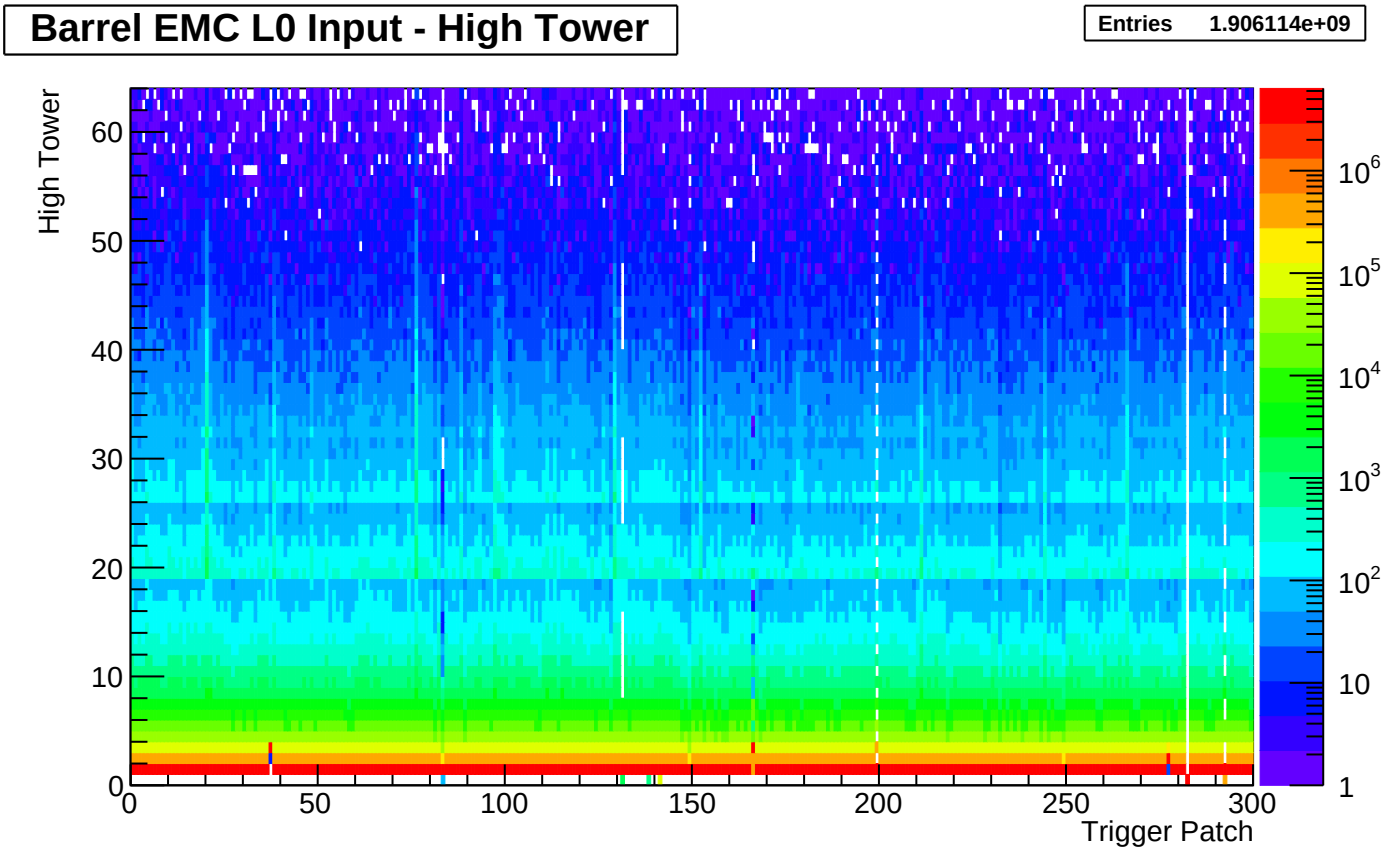
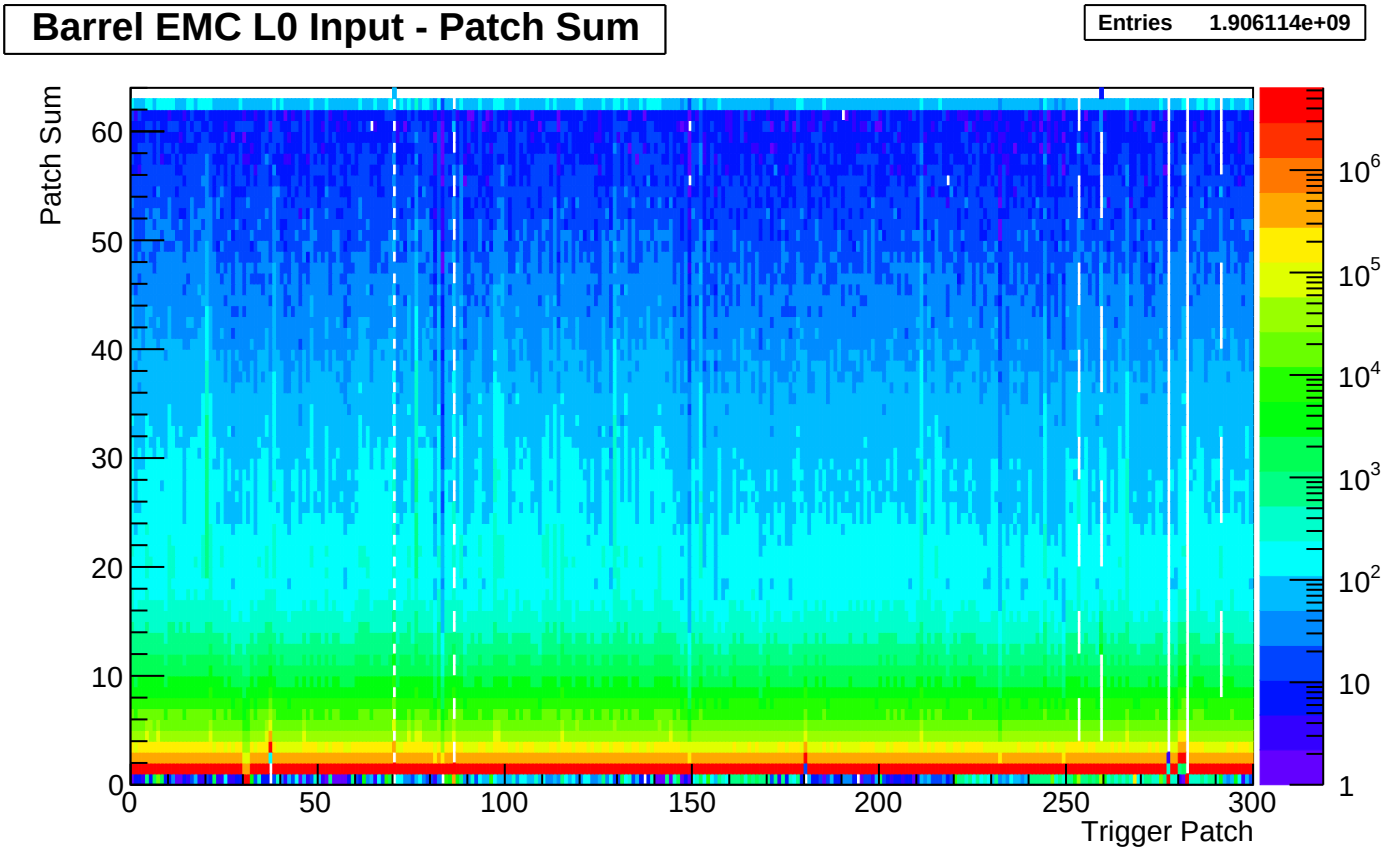
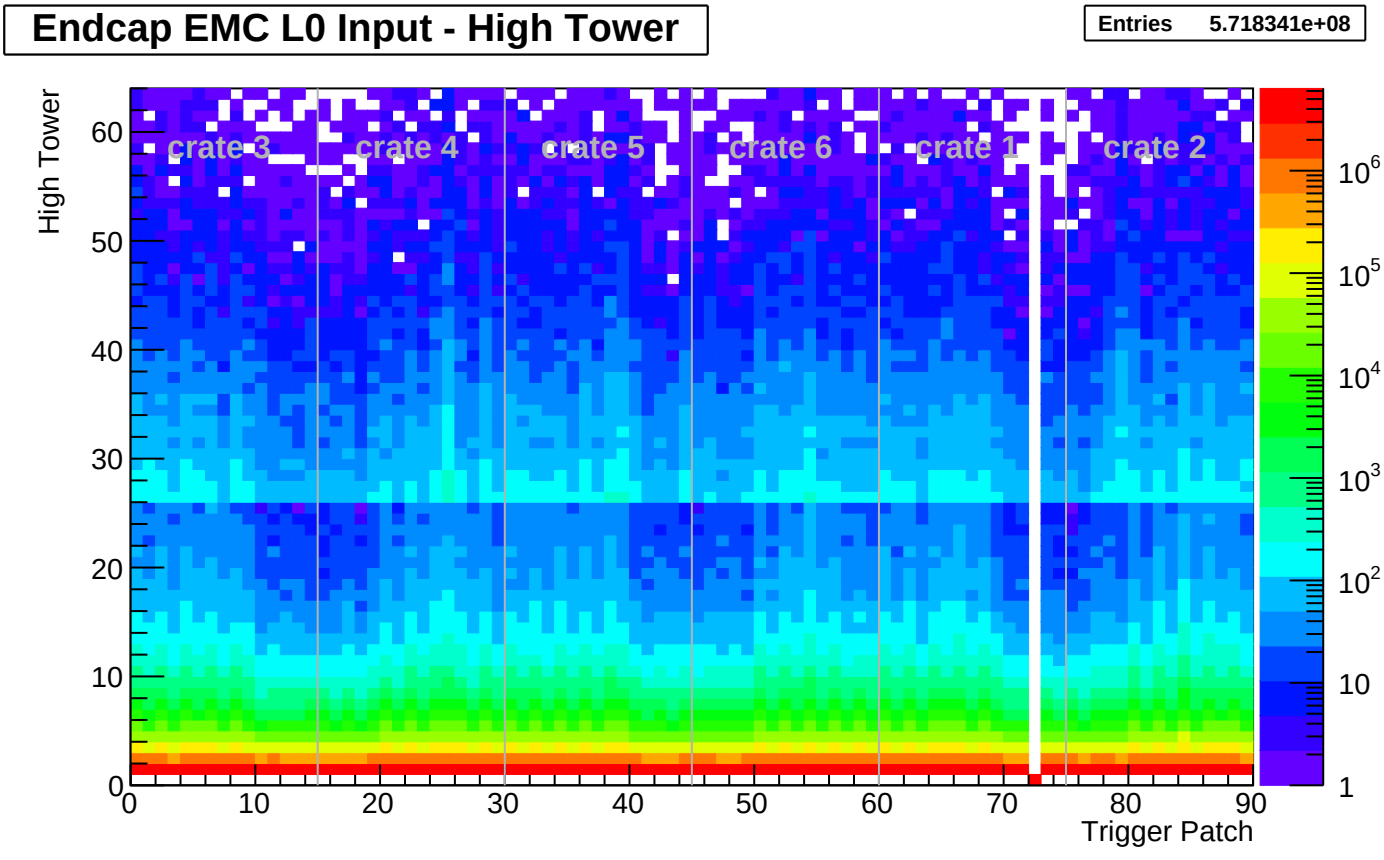
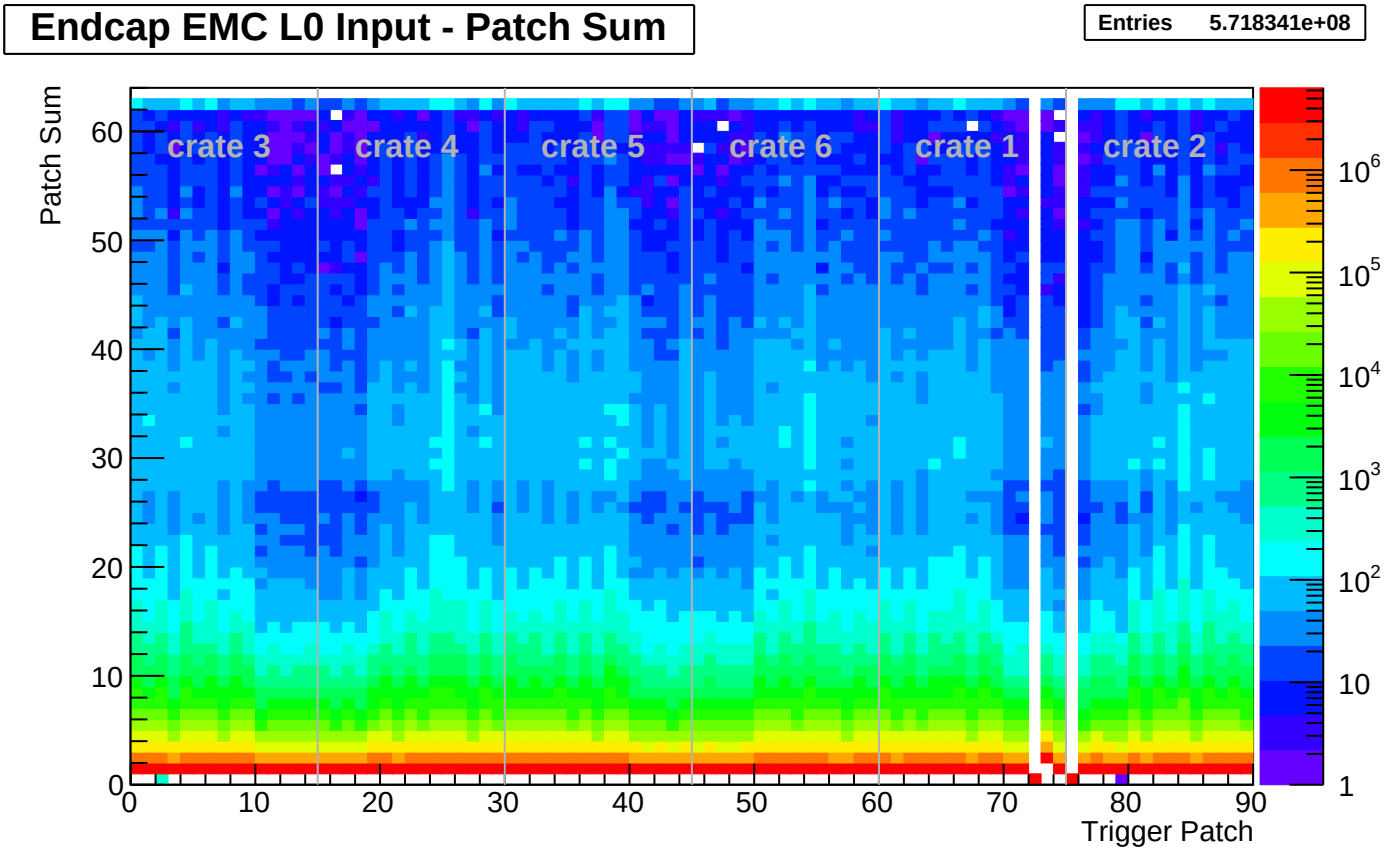
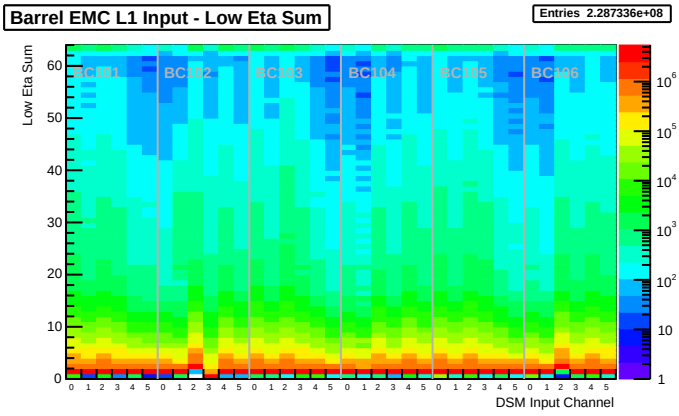
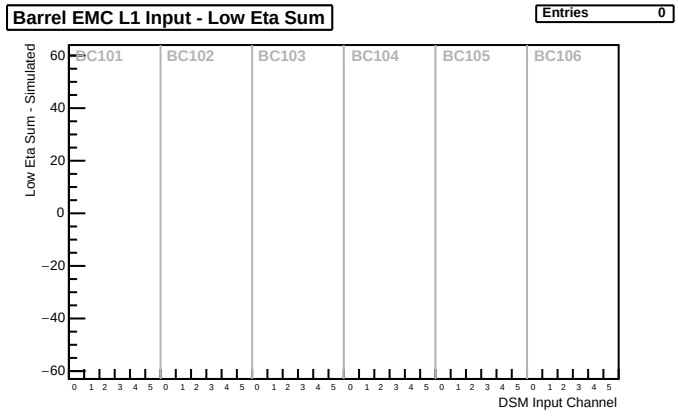

Barrel EMC L0 Input - High Tower
Entries 1.906114e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

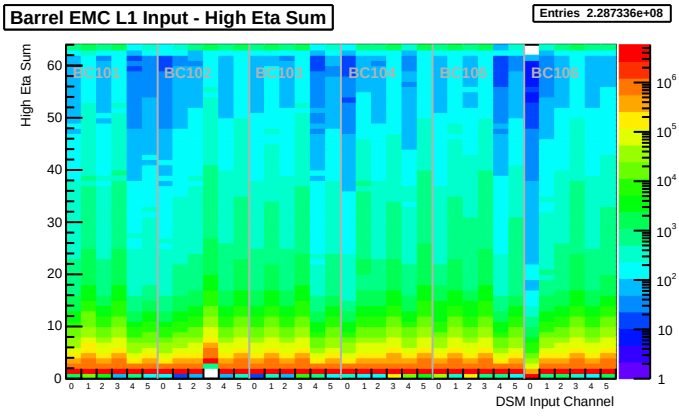

Barrel EMC L0 Input - Patch Sum
Entries 1.906114e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

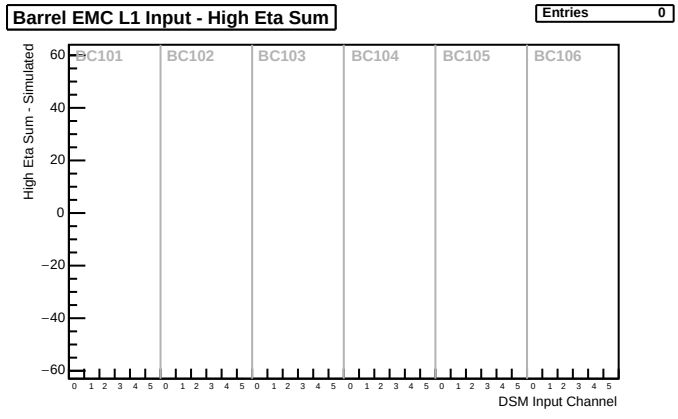

Endcap EMC L0 Input - High Tower
Entries 5.718341e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

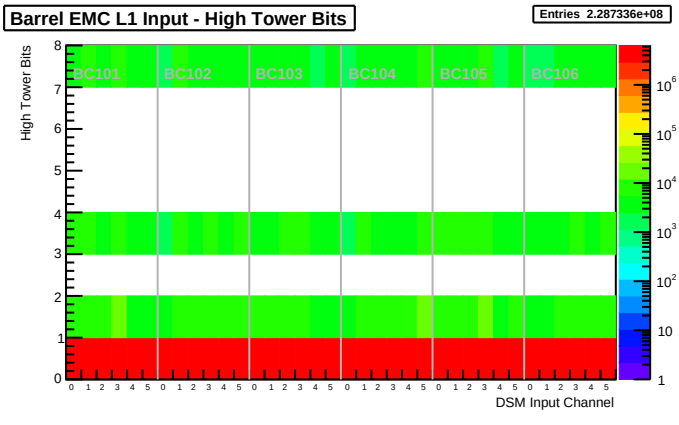

Endcap EMC L0 Input - Patch Sum
Entries 5.718341e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

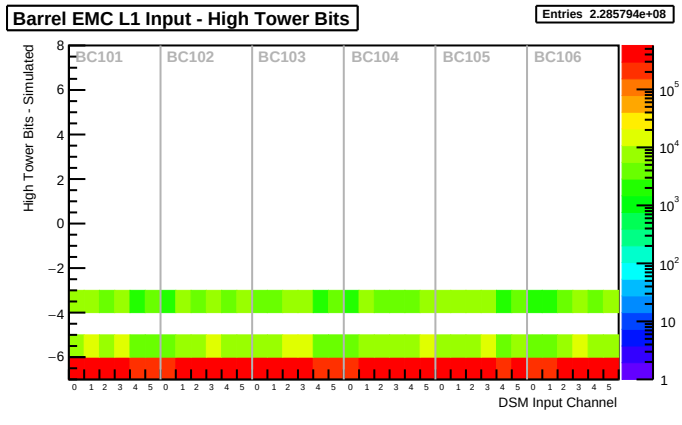

Barrel EMC L1 Input - Low Eta Sum
Entries 2.287336e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

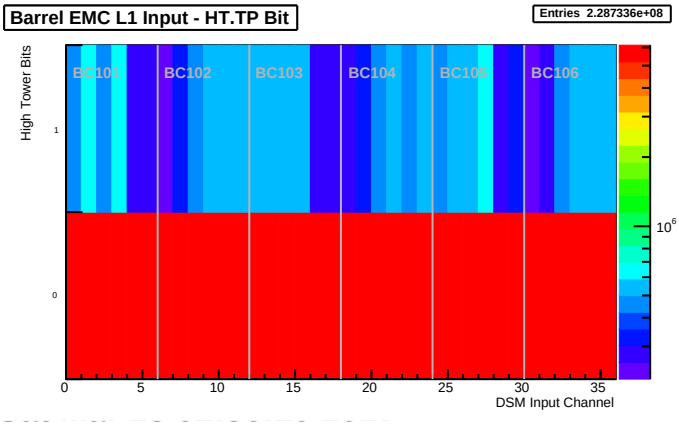

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

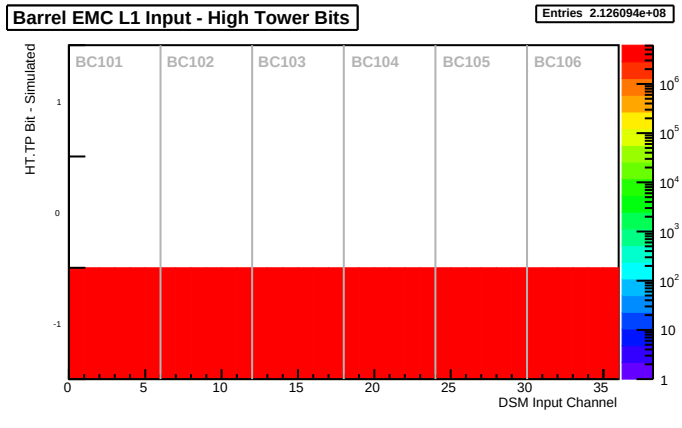

Barrel EMC L1 Input - High Eta Sum
Entries 2.287336e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

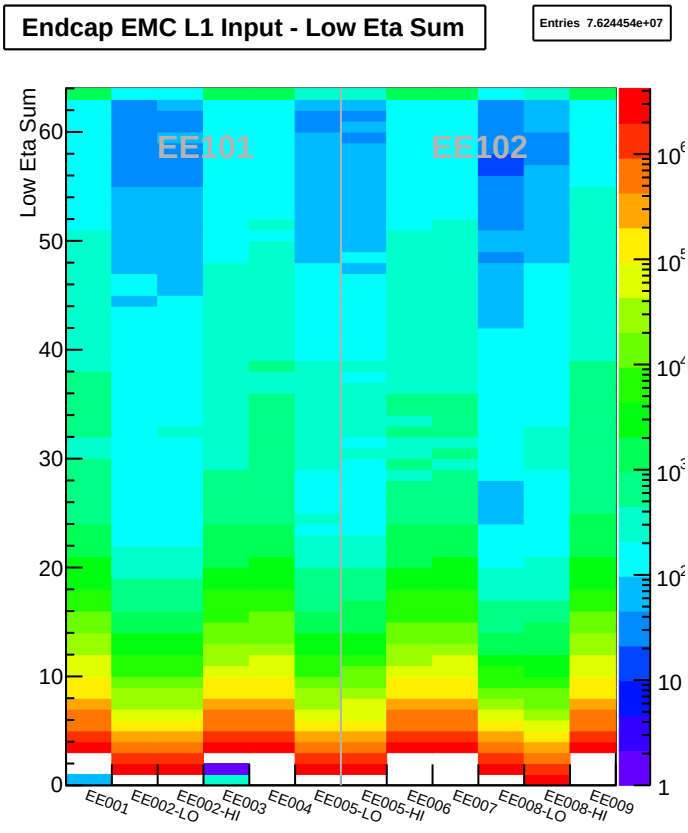

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

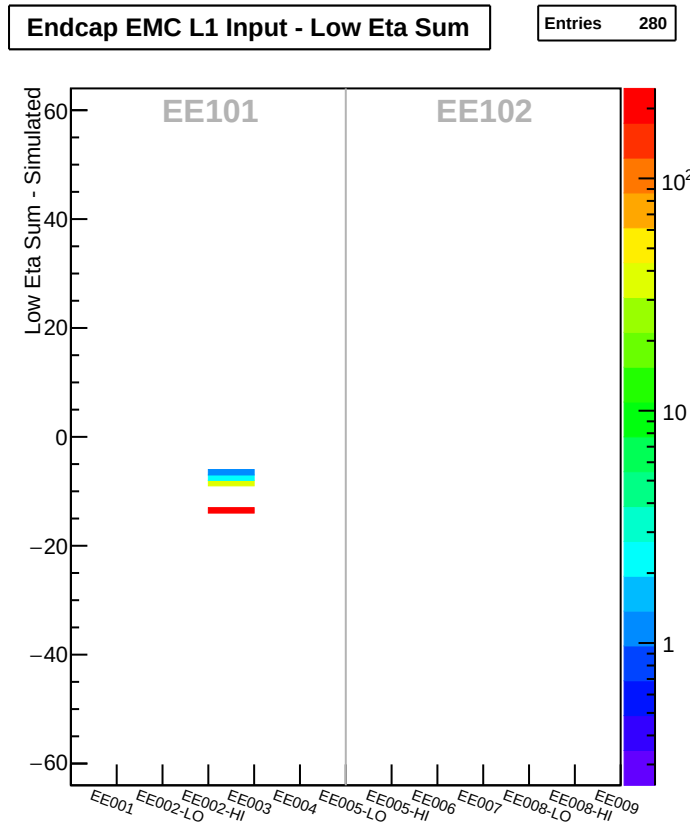

Barrel EMC L1 Input - High Tower Bits
Entries 2.287336e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

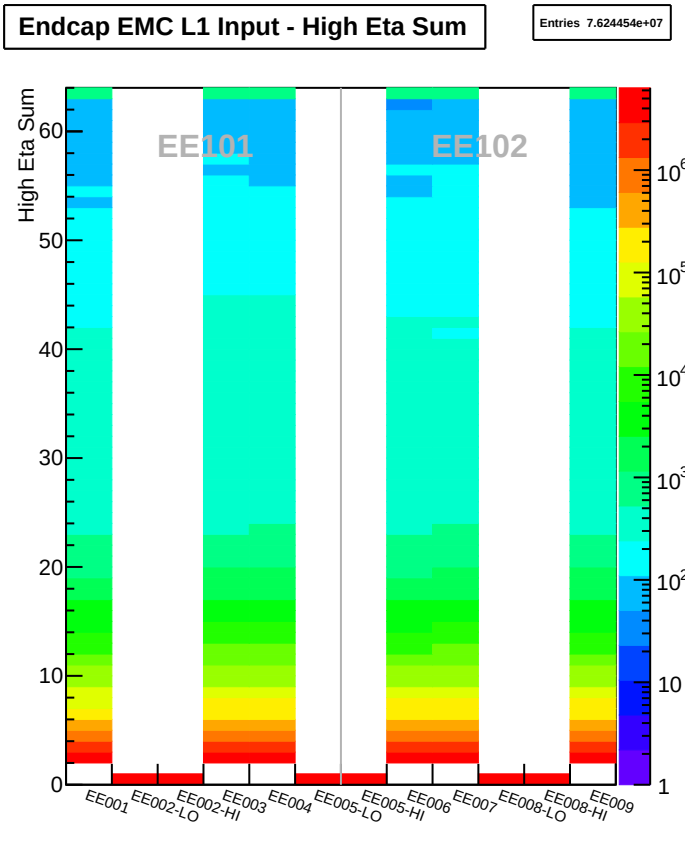

Barrel EMC L1 Input - High Tower Bits
Entries 2.285794e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

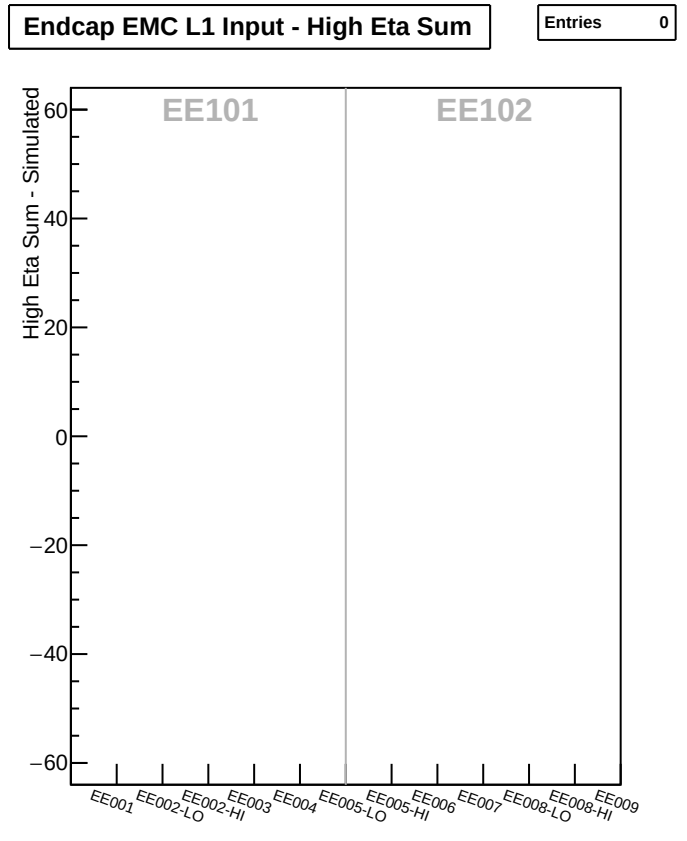

Barrel EMC L1 Input - HT.TP Bit
Entries 2.287336e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


Barrel EMC L1 Input - High Tower Bits
Entries 2.126094e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

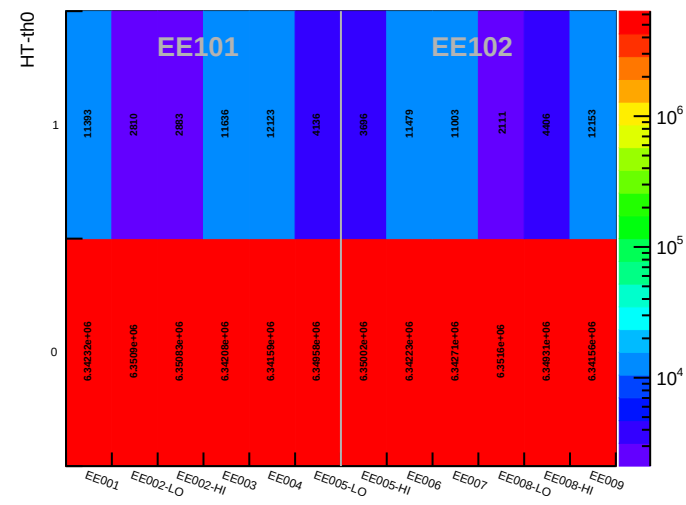

Endcap EMC L1 Input - Low Eta Sum
Entries 7.624454e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 280
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

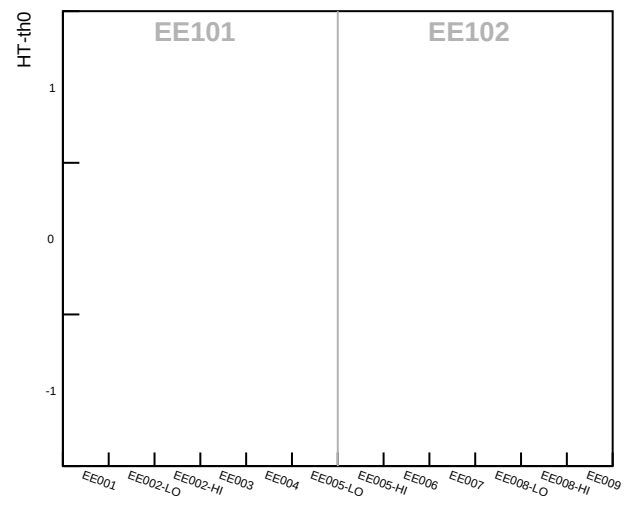

Endcap EMC L1 Input - High Eta Sum
Entries 7.624454e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

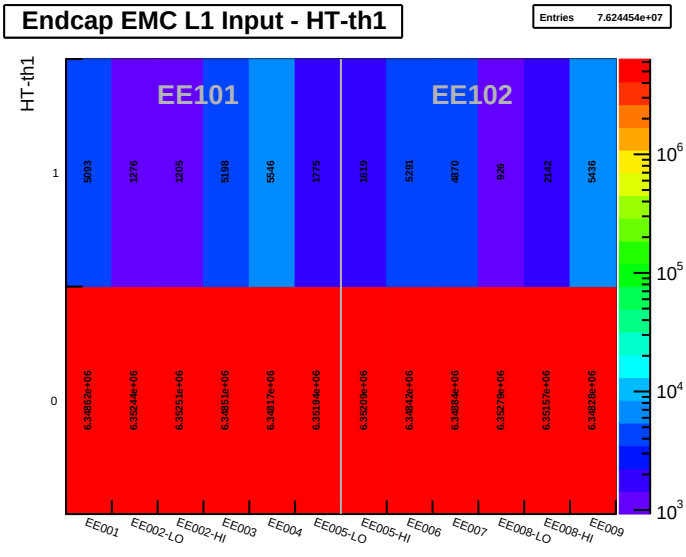
Endcap EMC L1 Input - HT-th0



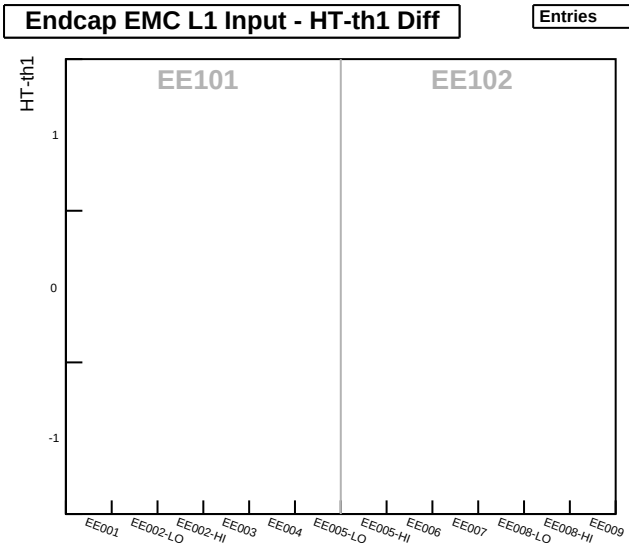
Endcap EMC L1 Input - HT-th0 Diff



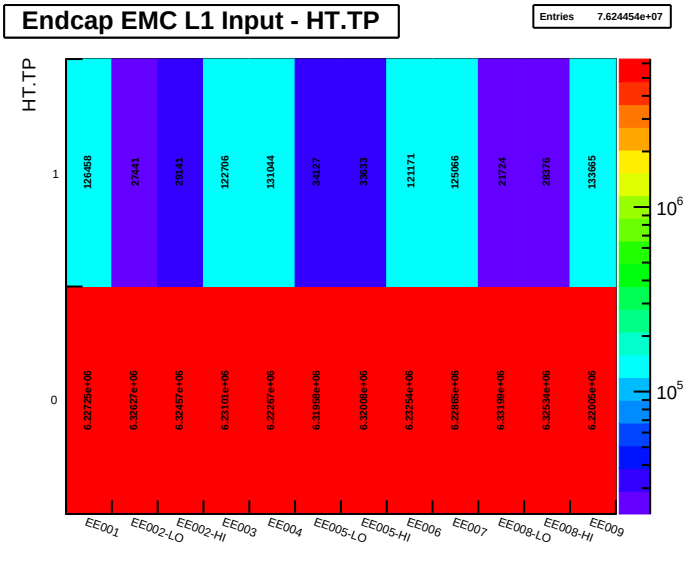
Endcap EMC L1 Input - HT-th1



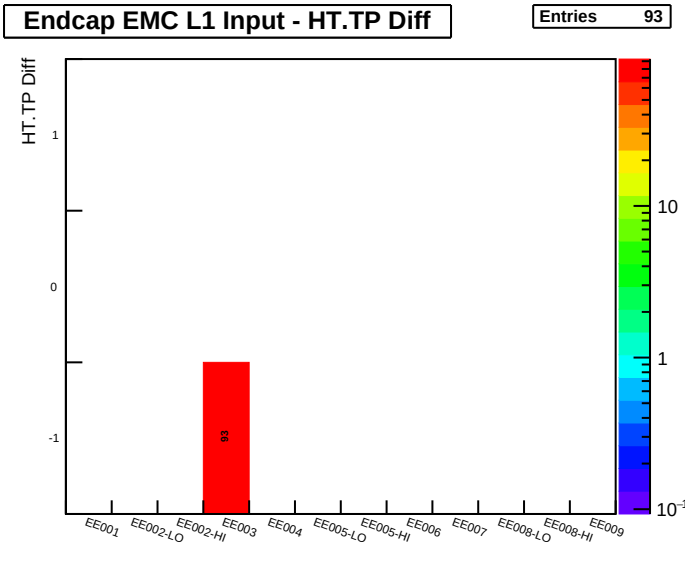
Endcap EMC L1 Input - HT-th1 Diff

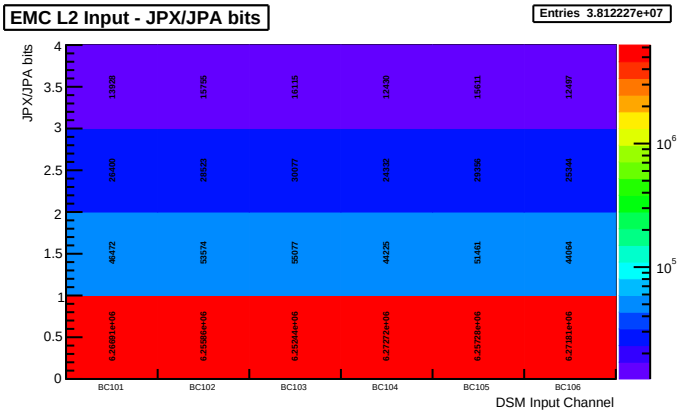


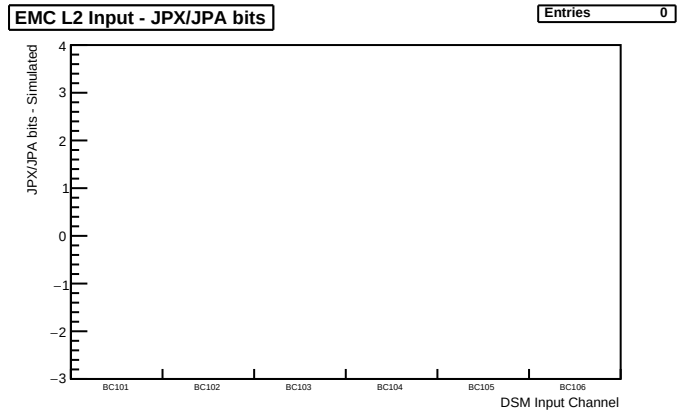
Endcap EMC L1 Input - HT.TP

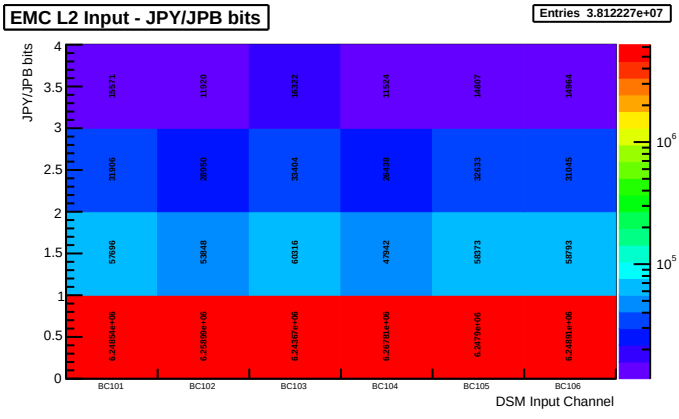


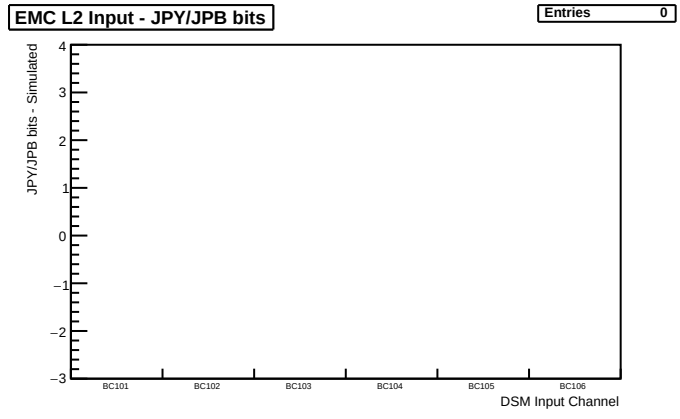
Endcap EMC L1 Input - HT.TP Diff

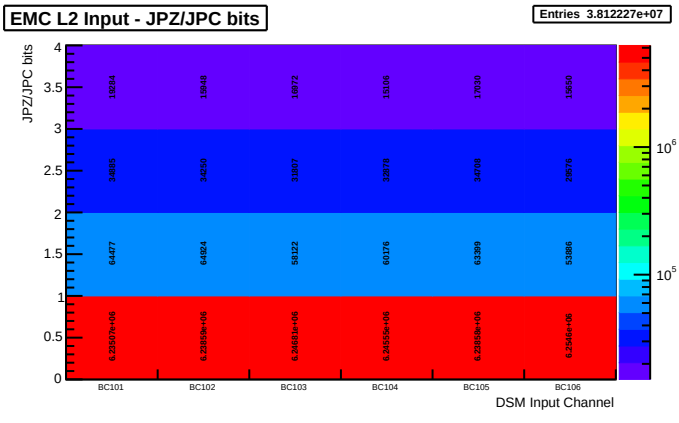


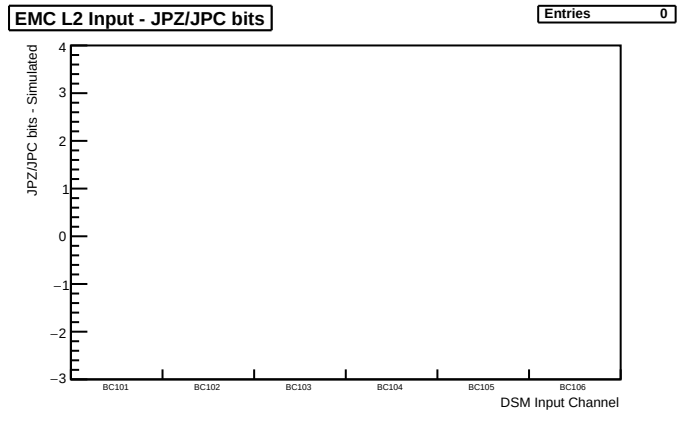

EMC L2 Input - JPX/JPA bits
Entries 3.812227e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13928
15795
16115
12430
15611
12407
26400
28923
30077
24332
29356
25344
46472
53574
56077
44225
51461
44064
6.25681e+06
6.25586e+06
6.25294e+06
6.27272e+06
6.25728e+06
6.27181e+06

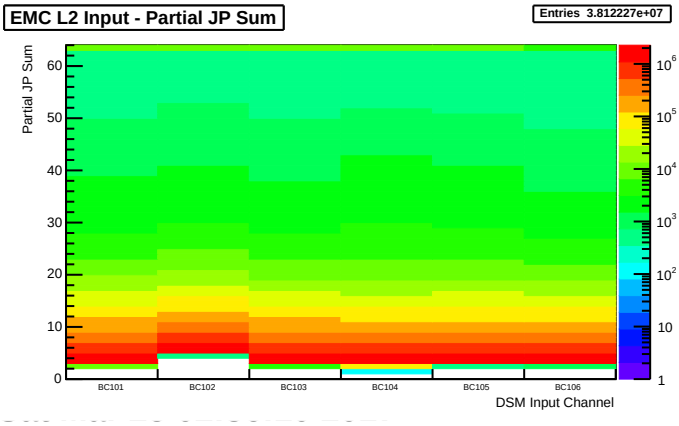

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

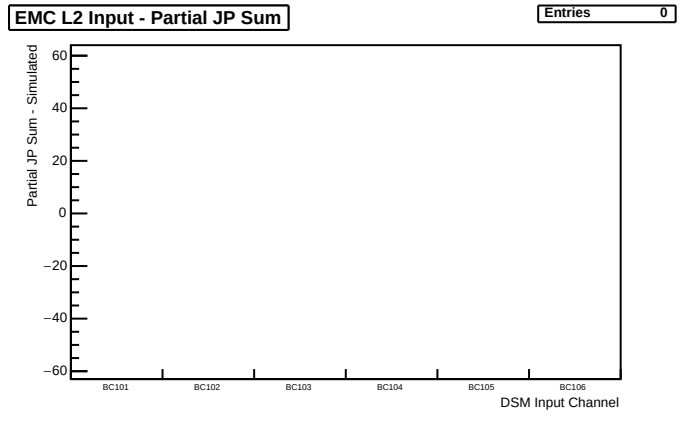

EMC L2 Input - JPY/JPB bits
Entries 3.812227e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15571
11920
16322
11524
14807
14064
31906
29950
33404
26438
32833
31045
57696
53848
60316
47942
58373
56793
6.24954e+06
6.25399e+06
6.24367e+06
6.25781e+06
6.2779e+06
6.24891e+06

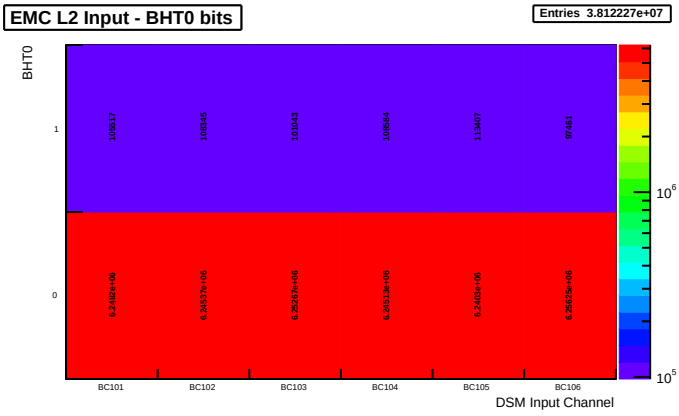

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

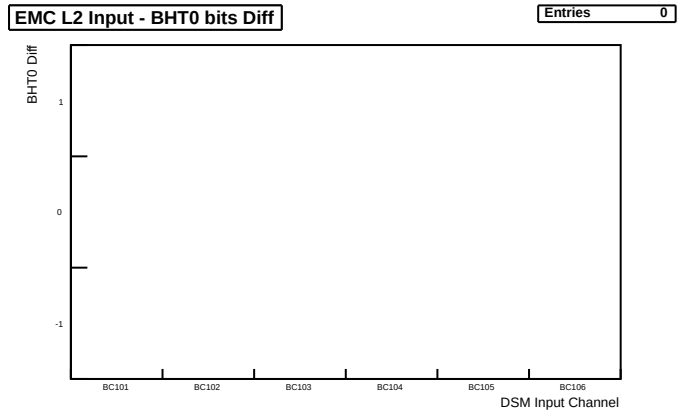

EMC L2 Input - JPZ/JPC bits
Entries 3.812227e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16334
15948
16872
15106
17030
15550
34885
34250
31807
32278
34708
29576
64477
64924
58122
60176
63399
53886
6.23527e+06
6.23859e+06
6.24651e+06
6.24559e+06
6.23858e+06
6.2546e+06

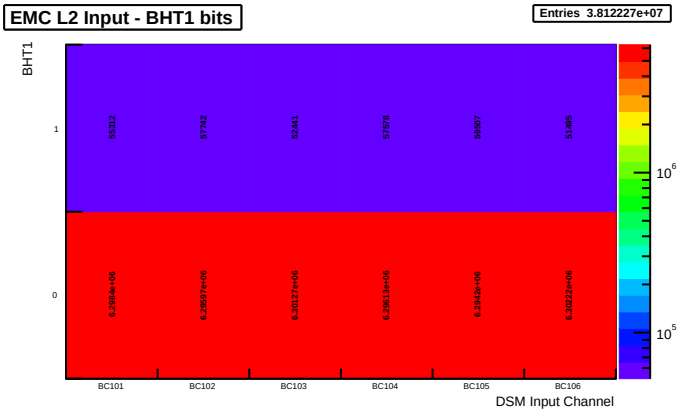

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

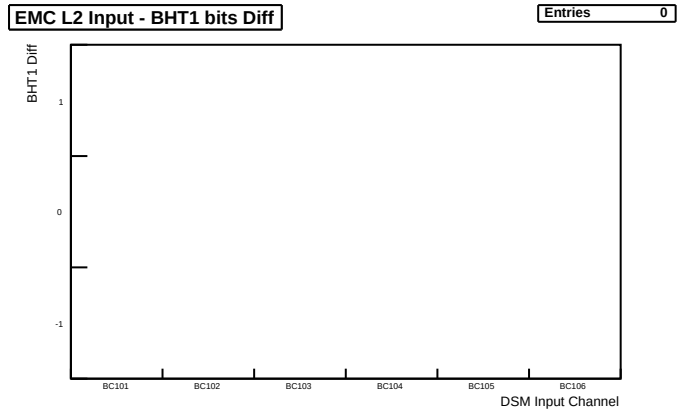

EMC L2 Input - Partial JP Sum
Entries 3.812227e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

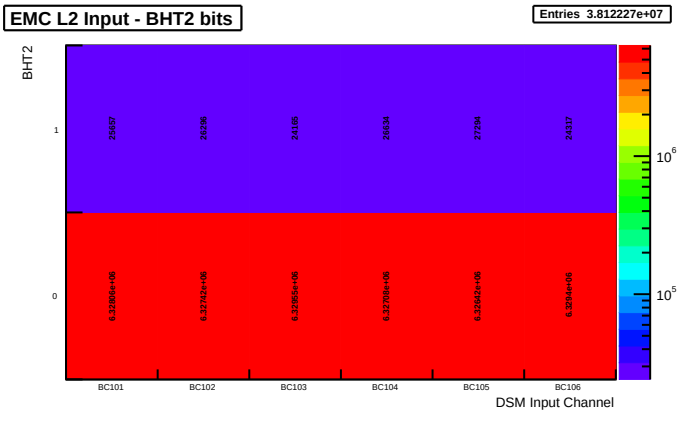

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

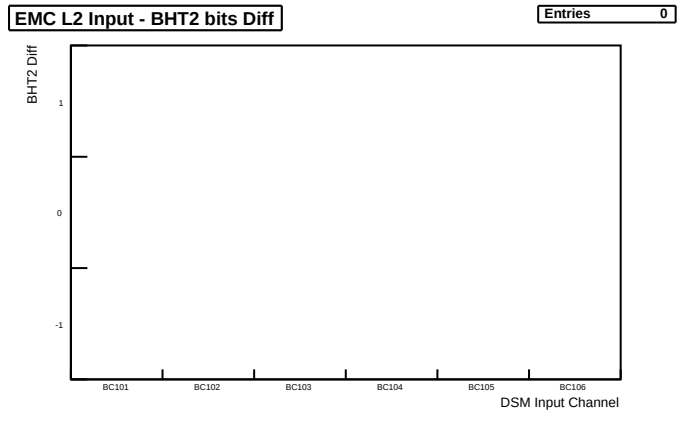

EMC L2 Input - BHT0 bits
Entries 3.812227e+07
BHT0
1
0
105517
108345
101043
108534
113407
97461
6.24852e+06
6.24537e+06
6.25267e+06
6.24513e+06
6.24029e+06
6.25625e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

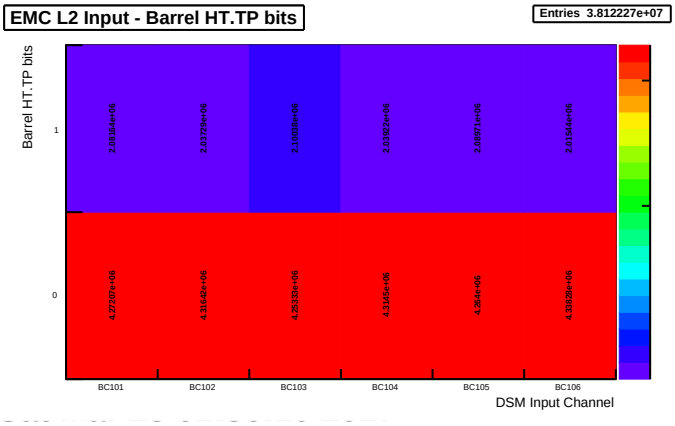

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

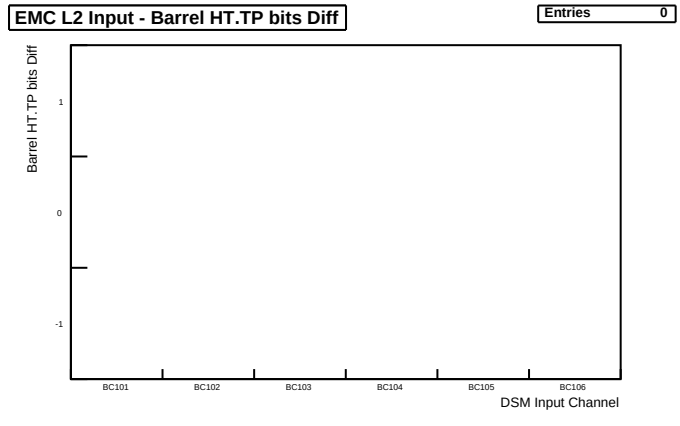

EMC L2 Input - BHT1 bits
Entries 3.812227e+07
BHT1
1
0
55312
57742
52441
57578
55907
51405
6.29394e+06
6.29897e+06
6.30127e+06
6.29813e+06
6.29426e+06
6.30222e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

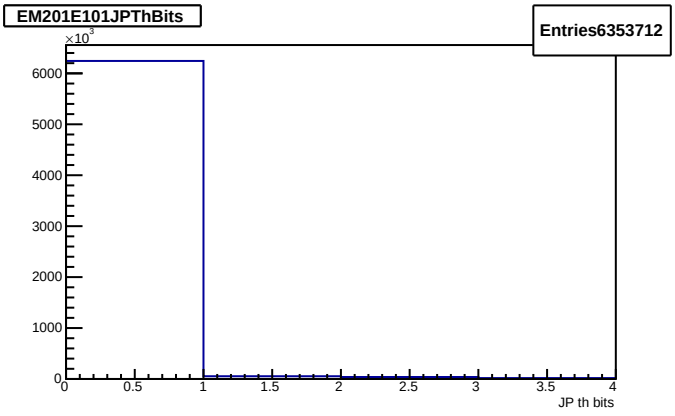

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

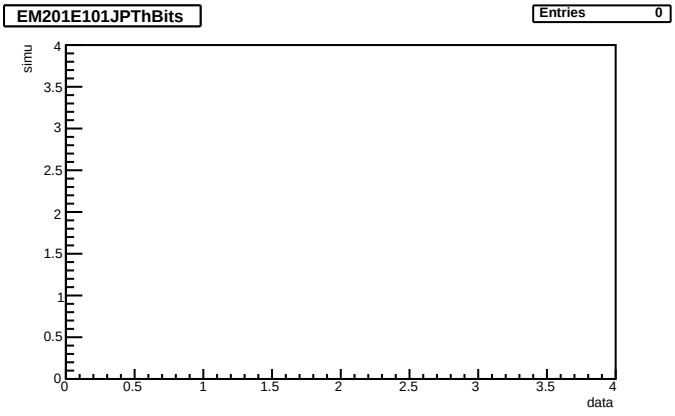

EMC L2 Input - BHT2 bits
Entries 3.812227e+07
BHT2
1
0
25357
26236
24165
26534
27294
24117
6.32806e+06
6.32762e+06
6.32955e+06
6.32768e+06
6.32642e+06
6.3294e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

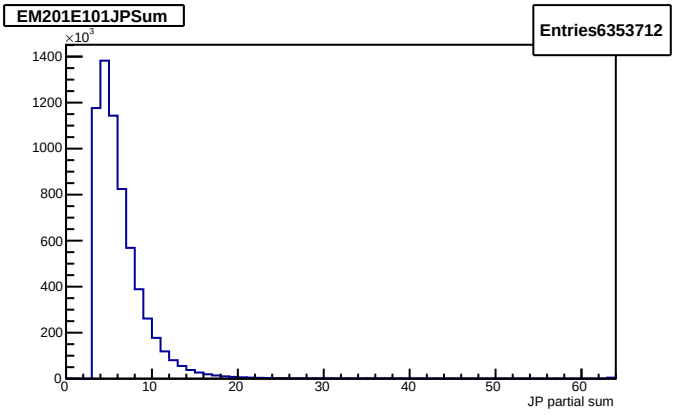

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

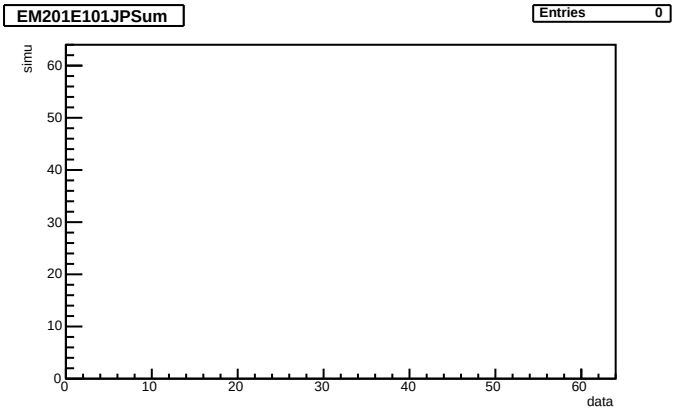

EMC L2 Input - Barrel HT.TP bits
Entries 3.812227e+07
Barrel HT.TP bits
1
0
2.08164e+06
2.03729e+06
2.10088e+06
2.03322e+06
2.08971e+06
2.01154e+06
4.27207e+06
4.31642e+06
4.25133e+06
4.3145e+06
4.2544e+06
4.33328e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

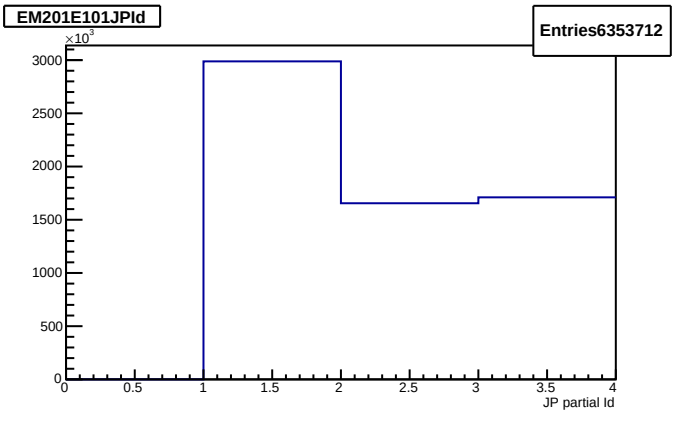

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

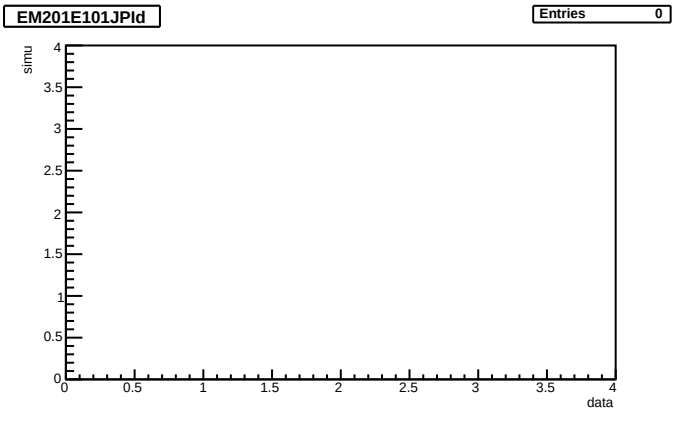

EM201E101JPThBits
Entries6353712
×10^3
JP th bits

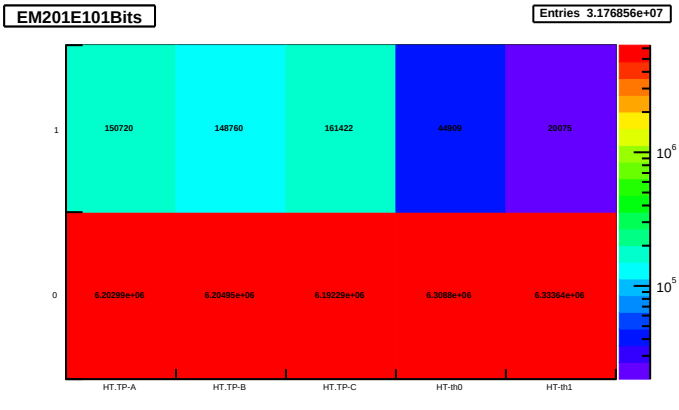

EM201E101JPThBits
Entries 0
simu
data

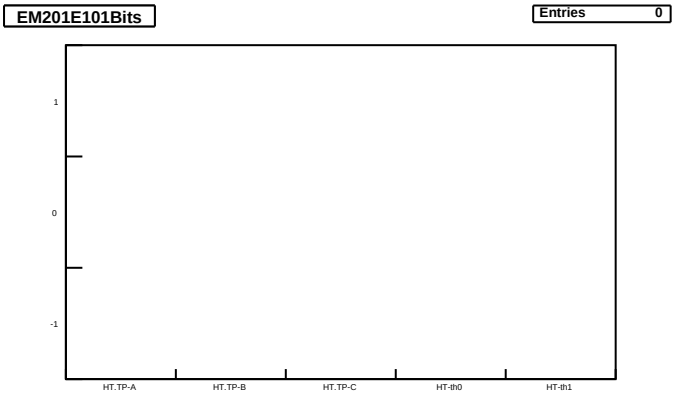

EM201E101JPSum
Entries6353712
×10^3
JP partial sum

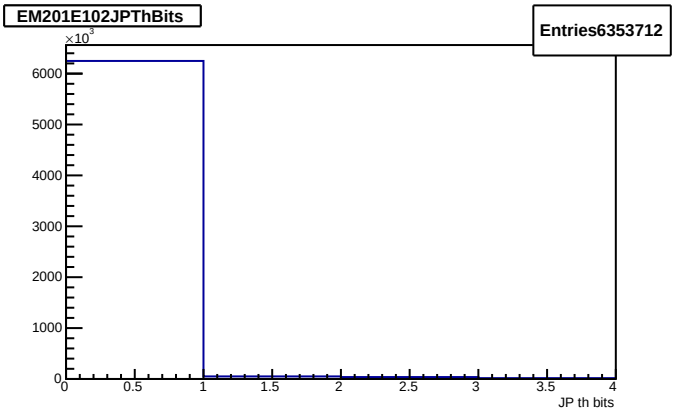

EM201E101JPSum
Entries 0
simu
data

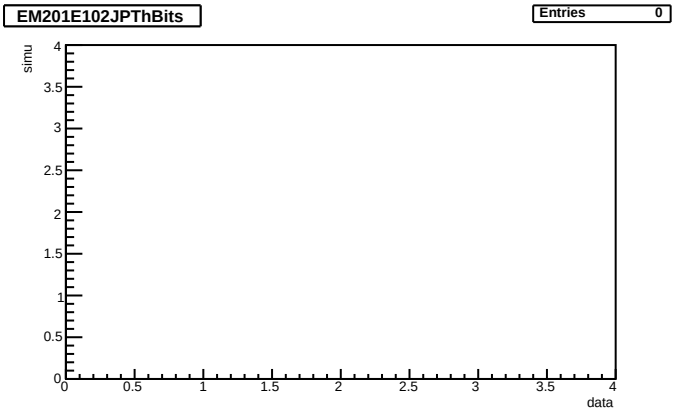

EM201E101JPId
Entries6353712
×10^3
JP partial Id

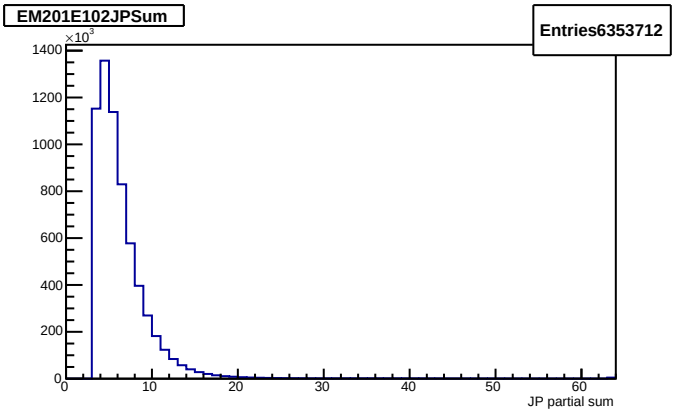

EM201E101JPId
Entries 0
simu
data

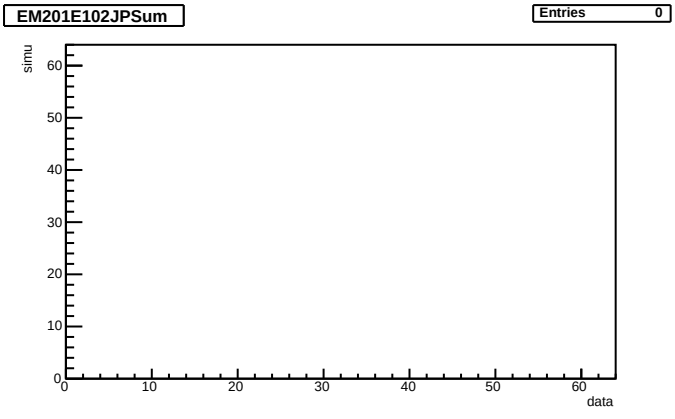

EM201E101Bits
Entries 3.176856e+07
150720
148760
161422
44909
20075
6.20299e+06
6.20495e+06
6.19229e+06
6.3089e+06
6.33364e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

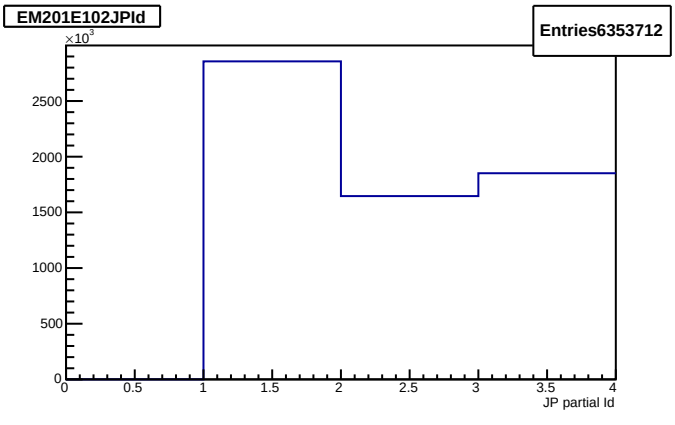

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

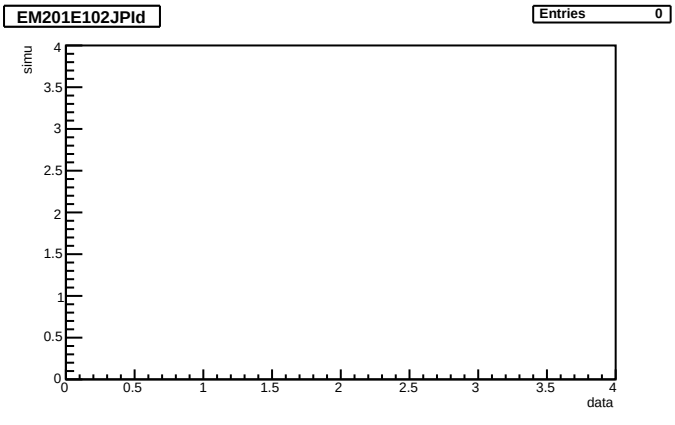

EM201E102JPThBits
Entries6353712
×10^3
JP th bits

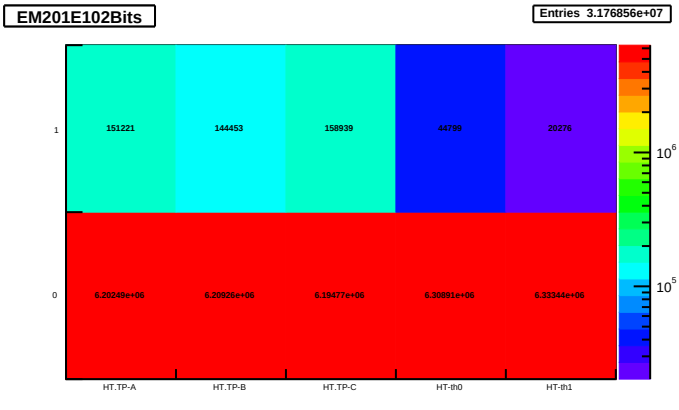

EM201E102JPThBits
Entries 0
simu
data

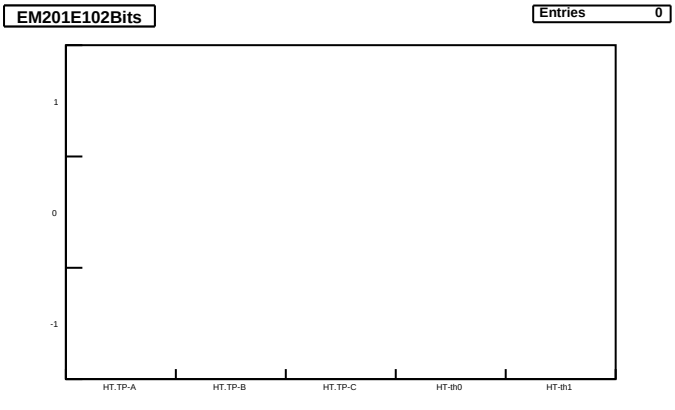

EM201E102JPSum
Entries6353712
×10^3
JP partial sum

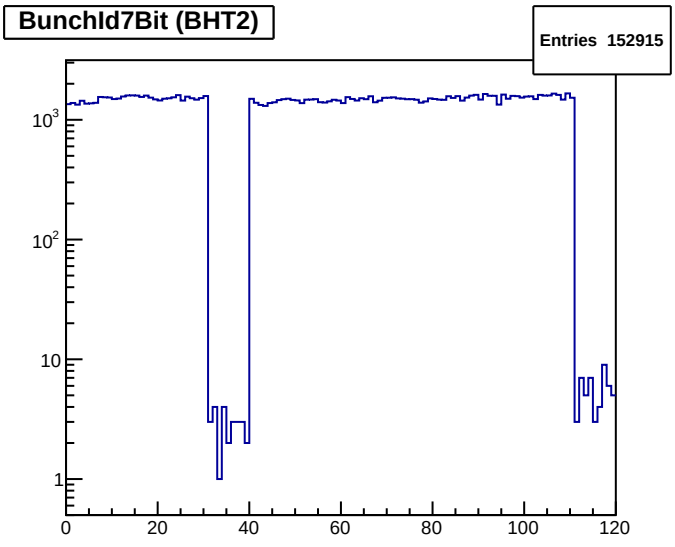

EM201E102JPSum
Entries 0
simu
data

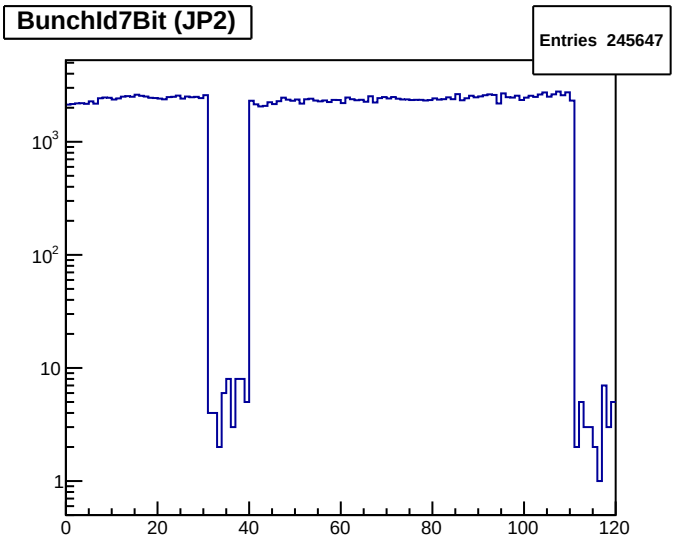

EM201E102JPId
Entries6353712
×10^3
JP partial Id

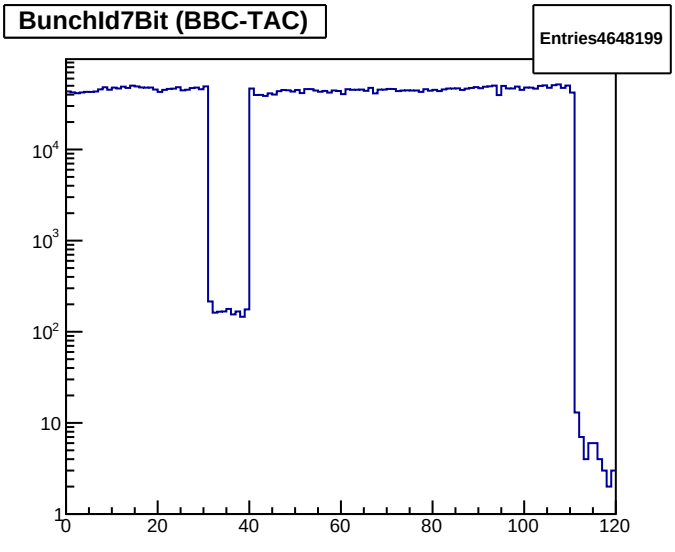

EM201E102JPId
Entries 0
simu
data

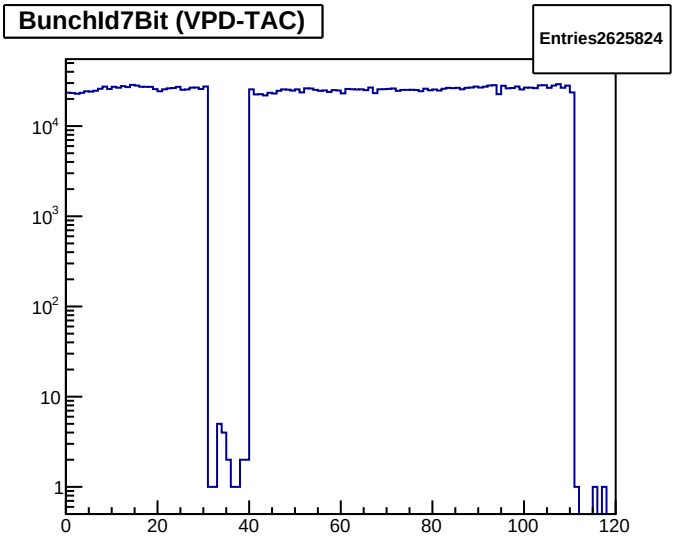

EM201E102Bits
Entries 3.176856e+07
151221
144453
158939
44799
20276
6.20249e+06
6.20926e+06
6.19477e+06
6.30891e+06
6.33344e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

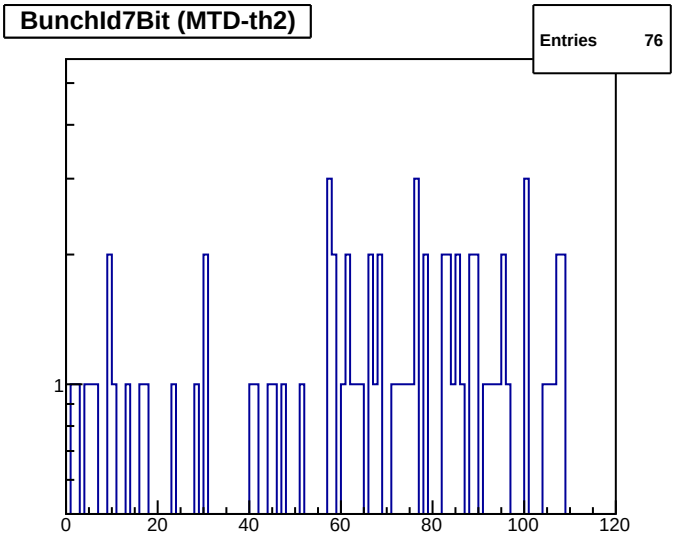

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

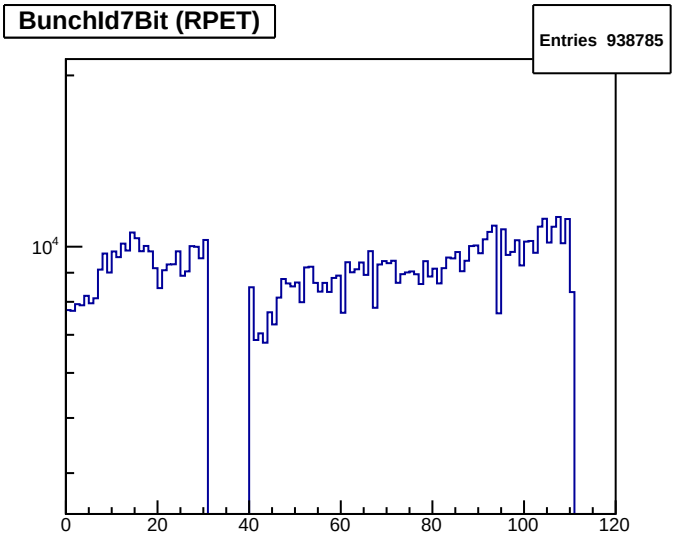

BunchId7Bit (BHT2)
Entries 152915
10^3
10^2
10
1
0
20
40
60
80
100
120

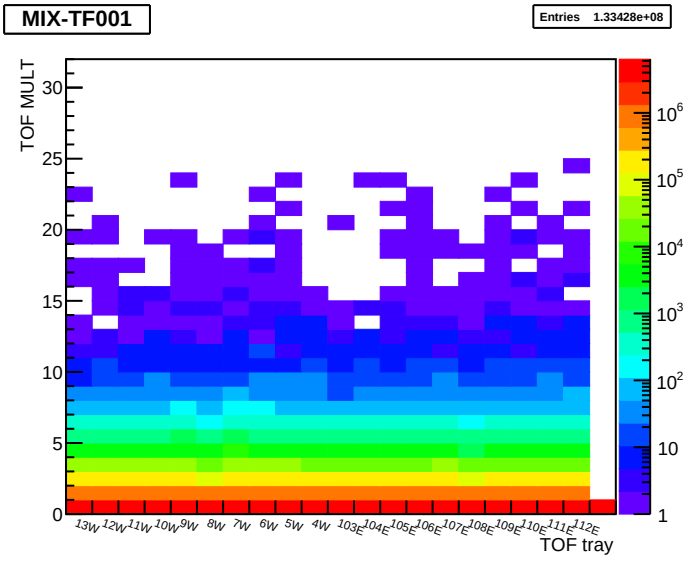

BunchId7Bit (JP2)
Entries 245647
10^3
10^2
10
1
0
20
40
60
80
100
120

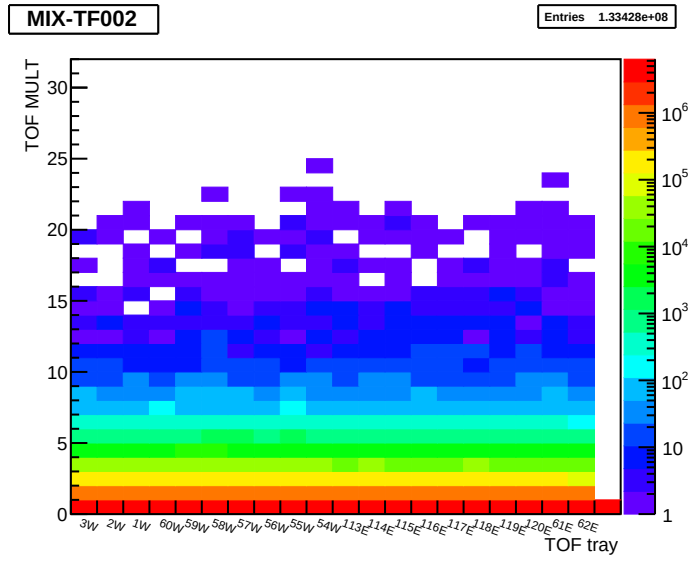

BunchId7Bit (BBC-TAC)
Entries4648199
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

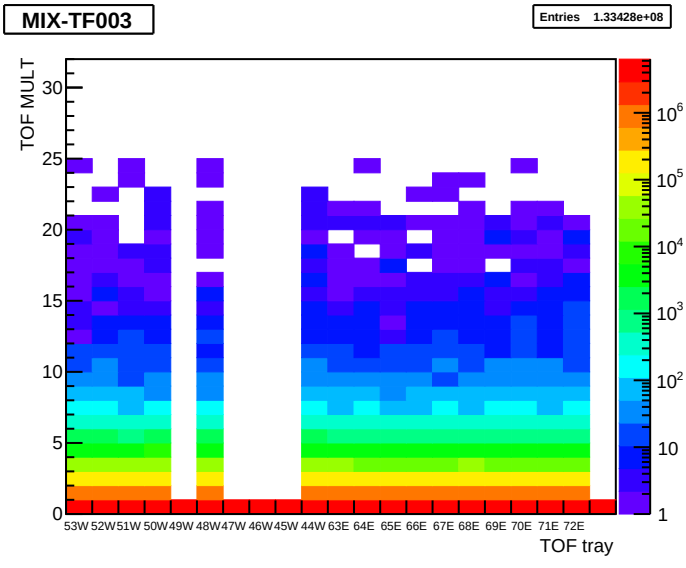

BunchId7Bit (VPD-TAC)
Entries2625824
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

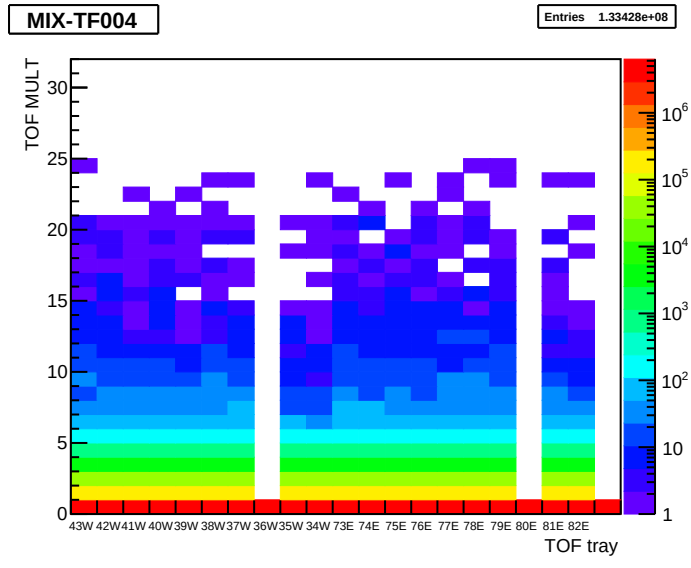

BunchId7Bit (MTD-th2)
Entries 76
1
0
20
40
60
80
100
120

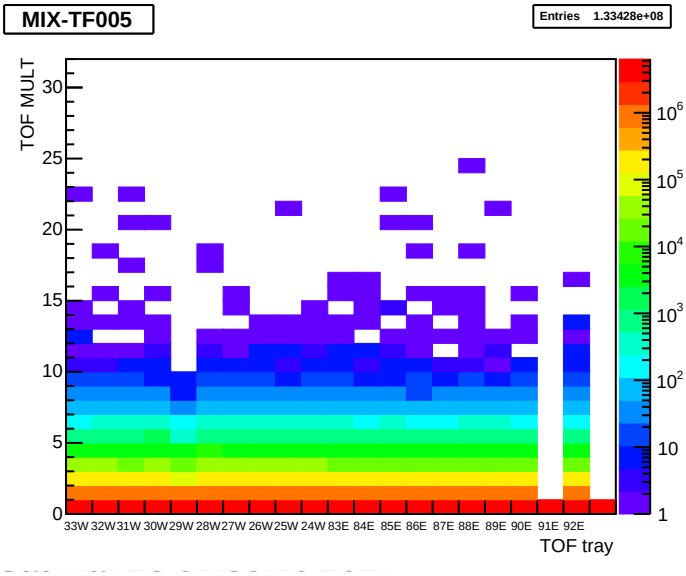

BunchId7Bit (RPET)
Entries 938785
10^4
0
20
40
60
80
100
120

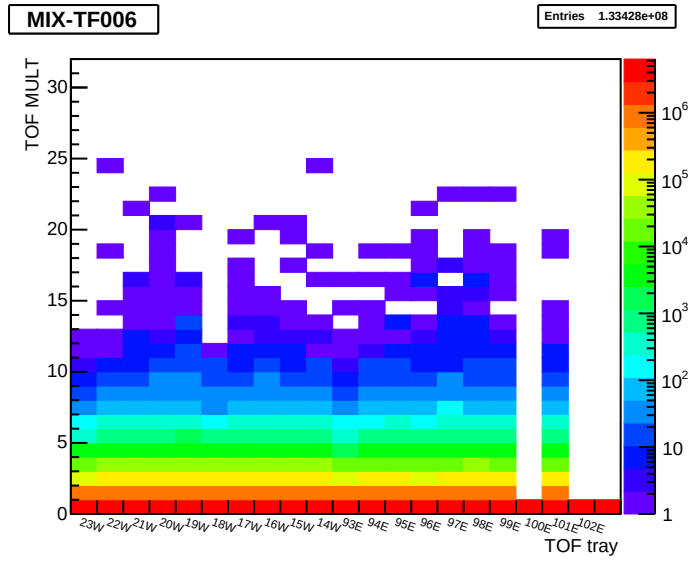

MIX-TF001
Entries 1.33428e+08
TOF MULT
TOF tray

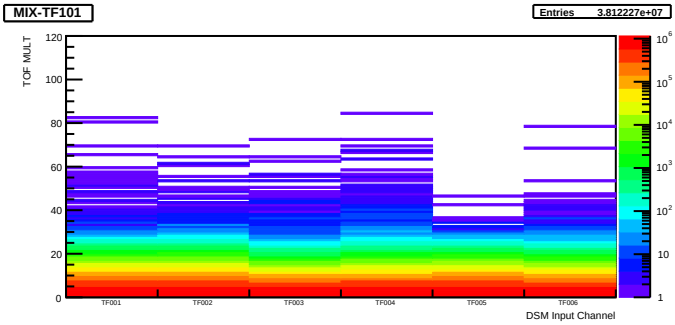

MIX-TF002
Entries 1.33428e+08
TOF MULT
TOF tray

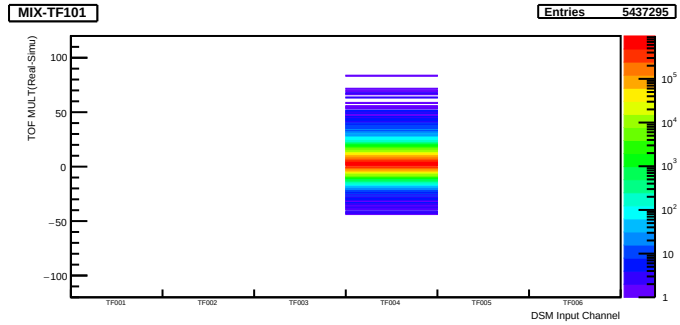

MIX-TF003
Entries 1.33428e+08
TOF MULT
TOF tray

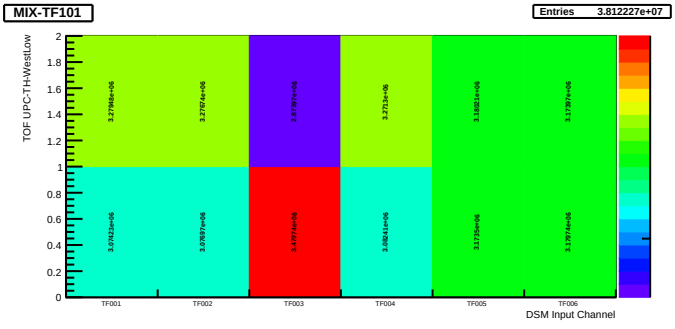

MIX-TF004
Entries 1.33428e+08
TOF MULT
TOF tray

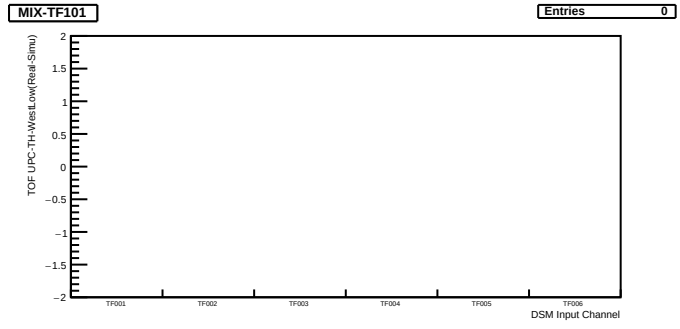

MIX-TF005
Entries 1.33428e+08
TOF MULT
TOF tray

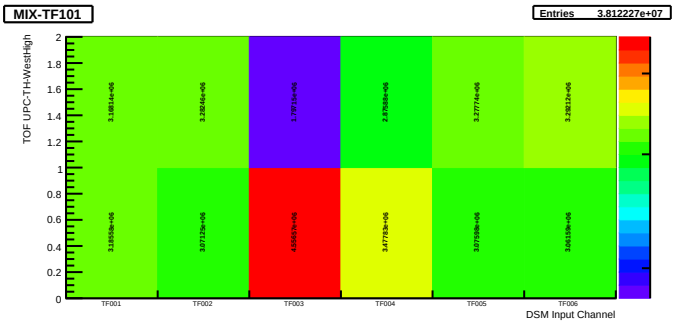

MIX-TF006
Entries 1.33428e+08
TOF MULT
TOF tray

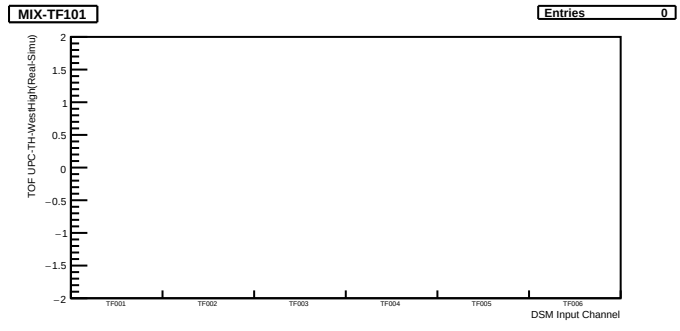

MIX-TF101
Entries 3.812227e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

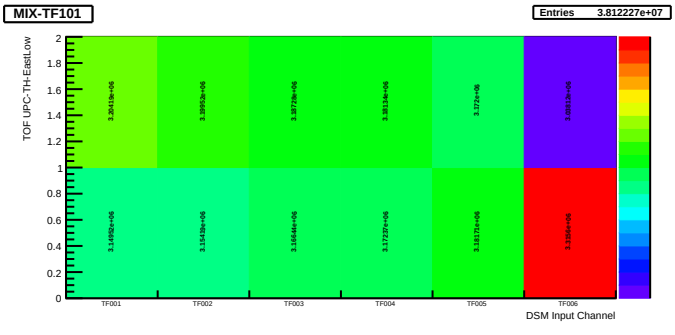

MIX-TF101
Entries 5437295
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

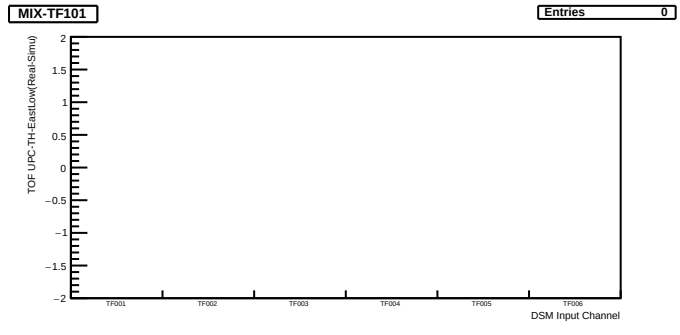

MIX-TF101
Entries 3.812227e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

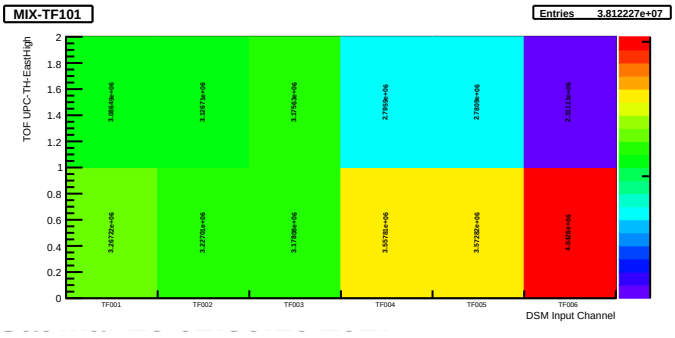

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

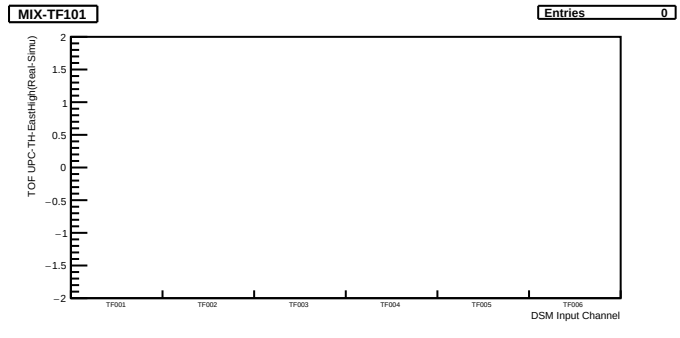

MIX-TF101
Entries 3.812227e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

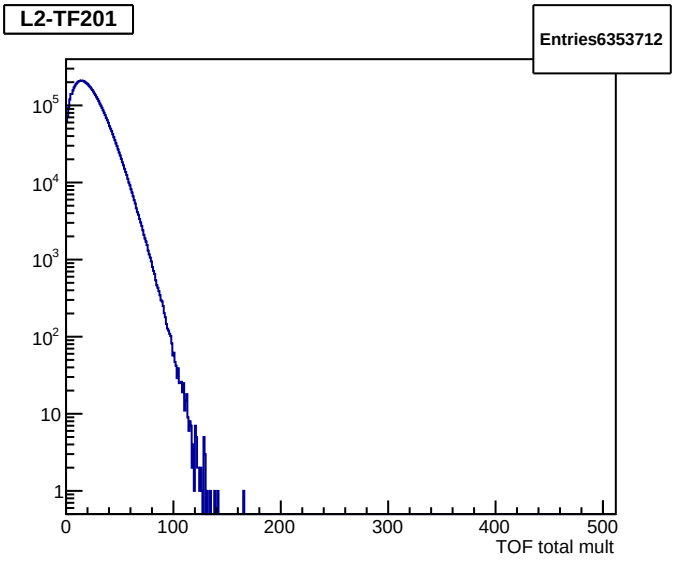

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

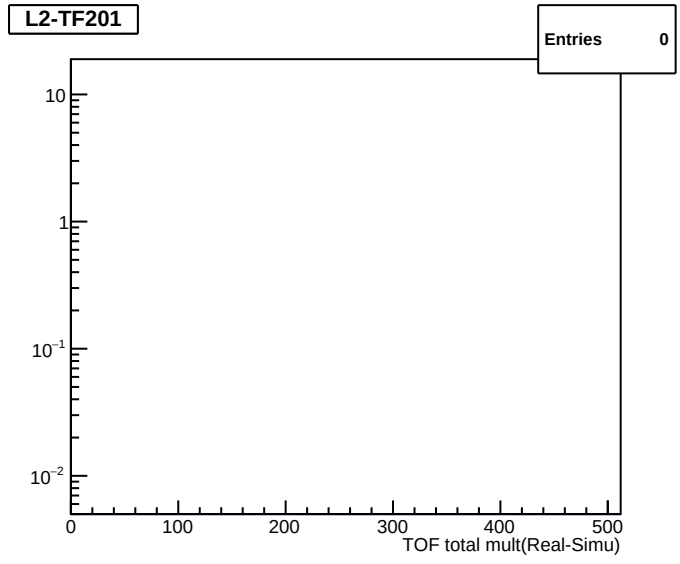

MIX-TF101
Entries 3.812227e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

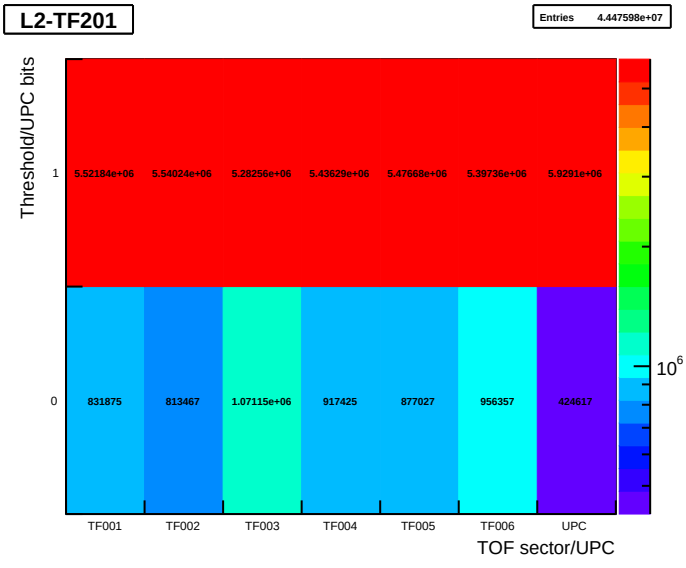

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

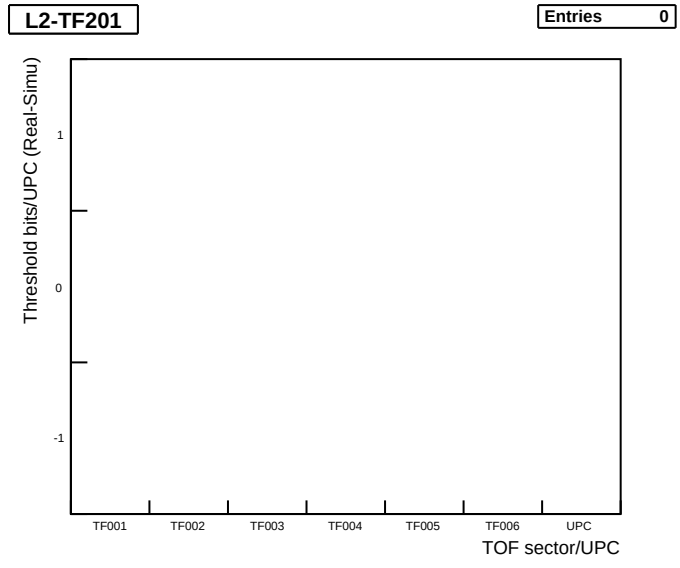

MIX-TF101
Entries 3.812227e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

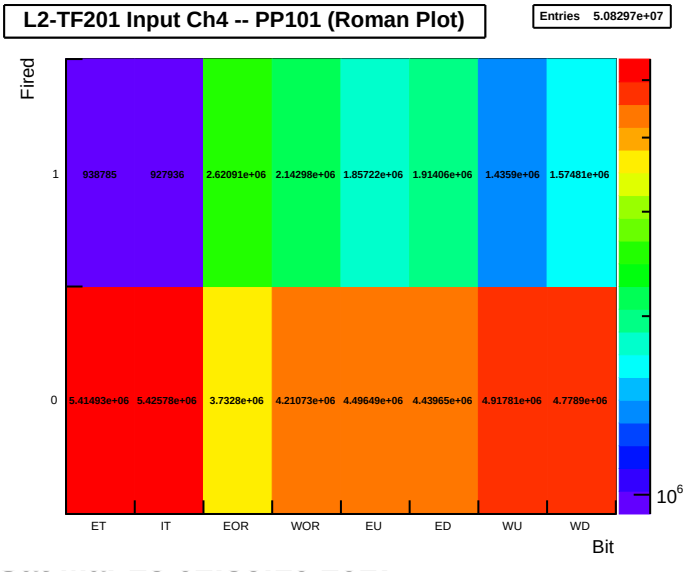

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

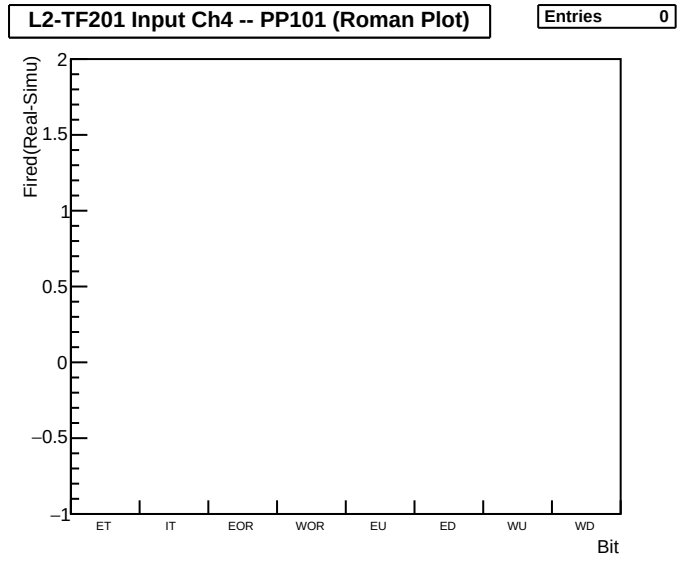

L2-TF201
Entries6353712
TOF total mult

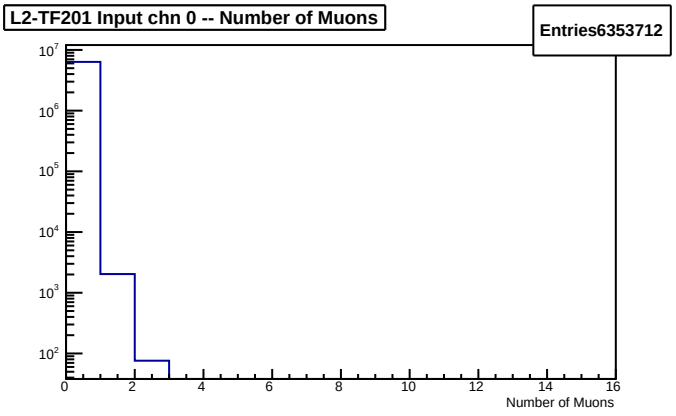

L2-TF201
Entries 0
TOF total mult(Real-Simu)

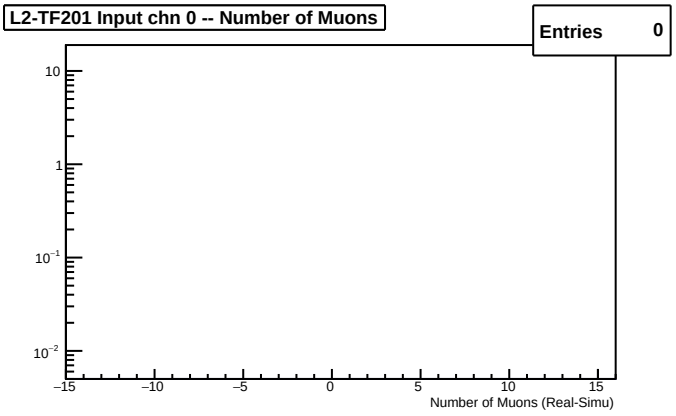

L2-TF201
Entries 4.447598e+07
Threshold/UPC bits
5.52184e+06
5.54024e+06
5.28256e+06
5.43629e+06
5.47668e+06
5.39736e+06
5.9291e+06
831875
813467
1.07115e+06
917425
877027
956357
424617
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

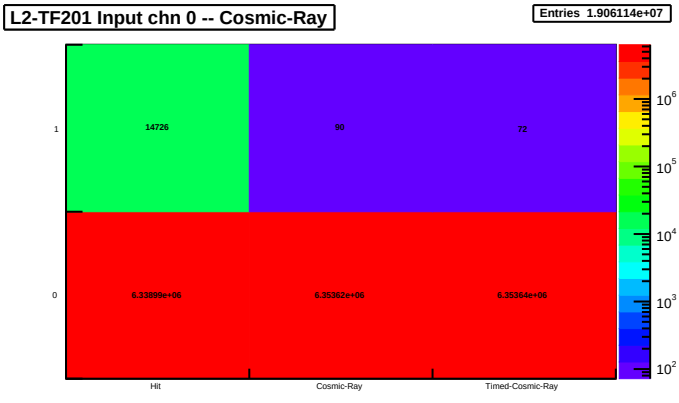

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

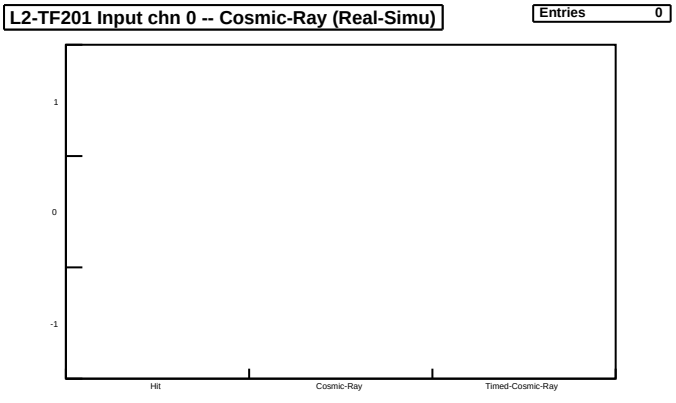

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.08297e+07
Fired
938785
927936
2.62091e+06
2.14298e+06
1.85722e+06
1.91406e+06
1.4359e+06
1.57481e+06
5.41493e+06
5.42578e+06
3.7328e+06
4.21073e+06
4.49649e+06
4.43965e+06
4.91781e+06
4.7789e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

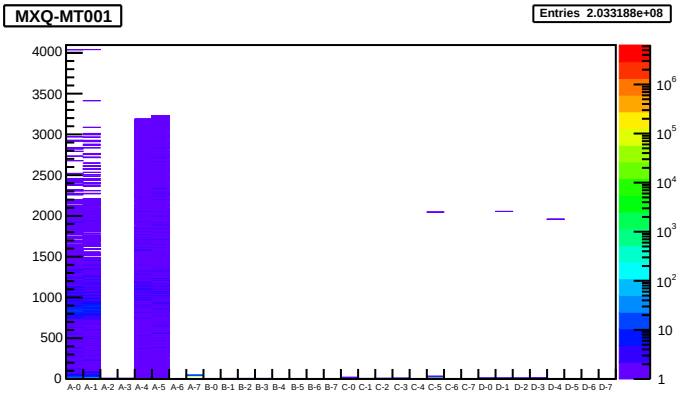

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

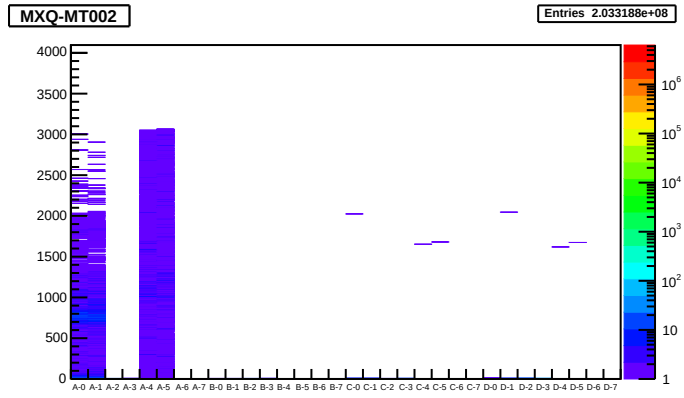

L2-TF201 Input chn 0 -- Number of Muons
Entries6353712
Number of Muons

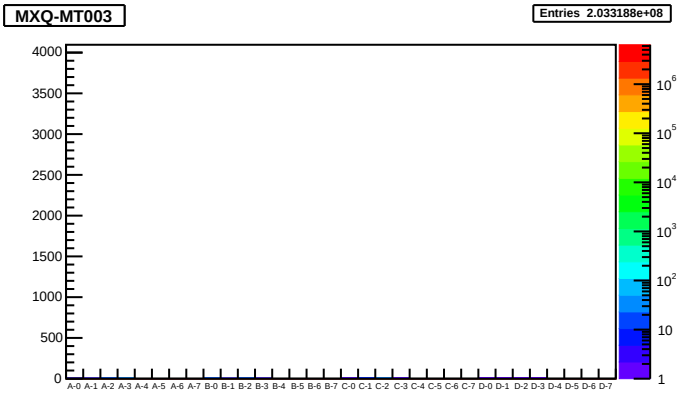

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

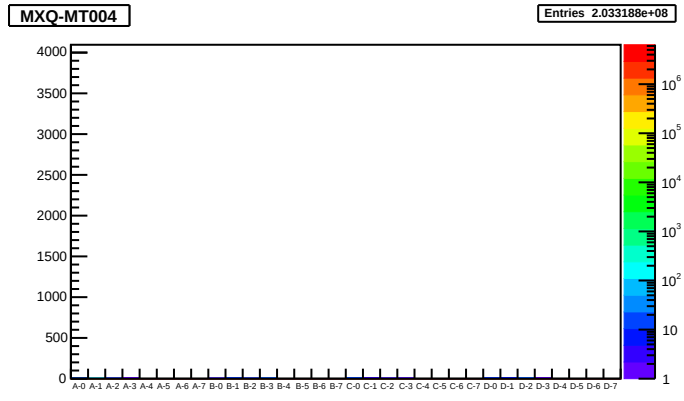

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.906114e+07
14726
90
72
6.33899e+06
6.35362e+06
6.35364e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

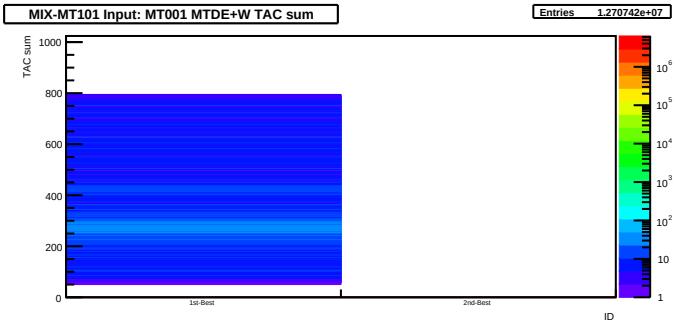

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

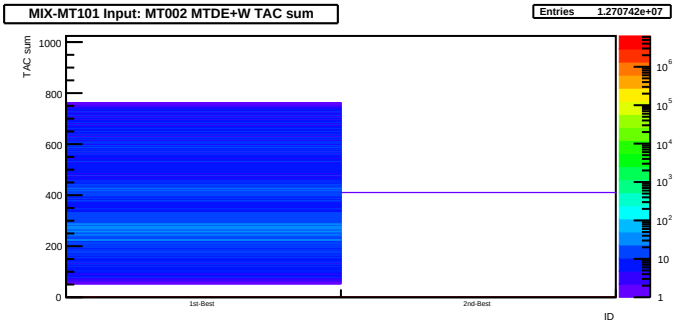

MXQ-MT001
Entries 2.033188e+08

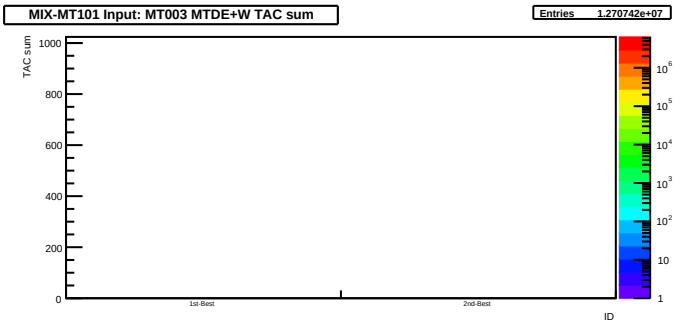

MXQ-MT002
Entries 2.033188e+08

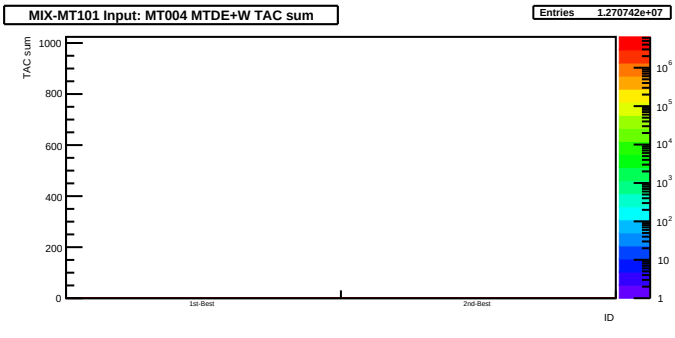

MXQ-MT003
Entries 2.033188e+08

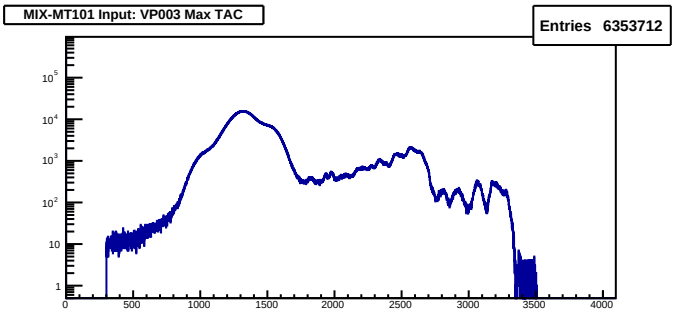

MXQ-MT004
Entries 2.033188e+08

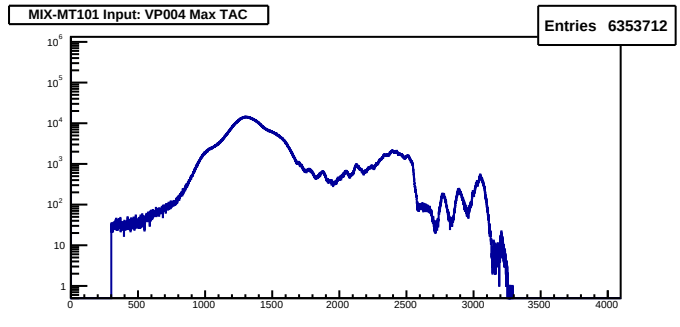

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.270742e+07
TAC sum
1st-Best
2nd-Best
ID

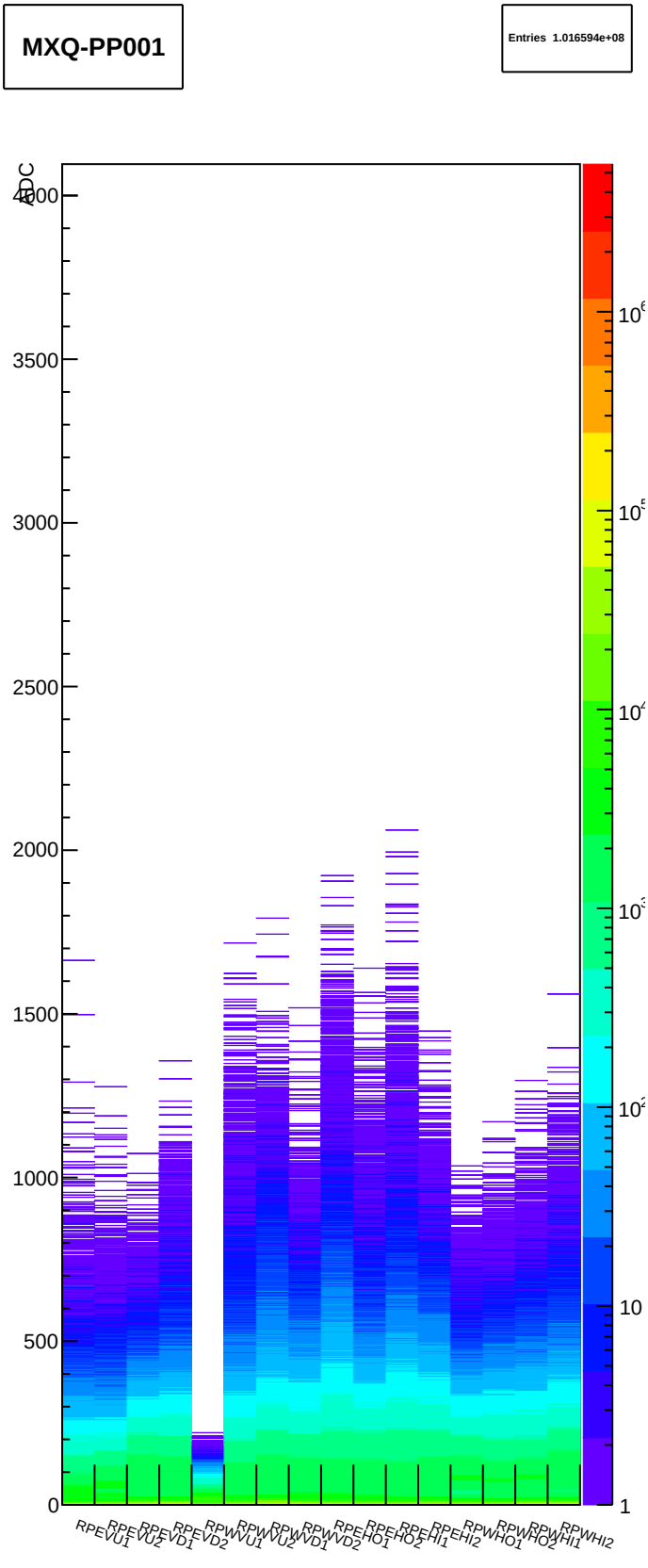

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.270742e+07
TAC sum
1st-Best
2nd-Best
ID

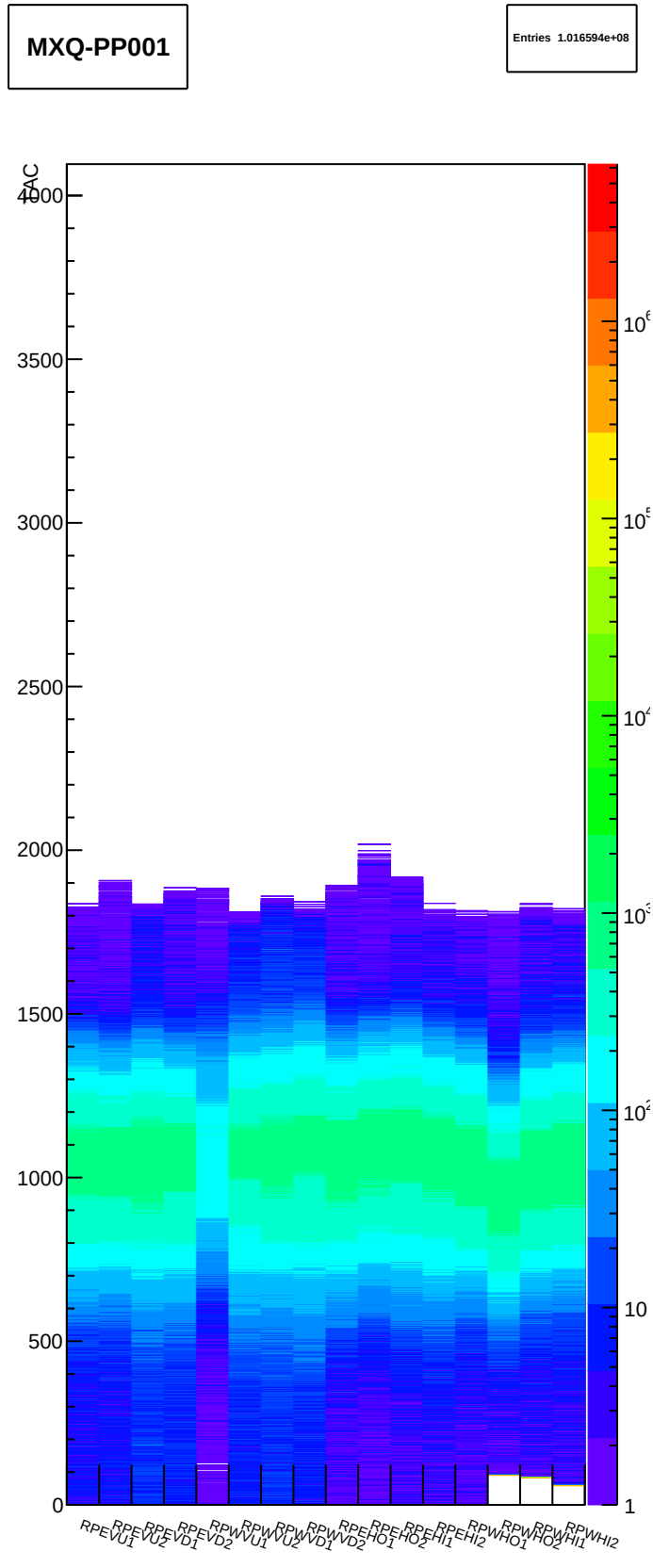

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.270742e+07
TAC sum
1st-Best
2nd-Best
ID

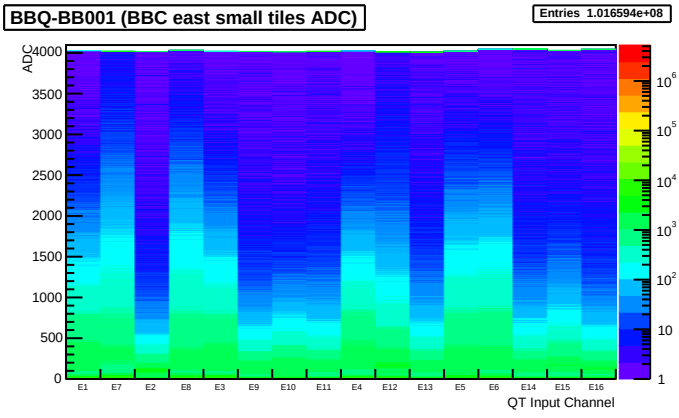

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.270742e+07
TAC sum
1st-Best
2nd-Best
ID

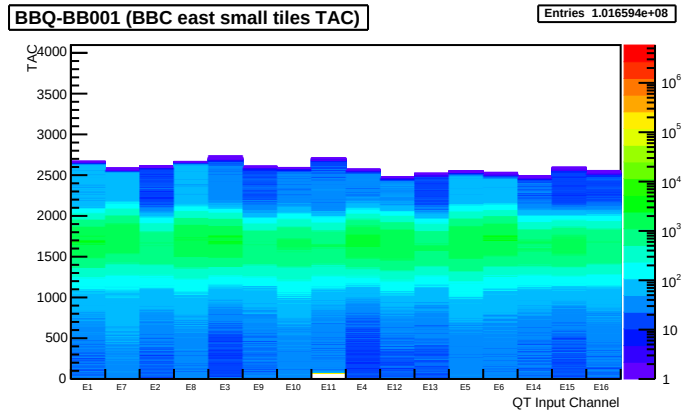

MIX-MT101 Input: VP003 Max TAC
Entries 6353712

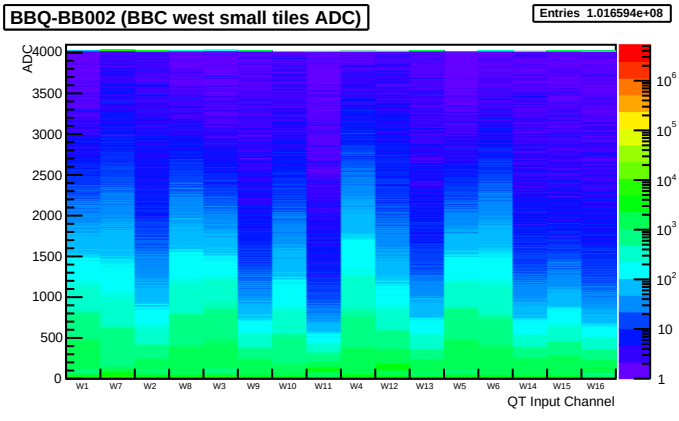

MIX-MT101 Input: VP004 Max TAC
Entries 6353712

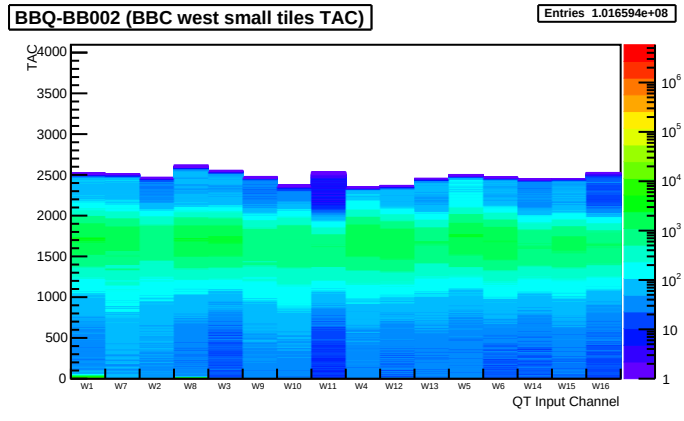

MXQ-PP001
Entries 1.016594e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

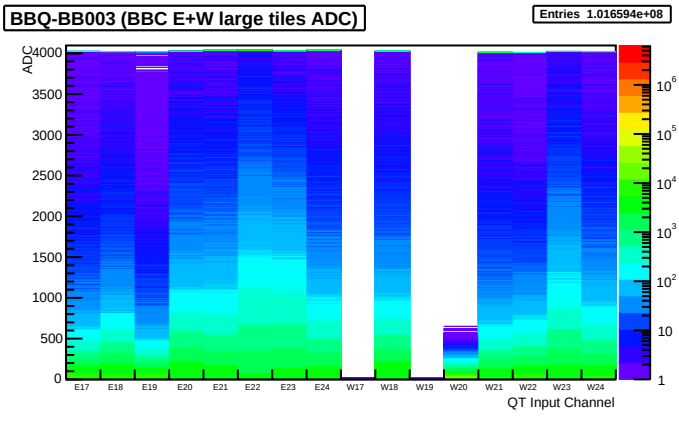

MXQ-PP001
Entries 1.016594e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

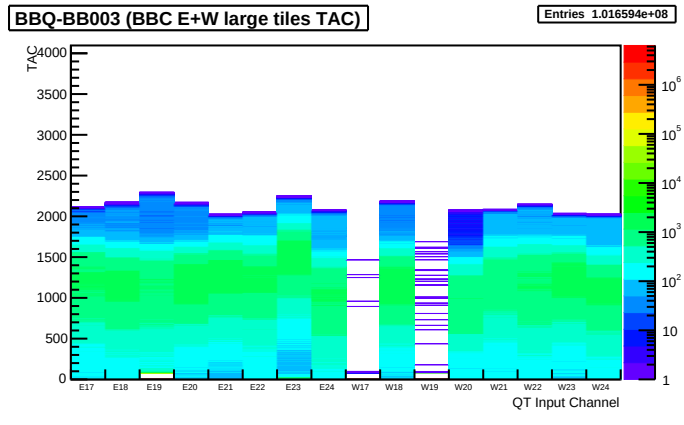

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.016594e+08
ADC
QT Input Channel

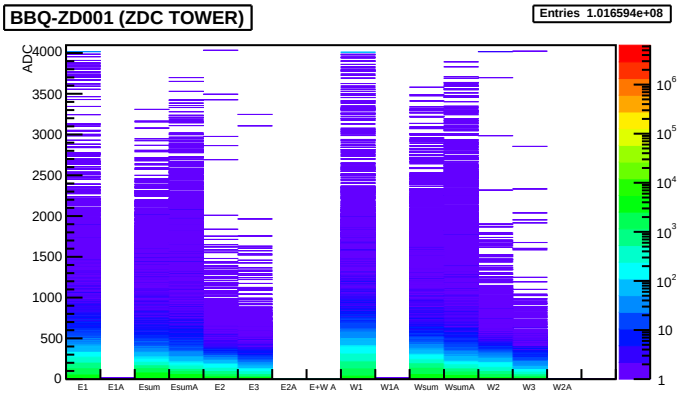

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.016594e+08
TAC
QT Input Channel

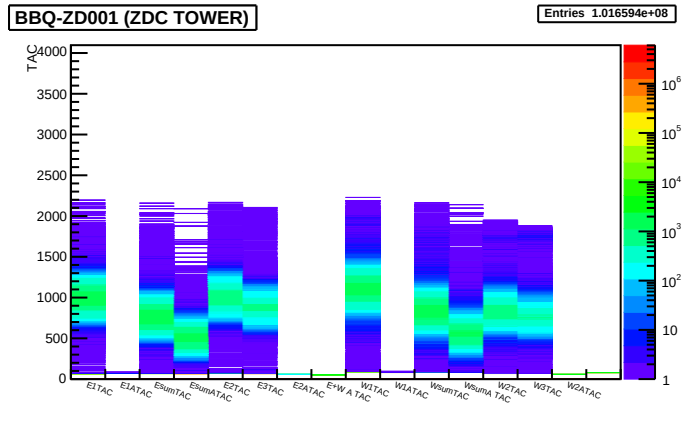

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.016594e+08
ADC
QT Input Channel

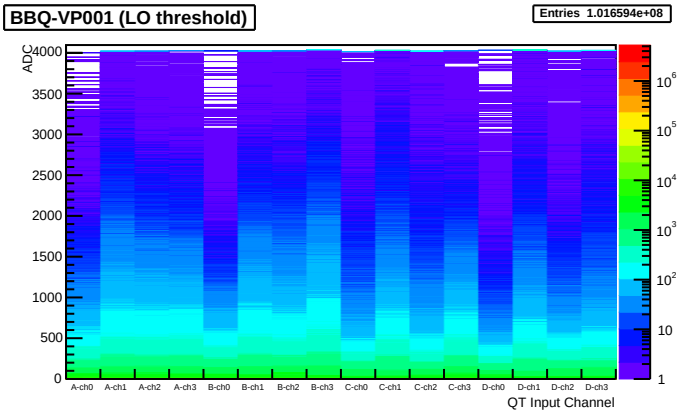

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.016594e+08
TAC
QT Input Channel

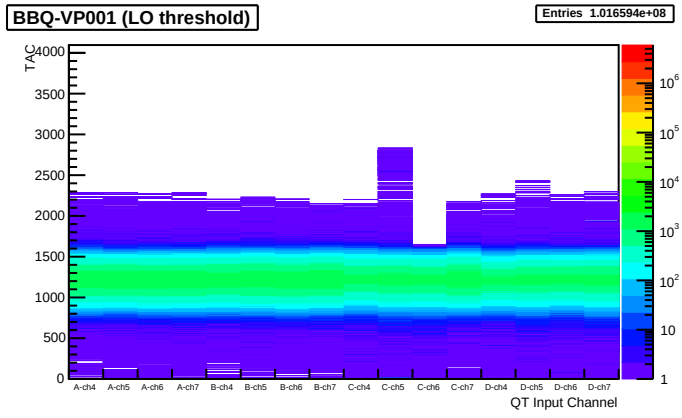

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.016594e+08
ADC
QT Input Channel

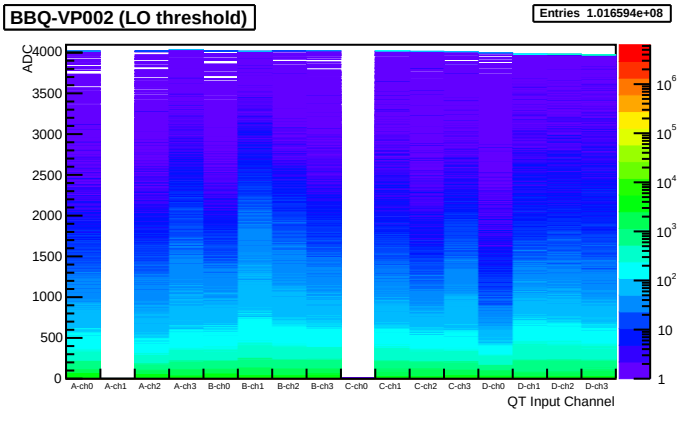

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.016594e+08
TAC
QT Input Channel

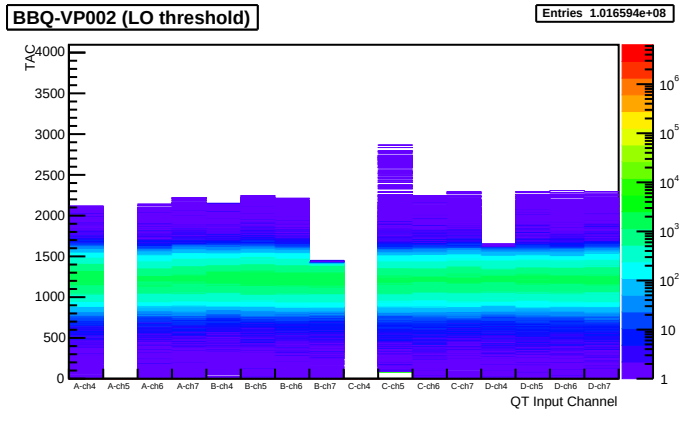

BBQ-ZD001 (ZDC TOWER)
Entries 1.016594e+08
ADC

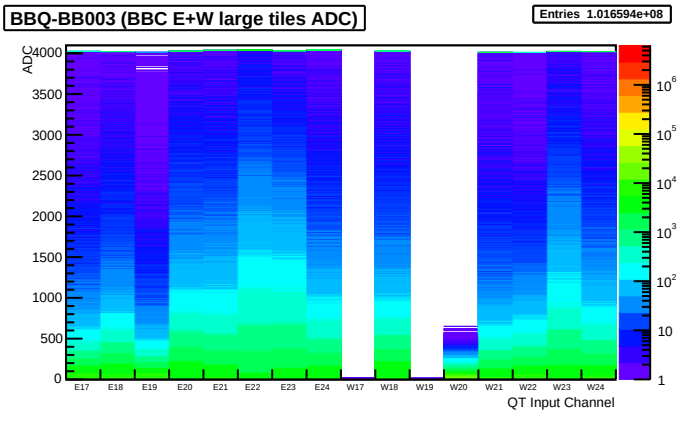

BBQ-ZD001 (ZDC TOWER)
Entries 1.016594e+08
TAC

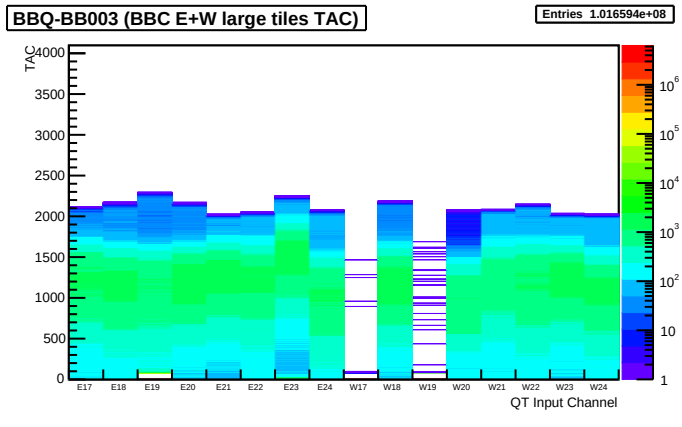

BBQ-VP001 (LO threshold)
Entries 1.016594e+08
ADC
QT Input Channel

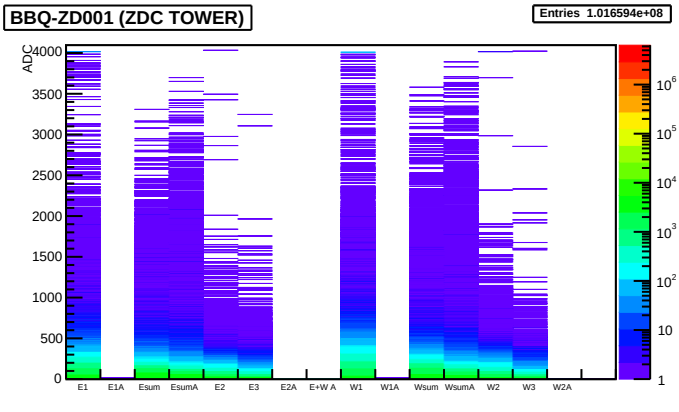

BBQ-VP001 (LO threshold)
Entries 1.016594e+08
TAC
QT Input Channel

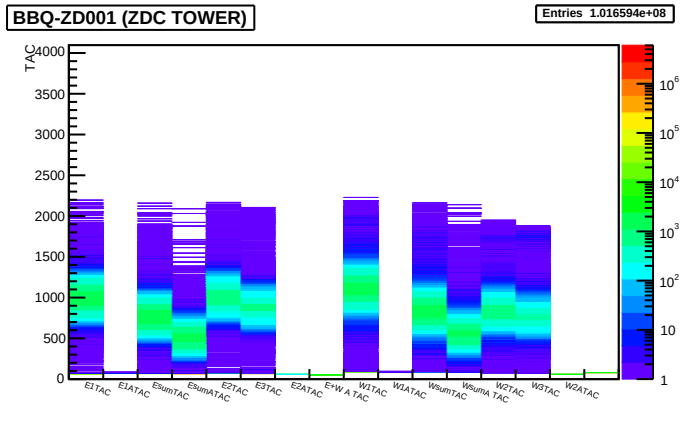

BBQ-VP002 (LO threshold)
Entries 1.016594e+08
ADC
QT Input Channel

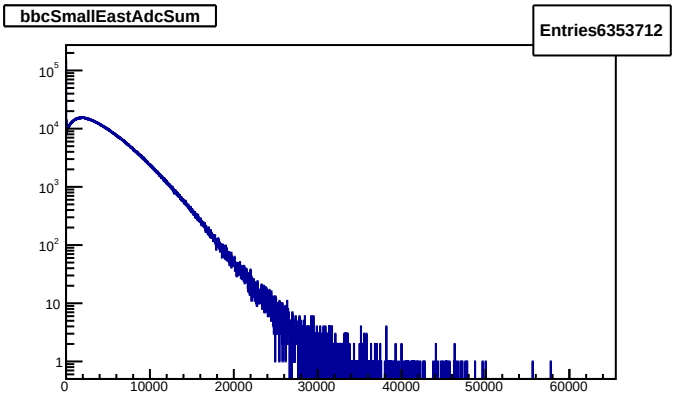

BBQ-VP002 (LO threshold)
Entries 1.016594e+08
TAC
QT Input Channel

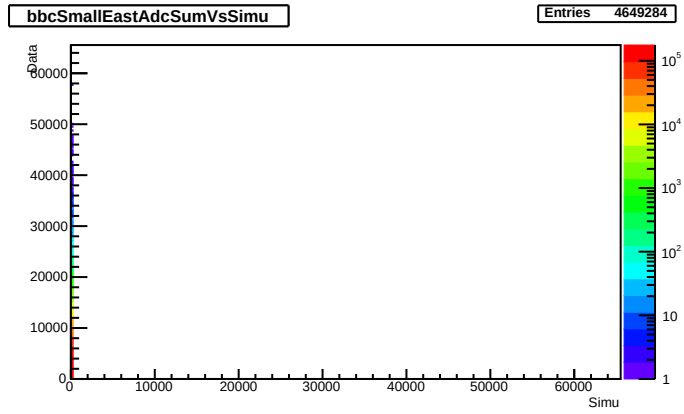

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.016594e+08
ADC
QT Input Channel

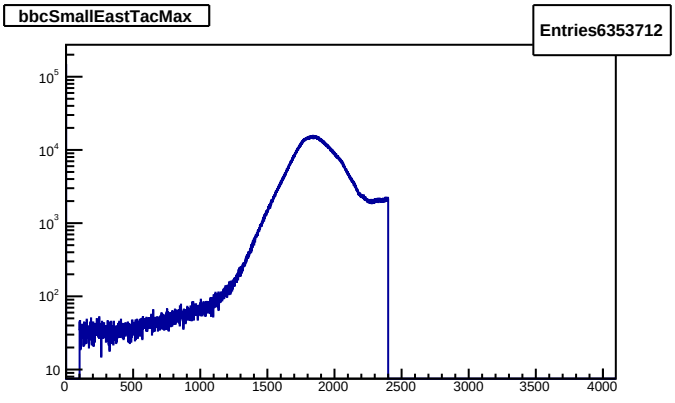

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.016594e+08
TAC
QT Input Channel

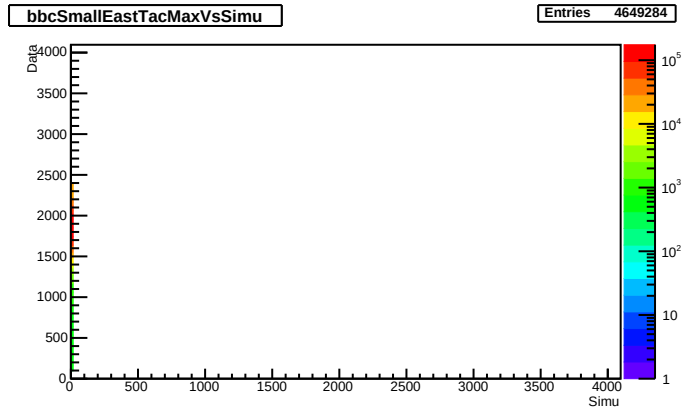

BBQ-ZD001 (ZDC TOWER)
Entries 1.016594e+08
ADC

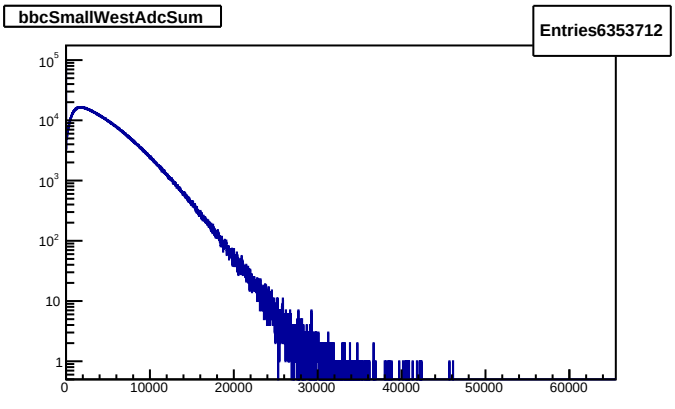

BBQ-ZD001 (ZDC TOWER)
Entries 1.016594e+08
TAC

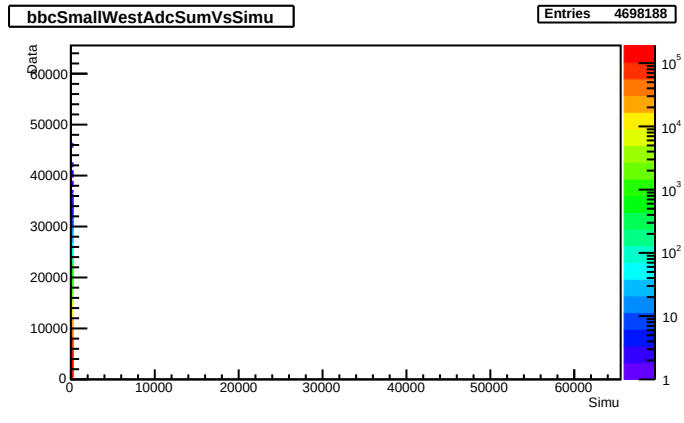

bbcSmallEastAdcSum
Entries6353712

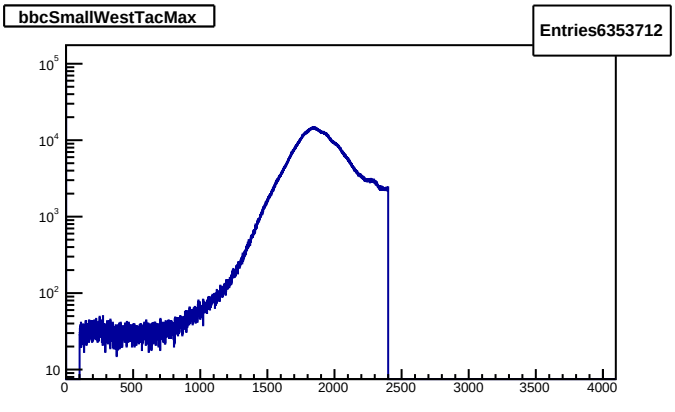

bbcSmallEastAdcSumVsSimu
Entries 4649284
Data
Simu

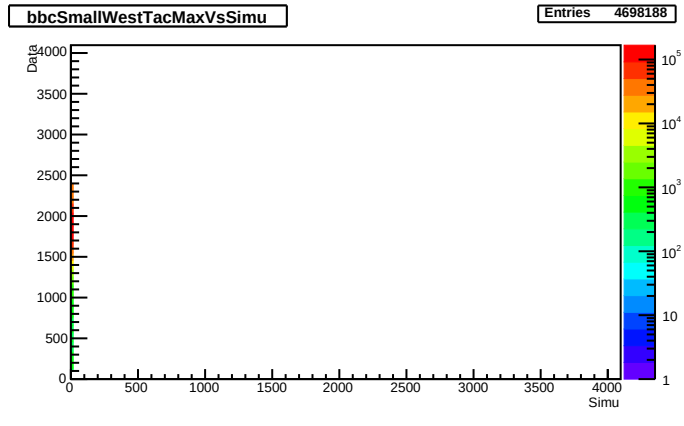

bbcSmallEastTacMax
Entries6353712

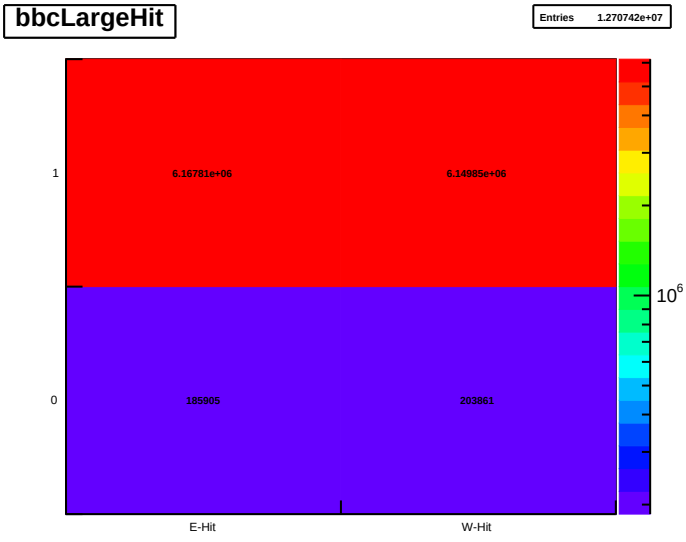

bbcSmallEastTacMaxVsSimu
Entries 4649284
Data
Simu

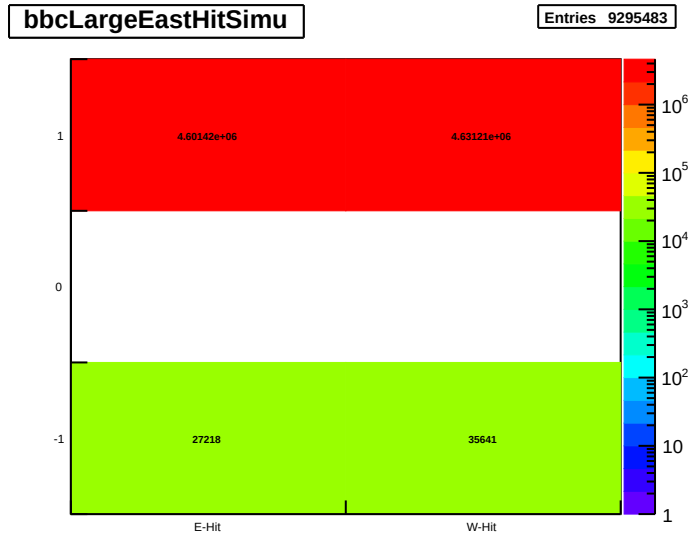

bbcSmallWestAdcSum
Entries6353712

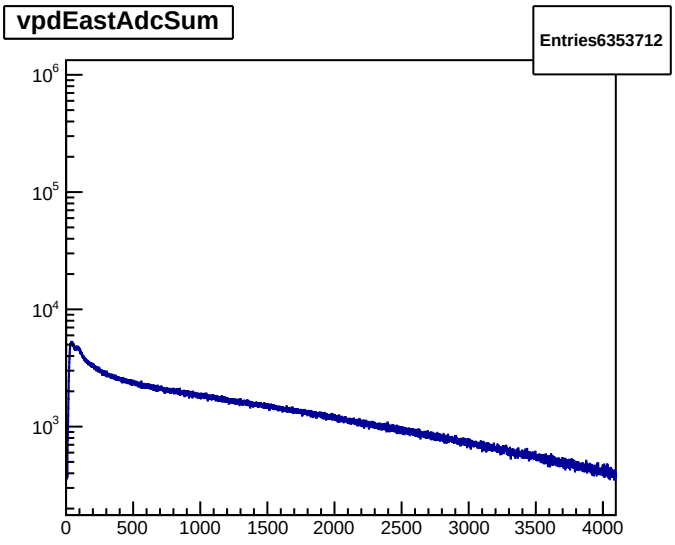

bbcSmallWestAdcSumVsSimu
Entries 4698188
Data
Simu

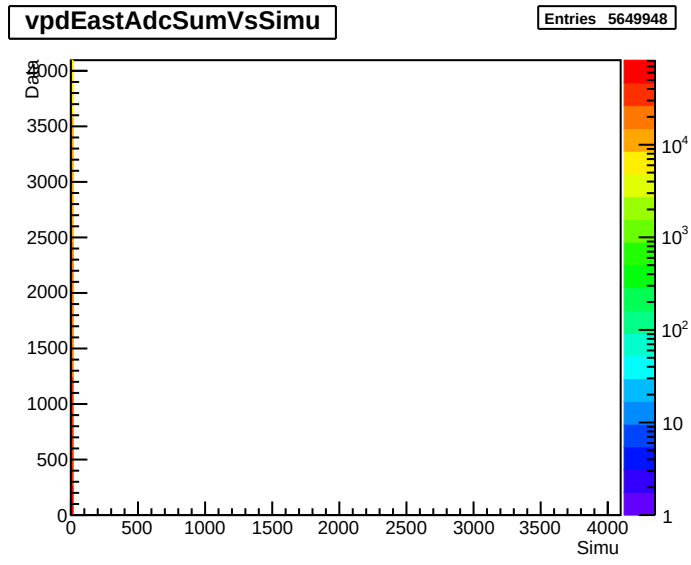

bbcSmallWestTacMax
Entries6353712

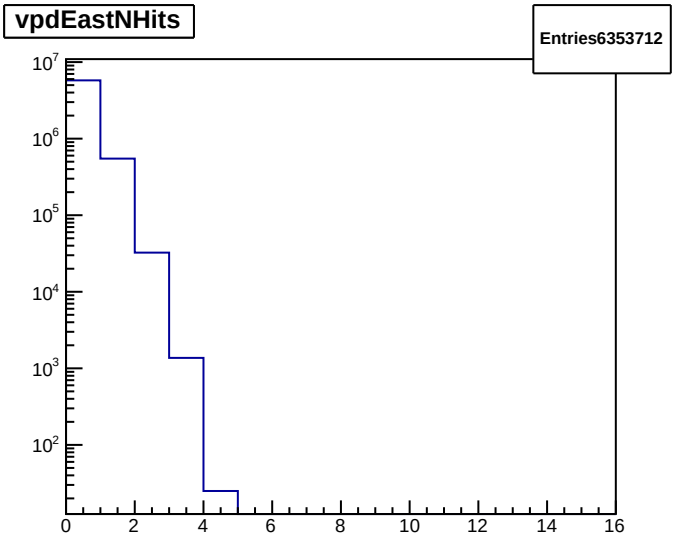

bbcSmallWestTacMaxVsSimu
Entries 4698188
Data
Simu

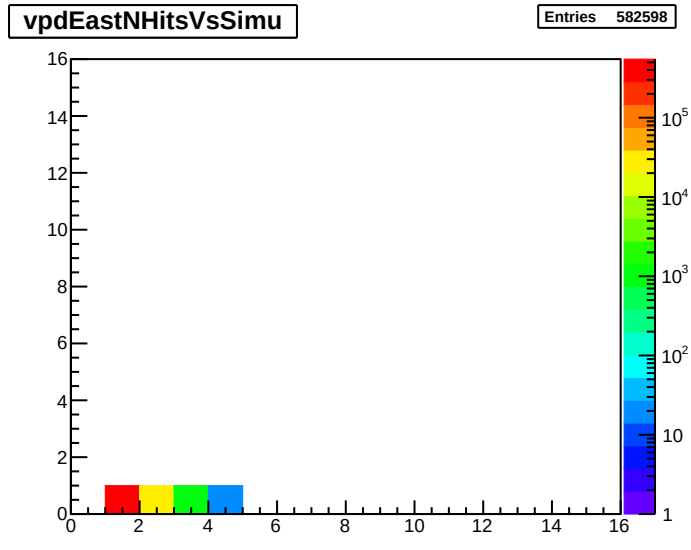

bbcLargeHit
Entries 1.270742e+07
1
0
6.16781e+06
6.14985e+06
185905
203861
E-Hit
W-Hit
10^6

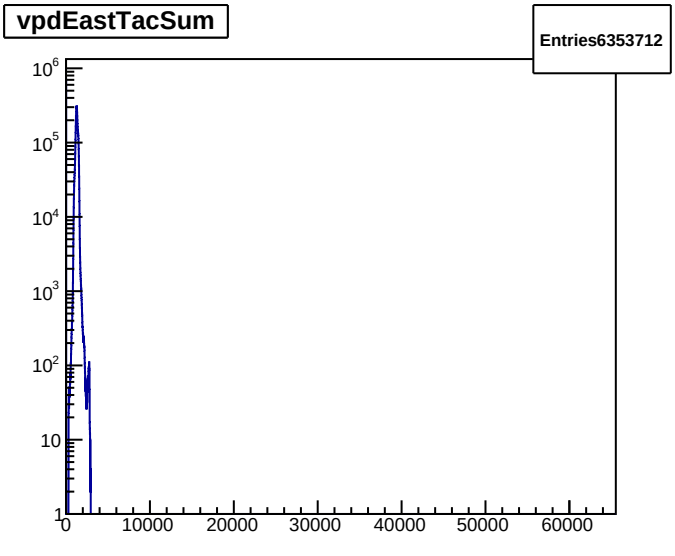

bbcLargeEastHitSimu
Entries 9295483
1
0
-1
4.60142e+06
4.63121e+06
27218
35641
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

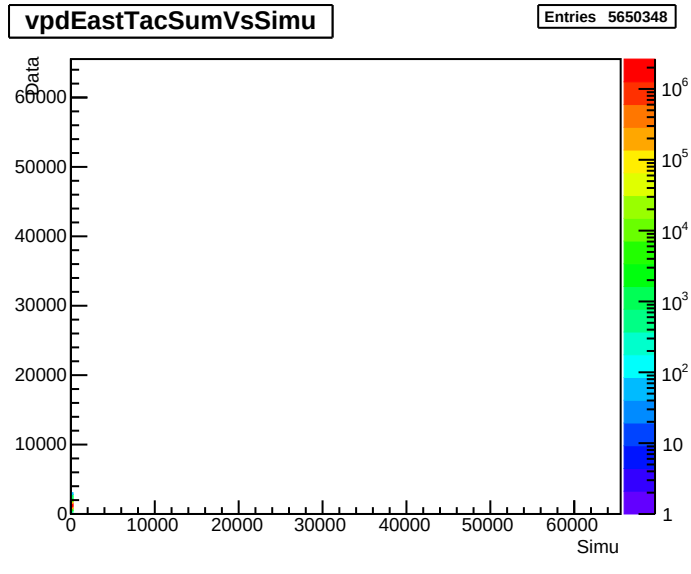

vpdEastAdcSum
Entries6353712

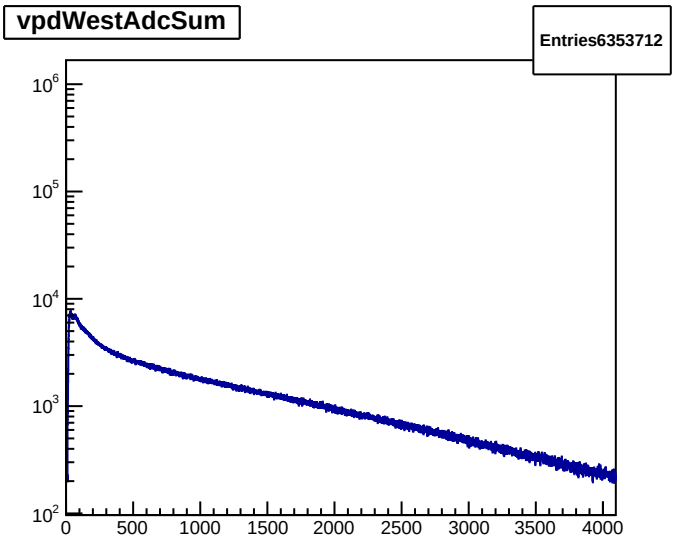

vpdEastAdcSumVsSimu
Entries 5649948
Data
Simu

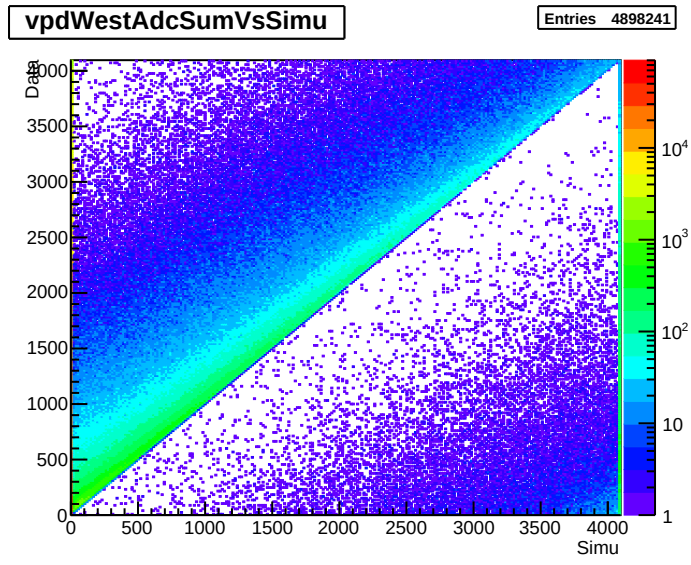

vpdEastNHits
Entries6353712

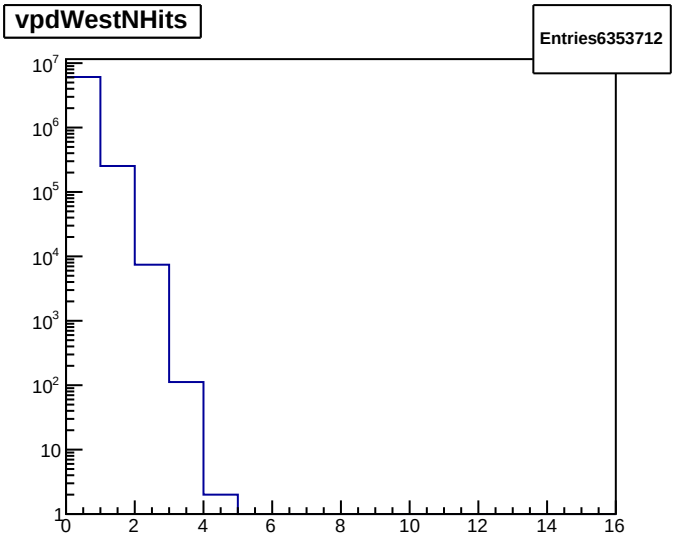

vpdEastNHitsVsSimu
Entries 582598

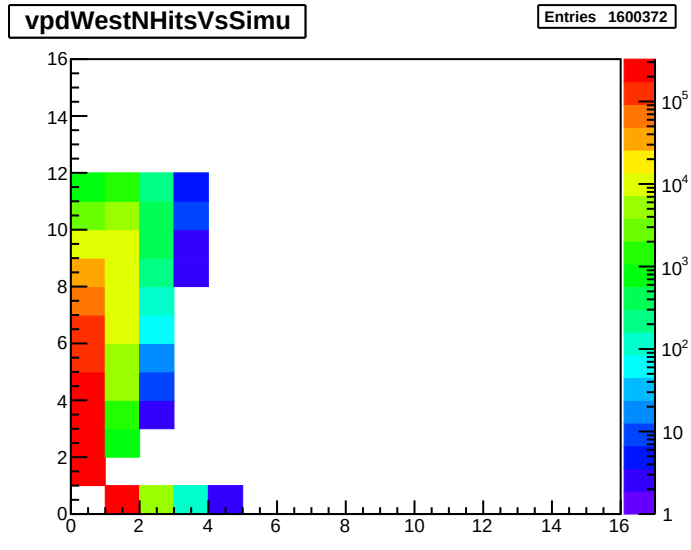

vpdEastTacSum
Entries6353712

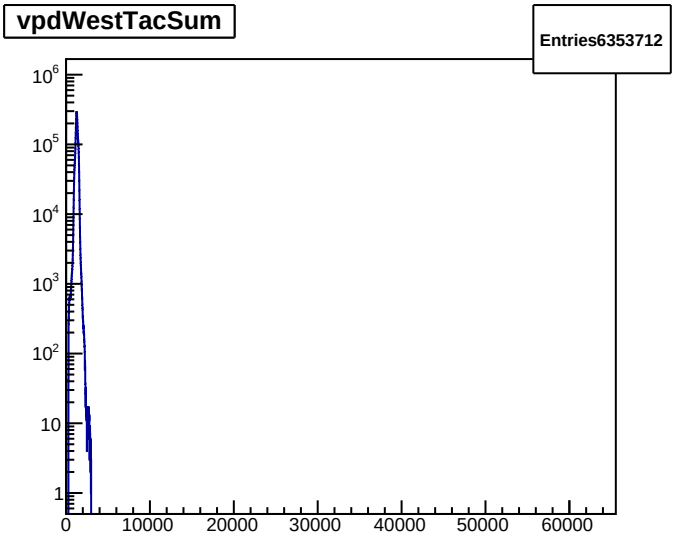

vpdEastTacSumVsSimu
Entries 5650348
Data
Simu

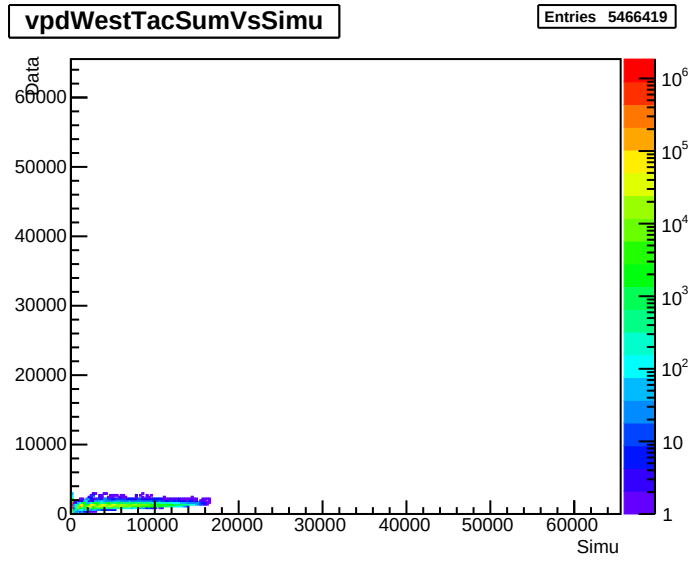

vpdWestAdcSum
Entries6353712

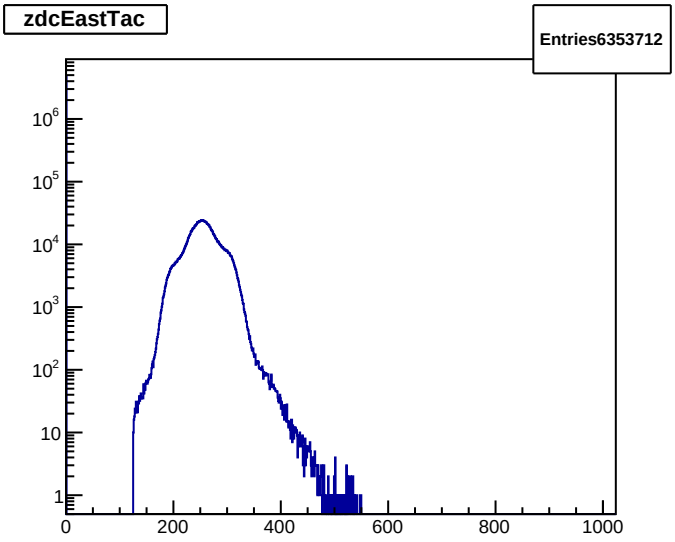

vpdWestAdcSumVsSimu
Entries 4898241
Data
Simu

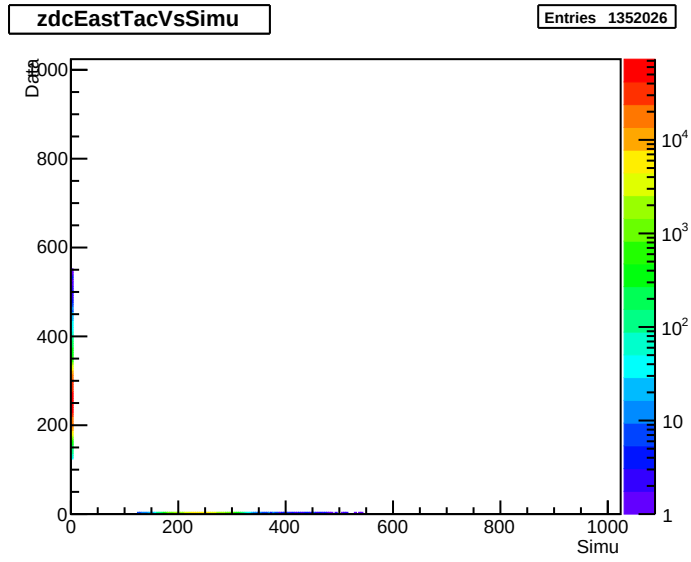

vpdWestNHits
Entries6353712

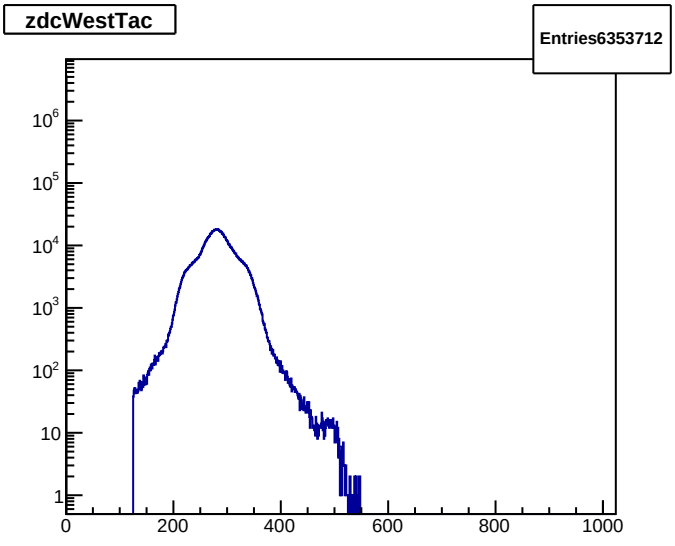

vpdWestNHitsVsSimu
Entries 1600372

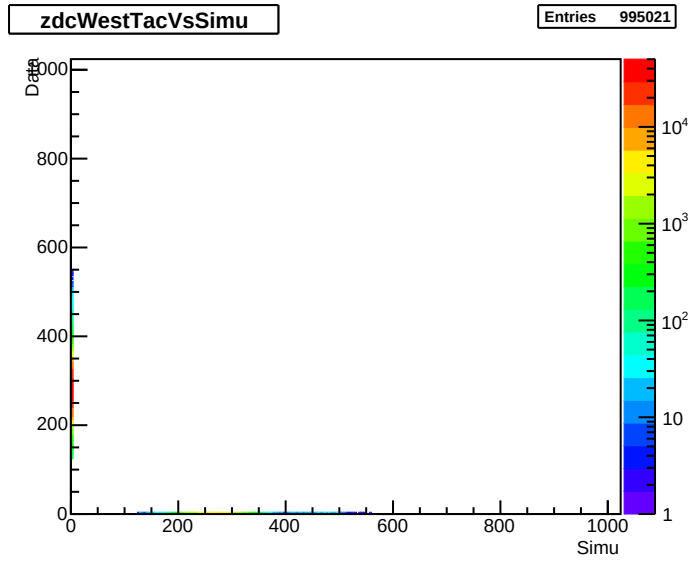

vpdWestTacSum
Entries6353712

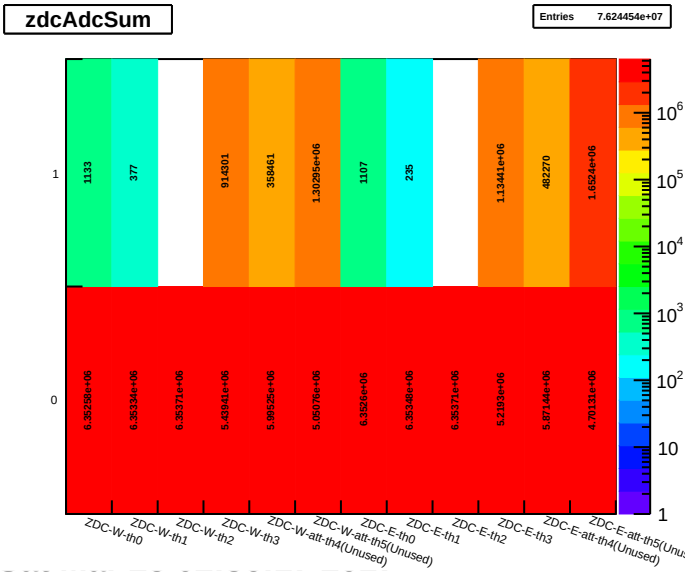

vpdWestTacSumVsSimu
Entries 5466419
Data
Simu

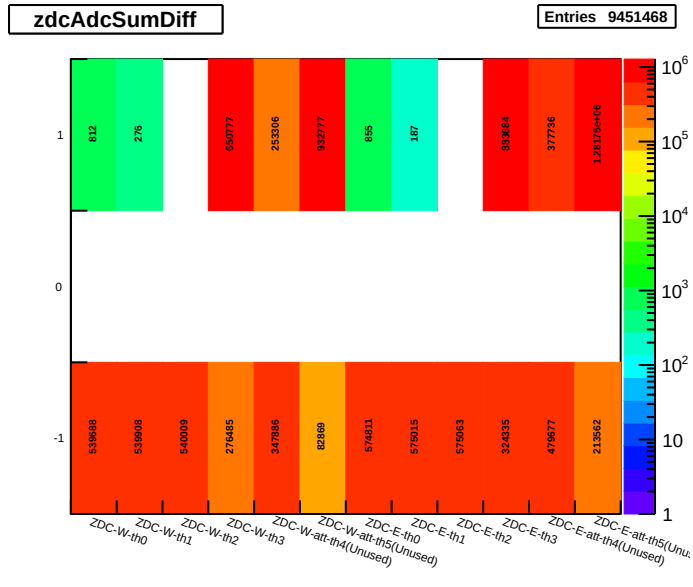

zdcEastTac
Entries6353712

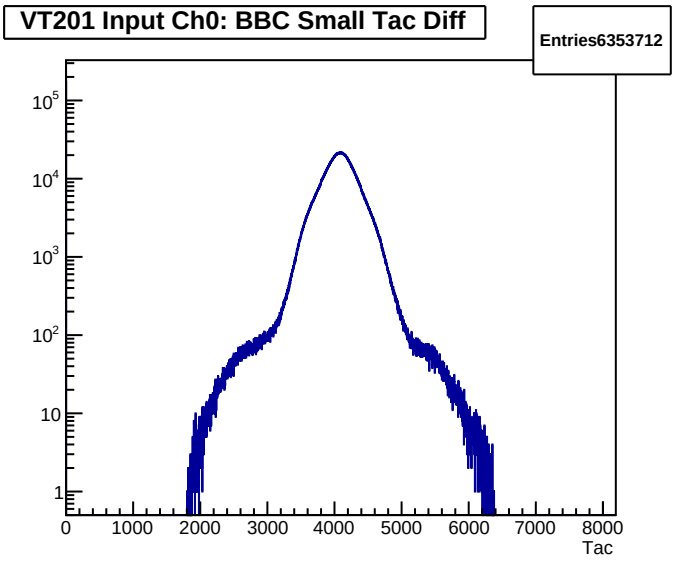

zdcEastTacVsSimu
Entries 1352026
Data
Simu

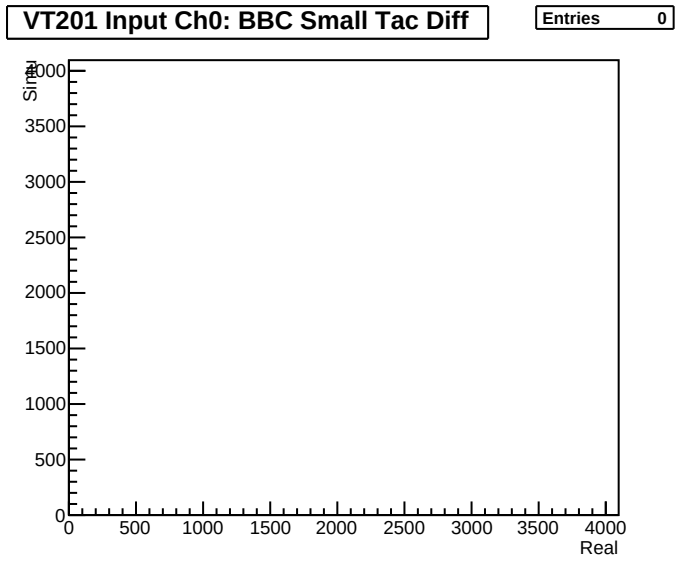

zdcWestTac
Entries6353712

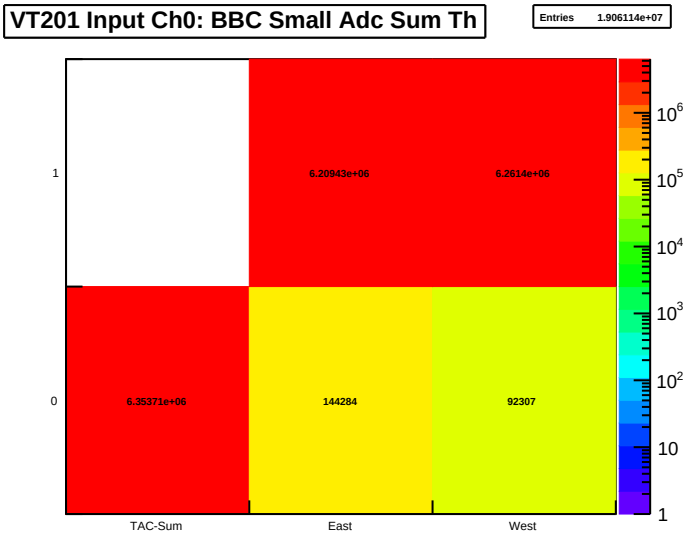

zdcWestTacVsSimu
Entries 995021
Data
Simu

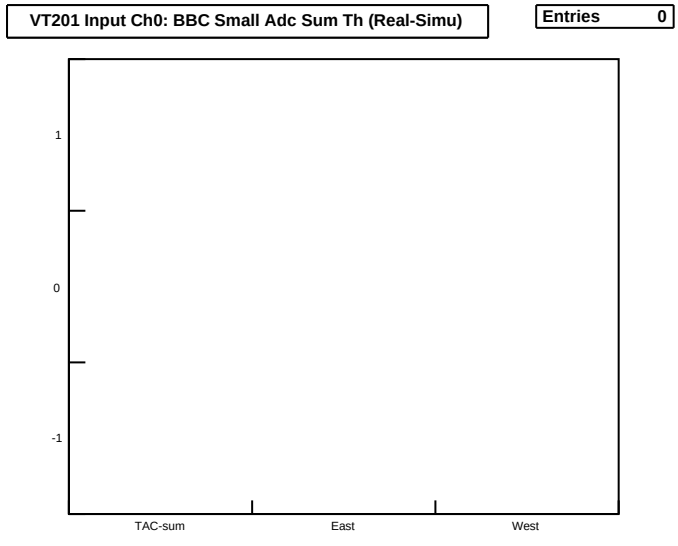

zdcAdcSum
Entries 7.624454e+07
1133
377
914301
358461
1.30295e+06
1107
235
1.13441e+06
482270
1.6524e+06
6.35258e+06
6.35334e+06
6.35371e+06
5.43941e+06
5.99525e+06
5.05076e+06
6.3526e+06
6.35348e+06
6.35371e+06
5.2192e+06
5.87144e+06
4.70131e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

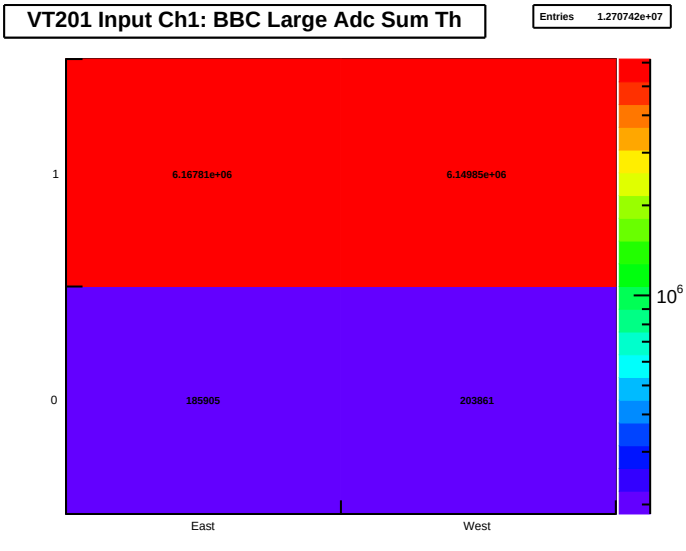

zdcAdcSumDiff
Entries 9451468
812
276
650777
253306
932777
855
187
883684
377736
1.28175e+06
536688
539908
540009
276485
347886
82869
574811
575015
575063
324335
479677
213562
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

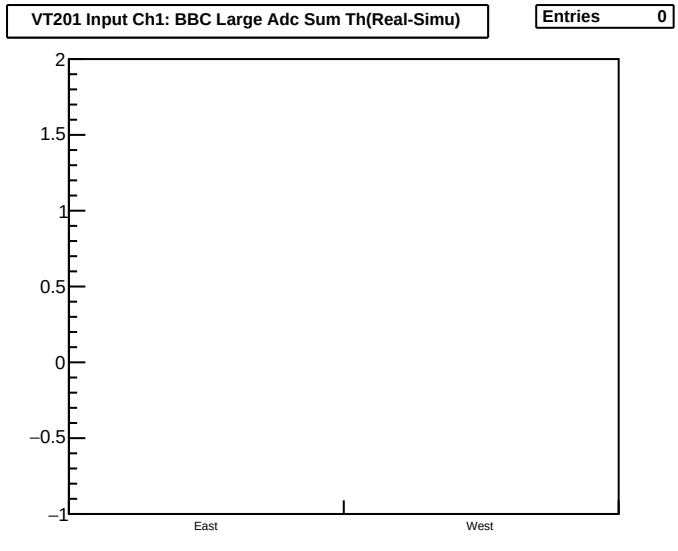

VT201 Input Ch0: BBC Small Tac Diff
Entries6353712
Tac


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

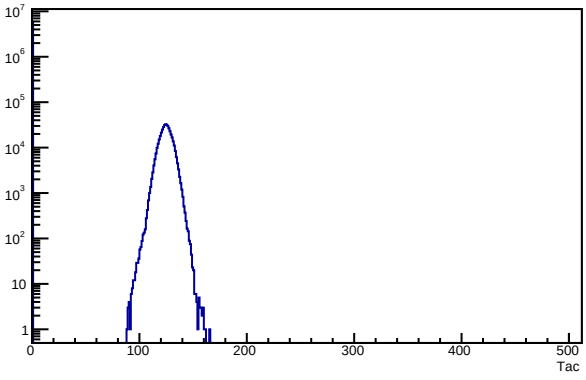

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.906114e+07
6.20943e+06
6.2614e+06
6.35371e+06
144284
92307
TAC-Sum
East
West


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

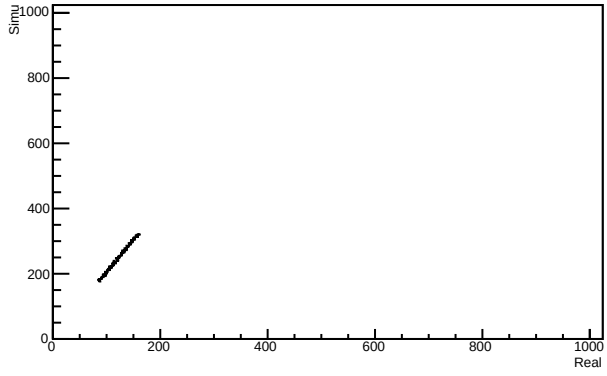

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.270742e+07
6.16781e+06
6.14985e+06
185905
203861
East
West


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

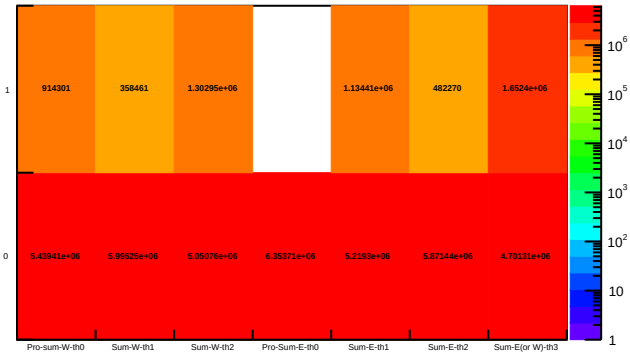
VT201 Input Ch2: ZDC Tac Diff



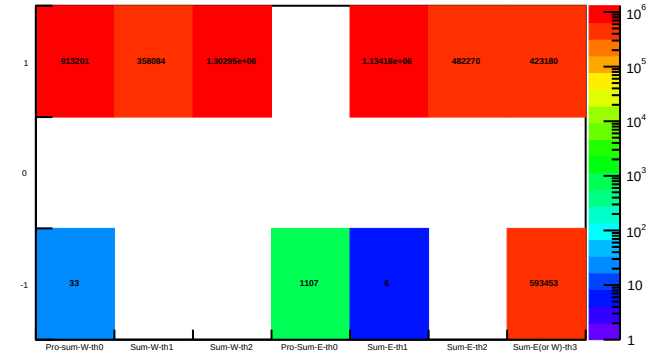
VT201 Input Ch2: ZDC Tac Diff



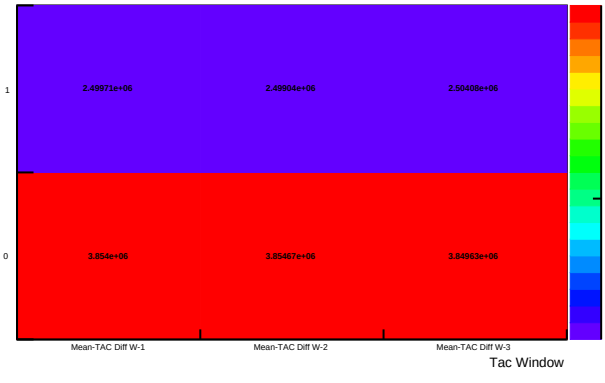
VT201 Input Ch2: ZDC Adc Sum Th



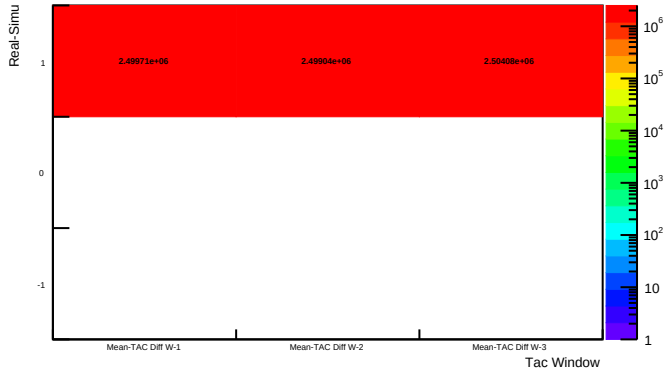
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



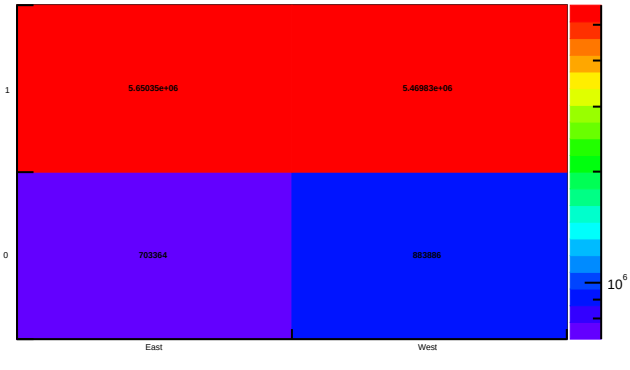
VT201 Input Ch4: VPD Tac Diff



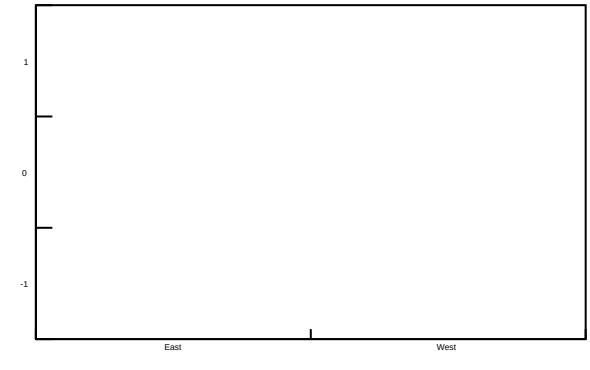
VT201 Input Ch4: VPD Tac Diff

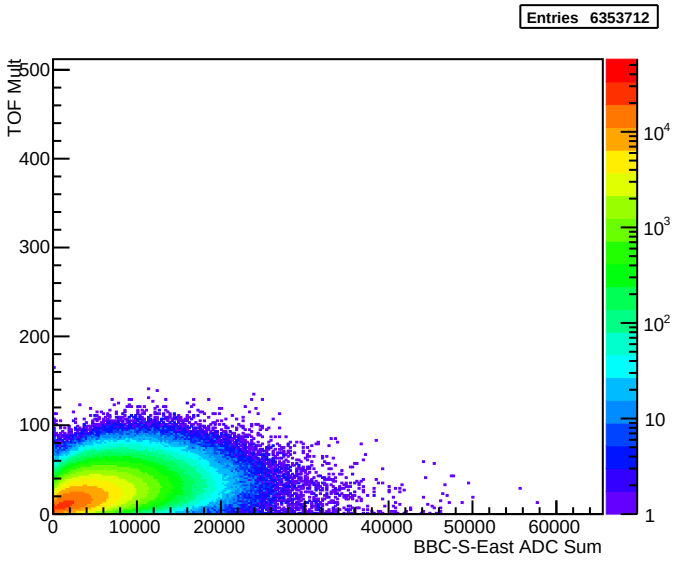


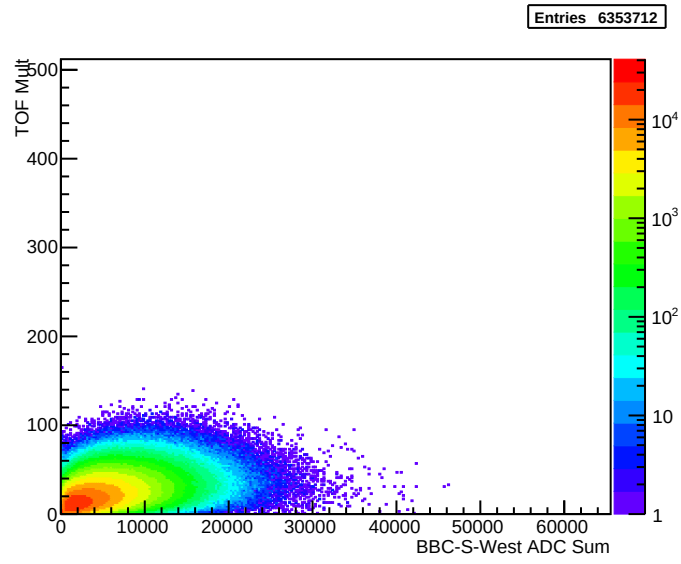
VT201 Input Ch4: VPD Adc Sum Th

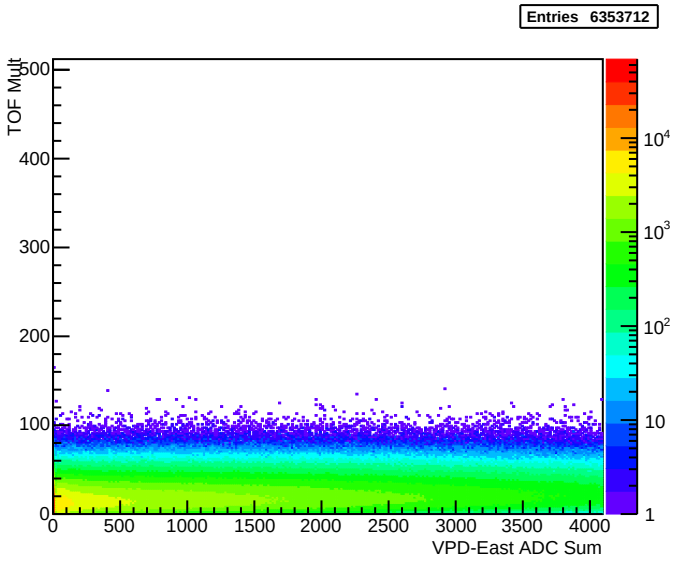


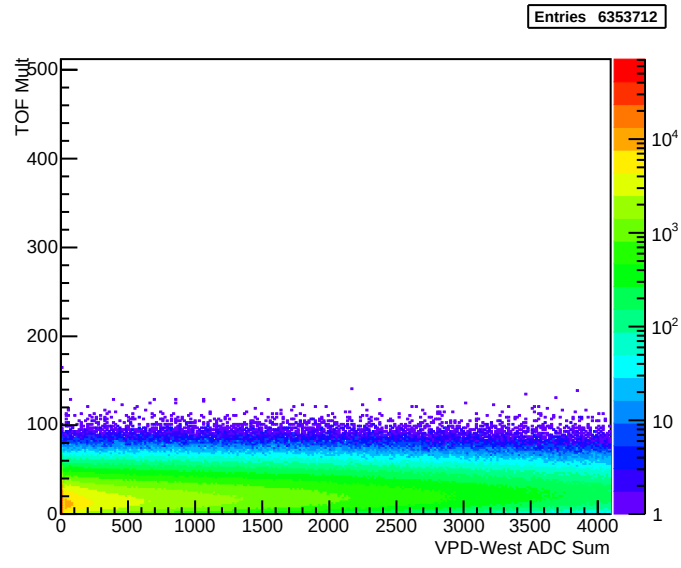
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

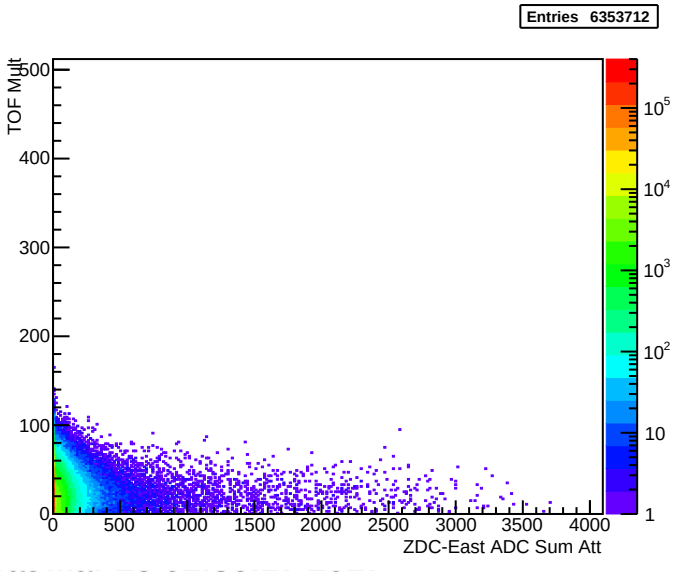


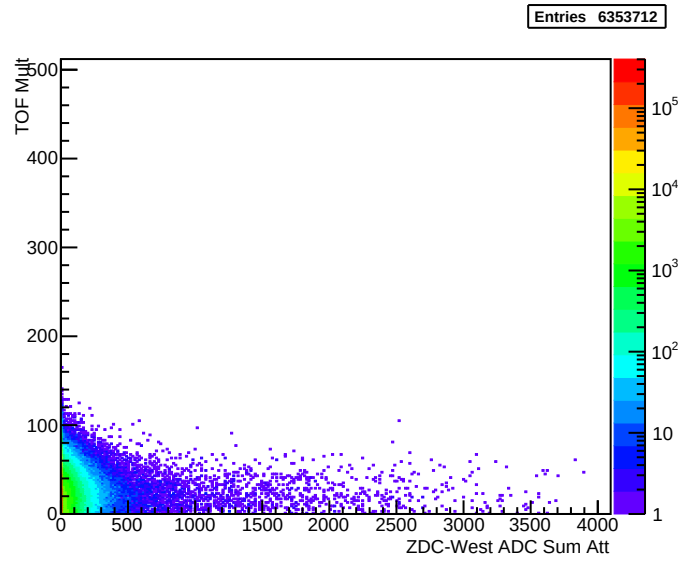

Entries 6353712
TOF Mult
BBC-S-East ADC Sum

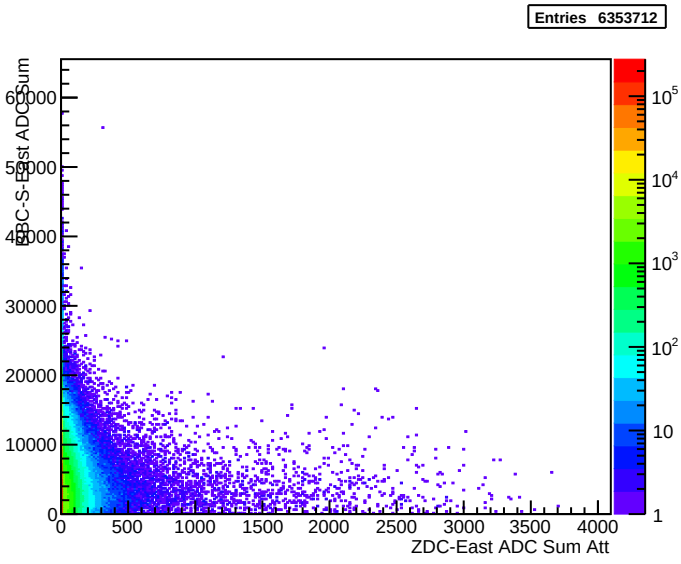

Entries 6353712
TOF Mult
BBC-S-West ADC Sum

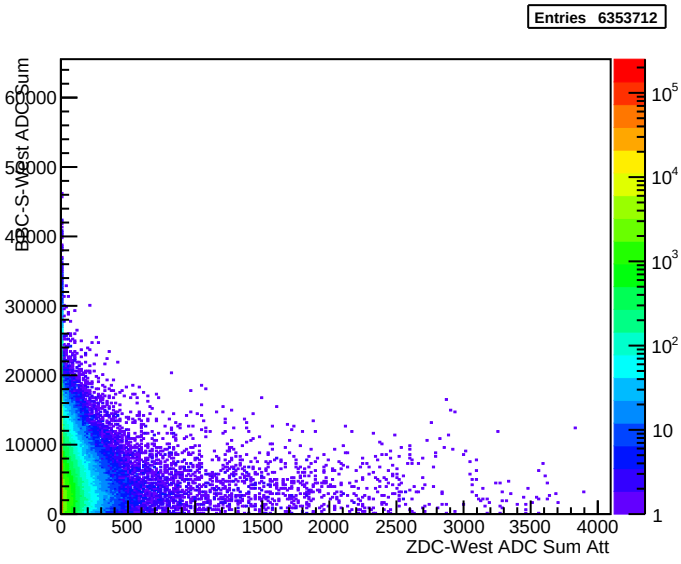

Entries 6353712
TOF Mult
VPD-East ADC Sum

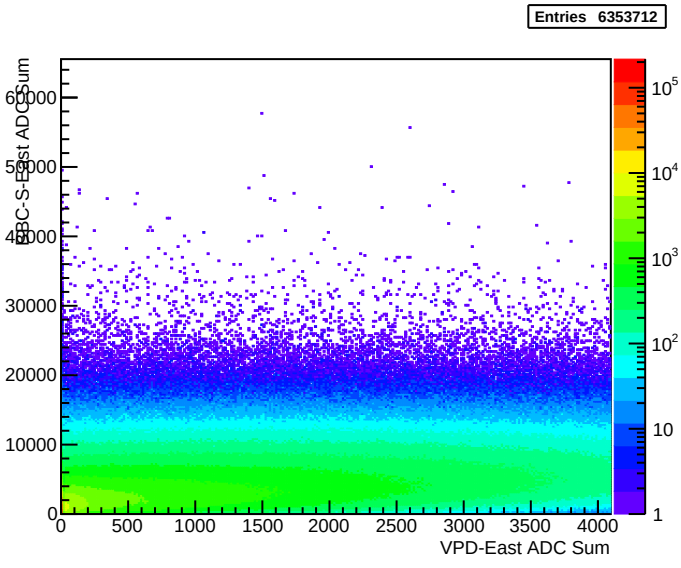

Entries 6353712
TOF Mult
VPD-West ADC Sum

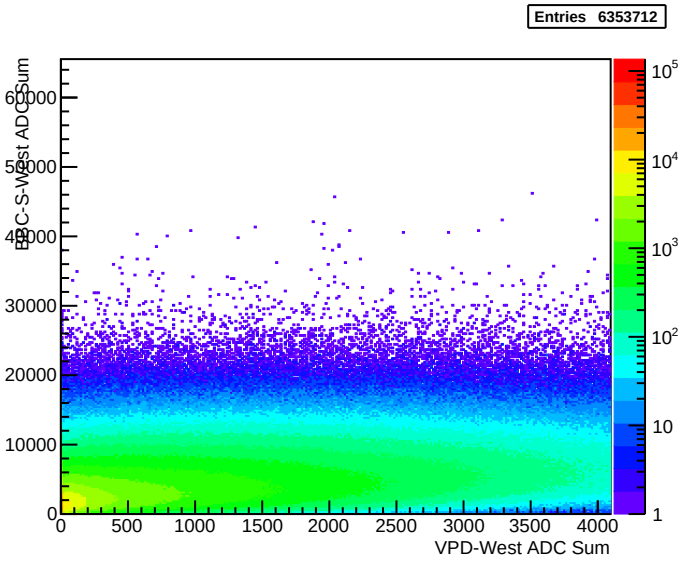

Entries 6353712
TOF Mult
ZDC-East ADC Sum Att

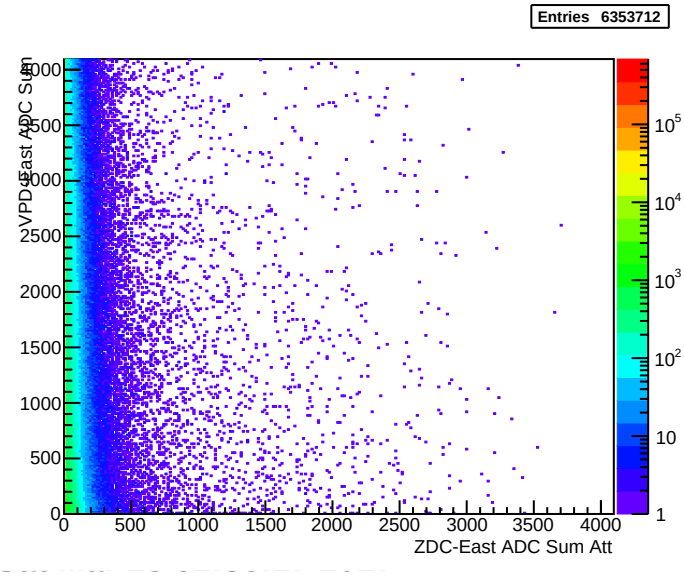

Entries 6353712
TOF Mult
ZDC-West ADC Sum Att

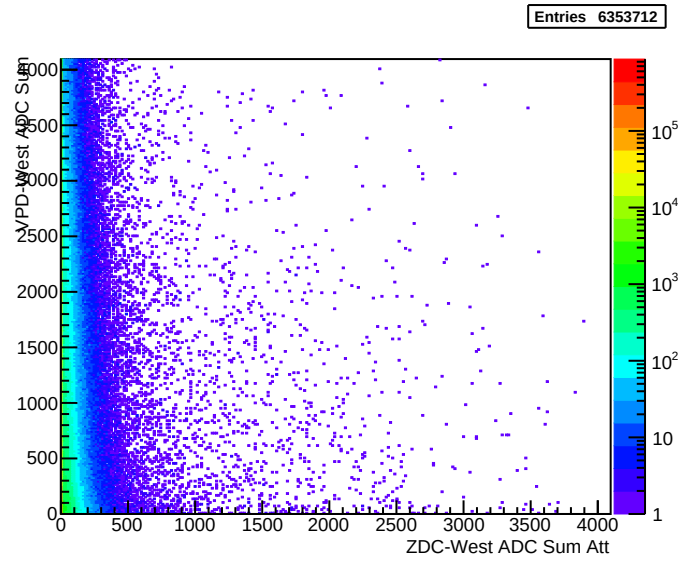

Entries 6353712
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

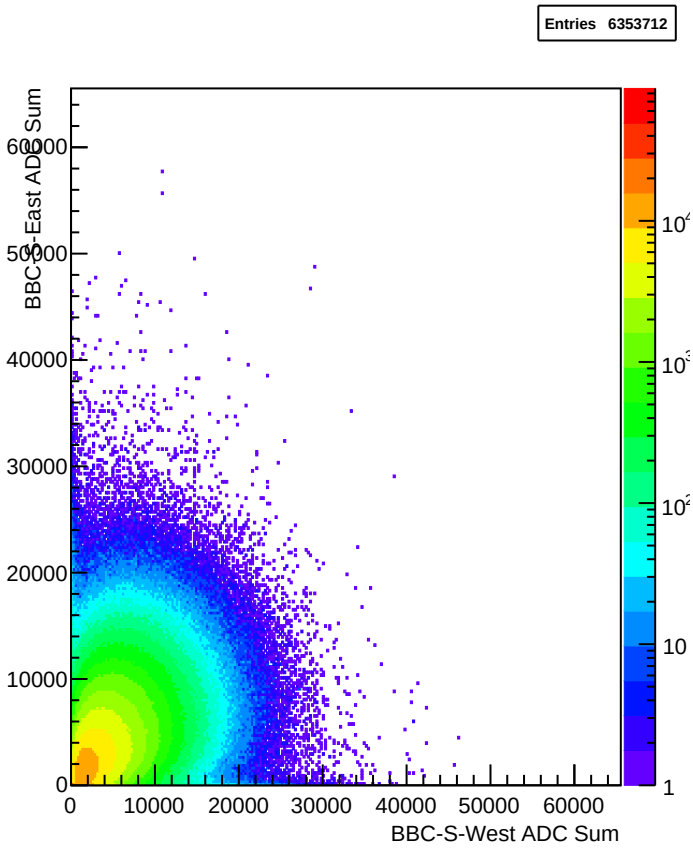

Entries 6353712
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

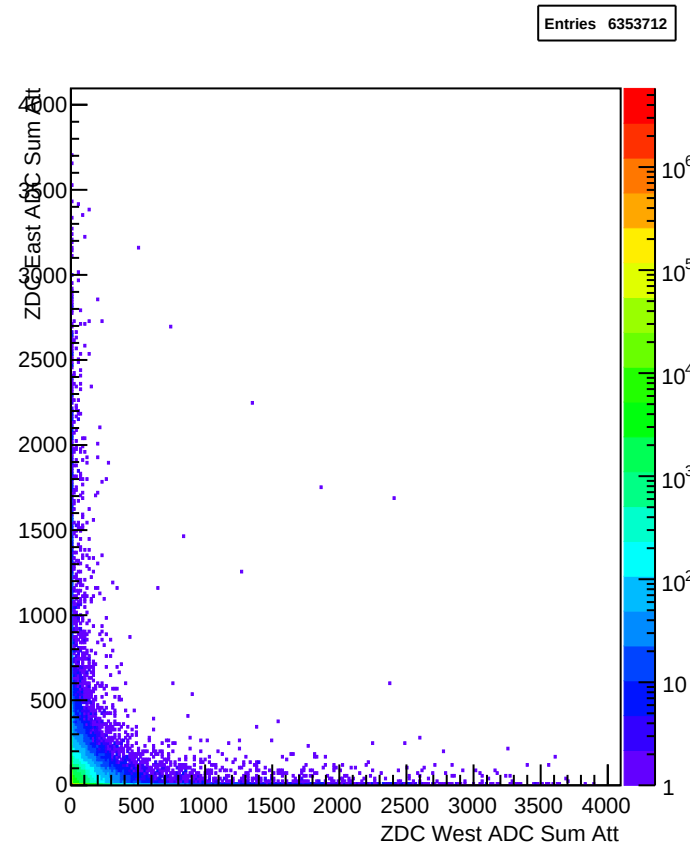

Entries 6353712
BBC-S-East ADC Sum
VPD-East ADC Sum

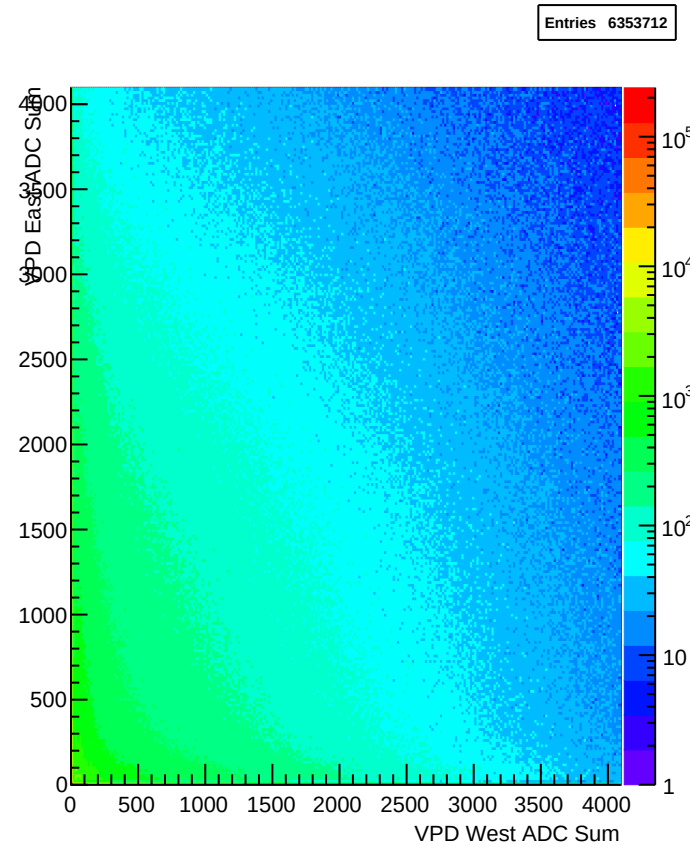

Entries 6353712
BBC-S-West ADC Sum
VPD-West ADC Sum

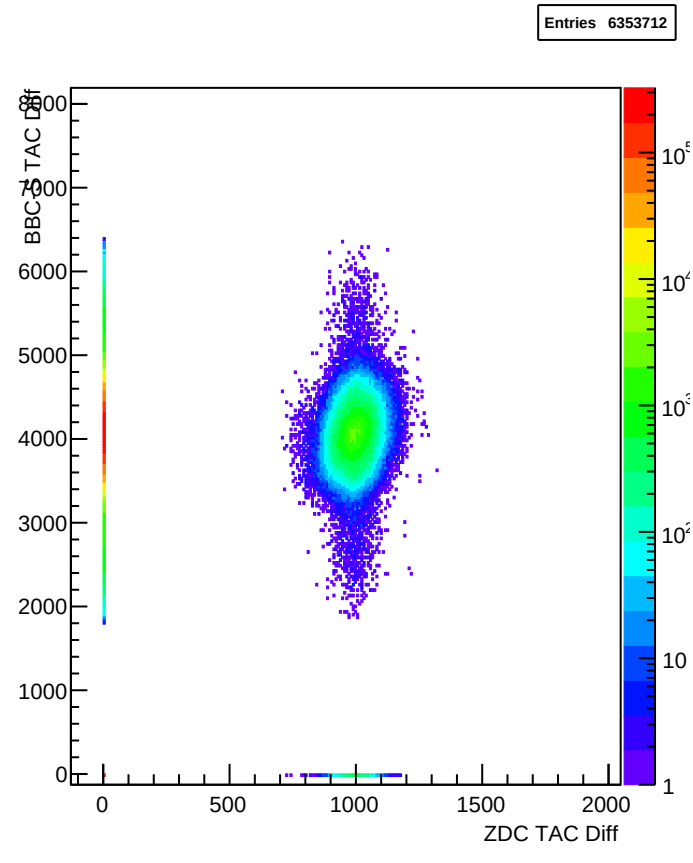

Entries 6353712
VPD-East ADC Sum
ZDC-East ADC Sum Att

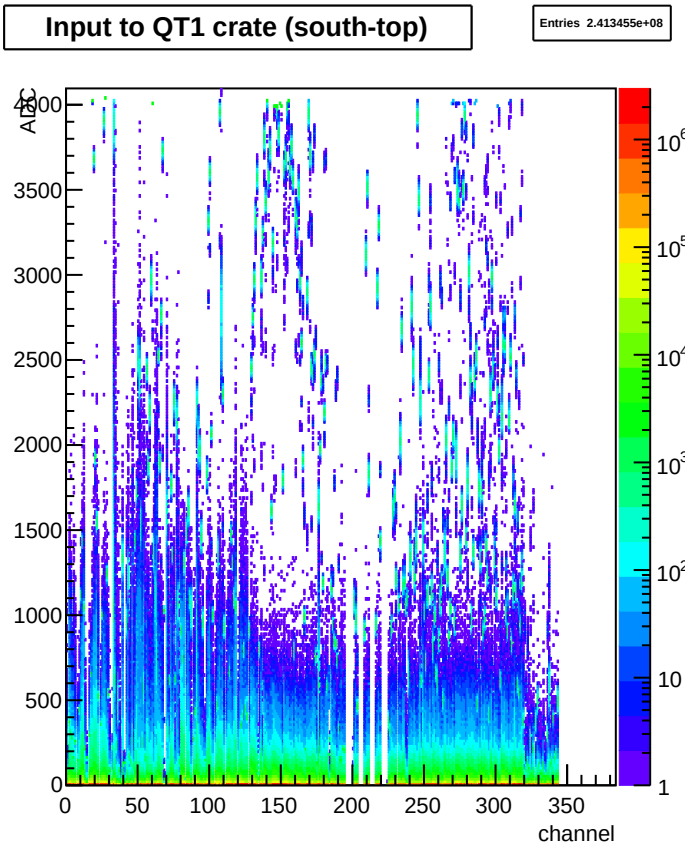

Entries 6353712
VPD-West ADC Sum
ZDC-West ADC Sum Att

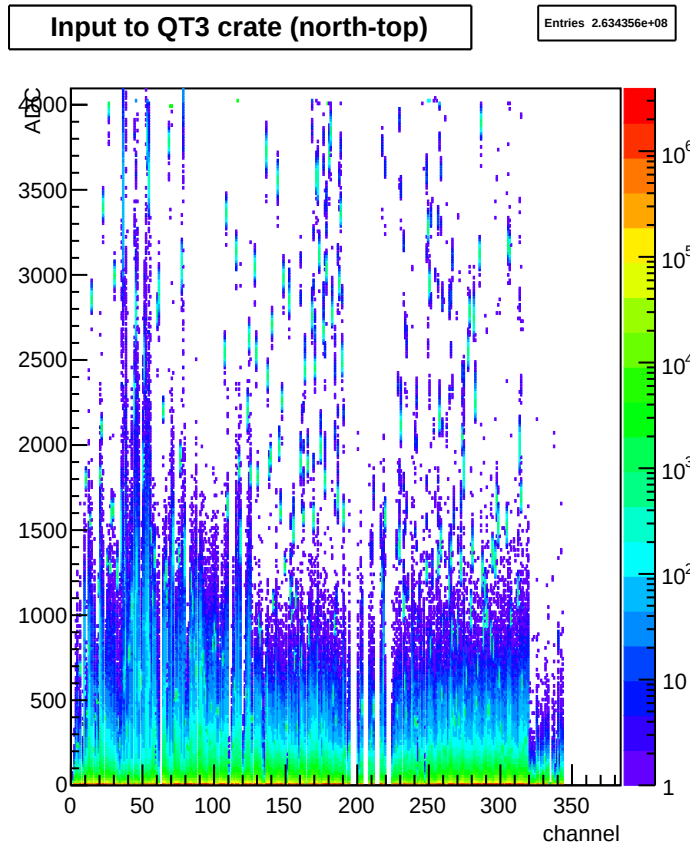

Entries 6353712
BBC-S-East ADC Sum
BBC-S-West ADC Sum

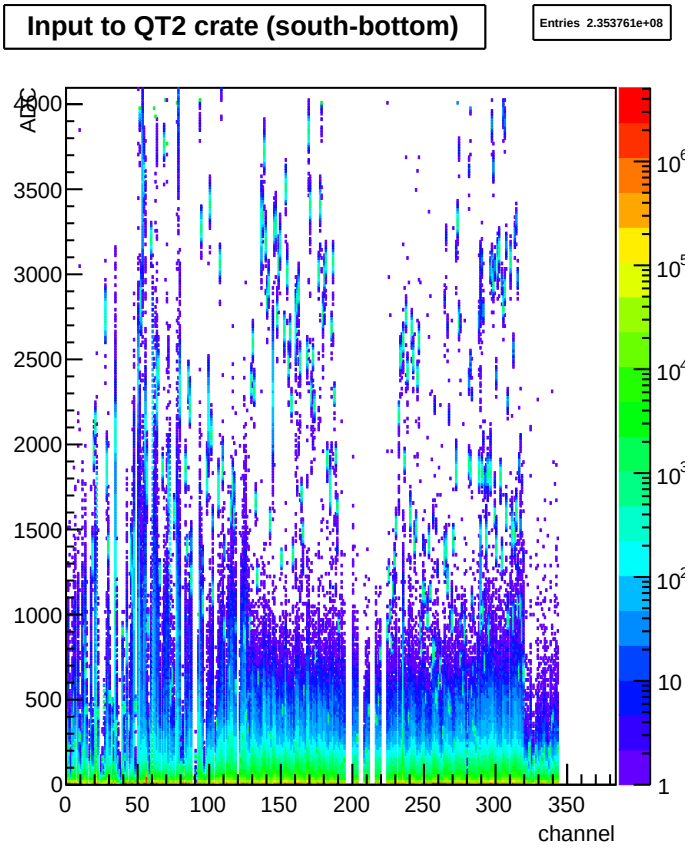

Entries 6353712
ZDC East ADC Sum Att
ZDC West ADC Sum Att

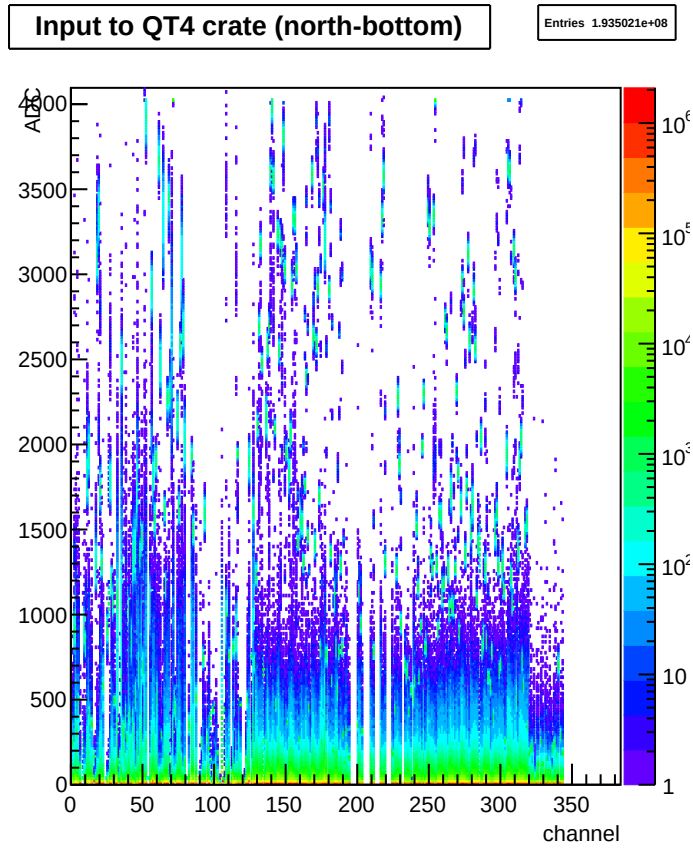

Entries 6353712
VPD East ADC Sum
VPD West ADC Sum

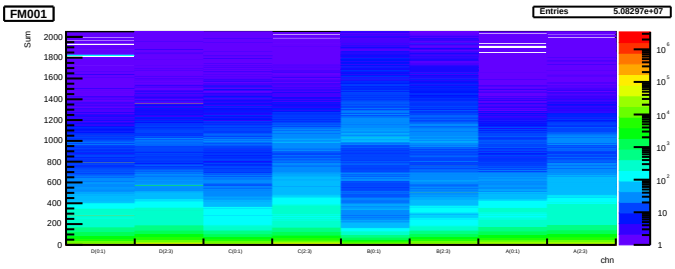

Entries 6353712
BBC-S TAC Diff
ZDC TAC Diff

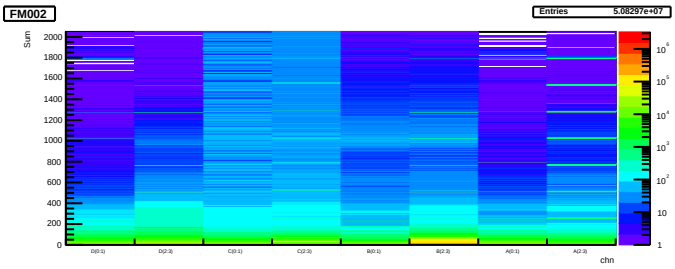

Input to QT1 crate (south-top)
Entries 2.413455e+08
ADC
channel

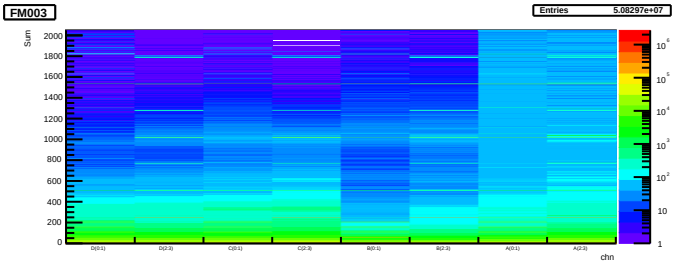

Input to QT3 crate (north-top)
Entries 2.634356e+08
ADC
channel

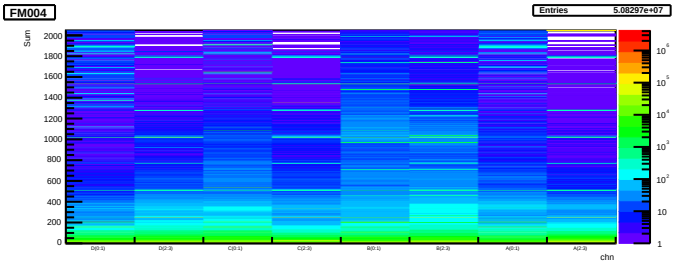

Input to QT2 crate (south-bottom)
Entries 2.353761e+08
ADC
channel

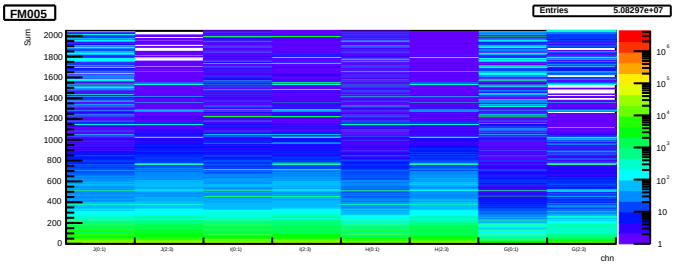

Input to QT4 crate (north-bottom)
Entries 1.935021e+08
ADC
channel

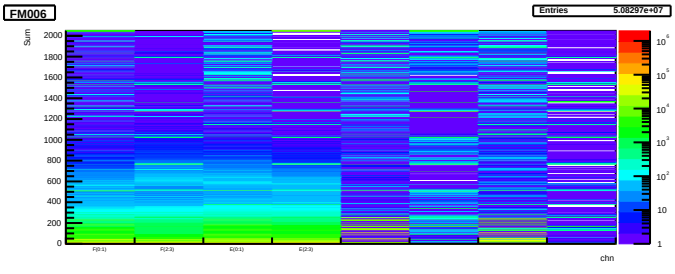

FM001
Entries 5.08297e+07
Sum
chn

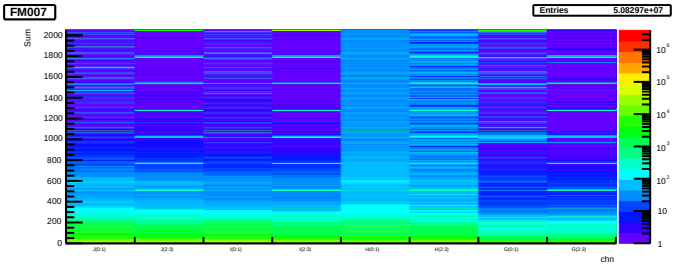

FM002
Entries 5.08297e+07
Sum
chn

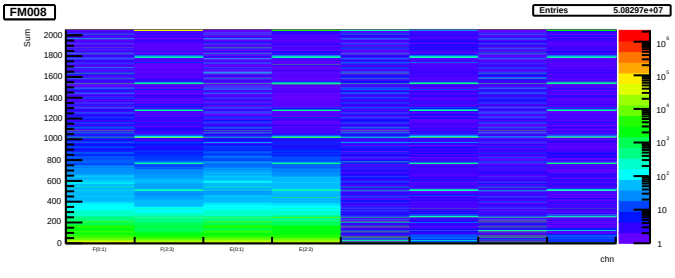

FM003
Entries 5.08297e+07
Sum
chn

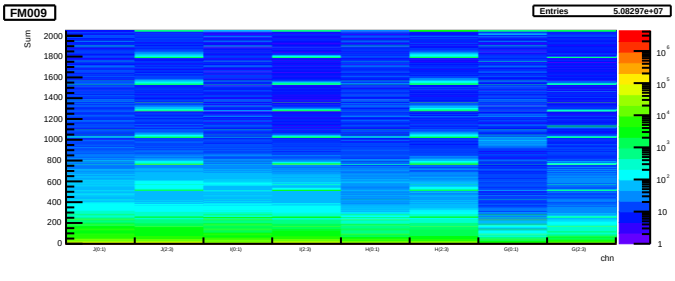

FM004
Entries 5.08297e+07
Sum
chn

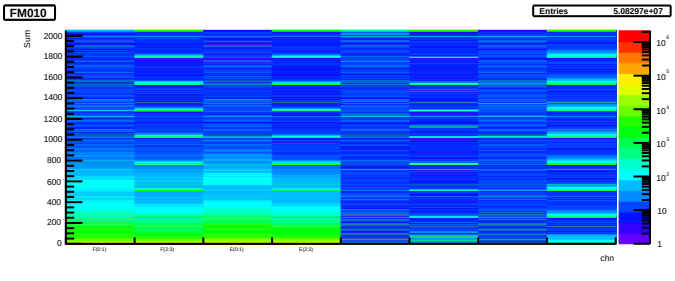

FM005
Entries 5.08297e+07
Sum
chn

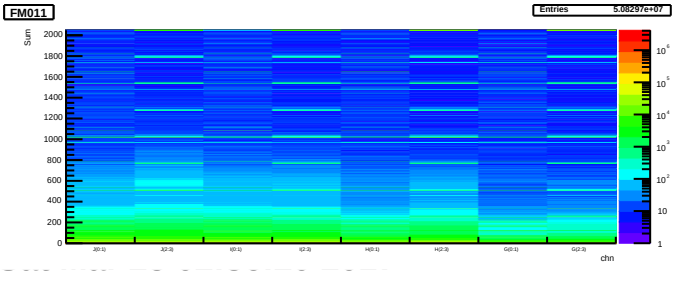

FM006
Entries 5.08297e+07
Sum
chn

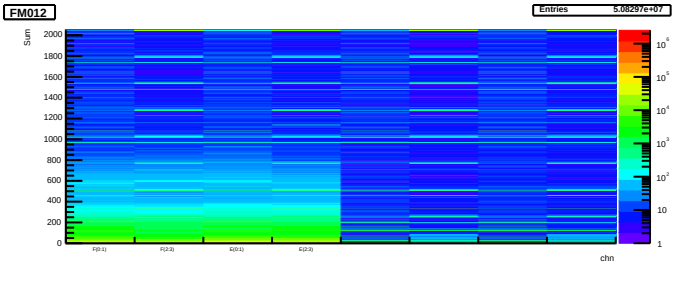

FM007
Entries 5.08297e+07
Sum
chn

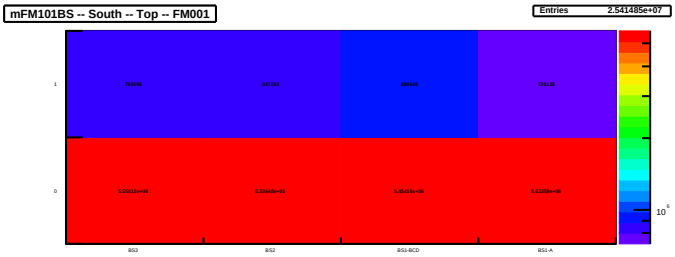

FM008
Entries 5.08297e+07
Sum
chn

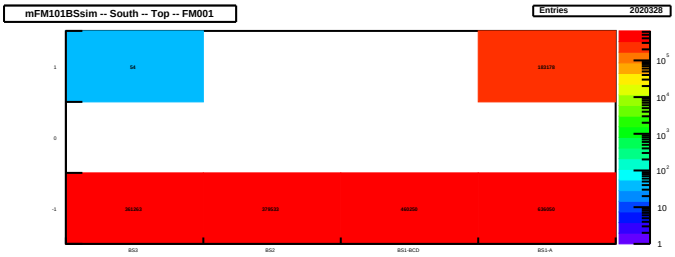

FM009
Entries 5.08297e+07
Sum
chn

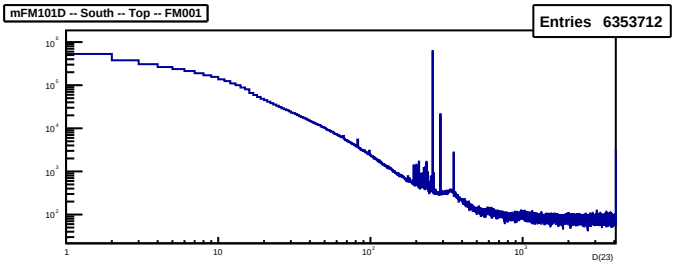

FM010
Entries 5.08297e+07
Sum
chn

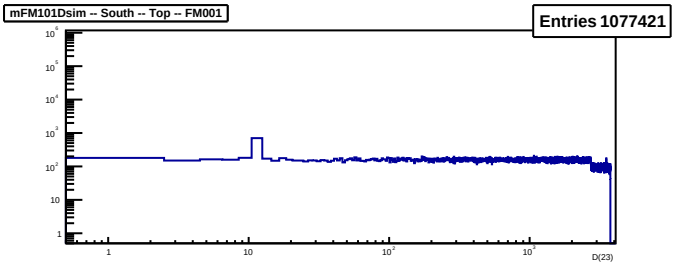

FM011
Entries 5.08297e+07
Sum
chn

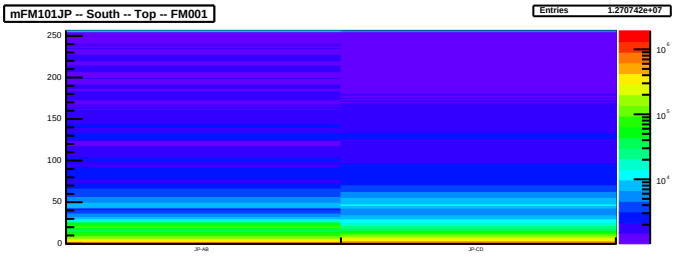

FM012
Entries 5.08297e+07
Sum
chn

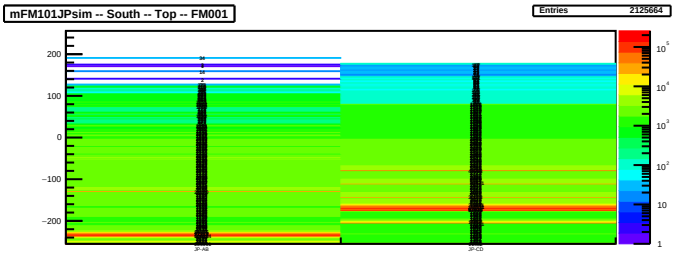

mFM101BS -- South -- Top -- FM001
Entries 2.541485e+07

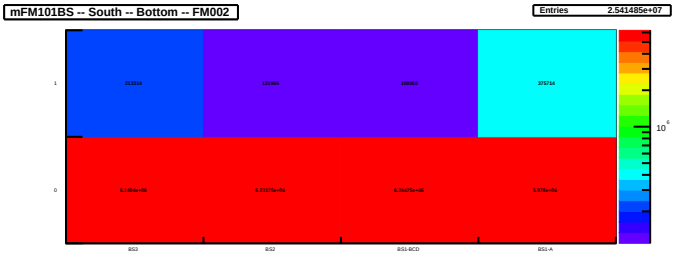

mFM101BSsim -- South -- Top -- FM001
Entries 2020328

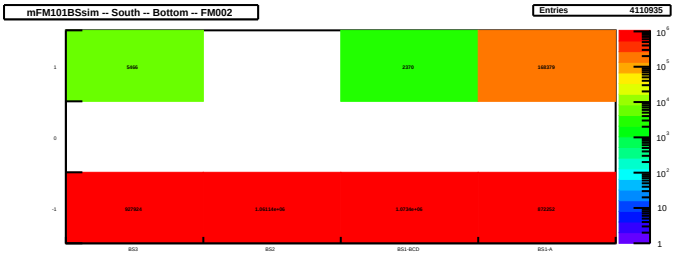

mFM101D -- South -- Top -- FM001
Entries 6353712
D(23)

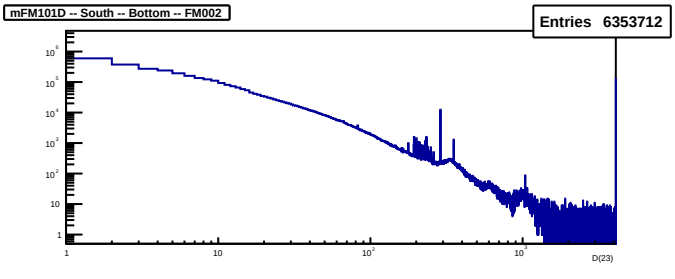

mFM101Dsim -- South -- Top -- FM001
Entries 1077421
D(23)

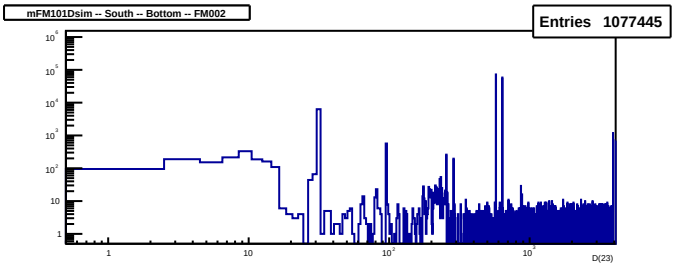

mFM101JP -- South -- Top -- FM001
Entries 1.270742e+07

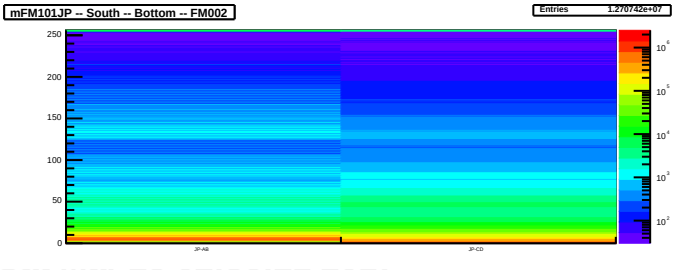

mFM101JPsim -- South -- Top -- FM001
Entries 2125664

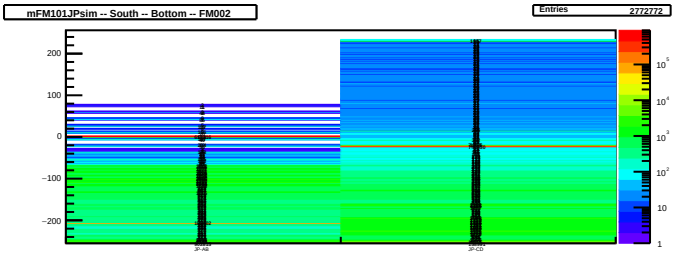

mFM101BS -- South -- Bottom -- FM002
Entries 2.541485e+07

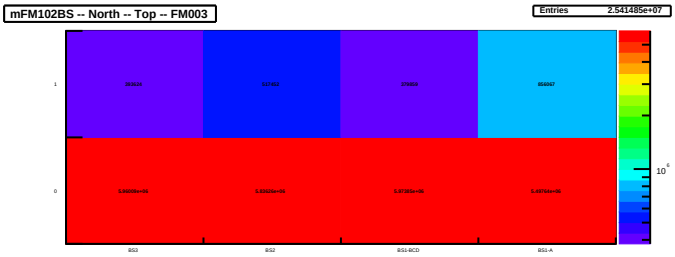

mFM101BSsim -- South -- Bottom -- FM002
Entries 4110935

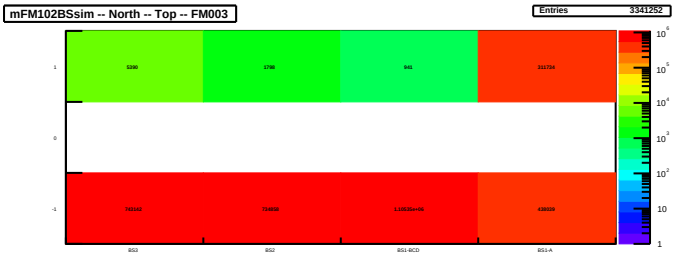

mFM101D -- South -- Bottom -- FM002
Entries 6353712
D(23)

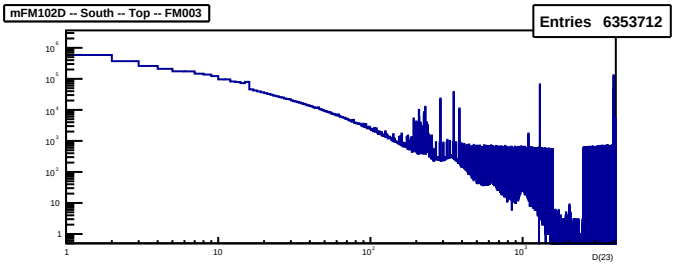

mFM101Dsim -- South -- Bottom -- FM002
Entries 1077445
D(23)

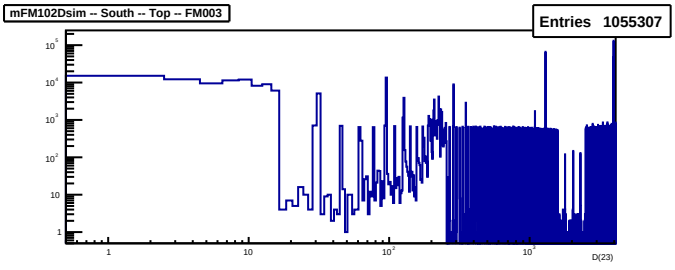

mFM101JP -- South -- Bottom -- FM002
Entries 1.270742e+07

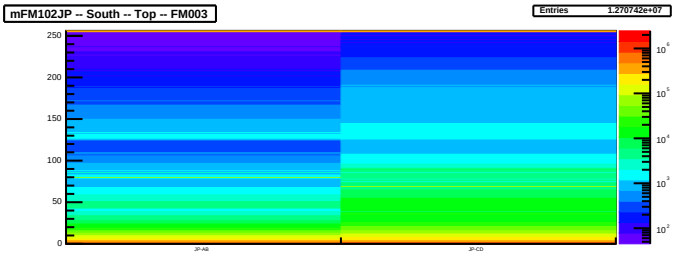

mFM101JPsim -- South -- Bottom -- FM002
Entries 2772772

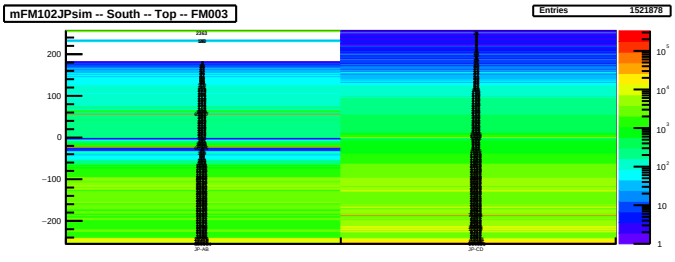

mFM102BS -- North -- Top -- FM003
Entries 2.541485e+07

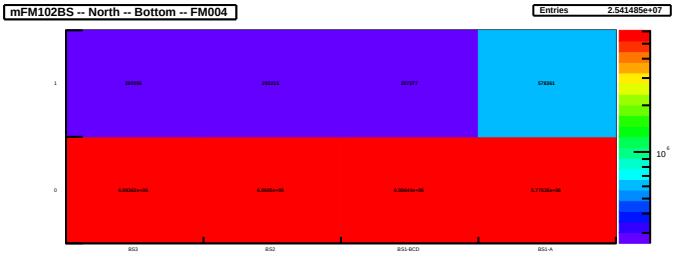

mFM102BSsim -- North -- Top -- FM003
Entries 3341252

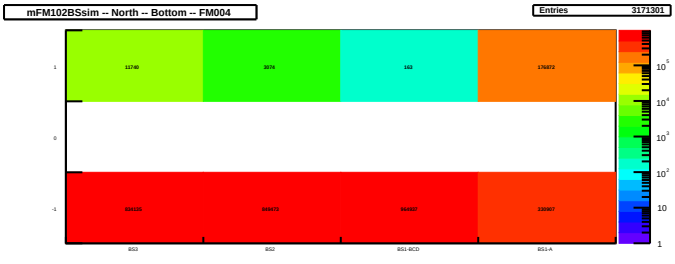

mFM102D -- South -- Top -- FM003
Entries 6353712
D(23)

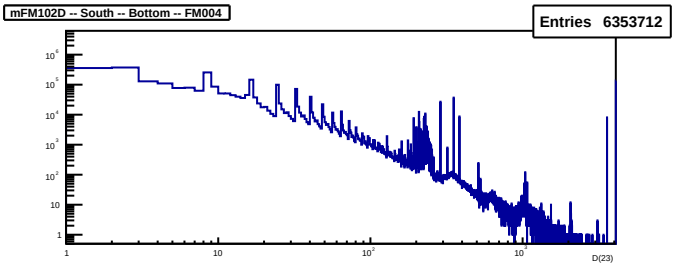

mFM102Dsim -- South -- Top -- FM003
Entries 1055307
D(23)

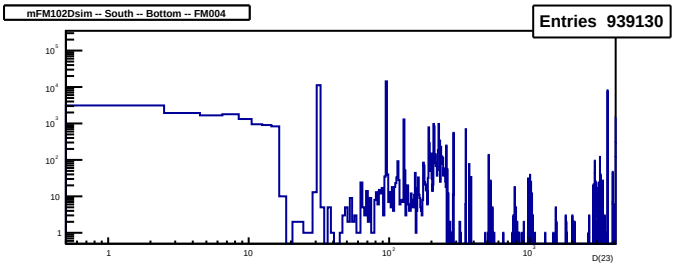

mFM102JP -- South -- Top -- FM003
Entries 1.270742e+07

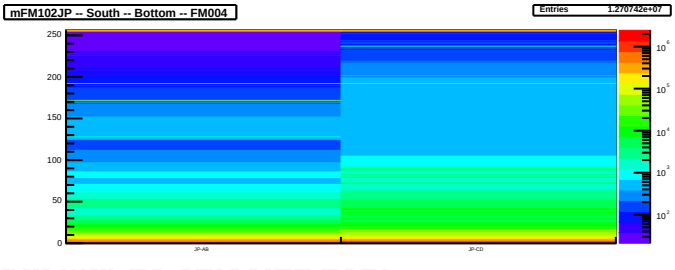

mFM102JPsim -- South -- Top -- FM003
Entries 1521878

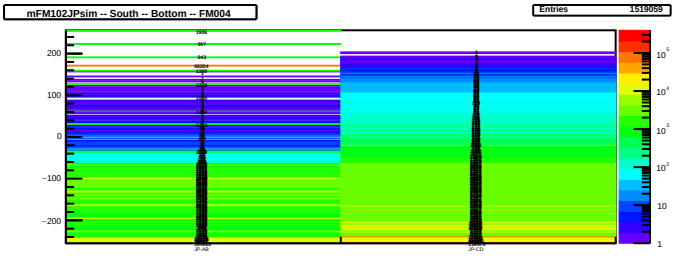

mFM102BS -- North -- Bottom -- FM004
Entries 2.541485e+07

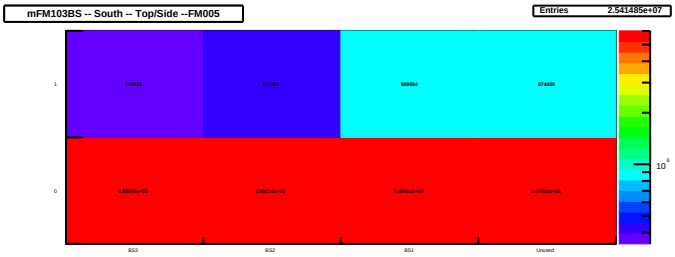

mFM102BSsim -- North -- Bottom -- FM004
Entries 3171301

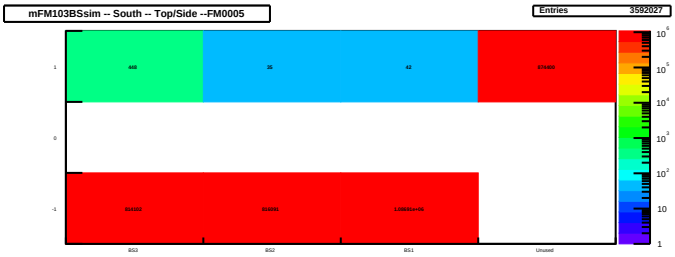

mFM102D -- South -- Bottom -- FM004
Entries 6353712
D(23)

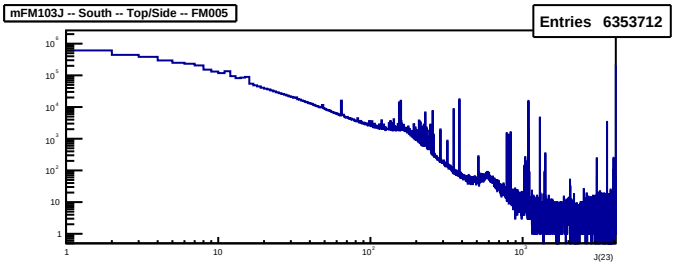

mFM102Dsim -- South -- Bottom -- FM004
Entries 939130
D(23)

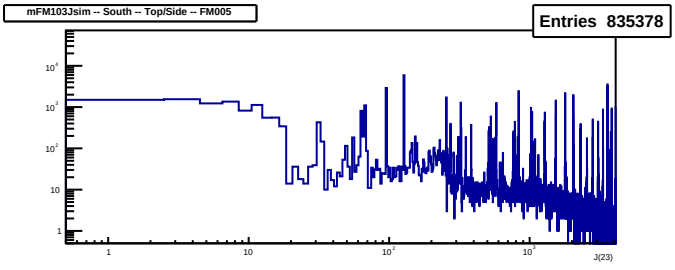

mFM102JP -- South -- Bottom -- FM004
Entries 1.270742e+07

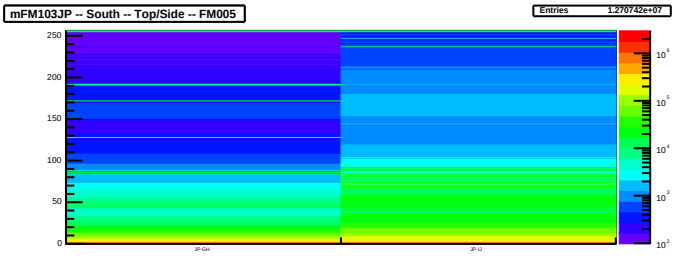

mFM102JPsim -- South -- Bottom -- FM004
Entries 1519059

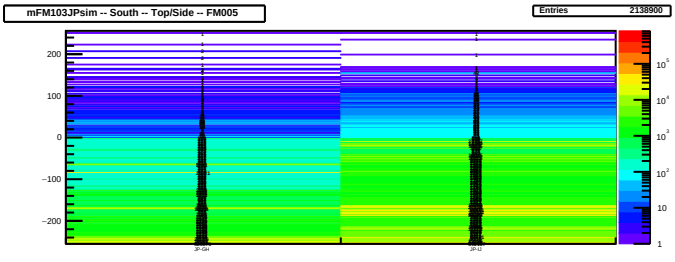

mFM103BS -- South -- Top/Side --FM005
Entries 2.541485e+07

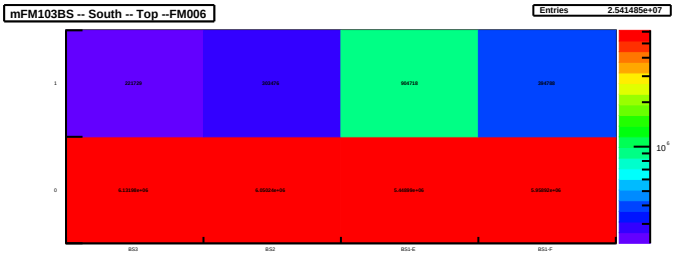

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3592027

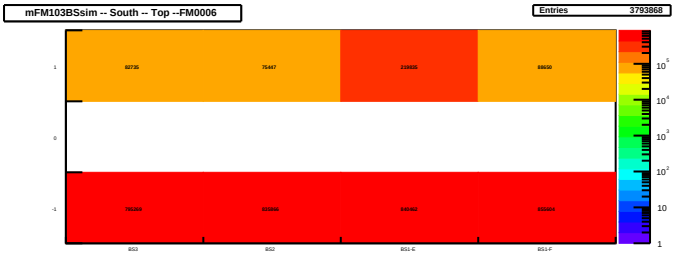

mFM103J -- South -- Top/Side -- FM005
Entries 6353712
J(23)

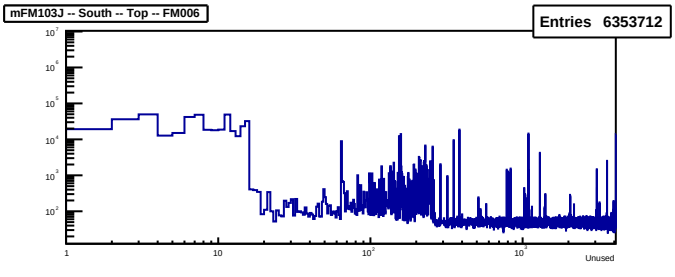

mFM103Jsim -- South -- Top/Side -- FM005
Entries 835378
J(23)

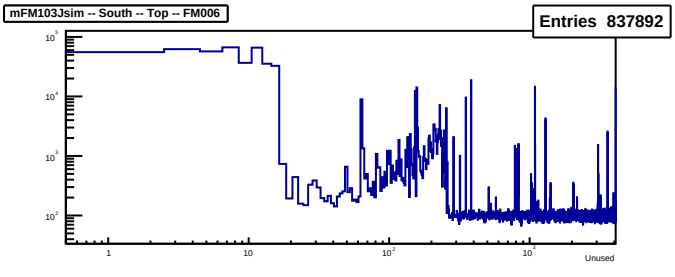

mFM103JP -- South -- Top/Side -- FM005
Entries 1.270742e+07

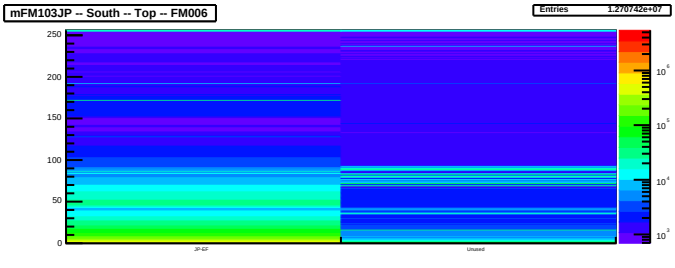

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2138900

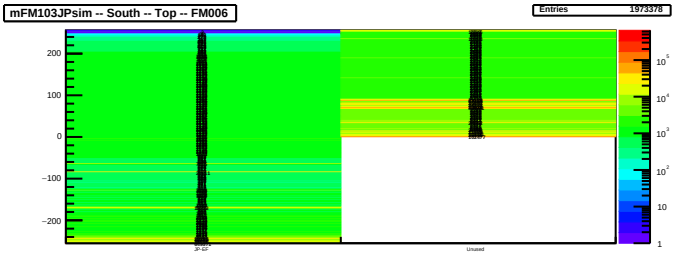

mFM103BS -- South -- Top --FM006
Entries 2.541485e+07

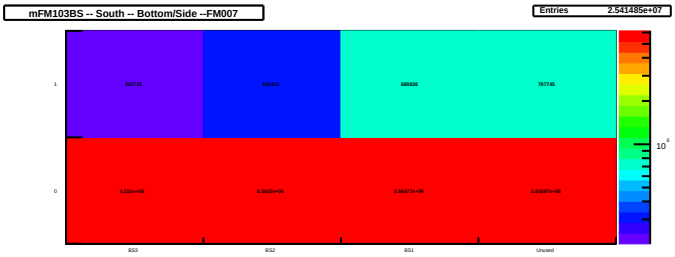

mFM103BSsim -- South -- Top --FM0006
Entries 3793868

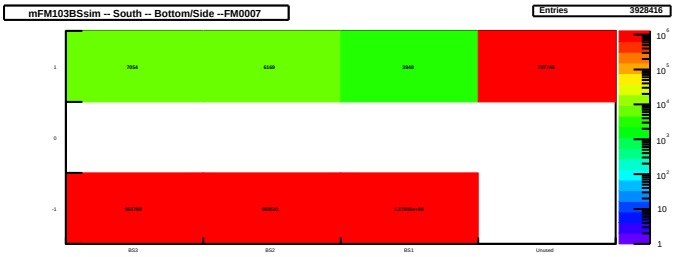

mFM103J -- South -- Top -- FM006
Entries 6353712
Unused

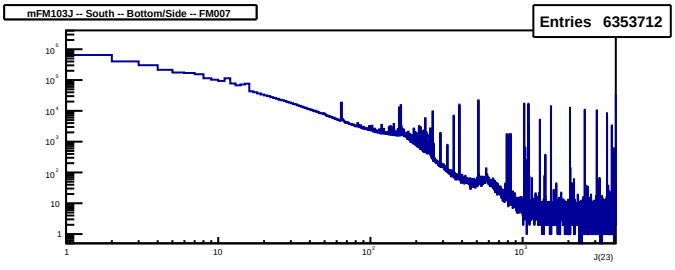

mFM103Jsim -- South -- Top -- FM006
Entries 837892
Unused

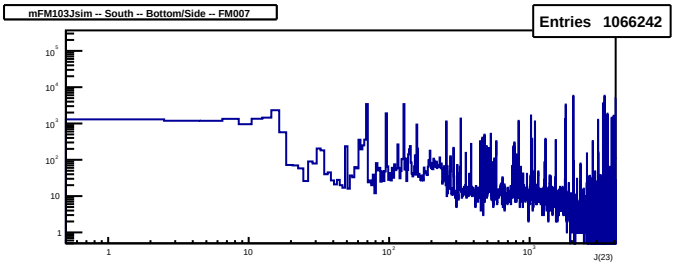

mFM103JP -- South -- Top -- FM006
Entries 1.270742e+07

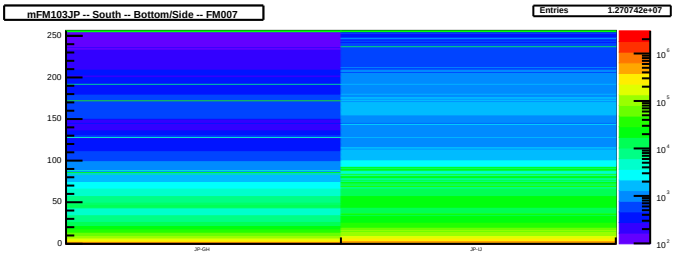

mFM103JPsim -- South -- Top -- FM006
Entries 1973378

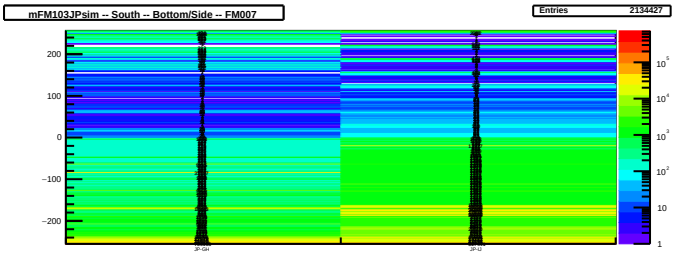

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.541485e+07

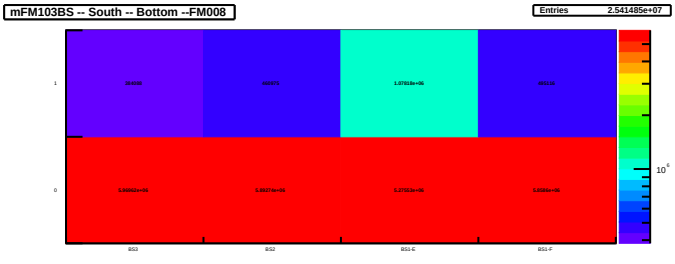

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3928416

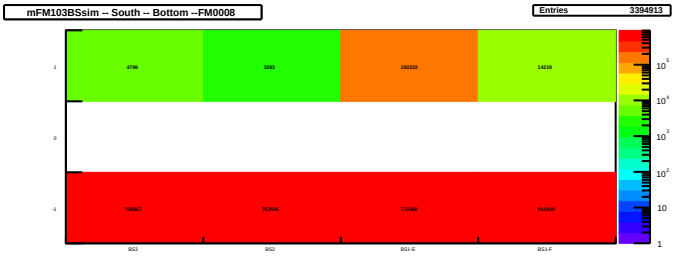

mFM103J -- South -- Bottom/Side -- FM007
Entries 6353712
J(23)

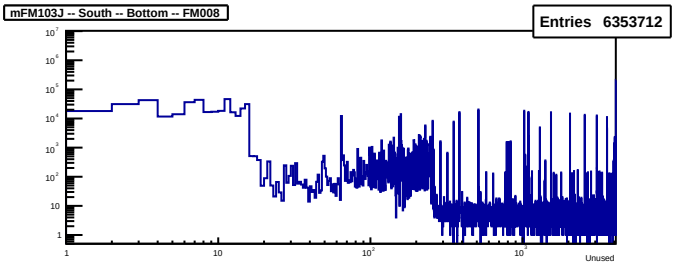

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1066242
J(23)

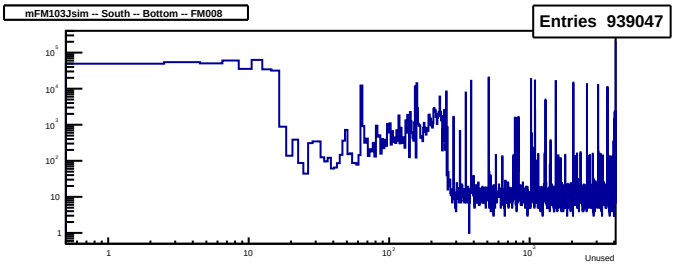

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.270742e+07

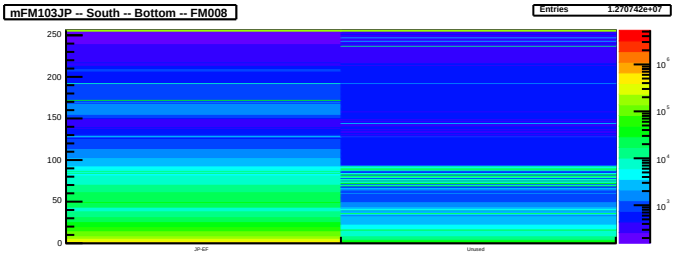

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2134427

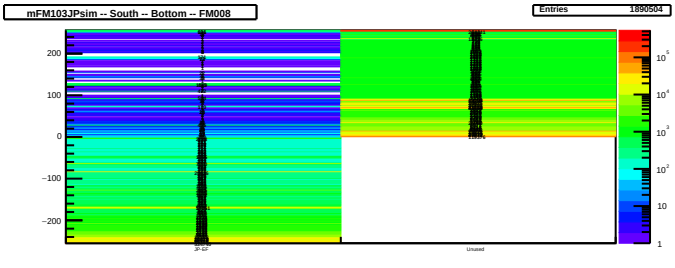

mFM103BS -- South -- Bottom --FM008
Entries 2.541485e+07

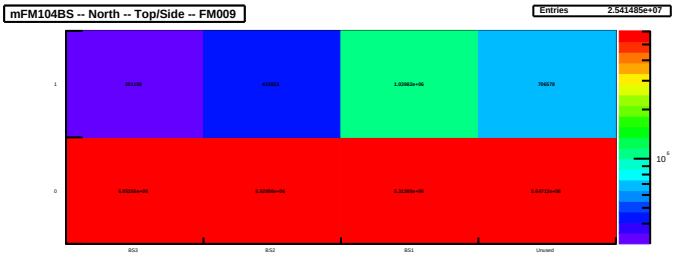

mFM103BSsim -- South -- Bottom --FM0008
Entries 3394913

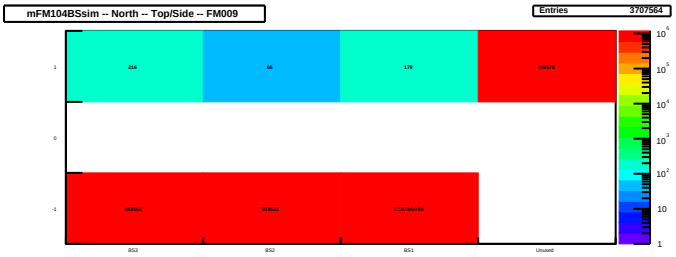

mFM103J -- South -- Bottom -- FM008
Entries 6353712
Unused

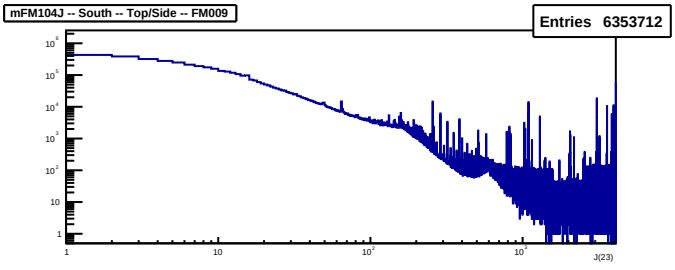

mFM103Jsim -- South -- Bottom -- FM008
Entries 939047
Unused

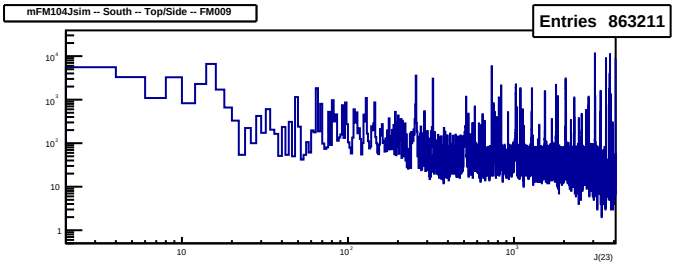

mFM103JP -- South -- Bottom -- FM008
Entries 1.270742e+07

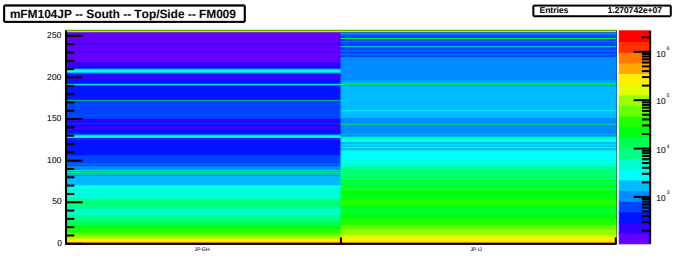

mFM103JPsim -- South -- Bottom -- FM008
Entries 1890504

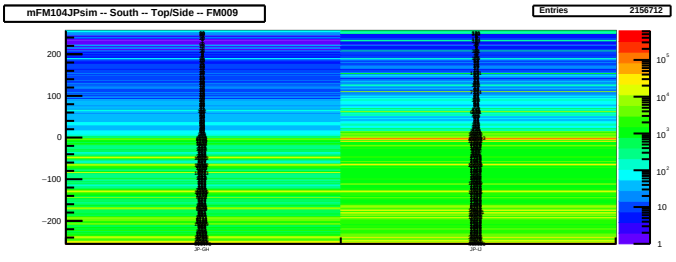

mFM104BS -- North -- Top/Side -- FM009
Entries 2.541485e+07

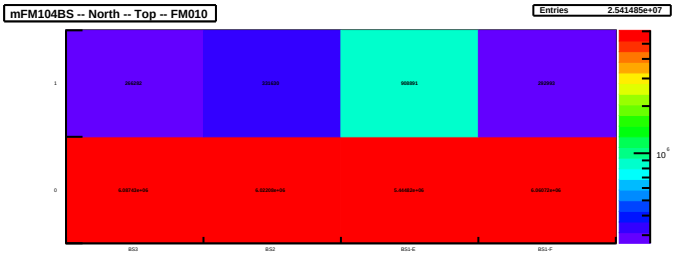

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3707564

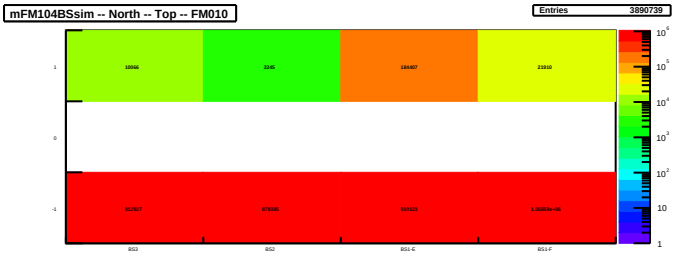

mFM104J -- South -- Top/Side -- FM009
Entries 6353712
J(23)

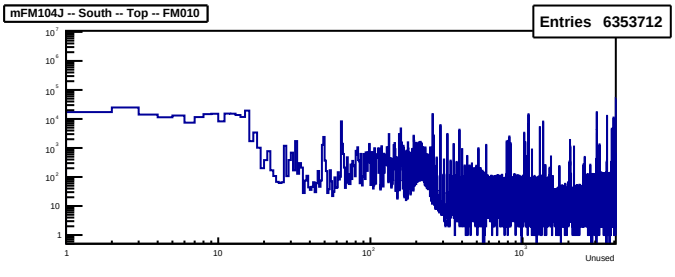

mFM104Jsim -- South -- Top/Side -- FM009
Entries 863211
J(23)

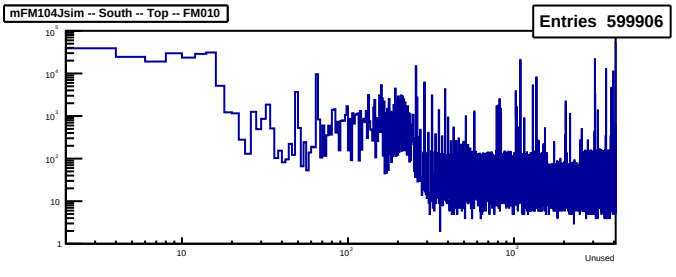

mFM104JP -- South -- Top/Side -- FM009
Entries 1.270742e+07

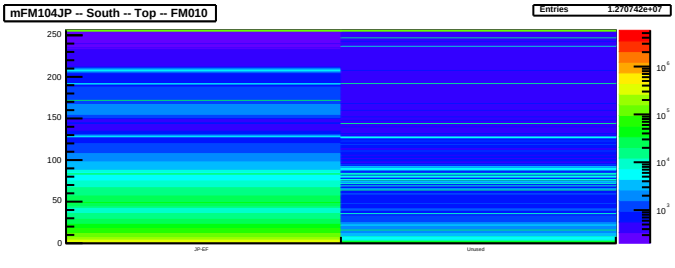

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2156712

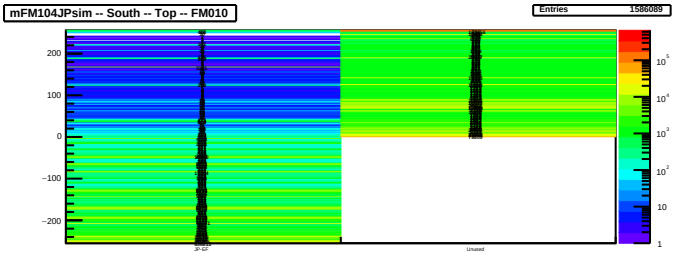

mFM104BS -- North -- Top -- FM010
Entries 2.541485e+07

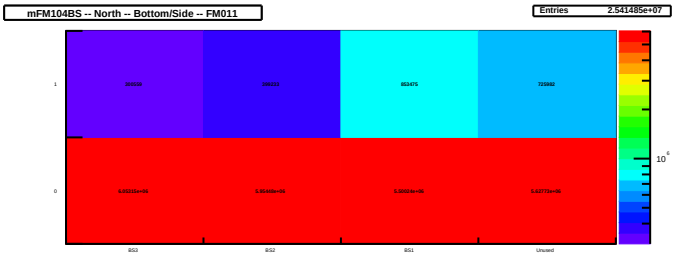

mFM104BSsim -- North -- Top -- FM010
Entries 3890739

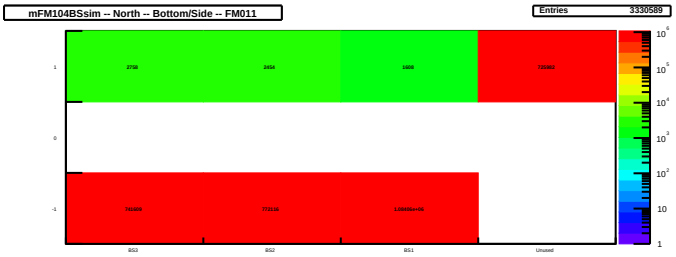

mFM104J -- South -- Top -- FM010
Entries 6353712
Unused

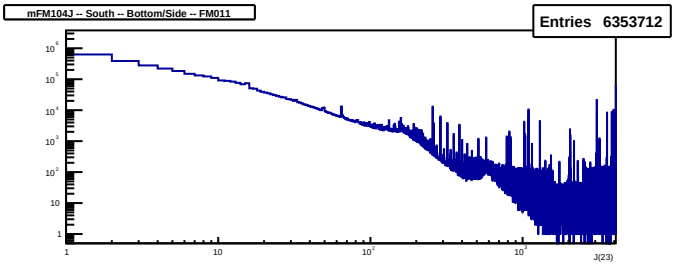

mFM104Jsim -- South -- Top -- FM010
Entries 599906
Unused

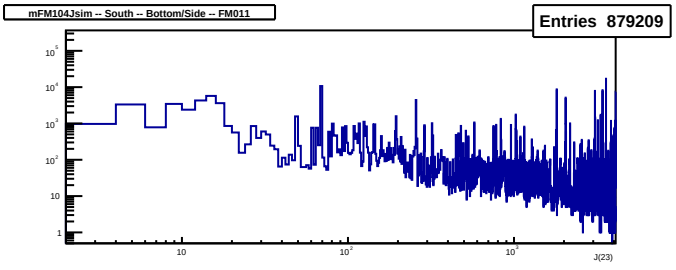

mFM104JP -- South -- Top -- FM010
Entries 1.270742e+07

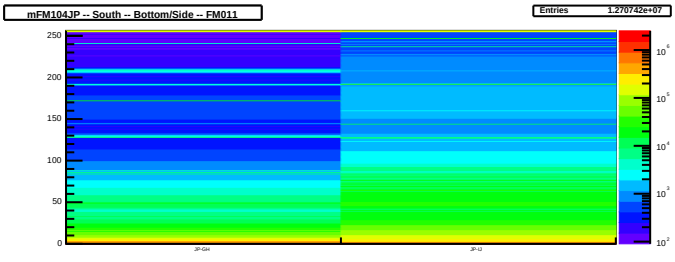

mFM104JPsim -- South -- Top -- FM010
Entries 1586089

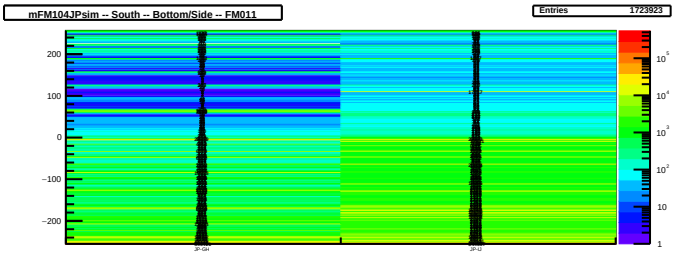

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.541485e+07

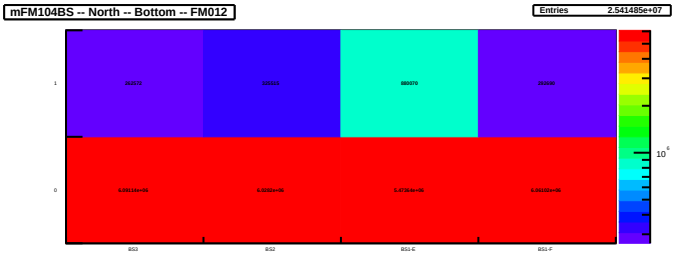

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3330589

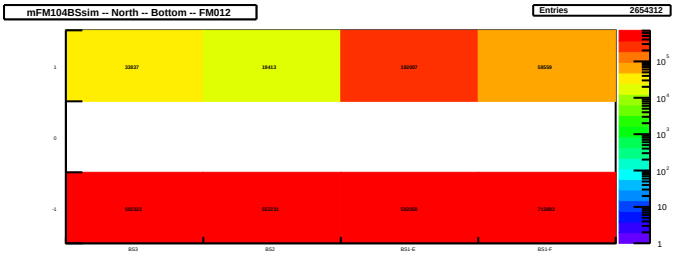

mFM104J -- South -- Bottom/Side -- FM011
Entries 6353712
J(23)

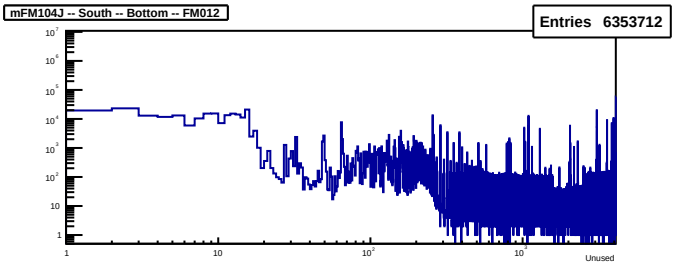

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 879209
J(23)

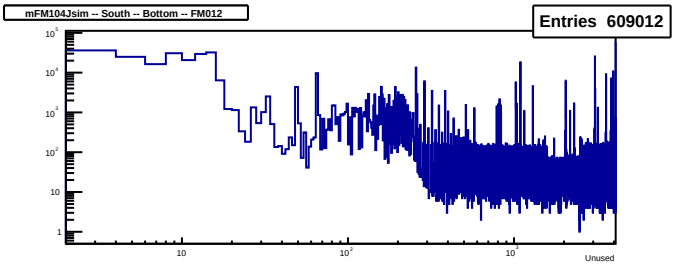

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.270742e+07

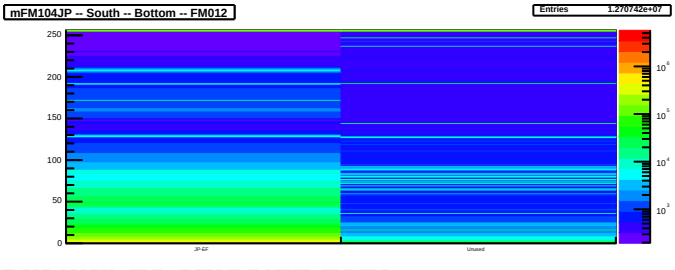

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1723923

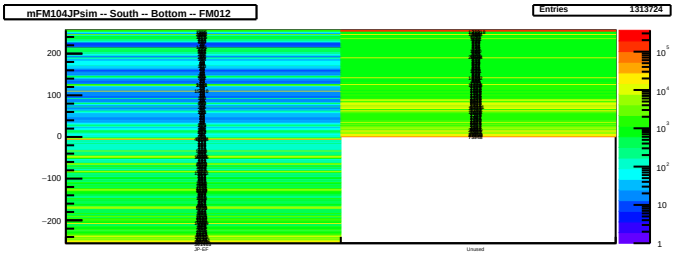

mFM104BS -- North -- Bottom -- FM012
Entries 2.541485e+07

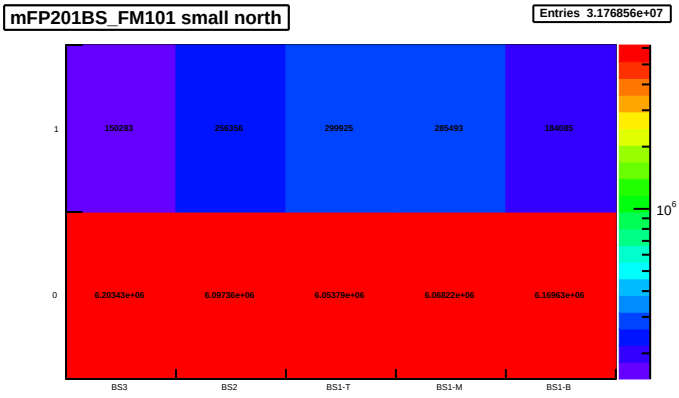

mFM104BSsim -- North -- Bottom -- FM012
Entries 2654312

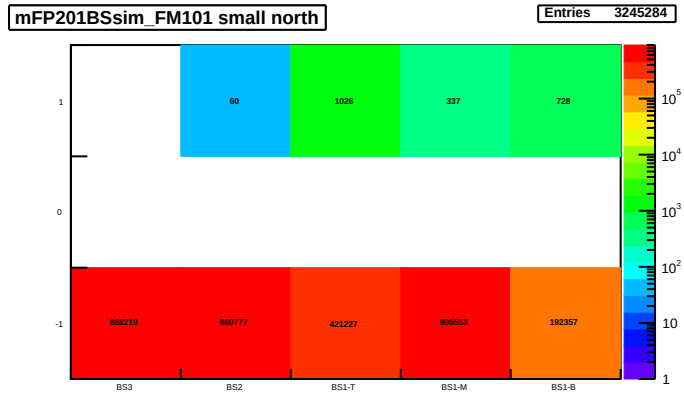

mFM104J -- South -- Bottom -- FM012
Entries 6353712
Unused

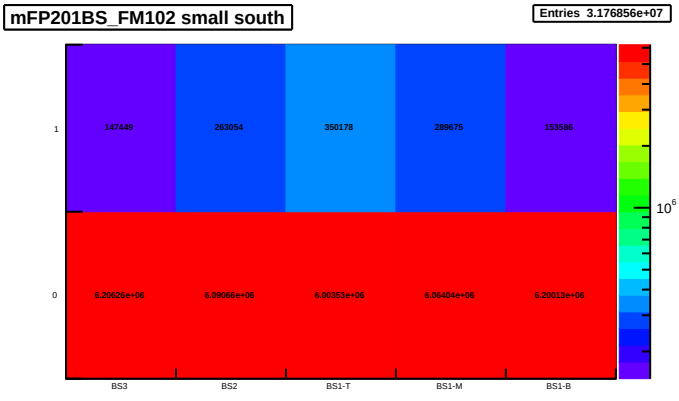

mFM104Jsim -- South -- Bottom -- FM012
Entries 609012
Unused

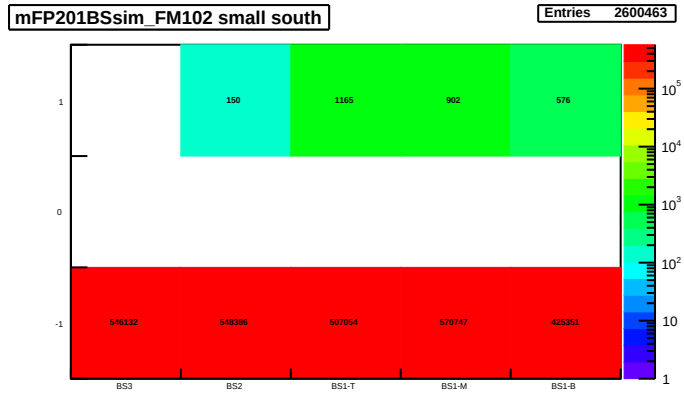

mFM104JP -- South -- Bottom -- FM012
Entries 1.270742e+07

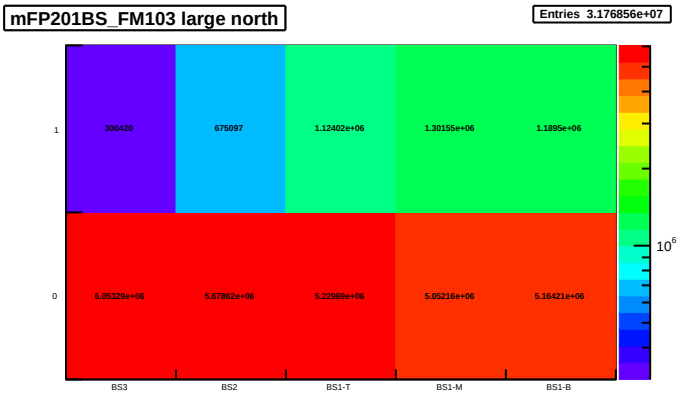

mFM104JPsim -- South -- Bottom -- FM012
Entries 1313724

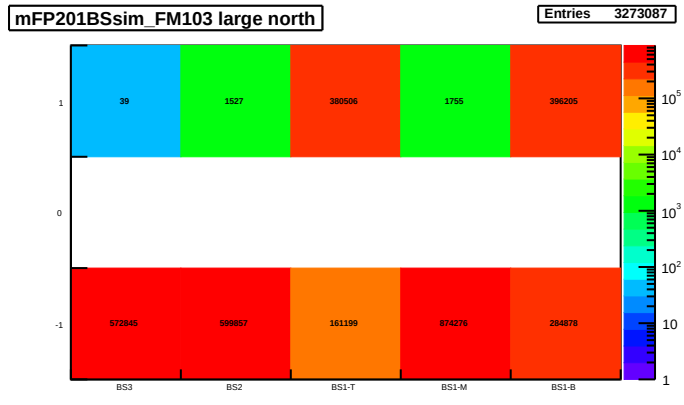

mFP201BS_FM101 small north
Entries 3.176856e+07
150283
256356
299925
285493
184085
6.20343e+06
6.09736e+06
6.05379e+06
6.06822e+06
6.16963e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

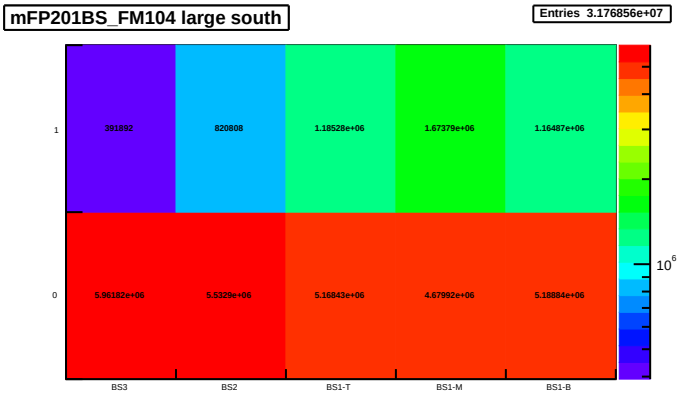

mFP201BSsim_FM101 small north
Entries 3245284
60
1026
337
728
868219
860777
421227
900553
192357
BS3
BS2
BS1-T
BS1-M
BS1-B

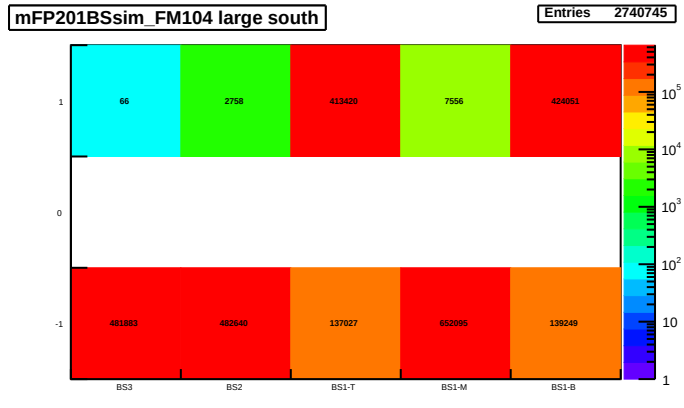

mFP201BS_FM102 small south
Entries 3.176856e+07
147449
283054
350178
289675
153586
6.20626e+06
6.09066e+06
6.00353e+06
6.06404e+06
6.20013e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

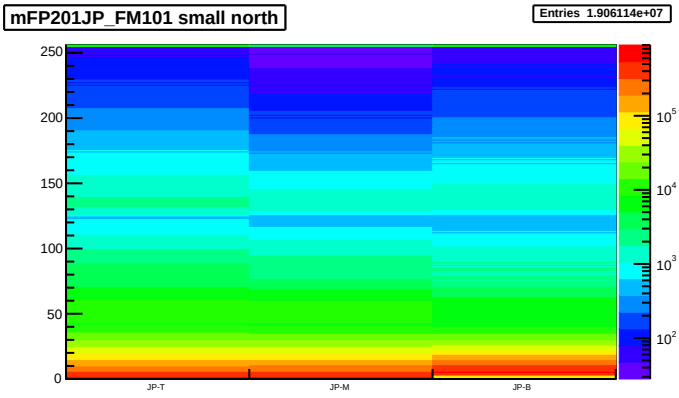

mFP201BSsim_FM102 small south
Entries 2600463
150
1165
902
576
546132
548386
507054
570747
425351
BS3
BS2
BS1-T
BS1-M
BS1-B

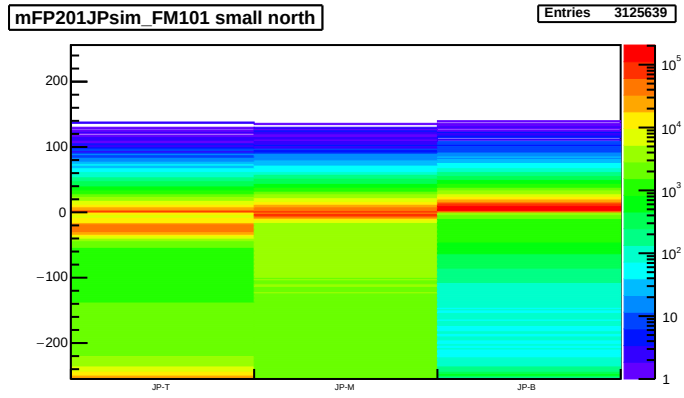

mFP201BS_FM103 large north
Entries 3.176856e+07
300420
675097
1.12402e+06
1.30155e+06
1.1895e+06
6.05329e+06
5.67862e+06
5.22969e+06
5.05216e+06
5.16421e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

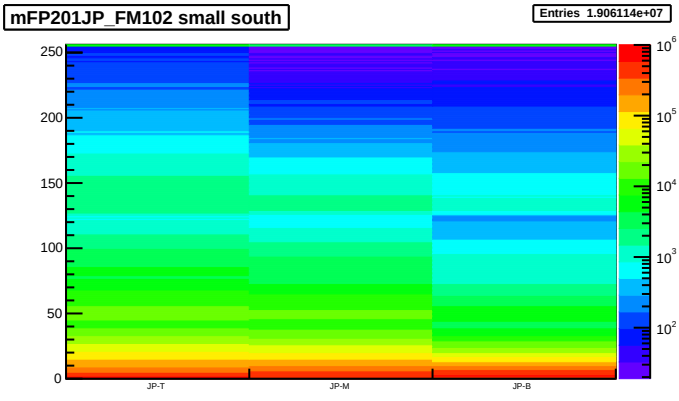

mFP201BSsim_FM103 large north
Entries 3273087
39
1527
380506
1755
396205
572845
599857
161199
874276
284878
BS3
BS2
BS1-T
BS1-M
BS1-B

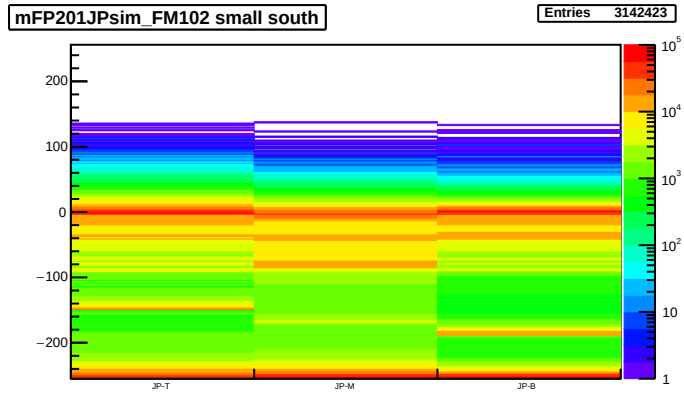

mFP201BS_FM104 large south
Entries 3.176856e+07
391892
820808
1.18528e+06
1.67379e+06
1.16487e+06
5.96182e+06
5.5329e+06
5.16843e+06
4.67992e+06
5.18884e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

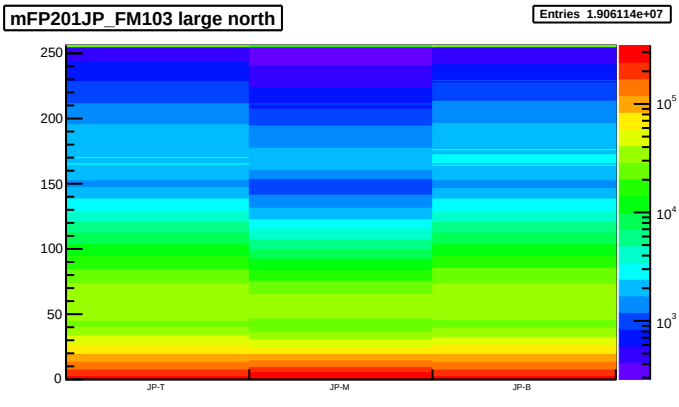

mFP201BSsim_FM104 large south
Entries 2740745
66
2758
413420
7556
424051
481883
482640
137027
652095
139249
BS3
BS2
BS1-T
BS1-M
BS1-B

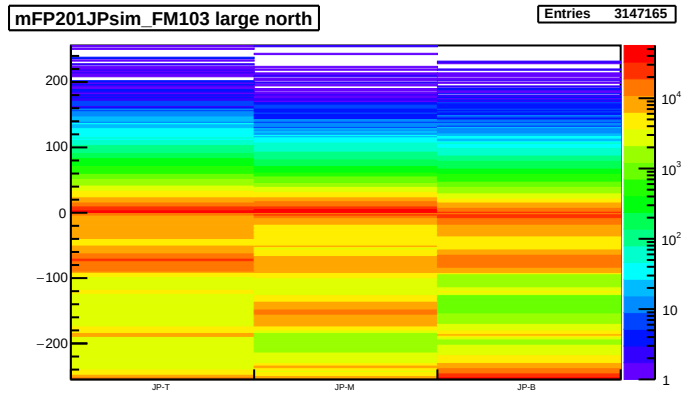

mFP201JP_FM101 small north
Entries 1.906114e+07
JP-T
JP-M
JP-B

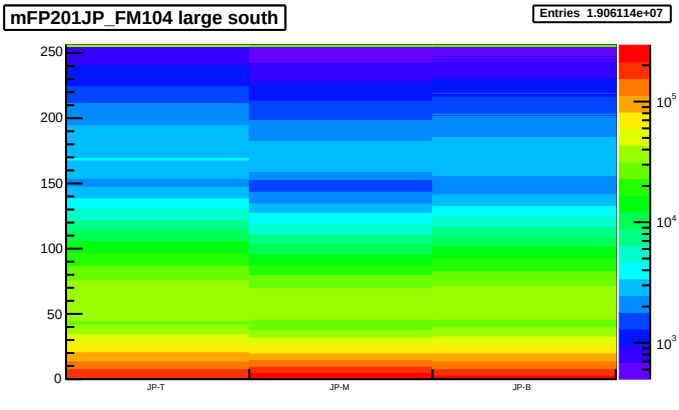

mFP201JPsim_FM101 small north
Entries 3125639
JP-T
JP-M
JP-B

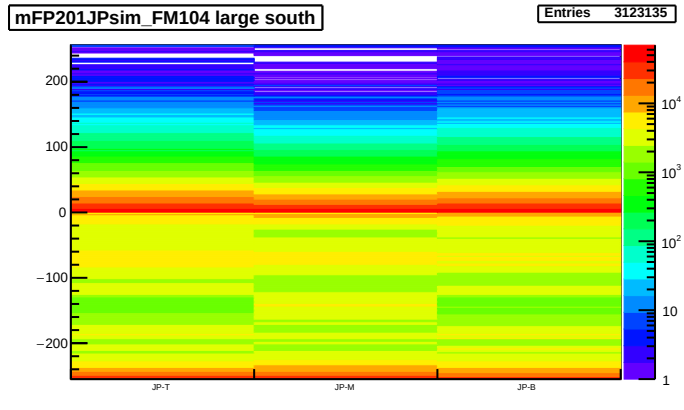

mFP201JP_FM102 small south
Entries 1.906114e+07
JP-T
JP-M
JP-B

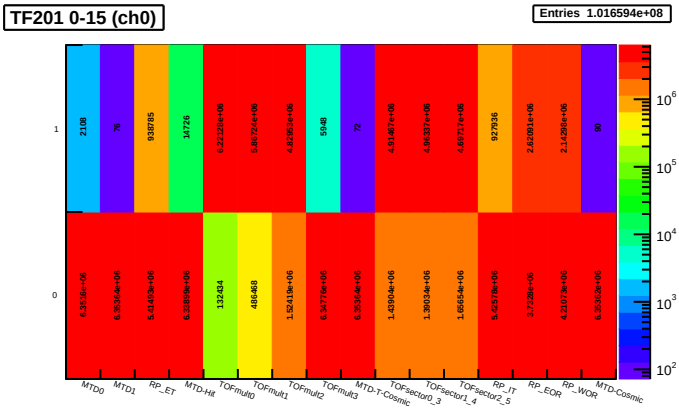

mFP201JPsim_FM102 small south
Entries 3142423
JP-T
JP-M
JP-B

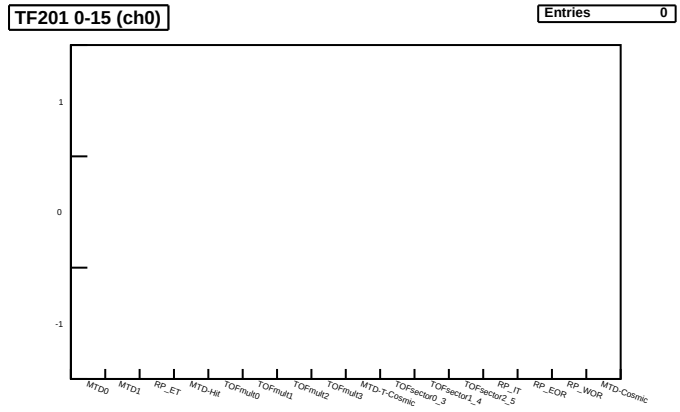

mFP201JP_FM103 large north
Entries 1.906114e+07
JP-T
JP-M
JP-B

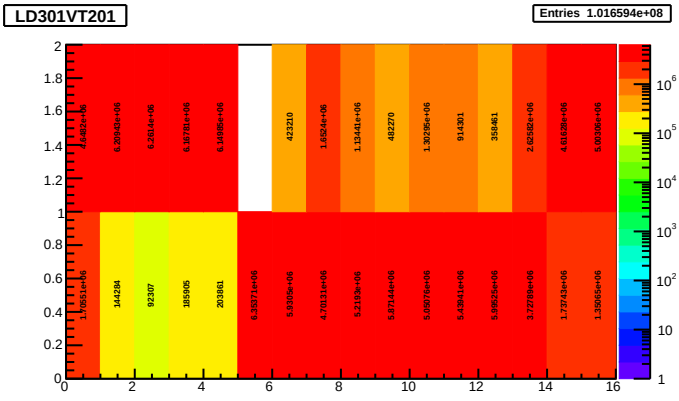

mFP201JPsim_FM103 large north
Entries 3147165
JP-T
JP-M
JP-B

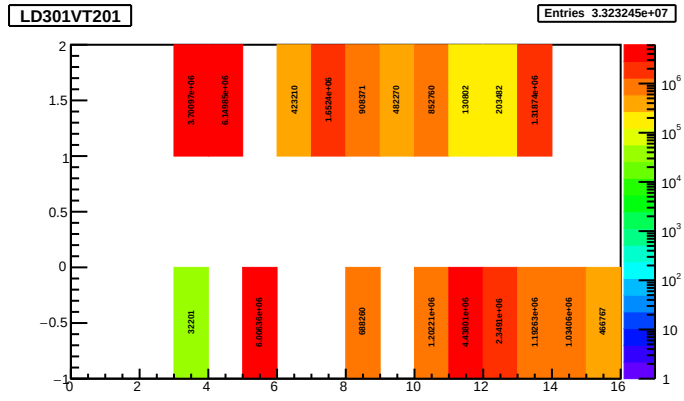

mFP201JP_FM104 large south
Entries 1.906114e+07
JP-T
JP-M
JP-B

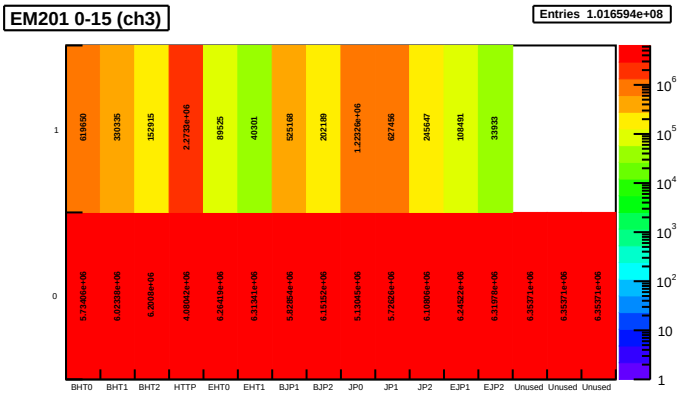

mFP201JPsim_FM104 large south
Entries 3123135
JP-T
JP-M
JP-B

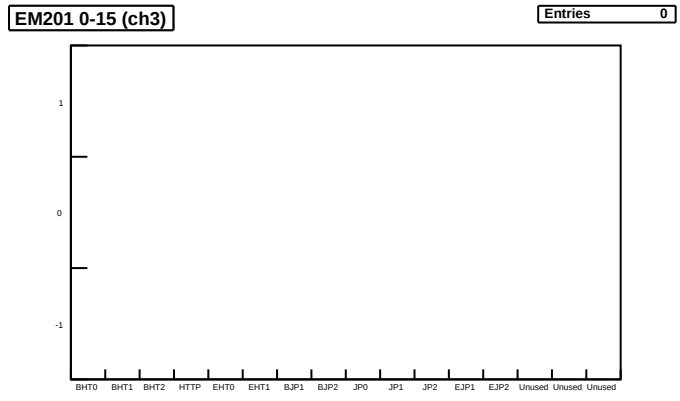

TF201 0-15 (ch0)
Entries 1.016594e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

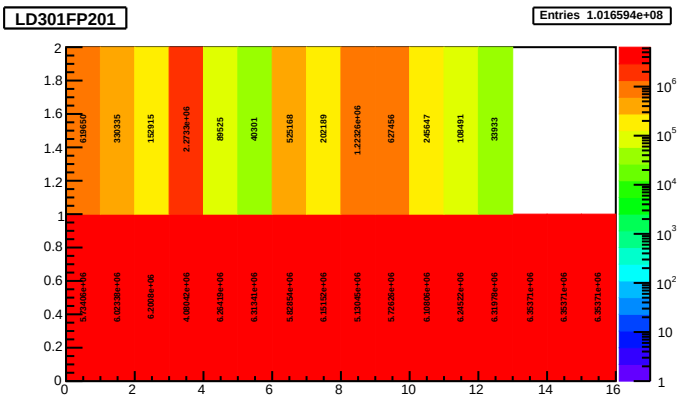

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

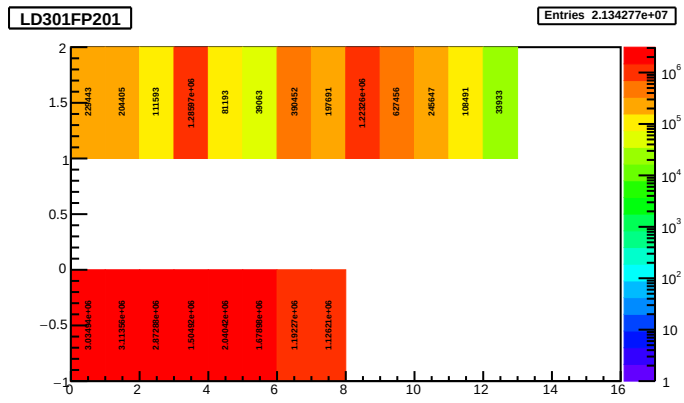

LD301VT201
Entries 1.016594e+08


LD301VT201
Entries 3.323245e+07


EM201 0-15 (ch3)
Entries 1.016594e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 1.016594e+08


LD301FP201
Entries 2.134277e+07