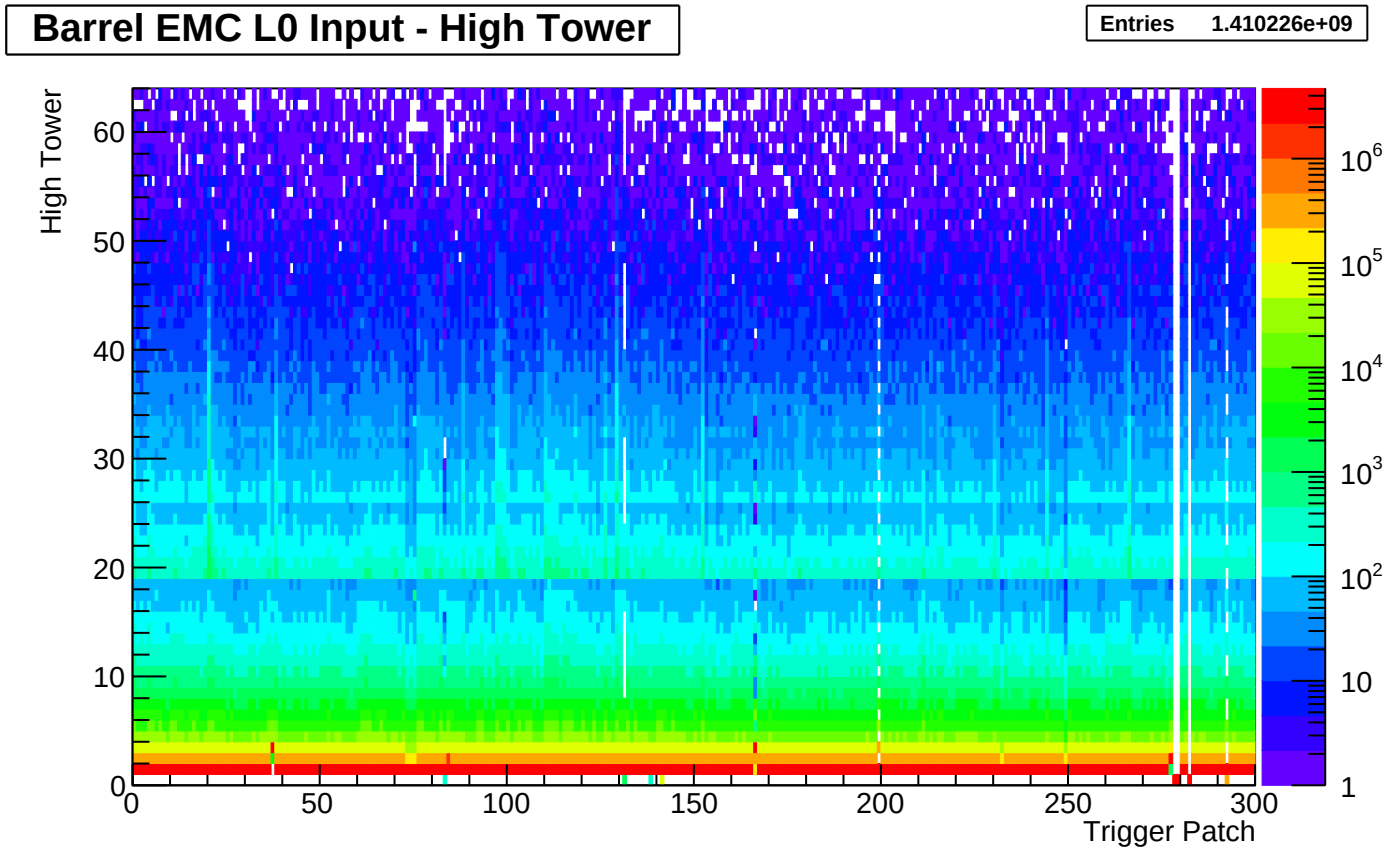
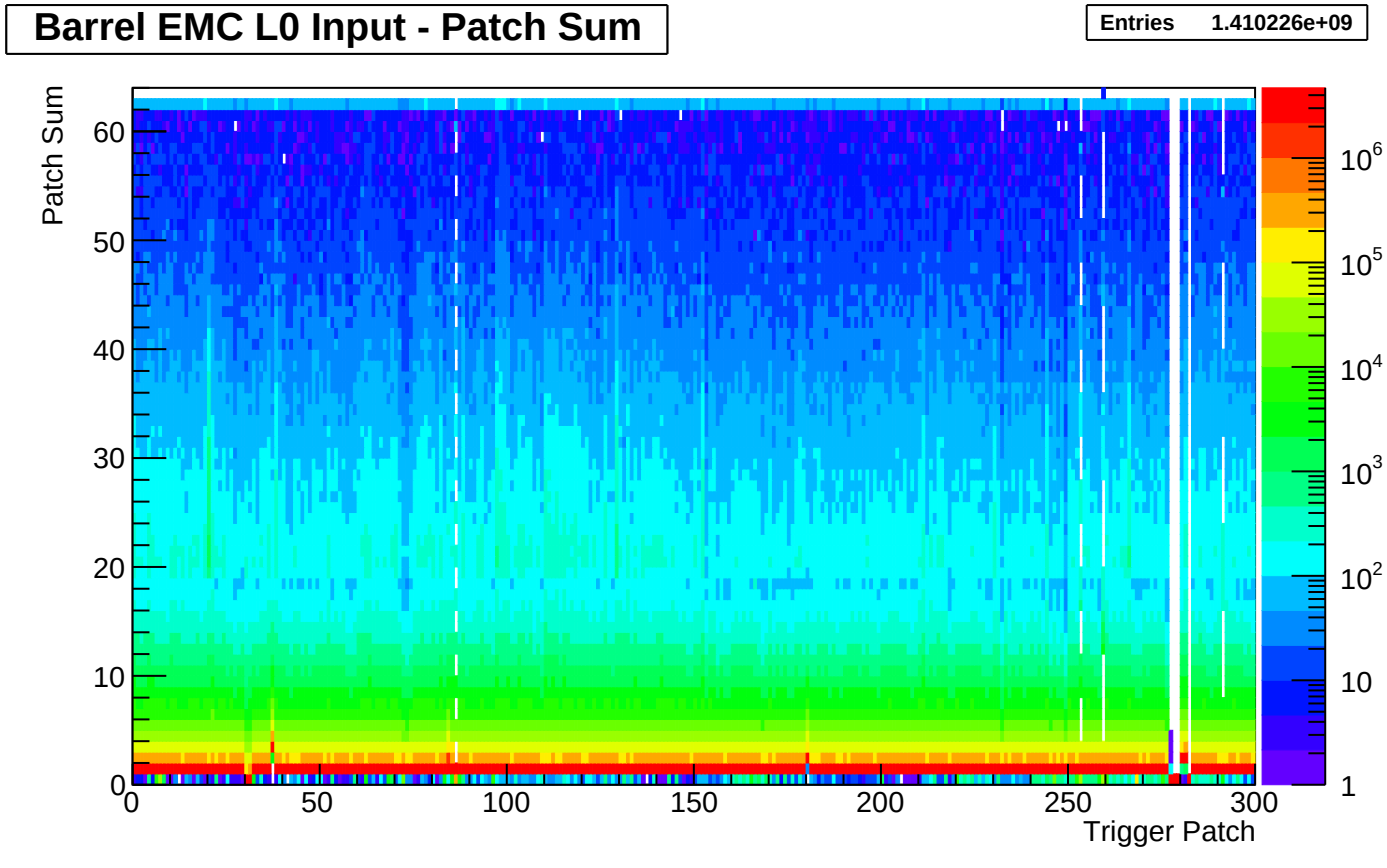
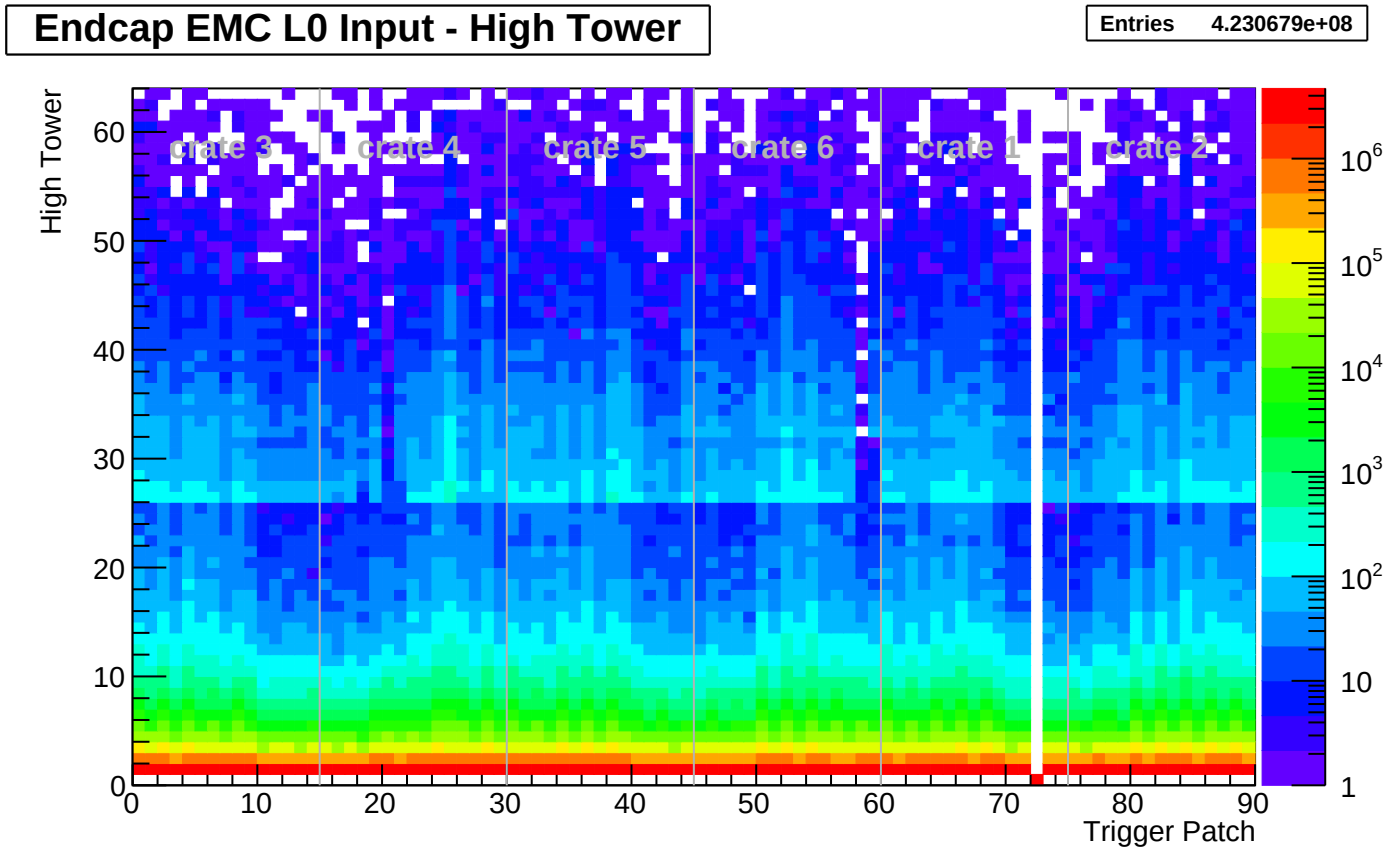
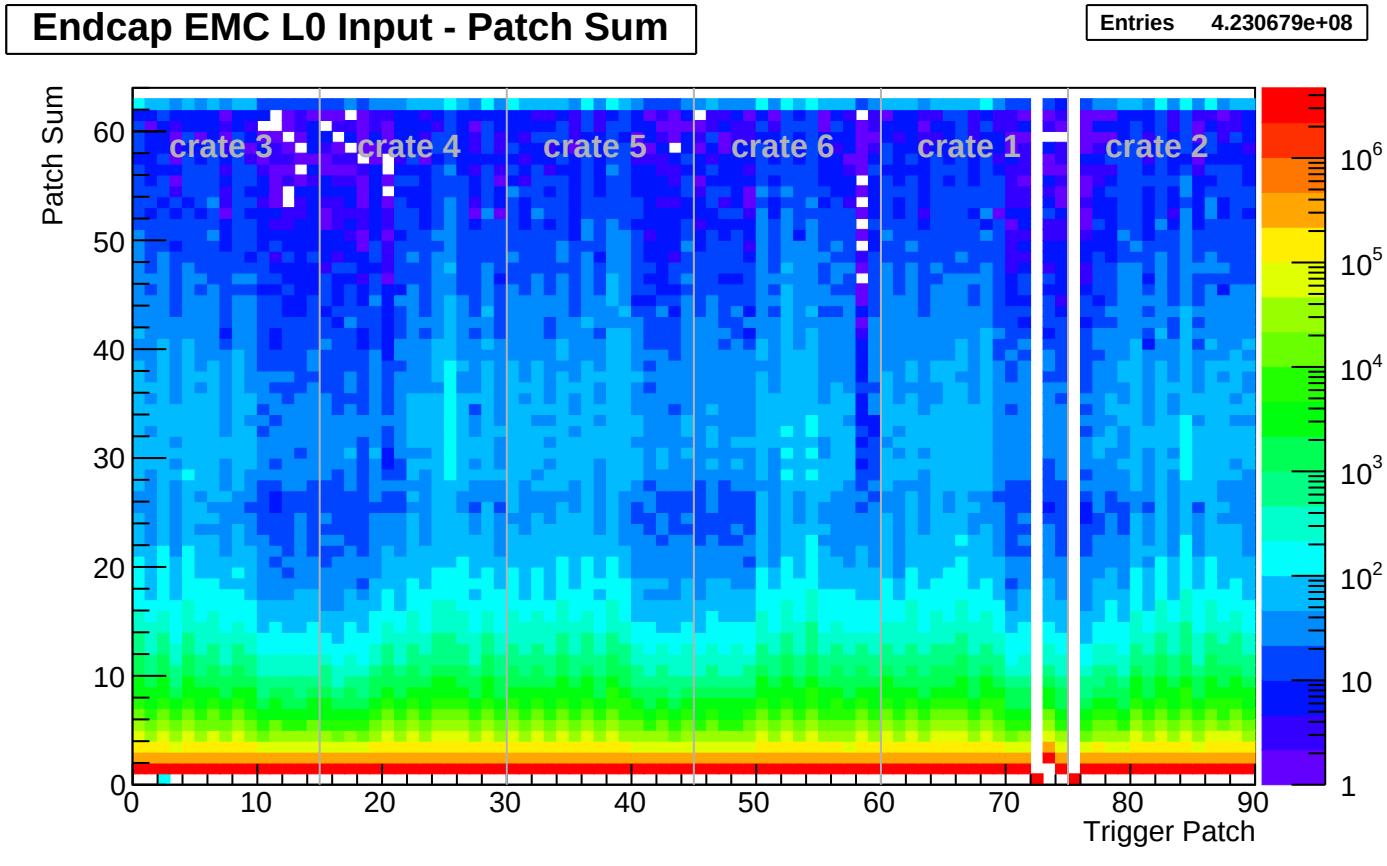
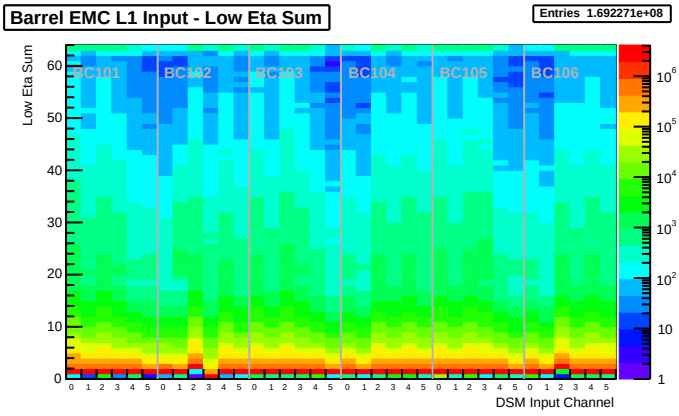
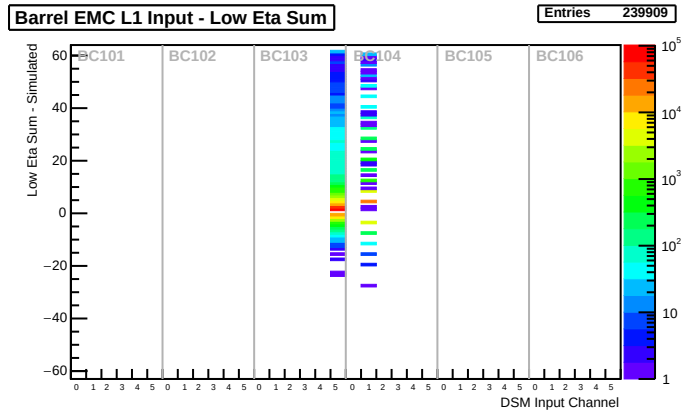

Barrel EMC L0 Input - High Tower
Entries 1.410226e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

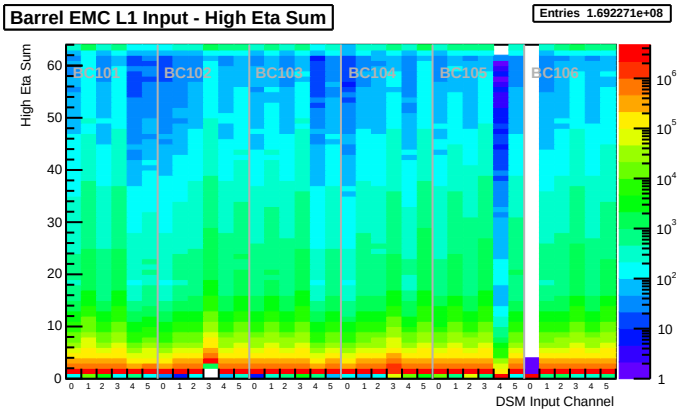

Barrel EMC L0 Input - Patch Sum
Entries 1.410226e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

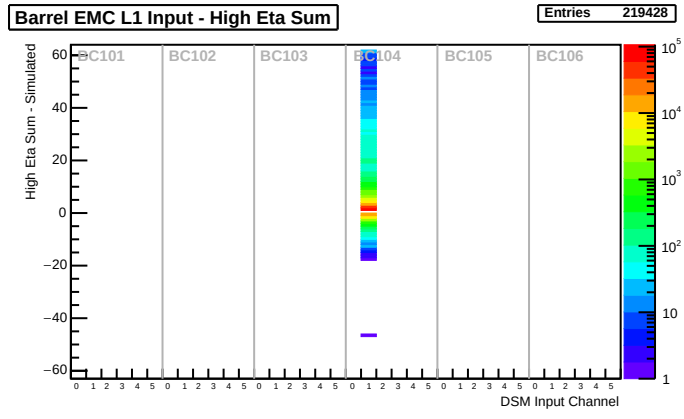

Endcap EMC L0 Input - High Tower
Entries 4.230679e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

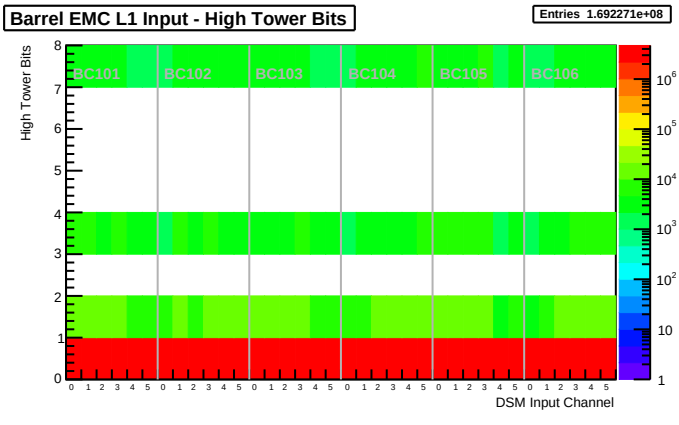

Endcap EMC L0 Input - Patch Sum
Entries 4.230679e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

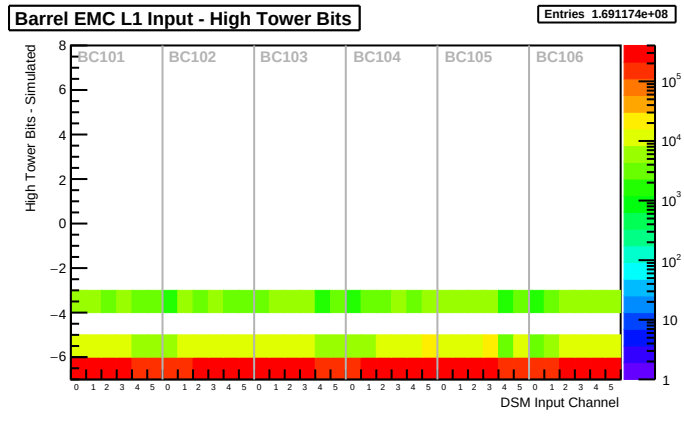

Barrel EMC L1 Input - Low Eta Sum
Entries 1.692271e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

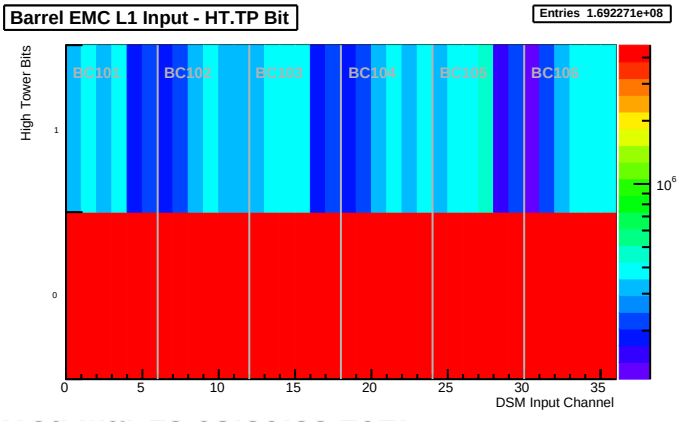

Barrel EMC L1 Input - Low Eta Sum
Entries 239909
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

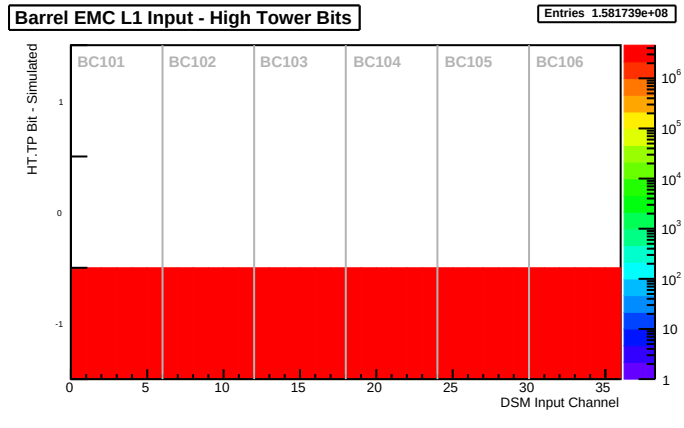

Barrel EMC L1 Input - High Eta Sum
Entries 1.692271e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

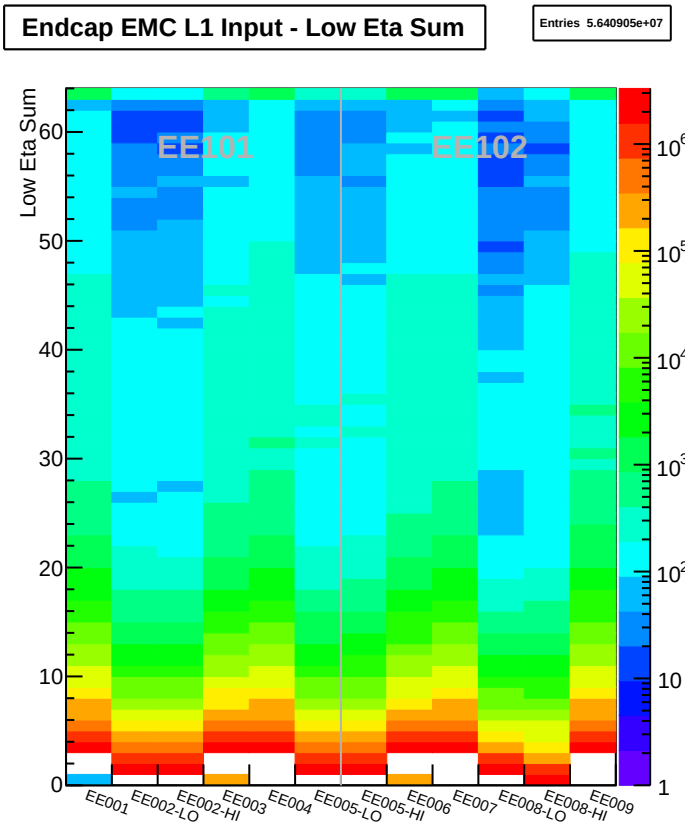

Barrel EMC L1 Input - High Eta Sum
Entries 219428
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

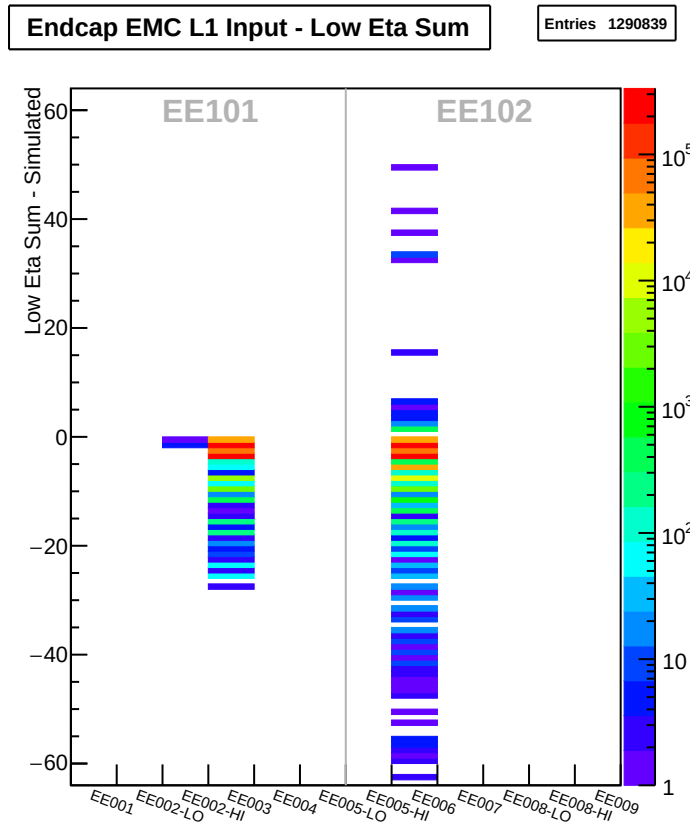

Barrel EMC L1 Input - High Tower Bits
Entries 1.692271e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

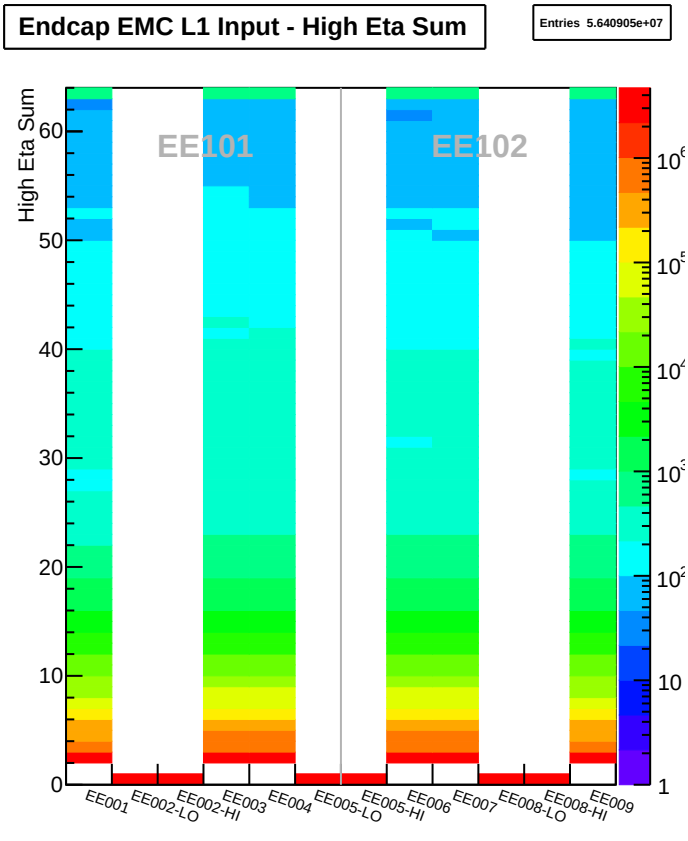

Barrel EMC L1 Input - High Tower Bits
Entries 1.691174e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

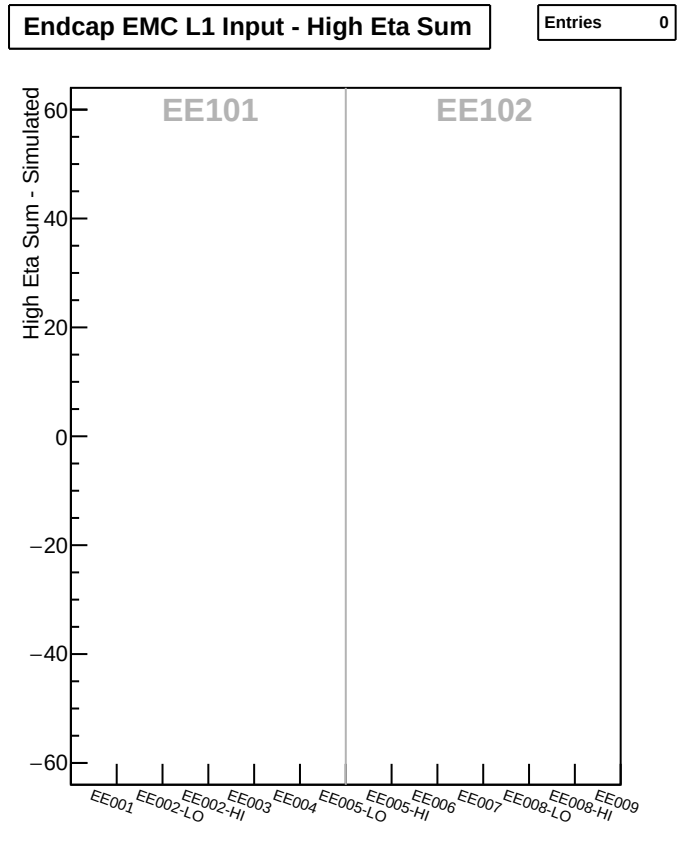

Barrel EMC L1 Input - HT.TP Bit
Entries 1.692271e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 1.581739e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 5.640905e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

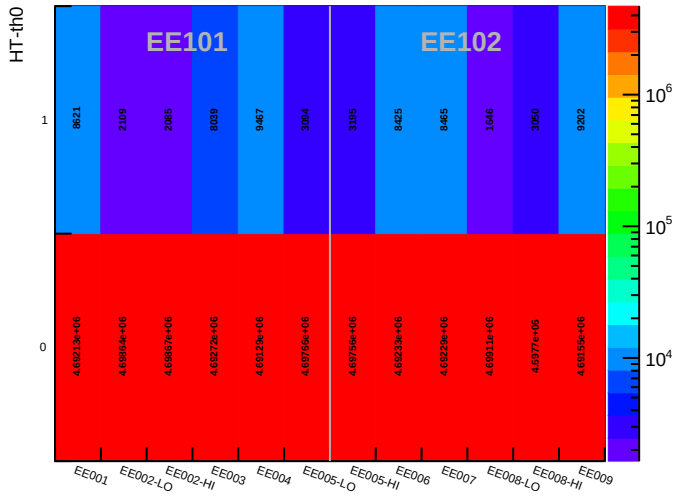

Endcap EMC L1 Input - Low Eta Sum
Entries 1290839
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 5.640905e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

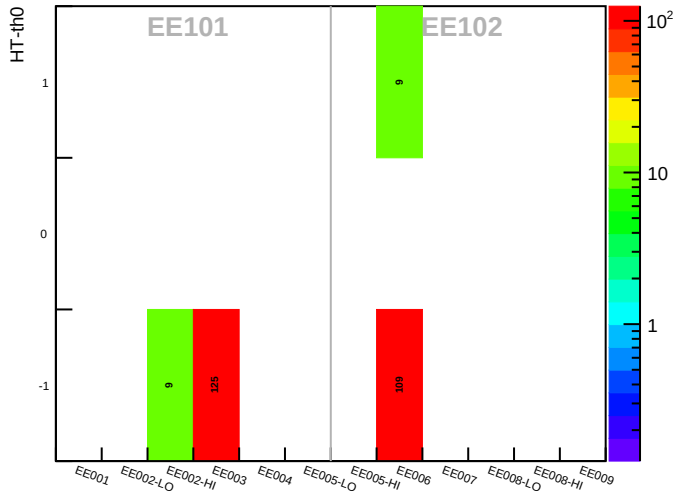
Endcap EMC L1 Input - HT-th0

Entries 5.640905e+07



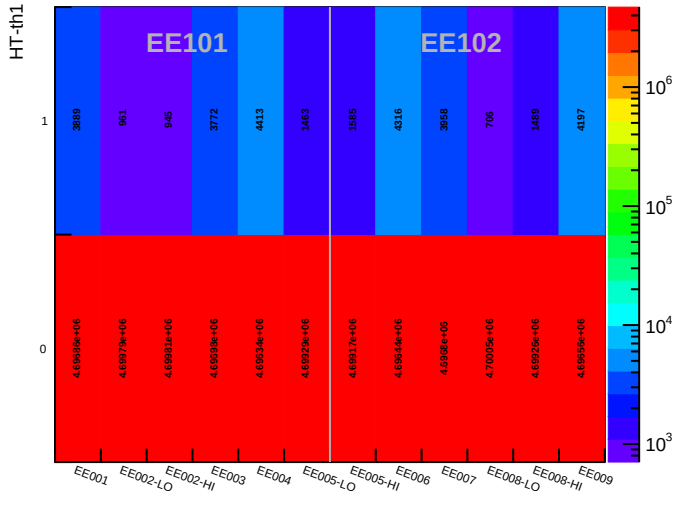
Endcap EMC L1 Input - HT-th0 Diff

Entries 252



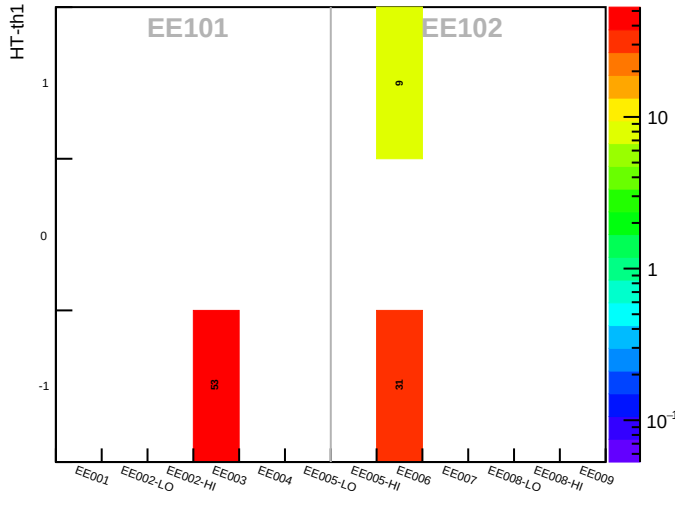
Endcap EMC L1 Input - HT-th1

Entries 5.640905e+07



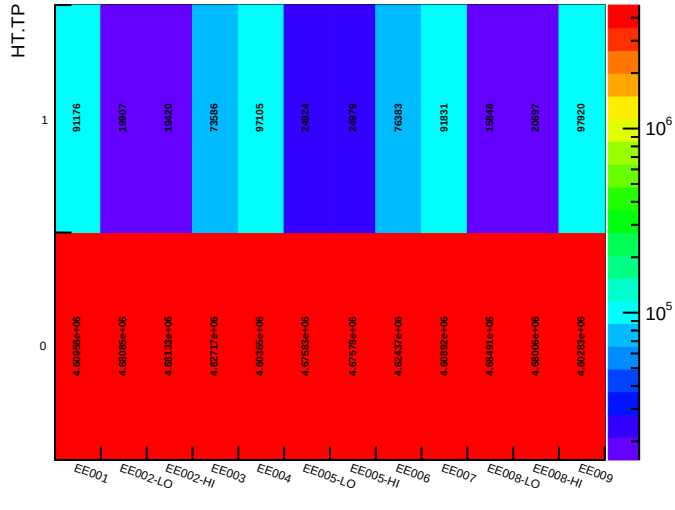
Endcap EMC L1 Input - HT-th1 Diff

Entries 93



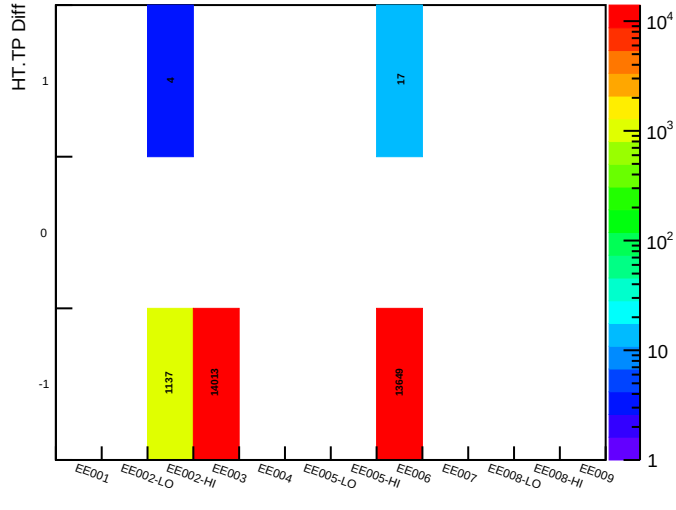
Endcap EMC L1 Input - HT.TP

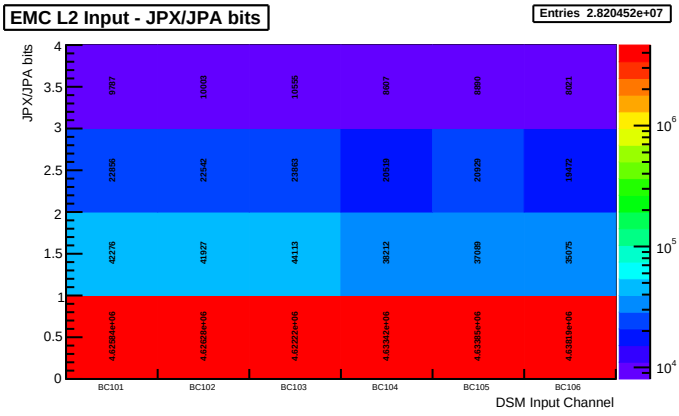
Entries 5.640905e+07

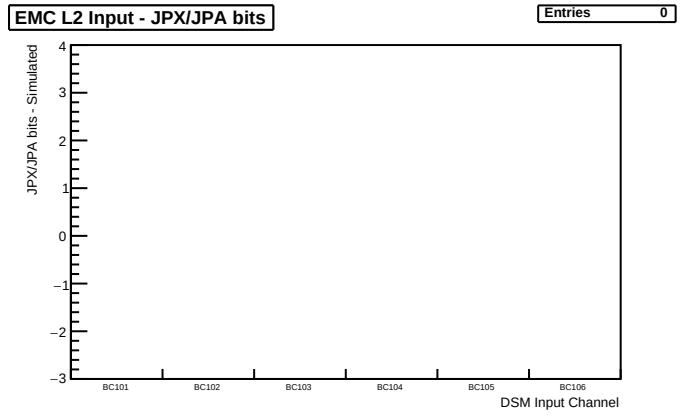


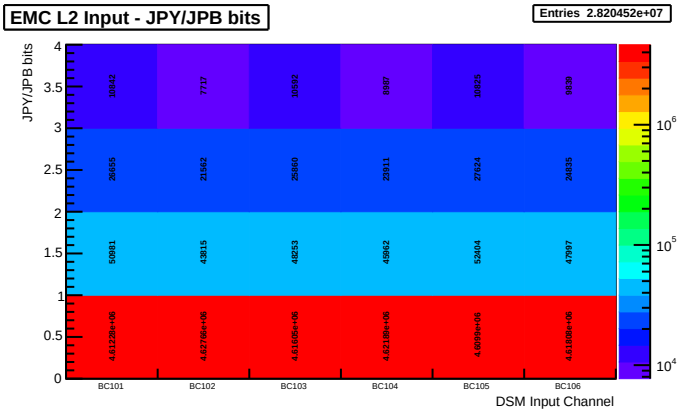
Endcap EMC L1 Input - HT.TP Diff

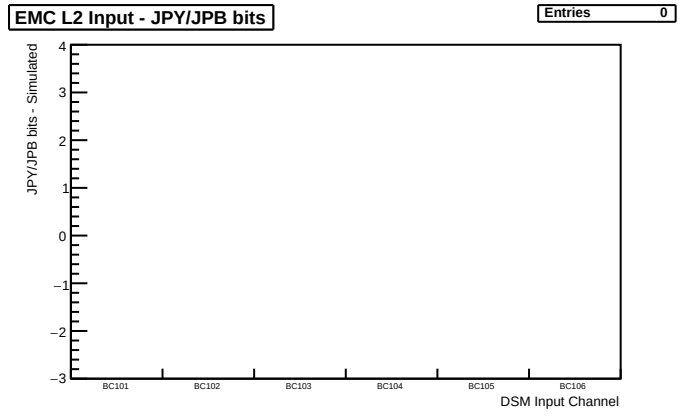
Entries 28820

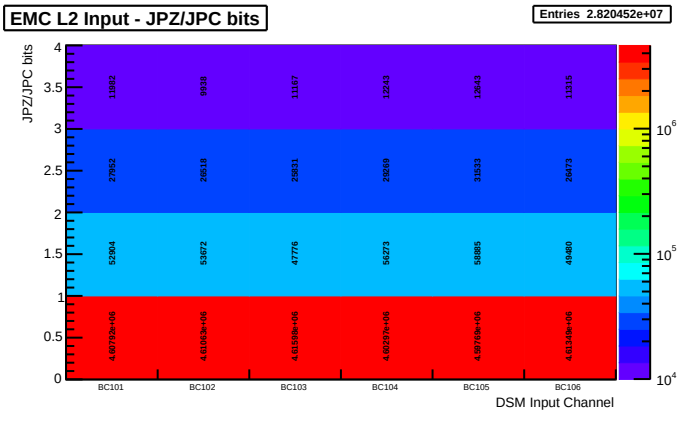


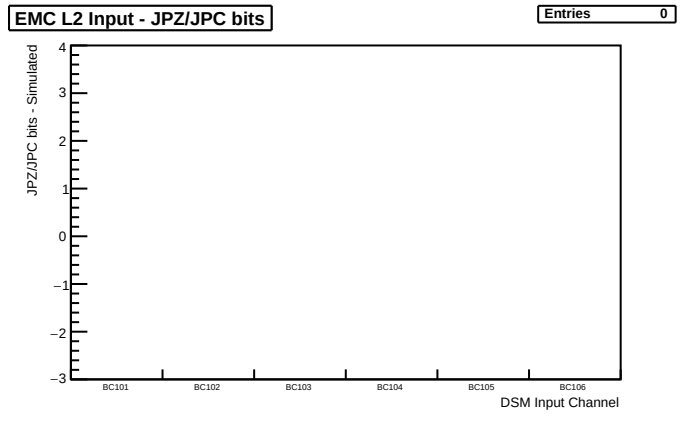

EMC L2 Input - JPX/JPA bits
Entries 2.820452e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9707
10003
10555
8607
8890
8021
22356
22542
23863
20519
20929
19472
42276
41927
44113
38212
37089
35075
4.62384e+06
4.62628e+06
4.62222e+06
4.63352e+06
4.63335e+06
4.63819e+06

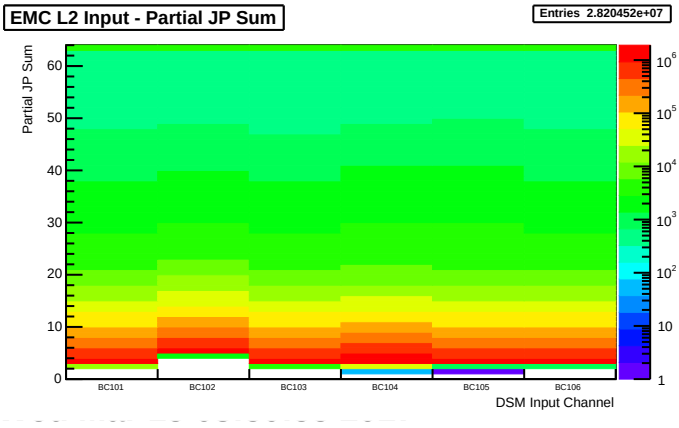

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

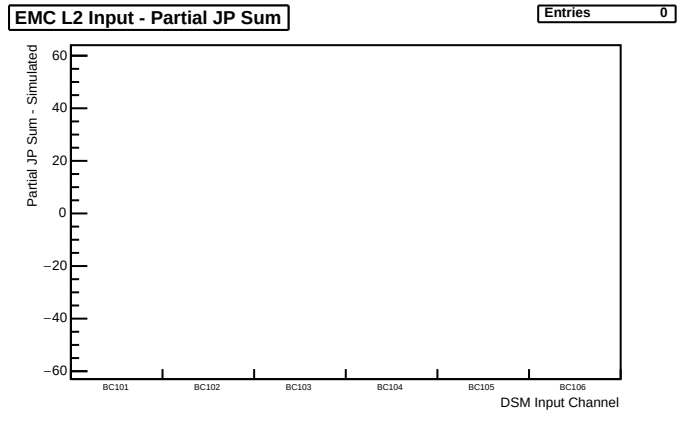

EMC L2 Input - JPY/JPB bits
Entries 2.820452e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10842
7717
10592
8997
10825
9838
26655
21562
25860
23311
27624
24835
50981
43815
48253
45942
52404
47997
4.61228e+06
4.62769e+06
4.61505e+06
4.62189e+06
4.6099e+06
4.61809e+06

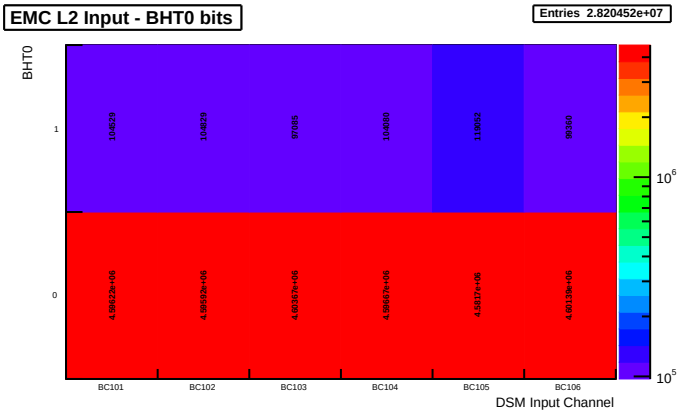

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

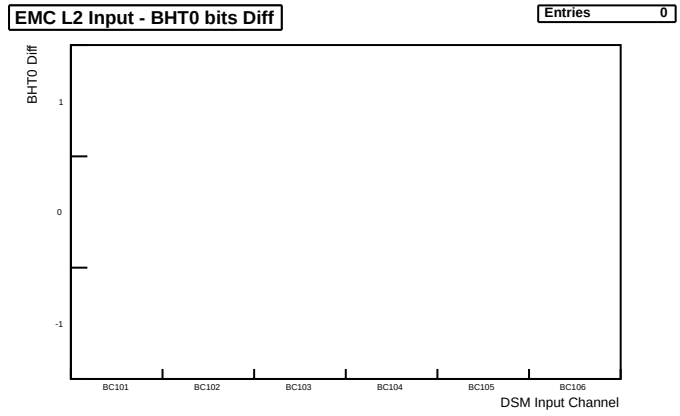

EMC L2 Input - JPZ/JPC bits
Entries 2.820452e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11832
9938
11157
12243
12643
11315
27952
26518
28831
29369
31533
26473
52304
53672
47776
56273
58885
49480
4.00792e+06
4.01053e+06
4.01598e+06
4.00297e+06
4.00759e+06
4.01349e+06

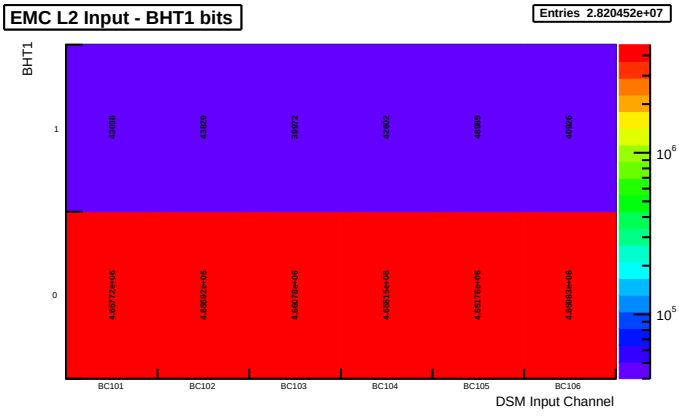

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

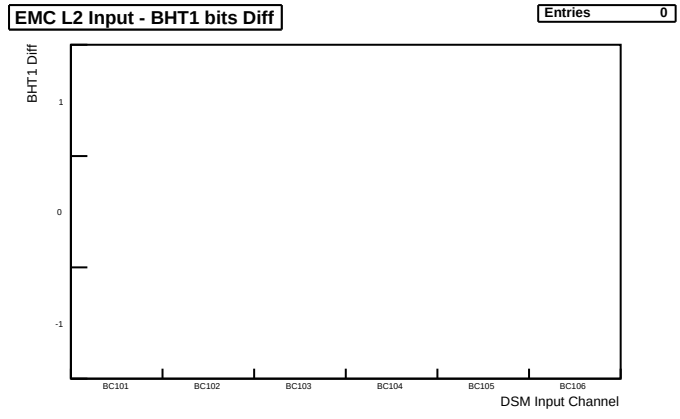

EMC L2 Input - Partial JP Sum
Entries 2.820452e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

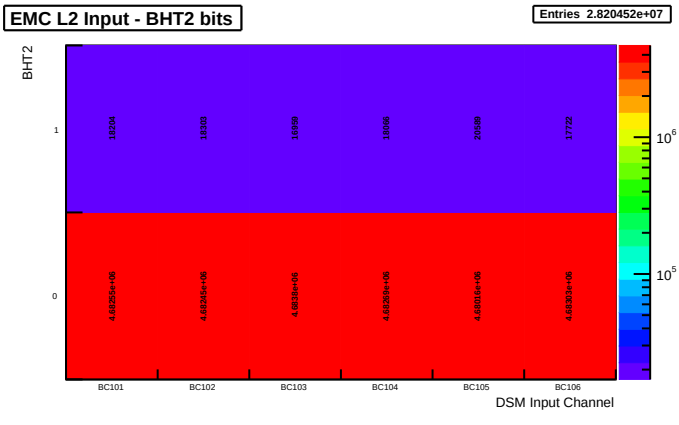

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

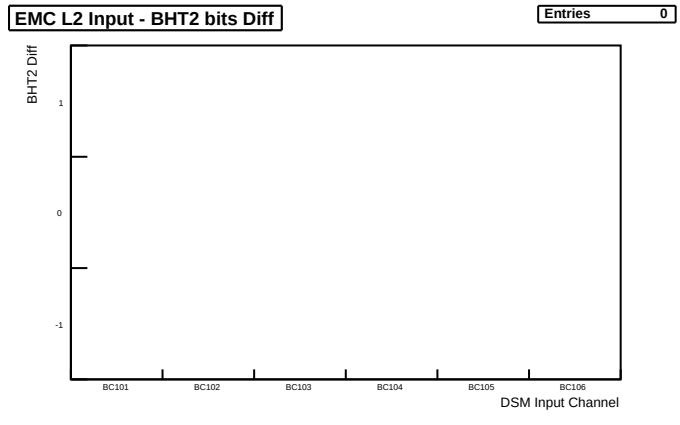

EMC L2 Input - BHT0 bits
Entries 2.820452e+07
BHT0
1
0
104229
104229
97065
104890
119052
99360
4.59452e+06
4.95592e+06
4.60367e+06
4.59667e+06
4.53137e+06
4.60139e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

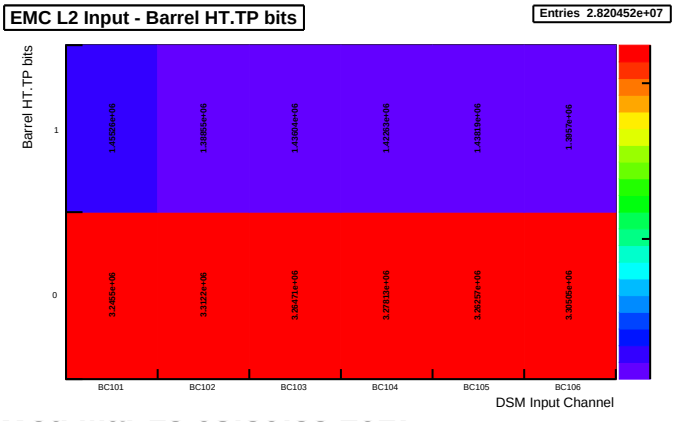

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

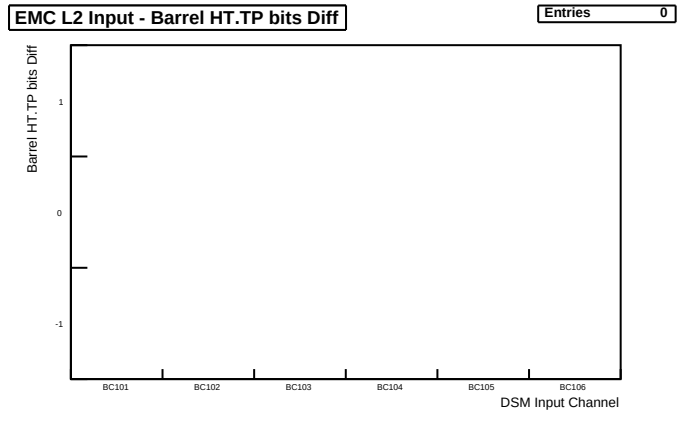

EMC L2 Input - BHT1 bits
Entries 2.820452e+07
BHT1
1
0
43038
43929
39972
42902
43889
40926
4.65722e+06
4.69892e+06
4.66078e+06
4.69815e+06
4.65176e+06
4.69903e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

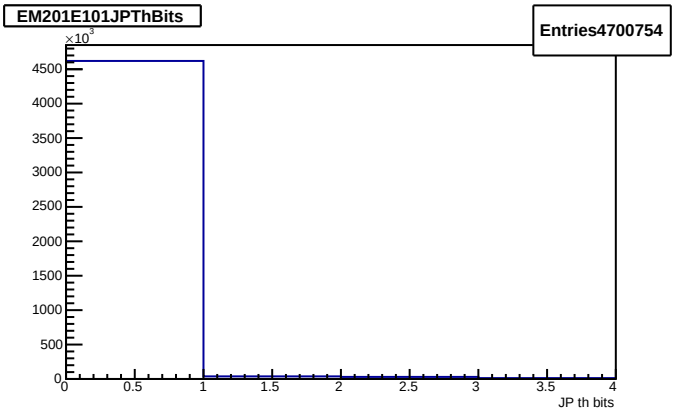

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

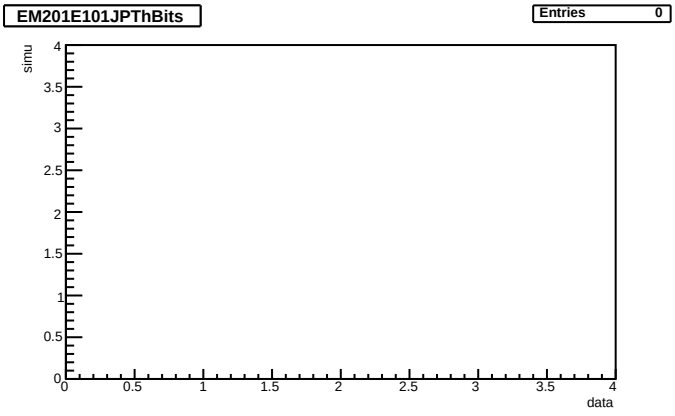

EMC L2 Input - BHT2 bits
Entries 2.820452e+07
BHT2
1
0
18204
18303
16959
18066
20589
17722
4.68255e+06
4.68245e+06
4.6838e+06
4.68269e+06
4.68016e+06
4.68333e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

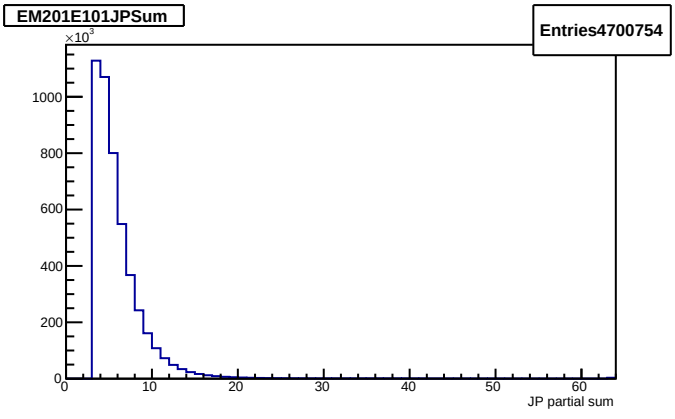

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

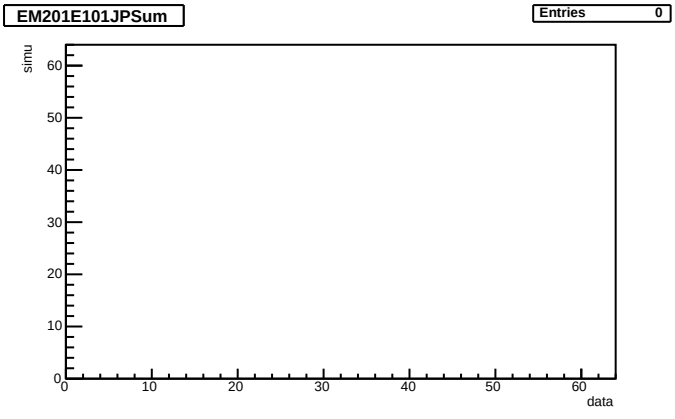

EMC L2 Input - Barrel HT.TP bits
Entries 2.820452e+07
Barrel HT.TP bits
1
0
1.45326e+06
1.38955e+06
1.43504e+06
1.42263e+06
1.43619e+06
1.3957e+06
3.24565e+06
3.3122e+06
3.26471e+06
3.27813e+06
3.26257e+06
3.30505e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

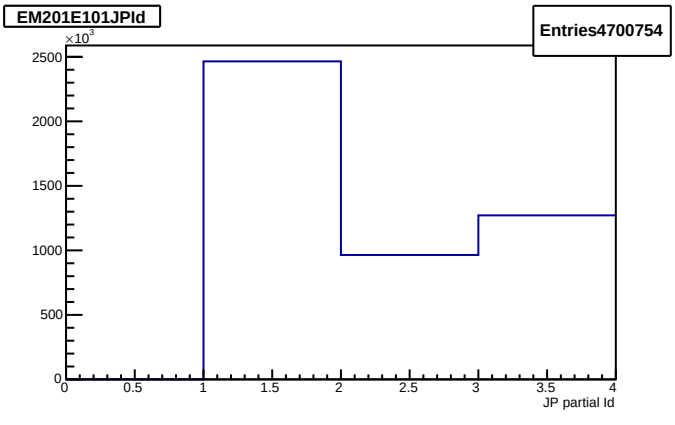

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

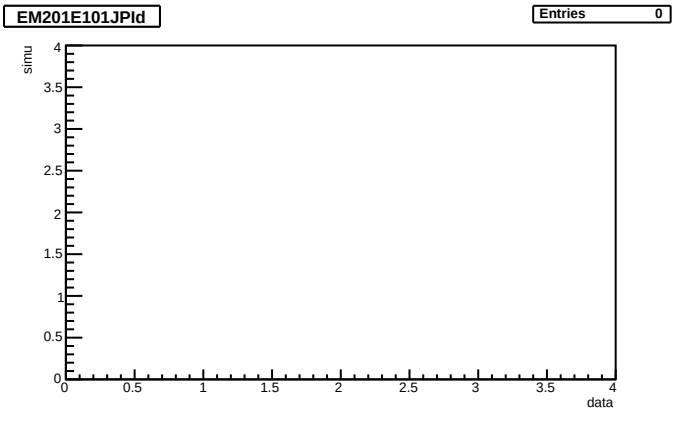

EM201E101JPThBits
Entries4700754
×10^3
JP th bits

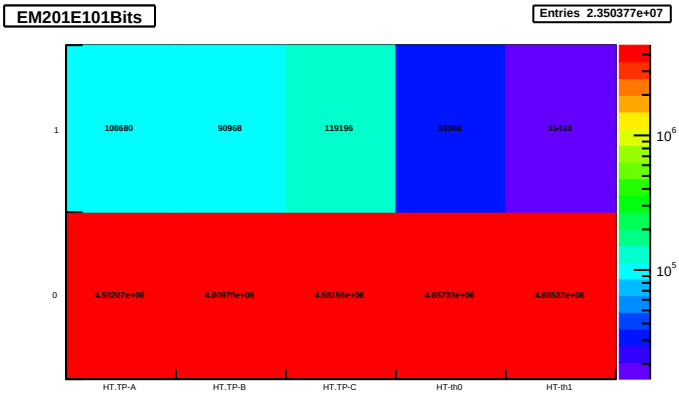

EM201E101JPThBits
Entries 0
simu
data

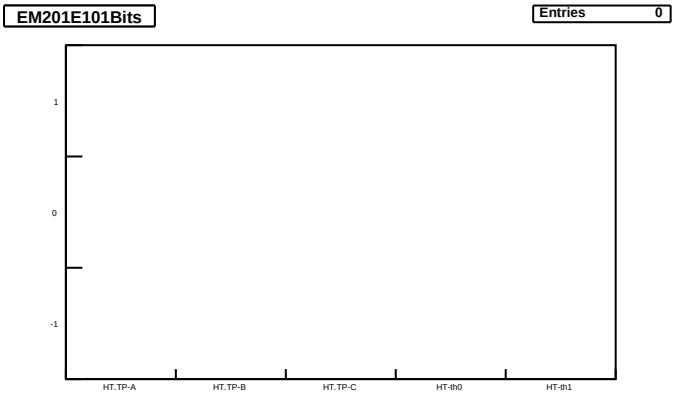

EM201E101JPSum
Entries4700754
×10^3
JP partial sum

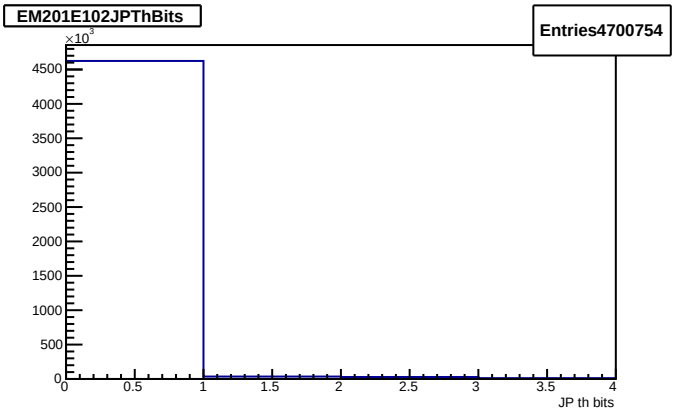

EM201E101JPSum
Entries 0
simu
data

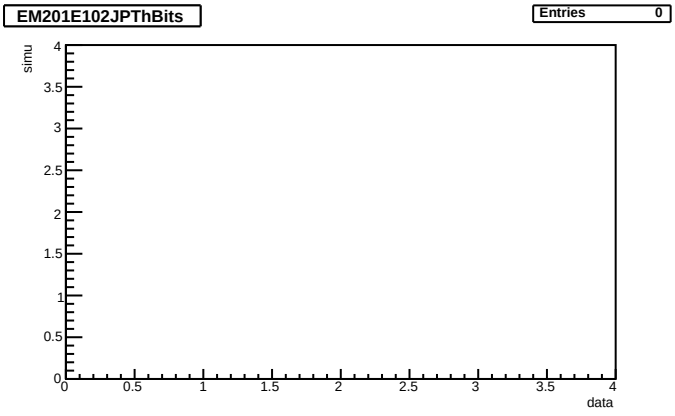

EM201E101JPId
Entries4700754
×10^3
JP partial Id

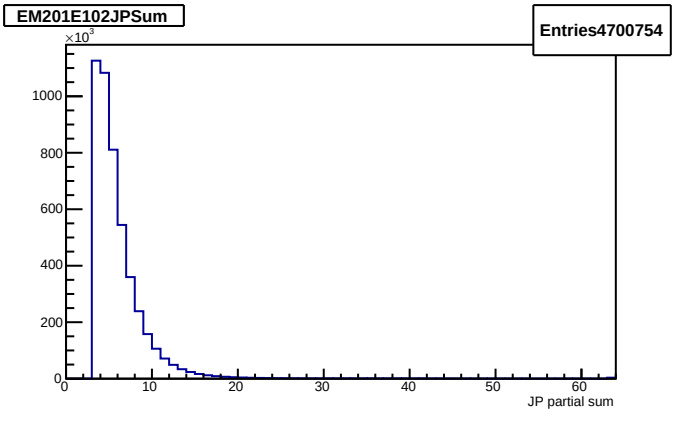

EM201E101JPId
Entries 0
simu
data

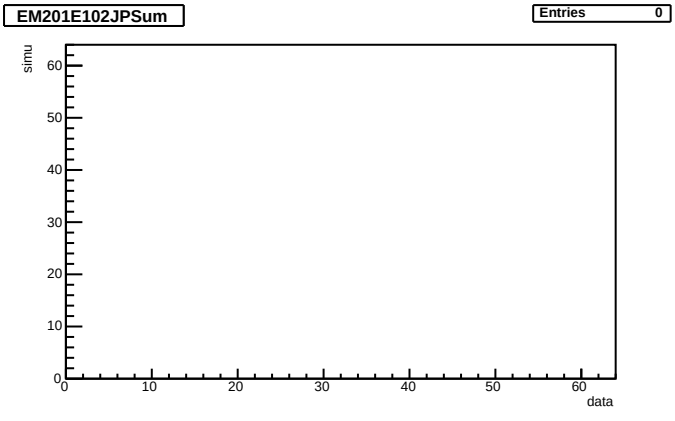

EM201E101Bits
Entries 2.350377e+07
108680
90968
119196
33366
15433
4.59207e+06
4.60979e+06
4.58156e+06
4.66739e+06
4.68532e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

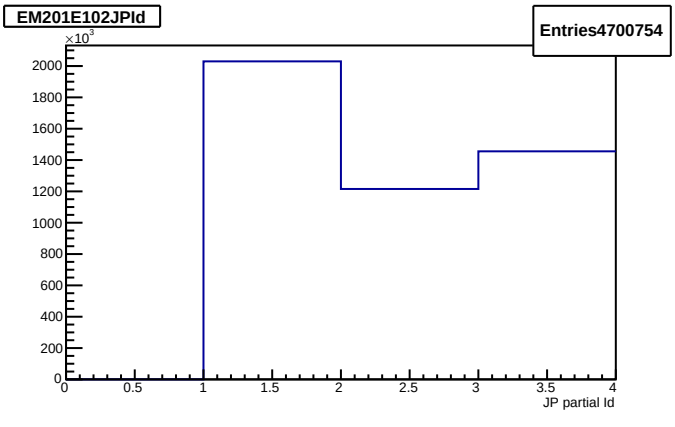

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

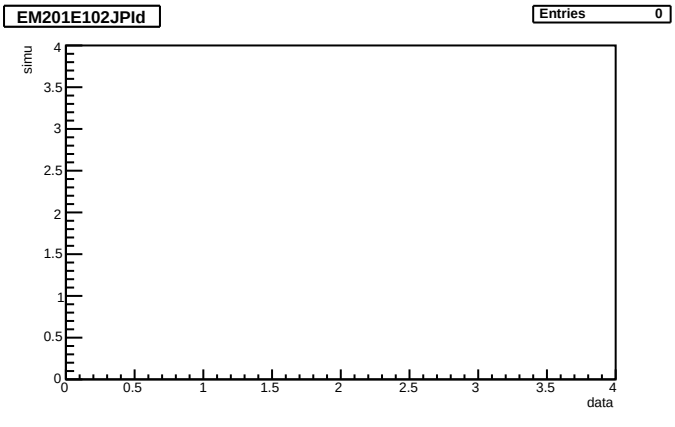

EM201E102JPThBits
Entries4700754
×10^3
JP th bits

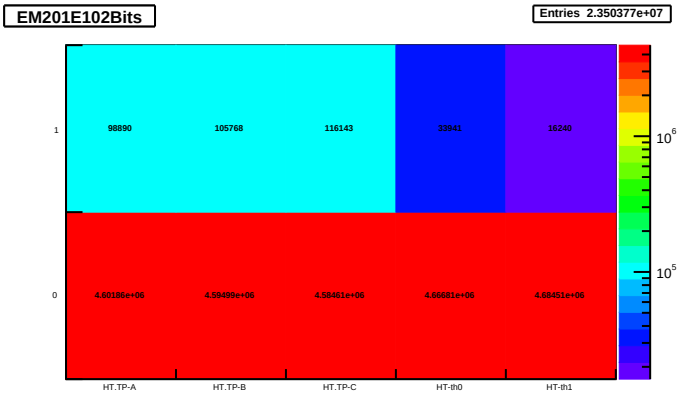

EM201E102JPThBits
Entries 0
simu
data

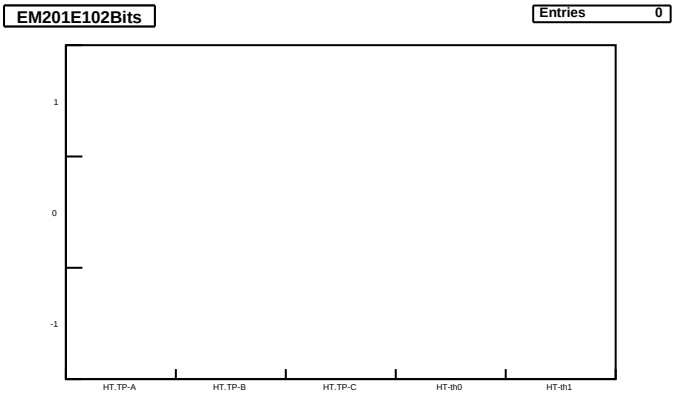

EM201E102JPSum
Entries4700754
×10^3
JP partial sum

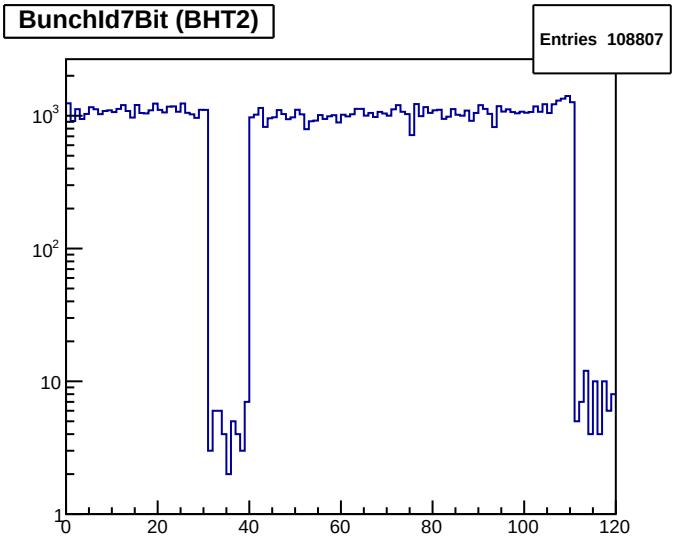

EM201E102JPSum
Entries 0
simu
data

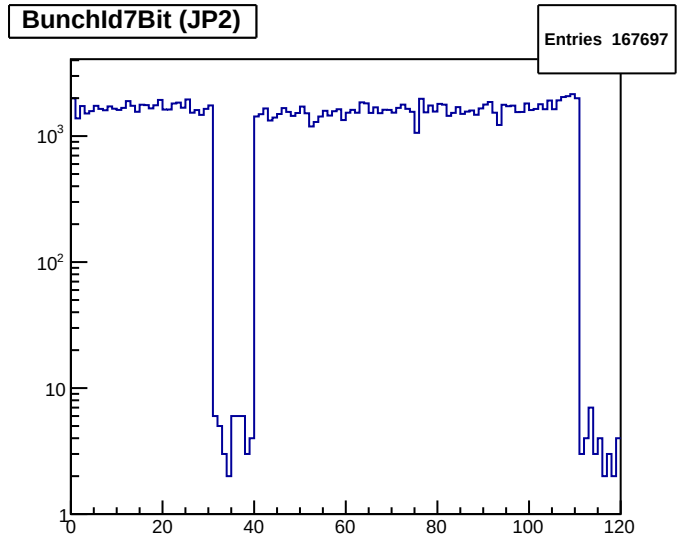

EM201E102JPId
Entries4700754
×10^3
JP partial Id

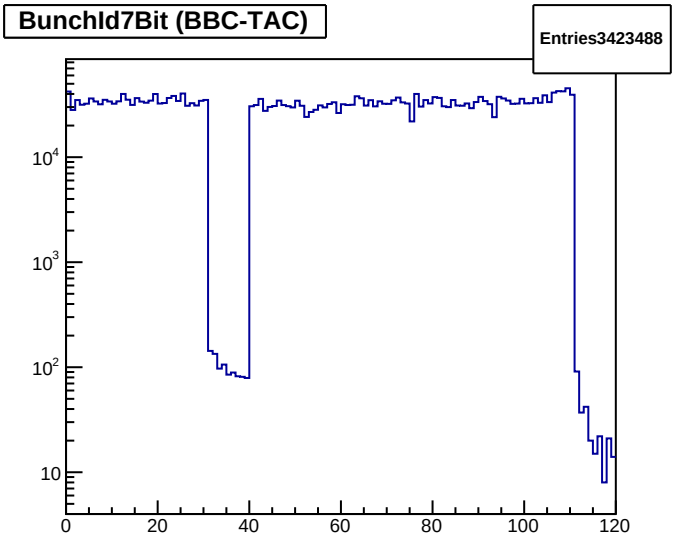

EM201E102JPId
Entries 0
simu
data

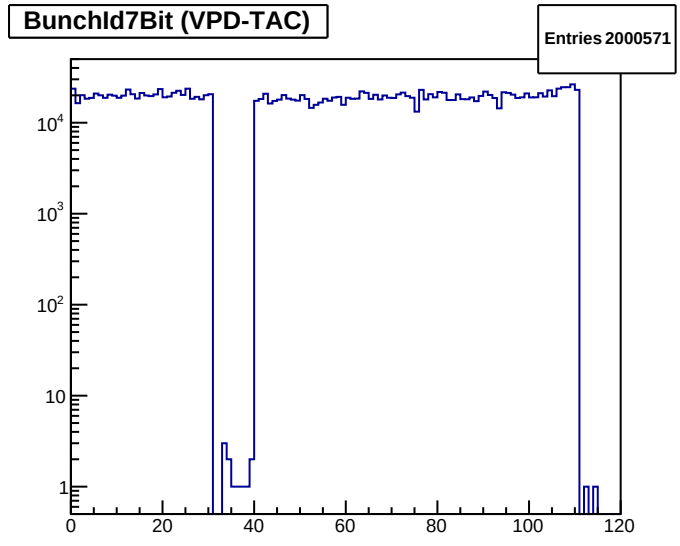

EM201E102Bits
Entries 2.350377e+07
98890
105768
116143
33941
16240
4.60186e+06
4.59499e+06
4.58461e+06
4.66681e+06
4.68451e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

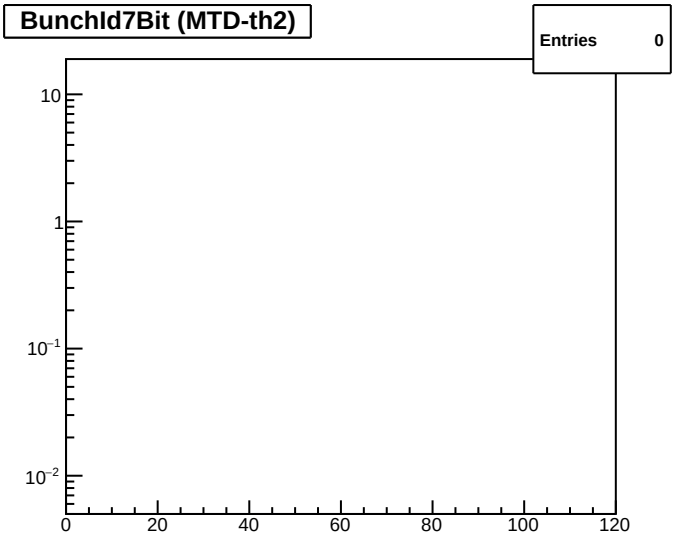

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

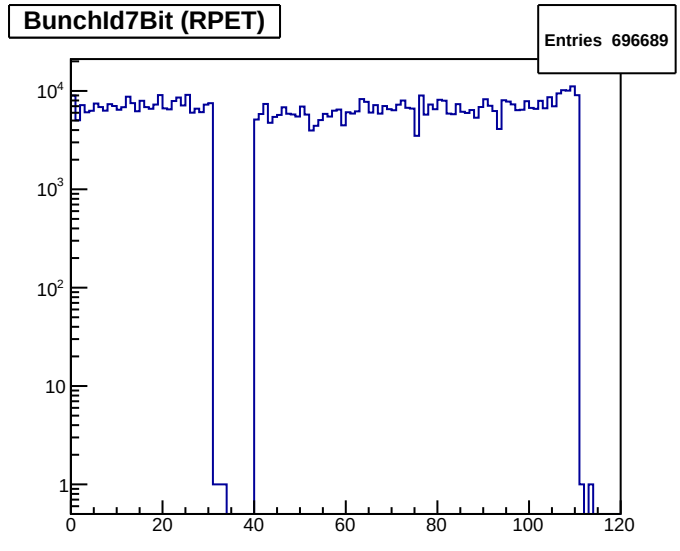

BunchId7Bit (BHT2)
Entries 108807

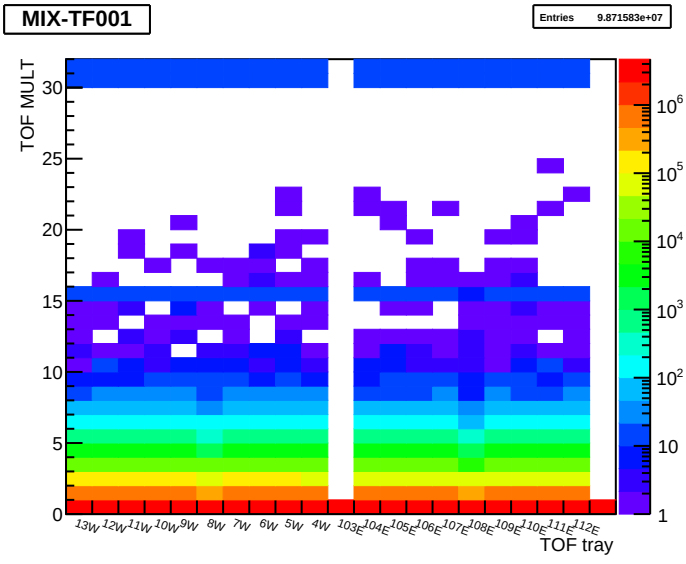

BunchId7Bit (JP2)
Entries 167697

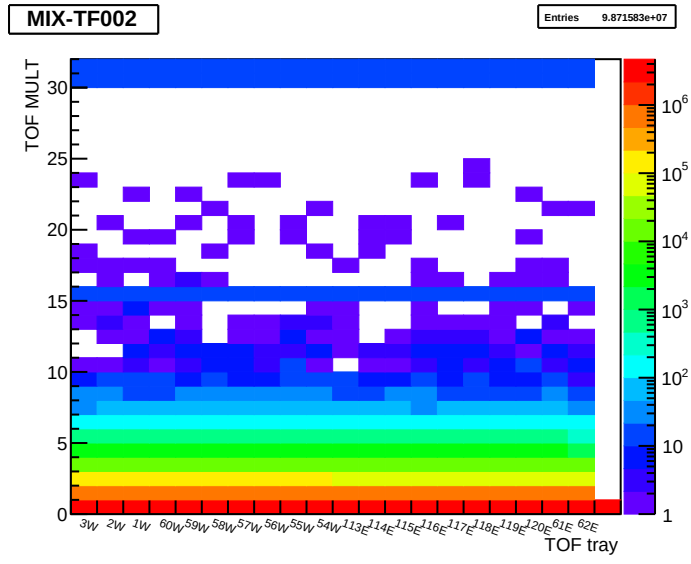

BunchId7Bit (BBC-TAC)
Entries3423488

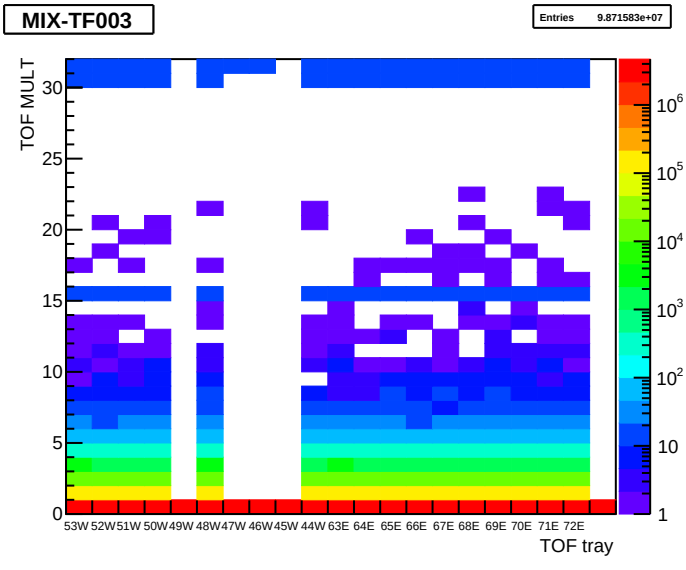

BunchId7Bit (VPD-TAC)
Entries 2000571

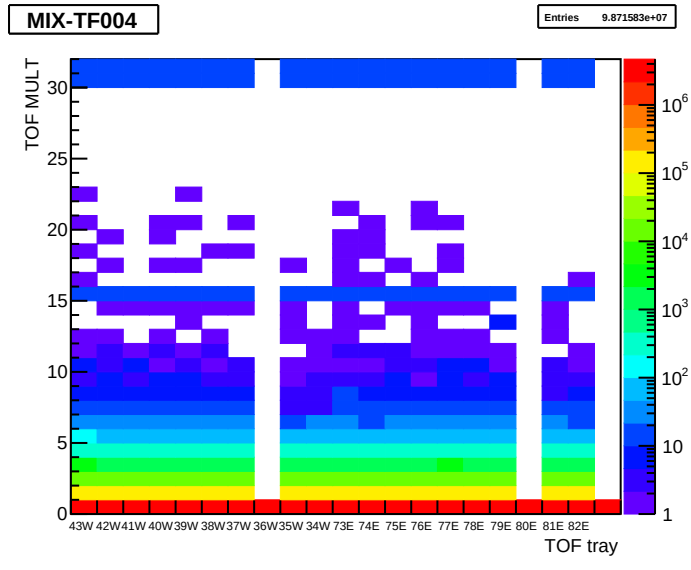

BunchId7Bit (MTD-th2)
Entries 0

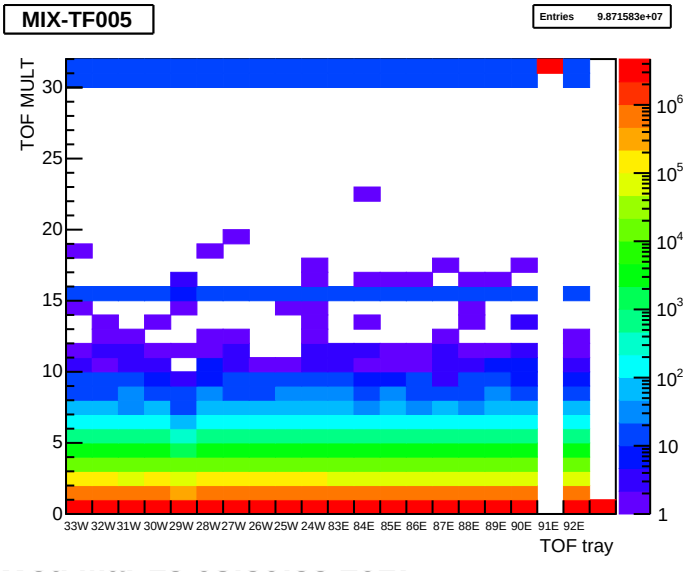

BunchId7Bit (RPET)
Entries 696689

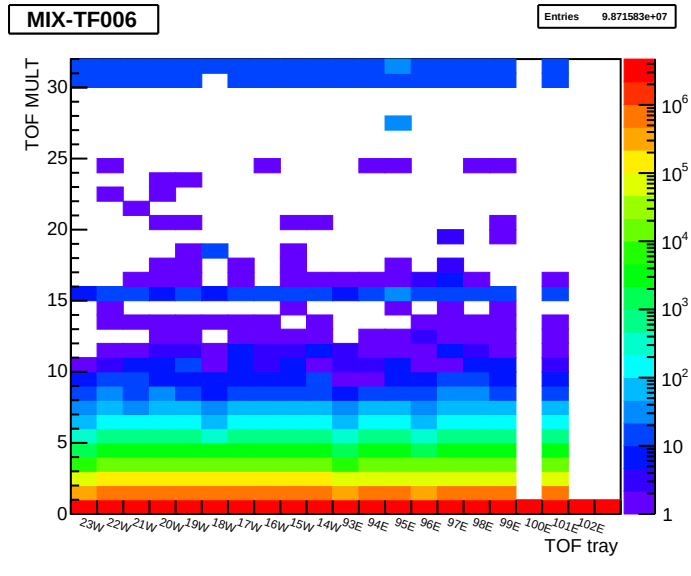

MIX-TF001
Entries 9.871583e+07
TOF MULT
TOF tray

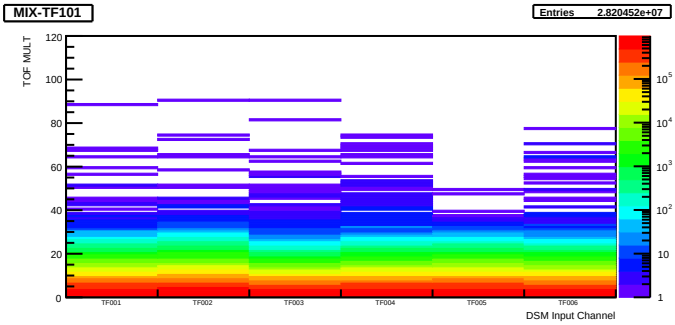

MIX-TF002
Entries 9.871583e+07
TOF MULT
TOF tray

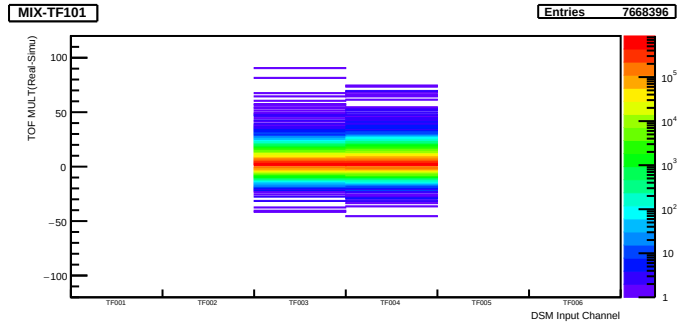

MIX-TF003
Entries 9.871583e+07
TOF MULT
TOF tray

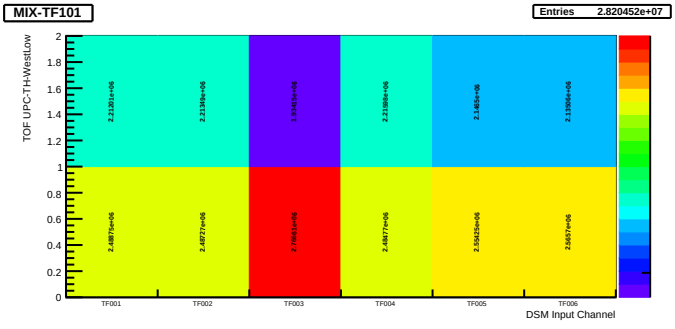

MIX-TF004
Entries 9.871583e+07
TOF MULT
TOF tray

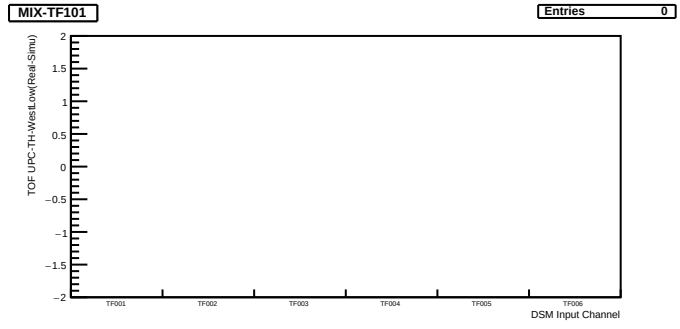

MIX-TF005
Entries 9.871583e+07
TOF MULT
TOF tray

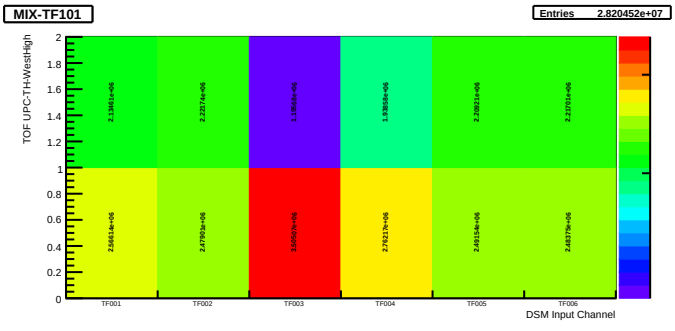

MIX-TF006
Entries 9.871583e+07
TOF MULT
TOF tray

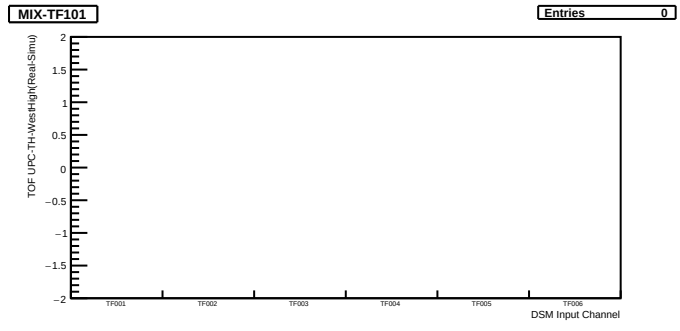

MIX-TF101
Entries 2.820452e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

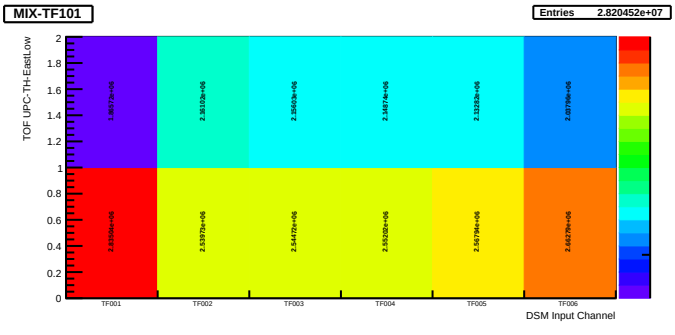

MIX-TF101
Entries 7668396
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

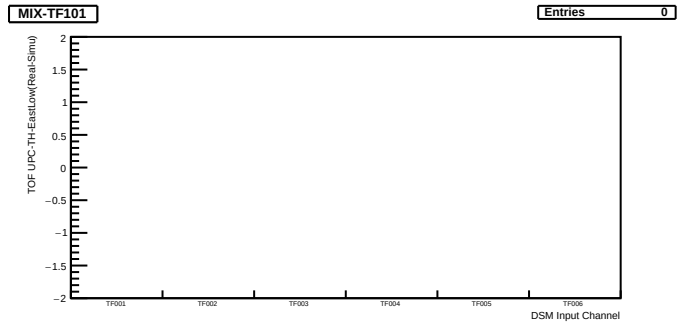

MIX-TF101
Entries 2.820452e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

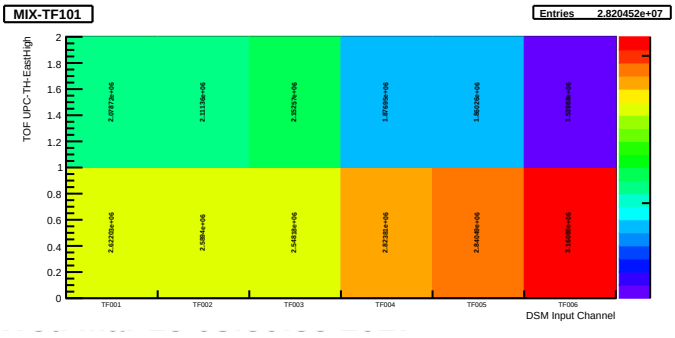

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

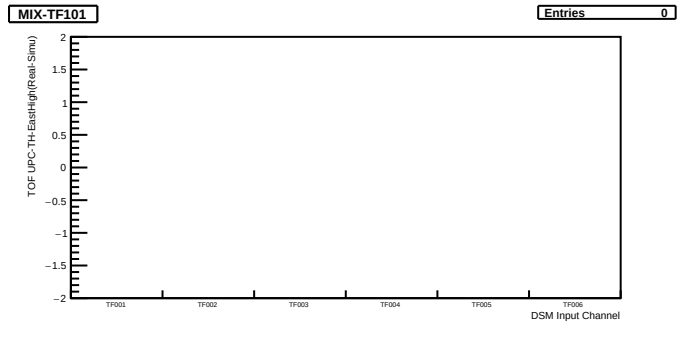

MIX-TF101
Entries 2.820452e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

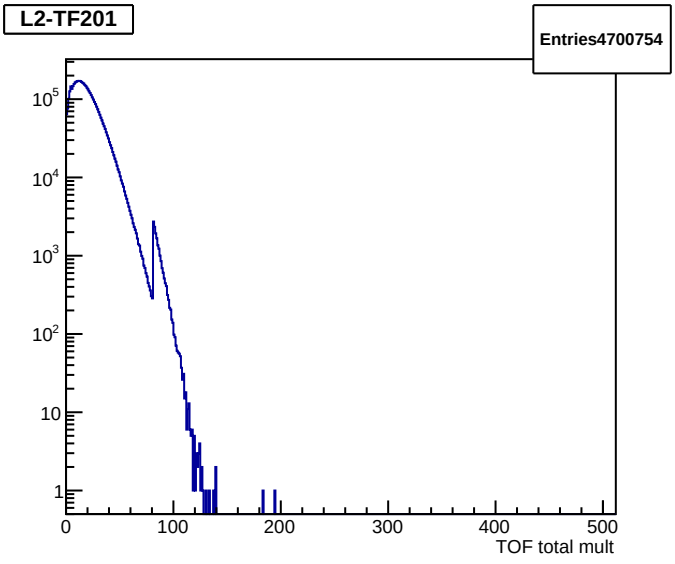

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

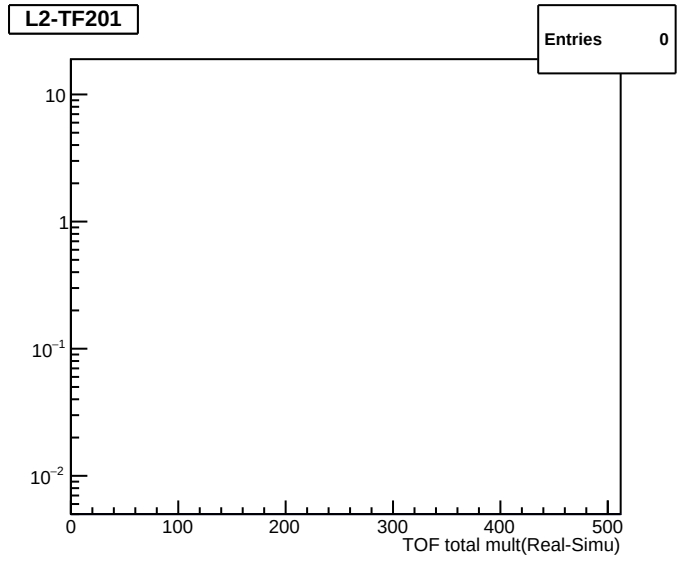

MIX-TF101
Entries 2.820452e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

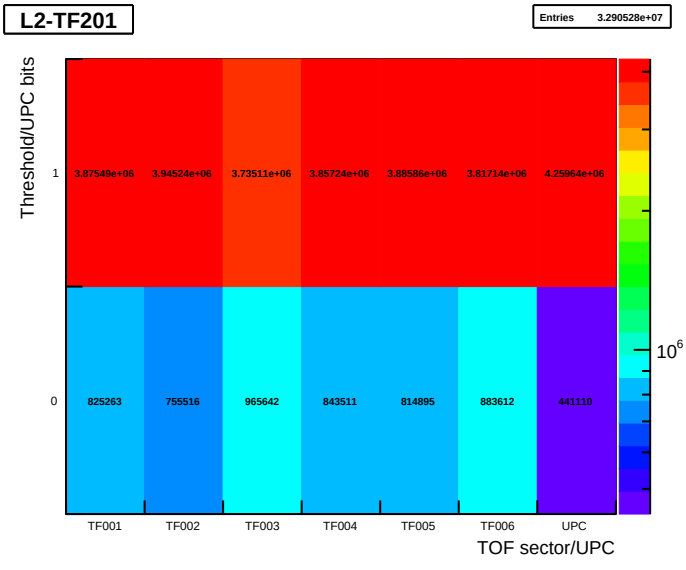

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

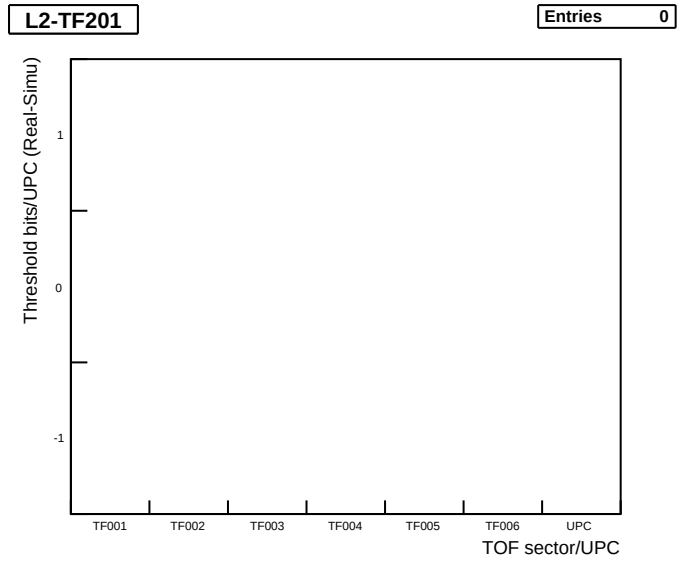

MIX-TF101
Entries 2.820452e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

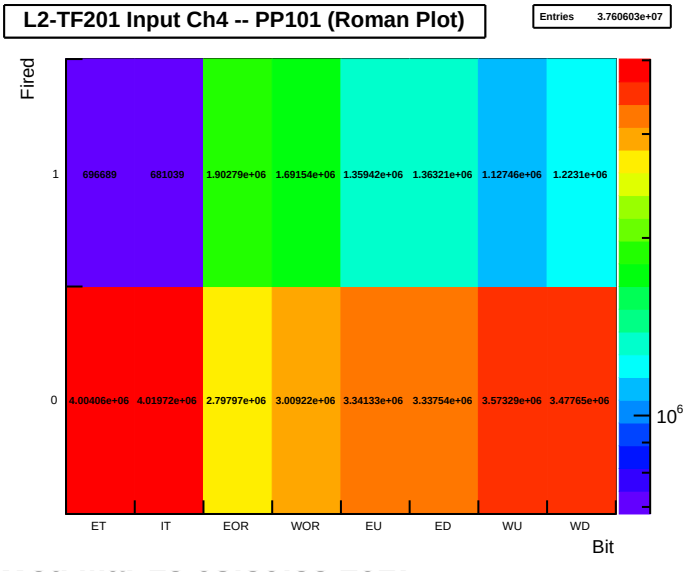

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

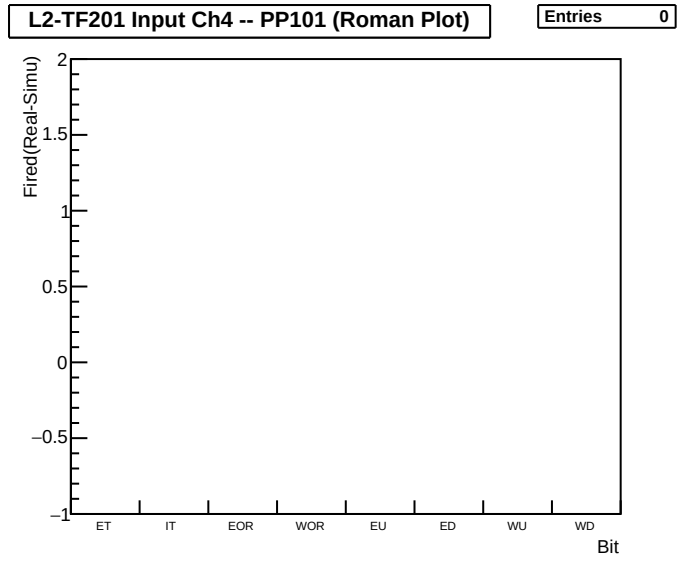

L2-TF201
Entries4700754
TOF total mult

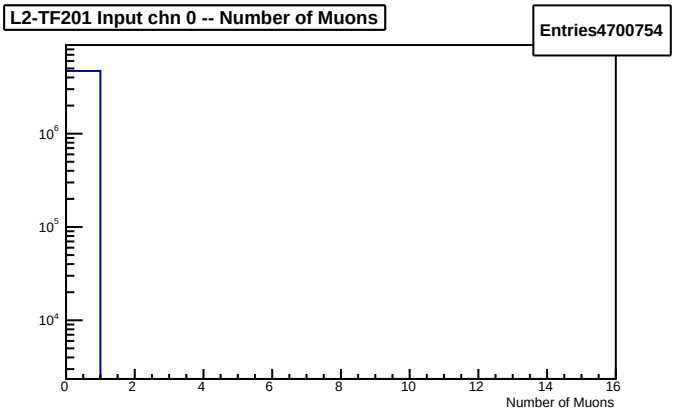

L2-TF201
Entries 0
TOF total mult(Real-Simu)

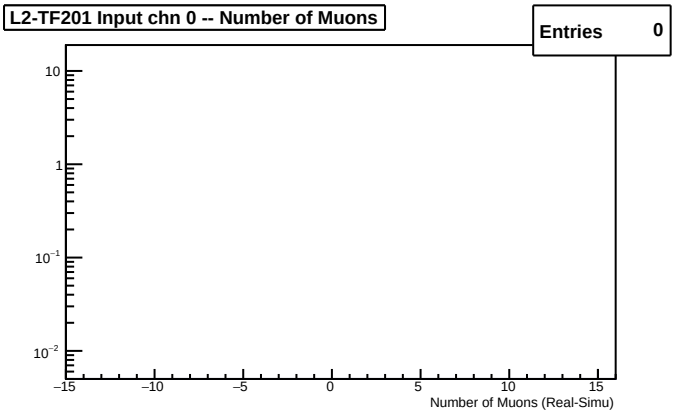

L2-TF201
Entries 3.290528e+07
Threshold/UPC bits
3.87549e+06
3.94524e+06
3.73511e+06
3.85724e+06
3.88586e+06
3.81714e+06
4.25964e+06
825263
755516
965642
843511
814895
883612
441110
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

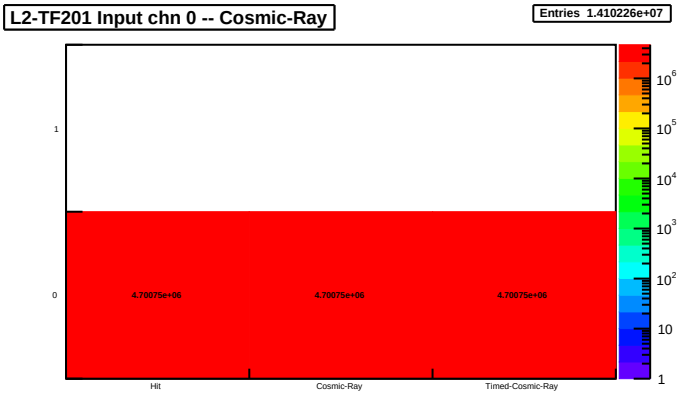

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

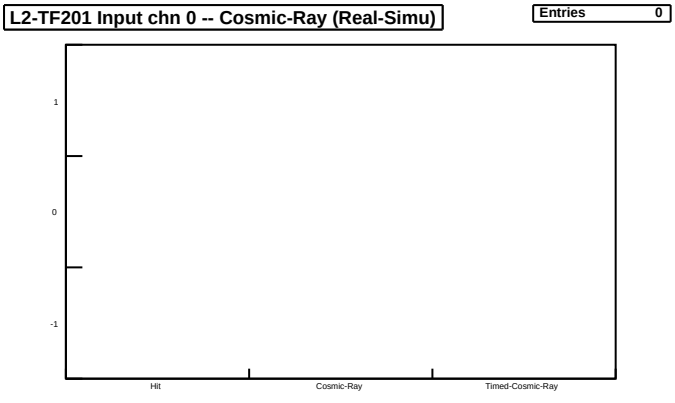

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.760603e+07
Fired
696689
681039
1.90279e+06
1.69154e+06
1.35942e+06
1.36321e+06
1.12746e+06
1.2231e+06
4.00406e+06
4.01972e+06
2.79797e+06
3.00922e+06
3.34133e+06
3.33754e+06
3.57329e+06
3.47765e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

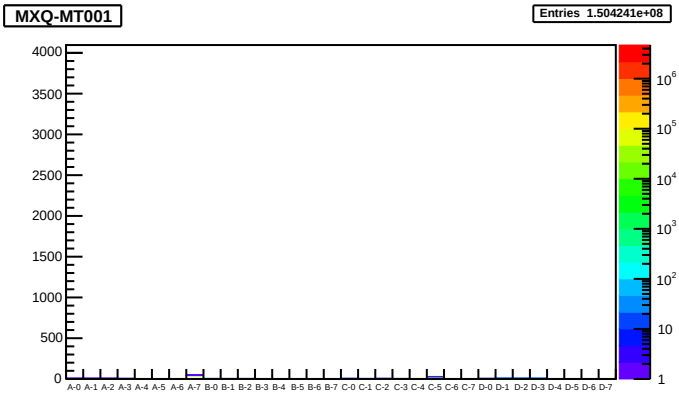

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

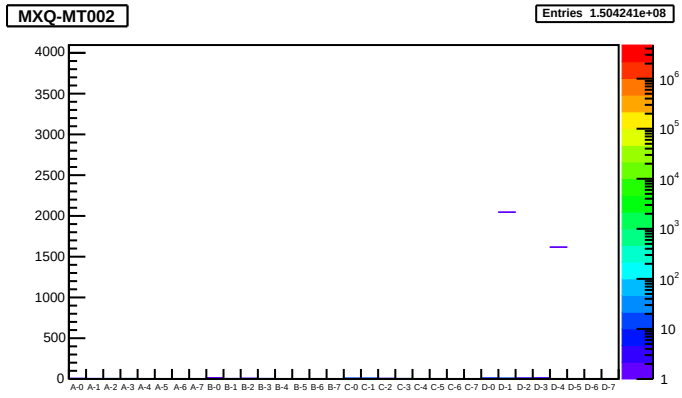

L2-TF201 Input chn 0 -- Number of Muons
Entries4700754
Number of Muons

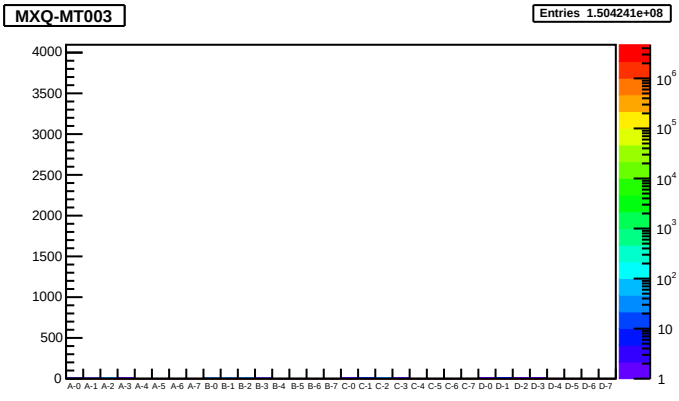

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

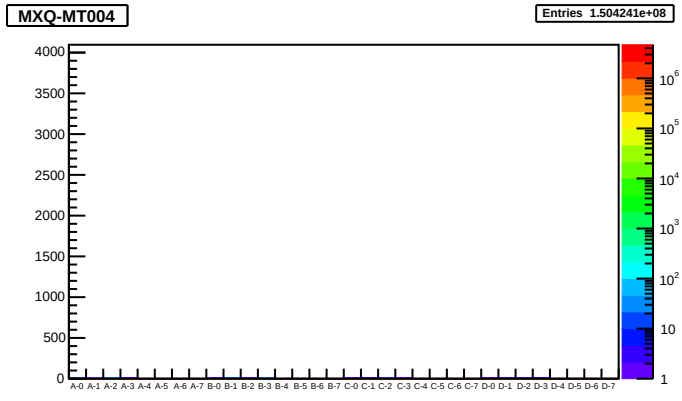

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.410226e+07
4.70075e+06
4.70075e+06
4.70075e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

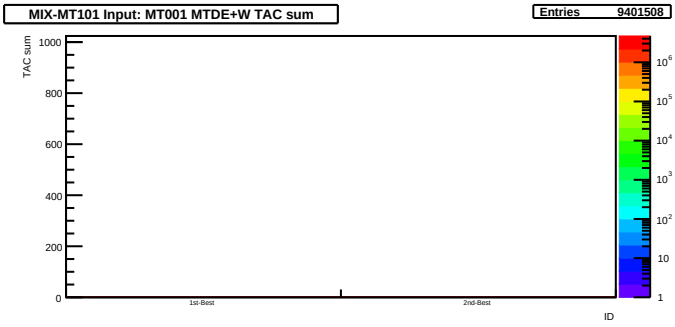

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

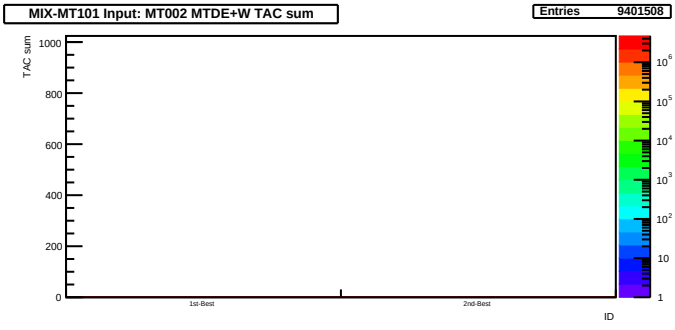

MXQ-MT001
Entries 1.504241e+08

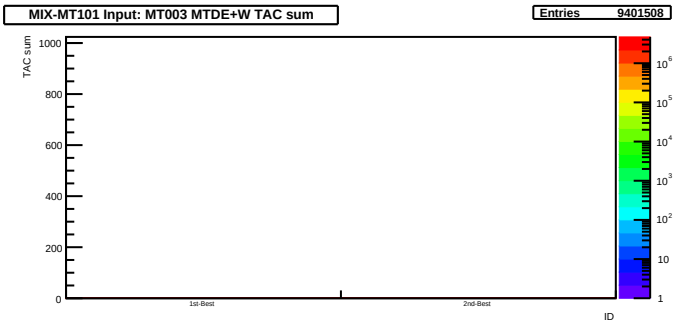

MXQ-MT002
Entries 1.504241e+08

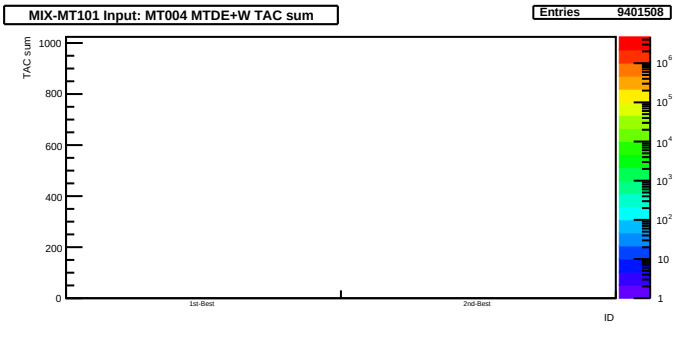

MXQ-MT003
Entries 1.504241e+08

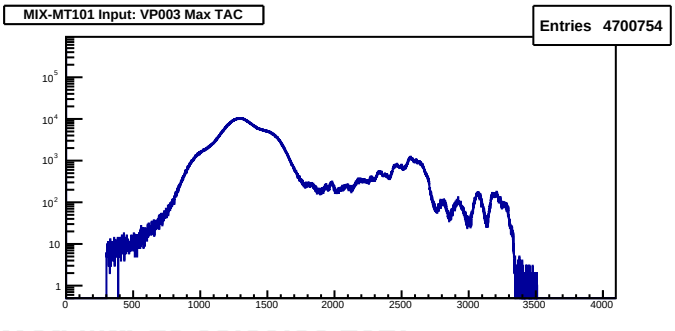

MXQ-MT004
Entries 1.504241e+08

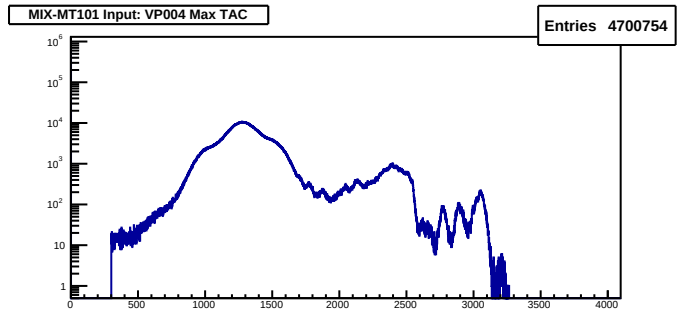

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9401508
TAC sum
1st-Best
2nd-Best
ID

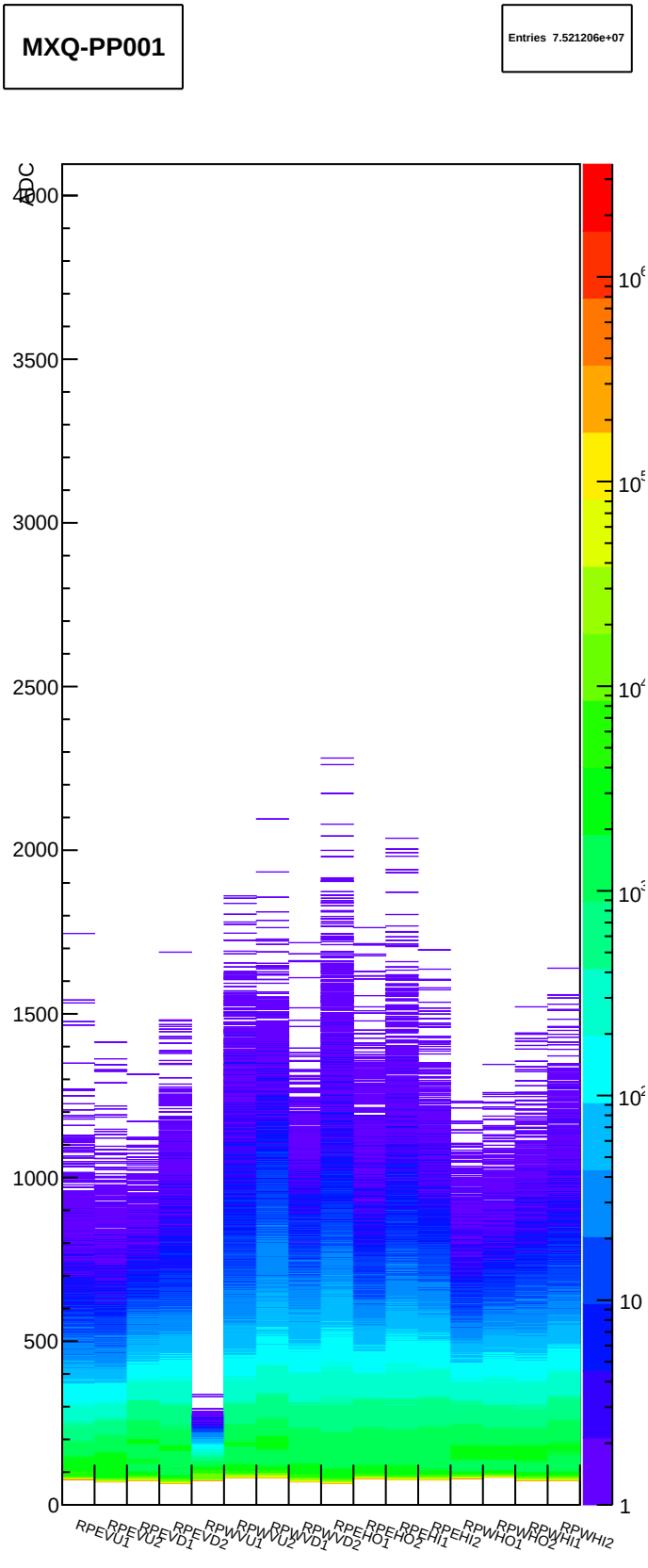

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9401508
TAC sum
1st-Best
2nd-Best
ID

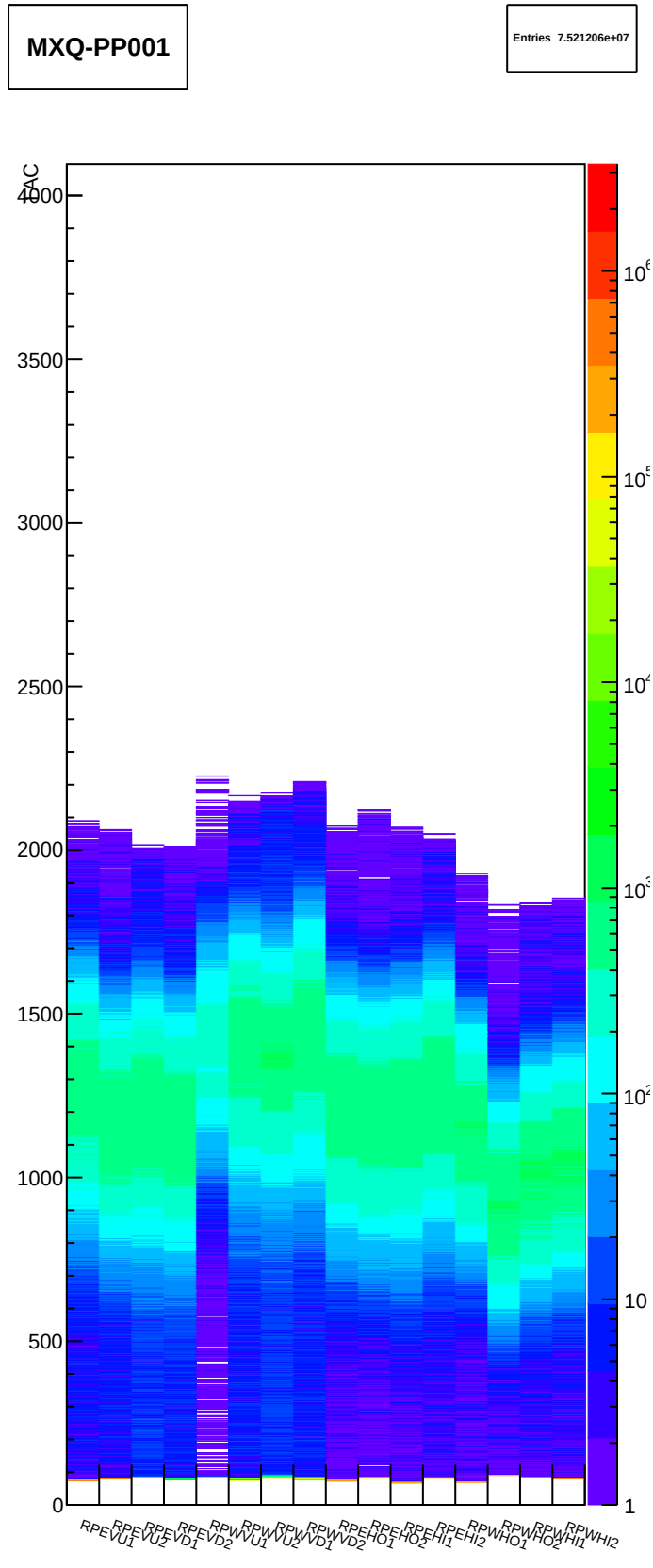

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9401508
TAC sum
1st-Best
2nd-Best
ID

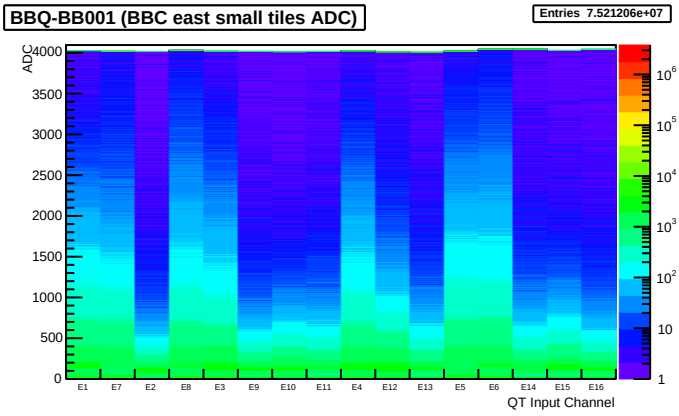

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9401508
TAC sum
1st-Best
2nd-Best
ID

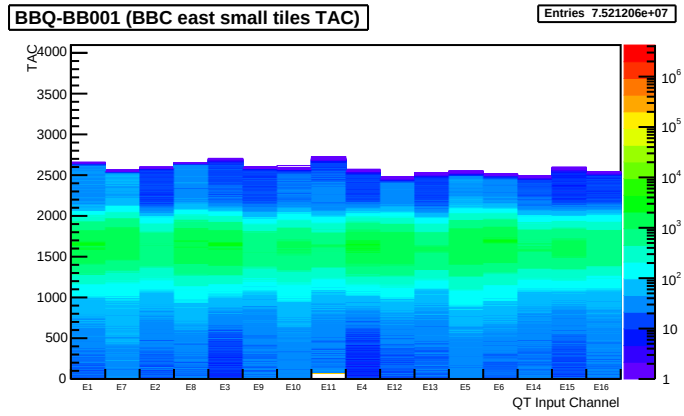

MIX-MT101 Input: VP003 Max TAC
Entries 4700754

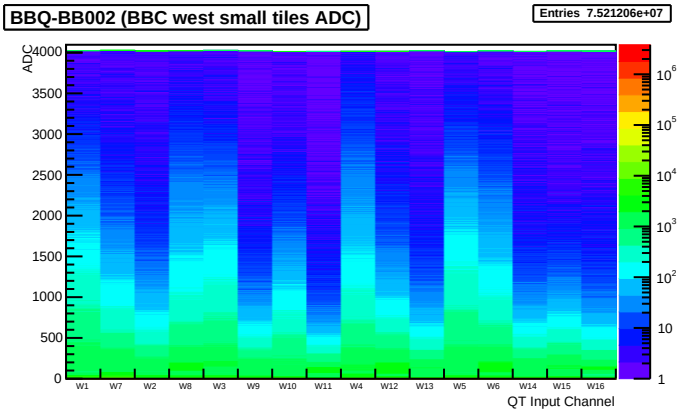

MIX-MT101 Input: VP004 Max TAC
Entries 4700754

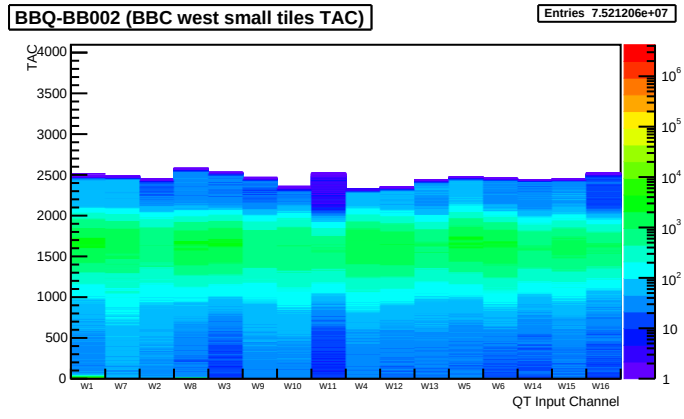

MXQ-PP001
Entries 7.521206e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

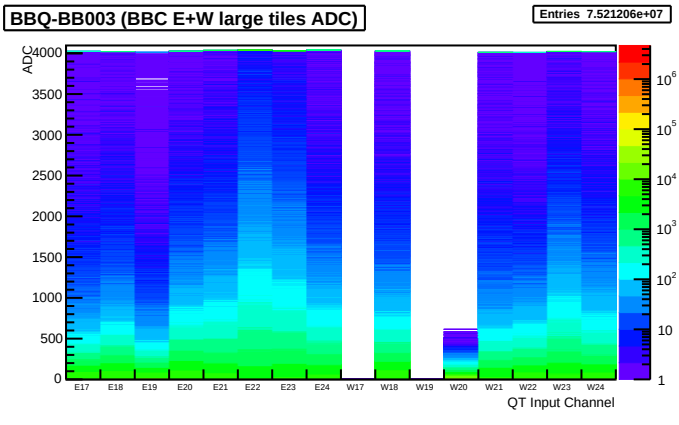

MXQ-PP001
Entries 7.521206e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

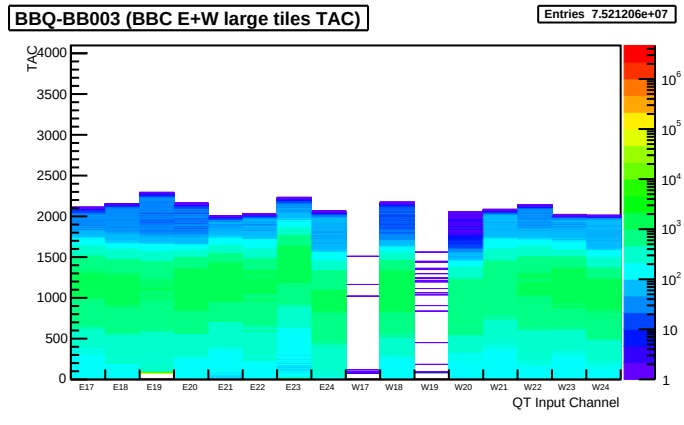

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.521206e+07
ADC
QT Input Channel

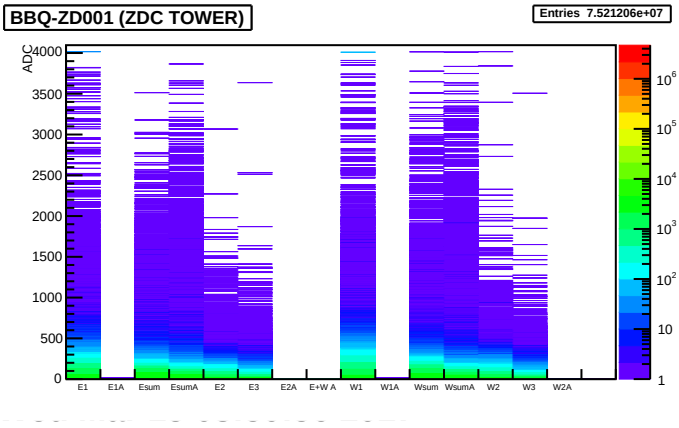

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.521206e+07
TAC
QT Input Channel

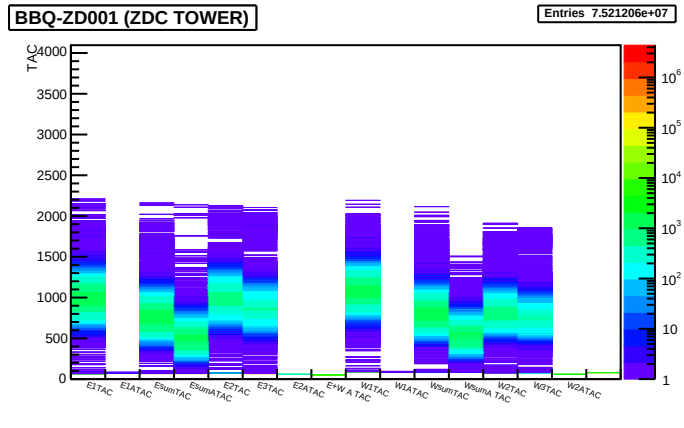

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.521206e+07
ADC
QT Input Channel

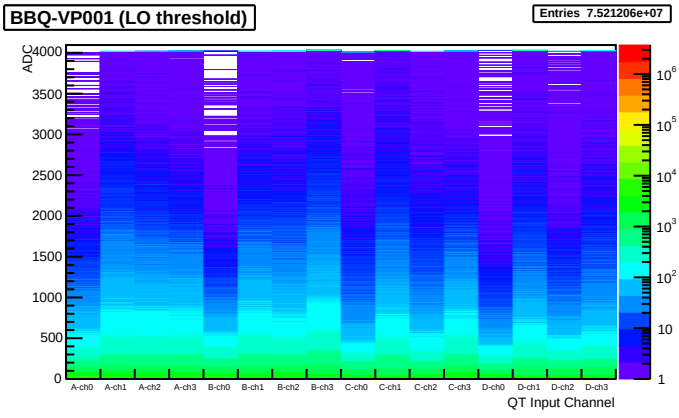

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.521206e+07
TAC
QT Input Channel

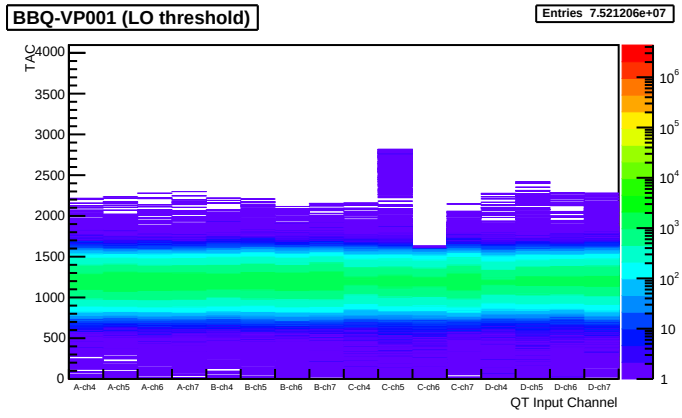

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.521206e+07
ADC
QT Input Channel

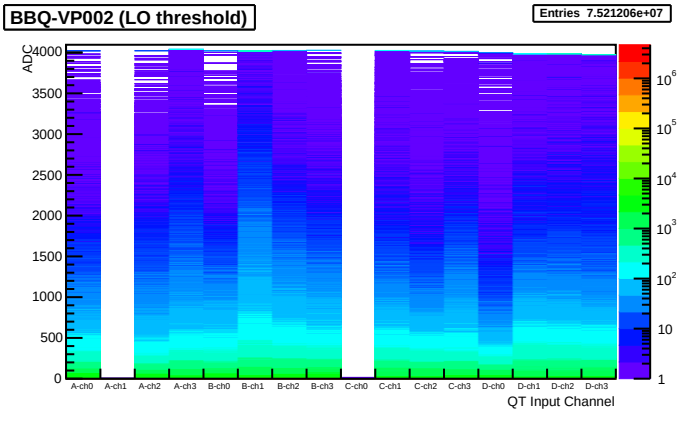

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.521206e+07
TAC
QT Input Channel

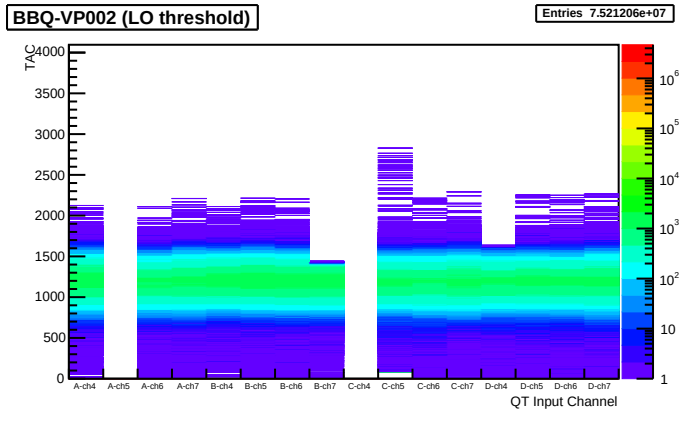

BBQ-ZD001 (ZDC TOWER)
Entries 7.521206e+07
ADC

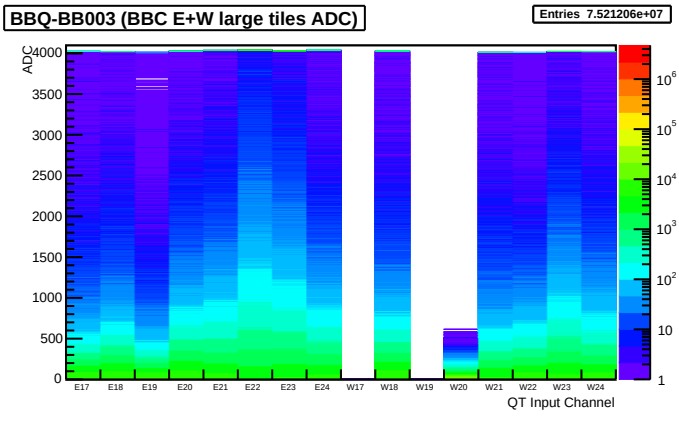

BBQ-ZD001 (ZDC TOWER)
Entries 7.521206e+07
TAC

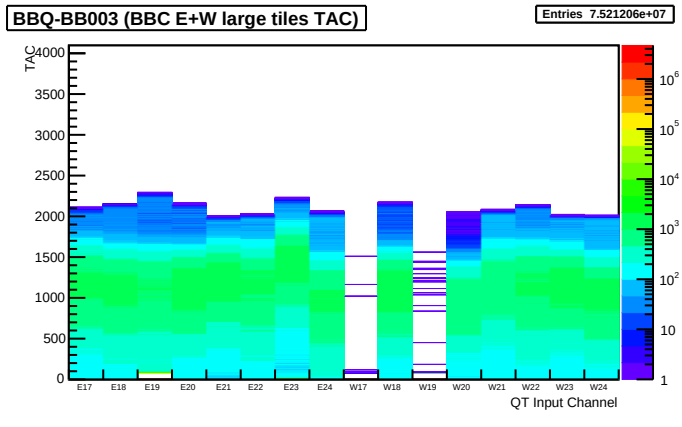

BBQ-VP001 (LO threshold)
Entries 7.521206e+07
ADC
QT Input Channel

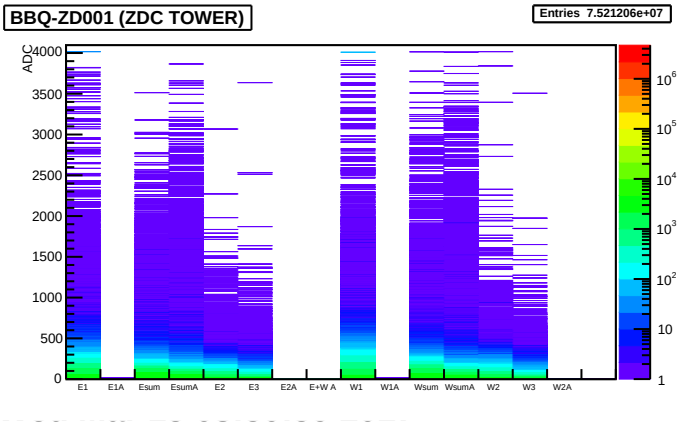

BBQ-VP001 (LO threshold)
Entries 7.521206e+07
TAC
QT Input Channel

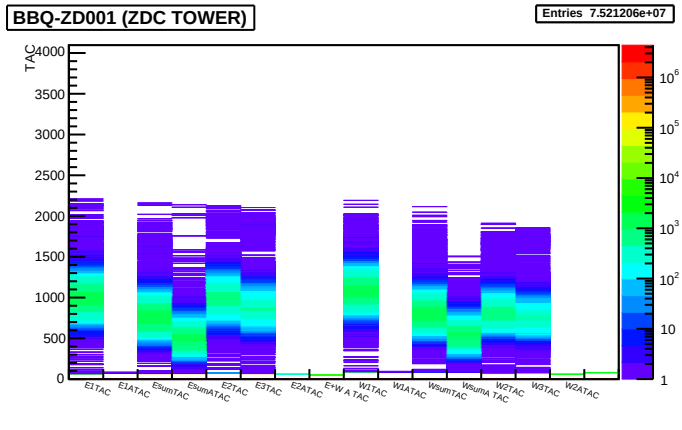

BBQ-VP002 (LO threshold)
Entries 7.521206e+07
ADC
QT Input Channel

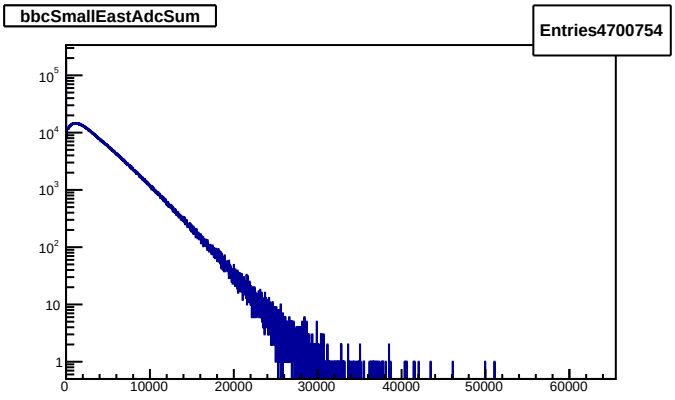

BBQ-VP002 (LO threshold)
Entries 7.521206e+07
TAC
QT Input Channel

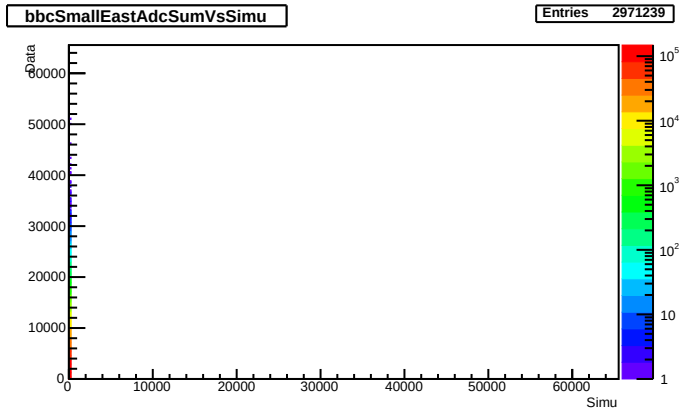

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.521206e+07
ADC
QT Input Channel

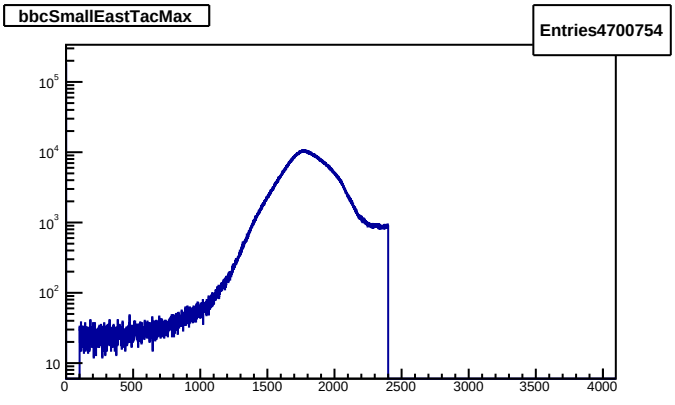

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.521206e+07
TAC
QT Input Channel

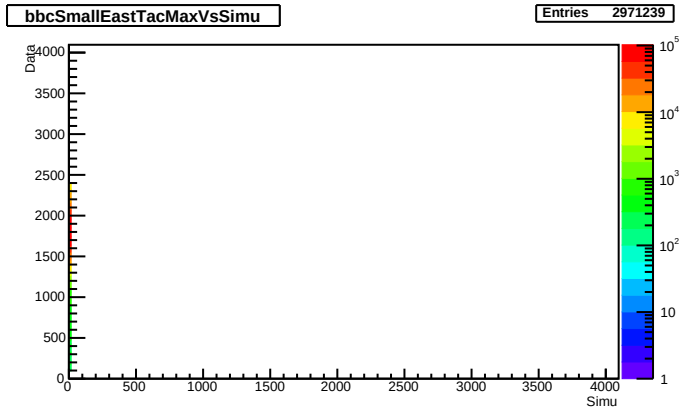

BBQ-ZD001 (ZDC TOWER)
Entries 7.521206e+07
ADC

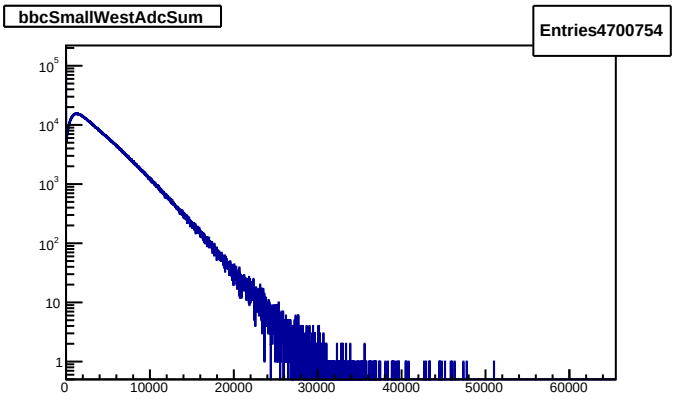

BBQ-ZD001 (ZDC TOWER)
Entries 7.521206e+07
TAC

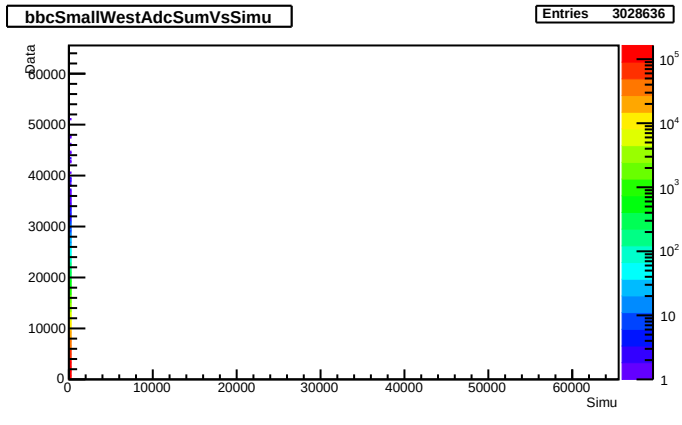

bbcSmallEastAdcSum
Entries4700754

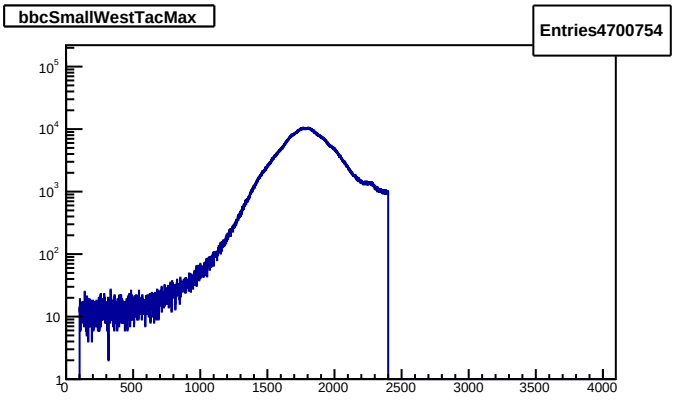

bbcSmallEastAdcSumVsSimu
Entries 2971239
Data
Simu

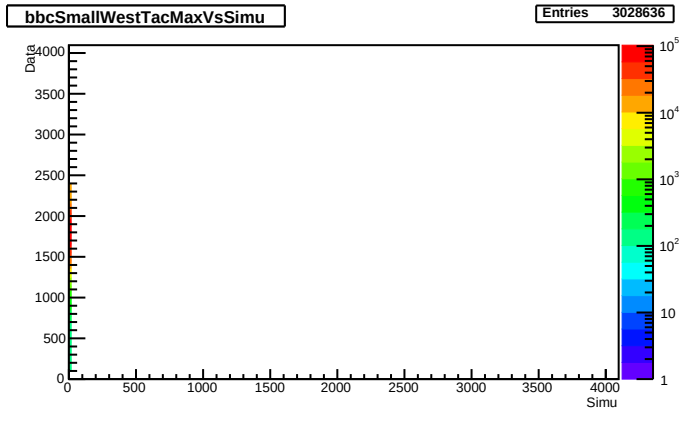

bbcSmallEastTacMax
Entries4700754

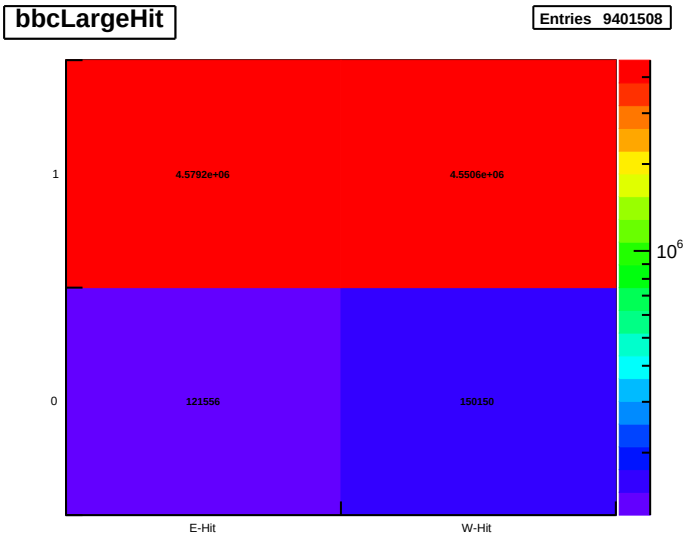

bbcSmallEastTacMaxVsSimu
Entries 2971239
Data
Simu

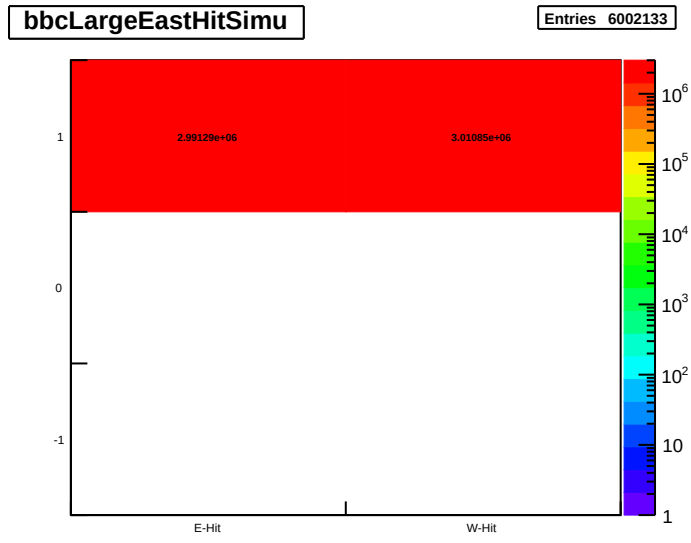

bbcSmallWestAdcSum
Entries4700754

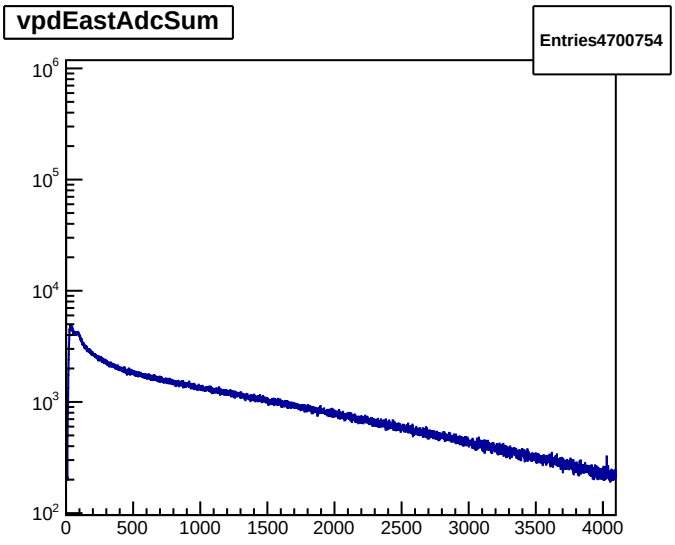

bbcSmallWestAdcSumVsSimu
Entries 3028636
Data
Simu

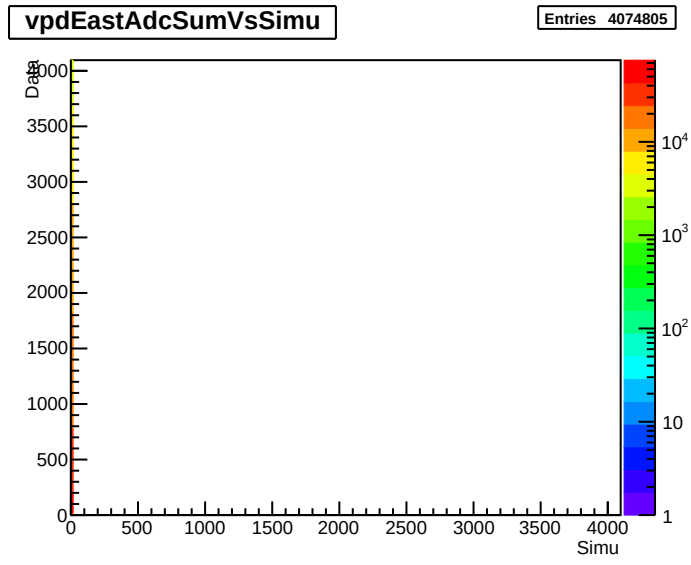

bbcSmallWestTacMax
Entries4700754

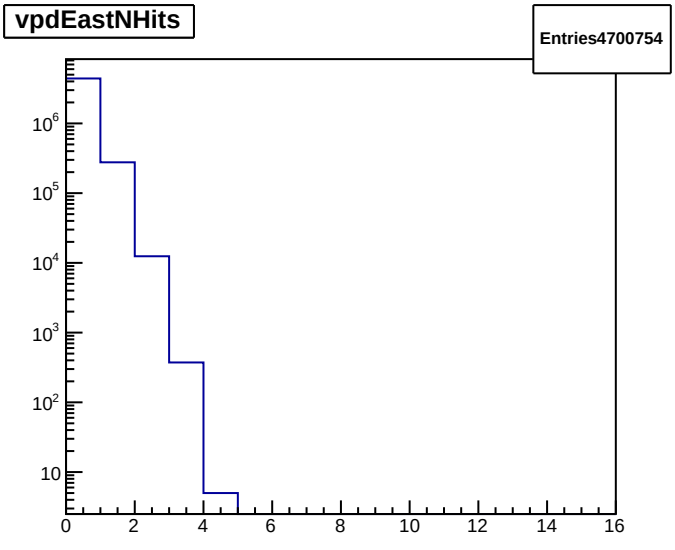

bbcSmallWestTacMaxVsSimu
Entries 3028636
Data
Simu

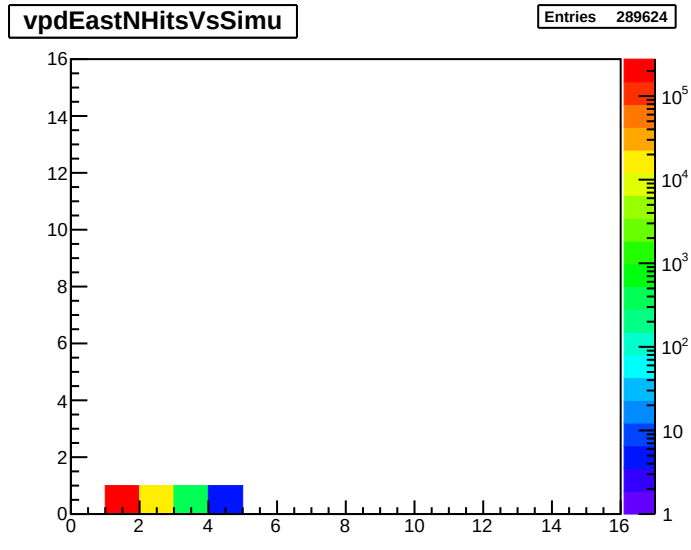

bbcLargeHit
Entries 9401508
1
0
4.5792e+06
4.5506e+06
121556
150150
E-Hit
W-Hit
10^6

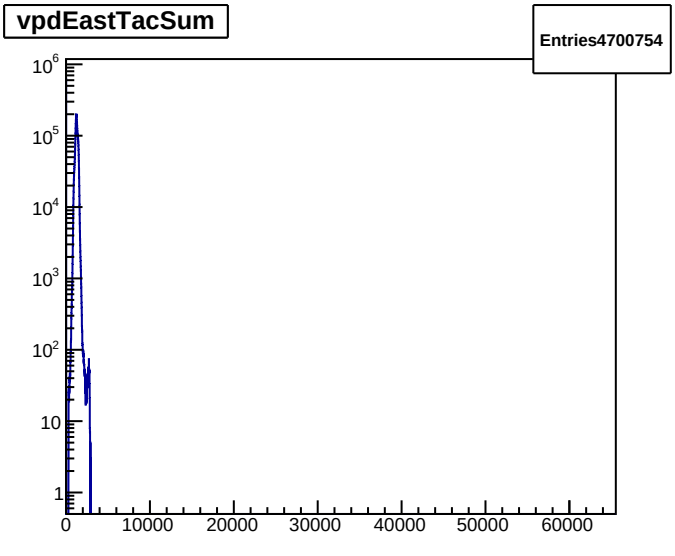

bbcLargeEastHitSimu
Entries 6002133
1
0
-1
2.99129e+06
3.01085e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

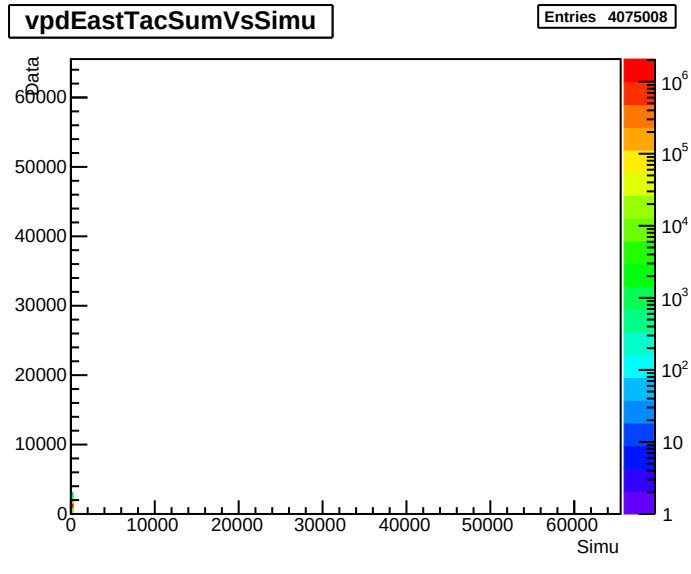

vpdEastAdcSum
Entries4700754

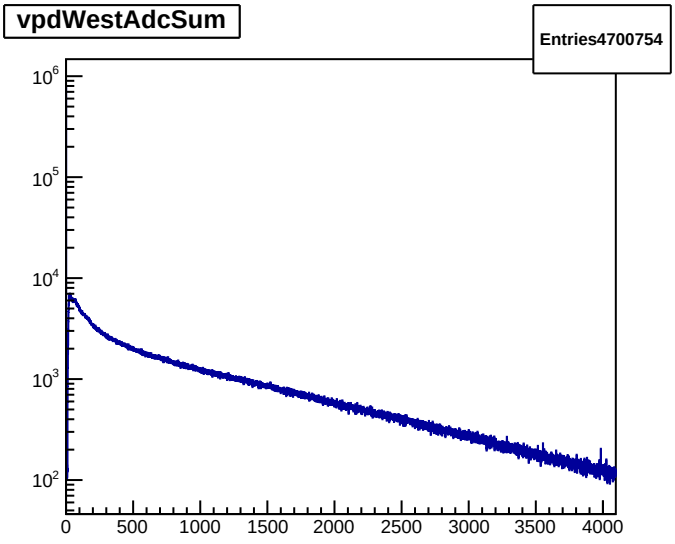

vpdEastAdcSumVsSimu
Entries 4074805
Data
Simu

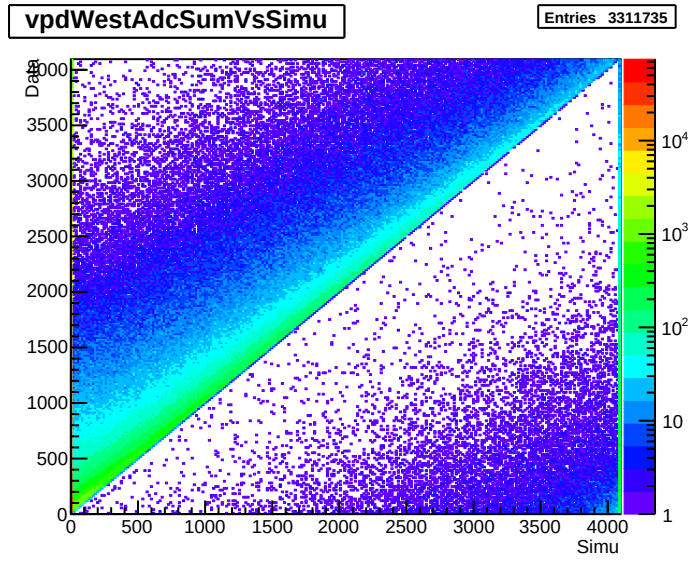

vpdEastNHits
Entries4700754

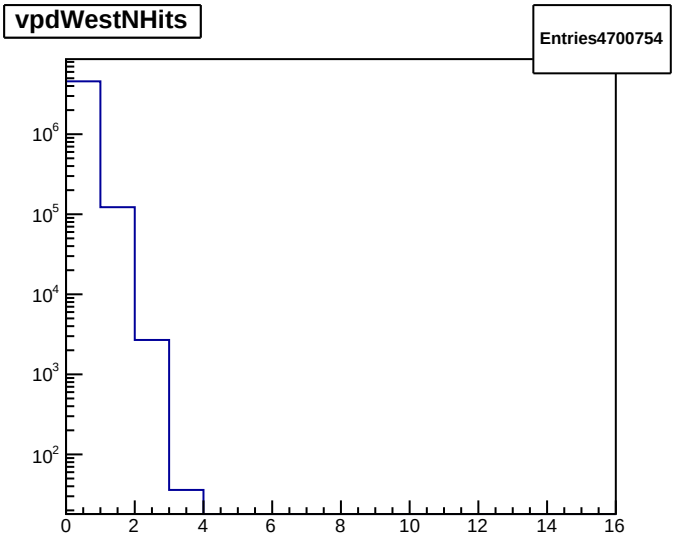

vpdEastNHitsVsSimu
Entries 289624

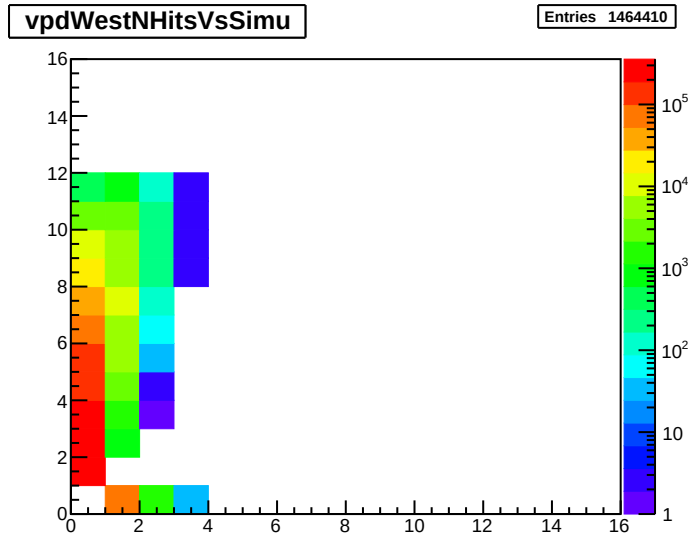

vpdEastTacSum
Entries4700754

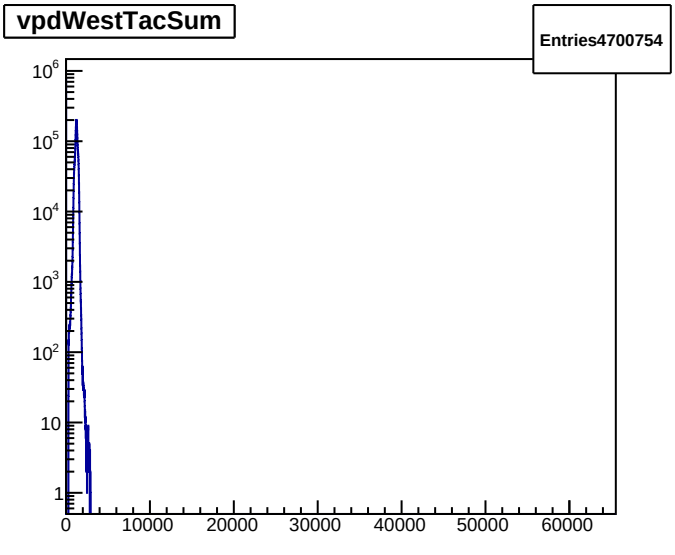

vpdEastTacSumVsSimu
Entries 4075008
Data
Simu

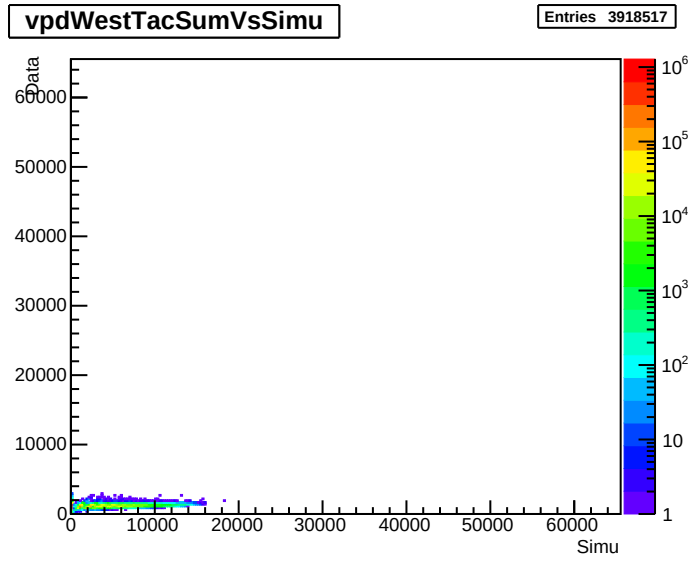

vpdWestAdcSum
Entries4700754

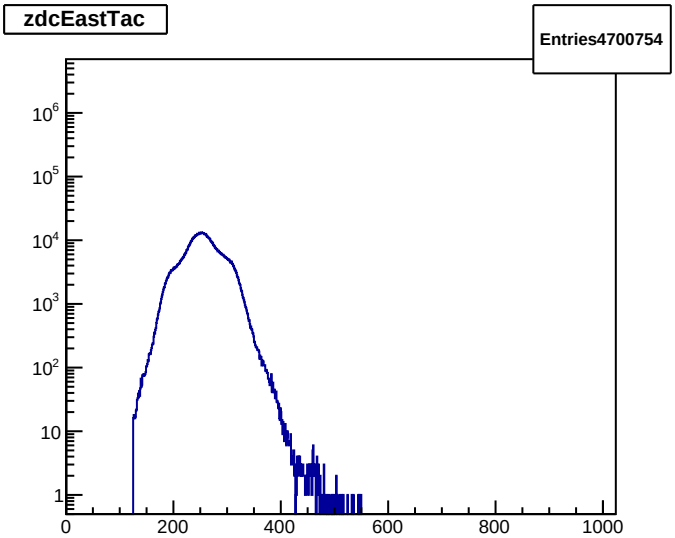

vpdWestAdcSumVsSimu
Entries 3311735
Data
Simu

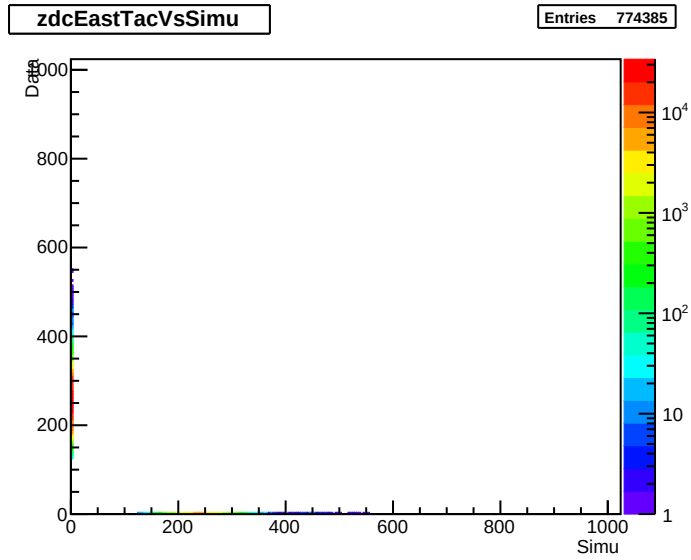

vpdWestNHits
Entries4700754

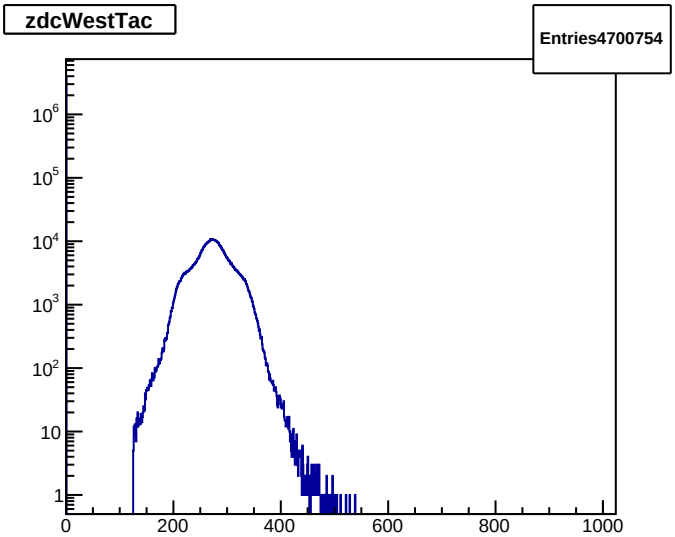

vpdWestNHitsVsSimu
Entries 1464410

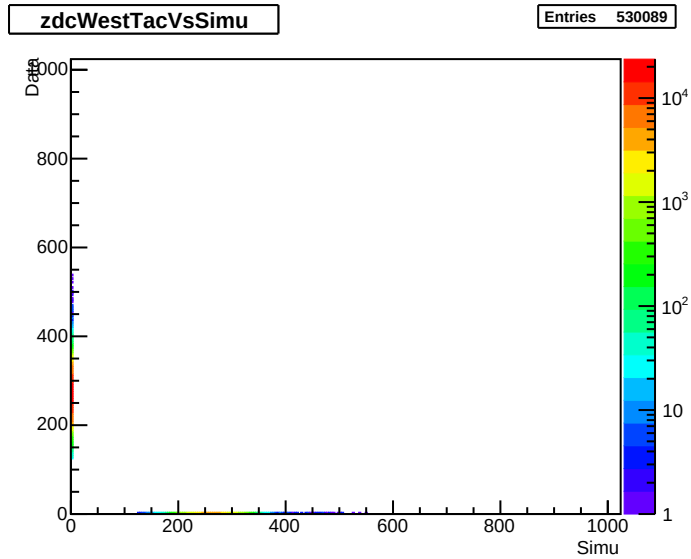

vpdWestTacSum
Entries4700754

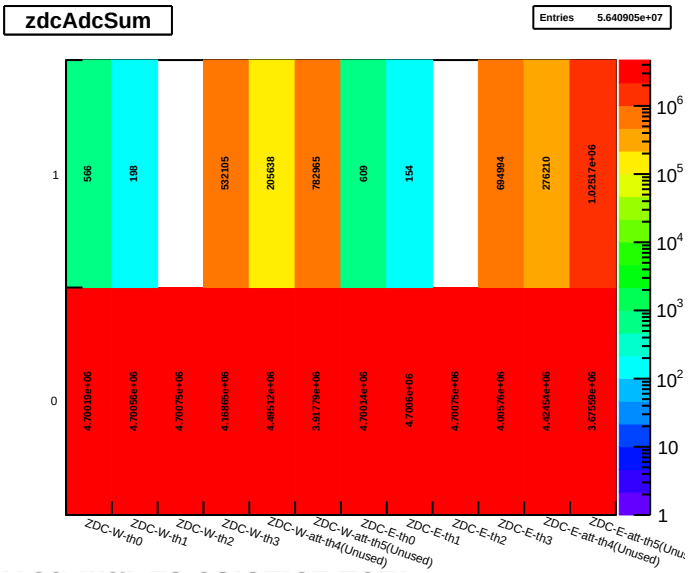

vpdWestTacSumVsSimu
Entries 3918517
Data
Simu

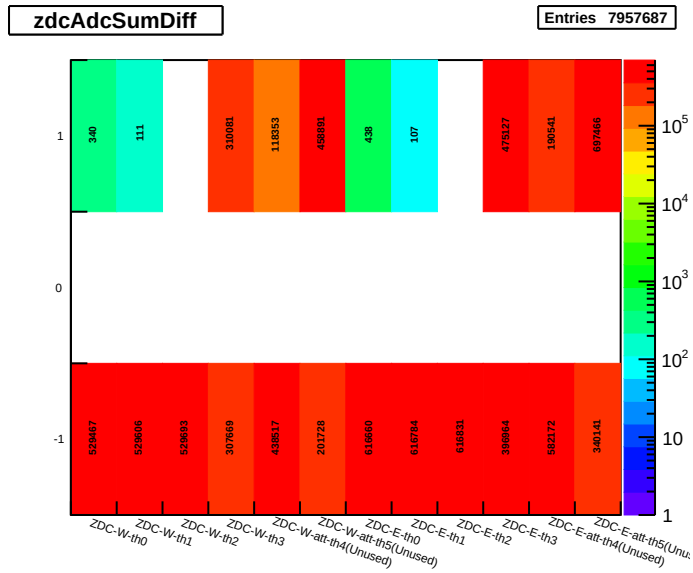

zdcEastTac
Entries4700754

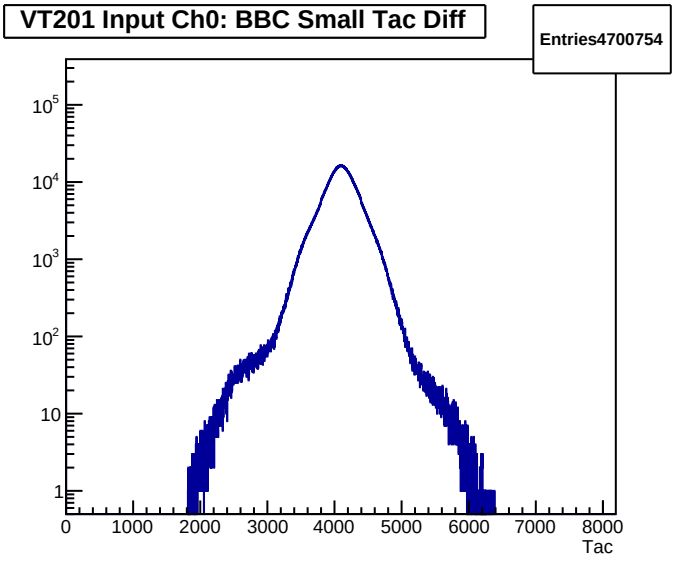

zdcEastTacVsSimu
Entries 774385
Data
Simu

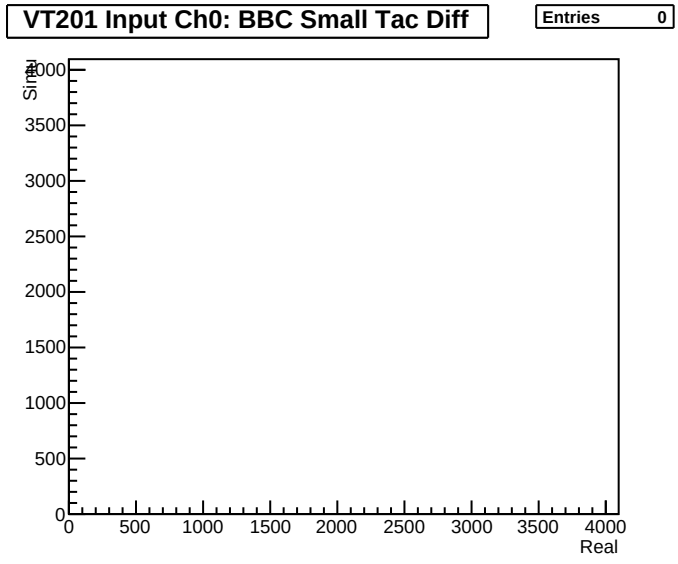

zdcWestTac
Entries4700754

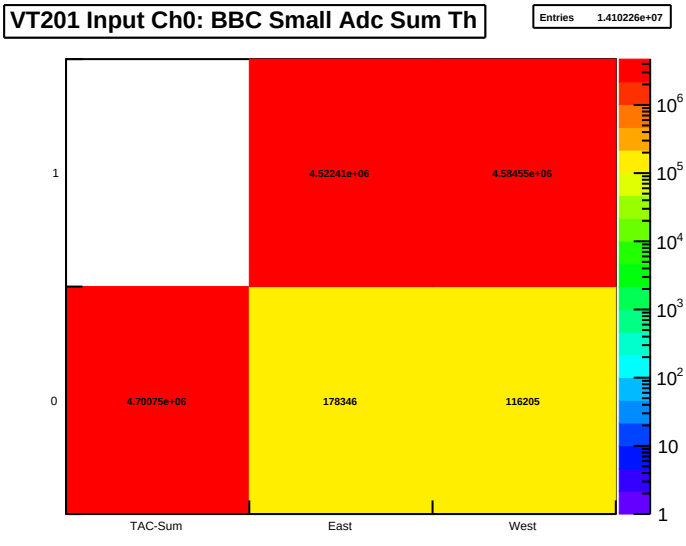

zdcWestTacVsSimu
Entries 530089
Data
Simu

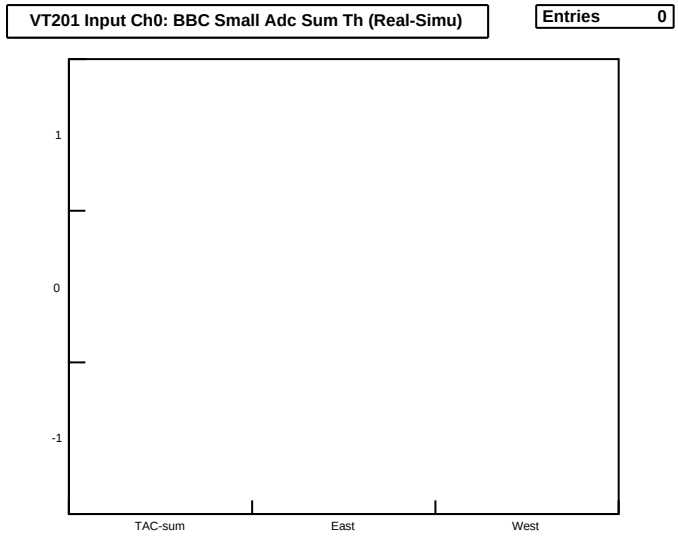

zdcAdcSum
Entries 5.640905e+07
566
198
532105
205638
782965
609
154
694994
276210
1.02517e+06
4.70018e+06
4.70056e+06
4.70075e+06
4.16865e+06
4.48512e+06
3.91779e+06
4.70014e+06
4.7006e+06
4.70075e+06
4.00576e+06
4.42454e+06
3.67559e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

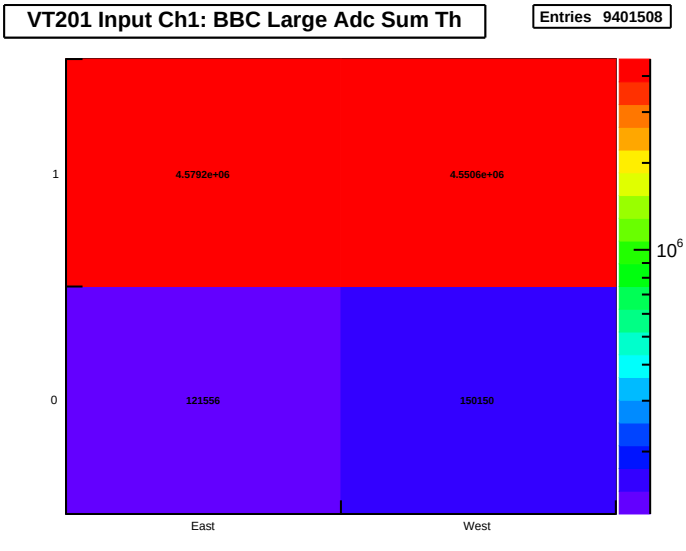

zdcAdcSumDiff
Entries 7957687
340
111
310081
118353
458891
438
107
475127
190541
697466
529467
529606
529693
307669
439517
201728
616660
616784
616831
398964
582172
340141
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

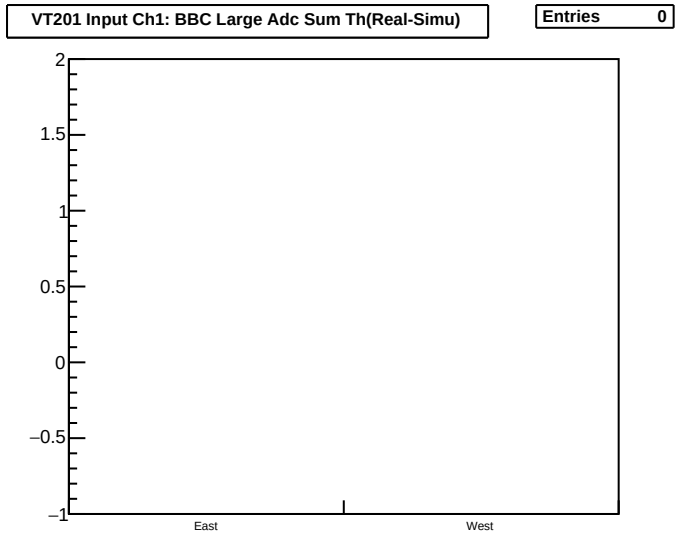

VT201 Input Ch0: BBC Small Tac Diff
Entries4700754
Tac


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

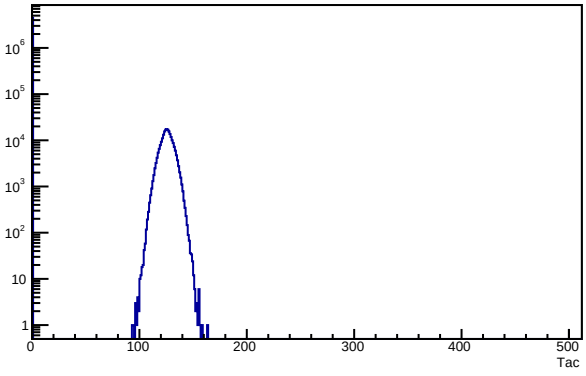

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.410226e+07
4.52241e+06
4.58455e+06
4.70075e+06
178346
116205
TAC-Sum
East
West


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

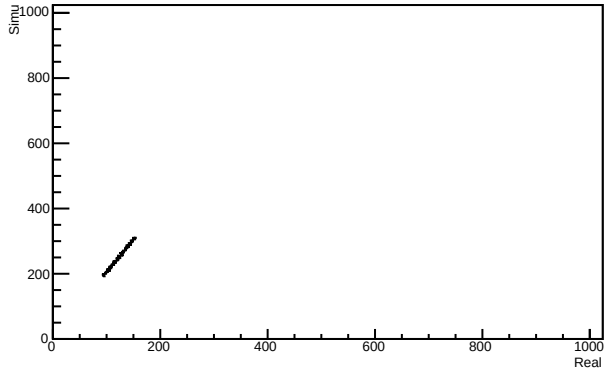

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9401508
4.5792e+06
4.5506e+06
121556
150150
East
West


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

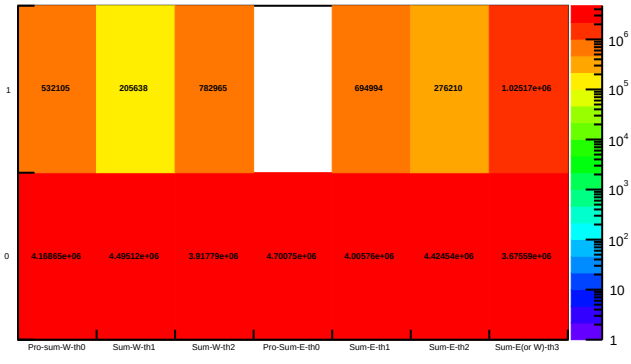
VT201 Input Ch2: ZDC Tac Diff



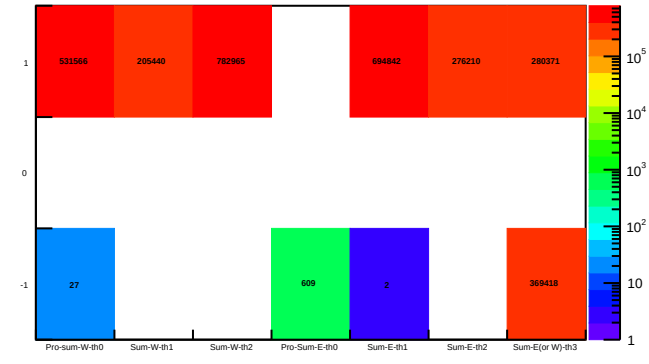
VT201 Input Ch2: ZDC Tac Diff



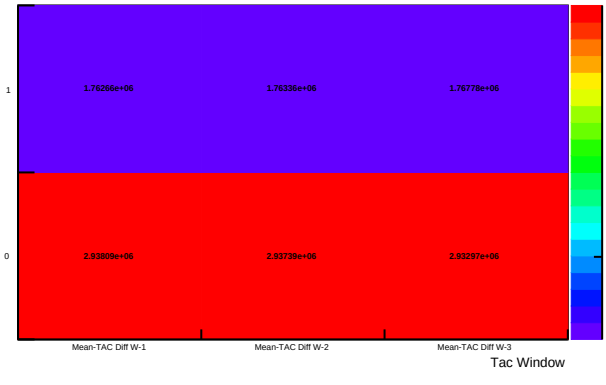
VT201 Input Ch2: ZDC Adc Sum Th



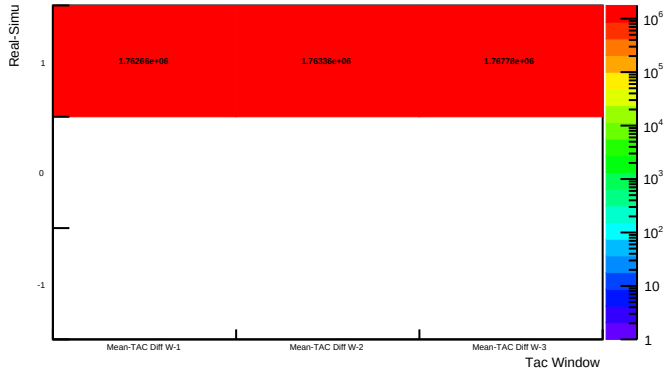
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



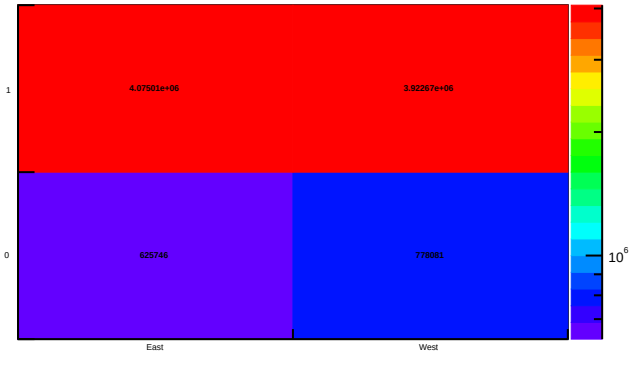
VT201 Input Ch4: VPD Tac Diff



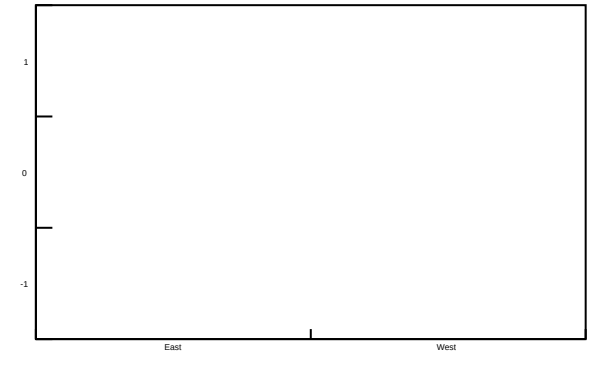
VT201 Input Ch4: VPD Tac Diff

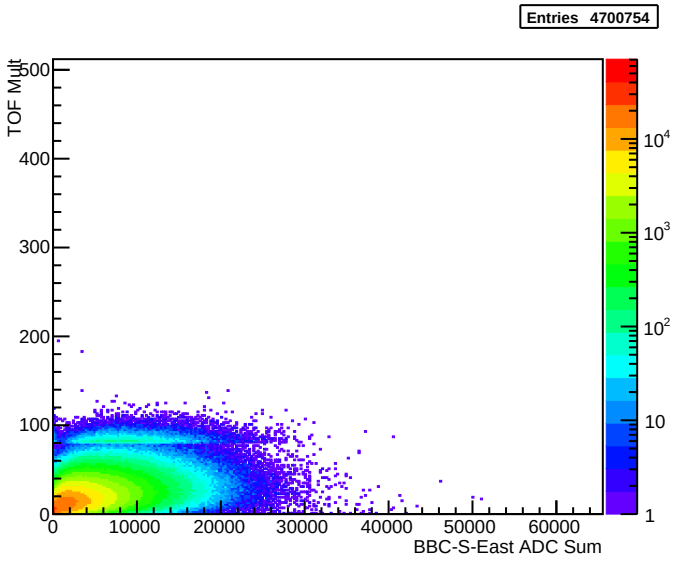


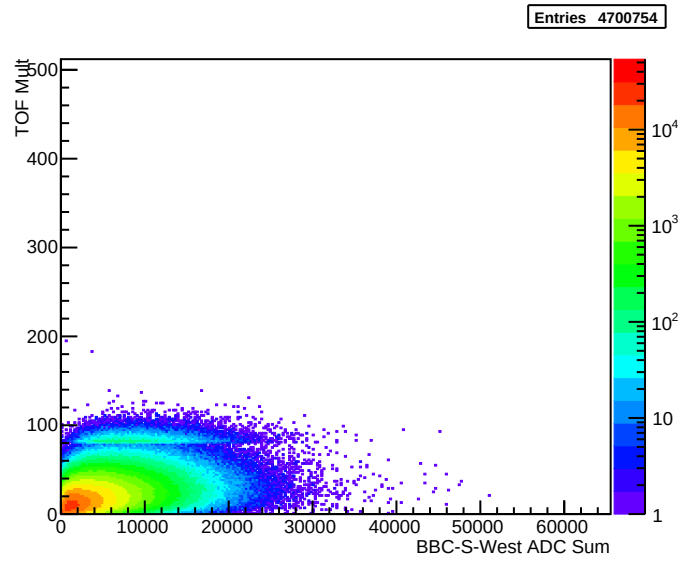
VT201 Input Ch4: VPD Adc Sum Th

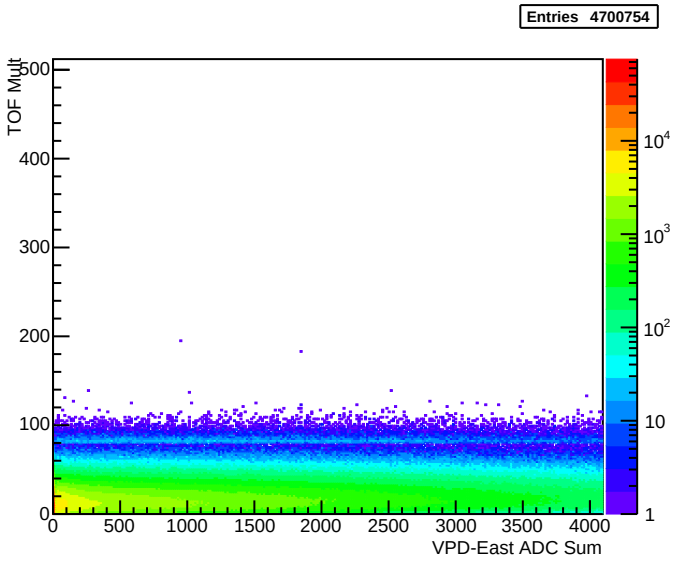


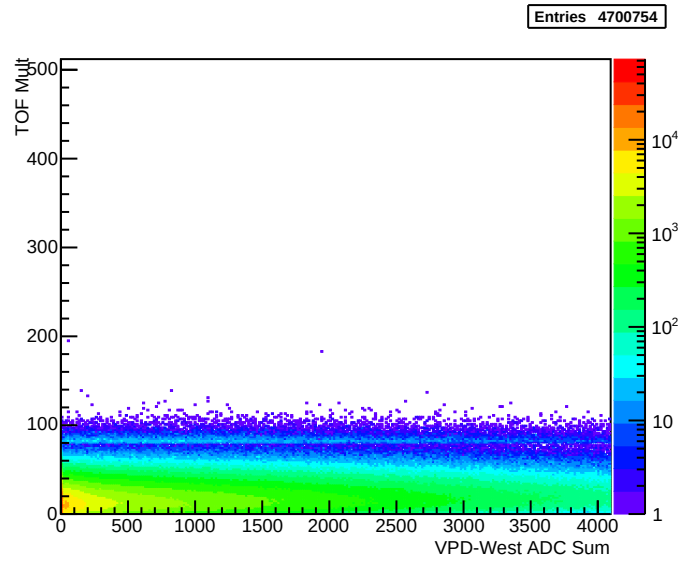
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

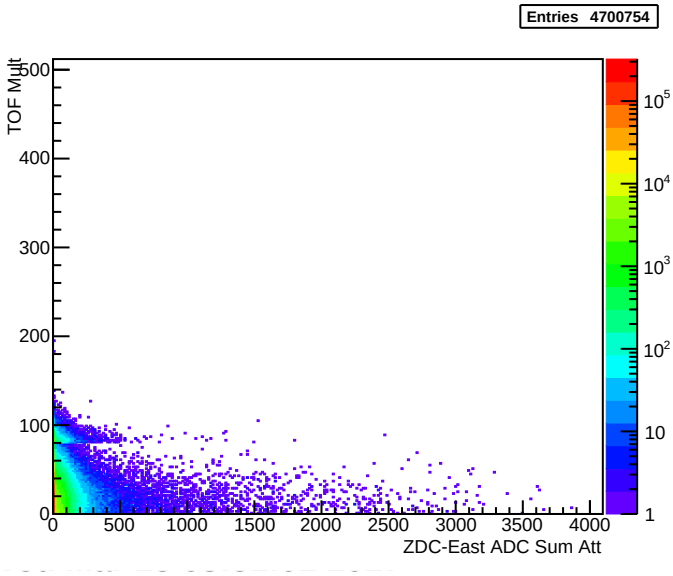


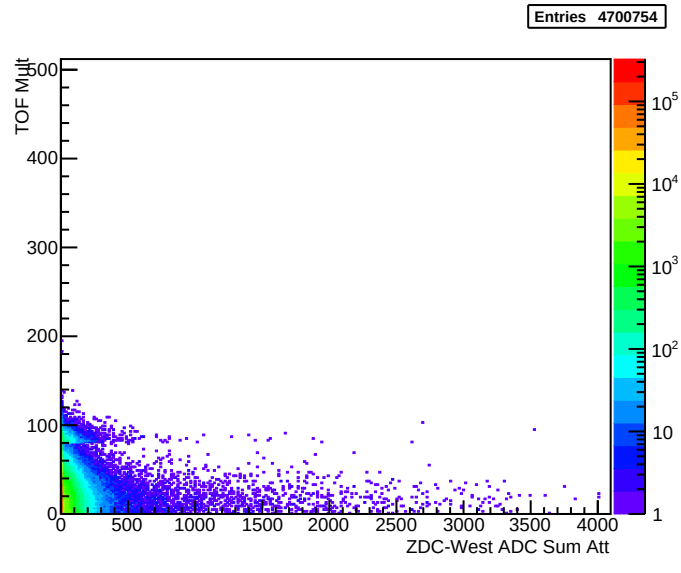

Entries 4700754
TOF Mult
BBC-S-East ADC Sum

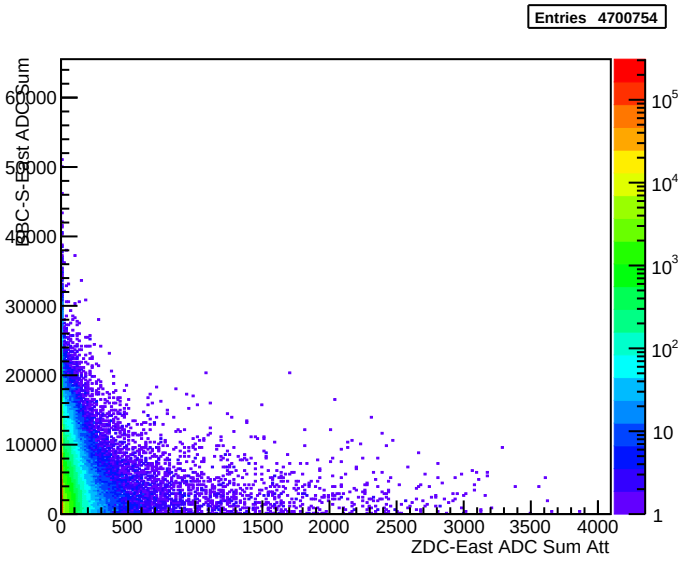

Entries 4700754
TOF Mult
BBC-S-West ADC Sum

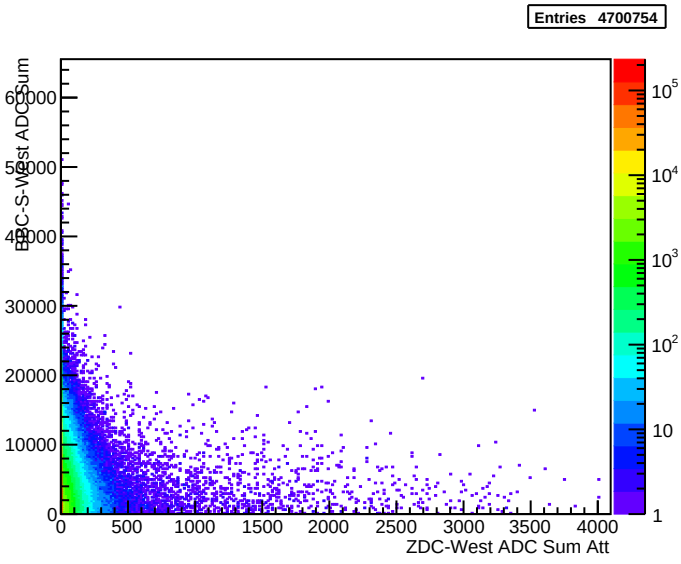

Entries 4700754
TOF Mult
VPD-East ADC Sum

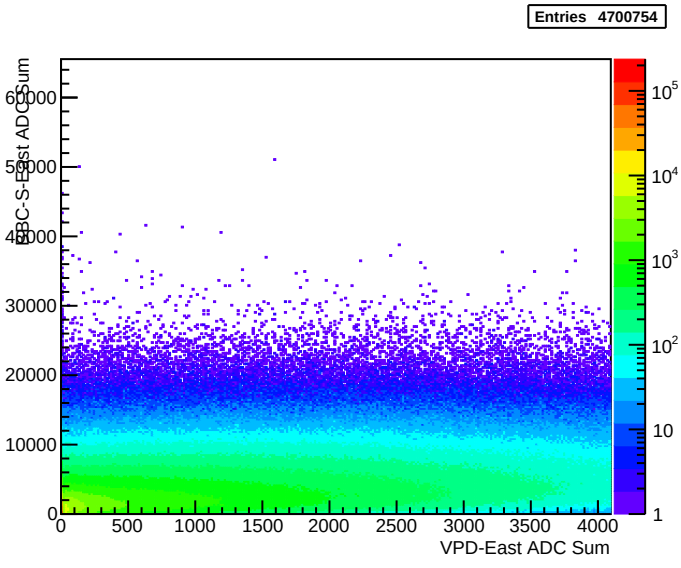

Entries 4700754
TOF Mult
VPD-West ADC Sum

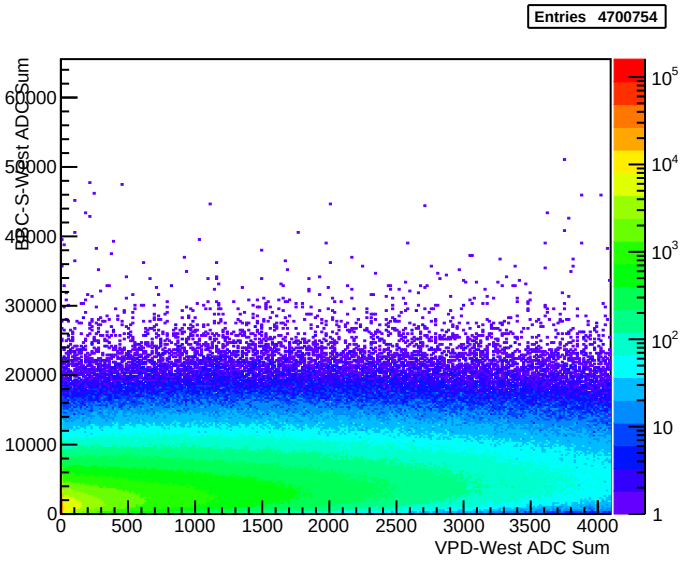

Entries 4700754
TOF Mult
ZDC-East ADC Sum Att

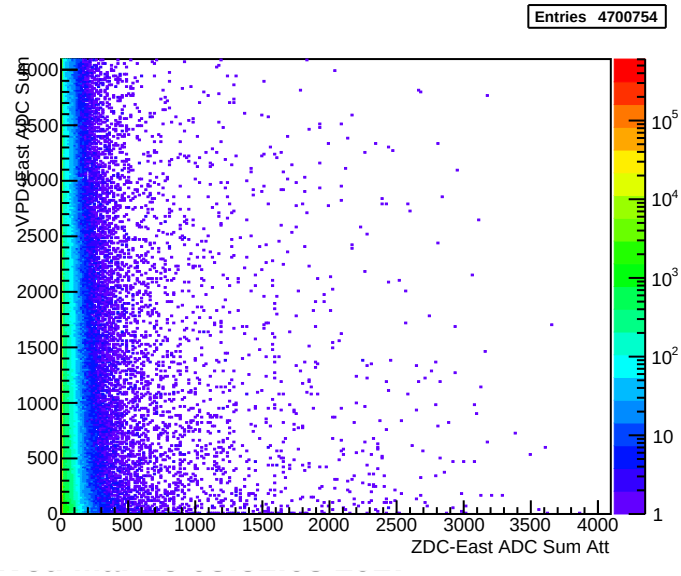

Entries 4700754
TOF Mult
ZDC-West ADC Sum Att

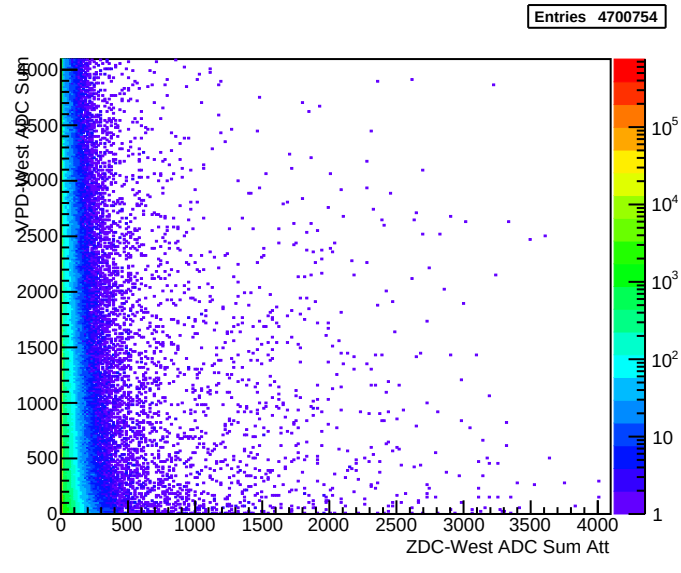

Entries 4700754
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

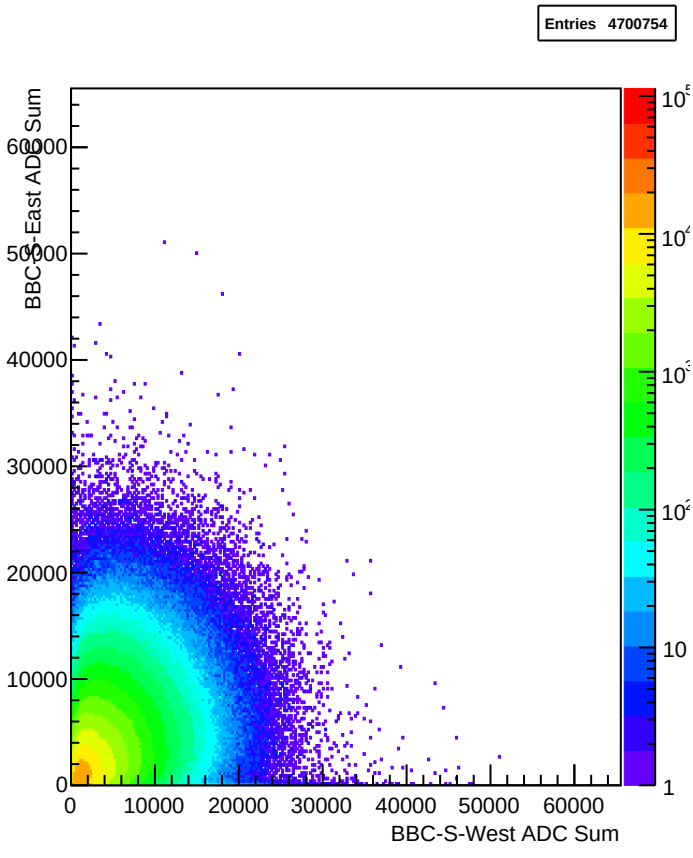

Entries 4700754
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

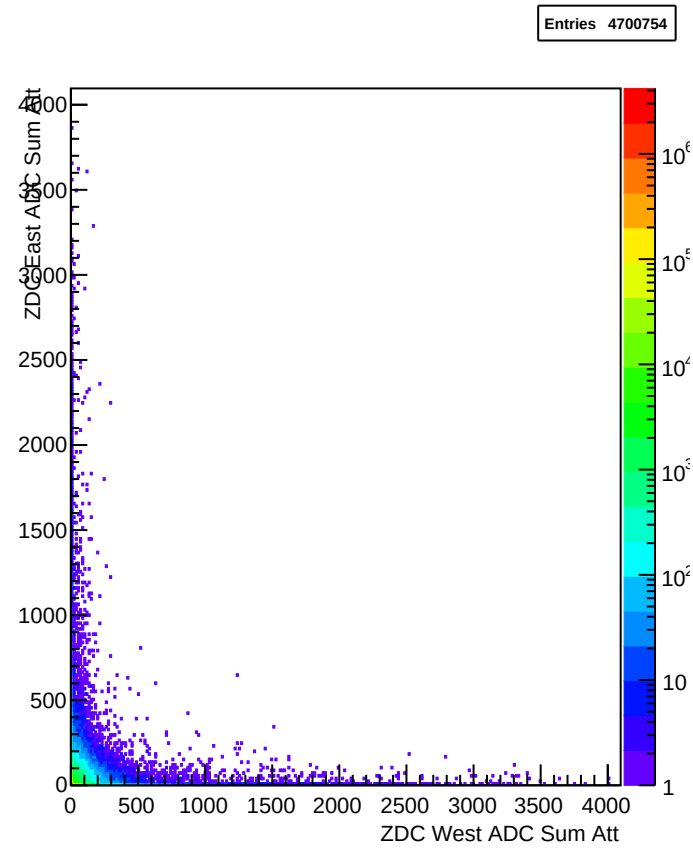

Entries 4700754
BBC-S-East ADC Sum
VPD-East ADC Sum

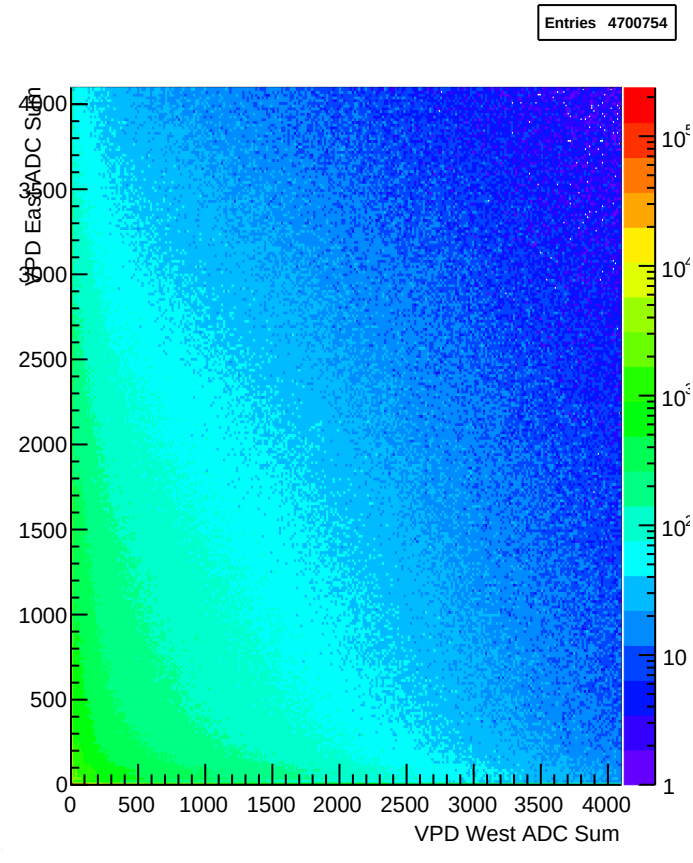

Entries 4700754
BBC-S-West ADC Sum
VPD-West ADC Sum

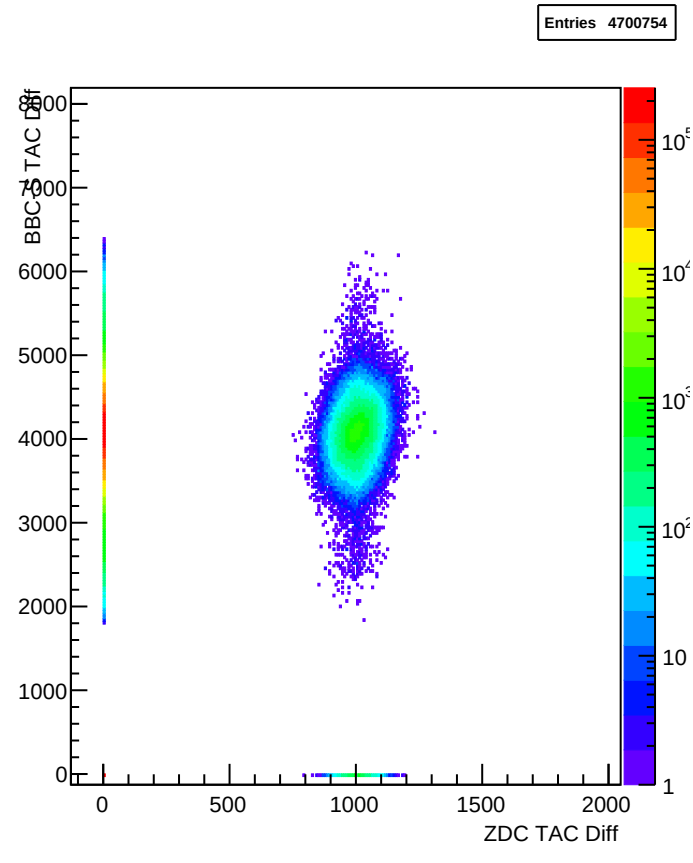

Entries 4700754
VPD-East ADC Sum
ZDC-East ADC Sum Att

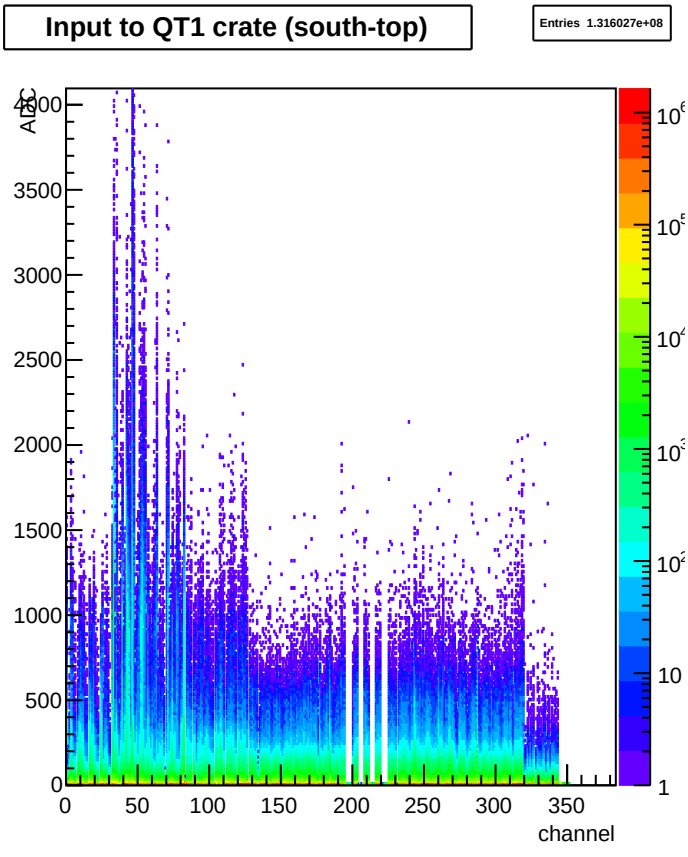

Entries 4700754
VPD-West ADC Sum
ZDC-West ADC Sum Att

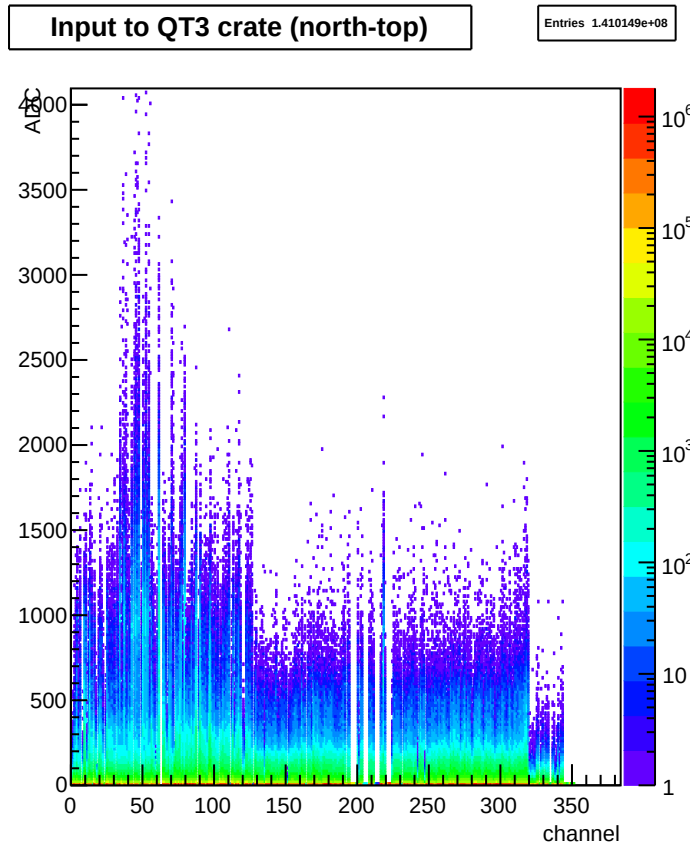

Entries 4700754
BBC-S-East ADC Sum
BBC-S-West ADC Sum

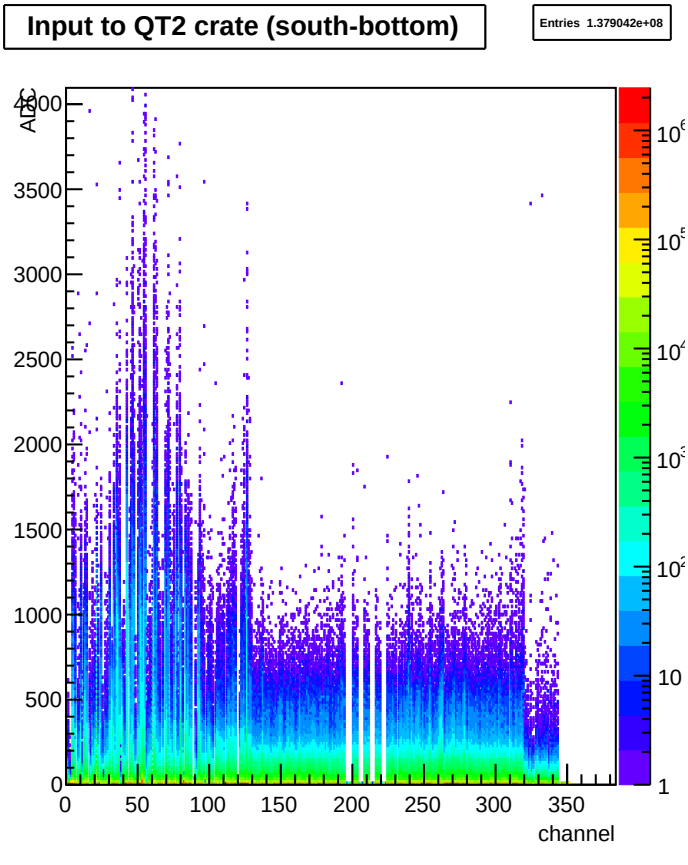

Entries 4700754
ZDC East ADC Sum Att
ZDC West ADC Sum Att

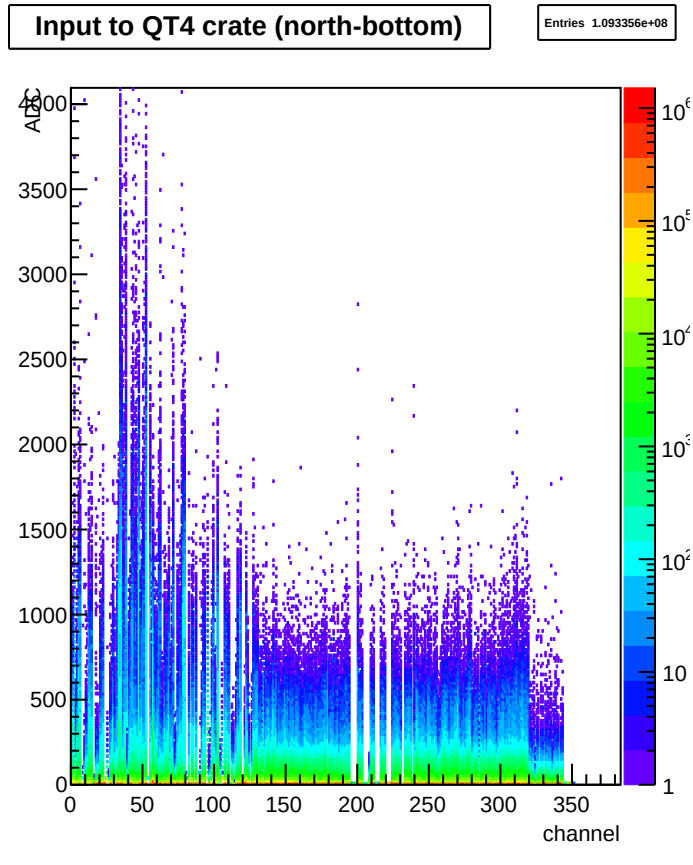

Entries 4700754
VPD East ADC Sum
VPD West ADC Sum

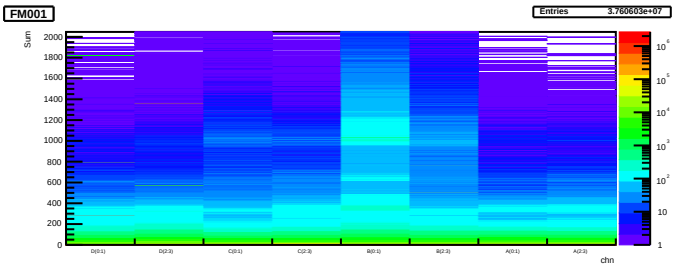

Entries 4700754
BBC-S TAC Diff
ZDC TAC Diff

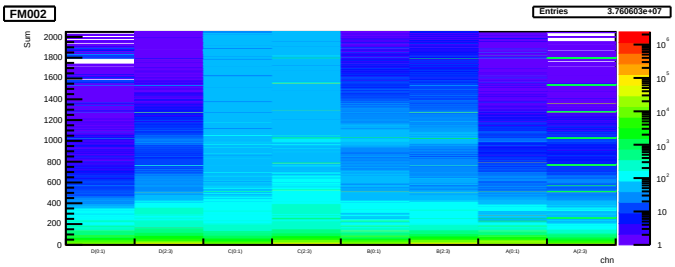

Input to QT1 crate (south-top)
Entries 1.316027e+08
ADC
channel

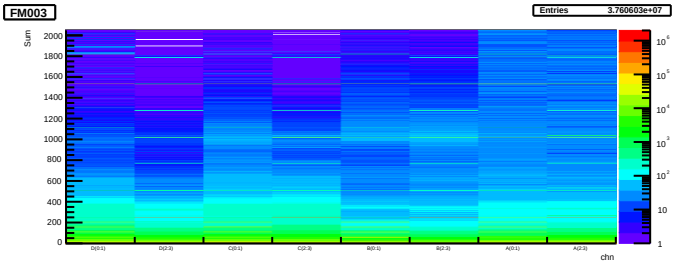

Input to QT3 crate (north-top)
Entries 1.410149e+08
ADC
channel

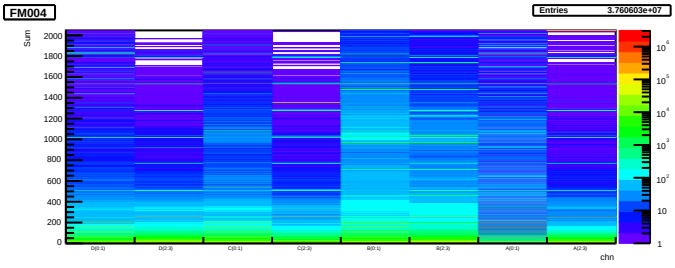

Input to QT2 crate (south-bottom)
Entries 1.379042e+08
ADC
channel

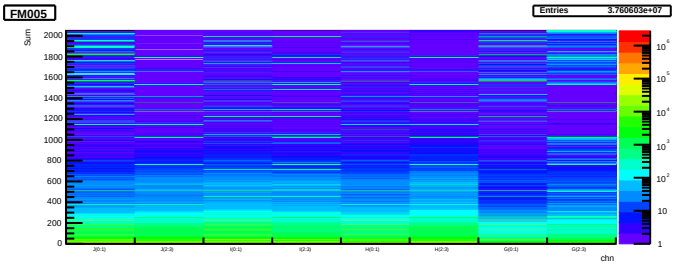

Input to QT4 crate (north-bottom)
Entries 1.093356e+08
ADC
channel

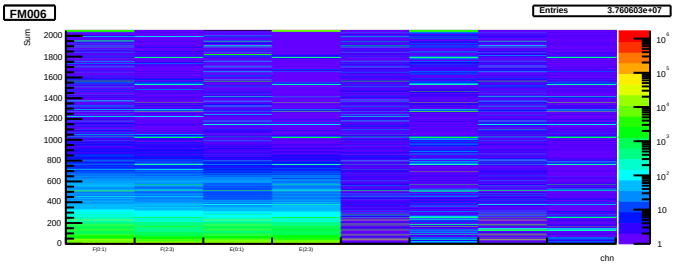

FM001
Entries 3.760603e+07
Sum
chn

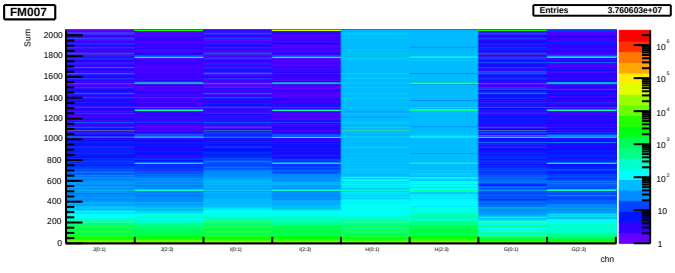

FM002
Entries 3.760603e+07
Sum
chn

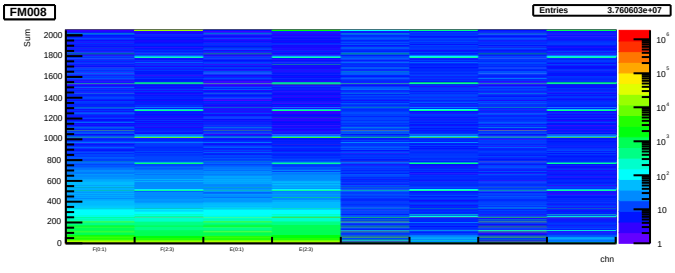

FM003
Entries 3.760603e+07
Sum
chn

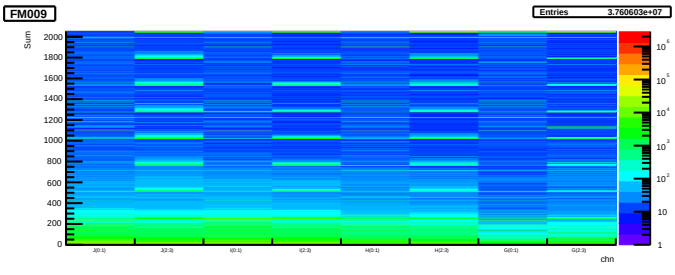

FM004
Entries 3.760603e+07
Sum
chn

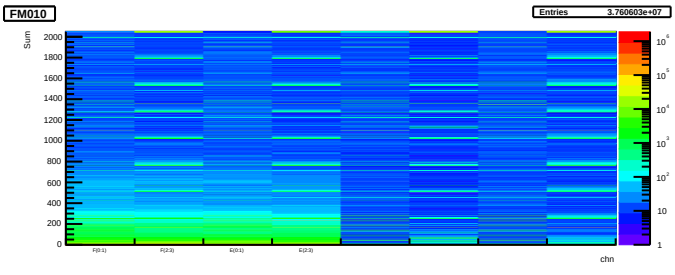

FM005
Entries 3.760603e+07
Sum
chn

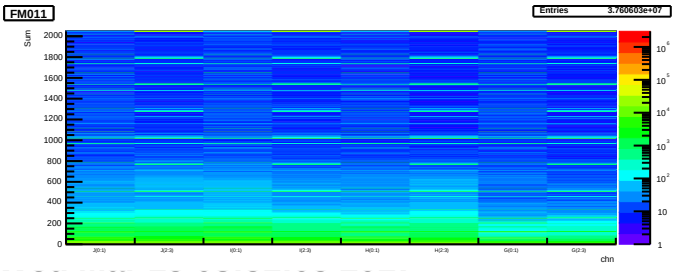

FM006
Entries 3.760603e+07
Sum
chn

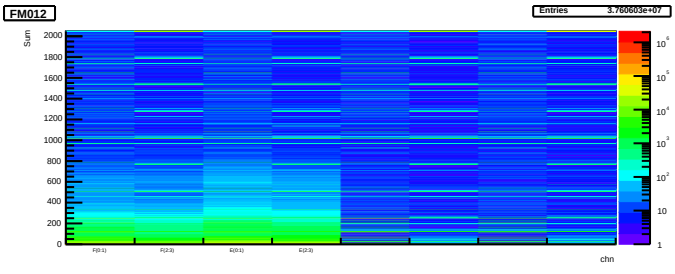

FM007
Entries 3.760603e+07
Sum
chn

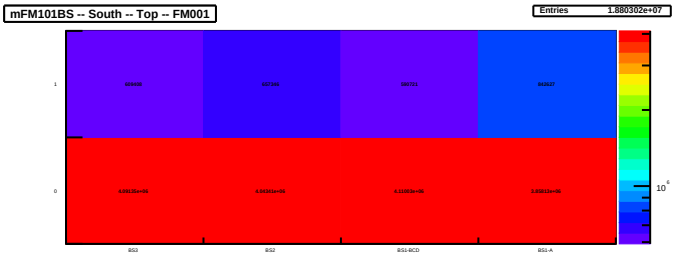

FM008
Entries 3.760603e+07
Sum
chn

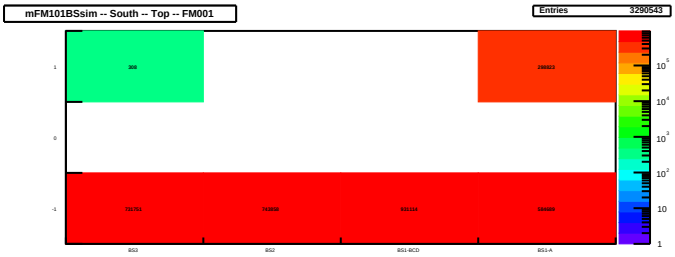

FM009
Entries 3.760603e+07
Sum
chn

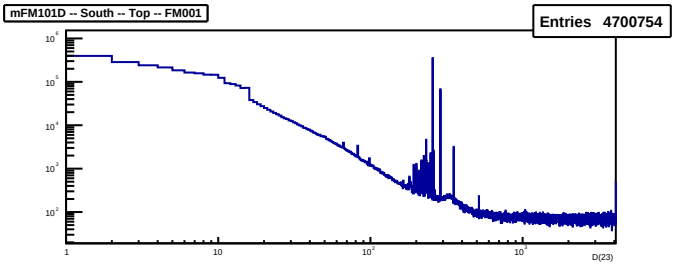

FM010
Entries 3.760603e+07
Sum
chn

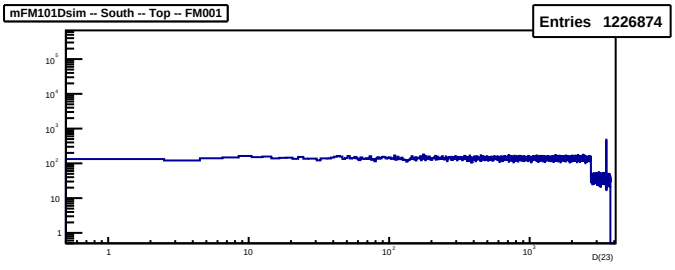

FM011
Entries 3.760603e+07
Sum
chn

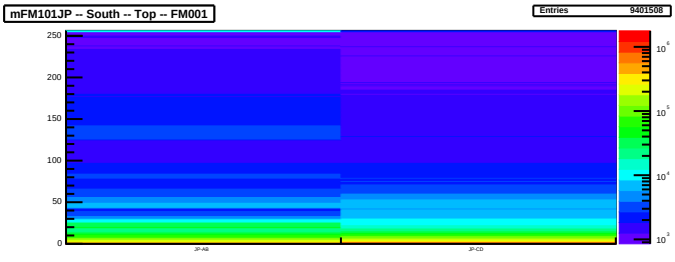

FM012
Entries 3.760603e+07
Sum
chn

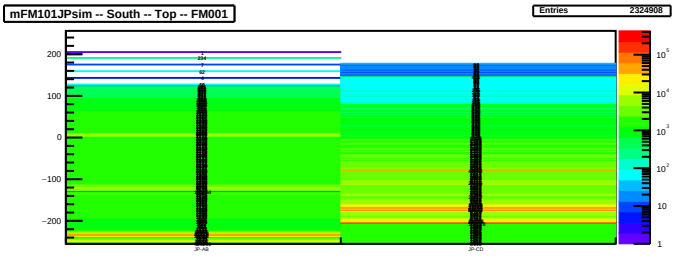

mFM101BS -- South -- Top -- FM001
Entries 1.880302e+07

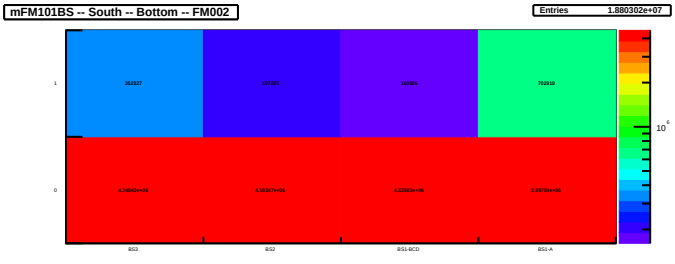

mFM101BSsim -- South -- Top -- FM001
Entries 3290543

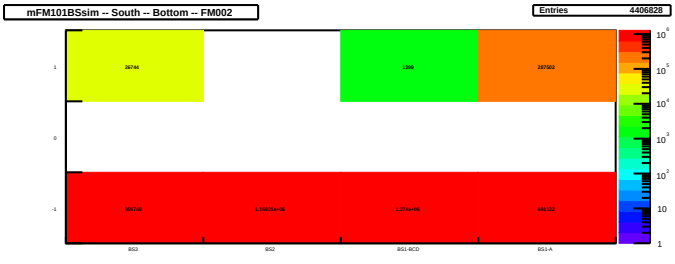

mFM101D -- South -- Top -- FM001
Entries 4700754
D(23)

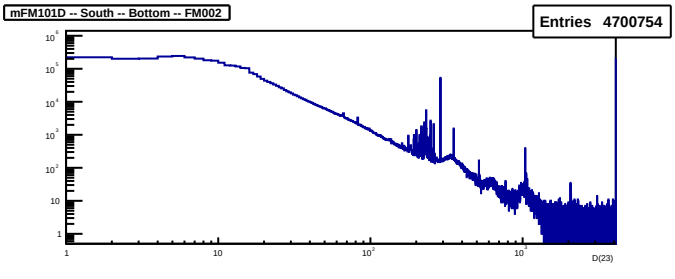

mFM101Dsim -- South -- Top -- FM001
Entries 1226874
D(23)

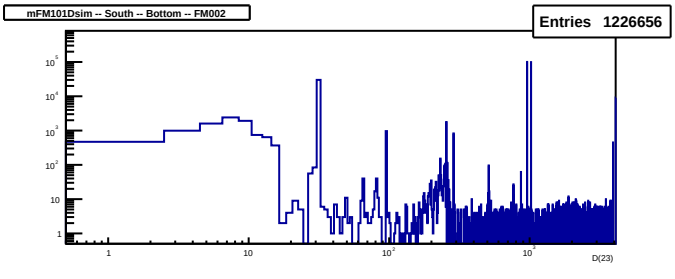

mFM101JP -- South -- Top -- FM001
Entries 9401508

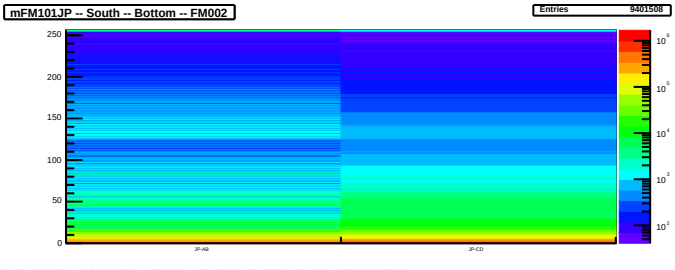

mFM101JPsim -- South -- Top -- FM001
Entries 2324908

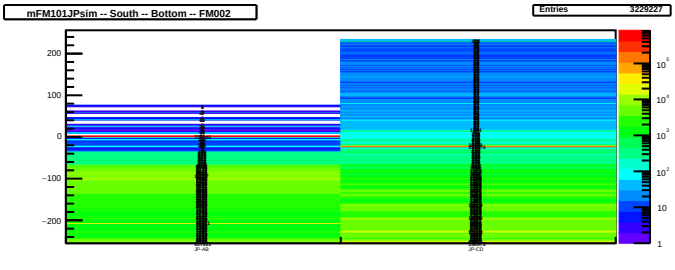

mFM101BS -- South -- Bottom -- FM002
Entries 1.880302e+07

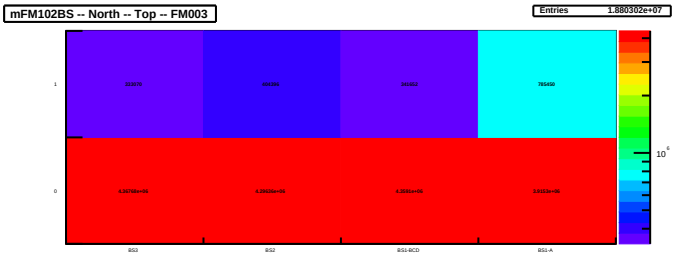

mFM101BSsim -- South -- Bottom -- FM002
Entries 4406828

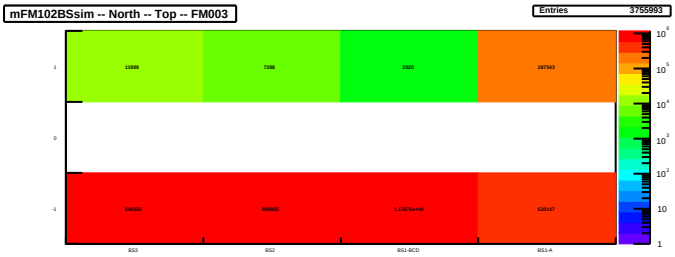

mFM101D -- South -- Bottom -- FM002
Entries 4700754
D(23)

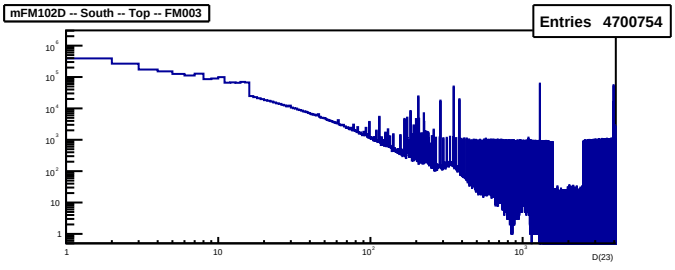

mFM101Dsim -- South -- Bottom -- FM002
Entries 1226656
D(23)

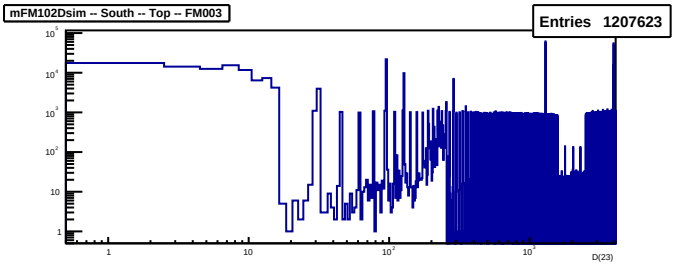

mFM101JP -- South -- Bottom -- FM002
Entries 9401508

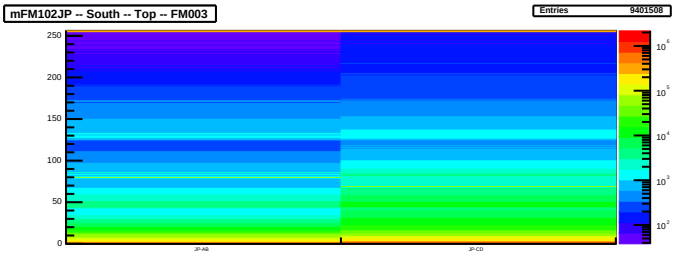

mFM101JPsim -- South -- Bottom -- FM002
Entries 3229227

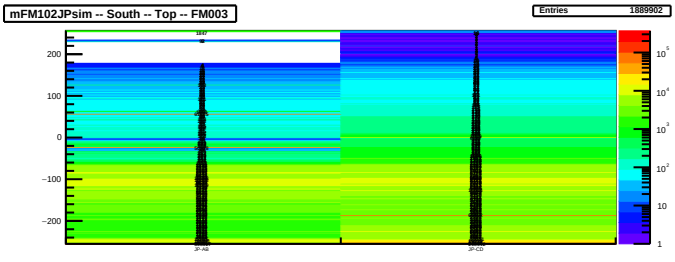

mFM102BS -- North -- Top -- FM003
Entries 1.880302e+07
BS3
BS2
BS1-BCD
BS1-A

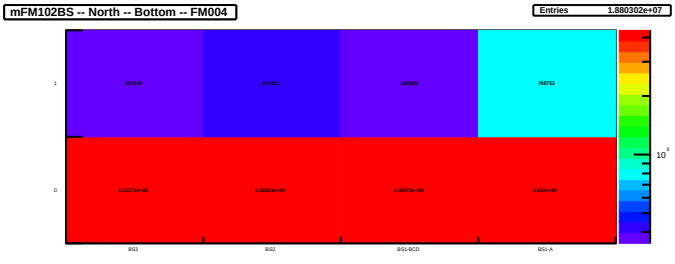

mFM102BSsim -- North -- Top -- FM003
Entries 3755993
BS3
BS2
BS1-BCD
BS1-A

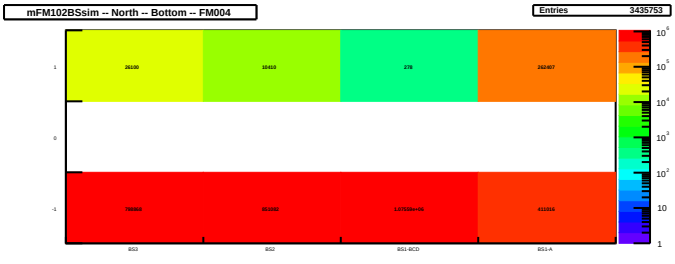

mFM102D -- South -- Top -- FM003
Entries 4700754
D(23)

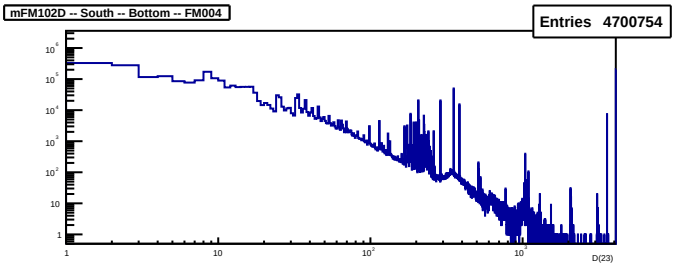

mFM102Dsim -- South -- Top -- FM003
Entries 1207623
D(23)

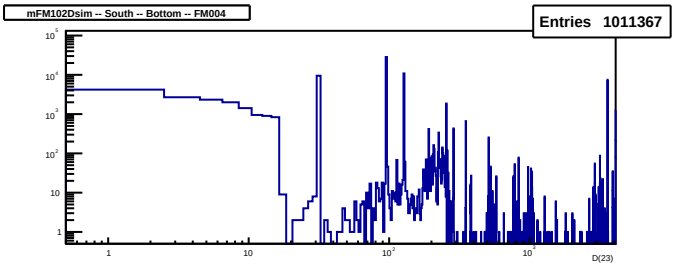

mFM102JP -- South -- Top -- FM003
Entries 9401508
JP-AB
JP-CD

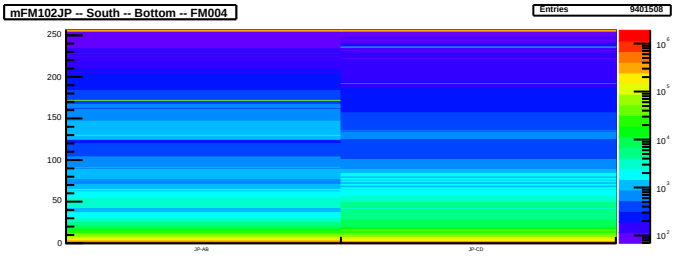

mFM102JPsim -- South -- Top -- FM003
Entries 1889902
JP-AB
JP-CD

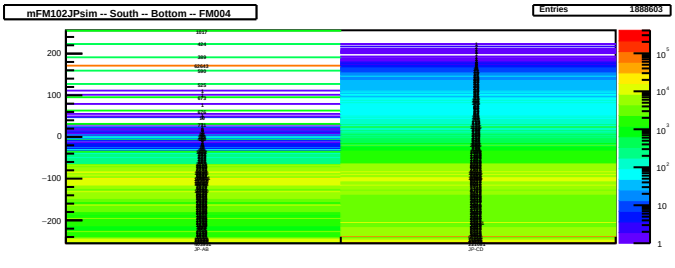

mFM102BS -- North -- Bottom -- FM004
Entries 1.880302e+07
BS3
BS2
BS1-BCD
BS1-A

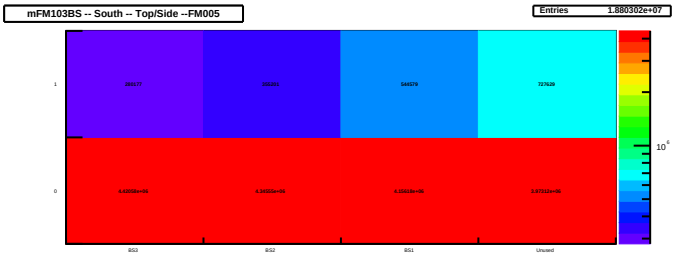

mFM102BSsim -- North -- Bottom -- FM004
Entries 3435753
BS3
BS2
BS1-BCD
BS1-A

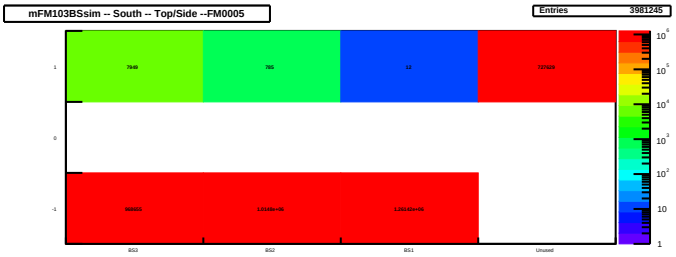

mFM102D -- South -- Bottom -- FM004
Entries 4700754
D(23)

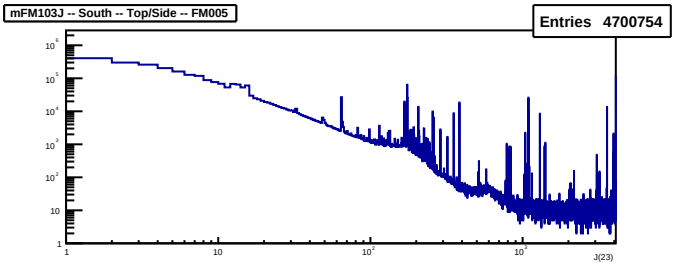

mFM102Dsim -- South -- Bottom -- FM004
Entries 1011367
D(23)

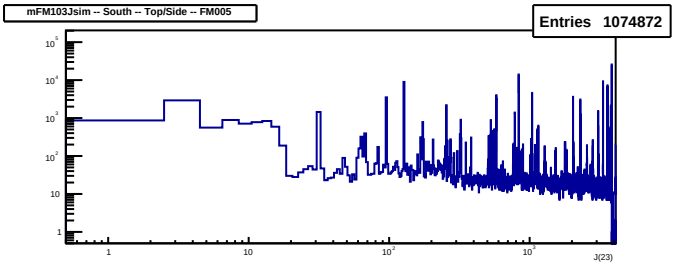

mFM102JP -- South -- Bottom -- FM004
Entries 9401508
JP-AB
JP-CD

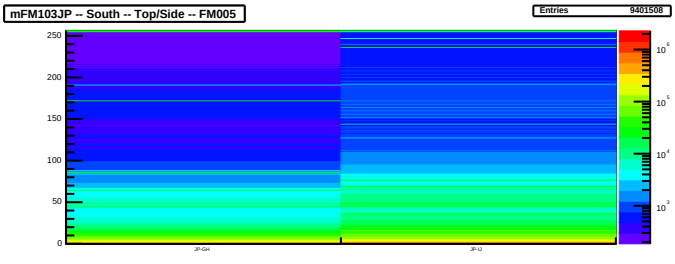

mFM102JPsim -- South -- Bottom -- FM004
Entries 1888603
JP-AB
JP-CD

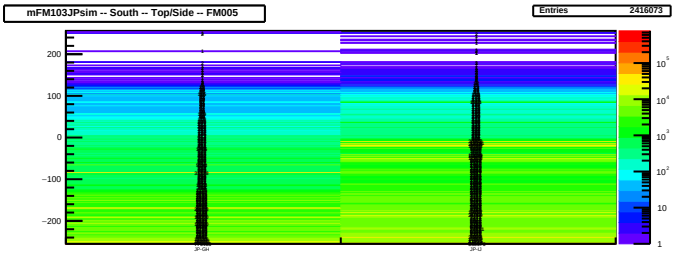

mFM103BS -- South -- Top/Side --FM005
Entries 1.880302e+07

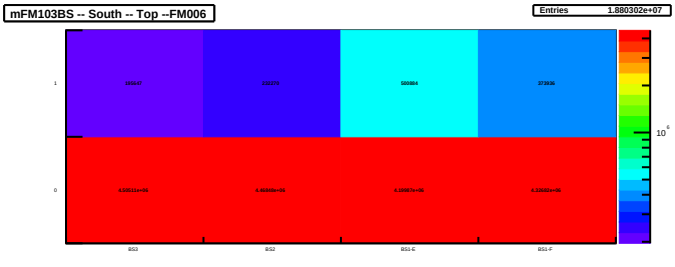

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3981245

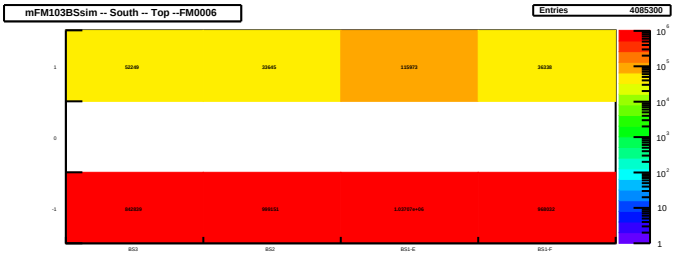

mFM103J -- South -- Top/Side -- FM005
Entries 4700754
J(23)

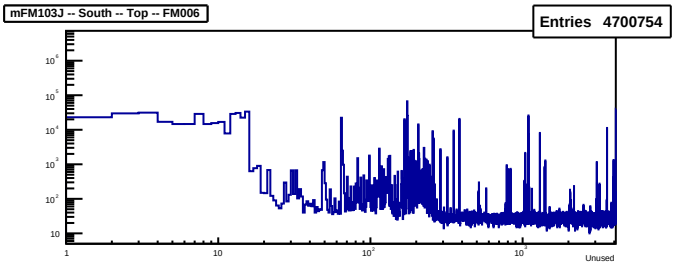

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1074872
J(23)

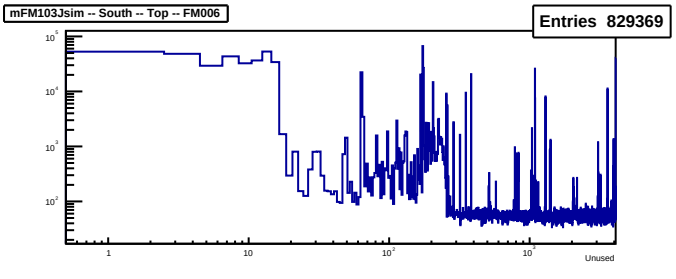

mFM103JP -- South -- Top/Side -- FM005
Entries 9401508

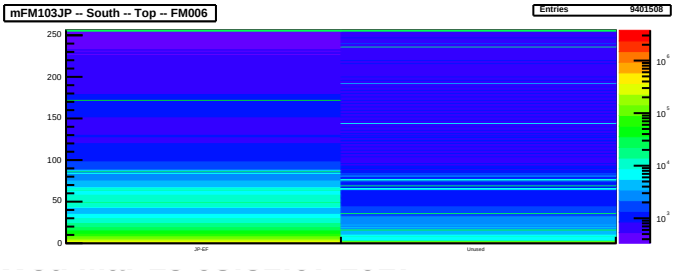

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2416073

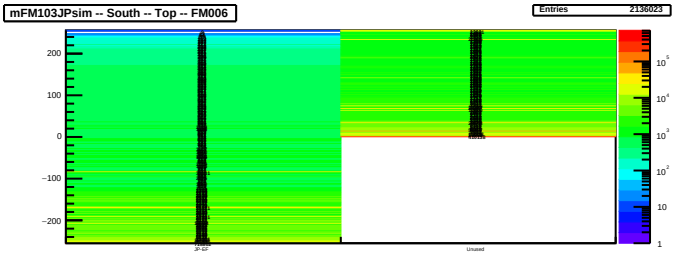

mFM103BS -- South -- Top --FM006
Entries 1.880302e+07

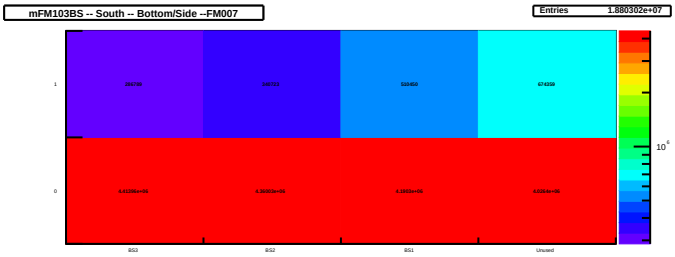

mFM103BSsim -- South -- Top --FM0006
Entries 4085300

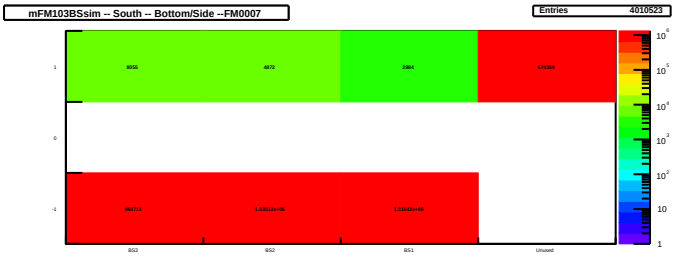

mFM103J -- South -- Top -- FM006
Entries 4700754
Unused

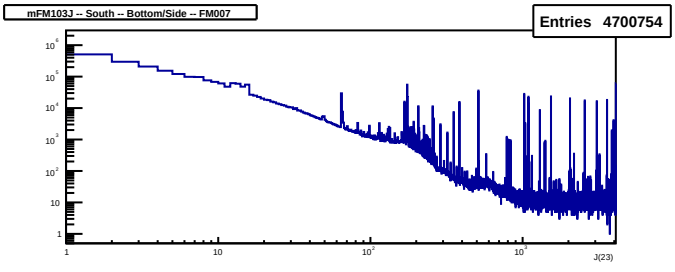

mFM103Jsim -- South -- Top -- FM006
Entries 829369
Unused

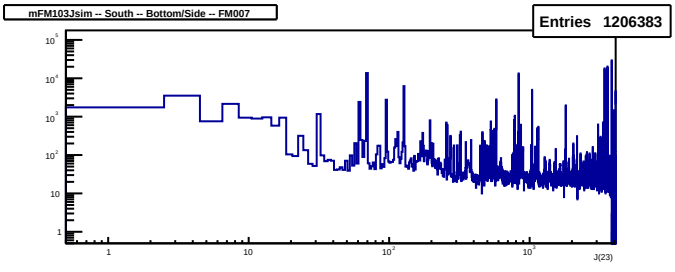

mFM103JP -- South -- Top -- FM006
Entries 9401508

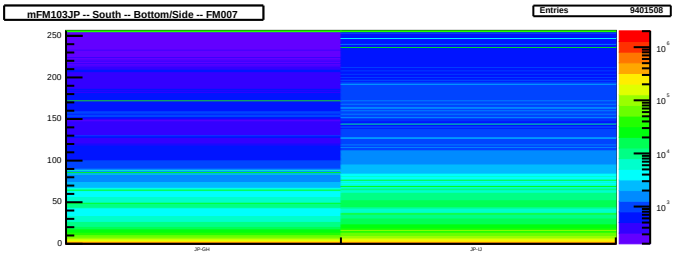

mFM103JPsim -- South -- Top -- FM006
Entries 2136023

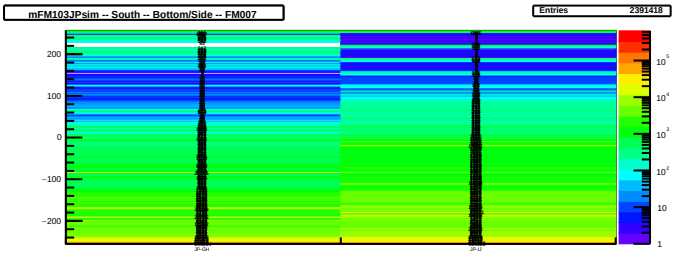

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.880302e+07

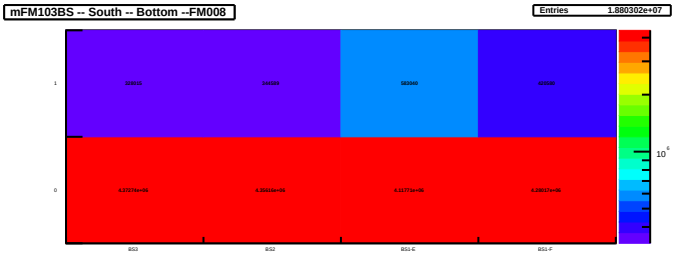

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 4010523

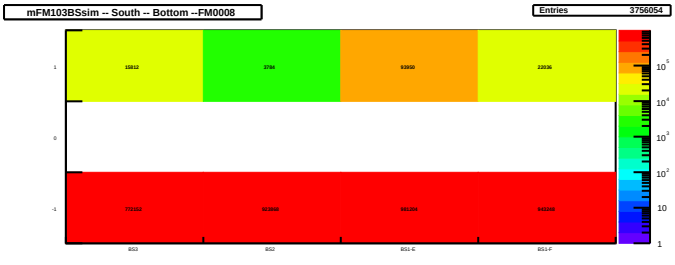

mFM103J -- South -- Bottom/Side -- FM007
Entries 4700754
J(23)

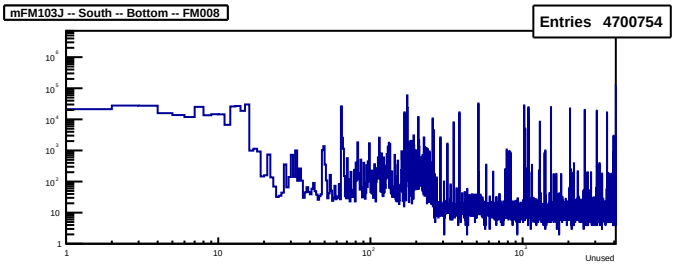

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1206383
J(23)

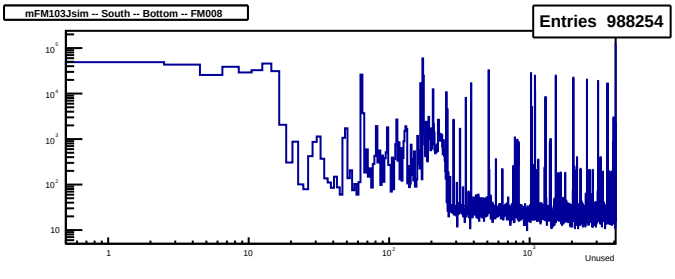

mFM103JP -- South -- Bottom/Side -- FM007
Entries 9401508

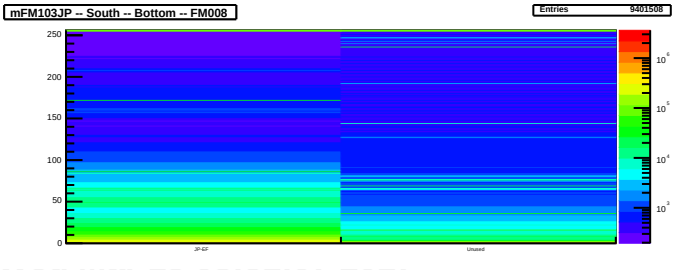

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2391418

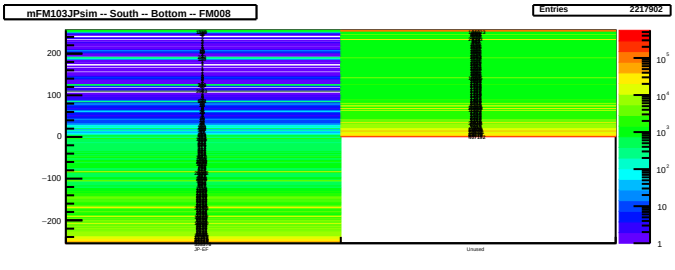

mFM103BS -- South -- Bottom --FM008
Entries 1.880302e+07

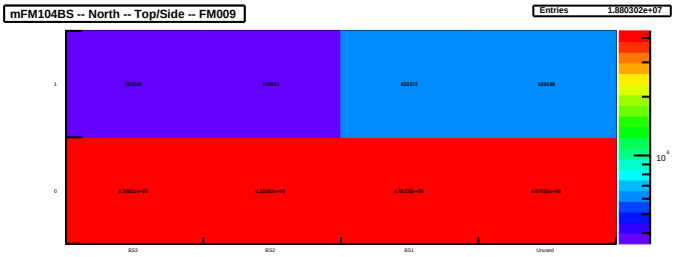

mFM103BSsim -- South -- Bottom --FM0008
Entries 3756054

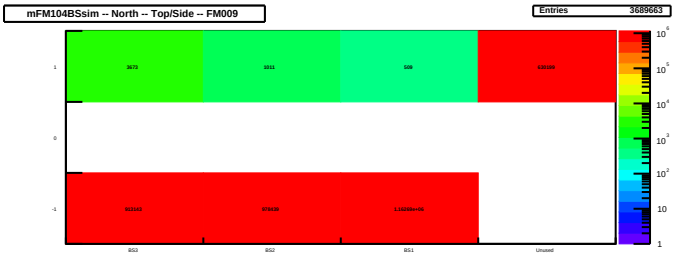

mFM103J -- South -- Bottom -- FM008
Entries 4700754
Unused

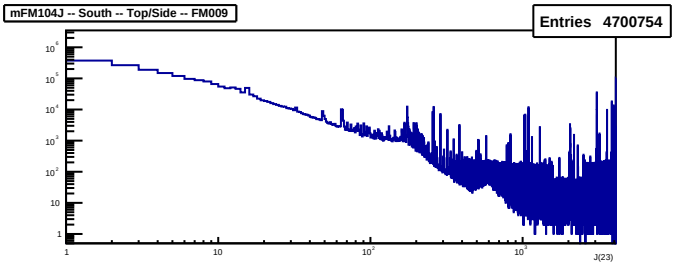

mFM103Jsim -- South -- Bottom -- FM008
Entries 988254
Unused

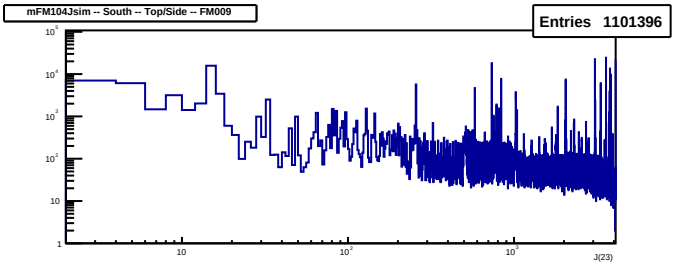

mFM103JP -- South -- Bottom -- FM008
Entries 9401508

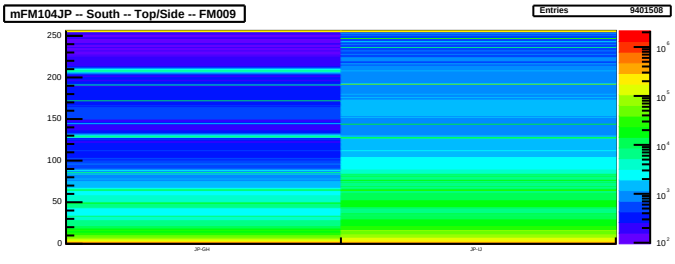

mFM103JPsim -- South -- Bottom -- FM008
Entries 2217902

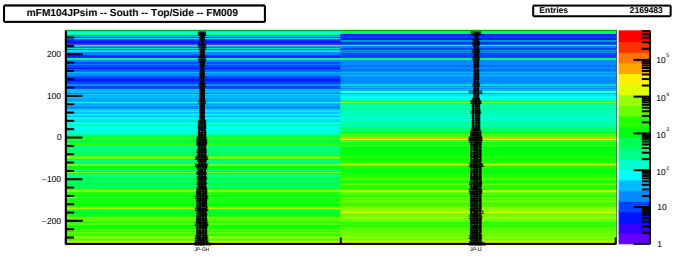

mFM104BS -- North -- Top/Side -- FM009
Entries 1.880302e+07

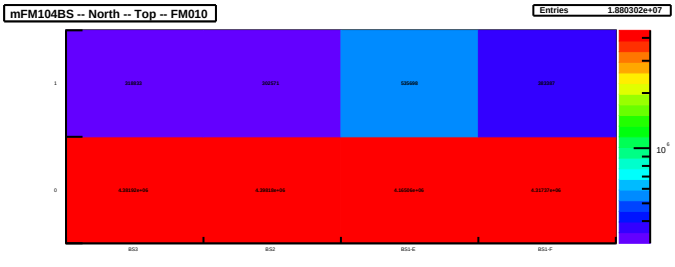

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3689663

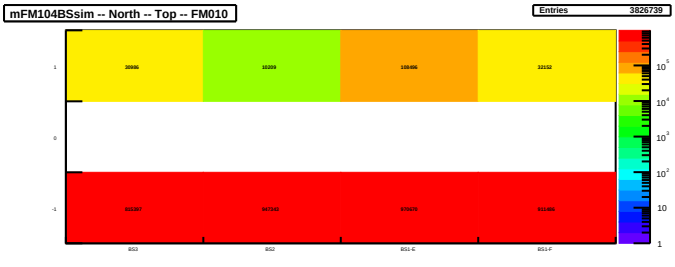

mFM104J -- South -- Top/Side -- FM009
Entries 4700754
J(23)

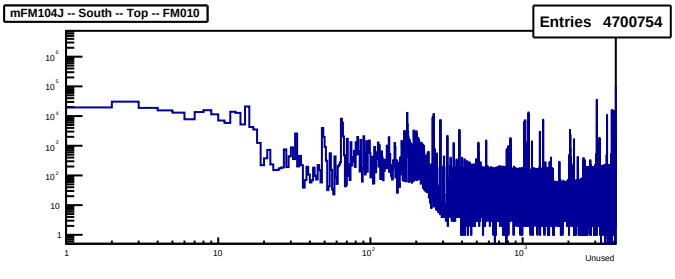

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1101396
J(23)

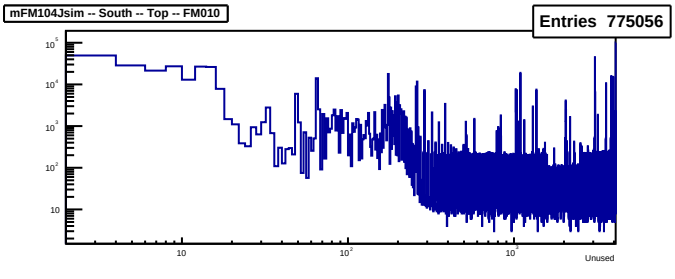

mFM104JP -- South -- Top/Side -- FM009
Entries 9401508

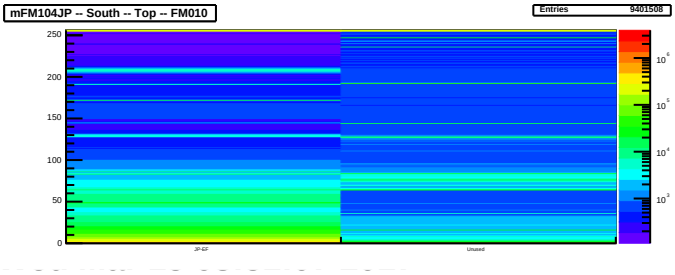

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2169483

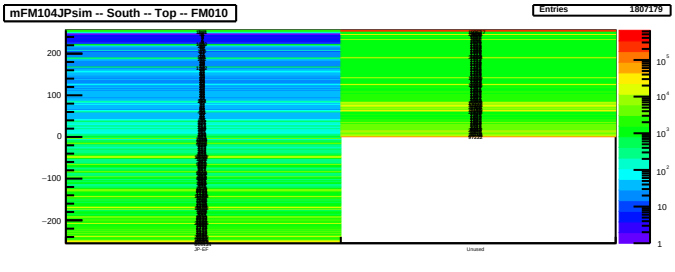

mFM104BS -- North -- Top -- FM010
Entries 1.880302e+07

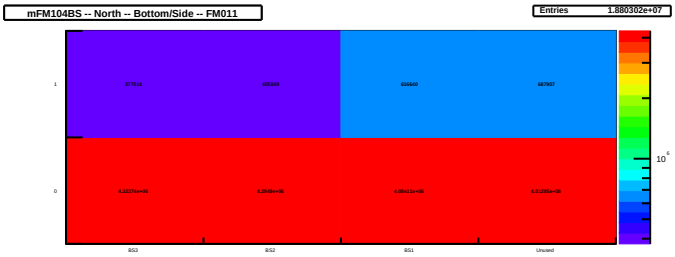

mFM104BSsim -- North -- Top -- FM010
Entries 3826739

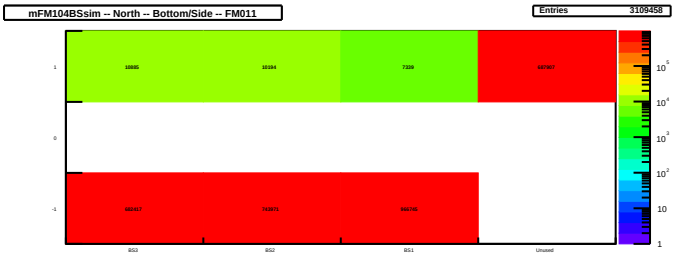

mFM104J -- South -- Top -- FM010
Entries 4700754
Unused

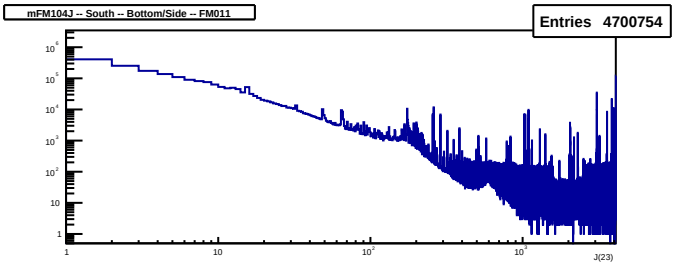

mFM104Jsim -- South -- Top -- FM010
Entries 775056
Unused

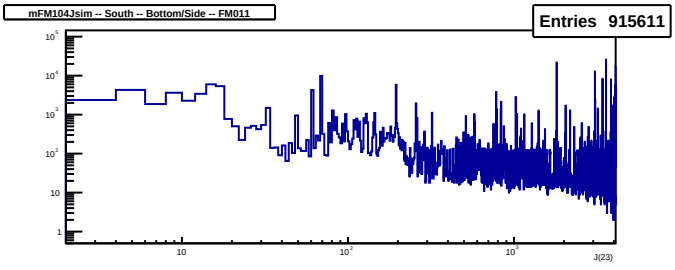

mFM104JP -- South -- Top -- FM010
Entries 9401508

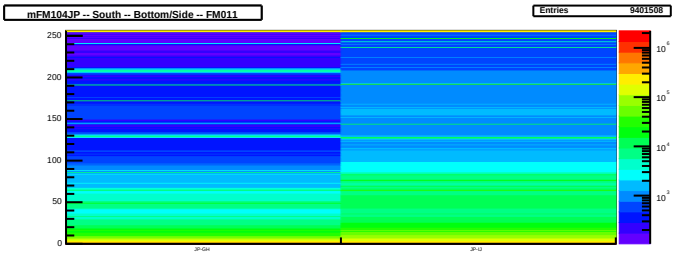

mFM104JPsim -- South -- Top -- FM010
Entries 1807179

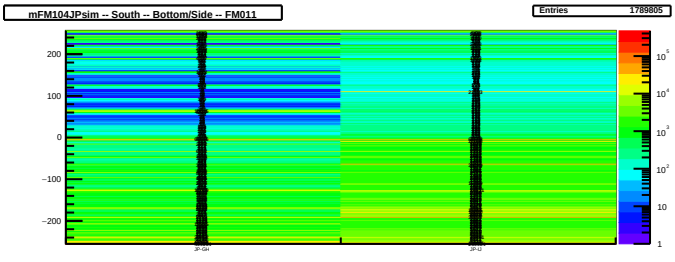

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.880302e+07

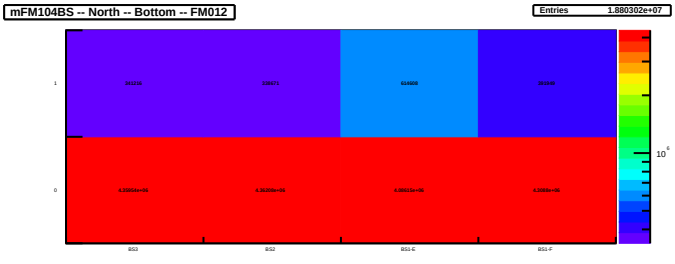

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3109458

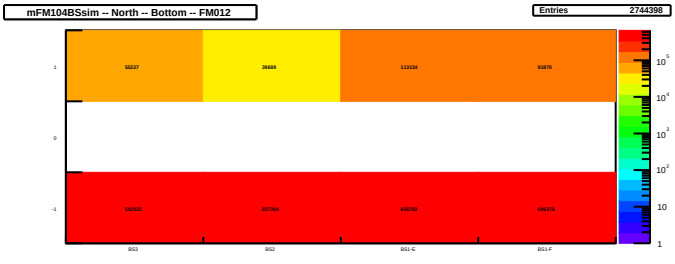

mFM104J -- South -- Bottom/Side -- FM011
Entries 4700754
J(23)

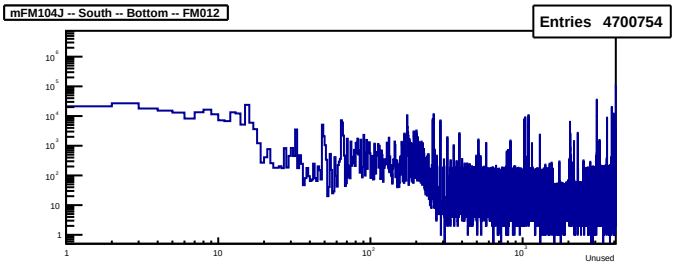

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 915611
J(23)

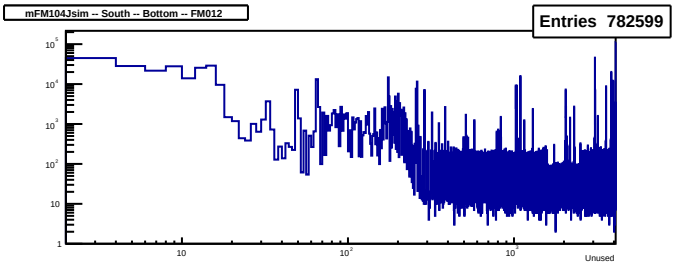

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9401508

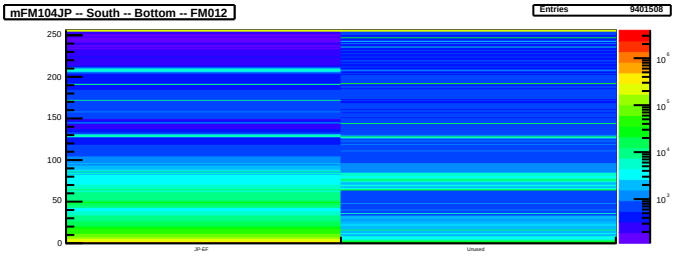

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1789805

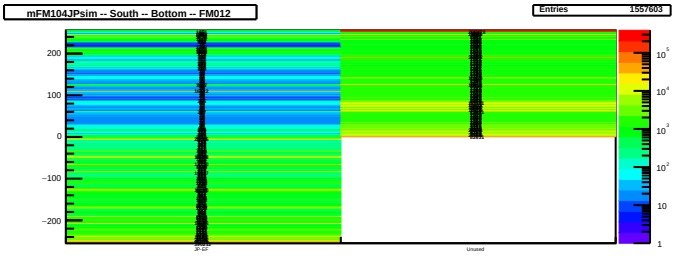

mFM104BS -- North -- Bottom -- FM012
Entries 1.880302e+07

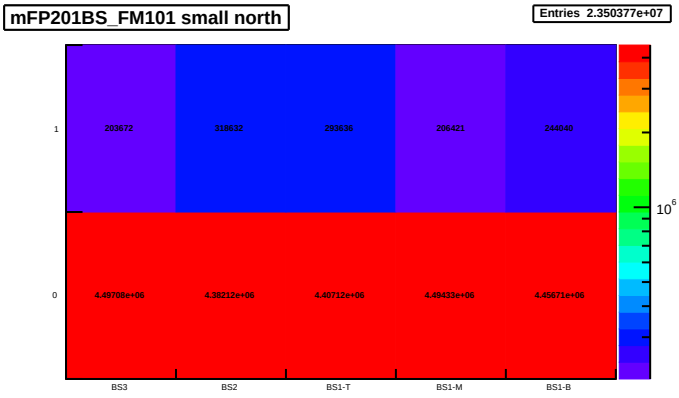

mFM104BSsim -- North -- Bottom -- FM012
Entries 2744398

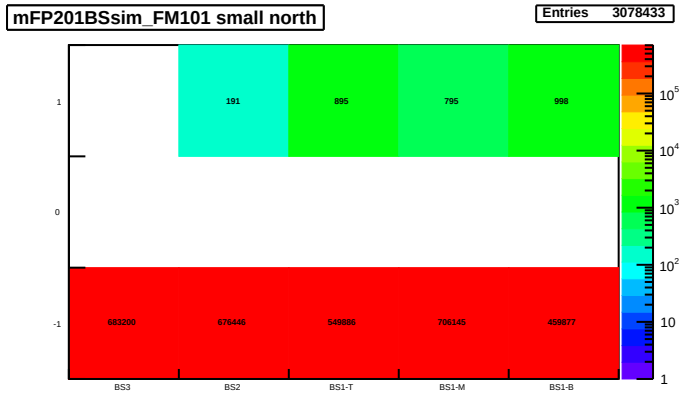

mFM104J -- South -- Bottom -- FM012
Entries 4700754
Unused

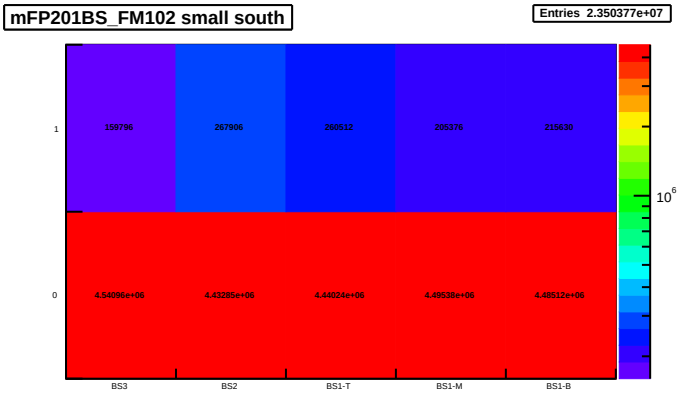

mFM104Jsim -- South -- Bottom -- FM012
Entries 782599
Unused

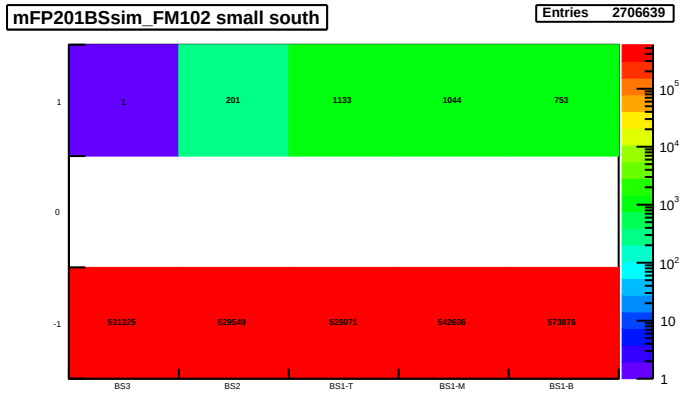

mFM104JP -- South -- Bottom -- FM012
Entries 9401508

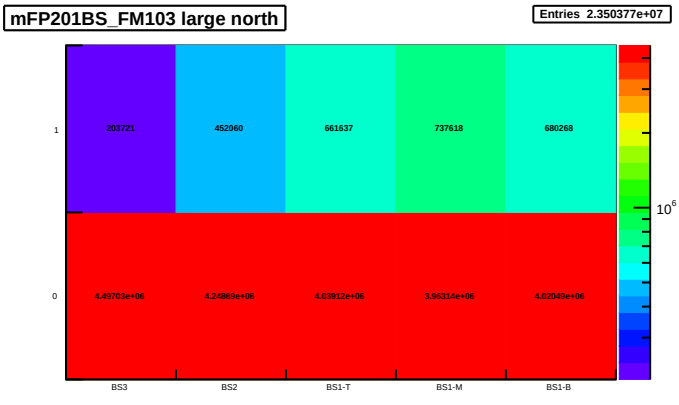

mFM104JPsim -- South -- Bottom -- FM012
Entries 1557603

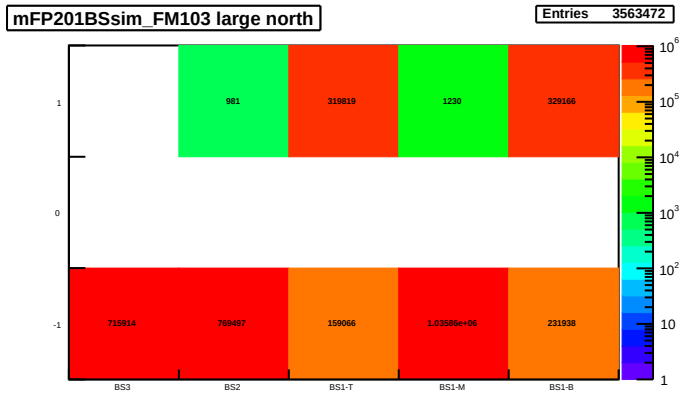

mFP201BS_FM101 small north
Entries 2.350377e+07
203672
318632
293636
206421
244040
4.49708e+06
4.38212e+06
4.40712e+06
4.49433e+06
4.45671e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

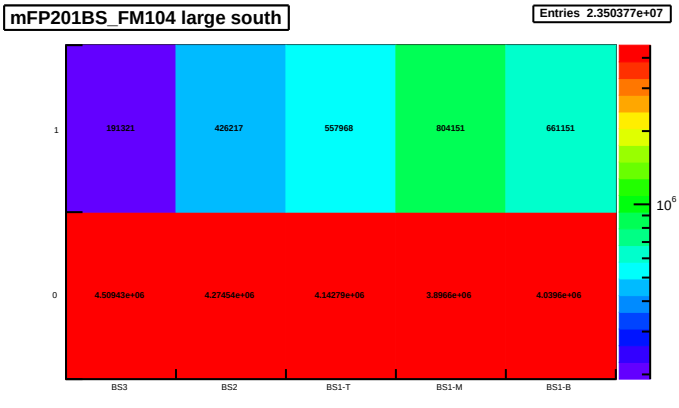

mFP201BSsim_FM101 small north
Entries 3078433
191
895
795
998
683200
676446
549886
706145
459877
BS3
BS2
BS1-T
BS1-M
BS1-B

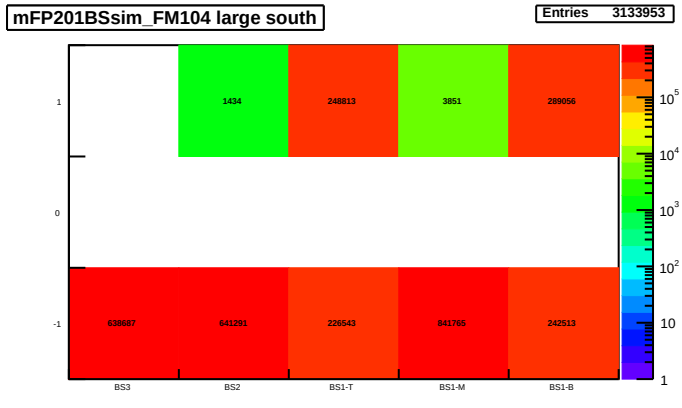

mFP201BS_FM102 small south
Entries 2.350377e+07
159796
287906
260512
205376
215630
4.54096e+06
4.43285e+06
4.44024e+06
4.49538e+06
4.48512e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

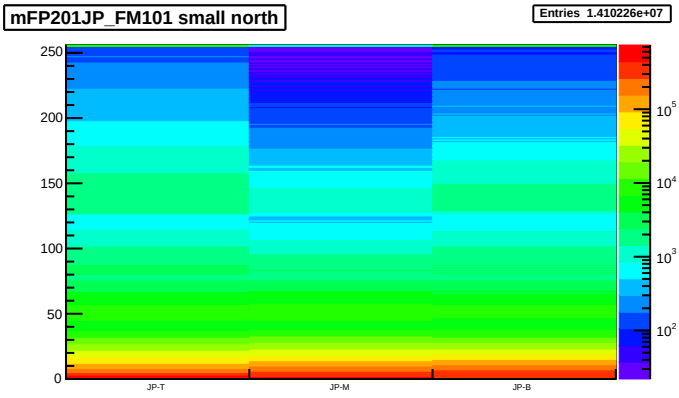

mFP201BSsim_FM102 small south
Entries 2706639
1
201
1133
1044
753
531325
529549
526071
542686
573876
BS3
BS2
BS1-T
BS1-M
BS1-B

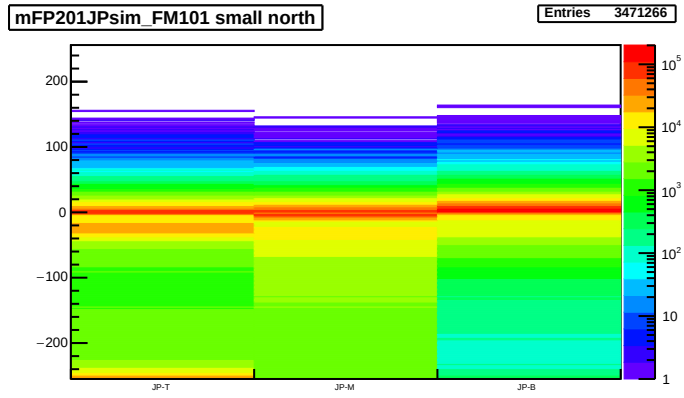

mFP201BS_FM103 large north
Entries 2.350377e+07
203721
452060
661637
737618
680268
4.49703e+06
4.24869e+06
4.03912e+06
3.96314e+06
4.02049e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

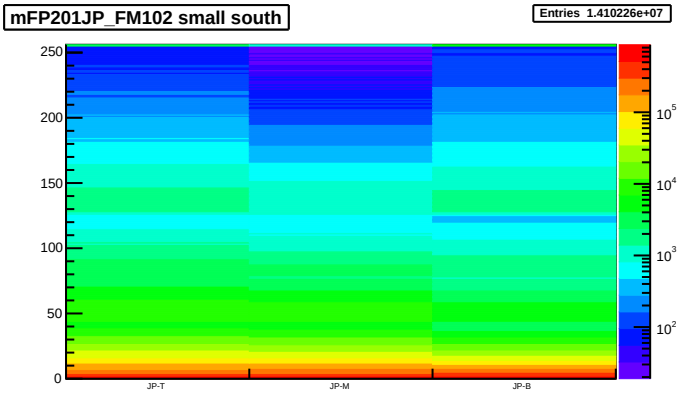

mFP201BSsim_FM103 large north
Entries 3563472
981
319819
1230
329166
715914
769497
159066
1.03586e+06
231938
BS3
BS2
BS1-T
BS1-M
BS1-B

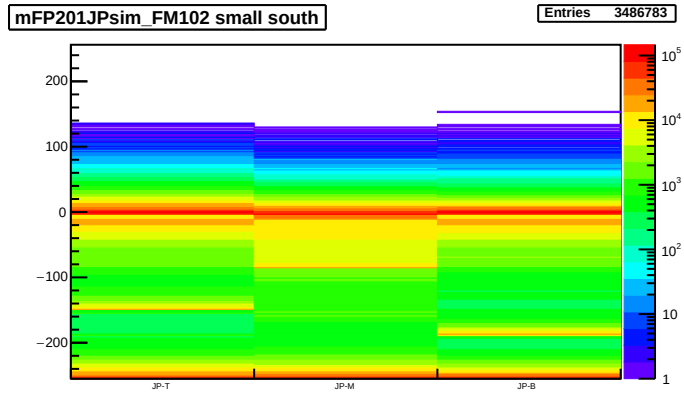

mFP201BS_FM104 large south
Entries 2.350377e+07
191321
426217
557968
804151
661151
4.50943e+06
4.27454e+06
4.14279e+06
3.8966e+06
4.0396e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

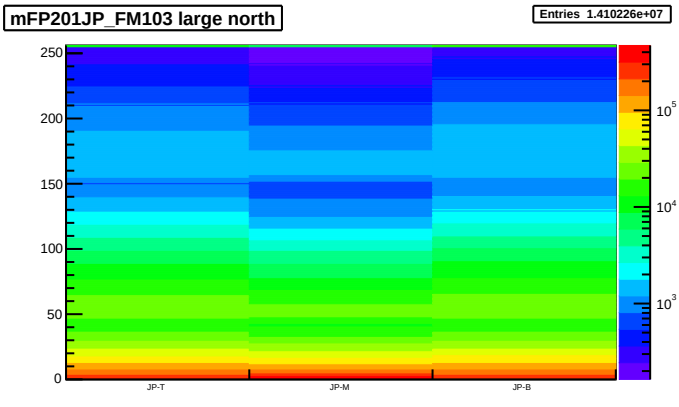

mFP201BSsim_FM104 large south
Entries 3133953
1434
248813
3851
289056
638687
641291
226543
841765
242513
BS3
BS2
BS1-T
BS1-M
BS1-B

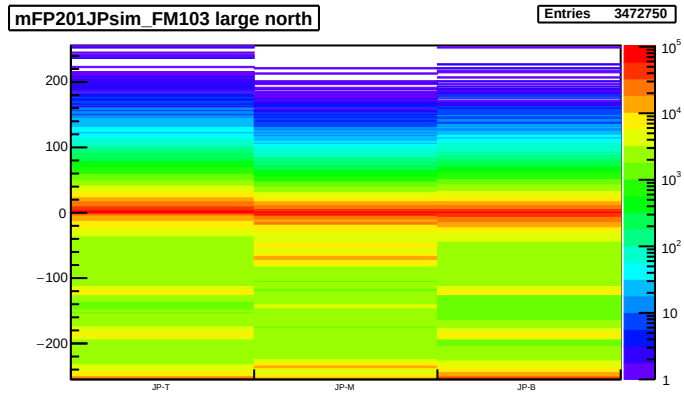

mFP201JP_FM101 small north
Entries 1.410226e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2

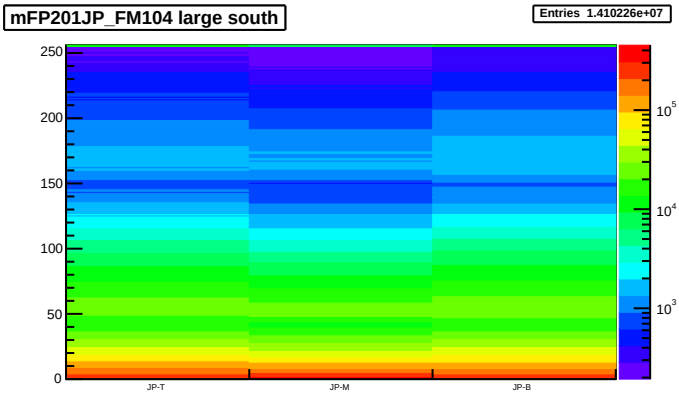

mFP201JPsim_FM101 small north
Entries 3471266
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

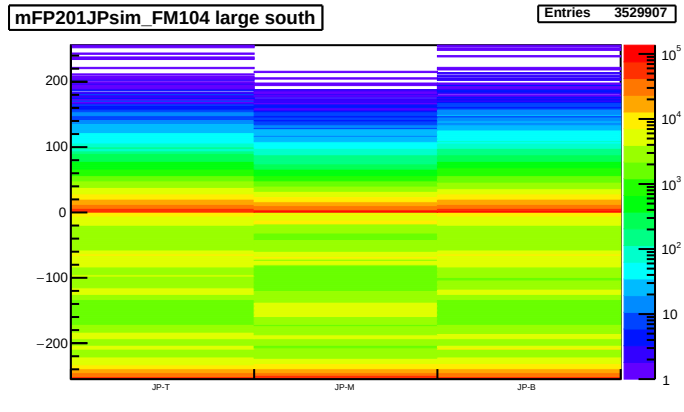

mFP201JP_FM102 small south
Entries 1.410226e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2

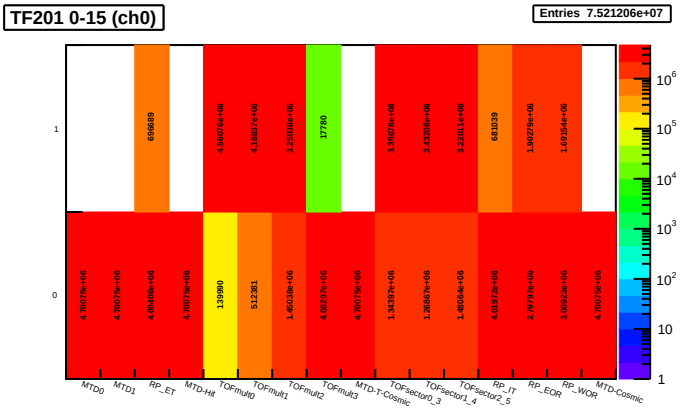

mFP201JPsim_FM102 small south
Entries 3486783
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

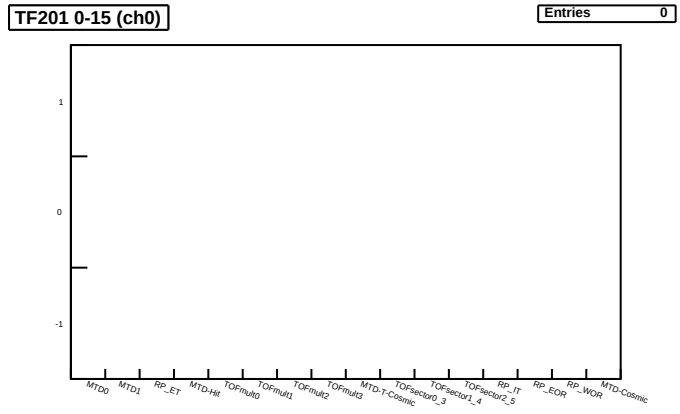

mFP201JP_FM103 large north
Entries 1.410226e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3

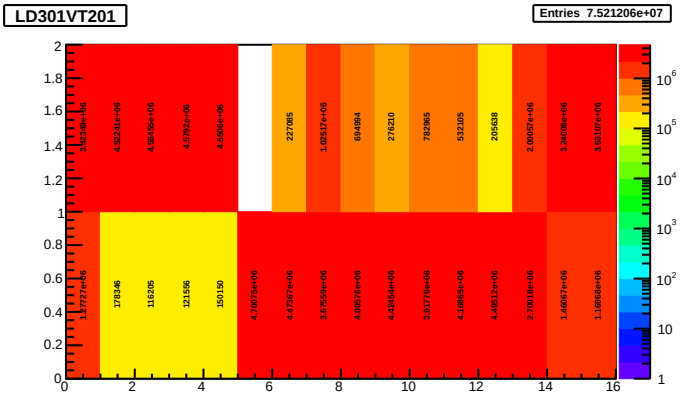

mFP201JPsim_FM103 large north
Entries 3472750
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

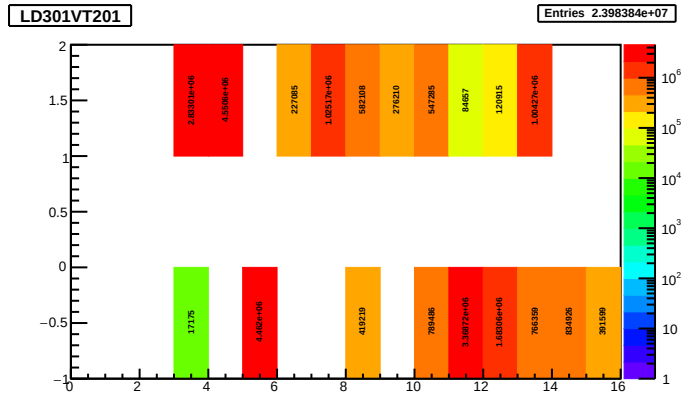

mFP201JP_FM104 large south
Entries 1.410226e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3

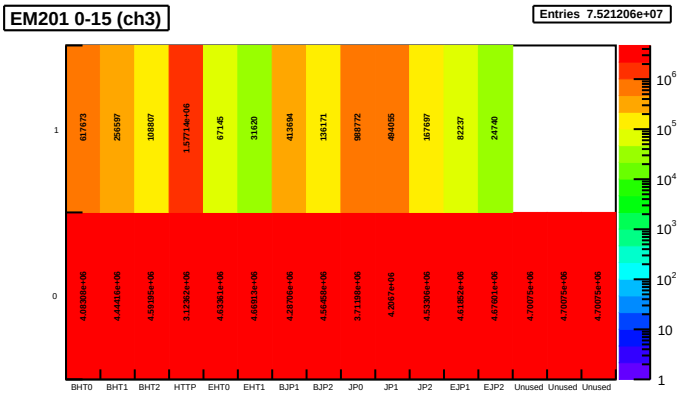

mFP201JPsim_FM104 large south
Entries 3529907
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

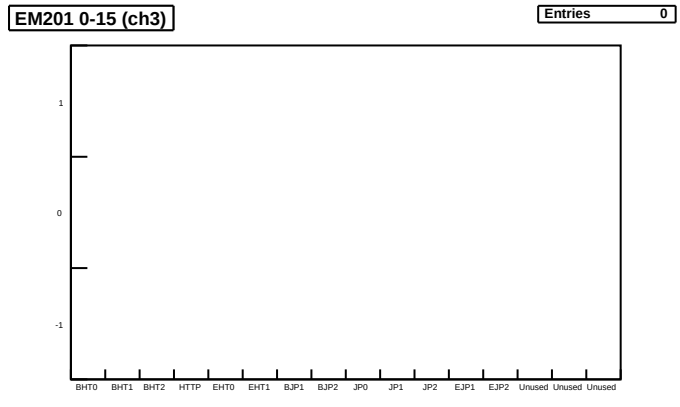

TF201 0-15 (ch0)
Entries 7.521206e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

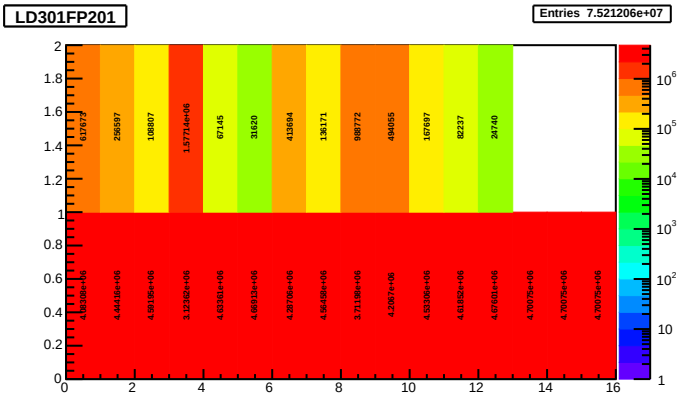

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

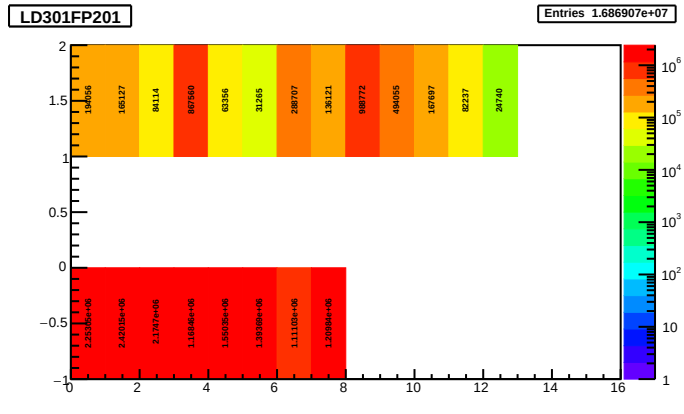

LD301VT201
Entries 7.521206e+07


LD301VT201
Entries 2.398384e+07


EM201 0-15 (ch3)
Entries 7.521206e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 7.521206e+07


LD301FP201
Entries 1.686907e+07