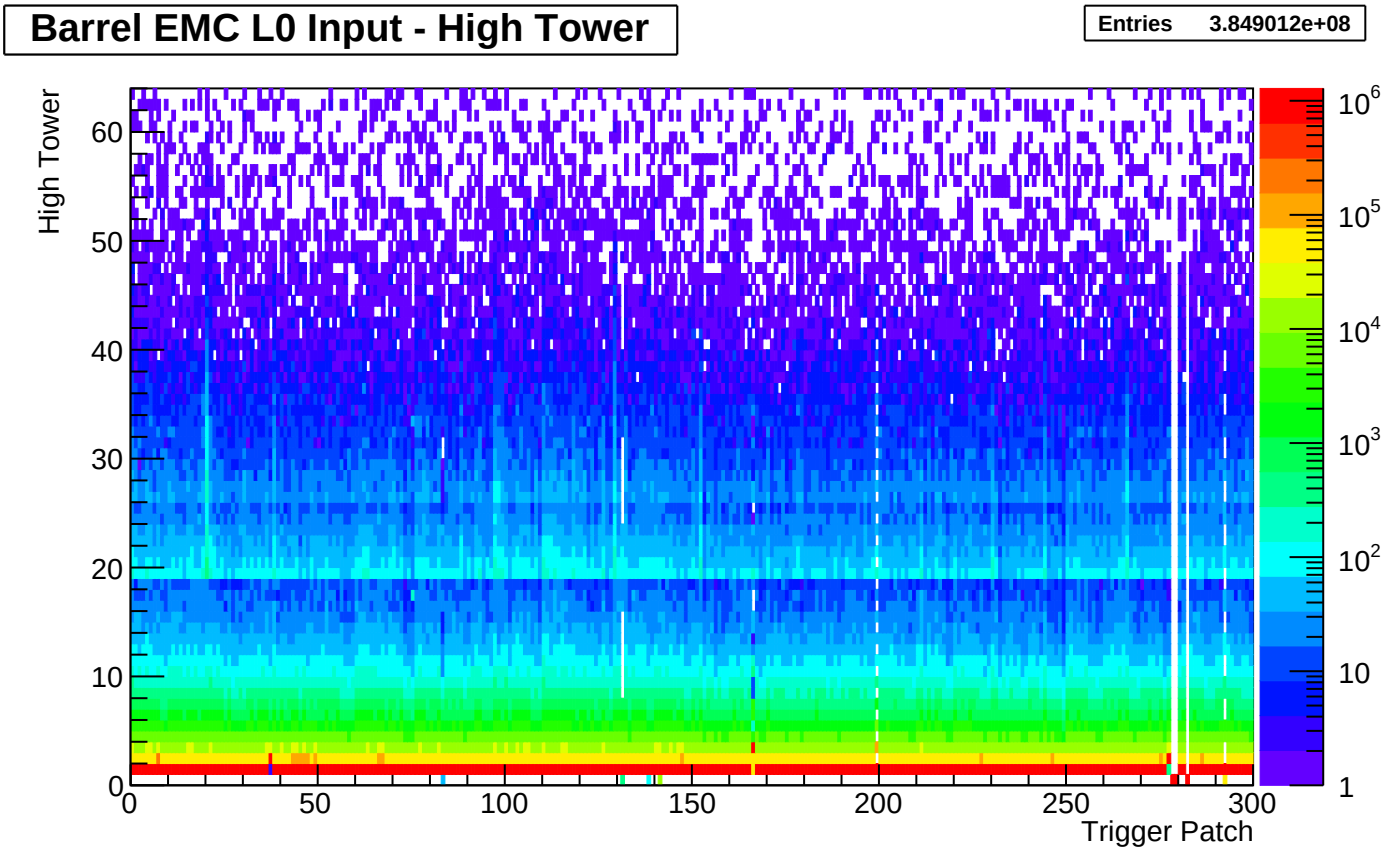
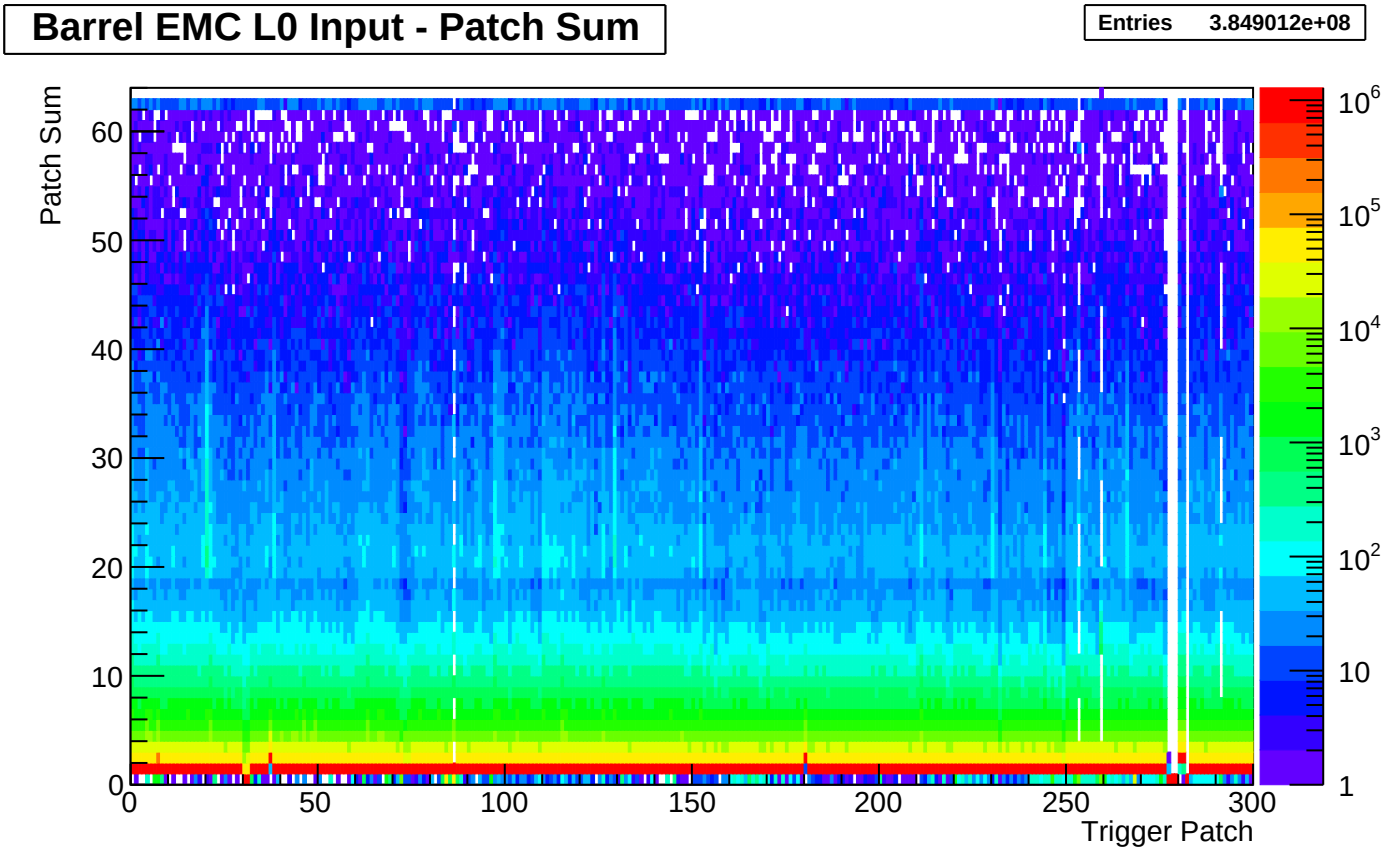
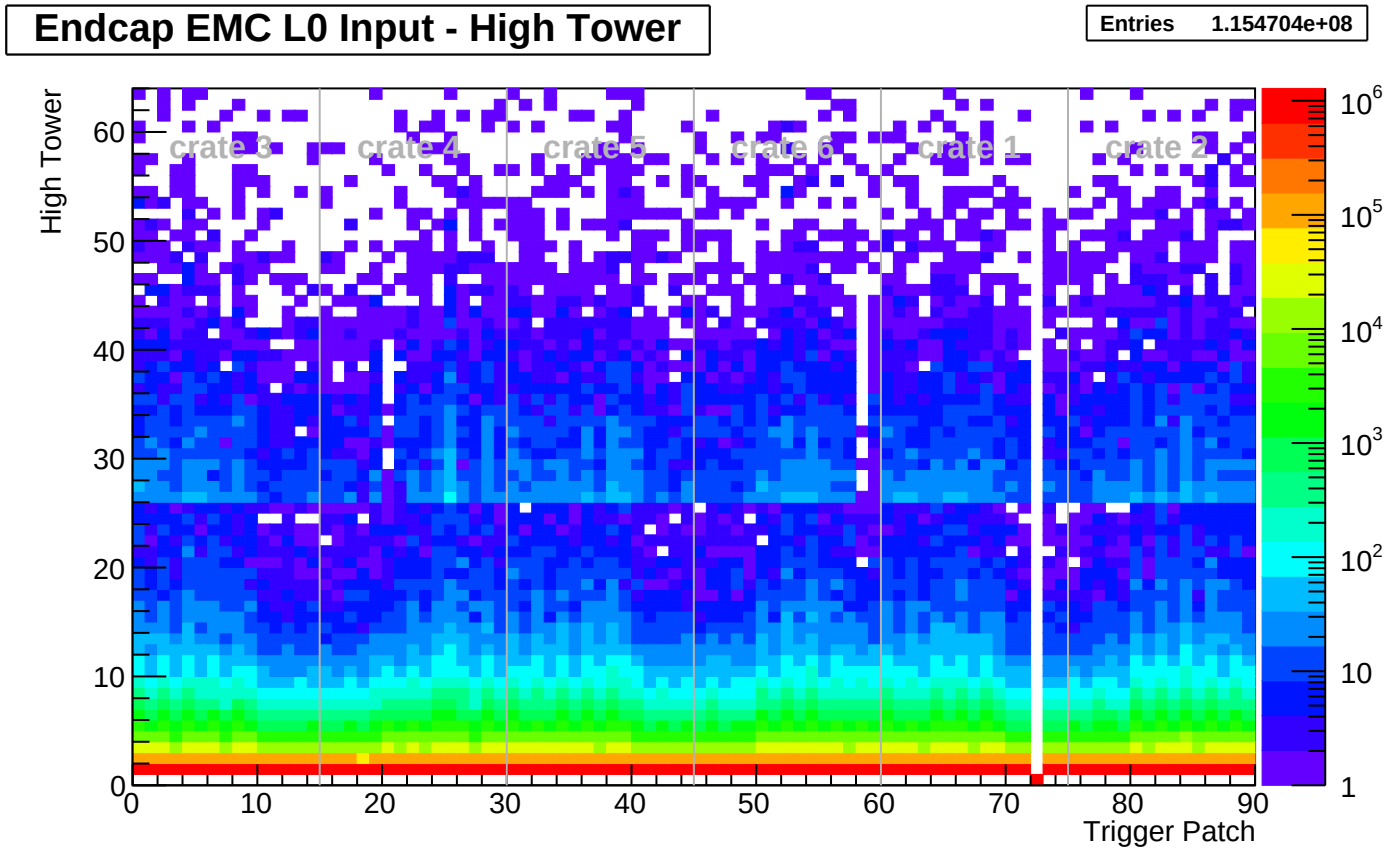
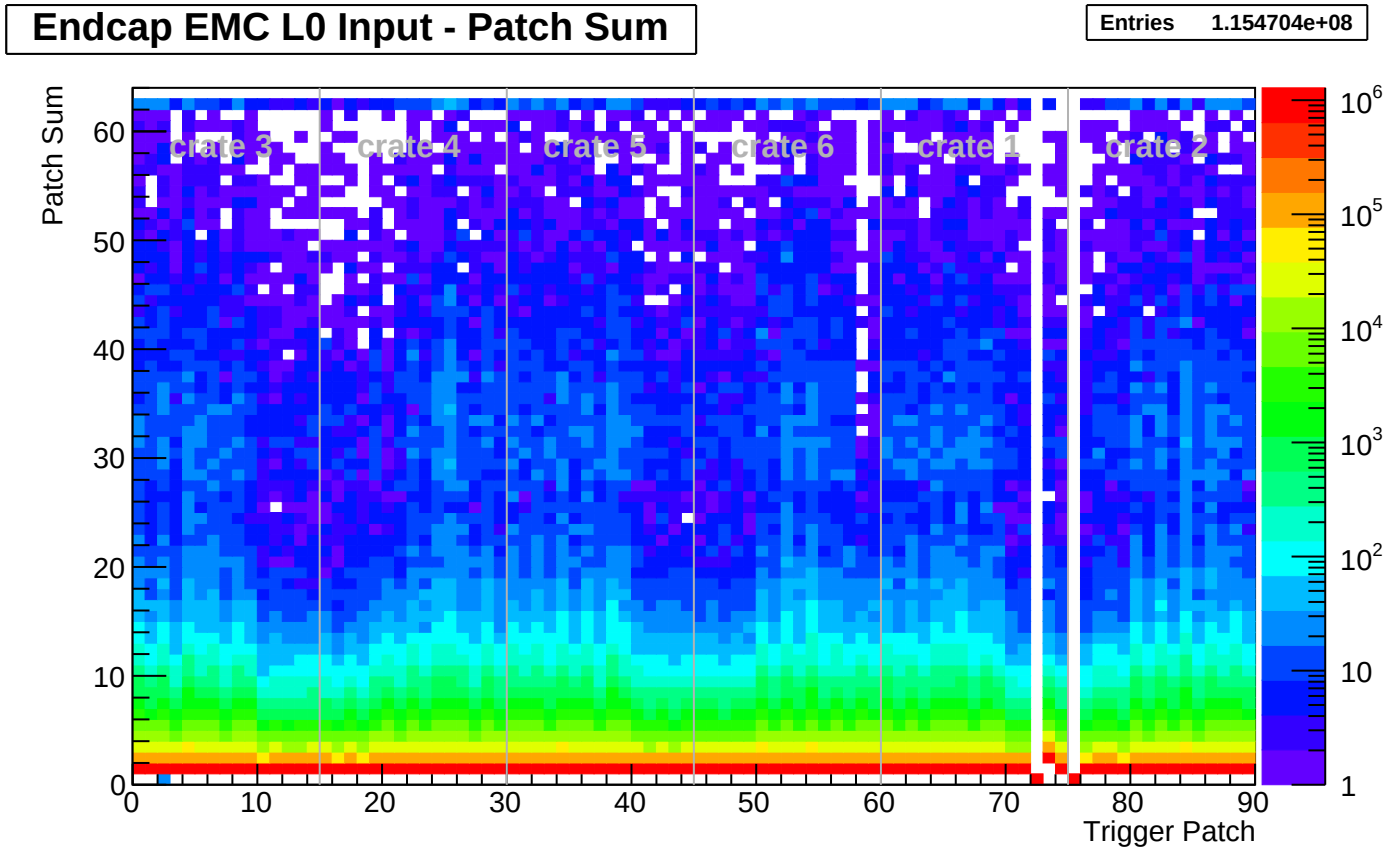
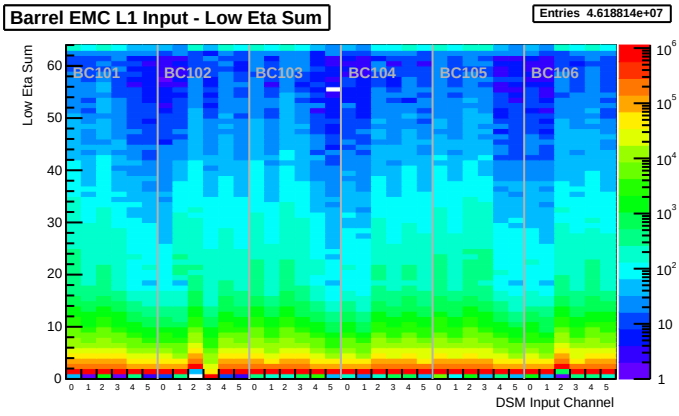
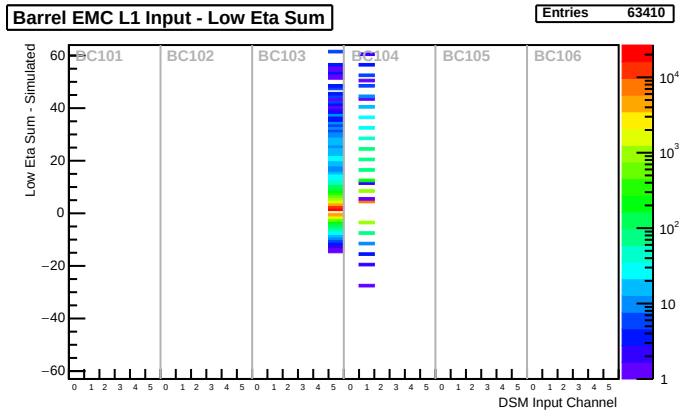

Barrel EMC L0 Input - High Tower
Entries 3.849012e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

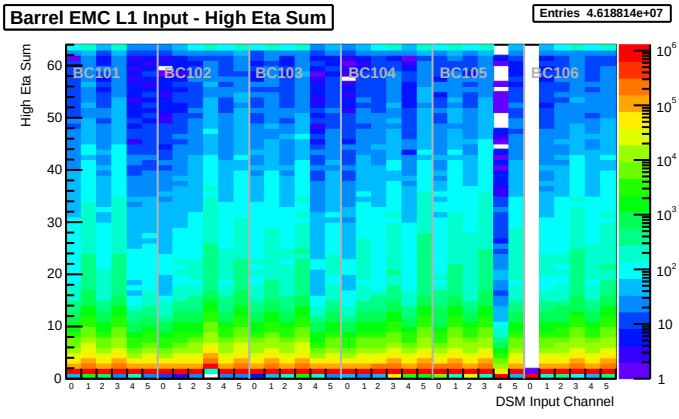

Barrel EMC L0 Input - Patch Sum
Entries 3.849012e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

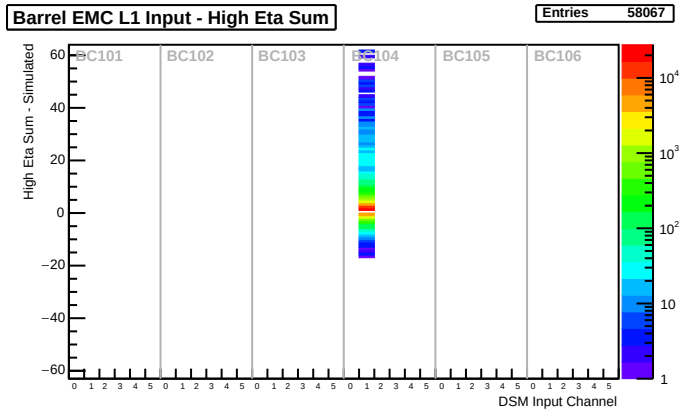

Endcap EMC L0 Input - High Tower
Entries 1.154704e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

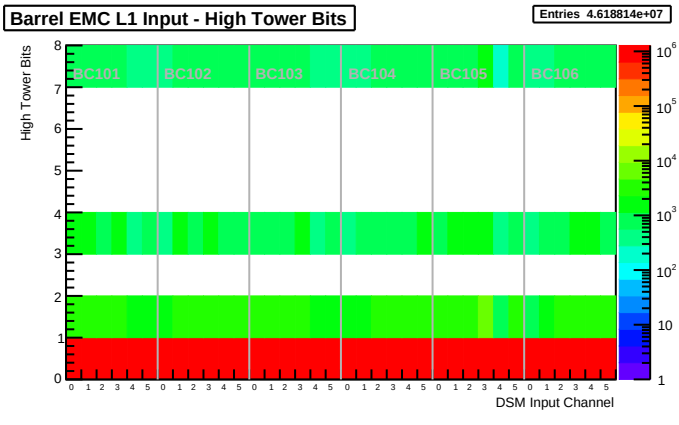

Endcap EMC L0 Input - Patch Sum
Entries 1.154704e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

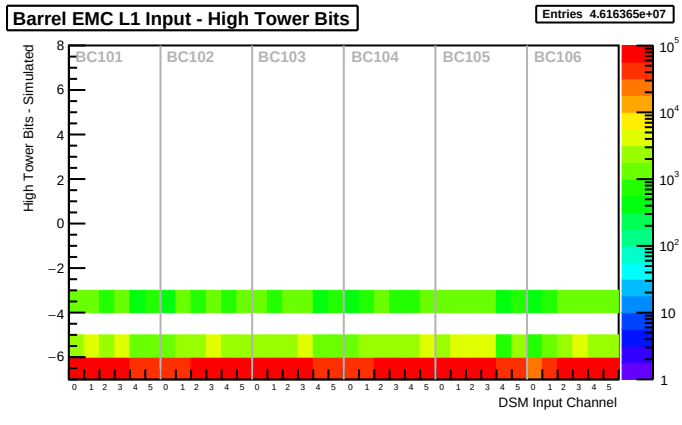

Barrel EMC L1 Input - Low Eta Sum
Entries 4.618814e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

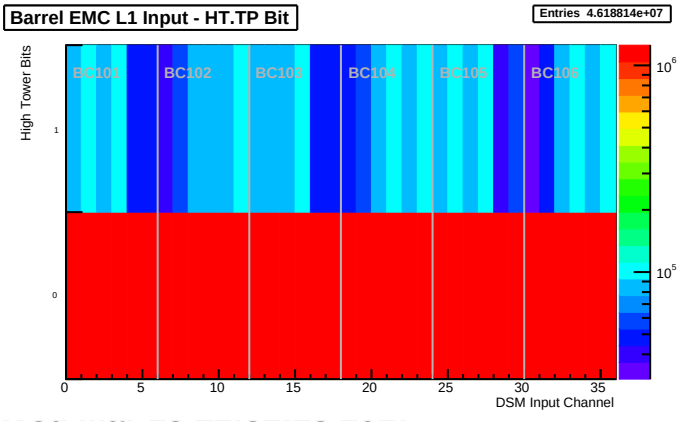

Barrel EMC L1 Input - Low Eta Sum
Entries 63410
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

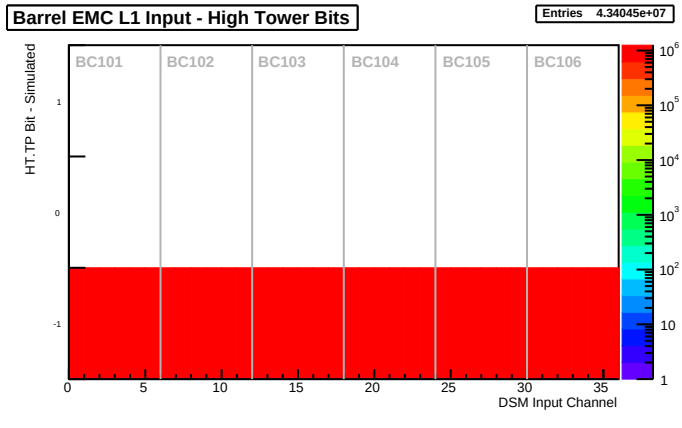

Barrel EMC L1 Input - High Eta Sum
Entries 4.618814e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

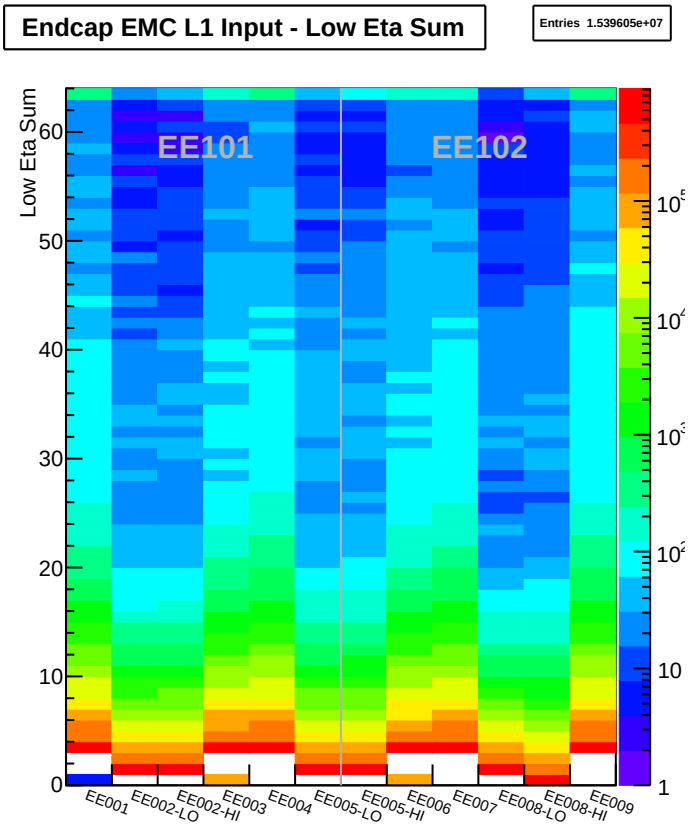

Barrel EMC L1 Input - High Eta Sum
Entries 58067
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

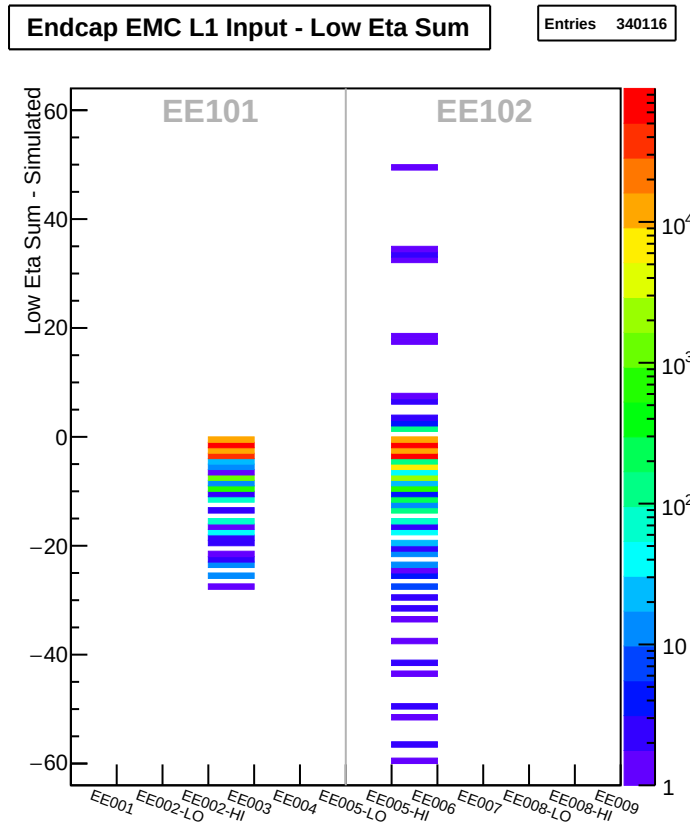

Barrel EMC L1 Input - High Tower Bits
Entries 4.618814e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

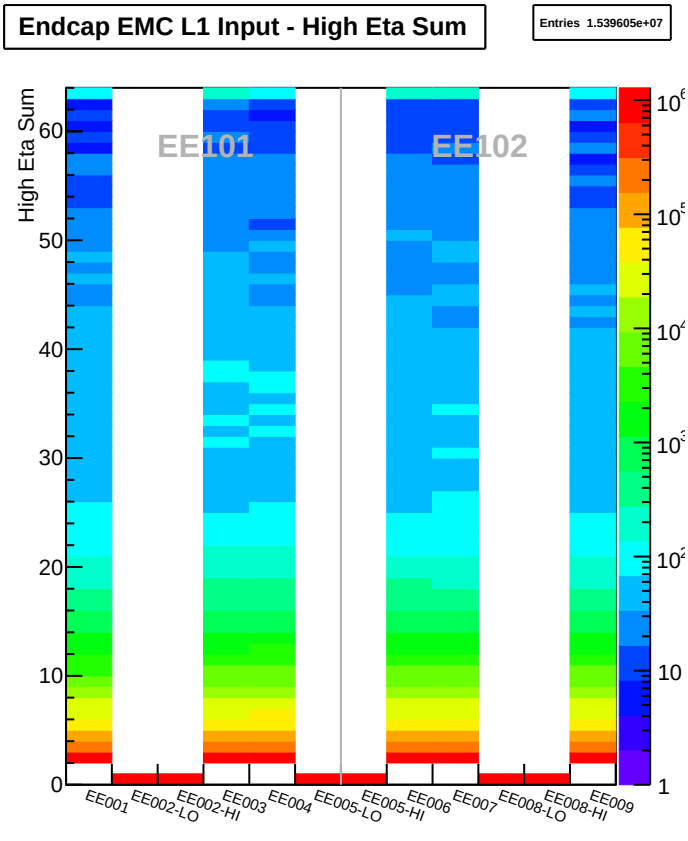

Barrel EMC L1 Input - High Tower Bits
Entries 4.616365e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

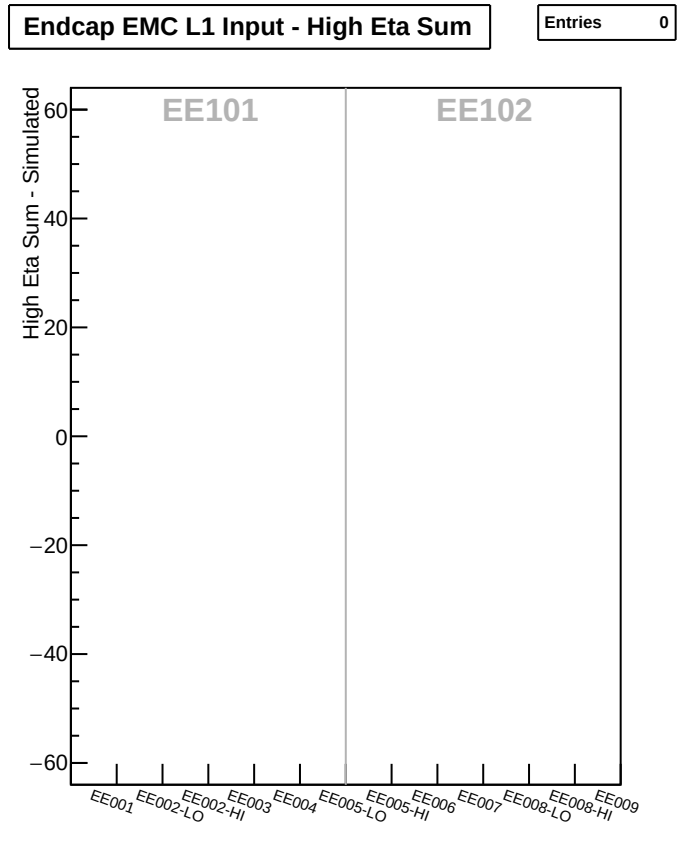

Barrel EMC L1 Input - HT.TP Bit
Entries 4.618814e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 4.34045e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 1.539605e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

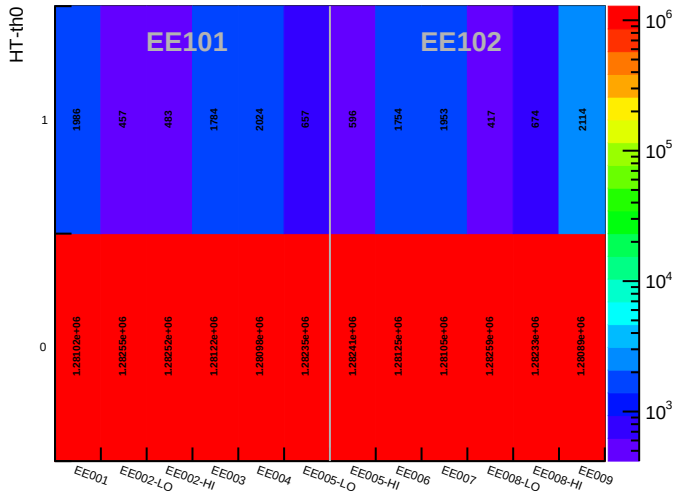

Endcap EMC L1 Input - Low Eta Sum
Entries 340116
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 1.539605e+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

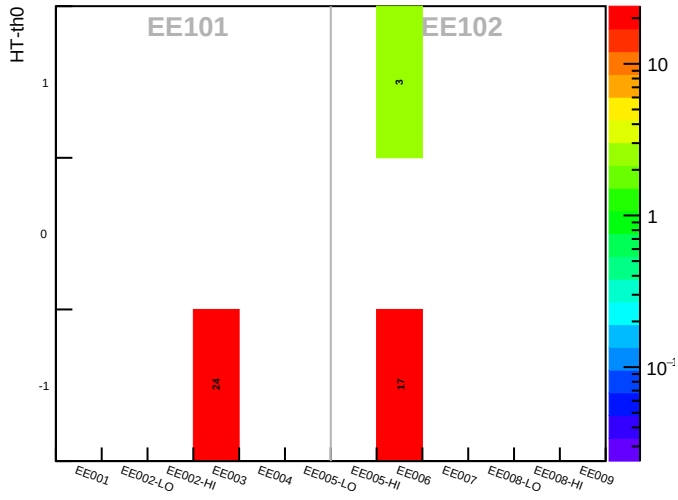
Endcap EMC L1 Input - HT-th0

Entries 1.539605e+07



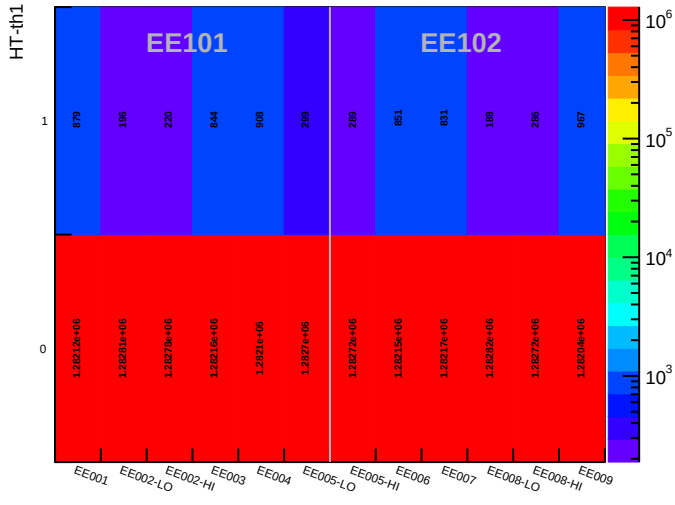
Endcap EMC L1 Input - HT-th0 Diff

Entries 44



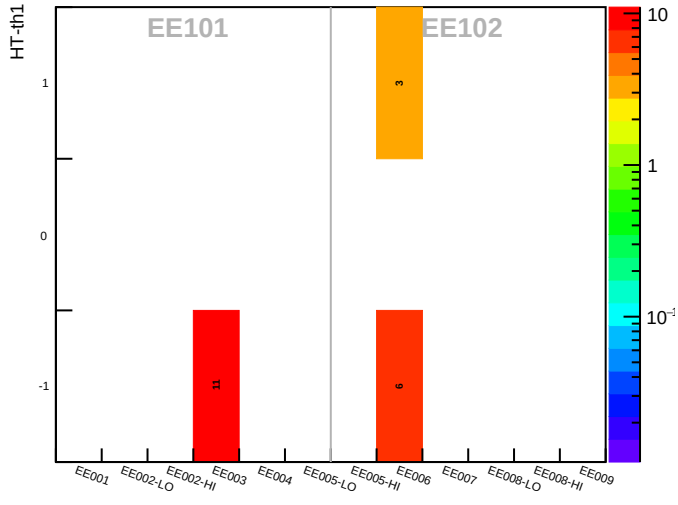
Endcap EMC L1 Input - HT-th1

Entries 1.539605e+07



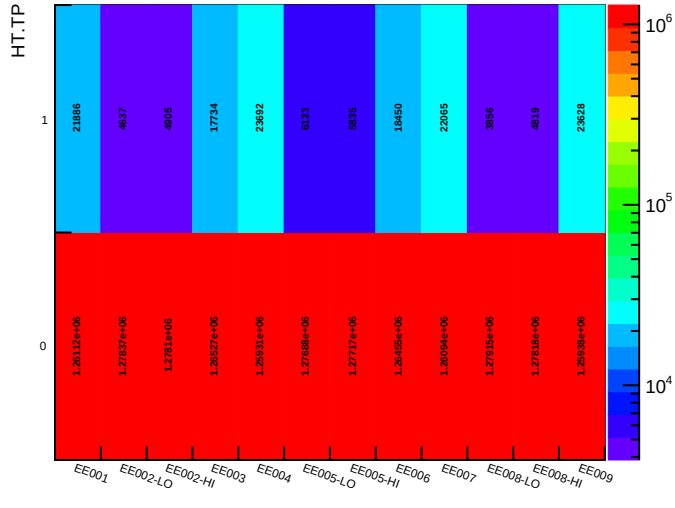
Endcap EMC L1 Input - HT-th1 Diff

Entries 20



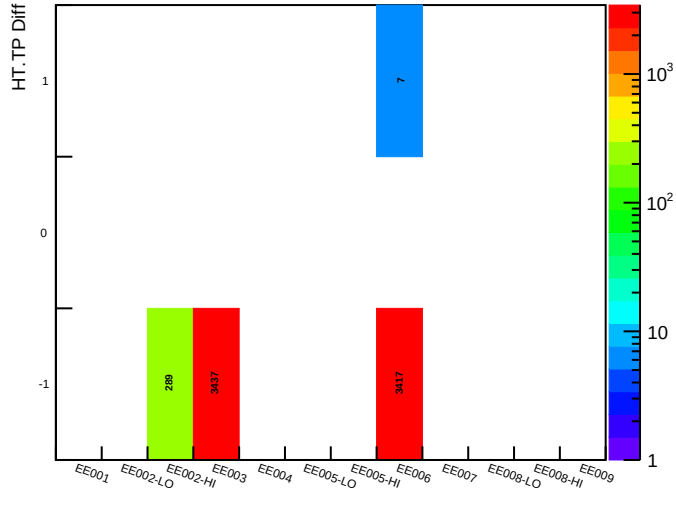
Endcap EMC L1 Input - HT.TP

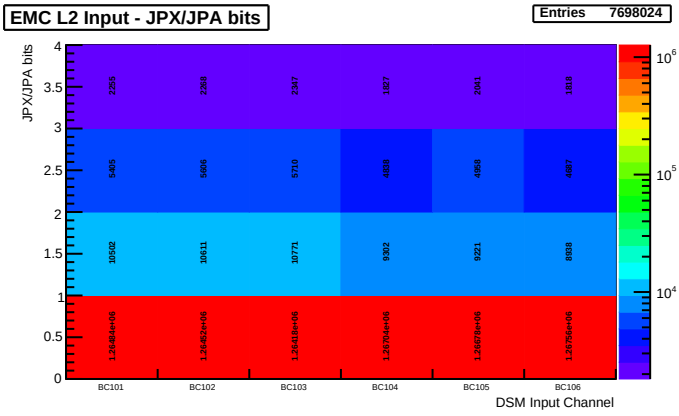
Entries 1.539605e+07

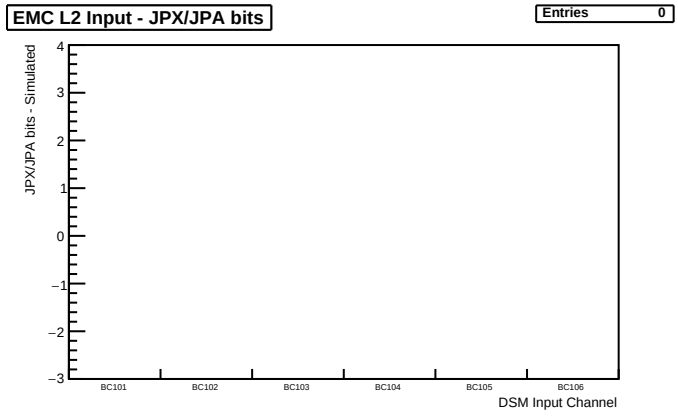


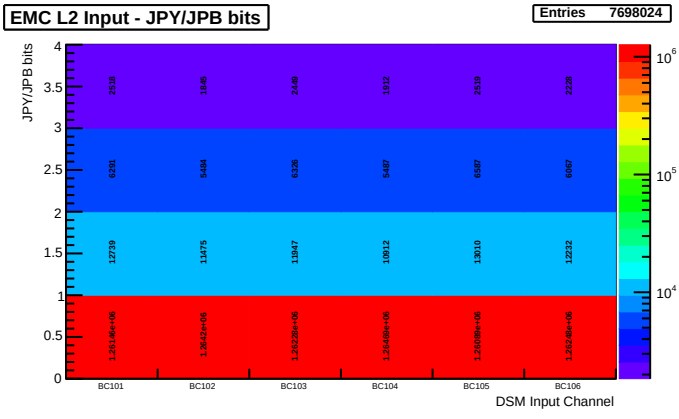
Endcap EMC L1 Input - HT.TP Diff

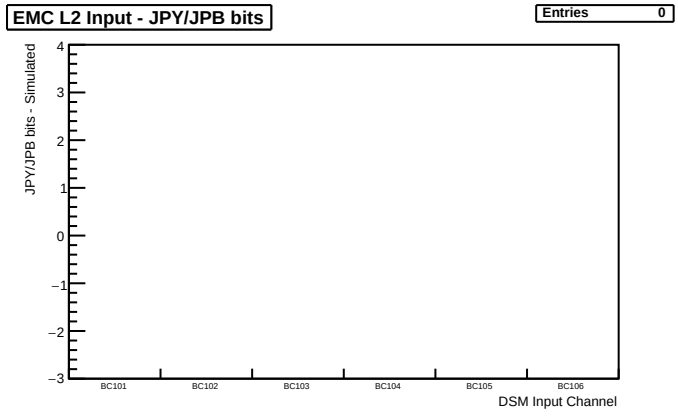
Entries 7150

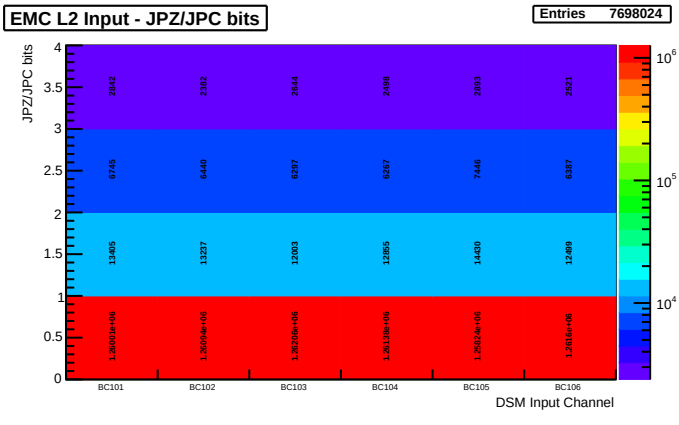


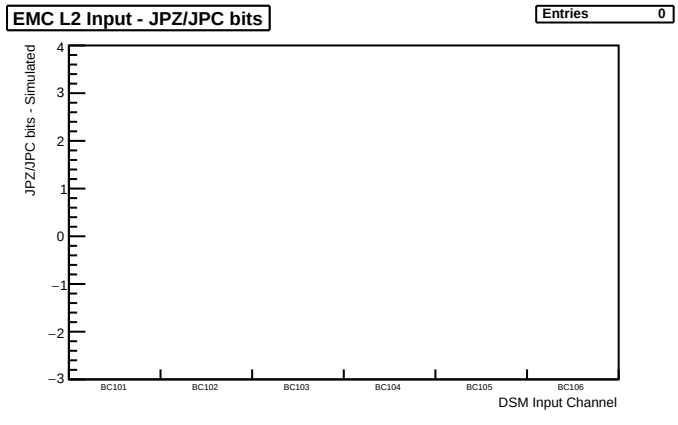

EMC L2 Input - JPX/JPA bits
Entries 7698024
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

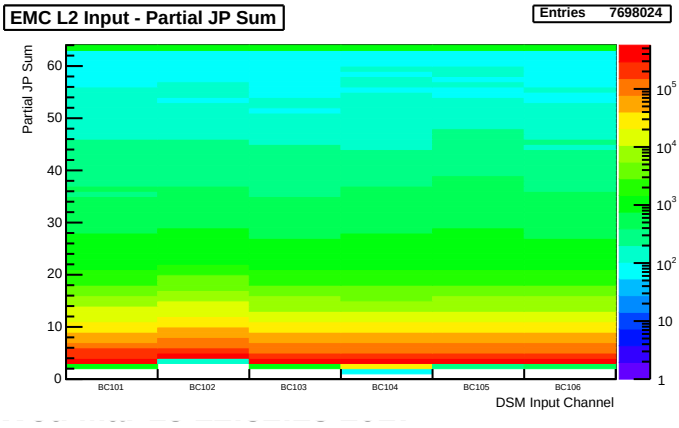

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel

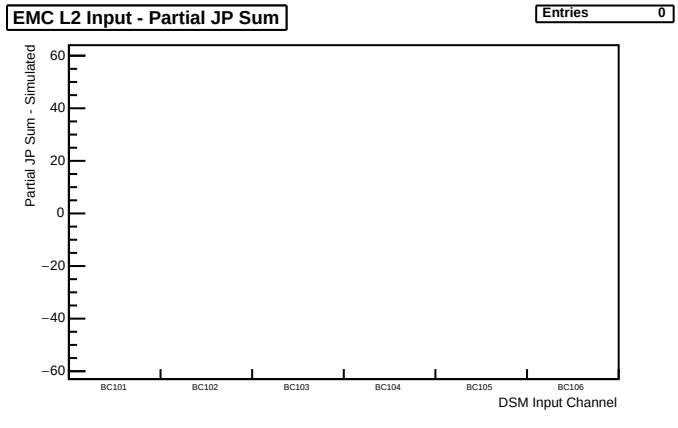

EMC L2 Input - JPY/JPB bits
Entries 7698024
JPY/JPB bits
DSM Input Channel

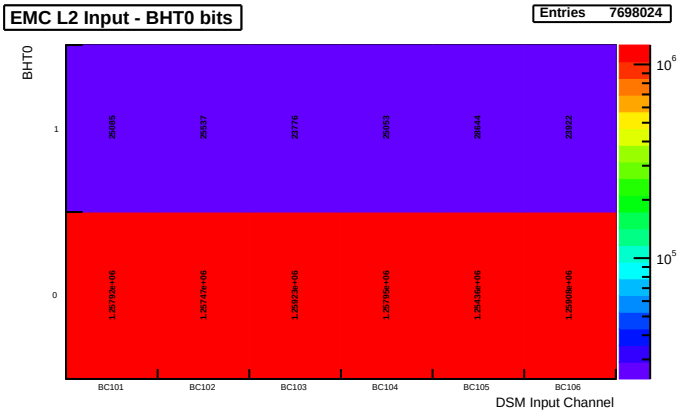

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel

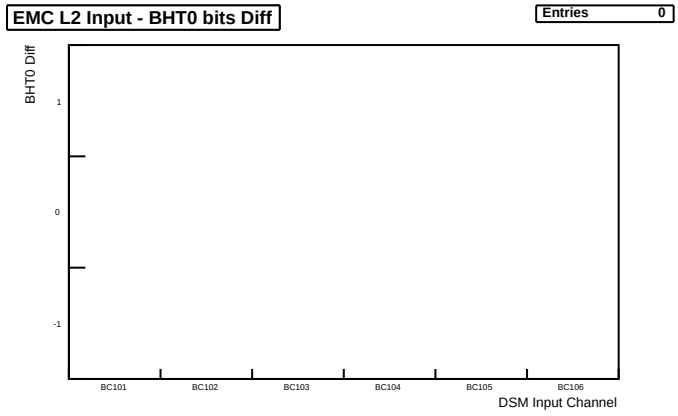

EMC L2 Input - JPZ/JPC bits
Entries 7698024
JPZ/JPC bits
DSM Input Channel

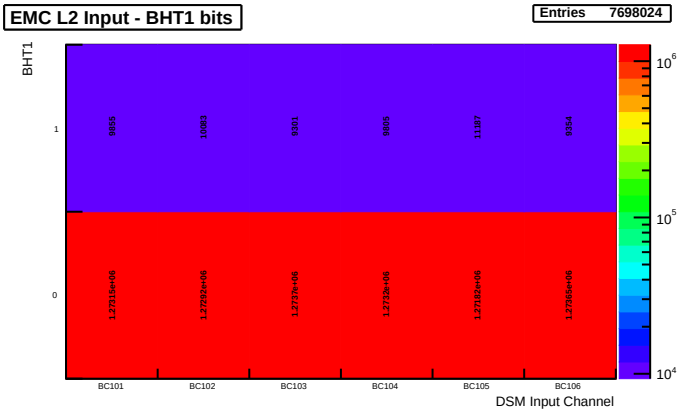

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel

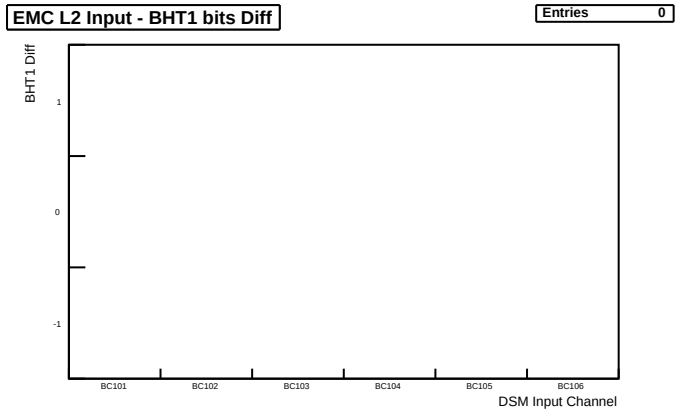

EMC L2 Input - Partial JP Sum
Entries 7698024
Partial JP Sum
DSM Input Channel

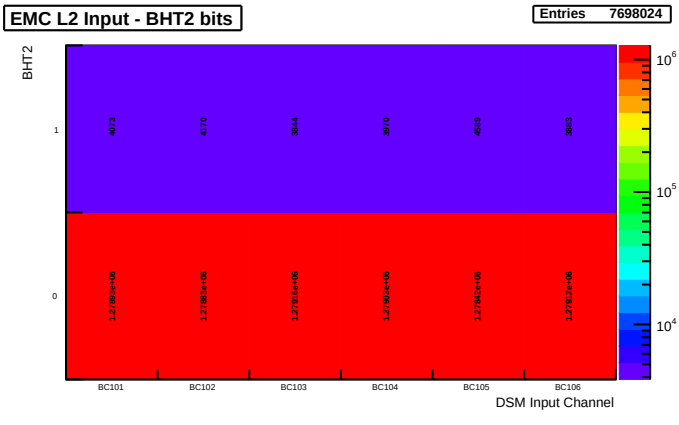

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel

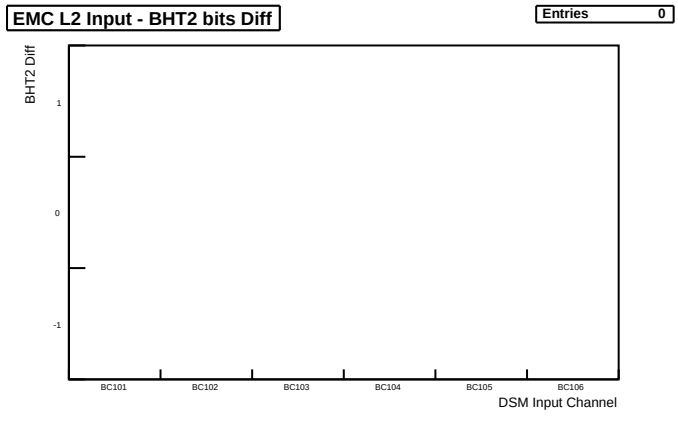

EMC L2 Input - BHT0 bits
Entries 7698024
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

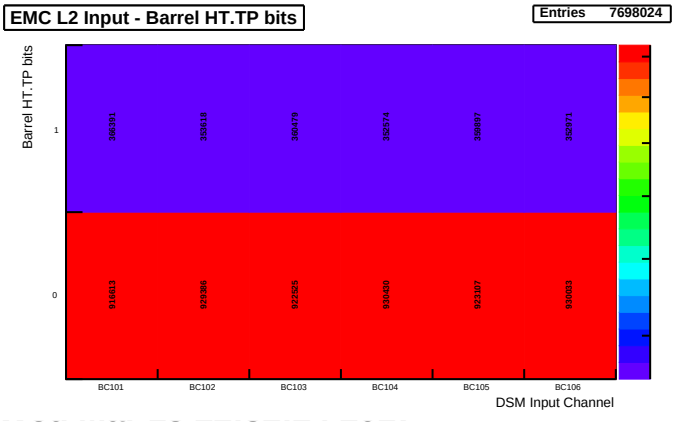

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

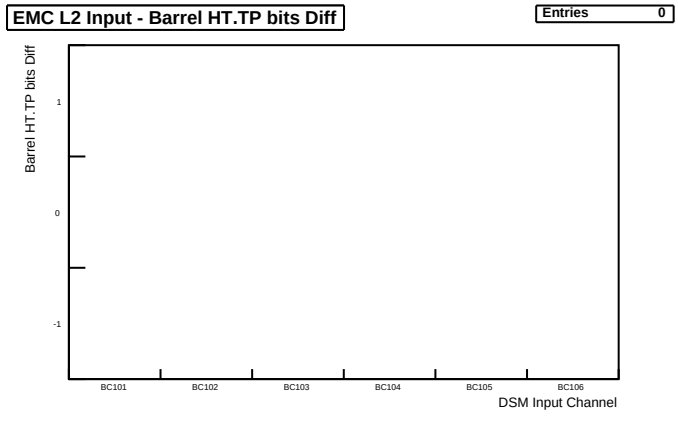

EMC L2 Input - BHT1 bits
Entries 7698024
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

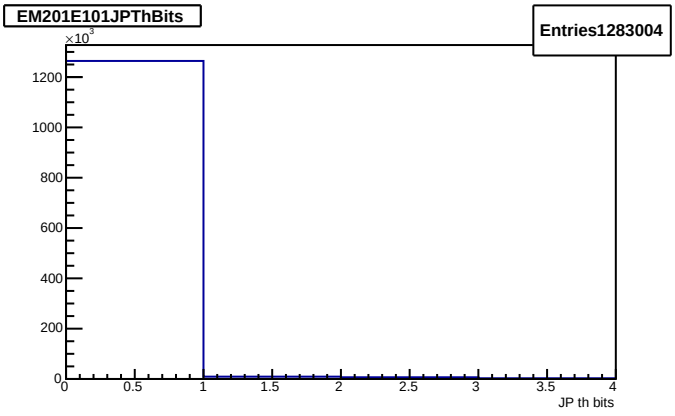

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

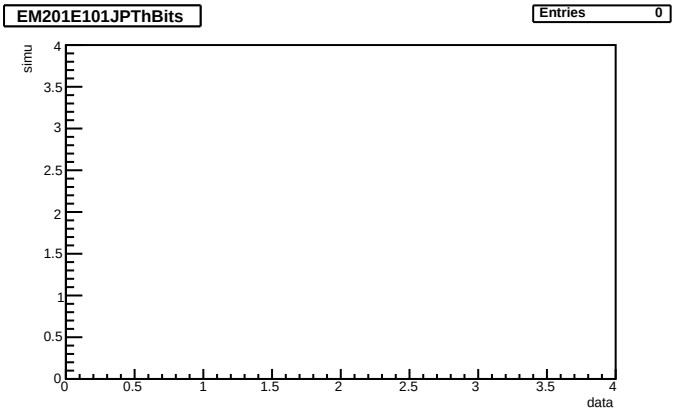

EMC L2 Input - BHT2 bits
Entries 7698024
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

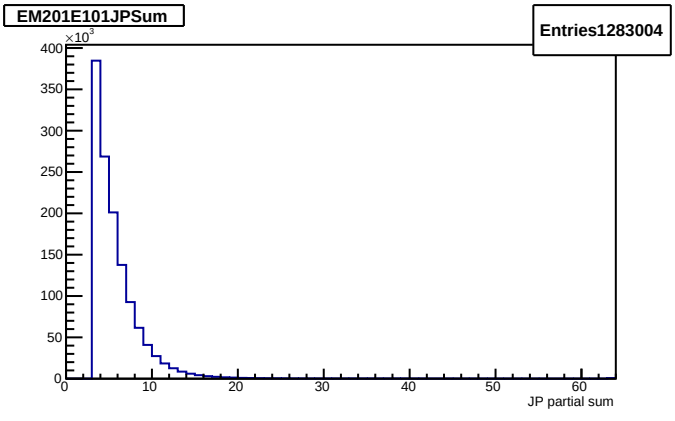

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

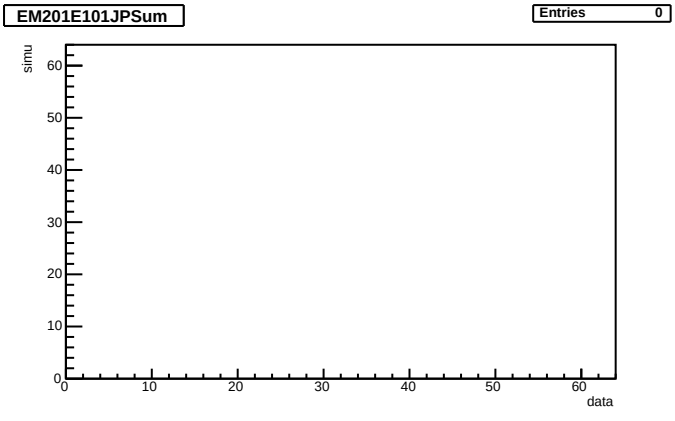

EMC L2 Input - Barrel HT.TP bits
Entries 7698024
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

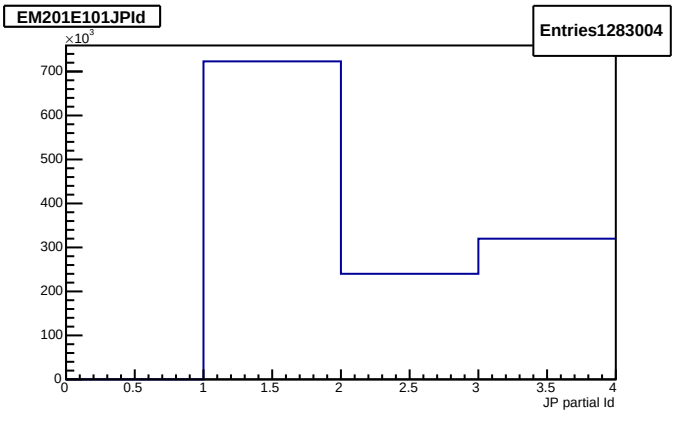

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

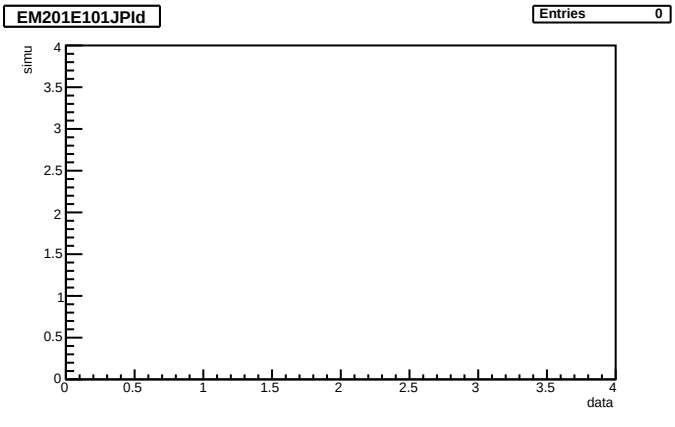

EM201E101JPThBits
Entries1283004
×10^3
JP th bits

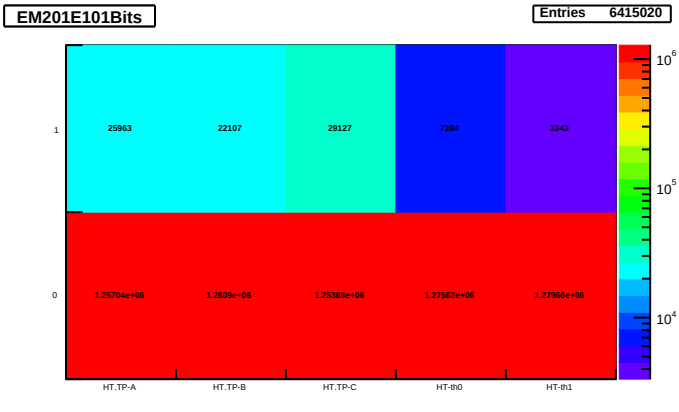

EM201E101JPThBits
Entries 0
simu
data

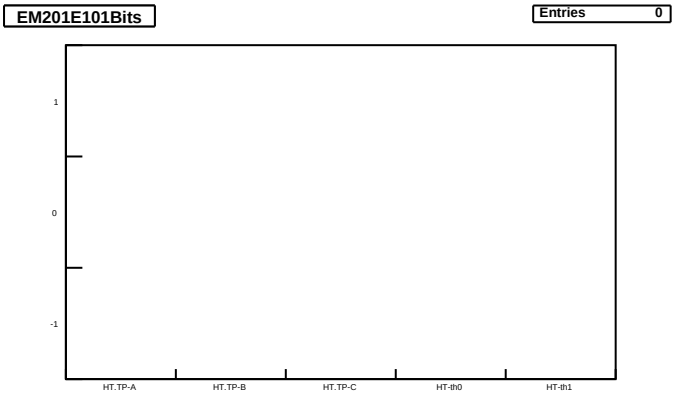

EM201E101JPSum
Entries1283004
×10^3
JP partial sum

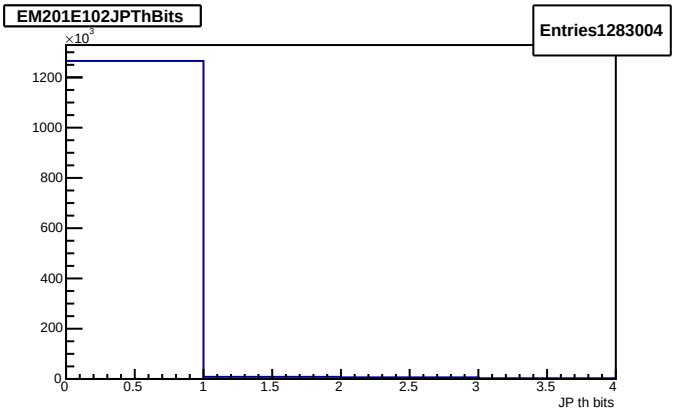

EM201E101JPSum
Entries 0
simu
data

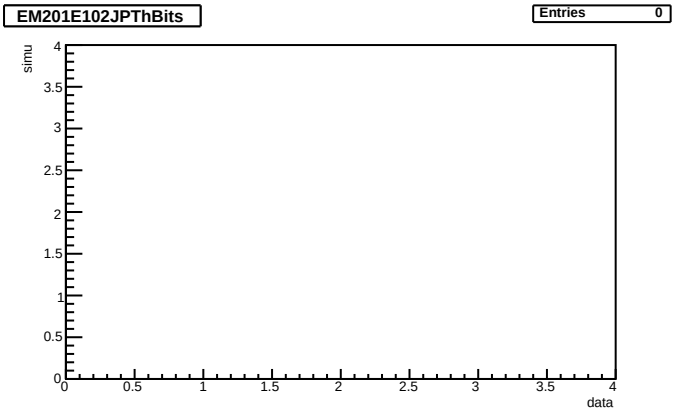

EM201E101JPId
Entries1283004
×10^3
JP partial Id

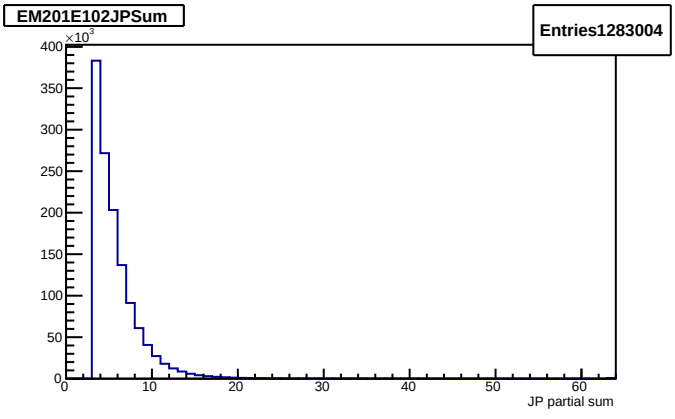

EM201E101JPId
Entries 0
simu
data

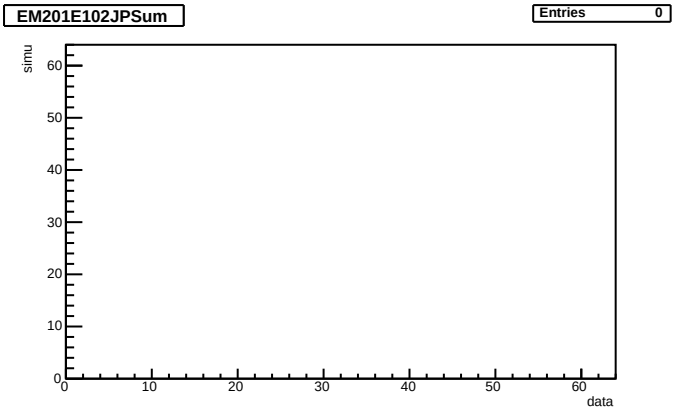

EM201E101Bits
Entries 6415020
25963
22107
29127
7384
3343
1.25704e+06
1.2609e+06
1.25388e+06
1.27562e+06
1.27966e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

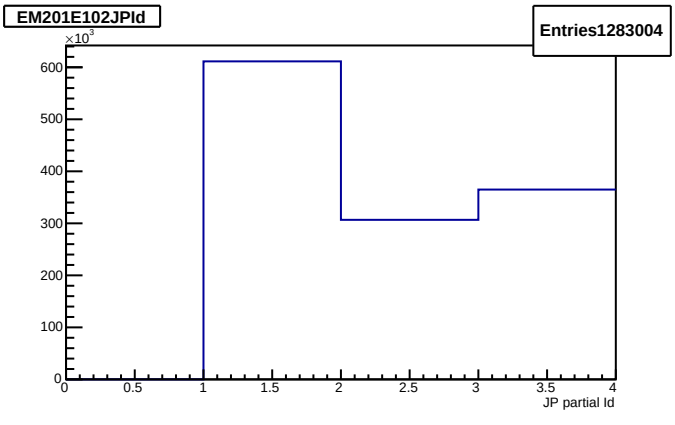

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

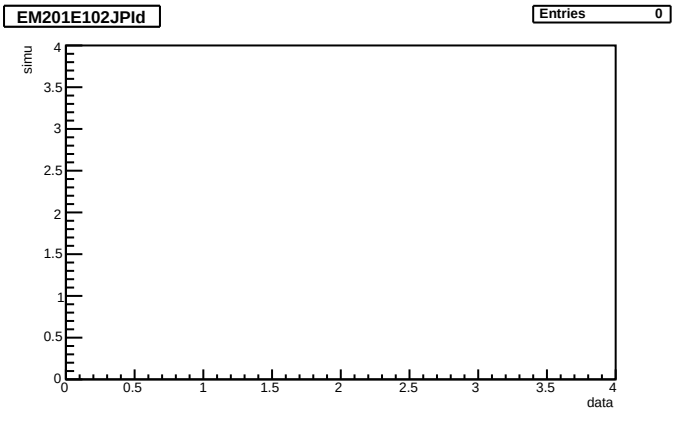

EM201E102JPThBits
Entries1283004
×10^3
JP th bits

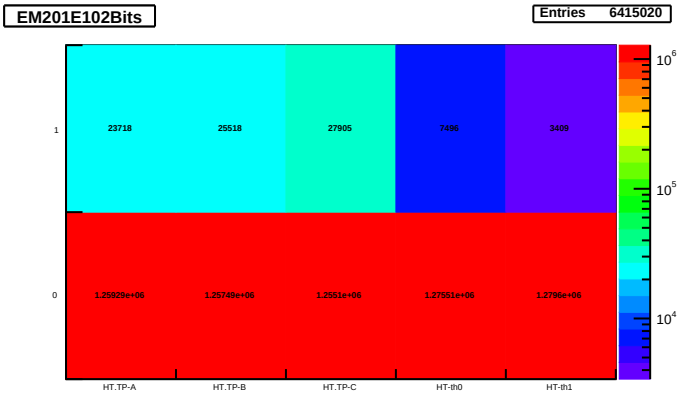

EM201E102JPThBits
Entries 0
simu
data

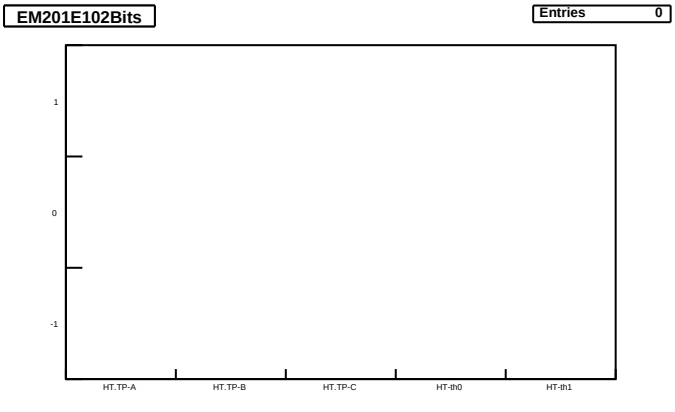

EM201E102JPSum
Entries1283004
×10^3
JP partial sum

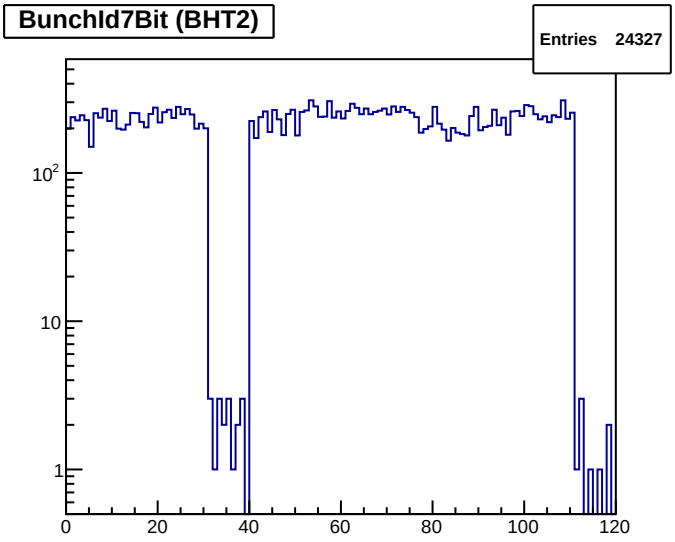

EM201E102JPSum
Entries 0
simu
data

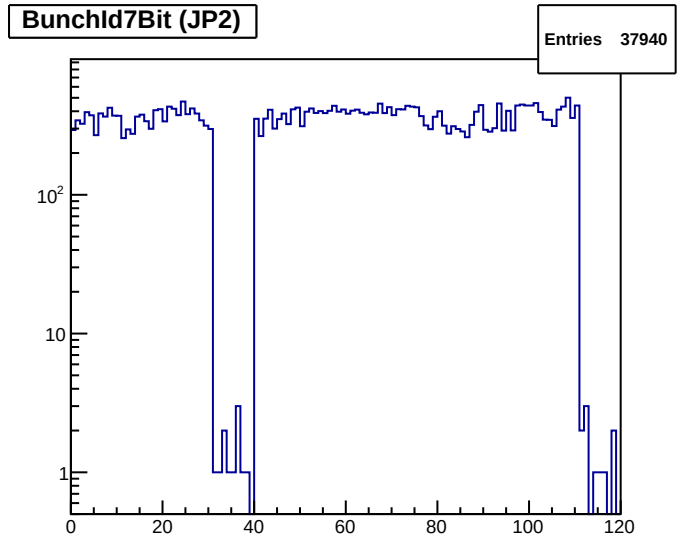

EM201E102JPId
Entries1283004
×10^3
JP partial Id

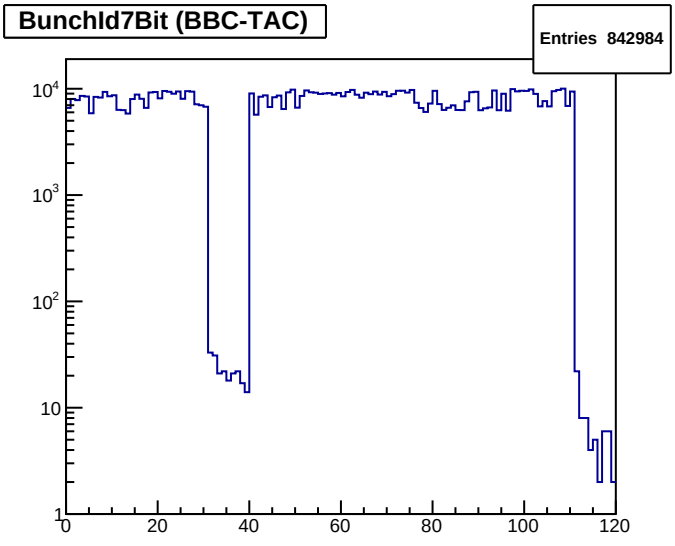

EM201E102JPId
Entries 0
simu
data

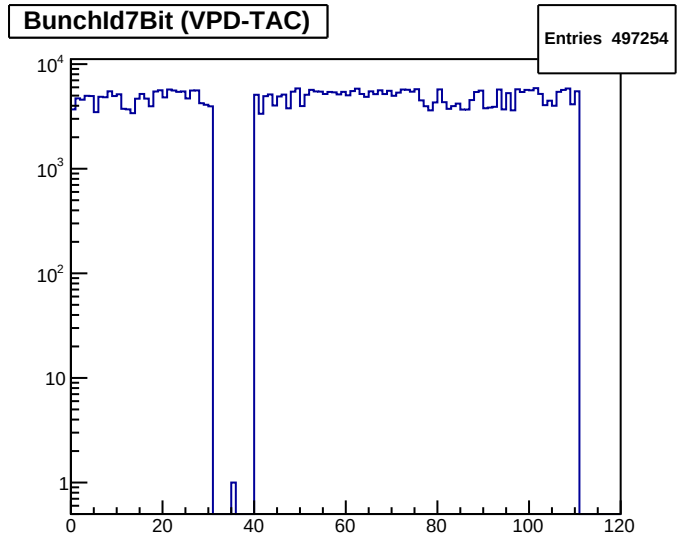

EM201E102Bits
Entries 6415020
23718
25518
27905
7498
3409
1.25929e+06
1.25749e+06
1.2551e+06
1.27551e+06
1.2796e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

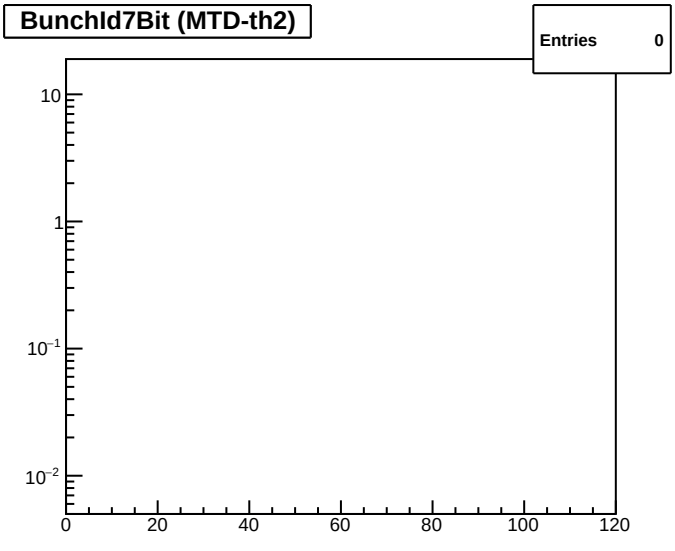

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

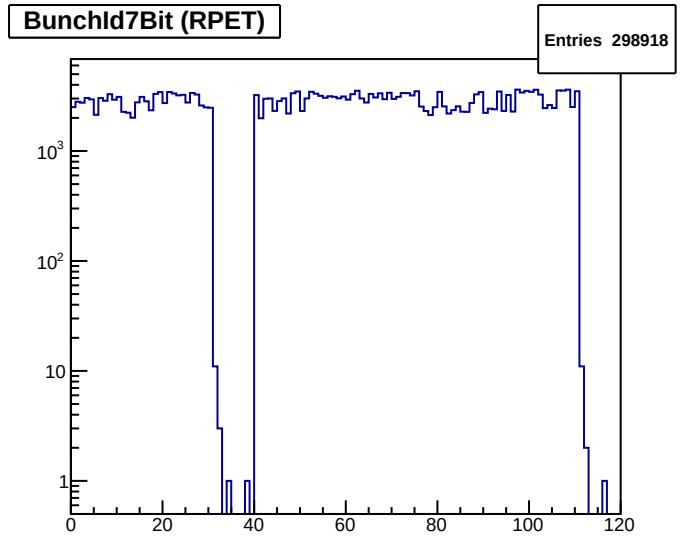

BunchId7Bit (BHT2)
Entries 24327

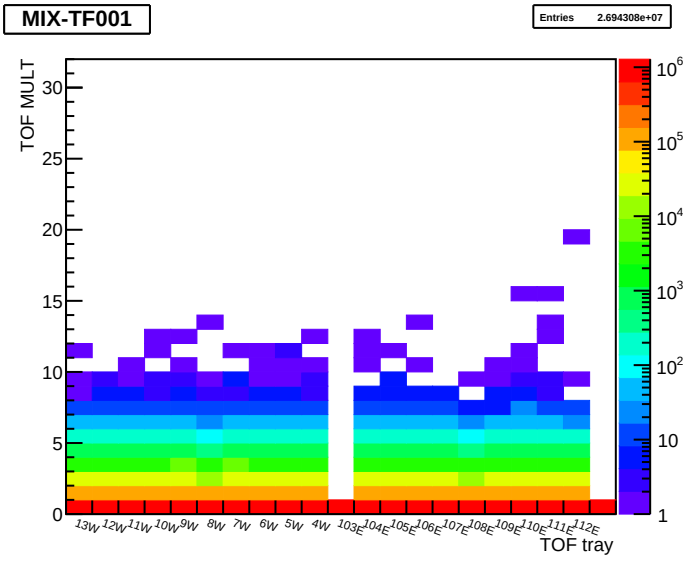

BunchId7Bit (JP2)
Entries 37940

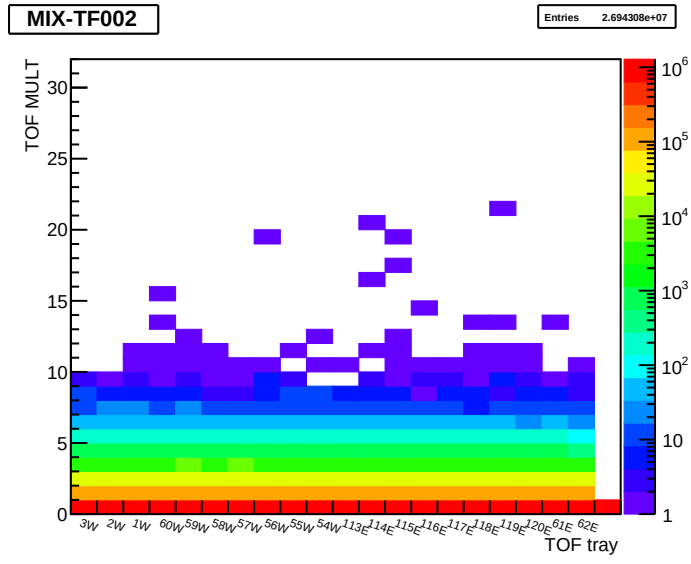

BunchId7Bit (BBC-TAC)
Entries 842984

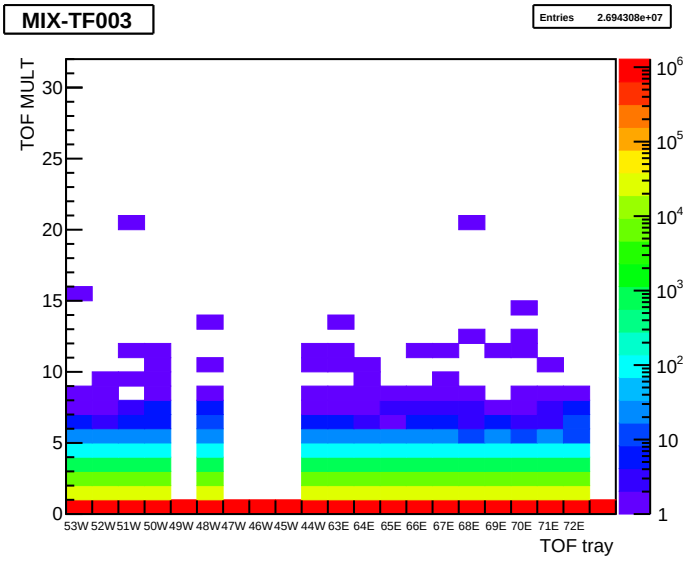

BunchId7Bit (VPD-TAC)
Entries 497254

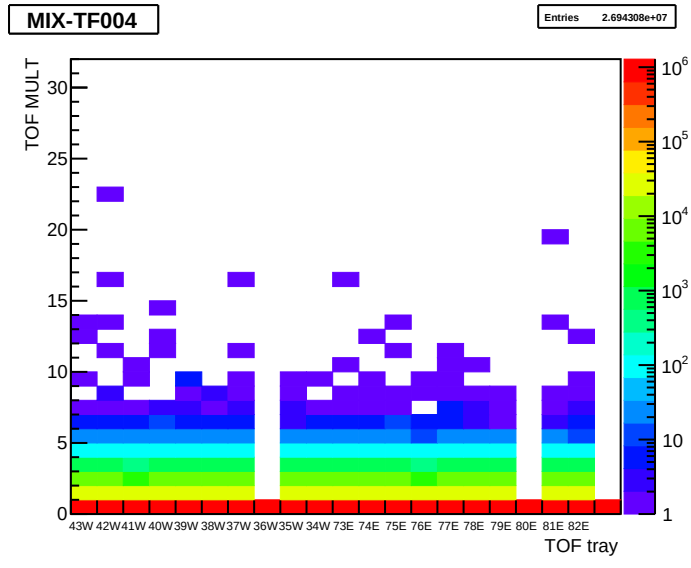

BunchId7Bit (MTD-th2)
Entries 0

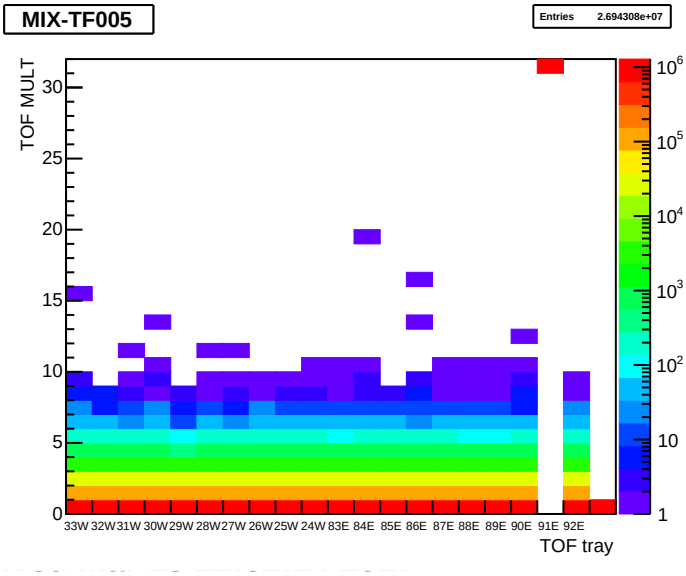

BunchId7Bit (RPET)
Entries 298918

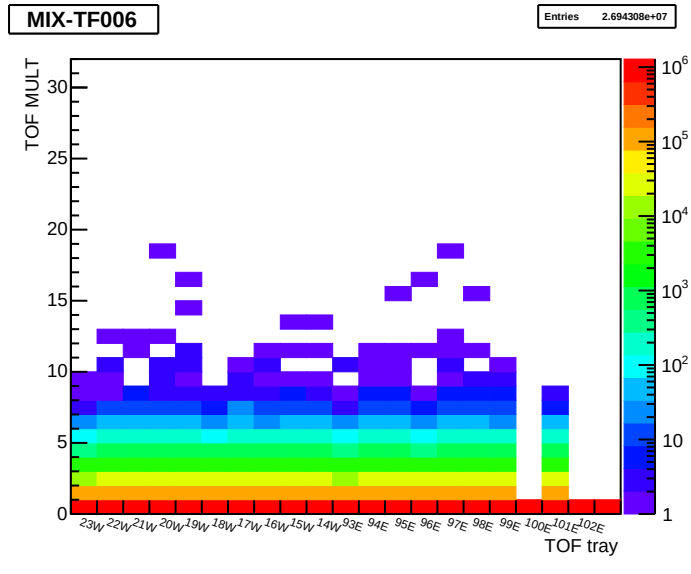

MIX-TF001
Entries 2.694308e+07
TOF MULT
TOF tray

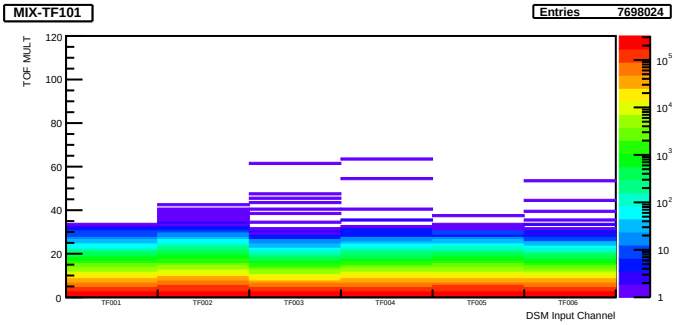

MIX-TF002
Entries 2.694308e+07
TOF MULT
TOF tray

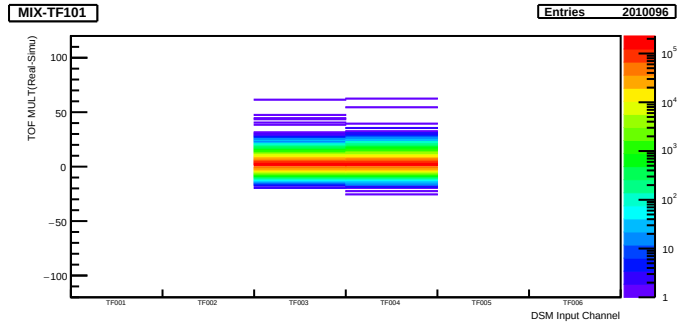

MIX-TF003
Entries 2.694308e+07
TOF MULT
TOF tray

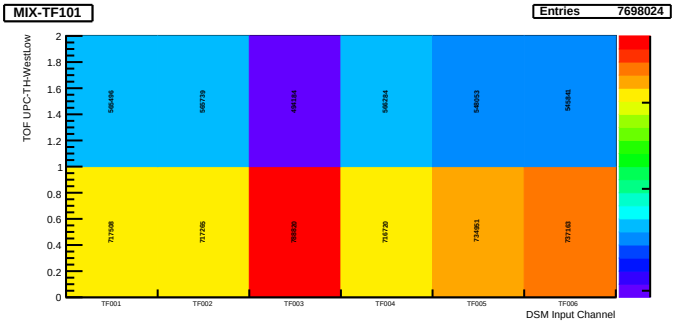

MIX-TF004
Entries 2.694308e+07
TOF MULT
TOF tray

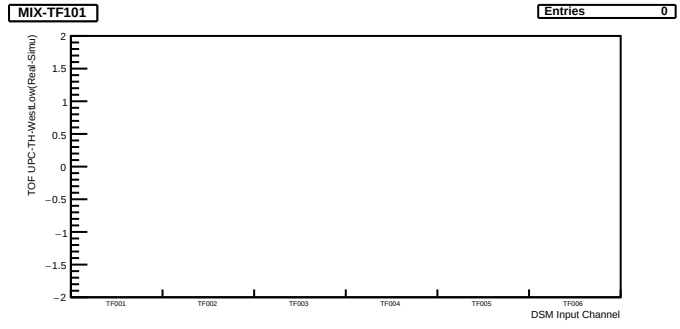

MIX-TF005
Entries 2.694308e+07
TOF MULT
TOF tray

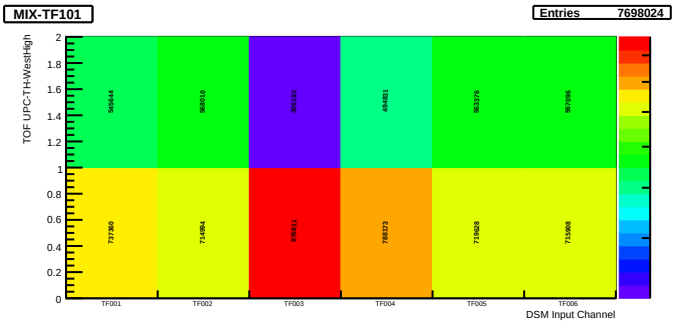

MIX-TF006
Entries 2.694308e+07
TOF MULT
TOF tray

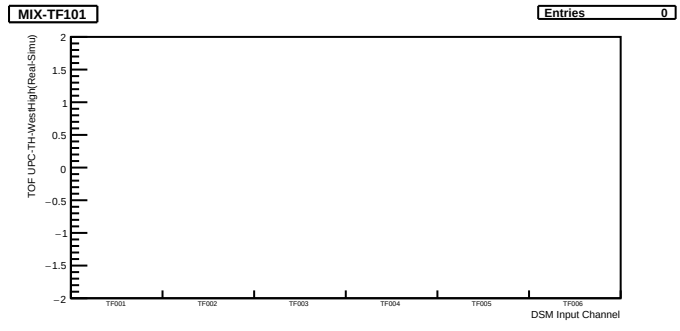

MIX-TF101
Entries 7698024
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

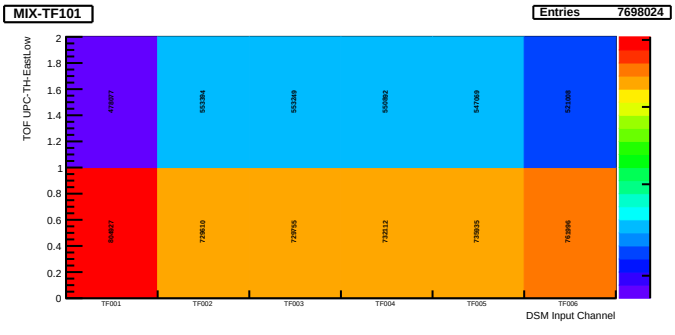

MIX-TF101
Entries 2010096
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

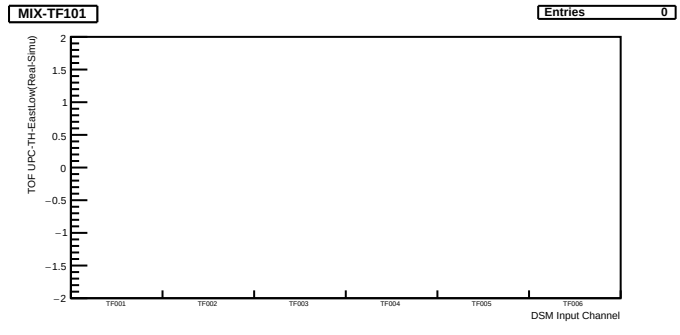

MIX-TF101
Entries 7698024
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

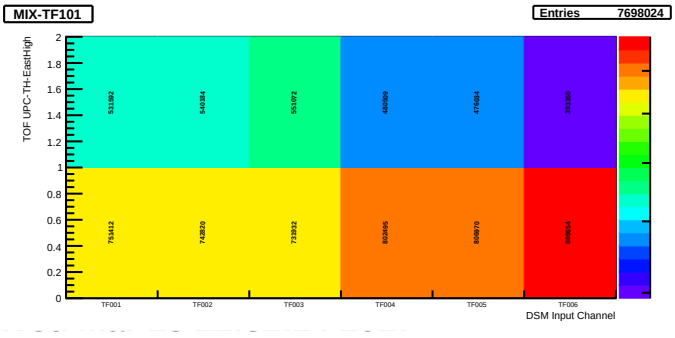

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

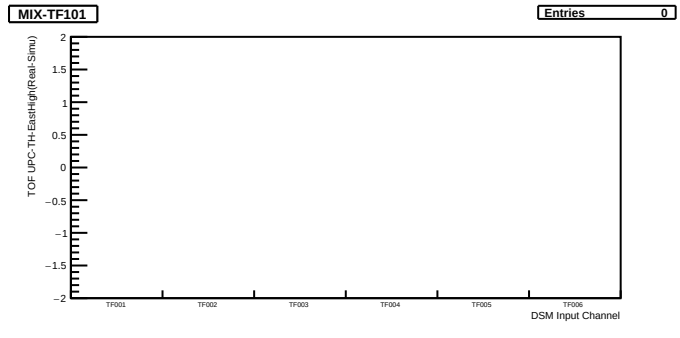

MIX-TF101
Entries 7698024
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

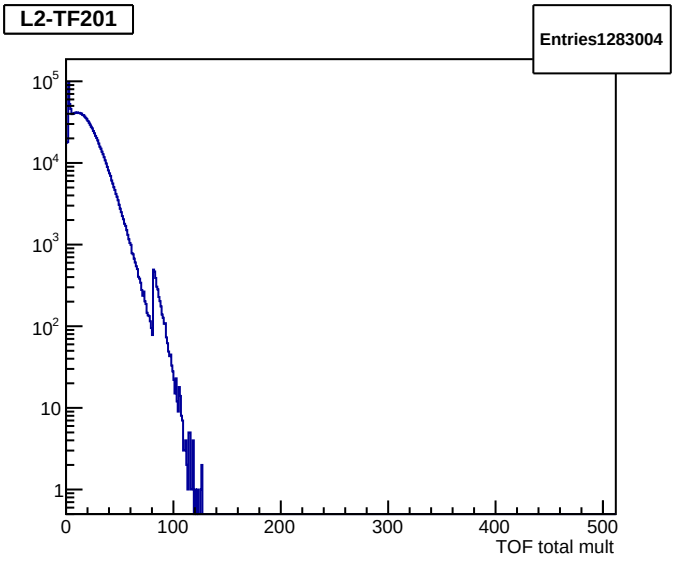

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

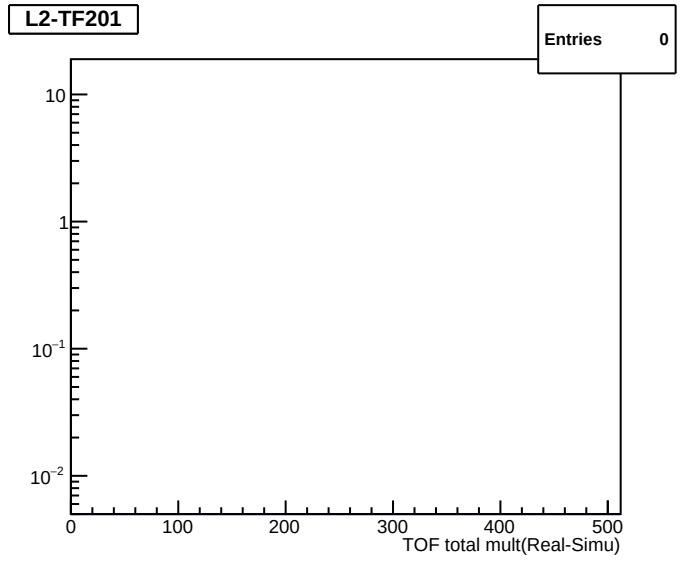

MIX-TF101
Entries 7698024
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

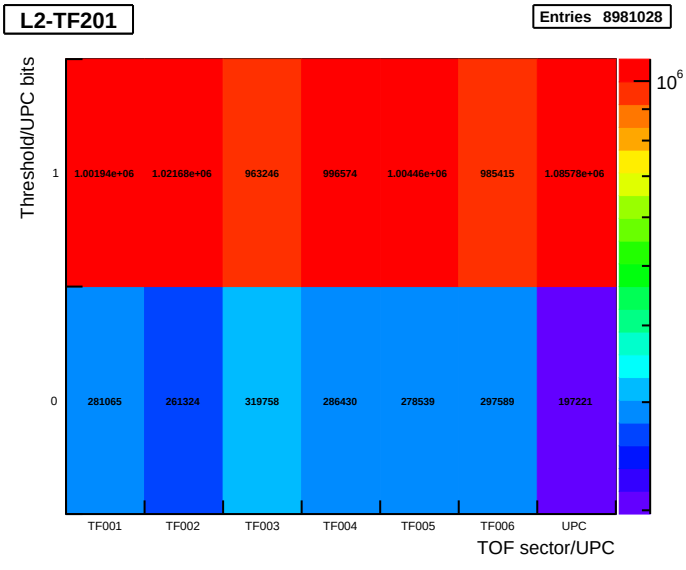

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

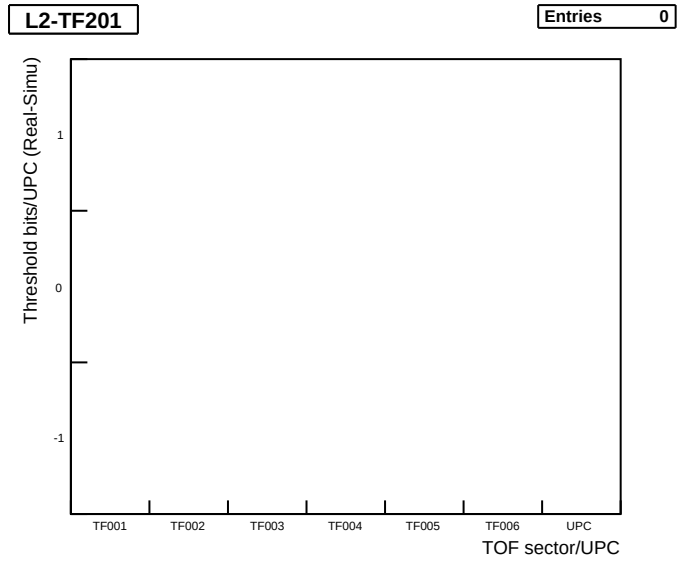

MIX-TF101
Entries 7698024
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

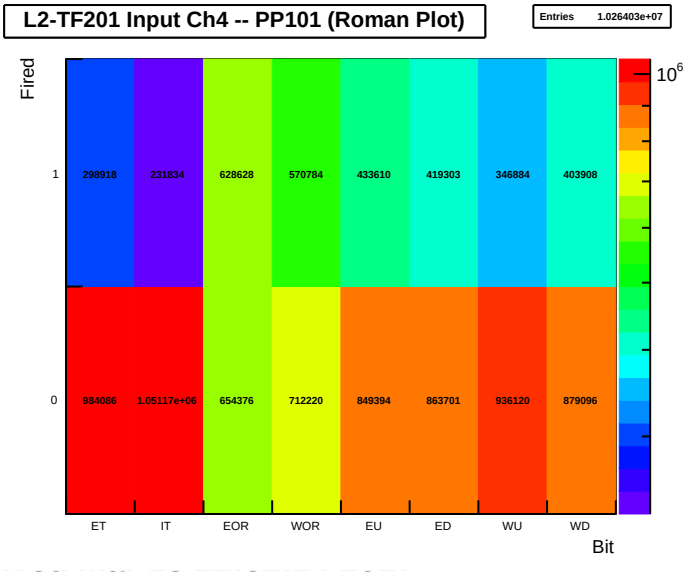

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

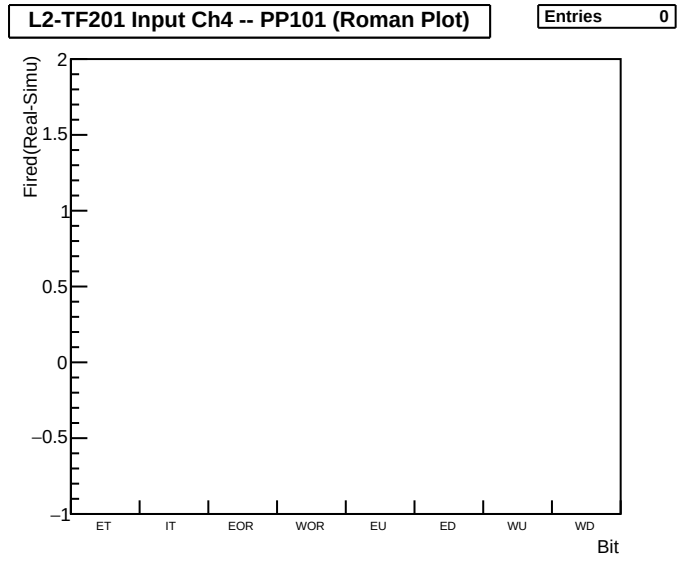

L2-TF201
Entries1283004
TOF total mult

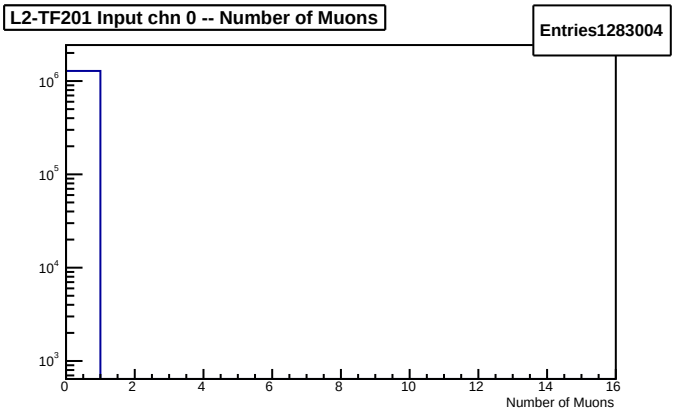

L2-TF201
Entries 0
TOF total mult(Real-Simu)

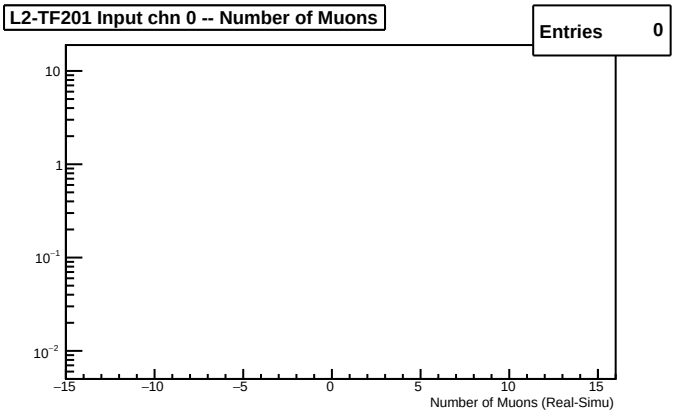

L2-TF201
Entries 8981028
Threshold/UPC bits
1.00194e+06
1.02168e+06
963246
996574
1.00446e+06
985415
1.08578e+06
281065
261324
319758
286430
278539
297589
197221
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

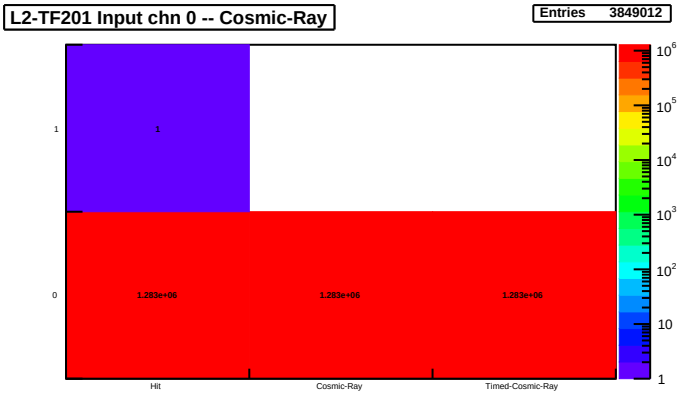

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

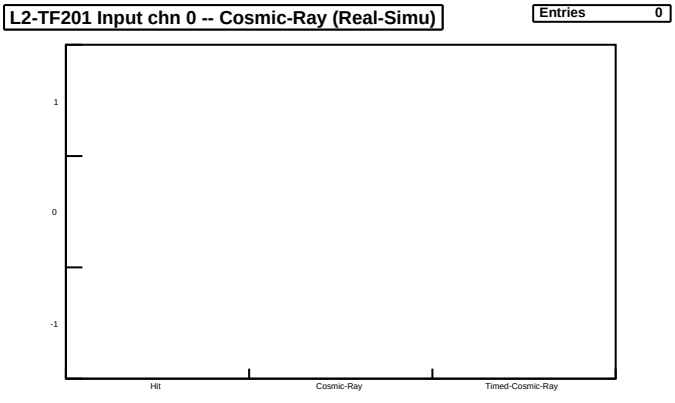

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.026403e+07
Fired
298918
231834
628628
570784
433610
419303
346884
403908
984086
1.05117e+06
654376
712220
849394
863701
936120
879096
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

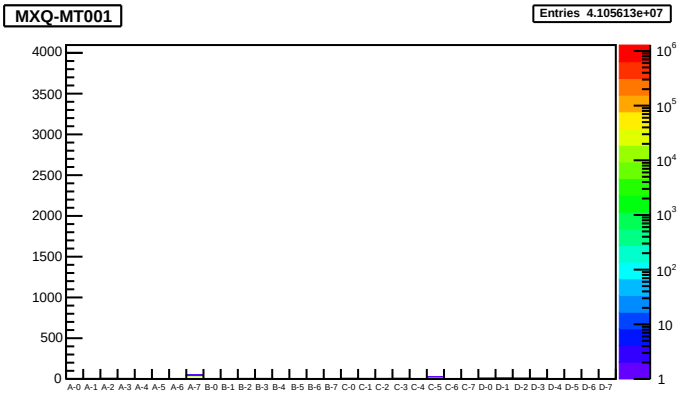

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

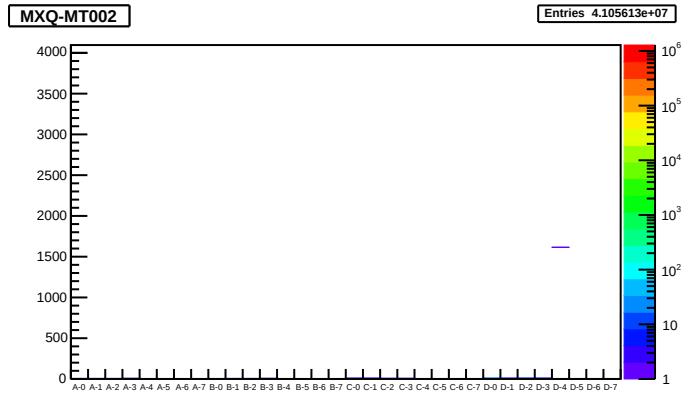

L2-TF201 Input chn 0 -- Number of Muons
Entries1283004
Number of Muons

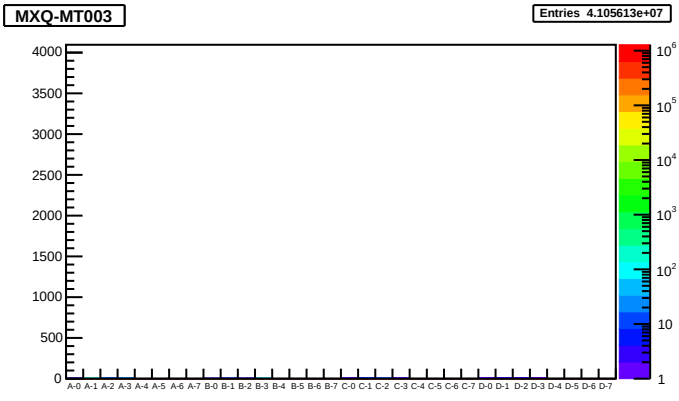

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

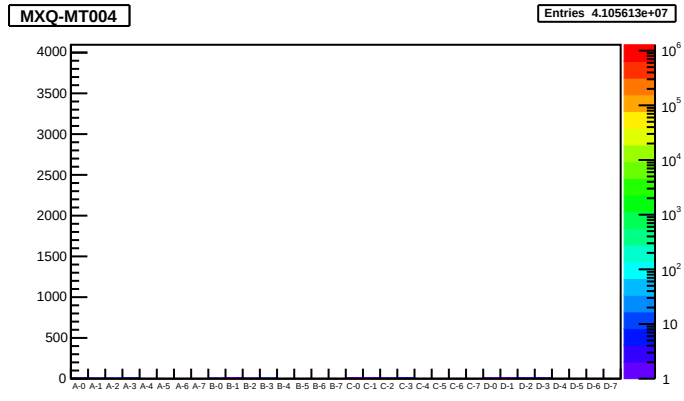

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3849012
1
1.283e+06
1.283e+06
1.283e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

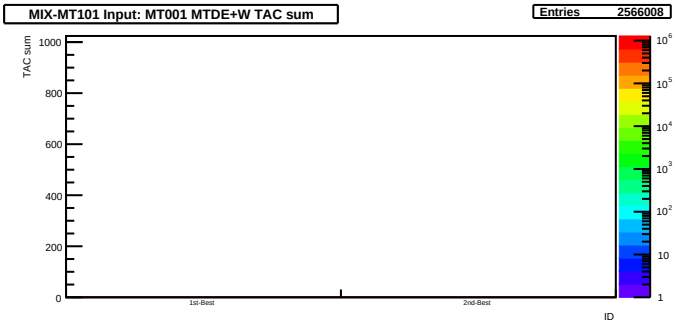

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

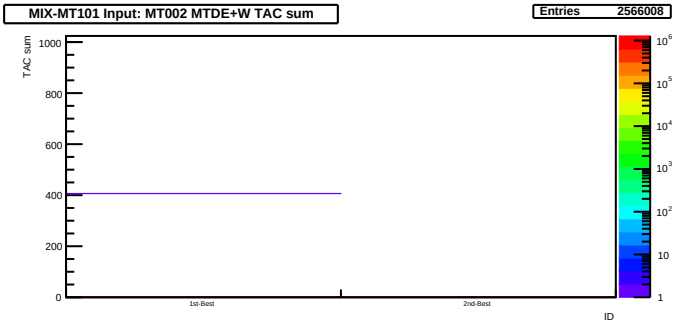

MXQ-MT001
Entries 4.105613e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

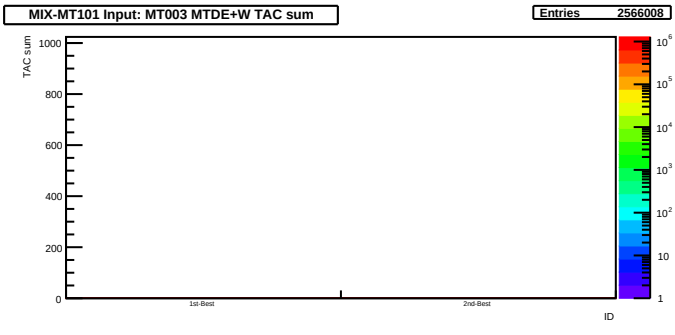

MXQ-MT002
Entries 4.105613e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

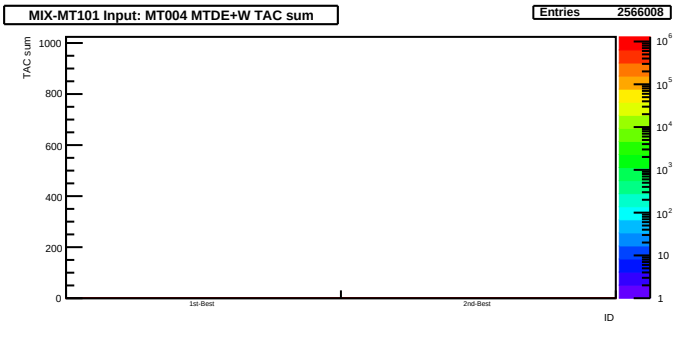

MXQ-MT003
Entries 4.105613e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

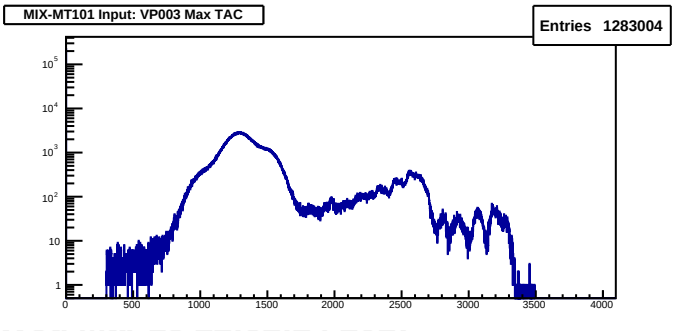

MXQ-MT004
Entries 4.105613e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

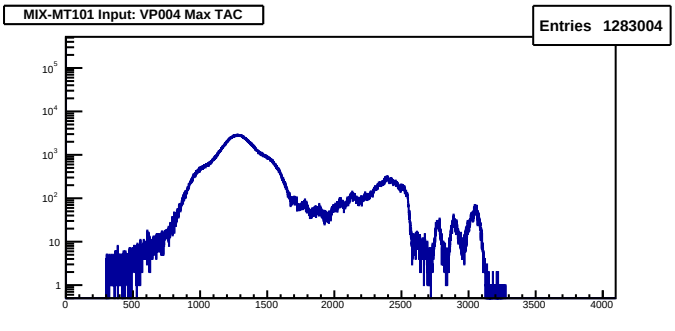

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2566008
TAC sum
1st-Best
2nd-Best
ID

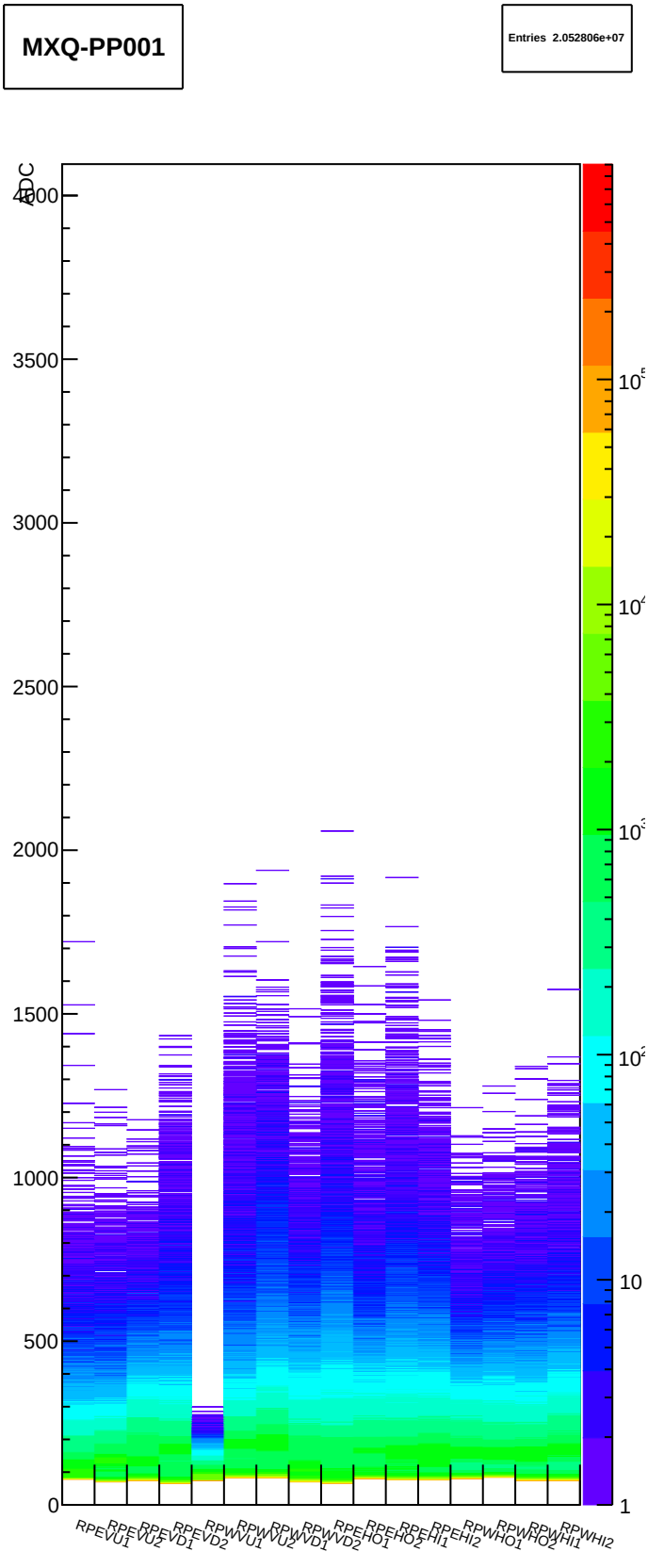

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2566008
TAC sum
1st-Best
2nd-Best
ID

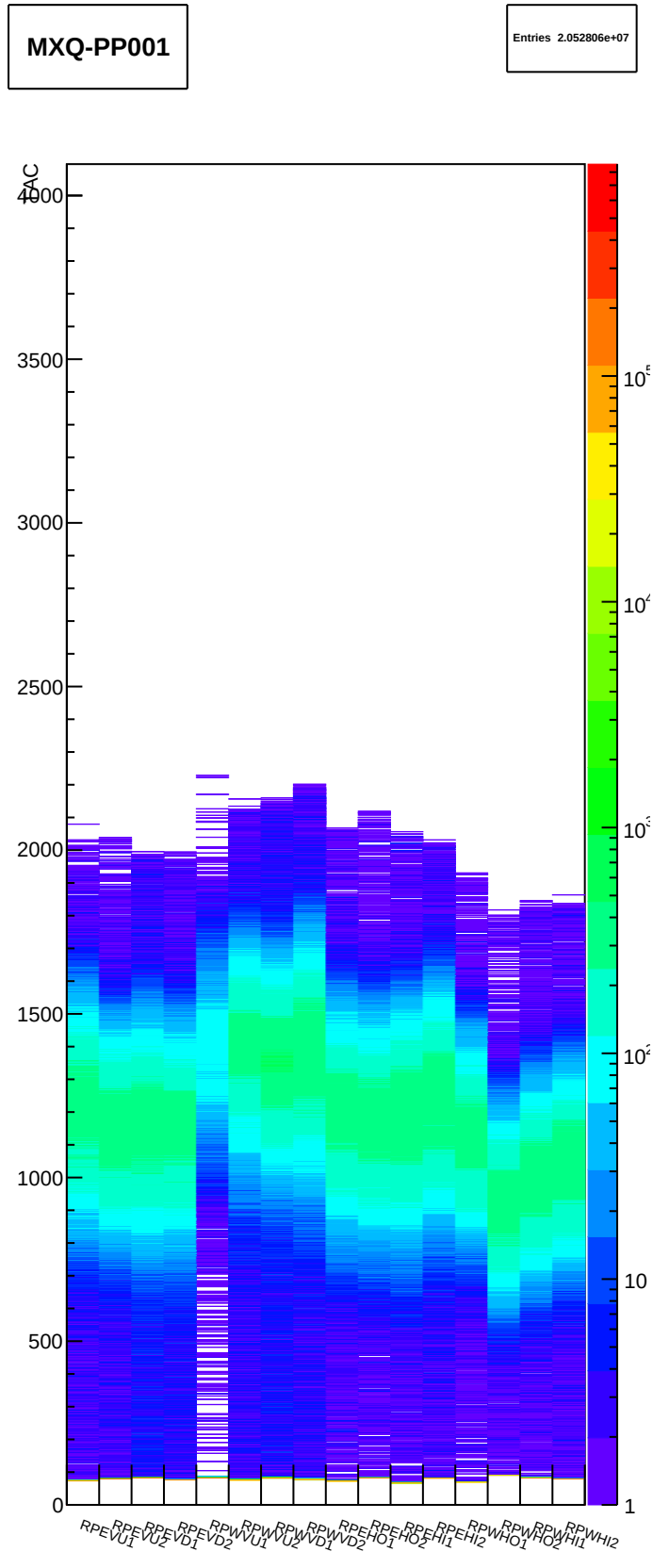

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2566008
TAC sum
1st-Best
2nd-Best
ID

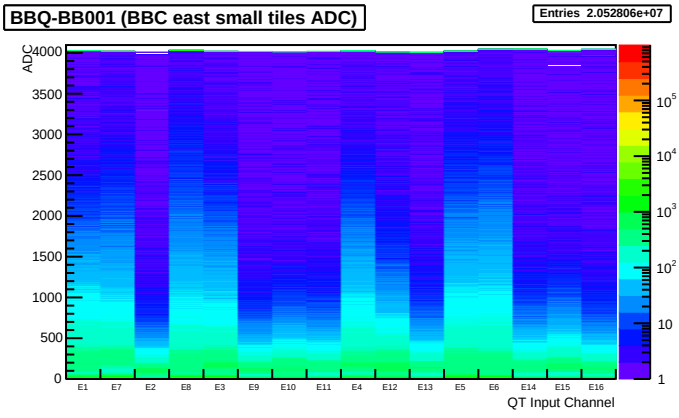

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2566008
TAC sum
1st-Best
2nd-Best
ID

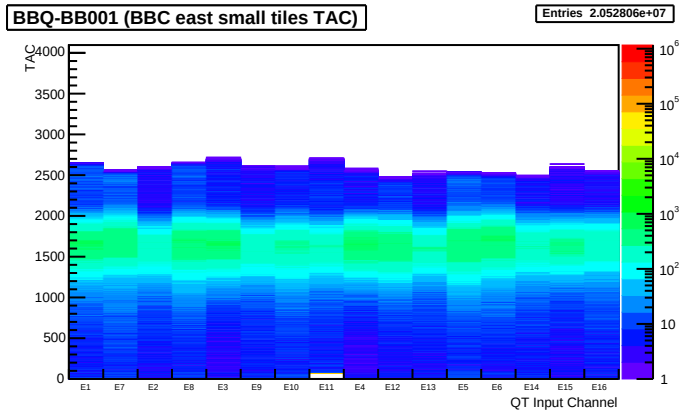

MIX-MT101 Input: VP003 Max TAC
Entries 1283004

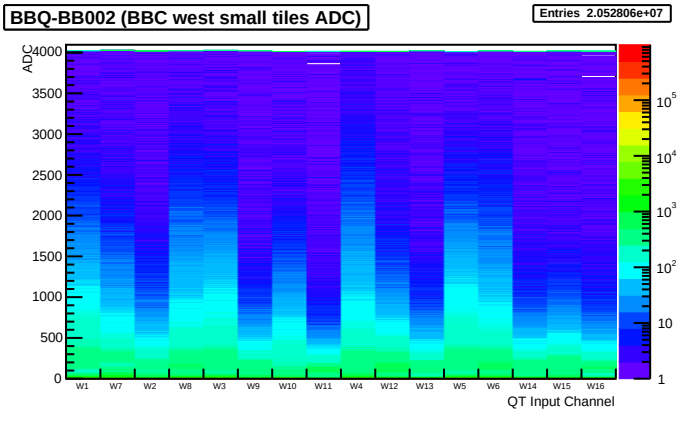

MIX-MT101 Input: VP004 Max TAC
Entries 1283004

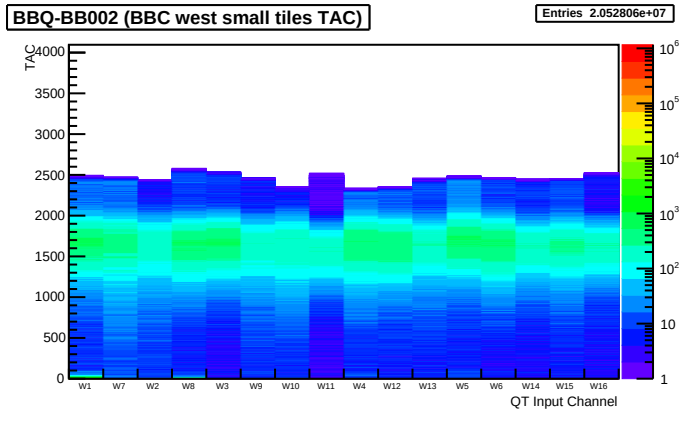

MXQ-PP001
Entries 2.052806e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

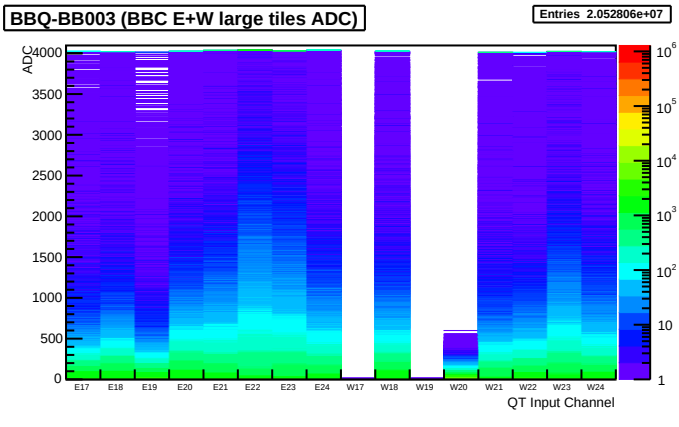

MXQ-PP001
Entries 2.052806e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

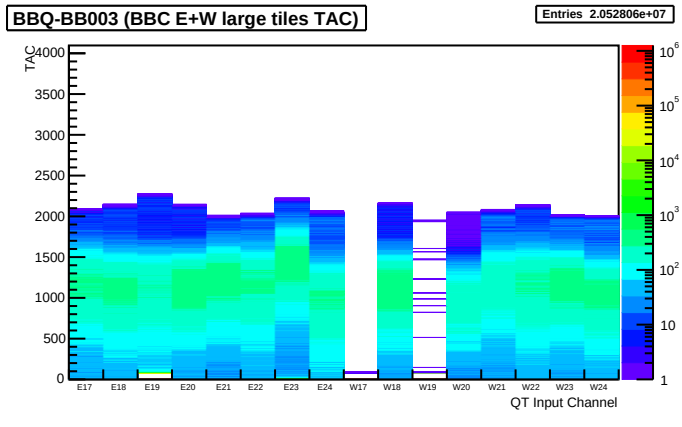

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.052806e+07
ADC
QT Input Channel

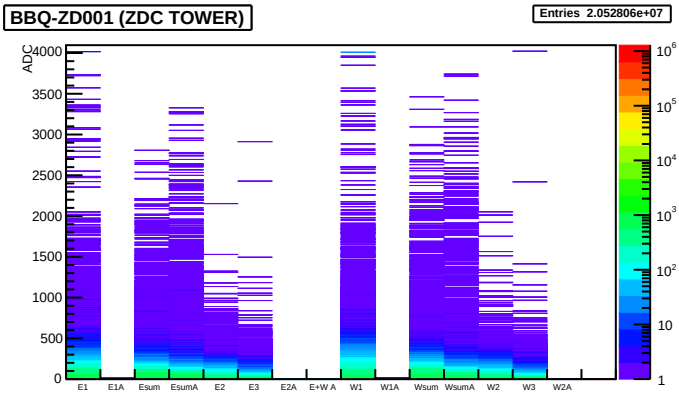

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.052806e+07
TAC
QT Input Channel

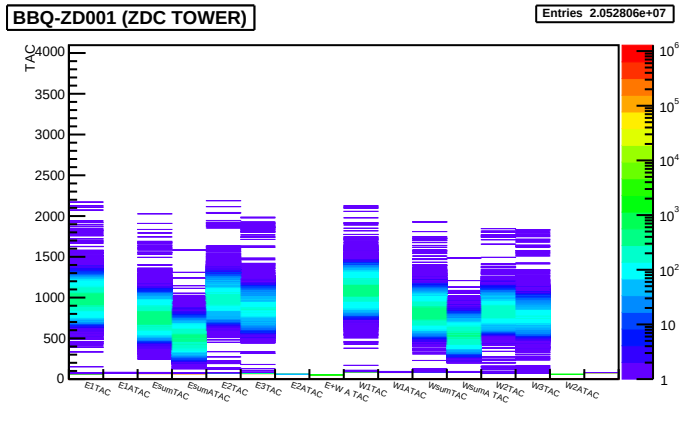

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.052806e+07
ADC
QT Input Channel

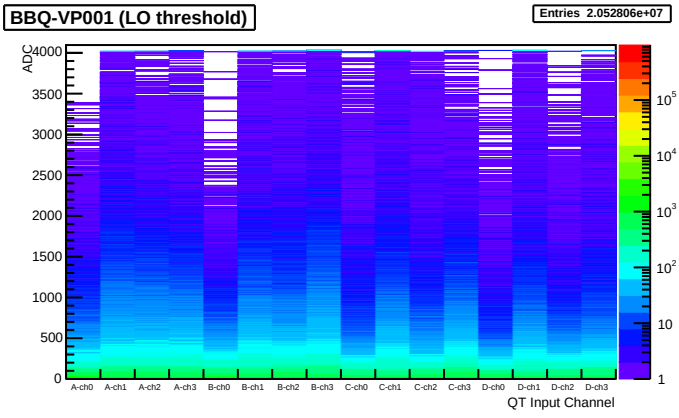

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.052806e+07
TAC
QT Input Channel

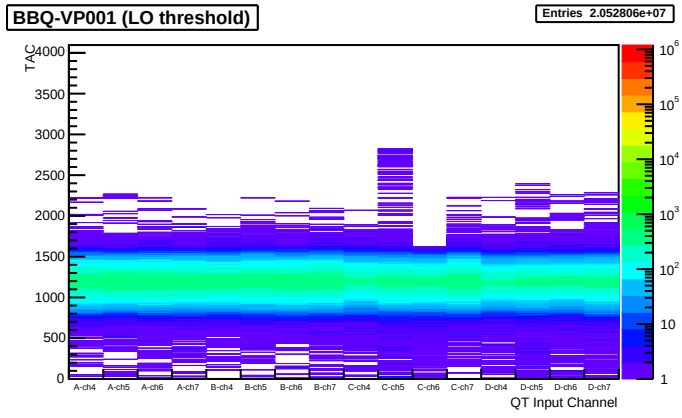

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.052806e+07
ADC
QT Input Channel

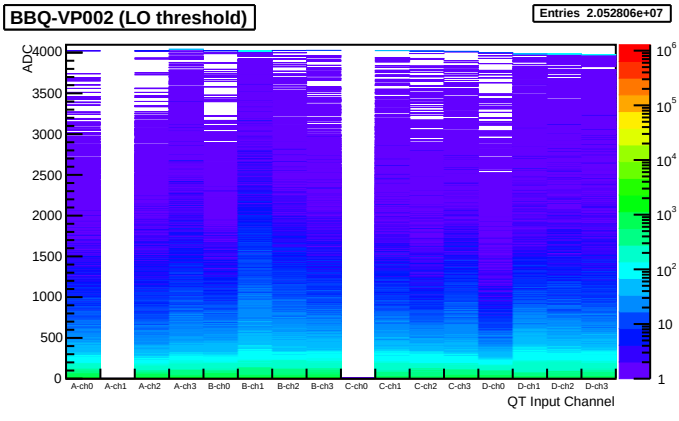

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.052806e+07
TAC
QT Input Channel

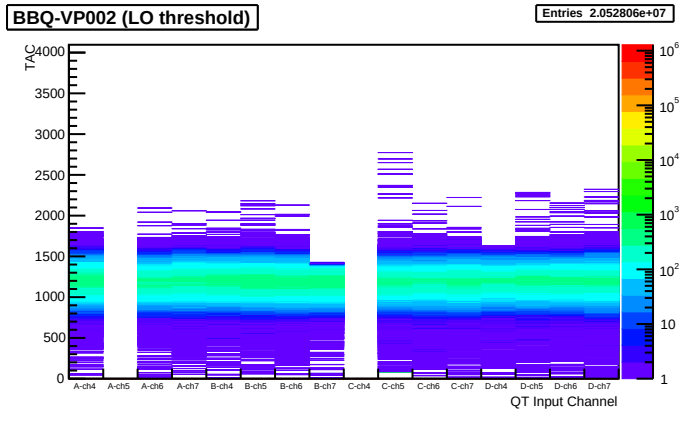

BBQ-ZD001 (ZDC TOWER)
Entries 2.052806e+07
ADC

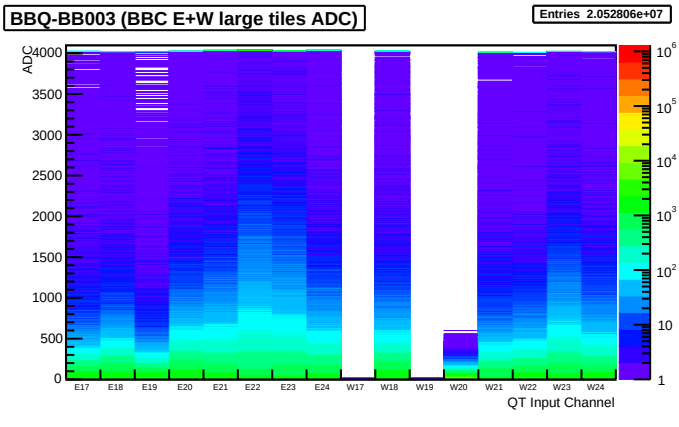

BBQ-ZD001 (ZDC TOWER)
Entries 2.052806e+07
TAC

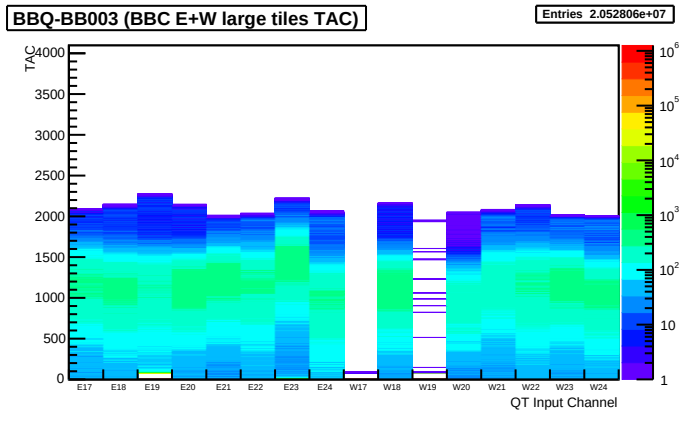

BBQ-VP001 (LO threshold)
Entries 2.052806e+07
ADC
QT Input Channel

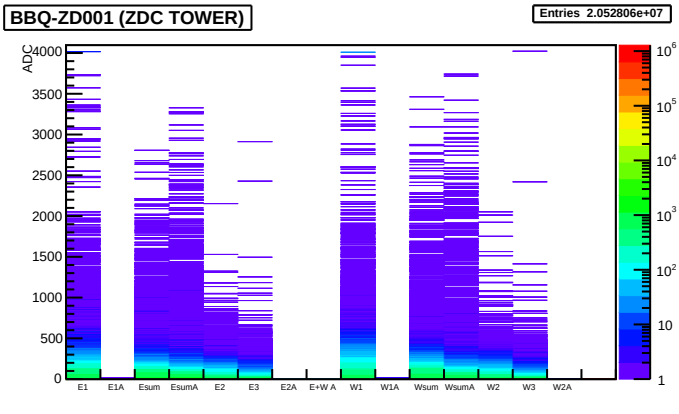

BBQ-VP001 (LO threshold)
Entries 2.052806e+07
TAC
QT Input Channel

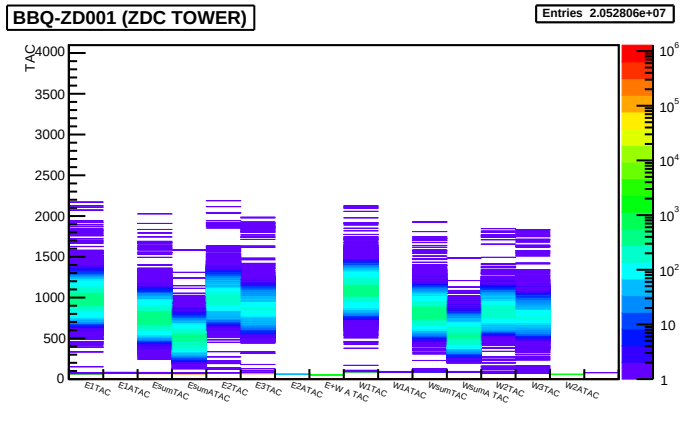

BBQ-VP002 (LO threshold)
Entries 2.052806e+07
ADC
QT Input Channel

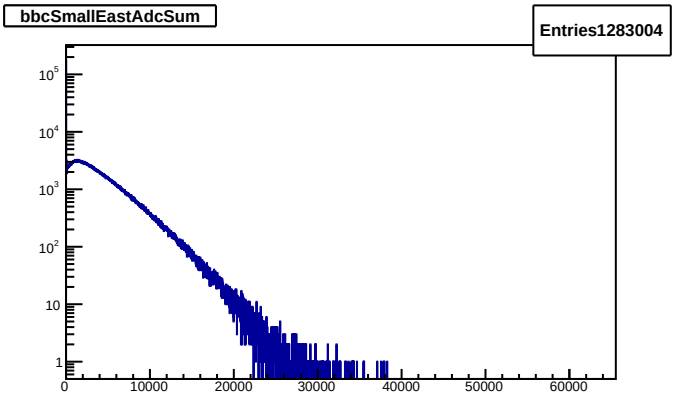

BBQ-VP002 (LO threshold)
Entries 2.052806e+07
TAC
QT Input Channel

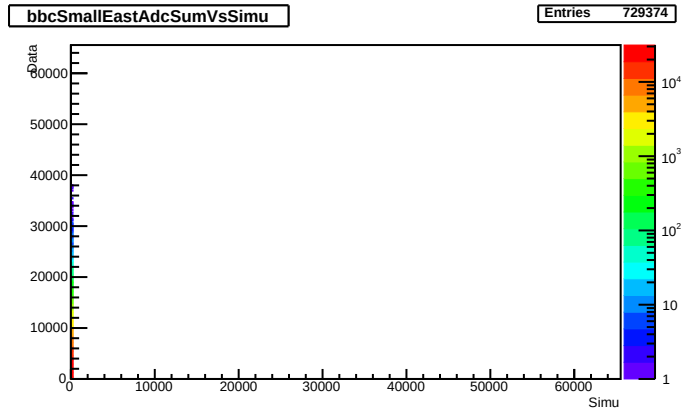

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.052806e+07
ADC
QT Input Channel

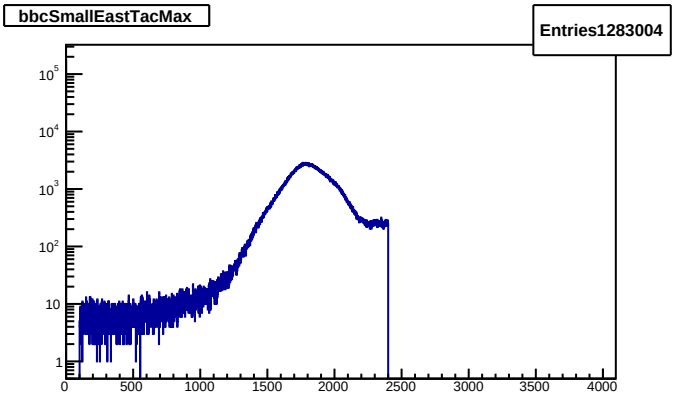

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.052806e+07
TAC
QT Input Channel

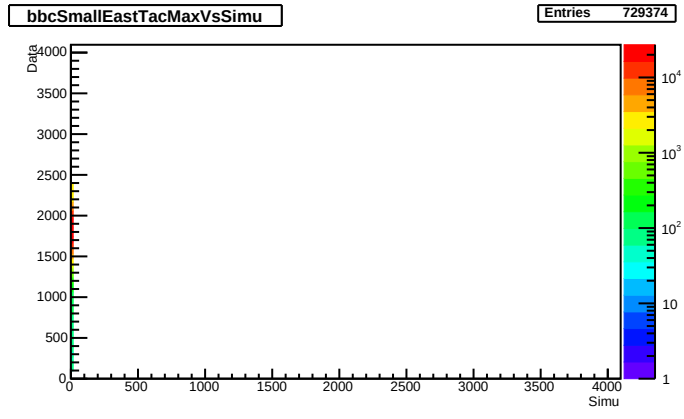

BBQ-ZD001 (ZDC TOWER)
Entries 2.052806e+07
ADC

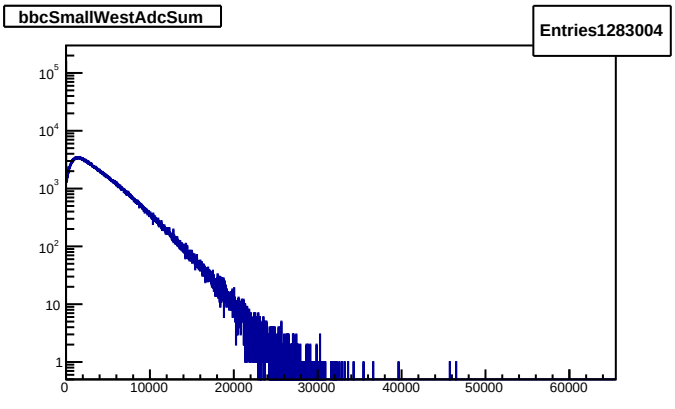

BBQ-ZD001 (ZDC TOWER)
Entries 2.052806e+07
TAC

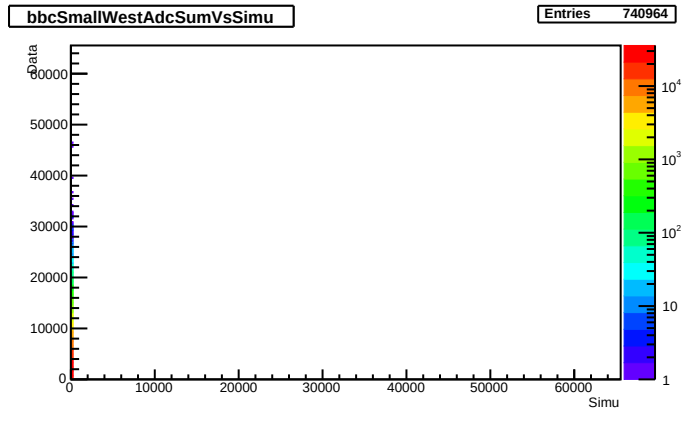

bbcSmallEastAdcSum
Entries1283004

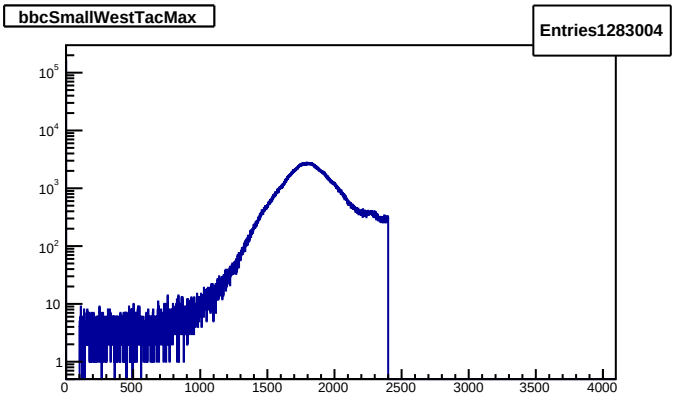

bbcSmallEastAdcSumVsSimu
Entries 729374
Data
Simu

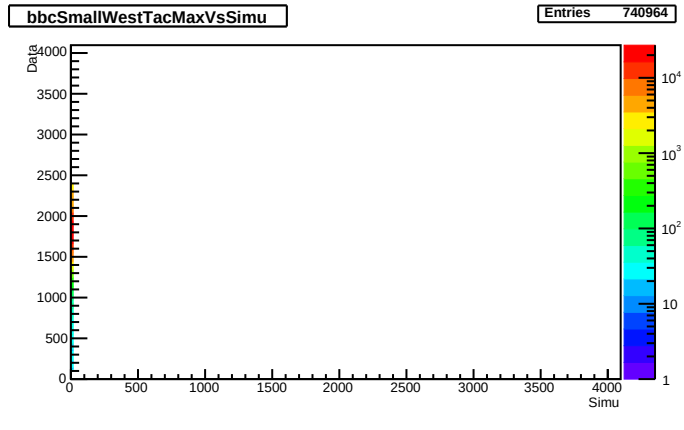

bbcSmallEastTacMax
Entries1283004

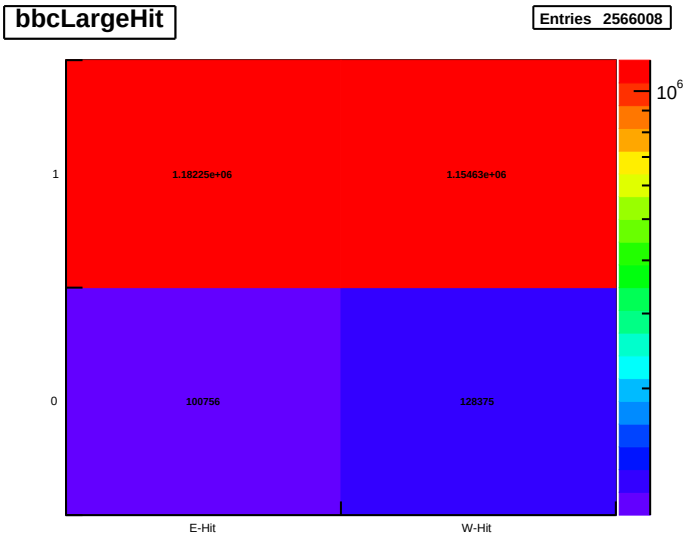

bbcSmallEastTacMaxVsSimu
Entries 729374
Data
Simu

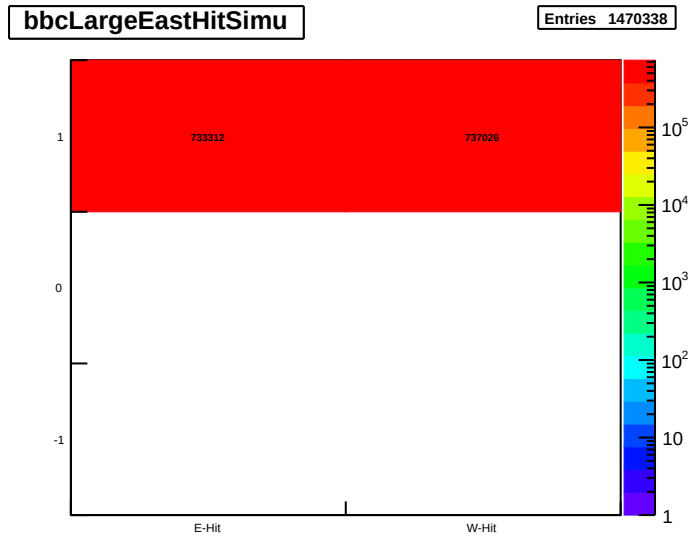

bbcSmallWestAdcSum
Entries1283004

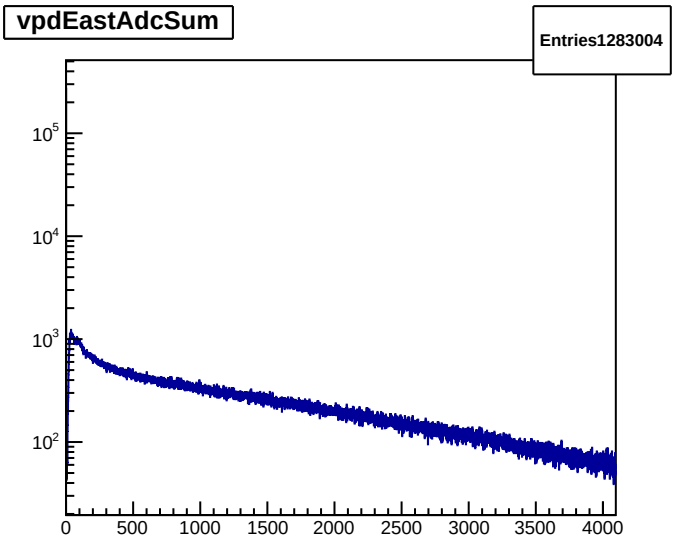

bbcSmallWestAdcSumVsSimu
Entries 740964
Data
Simu

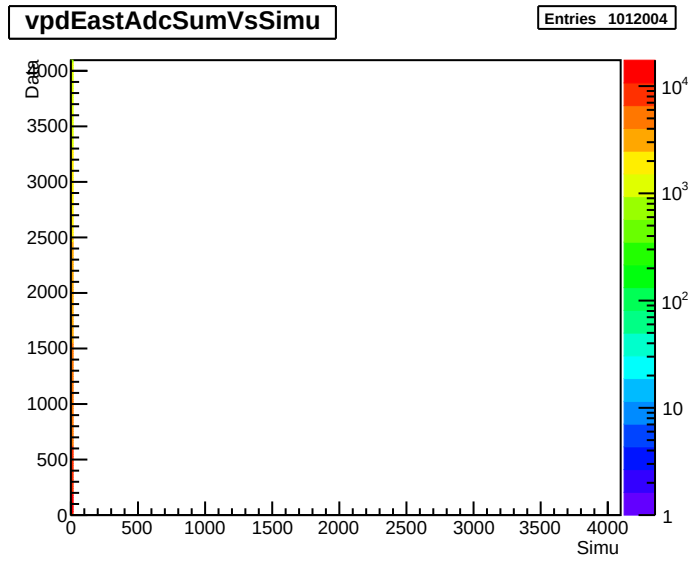

bbcSmallWestTacMax
Entries1283004

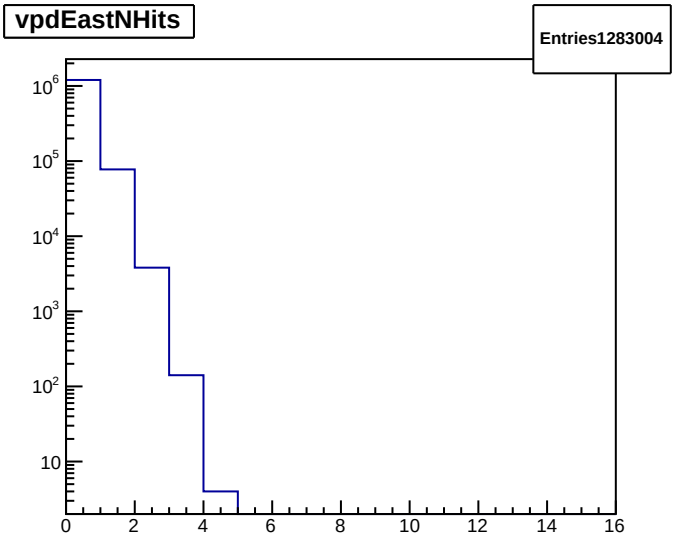

bbcSmallWestTacMaxVsSimu
Entries 740964
Data
Simu

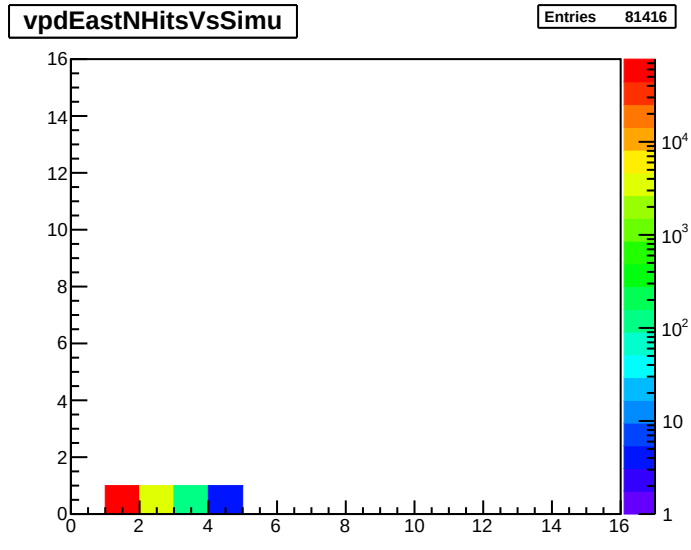

bbcLargeHit
Entries 2566008
1.18225e+06
1.15463e+06
100756
128375
1
0
E-Hit
W-Hit
10^6

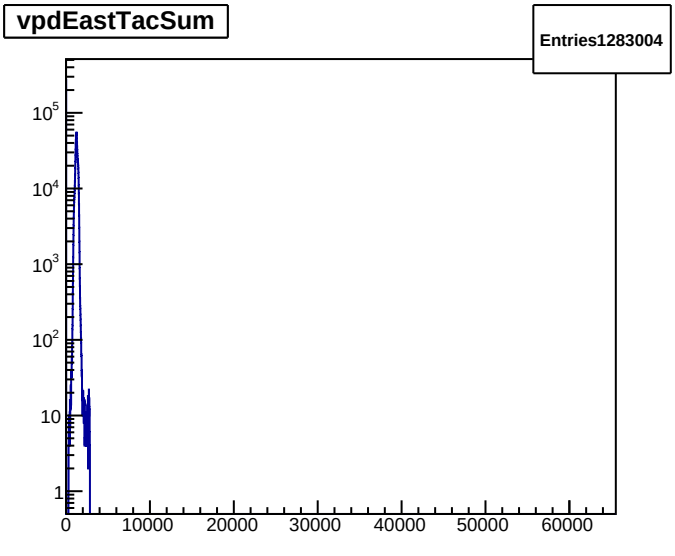

bbcLargeEastHitSimu
Entries 1470338
733312
737026
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

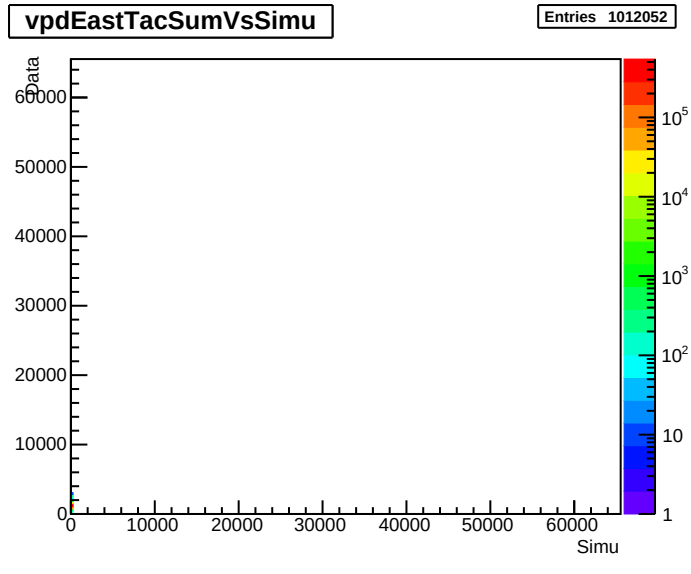

vpdEastAdcSum
Entries1283004

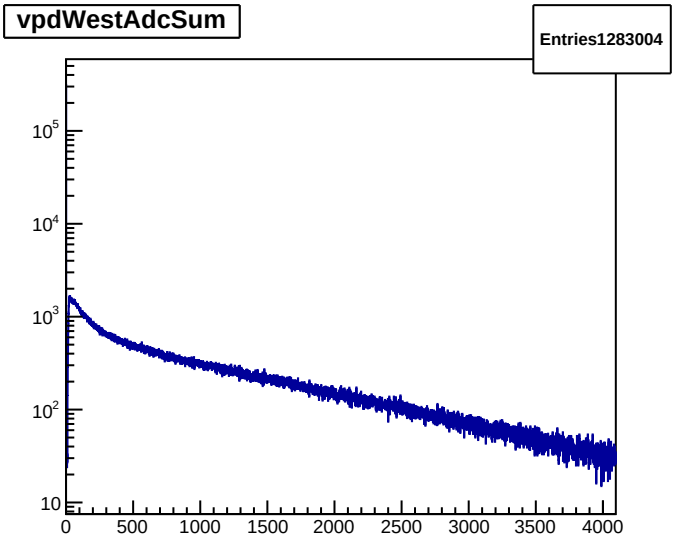

vpdEastAdcSumVsSimu
Entries 1012004
Data
Simu

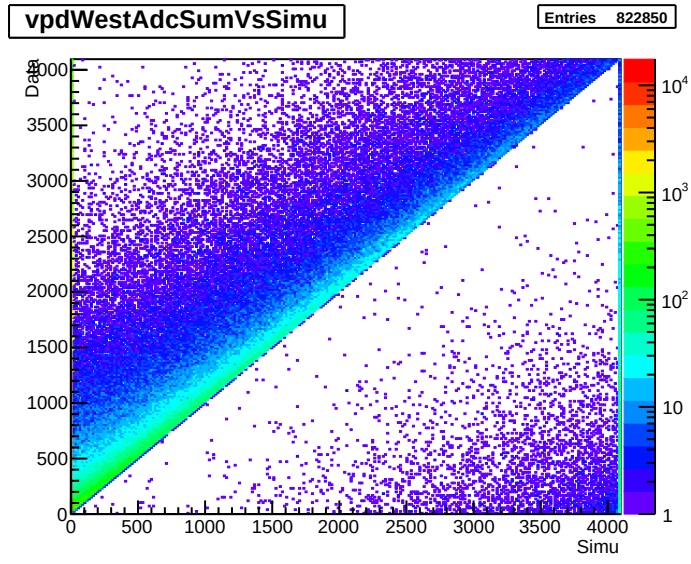

vpdEastNHits
Entries1283004

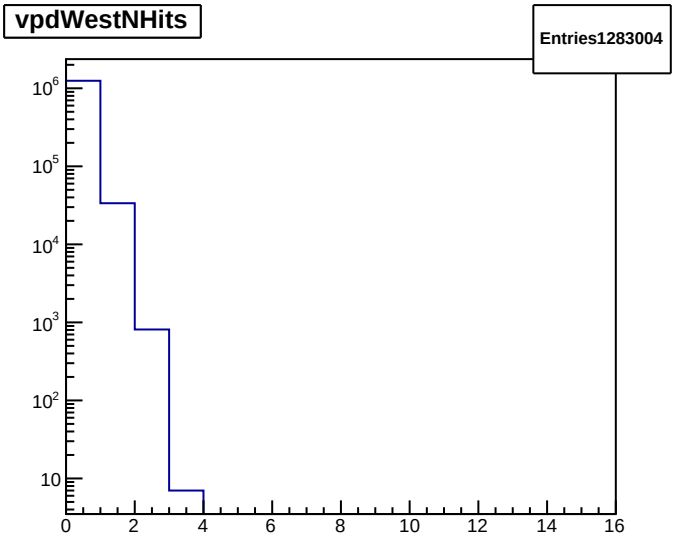

vpdEastNHitsVsSimu
Entries 81416

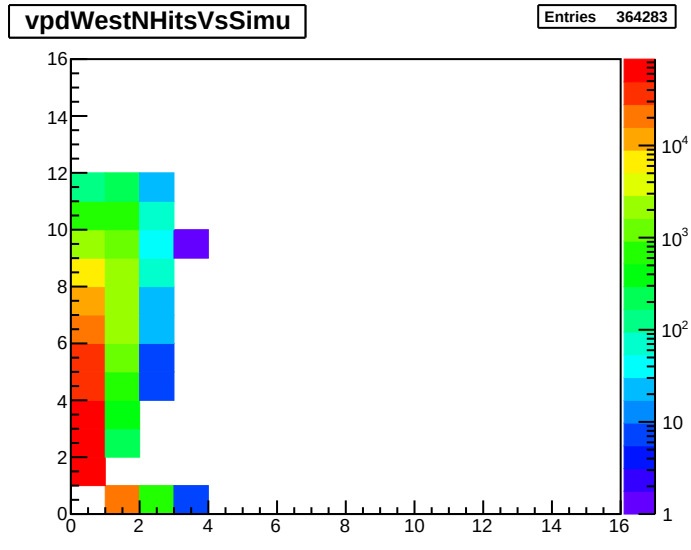

vpdEastTacSum
Entries1283004

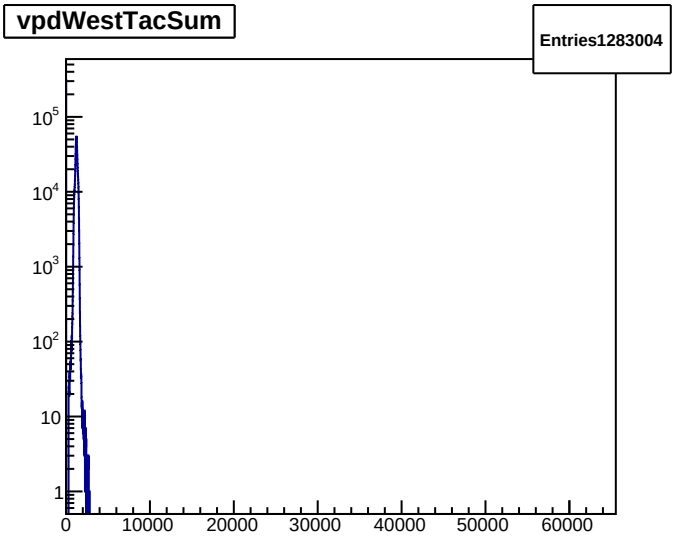

vpdEastTacSumVsSimu
Entries 1012052
Data
Simu

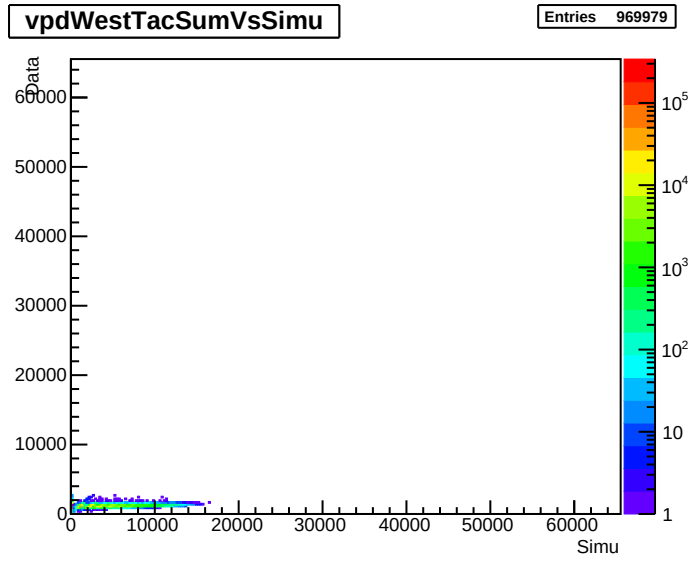

vpdWestAdcSum
Entries1283004

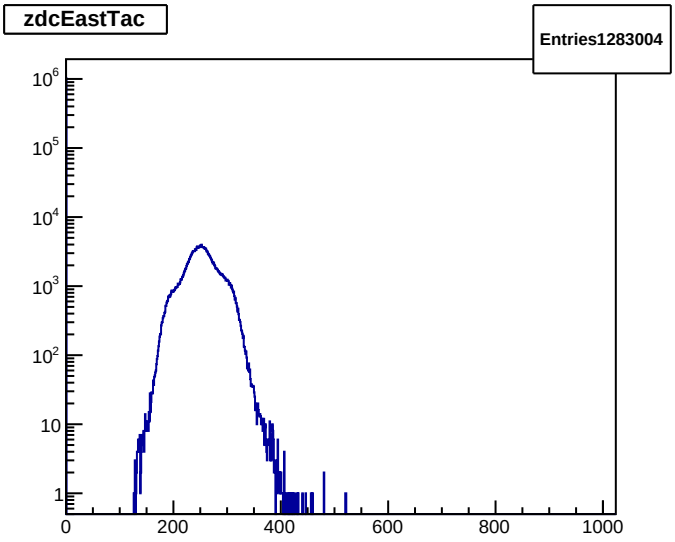

vpdWestAdcSumVsSimu
Entries 822850
Data
Simu

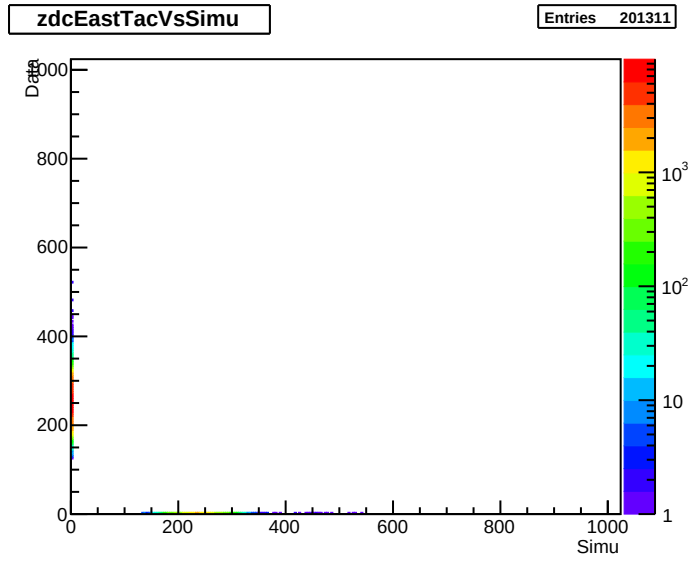

vpdWestNHits
Entries1283004

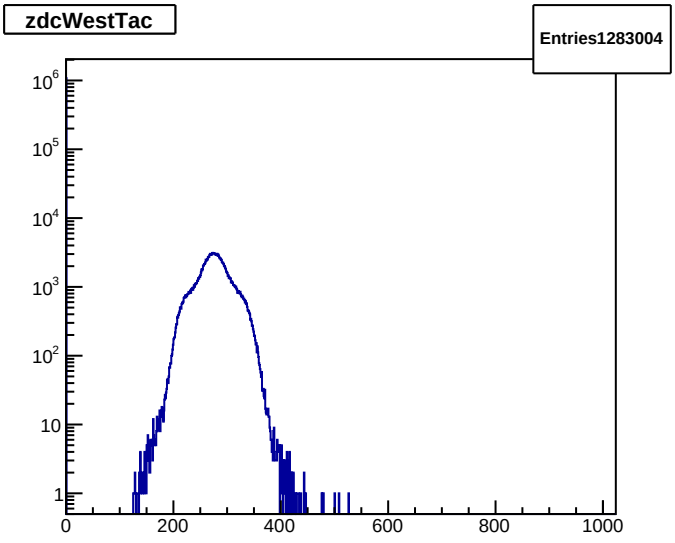

vpdWestNHitsVsSimu
Entries 364283

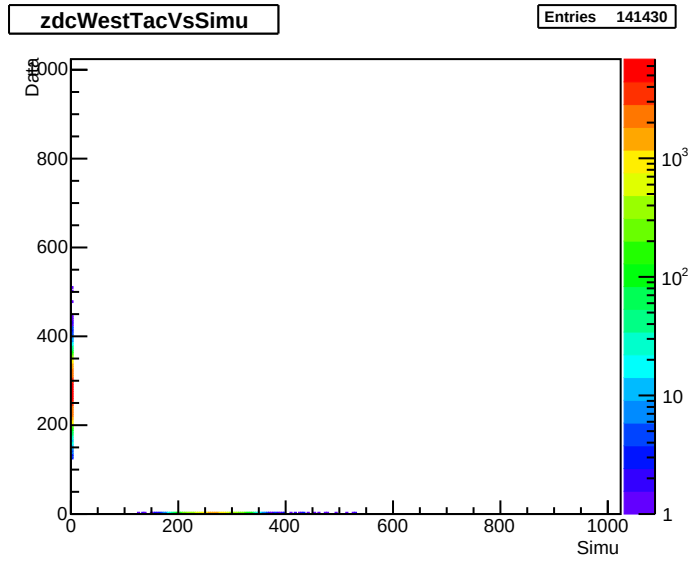

vpdWestTacSum
Entries1283004

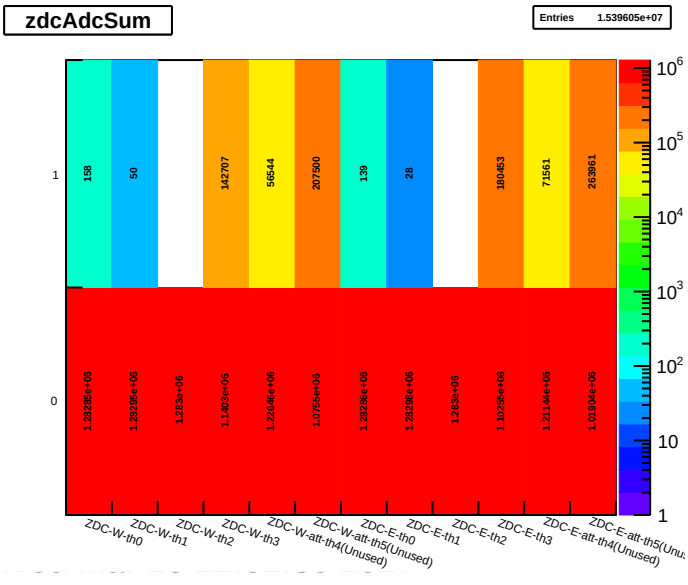

vpdWestTacSumVsSimu
Entries 969979
Data
Simu

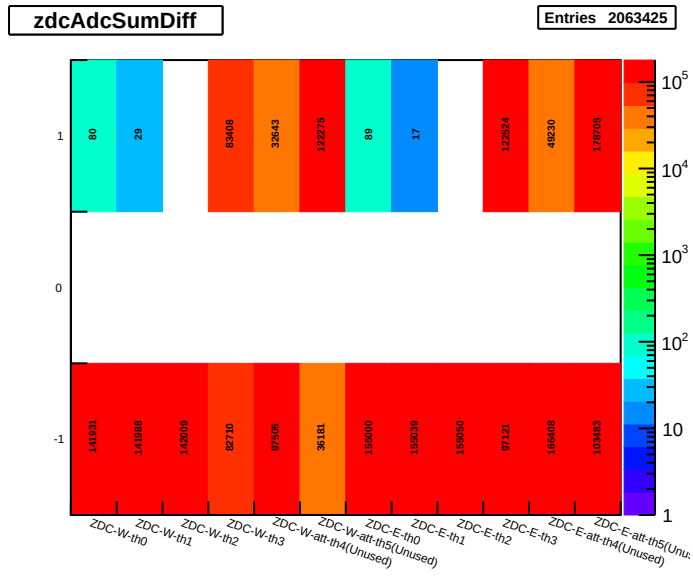

zdcEastTac
Entries1283004

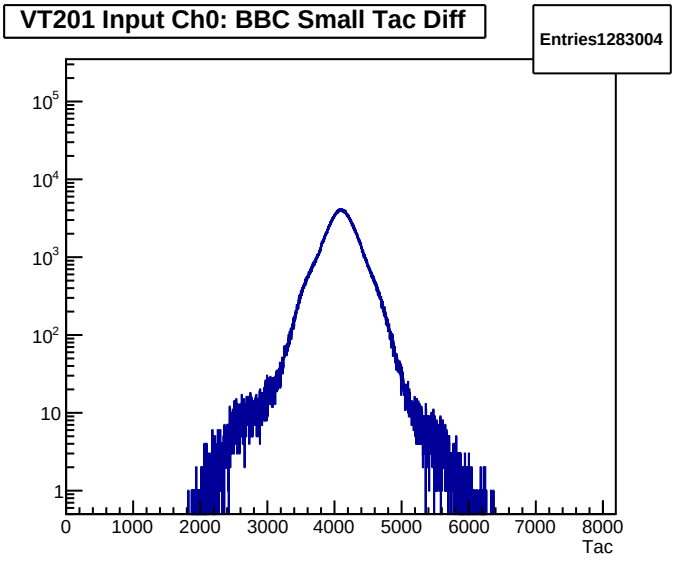

zdcEastTacVsSimu
Entries 201311
Data
Simu

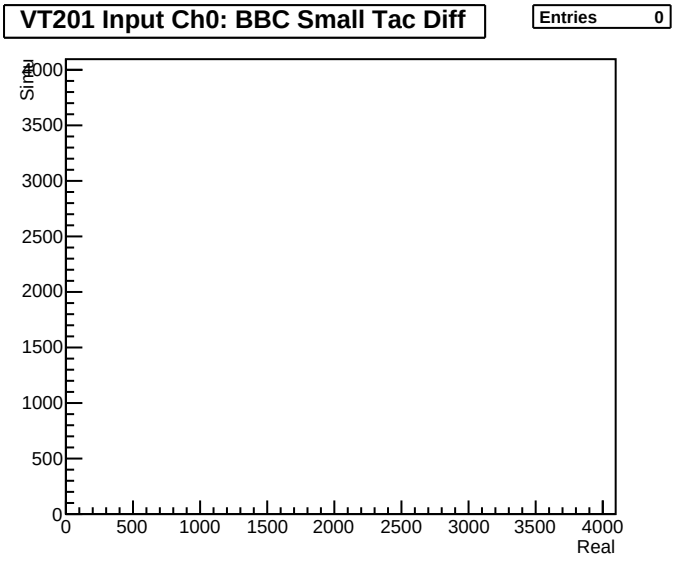

zdcWestTac
Entries1283004

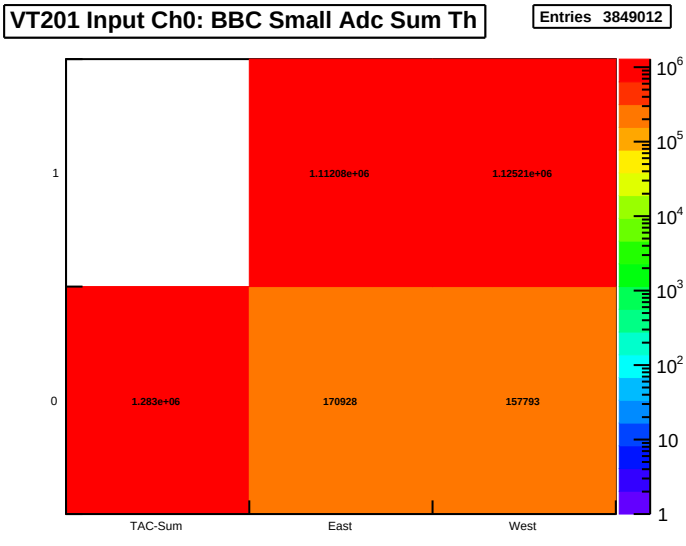

zdcWestTacVsSimu
Entries 141430
Data
Simu

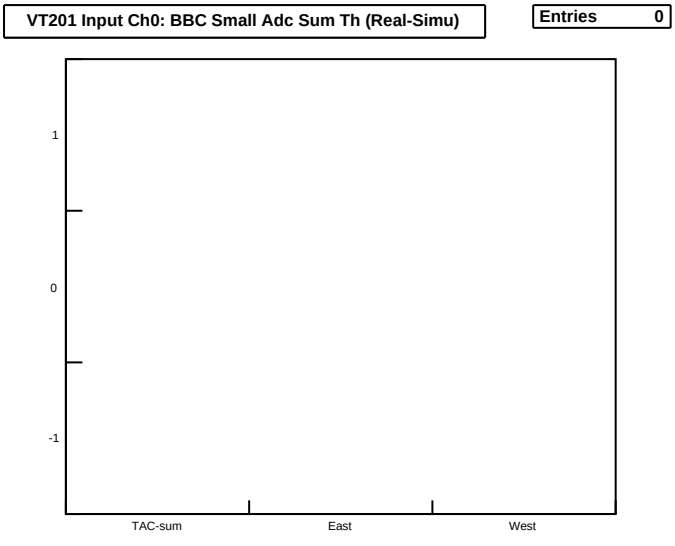

zdcAdcSum
Entries 1.539605e+07
158
50
142707
56544
207900
139
28
180453
71561
263961
1.2828e+06
1.2929e+06
1.2838e+06
1.1403e+06
1.2264e+06
1.0755e+06
1.2828e+06
1.2929e+06
1.2838e+06
1.1025e+06
1.2114e+06
1.0190e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

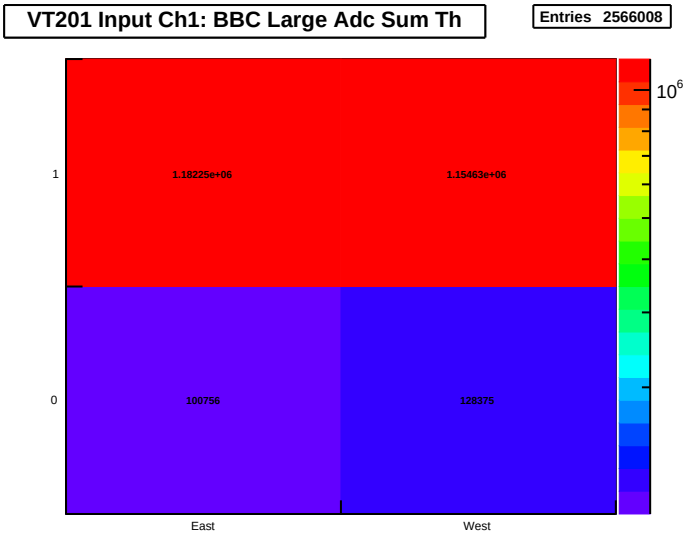

zdcAdcSumDiff
Entries 2063425
80
29
83408
32643
122275
89
17
122524
49230
178705
141931
141968
142009
82710
97505
36181
155000
155039
155050
97121
166408
103483
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

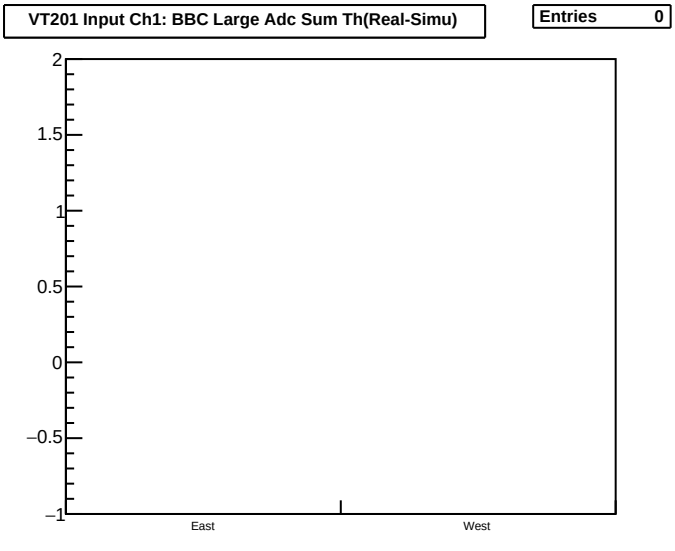

VT201 Input Ch0: BBC Small Tac Diff
Entries1283004
Tac


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

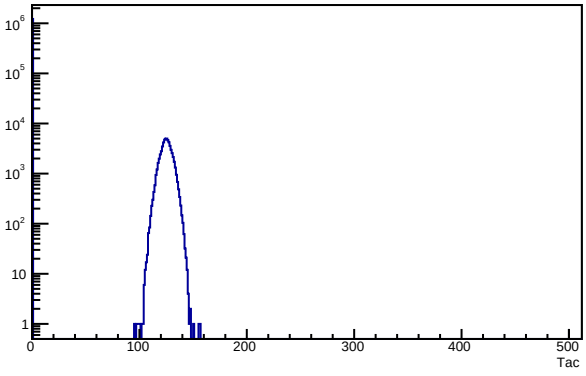

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3849012
1.11208e+06
1.12521e+06
1.283e+06
170928
157793
TAC-Sum
East
West


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

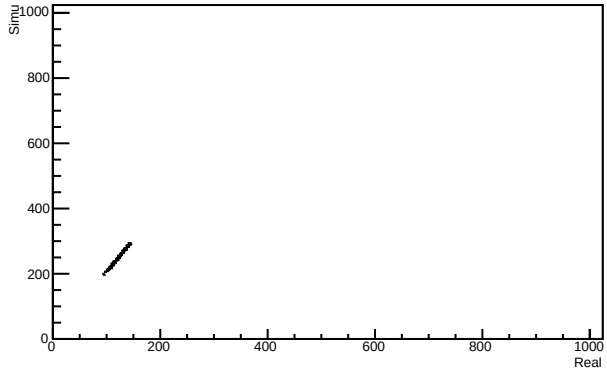

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2566008
1.18225e+06
1.15463e+06
100756
128375
East
West


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

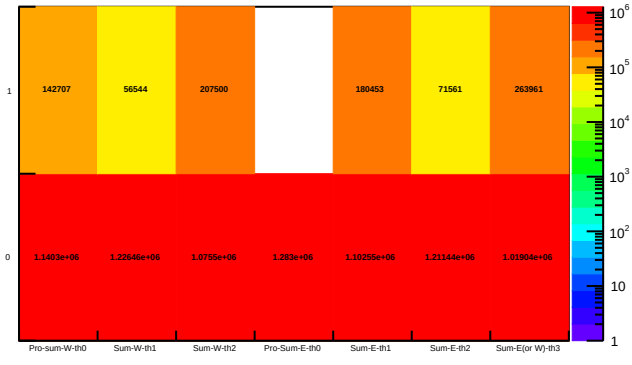
VT201 Input Ch2: ZDC Tac Diff



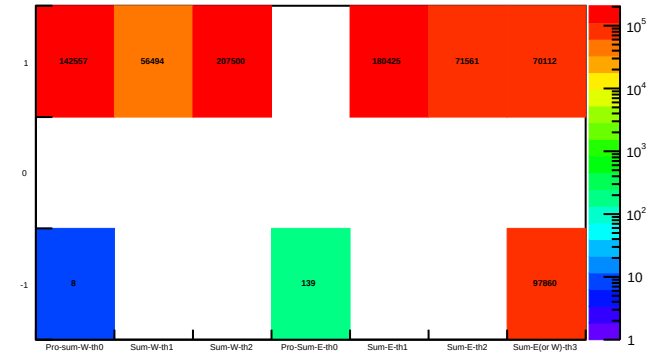
VT201 Input Ch2: ZDC Tac Diff



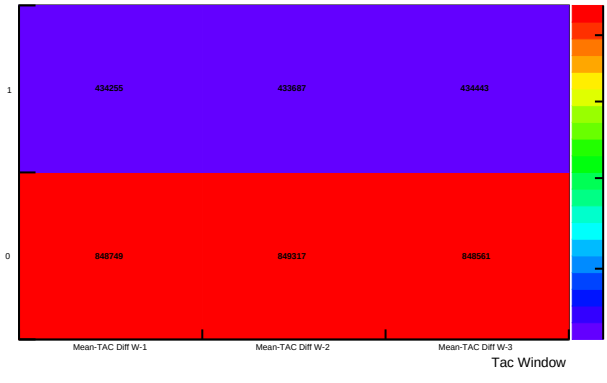
VT201 Input Ch2: ZDC Adc Sum Th



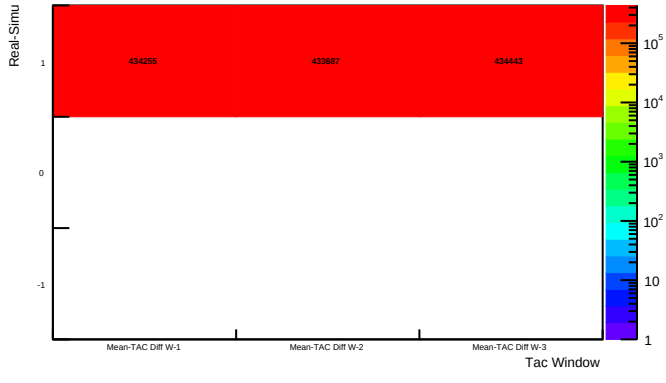
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



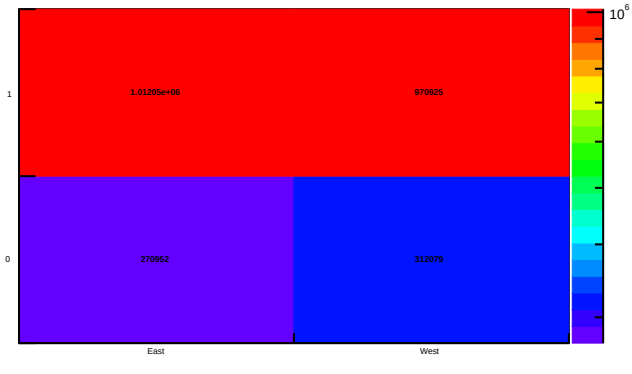
VT201 Input Ch4: VPD Tac Diff



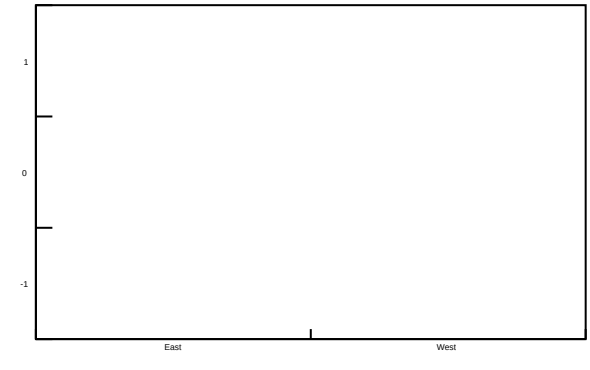
VT201 Input Ch4: VPD Tac Diff

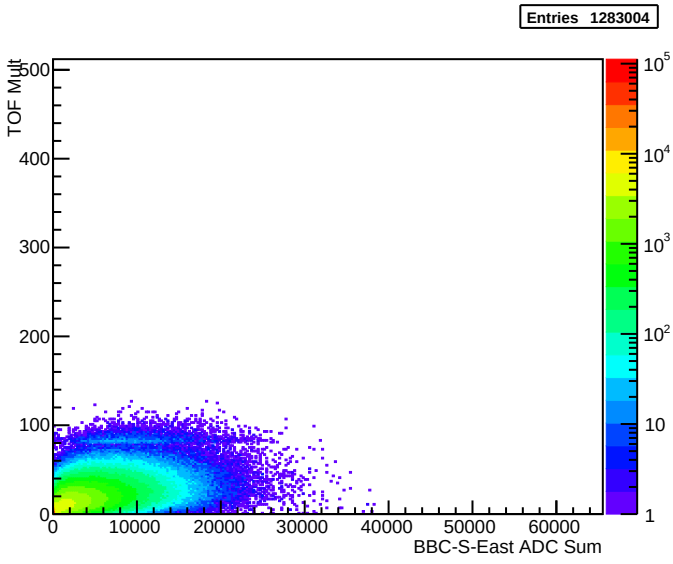


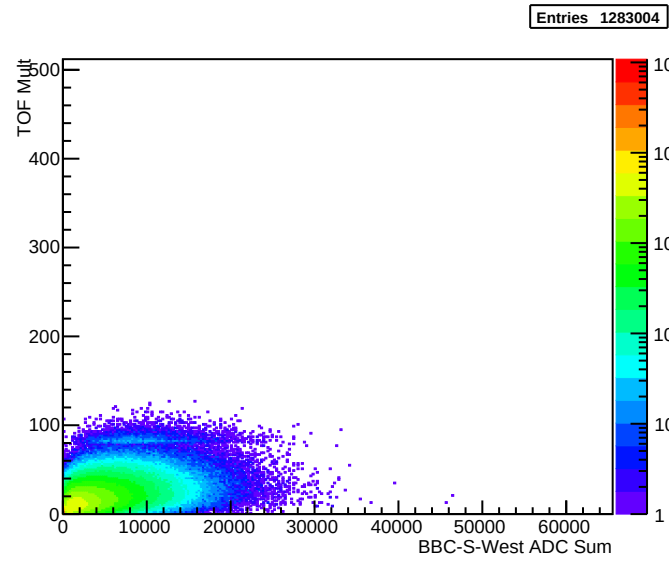
VT201 Input Ch4: VPD Adc Sum Th

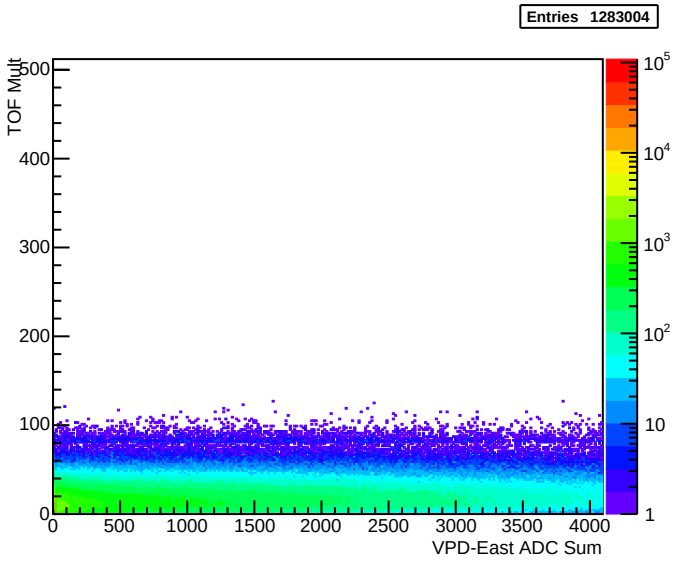


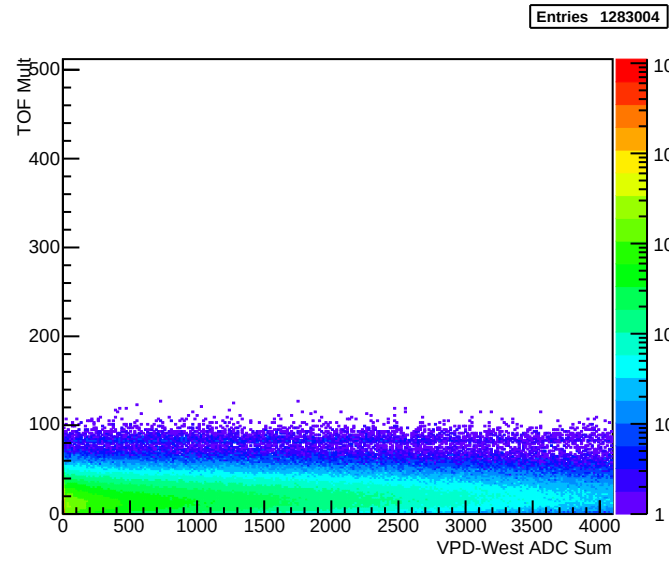
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

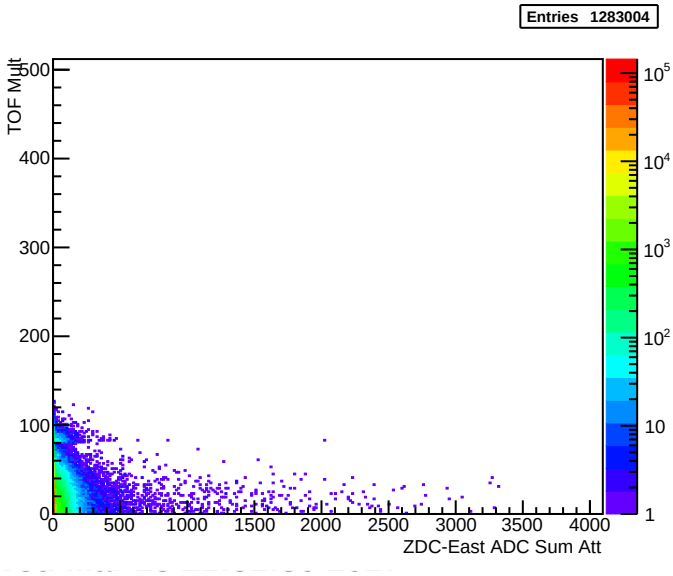


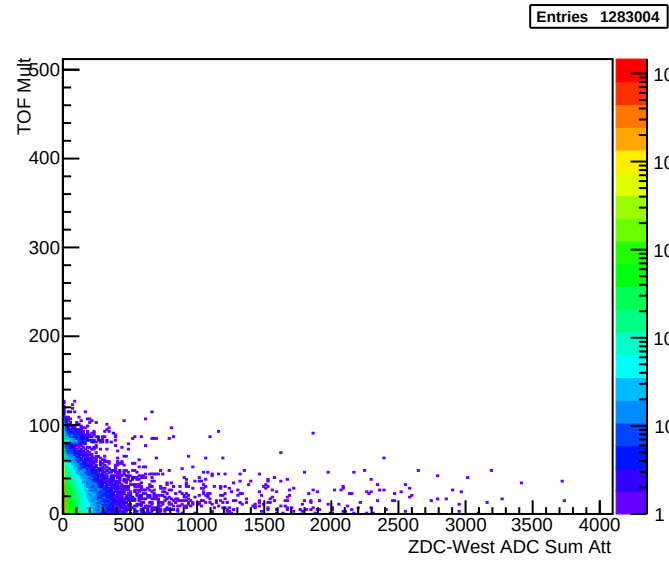

Entries 1283004
TOF Mult
BBC-S-East ADC Sum

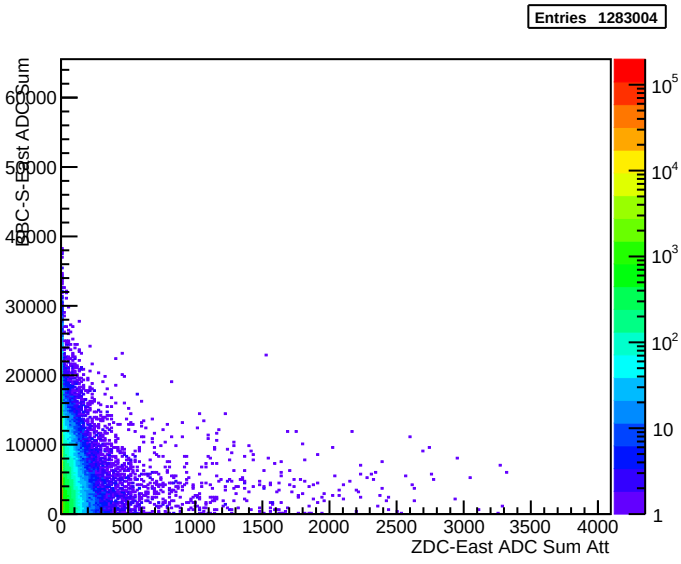

Entries 1283004
TOF Mult
BBC-S-West ADC Sum

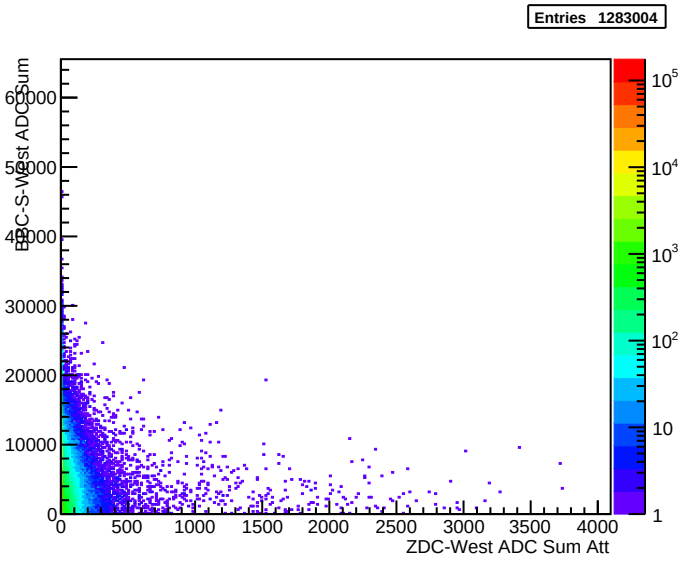

Entries 1283004
TOF Mult
VPD-East ADC Sum

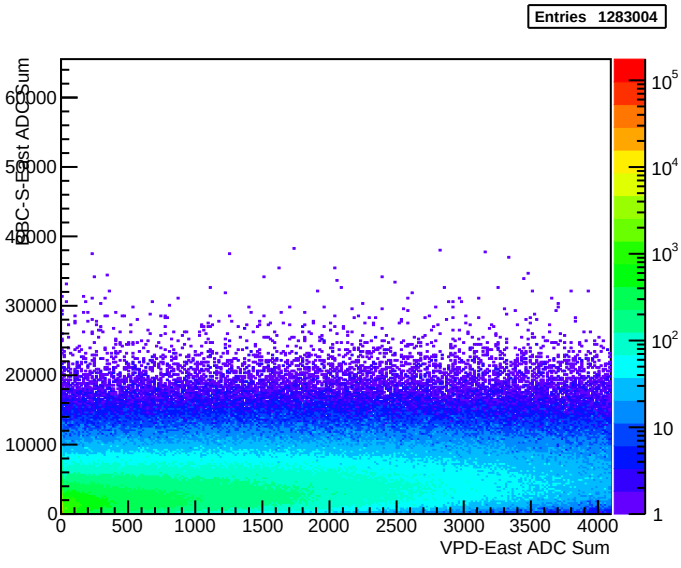

Entries 1283004
TOF Mult
VPD-West ADC Sum

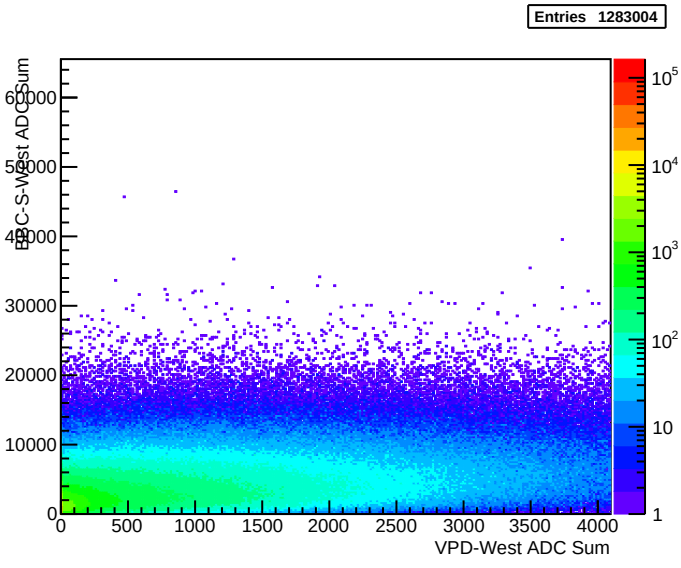

Entries 1283004
TOF Mult
ZDC-East ADC Sum Att

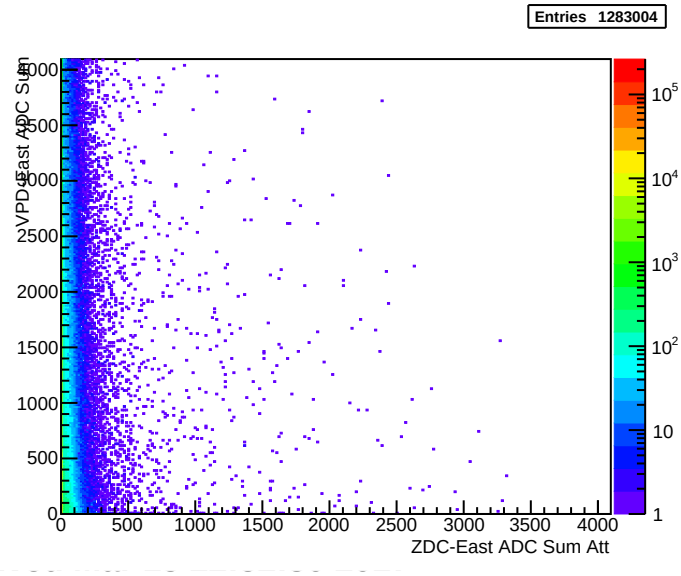

Entries 1283004
TOF Mult
ZDC-West ADC Sum Att

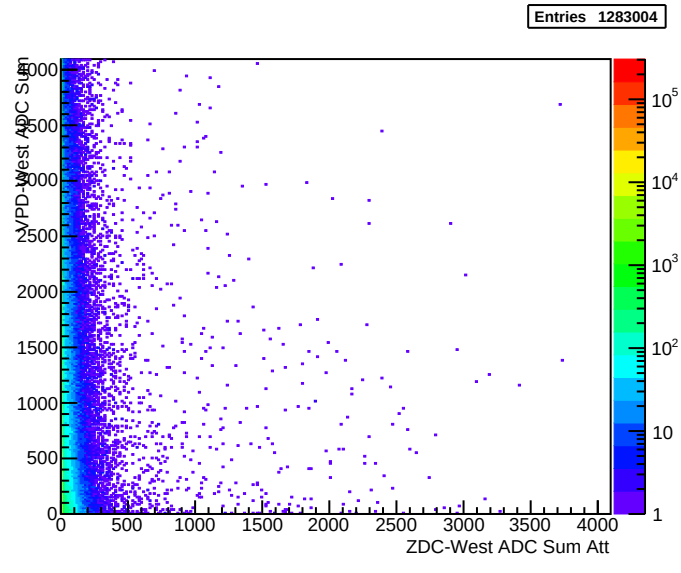

Entries 1283004
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

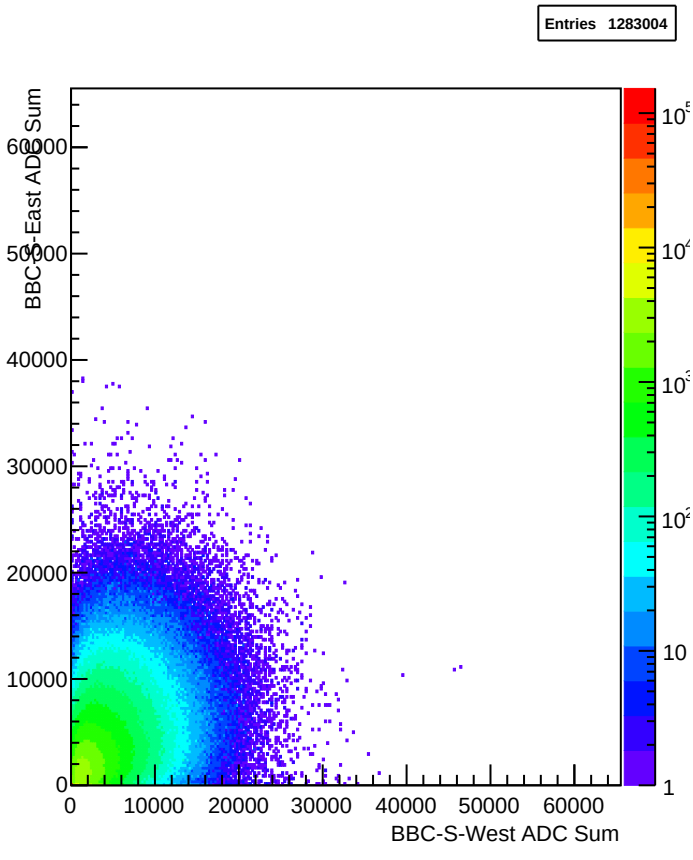

Entries 1283004
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

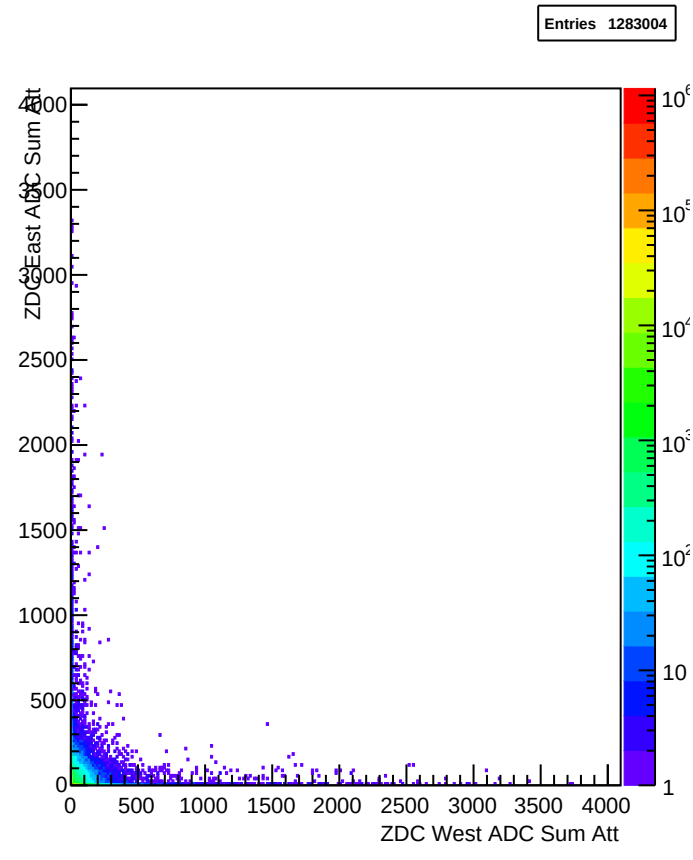

Entries 1283004
BBC-S-East ADC Sum
VPD-East ADC Sum

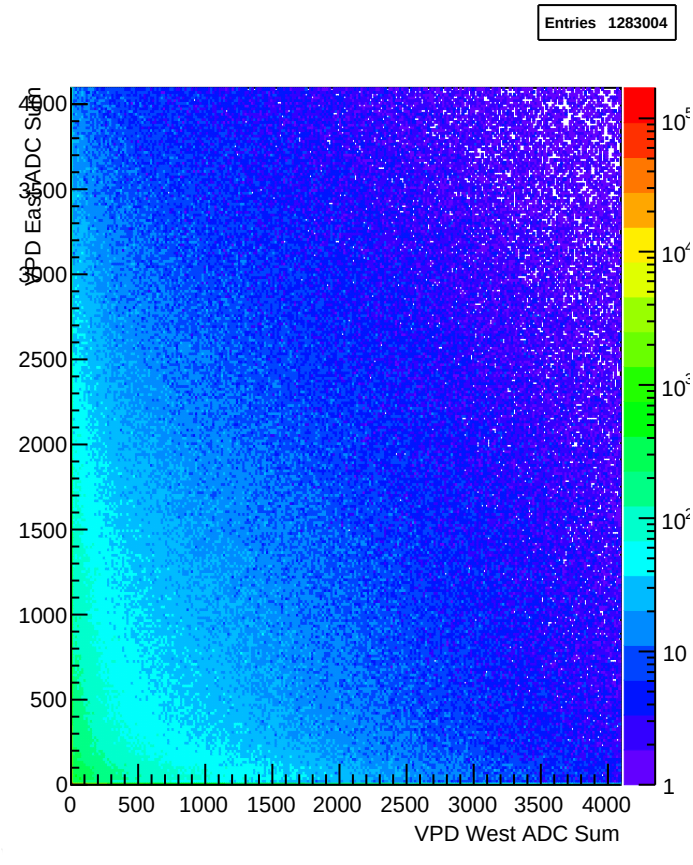

Entries 1283004
BBC-S-West ADC Sum
VPD-West ADC Sum

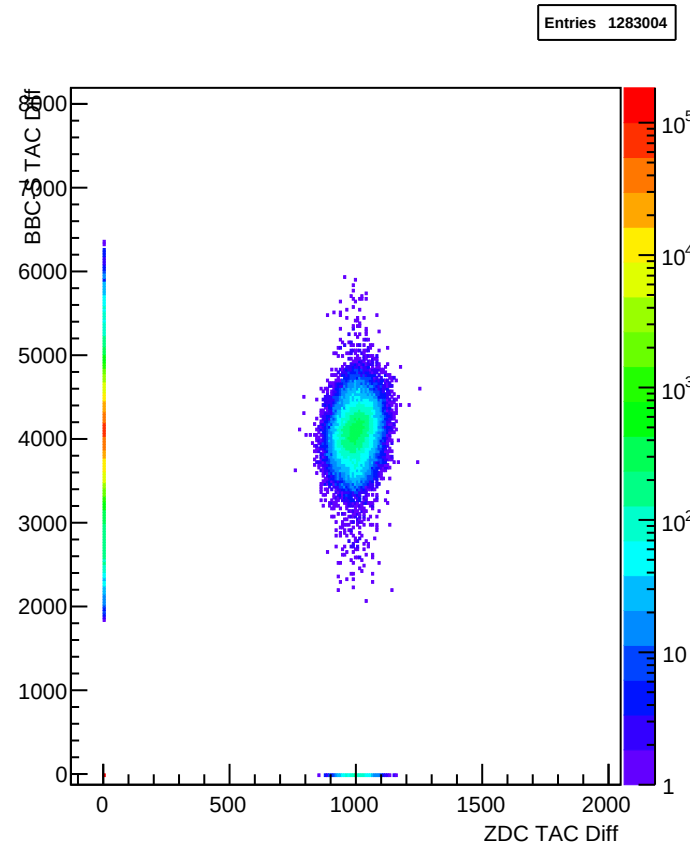

Entries 1283004
VPD-East ADC Sum
ZDC-East ADC Sum Att

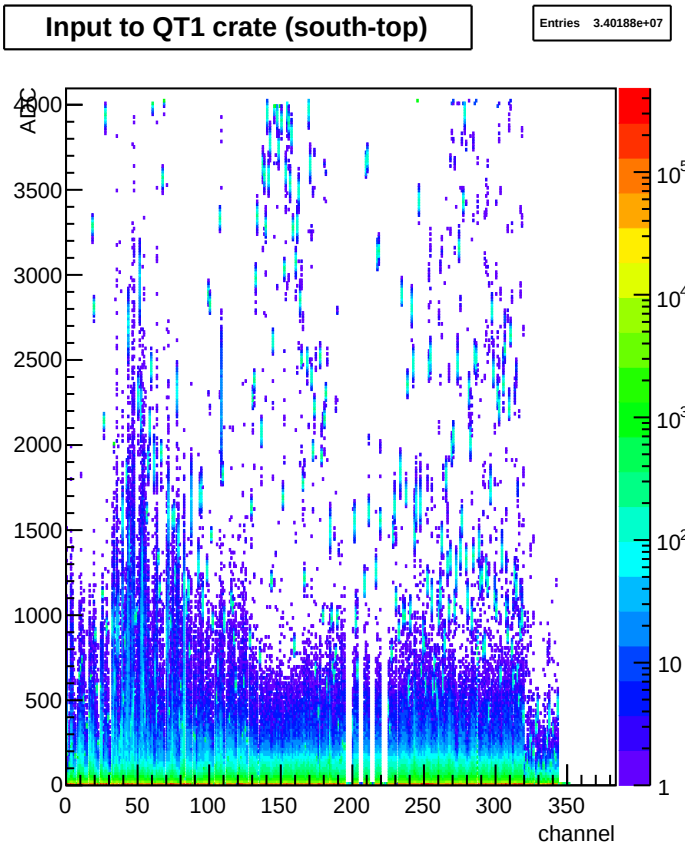

Entries 1283004
VPD-West ADC Sum
ZDC-West ADC Sum Att

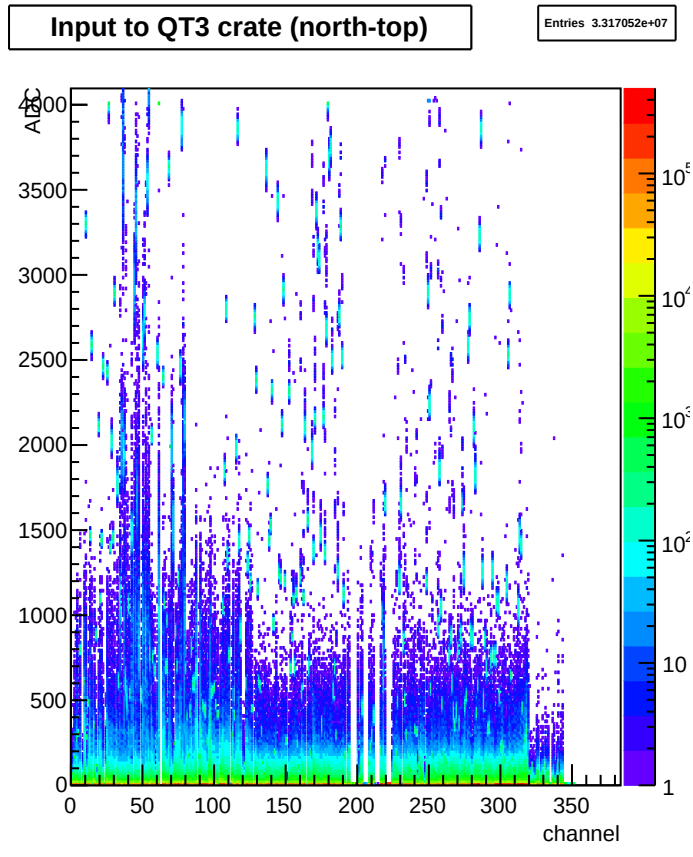

Entries 1283004
BBC-S-East ADC Sum
BBC-S-West ADC Sum

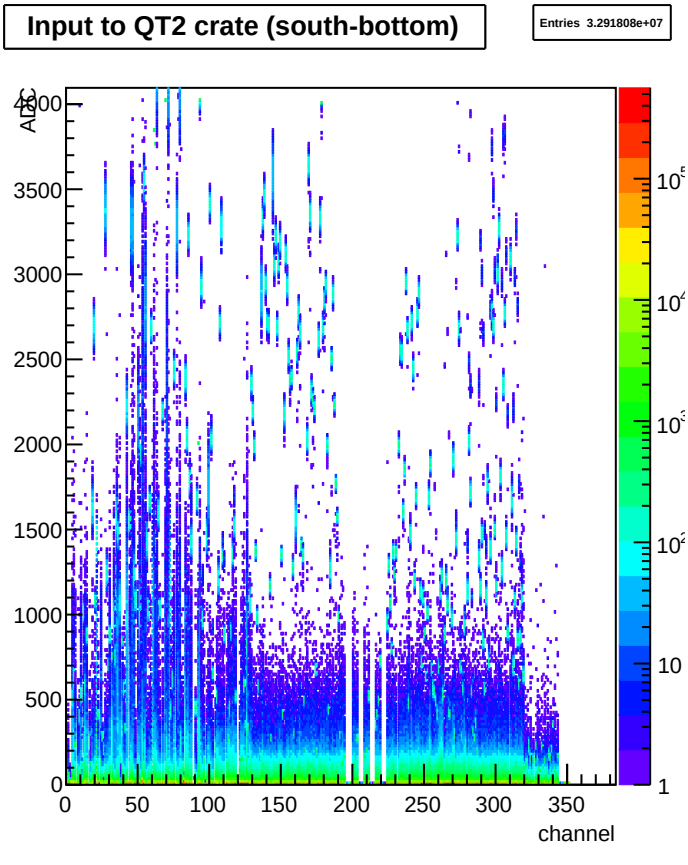

Entries 1283004
ZDC East ADC Sum Att
ZDC West ADC Sum Att

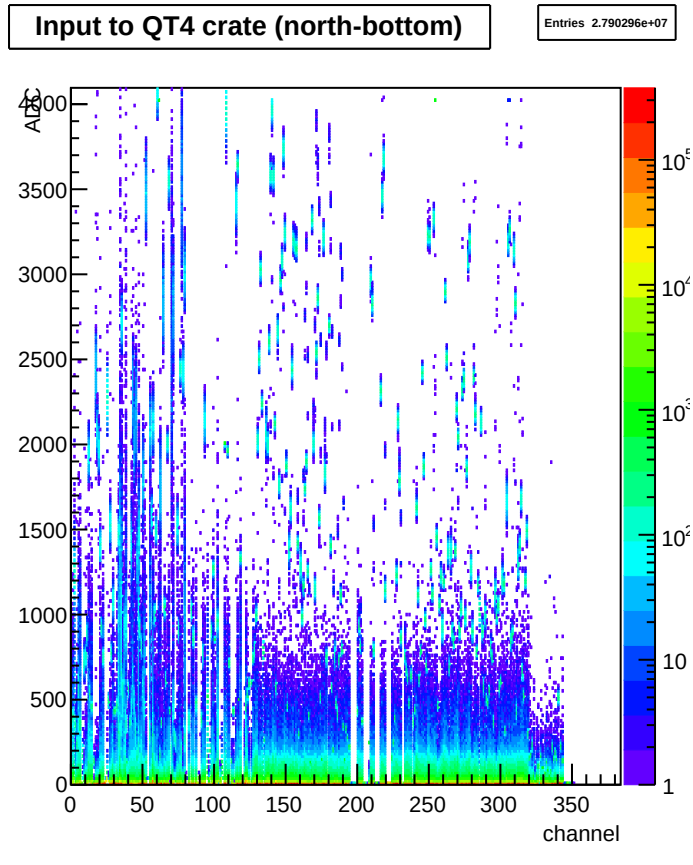

Entries 1283004
VPD East ADC Sum
VPD West ADC Sum

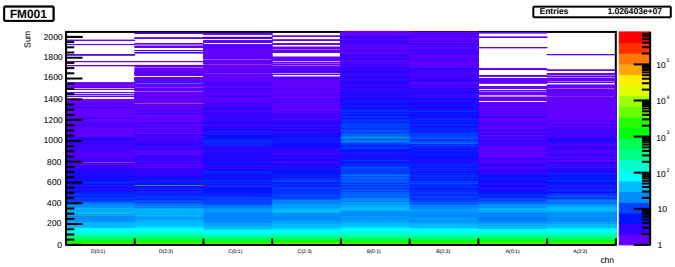

Entries 1283004
BBC-S TAC Diff
ZDC TAC Diff

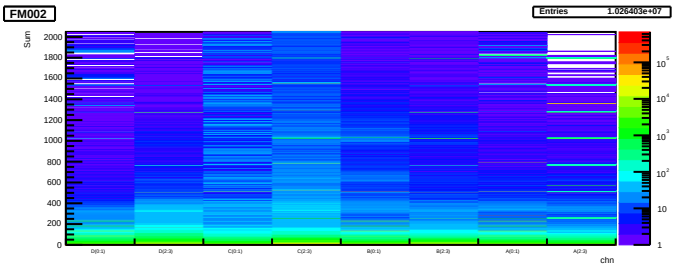

Input to QT1 crate (south-top)
Entries 3.40188e+07
ADC
channel

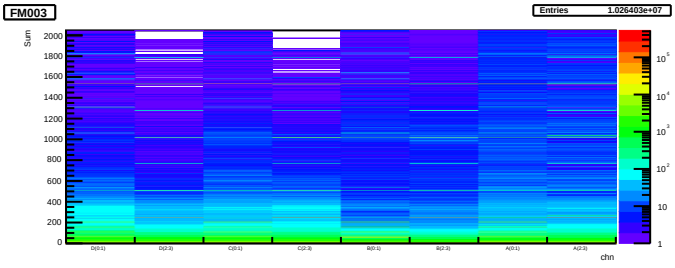

Input to QT3 crate (north-top)
Entries 3.317052e+07
ADC
channel

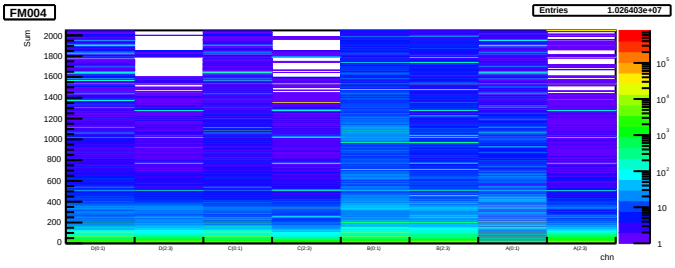

Input to QT2 crate (south-bottom)
Entries 3.291808e+07
ADC
channel

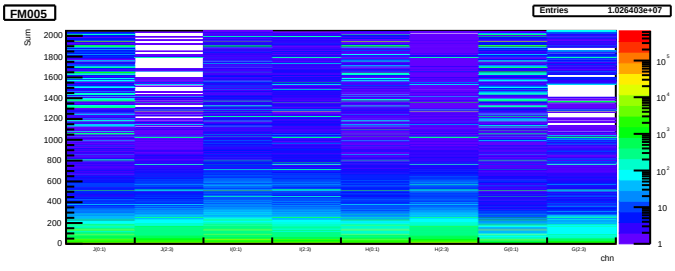

Input to QT4 crate (north-bottom)
Entries 2.790296e+07
ADC
channel

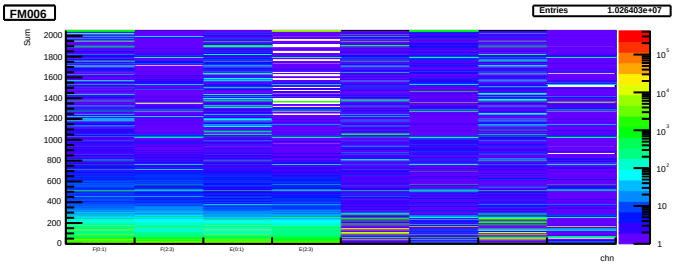

FM001
Entries 1.026403e+07
Sum
chn

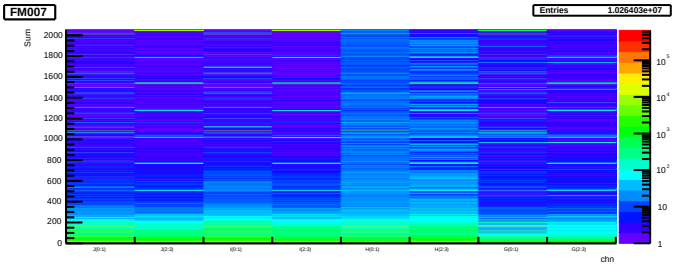

FM002
Entries 1.026403e+07
Sum
chn

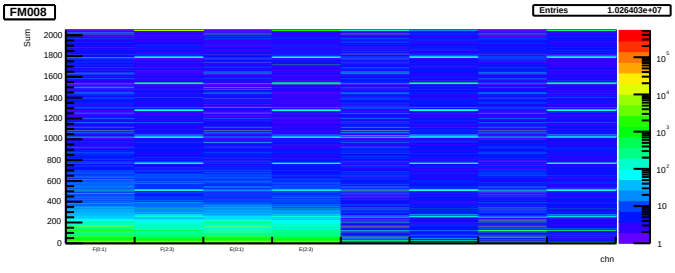

FM003
Entries 1.026403e+07
Sum
chn

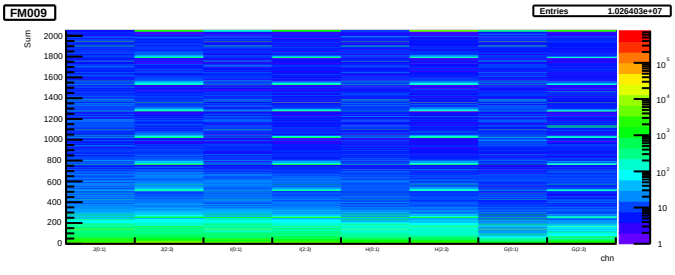

FM004
Entries 1.026403e+07
Sum
chn

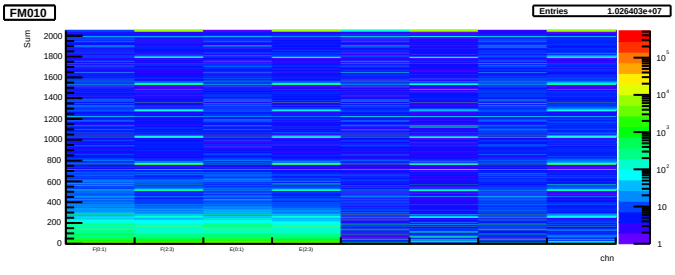

FM005
Entries 1.026403e+07
Sum
chn

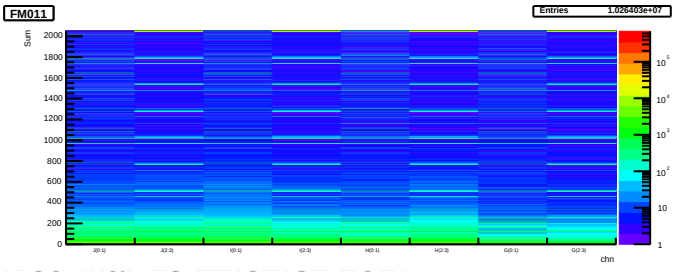

FM006
Entries 1.026403e+07
Sum
chn

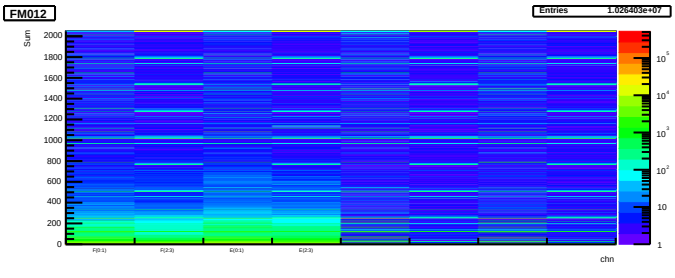

FM007
Entries 1.026403e+07
Sum
chn

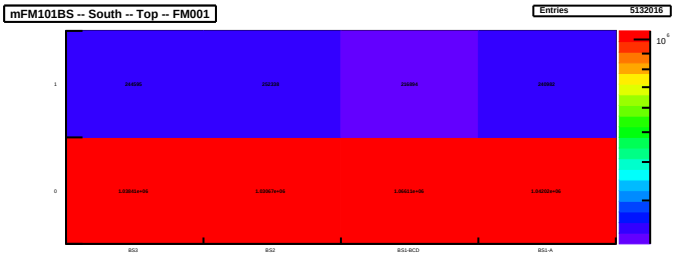

FM008
Entries 1.026403e+07
Sum
chn

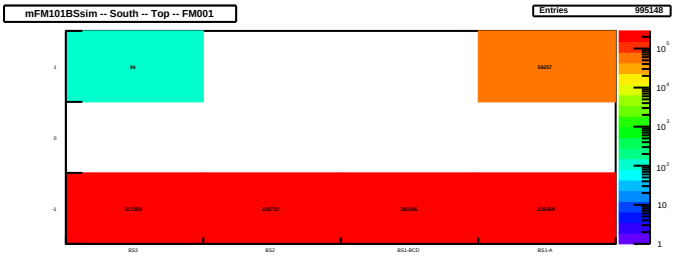

FM009
Entries 1.026403e+07
Sum
chn

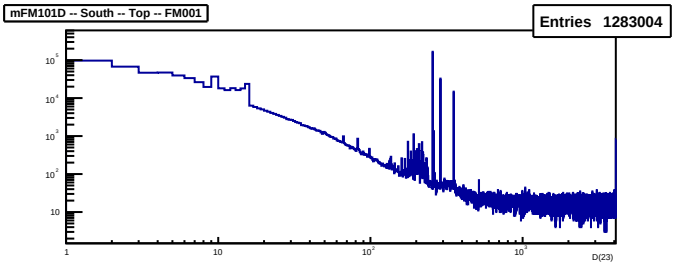

FM010
Entries 1.026403e+07
Sum
chn

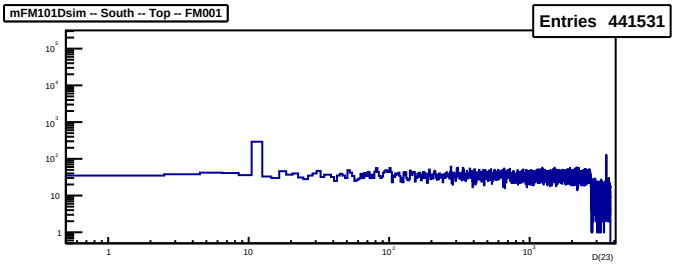

FM011
Entries 1.026403e+07
Sum
chn

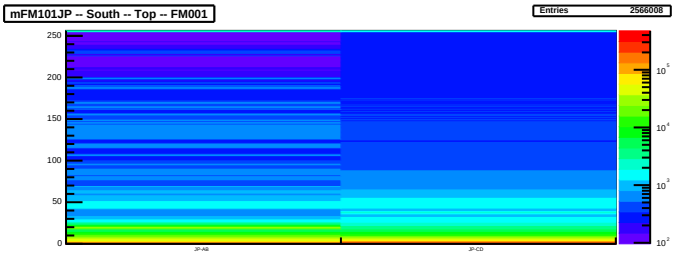

FM012
Entries 1.026403e+07
Sum
chn

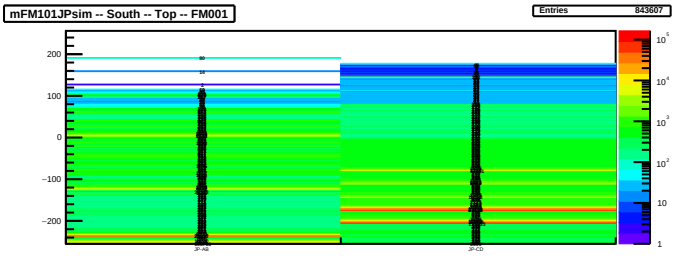

mFM101BS -- South -- Top -- FM001
Entries 5132016

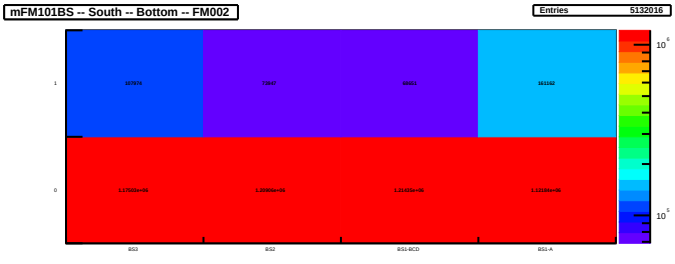

mFM101BSsim -- South -- Top -- FM001
Entries 995148

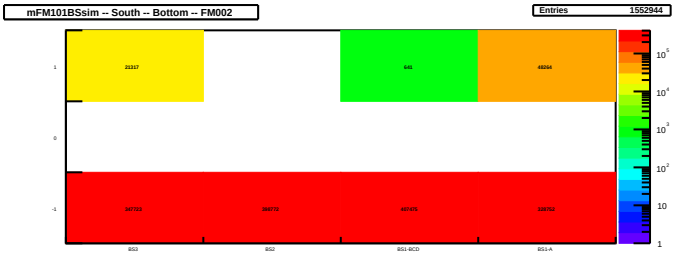

mFM101D -- South -- Top -- FM001
Entries 1283004
D(23)

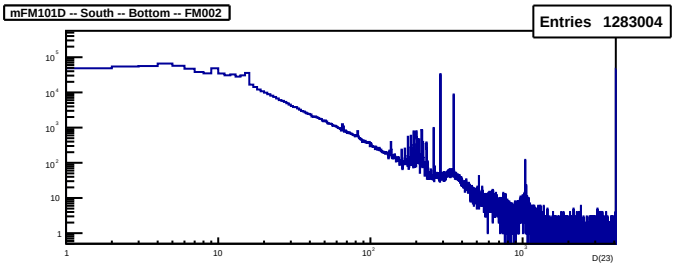

mFM101Dsim -- South -- Top -- FM001
Entries 441531
D(23)

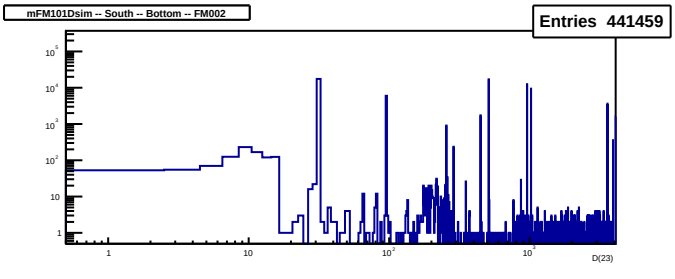

mFM101JP -- South -- Top -- FM001
Entries 2566008

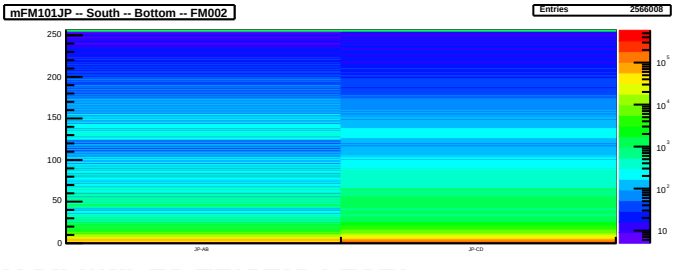

mFM101JPsim -- South -- Top -- FM001
Entries 843607

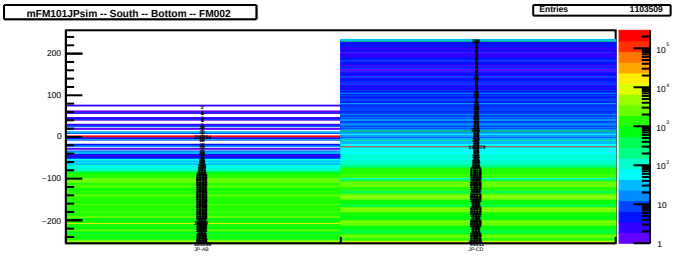

mFM101BS -- South -- Bottom -- FM002
Entries 5132016

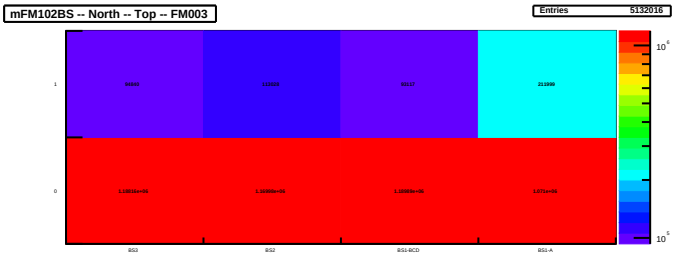

mFM101BSsim -- South -- Bottom -- FM002
Entries 1552944

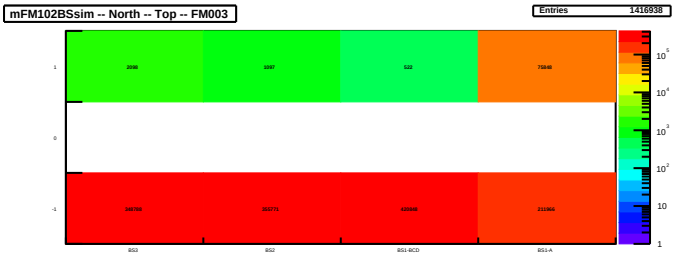

mFM101D -- South -- Bottom -- FM002
Entries 1283004
D(23)

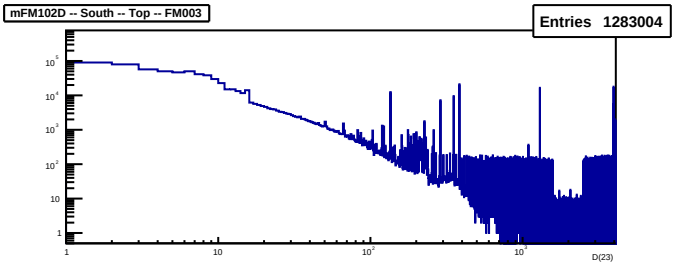

mFM101Dsim -- South -- Bottom -- FM002
Entries 441459
D(23)

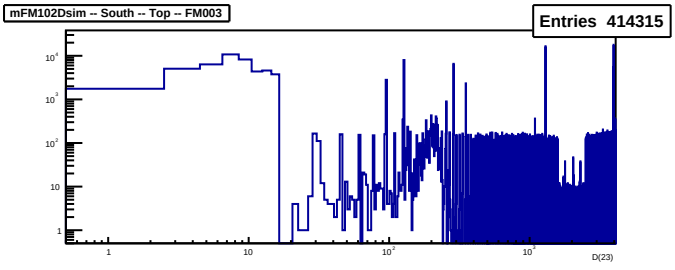

mFM101JP -- South -- Bottom -- FM002
Entries 2566008

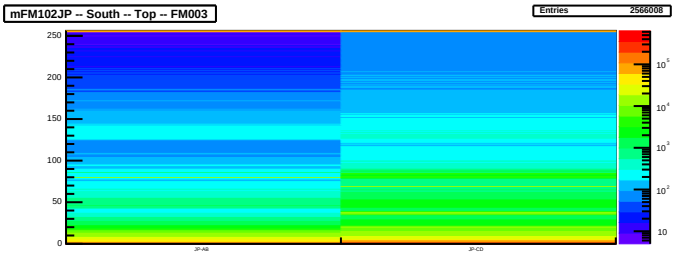

mFM101JPsim -- South -- Bottom -- FM002
Entries 1103509

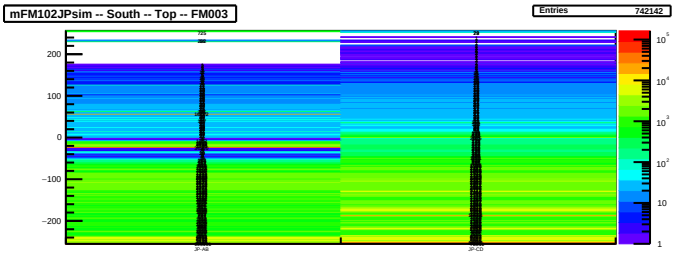

mFM102BS -- North -- Top -- FM003
Entries 5132016

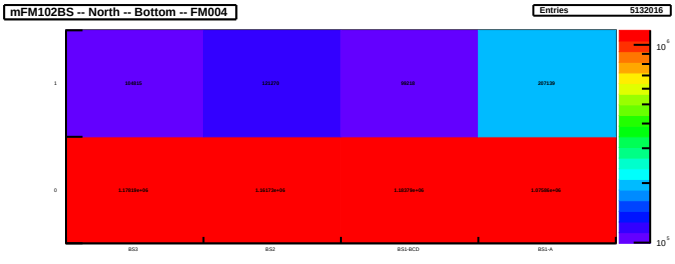

mFM102BSsim -- North -- Top -- FM003
Entries 1416938

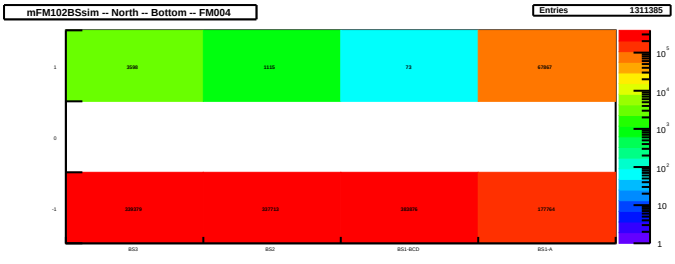

mFM102D -- South -- Top -- FM003
Entries 1283004
D(23)

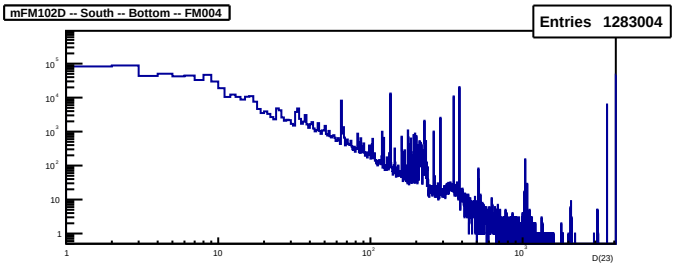

mFM102Dsim -- South -- Top -- FM003
Entries 414315
D(23)

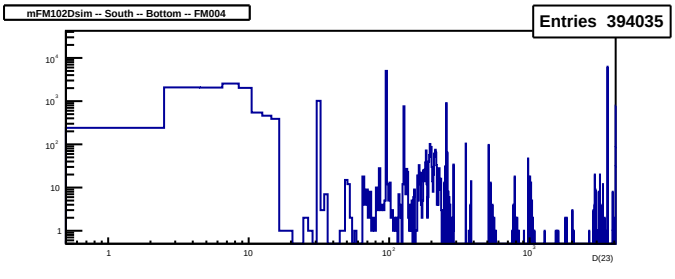

mFM102JP -- South -- Top -- FM003
Entries 2566008

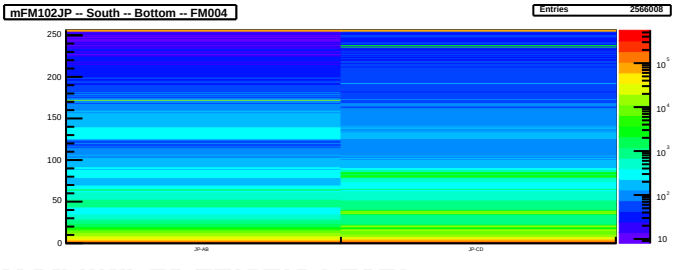

mFM102JPsim -- South -- Top -- FM003
Entries 742142

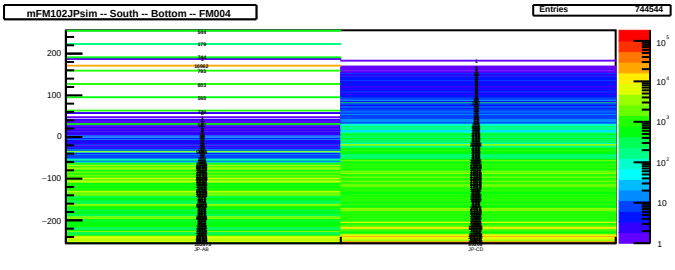

mFM102BS -- North -- Bottom -- FM004
Entries 5132016

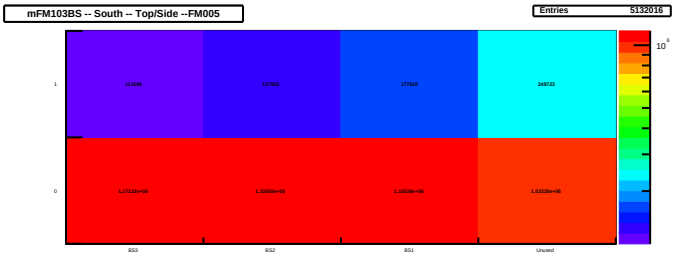

mFM102BSsim -- North -- Bottom -- FM004
Entries 1311385

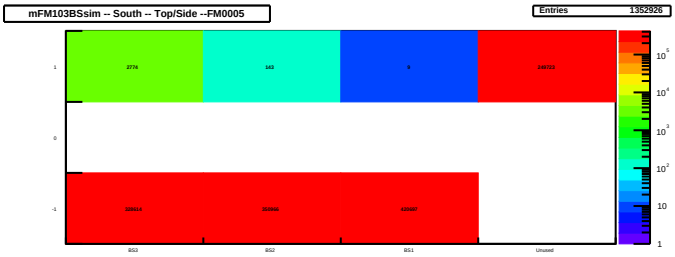

mFM102D -- South -- Bottom -- FM004
Entries 1283004
D(23)

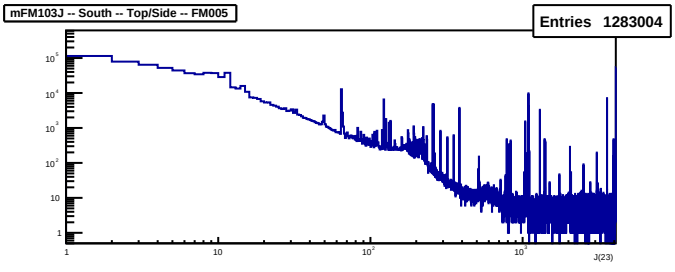

mFM102Dsim -- South -- Bottom -- FM004
Entries 394035
D(23)

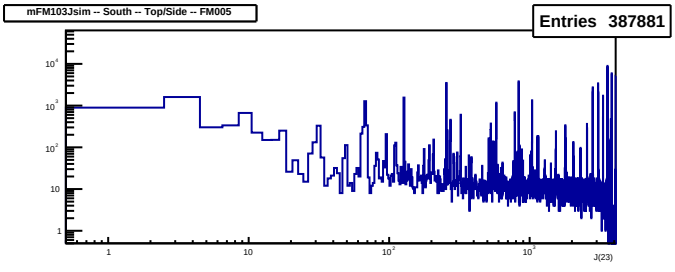

mFM102JP -- South -- Bottom -- FM004
Entries 2566008

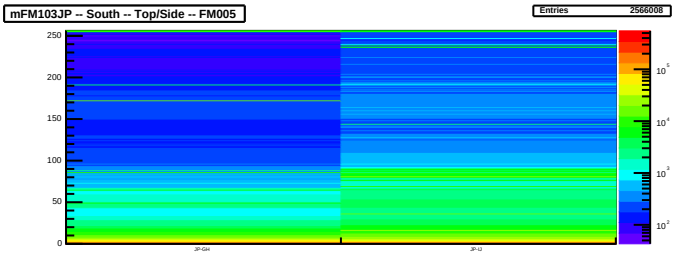

mFM102JPsim -- South -- Bottom -- FM004
Entries 744544

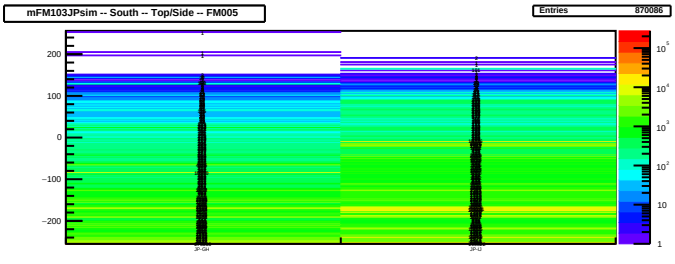

mFM103BS -- South -- Top/Side --FM005
Entries 5132016
BS3
BS2
BS1
Unused

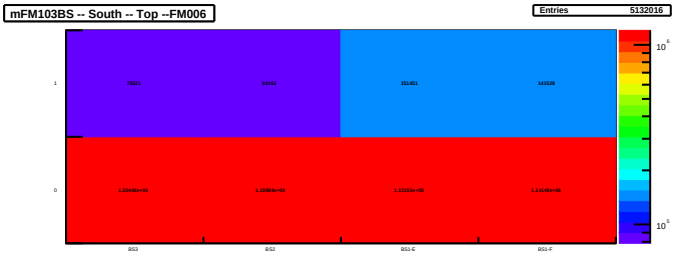

mFM103BSsim -- South -- Top/Side --FM0005
Entries 1352926
BS3
BS2
BS1
Unused

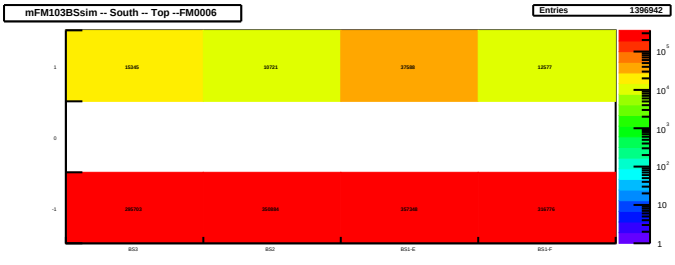

mFM103J -- South -- Top/Side -- FM005
Entries 1283004
J(23)

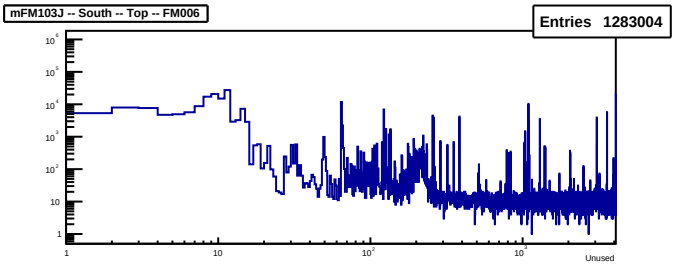

mFM103Jsim -- South -- Top/Side -- FM005
Entries 387881
J(23)

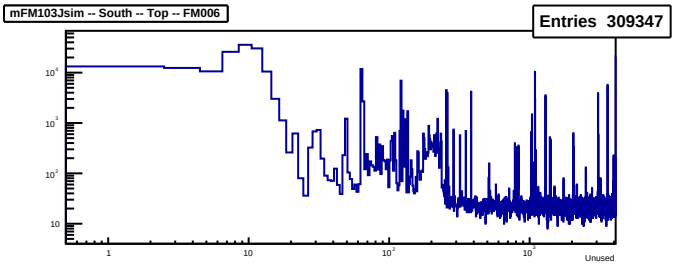

mFM103JP -- South -- Top/Side -- FM005
Entries 2566008
JP-GH
JP-I2

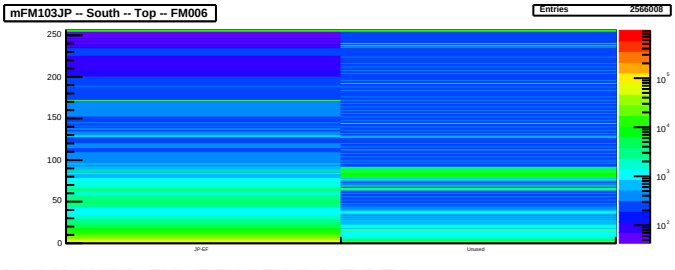

mFM103JPsim -- South -- Top/Side -- FM005
Entries 870086
JP-GH
JP-I2

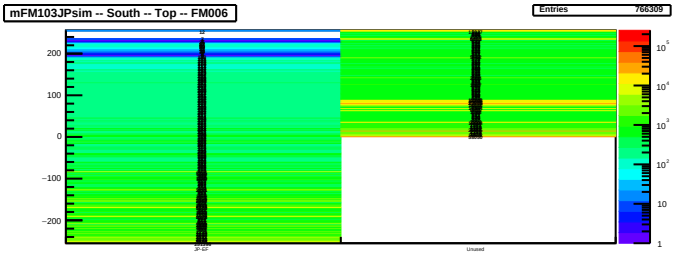

mFM103BS -- South -- Top --FM006
Entries 5132016
BS3
BS2
BS1-E
BS1-F

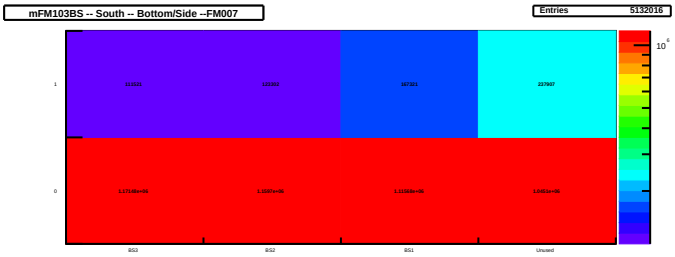

mFM103BSsim -- South -- Top --FM0006
Entries 1396942
BS3
BS2
BS1-E
BS1-F

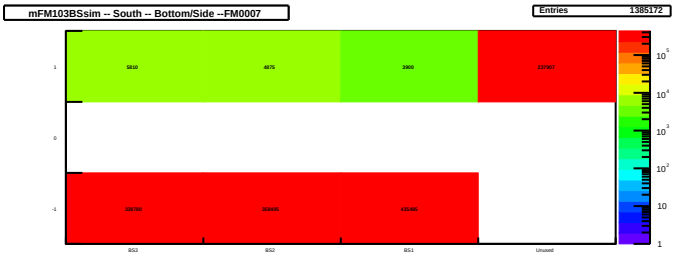

mFM103J -- South -- Top -- FM006
Entries 1283004
Unused

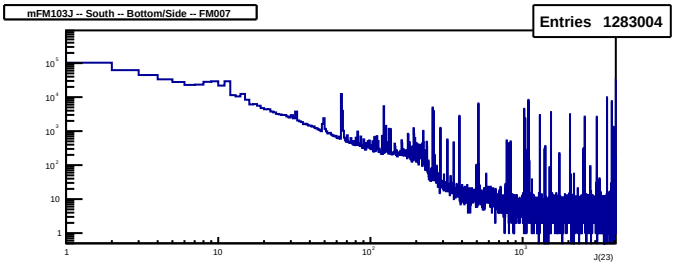

mFM103Jsim -- South -- Top -- FM006
Entries 309347
Unused

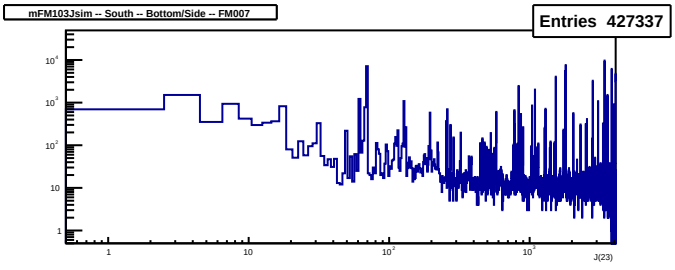

mFM103JP -- South -- Top -- FM006
Entries 2566008
JP-EF
Unused

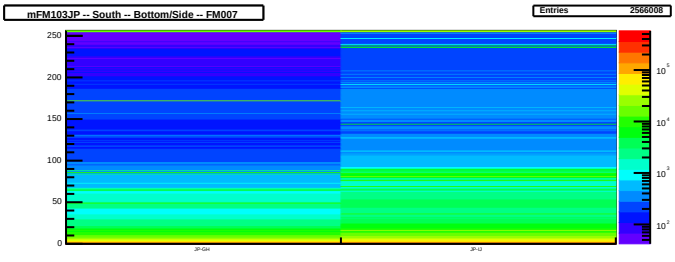

mFM103JPsim -- South -- Top -- FM006
Entries 766309
JP-EF
Unused

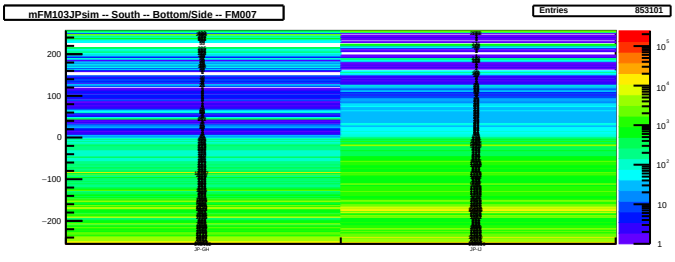

mFM103BS -- South -- Bottom/Side --FM007
Entries 5132016
BS3
BS2
BS1
Unused

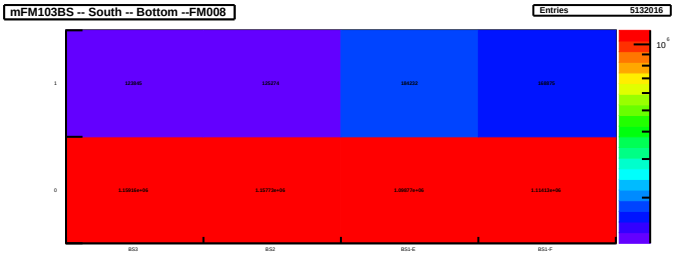

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1385172
BS3
BS2
BS1
Unused

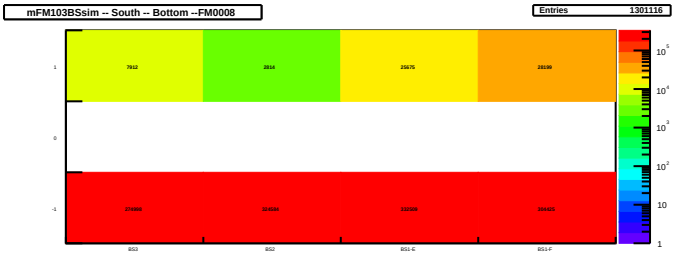

mFM103J -- South -- Bottom/Side -- FM007
Entries 1283004
J(23)

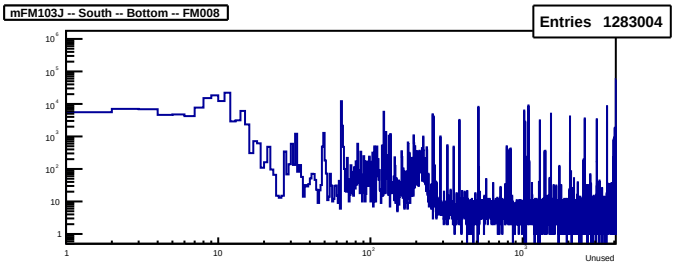

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 427337
J(23)

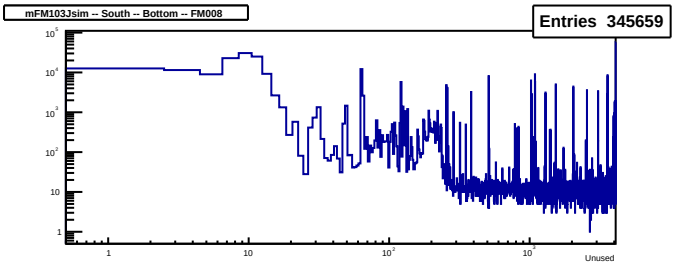

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2566008
JP-GH
JP-IJ

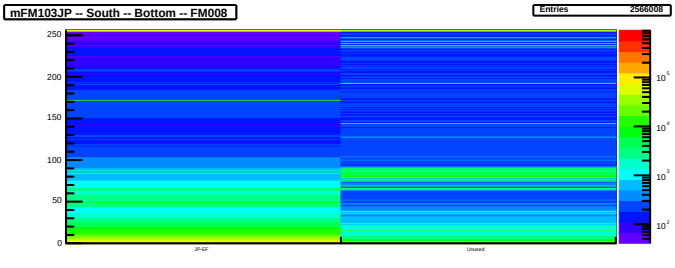

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 853101
JP-GH
JP-IJ

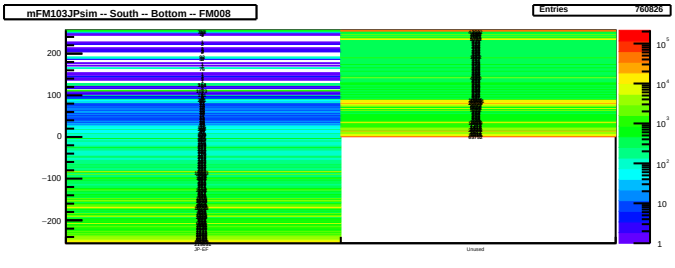

mFM103BS -- South -- Bottom --FM008
Entries 5132016
BS3
BS2
BS1-E
BS1-F

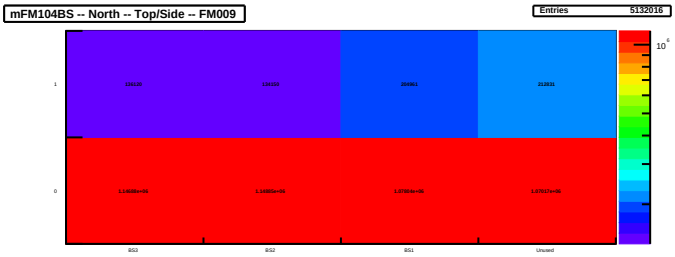

mFM103BSsim -- South -- Bottom --FM0008
Entries 1301116
BS3
BS2
BS1-E
BS1-F

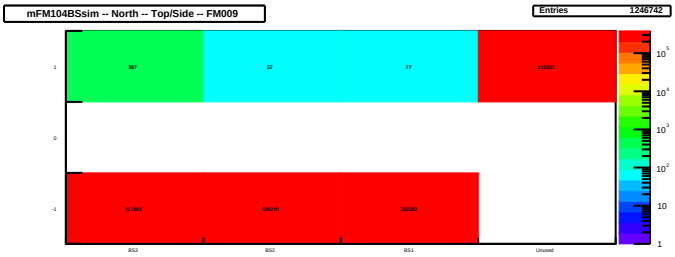

mFM103J -- South -- Bottom -- FM008
Entries 1283004
Unused

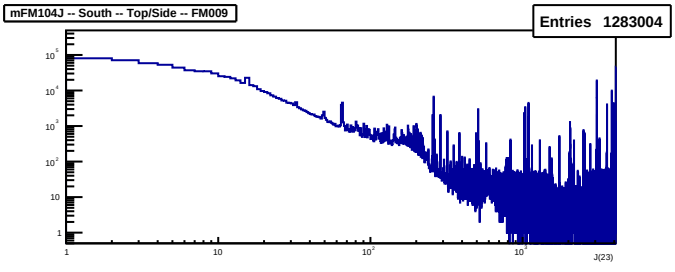

mFM103Jsim -- South -- Bottom -- FM008
Entries 345659
Unused

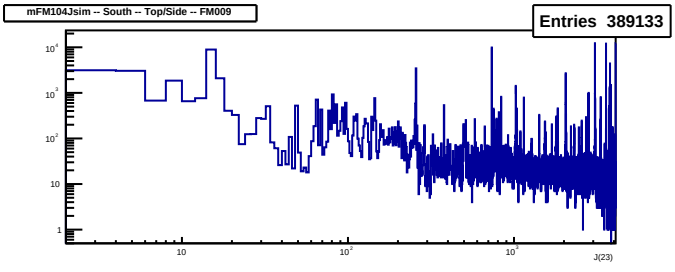

mFM103JP -- South -- Bottom -- FM008
Entries 2566008
JP-EF
Unused

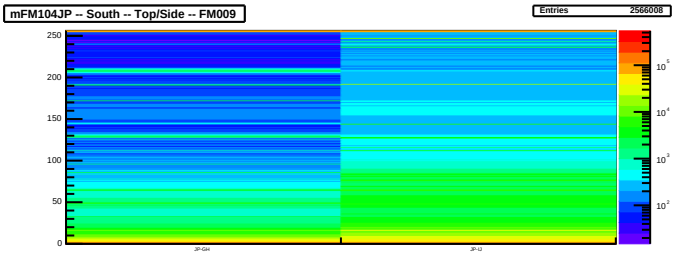

mFM103JPsim -- South -- Bottom -- FM008
Entries 760826
JP-EF
Unused

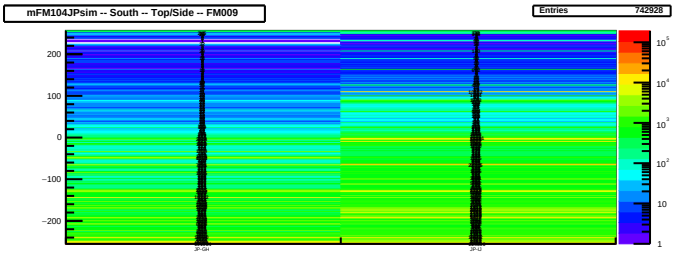

mFM104BS -- North -- Top/Side -- FM009
Entries 5132016

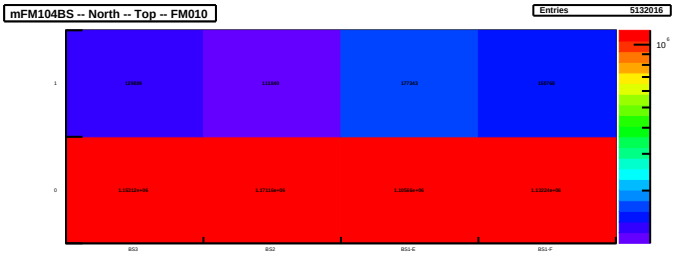

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1246742

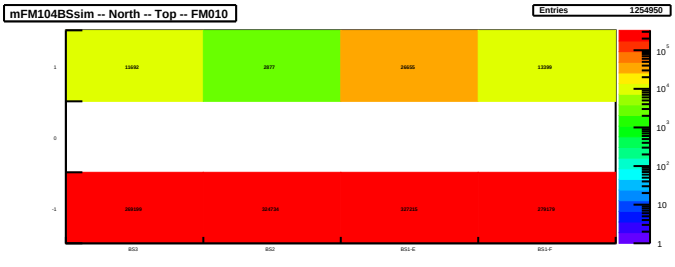

mFM104J -- South -- Top/Side -- FM009
Entries 1283004
J(23)

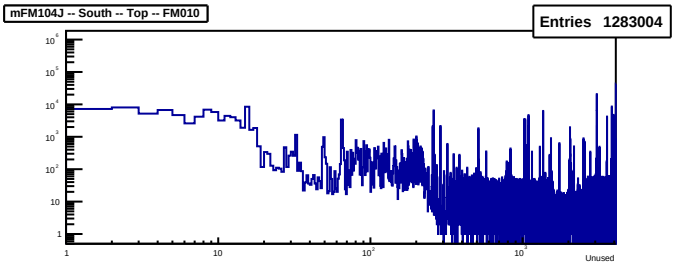

mFM104Jsim -- South -- Top/Side -- FM009
Entries 389133
J(23)

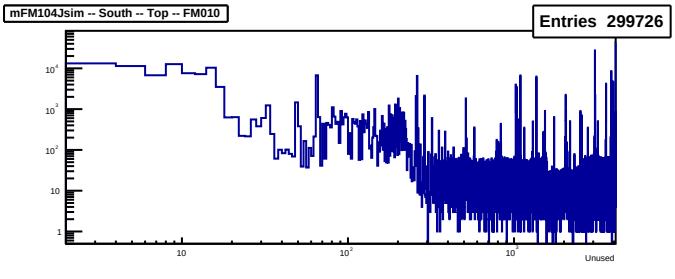

mFM104JP -- South -- Top/Side -- FM009
Entries 2566008

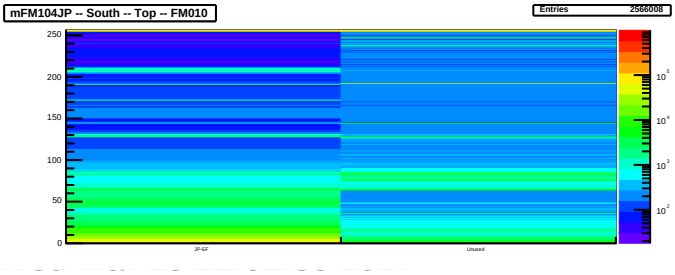

mFM104JPsim -- South -- Top/Side -- FM009
Entries 742928

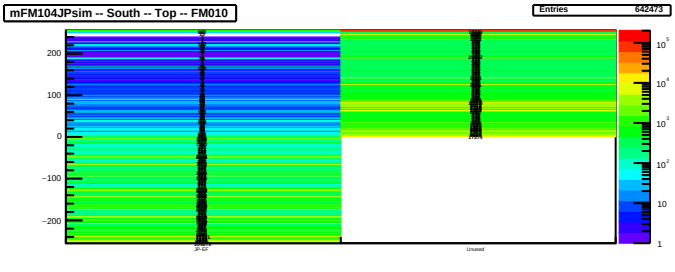

mFM104BS -- North -- Top -- FM010
Entries 5132016

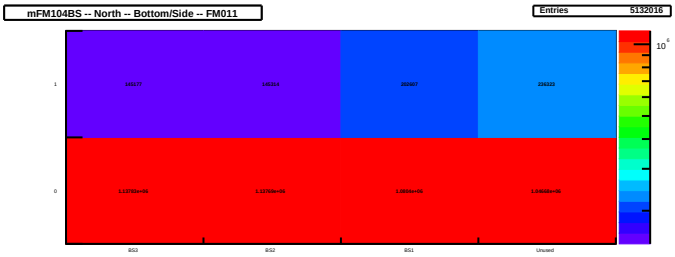

mFM104BSsim -- North -- Top -- FM010
Entries 1254950

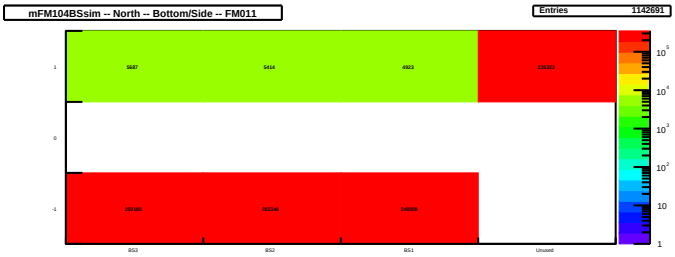

mFM104J -- South -- Top -- FM010
Entries 1283004
Unused

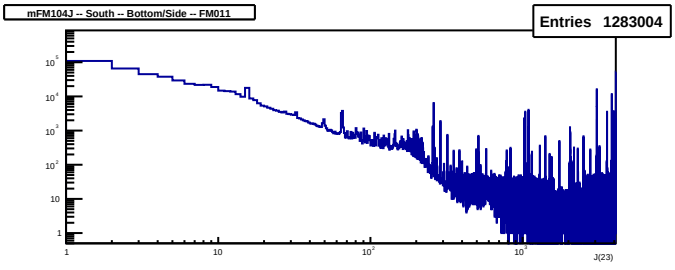

mFM104Jsim -- South -- Top -- FM010
Entries 299726
Unused

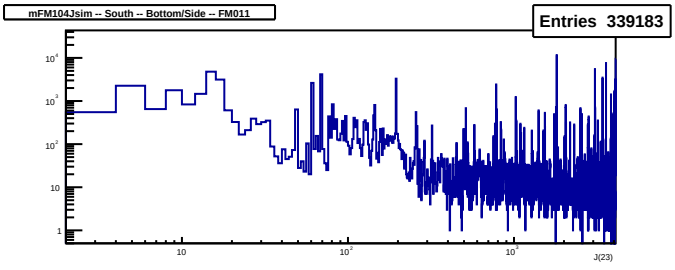

mFM104JP -- South -- Top -- FM010
Entries 2566008

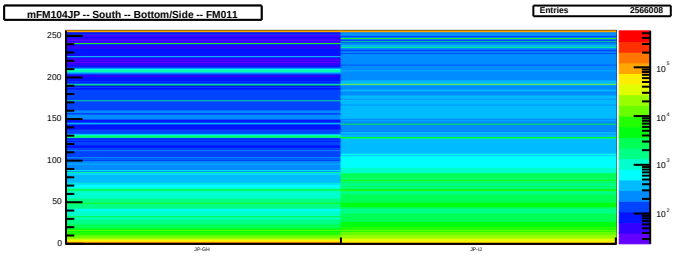

mFM104JPsim -- South -- Top -- FM010
Entries 642473

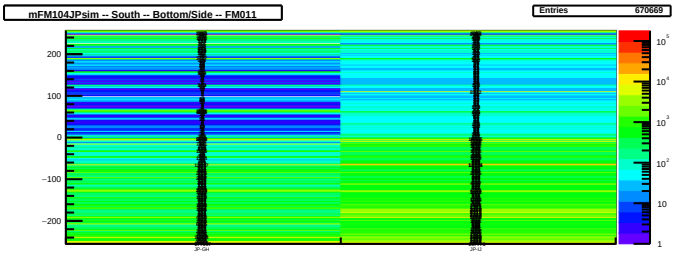

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5132016
BS3
BS2
BS1
Unused

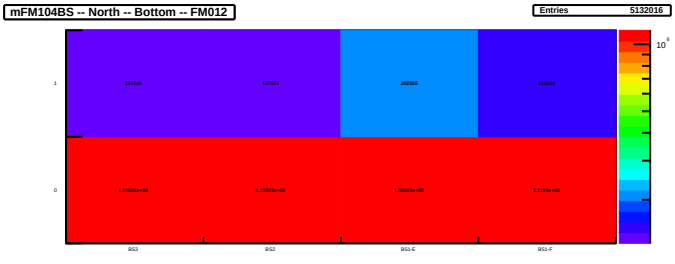

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1142691
BS3
BS2
BS1
Unused

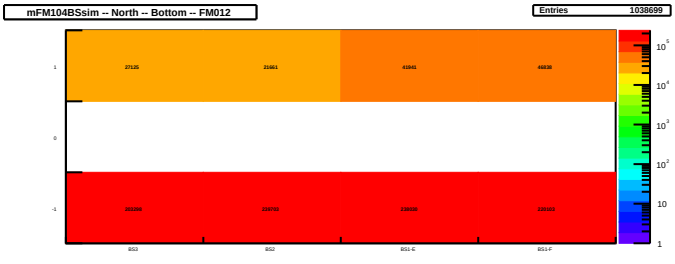

mFM104J -- South -- Bottom/Side -- FM011
Entries 1283004
J(23)

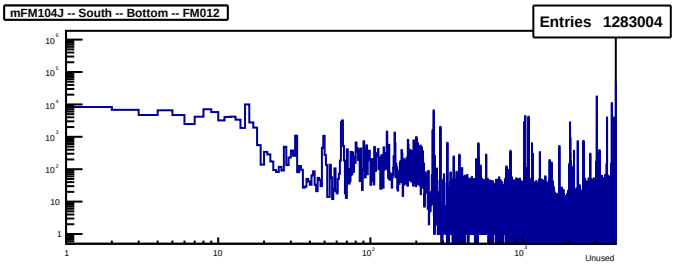

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 339183
J(23)

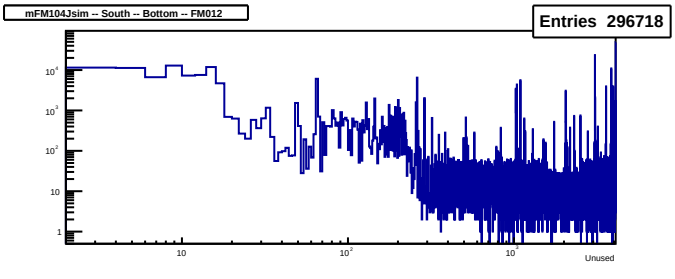

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2566008

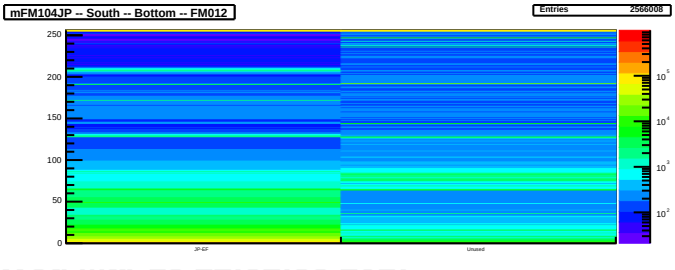

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 670669

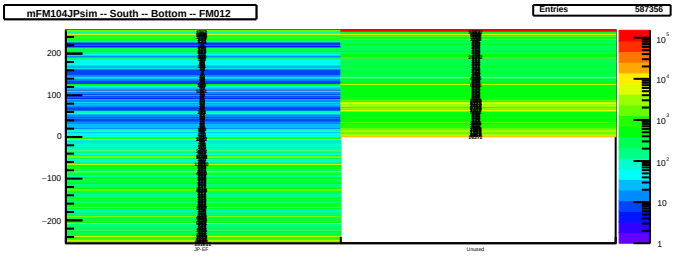

mFM104BS -- North -- Bottom -- FM012
Entries 5132016
BS3
BS2
BS1-E
BS1-F

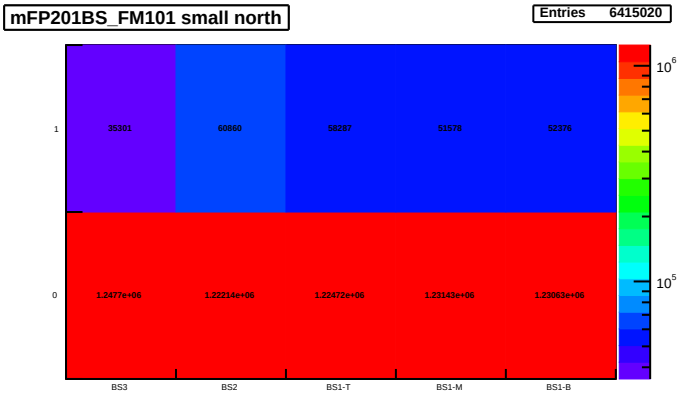

mFM104BSsim -- North -- Bottom -- FM012
Entries 1038699
BS3
BS2
BS1-E
BS1-F

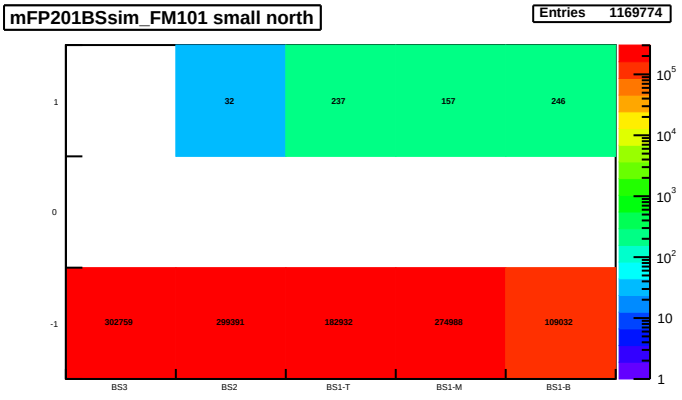

mFM104J -- South -- Bottom -- FM012
Entries 1283004
Unused

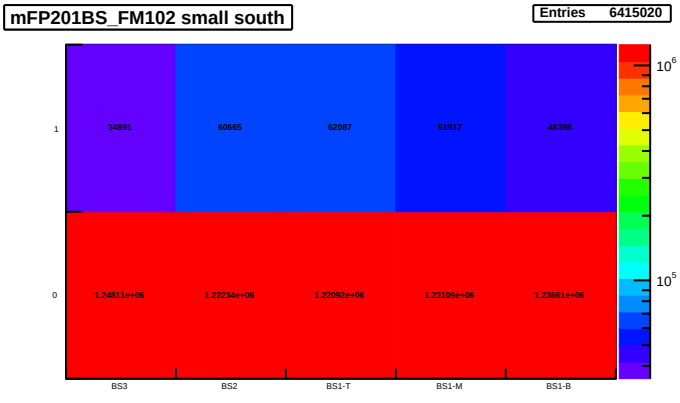

mFM104Jsim -- South -- Bottom -- FM012
Entries 296718
Unused

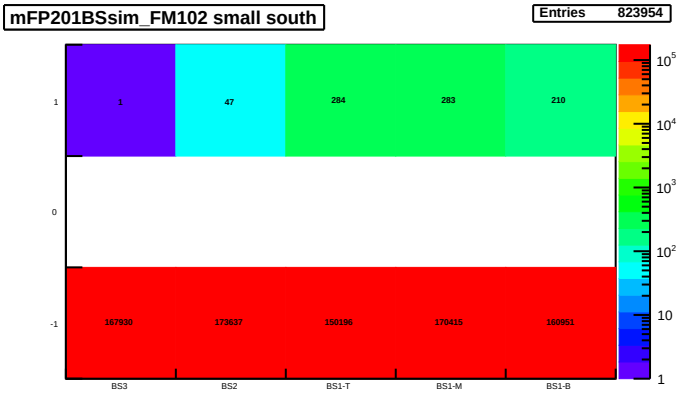

mFM104JP -- South -- Bottom -- FM012
Entries 2566008
Unused

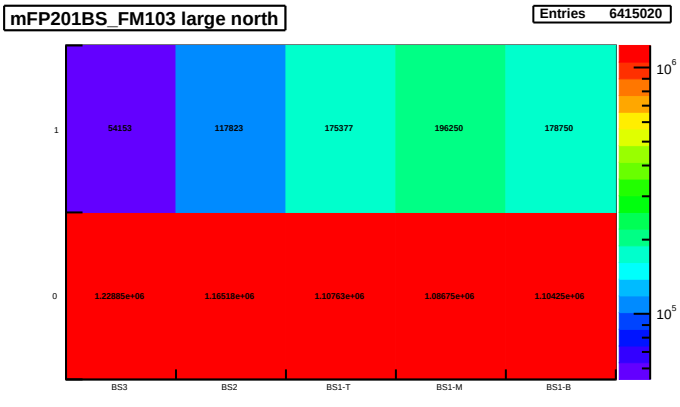

mFM104JPsim -- South -- Bottom -- FM012
Entries 587356
Unused

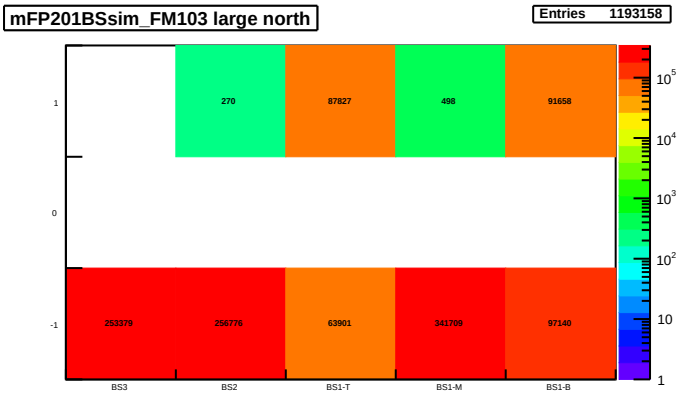

mFP201BS_FM101 small north
Entries 6415020
35301
60860
58287
51578
52376
1.2477e+06
1.22214e+06
1.22472e+06
1.23143e+06
1.23063e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

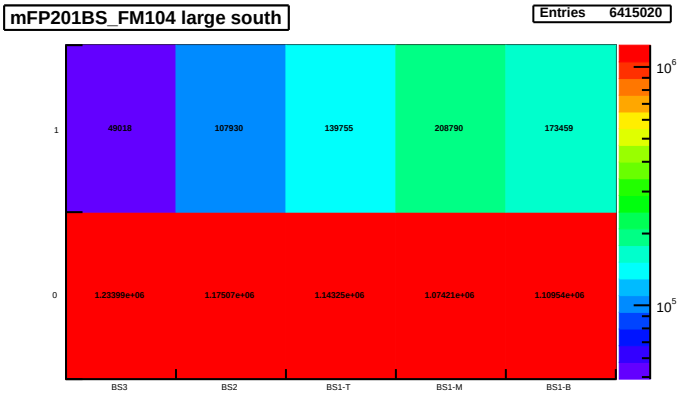

mFP201BSsim_FM101 small north
Entries 1169774
32
237
157
246
302759
299391
182932
274988
109032
BS3
BS2
BS1-T
BS1-M
BS1-B

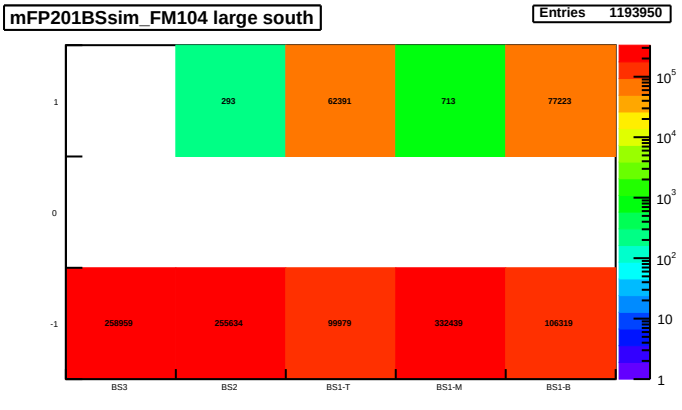

mFP201BS_FM102 small south
Entries 6415020
34891
60665
62087
51917
46398
1.24811e+06
1.22234e+06
1.22092e+06
1.23109e+06
1.23661e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

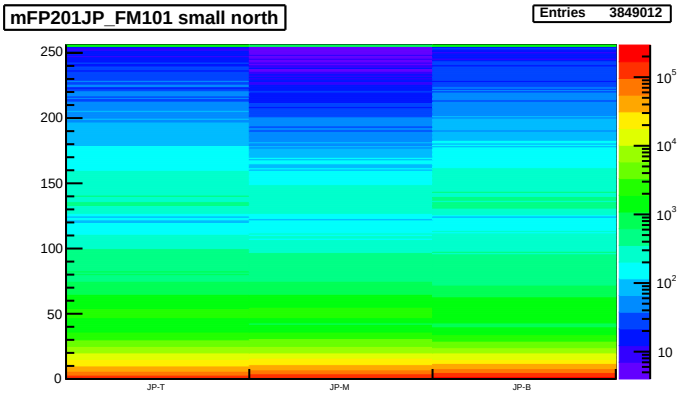

mFP201BSsim_FM102 small south
Entries 823954
1
47
284
283
210
167930
173637
150196
170415
160951
BS3
BS2
BS1-T
BS1-M
BS1-B

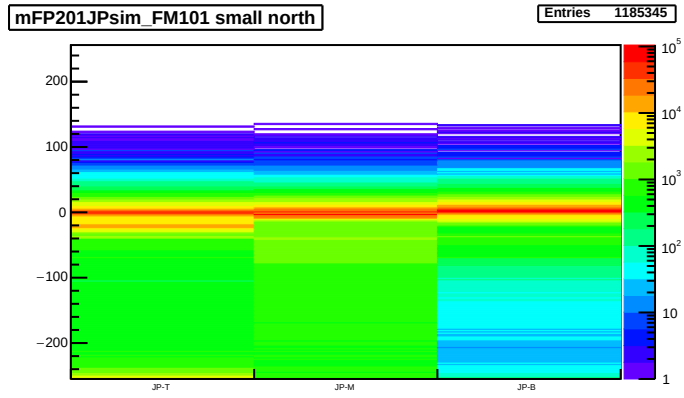

mFP201BS_FM103 large north
Entries 6415020
54153
117823
175377
196250
178750
1.22885e+06
1.16518e+06
1.10763e+06
1.08675e+06
1.10425e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

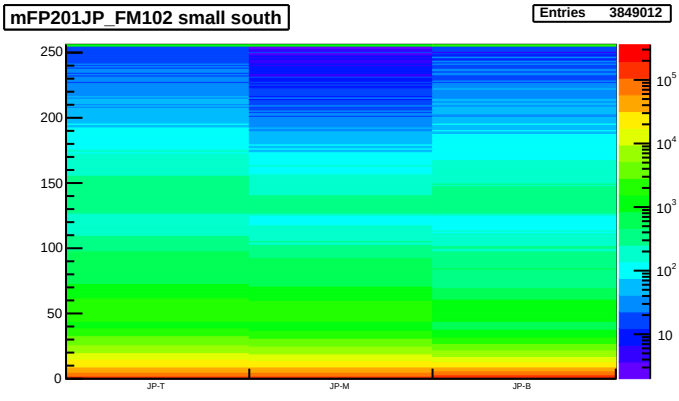

mFP201BSsim_FM103 large north
Entries 1193158
270
87827
498
91658
253379
256776
63901
341709
97140
BS3
BS2
BS1-T
BS1-M
BS1-B

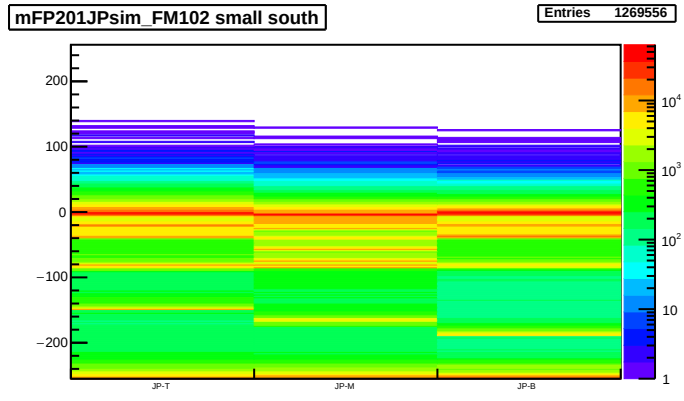

mFP201BS_FM104 large south
Entries 6415020
49018
107930
139755
208790
173459
1.23399e+06
1.17507e+06
1.14325e+06
1.07421e+06
1.10954e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

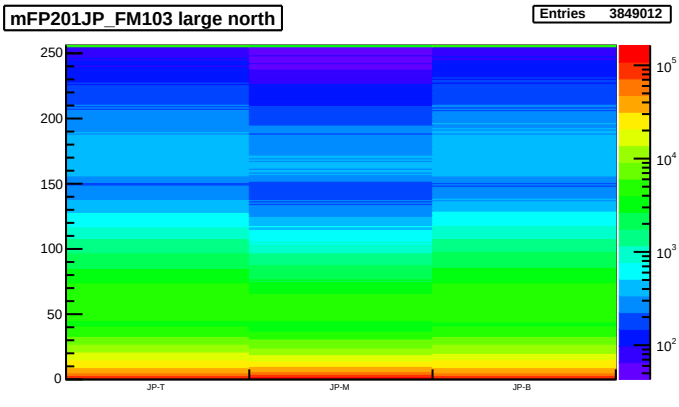

mFP201BSsim_FM104 large south
Entries 1193950
293
62391
713
77223
258959
255634
99979
332439
106319
BS3
BS2
BS1-T
BS1-M
BS1-B

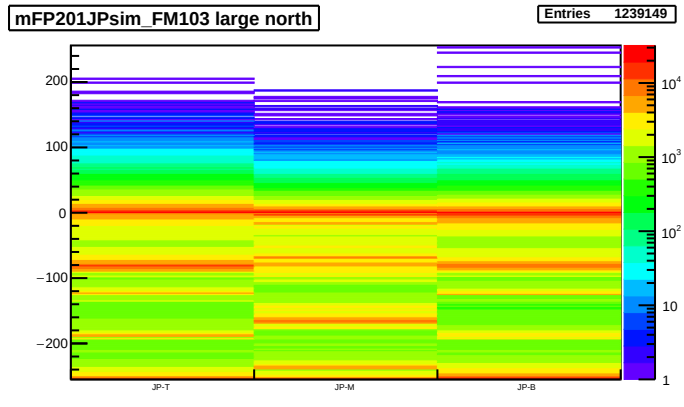

mFP201JP_FM101 small north
Entries 3849012
JP-T
JP-M
JP-B

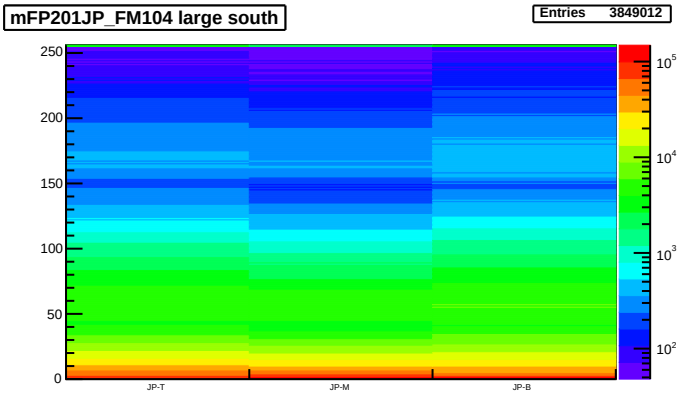

mFP201JPsim_FM101 small north
Entries 1185345
JP-T
JP-M
JP-B

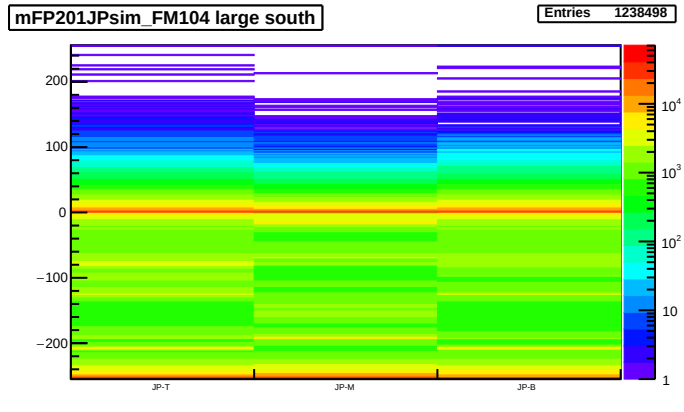

mFP201JP_FM102 small south
Entries 3849012
JP-T
JP-M
JP-B

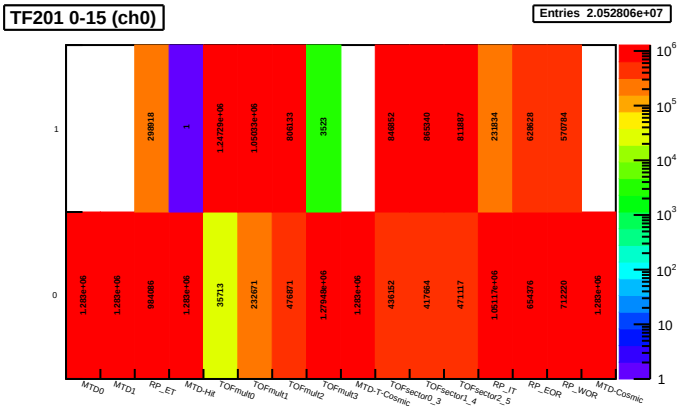

mFP201JPsim_FM102 small south
Entries 1269556
JP-T
JP-M
JP-B

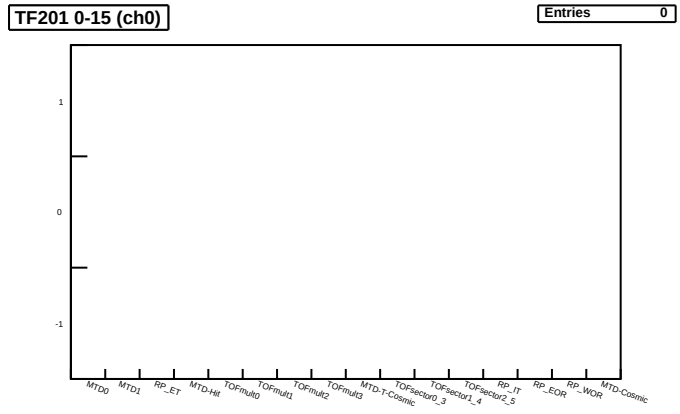

mFP201JP_FM103 large north
Entries 3849012
JP-T
JP-M
JP-B

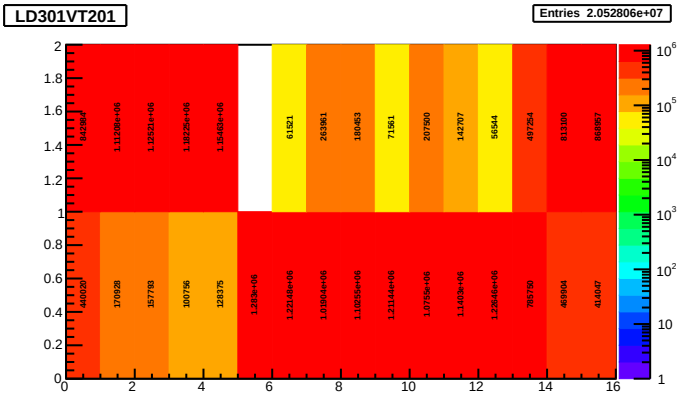

mFP201JPsim_FM103 large north
Entries 1239149
JP-T
JP-M
JP-B

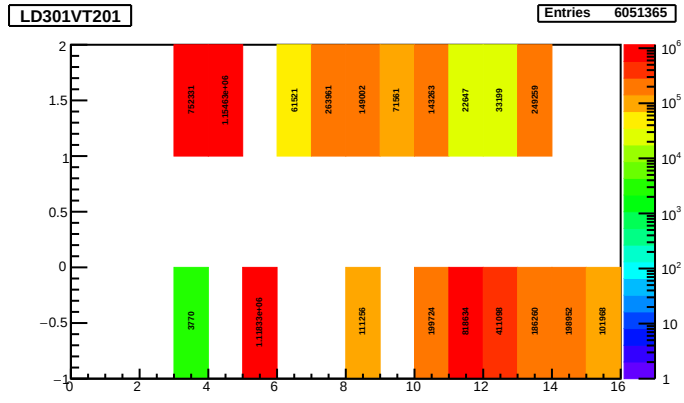

mFP201JP_FM104 large south
Entries 3849012
JP-T
JP-M
JP-B

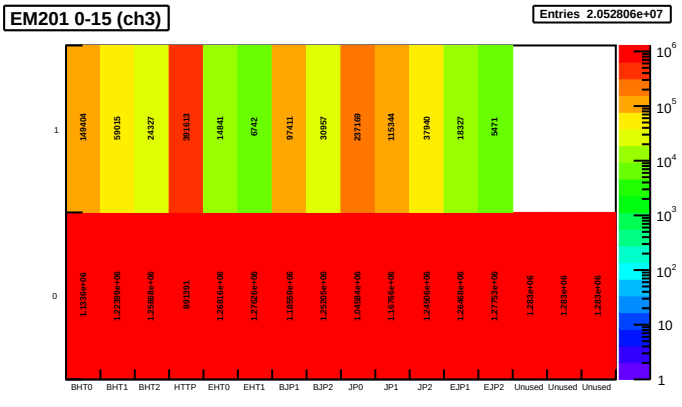

mFP201JPsim_FM104 large south
Entries 1238498
JP-T
JP-M
JP-B

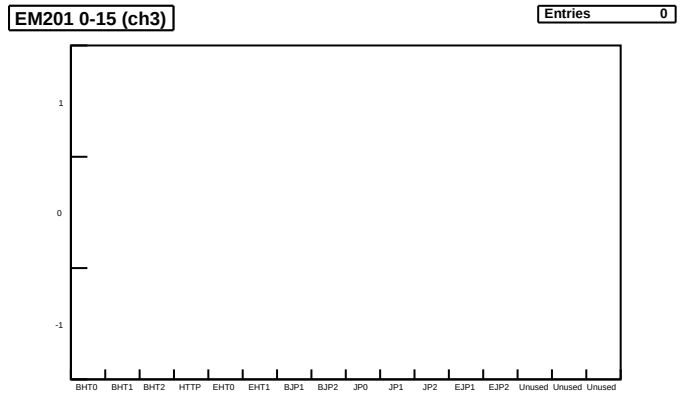

TF201 0-15 (ch0)
Entries 2.052806e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

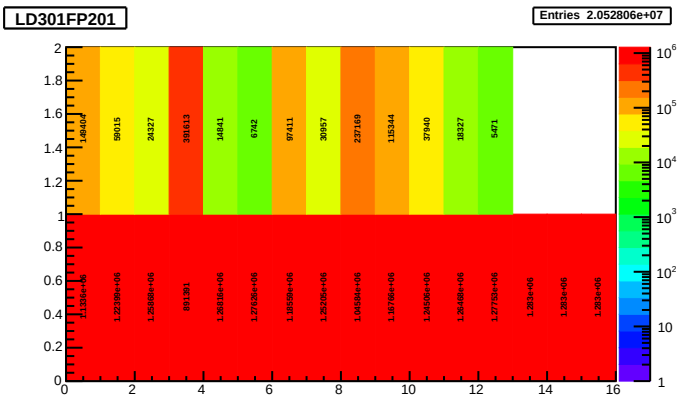

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

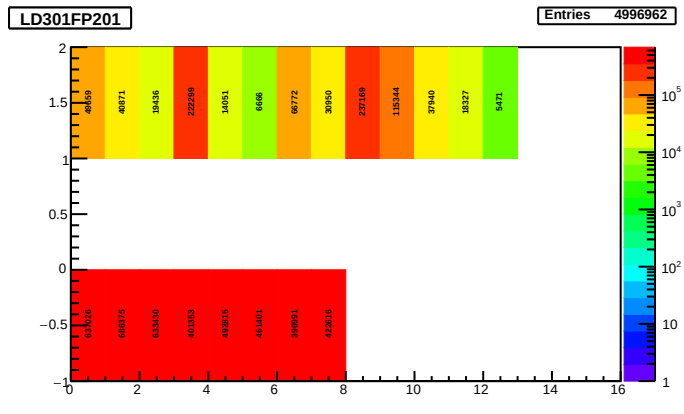

LD301VT201
Entries 2.052806e+07


LD301VT201
Entries 6051365


EM201 0-15 (ch3)
Entries 2.052806e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 2.052806e+07


LD301FP201
Entries 4996962