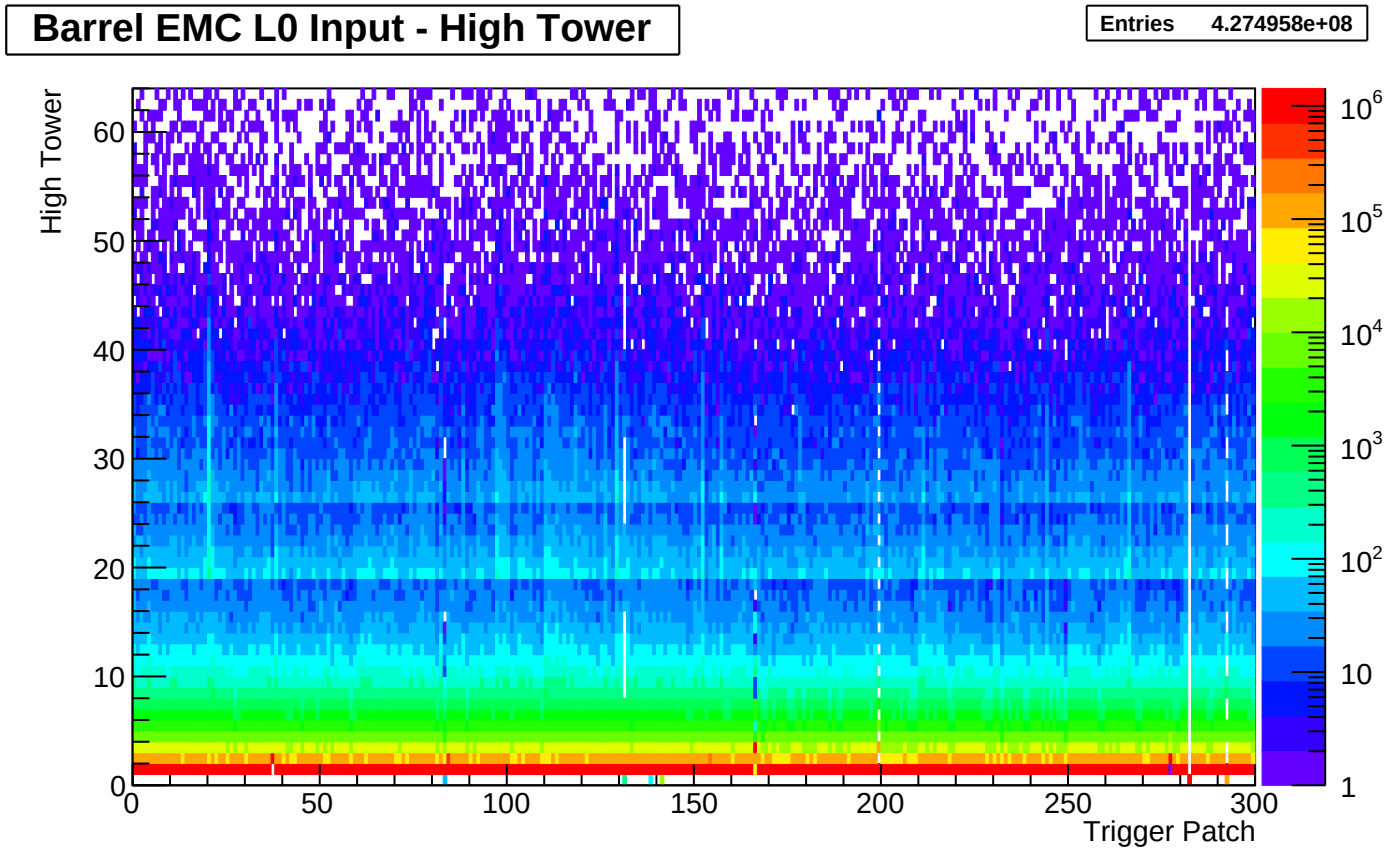
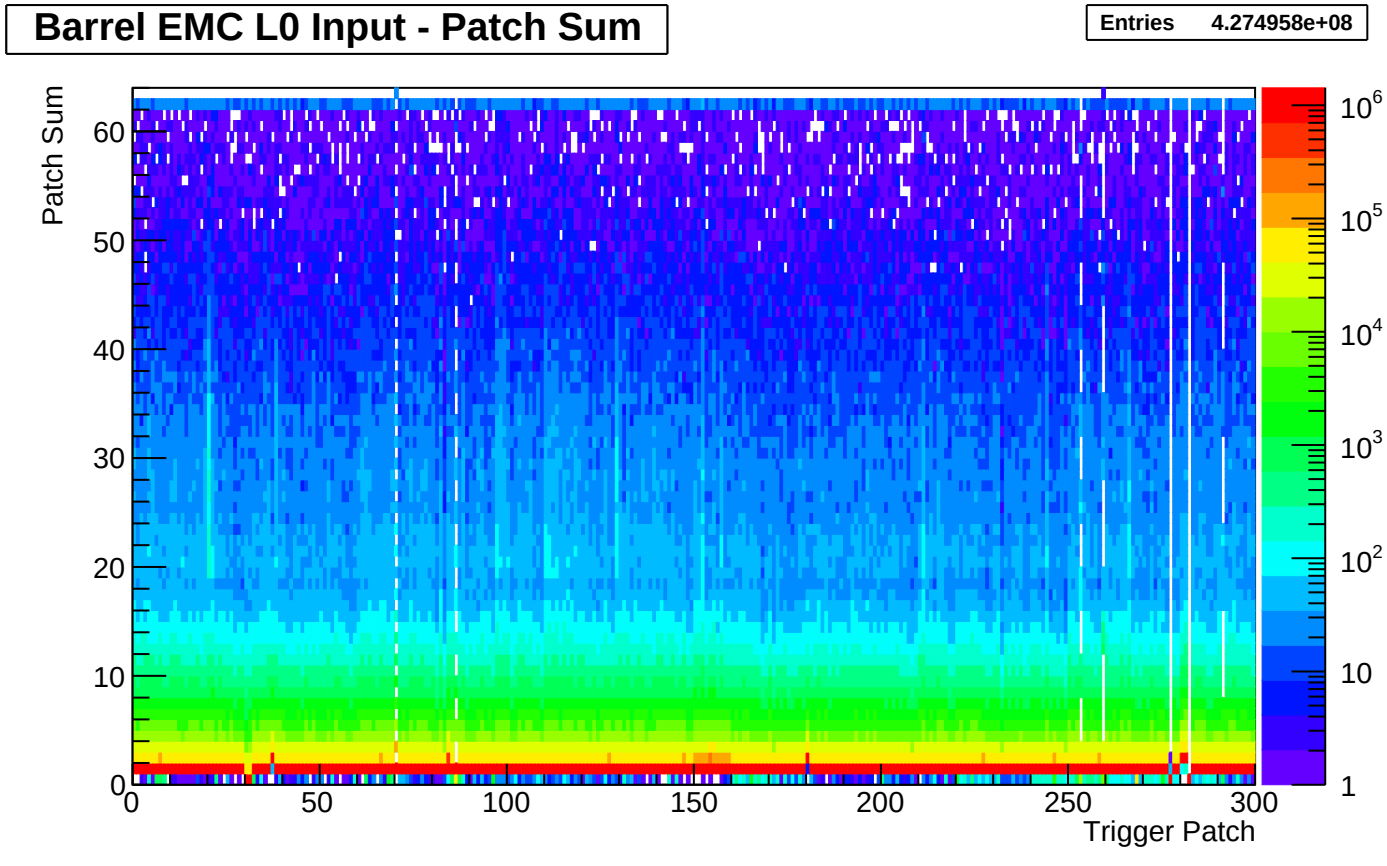
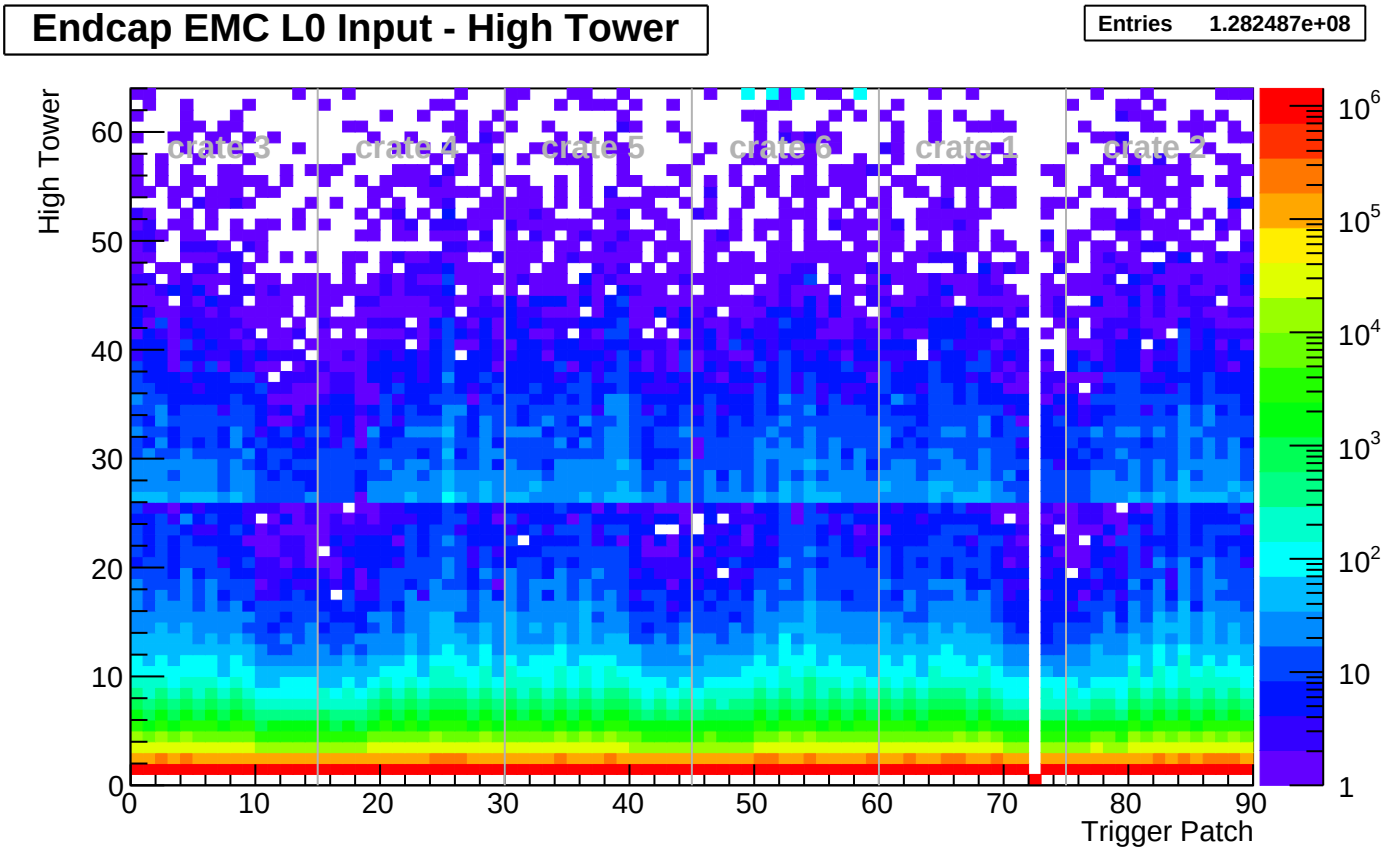
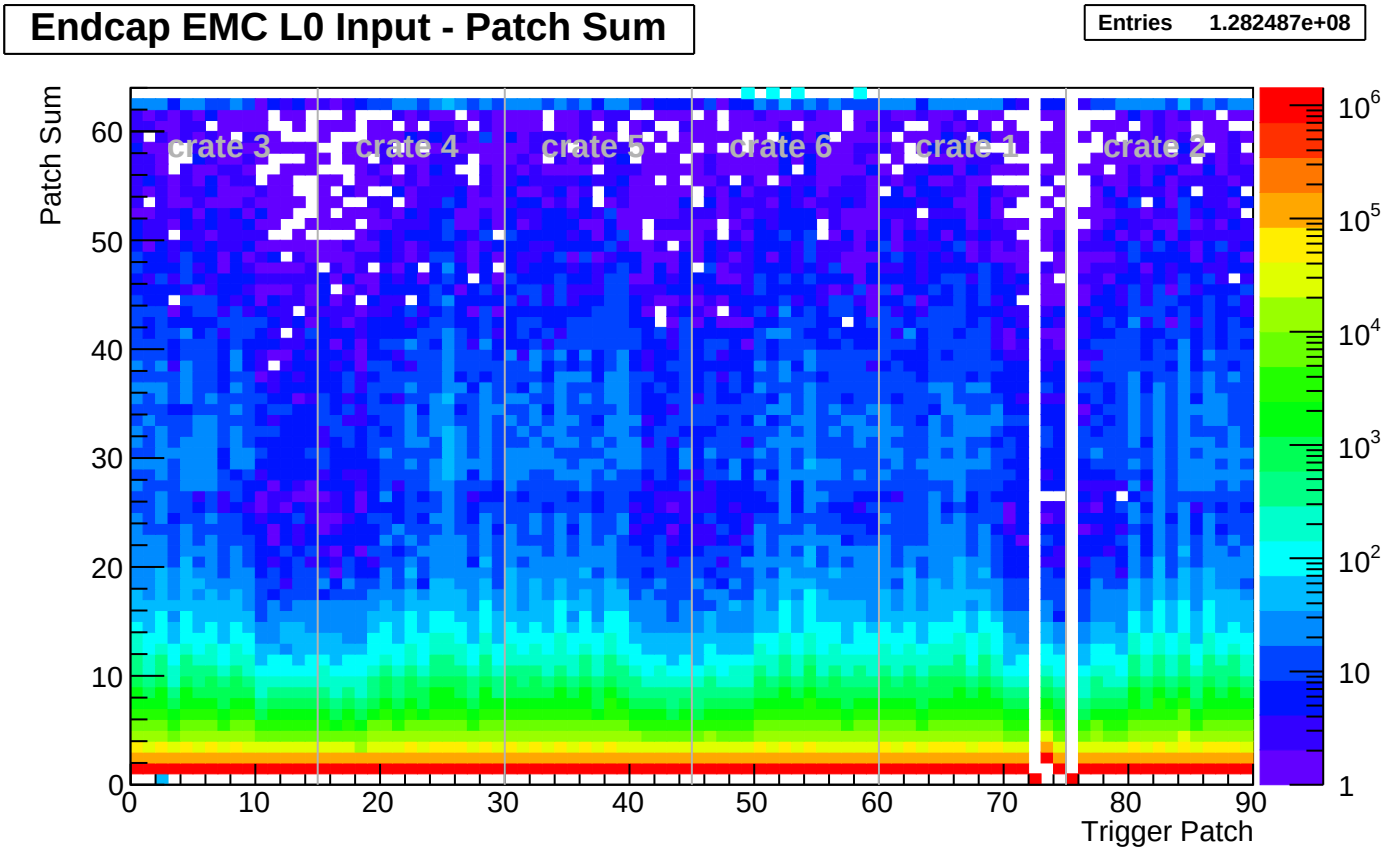
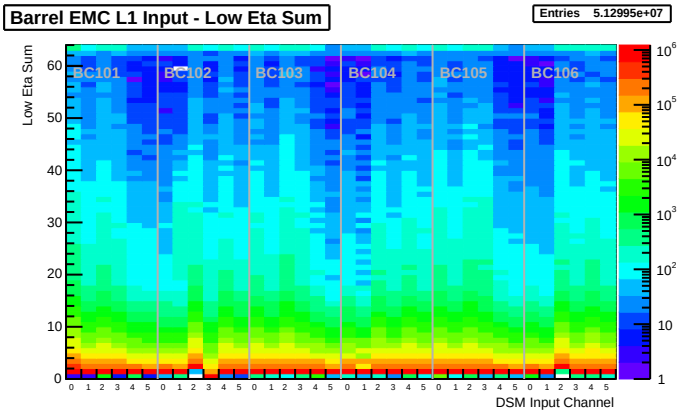
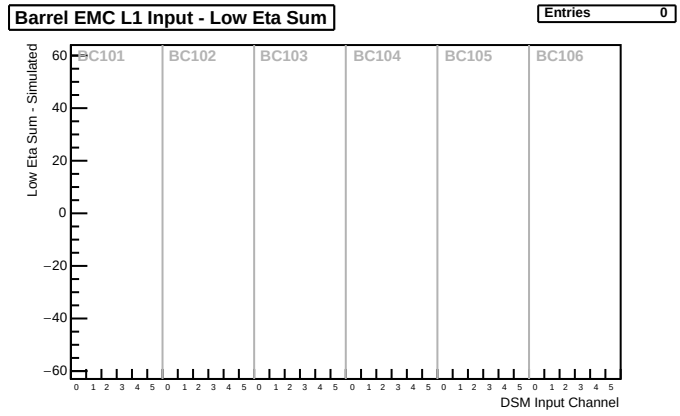

Barrel EMC L0 Input - High Tower
Entries 4.274958e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

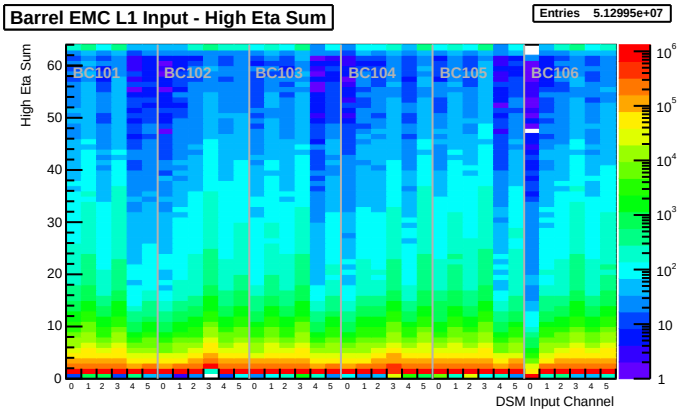

Barrel EMC L0 Input - Patch Sum
Entries 4.274958e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

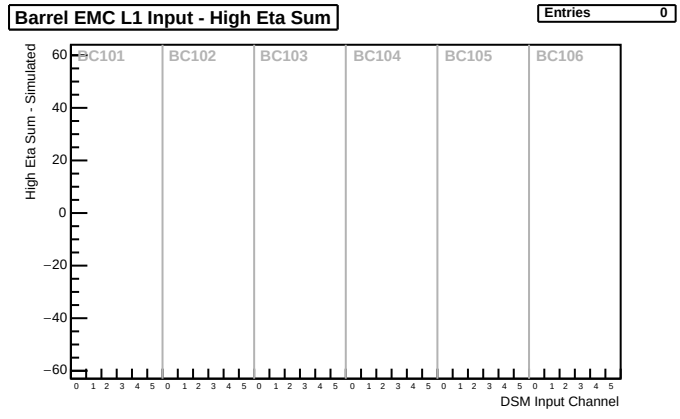

Endcap EMC L0 Input - High Tower
Entries 1.282487e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

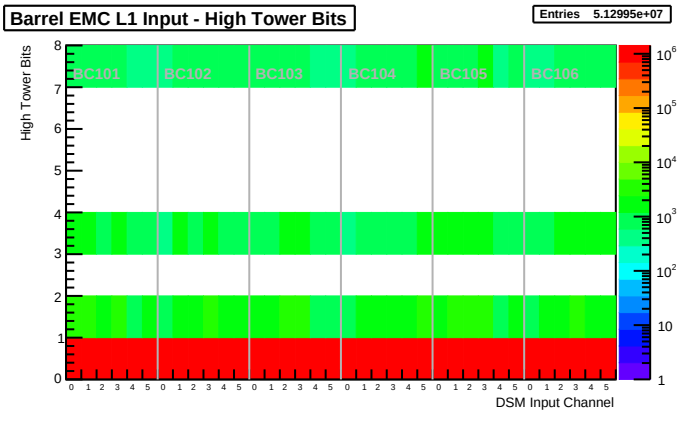

Endcap EMC L0 Input - Patch Sum
Entries 1.282487e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

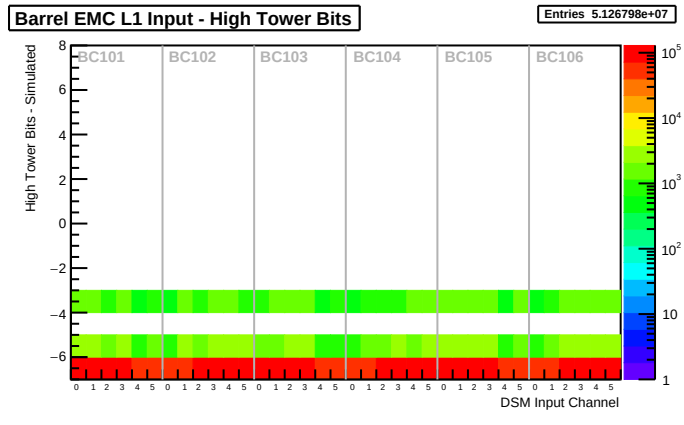

Barrel EMC L1 Input - Low Eta Sum
Entries 5.12995e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

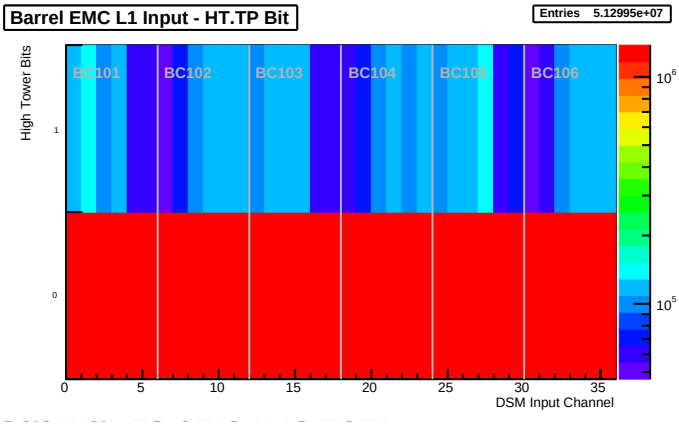

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

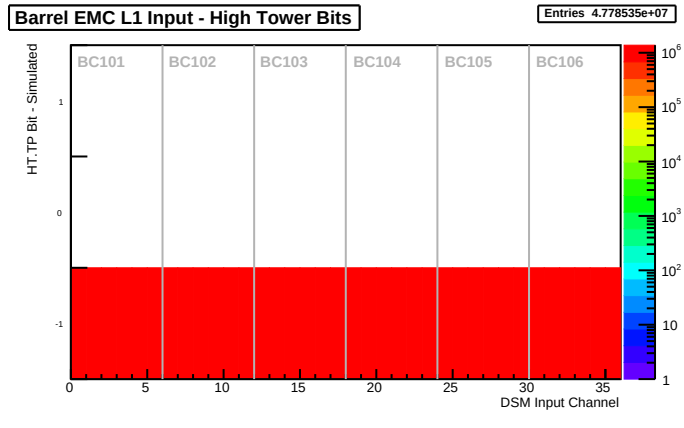

Barrel EMC L1 Input - High Eta Sum
Entries 5.12995e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

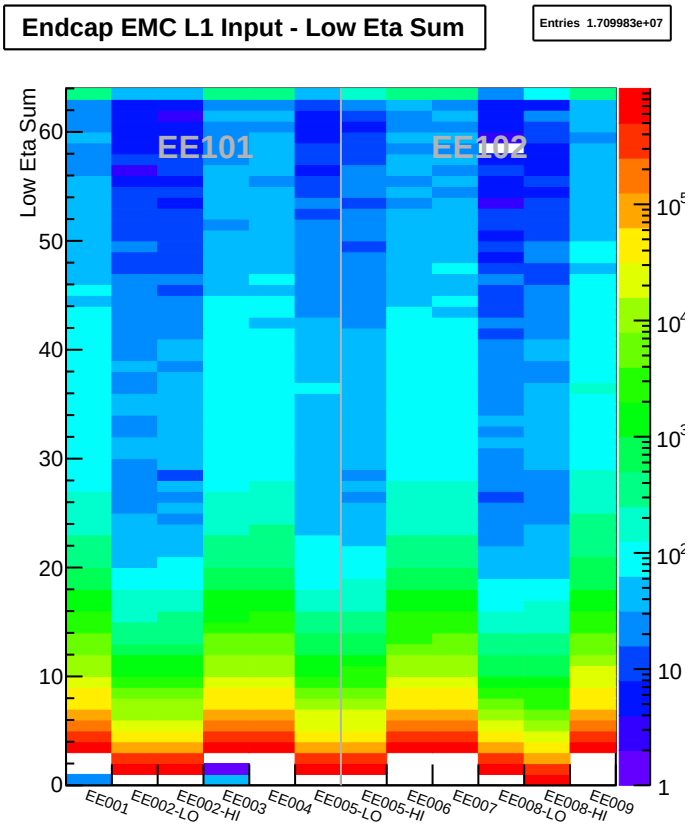

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

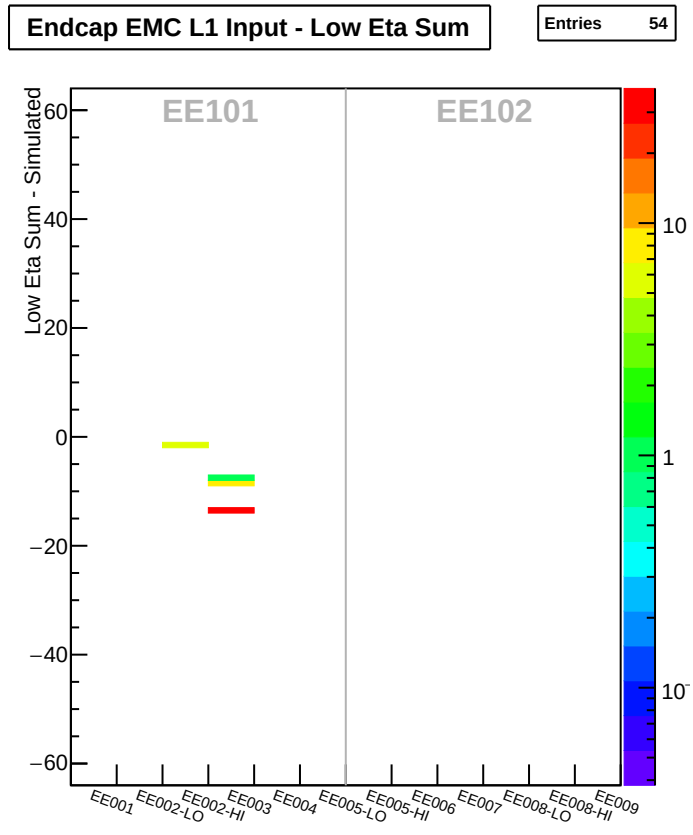

Barrel EMC L1 Input - High Tower Bits
Entries 5.12995e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

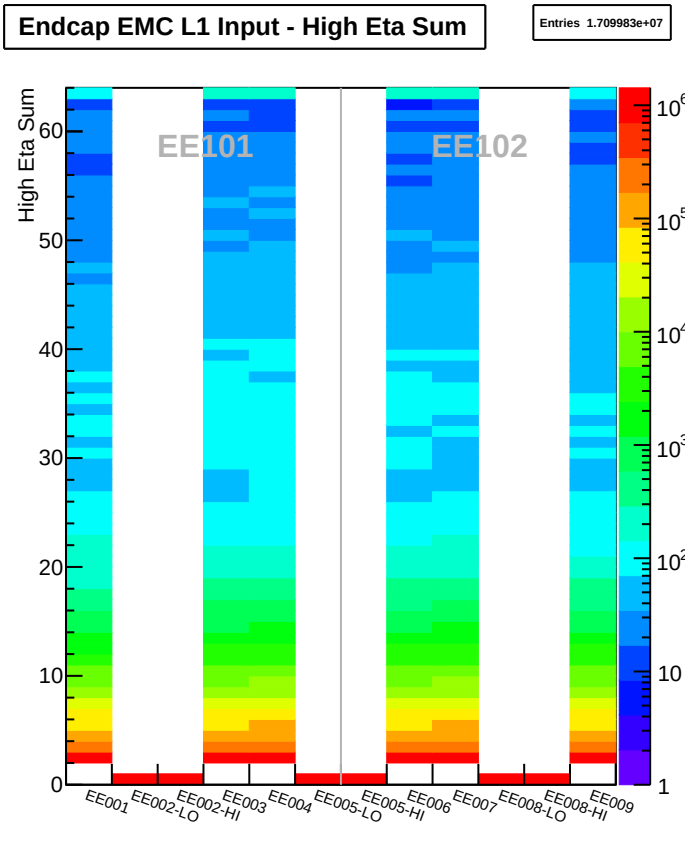

Barrel EMC L1 Input - High Tower Bits
Entries 5.126798e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

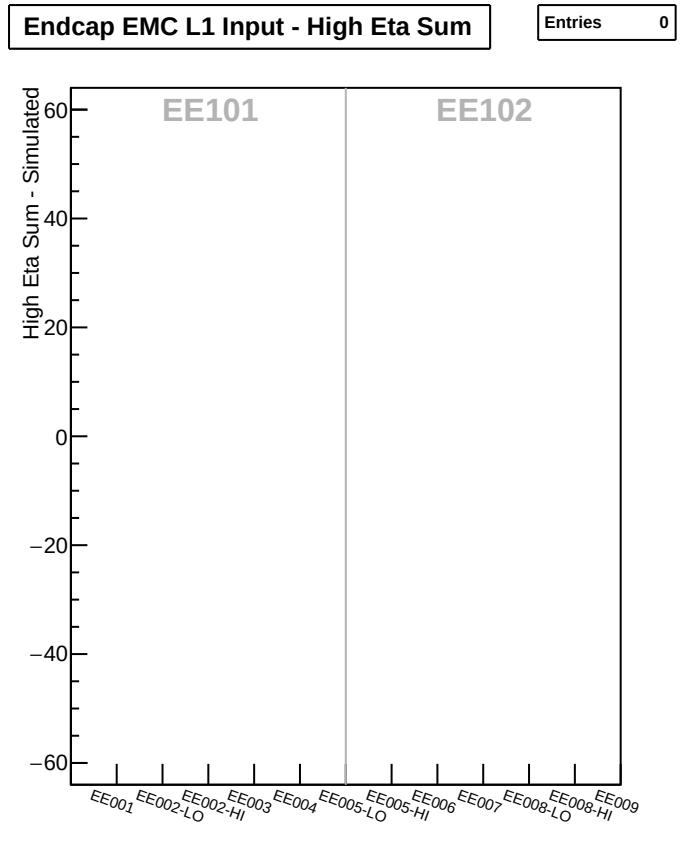

Barrel EMC L1 Input - HT.TP Bit
Entries 5.12995e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 4.778535e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 1.709983e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

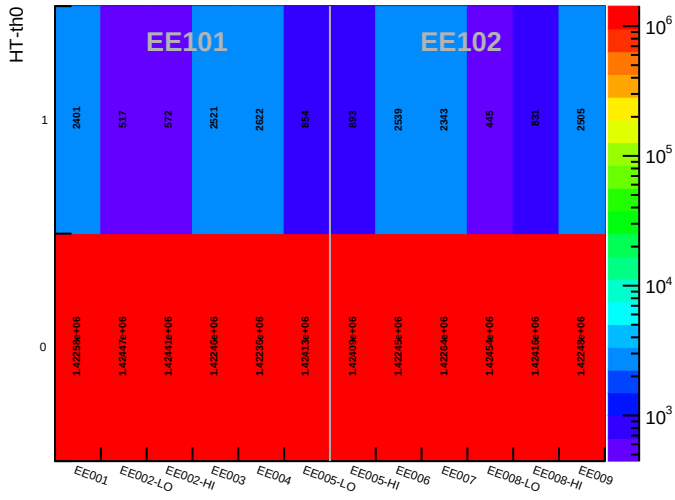

Endcap EMC L1 Input - Low Eta Sum
Entries 54
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 1.709983e+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

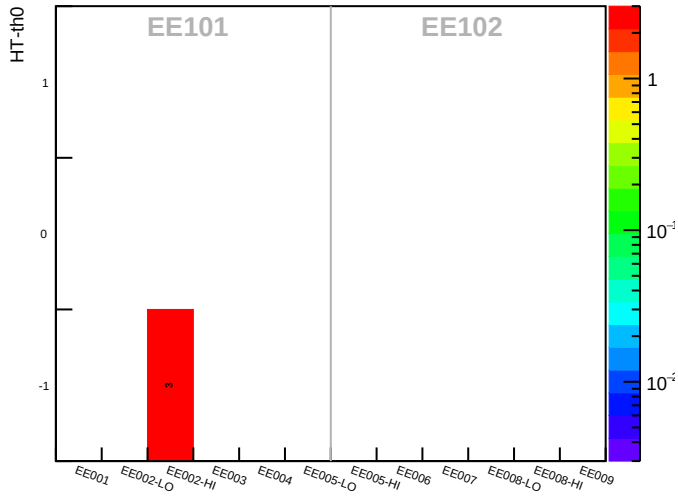
Endcap EMC L1 Input - HT-th0

Entries 1.709983e+07



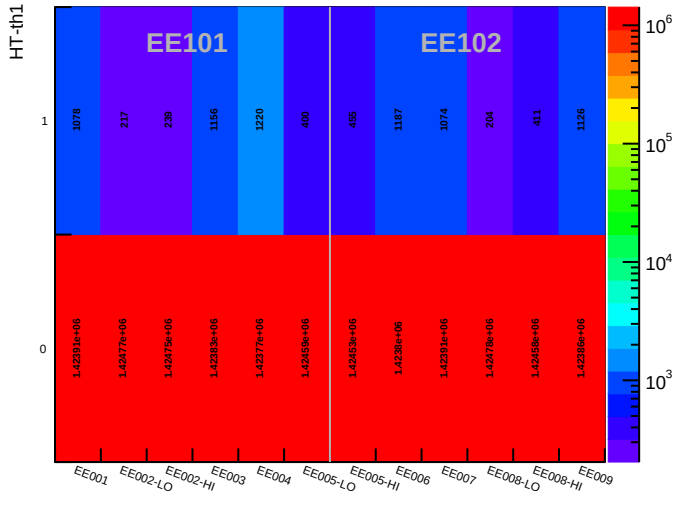
Endcap EMC L1 Input - HT-th0 Diff

Entries 3



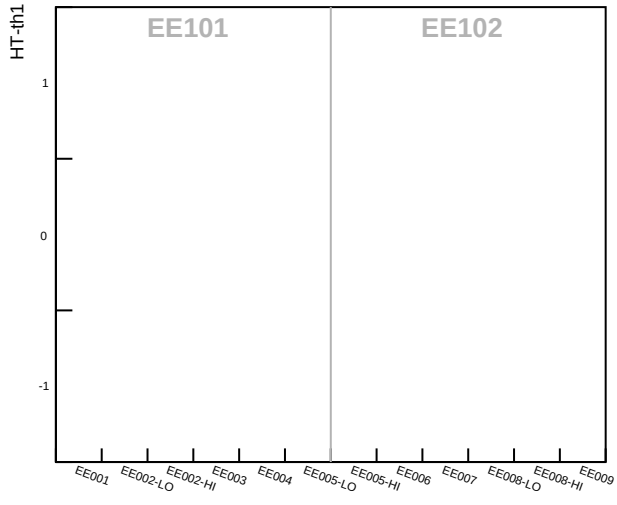
Endcap EMC L1 Input - HT-th1

Entries 1.709983e+07



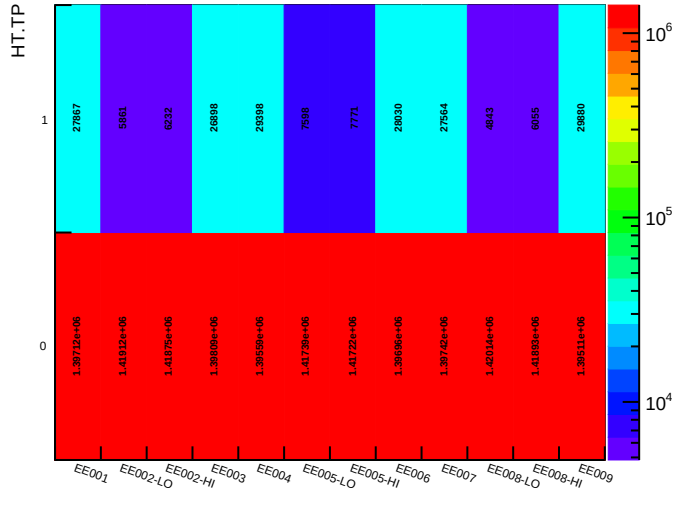
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



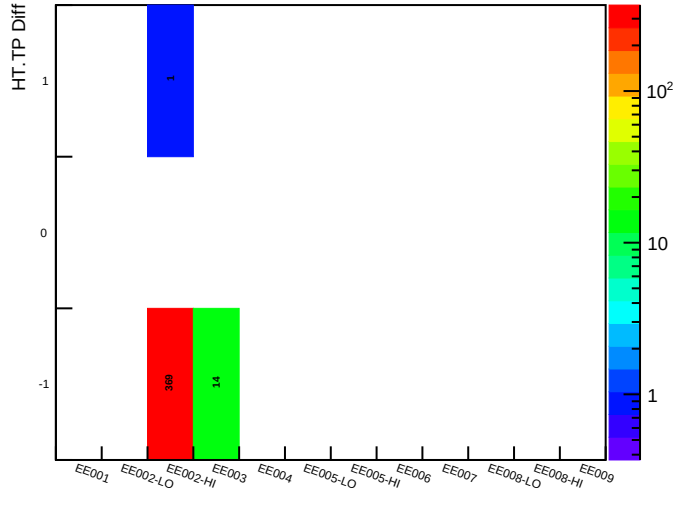
Endcap EMC L1 Input - HT.TP

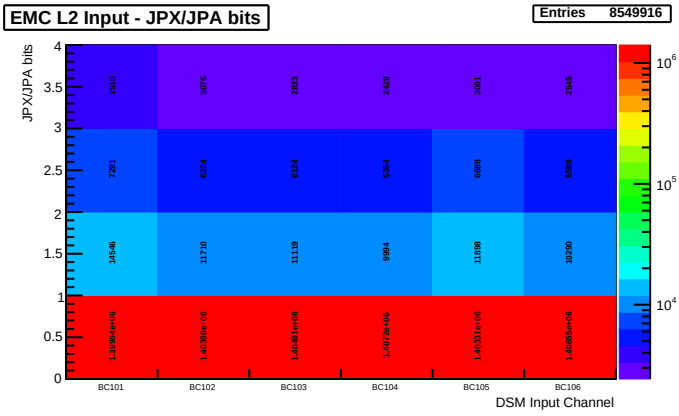
Entries 1.709983e+07

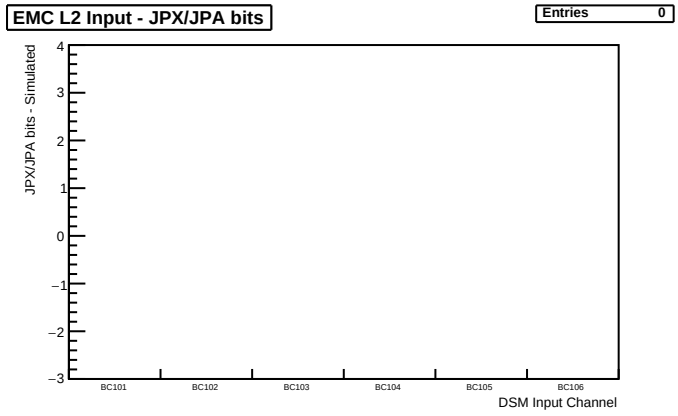


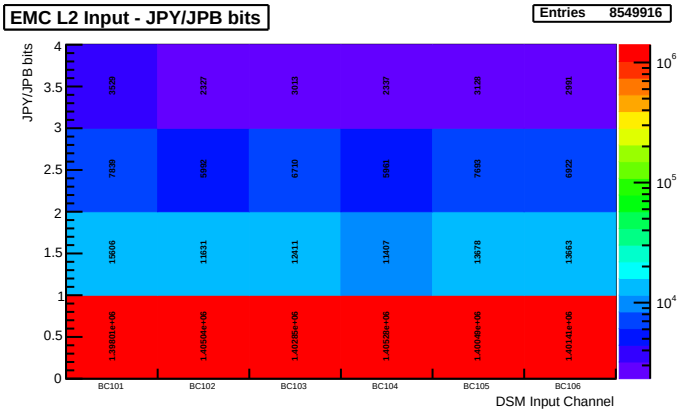
Endcap EMC L1 Input - HT.TP Diff

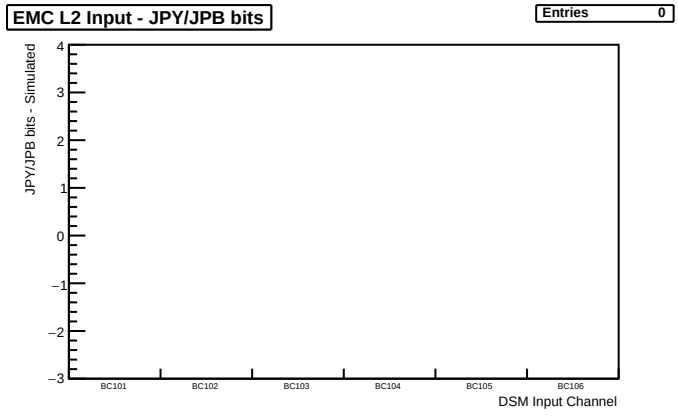
Entries 384

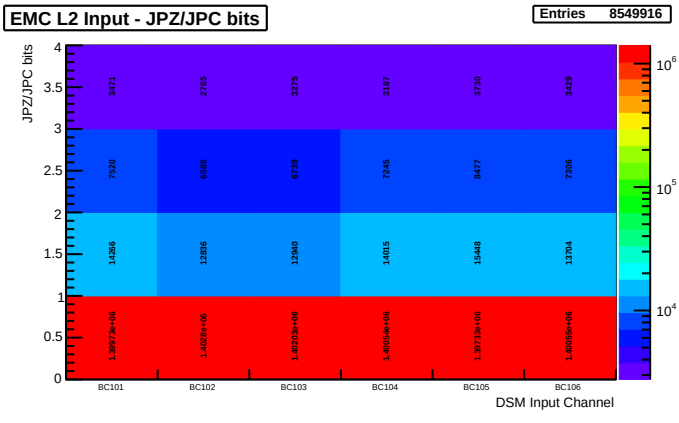


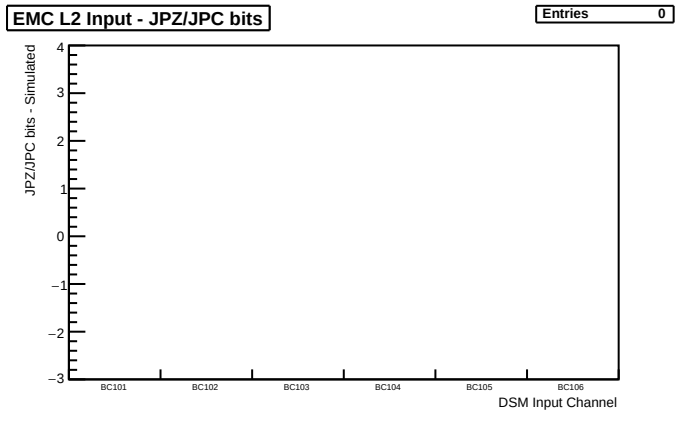

EMC L2 Input - JPX/JPA bits
Entries 8549916
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

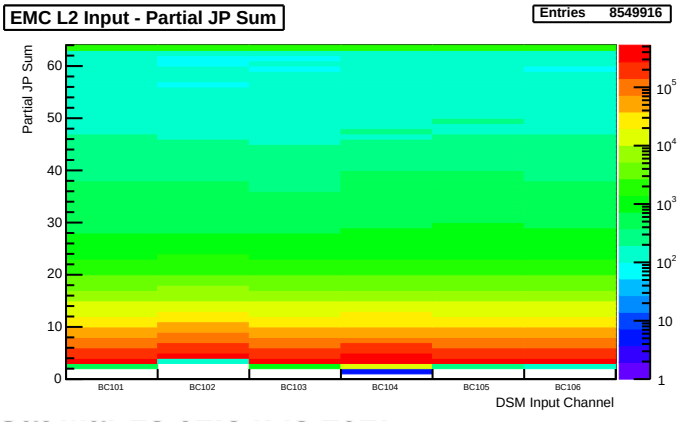

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

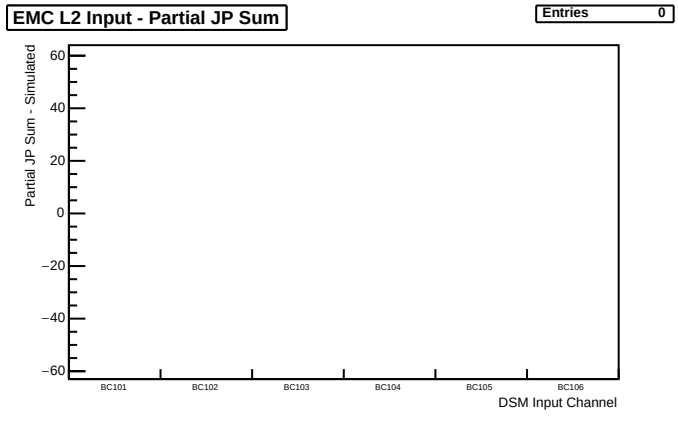

EMC L2 Input - JPY/JPB bits
Entries 8549916
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

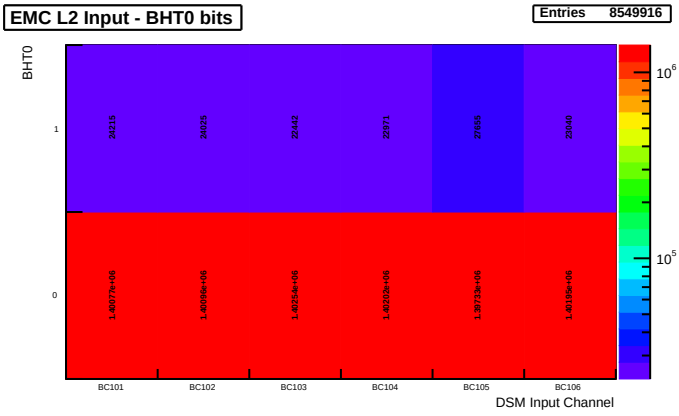

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

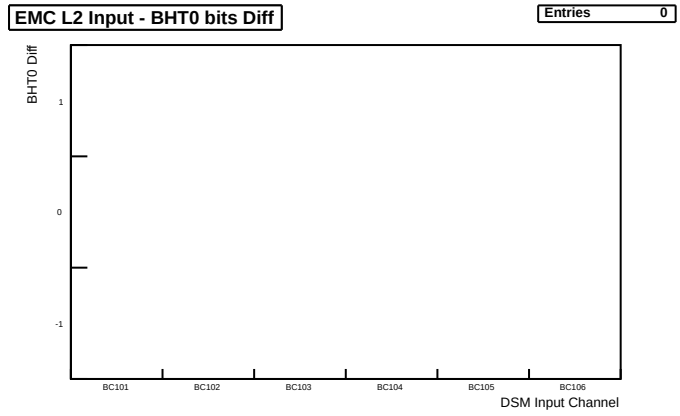

EMC L2 Input - JPZ/JPC bits
Entries 8549916
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

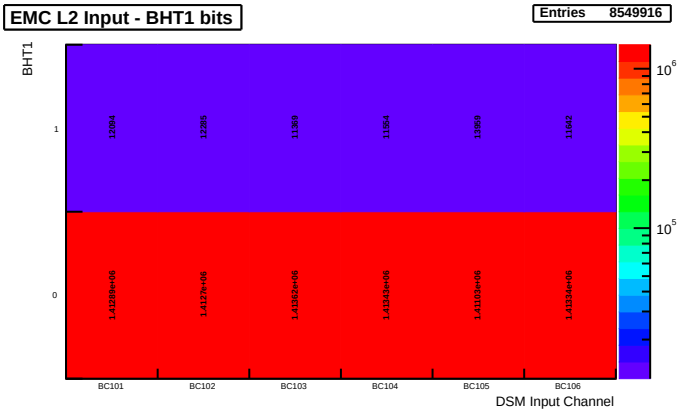

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

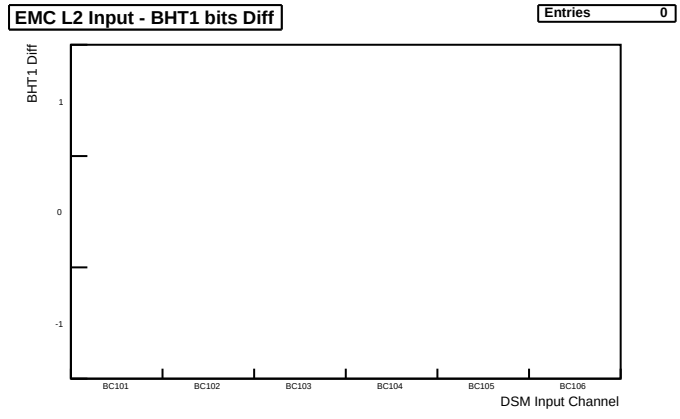

EMC L2 Input - Partial JP Sum
Entries 8549916
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

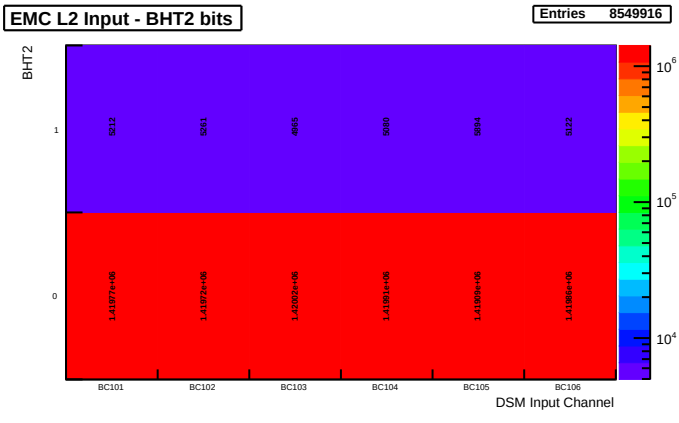

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

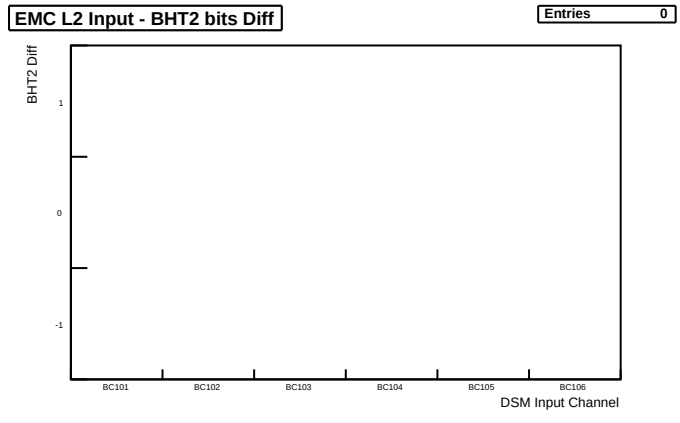

EMC L2 Input - BHT0 bits
Entries 8549916
BHT0
24215
24025
22442
23971
27655
23040
1.40077e+06
1.40096e+06
1.40254e+06
1.40202e+06
1.39773e+06
1.40195e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

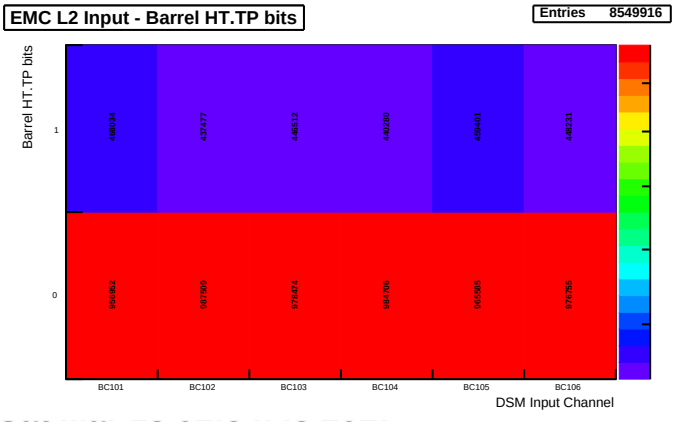

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

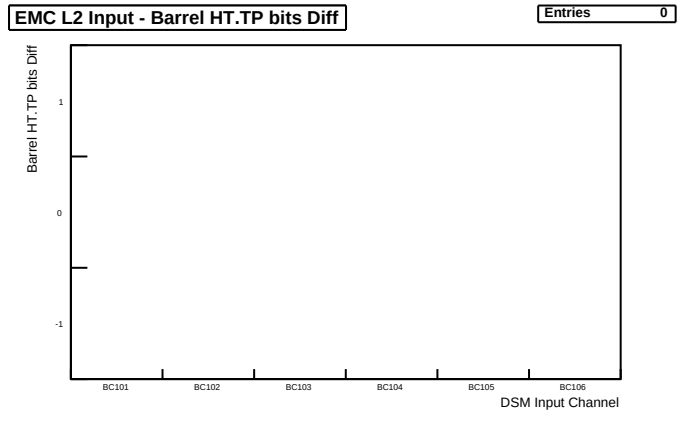

EMC L2 Input - BHT1 bits
Entries 8549916
BHT1
12084
12285
11389
11554
13959
11642
1.41289e+06
1.4127e+06
1.41362e+06
1.41343e+06
1.41103e+06
1.41334e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

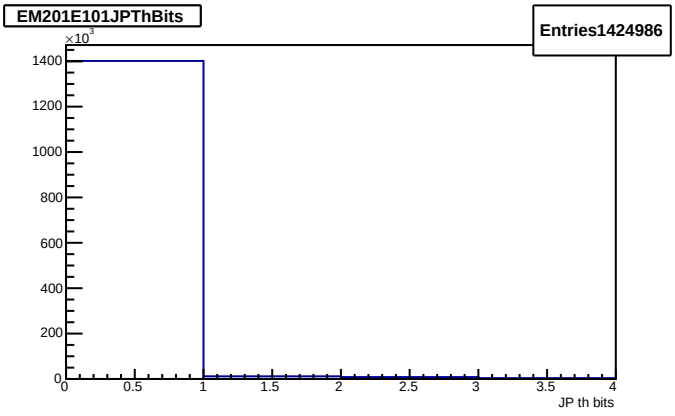

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

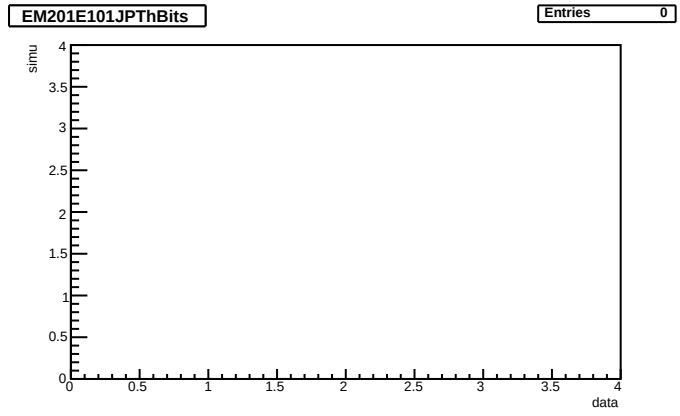

EMC L2 Input - BHT2 bits
Entries 8549916
BHT2
5212
5261
4955
5089
5594
5122
1.41977e+06
1.41972e+06
1.42002e+06
1.41981e+06
1.41909e+06
1.41986e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

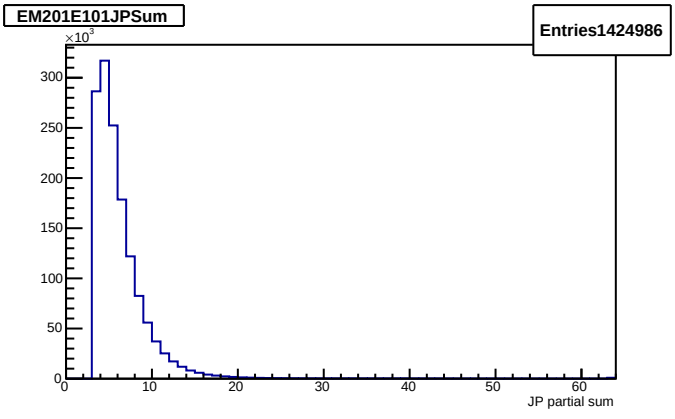

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

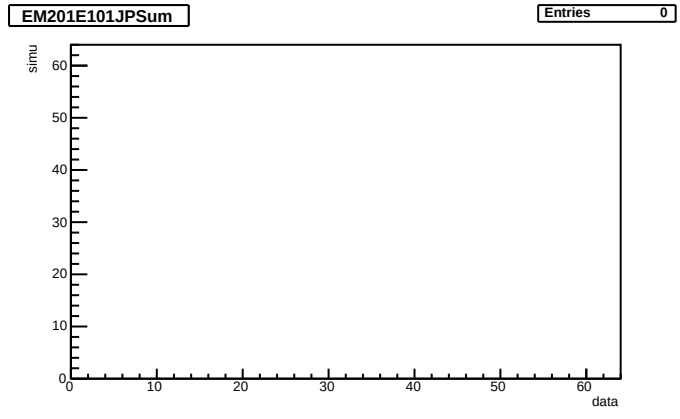

EMC L2 Input - Barrel HT.TP bits
Entries 8549916
Barrel HT.TP bits
48634
47477
46512
49280
49401
48231
956952
957599
958474
954706
955985
956755
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

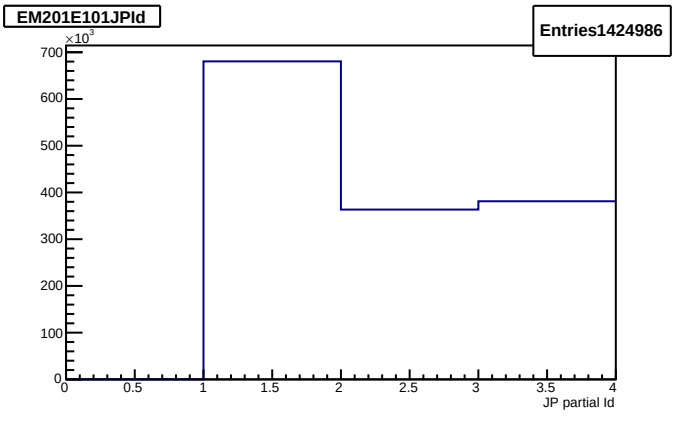

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

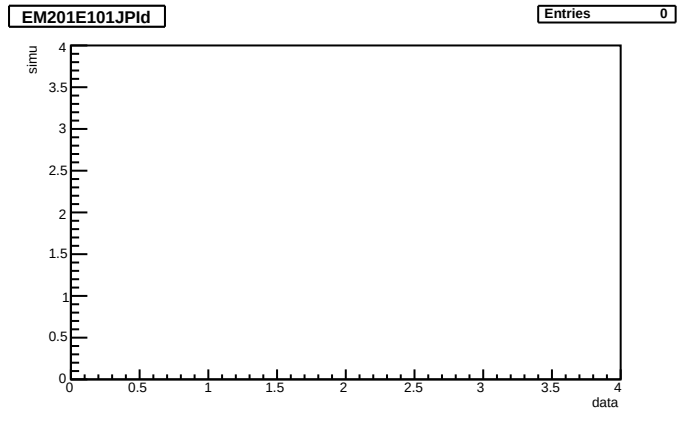

EM201E101JPThBits
Entries1424986
×10^3
JP th bits

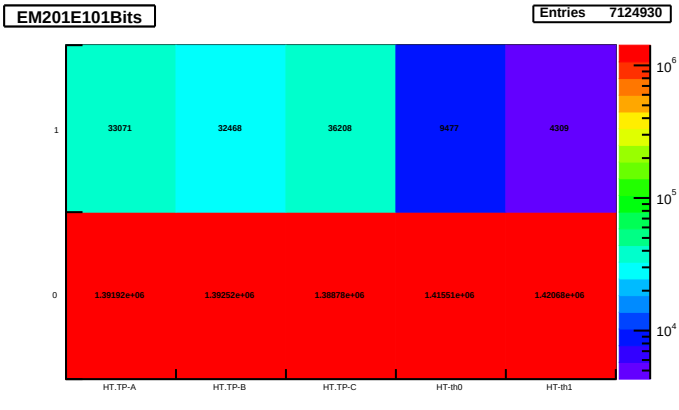

EM201E101JPThBits
Entries 0
simu
data

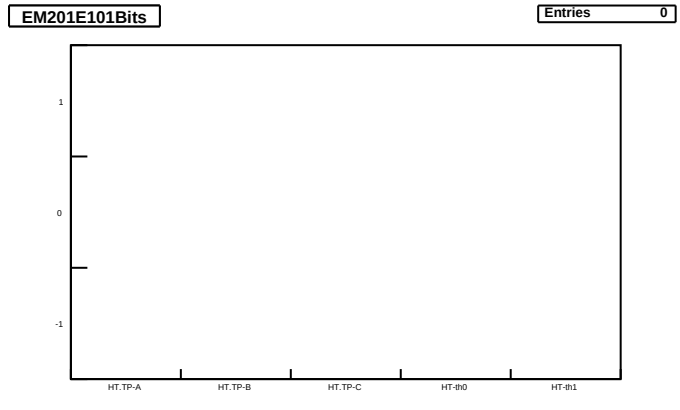

EM201E101JPSum
Entries1424986
×10^3
JP partial sum

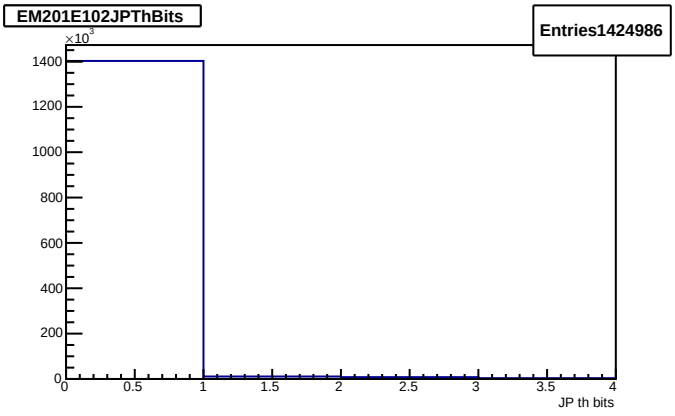

EM201E101JPSum
Entries 0
simu
data

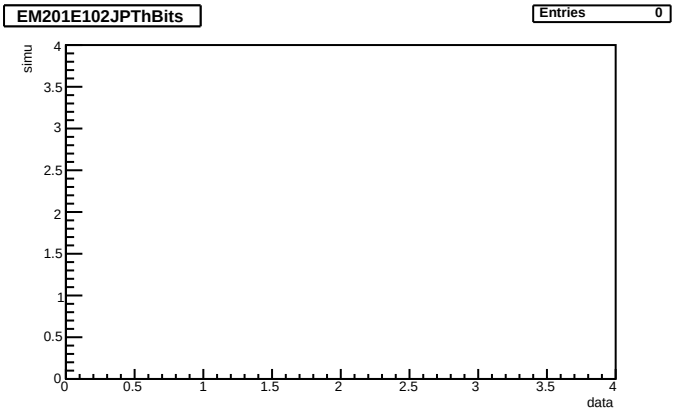

EM201E101JPId
Entries1424986
×10^3
JP partial Id

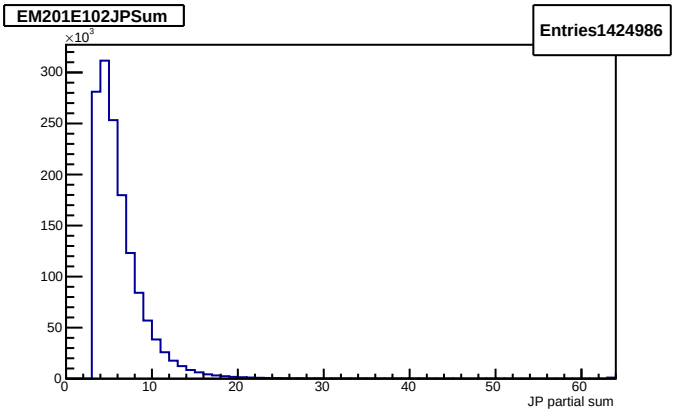

EM201E101JPId
Entries 0
simu
data

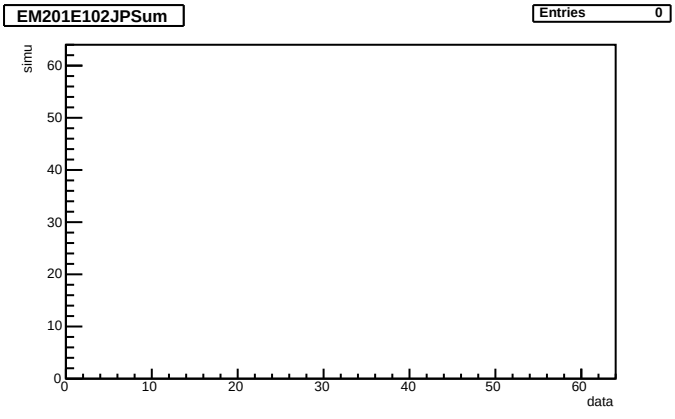

EM201E101Bits
Entries 7124930
33071
32468
36208
9477
4309
1.39192e+06
1.39252e+06
1.38878e+06
1.41551e+06
1.42068e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

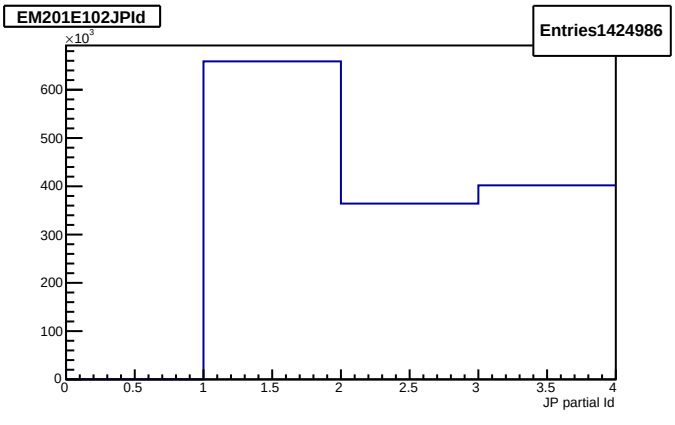

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

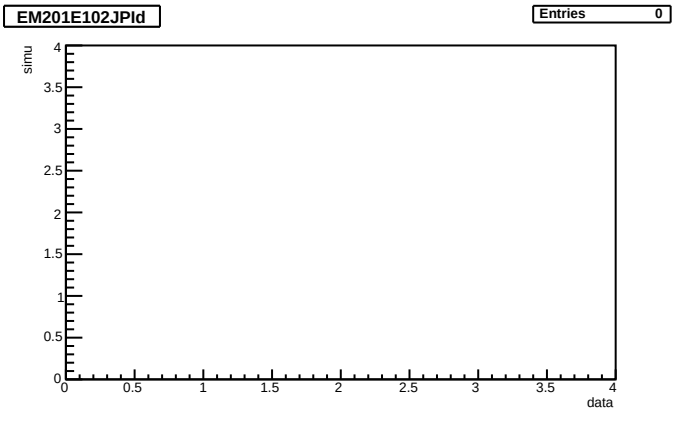

EM201E102JPThBits
Entries1424986
×10^3
JP th bits

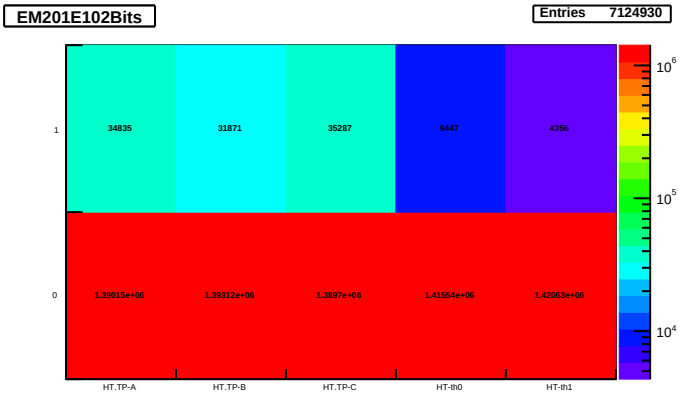

EM201E102JPThBits
Entries 0
simu
data

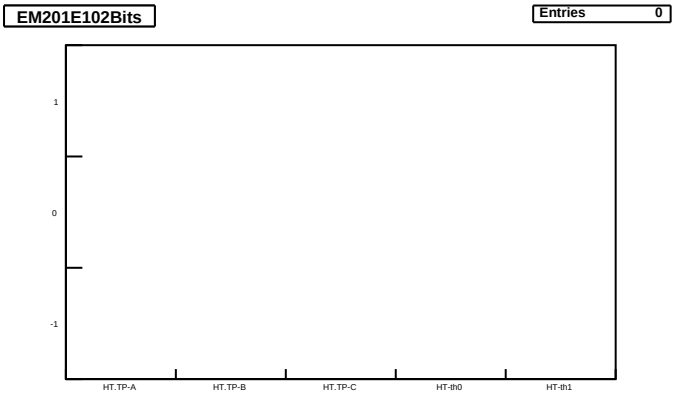

EM201E102JPSum
Entries1424986
×10^3
JP partial sum

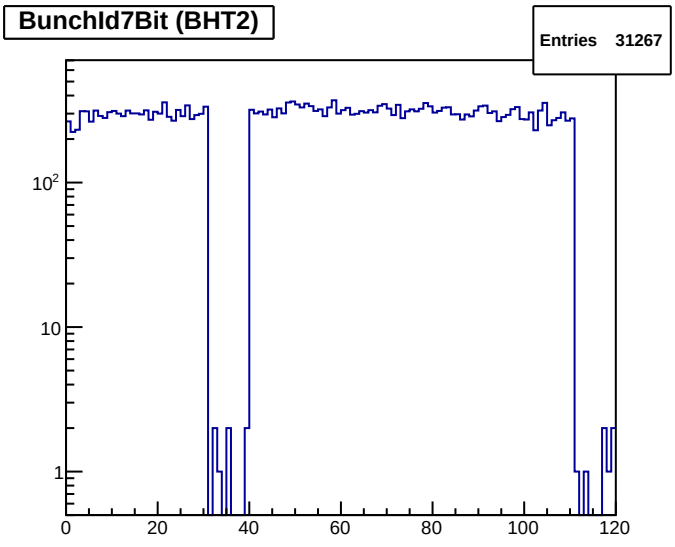

EM201E102JPSum
Entries 0
simu
data

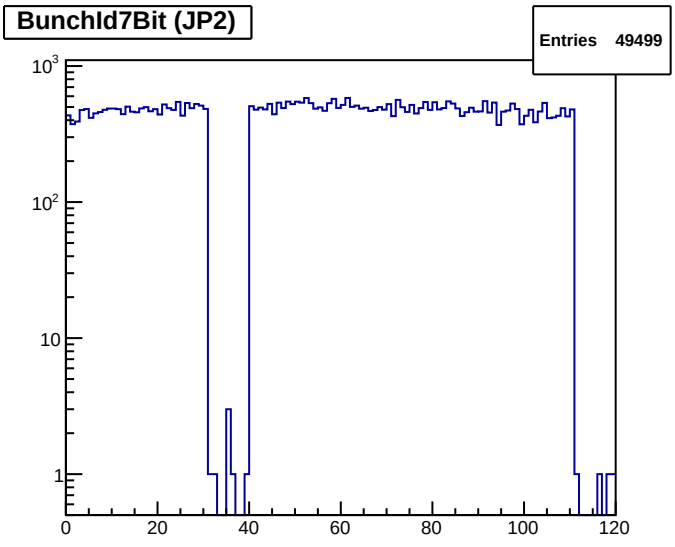

EM201E102JPId
Entries1424986
×10^3
JP partial Id

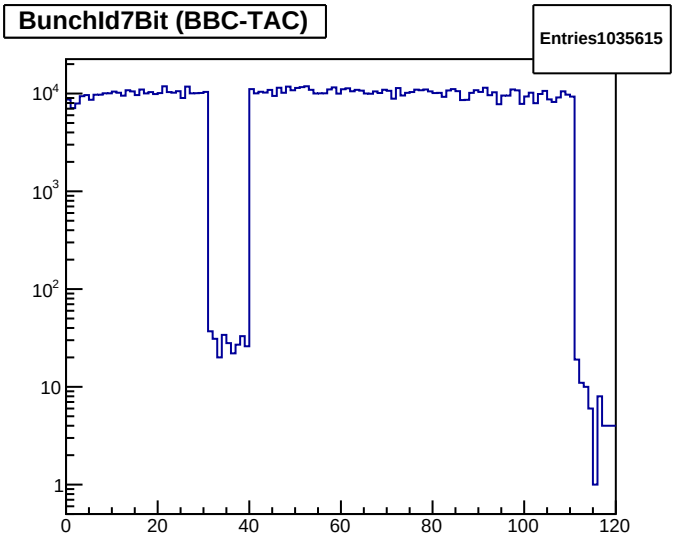

EM201E102JPId
Entries 0
simu
data

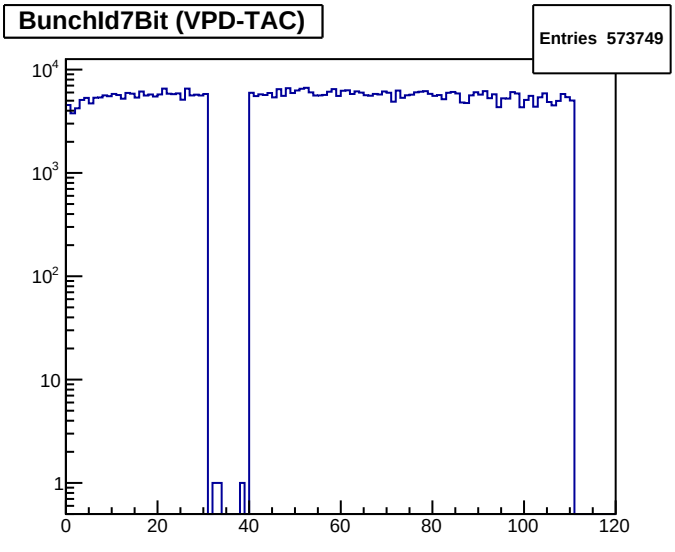

EM201E102Bits
Entries 7124930
34835
31871
35287
9447
4356
1.39015e+06
1.39312e+06
1.3897e+06
1.41554e+06
1.42063e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

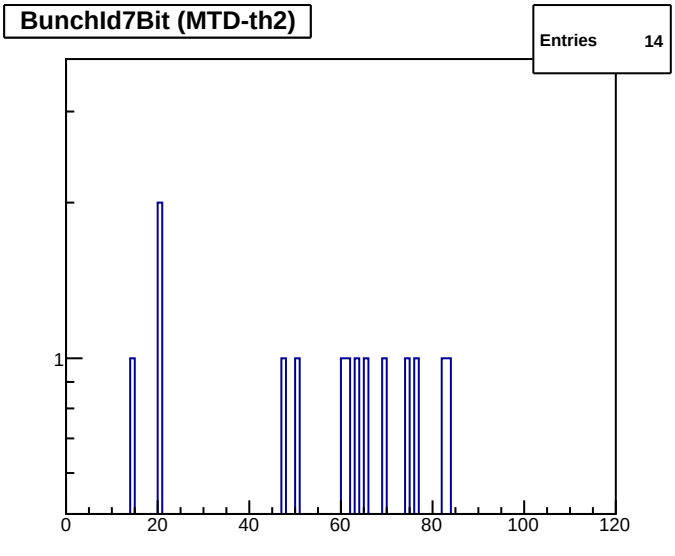

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

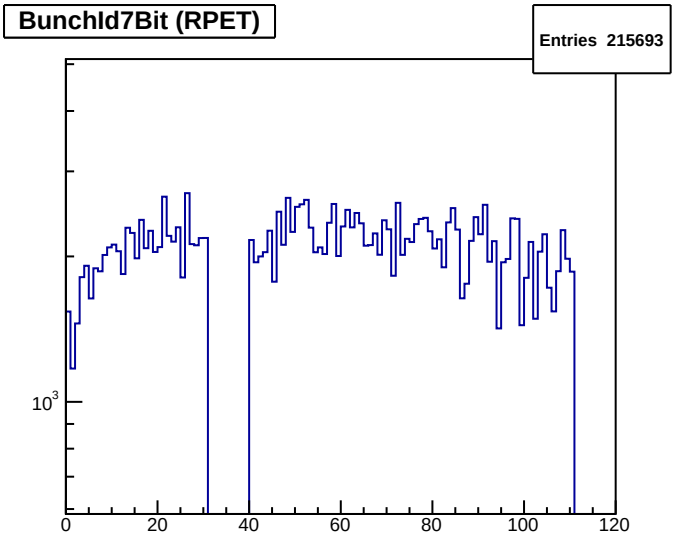

BunchId7Bit (BHT2)
Entries 31267

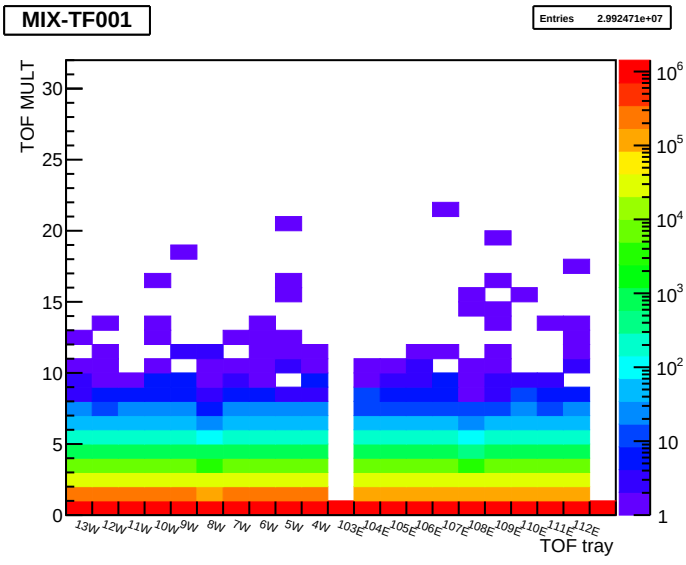

BunchId7Bit (JP2)
Entries 49499

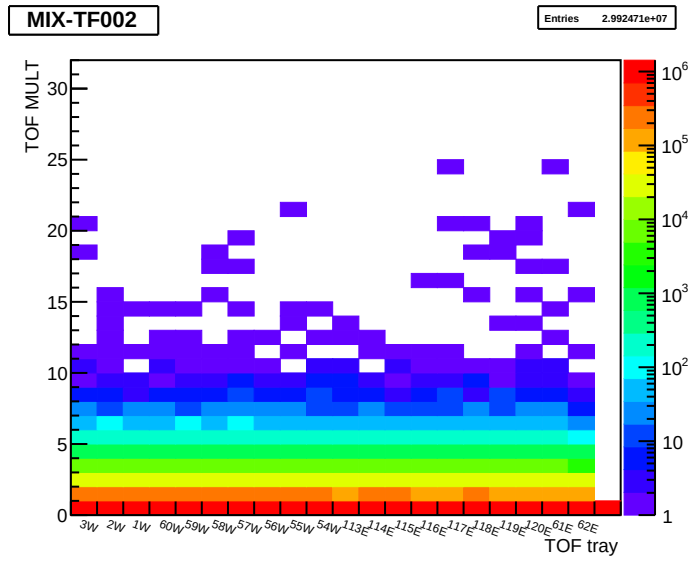

BunchId7Bit (BBC-TAC)
Entries1035615

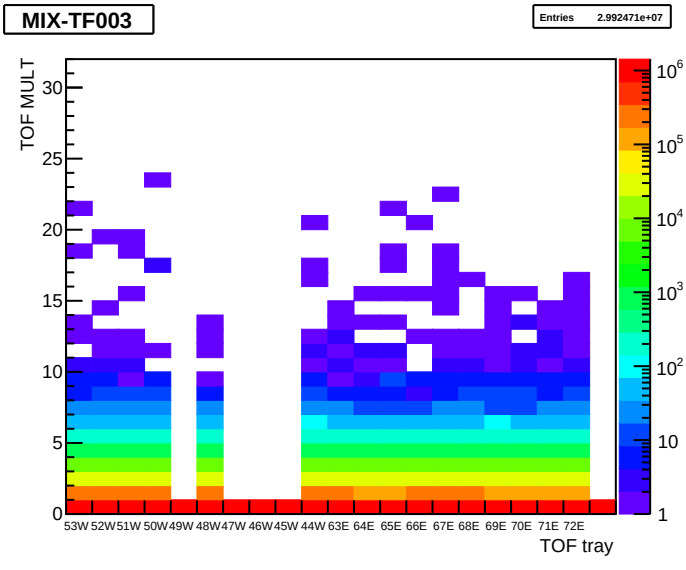

BunchId7Bit (VPD-TAC)
Entries 573749

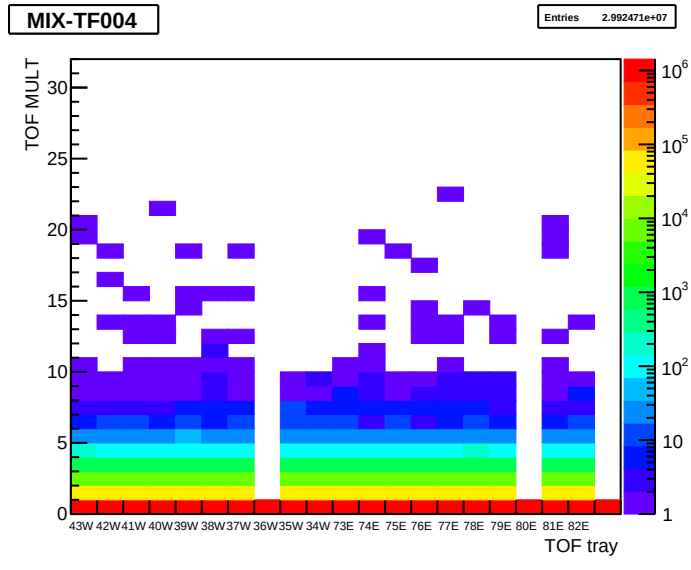

BunchId7Bit (MTD-th2)
Entries 14

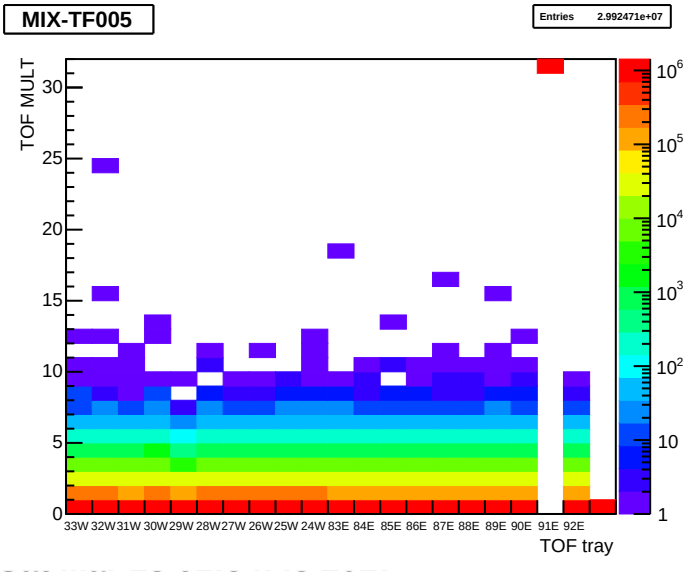

BunchId7Bit (RPET)
Entries 215693

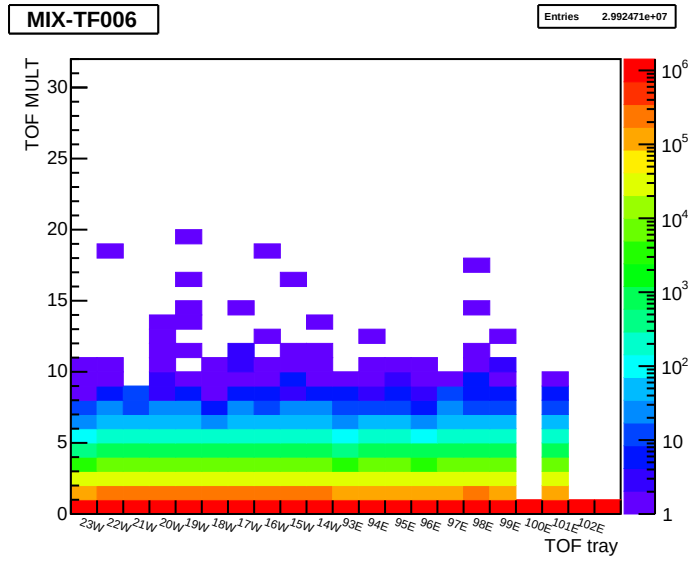

MIX-TF001
Entries 2.992471e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

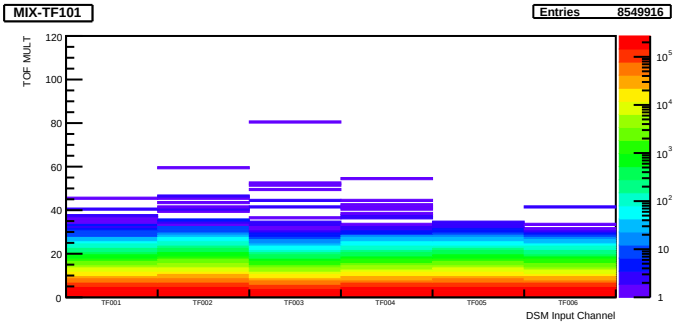

MIX-TF002
Entries 2.992471e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

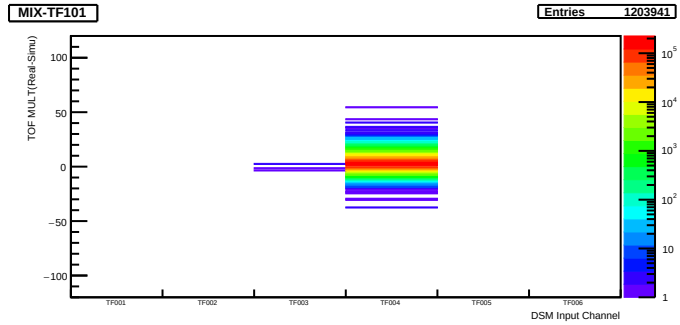

MIX-TF003
Entries 2.992471e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

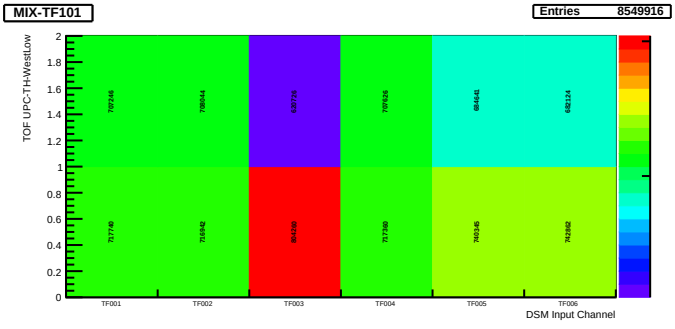

MIX-TF004
Entries 2.992471e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

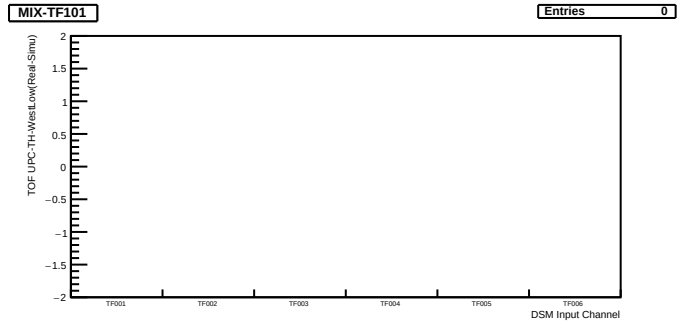

MIX-TF005
Entries 2.992471e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

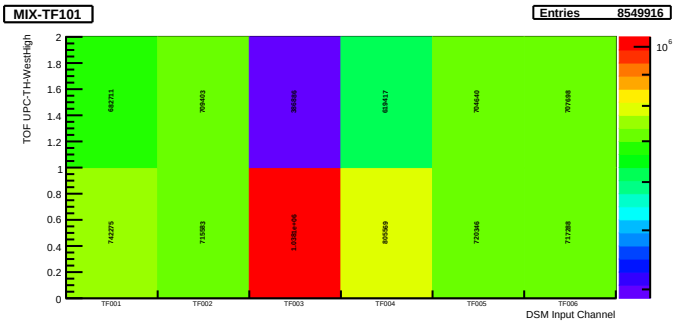

MIX-TF006
Entries 2.992471e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

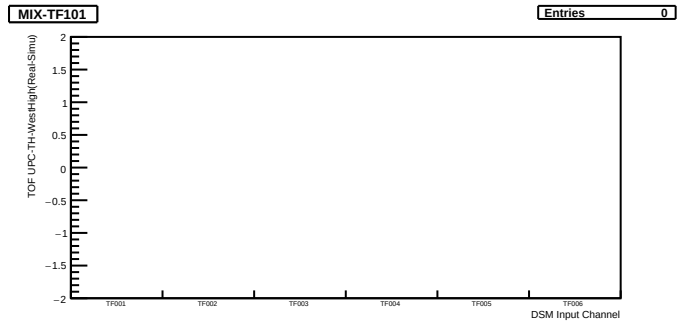

MIX-TF101
Entries 8549916
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

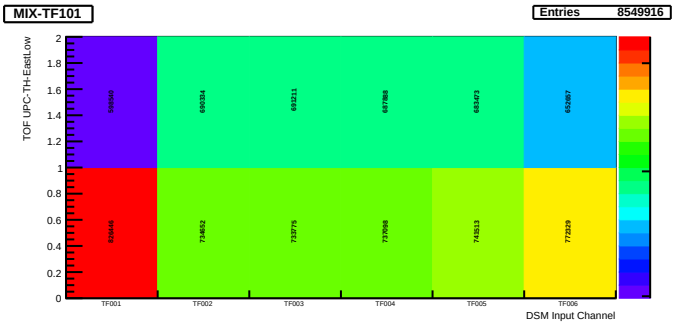

MIX-TF101
Entries 1203941
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

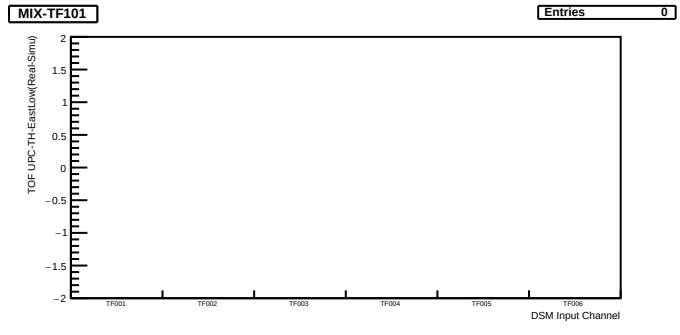

MIX-TF101
Entries 8549916
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

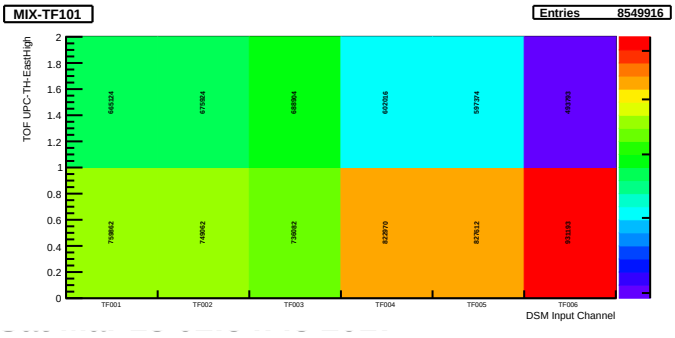

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

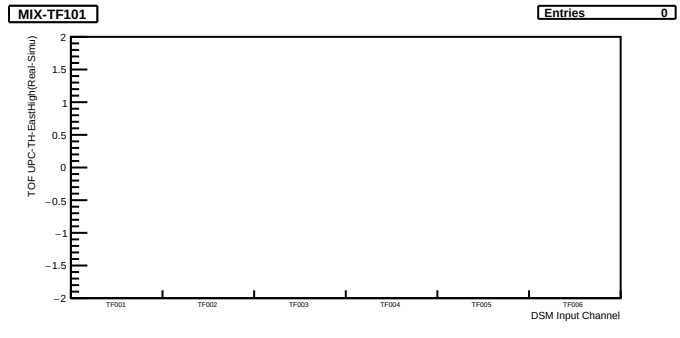

MIX-TF101
Entries 8549916
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

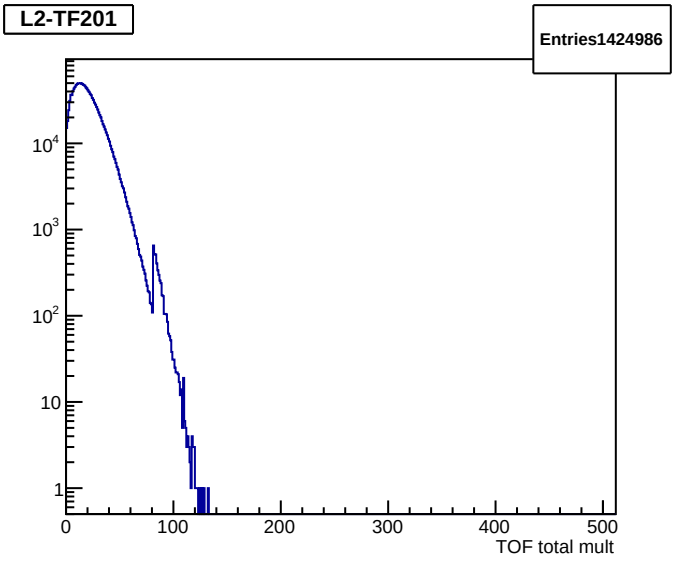

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

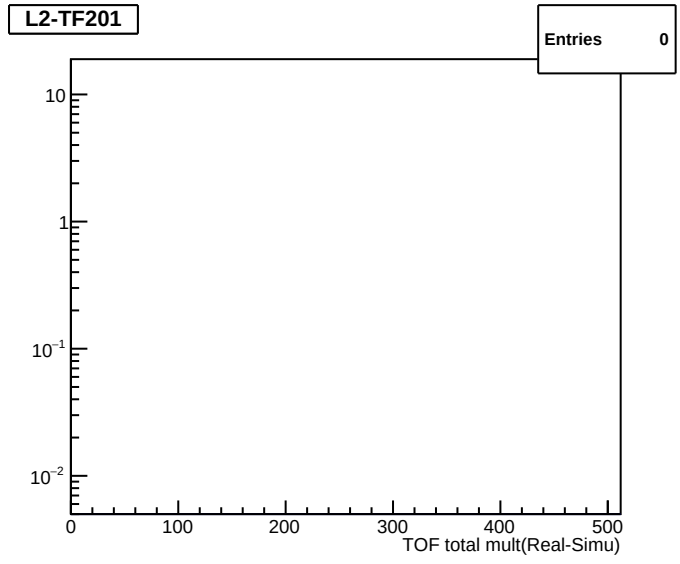

MIX-TF101
Entries 8549916
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

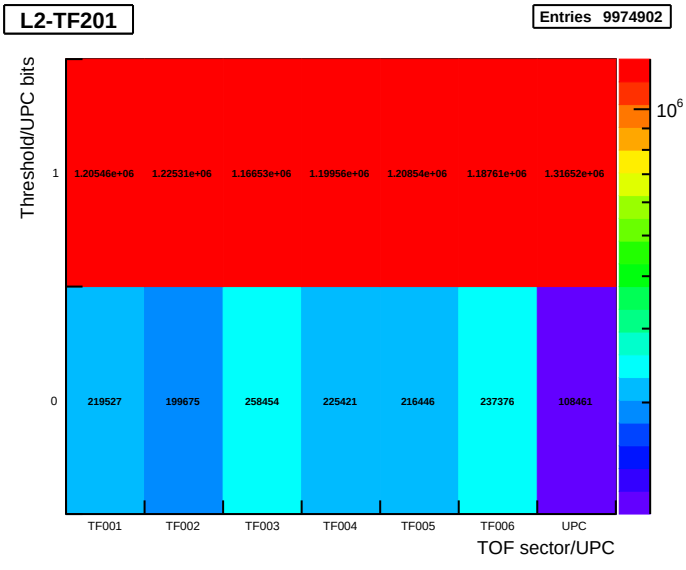

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

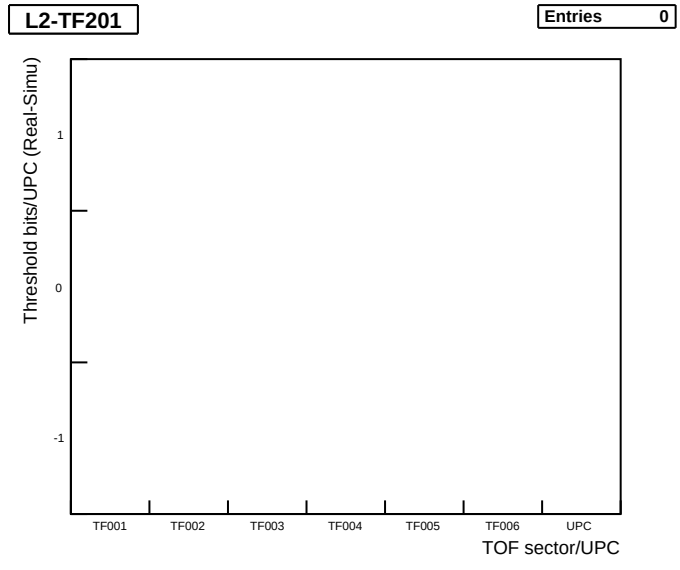

MIX-TF101
Entries 8549916
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

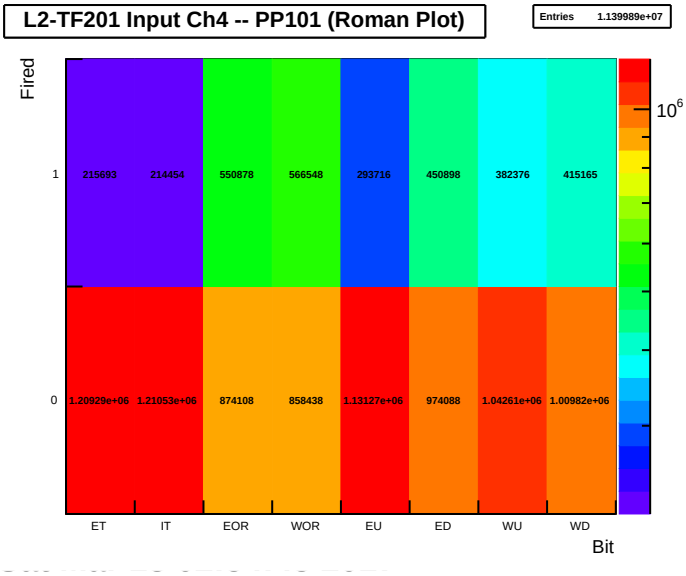

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

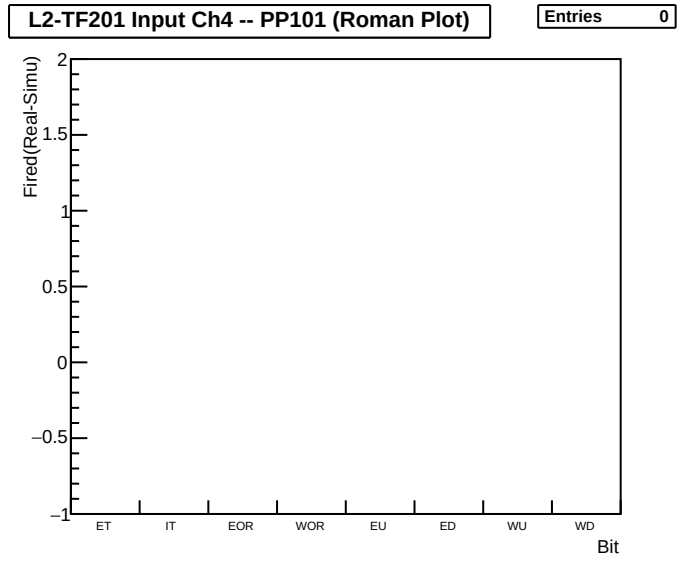

L2-TF201
Entries1424986
TOF total mult

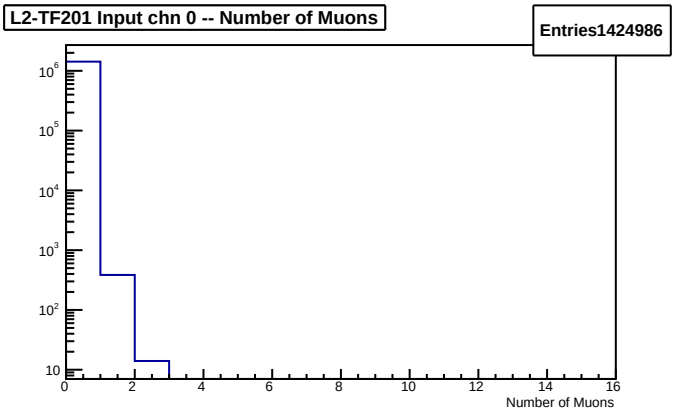

L2-TF201
Entries 0
TOF total mult(Real-Simu)

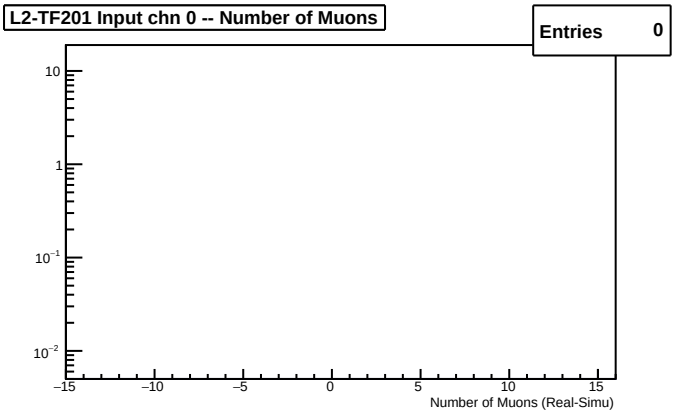

L2-TF201
Entries 9974902
Threshold/UPC bits
1.20546e+06
1.22531e+06
1.16653e+06
1.19956e+06
1.20854e+06
1.18761e+06
1.31652e+06
219527
199675
258454
225421
216446
237376
108461
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

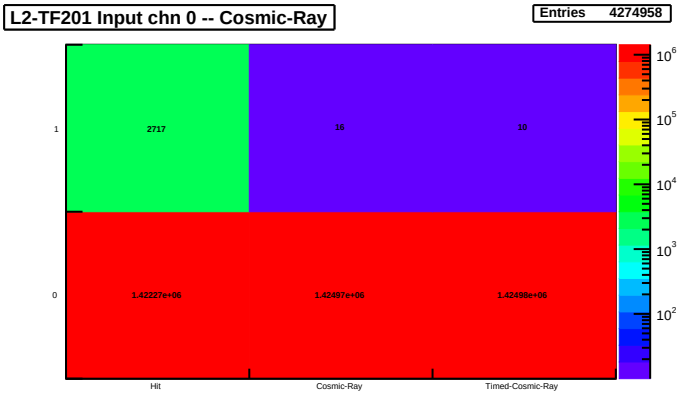

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

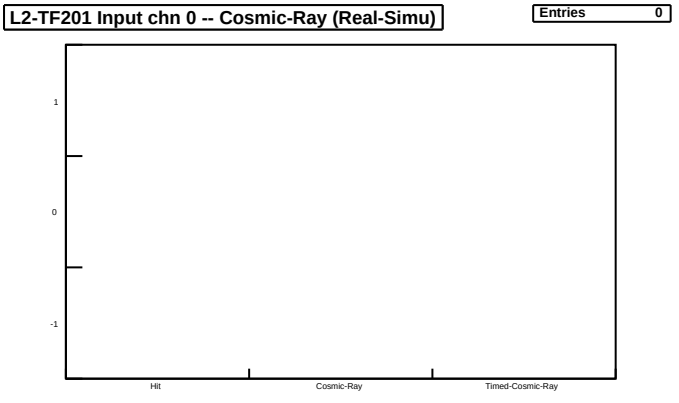

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.139989e+07
Fired
215693
214454
550878
566548
293716
450898
382376
415165
1.20929e+06
1.21053e+06
874108
858438
1.13127e+06
974088
1.04261e+06
1.00982e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

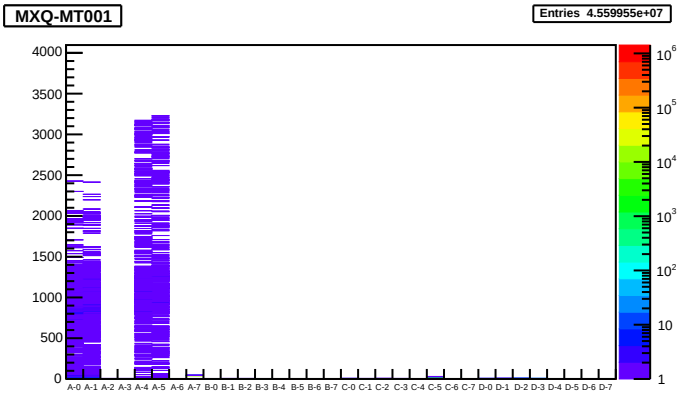

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

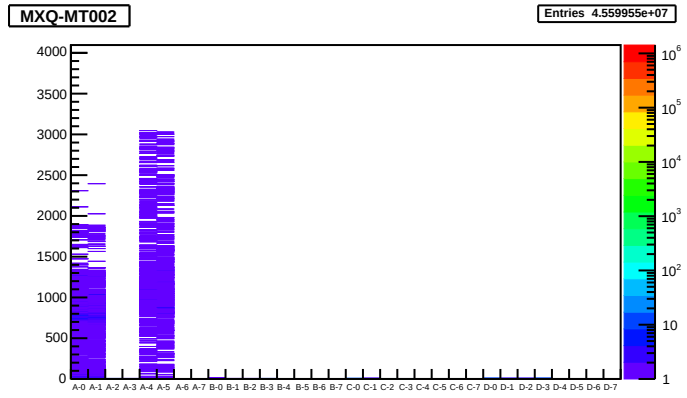

L2-TF201 Input chn 0 -- Number of Muons
Entries1424986
Number of Muons

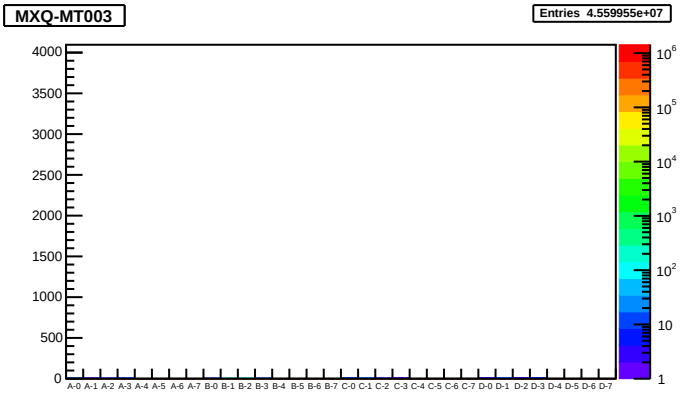

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

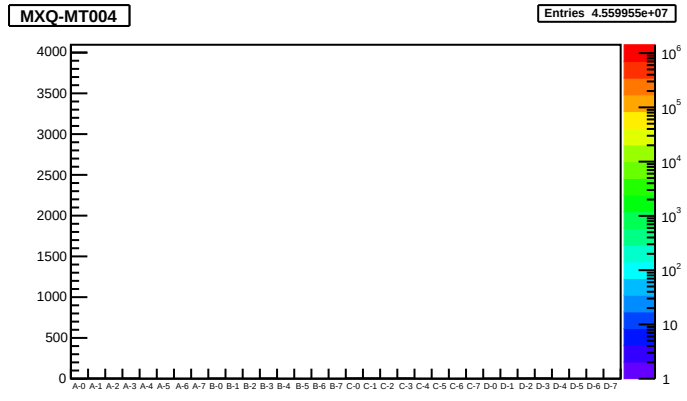

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4274958
2717
16
10
1.42227e+06
1.42497e+06
1.42498e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

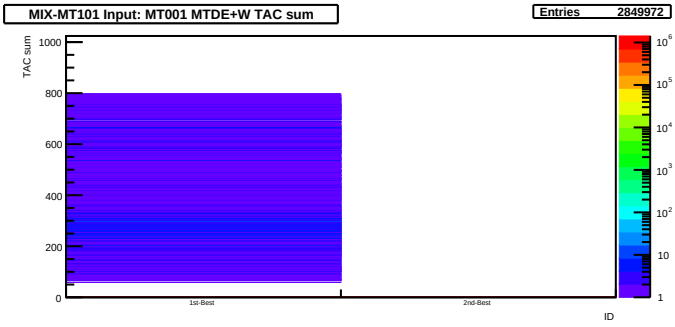

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

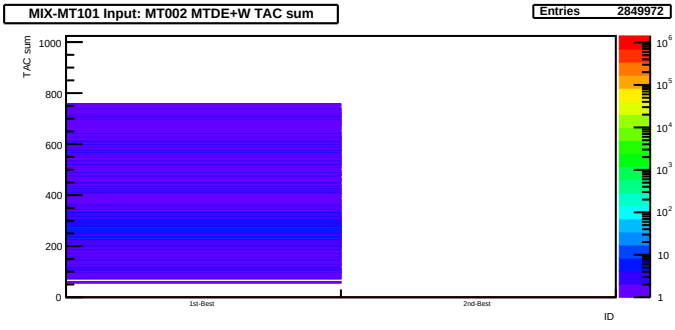

MXQ-MT001
Entries 4.559955e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

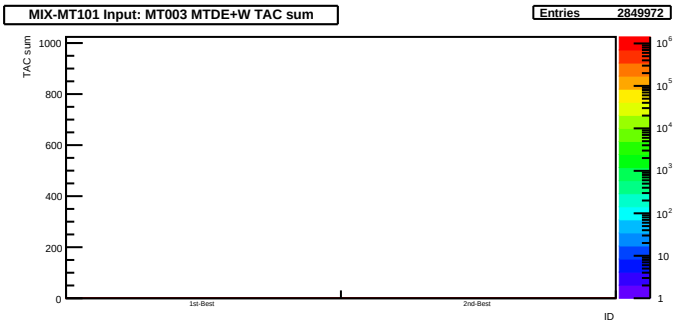

MXQ-MT002
Entries 4.559955e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

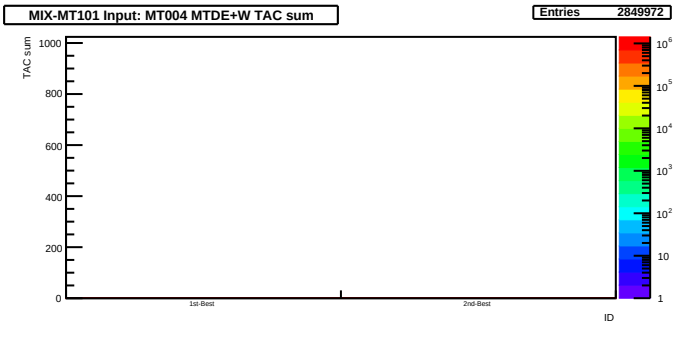

MXQ-MT003
Entries 4.559955e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

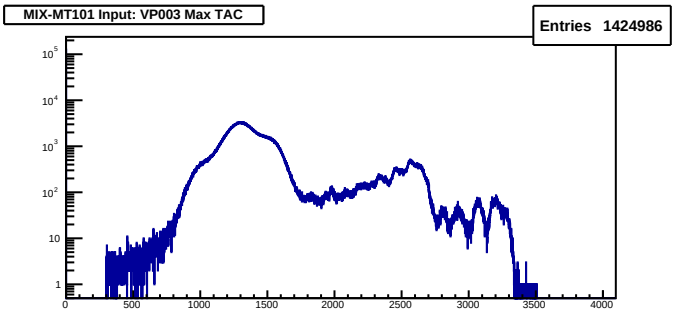

MXQ-MT004
Entries 4.559955e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

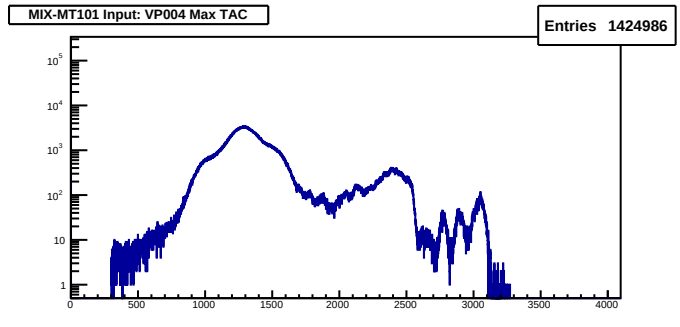

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2849972
TAC sum
1st-Best
2nd-Best
ID

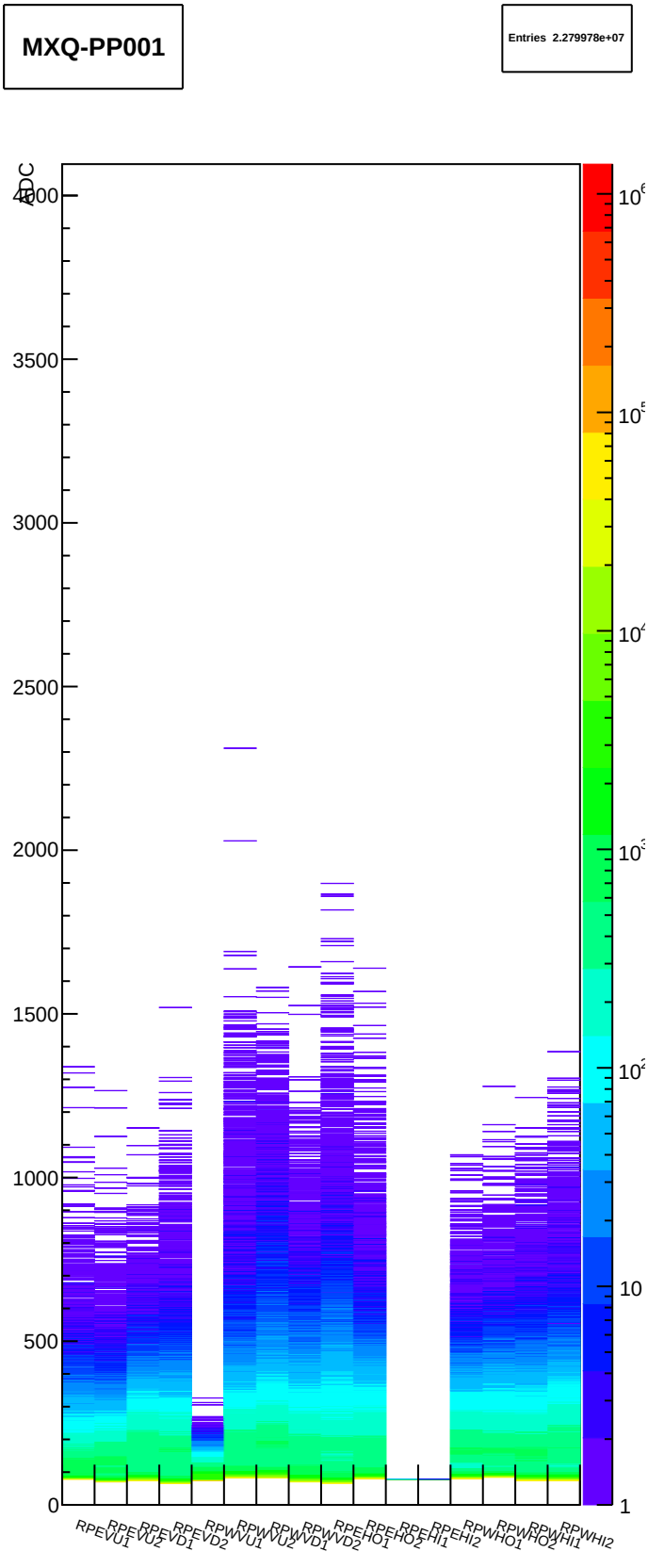

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2849972
TAC sum
1st-Best
2nd-Best
ID

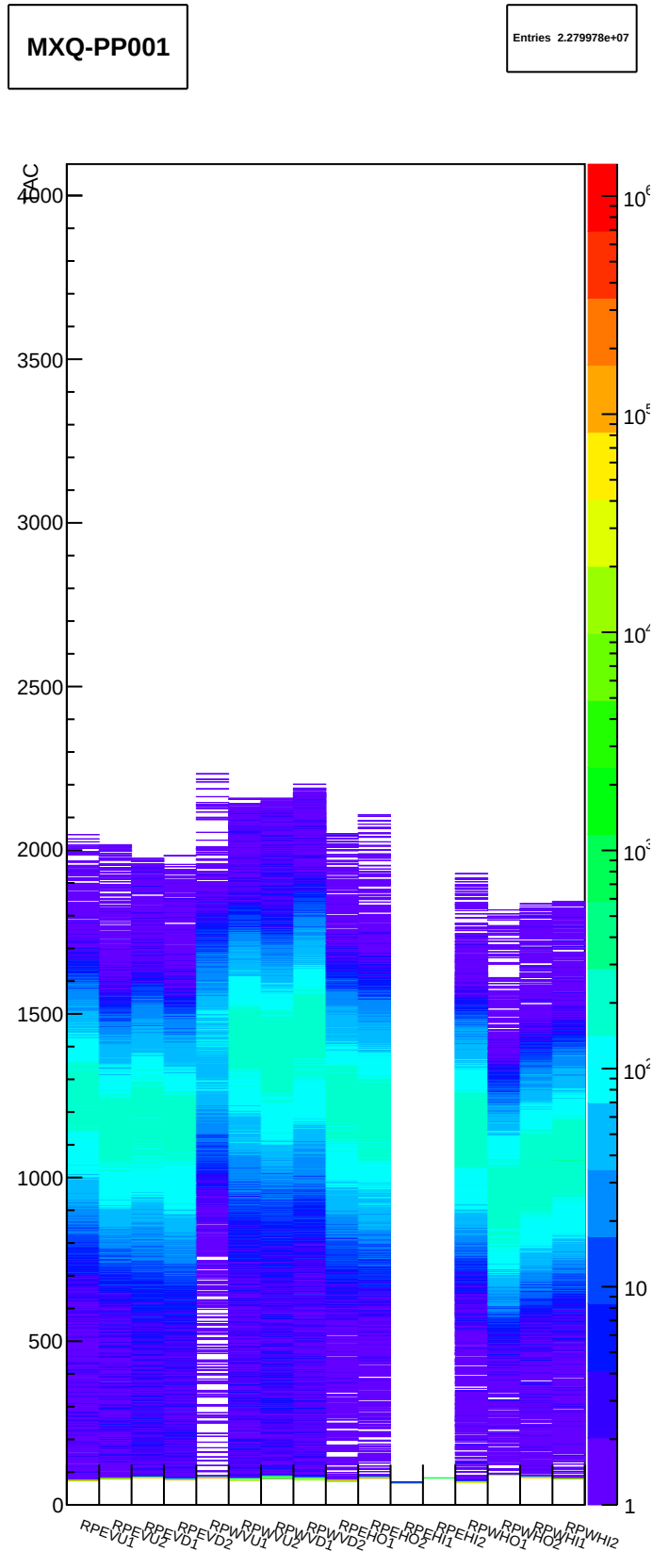

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2849972
TAC sum
1st-Best
2nd-Best
ID

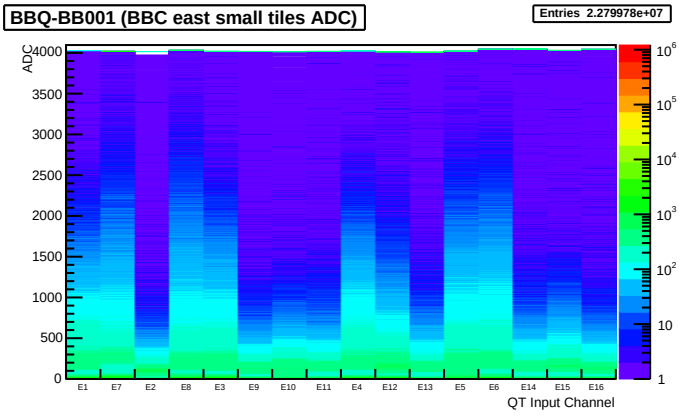

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2849972
TAC sum
1st-Best
2nd-Best
ID

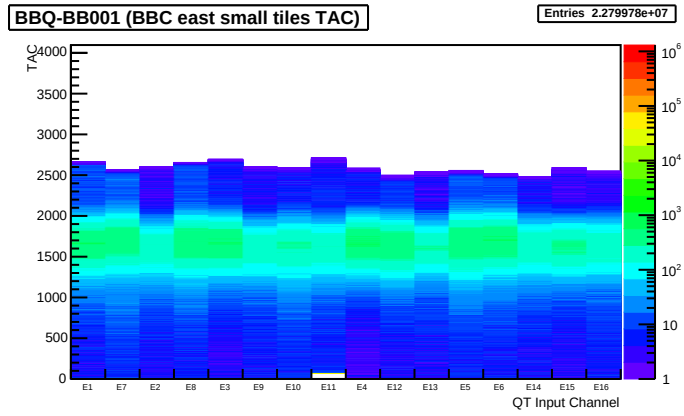

MIX-MT101 Input: VP003 Max TAC
Entries 1424986

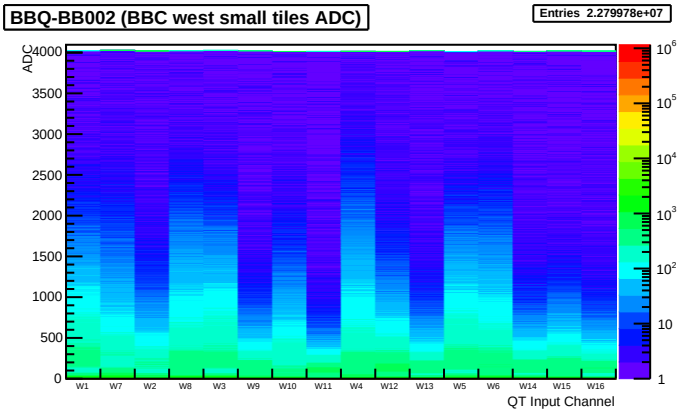

MIX-MT101 Input: VP004 Max TAC
Entries 1424986

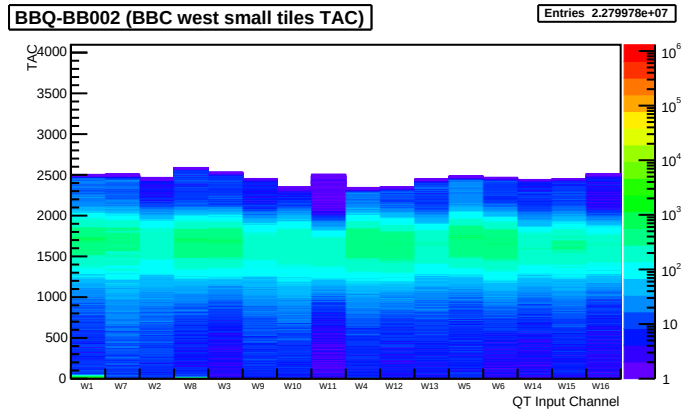

MXQ-PP001
Entries 2.279978e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

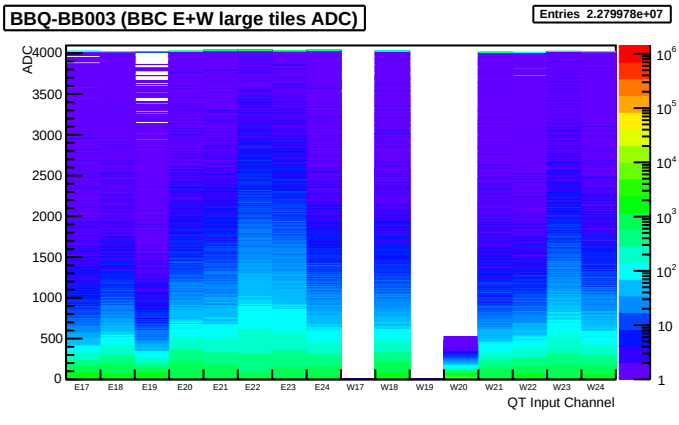

MXQ-PP001
Entries 2.279978e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

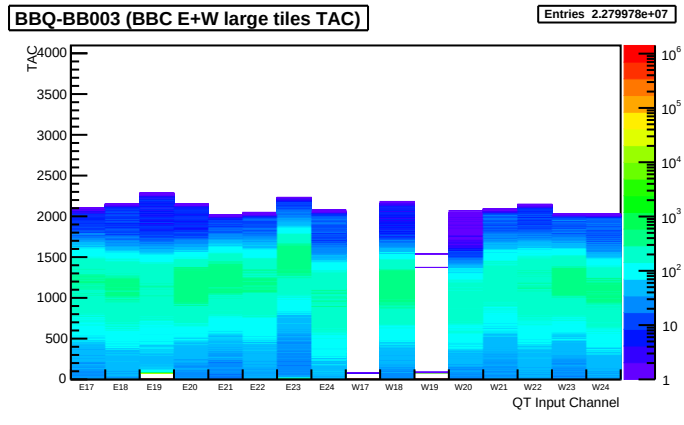

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.279978e+07
ADC
QT Input Channel

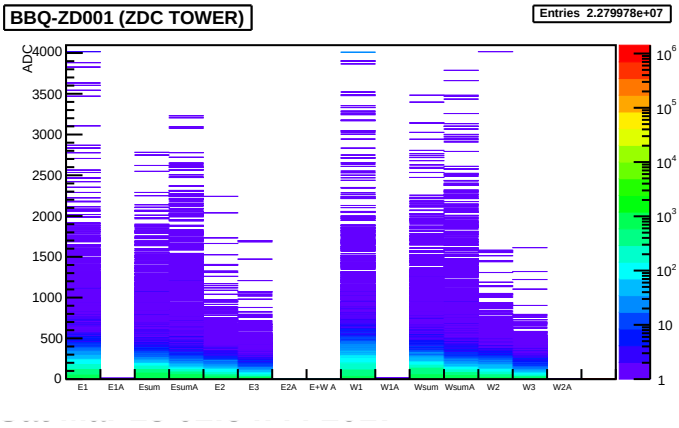

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.279978e+07
TAC
QT Input Channel

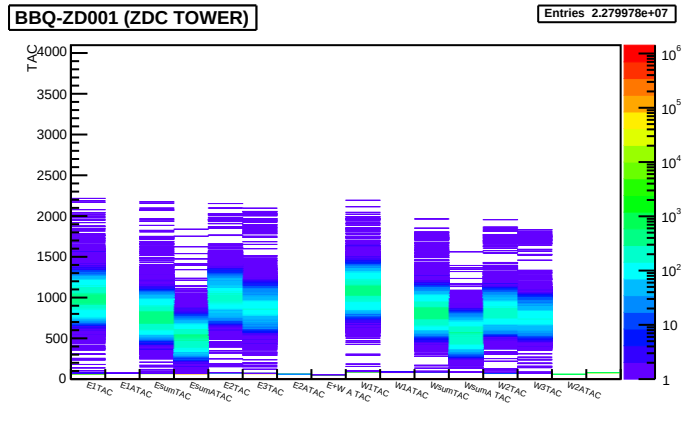

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.279978e+07
ADC
QT Input Channel

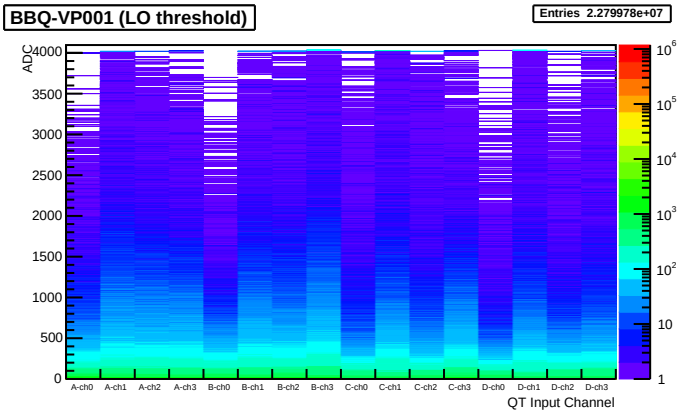

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.279978e+07
TAC
QT Input Channel

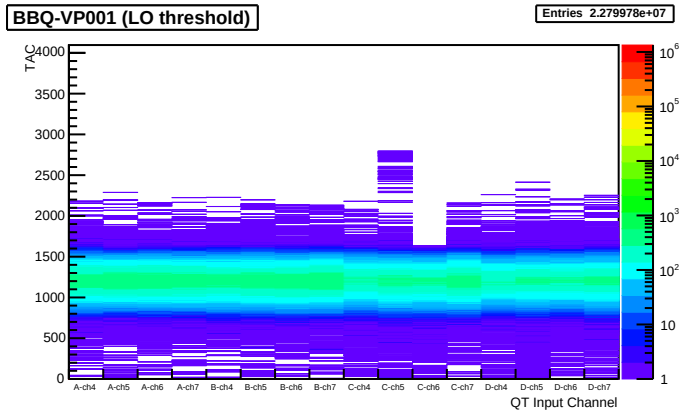

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.279978e+07
ADC
QT Input Channel

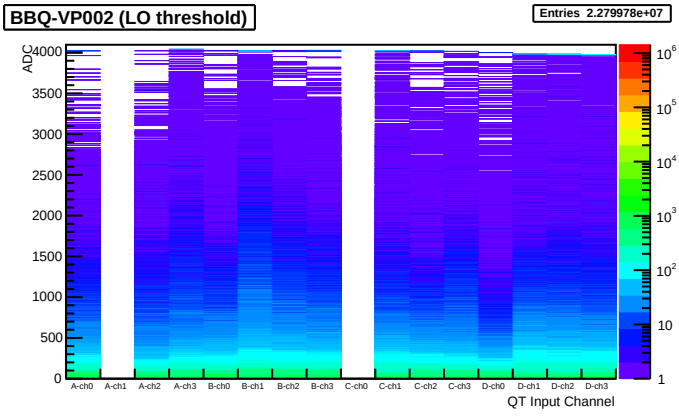

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.279978e+07
TAC
QT Input Channel

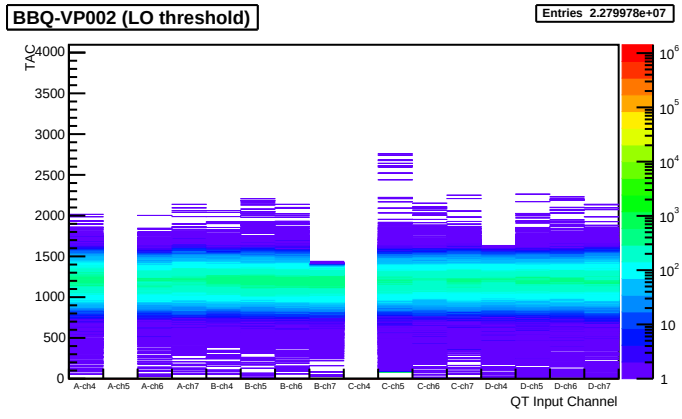

BBQ-ZD001 (ZDC TOWER)
Entries 2.279978e+07
ADC

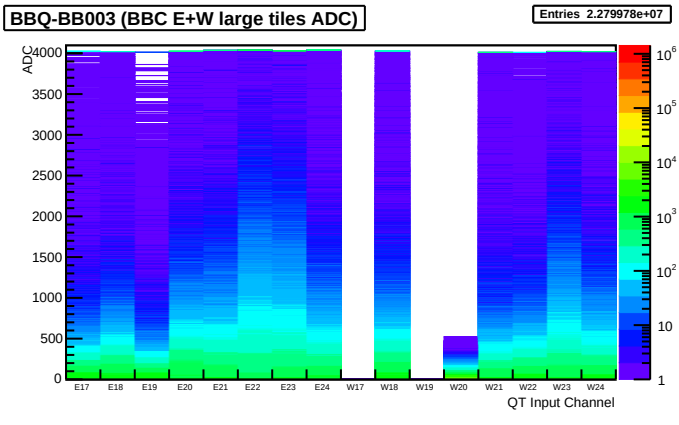

BBQ-ZD001 (ZDC TOWER)
Entries 2.279978e+07
TAC

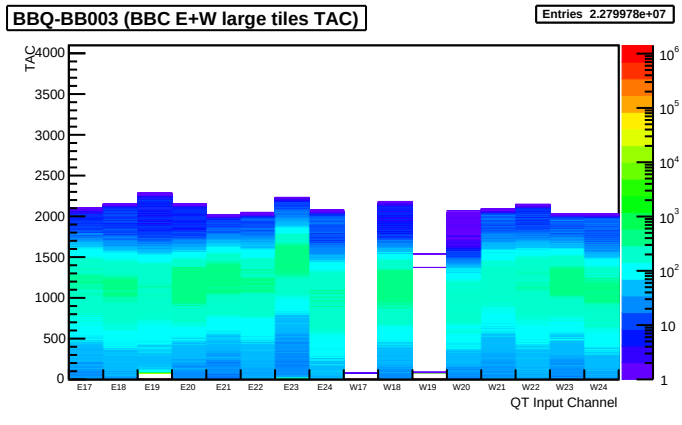

BBQ-VP001 (LO threshold)
Entries 2.279978e+07
ADC
QT Input Channel

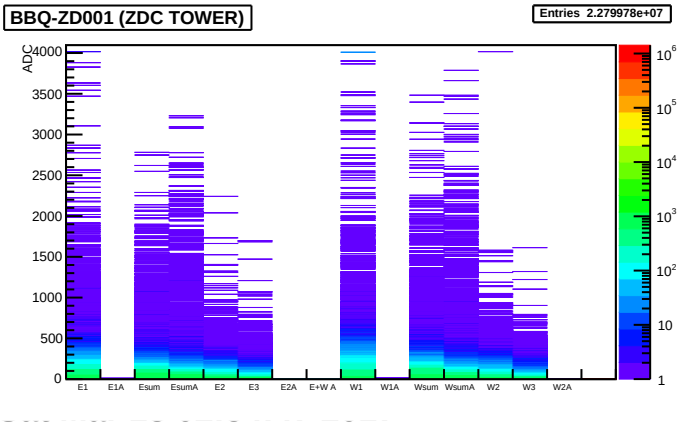

BBQ-VP001 (LO threshold)
Entries 2.279978e+07
TAC
QT Input Channel

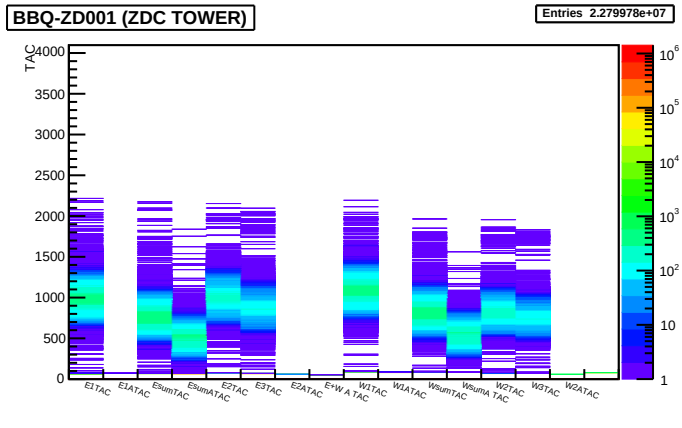

BBQ-VP002 (LO threshold)
Entries 2.279978e+07
ADC
QT Input Channel

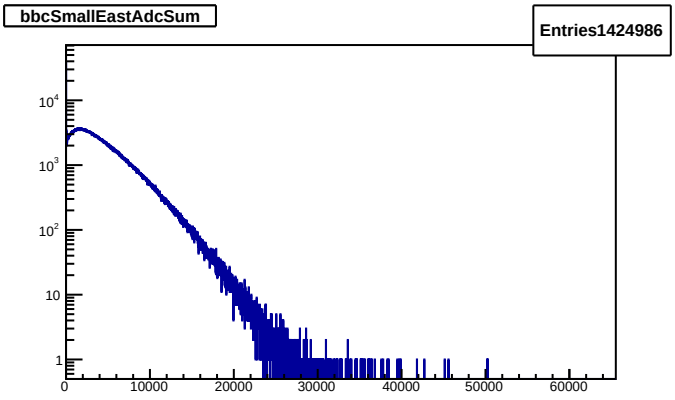

BBQ-VP002 (LO threshold)
Entries 2.279978e+07
TAC
QT Input Channel

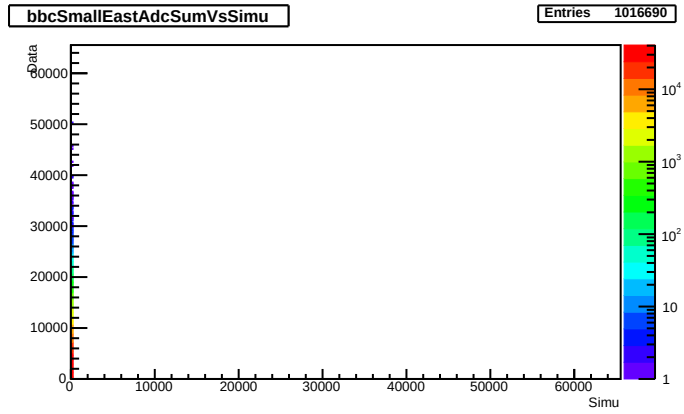

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.279978e+07
ADC
QT Input Channel

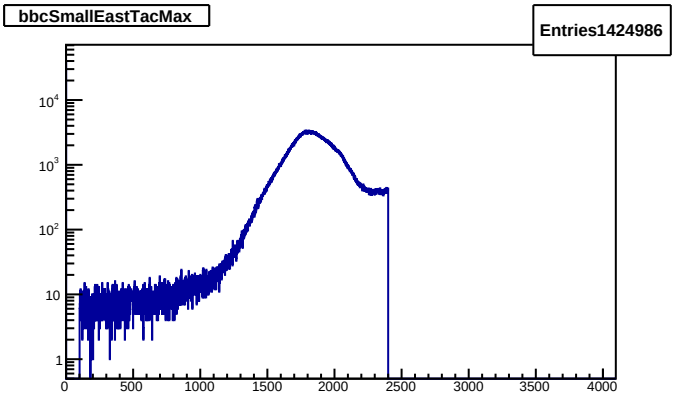

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.279978e+07
TAC
QT Input Channel

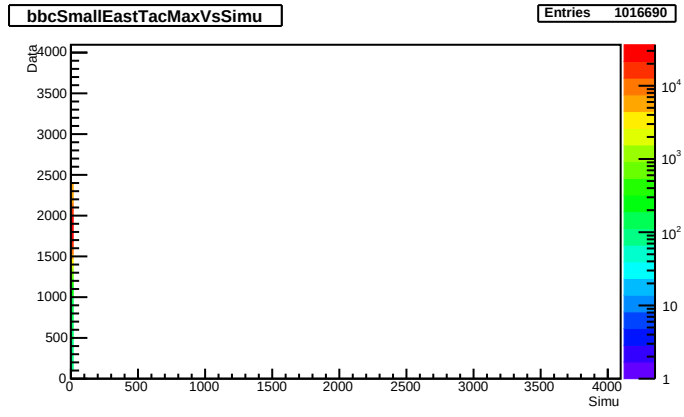

BBQ-ZD001 (ZDC TOWER)
Entries 2.279978e+07
ADC

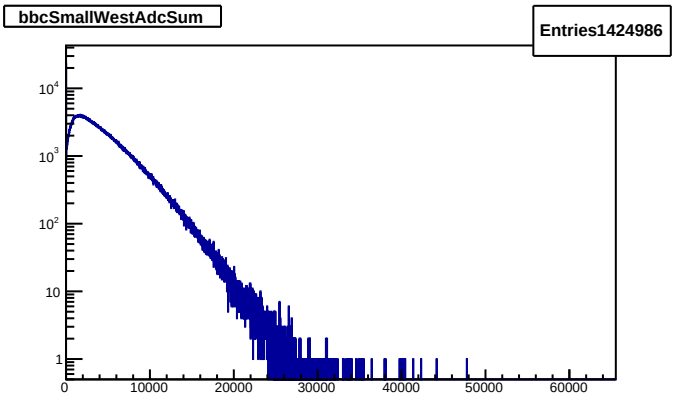

BBQ-ZD001 (ZDC TOWER)
Entries 2.279978e+07
TAC

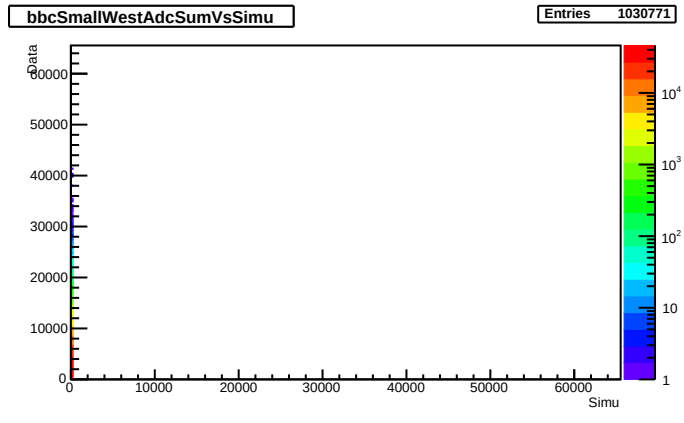

bbcSmallEastAdcSum
Entries1424986

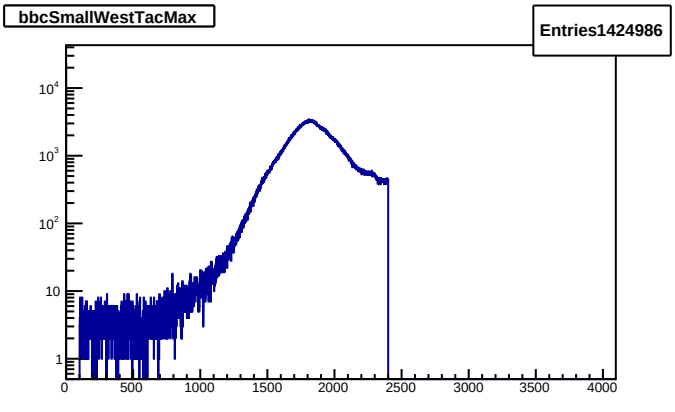

bbcSmallEastAdcSumVsSimu
Entries 1016690
Data
Simu

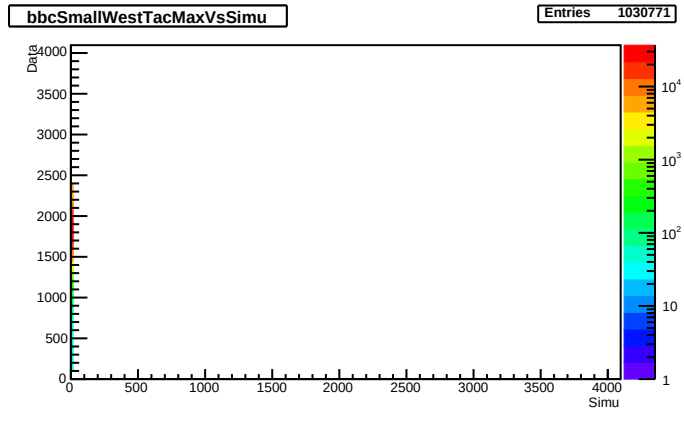

bbcSmallEastTacMax
Entries1424986

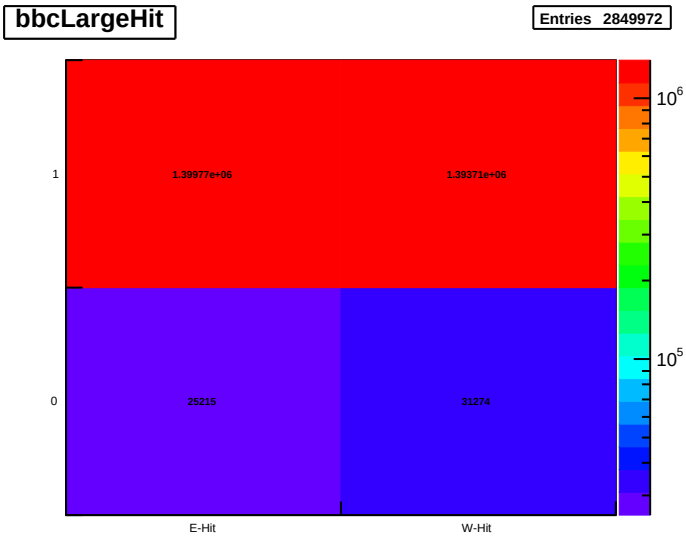

bbcSmallEastTacMaxVsSimu
Entries 1016690
Data
Simu

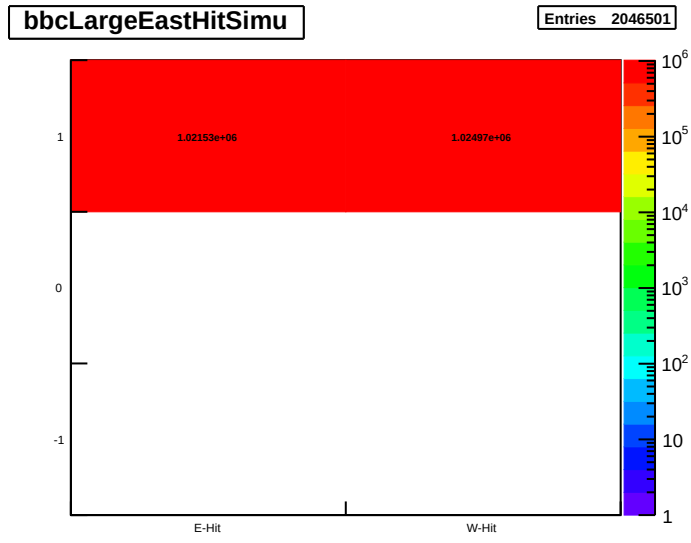

bbcSmallWestAdcSum
Entries1424986

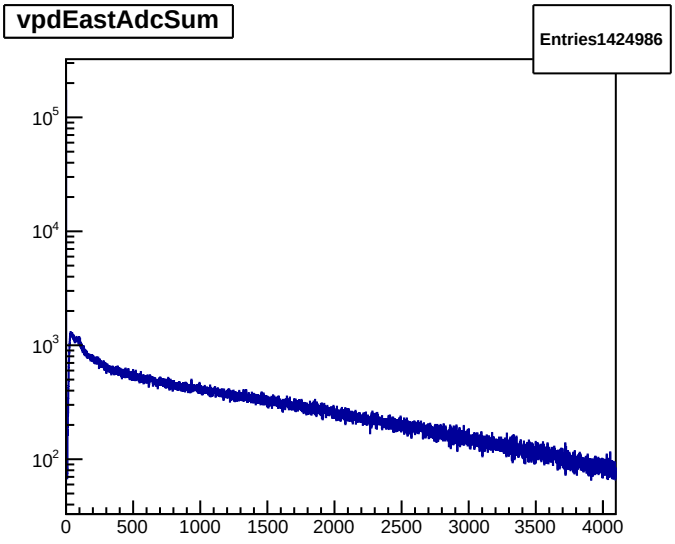

bbcSmallWestAdcSumVsSimu
Entries 1030771
Data
Simu

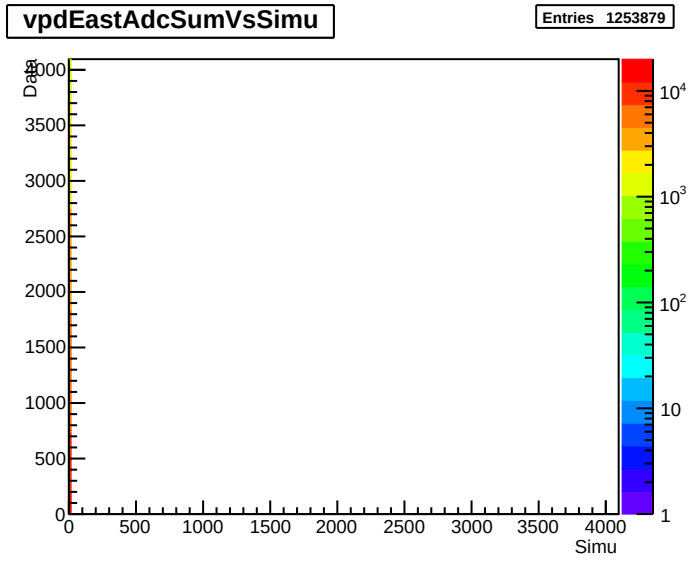

bbcSmallWestTacMax
Entries1424986

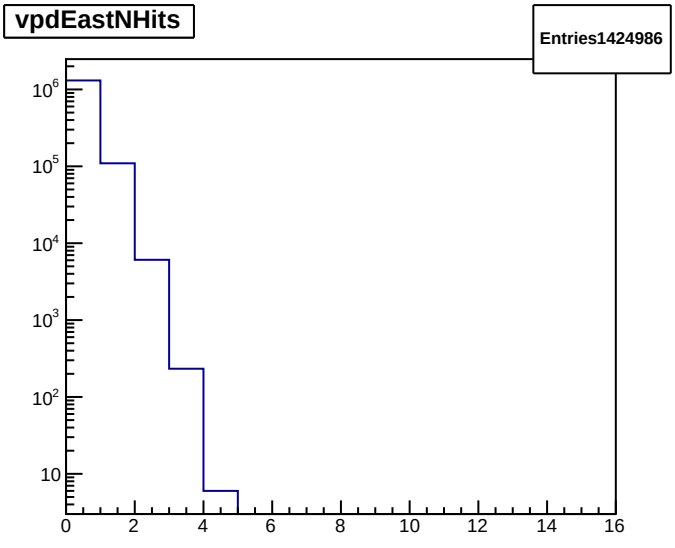

bbcSmallWestTacMaxVsSimu
Entries 1030771
Data
Simu

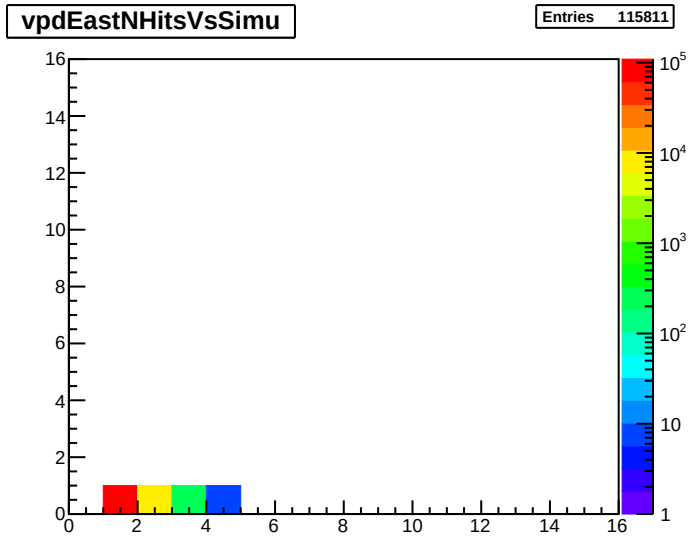

bbcLargeHit
Entries 2849972
1.39977e+06
1.39371e+06
25215
31274
1
0
E-Hit
W-Hit
10^6
10^5

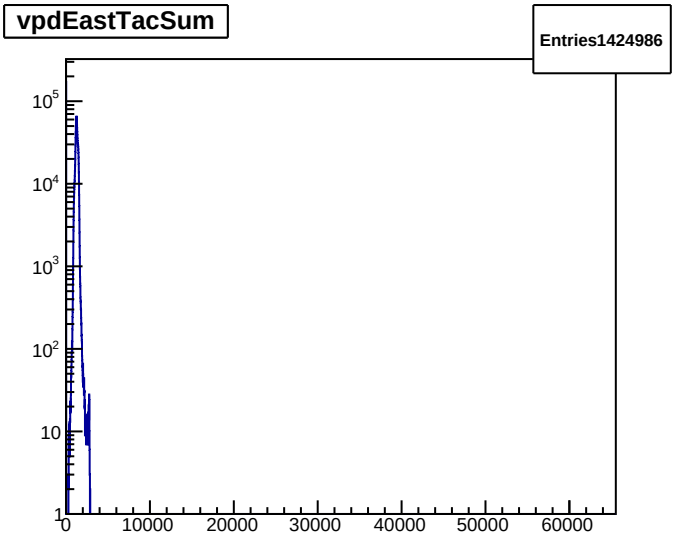

bbcLargeEastHitSimu
Entries 2046501
1.02153e+06
1.02497e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

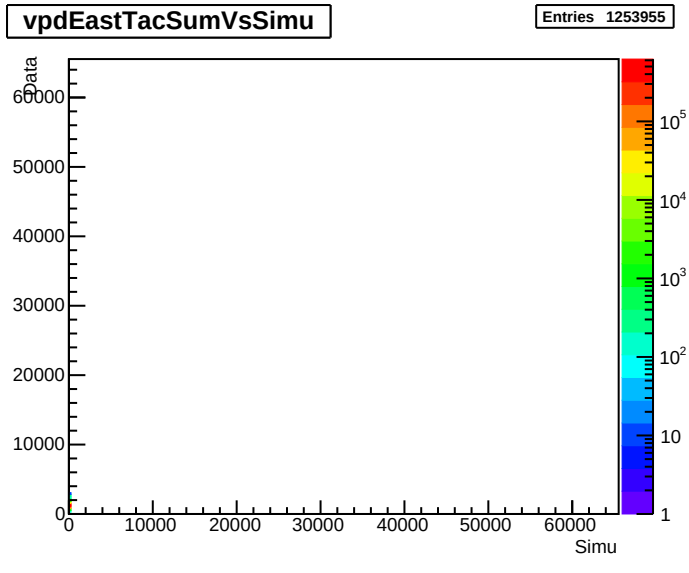

vpdEastAdcSum
Entries1424986

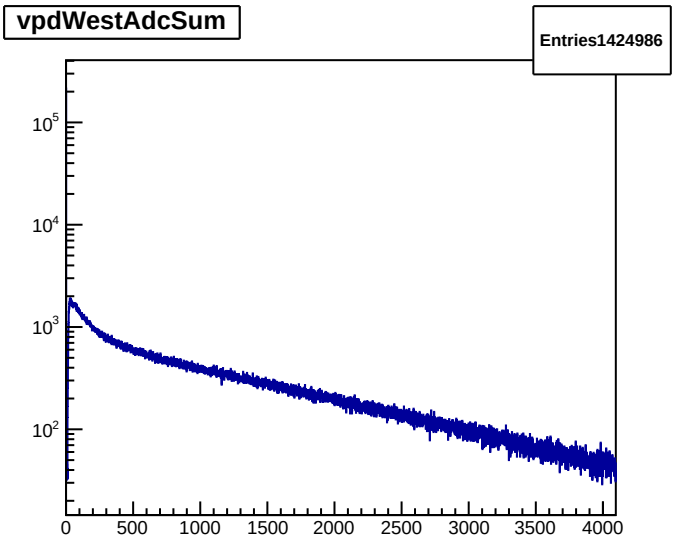

vpdEastAdcSumVsSimu
Entries 1253879
Data
Simu

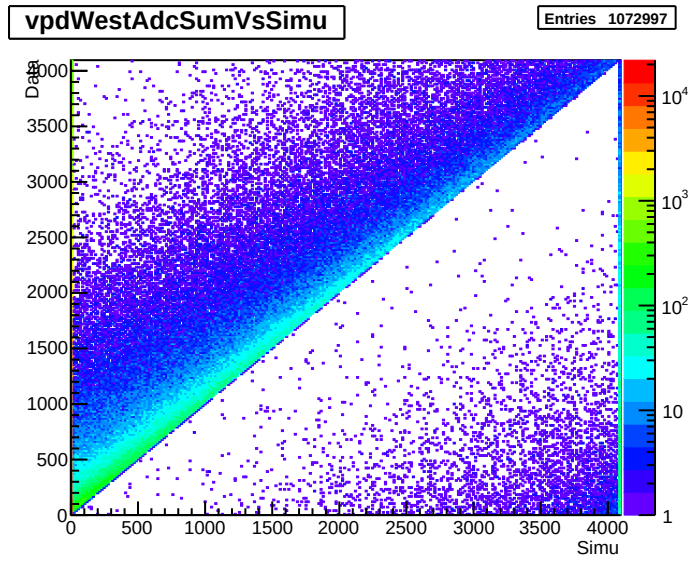

vpdEastNHits
Entries1424986

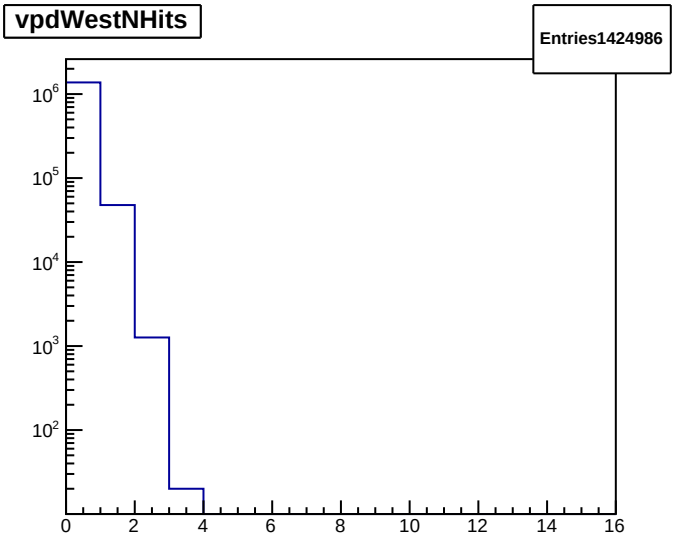

vpdEastNHitsVsSimu
Entries 115811

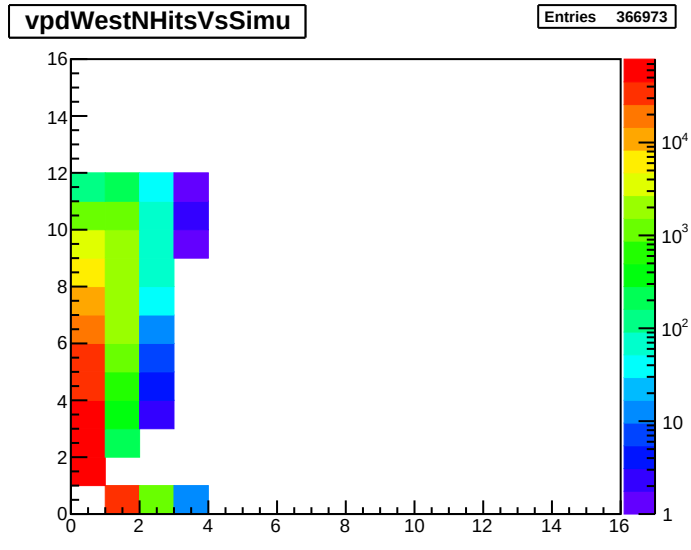

vpdEastTacSum
Entries1424986

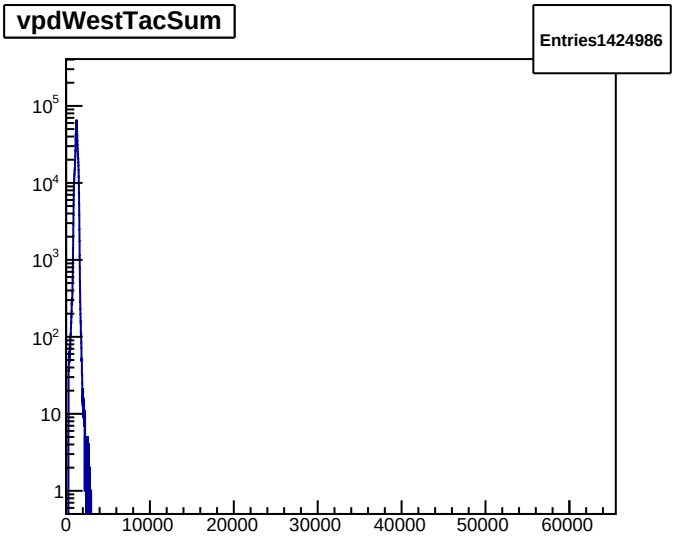

vpdEastTacSumVsSimu
Entries 1253955
Data
Simu

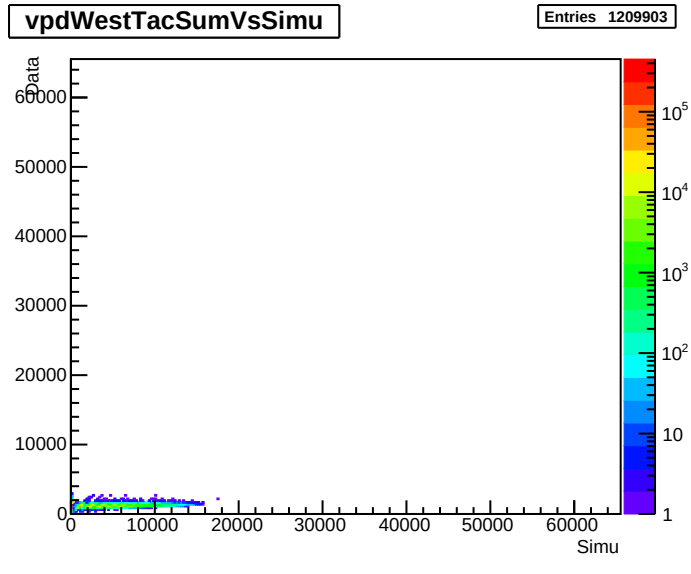

vpdWestAdcSum
Entries1424986

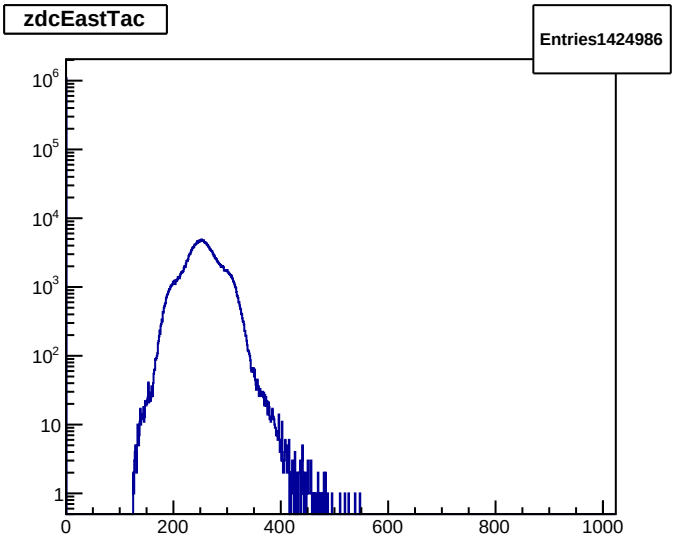

vpdWestAdcSumVsSimu
Entries 1072997
Data
Simu

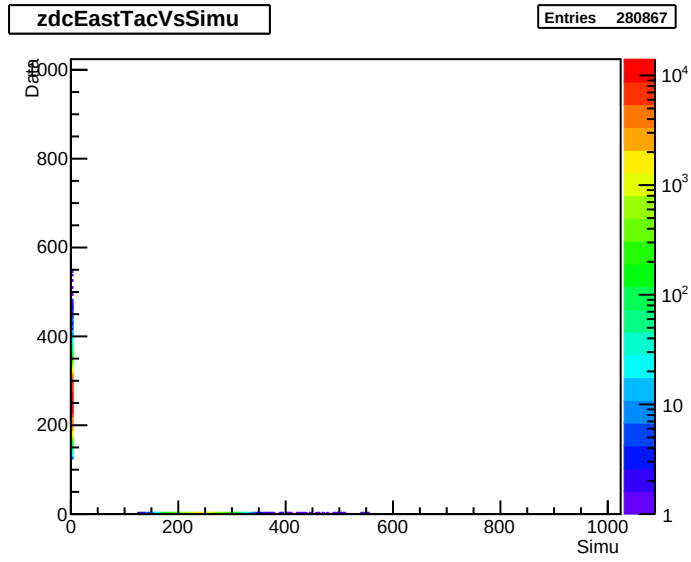

vpdWestNHits
Entries1424986

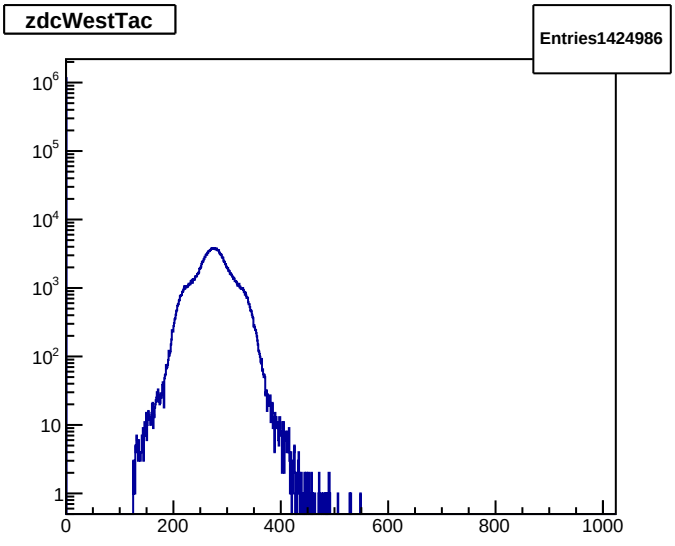

vpdWestNHitsVsSimu
Entries 366973

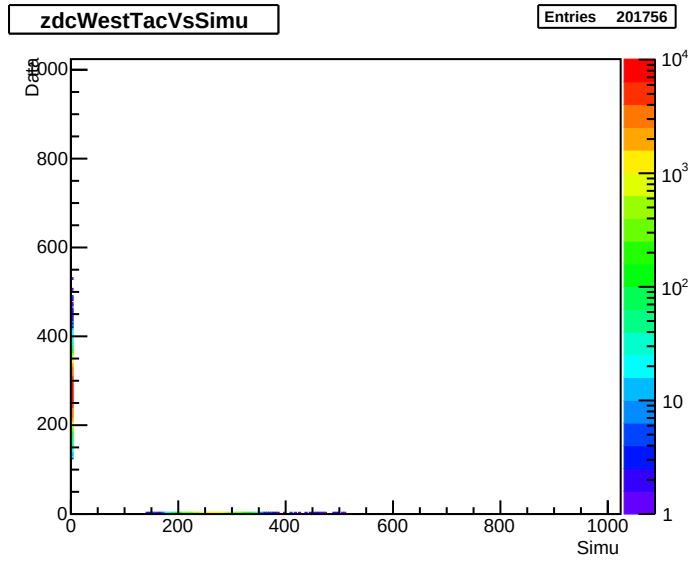

vpdWestTacSum
Entries1424986

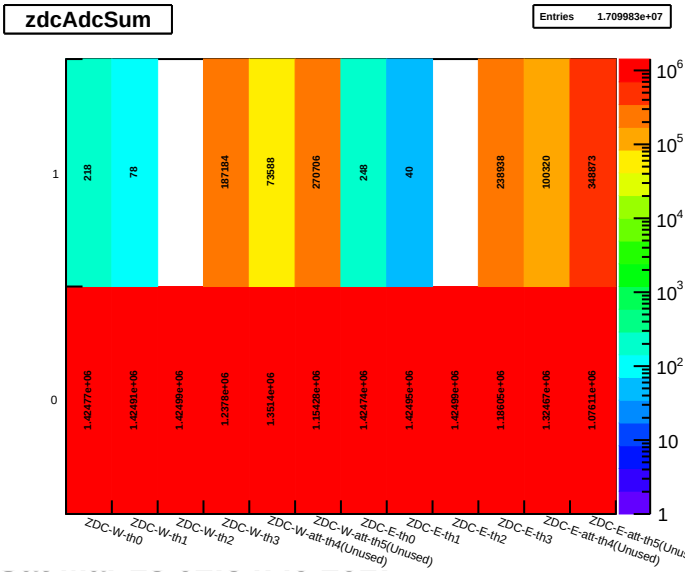

vpdWestTacSumVsSimu
Entries 1209903
Data
Simu

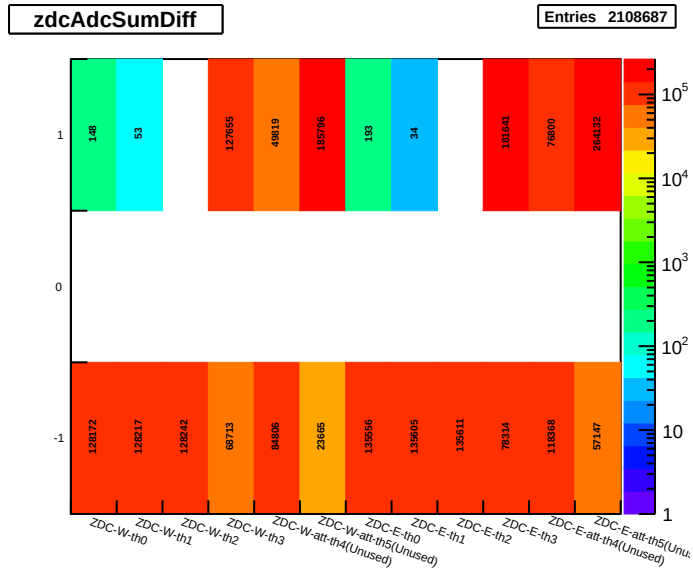

zdcEastTac
Entries1424986

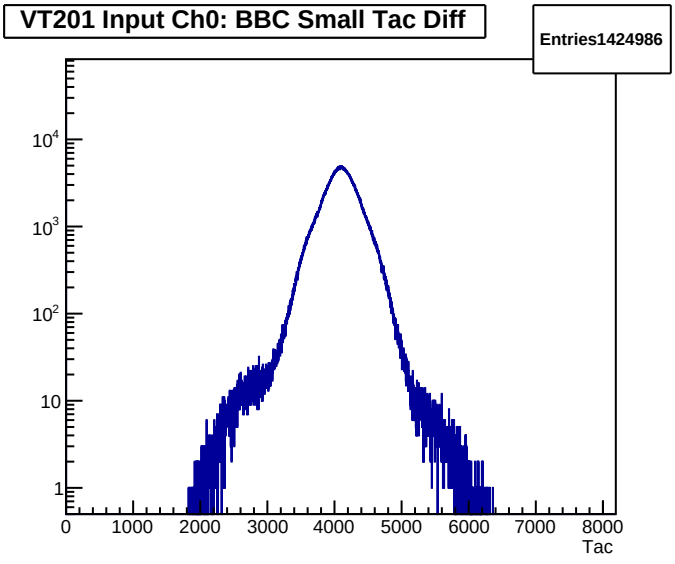

zdcEastTacVsSimu
Entries 280867
Data
Simu

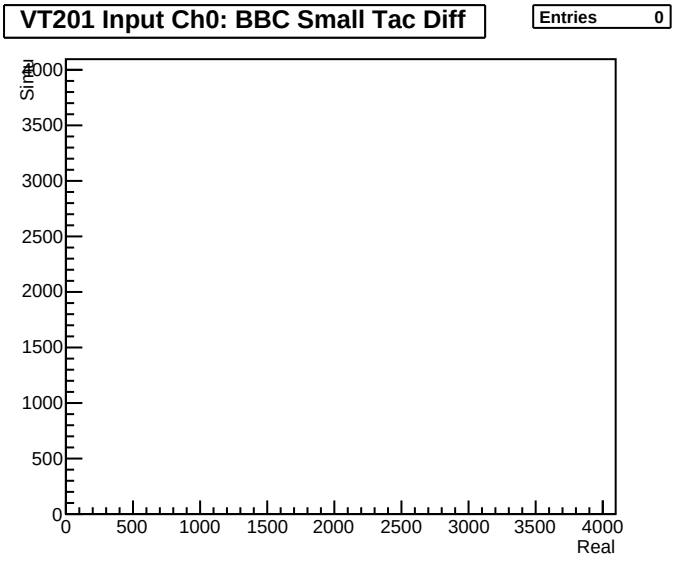

zdcWestTac
Entries1424986

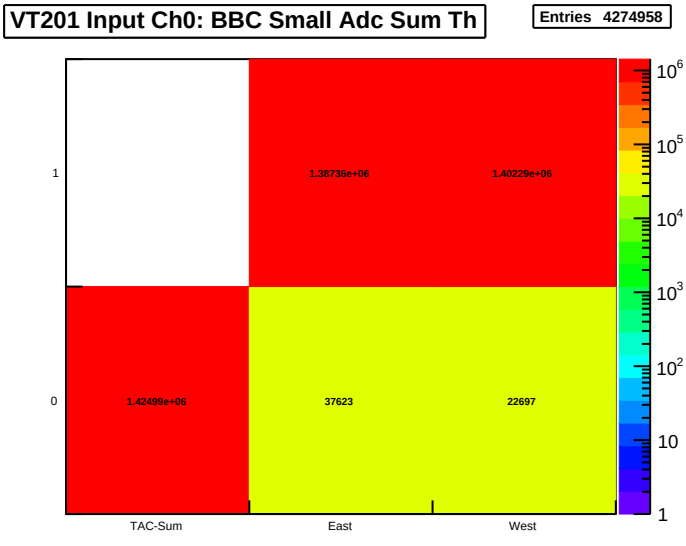

zdcWestTacVsSimu
Entries 201756
Data
Simu

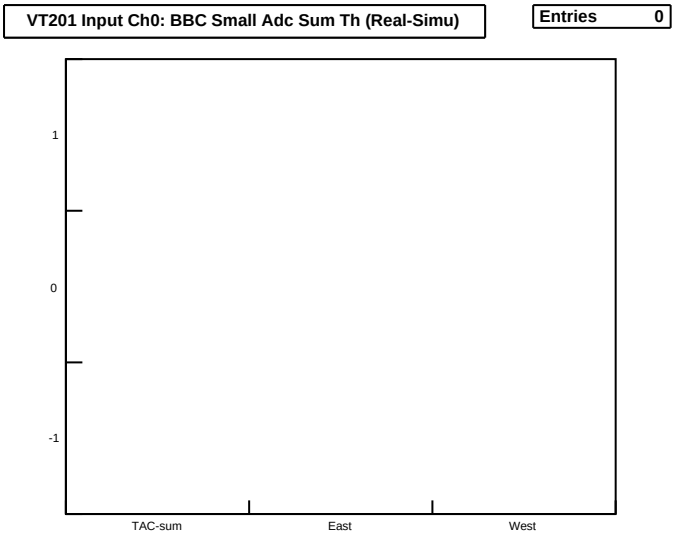

zdcAdcSum
Entries 1.709983e+07
218
78
187184
73588
270706
248
40
238938
100320
348873
1.42477e+06
1.42491e+06
1.42498e+06
1.2378e+06
1.3514e+06
1.15428e+06
1.42474e+06
1.42495e+06
1.42499e+06
1.18605e+06
1.32467e+06
1.07611e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

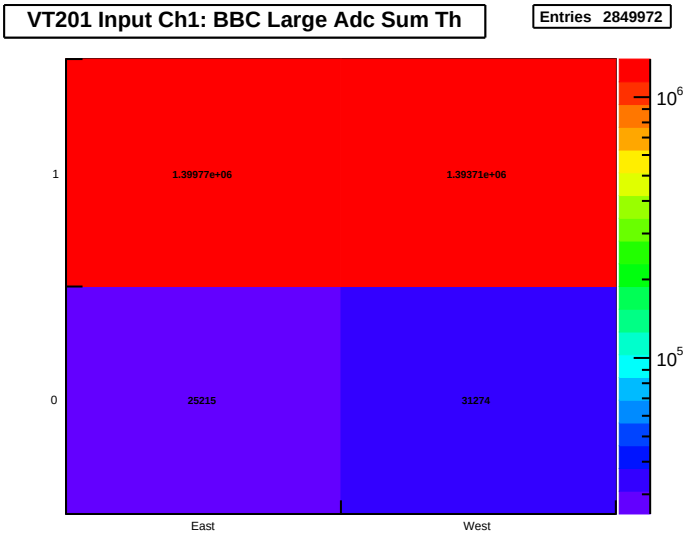

zdcAdcSumDiff
Entries 2108687
148
53
127655
49919
185706
193
34
181641
76800
264132
128172
128217
128242
68713
84806
23665
135556
135605
135611
78314
118368
57147
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

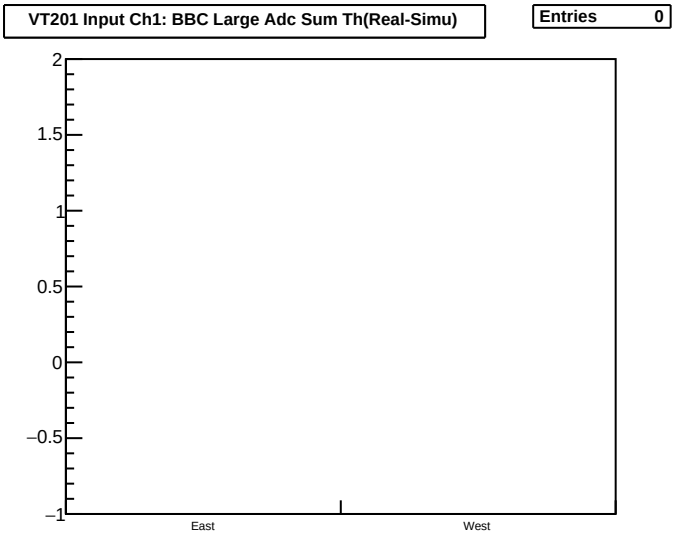

VT201 Input Ch0: BBC Small Tac Diff
Entries1424986
Tac


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

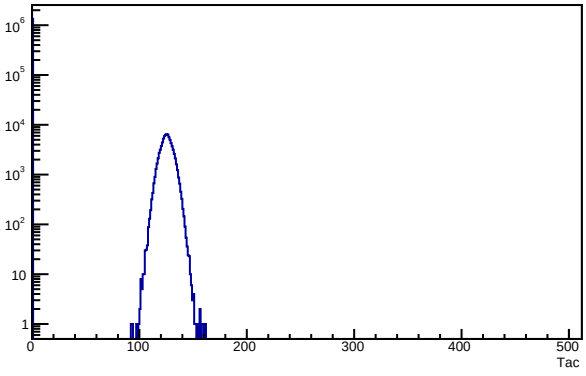

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4274958
1.38736e+06
1.40229e+06
1.42499e+06
37623
22697
TAC-Sum
East
West


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

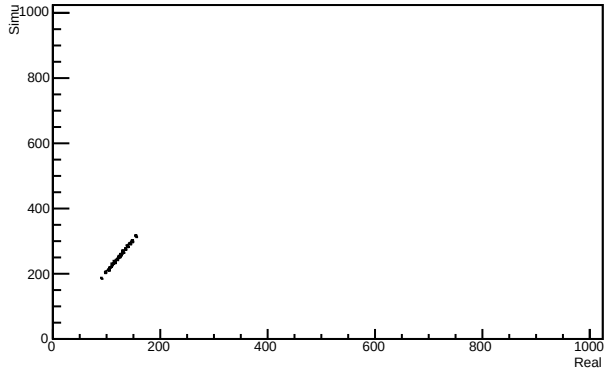

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2849972
1.39977e+06
1.39371e+06
25215
31274
East
West


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

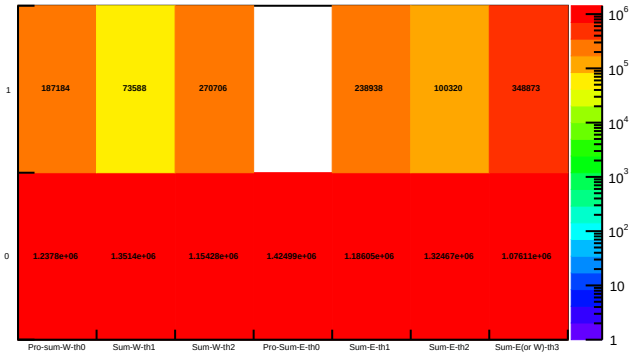
VT201 Input Ch2: ZDC Tac Diff



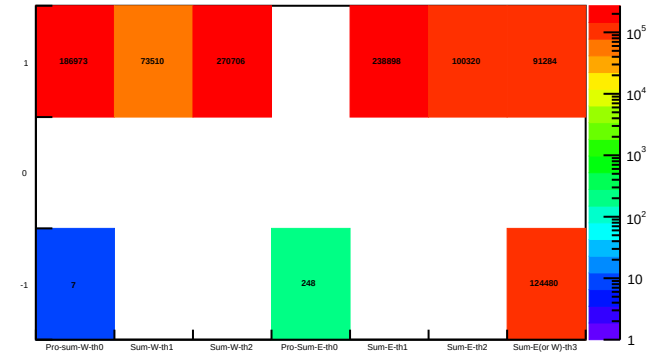
VT201 Input Ch2: ZDC Tac Diff



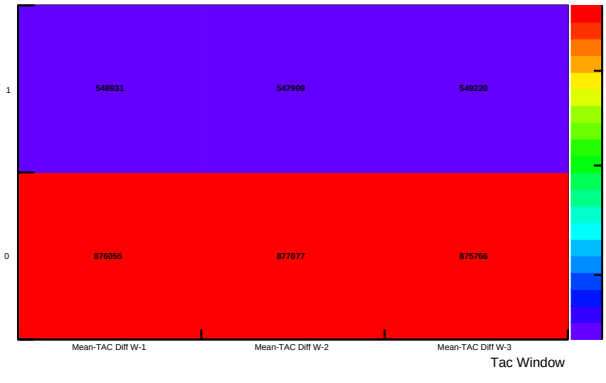
VT201 Input Ch2: ZDC Adc Sum Th



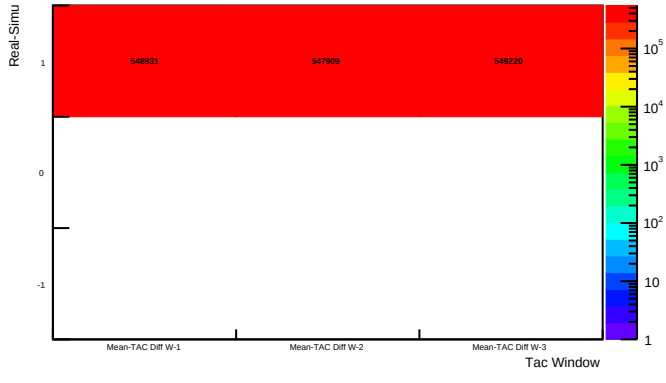
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



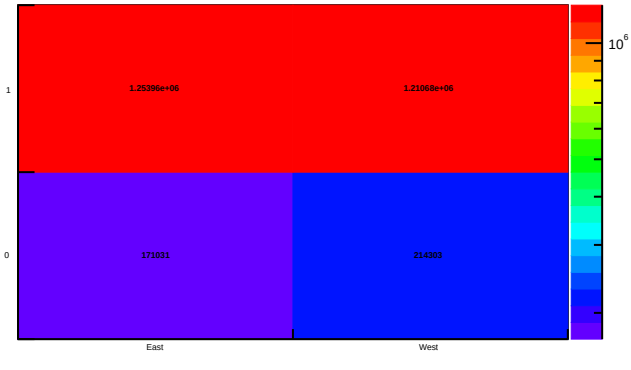
VT201 Input Ch4: VPD Tac Diff



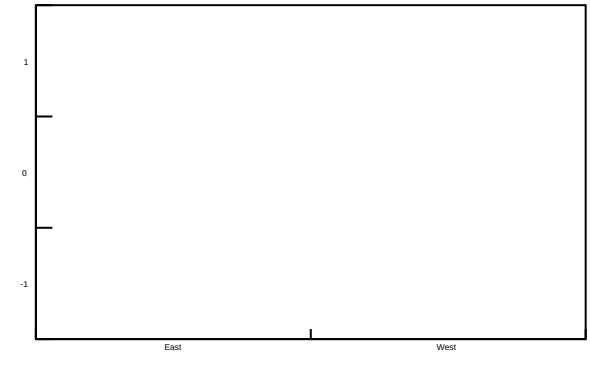
VT201 Input Ch4: VPD Tac Diff

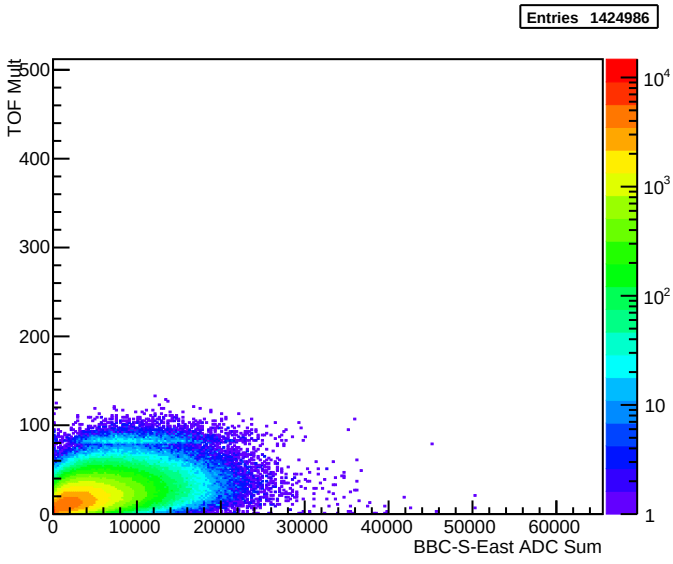


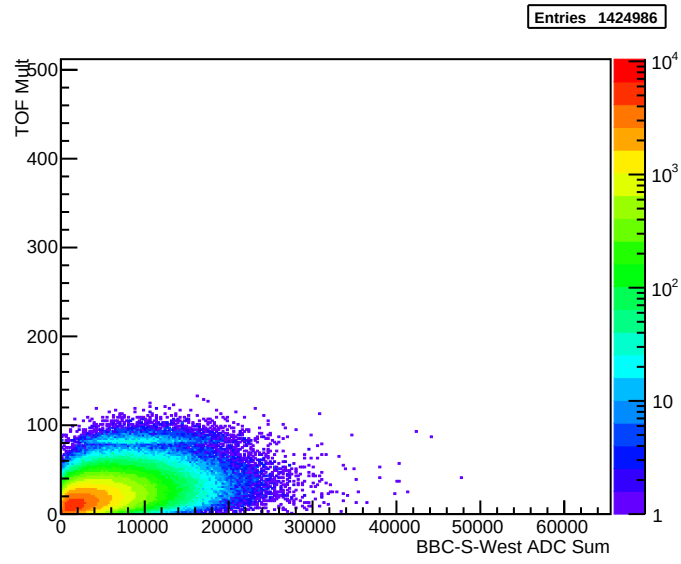
VT201 Input Ch4: VPD Adc Sum Th

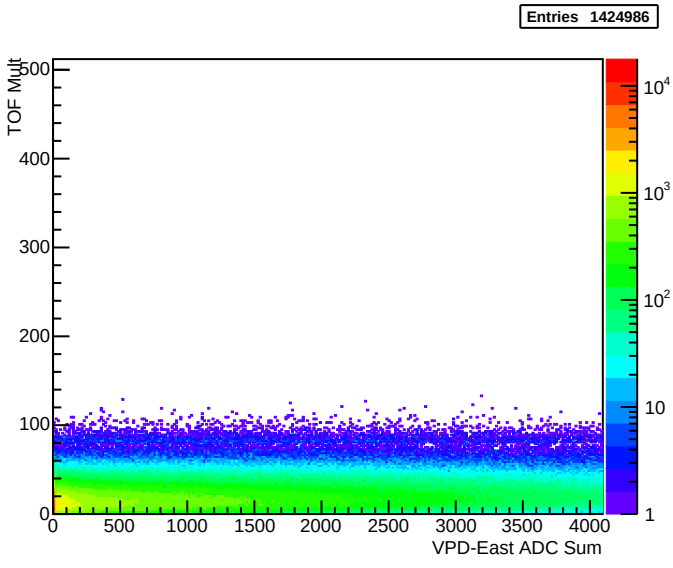


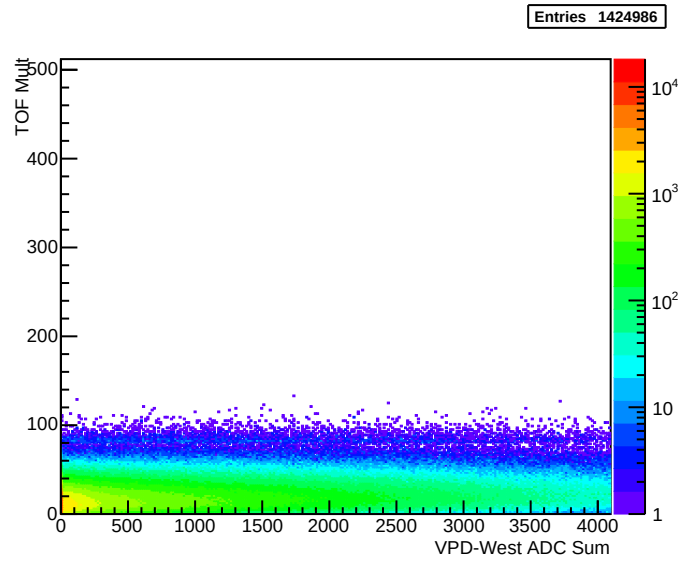
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

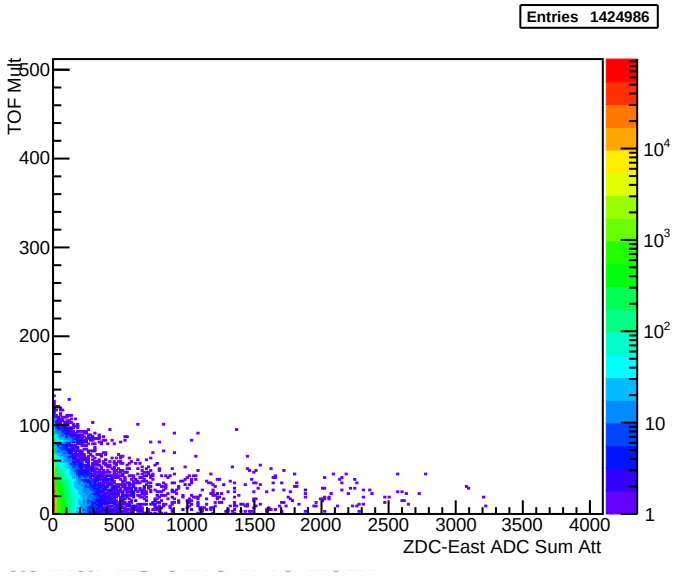


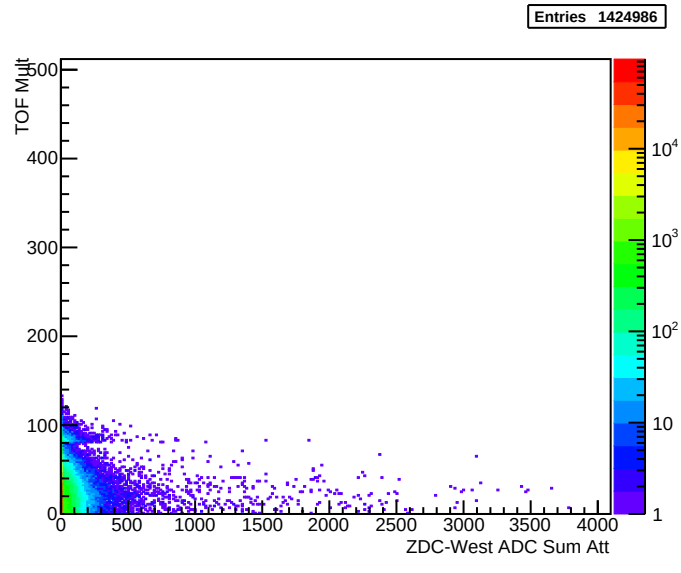

Entries 1424986
TOF Mult
BBC-S-East ADC Sum

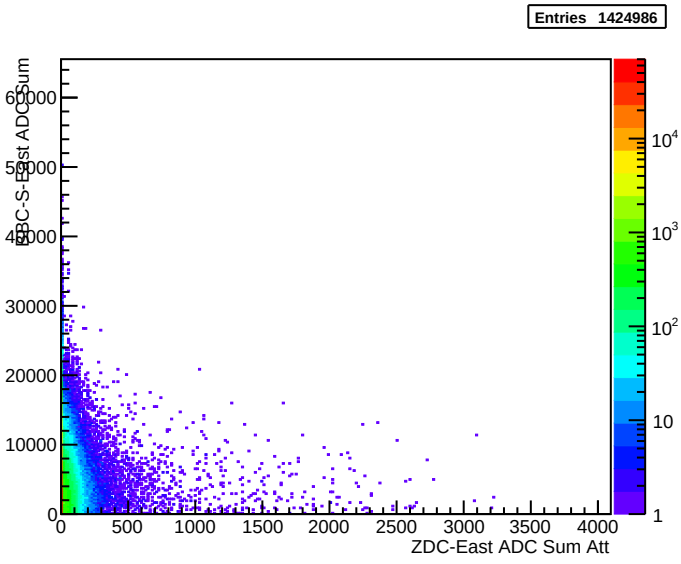

Entries 1424986
TOF Mult
BBC-S-West ADC Sum

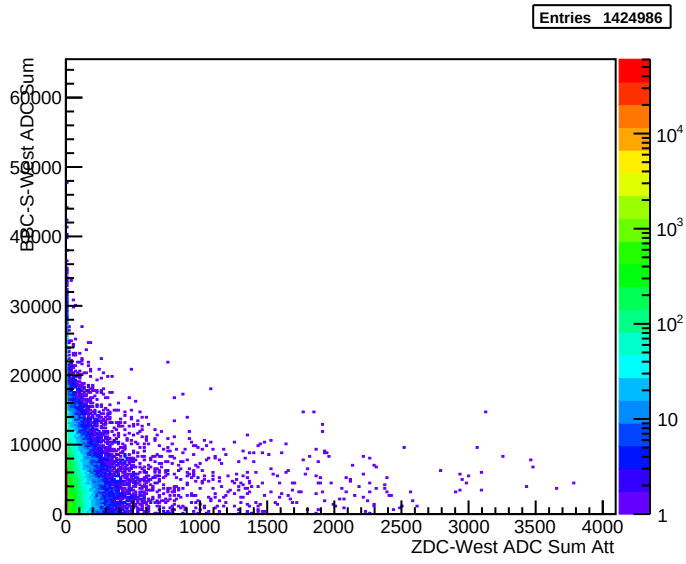

Entries 1424986
TOF Mult
VPD-East ADC Sum

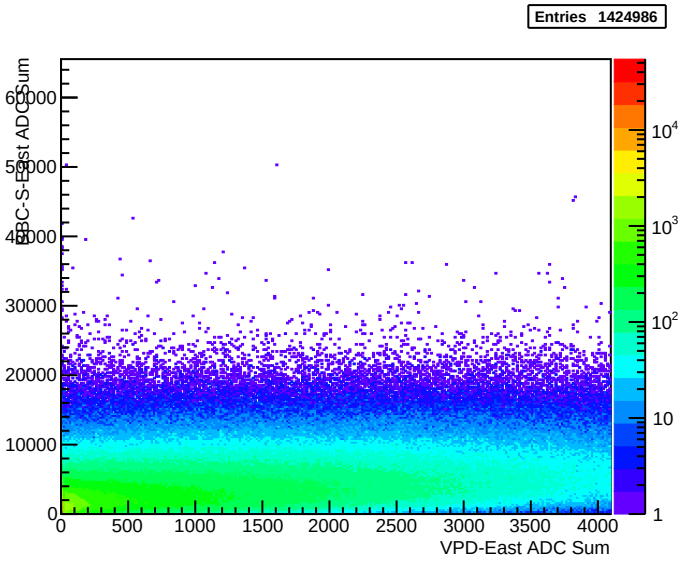

Entries 1424986
TOF Mult
VPD-West ADC Sum

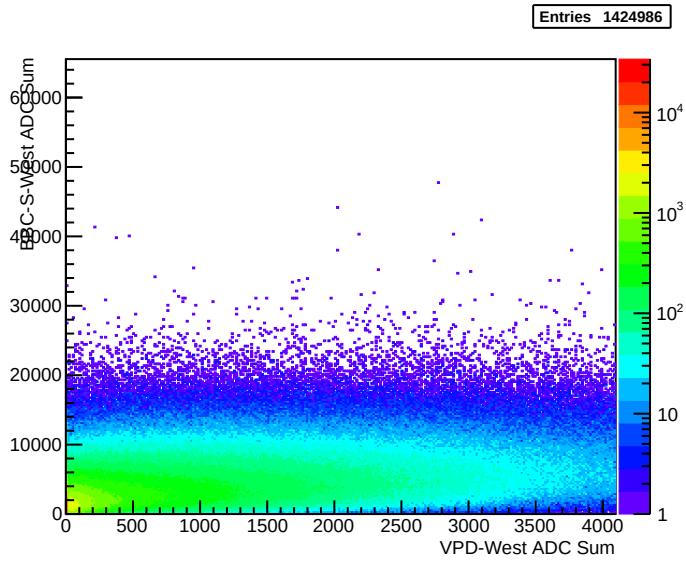

Entries 1424986
TOF Mult
ZDC-East ADC Sum Att

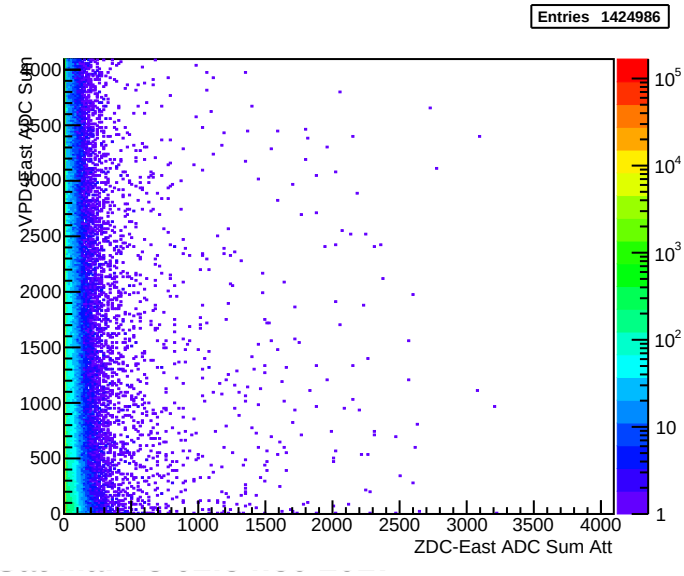

Entries 1424986
TOF Mult
ZDC-West ADC Sum Att

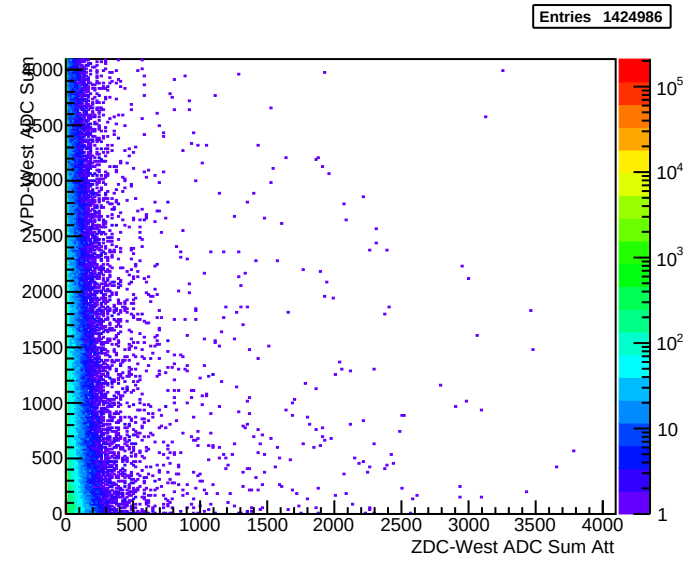

Entries 1424986
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

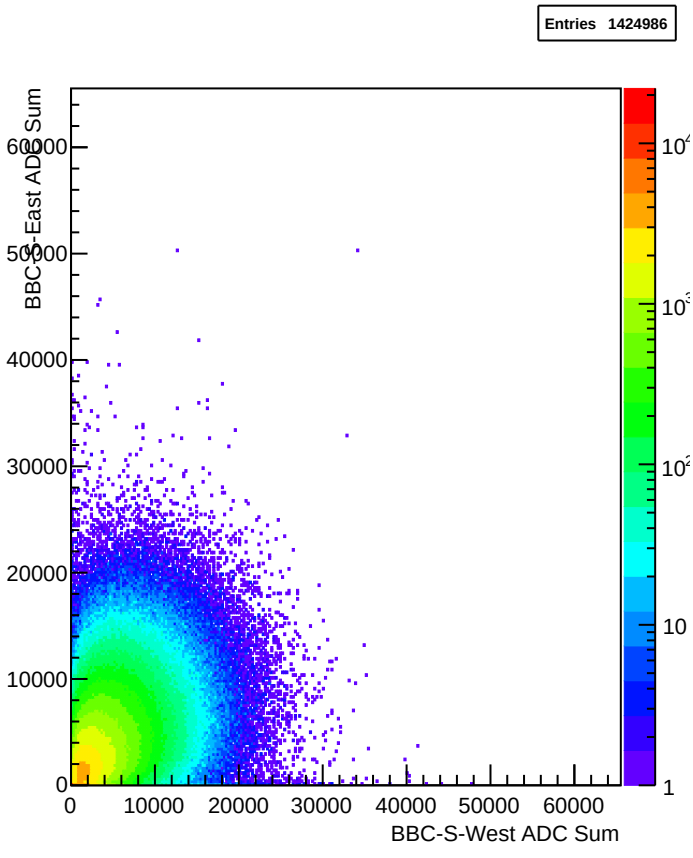

Entries 1424986
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

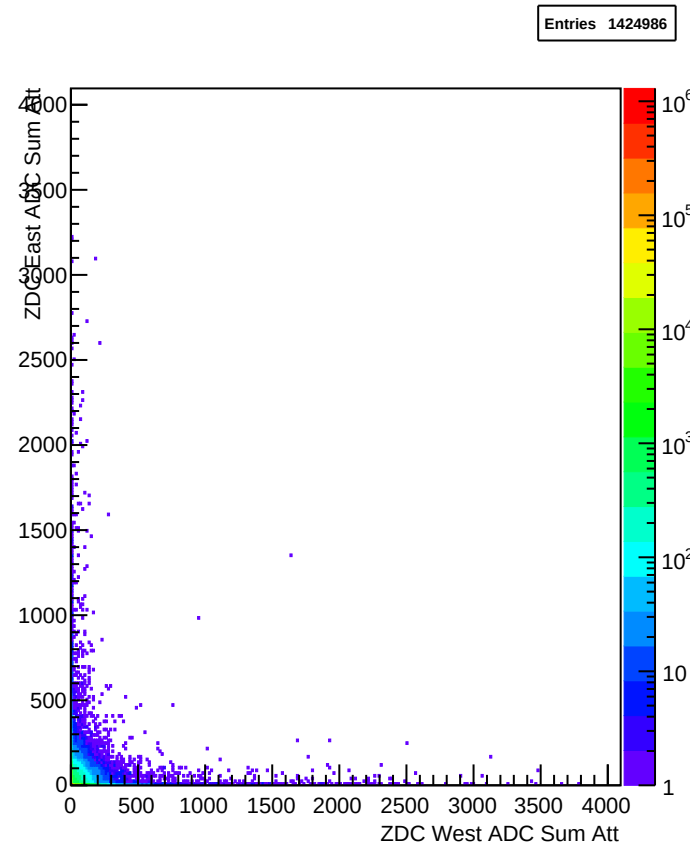

Entries 1424986
BBC-S-East ADC Sum
VPD-East ADC Sum

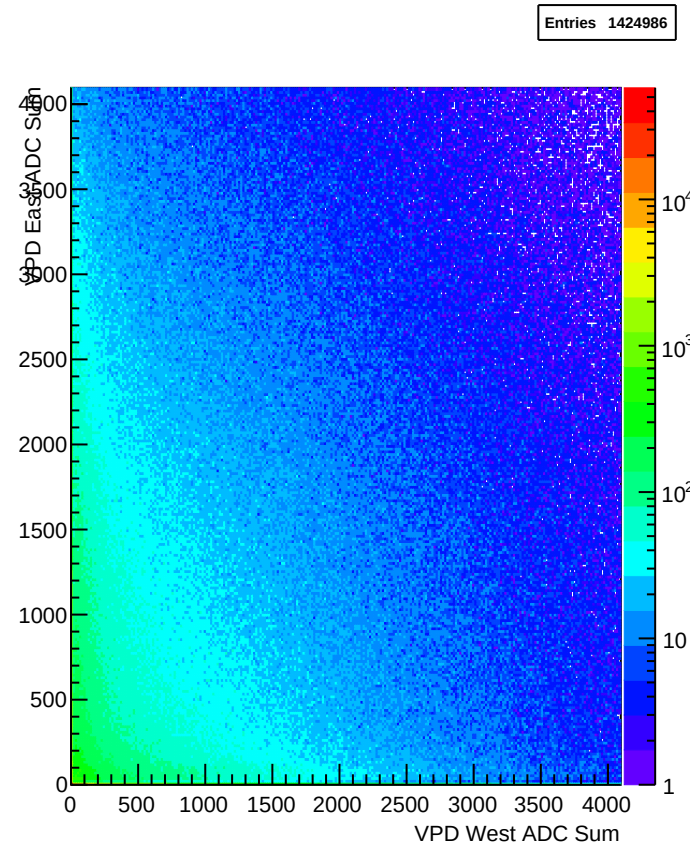

Entries 1424986
BBC-S-West ADC Sum
VPD-West ADC Sum

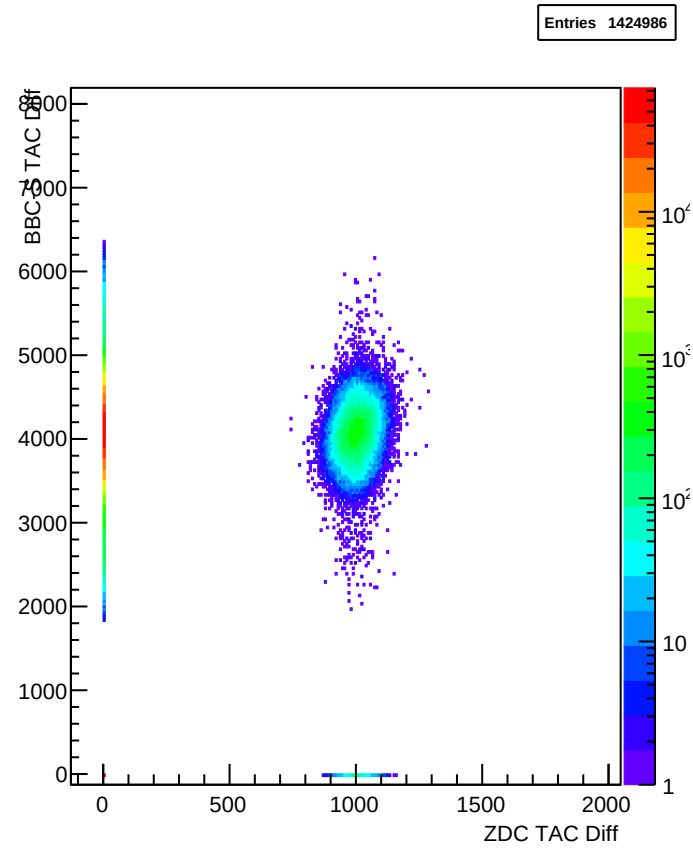

Entries 1424986
VPD-East ADC Sum
ZDC-East ADC Sum Att

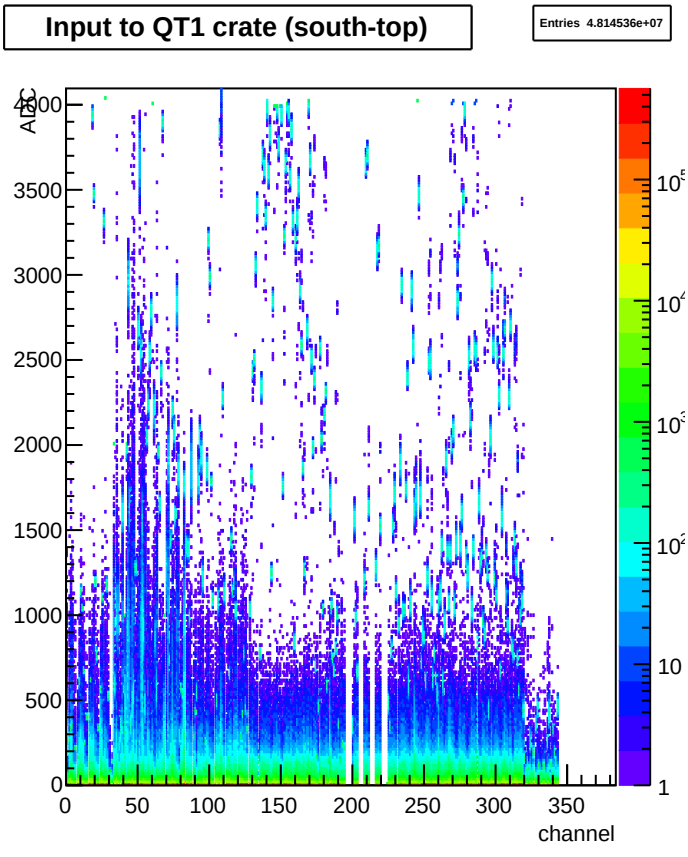

Entries 1424986
VPD-West ADC Sum
ZDC-West ADC Sum Att

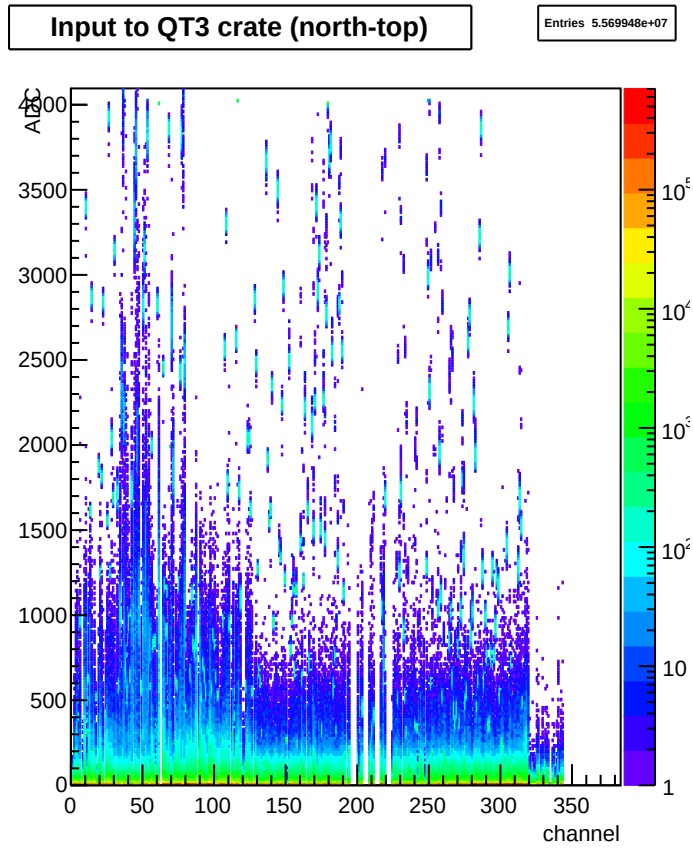

Entries 1424986
BBC-S-East ADC Sum
BBC-S-West ADC Sum

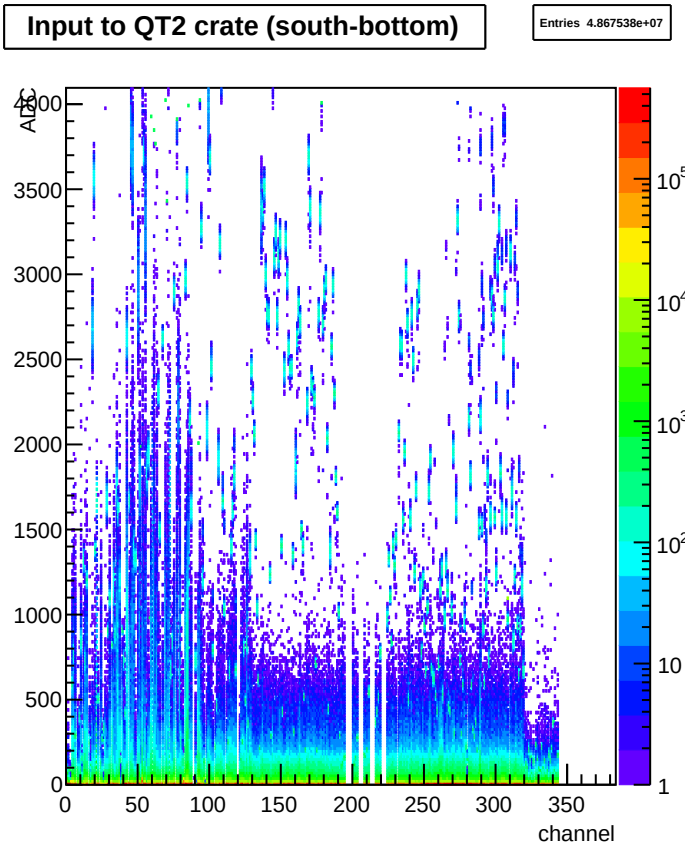

Entries 1424986
ZDC East ADC Sum Att
ZDC West ADC Sum Att

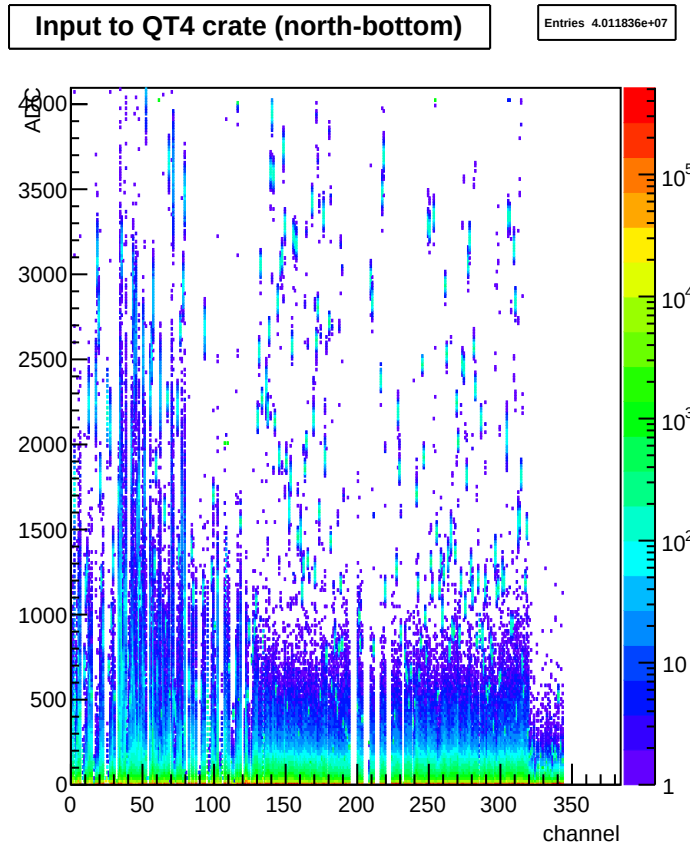

Entries 1424986
VPD East ADC Sum
VPD West ADC Sum

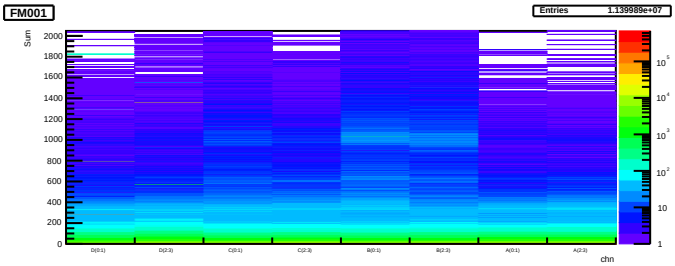

Entries 1424986
BBC-S TAC Diff
ZDC TAC Diff

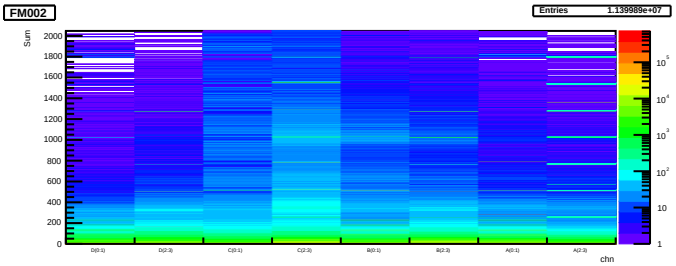

Input to QT1 crate (south-top)
Entries 4.814536e+07
ADC
channel

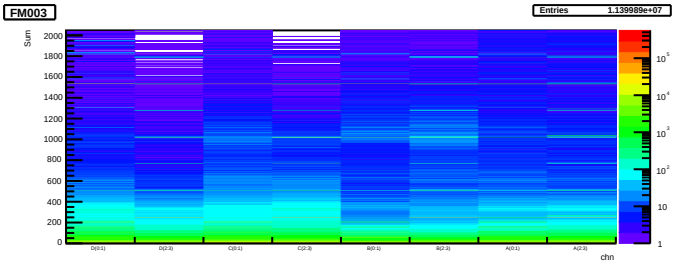

Input to QT3 crate (north-top)
Entries 5.569948e+07
ADC
channel

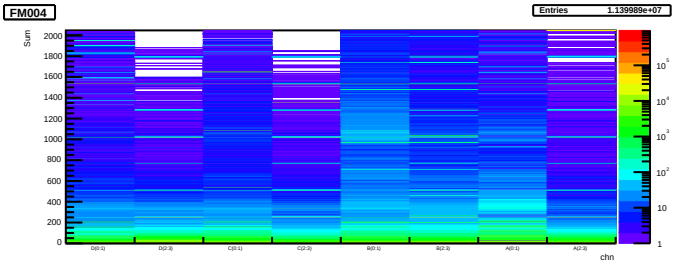

Input to QT2 crate (south-bottom)
Entries 4.867538e+07
ADC
channel

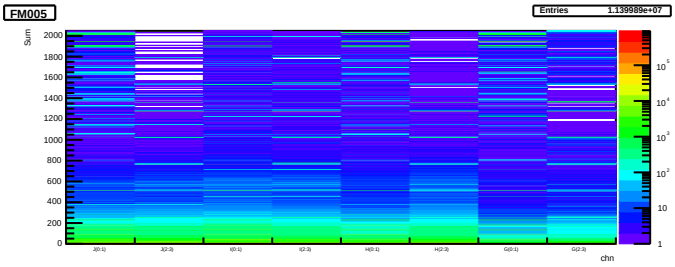

Input to QT4 crate (north-bottom)
Entries 4.011836e+07
ADC
channel

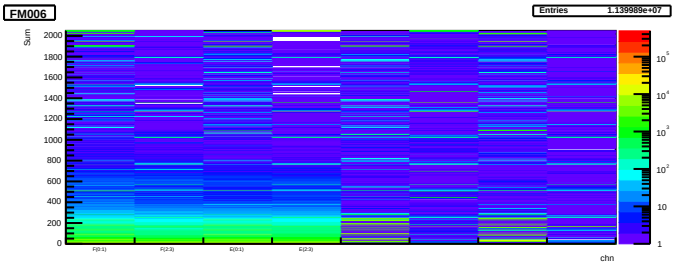

FM001
Entries 1.139989e+07
Sum
chn

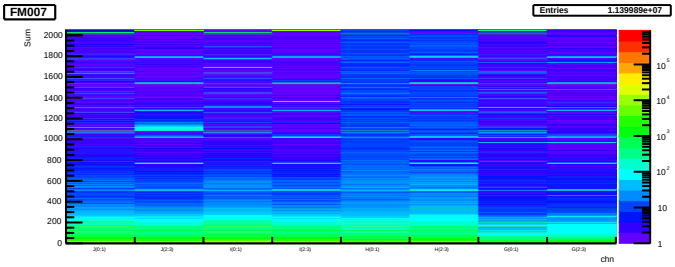

FM002
Entries 1.139989e+07
Sum
chn

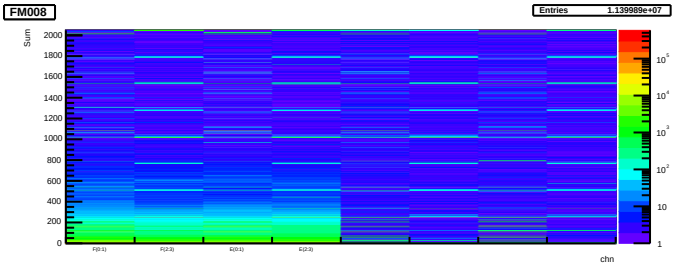

FM003
Entries 1.139989e+07
Sum
chn

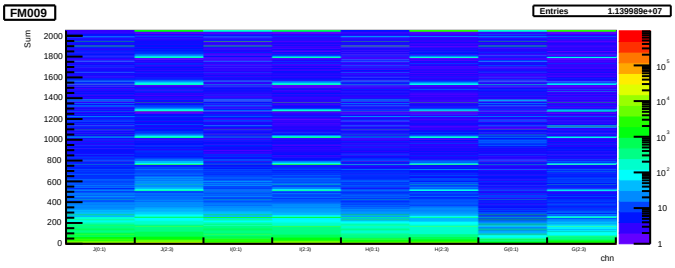

FM004
Entries 1.139989e+07
Sum
chn

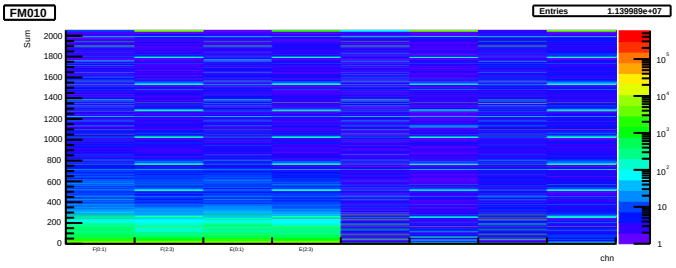

FM005
Entries 1.139989e+07
Sum
chn

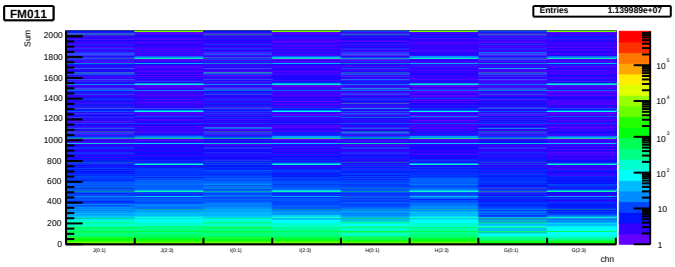

FM006
Entries 1.139989e+07
Sum
chn

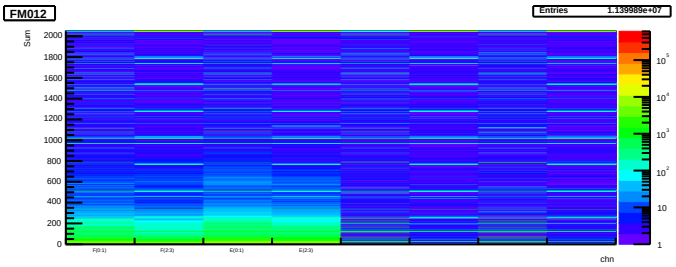

FM007
Entries 1.139989e+07
Sum
chn

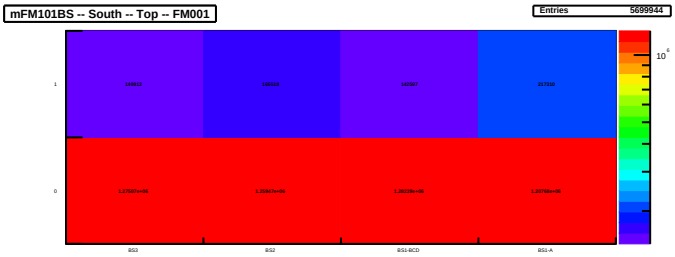

FM008
Entries 1.139989e+07
Sum
chn

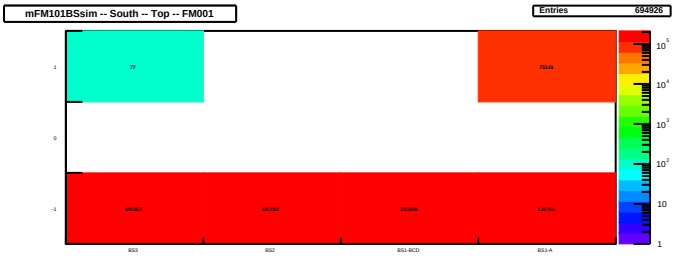

FM009
Entries 1.139989e+07
Sum
chn

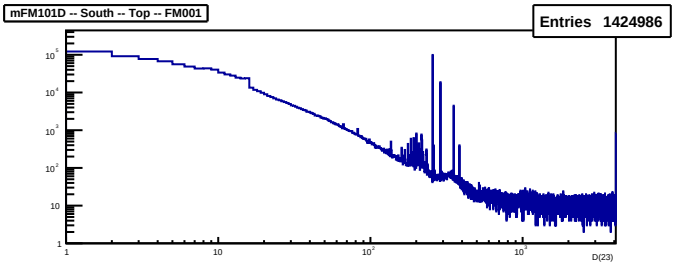

FM010
Entries 1.139989e+07
Sum
chn

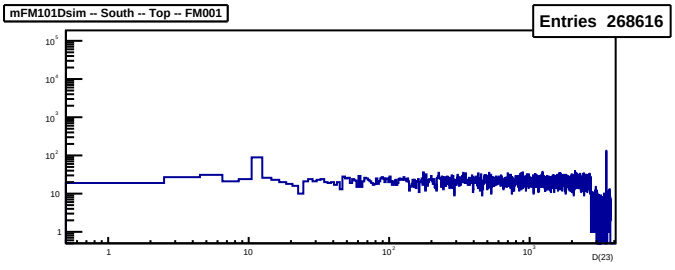

FM011
Entries 1.139989e+07
Sum
chn

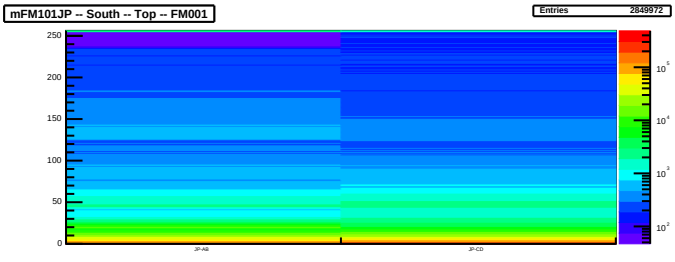

FM012
Entries 1.139989e+07
Sum
chn

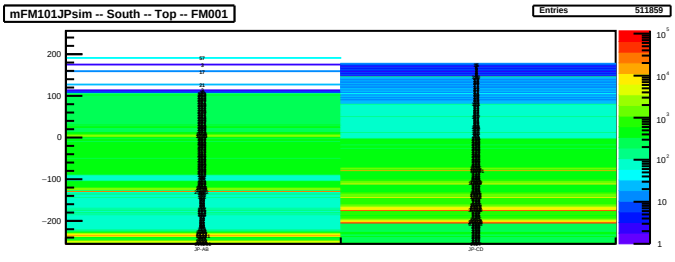

mFM101BS -- South -- Top -- FM001
Entries 5699944

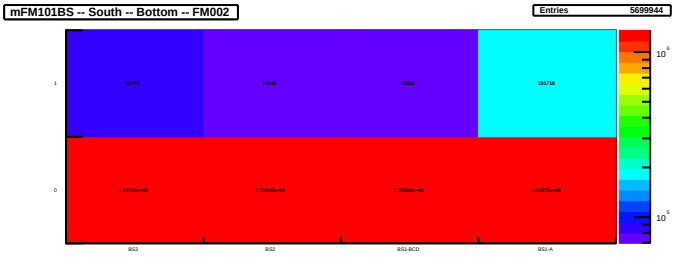

mFM101BSsim -- South -- Top -- FM001
Entries 694926

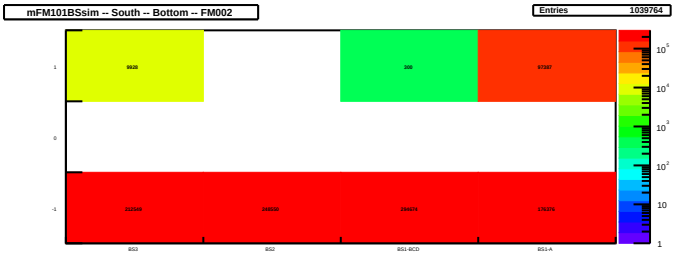

mFM101D -- South -- Top -- FM001
Entries 1424986
D(23)

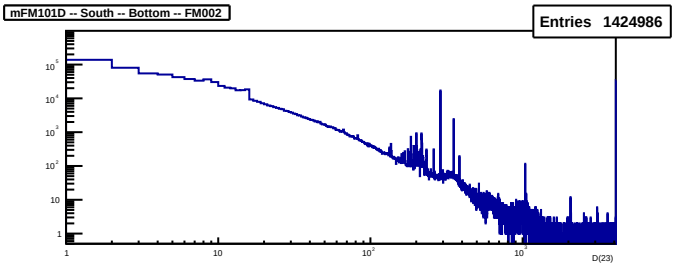

mFM101Dsim -- South -- Top -- FM001
Entries 268616
D(23)

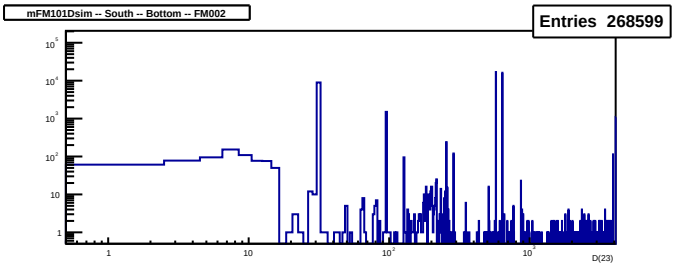

mFM101JP -- South -- Top -- FM001
Entries 2849972

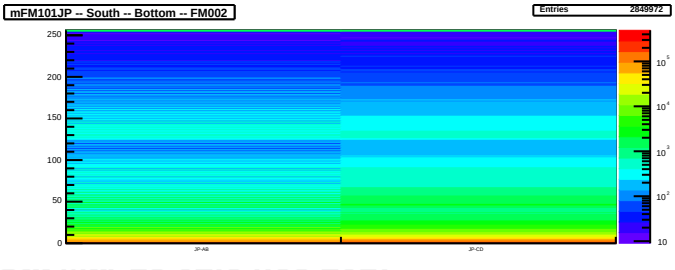

mFM101JPsim -- South -- Top -- FM001
Entries 511859

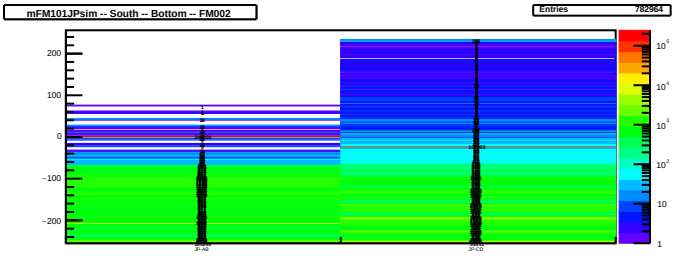

mFM101BS -- South -- Bottom -- FM002
Entries 5699944


mFM101BSsim -- South -- Bottom -- FM002
Entries 1039764

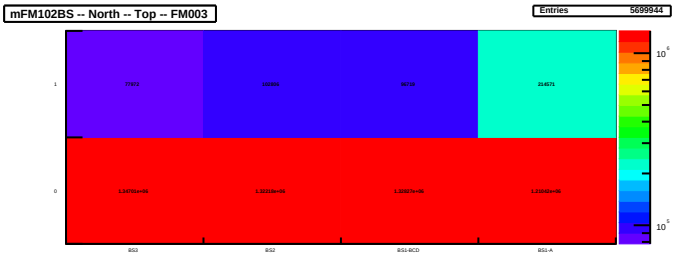

mFM101D -- South -- Bottom -- FM002
Entries 1424986
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 268599
D(23)

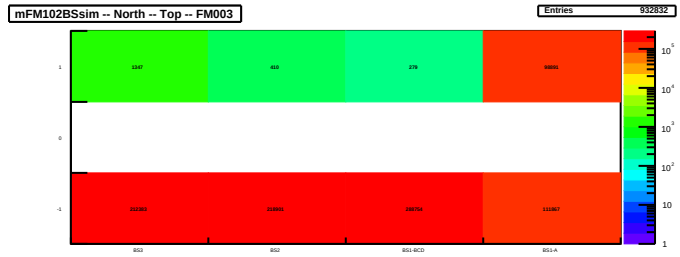

mFM101JP -- South -- Bottom -- FM002
Entries 2849972


mFM101JPsim -- South -- Bottom -- FM002
Entries 782964

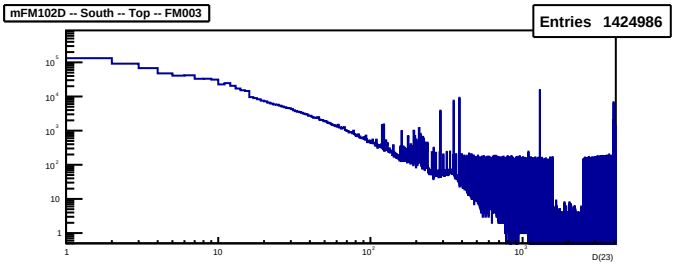
mFM102BS -- North -- Top -- FM003



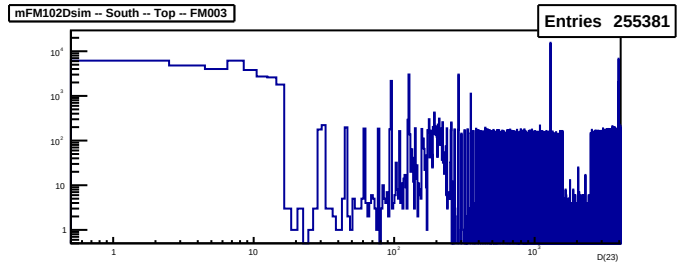
mFM102BSsim -- North -- Top -- FM003



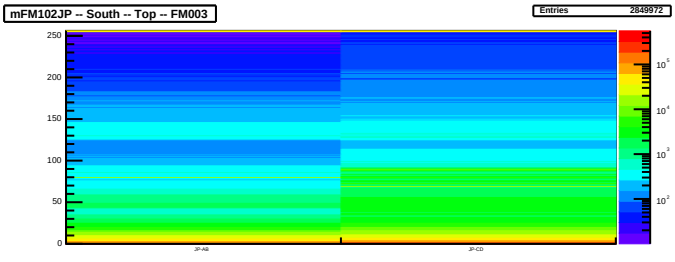
mFM102D -- South -- Top -- FM003



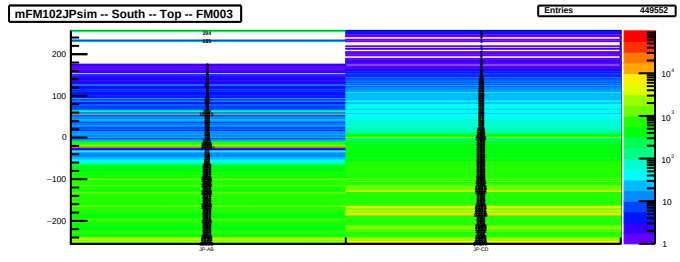
mFM102Dsim -- South -- Top -- FM003



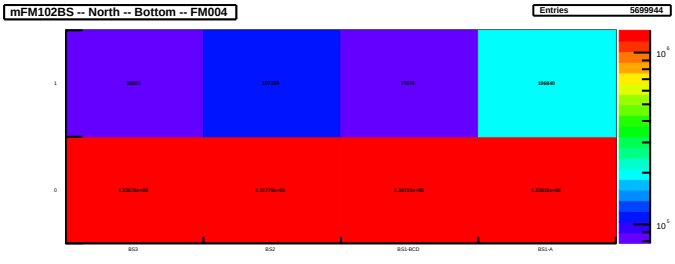
mFM102JP -- South -- Top -- FM003



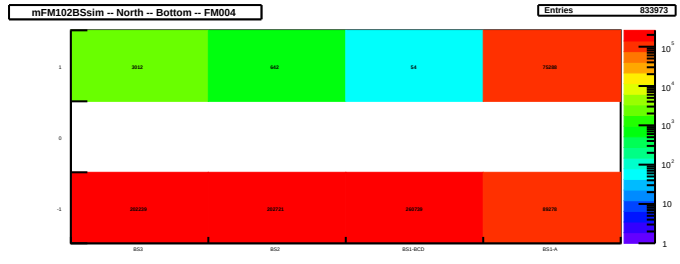
mFM102JPsim -- South -- Top -- FM003



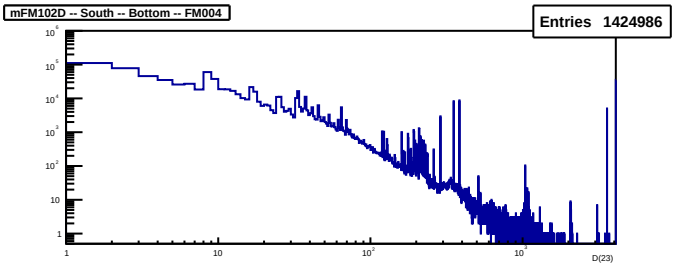
mFM102BS -- North -- Bottom -- FM004



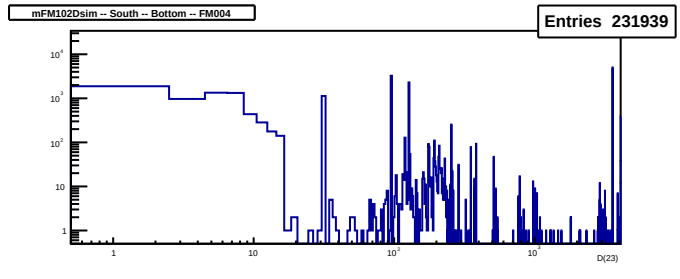
mFM102BSsim -- North -- Bottom -- FM004



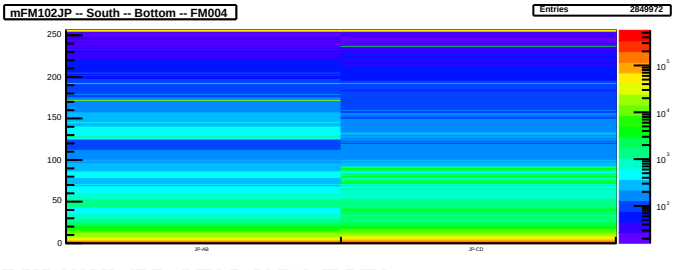
mFM102D -- South -- Bottom -- FM004



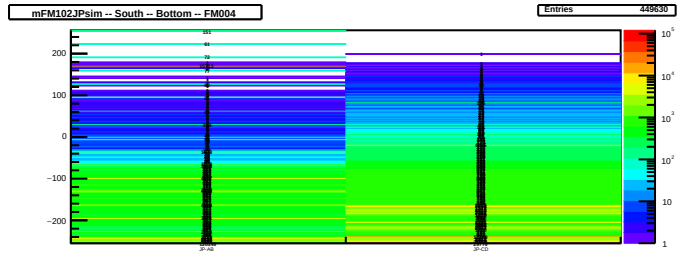
mFM102Dsim -- South -- Bottom -- FM004

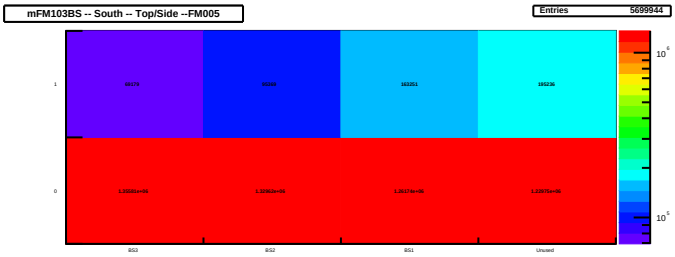


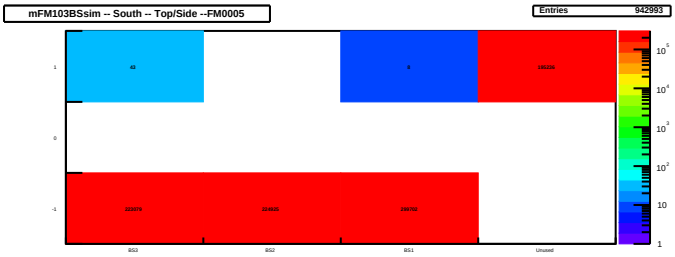
mFM102JP -- South -- Bottom -- FM004

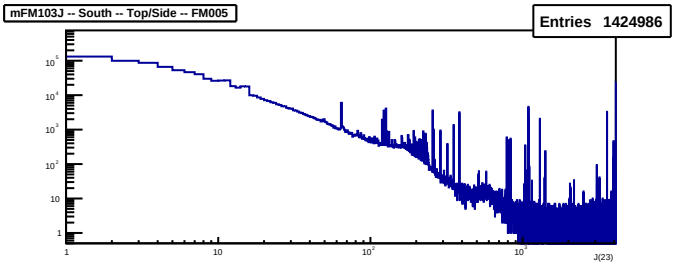


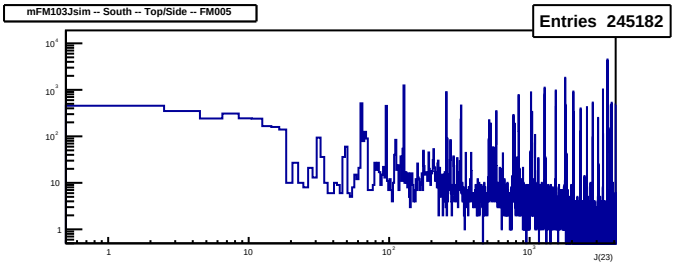
mFM102JPsim -- South -- Bottom -- FM004

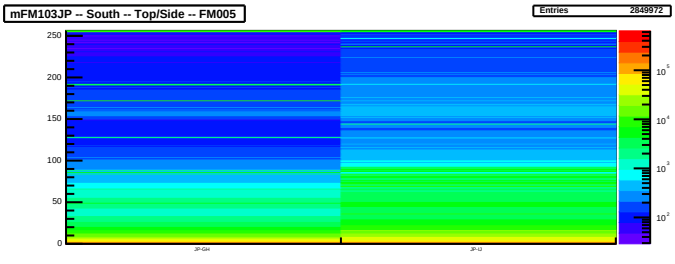


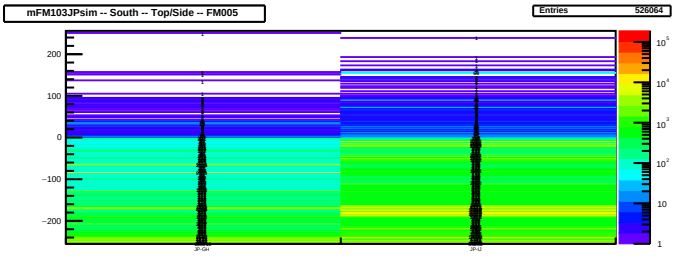

mFM103BS -- South -- Top/Side --FM005
Entries 5699944
BS3
BS2
BS1
Unused

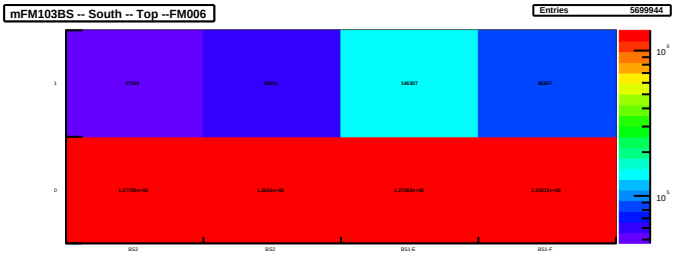

mFM103BSsim -- South -- Top/Side --FM0005
Entries 942993
BS3
BS2
BS1
Unused

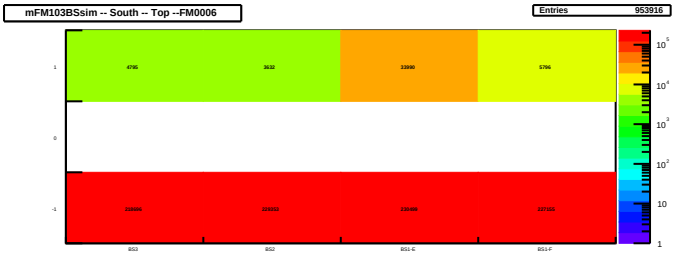

mFM103J -- South -- Top/Side -- FM005
Entries 1424986
J(23)

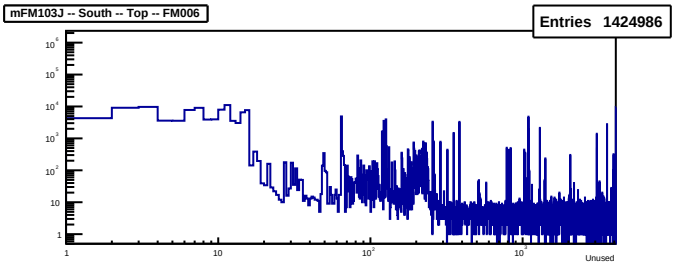

mFM103Jsim -- South -- Top/Side -- FM005
Entries 245182
J(23)

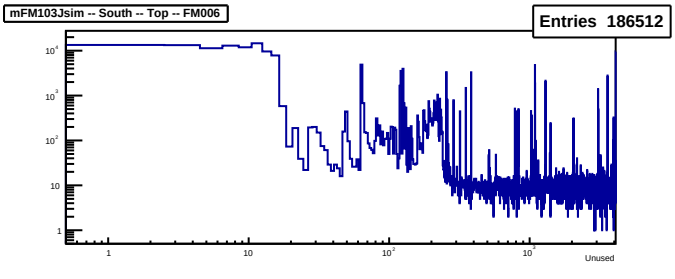

mFM103JP -- South -- Top/Side -- FM005
Entries 2849972
JP-GH
JP-IJ

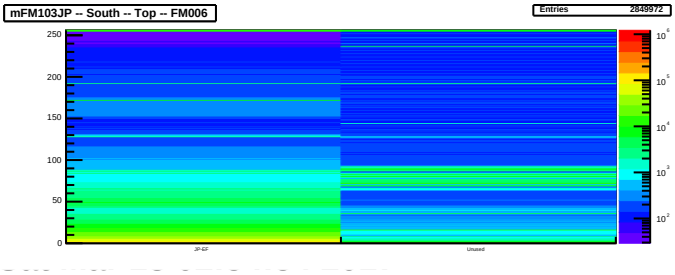

mFM103JPsim -- South -- Top/Side -- FM005
Entries 526064
JP-GH
JP-IJ

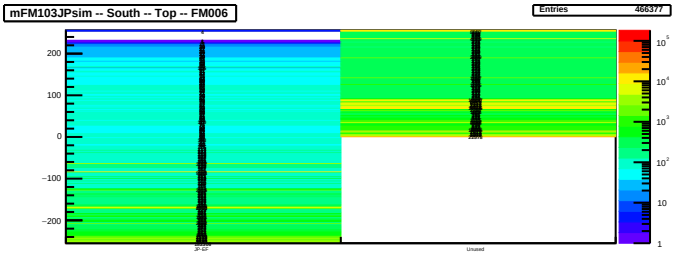

mFM103BS -- South -- Top --FM006
Entries 5699944
BS3
BS2
BS1-E
BS1-F

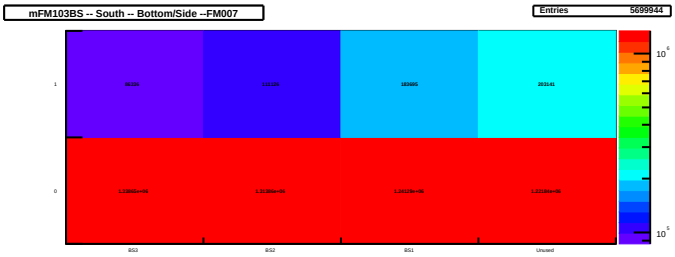

mFM103BSsim -- South -- Top --FM0006
Entries 953916
BS3
BS2
BS1-E
BS1-F

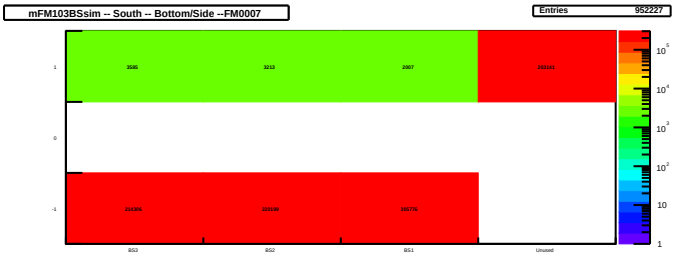

mFM103J -- South -- Top -- FM006
Entries 1424986
Unused

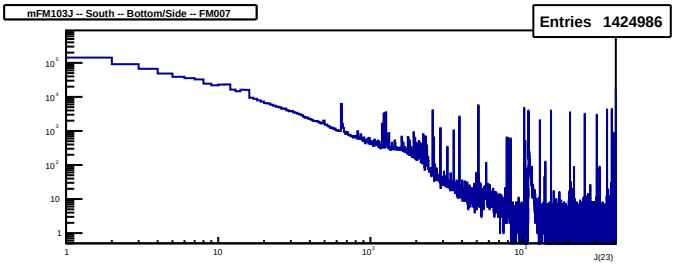

mFM103Jsim -- South -- Top -- FM006
Entries 186512
Unused

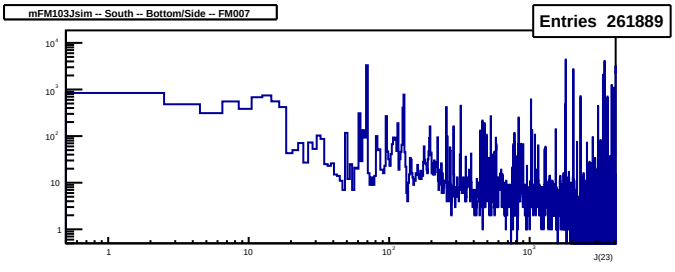

mFM103JP -- South -- Top -- FM006
Entries 2849972
JP-EF
Unused

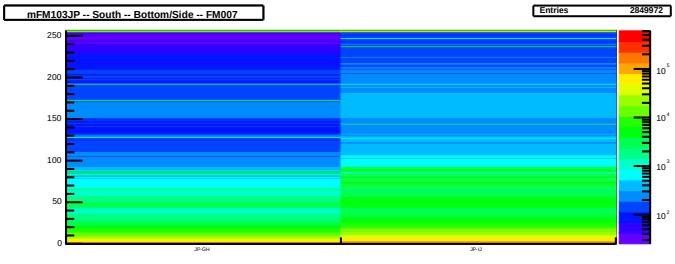

mFM103JPsim -- South -- Top -- FM006
Entries 466377
JP-EF
Unused

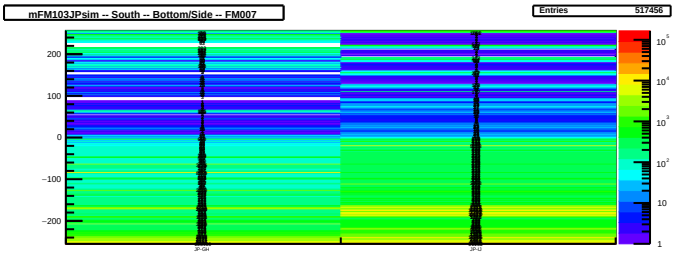

mFM103BS -- South -- Bottom/Side --FM007
Entries 5699944

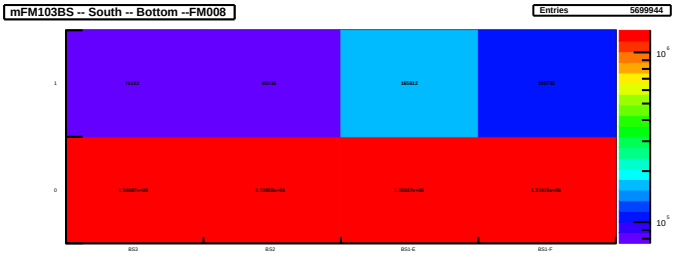

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 952227

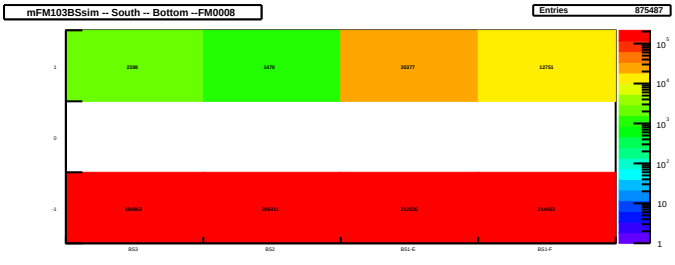

mFM103J -- South -- Bottom/Side -- FM007
Entries 1424986
J(23)

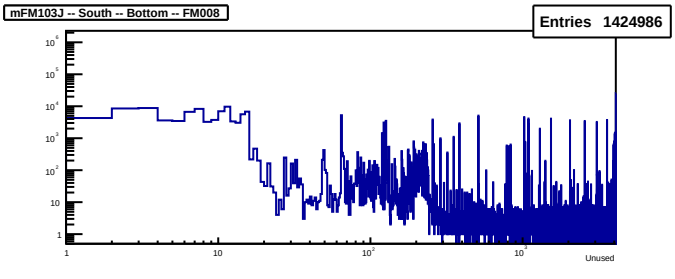

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 261889
J(23)

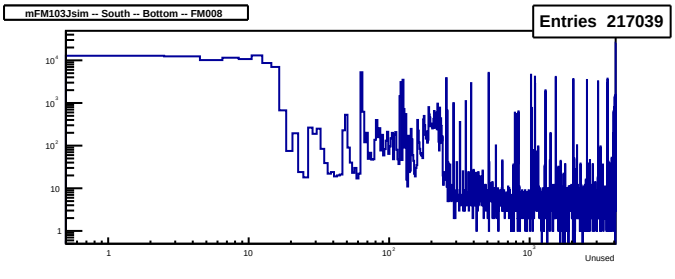

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2849972

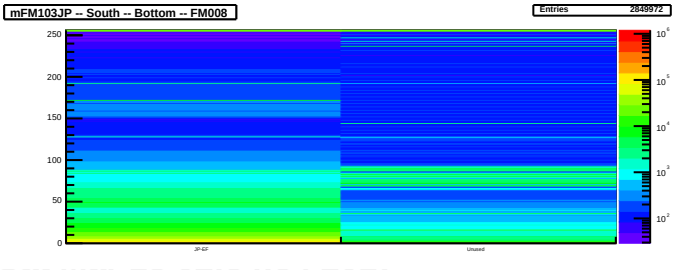

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 517456

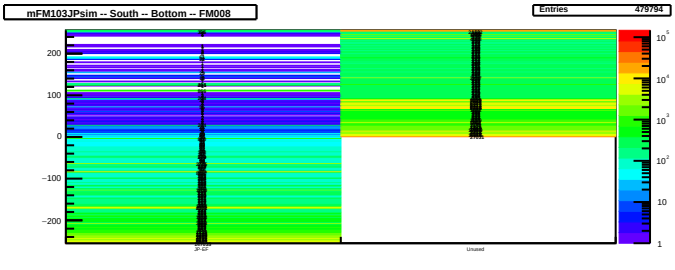

mFM103BS -- South -- Bottom --FM008
Entries 5699944

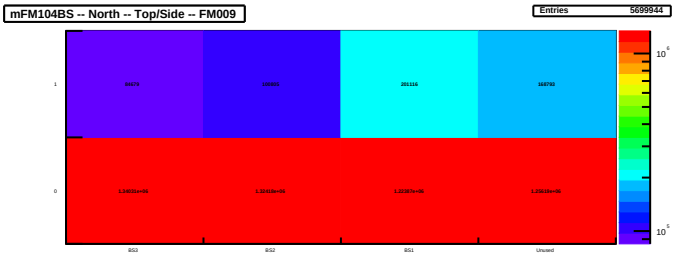

mFM103BSsim -- South -- Bottom --FM0008
Entries 875487

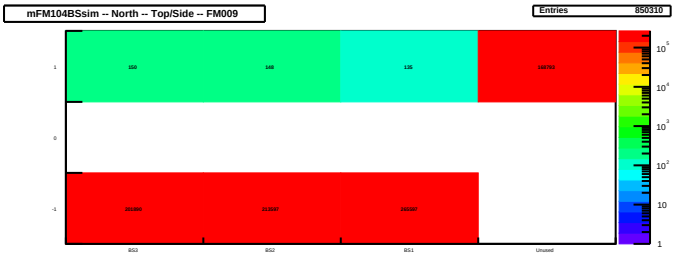

mFM103J -- South -- Bottom -- FM008
Entries 1424986
Unused

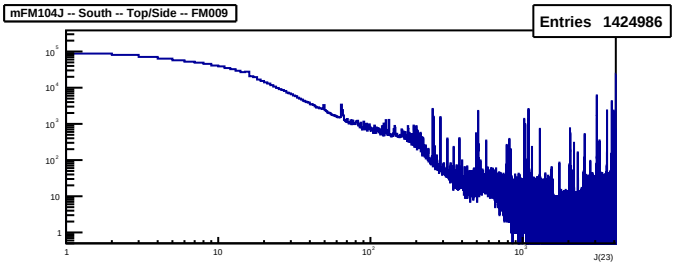

mFM103Jsim -- South -- Bottom -- FM008
Entries 217039
Unused

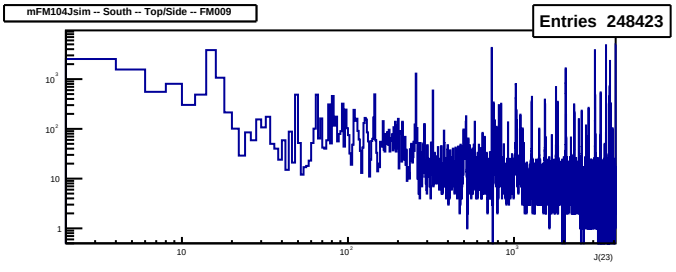

mFM103JP -- South -- Bottom -- FM008
Entries 2849972

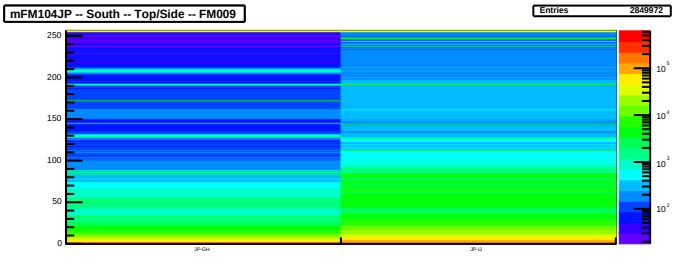

mFM103JPsim -- South -- Bottom -- FM008
Entries 479794

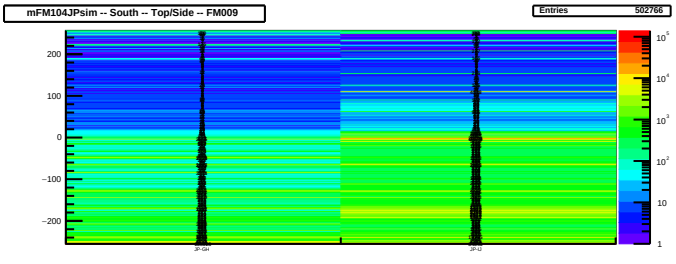

mFM104BS -- North -- Top/Side -- FM009
Entries 5699944

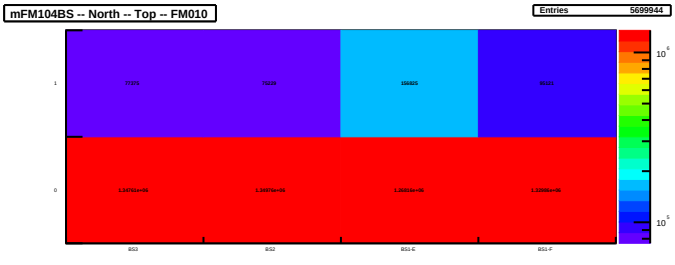

mFM104BSsim -- North -- Top/Side -- FM009
Entries 850310

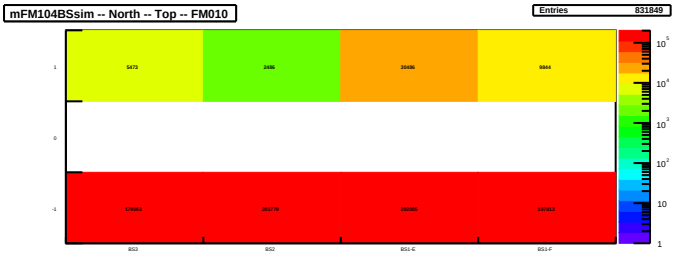

mFM104J -- South -- Top/Side -- FM009
Entries 1424986
J(23)

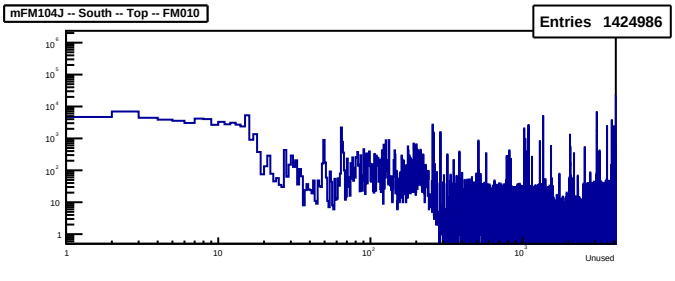

mFM104Jsim -- South -- Top/Side -- FM009
Entries 248423
J(23)

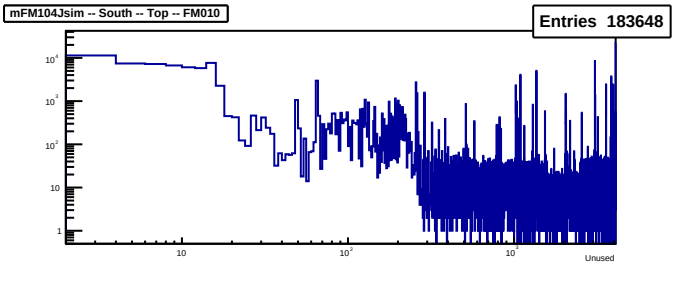

mFM104JP -- South -- Top/Side -- FM009
Entries 2849972

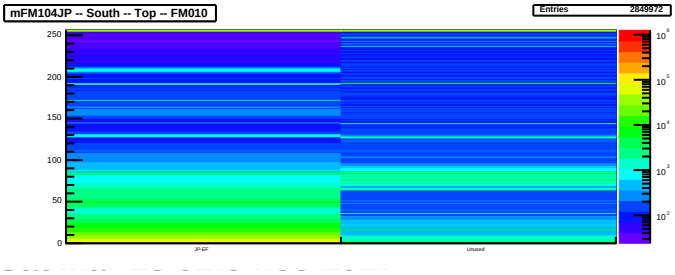

mFM104JPsim -- South -- Top/Side -- FM009
Entries 502766

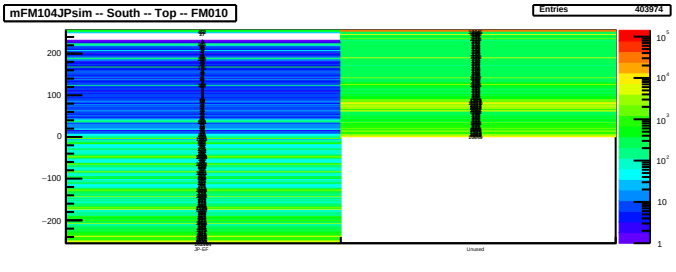

mFM104BS -- North -- Top -- FM010
Entries 5699944

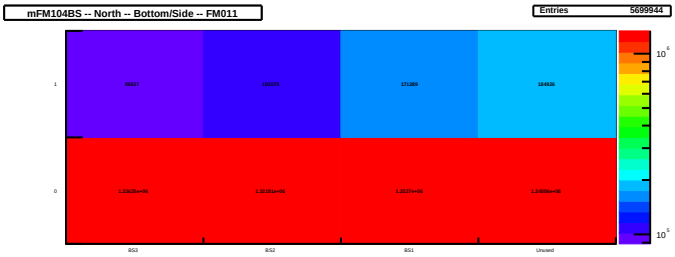

mFM104BSsim -- North -- Top -- FM010
Entries 831849

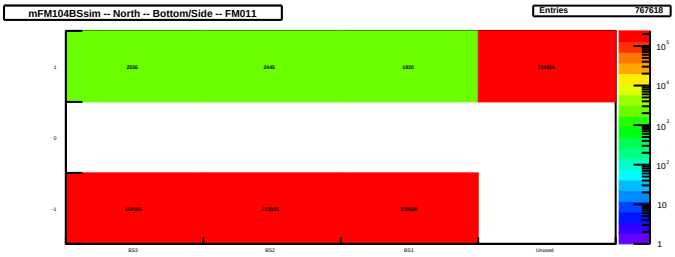

mFM104J -- South -- Top -- FM010
Entries 1424986
Unused

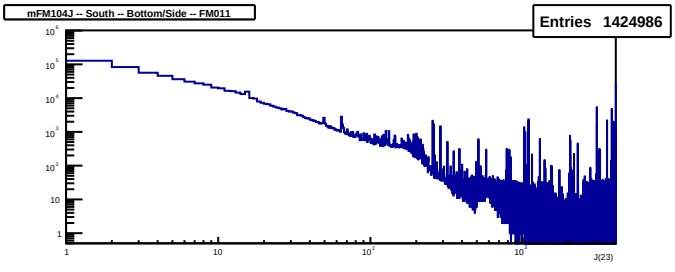

mFM104Jsim -- South -- Top -- FM010
Entries 183648
Unused

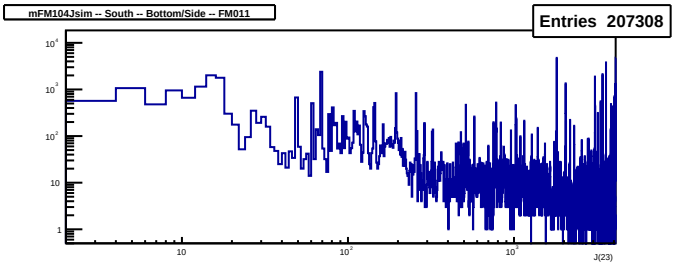

mFM104JP -- South -- Top -- FM010
Entries 2849972

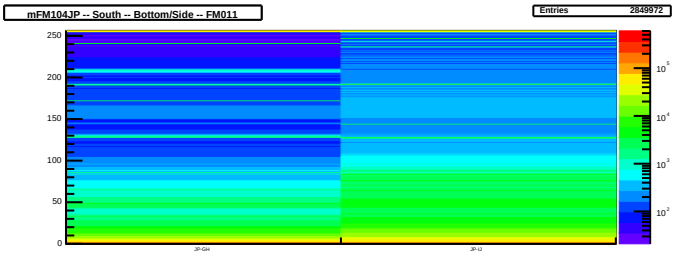

mFM104JPsim -- South -- Top -- FM010
Entries 403974

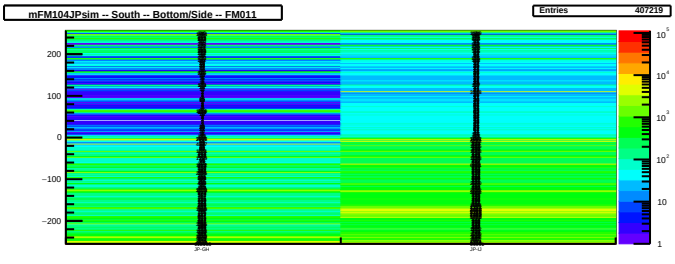

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5699944
BS3
BS2
BS1
Unused

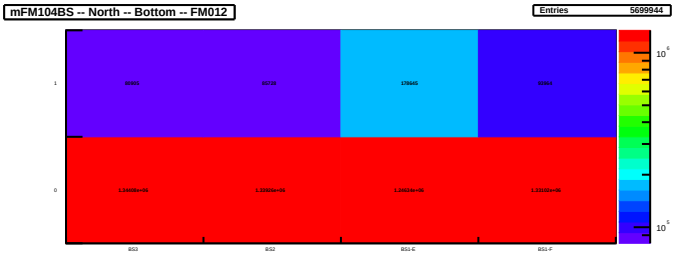

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 767618
BS3
BS2
BS1
Unused

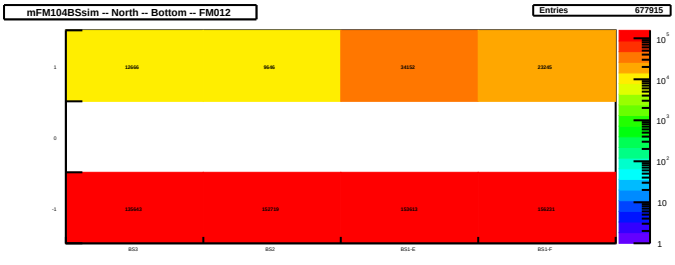

mFM104J -- South -- Bottom/Side -- FM011
Entries 1424986
J(23)

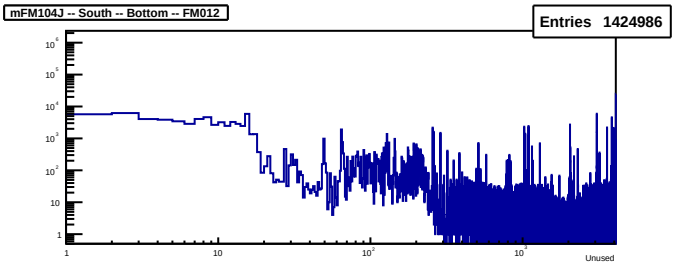

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 207308
J(23)

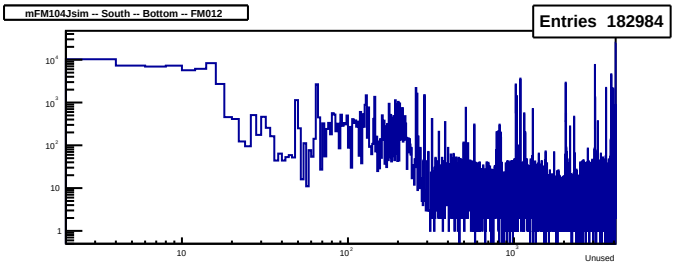

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2849972
JP-GH
JP-IJ

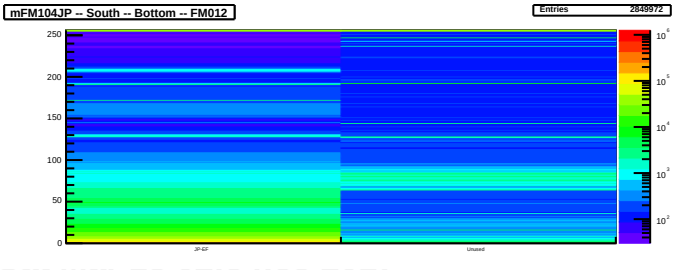

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 407219
JP-GH
JP-IJ

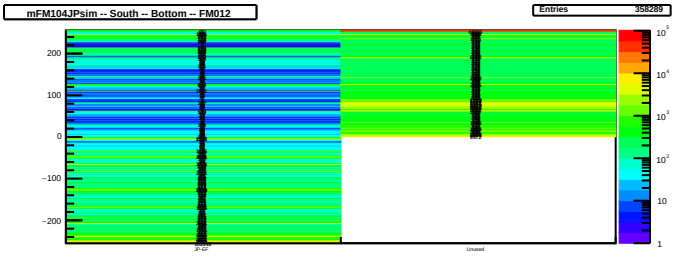

mFM104BS -- North -- Bottom -- FM012
Entries 5699944
BS3
BS2
BS1-E
BS1-F

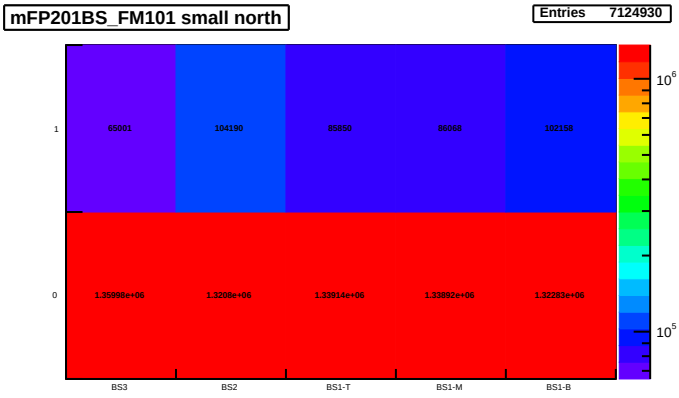

mFM104BSsim -- North -- Bottom -- FM012
Entries 677915
BS3
BS2
BS1-E
BS1-F

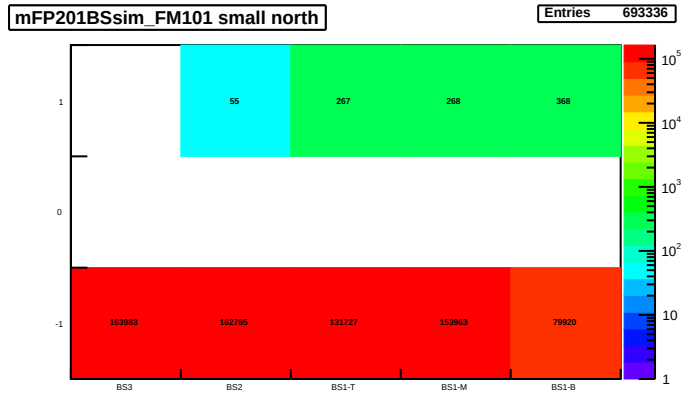

mFM104J -- South -- Bottom -- FM012
Entries 1424986
Unused

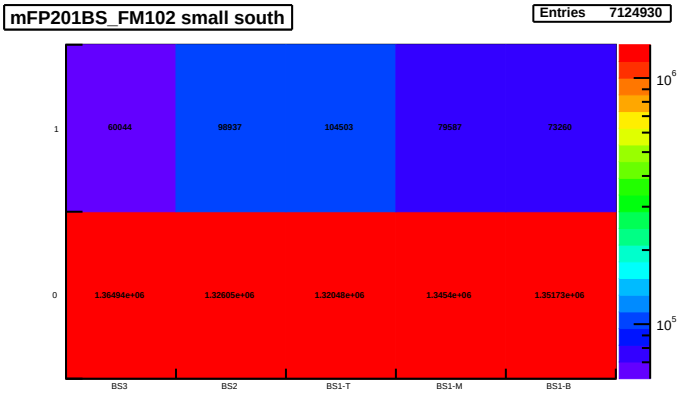

mFM104Jsim -- South -- Bottom -- FM012
Entries 182984
Unused

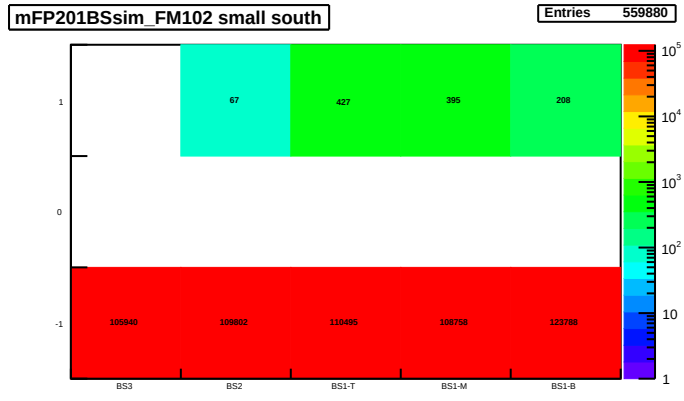

mFM104JP -- South -- Bottom -- FM012
Entries 2849972
JP-EF
Unused

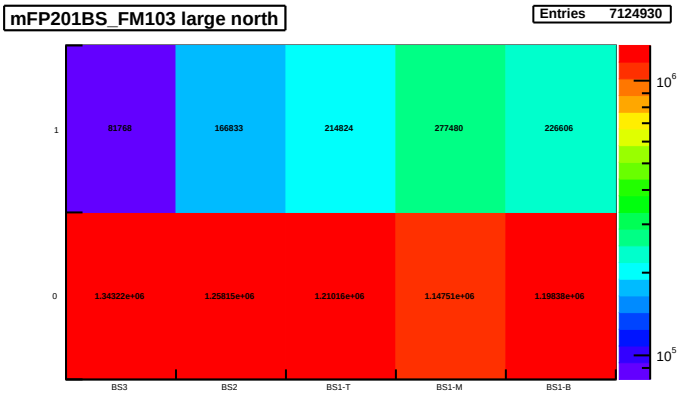

mFM104JPsim -- South -- Bottom -- FM012
Entries 358289
JP-EF
Unused

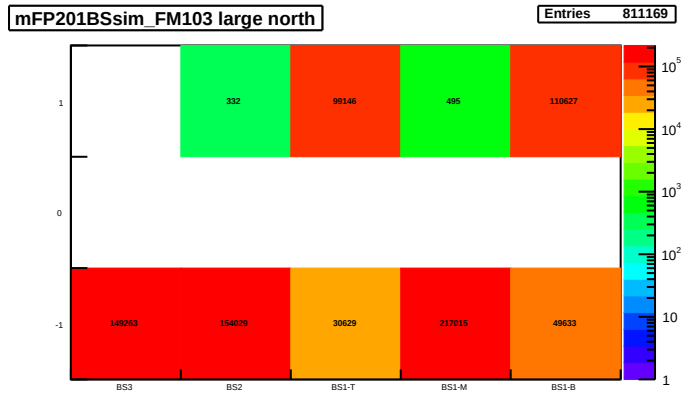

mFP201BS_FM101 small north
Entries 7124930
65001
104190
85850
86068
102158
1.35998e+06
1.3208e+06
1.33914e+06
1.33892e+06
1.32283e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

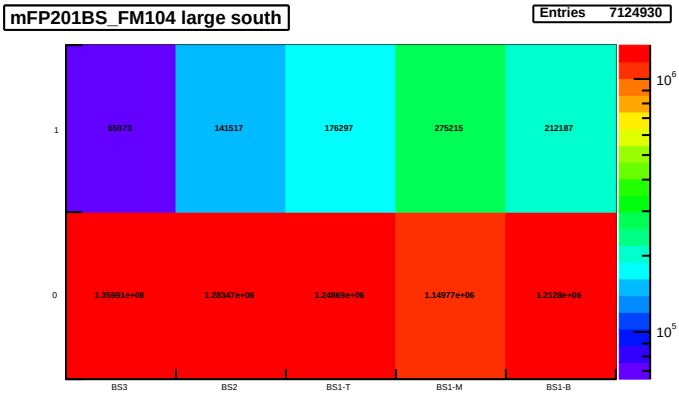

mFP201BSsim_FM101 small north
Entries 693336
55
267
268
368
163983
162785
131727
153963
79920
BS3
BS2
BS1-T
BS1-M
BS1-B

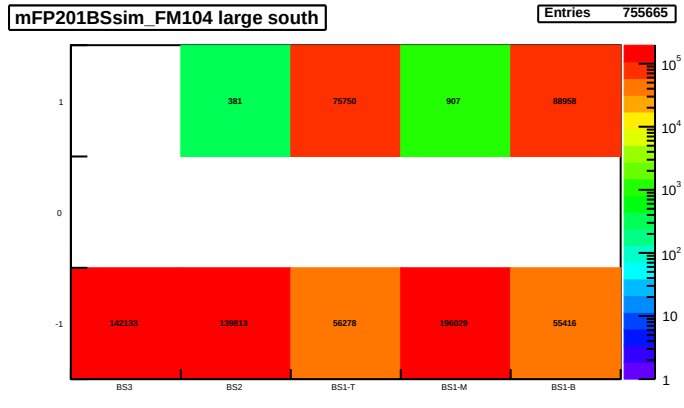

mFP201BS_FM102 small south
Entries 7124930
60044
98937
104503
79587
73260
1.36494e+06
1.32605e+06
1.32048e+06
1.3454e+06
1.35173e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

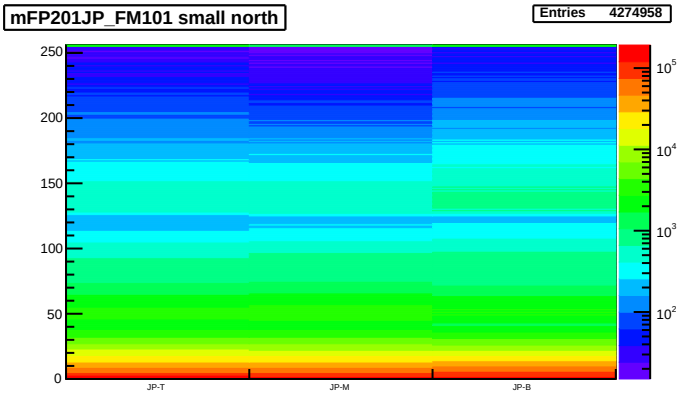

mFP201BSsim_FM102 small south
Entries 559880
67
427
395
208
105940
109802
110495
108758
123788
BS3
BS2
BS1-T
BS1-M
BS1-B

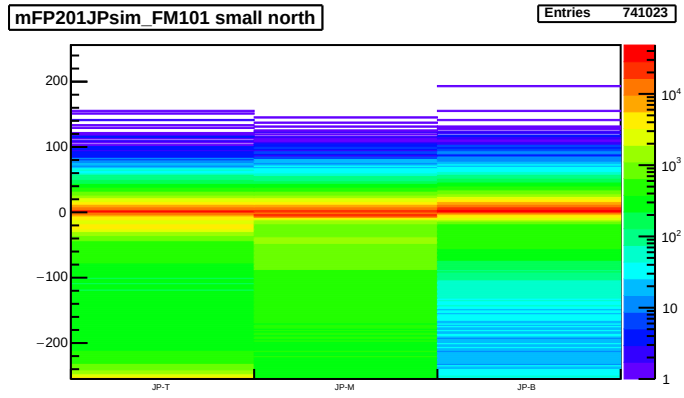

mFP201BS_FM103 large north
Entries 7124930
81768
166833
214824
277480
226606
1.34322e+06
1.25815e+06
1.21016e+06
1.14751e+06
1.19838e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

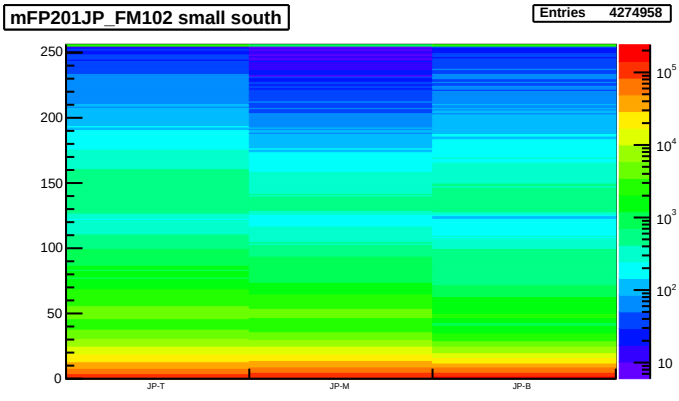

mFP201BSsim_FM103 large north
Entries 811169
332
99146
495
110627
149263
154029
30629
217015
49633
BS3
BS2
BS1-T
BS1-M
BS1-B

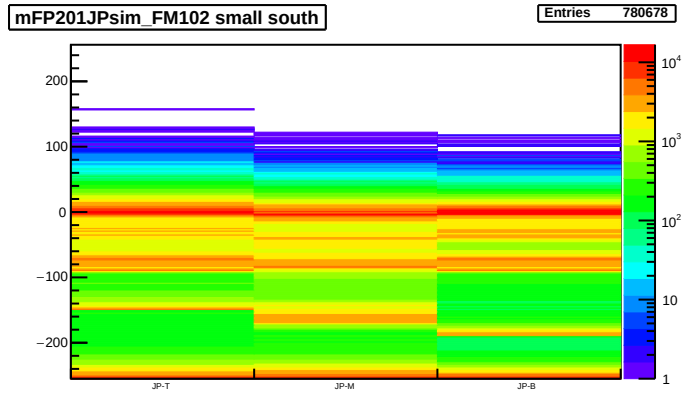

mFP201BS_FM104 large south
Entries 7124930
65073
141517
176297
275215
212187
1.35991e+06
1.28347e+06
1.24869e+06
1.14977e+06
1.2128e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

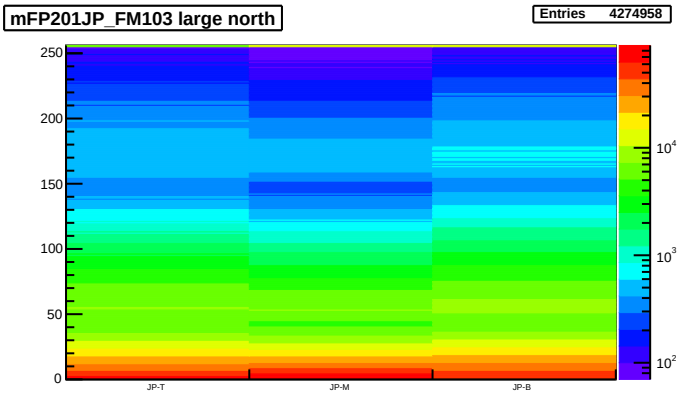

mFP201BSsim_FM104 large south
Entries 755665
381
75750
907
88958
142133
139813
56278
196029
55416
BS3
BS2
BS1-T
BS1-M
BS1-B

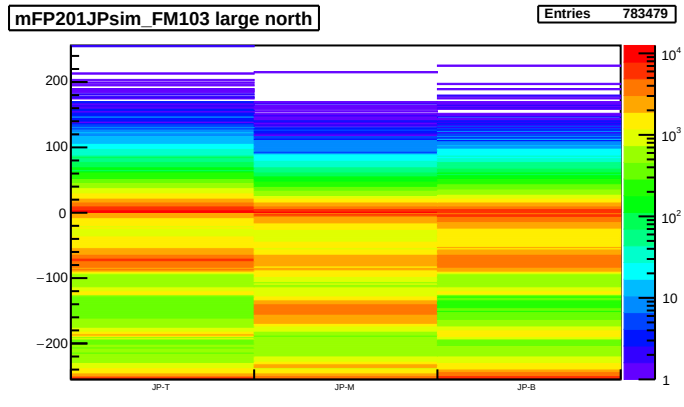

mFP201JP_FM101 small north
Entries 4274958
JP-T
JP-M
JP-B

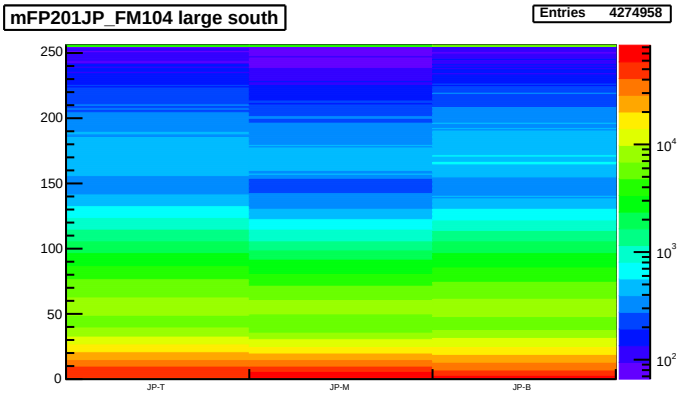

mFP201JPsim_FM101 small north
Entries 741023
JP-T
JP-M
JP-B

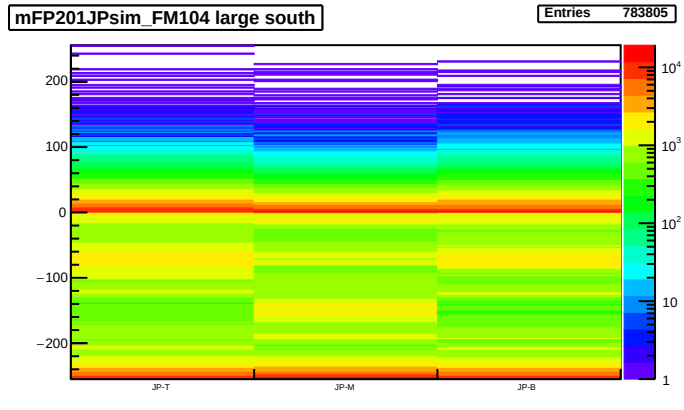

mFP201JP_FM102 small south
Entries 4274958
JP-T
JP-M
JP-B

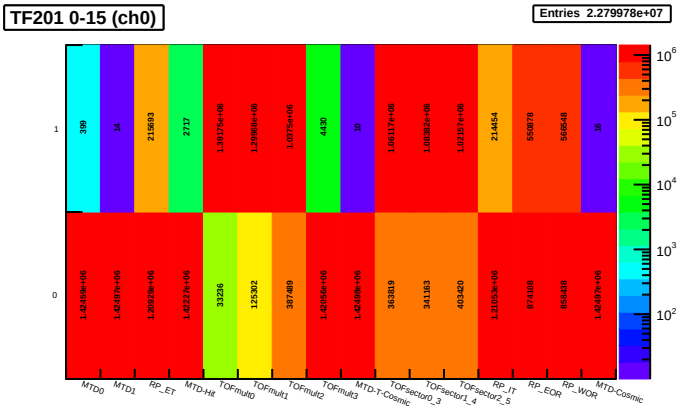

mFP201JPsim_FM102 small south
Entries 780678
JP-T
JP-M
JP-B

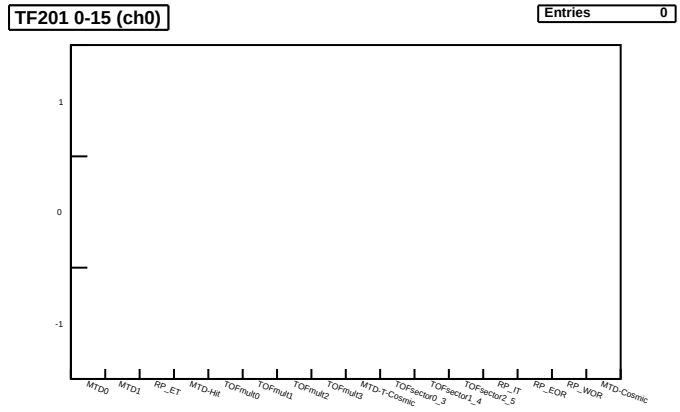

mFP201JP_FM103 large north
Entries 4274958
JP-T
JP-M
JP-B

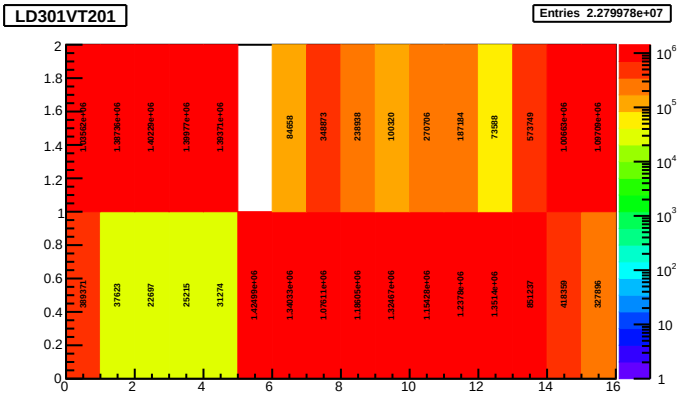

mFP201JPsim_FM103 large north
Entries 783479
JP-T
JP-M
JP-B

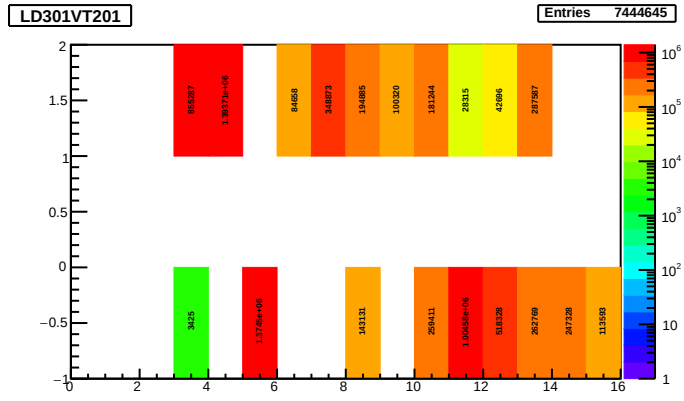

mFP201JP_FM104 large south
Entries 4274958
JP-T
JP-M
JP-B

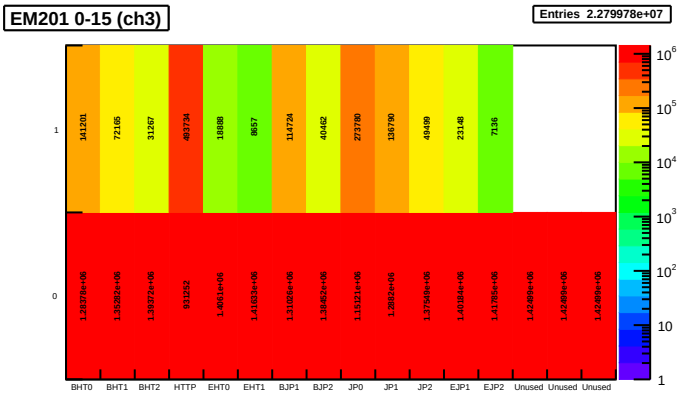

mFP201JPsim_FM104 large south
Entries 783805
JP-T
JP-M
JP-B

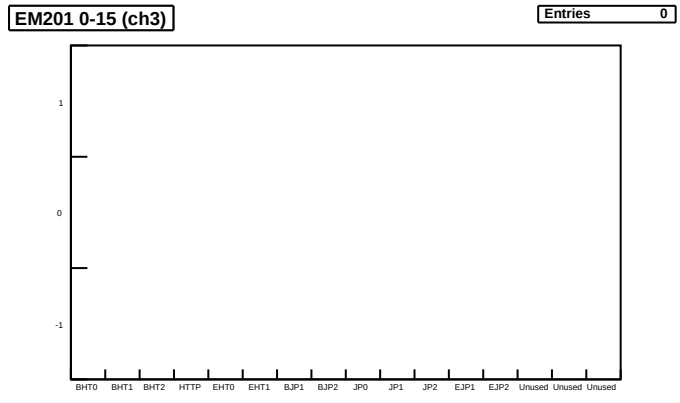

TF201 0-15 (ch0)
Entries 2.279978e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

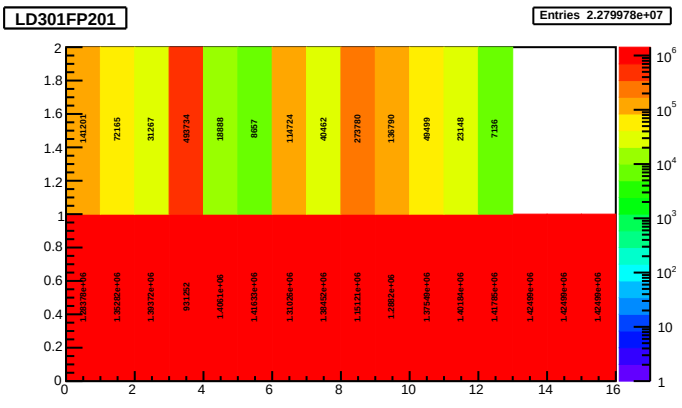

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

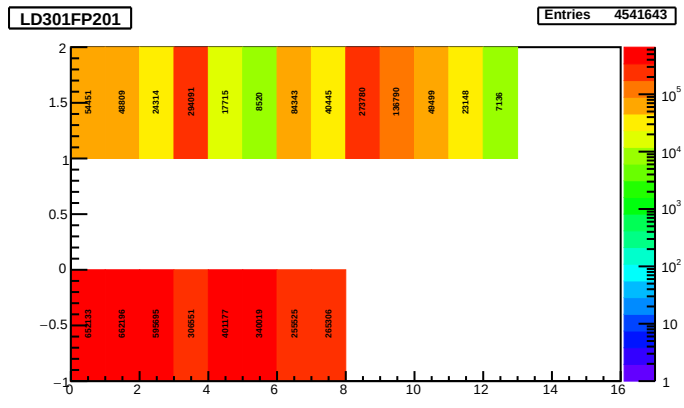

LD301VT201
Entries 2.279978e+07


LD301VT201
Entries 7444645


EM201 0-15 (ch3)
Entries 2.279978e+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 2.279978e+07


LD301FP201
Entries 4541643