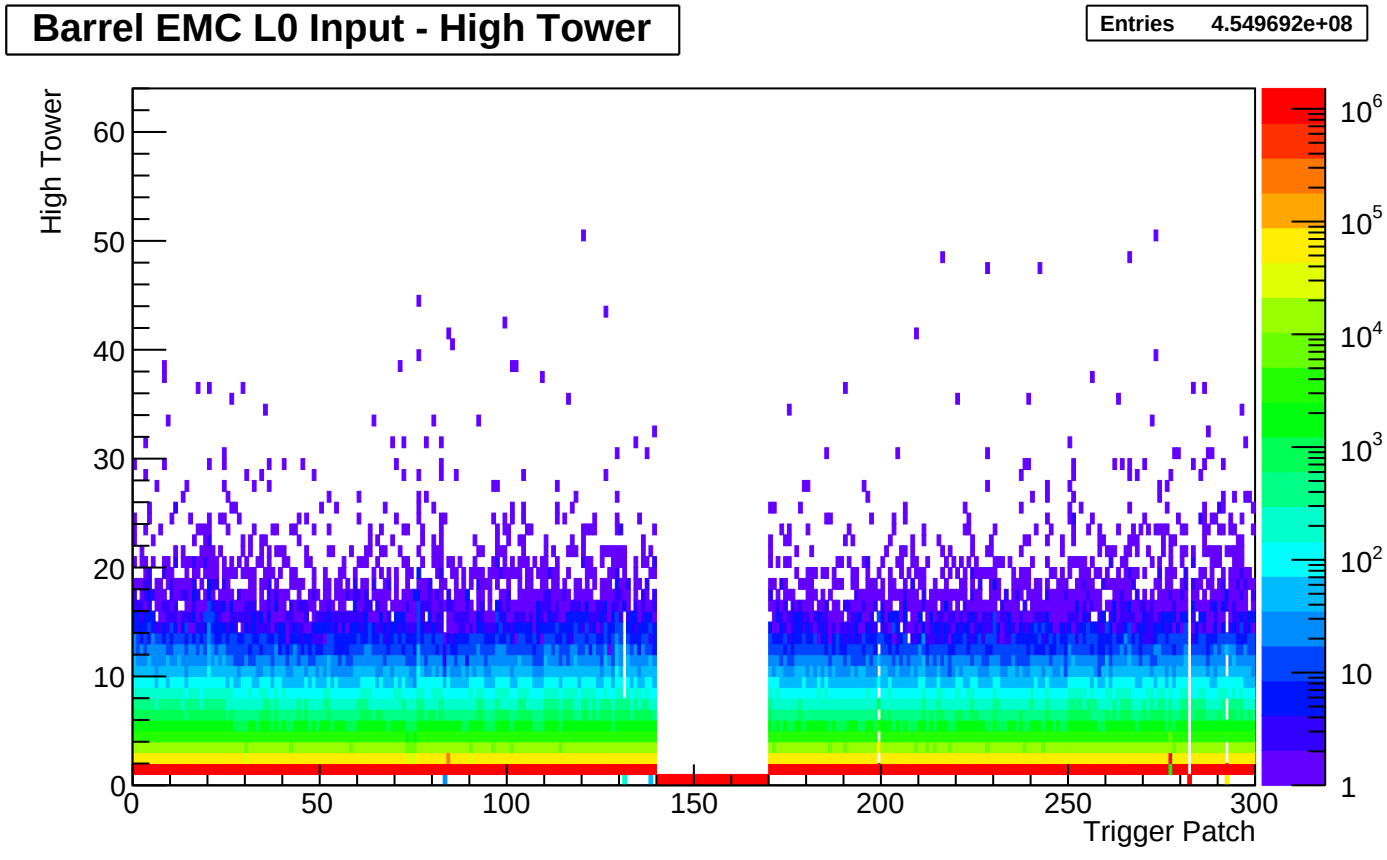
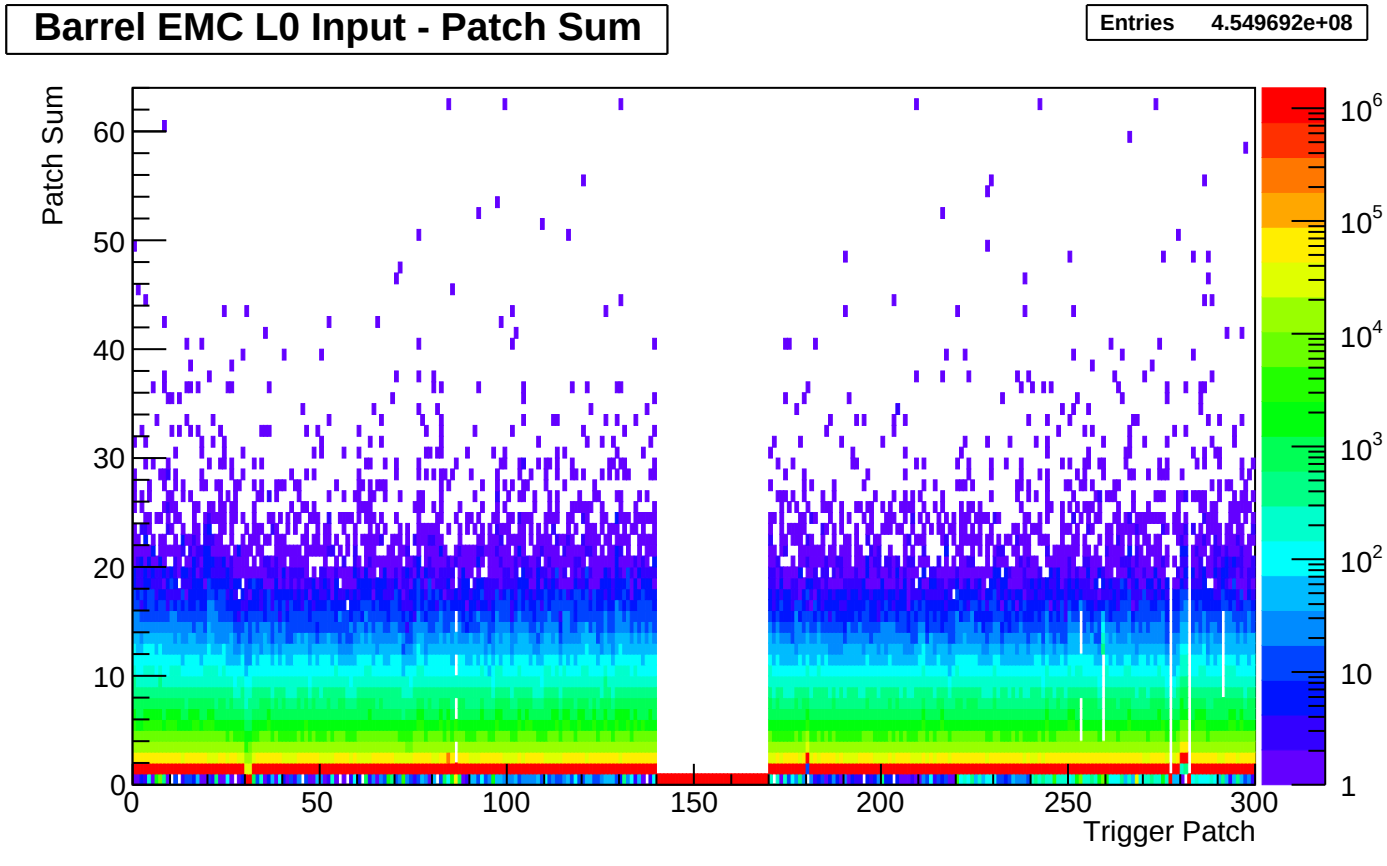
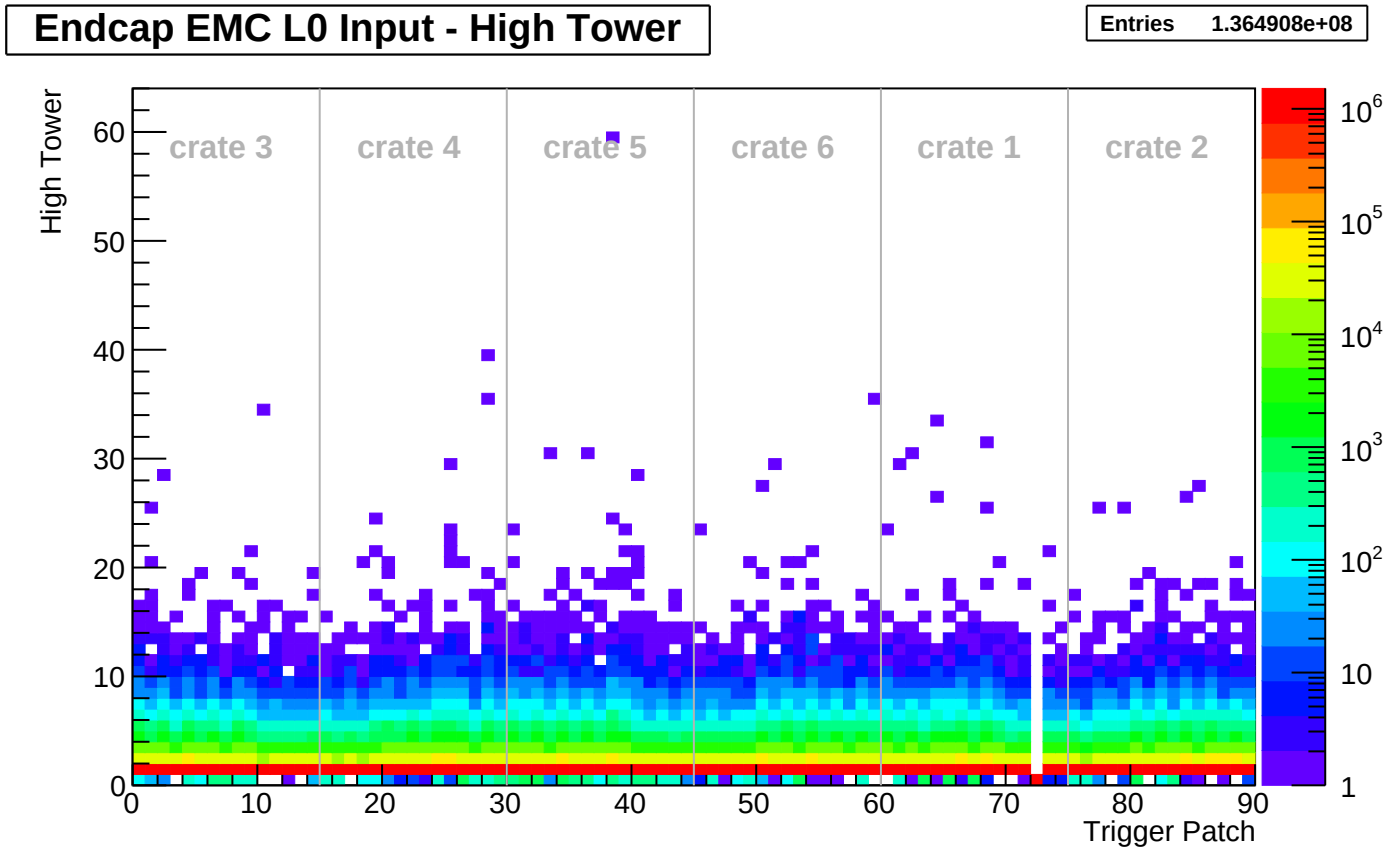
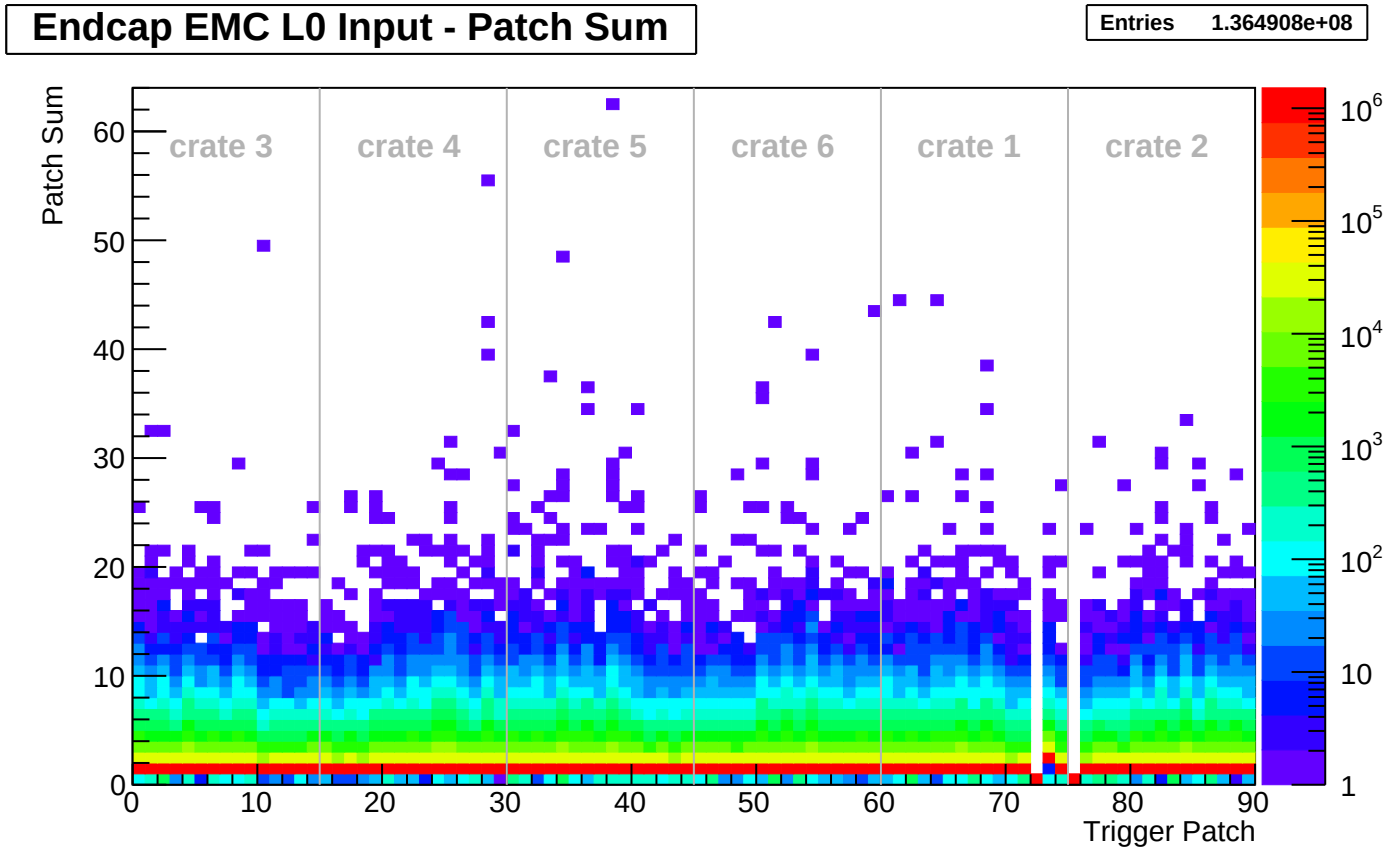
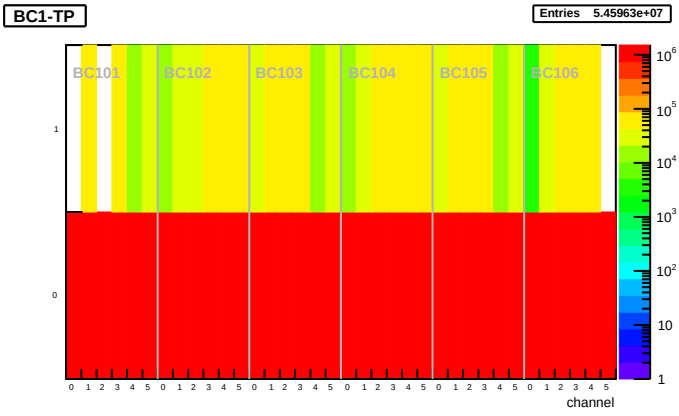
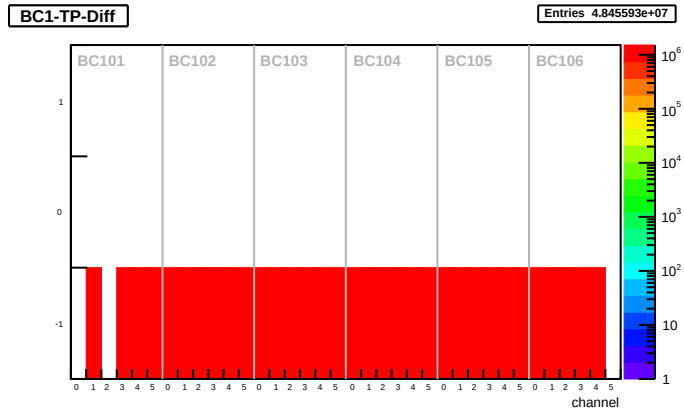

Barrel EMC L0 Input - High Tower
Entries 4.549692e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

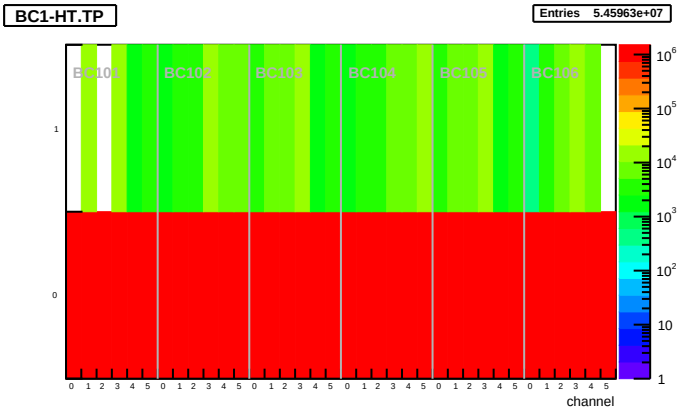

Barrel EMC L0 Input - Patch Sum
Entries 4.549692e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

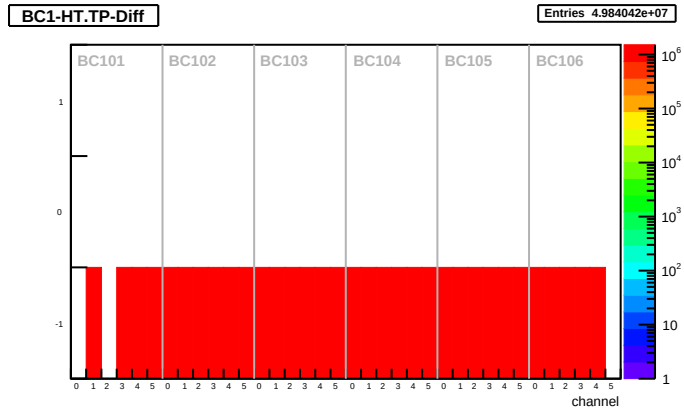

Endcap EMC L0 Input - High Tower
Entries 1.364908e+08
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

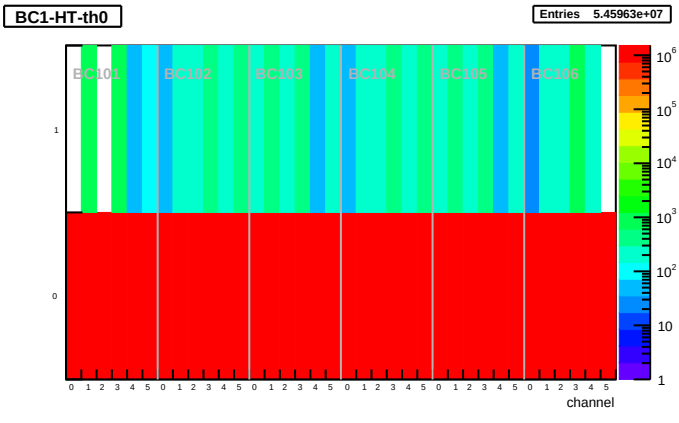

Endcap EMC L0 Input - Patch Sum
Entries 1.364908e+08
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

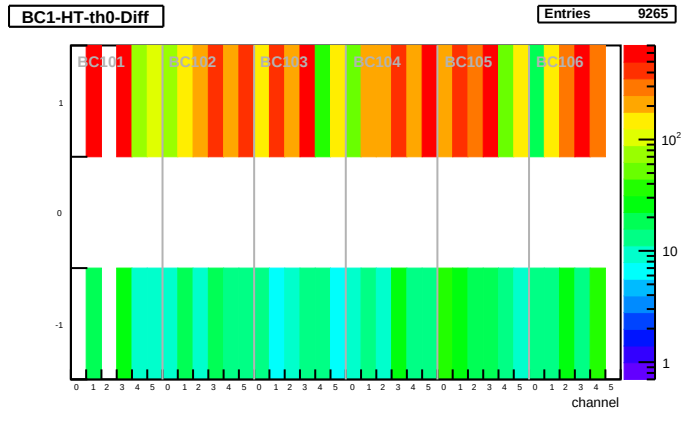

BC1-TP
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

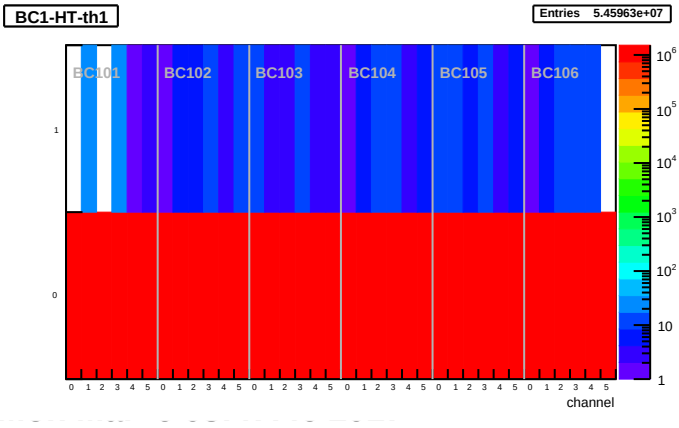

BC1-TP-Diff
Entries 4.845593e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

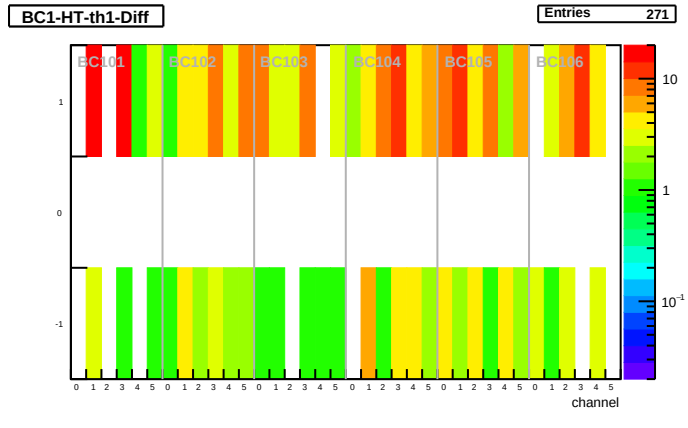

BC1-HT.TP
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

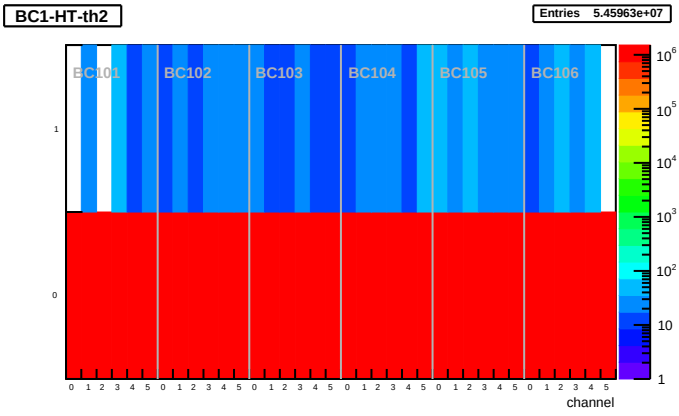

BC1-HT.TP-Diff
Entries 4.984042e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

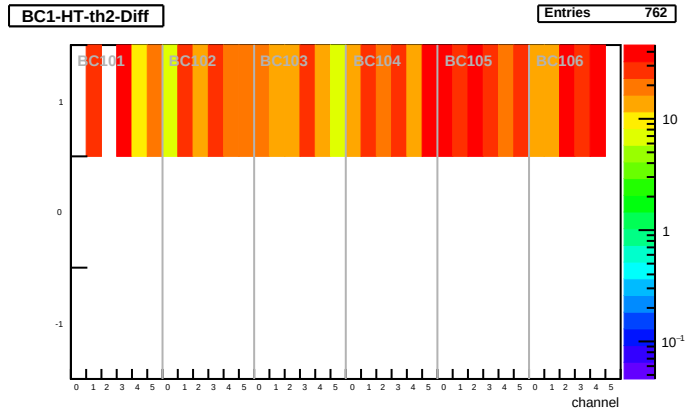

BC1-HT-th0
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

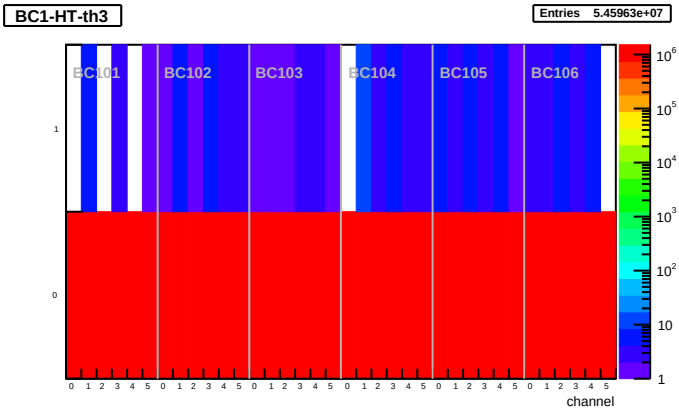

BC1-HT-th0-Diff
Entries 9265
BC101
BC102
BC103
BC104
BC105
BC106
channel

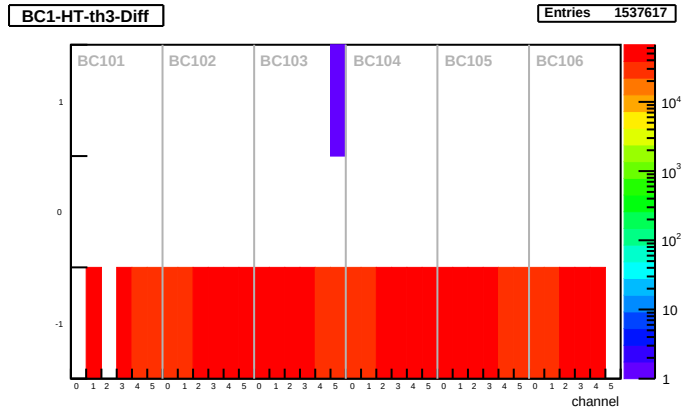

BC1-HT-th1
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

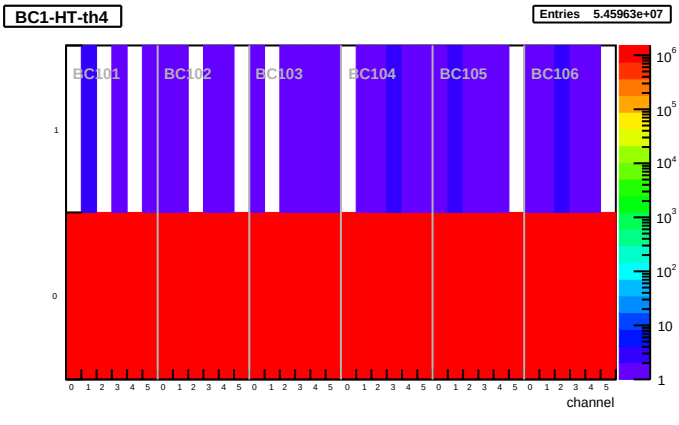

BC1-HT-th1-Diff
Entries 271
BC101
BC102
BC103
BC104
BC105
BC106
channel

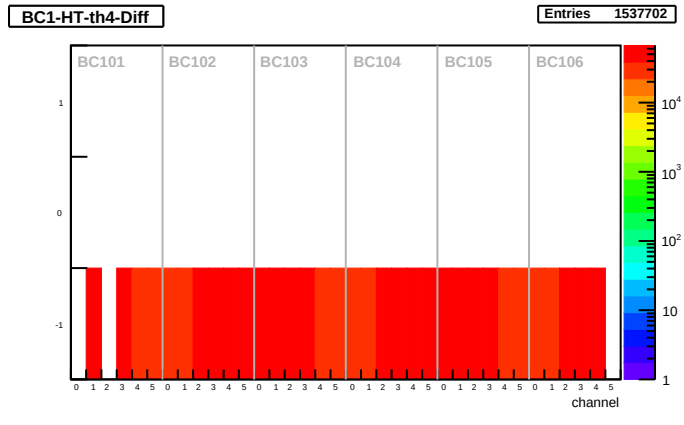

BC1-HT-th2
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

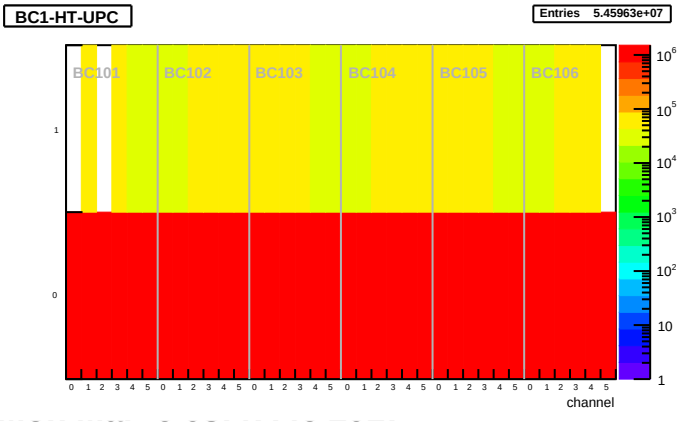

BC1-HT-th2-Diff
Entries 762
BC101
BC102
BC103
BC104
BC105
BC106
channel

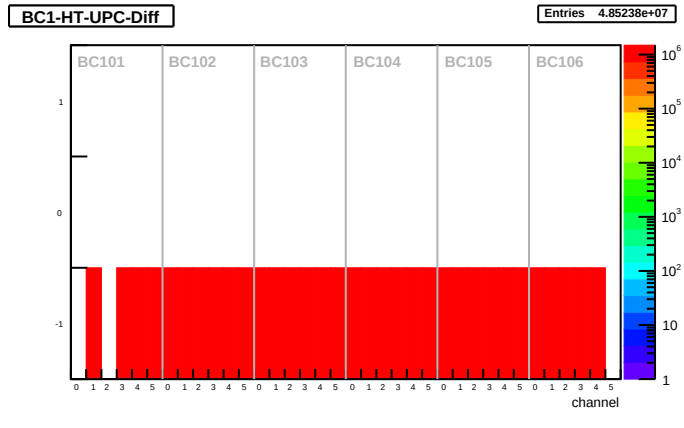

BC1-HT-th3
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

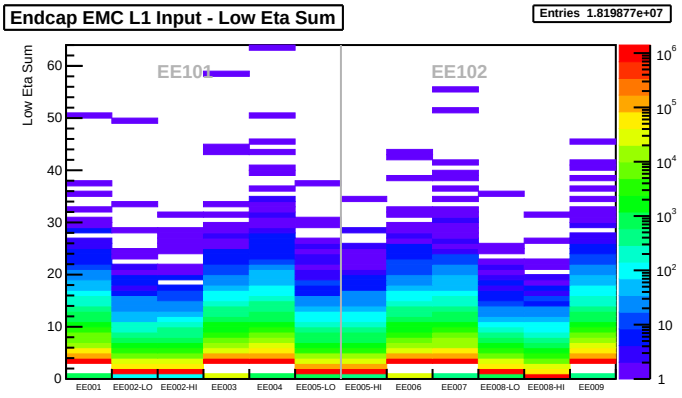

BC1-HT-th3-Diff
Entries 1537617
BC101
BC102
BC103
BC104
BC105
BC106
channel

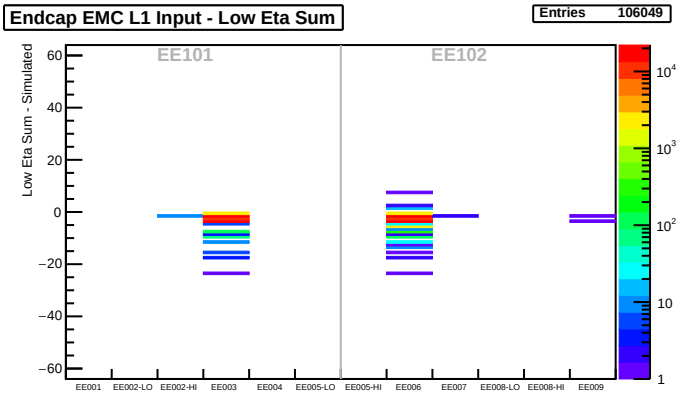

BC1-HT-th4
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

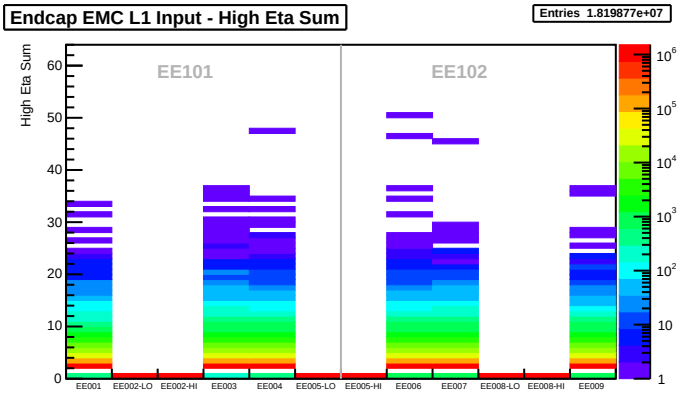

BC1-HT-th4-Diff
Entries 1537702
BC101
BC102
BC103
BC104
BC105
BC106
channel

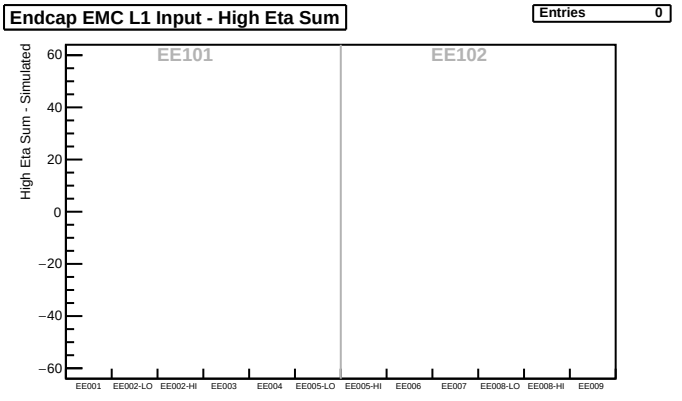

BC1-HT-UPC
Entries 5.45963e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

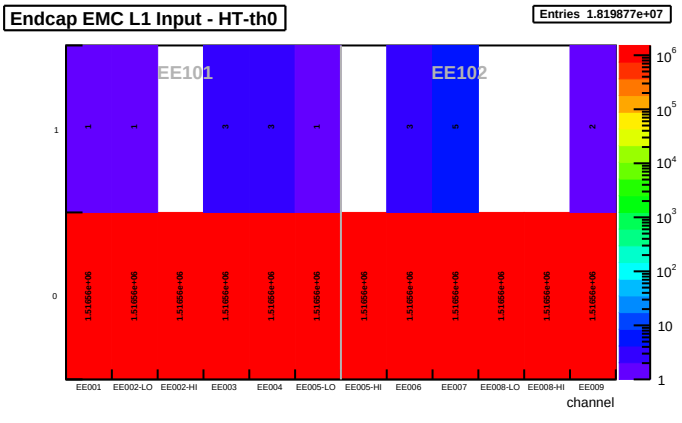

BC1-HT-UPC-Diff
Entries 4.85238e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

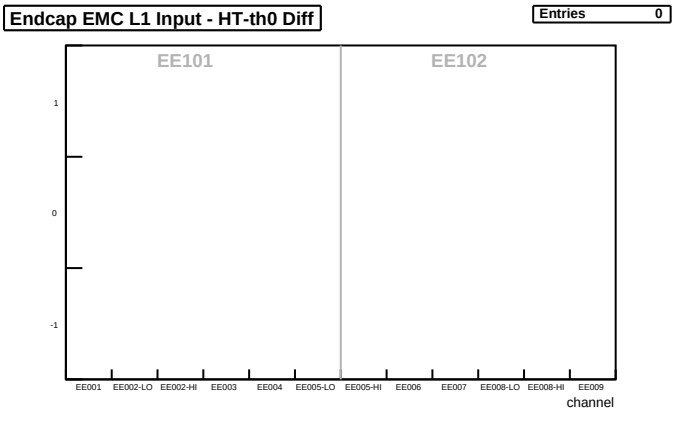

Endcap EMC L1 Input - Low Eta Sum
Entries 1.819877e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

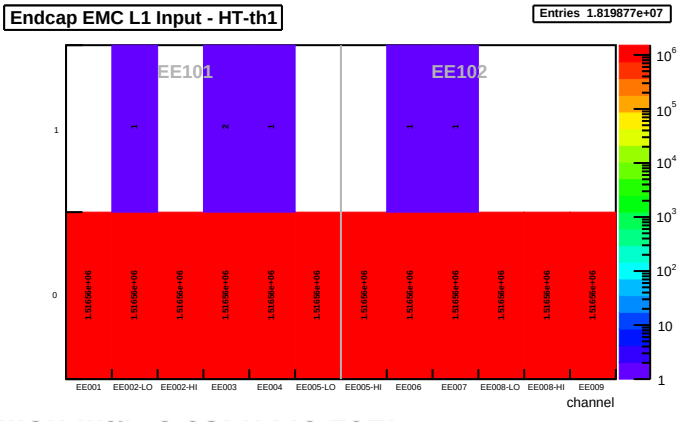

Endcap EMC L1 Input - Low Eta Sum
Entries 106049
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

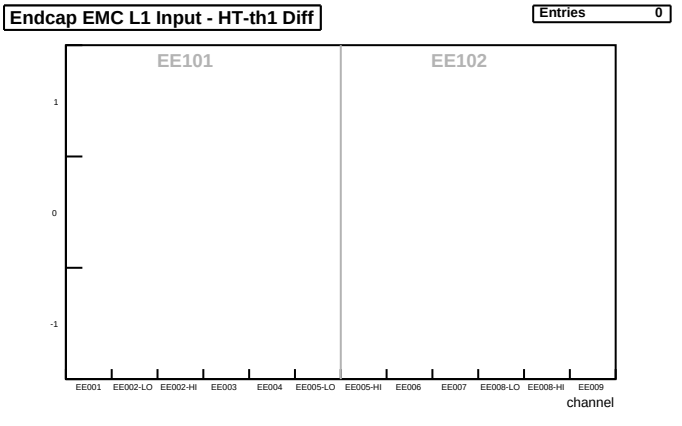

Endcap EMC L1 Input - High Eta Sum
Entries 1.819877e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

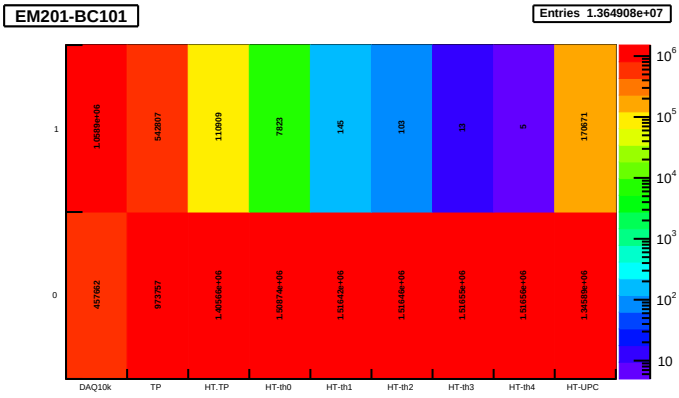

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

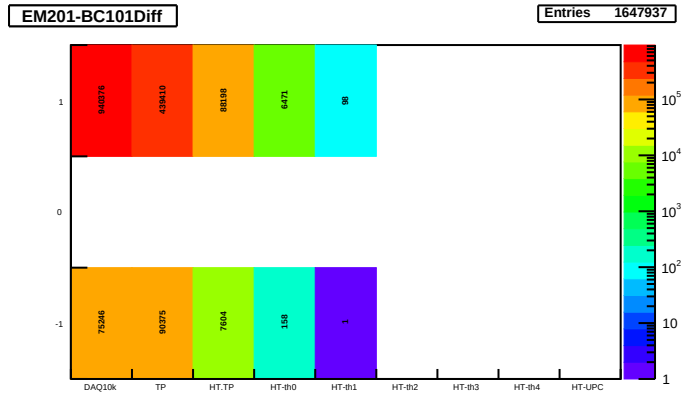

Endcap EMC L1 Input - HT-th0
Entries 1.819877e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

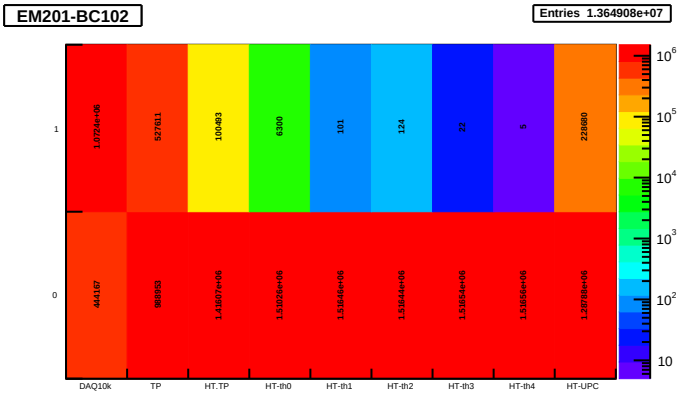

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

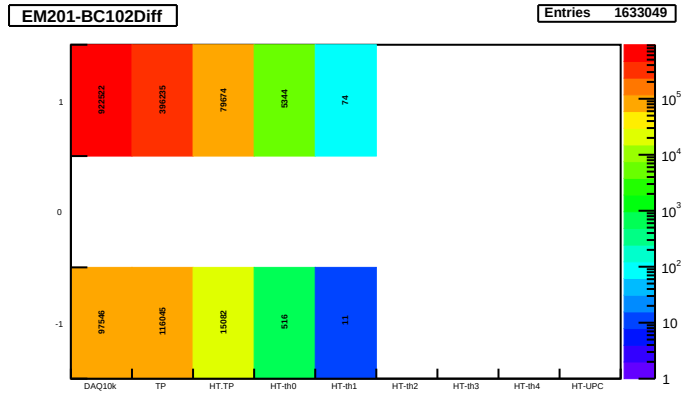

Endcap EMC L1 Input - HT-th1
Entries 1.819877e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

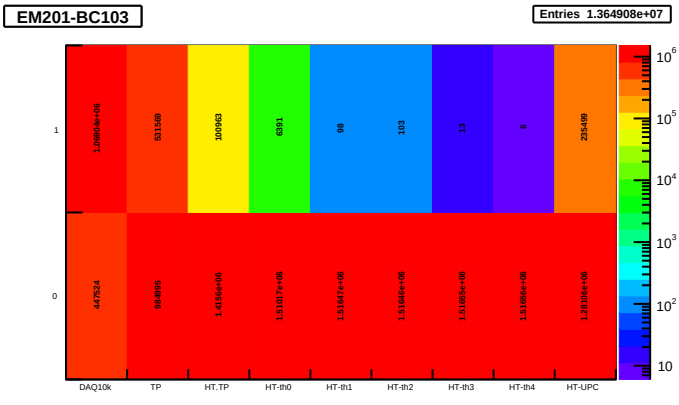

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

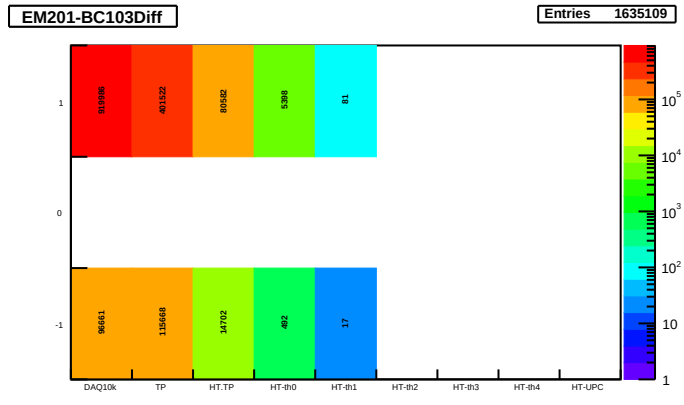

EM201-BC101
Entries 1.364908e+07
1.0589e+06
542807
110909
7823
145
103
13
5
179671
457862
973757
1.40569e+06
1.50874e+06
1.51642e+06
1.51646e+06
1.51653e+06
1.51656e+06
1.36539e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

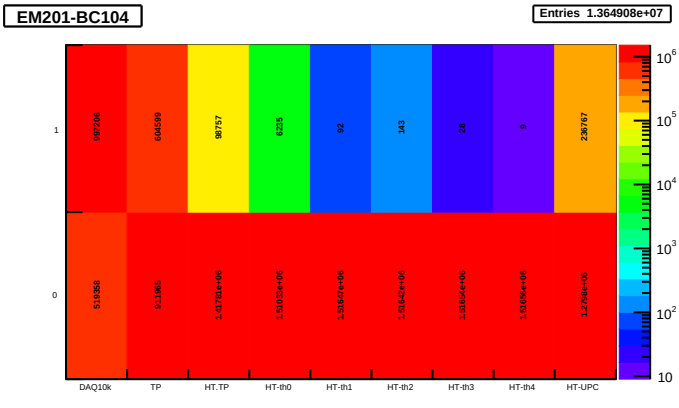

EM201-BC101Diff
Entries 1647937
540376
439410
88198
6471
98
79346
90375
7604
158
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

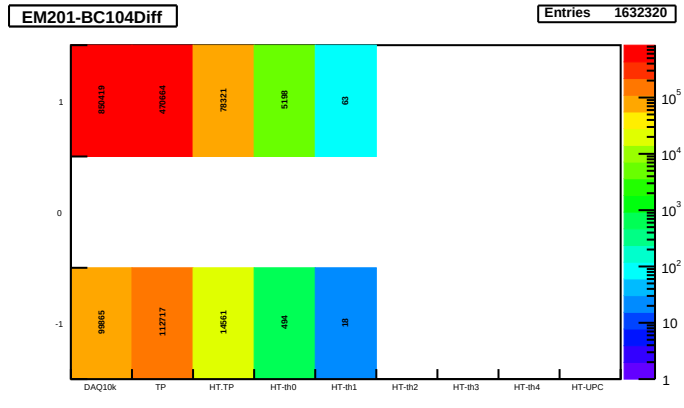

EM201-BC102
Entries 1.364908e+07
1.0724e+06
527611
100483
6300
101
124
22
5
228980
444167
988953
1.41077e+06
1.51026e+06
1.51646e+06
1.51644e+06
1.51654e+06
1.51656e+06
1.28789e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 1633049
922552
396255
79674
5344
74
97546
116045
15082
516
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

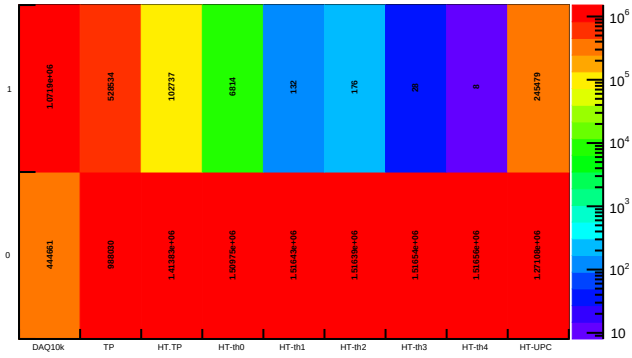

EM201-BC103
Entries 1.364908e+07
1.069044e+06
531569
100963
6391
98
103
13
6
225409
447524
984995
1.4156e+06
1.51037e+06
1.51647e+06
1.51656e+06
1.51655e+06
1.51656e+06
1.28106e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 1635109
919986
401522
80582
5398
81
96661
115668
14702
482
17
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

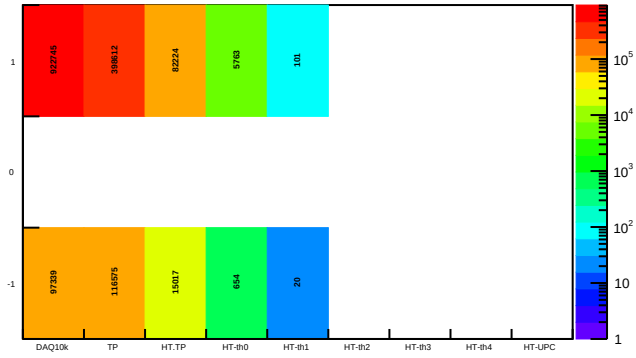

EM201-BC104
Entries 1.364908e+07
997106
604599
98757
6225
92
143
28
9
236767
519358
911965
1.41781e+06
1.51033e+06
1.51647e+06
1.51642e+06
1.51654e+06
1.51656e+06
1.2798e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 1632320
830419
470664
78321
5198
63
99865
112717
14561
494
18
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

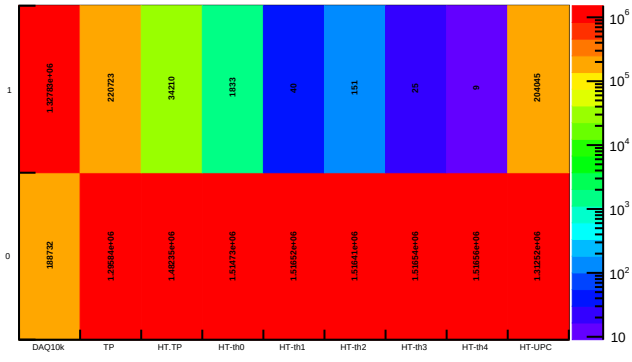
EM201-BC105 Entries 1.364908e+07



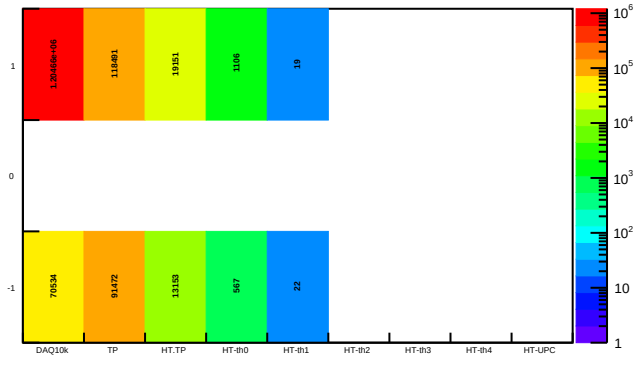
EM201-BC105Diff Entries 1639050



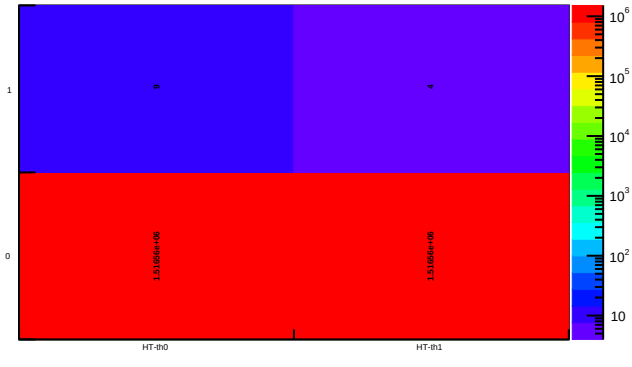
EM201-BC106 Entries 1.364908e+07



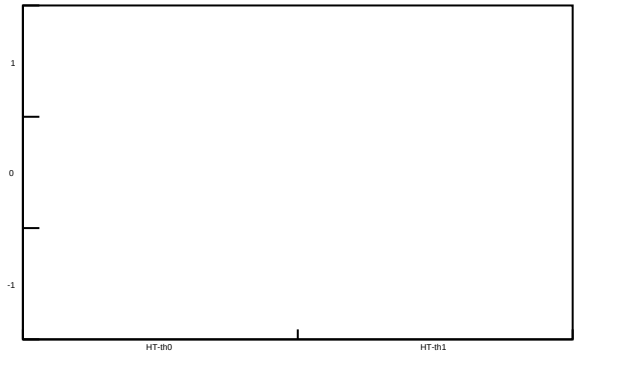
EM201-BC106Diff Entries 1519177



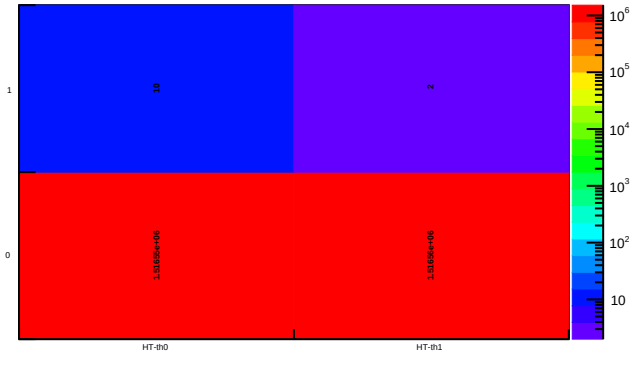
EM201-EE101 Entries 3033128



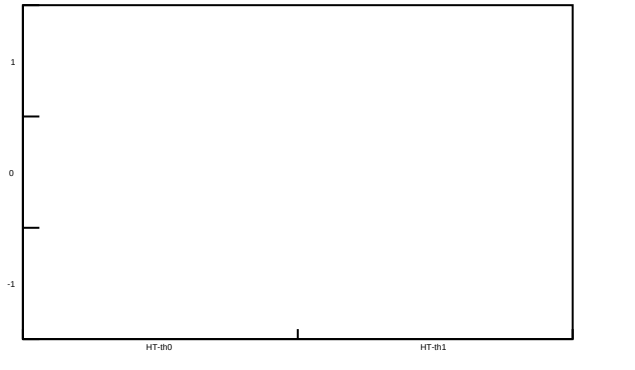
EM201-EE101Diff Entries 0

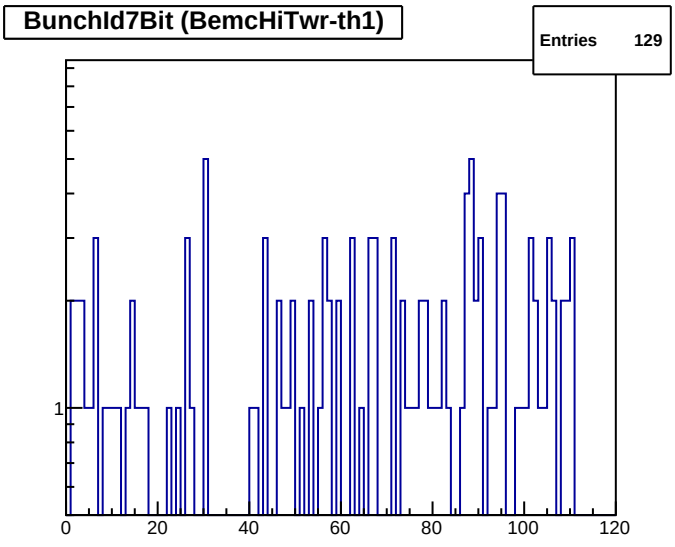


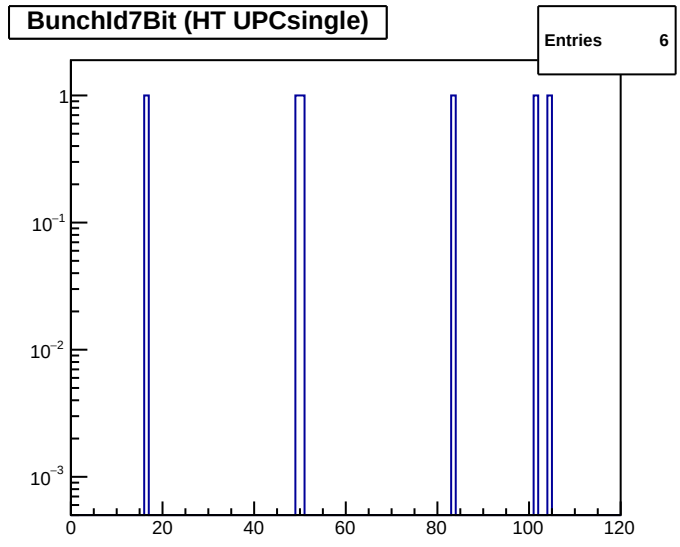
EM201-EE102 Entries 3033128

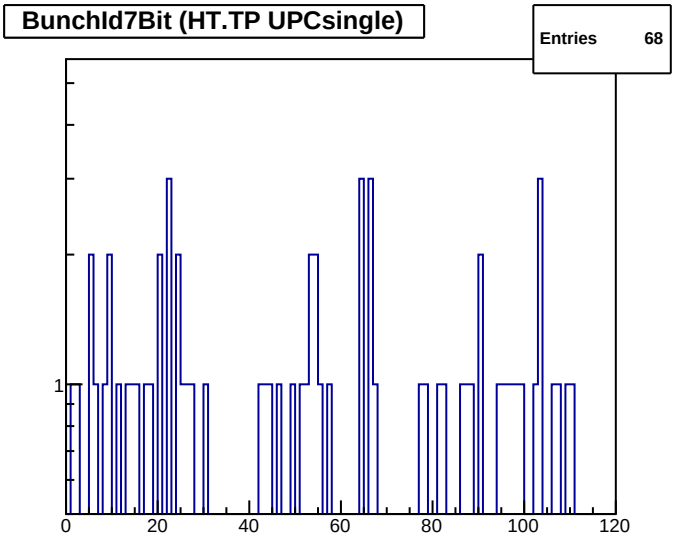


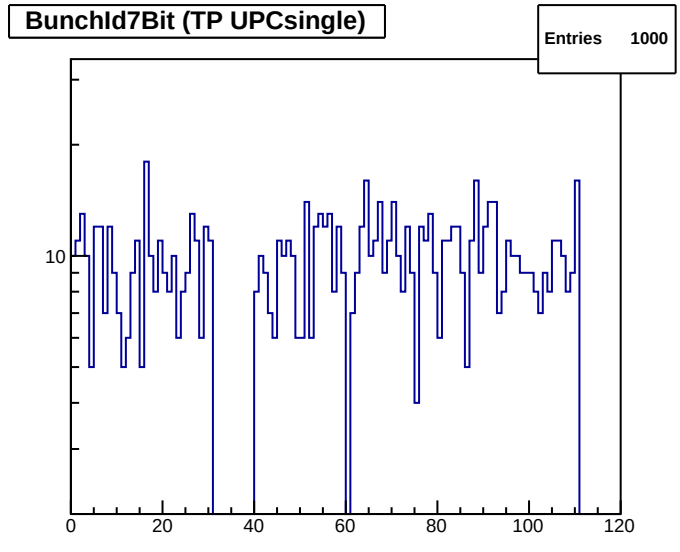
EM201-EE102Diff Entries 0

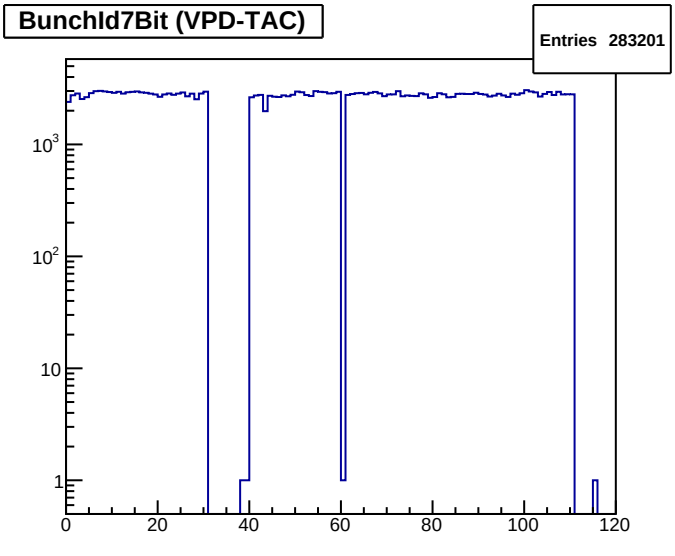


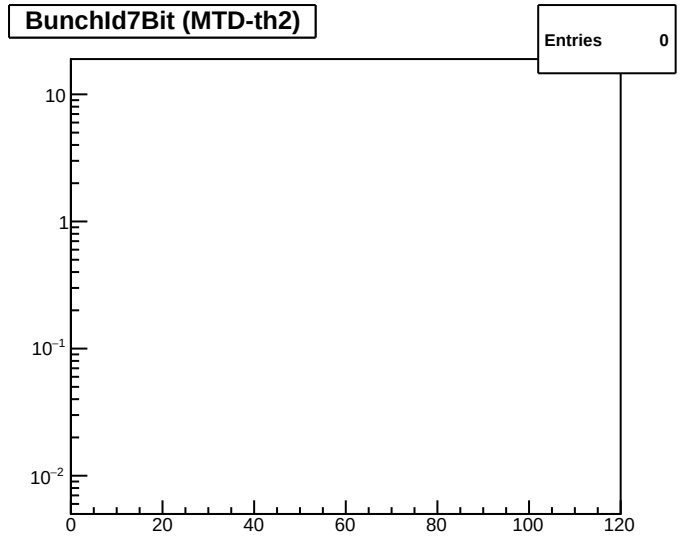

BunchId7Bit (BemcHiTwr-th1)
Entries 129
1
0 20 40 60 80 100 120

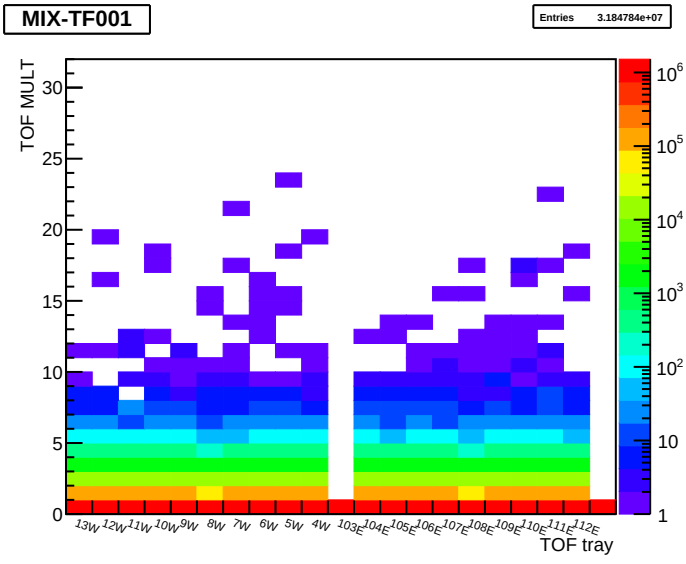

BunchId7Bit (HT UPCsingle)
Entries 6
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

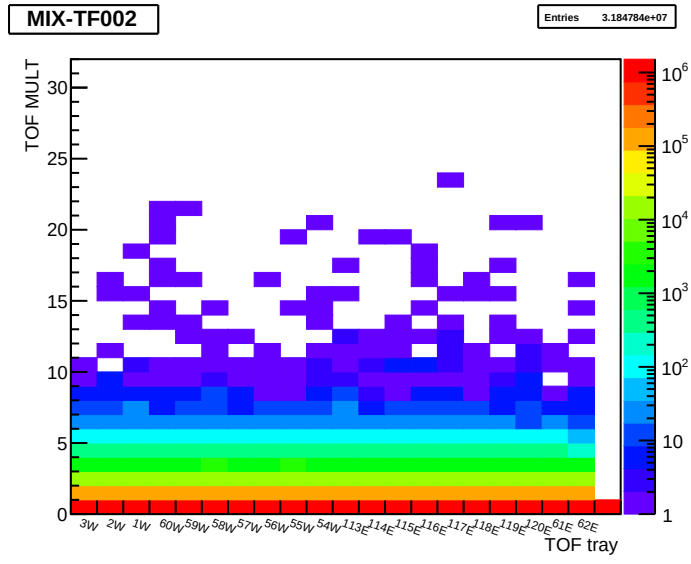

BunchId7Bit (HT.TP UPCsingle)
Entries 68
1
0 20 40 60 80 100 120

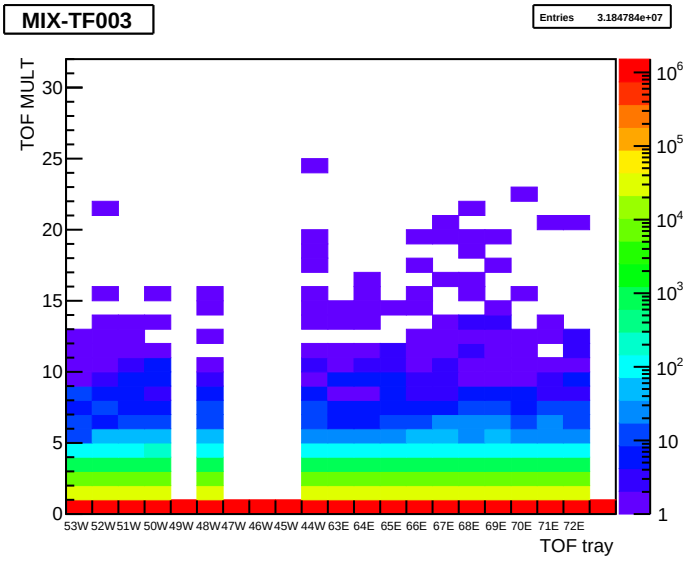

BunchId7Bit (TP UPCsingle)
Entries 1000
10
0 20 40 60 80 100 120

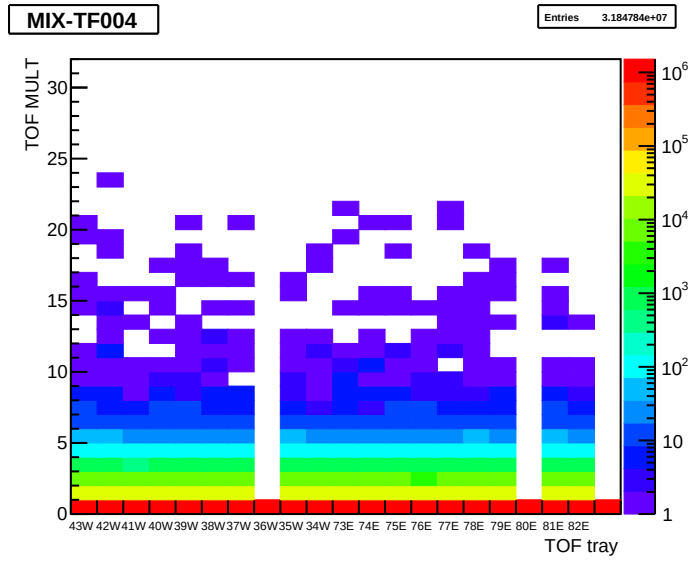

BunchId7Bit (VPD-TAC)
Entries 283201
10^3
10^2
10
1
0 20 40 60 80 100 120

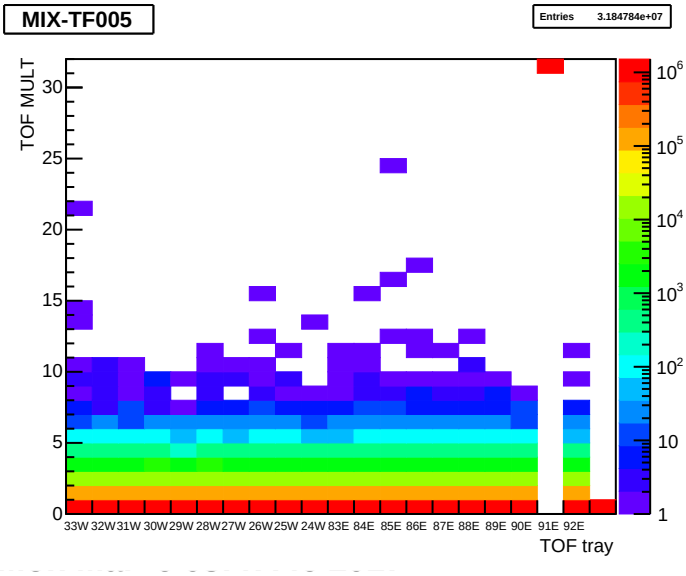

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

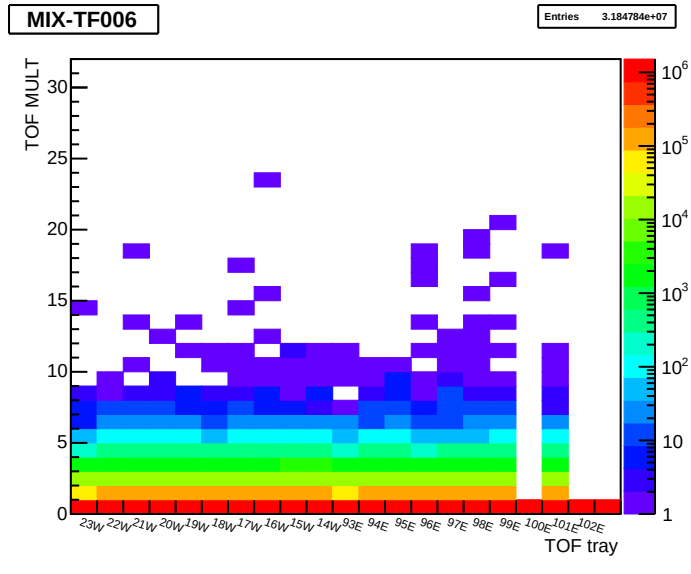

MIX-TF001
Entries 3.184784e+07
TOF MULT
TOF tray

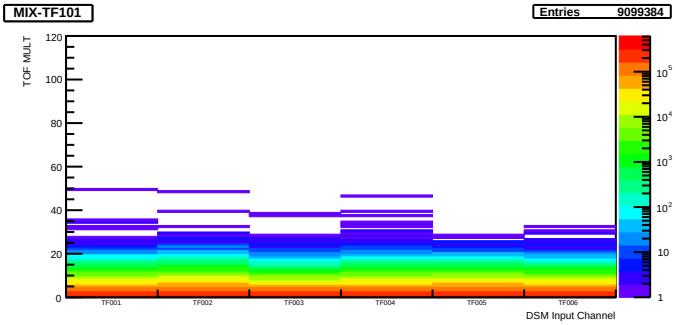

MIX-TF002
Entries 3.184784e+07
TOF MULT
TOF tray

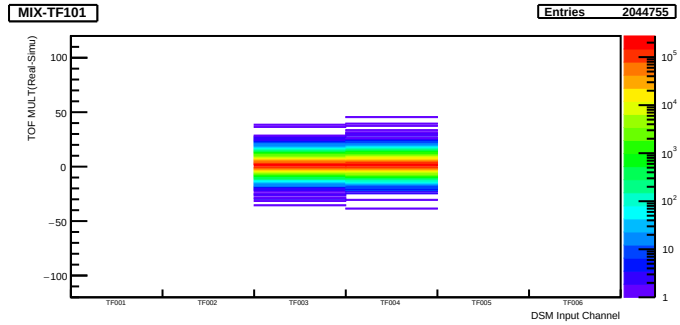

MIX-TF003
Entries 3.184784e+07
TOF MULT
TOF tray

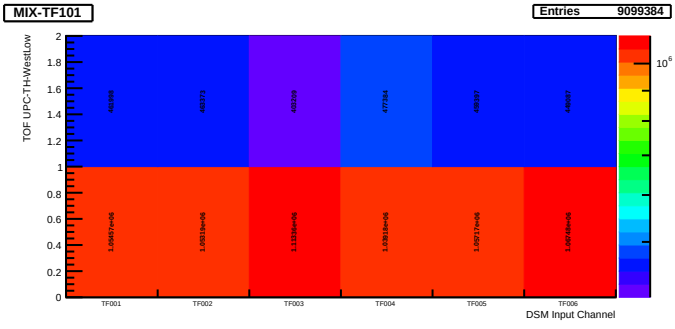

MIX-TF004
Entries 3.184784e+07
TOF MULT
TOF tray

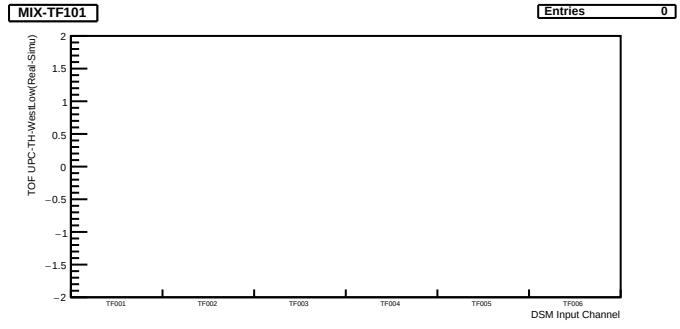

MIX-TF005
Entries 3.184784e+07
TOF MULT
TOF tray

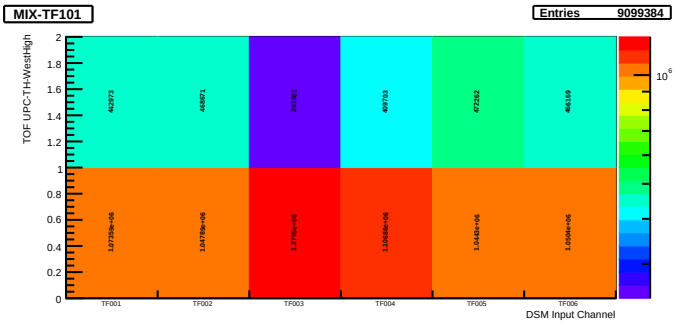

MIX-TF006
Entries 3.184784e+07
TOF MULT
TOF tray

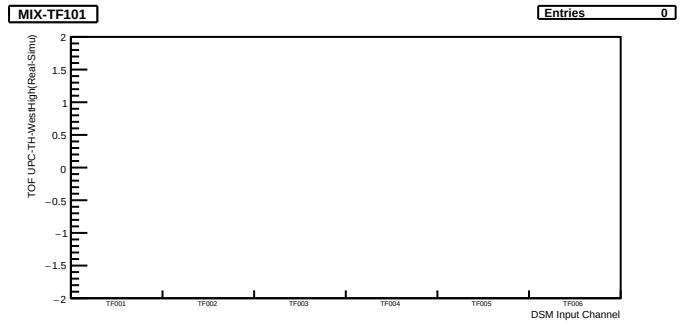

MIX-TF101
Entries 9099384
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

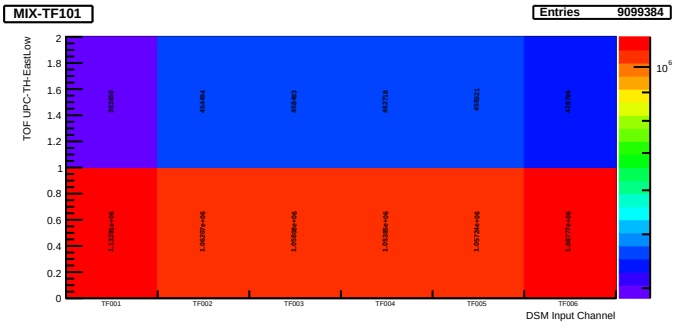

MIX-TF101
Entries 2044755
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

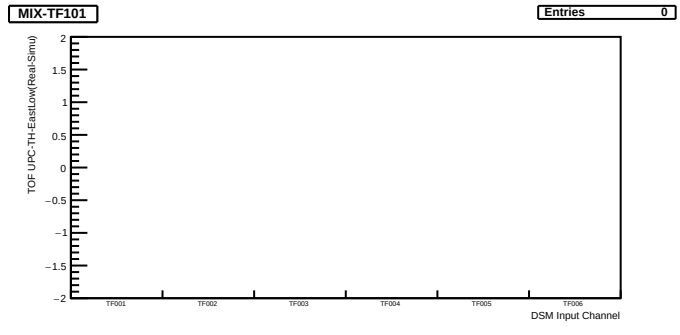

MIX-TF101
Entries 9099384
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

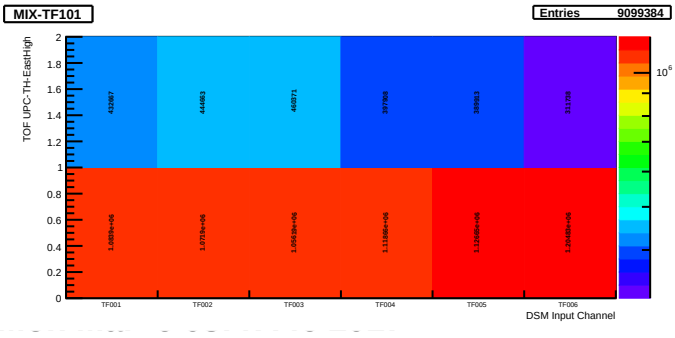

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

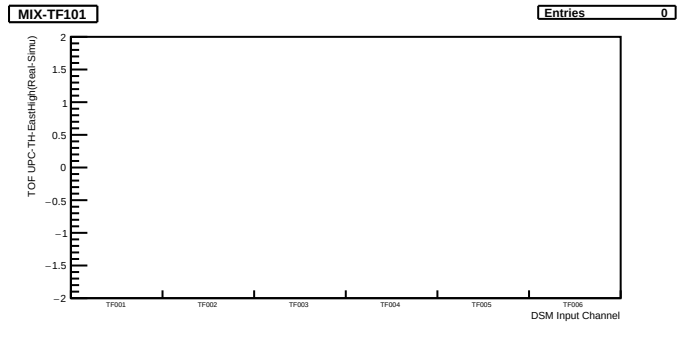

MIX-TF101
Entries 9099384
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

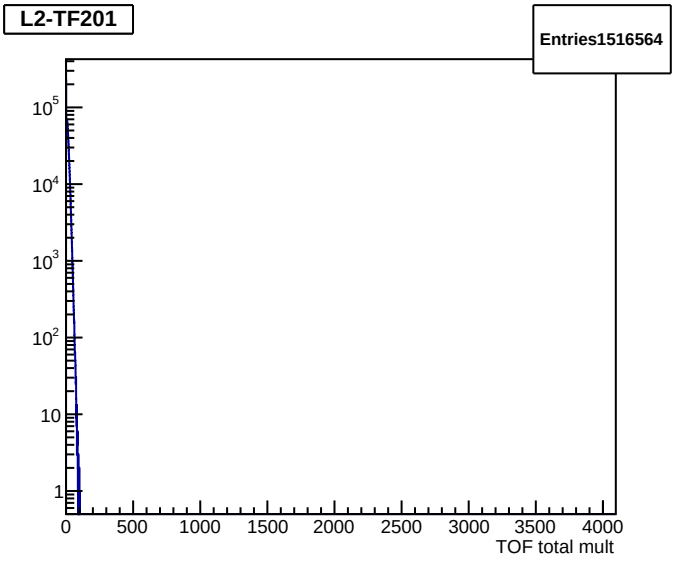

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

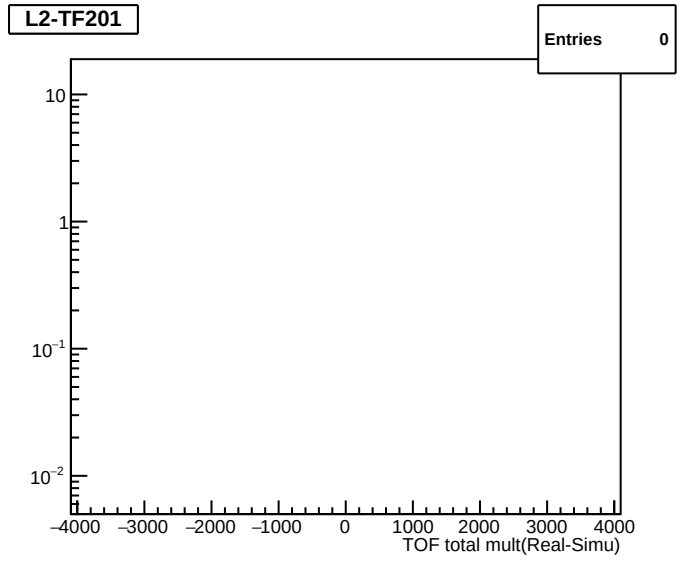

MIX-TF101
Entries 9099384
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

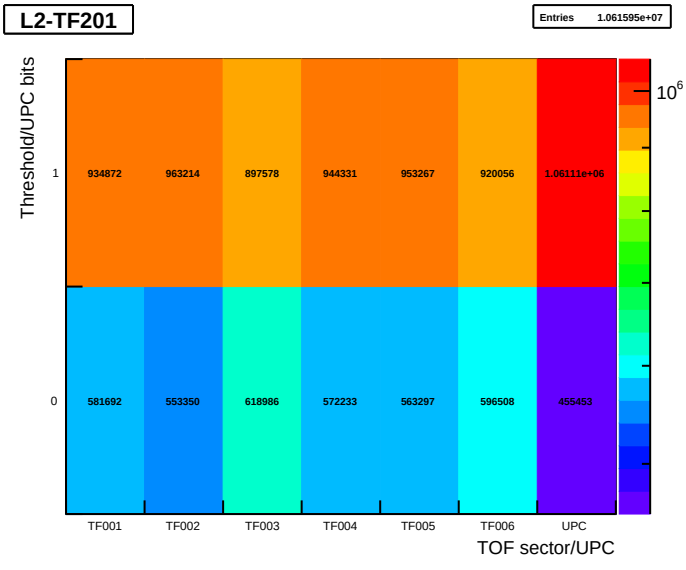

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

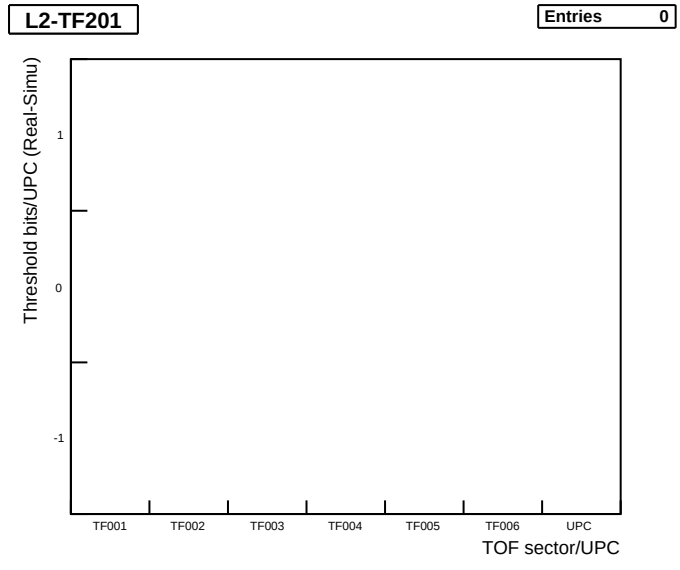

MIX-TF101
Entries 9099384
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

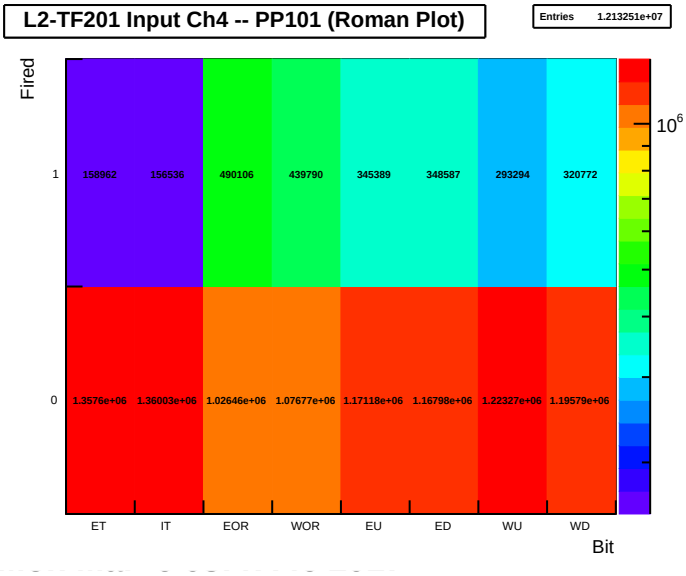

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

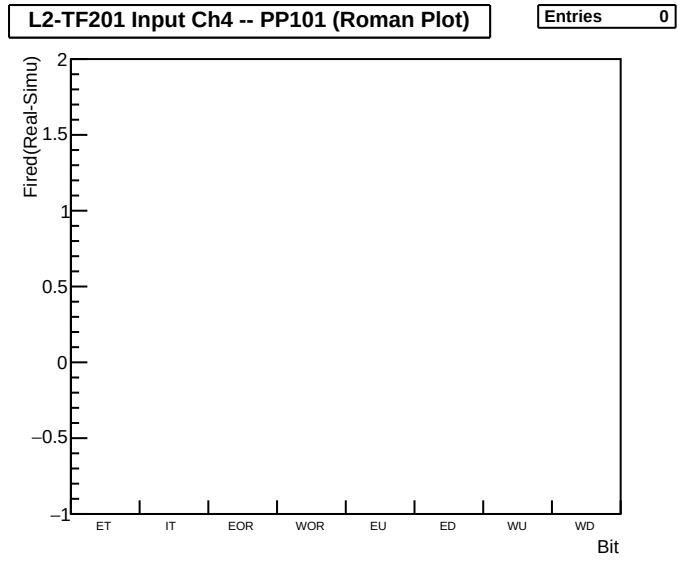

L2-TF201
Entries1516564
TOF total mult

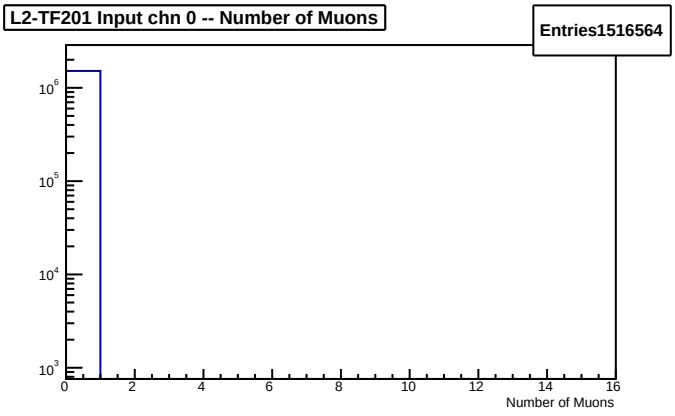

L2-TF201
Entries 0
TOF total mult(Real-Simu)

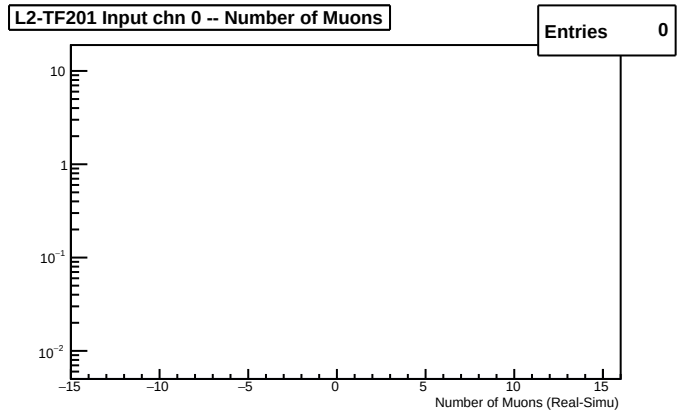

L2-TF201
Entries 1.061595e+07
Threshold/UPC bits
934872
963214
897578
944331
953267
920056
1.06111e+06
581692
553350
618986
572233
563297
596508
455453
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

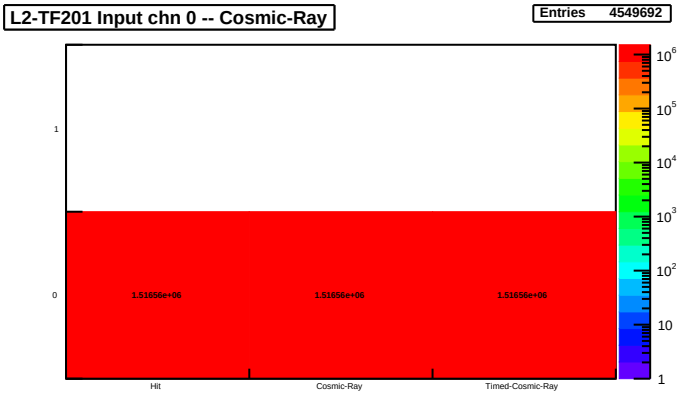

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

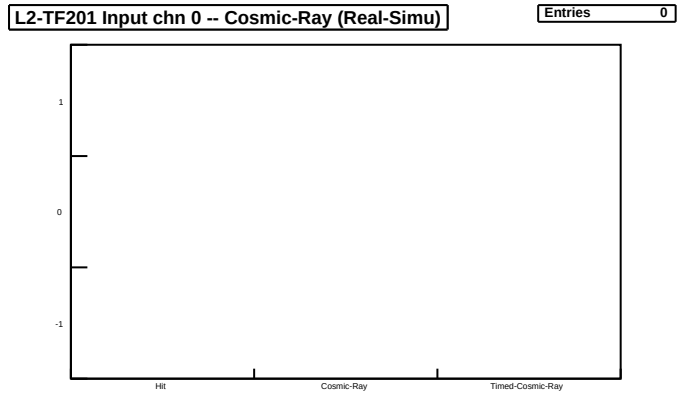

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.213251e+07
Fired
158962
156536
490106
439790
345389
348587
293294
320772
1.3576e+06
1.36003e+06
1.02646e+06
1.07677e+06
1.17118e+06
1.16798e+06
1.22327e+06
1.19579e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

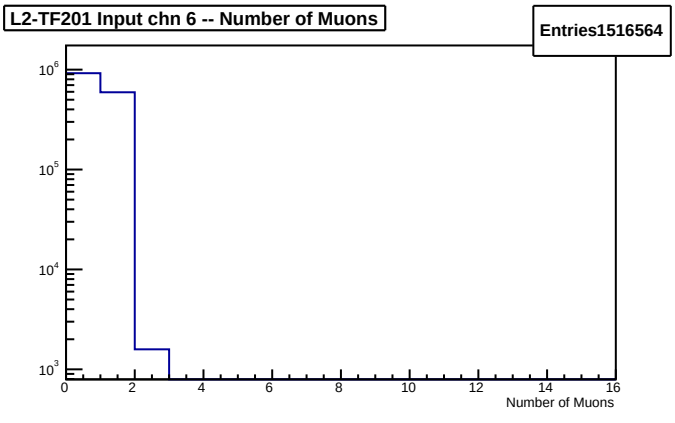

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

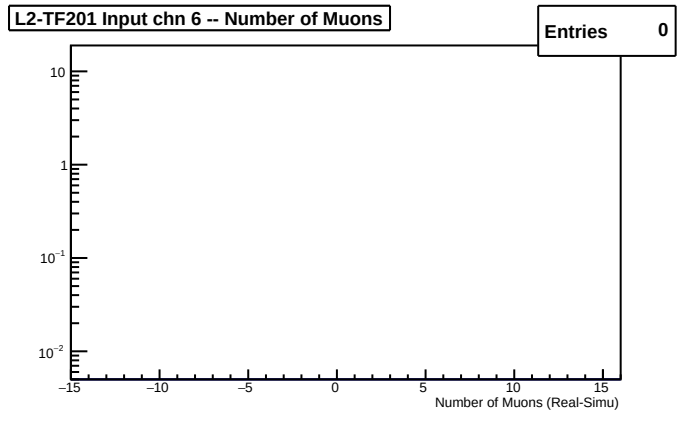

L2-TF201 Input chn 0 -- Number of Muons
Entries1516564
Number of Muons

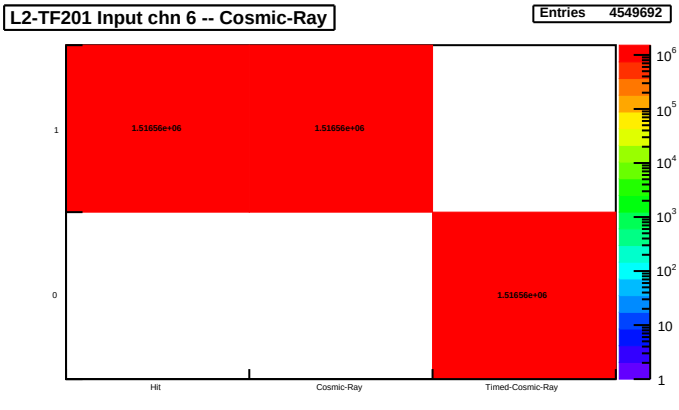

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

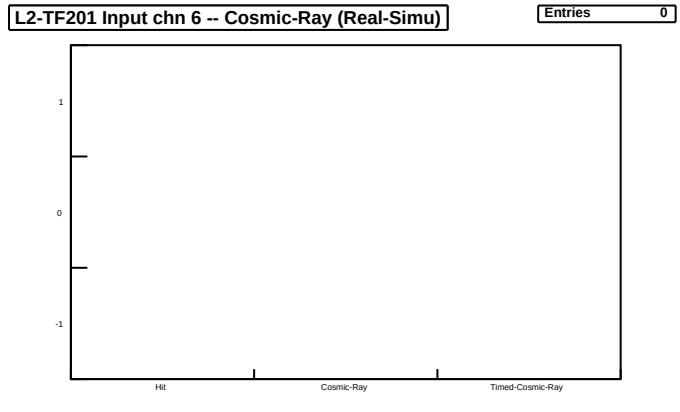

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4549692
1.51656e+06
1.51656e+06
1.51656e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

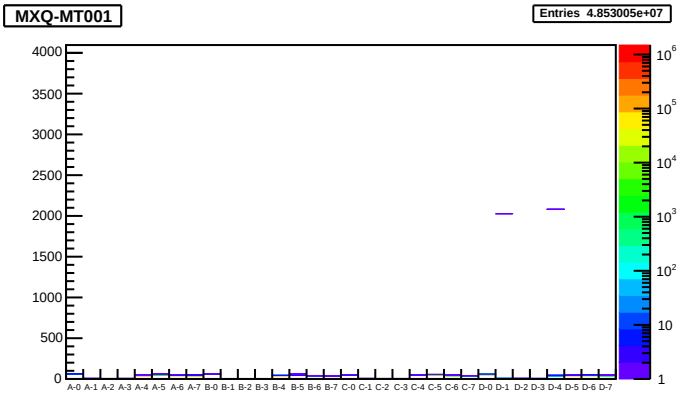

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

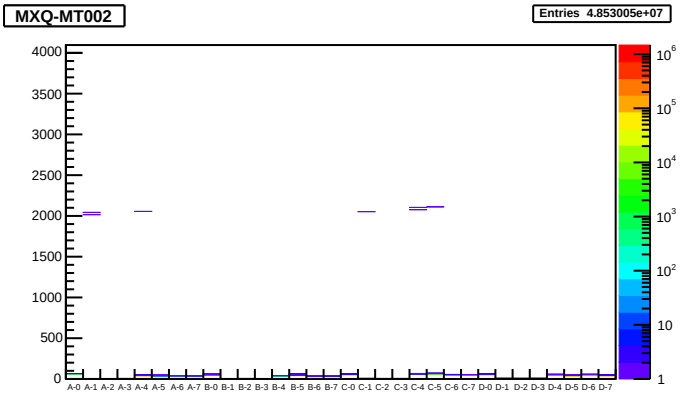

L2-TF201 Input chn 6 -- Number of Muons
Entries1516564
Number of Muons

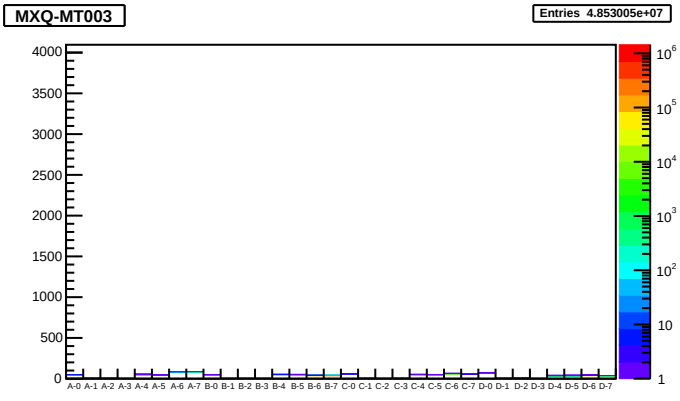

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

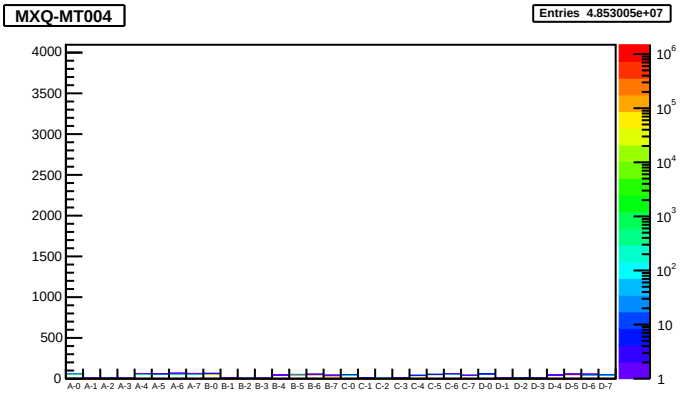

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4549692
1.51656e+06
1.51656e+06
1.51656e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

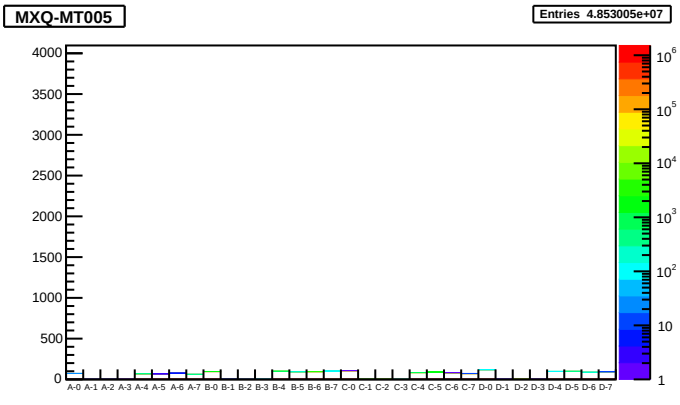

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

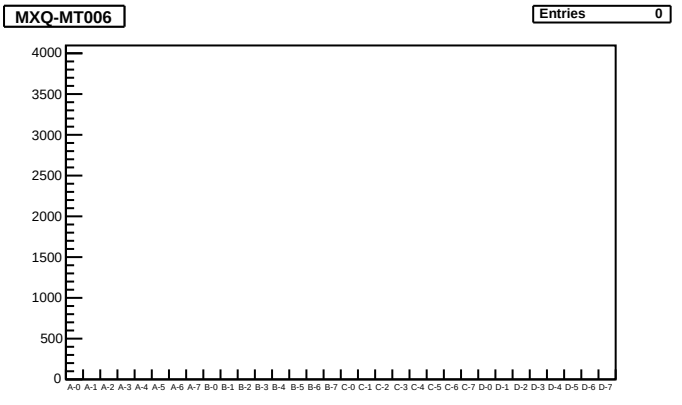

MXQ-MT001
Entries 4.853005e+07

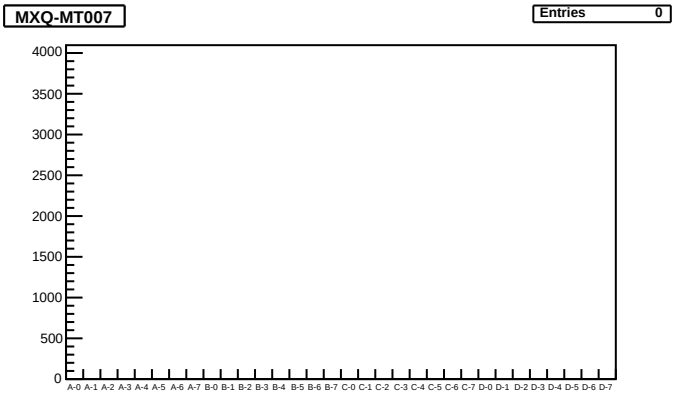

MXQ-MT002
Entries 4.853005e+07

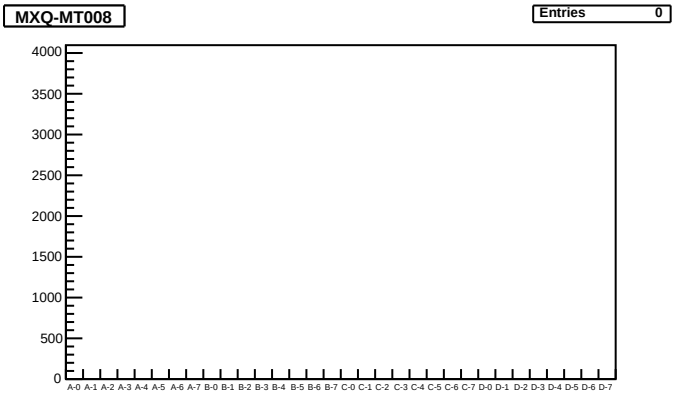

MXQ-MT003
Entries 4.853005e+07

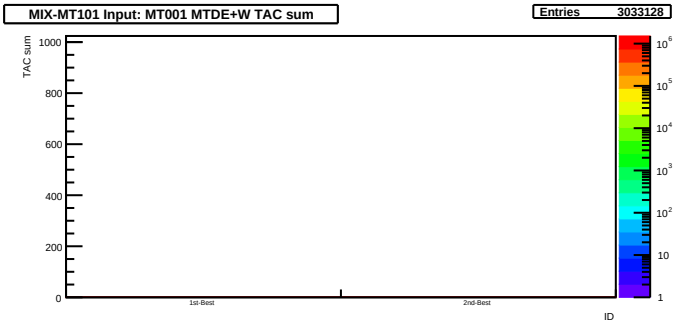

MXQ-MT004
Entries 4.853005e+07

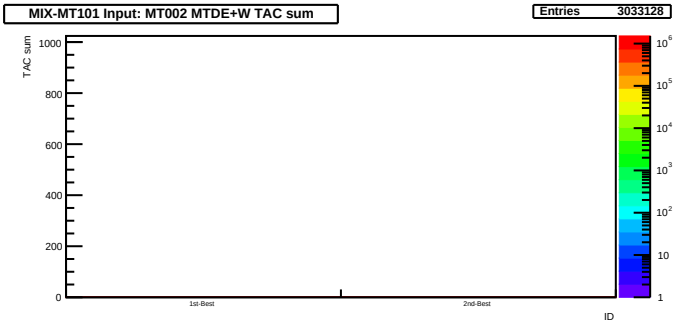

MXQ-MT005
Entries 4.853005e+07

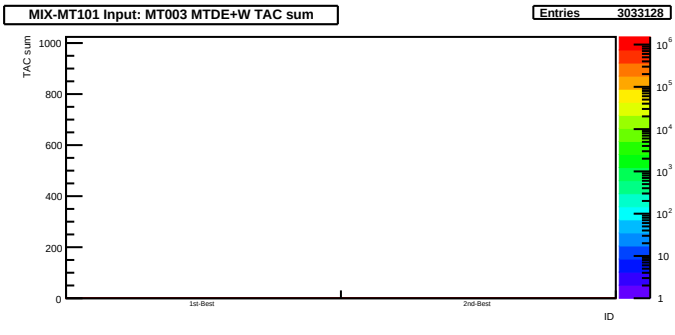

MXQ-MT006
Entries 0

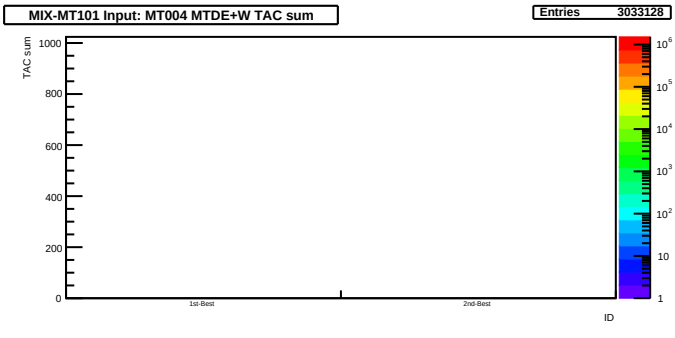

MXQ-MT007
Entries 0

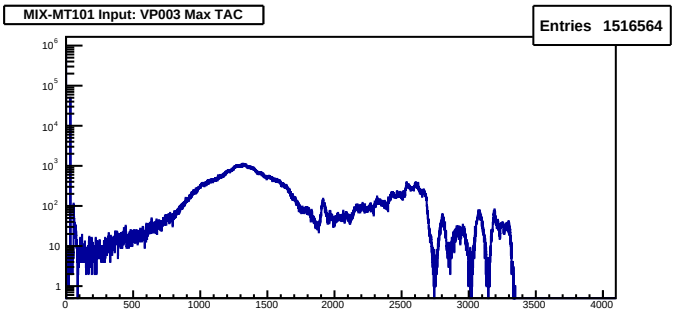

MXQ-MT008
Entries 0

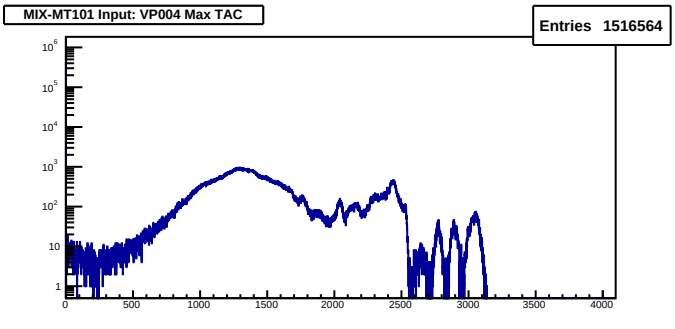

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

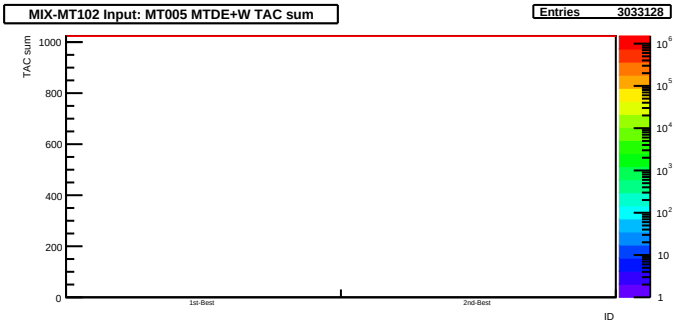

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

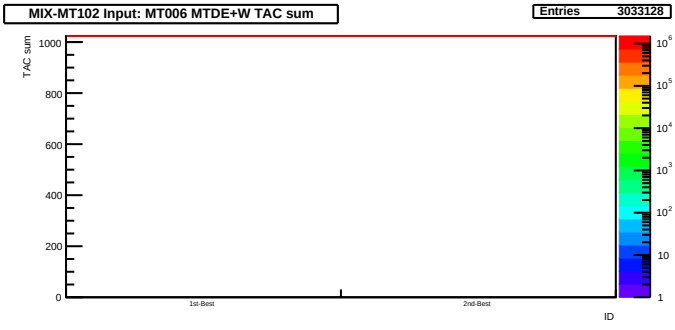

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

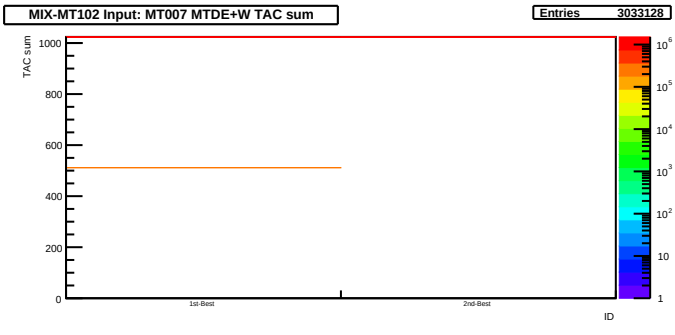

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

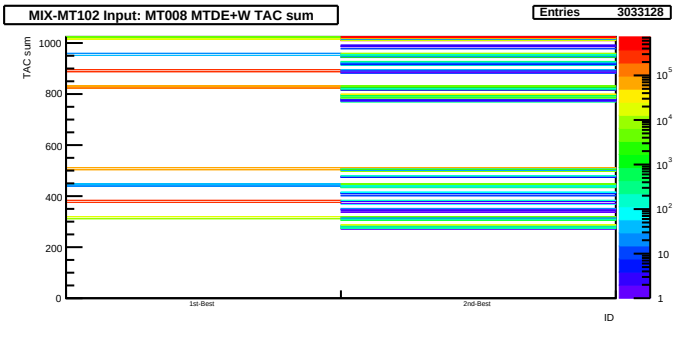

MIX-MT101 Input: VP003 Max TAC
Entries 1516564

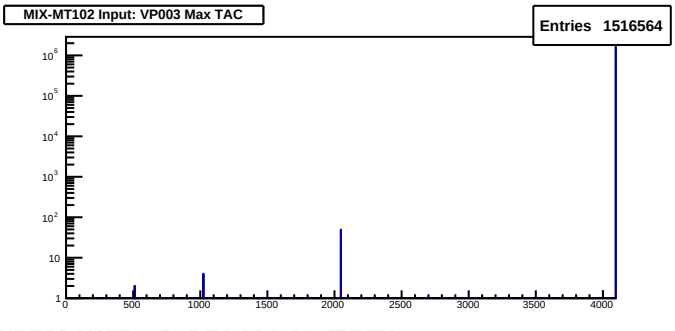

MIX-MT101 Input: VP004 Max TAC
Entries 1516564

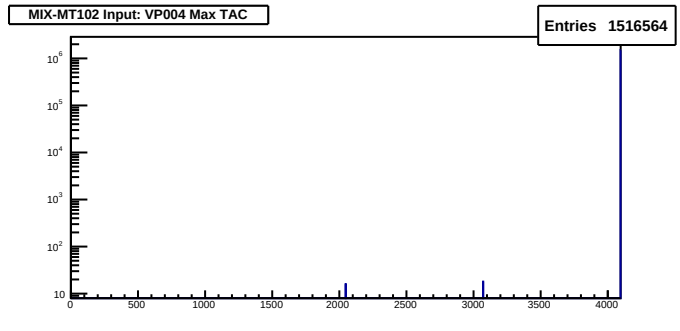

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

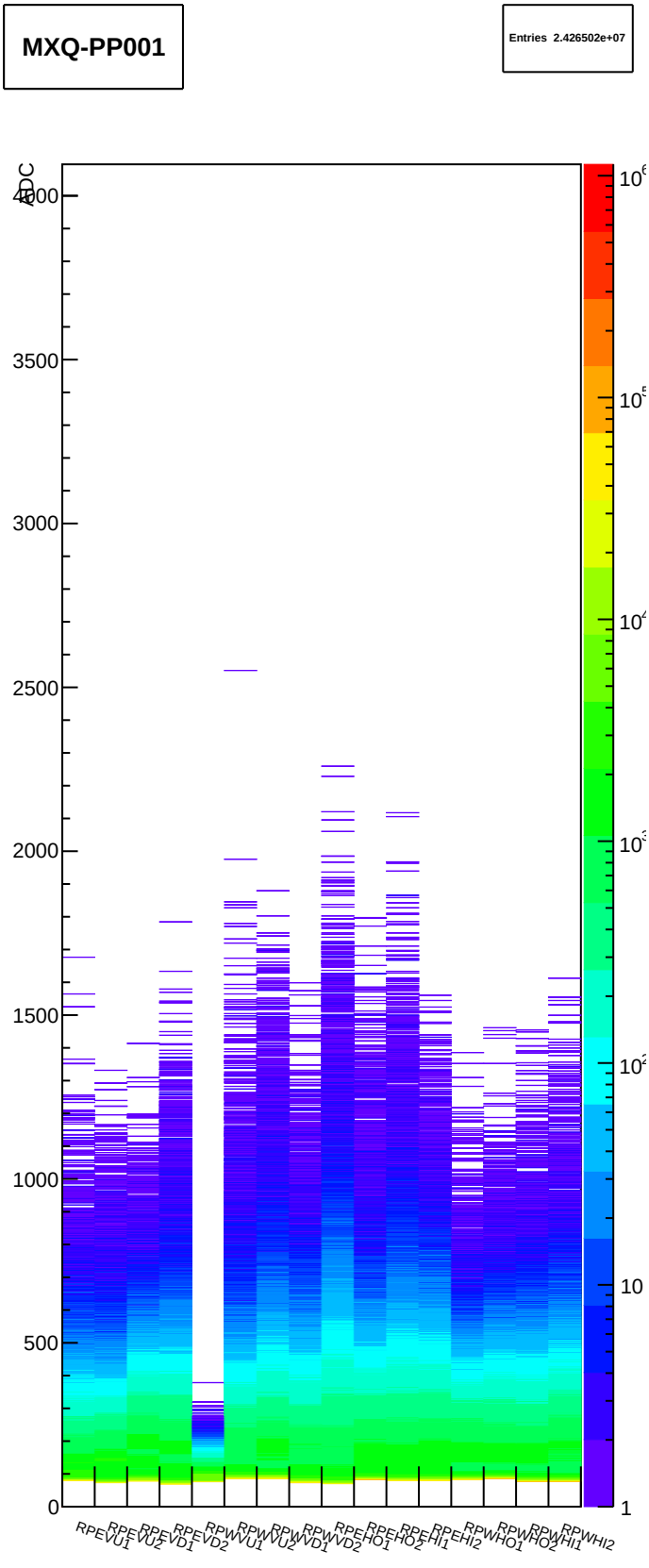

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

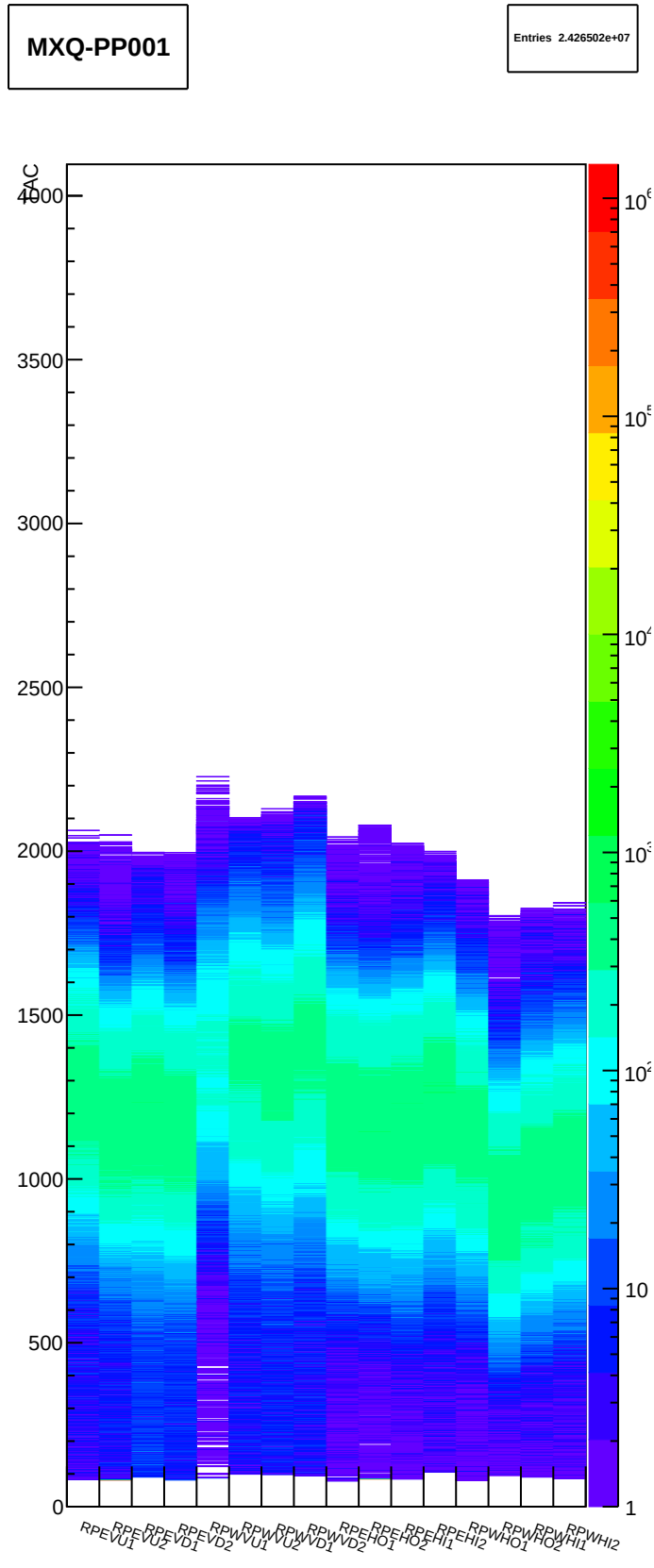

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

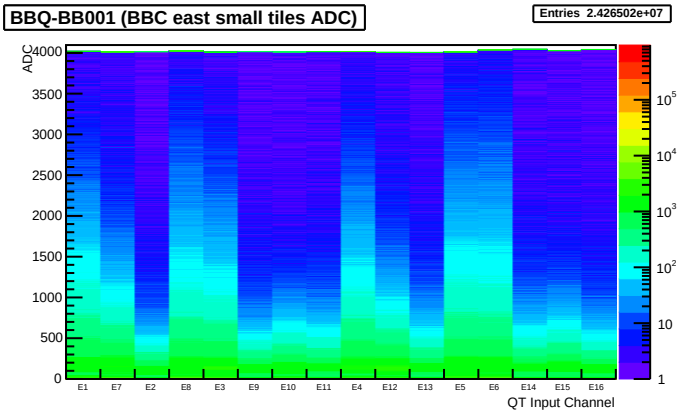

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3033128
TAC sum
1st-Best
2nd-Best
ID

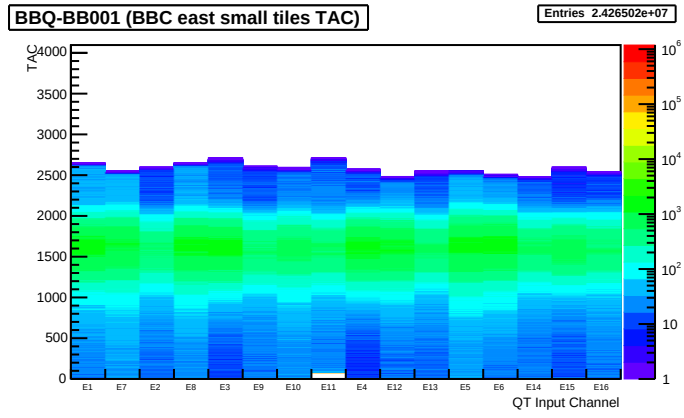

MIX-MT102 Input: VP003 Max TAC
Entries 1516564

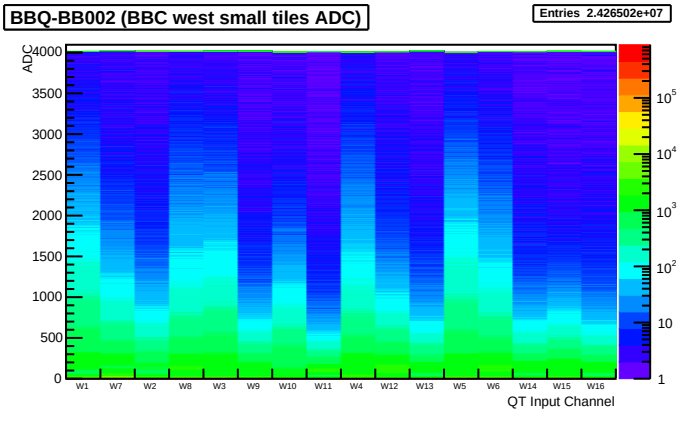

MIX-MT102 Input: VP004 Max TAC
Entries 1516564

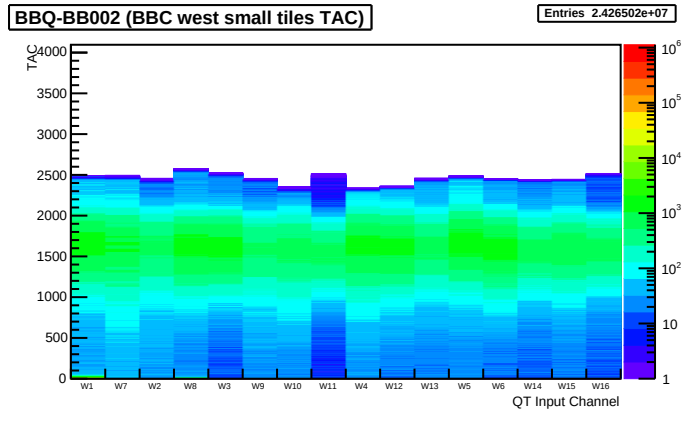

MXQ-PP001
Entries 2.426502e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10^2
10^3
10^4
10^5
10^6

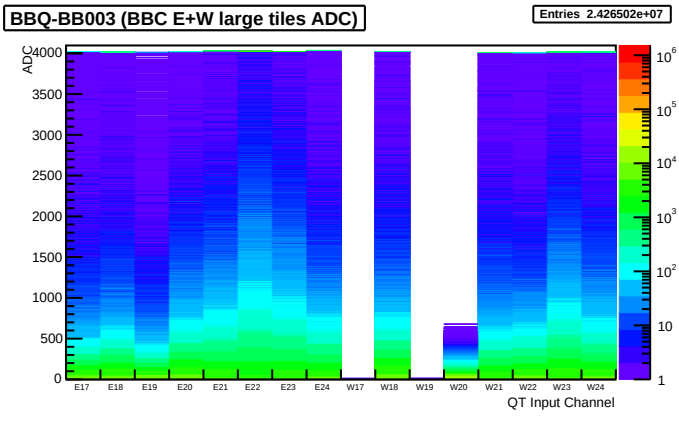

MXQ-PP001
Entries 2.426502e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10^2
10^3
10^4
10^5
10^6

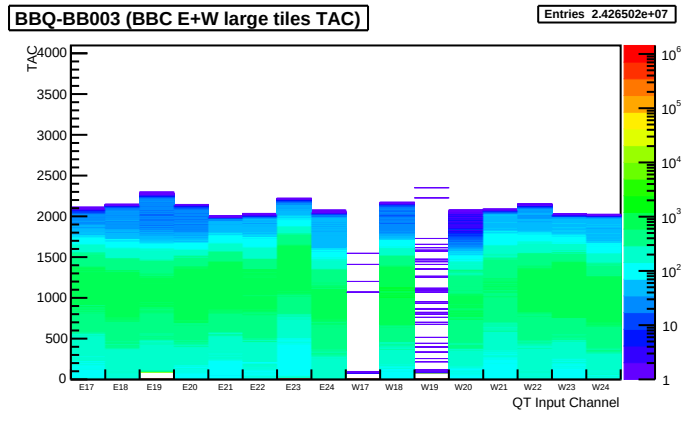

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.426502e+07
ADC
QT Input Channel

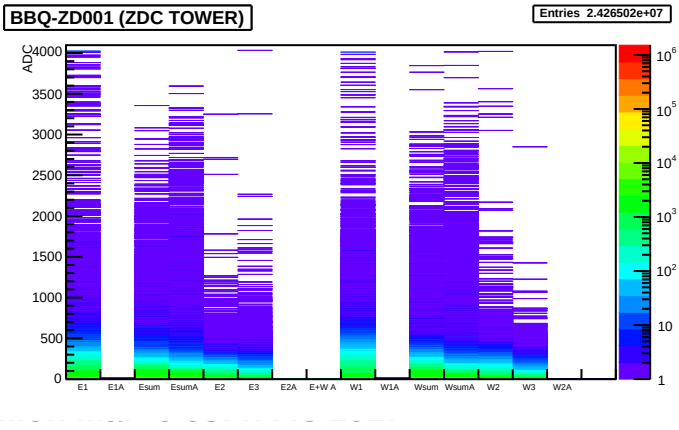

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.426502e+07
TAC
QT Input Channel

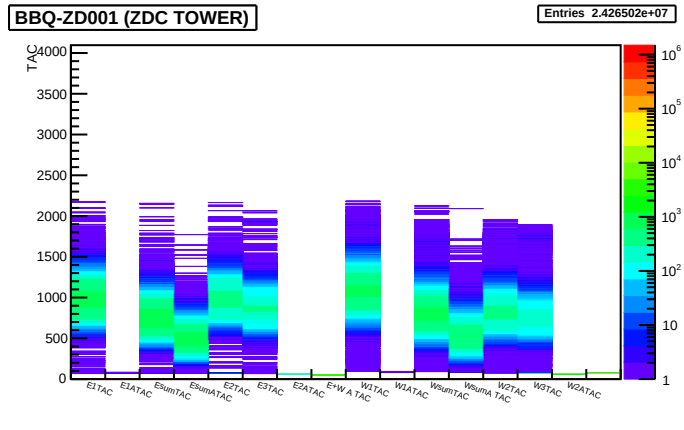

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.426502e+07
ADC
QT Input Channel

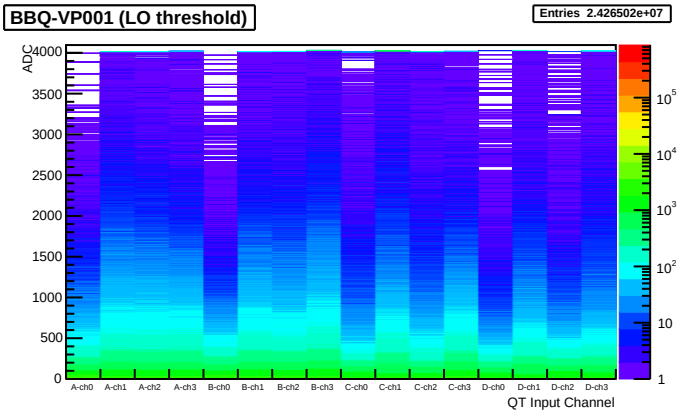

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.426502e+07
TAC
QT Input Channel

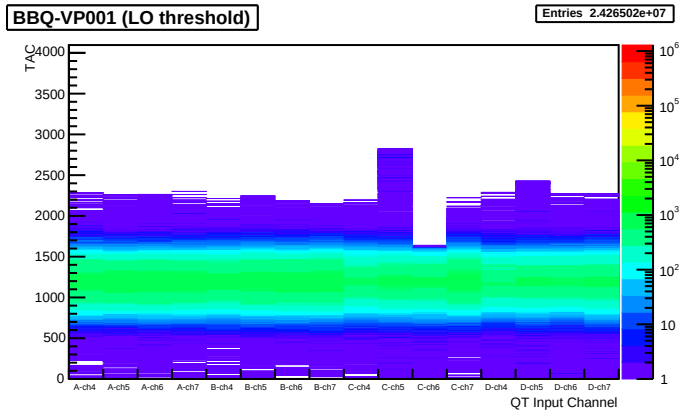

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.426502e+07
ADC
QT Input Channel

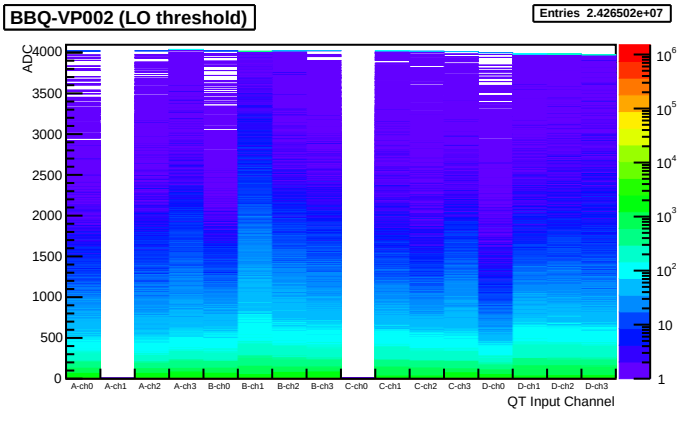

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.426502e+07
TAC
QT Input Channel

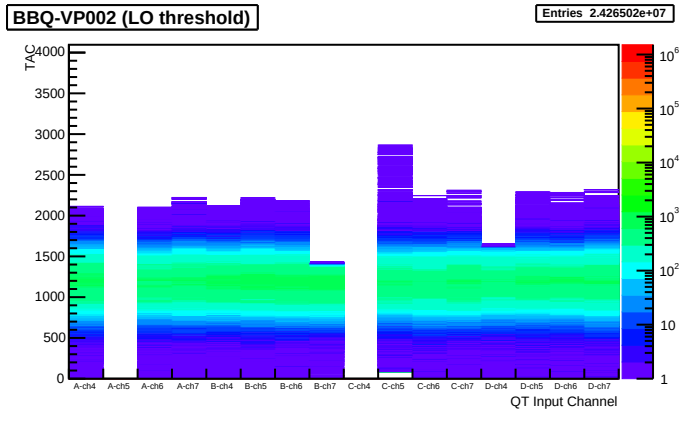

BBQ-ZD001 (ZDC TOWER)
Entries 2.426502e+07
ADC

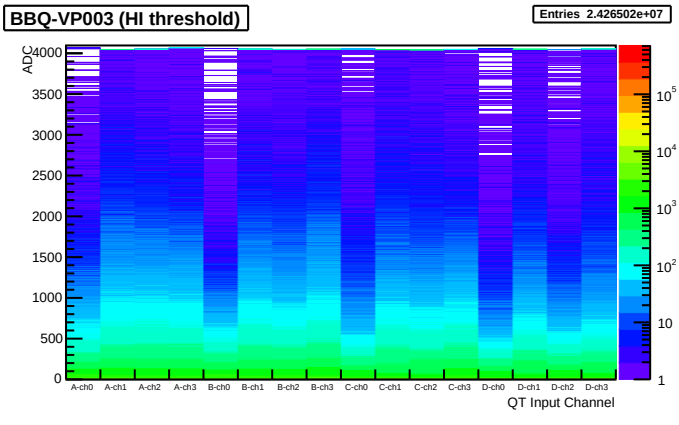

BBQ-ZD001 (ZDC TOWER)
Entries 2.426502e+07
TAC

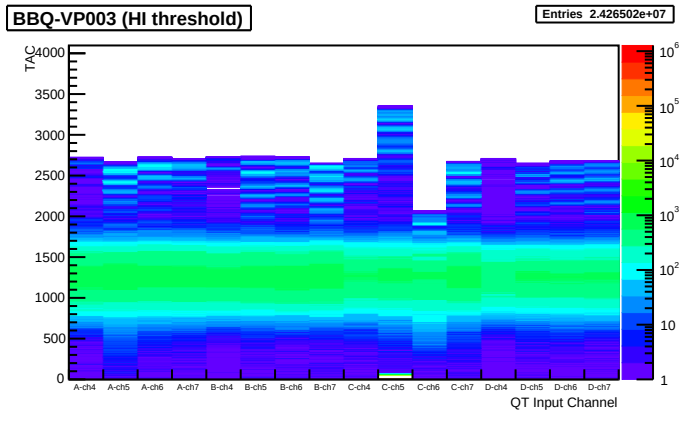

BBQ-VP001 (LO threshold)
Entries 2.426502e+07
ADC
QT Input Channel

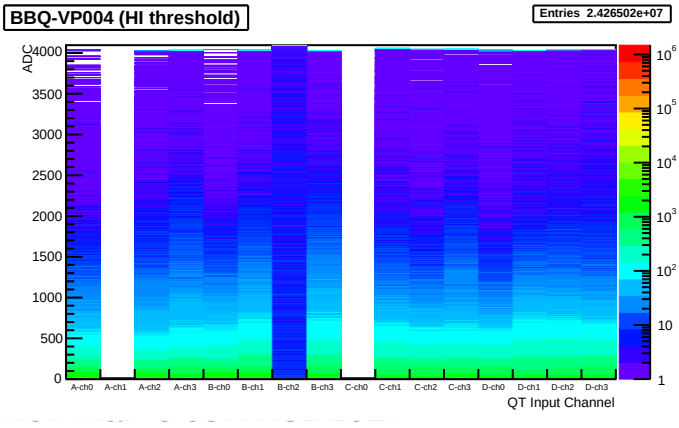

BBQ-VP001 (LO threshold)
Entries 2.426502e+07
TAC
QT Input Channel

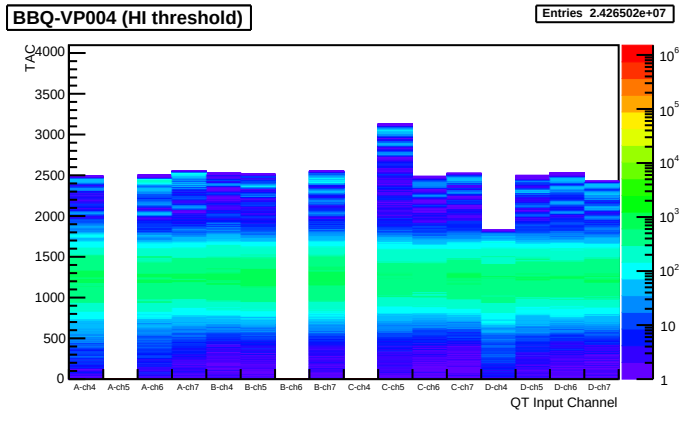

BBQ-VP002 (LO threshold)
Entries 2.426502e+07
ADC
QT Input Channel

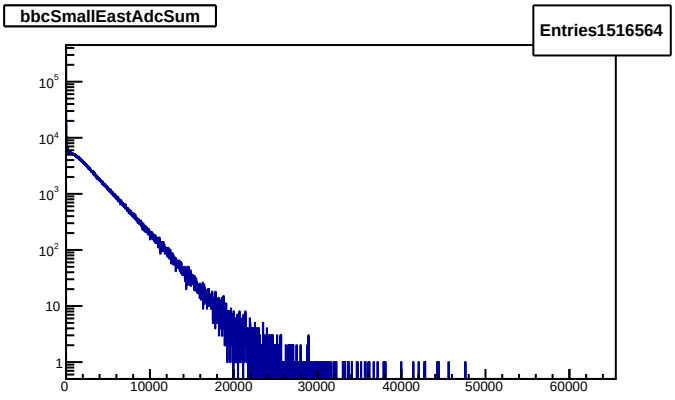

BBQ-VP002 (LO threshold)
Entries 2.426502e+07
TAC
QT Input Channel

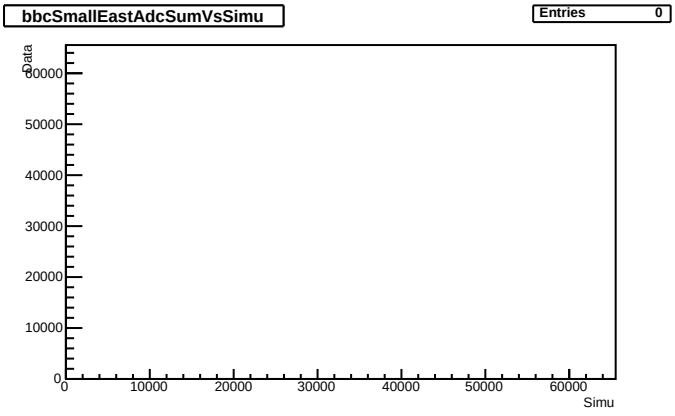

BBQ-VP003 (HI threshold)
Entries 2.426502e+07
ADC
QT Input Channel

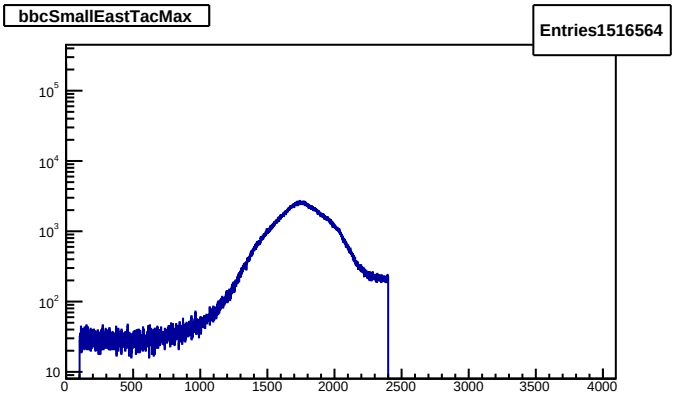

BBQ-VP003 (HI threshold)
Entries 2.426502e+07
TAC
QT Input Channel

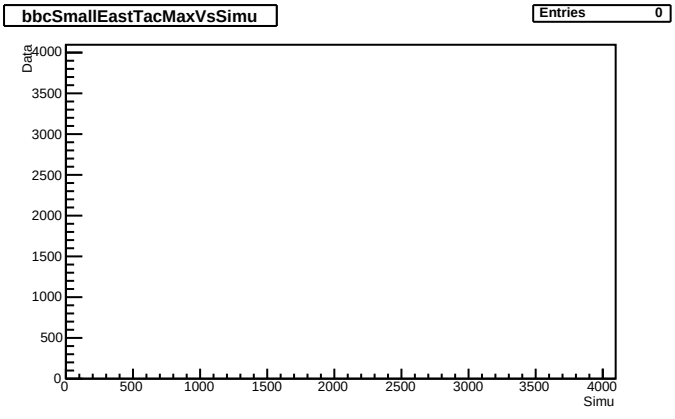

BBQ-VP004 (HI threshold)
Entries 2.426502e+07
ADC
QT Input Channel

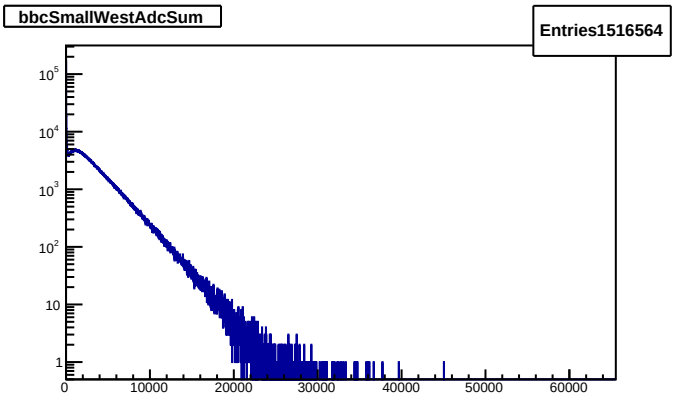

BBQ-VP004 (HI threshold)
Entries 2.426502e+07
TAC
QT Input Channel

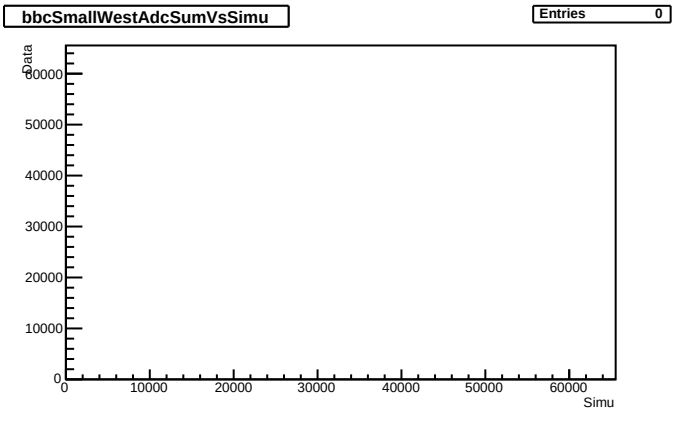

bbcSmallEastAdcSum
Entries1516564

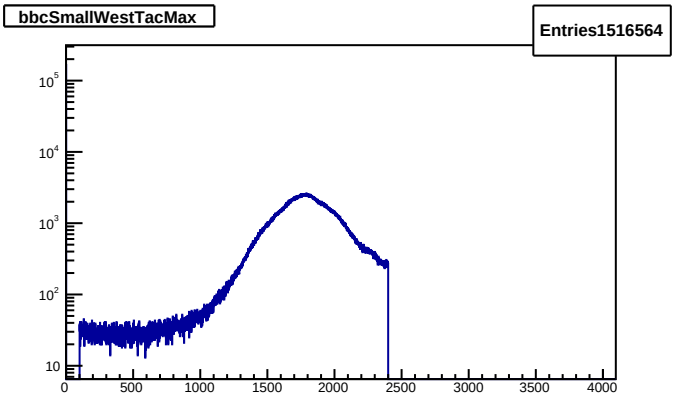

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

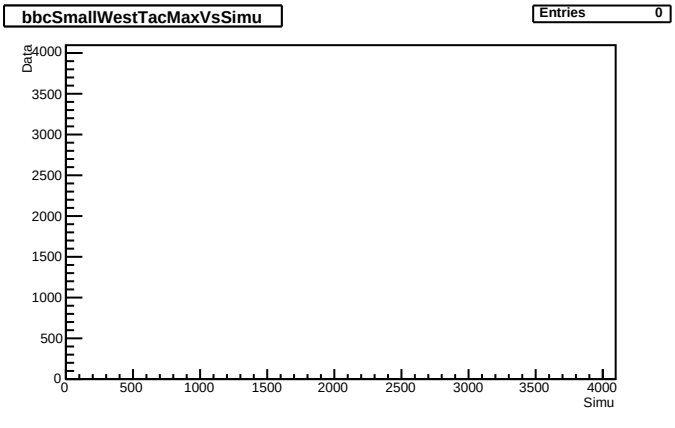

bbcSmallEastTacMax
Entries1516564

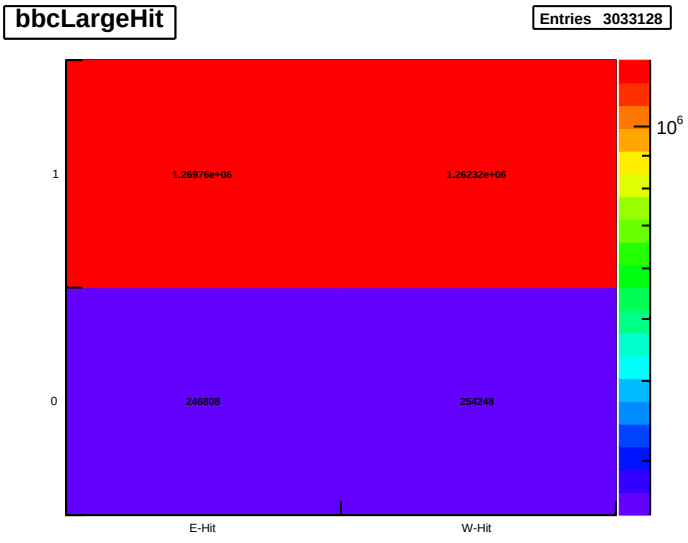

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

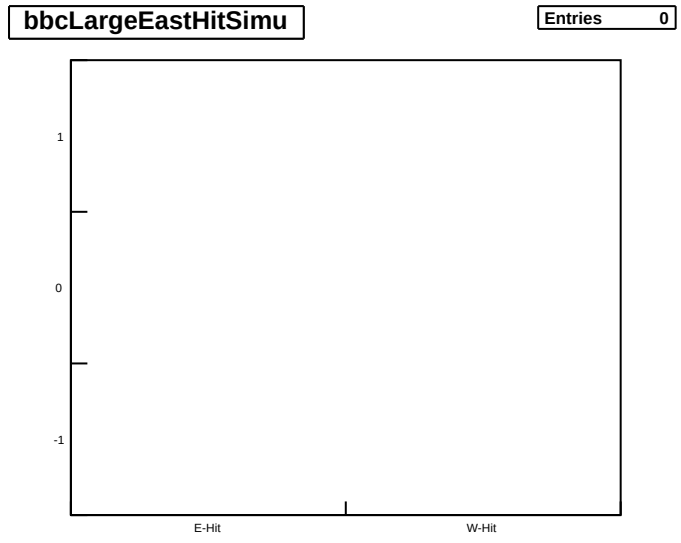

bbcSmallWestAdcSum
Entries1516564

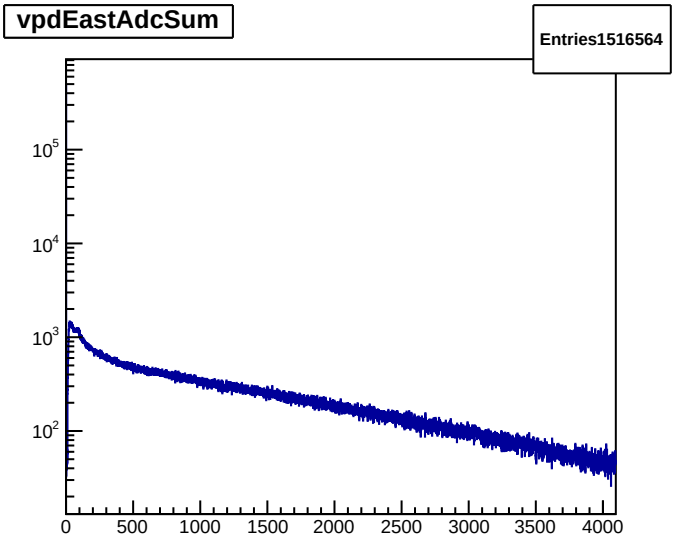

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

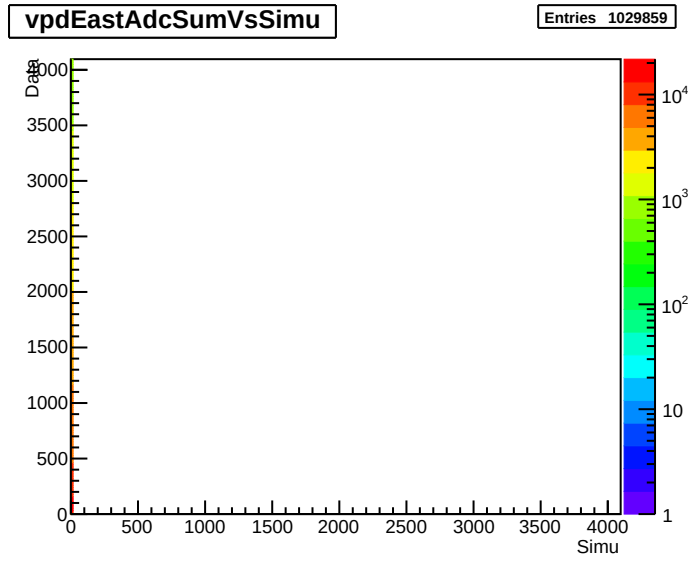

bbcSmallWestTacMax
Entries1516564

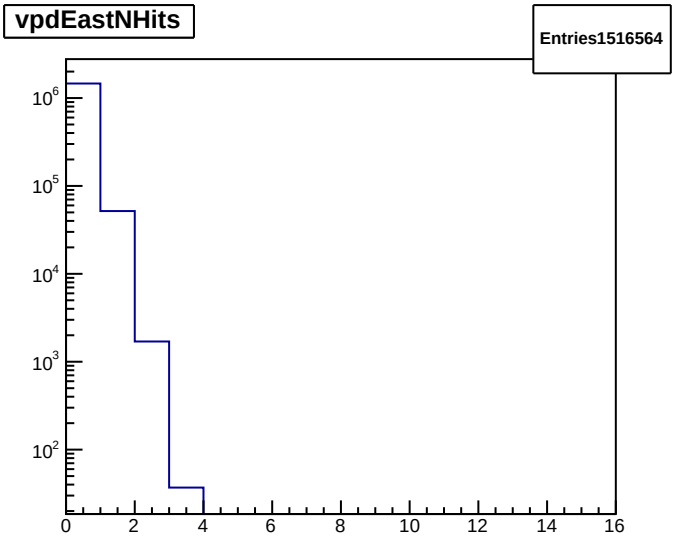

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

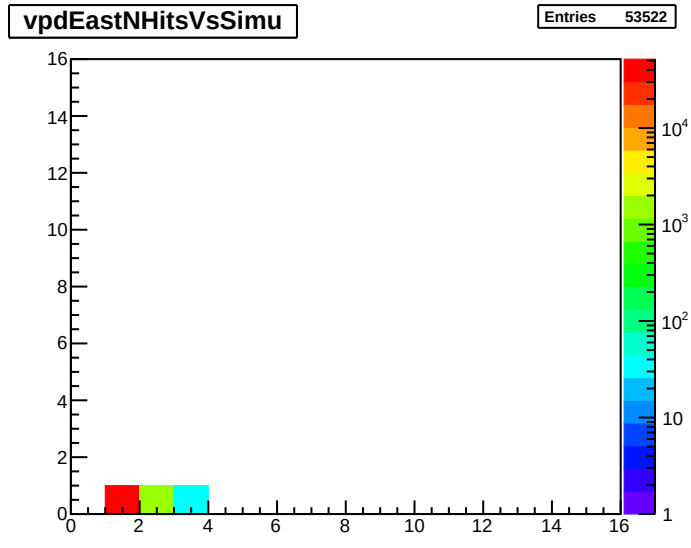

bbcLargeHit
Entries 3033128
1.26976e+06
1.26232e+06
246808
254248
1
0
E-Hit
W-Hit
10^6

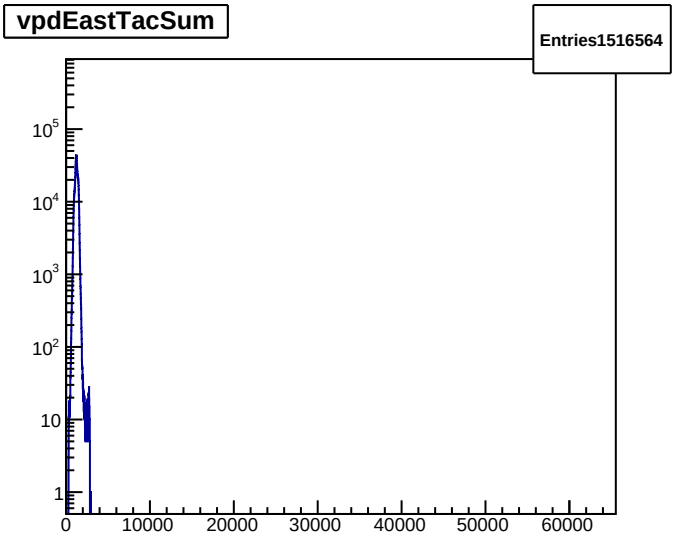

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

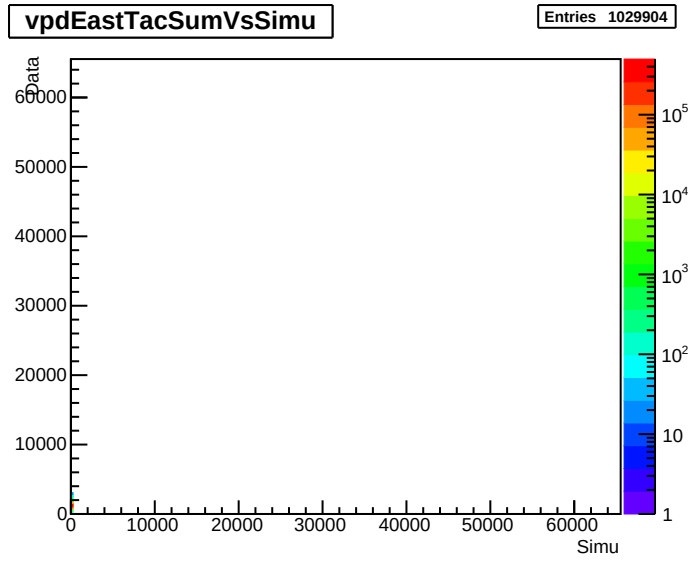

vpdEastAdcSum
Entries1516564

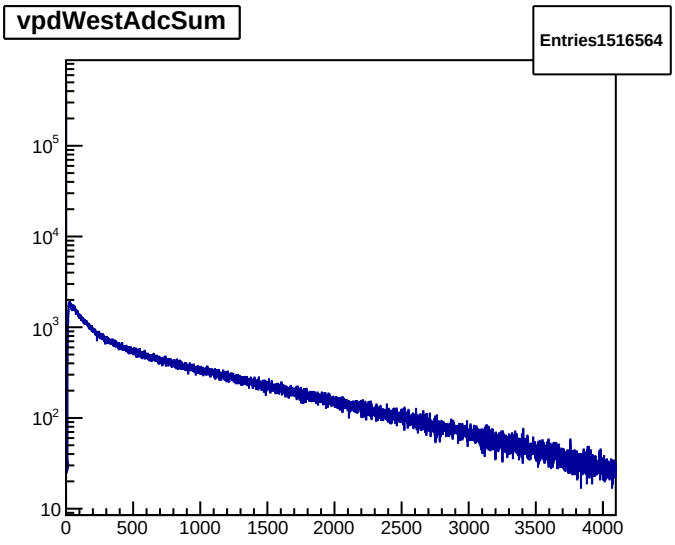

vpdEastAdcSumVsSimu
Entries 1029859
Data
Simu

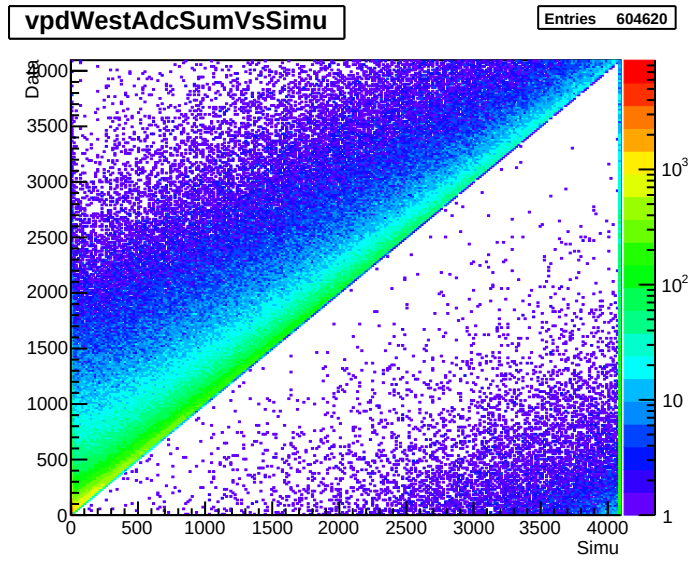

vpdEastNHits
Entries1516564

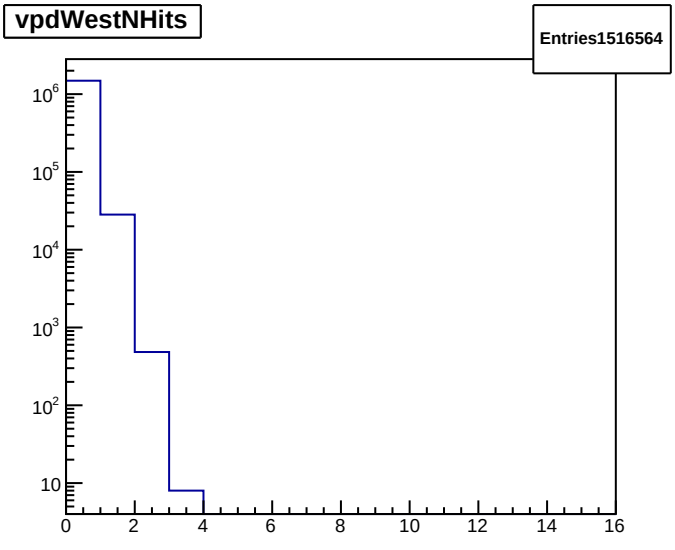

vpdEastNHitsVsSimu
Entries 53522

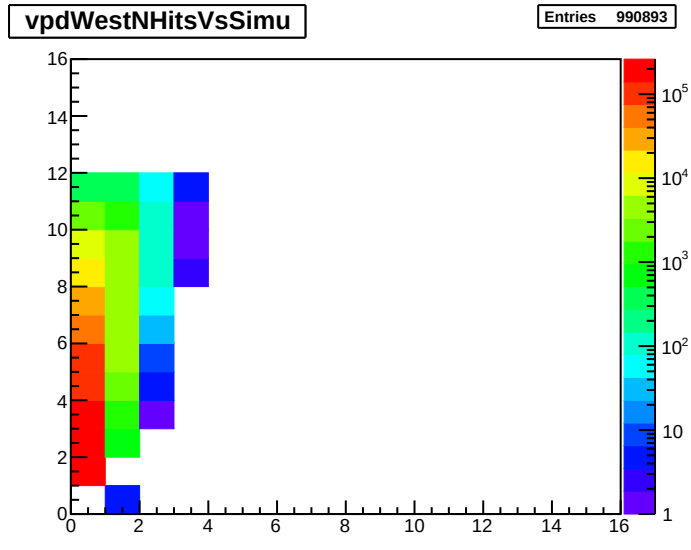

vpdEastTacSum
Entries1516564

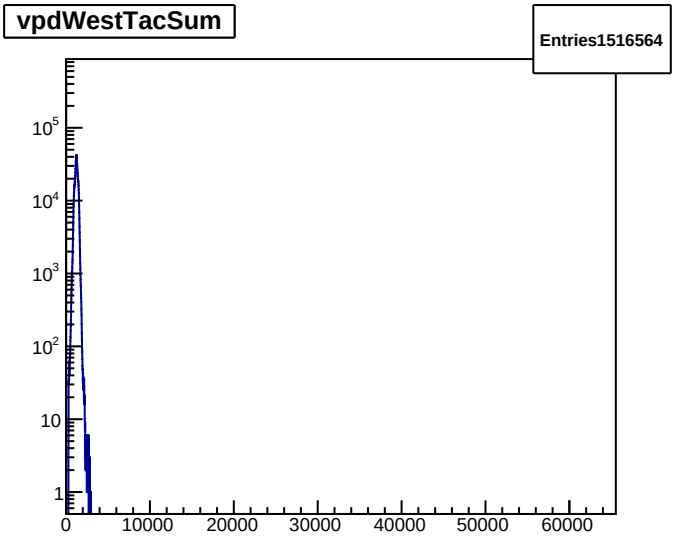

vpdEastTacSumVsSimu
Entries 1029904
Data
Simu

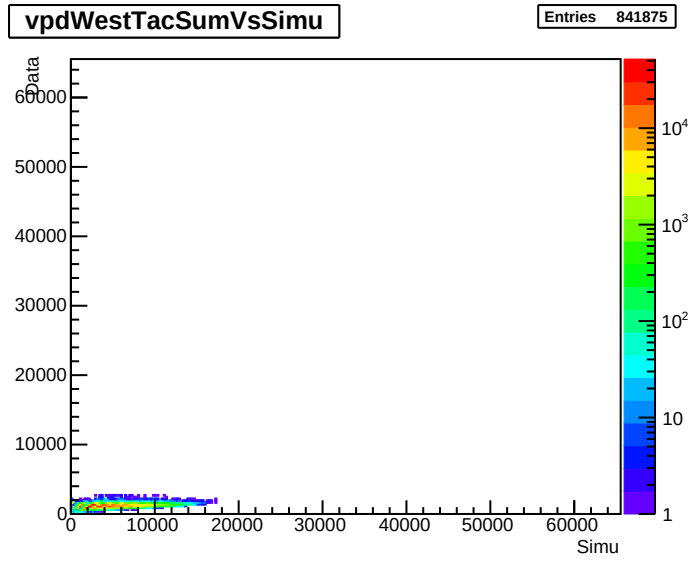

vpdWestAdcSum
Entries1516564

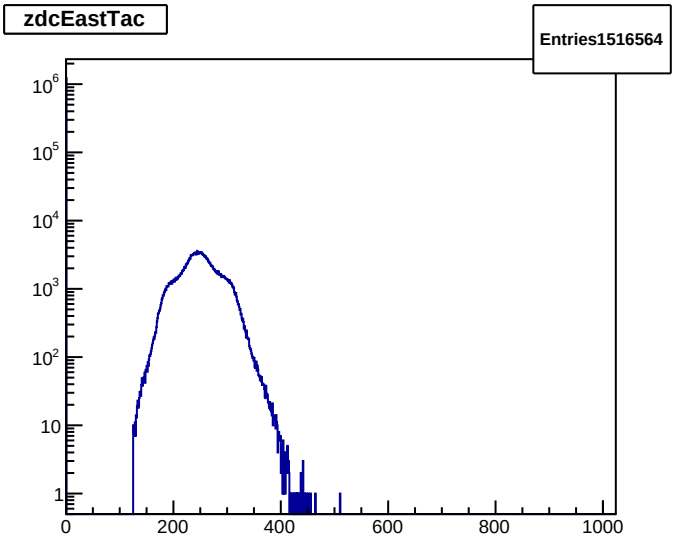

vpdWestAdcSumVsSimu
Entries 604620
Data
Simu

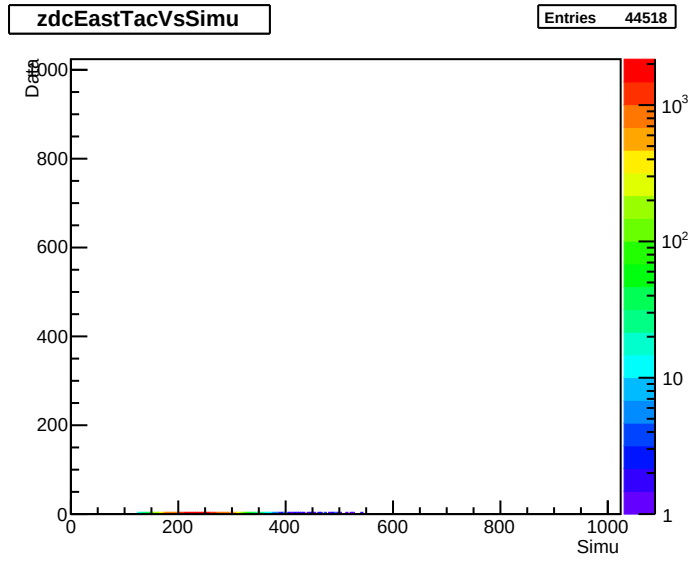

vpdWestNHits
Entries1516564

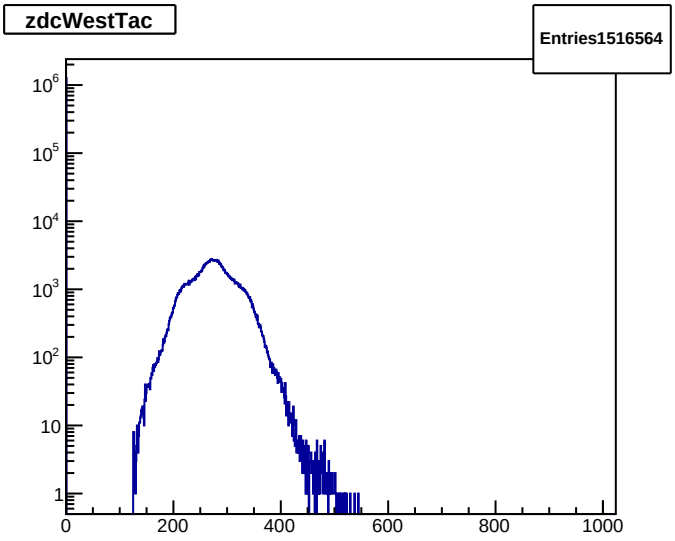

vpdWestNHitsVsSimu
Entries 990893

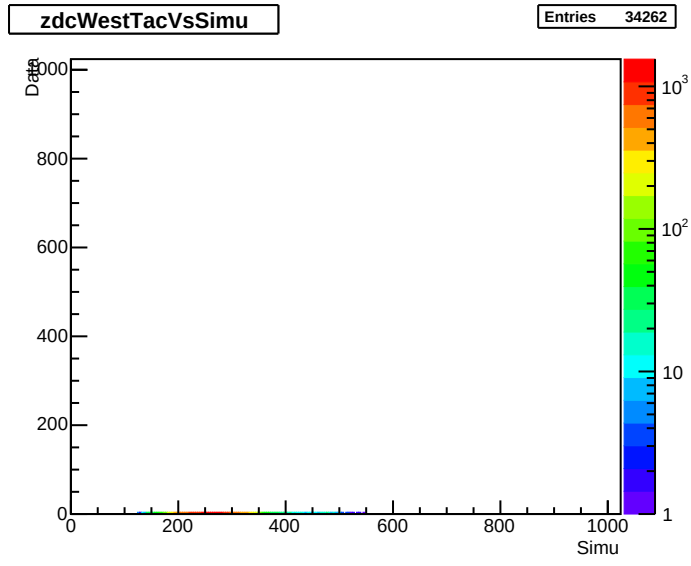

vpdWestTacSum
Entries1516564

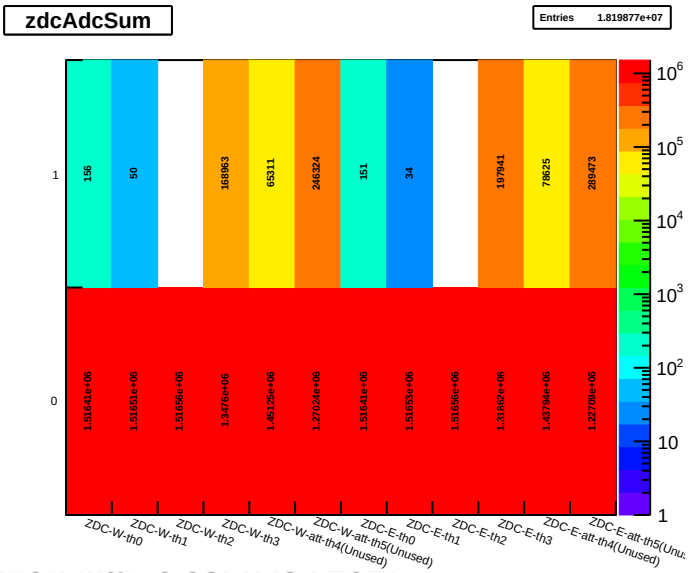

vpdWestTacSumVsSimu
Entries 841875
Data
Simu

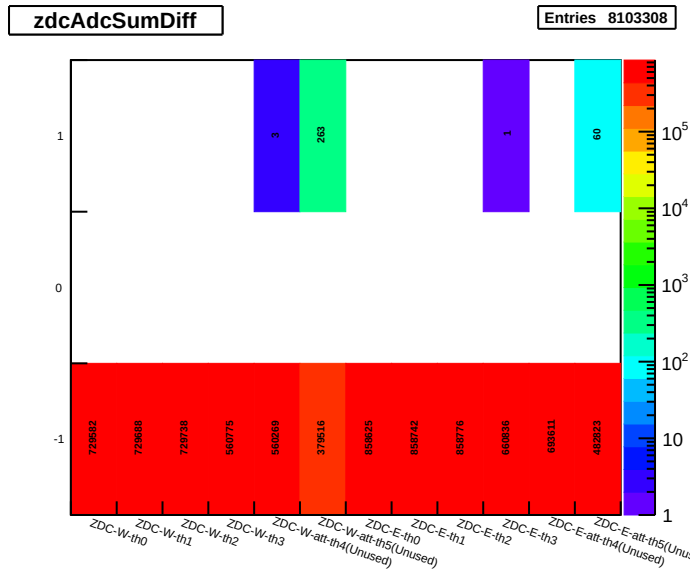

zdcEastTac
Entries1516564

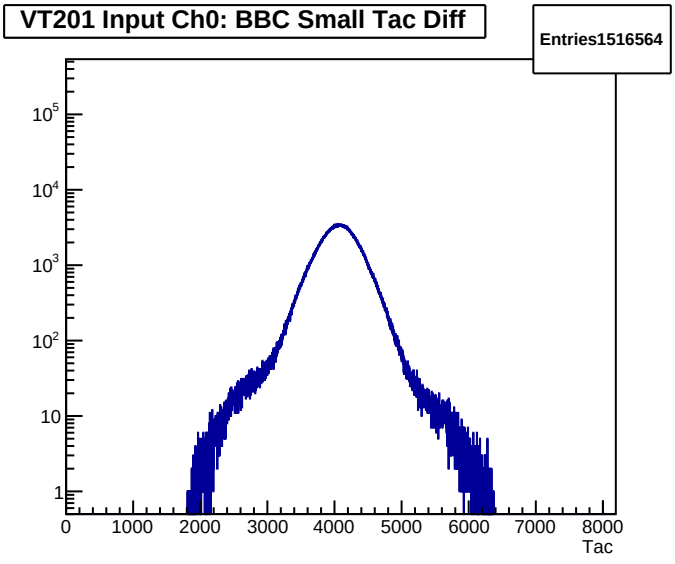

zdcEastTacVsSimu
Entries 44518
Data
Simu

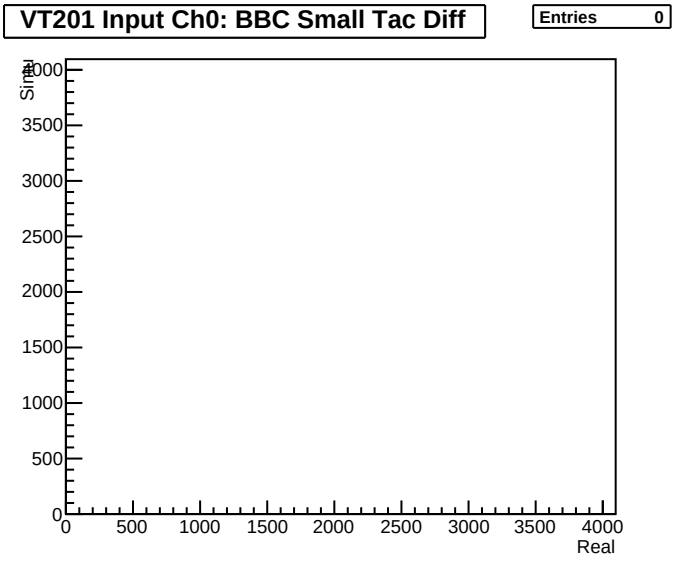

zdcWestTac
Entries1516564

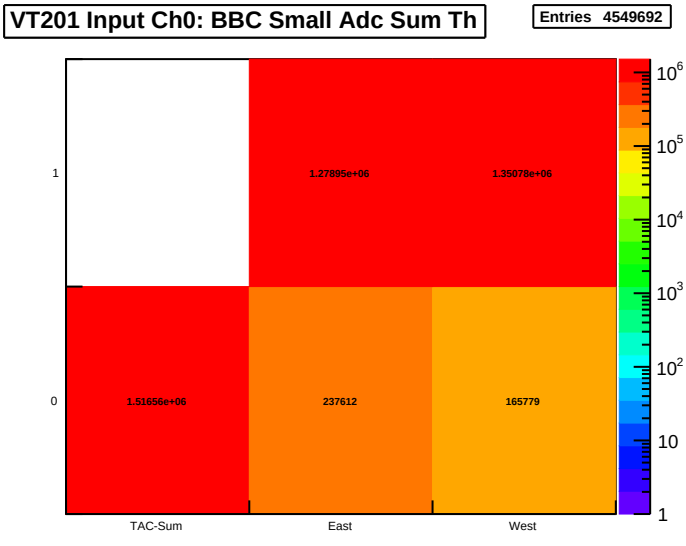

zdcWestTacVsSimu
Entries 34262
Data
Simu

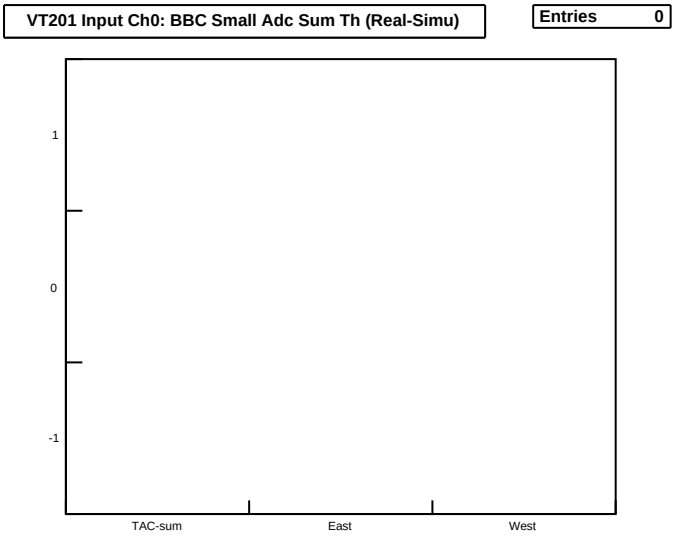

zdcAdcSum
Entries 1.819877e+07
156
50
168963
65311
246324
151
34
197941
78625
289473
1.5164e+06
1.5165e+06
1.5165e+06
1.347e+06
1.4512e+06
1.2702e+06
1.5164e+06
1.5165e+06
1.5165e+06
1.3182e+06
1.4379e+06
1.2270e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

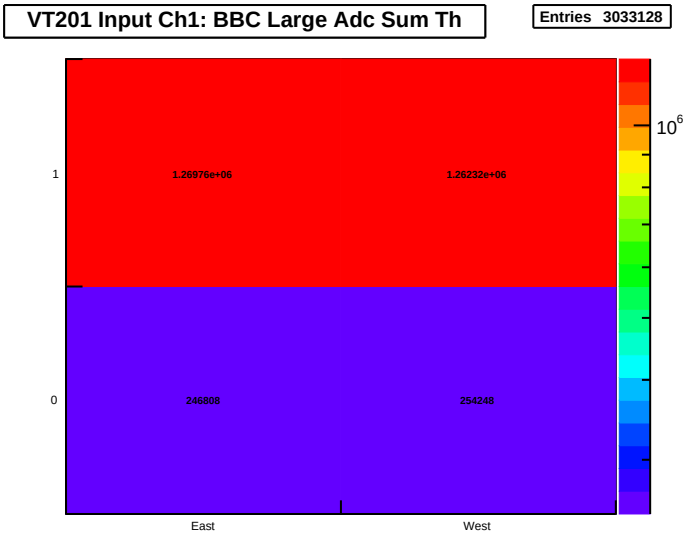

zdcAdcSumDiff
Entries 8103308
3
263
1
60
725582
728688
729738
560775
560269
370516
858625
859742
858776
660836
693611
482823
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

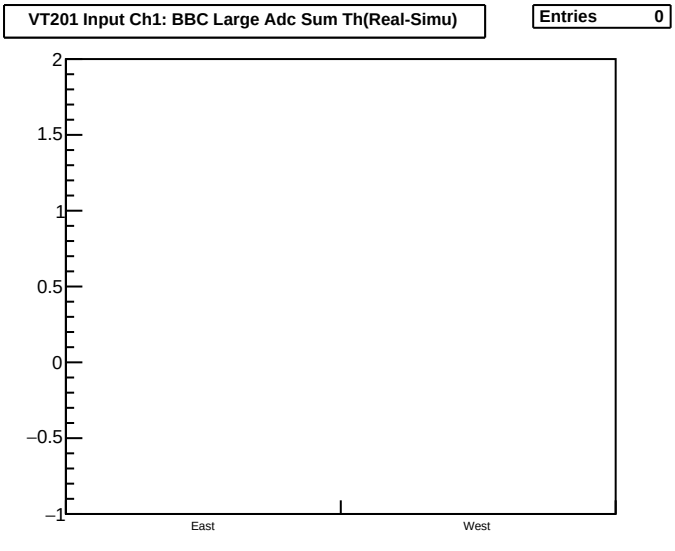

VT201 Input Ch0: BBC Small Tac Diff
Entries1516564
Tac


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

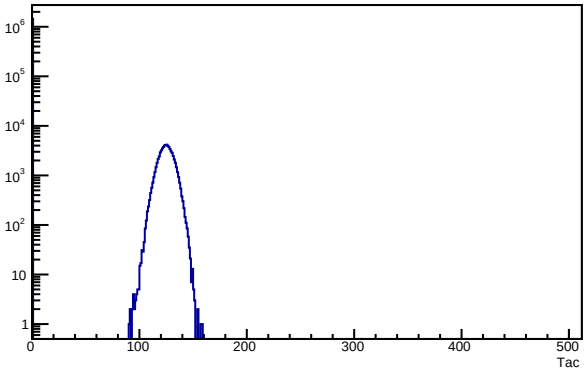

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4549692
1.27895e+06
1.35078e+06
1.51656e+06
237612
165779
TAC-Sum
East
West


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

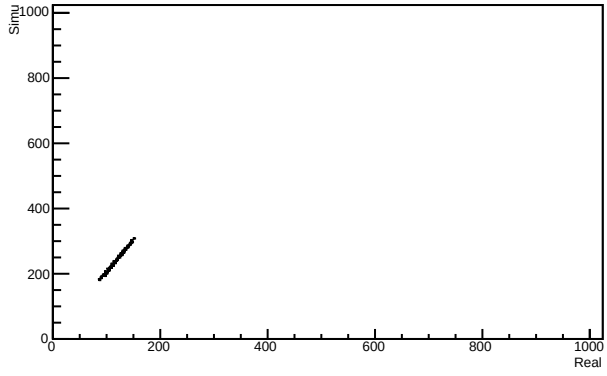

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3033128
1.26976e+06
1.26232e+06
246808
254248
East
West


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

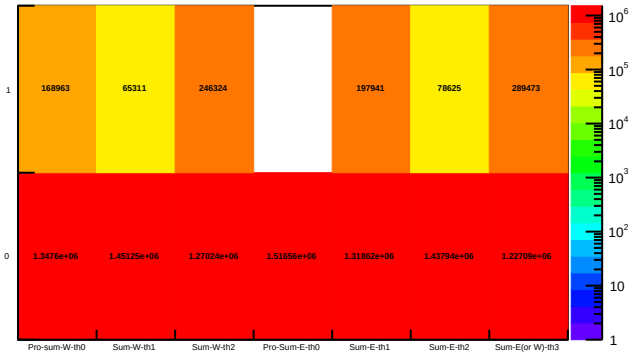
VT201 Input Ch2: ZDC Tac Diff



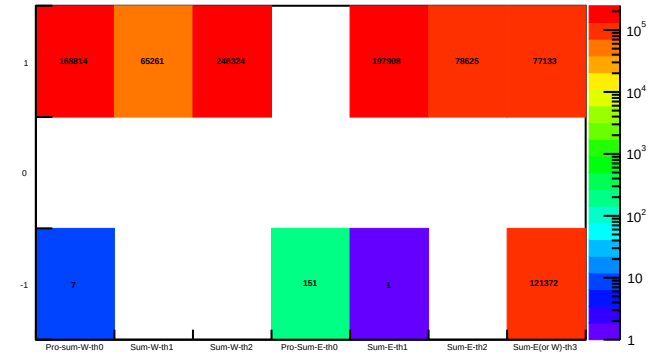
VT201 Input Ch2: ZDC Tac Diff



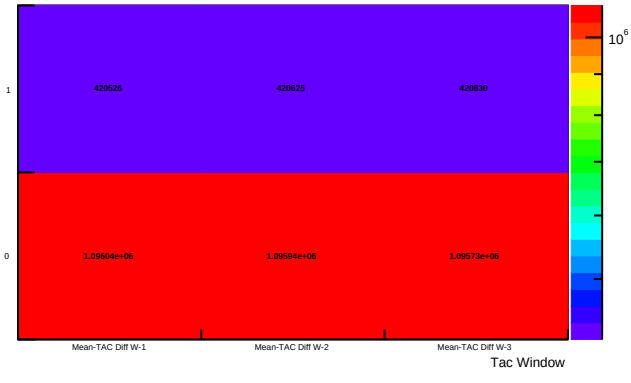
VT201 Input Ch2: ZDC Adc Sum Th



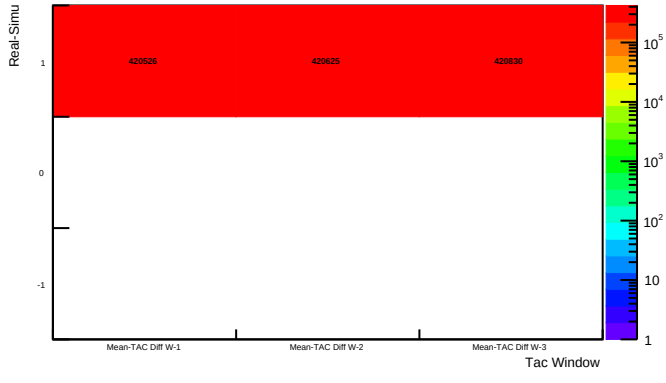
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



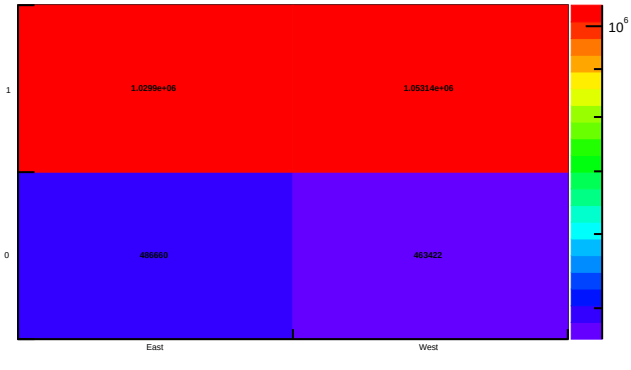
VT201 Input Ch4: VPD Tac Diff



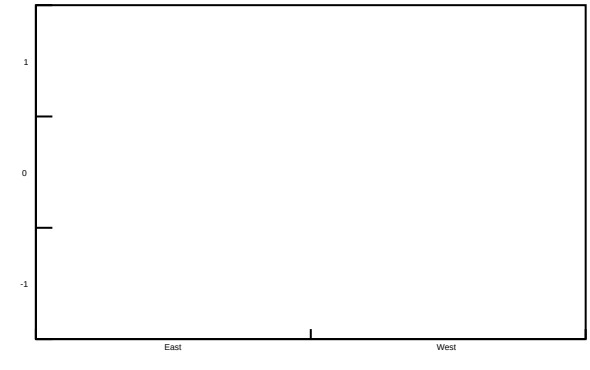
VT201 Input Ch4: VPD Tac Diff

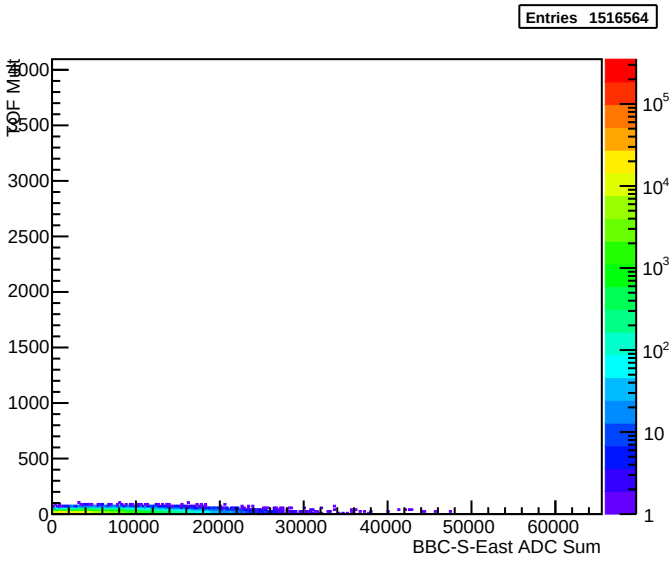


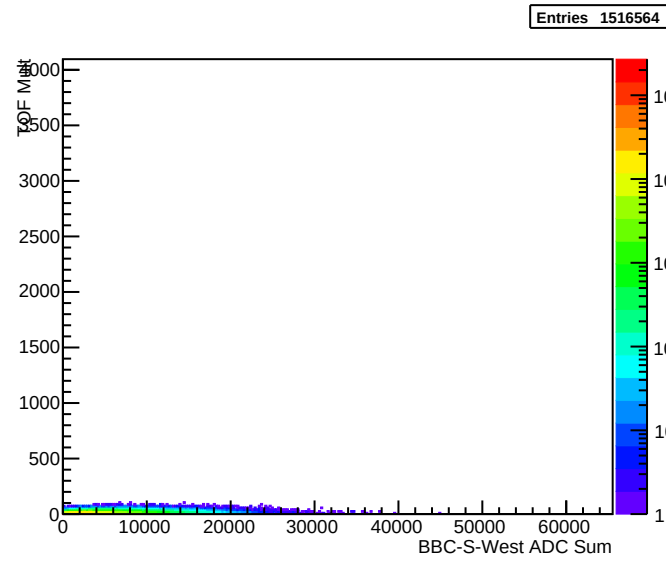
VT201 Input Ch4: VPD Adc Sum Th

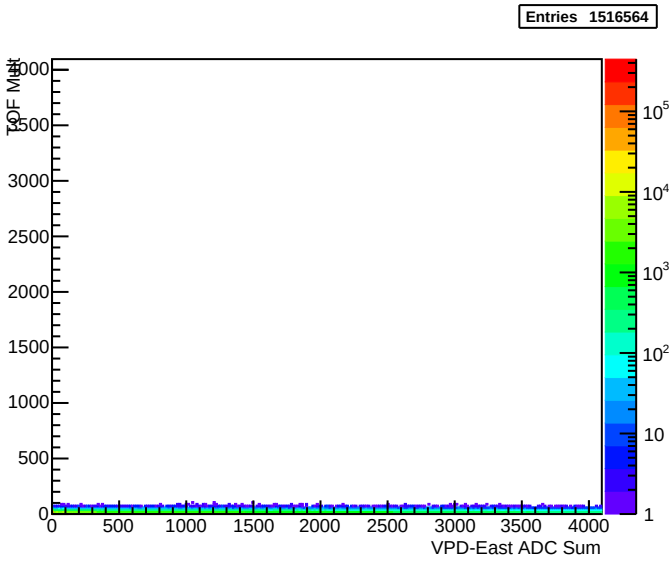


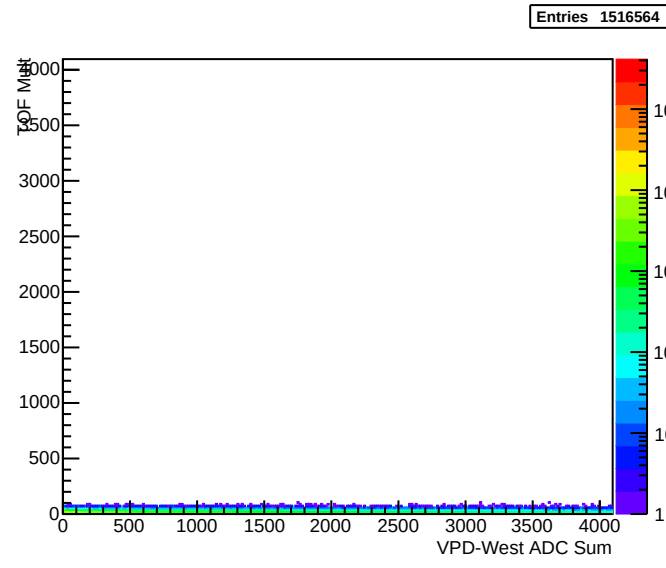
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

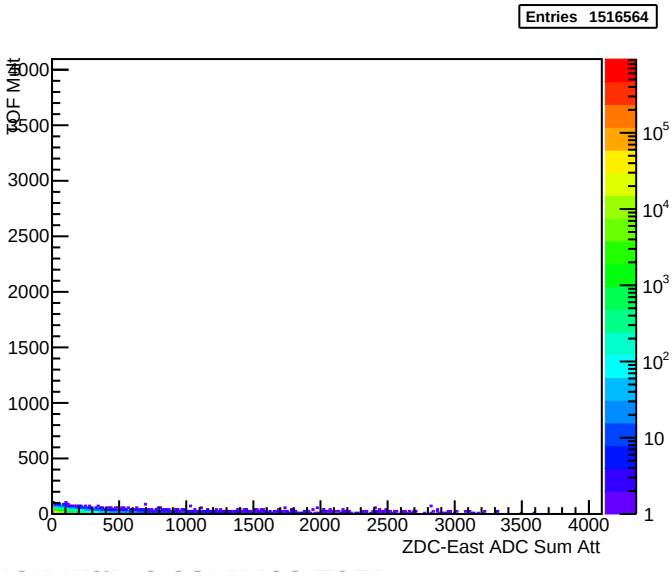


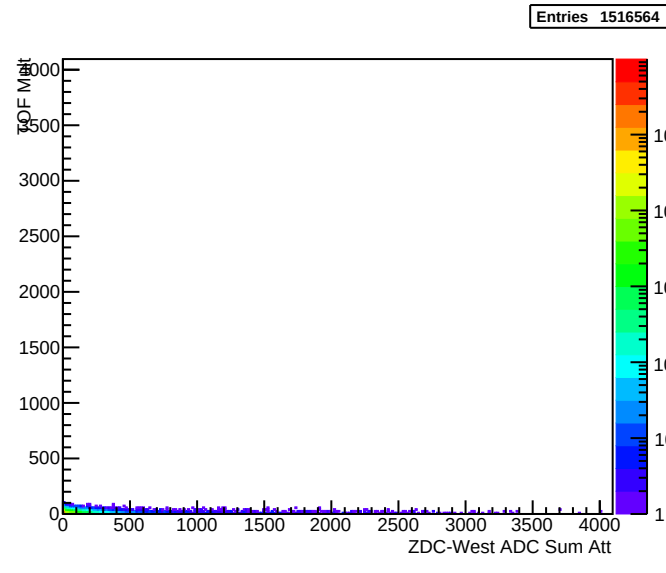

Entries 1516564
TOF Mult
BBC-S-East ADC Sum

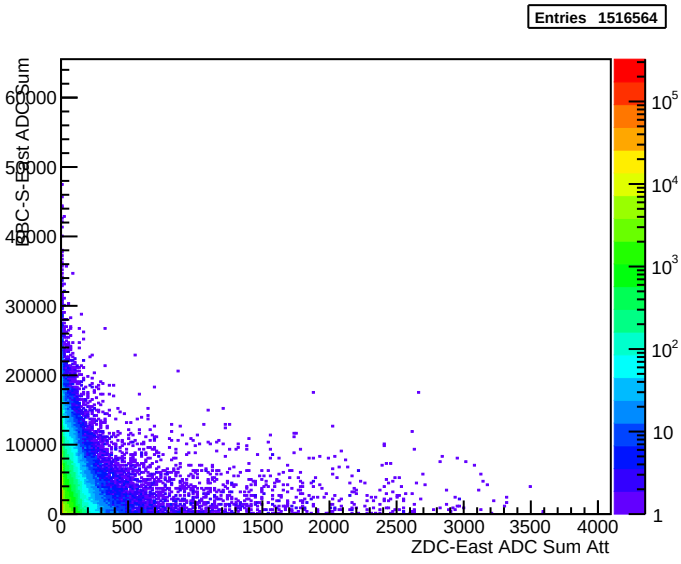

Entries 1516564
TOF Mult
BBC-S-West ADC Sum

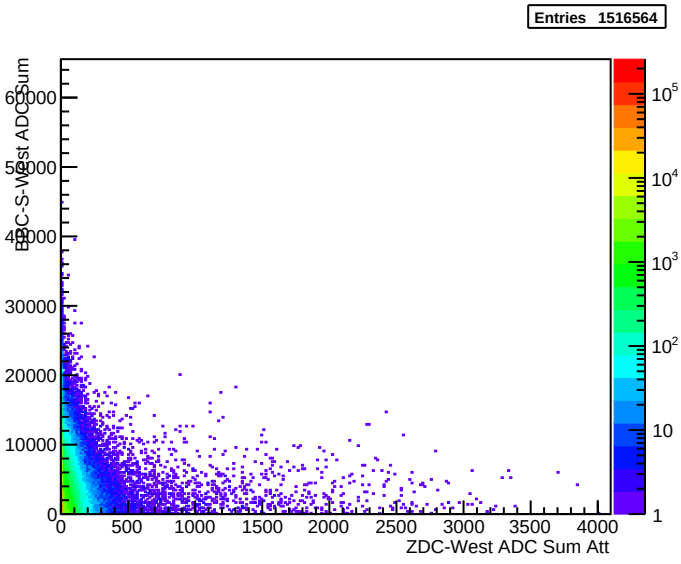

Entries 1516564
TOF Mult
VPD-East ADC Sum

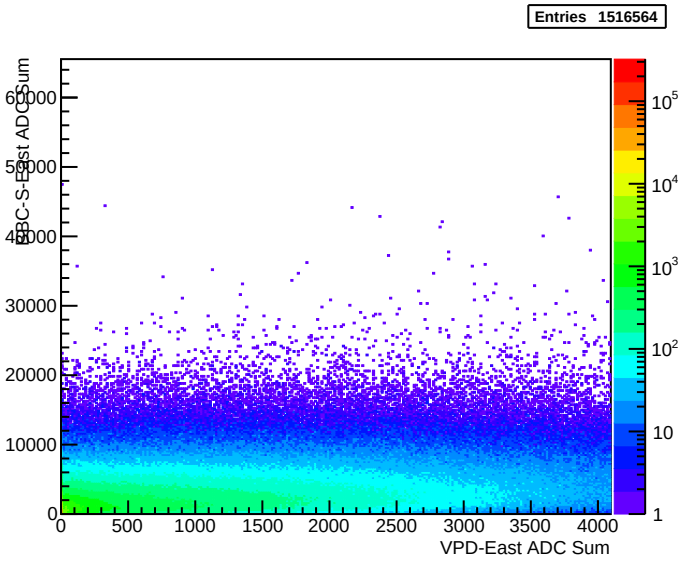

Entries 1516564
TOF Mult
VPD-West ADC Sum

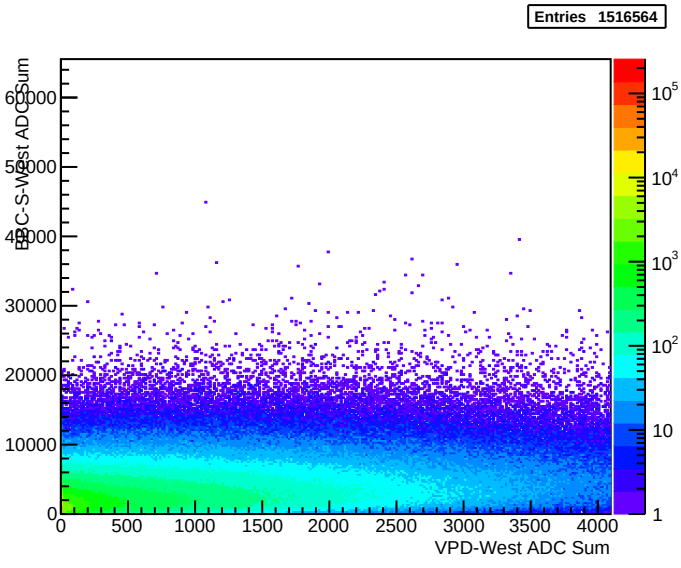

Entries 1516564
TOF Mult
ZDC-East ADC Sum Att

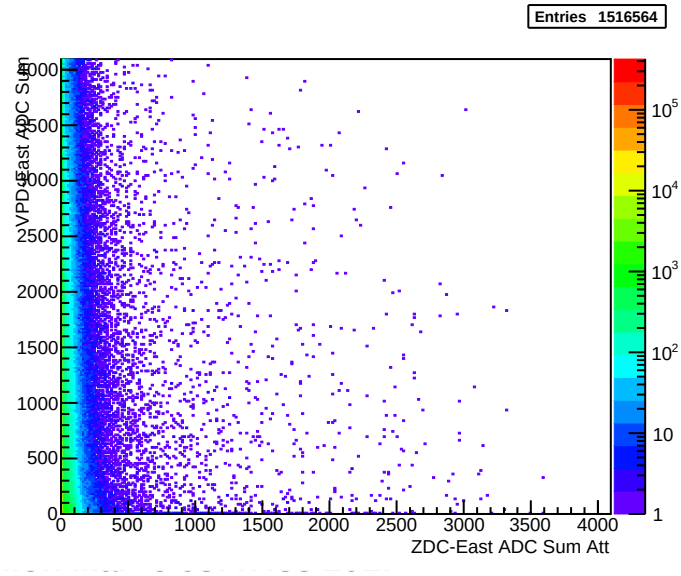

Entries 1516564
TOF Mult
ZDC-West ADC Sum Att

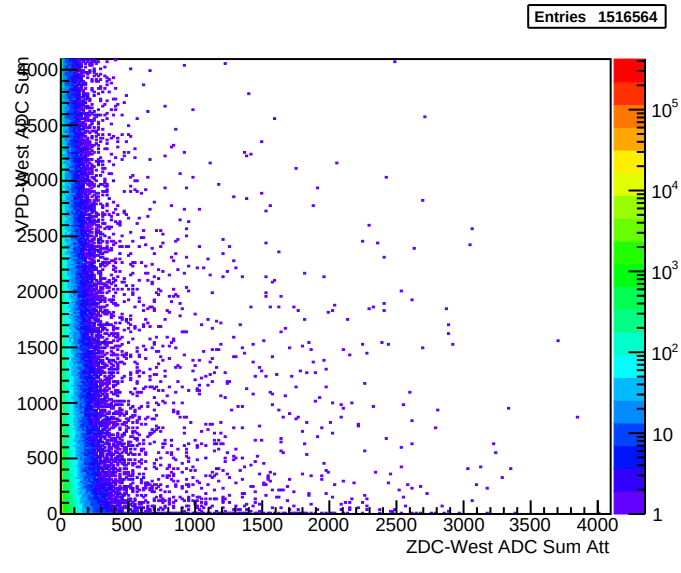

Entries 1516564
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

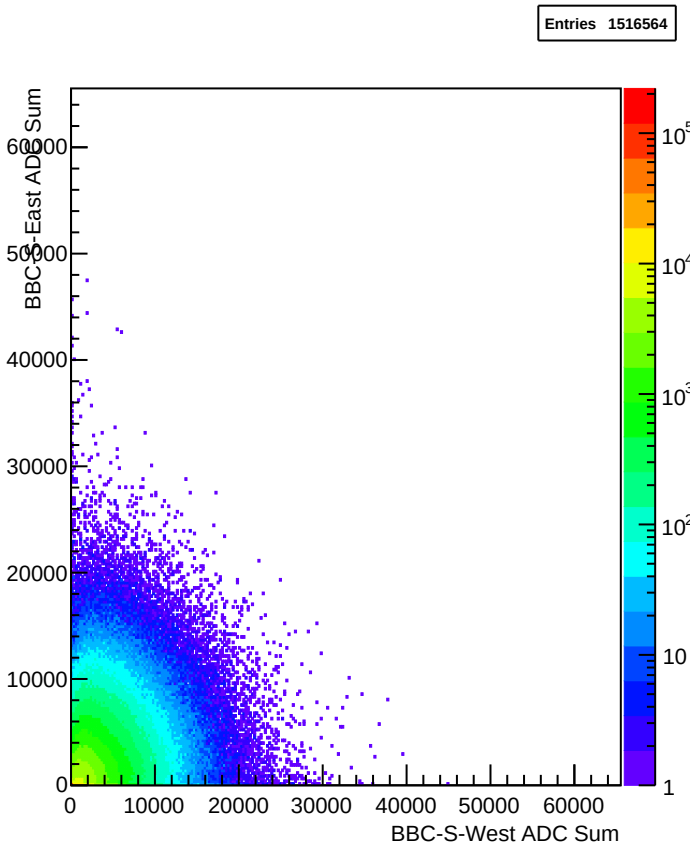

Entries 1516564
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

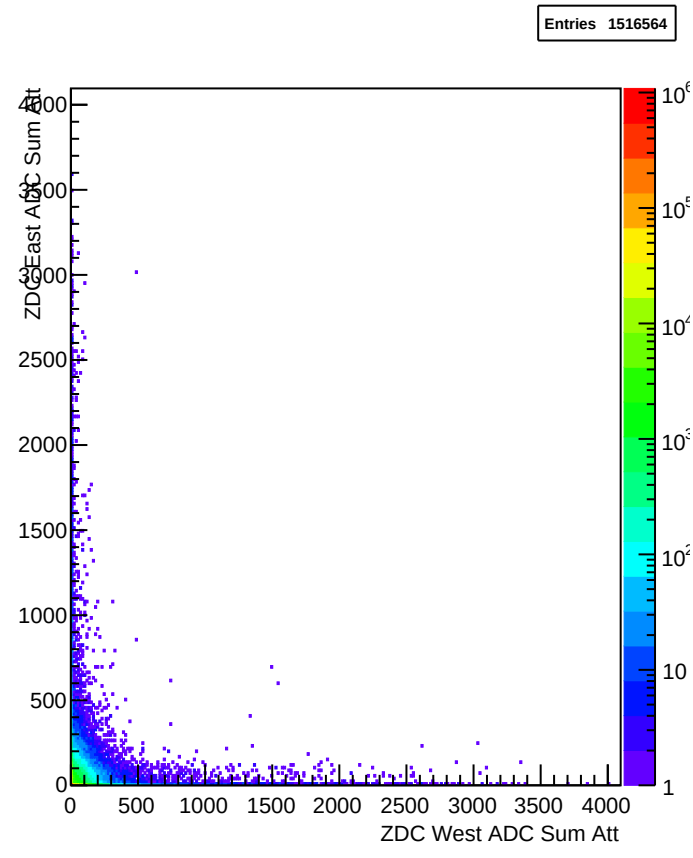

Entries 1516564
BBC-S-East ADC Sum
VPD-East ADC Sum

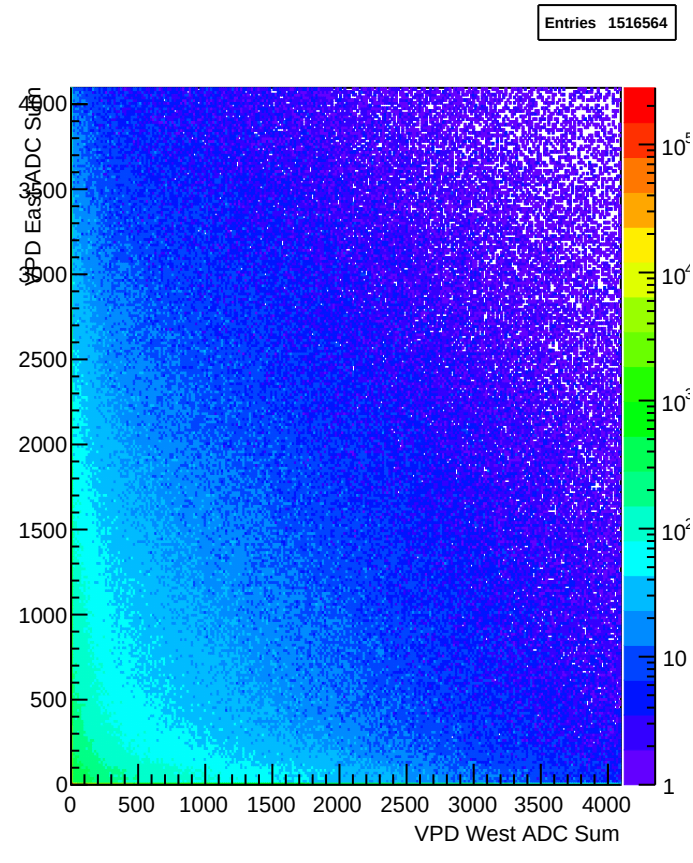

Entries 1516564
BBC-S-West ADC Sum
VPD-West ADC Sum

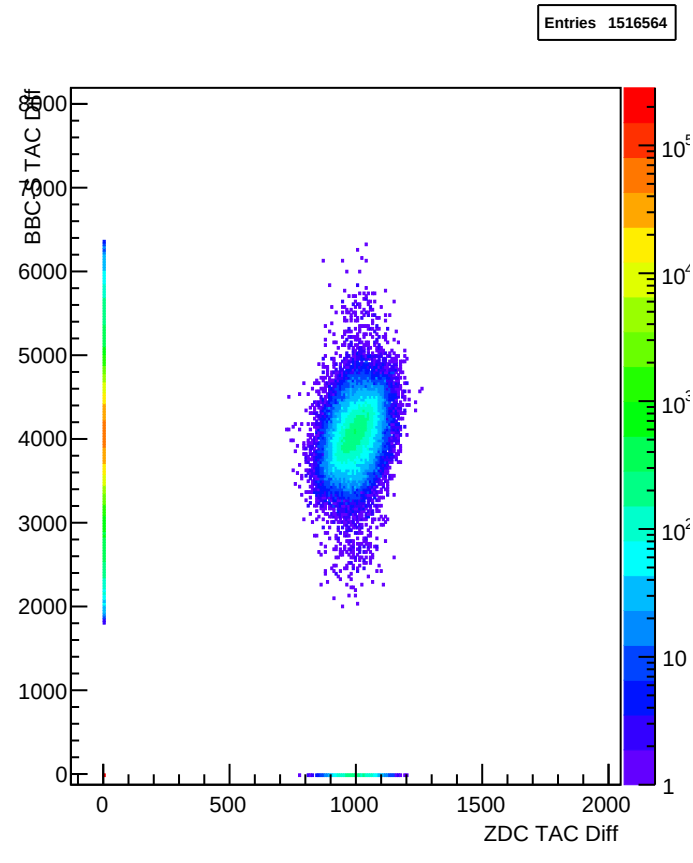

Entries 1516564
VPD-East ADC Sum
ZDC-East ADC Sum Att

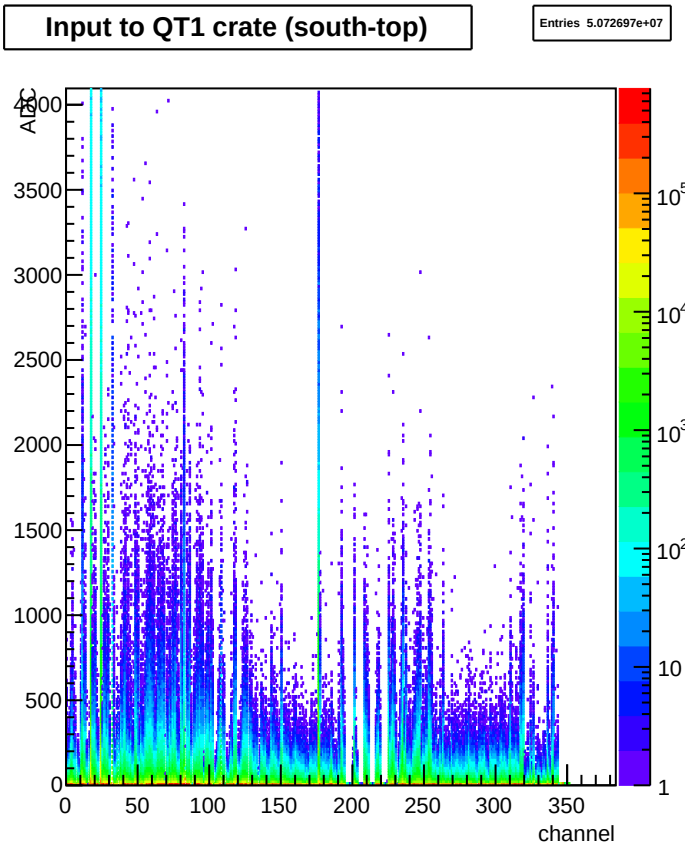

Entries 1516564
VPD-West ADC Sum
ZDC-West ADC Sum Att

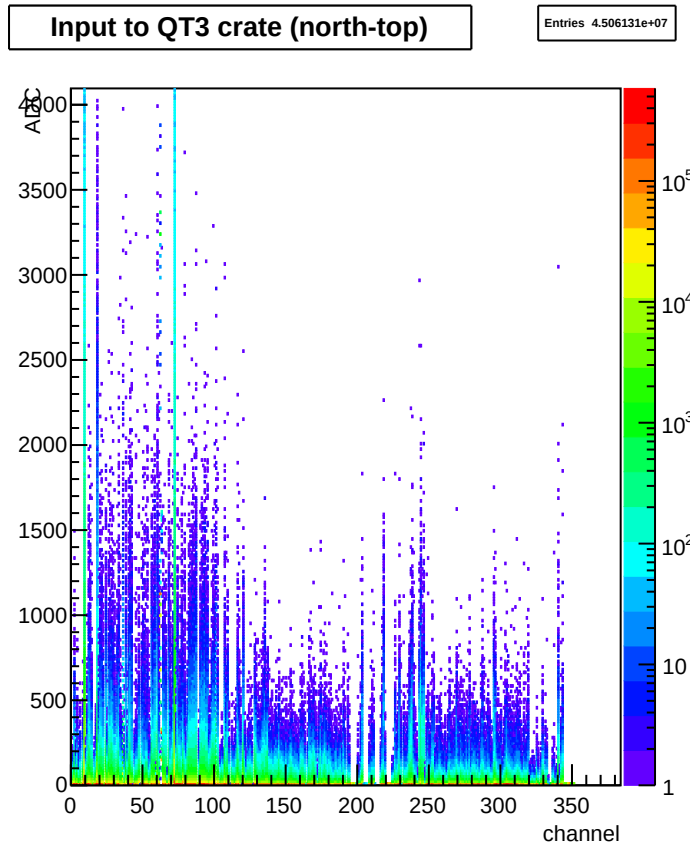

Entries 1516564
BBC-S-East ADC Sum
BBC-S-West ADC Sum

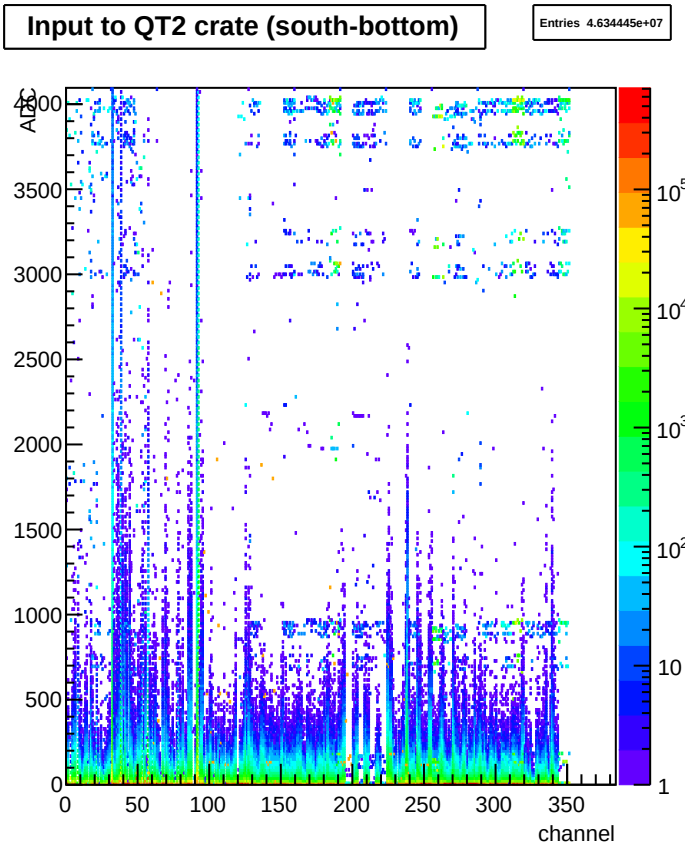

Entries 1516564
ZDC East ADC Sum Att
ZDC West ADC Sum Att

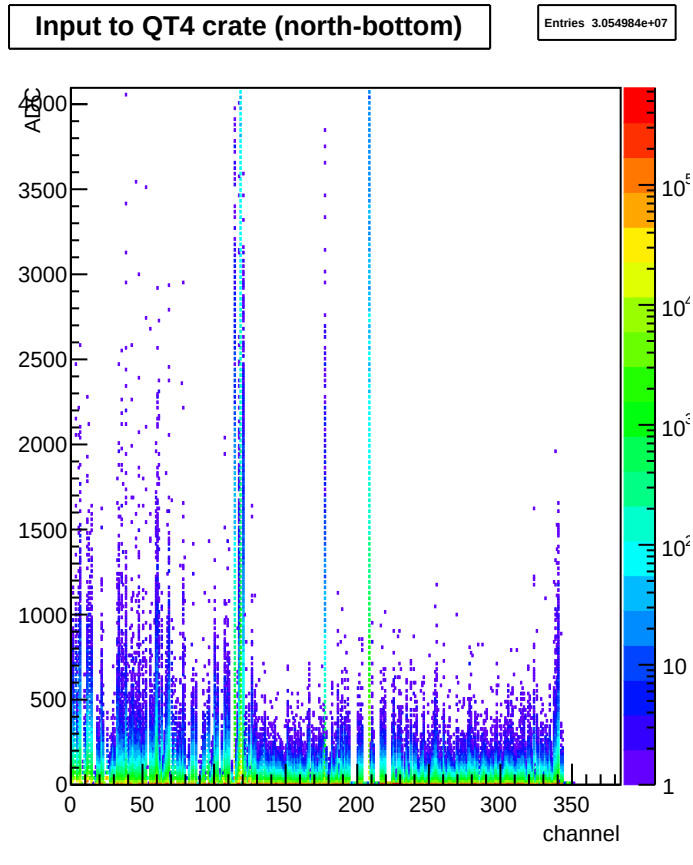

Entries 1516564
VPD East ADC Sum
VPD West ADC Sum

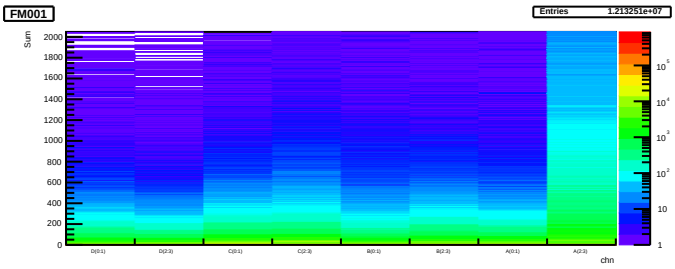

Entries 1516564
BBC-S TAC Diff
ZDC TAC Diff

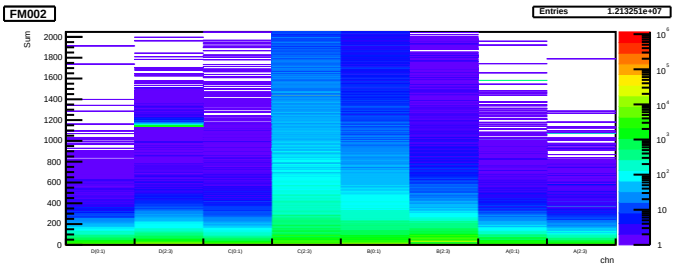

Input to QT1 crate (south-top)
Entries 5.072697e+07
ADC
channel

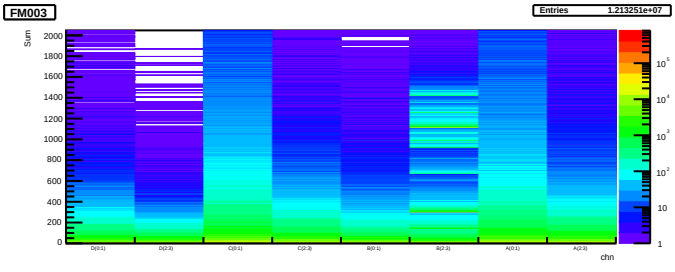

Input to QT3 crate (north-top)
Entries 4.506131e+07
ADC
channel

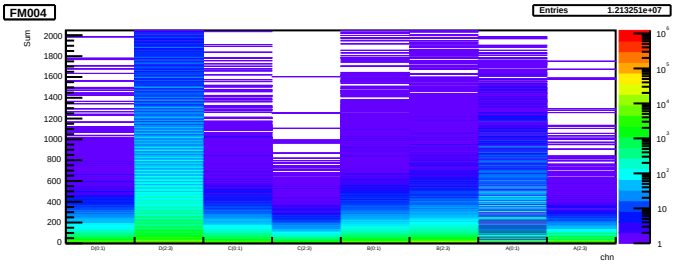

Input to QT2 crate (south-bottom)
Entries 4.634445e+07
ADC
channel

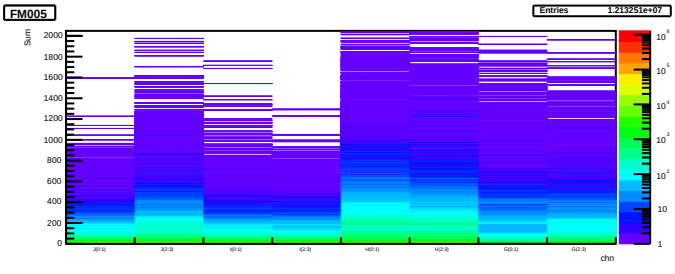

Input to QT4 crate (north-bottom)
Entries 3.054984e+07
ADC
channel

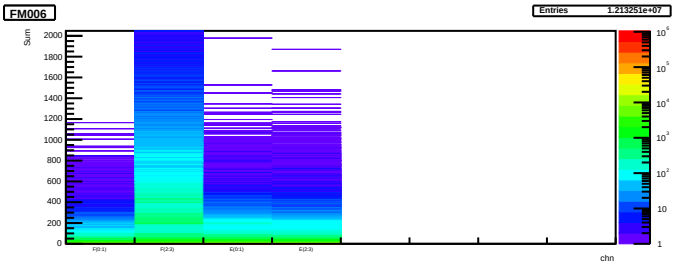

FM001
Entries 1.213251e+07
Sum
chn

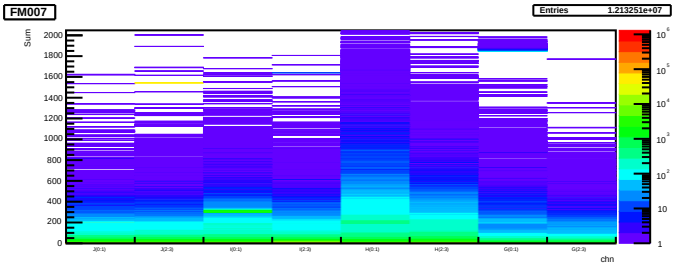

FM002
Entries 1.213251e+07
Sum
chn

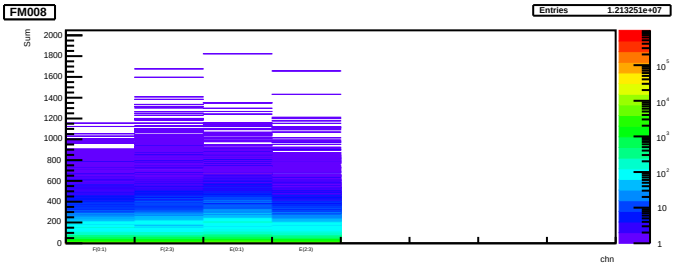

FM003
Entries 1.213251e+07
Sum
chn

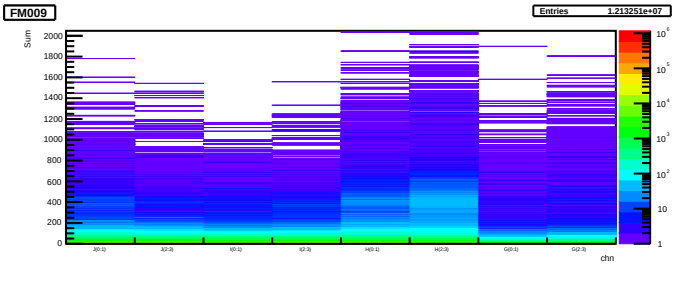

FM004
Entries 1.213251e+07
Sum
chn

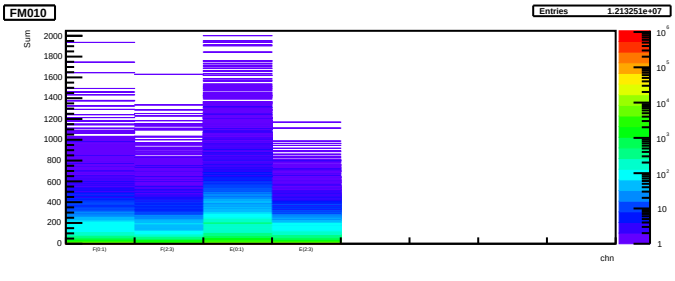

FM005
Entries 1.213251e+07
Sum
chn

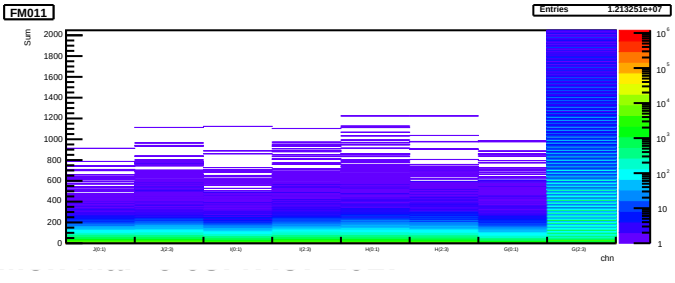

FM006
Entries 1.213251e+07
Sum
chn

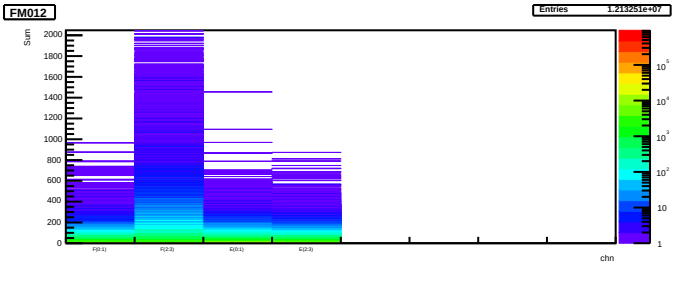

FM007
Entries 1.213251e+07
Sum
chn

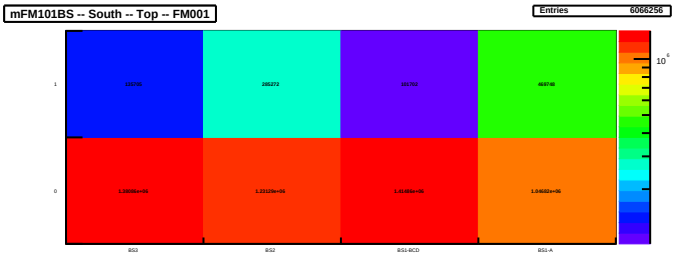

FM008
Entries 1.213251e+07
Sum
chn

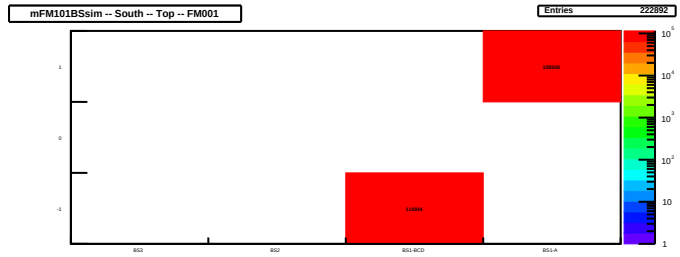

FM009
Entries 1.213251e+07
Sum
chn

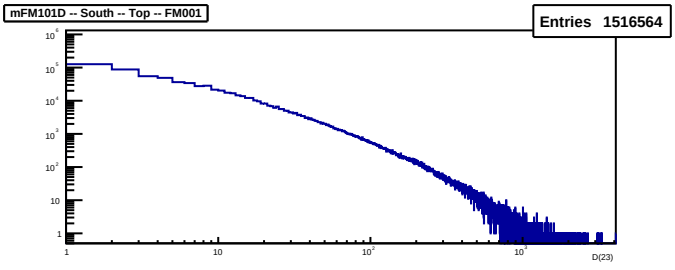

FM010
Entries 1.213251e+07
Sum
chn

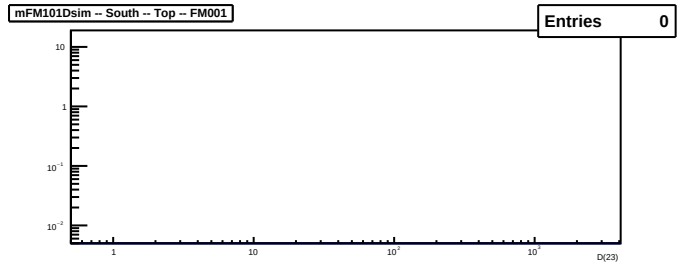

FM011
Entries 1.213251e+07
Sum
chn

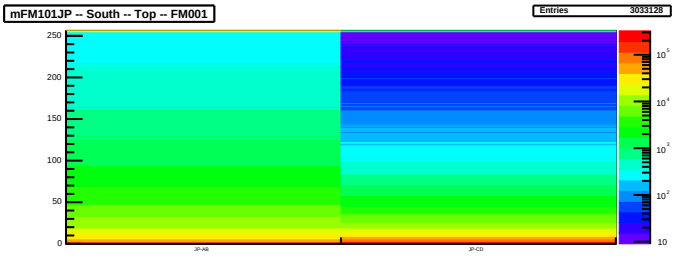

FM012
Entries 1.213251e+07
Sum
chn

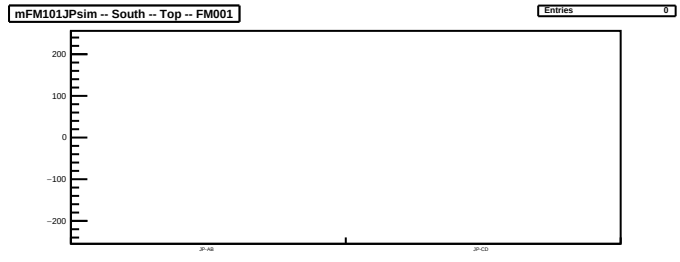

mFM101BS -- South -- Top -- FM001
Entries 6066256
BS3
BS2
BS1-BCD
BS1-A

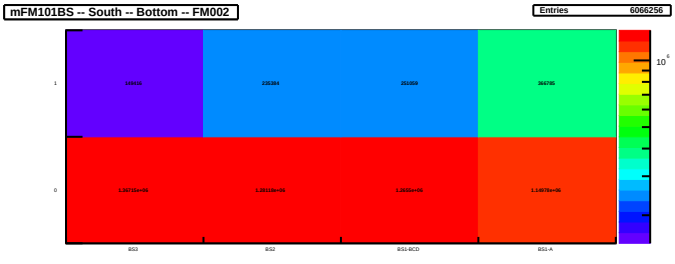

mFM101BSsim -- South -- Top -- FM001
Entries 222892
BS3
BS2
BS1-BCD
BS1-A

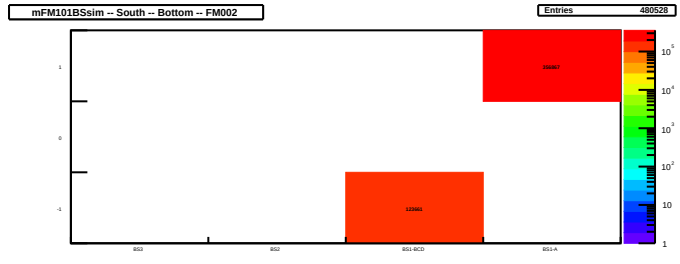

mFM101D -- South -- Top -- FM001
Entries 1516564
D(23)

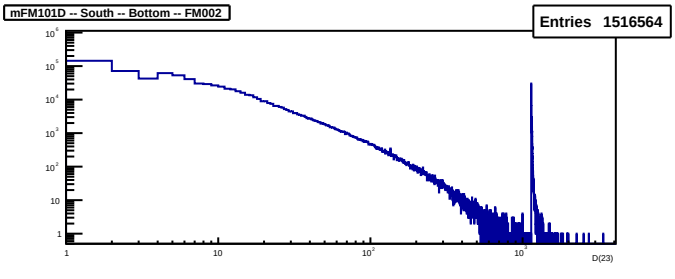

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

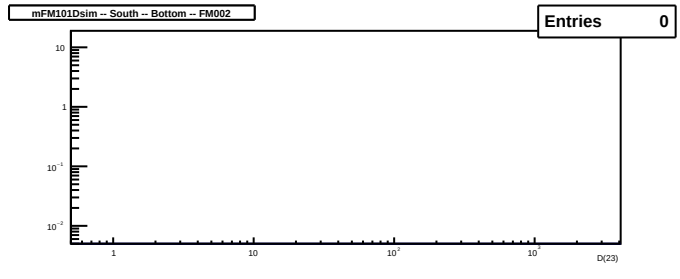

mFM101JP -- South -- Top -- FM001
Entries 3033128
JP-AB
JP-CD

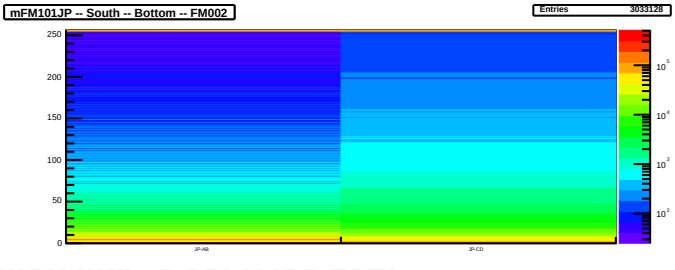

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

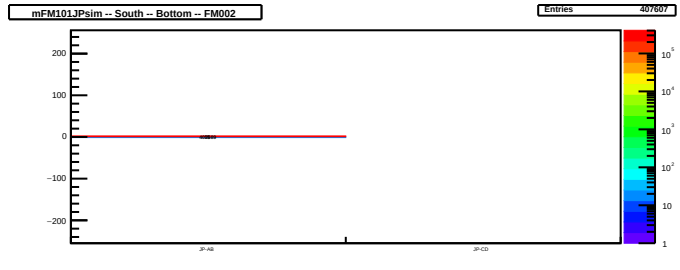

mFM101BS -- South -- Bottom -- FM002
Entries 6066256
BS3
BS2
BS1-BCD
BS1-A

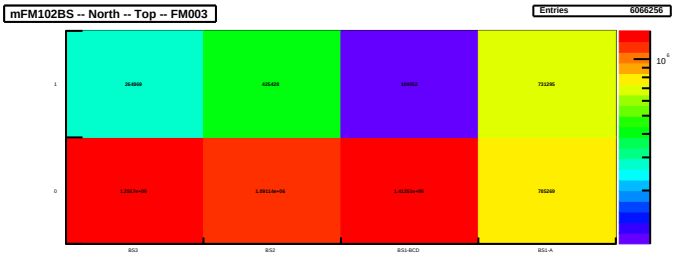

mFM101BSsim -- South -- Bottom -- FM002
Entries 480528
BS3
BS2
BS1-BCD
BS1-A

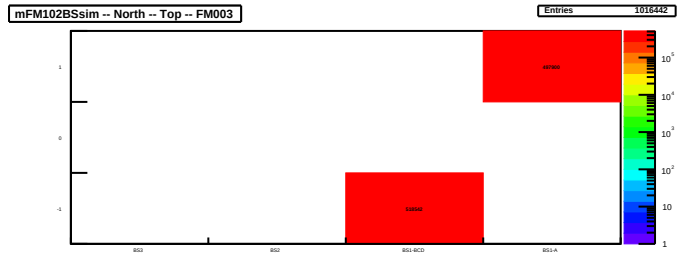

mFM101D -- South -- Bottom -- FM002
Entries 1516564
D(23)

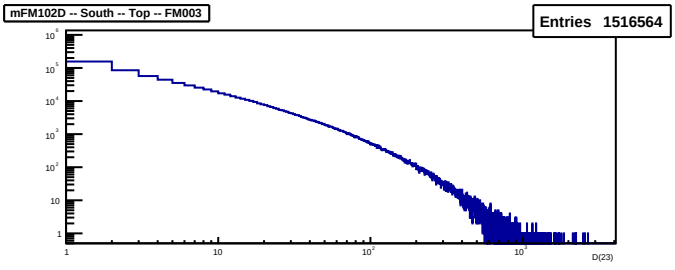

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

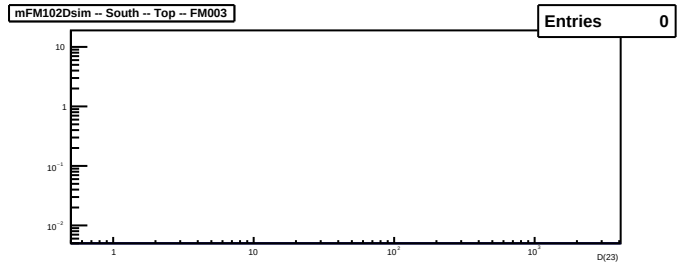

mFM101JP -- South -- Bottom -- FM002
Entries 3033128
JP-AB
JP-CD

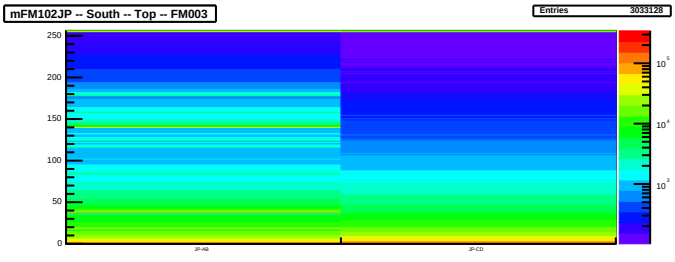

mFM101JPsim -- South -- Bottom -- FM002
Entries 407607
JP-AB
JP-CD

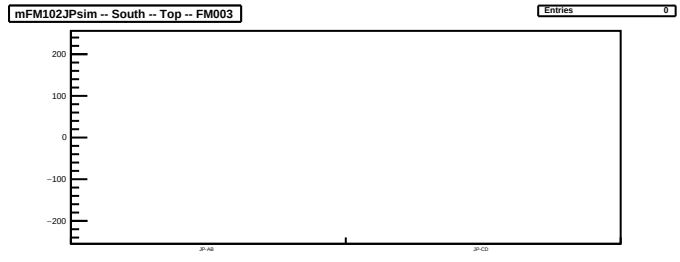

mFM102BS -- North -- Top -- FM003
Entries 6066256
BS3
BS2
BS1-BCD
BS1-A

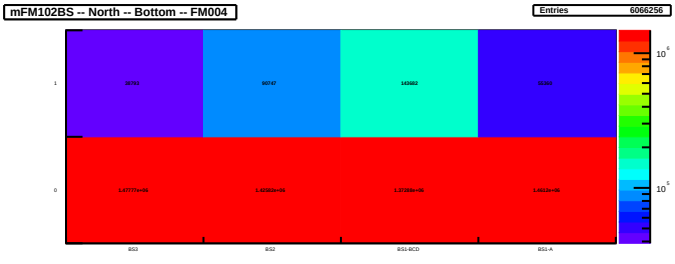

mFM102BSsim -- North -- Top -- FM003
Entries 1016442
BS3
BS2
BS1-BCD
BS1-A

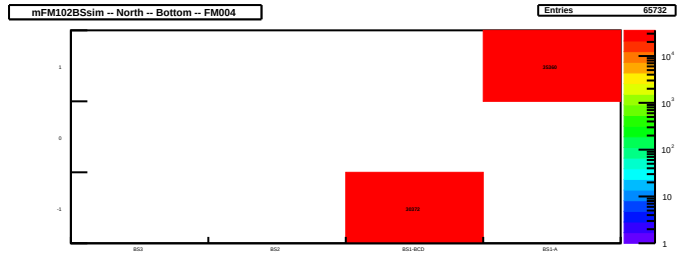

mFM102D -- South -- Top -- FM003
Entries 1516564
D(23)

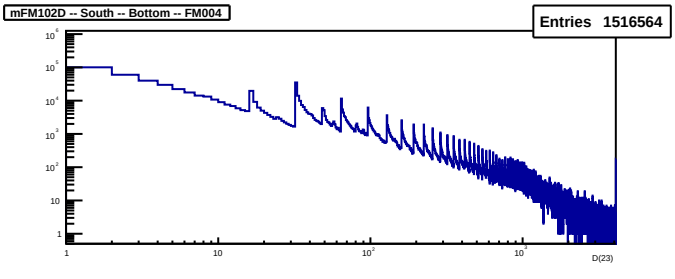

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

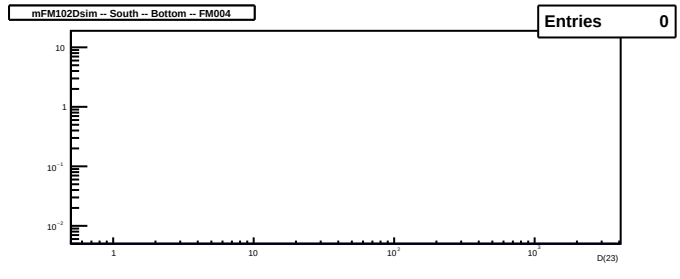

mFM102JP -- South -- Top -- FM003
Entries 3033128
JP-AB
JP-CD

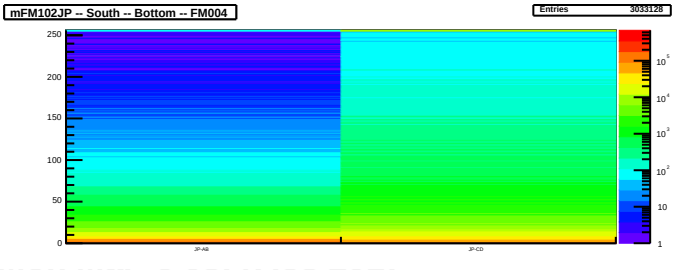

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

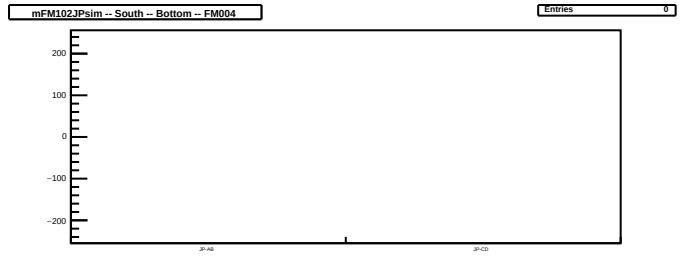

mFM102BS -- North -- Bottom -- FM004
Entries 6066256
BS3
BS2
BS1-BCD
BS1-A

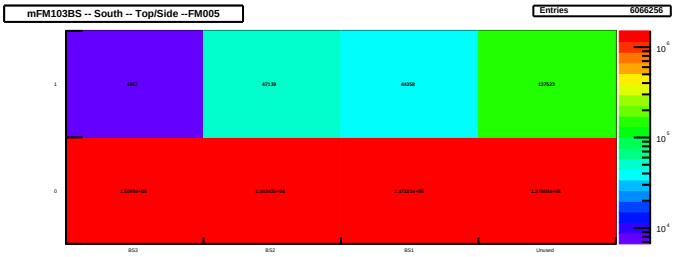

mFM102BSsim -- North -- Bottom -- FM004
Entries 65732
BS3
BS2
BS1-BCD
BS1-A

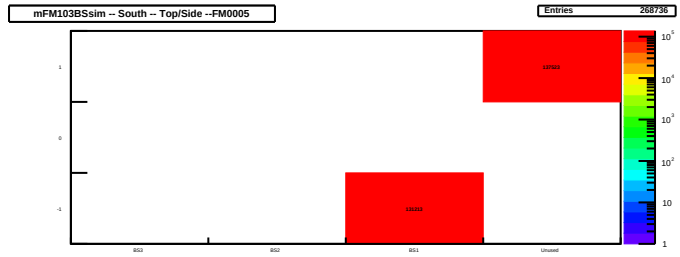

mFM102D -- South -- Bottom -- FM004
Entries 1516564
D(23)

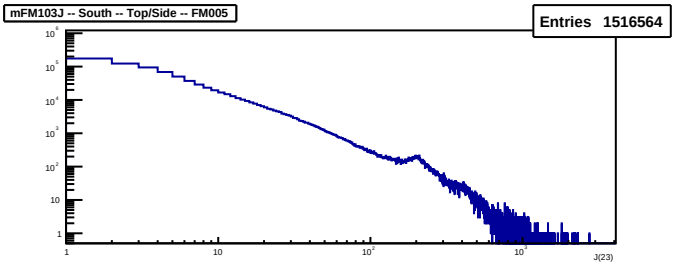

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

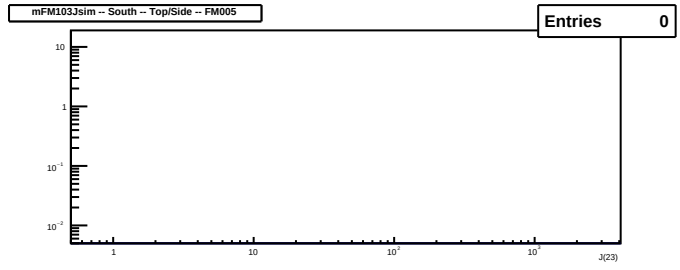

mFM102JP -- South -- Bottom -- FM004
Entries 3033128
JP-AB
JP-CD

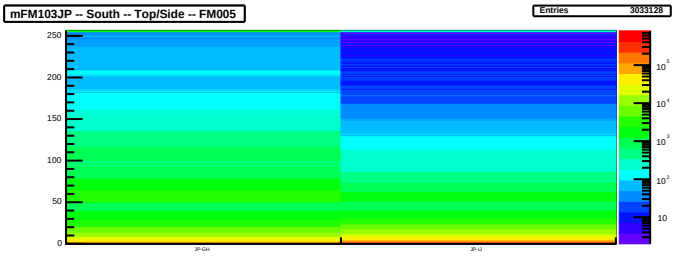

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 6066256
4447
47139
44258
137523
1.5098e+06
1.46942e+06
1.47223e+06
1.37604e+06
BS3
BS2
BS1
Unused

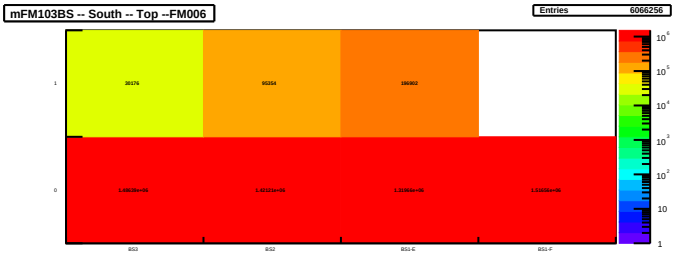

mFM103BSsim -- South -- Top/Side --FM0005
Entries 268736
137523
131213
BS3
BS2
BS1
Unused

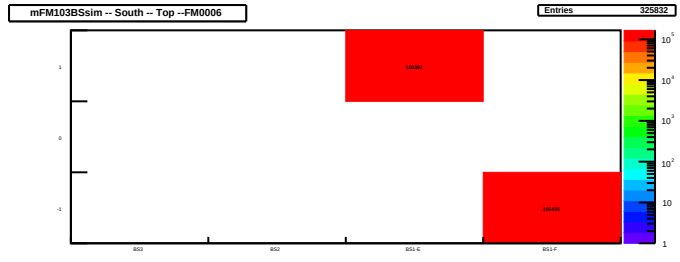

mFM103J -- South -- Top/Side -- FM005
Entries 1516564
J(23)

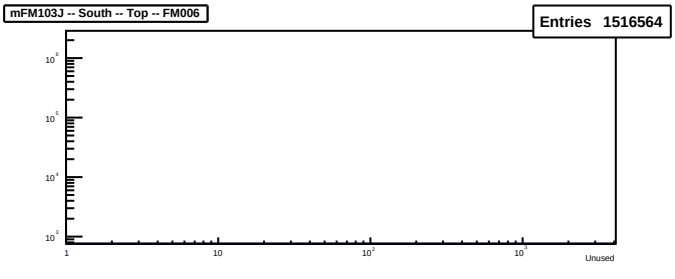

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

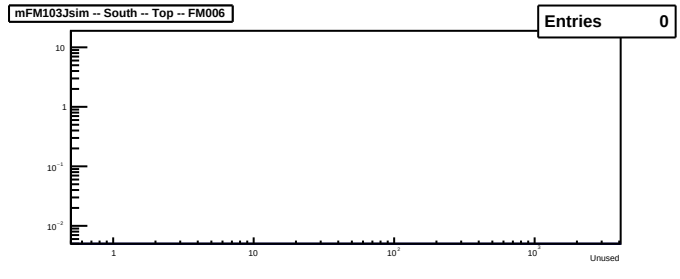

mFM103JP -- South -- Top/Side -- FM005
Entries 3033128
JP-GH
JP-IJ

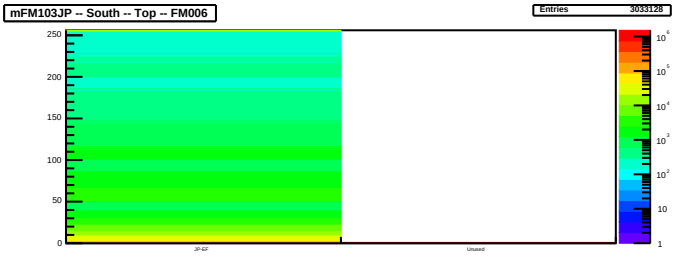
mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

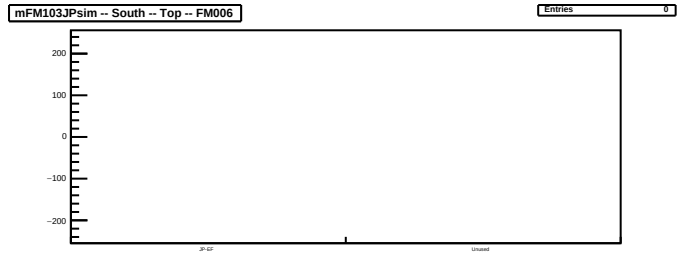

mFM103BS -- South -- Top --FM006
Entries 6066256
36176
95354
169902
1.08039e+06
1.42121e+06
1.31904e+06
1.51658e+06
BS3
BS2
BS1-E
BS1-F

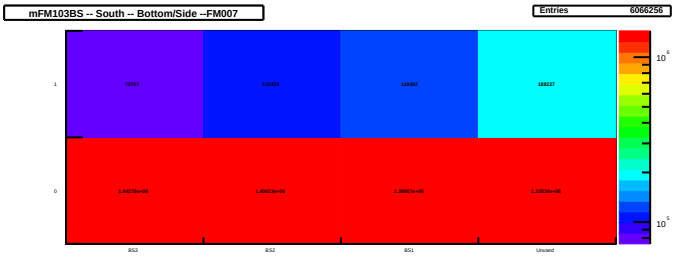

mFM103BSsim -- South -- Top --FM0006
Entries 325832
169397
156435
BS3
BS2
BS1-E
BS1-F

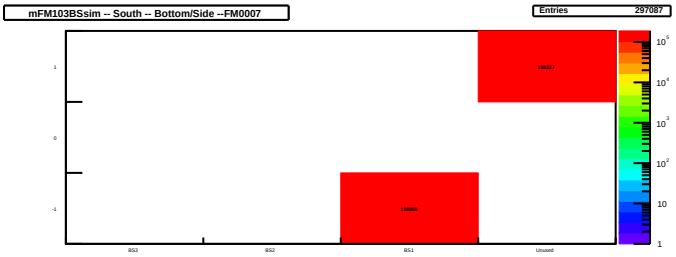

mFM103J -- South -- Top -- FM006
Entries 1516564
Unused

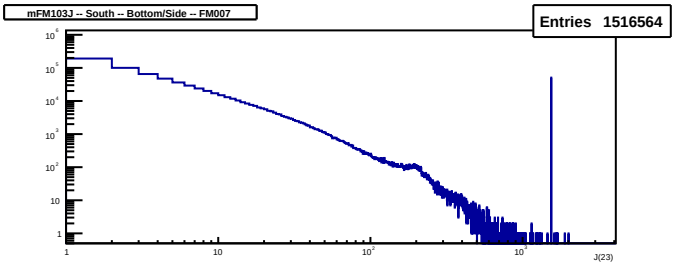

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

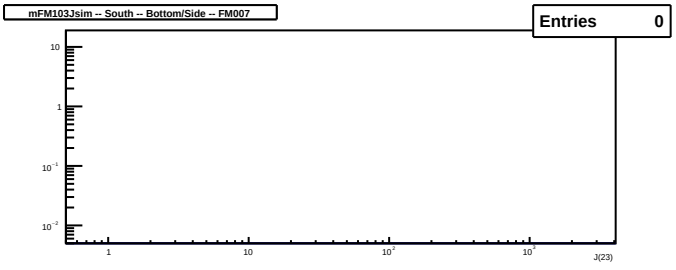

mFM103JP -- South -- Top -- FM006
Entries 3033128
JP-EF
Unused

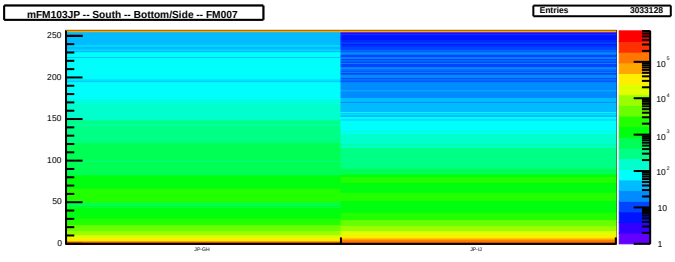

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

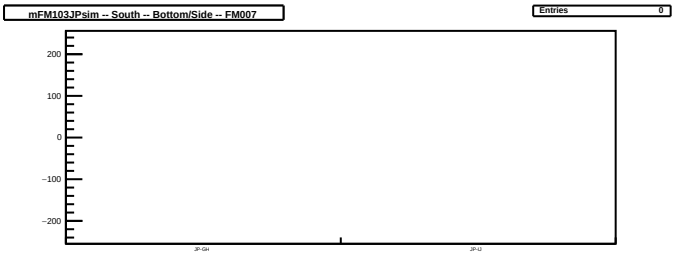

mFM103BS -- South -- Bottom/Side --FM007
Entries 6066256
72787
151221
159492
169227
1.64279e+06
1.49922e+06
1.36657e+06
1.32634e+06
BS3
BS2
BS1
Unused

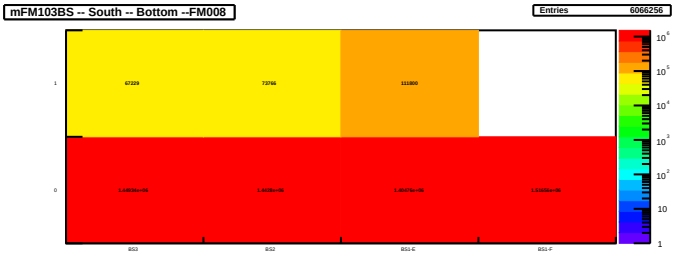

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 297087
169227
103860
BS3
BS2
BS1
Unused

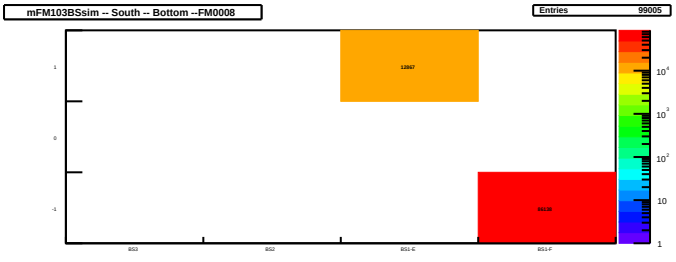

mFM103J -- South -- Bottom/Side -- FM007
Entries 1516564
J(23)

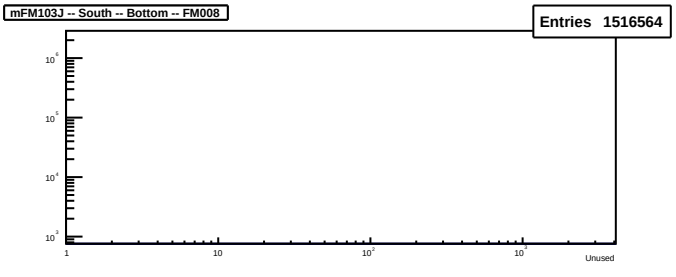

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

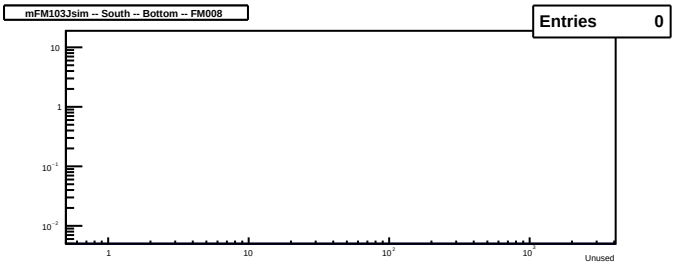

mFM103JP -- South -- Bottom/Side -- FM007
Entries 3033128
JP-GH
JP-IJ

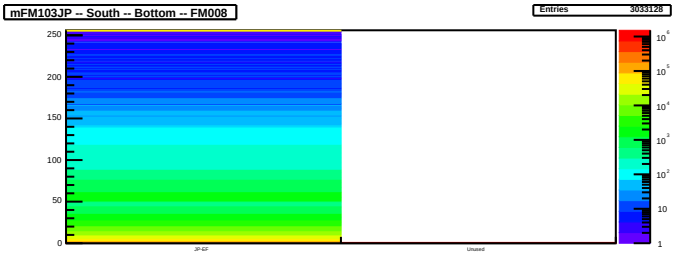

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

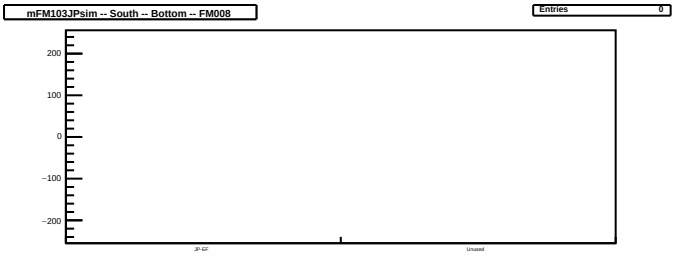

mFM103BS -- South -- Bottom --FM008
Entries 6066256
67229
73766
111800
1.69534e+06
1.6426e+06
1.40476e+06
1.51656e+06
BS3
BS2
BS1-E
BS1-F

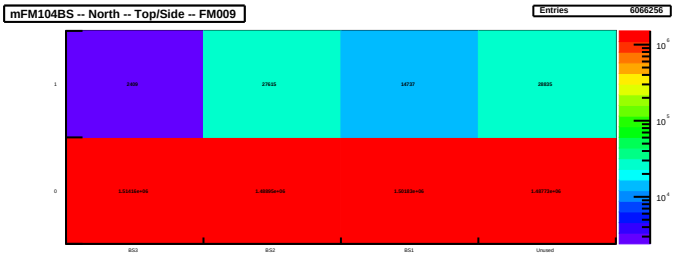

mFM103BSsim -- South -- Bottom --FM0008
Entries 99005
12867
86138
BS3
BS2
BS1-E
BS1-F

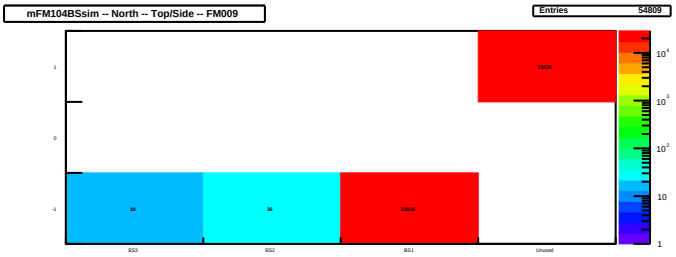

mFM103J -- South -- Bottom -- FM008
Entries 1516564
Unused

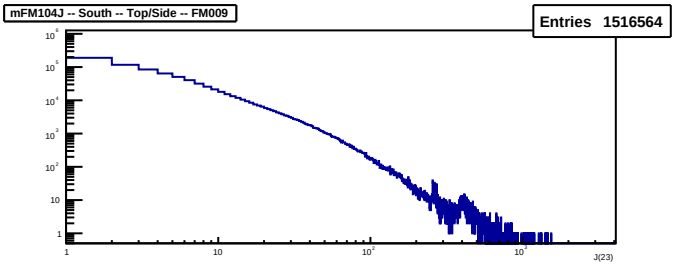

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

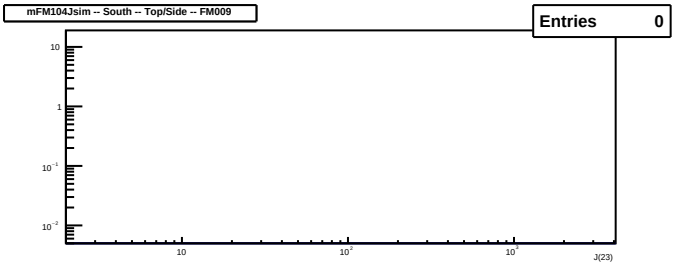

mFM103JP -- South -- Bottom -- FM008
Entries 3033128
JP-EF
Unused

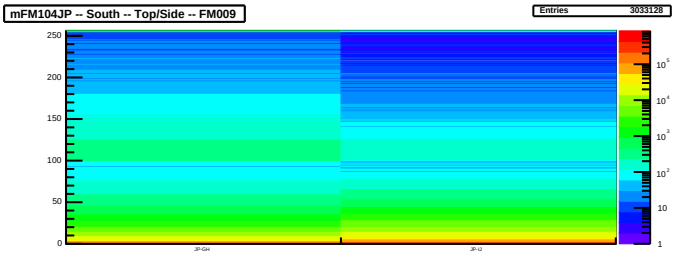

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

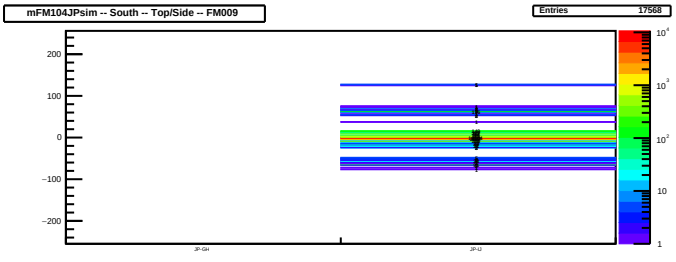

mFM104BS -- North -- Top/Side -- FM009
Entries 6066256
BS3
BS2
BS1
Unused

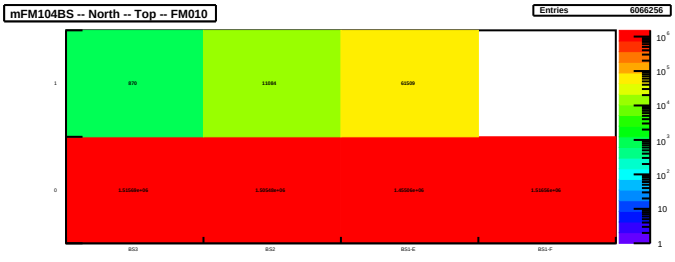

mFM104BSsim -- North -- Top/Side -- FM009
Entries 54809
BS3
BS2
BS1
Unused

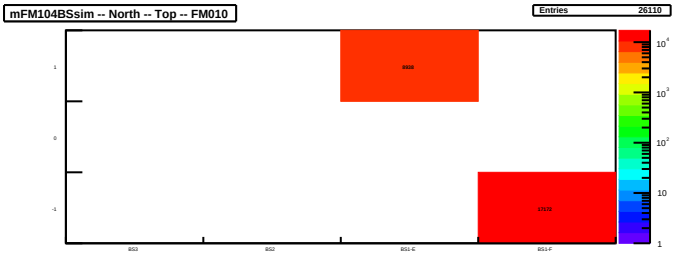

mFM104J -- South -- Top/Side -- FM009
Entries 1516564
J(23)

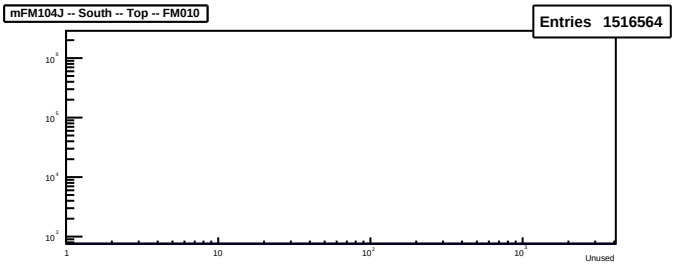

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

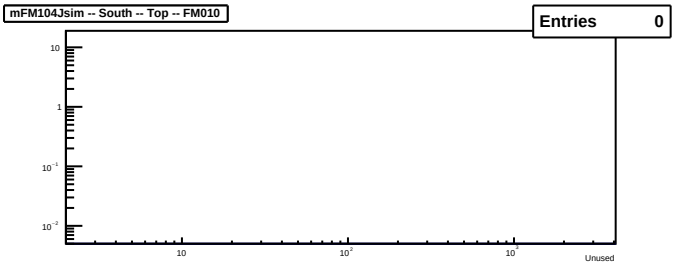

mFM104JP -- South -- Top/Side -- FM009
Entries 3033128
JP-GH
JP-IJ

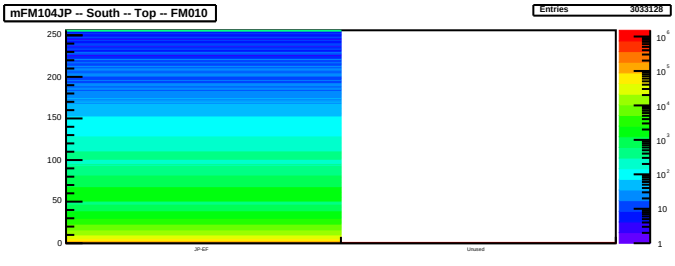

mFM104JPsim -- South -- Top/Side -- FM009
Entries 17568
JP-GH
JP-IJ

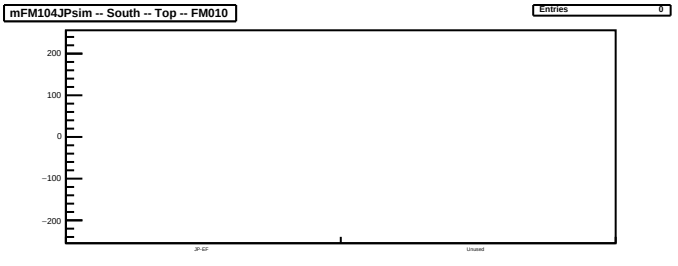

mFM104BS -- North -- Top -- FM010
Entries 6066256
BS3
BS2
BS1-E
BS1-F

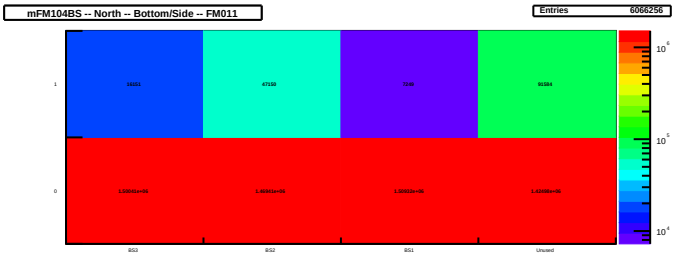

mFM104BSsim -- North -- Top -- FM010
Entries 26110
BS3
BS2
BS1-E
BS1-F

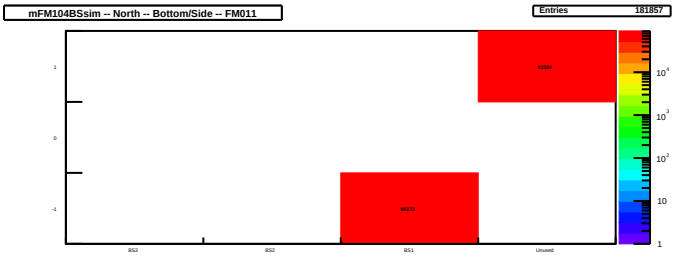

mFM104J -- South -- Top -- FM010
Entries 1516564
Unused

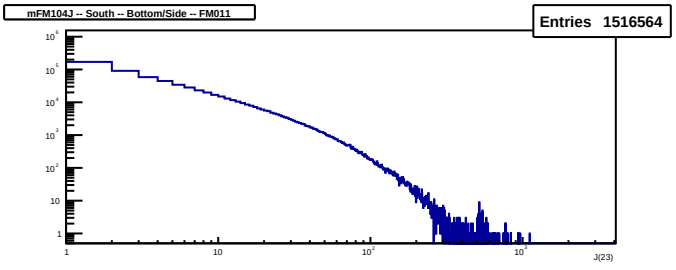

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

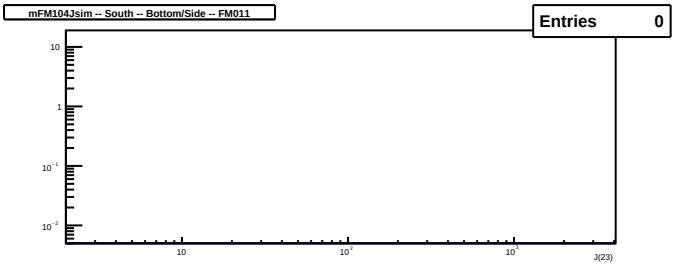

mFM104JP -- South -- Top -- FM010
Entries 3033128
JP-EF
Unused

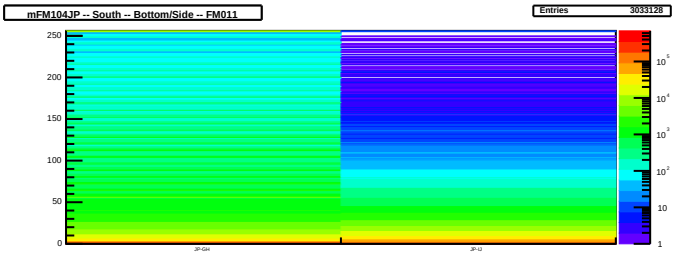

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

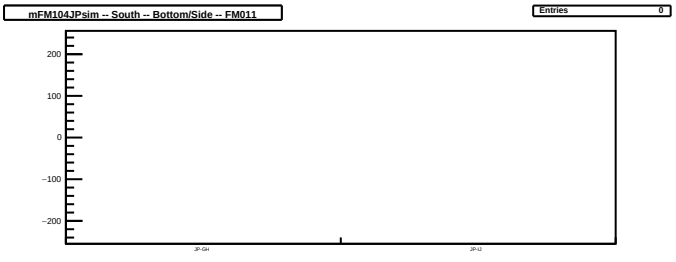

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6066256
14151
47158
72410
91584
1.50041e+06
1.46941e+06
1.50032e+06
1.42468e+06
BS3
BS2
BS1
Unused

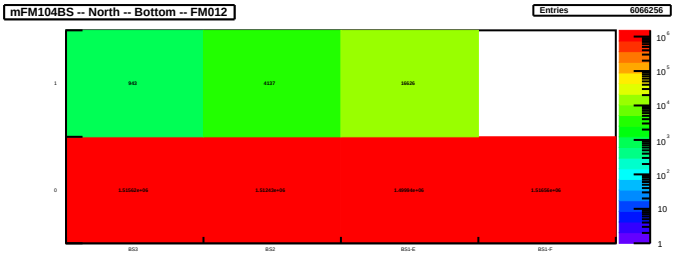

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 181857
91584
90273
BS3
BS2
BS1
Unused

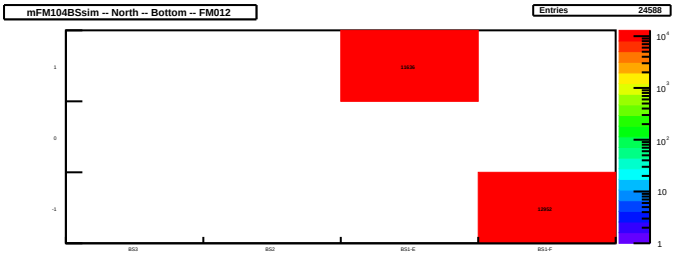

mFM104J -- South -- Bottom/Side -- FM011
Entries 1516564
J(23)

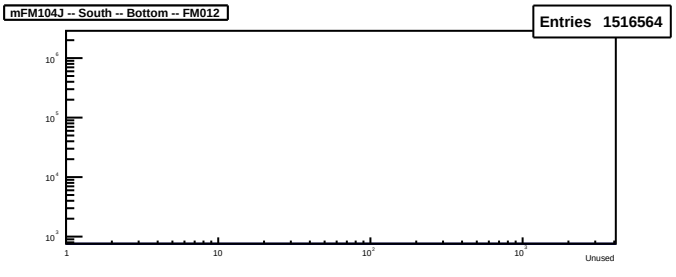

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

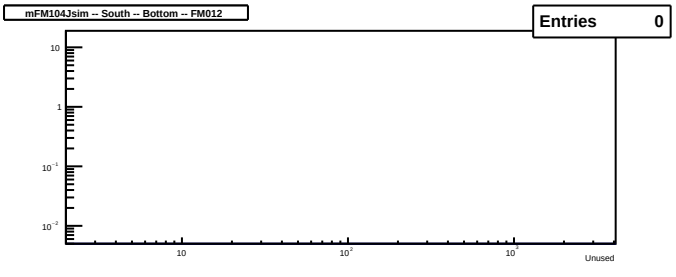

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3033128
JP-GH
JP-IJ

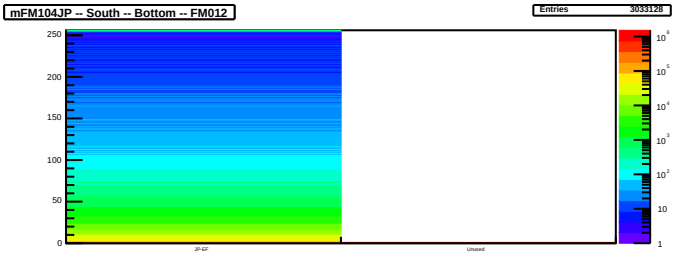

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 6066256
945
4137
16626
1.51562e+06
1.51243e+06
1.49994e+06
1.51656e+06
BS3
BS2
BS1-E
BS1-F

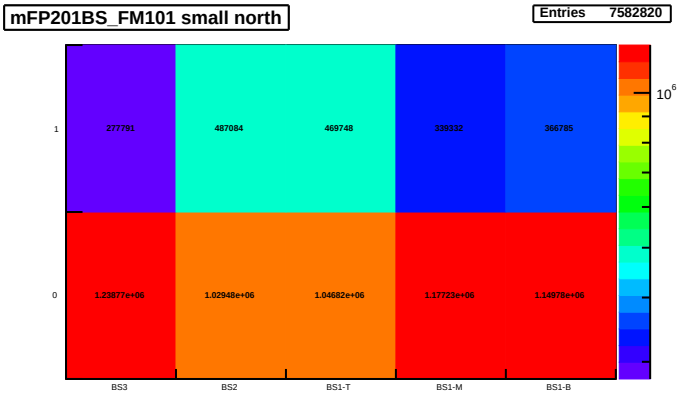

mFM104BSsim -- North -- Bottom -- FM012
Entries 24588
11636
12952
BS3
BS2
BS1-E
BS1-F

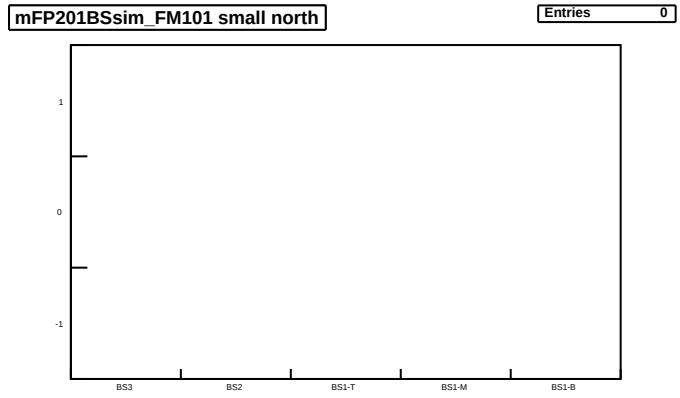

mFM104J -- South -- Bottom -- FM012
Entries 1516564
Unused

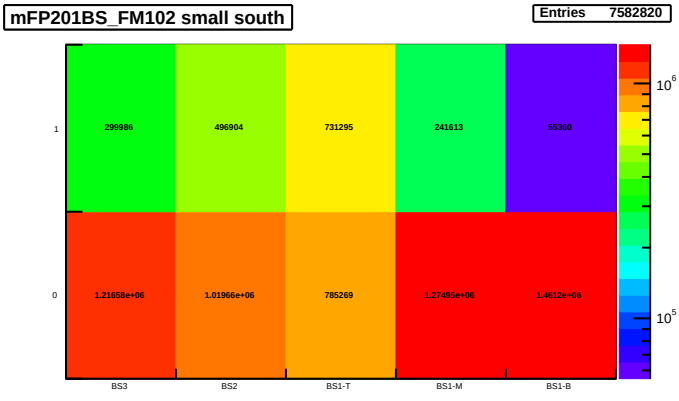

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

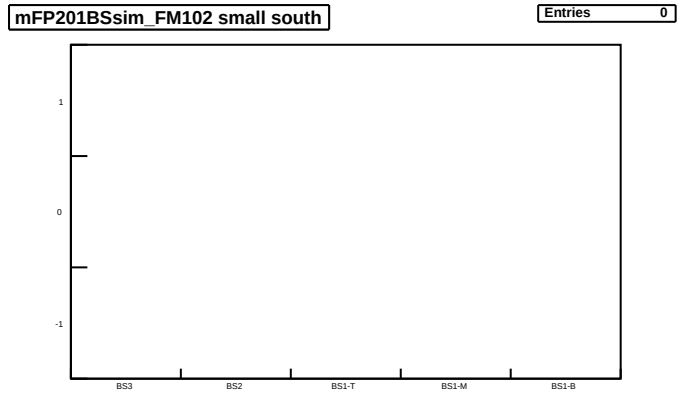

mFM104JP -- South -- Bottom -- FM012
Entries 3033128
JP-EF
Unused

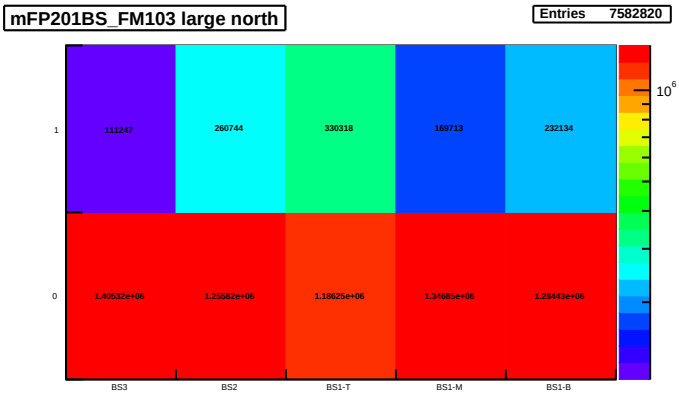
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

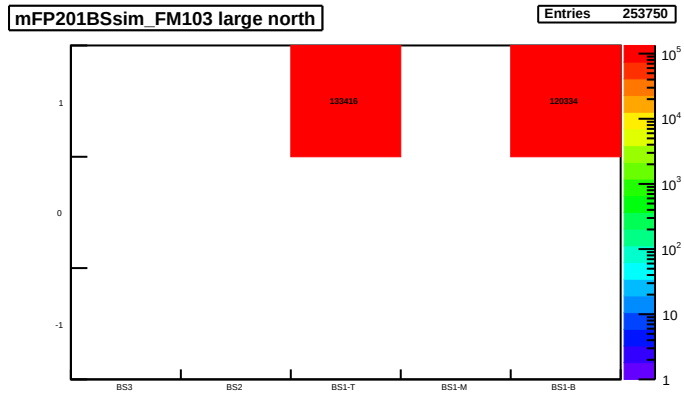

mFP201BS_FM101 small north
Entries 7582820
277791
487084
469748
339332
366785
1.23877e+06
1.02948e+06
1.04682e+06
1.17723e+06
1.14978e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

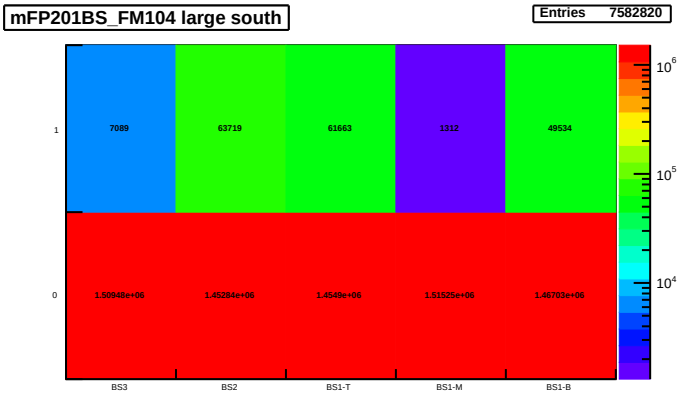

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

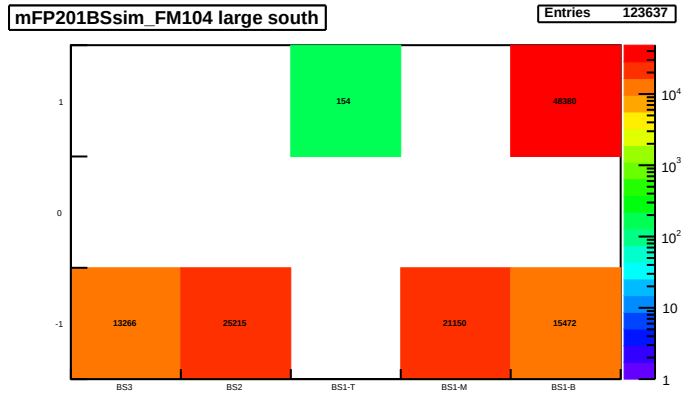

mFP201BS_FM102 small south
Entries 7582820
299986
496904
731295
241613
55360
1.21658e+06
1.01966e+06
785269
1.27495e+06
1.4612e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

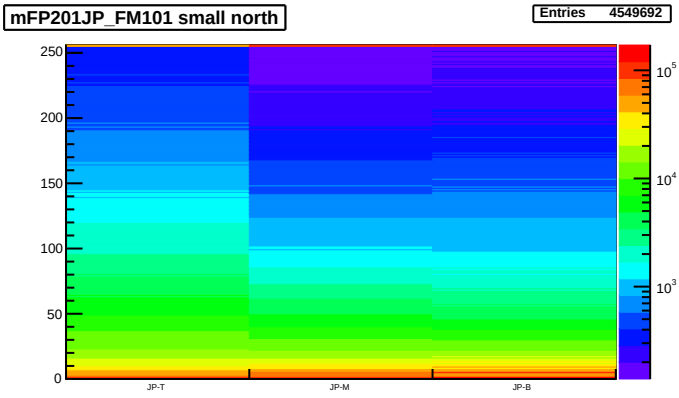

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

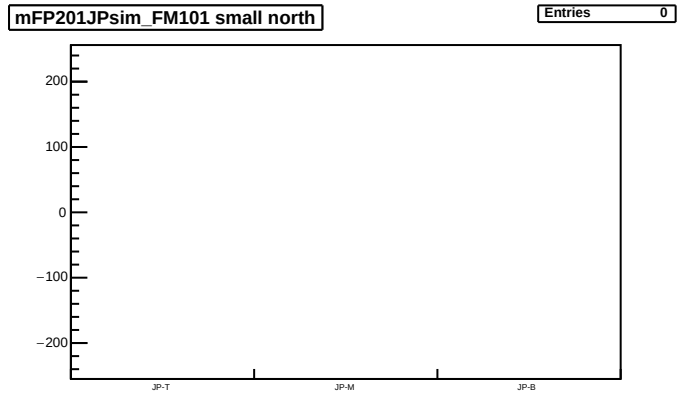

mFP201BS_FM103 large north
Entries 7582820
111247
260744
330318
169713
232134
1.40532e+06
1.25582e+06
1.18625e+06
1.34685e+06
1.28443e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

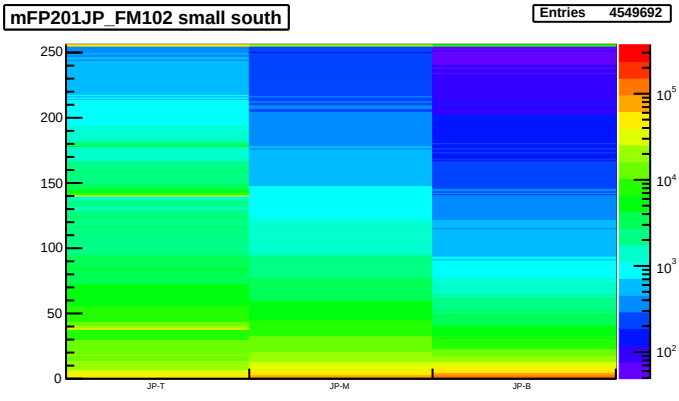

mFP201BSsim_FM103 large north
Entries 253750
133416
120334
BS3
BS2
BS1-T
BS1-M
BS1-B

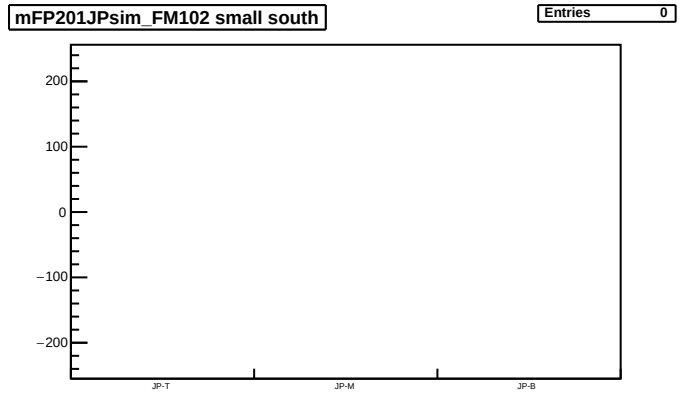

mFP201BS_FM104 large south
Entries 7582820
7089
63719
61663
1312
49534
1.50948e+06
1.45284e+06
1.4549e+06
1.51525e+06
1.46703e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

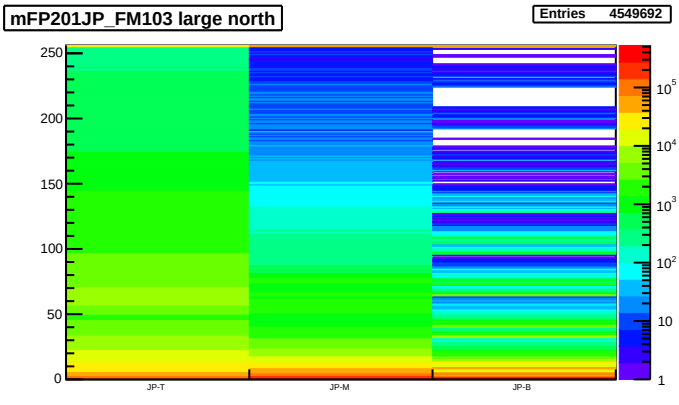

mFP201BSsim_FM104 large south
Entries 123637
154
48380
13266
25215
21150
15472
BS3
BS2
BS1-T
BS1-M
BS1-B

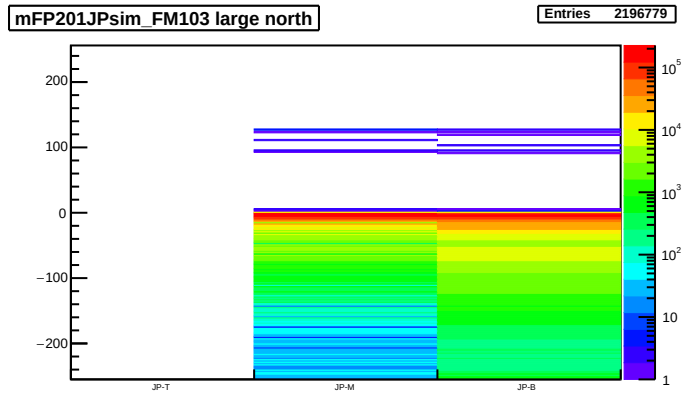

mFP201JP_FM101 small north
Entries 4549692
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3

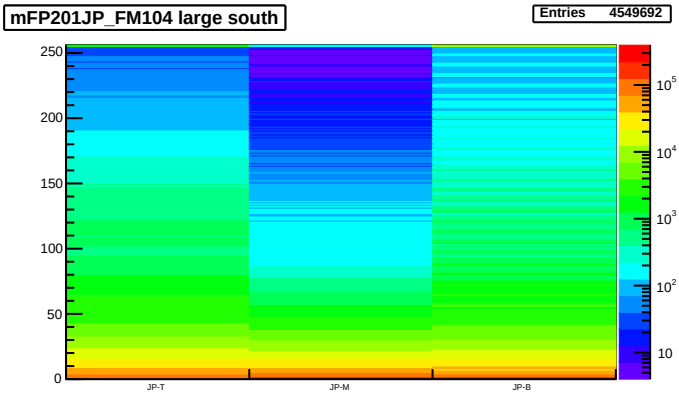

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

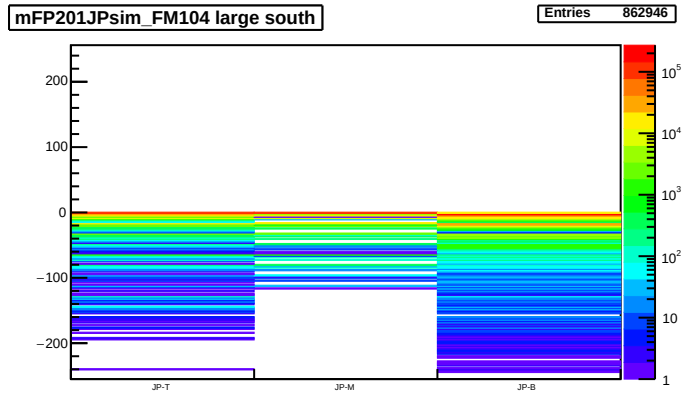

mFP201JP_FM102 small south
Entries 4549692
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2

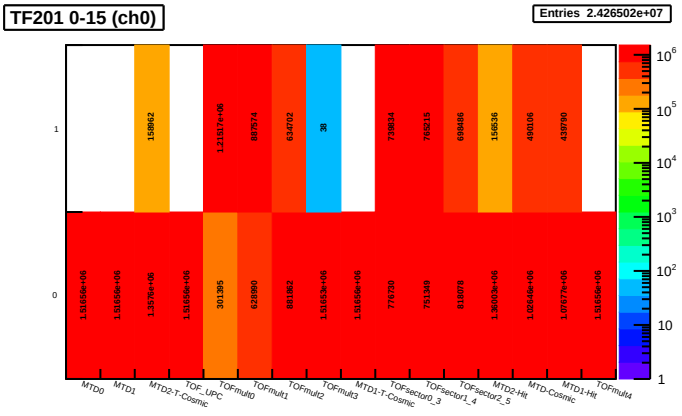

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

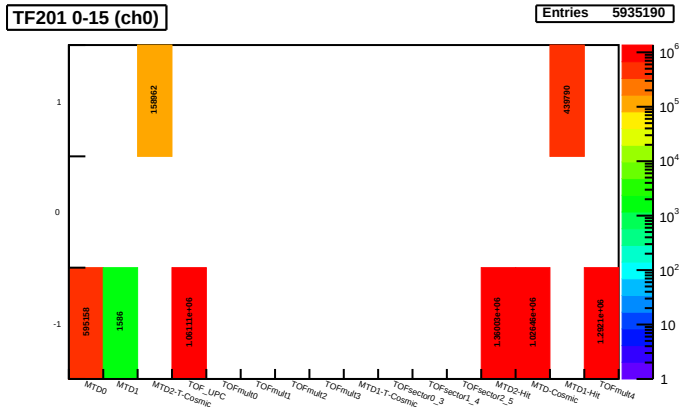

mFP201JP_FM103 large north
Entries 4549692
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

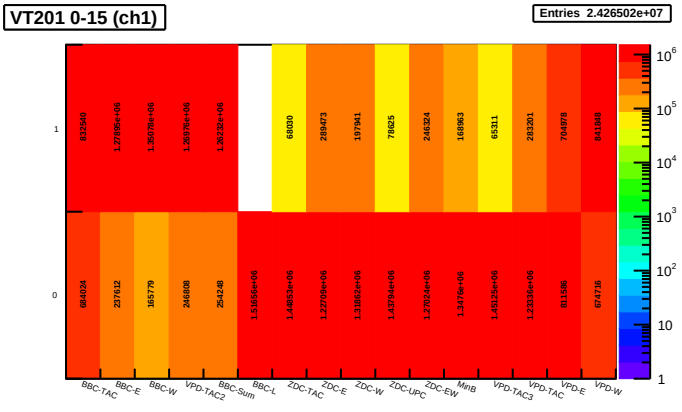

mFP201JPsim_FM103 large north
Entries 2196779
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

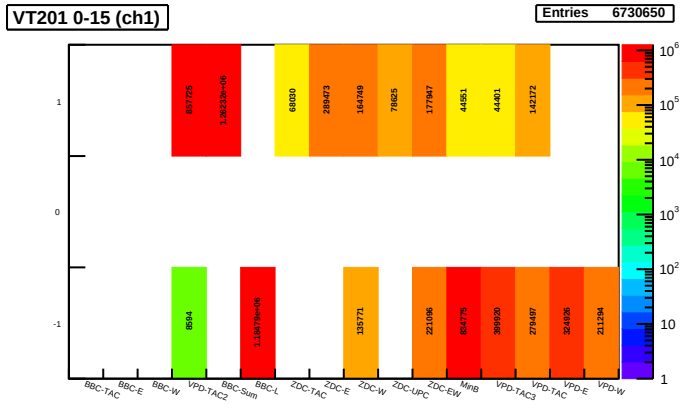

mFP201JP_FM104 large south
Entries 4549692
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10

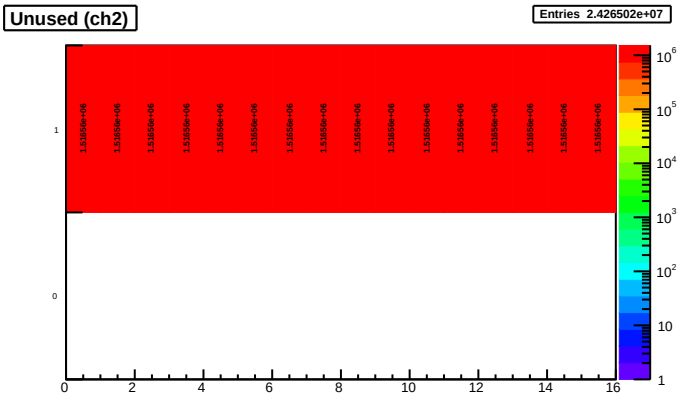

mFP201JPsim_FM104 large south
Entries 862946
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

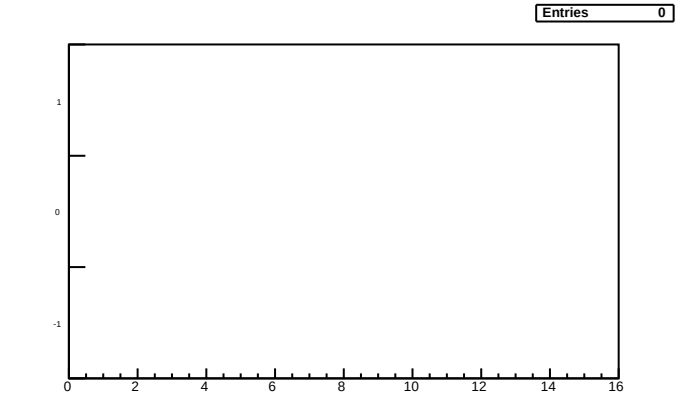

TF201 0-15 (ch0)
Entries 2.426502e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

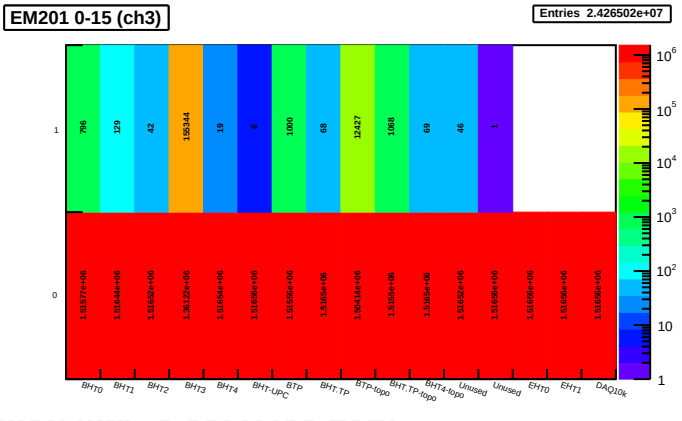

TF201 0-15 (ch0)
Entries 5935190
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

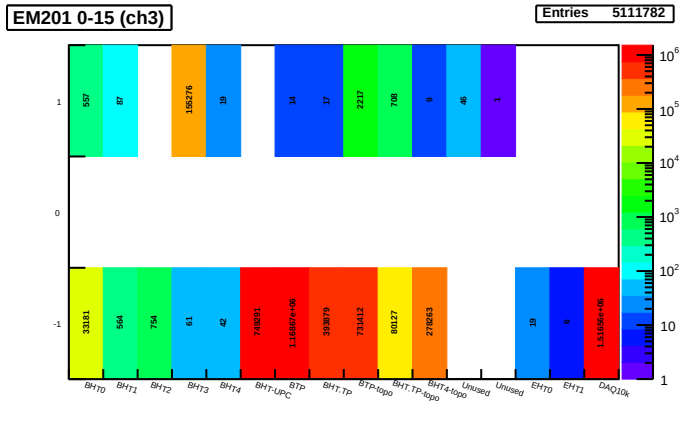

VT201 0-15 (ch1)
Entries 2.426502e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

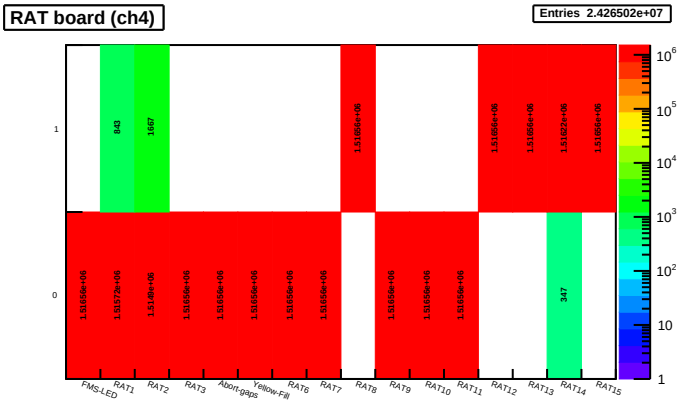

VT201 0-15 (ch1)
Entries 6730650
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


Unused (ch2)
Entries 2.426502e+07


Entries 0


EM201 0-15 (ch3)
Entries 2.426502e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k


EM201 0-15 (ch3)
Entries 5111782
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k


RAT board (ch4)
Entries 2.426502e+07
843
1667
1.51656e+06
1.51572e+06
1.51480e+06
1.51656e+06
1.51656e+06
1.51656