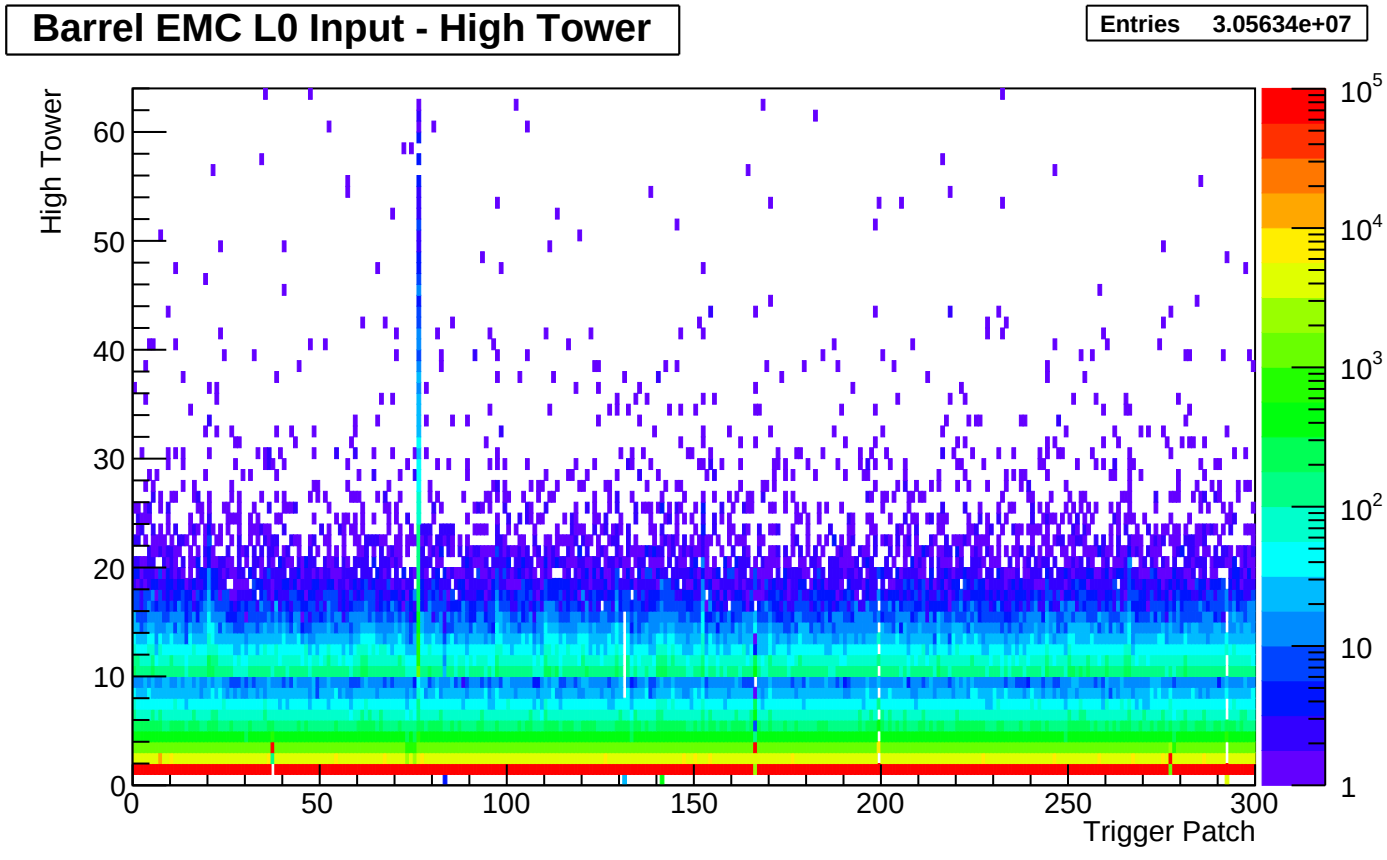
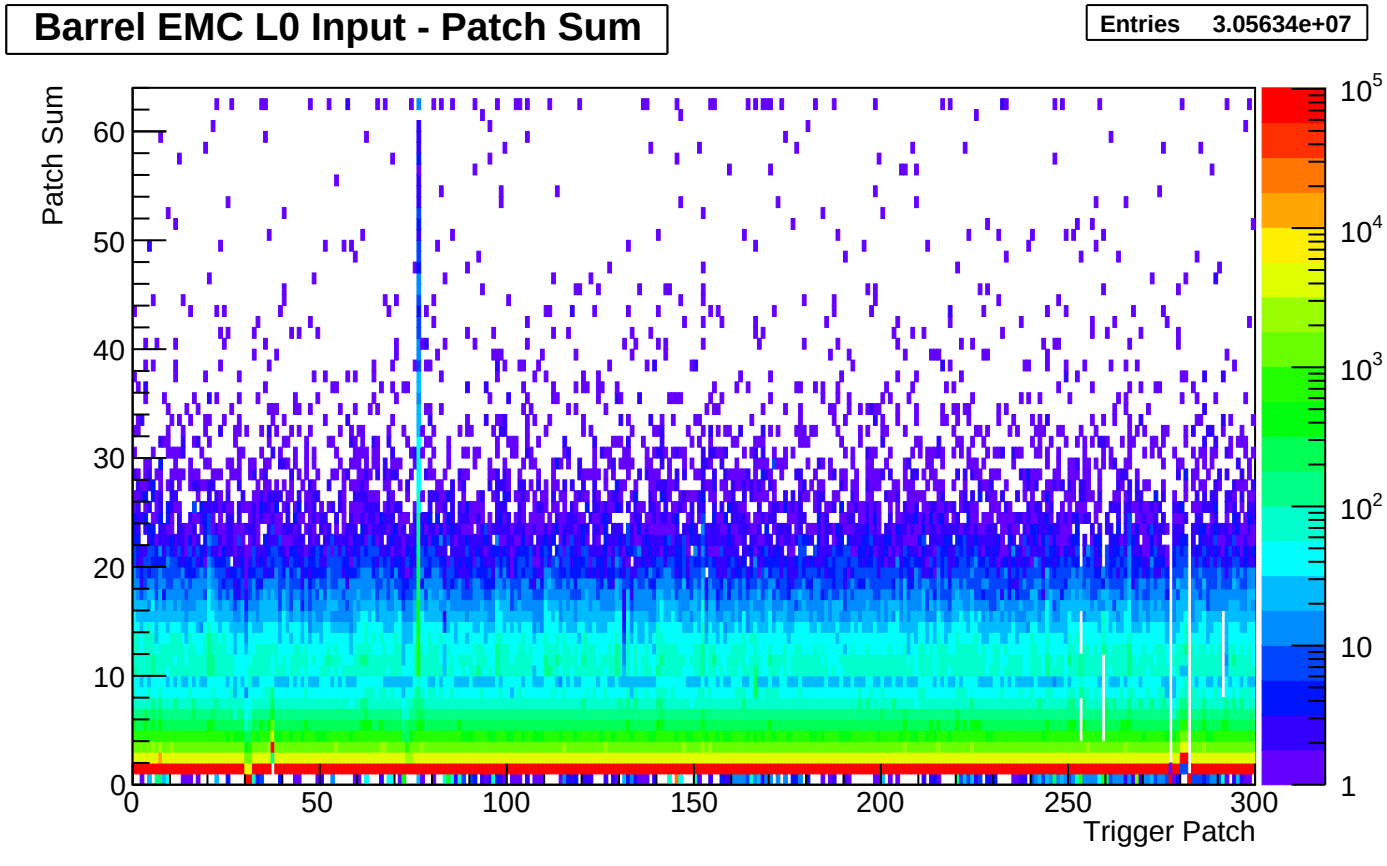
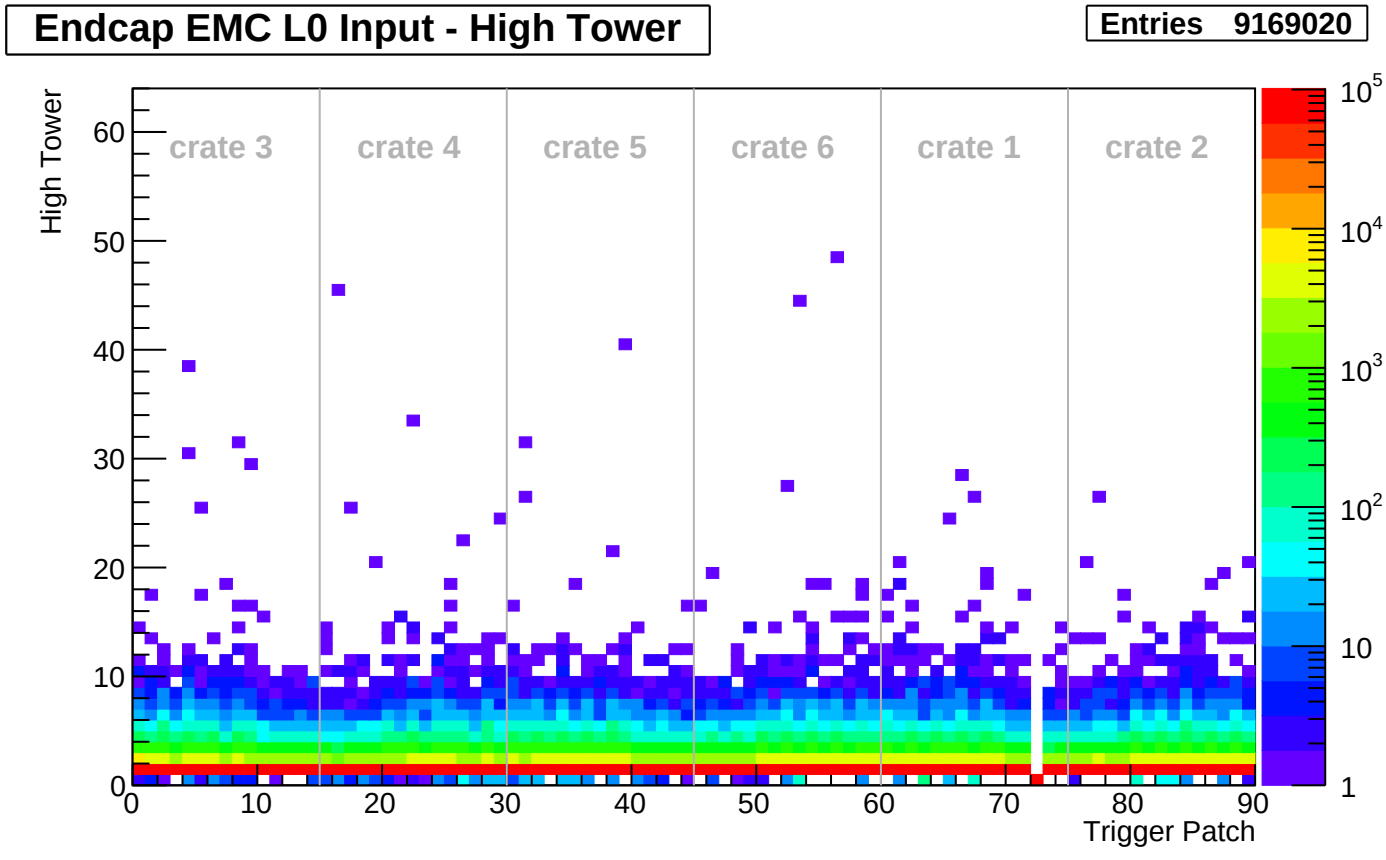
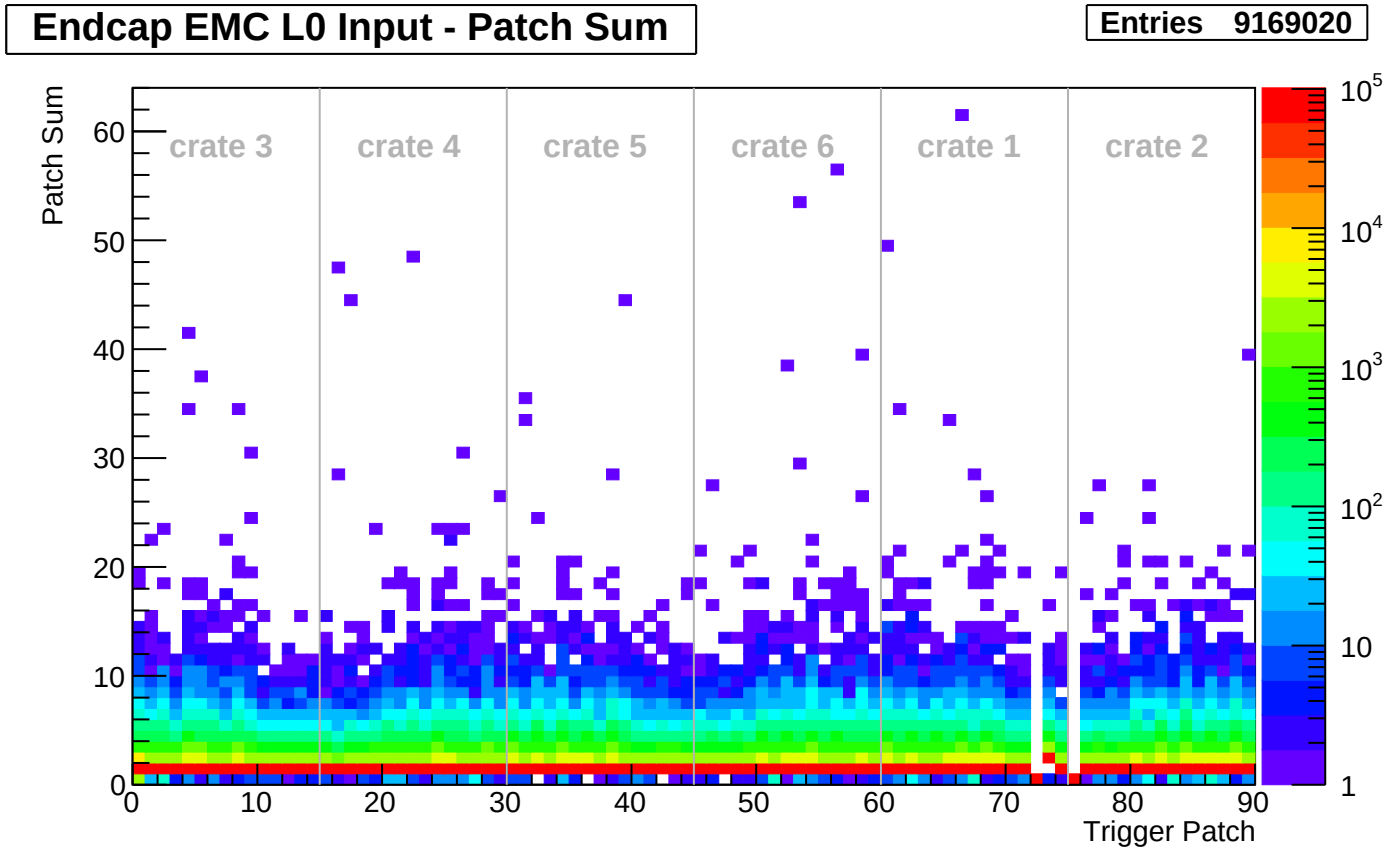
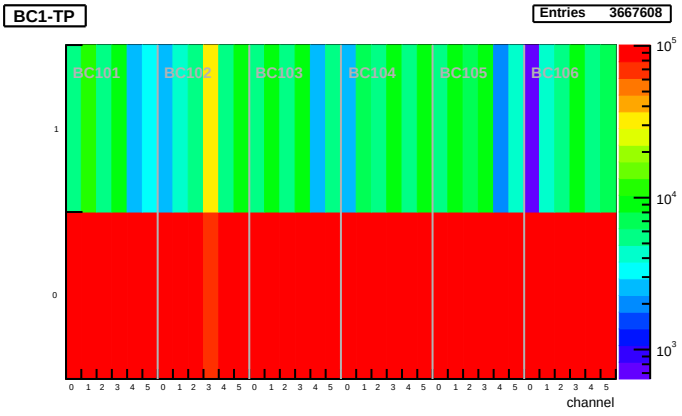
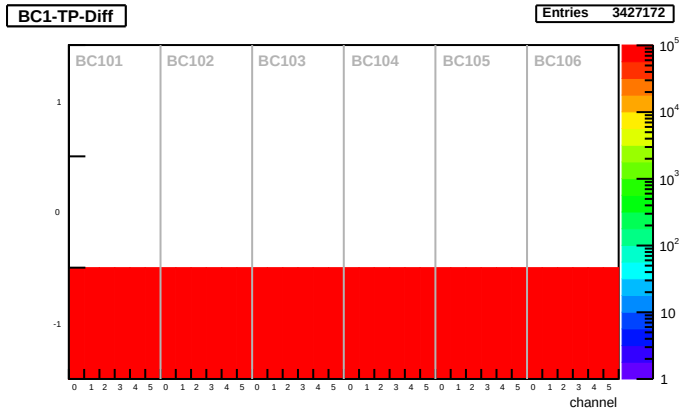

Barrel EMC L0 Input - High Tower
Entries 3.05634e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

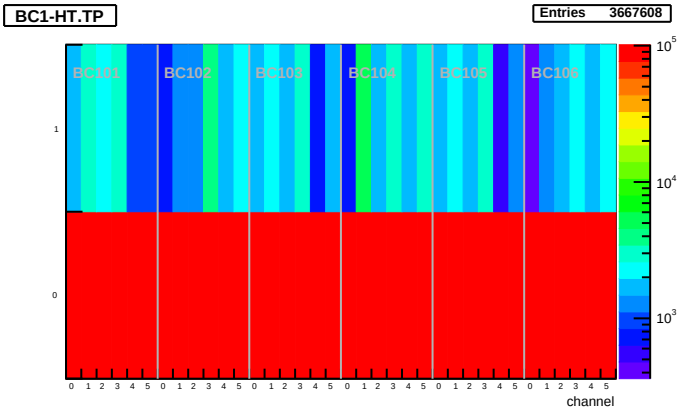

Barrel EMC L0 Input - Patch Sum
Entries 3.05634e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

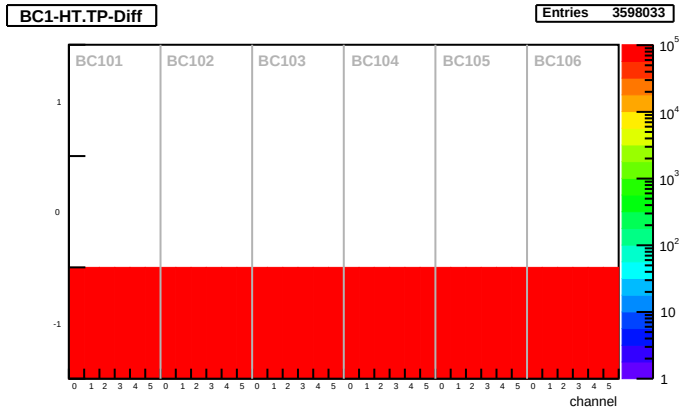

Endcap EMC L0 Input - High Tower
Entries 9169020
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4
10^5

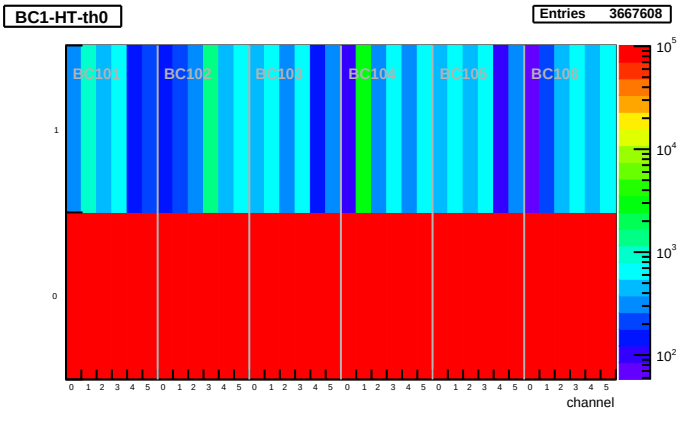

Endcap EMC L0 Input - Patch Sum
Entries 9169020
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4
10^5

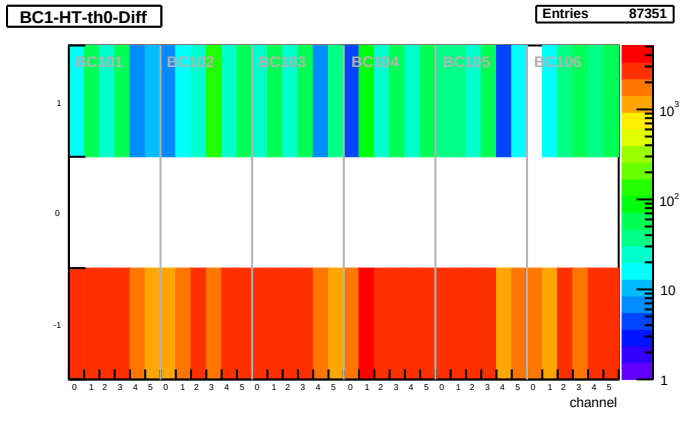

BC1-TP
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

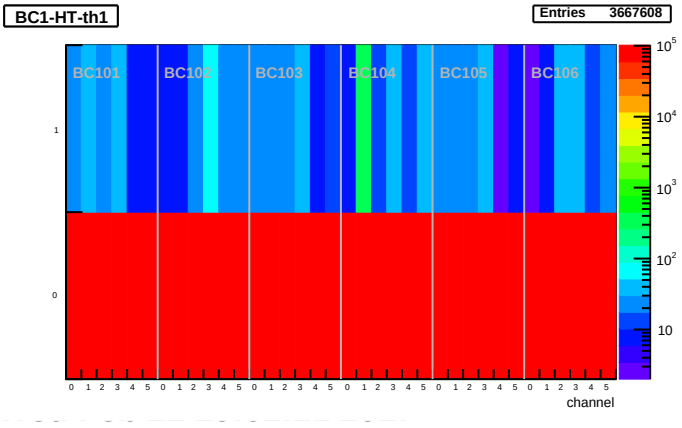

BC1-TP-Diff
Entries 3427172
BC101
BC102
BC103
BC104
BC105
BC106
channel

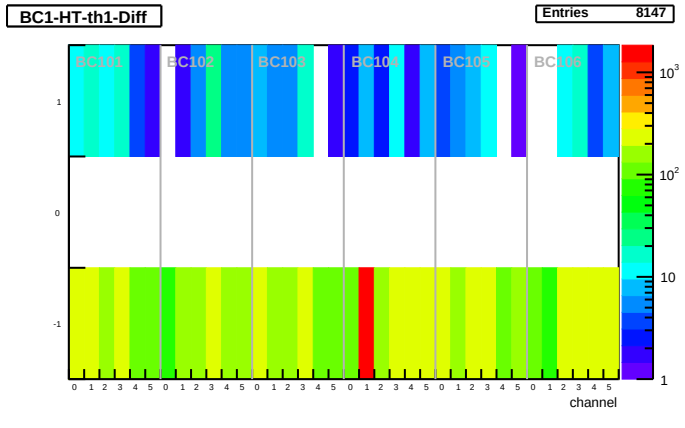

BC1-HT.TP
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

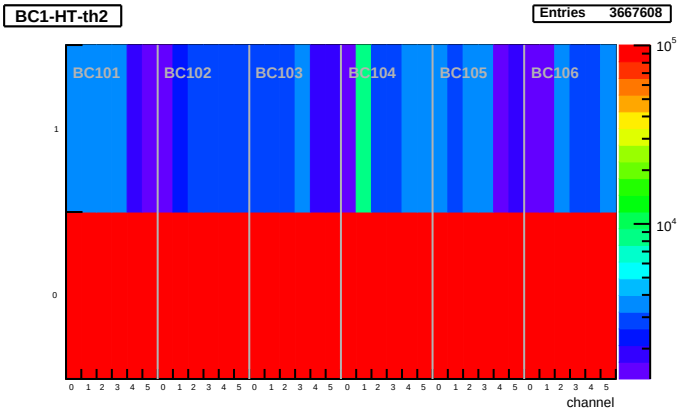

BC1-HT.TP-Diff
Entries 3598033
BC101
BC102
BC103
BC104
BC105
BC106
channel

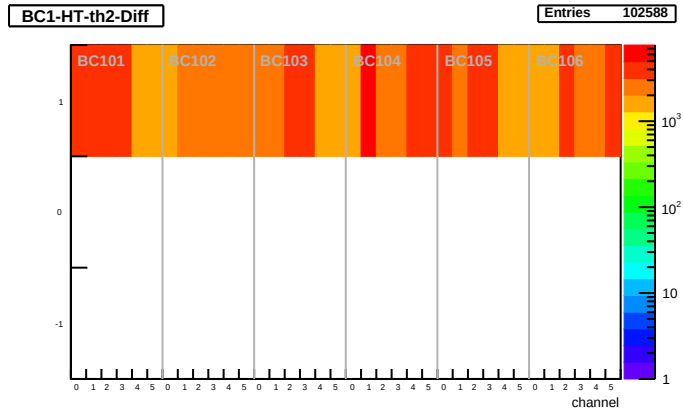

BC1-HT-th0
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

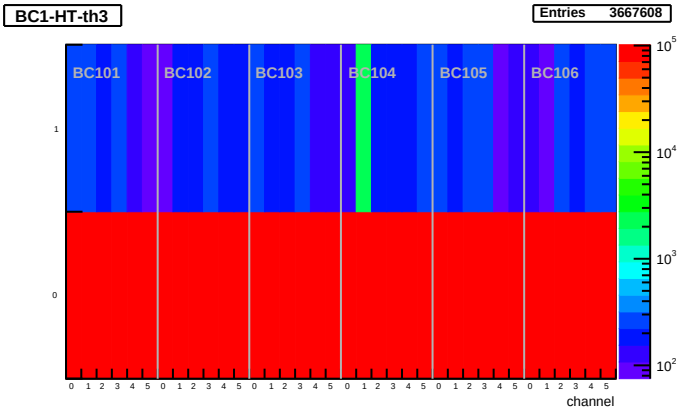

BC1-HT-th0-Diff
Entries 87351
BC101
BC102
BC103
BC104
BC105
BC106
channel

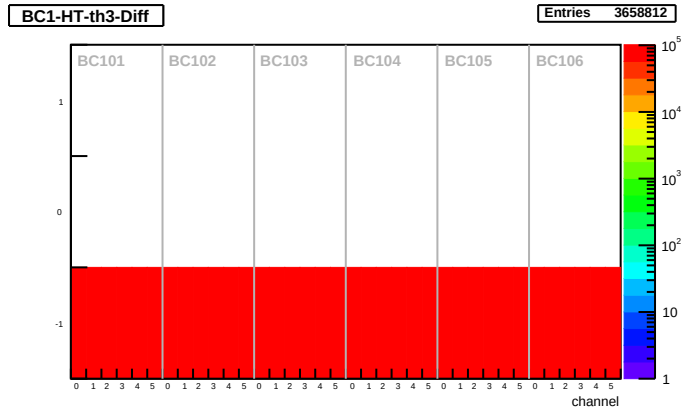

BC1-HT-th1
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

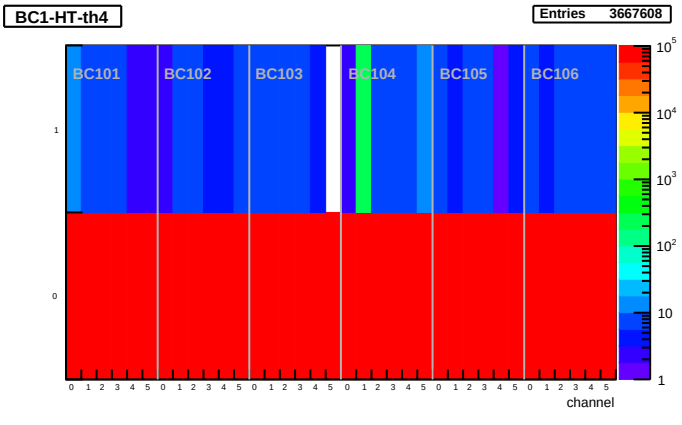

BC1-HT-th1-Diff
Entries 8147
BC101
BC102
BC103
BC104
BC105
BC106
channel

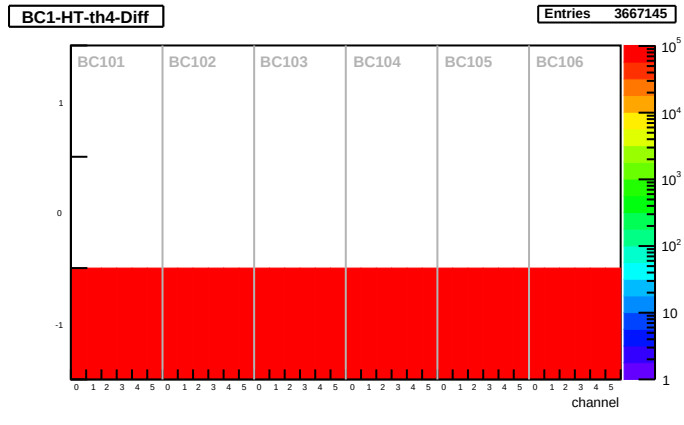

BC1-HT-th2
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

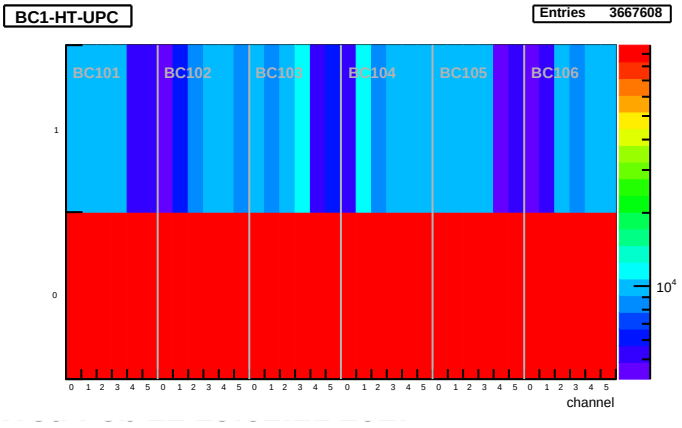

BC1-HT-th2-Diff
Entries 102588
BC101
BC102
BC103
BC104
BC105
BC106
channel

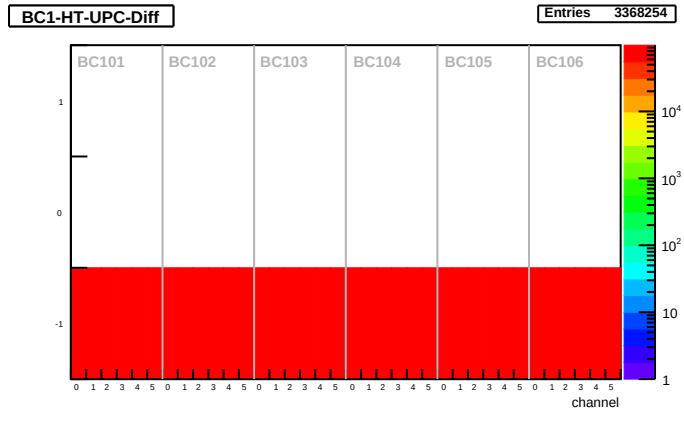

BC1-HT-th3
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

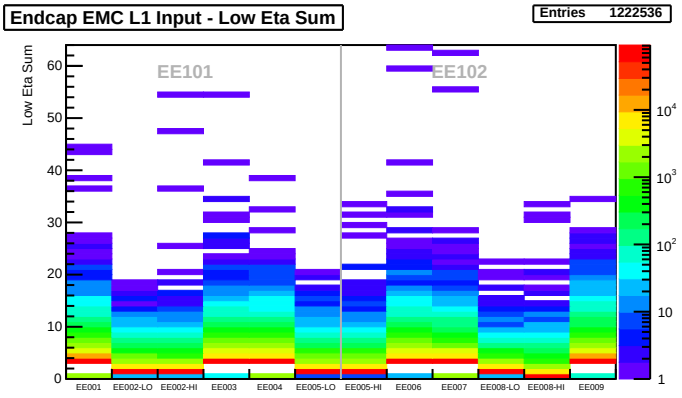

BC1-HT-th3-Diff
Entries 3658812
BC101
BC102
BC103
BC104
BC105
BC106
channel

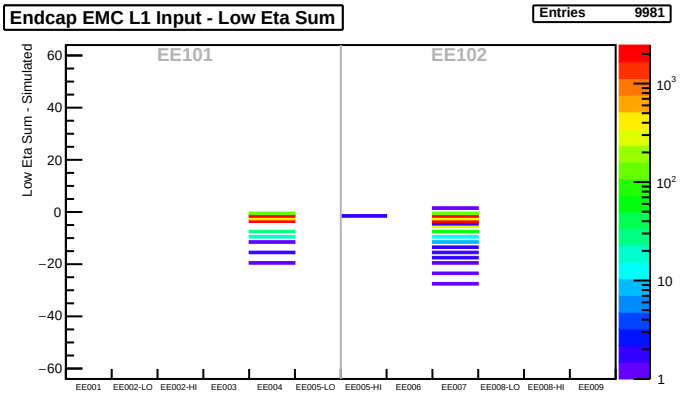

BC1-HT-th4
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

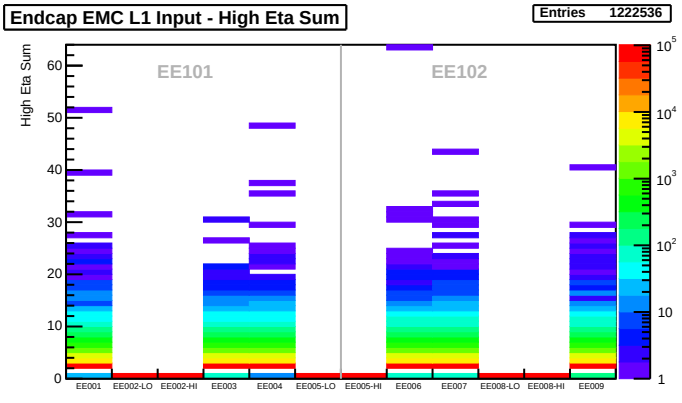

BC1-HT-th4-Diff
Entries 3667145
BC101
BC102
BC103
BC104
BC105
BC106
channel

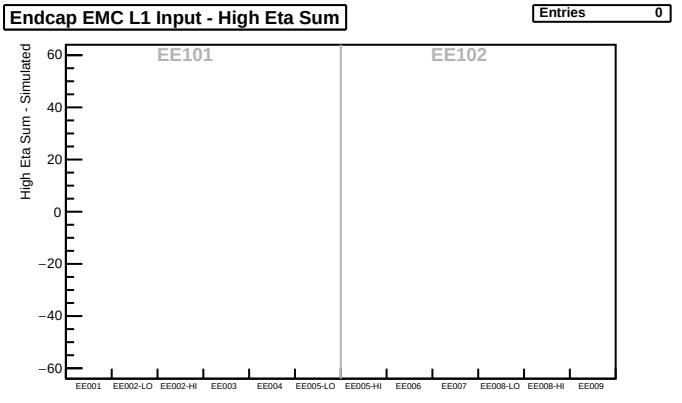

BC1-HT-UPC
Entries 3667608
BC101
BC102
BC103
BC104
BC105
BC106
channel

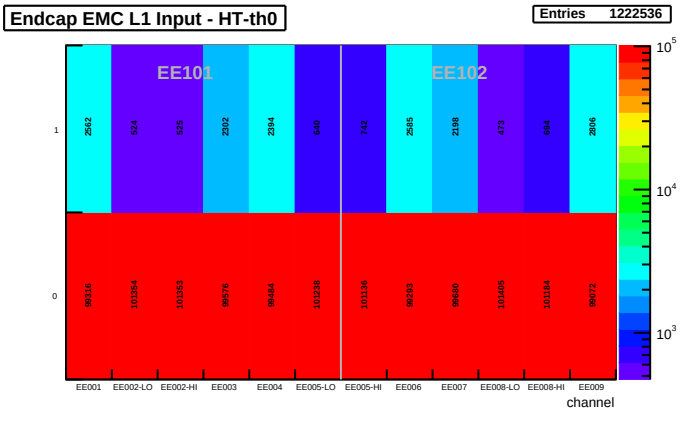

BC1-HT-UPC-Diff
Entries 3368254
BC101
BC102
BC103
BC104
BC105
BC106
channel

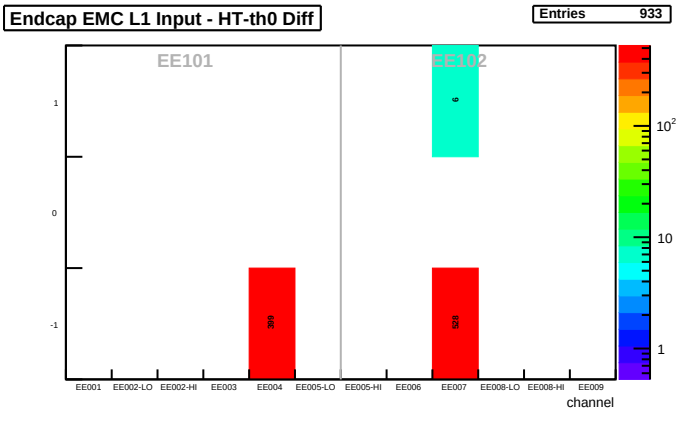

Endcap EMC L1 Input - Low Eta Sum
Entries 1222536
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

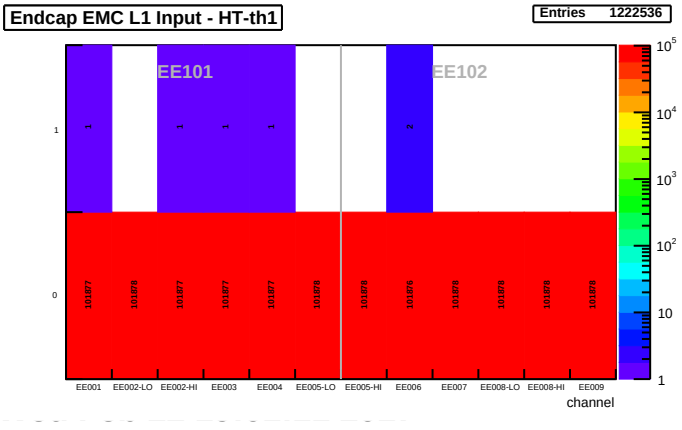

Endcap EMC L1 Input - Low Eta Sum
Entries 9981
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

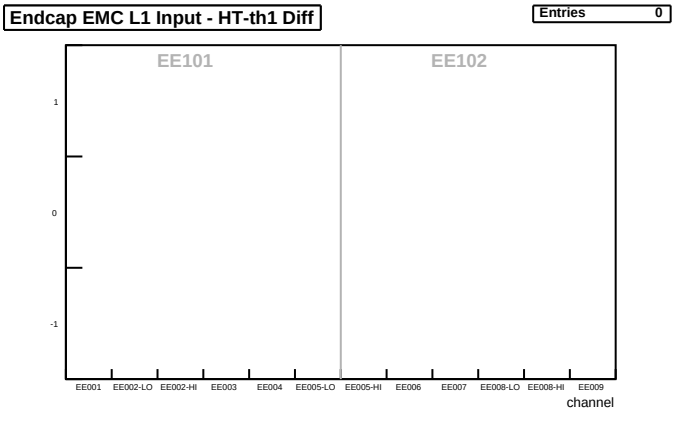

Endcap EMC L1 Input - High Eta Sum
Entries 1222536
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

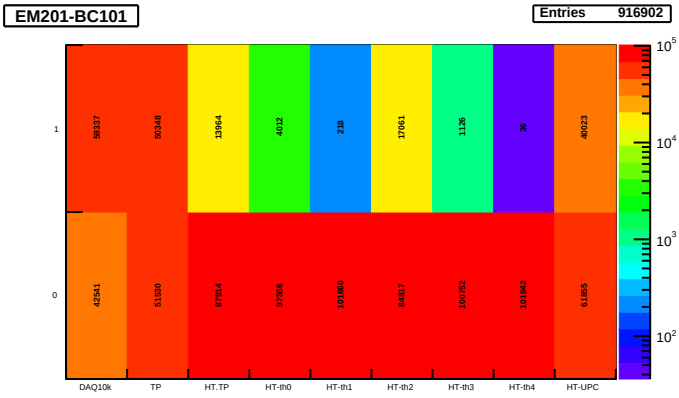

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

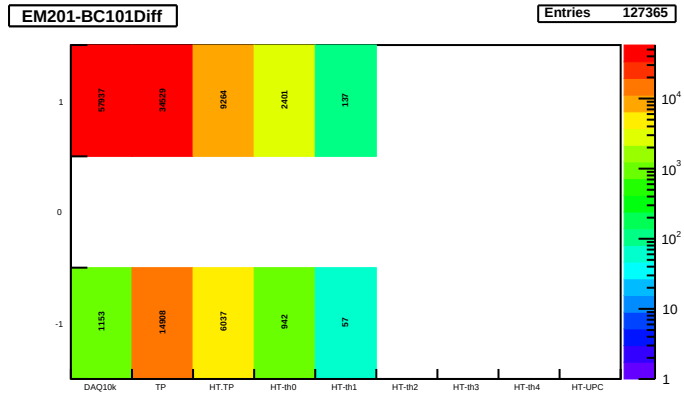

Endcap EMC L1 Input - HT-th0
Entries 1222536
EE101
EE102
2562 524 525 2302 2394 640 742 2585 2198 473 694 2896
99316 101354 101353 99376 99484 101238 101136 99393 99590 101405 101184 99372
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

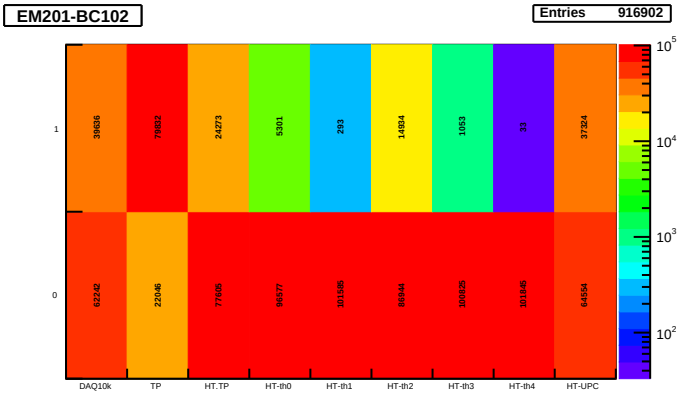

Endcap EMC L1 Input - HT-th0 Diff
Entries 933
EE101
EE102
6
399
528
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

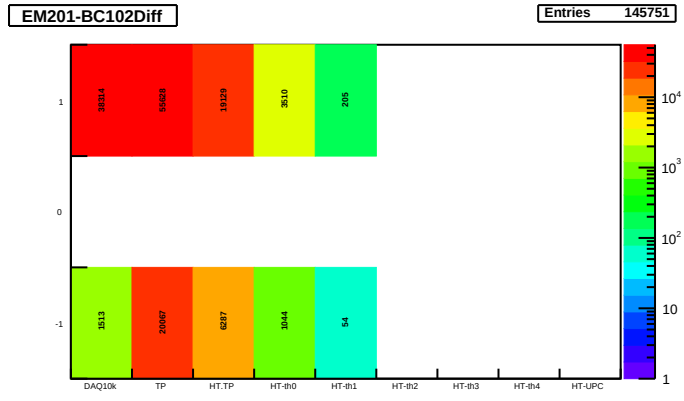

Endcap EMC L1 Input - HT-th1
Entries 1222536
EE101
EE102
1 1 1 1 2
101877 101878 101877 101877 101877 101878 101878 101876 101878 101878 101878 101878
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

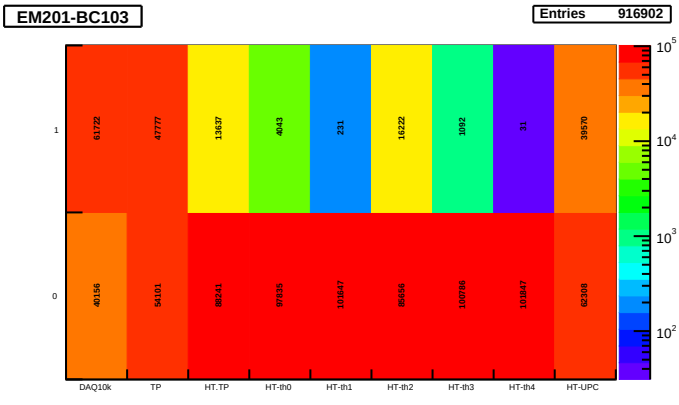

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

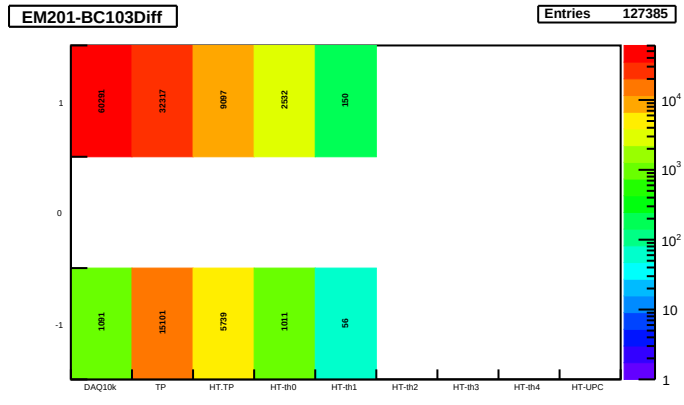

EM201-BC101
Entries 916902
1
0
59337
50348
13964
4012
218
17061
1126
36
40023
42541
51530
87914
97866
101660
84817
100752
101842
61855
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2

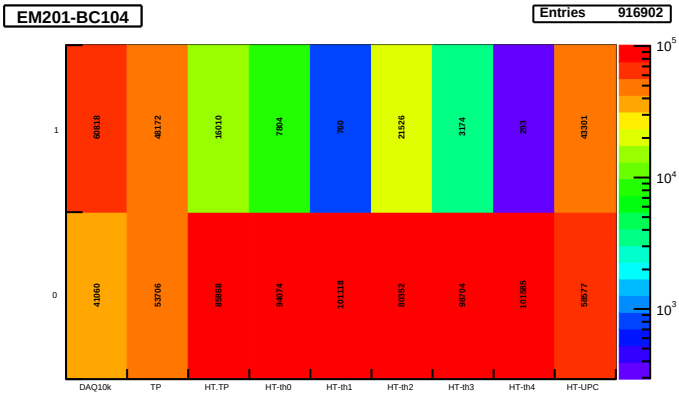

EM201-BC101Diff
Entries 127365
1
0
-1
57937
34529
9264
2401
137
1153
14908
6037
942
57
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

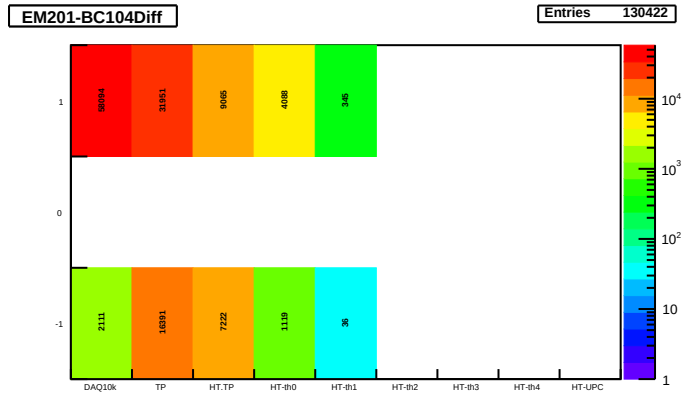

EM201-BC102
Entries 916902
1
0
39636
79832
24273
5301
293
14934
1053
33
37324
62242
22046
77605
96577
101585
86944
100825
101845
64554
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2

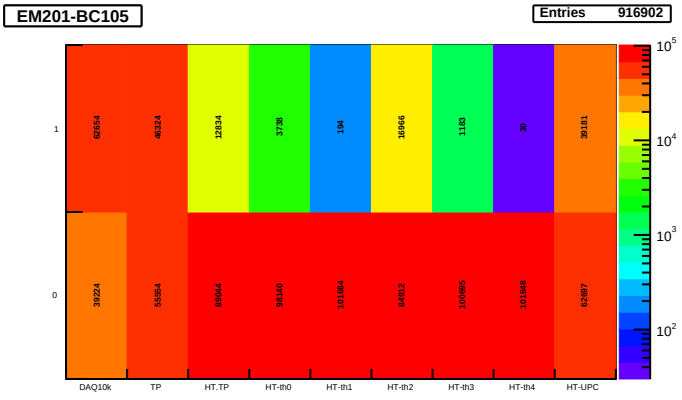

EM201-BC102Diff
Entries 145751
1
0
-1
38314
55628
19129
3510
205
1513
20067
6287
1044
54
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

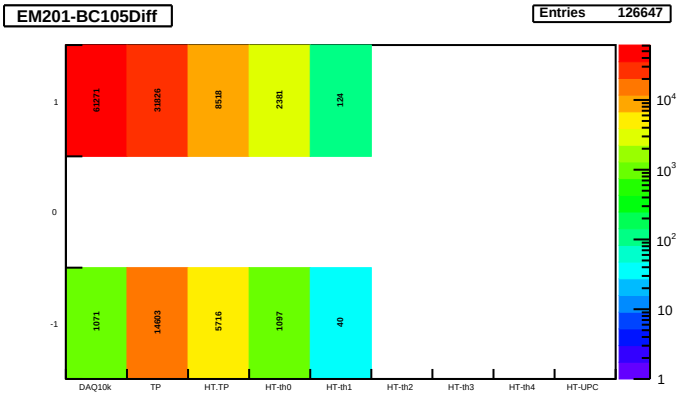

EM201-BC103
Entries 916902
1
0
61722
47777
13637
4043
231
16222
1092
31
39570
40156
54101
88241
97835
101647
85656
100786
101847
62308
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2

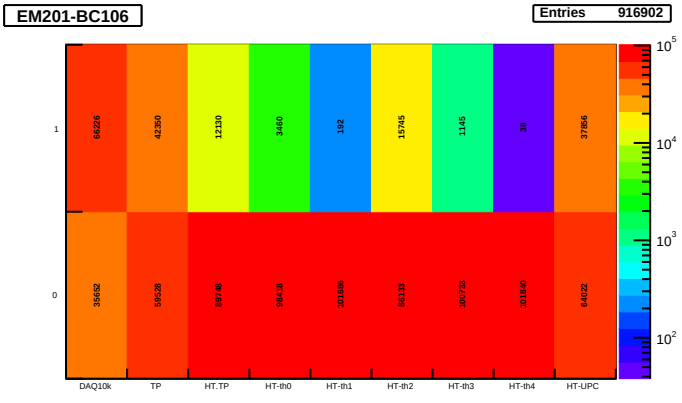

EM201-BC103Diff
Entries 127385
1
0
-1
60291
32317
9097
2532
150
1091
15101
5739
1011
56
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

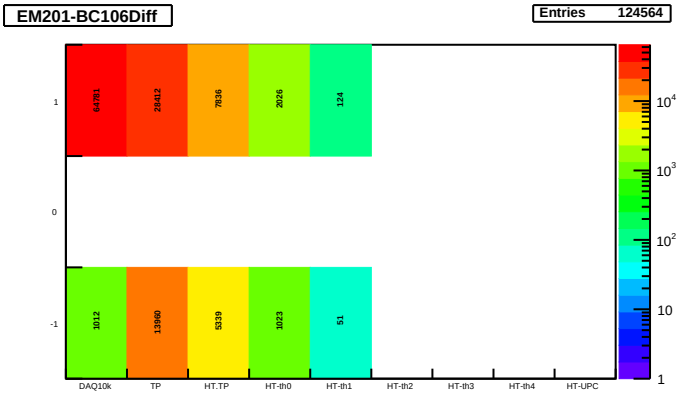

EM201-BC104
Entries 916902
1
0
60818
48172
16010
7804
760
21526
3174
293
43301
41060
53706
85868
94074
101118
80352
98704
101585
58577
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3

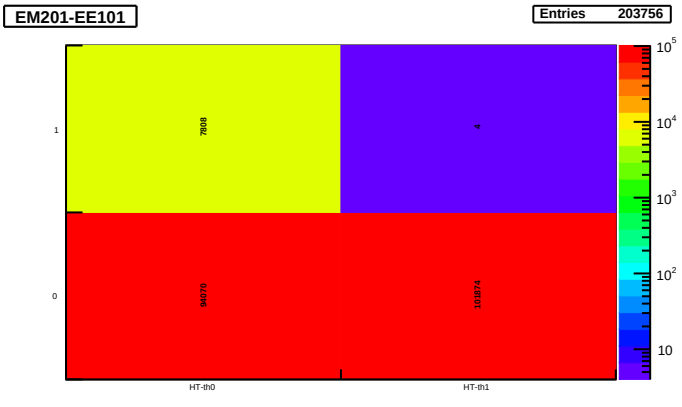

EM201-BC104Diff
Entries 130422
1
0
-1
58094
31951
9065
4088
345
2111
16391
7222
1119
36
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

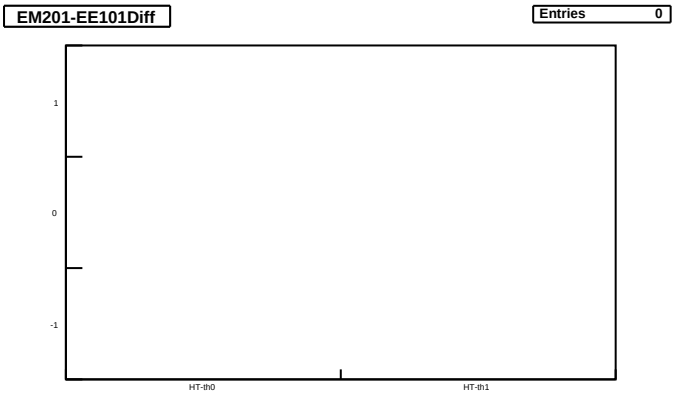

EM201-BC105
Entries 916902
62654
46324
12834
3738
194
16966
1183
30
39181
39224
55554
89044
98340
101684
84312
100695
101848
62897
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2

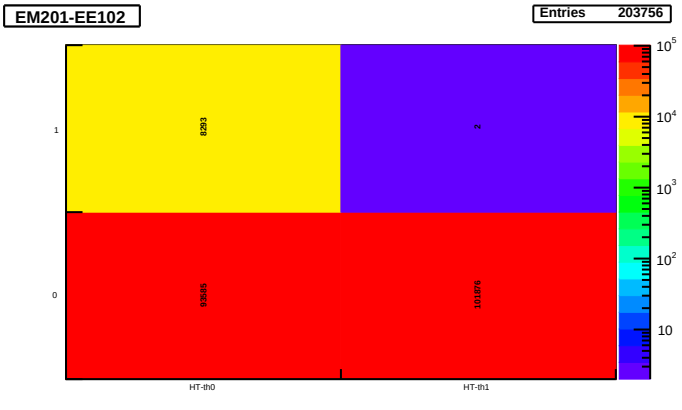

EM201-BC105Diff
Entries 126647
61271
31826
8518
2381
124
1071
14603
5716
1097
40
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

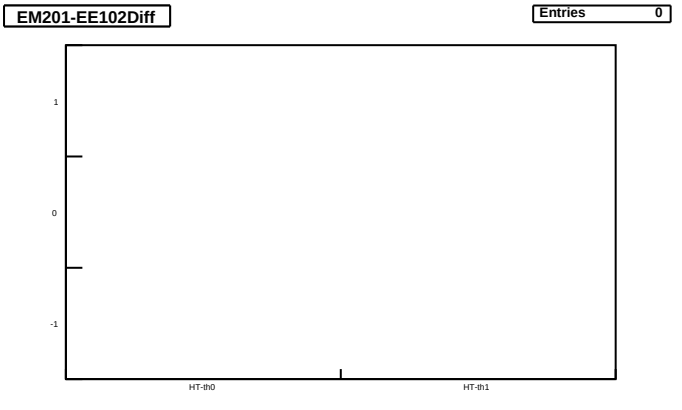

EM201-BC106
Entries 916902
66226
42350
12130
3460
192
15745
1145
38
37856
35652
59528
89748
99418
101686
86133
100733
101840
64022
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2

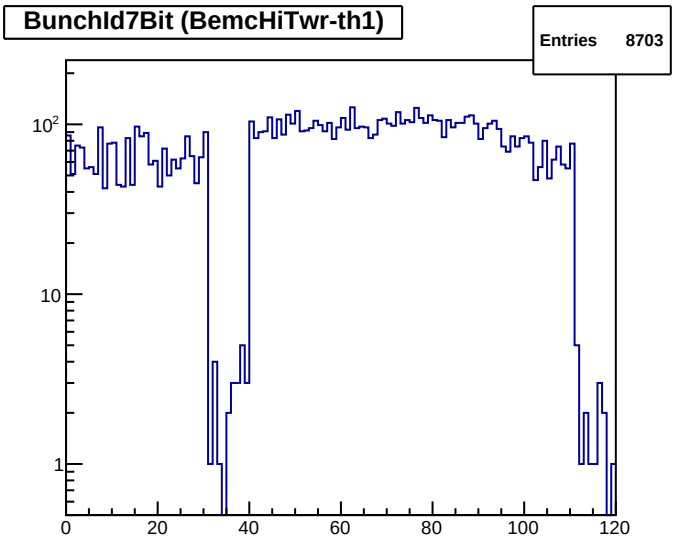

EM201-BC106Diff
Entries 124564
64781
29412
7036
2026
124
1012
13960
5339
1023
51
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

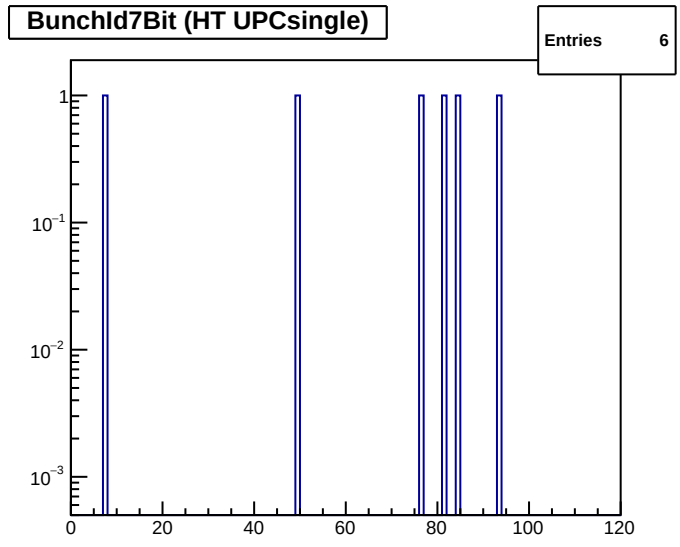

EM201-EE101
Entries 203756
7908
4
94070
103774
1
0
HT-th0
HT-th1
10^5
10^4
10^3
10^2
10

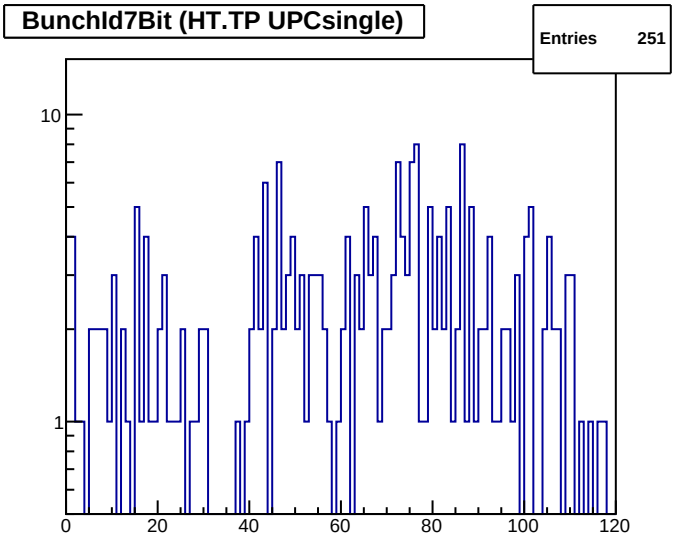

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

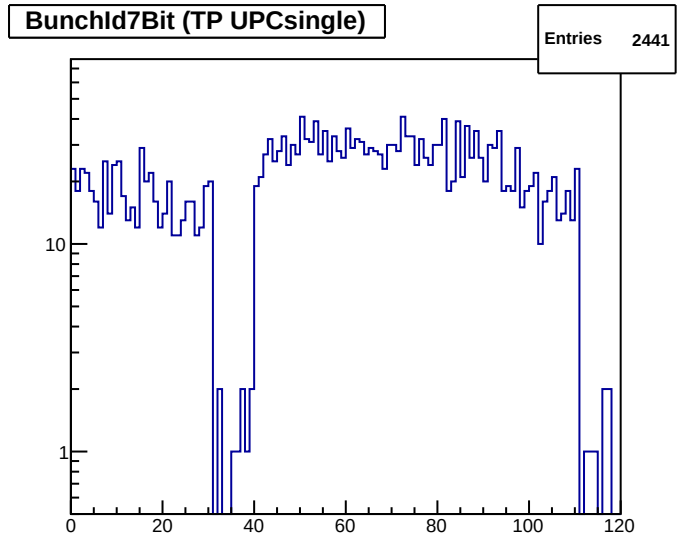

EM201-EE102
Entries 203756
8293
2
93535
101876
1
0
HT-th0
HT-th1
10^5
10^4
10^3
10^2
10

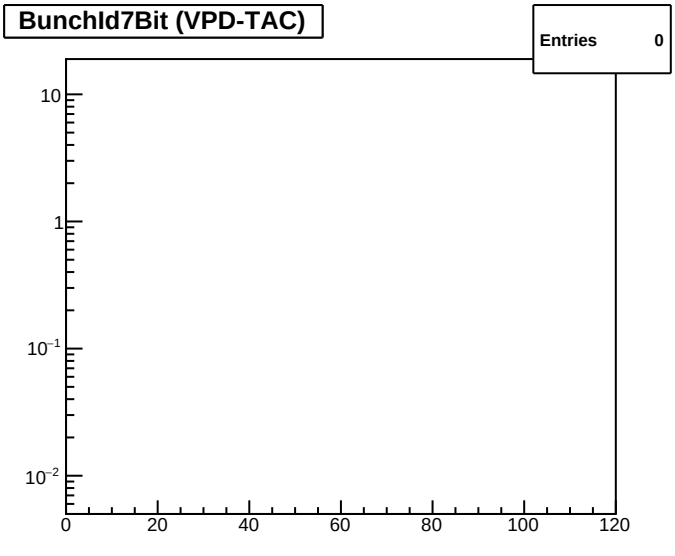

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

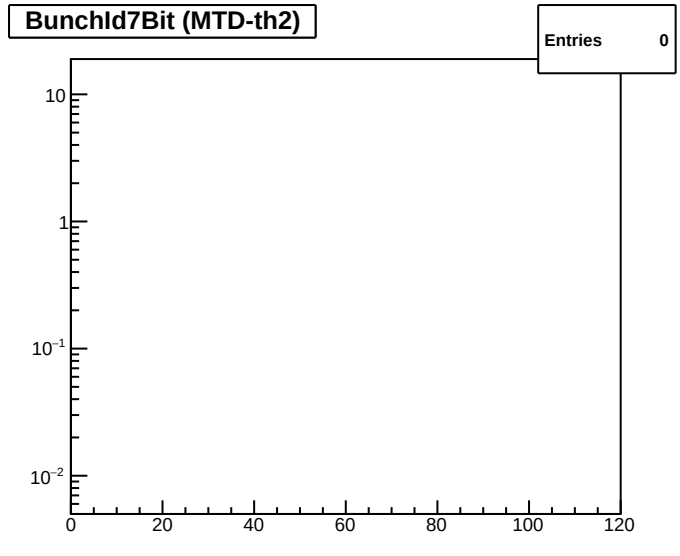

BunchId7Bit (BemcHiTwr-th1)
Entries 8703
10^2
10
1
0 20 40 60 80 100 120

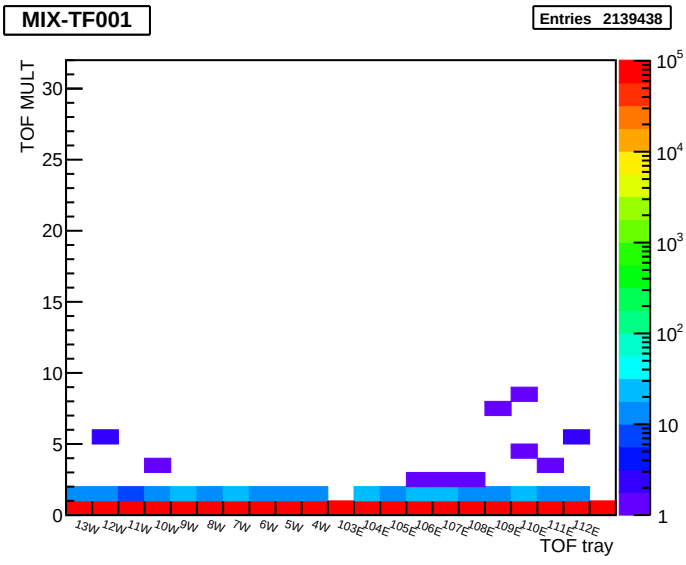

BunchId7Bit (HT UPCsingle)
Entries 6
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

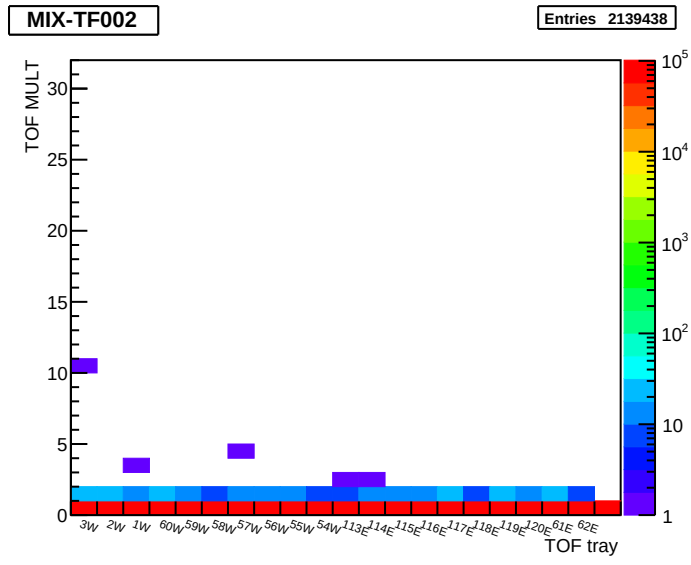

BunchId7Bit (HT.TP UPCsingle)
Entries 251
10
1
0 20 40 60 80 100 120

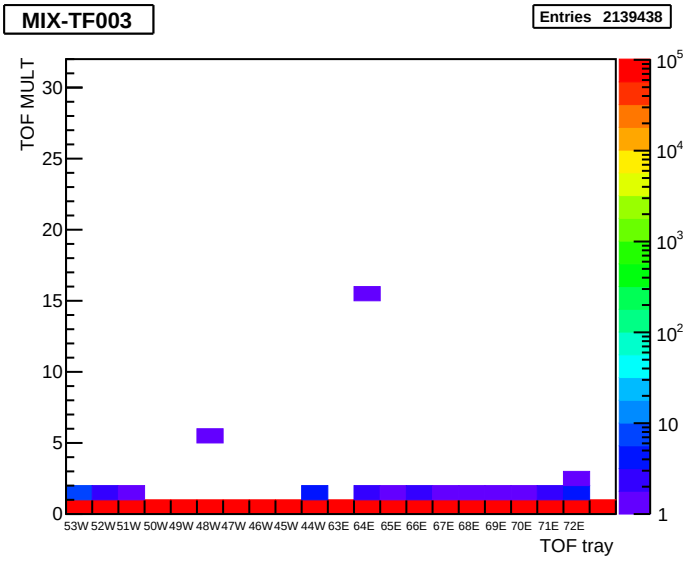

BunchId7Bit (TP UPCsingle)
Entries 2441
10
1
0 20 40 60 80 100 120

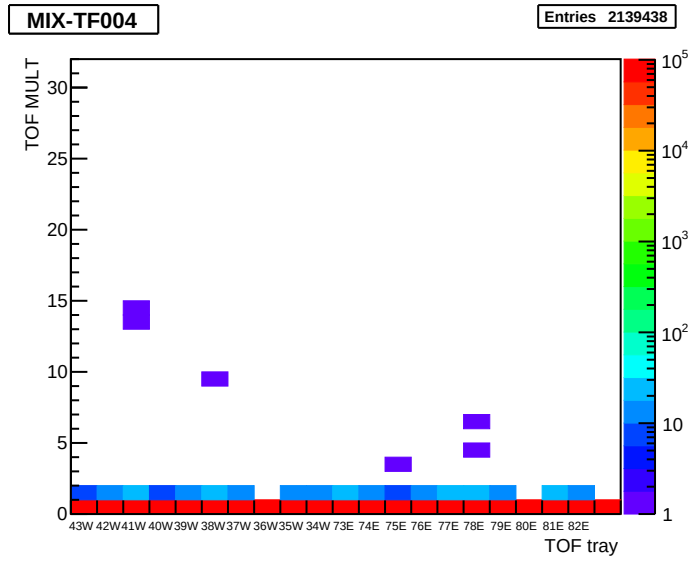

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

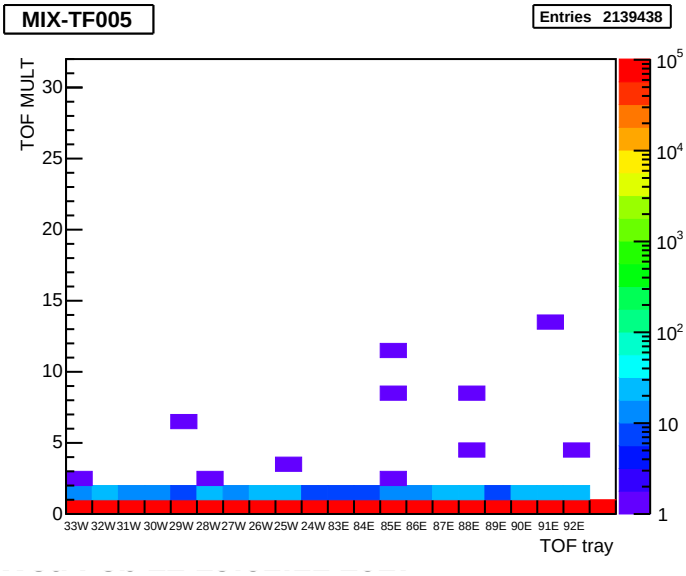

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

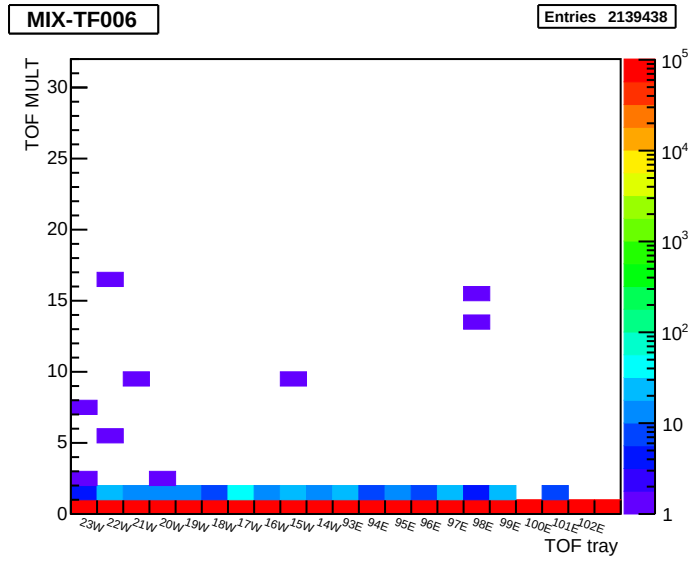

MIX-TF001
Entries 2139438
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

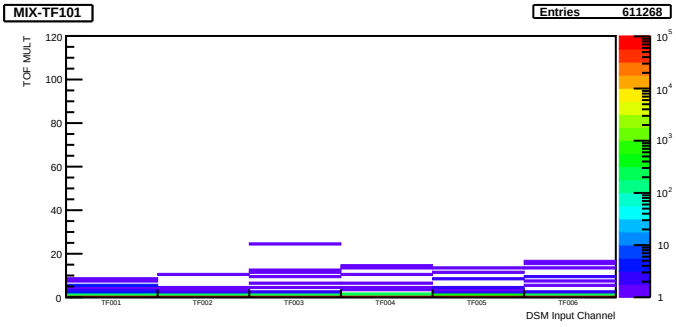

MIX-TF002
Entries 2139438
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

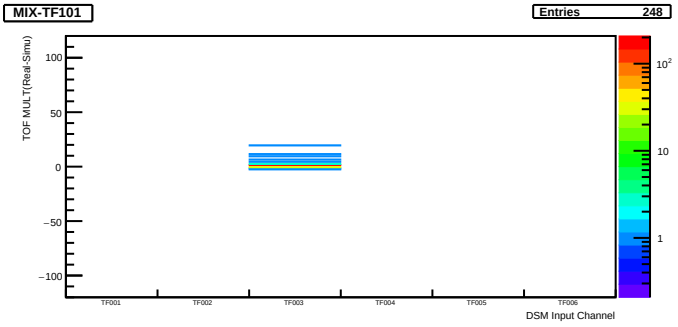

MIX-TF003
Entries 2139438
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

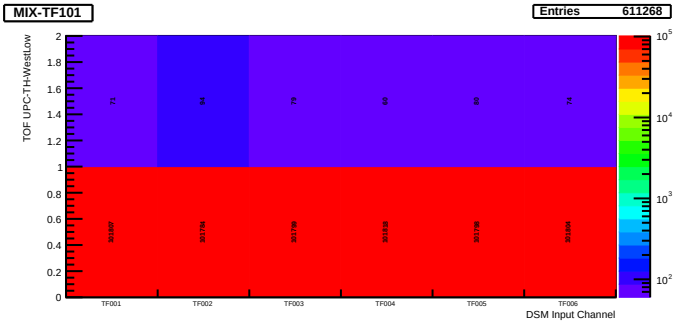

MIX-TF004
Entries 2139438
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

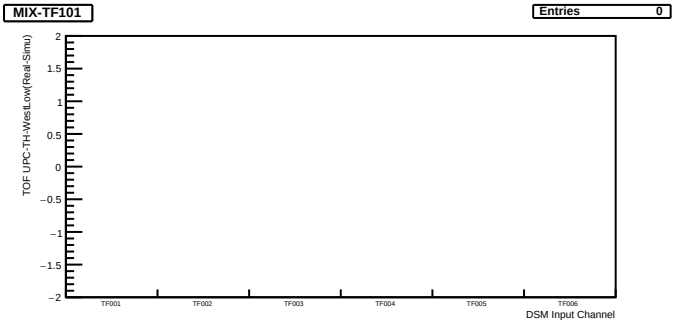

MIX-TF005
Entries 2139438
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

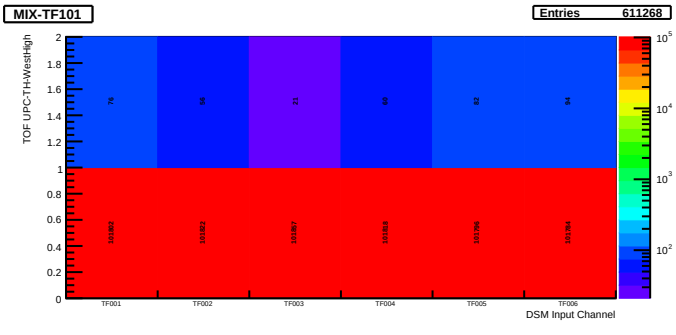

MIX-TF006
Entries 2139438
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

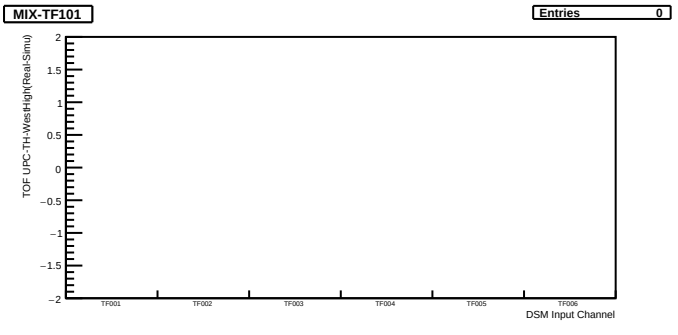

MIX-TF101
Entries 611268
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

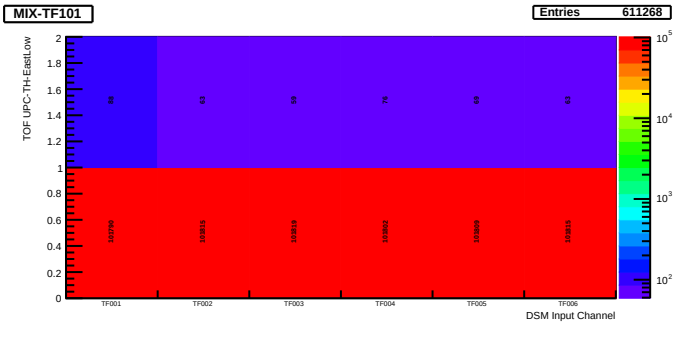

MIX-TF101
Entries 248
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

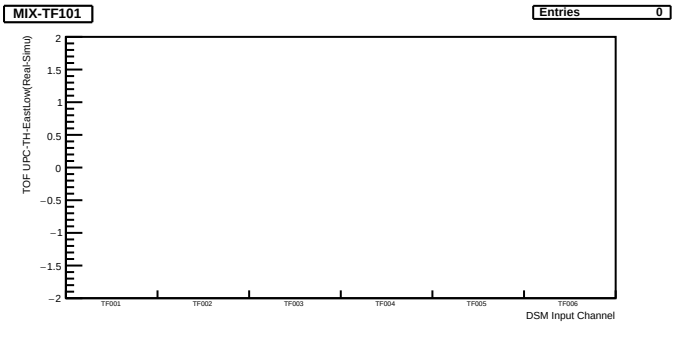

MIX-TF101
Entries 611268
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

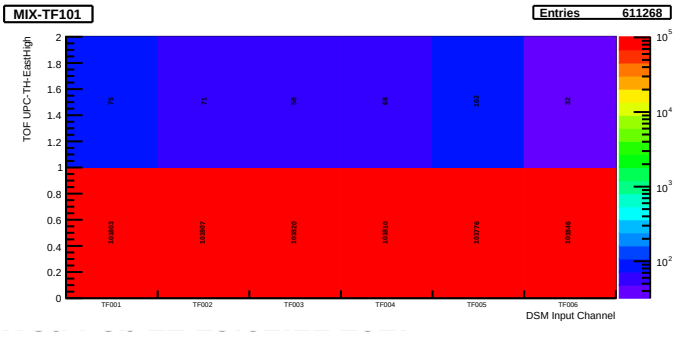

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

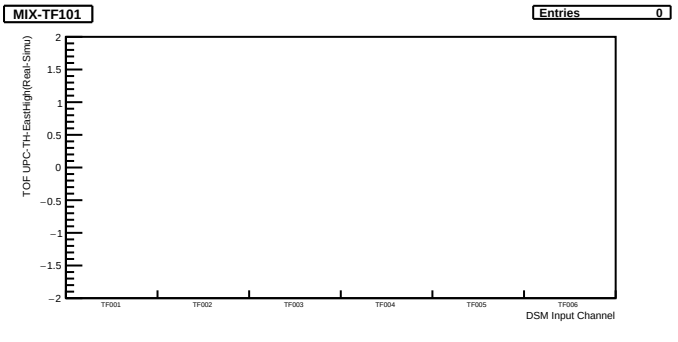

MIX-TF101
Entries 611268
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

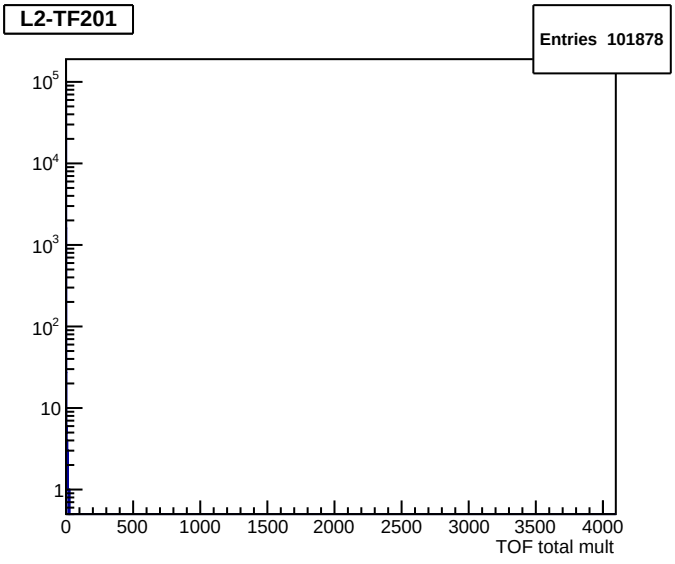

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

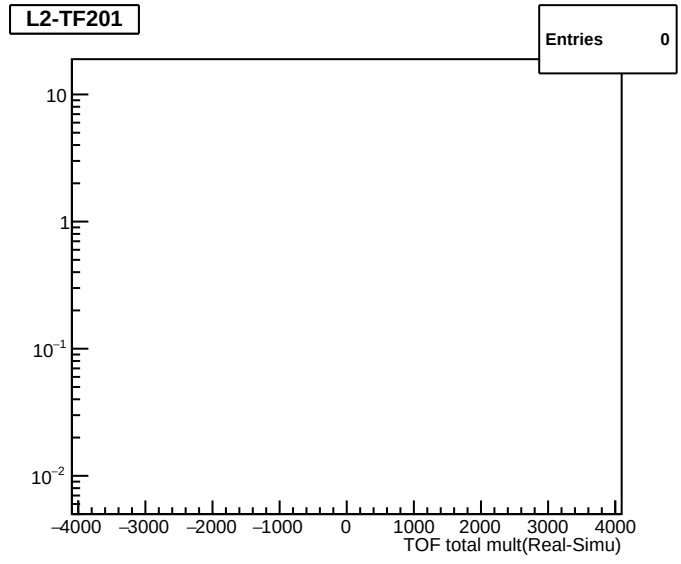

MIX-TF101
Entries 611268
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

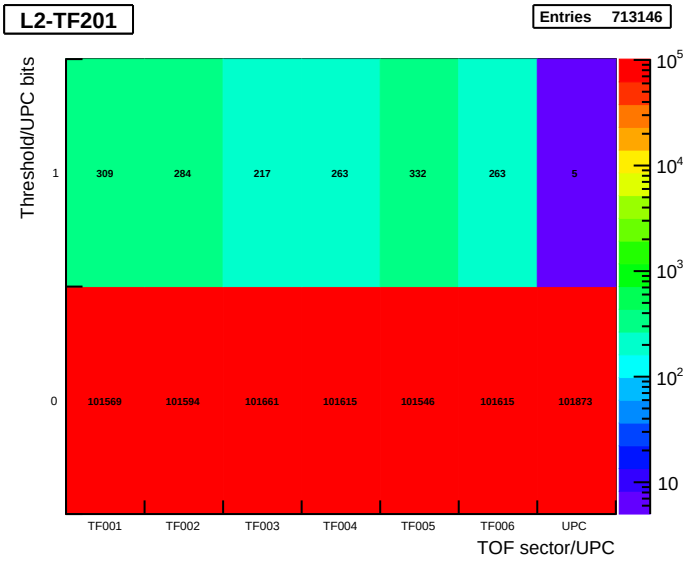

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

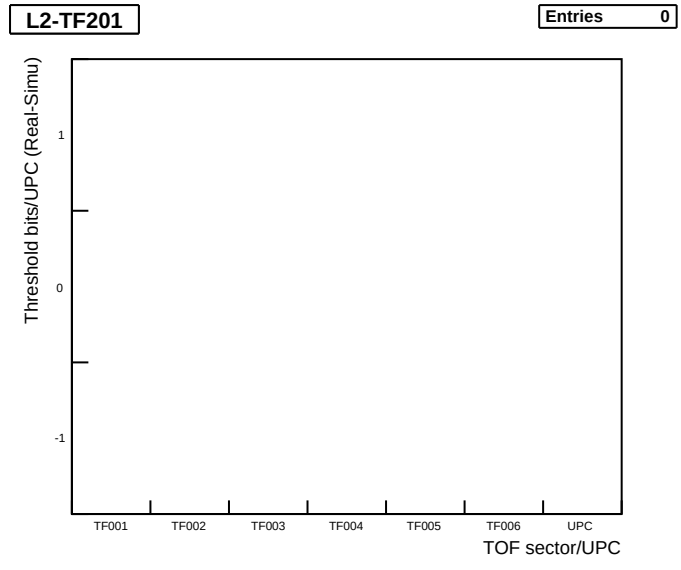

MIX-TF101
Entries 611268
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

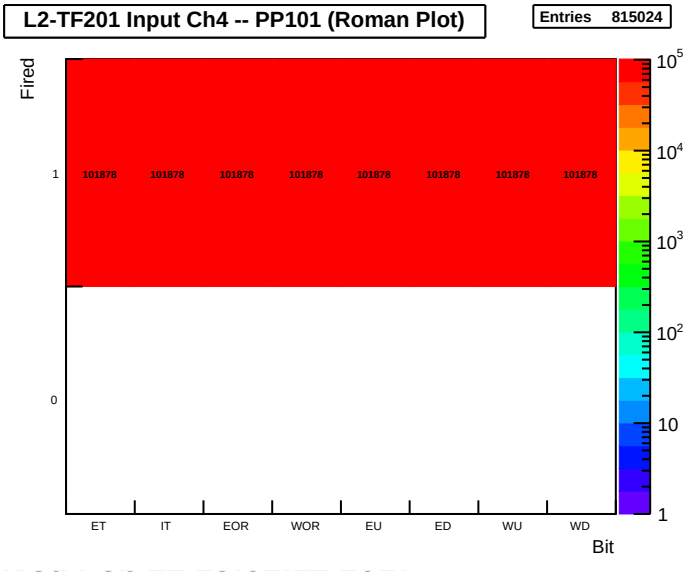

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

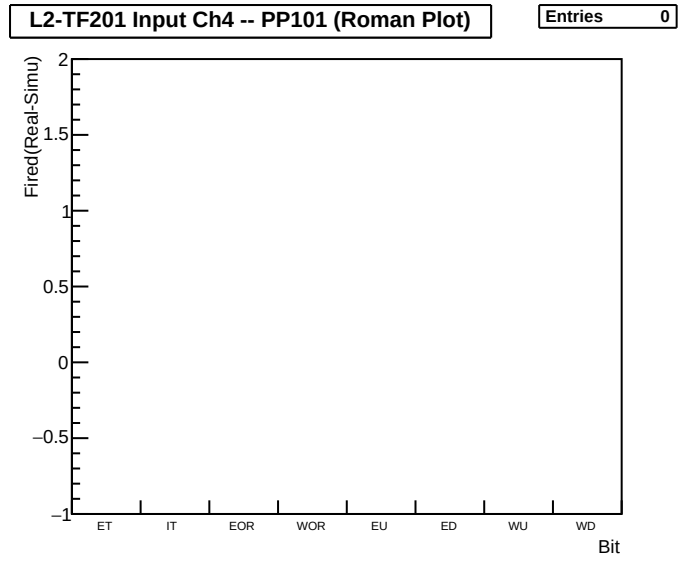

L2-TF201
Entries 101878
TOF total mult

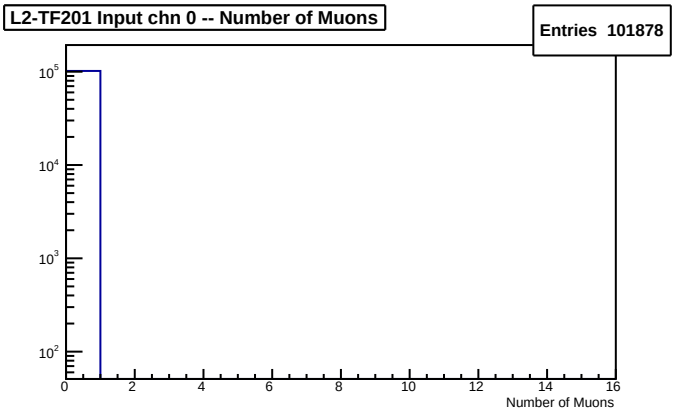

L2-TF201
Entries 0
TOF total mult(Real-Simu)

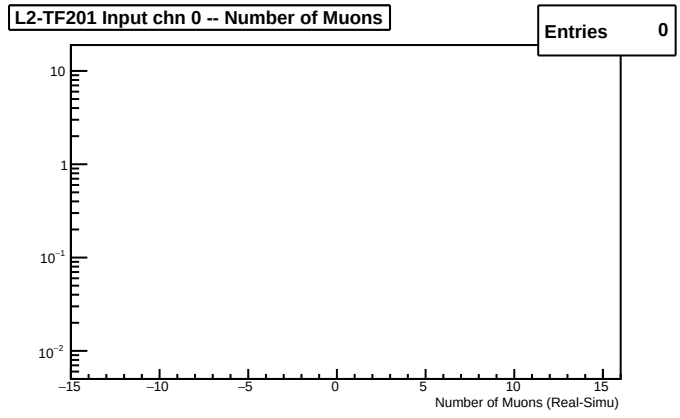

L2-TF201
Entries 713146
Threshold/UPC bits
309 284 217 263 332 263 5
101569 101594 101661 101615 101546 101615 101873
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

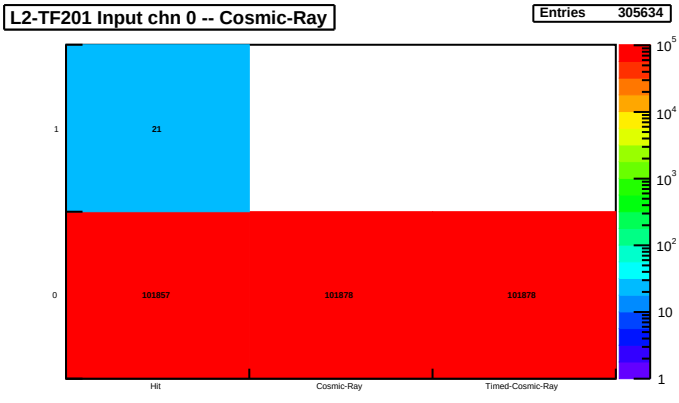

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

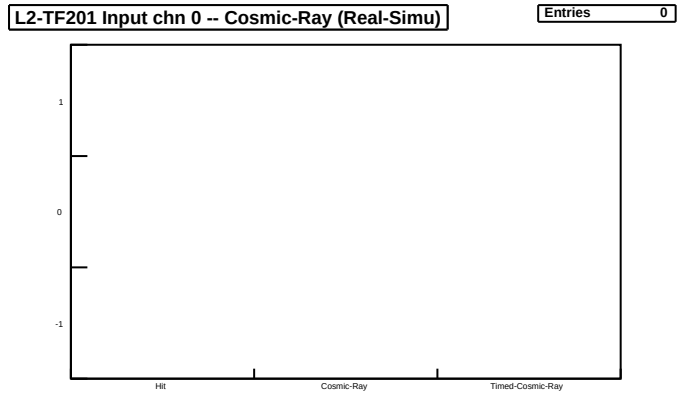

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 815024
Fired
101878 101878 101878 101878 101878 101878 101878 101878
ET IT EOR WOR EU ED WU WD
Bit

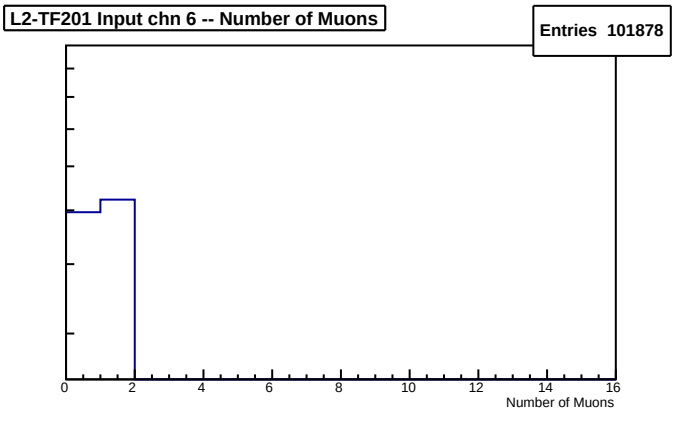

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

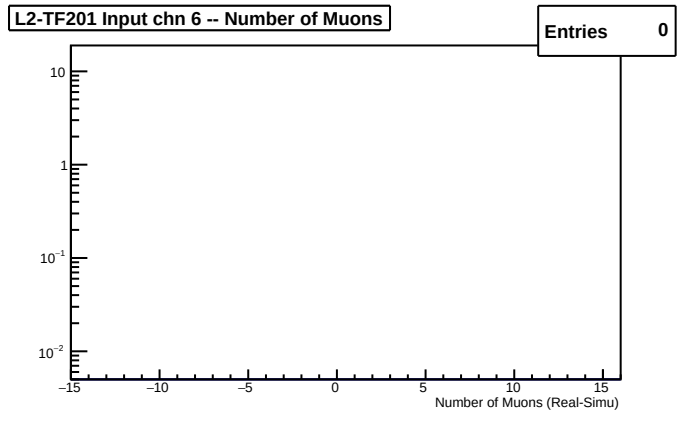

L2-TF201 Input chn 0 -- Number of Muons
Entries 101878
Number of Muons

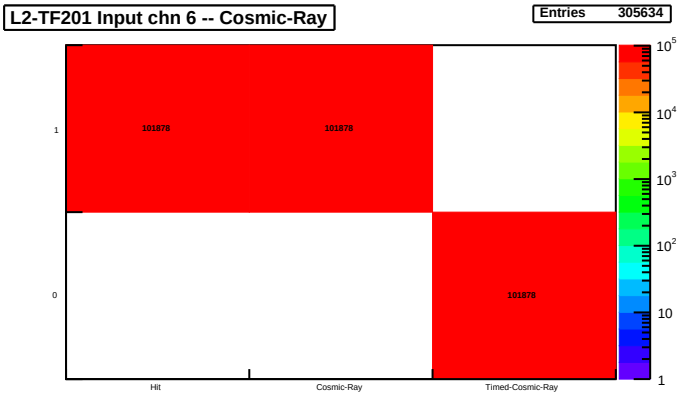

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

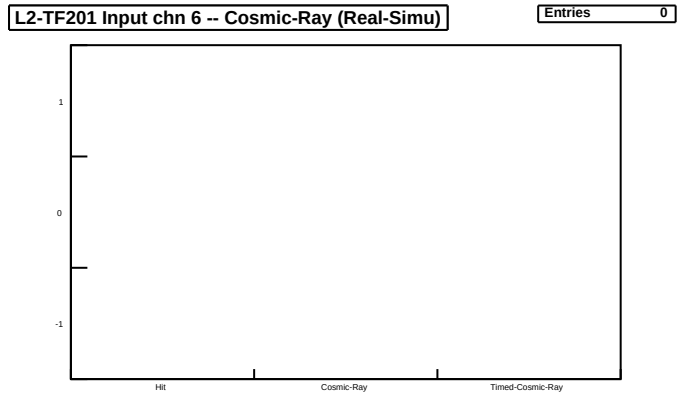

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 305634
21
101857
101878
101878
Hit
Cosmic-Ray
Timed-Cosmic-Ray

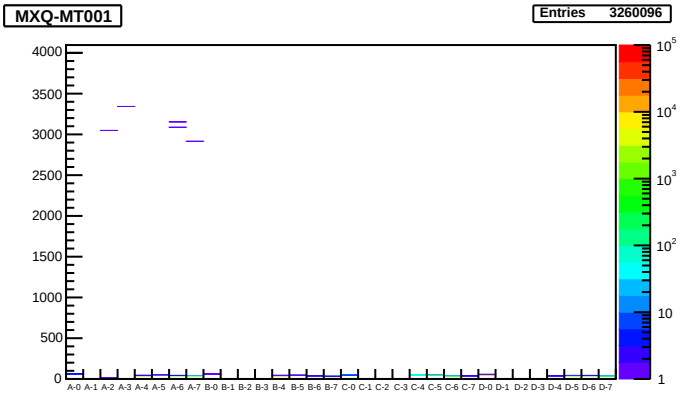

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

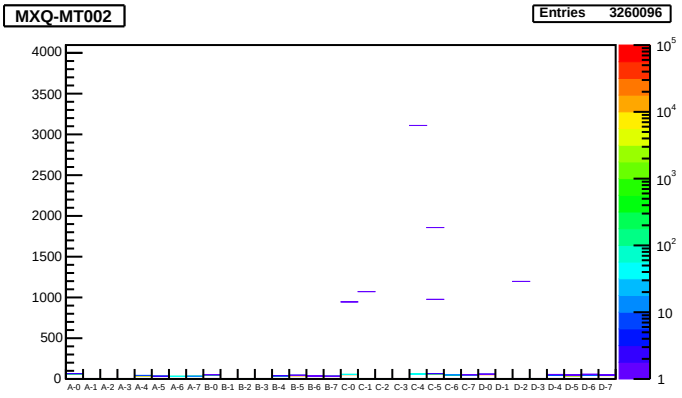

L2-TF201 Input chn 6 -- Number of Muons
Entries 101878
Number of Muons

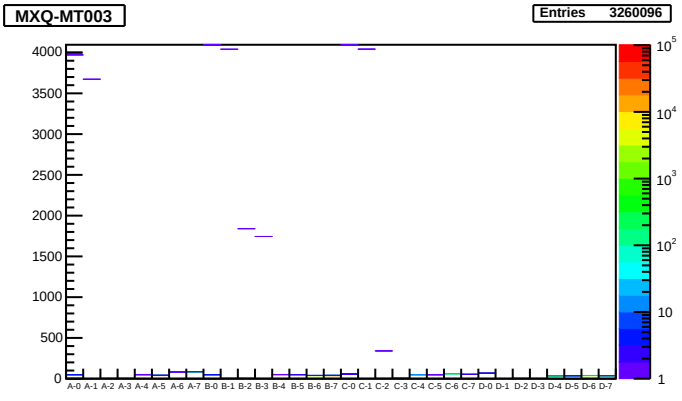

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

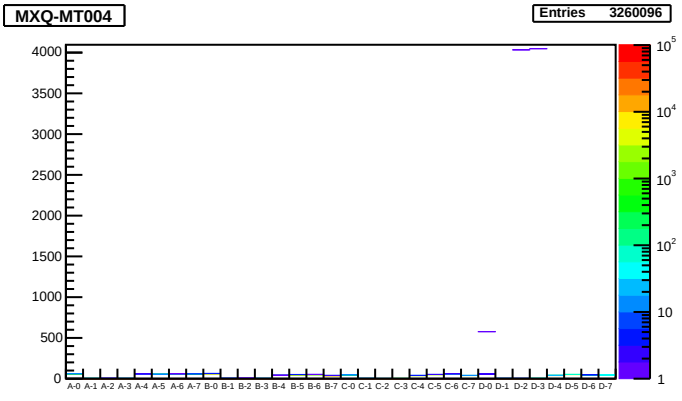

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 305634
101878
101878
101878
Hit
Cosmic-Ray
Timed-Cosmic-Ray

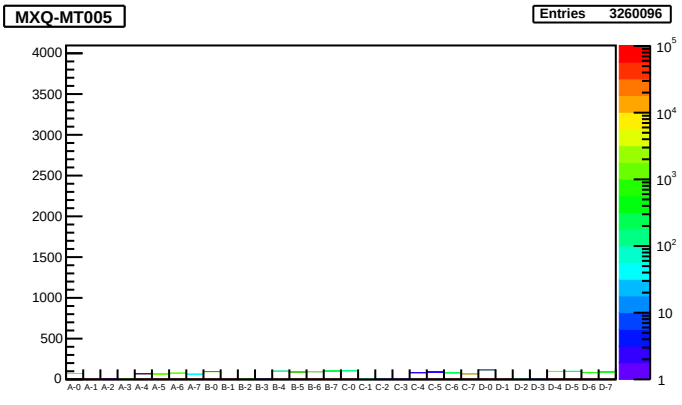

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

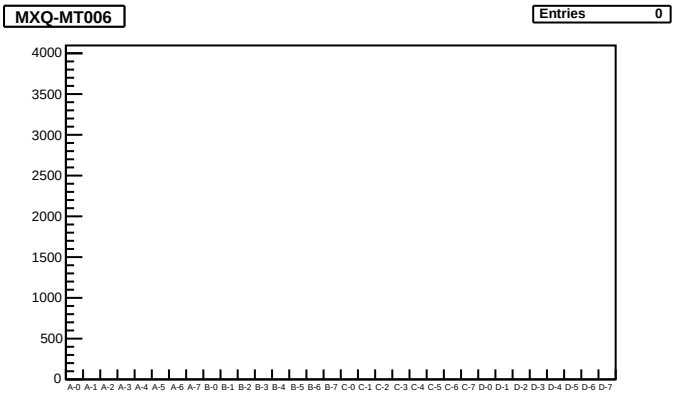

MXQ-MT001
Entries 3260096

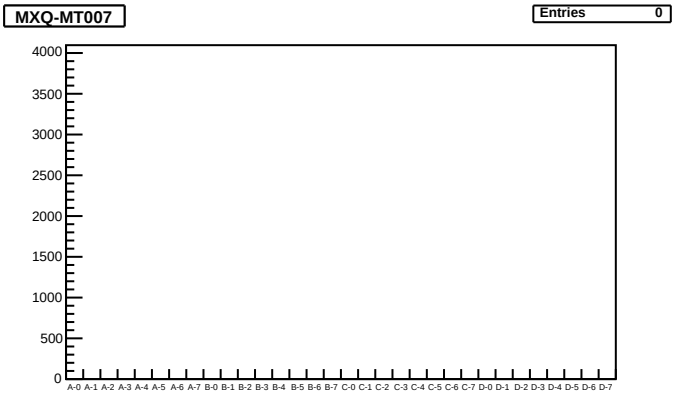

MXQ-MT002
Entries 3260096

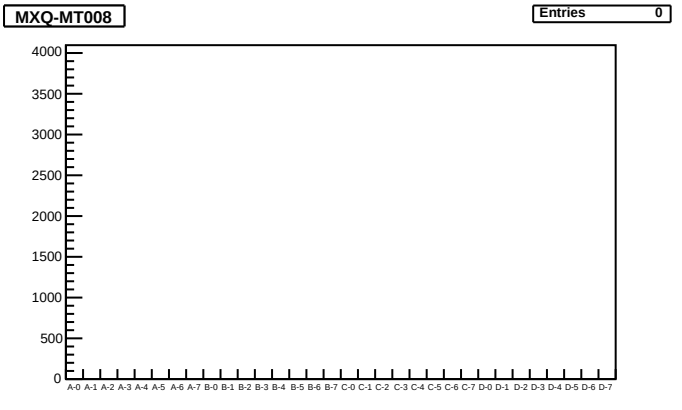

MXQ-MT003
Entries 3260096

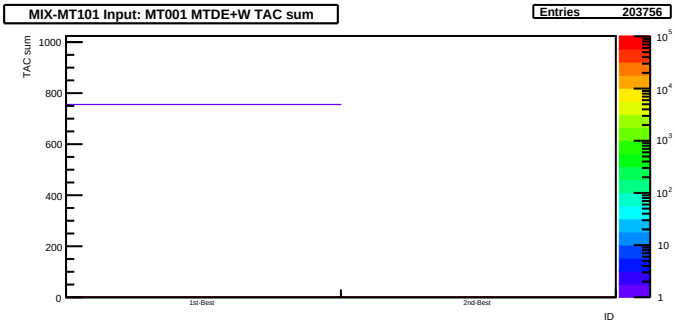

MXQ-MT004
Entries 3260096

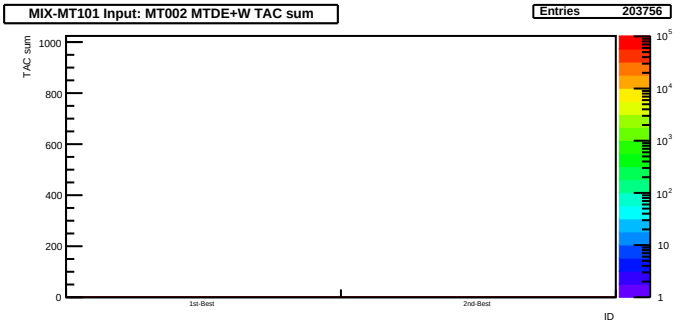

MXQ-MT005
Entries 3260096

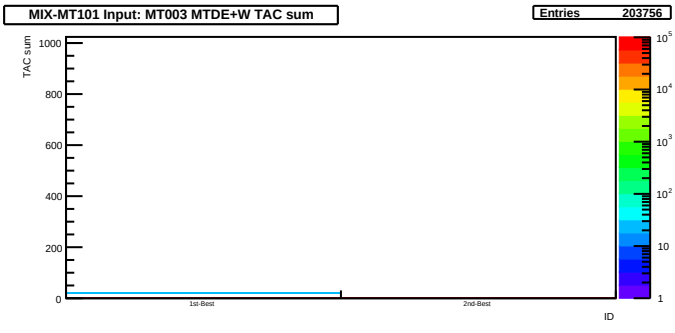

MXQ-MT006
Entries 0

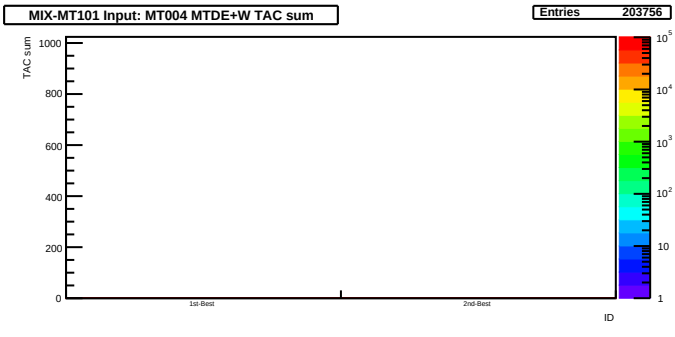

MXQ-MT007
Entries 0

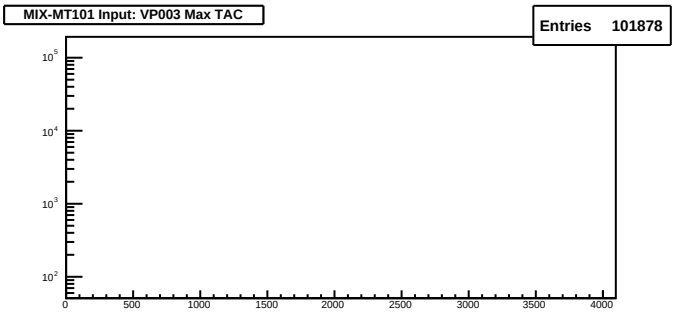

MXQ-MT008
Entries 0

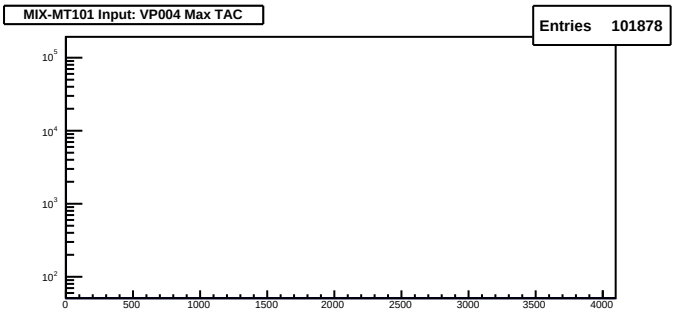

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID

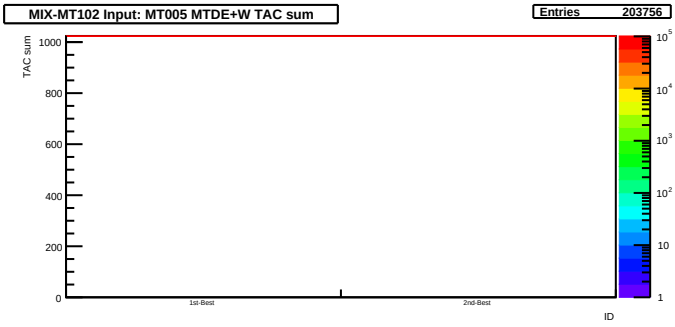

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID

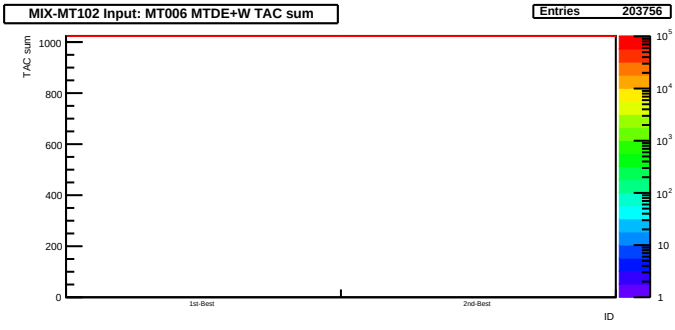

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID

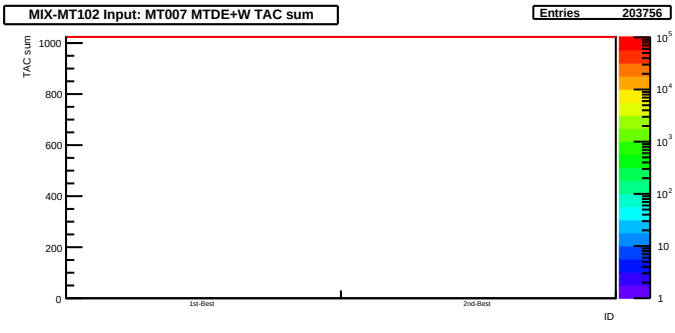

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID

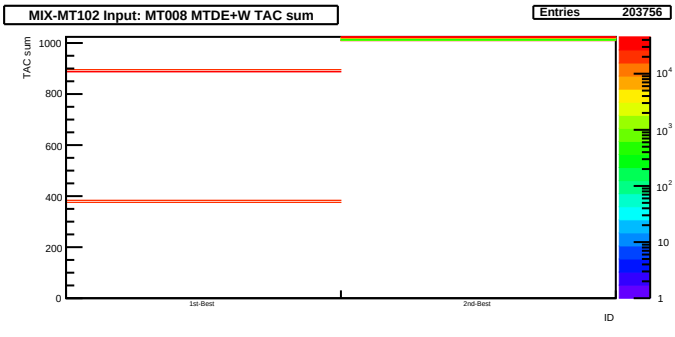

MIX-MT101 Input: VP003 Max TAC
Entries 101878

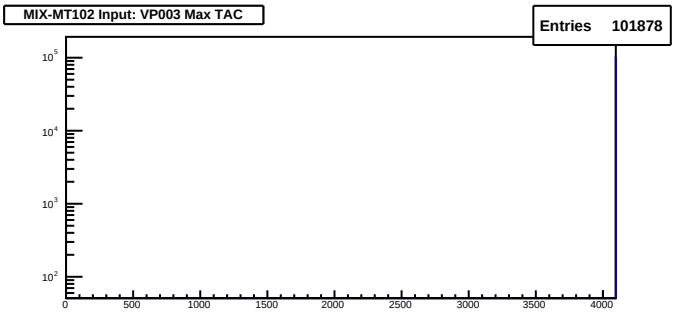

MIX-MT101 Input: VP004 Max TAC
Entries 101878

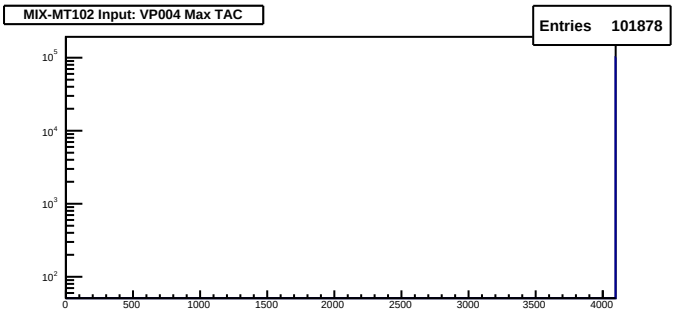

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID

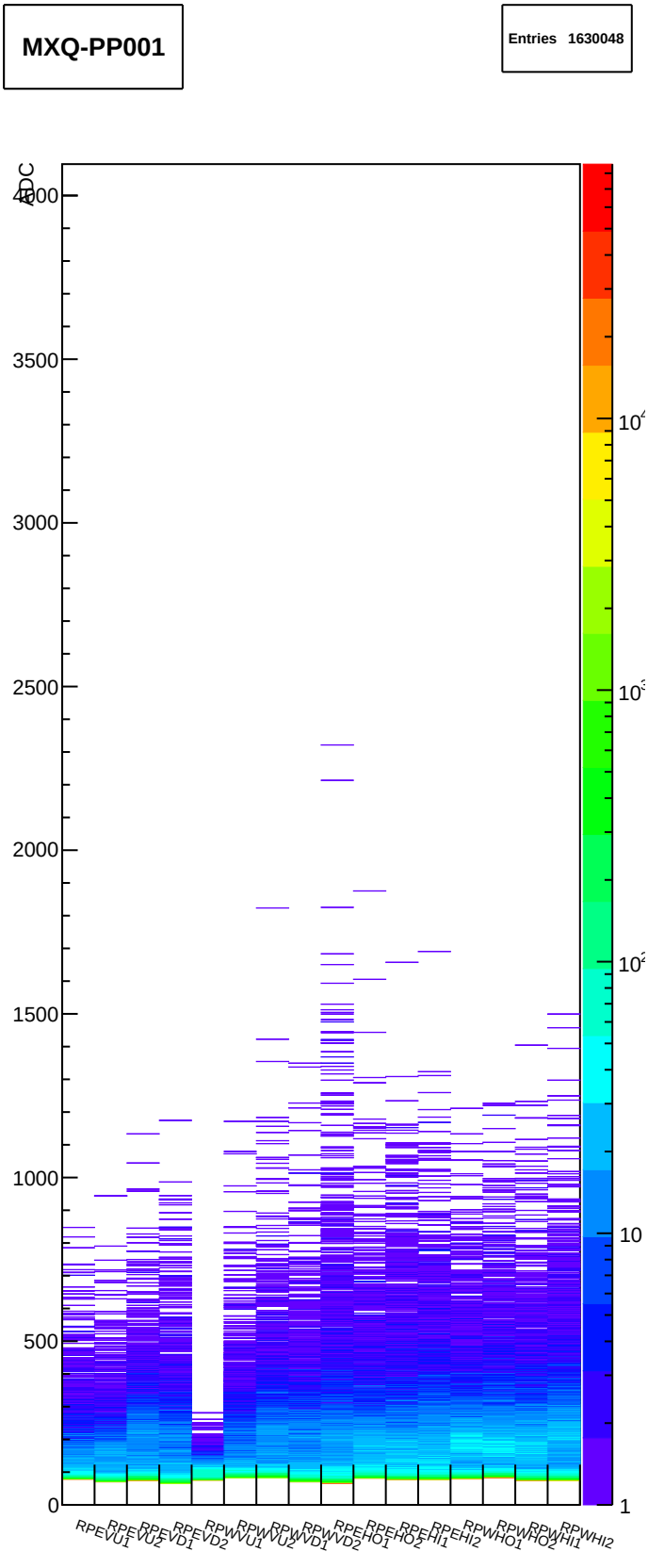

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID

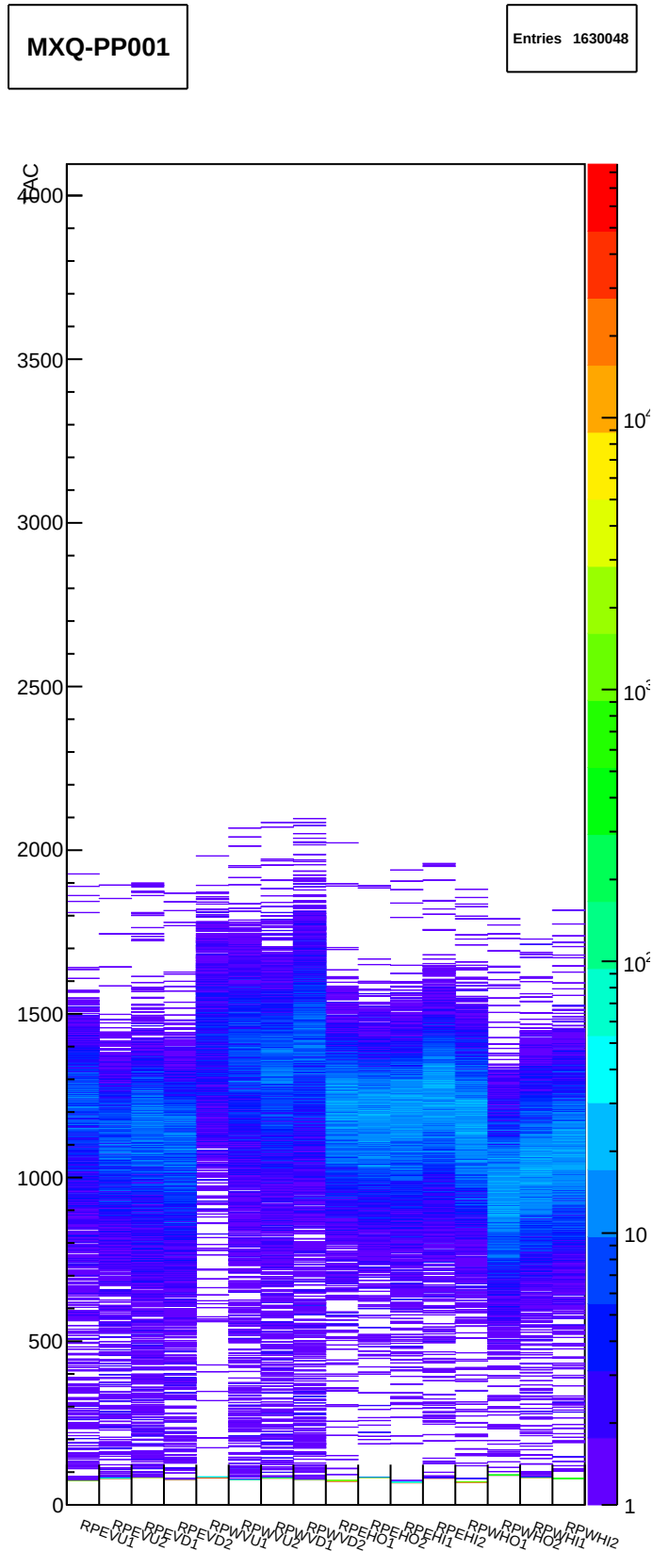

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 203756
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 101878


MIX-MT102 Input: VP004 Max TAC
Entries 101878


MXQ-PP001
Entries 1630048
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 1630048
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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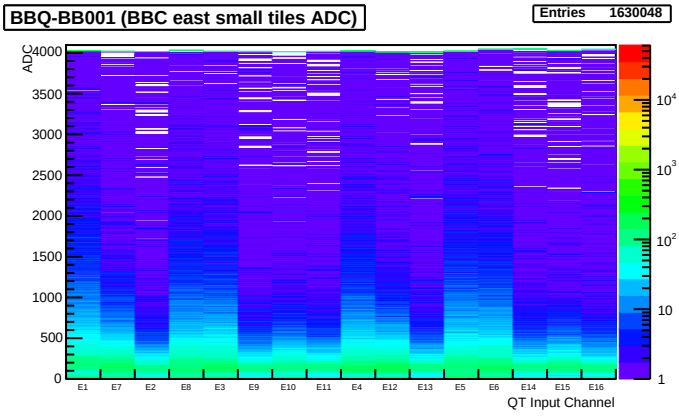
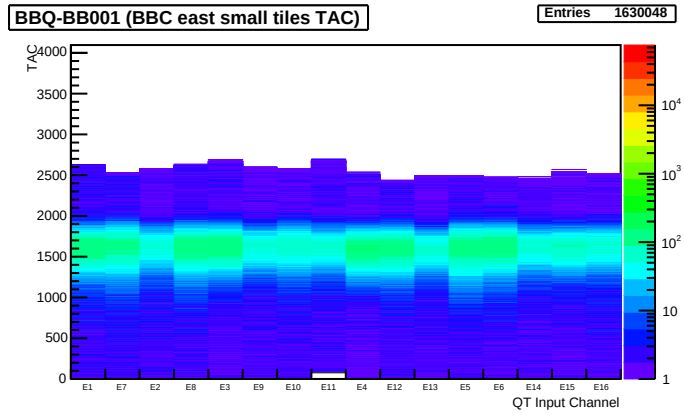
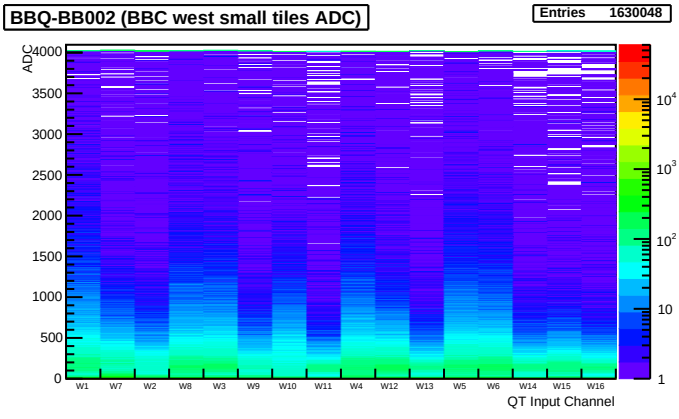
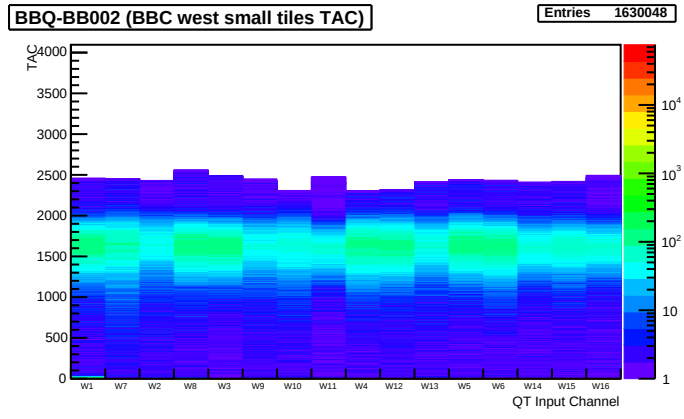
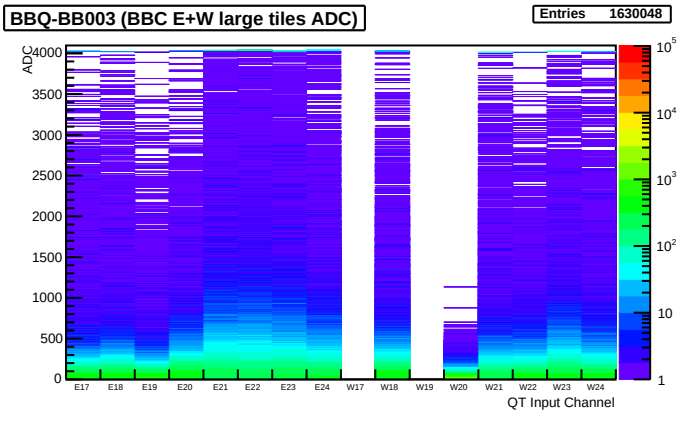
RPWHI1
RPWHI2
10
1

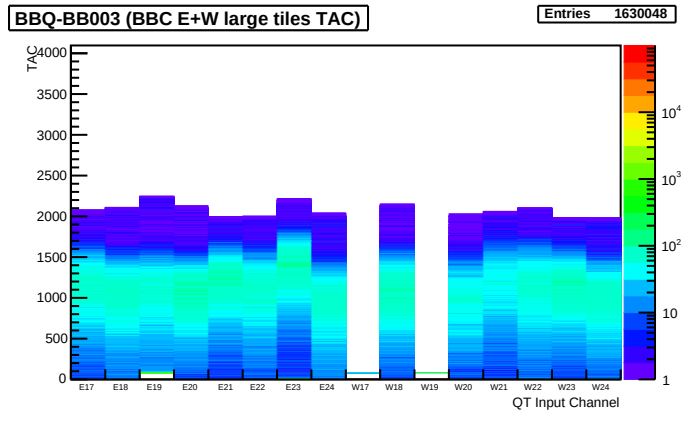

BBQ-BB001 (BBC east small tiles ADC)
Entries 1630048
ADC
QT Input Channel

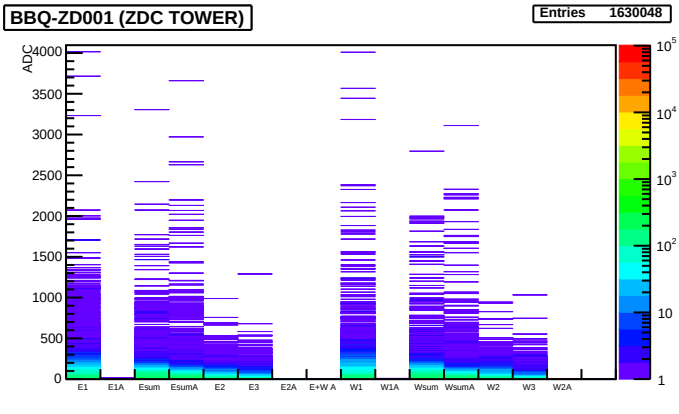

BBQ-BB001 (BBC east small tiles TAC)
Entries 1630048
TAC
QT Input Channel

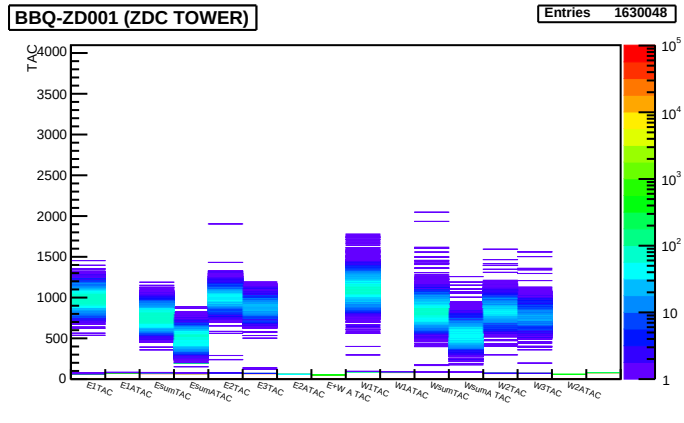

BBQ-BB002 (BBC west small tiles ADC)
Entries 1630048
ADC
QT Input Channel

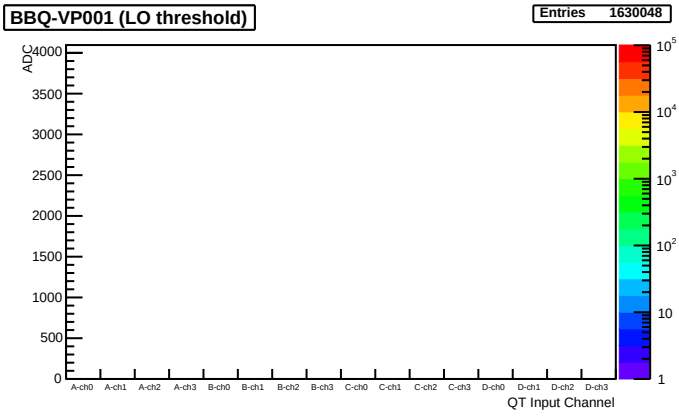

BBQ-BB002 (BBC west small tiles TAC)
Entries 1630048
TAC
QT Input Channel

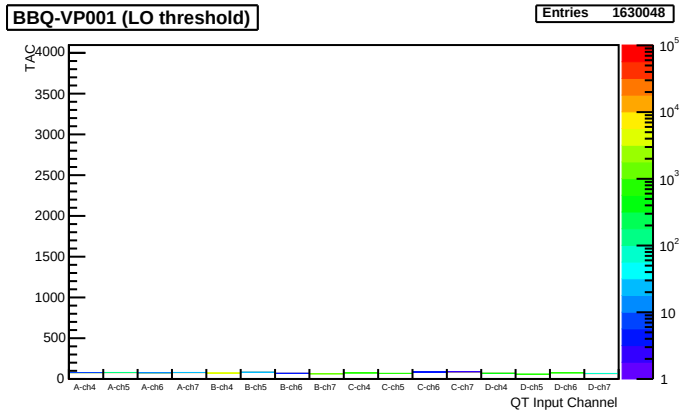

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1630048
ADC
QT Input Channel

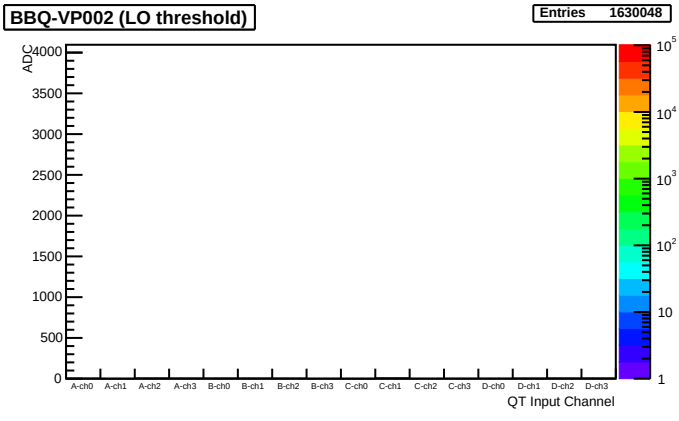

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1630048
TAC
QT Input Channel

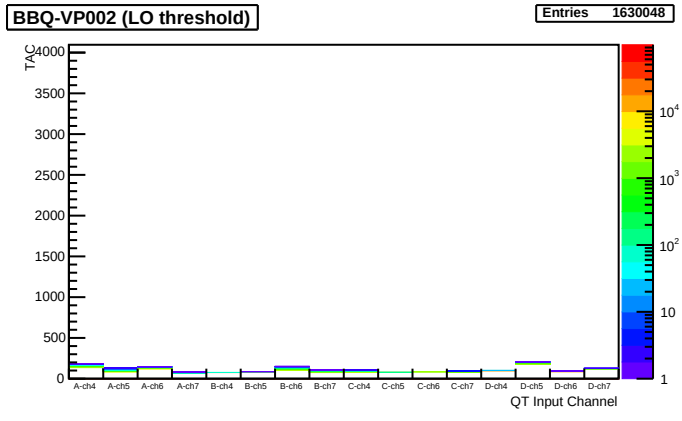

BBQ-ZD001 (ZDC TOWER)
Entries 1630048
ADC

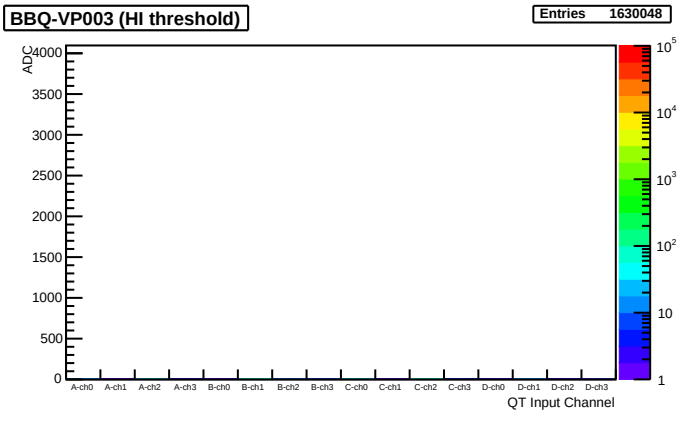

BBQ-ZD001 (ZDC TOWER)
Entries 1630048
TAC

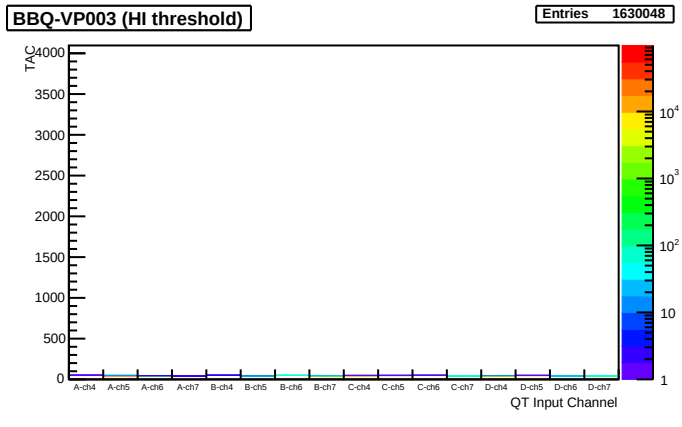

BBQ-VP001 (LO threshold)
Entries 1630048
ADC
QT Input Channel

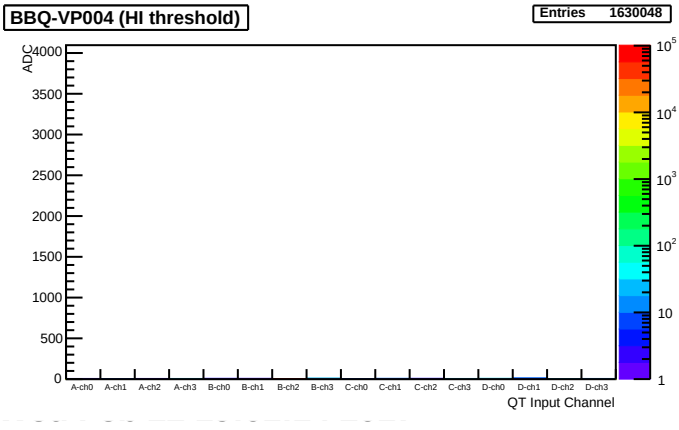

BBQ-VP001 (LO threshold)
Entries 1630048
TAC
QT Input Channel

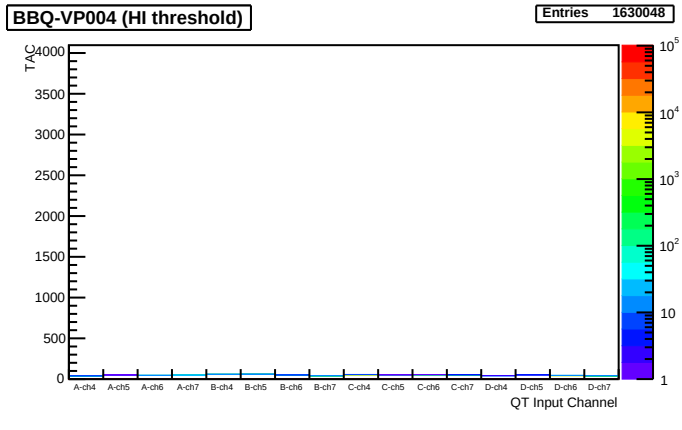

BBQ-VP002 (LO threshold)
Entries 1630048
ADC
QT Input Channel

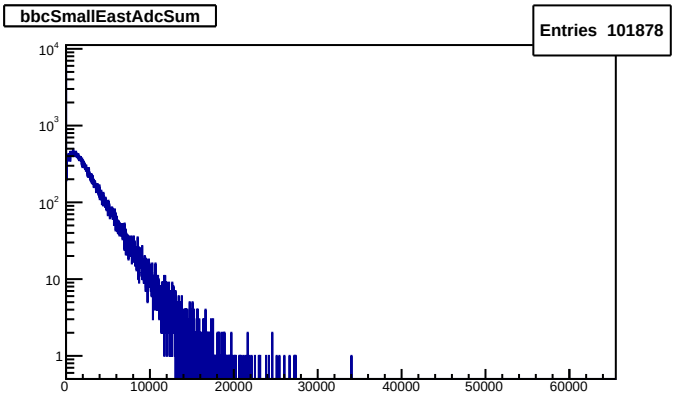

BBQ-VP002 (LO threshold)
Entries 1630048
TAC
QT Input Channel

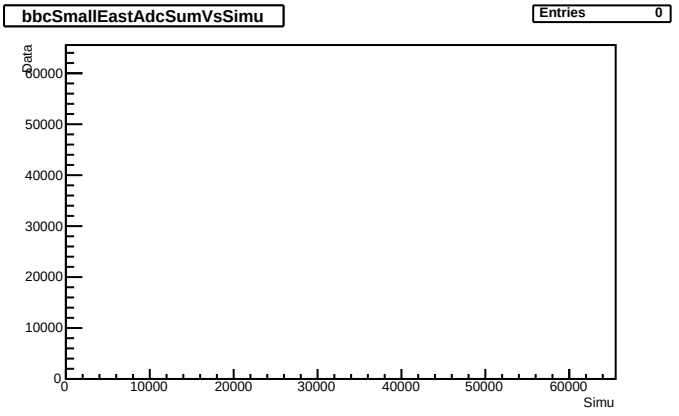

BBQ-VP003 (HI threshold)
Entries 1630048
ADC
QT Input Channel

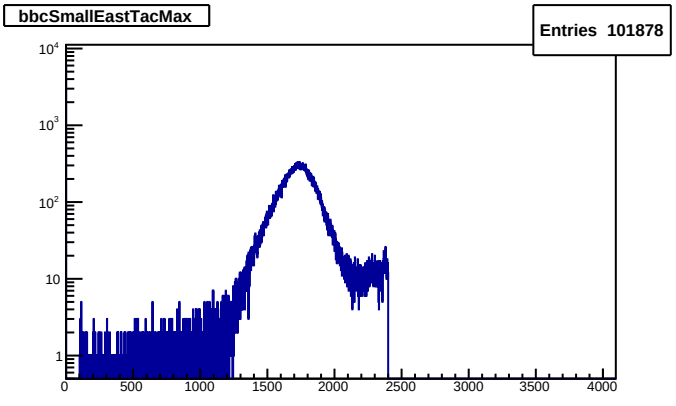

BBQ-VP003 (HI threshold)
Entries 1630048
TAC
QT Input Channel

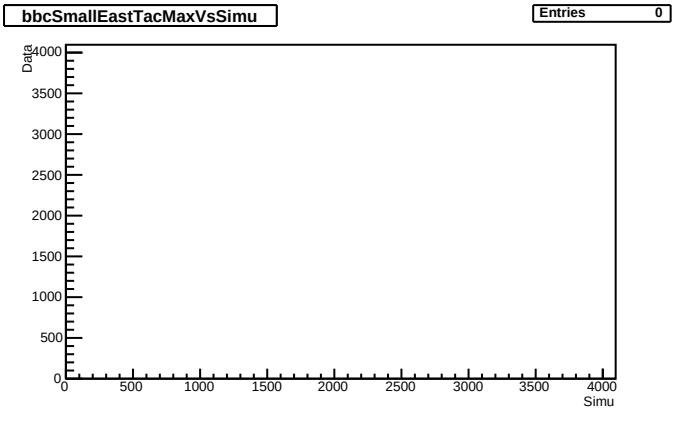

BBQ-VP004 (HI threshold)
Entries 1630048
ADC
QT Input Channel

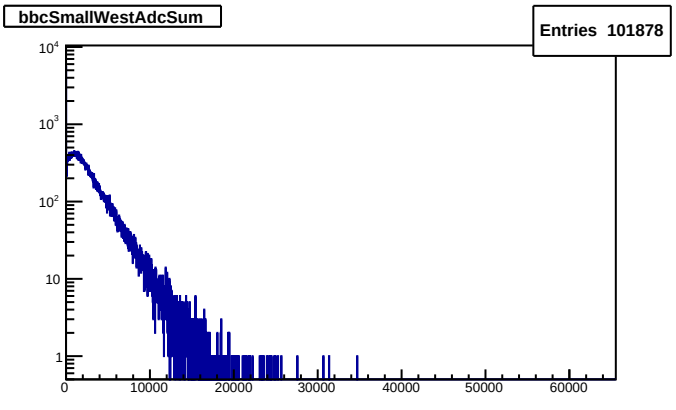

BBQ-VP004 (HI threshold)
Entries 1630048
TAC
QT Input Channel

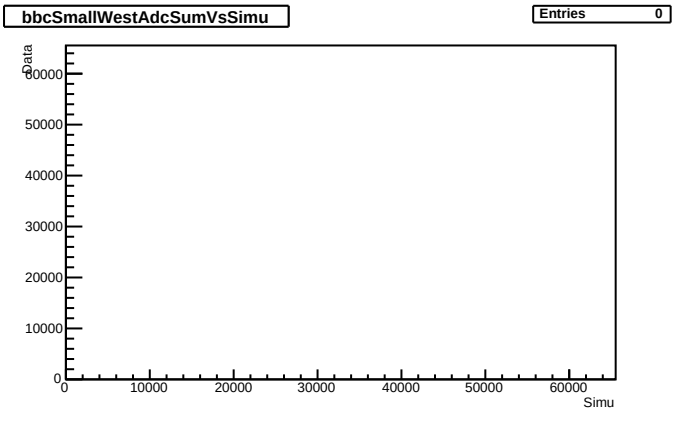

bbcSmallEastAdcSum
Entries 101878

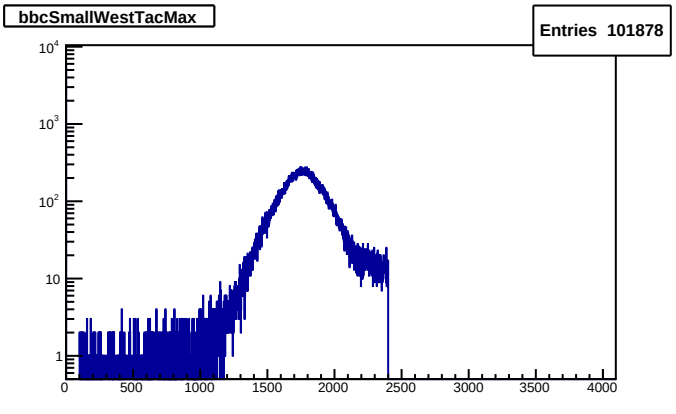

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

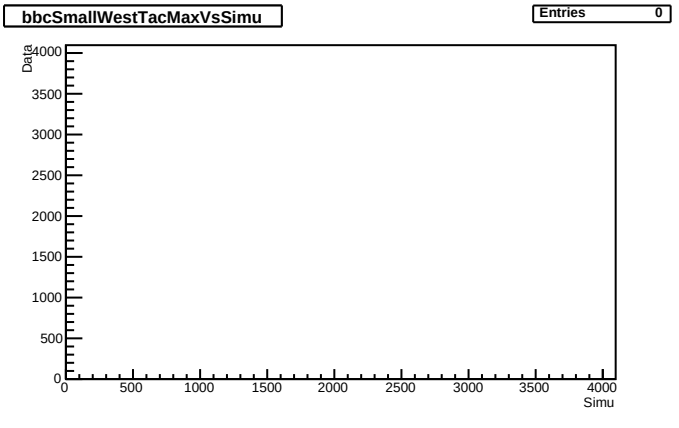

bbcSmallEastTacMax
Entries 101878

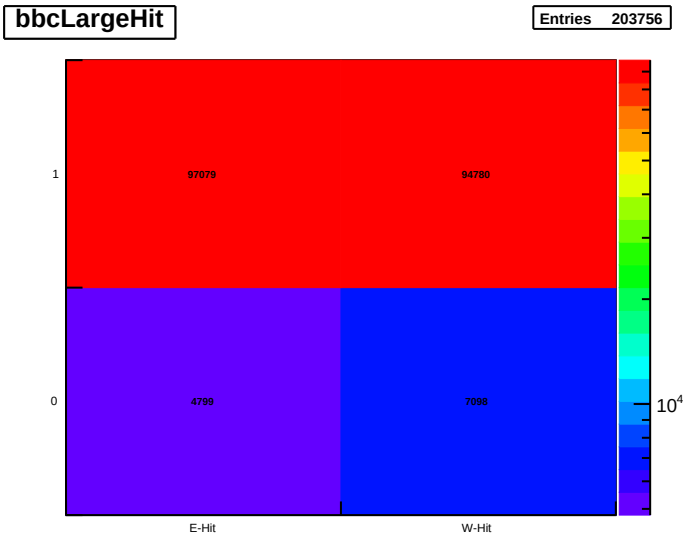

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

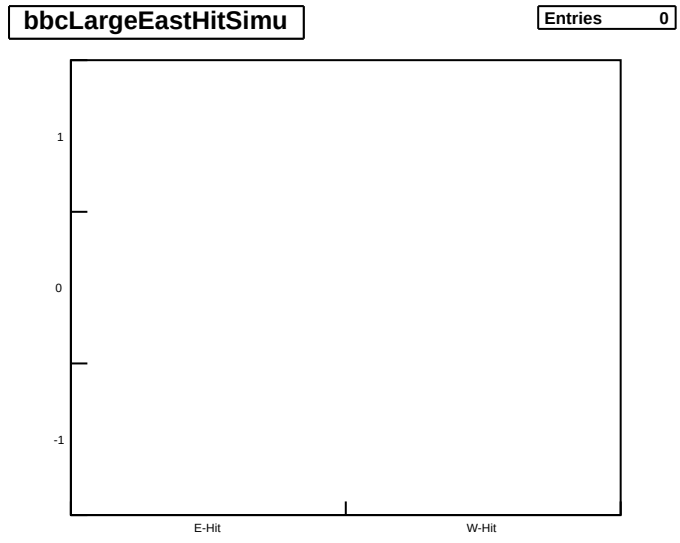

bbcSmallWestAdcSum
Entries 101878

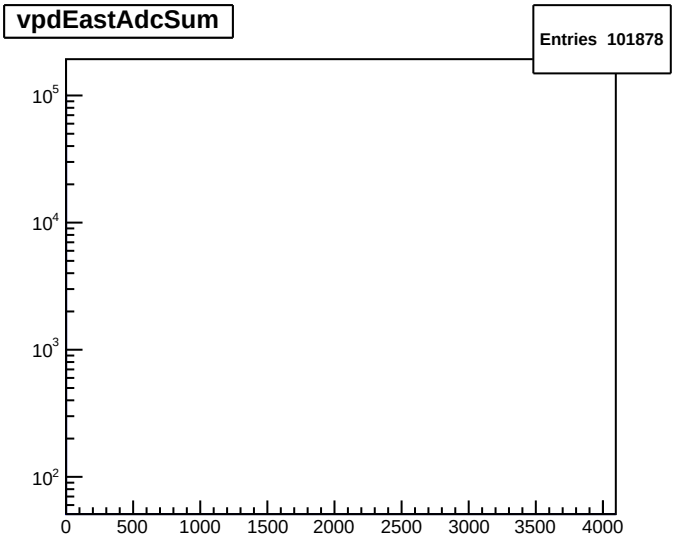

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

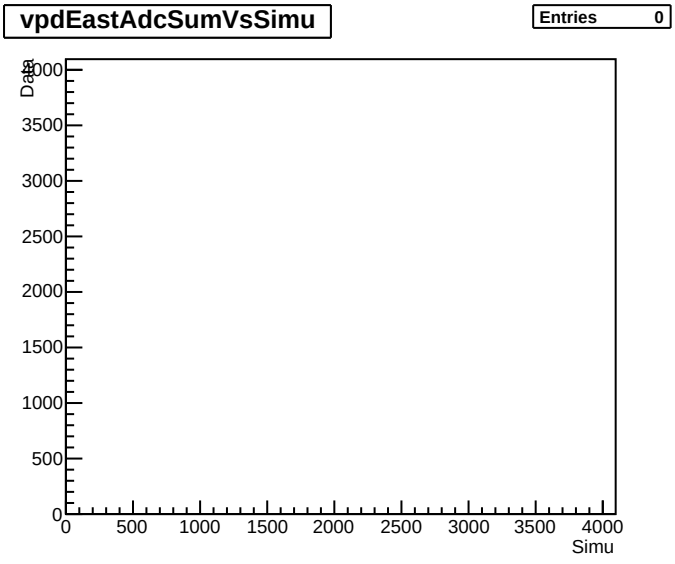

bbcSmallWestTacMax
Entries 101878

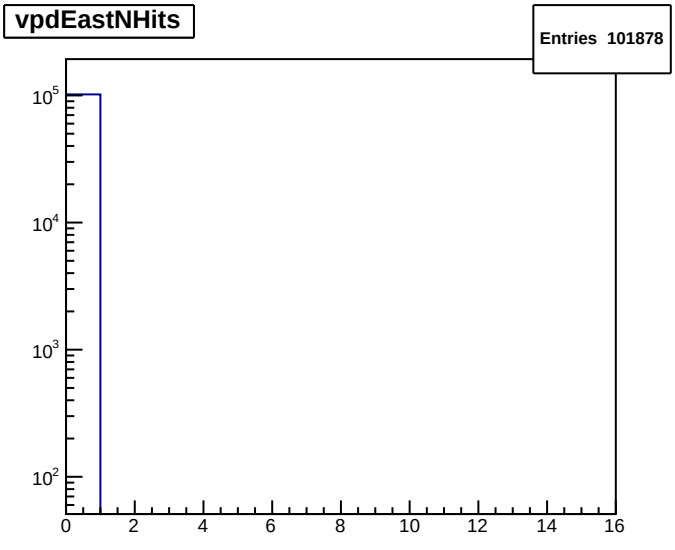

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

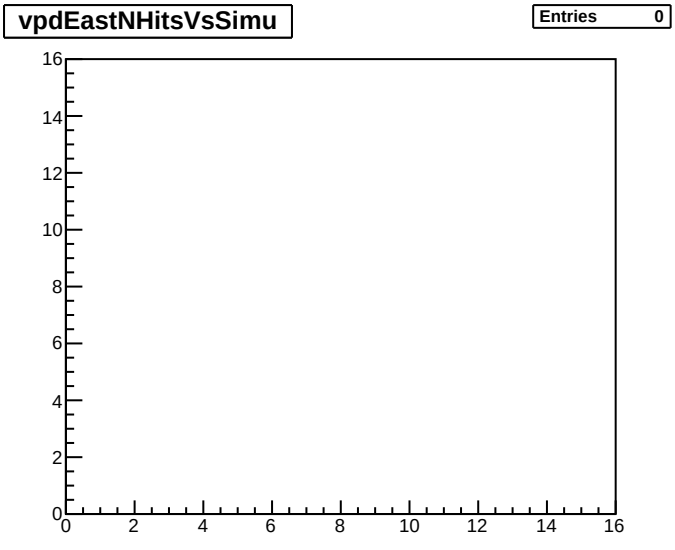

bbcLargeHit
Entries 203756
1
0
97079
94780
4799
7098
10^4
E-Hit
W-Hit

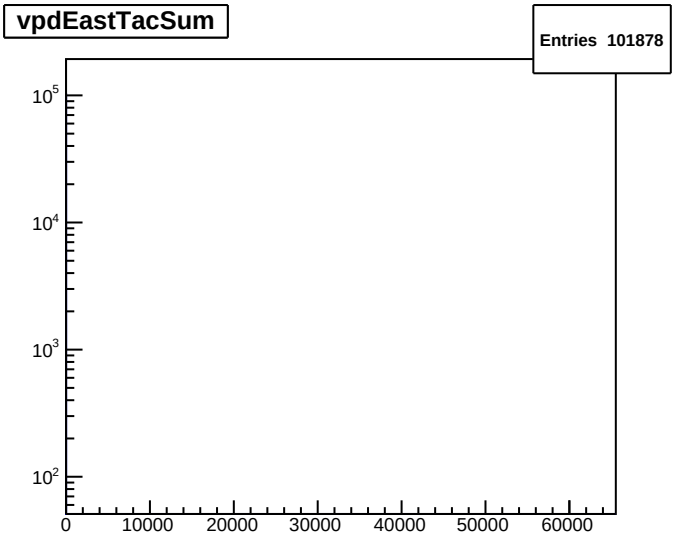

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

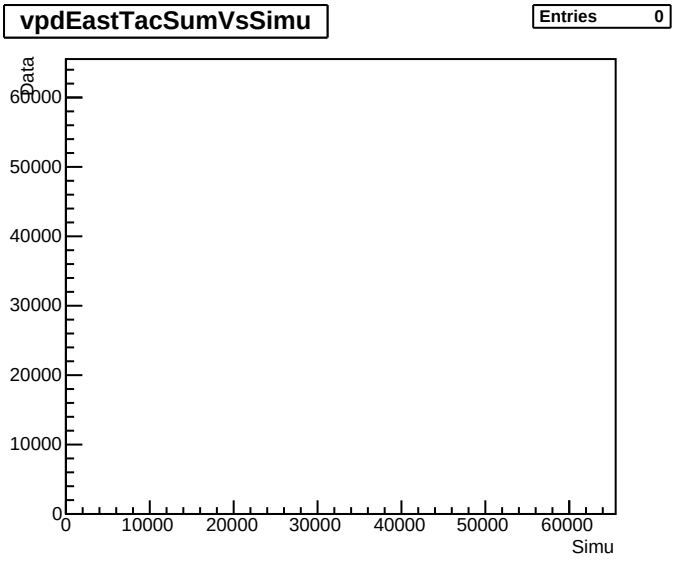

vpdEastAdcSum
Entries 101878

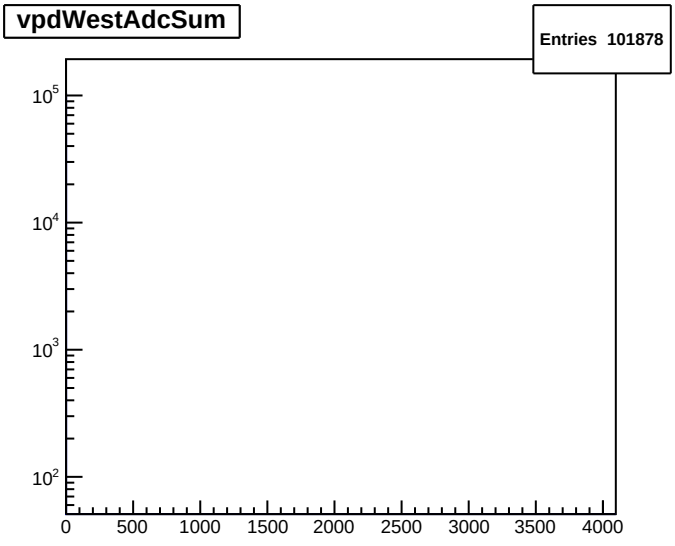

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

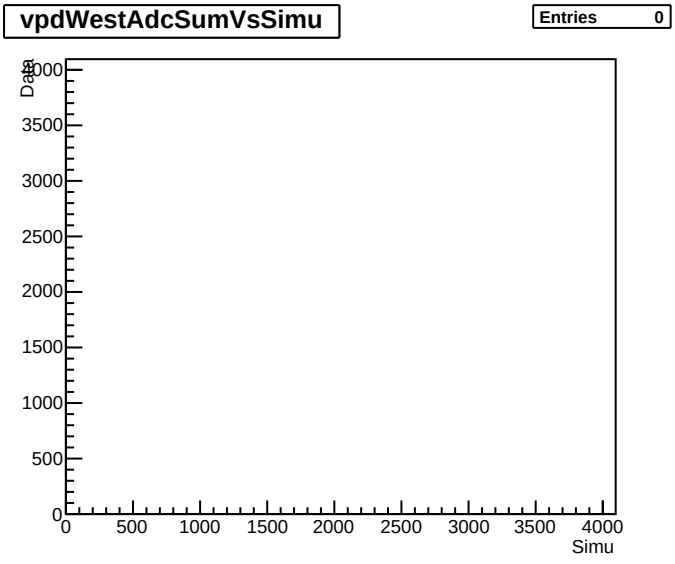

vpdEastNHits
Entries 101878

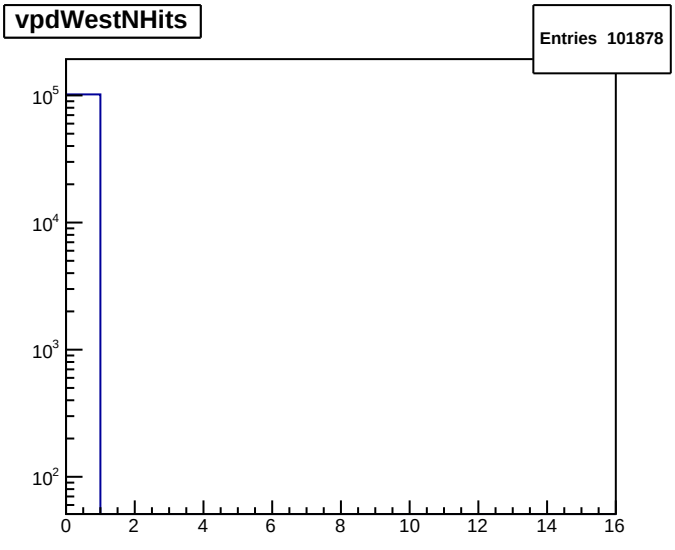

vpdEastNHitsVsSimu
Entries 0

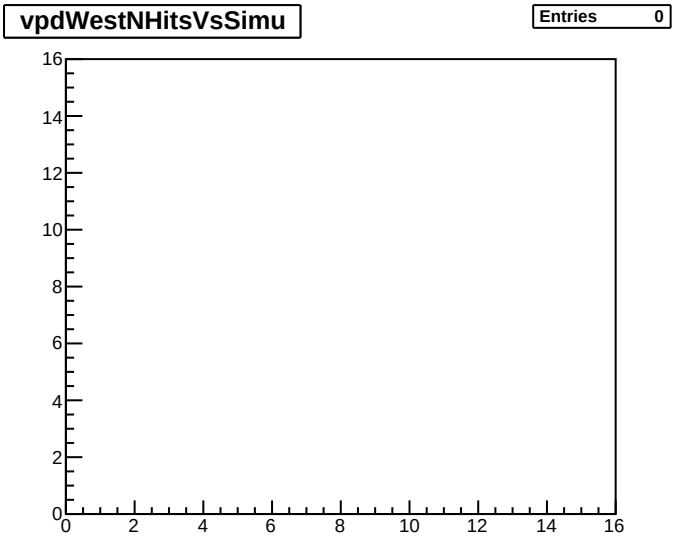

vpdEastTacSum
Entries 101878

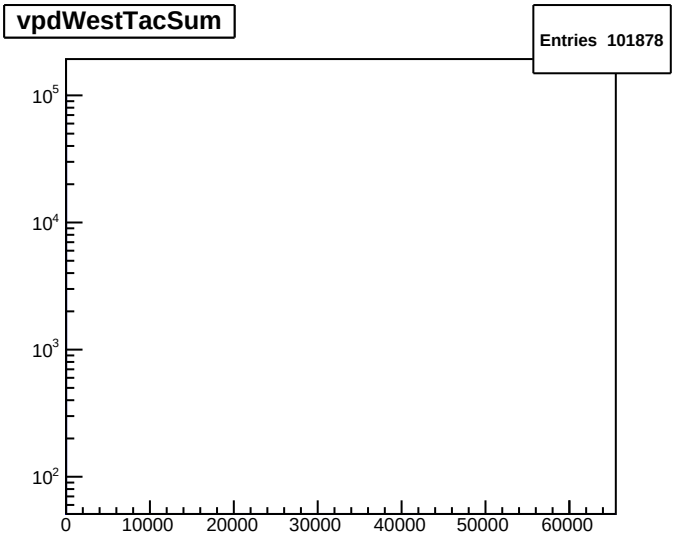

vpdEastTacSumVsSimu
Entries 0
Data
Simu

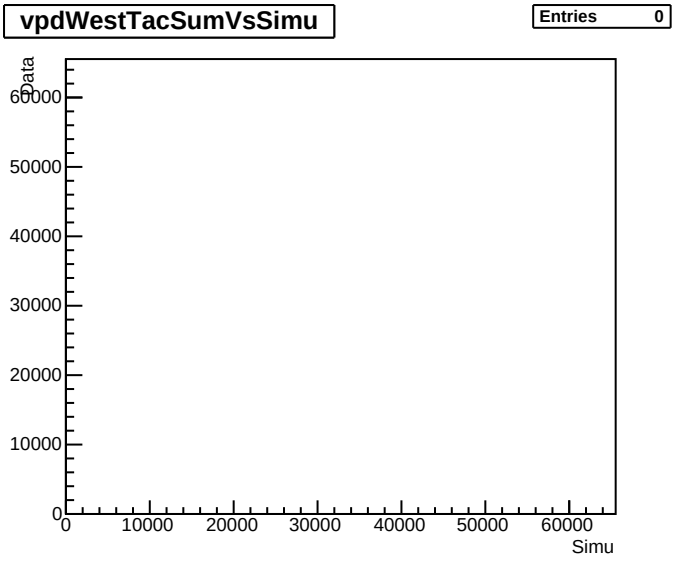

vpdWestAdcSum
Entries 101878

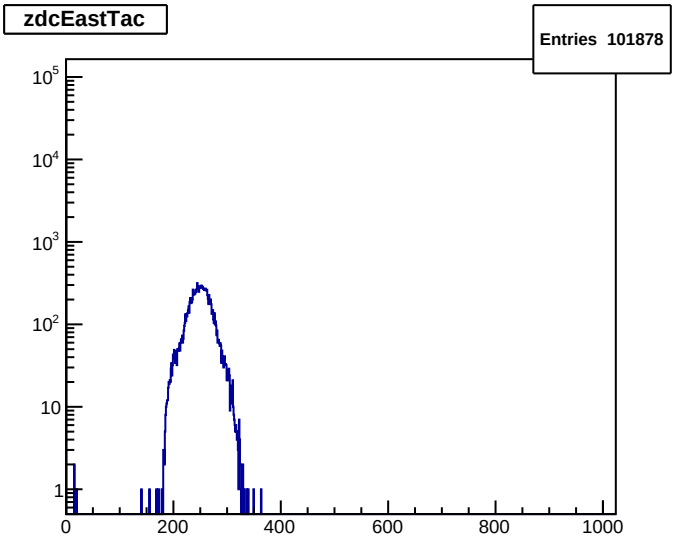

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

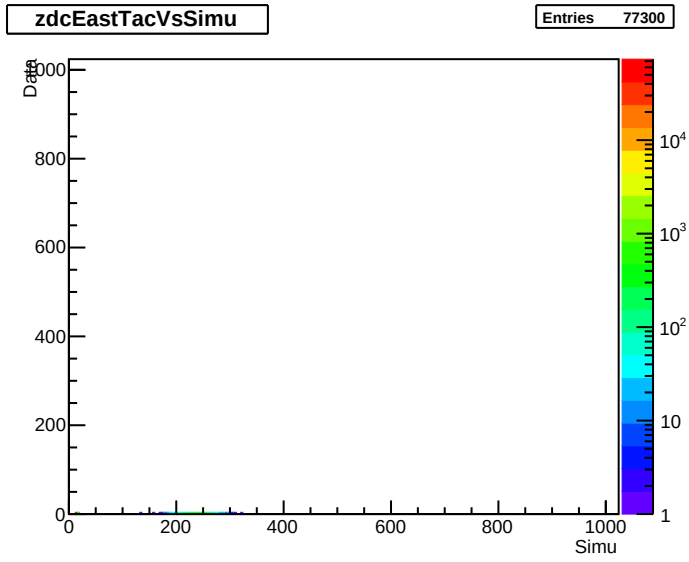

vpdWestNHits
Entries 101878

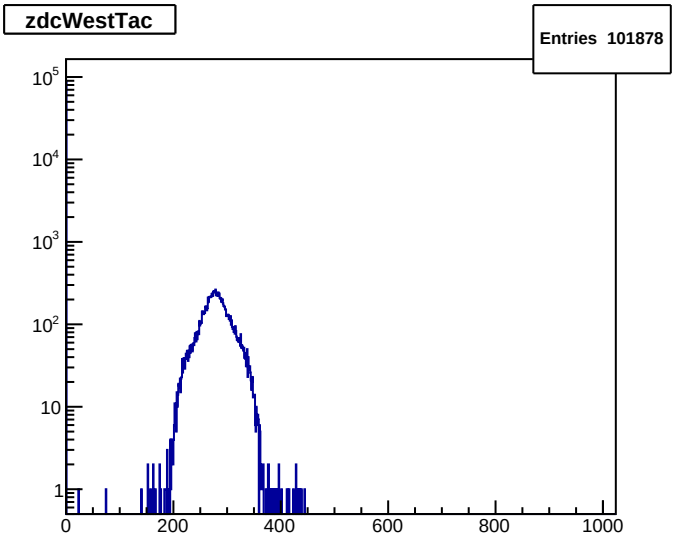

vpdWestNHitsVsSimu
Entries 0

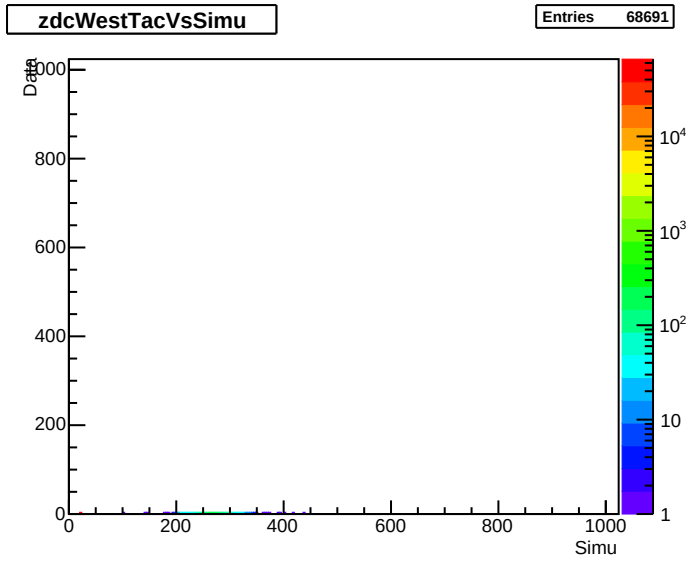

vpdWestTacSum
Entries 101878

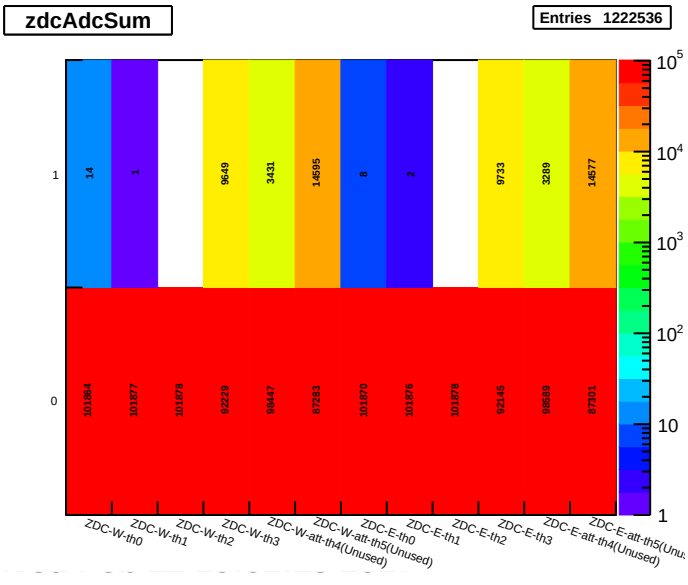

vpdWestTacSumVsSimu
Entries 0
Data
Simu

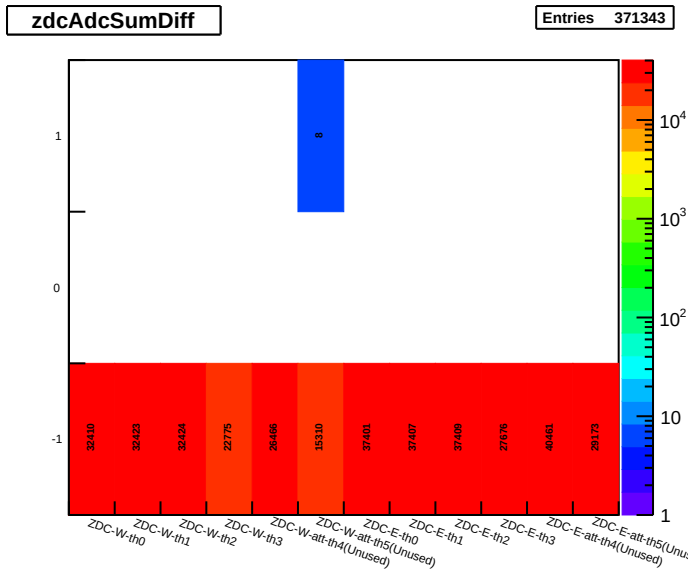

zdcEastTac
Entries 101878

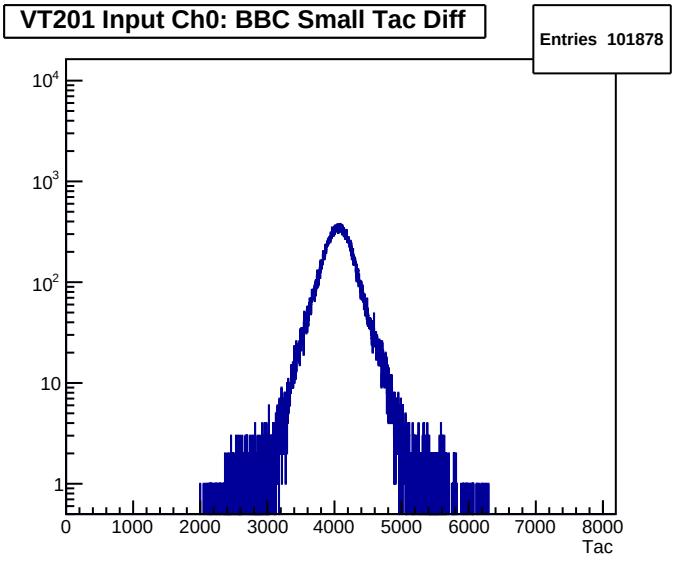

zdcEastTacVsSimu
Entries 77300
Data
Simu

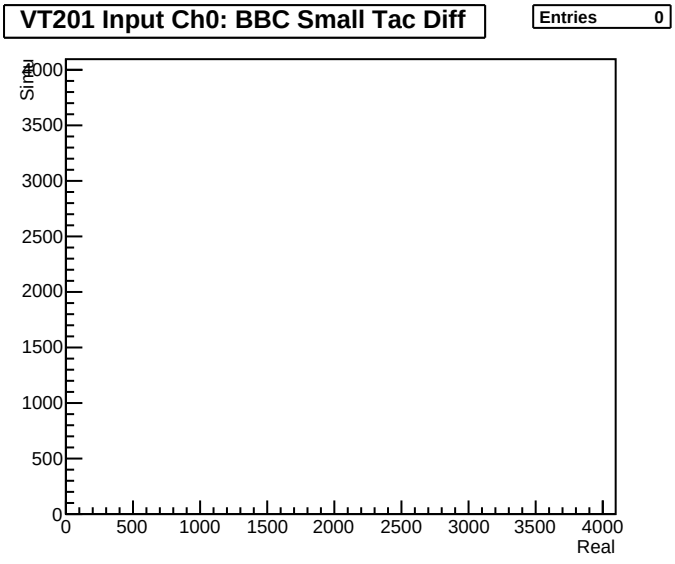

zdcWestTac
Entries 101878

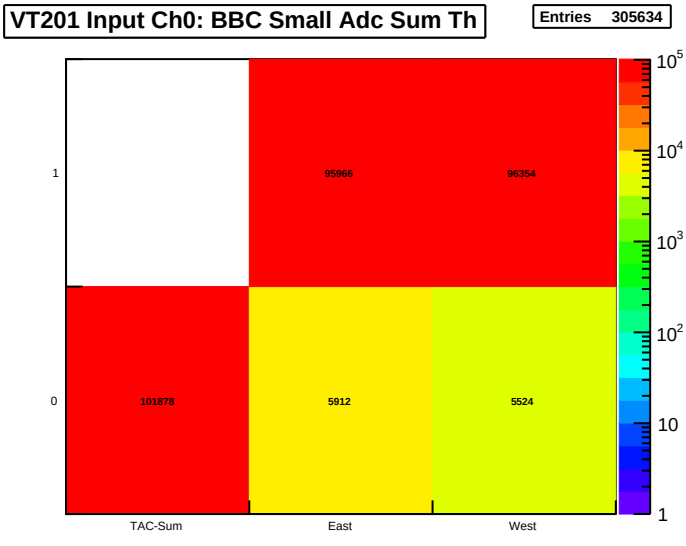

zdcWestTacVsSimu
Entries 68691
Data
Simu

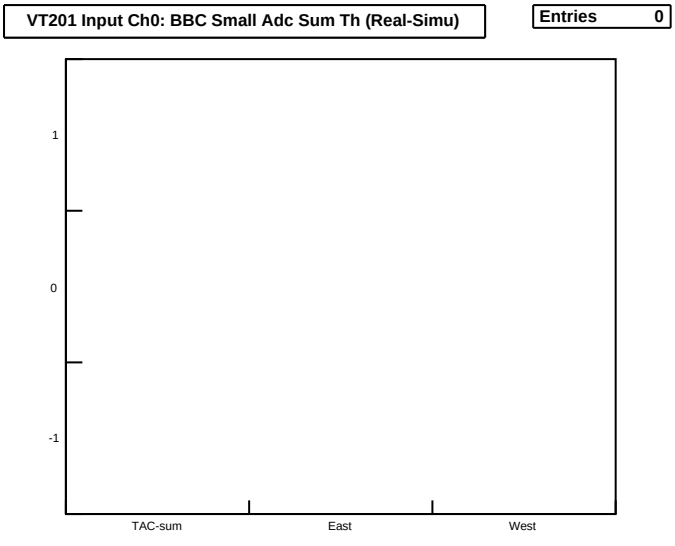

zdcAdcSum
Entries 1222536
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

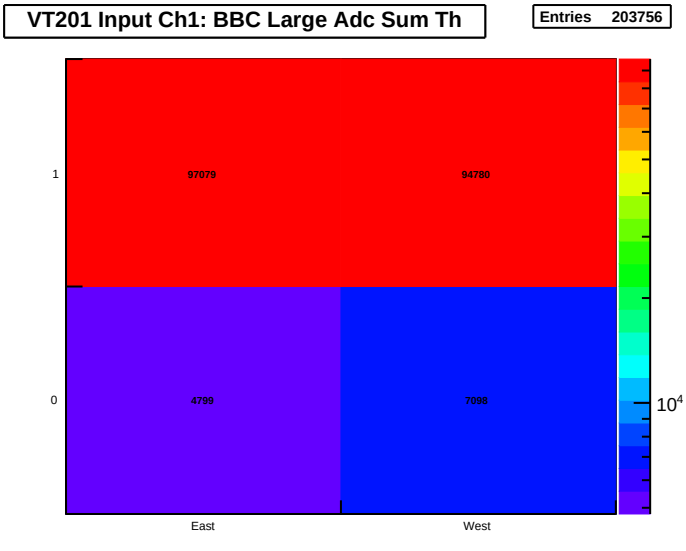

zdcAdcSumDiff
Entries 371343
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

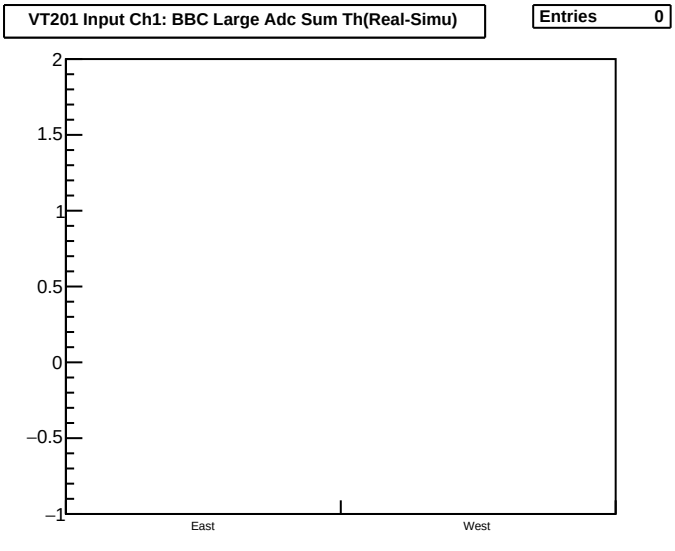

VT201 Input Ch0: BBC Small Tac Diff
Entries 101878
Tac


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

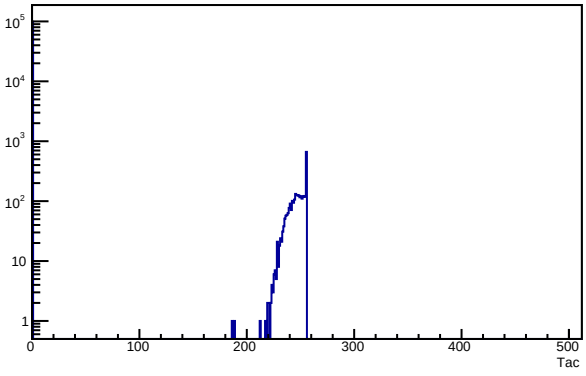

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 305634
95966
96354
101878
5912
5524
TAC-Sum
East
West


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

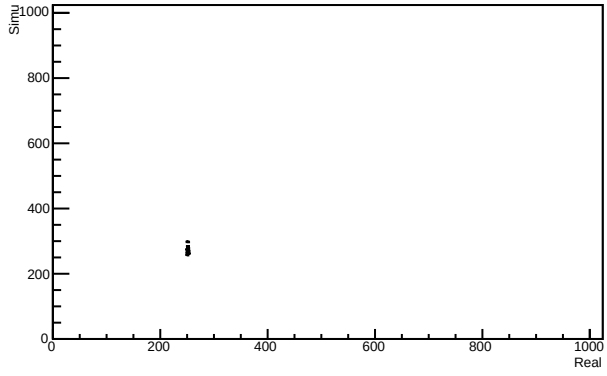

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 203756
97079
94780
4799
7098
East
West


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

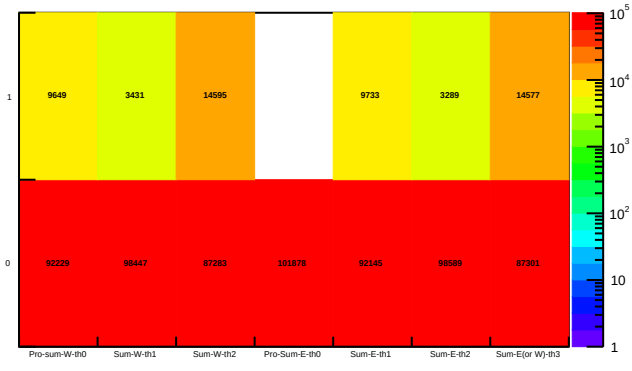
VT201 Input Ch2: ZDC Tac Diff



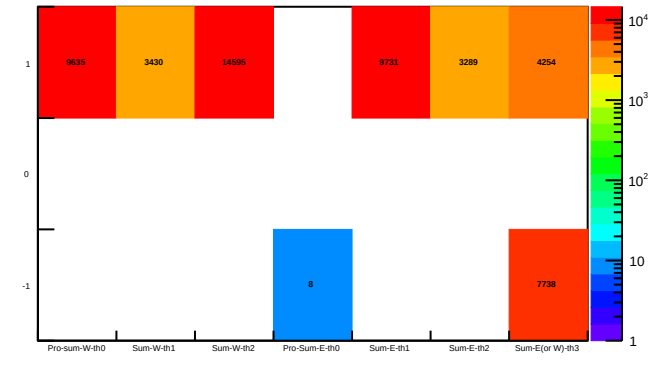
VT201 Input Ch2: ZDC Tac Diff



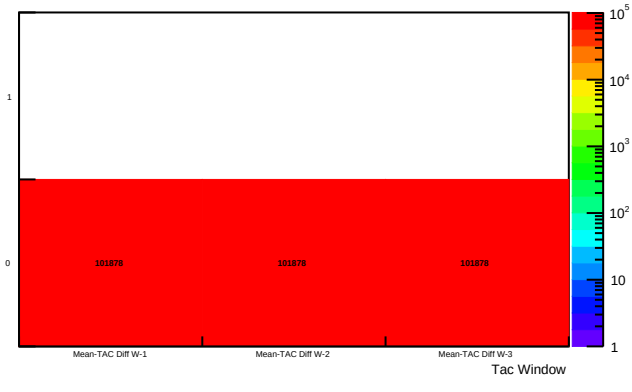
VT201 Input Ch2: ZDC Adc Sum Th



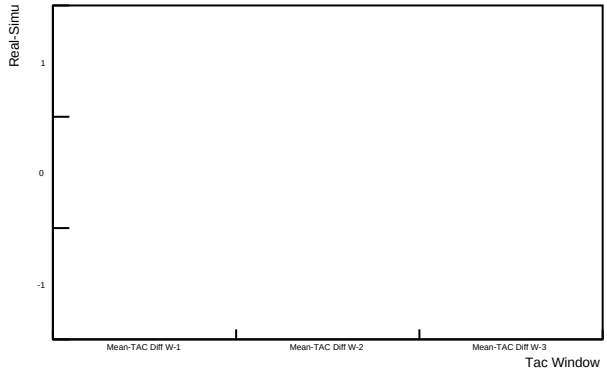
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



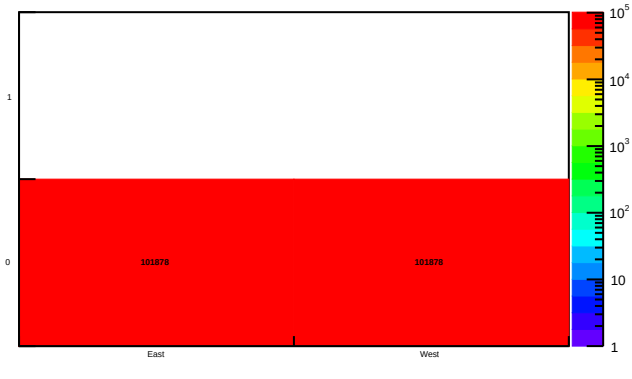
VT201 Input Ch4: VPD Tac Diff



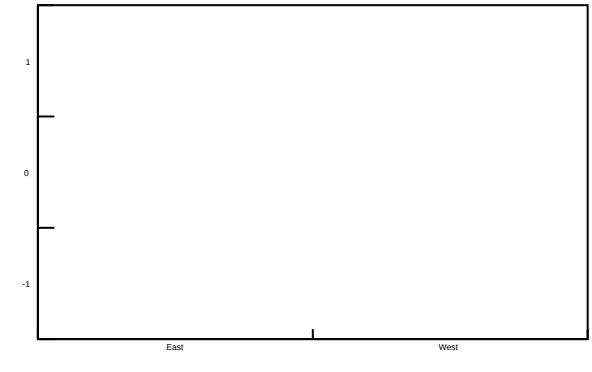
VT201 Input Ch4: VPD Tac Diff

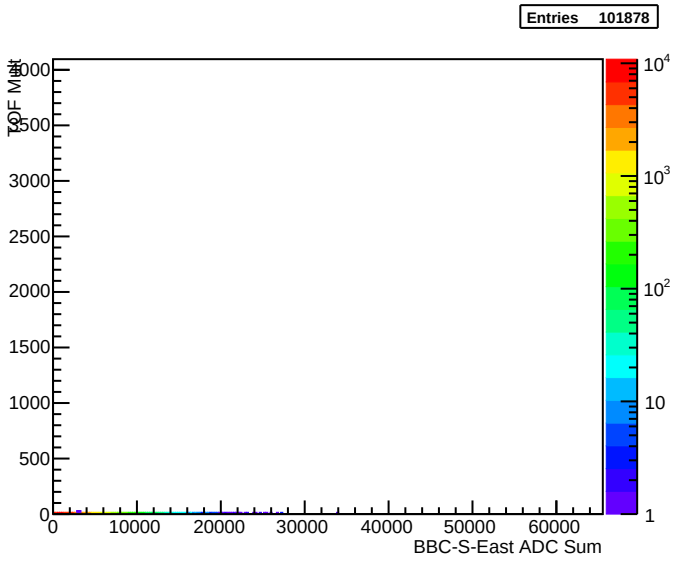


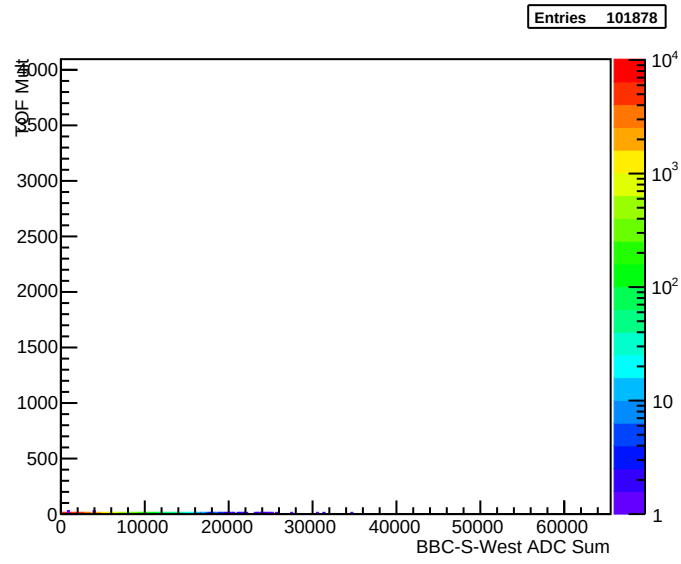
VT201 Input Ch4: VPD Adc Sum Th

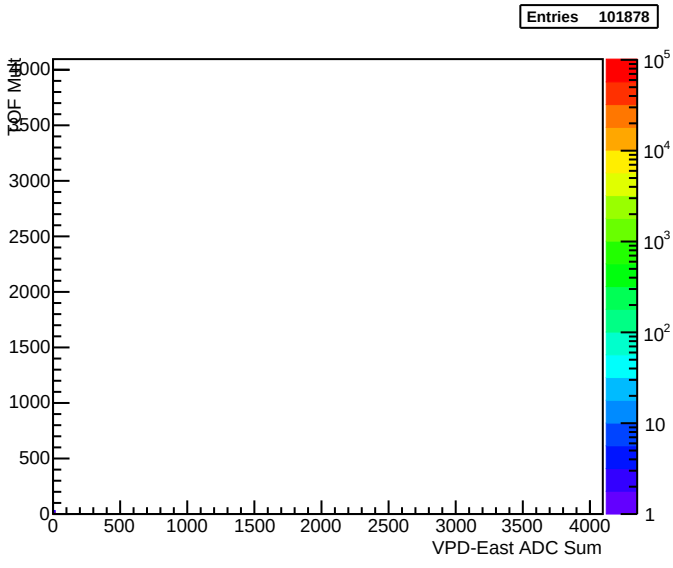


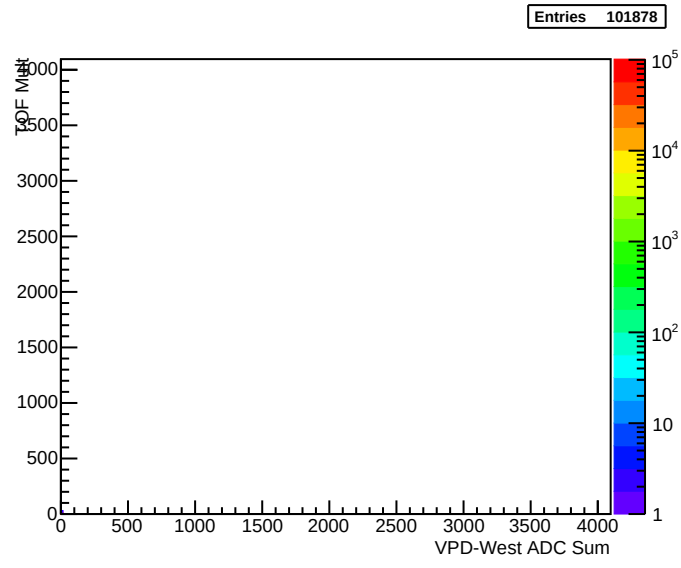
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

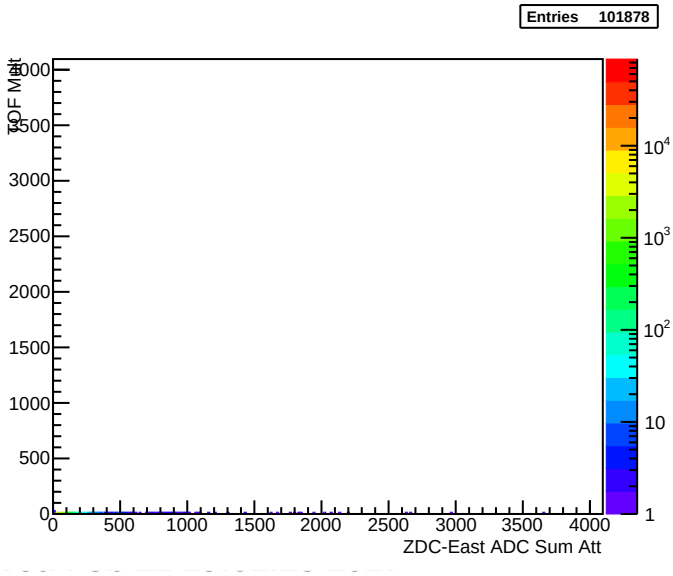


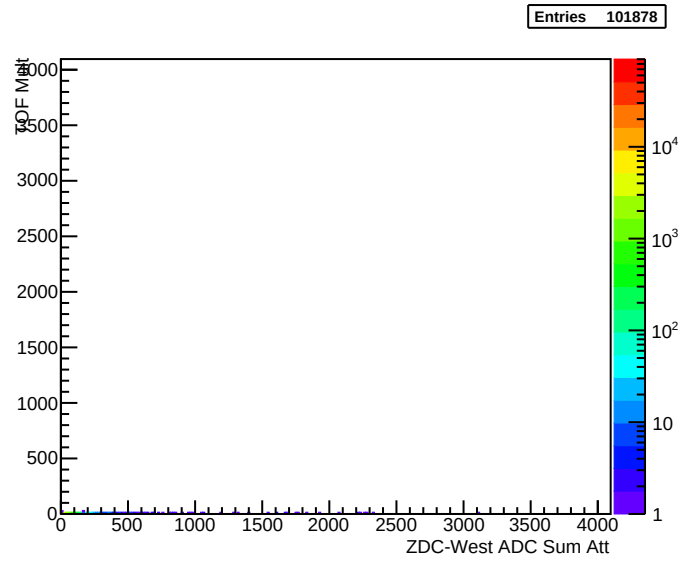

Entries 101878
TOF Mult
BBC-S-East ADC Sum

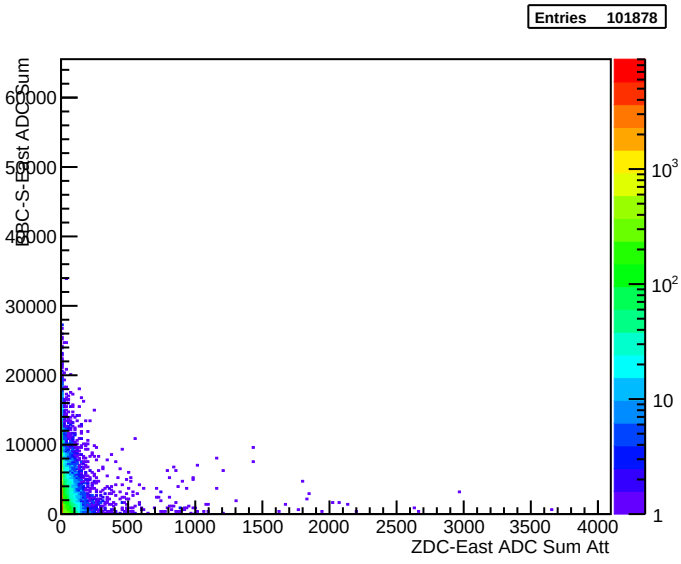

Entries 101878
TOF Mult
BBC-S-West ADC Sum

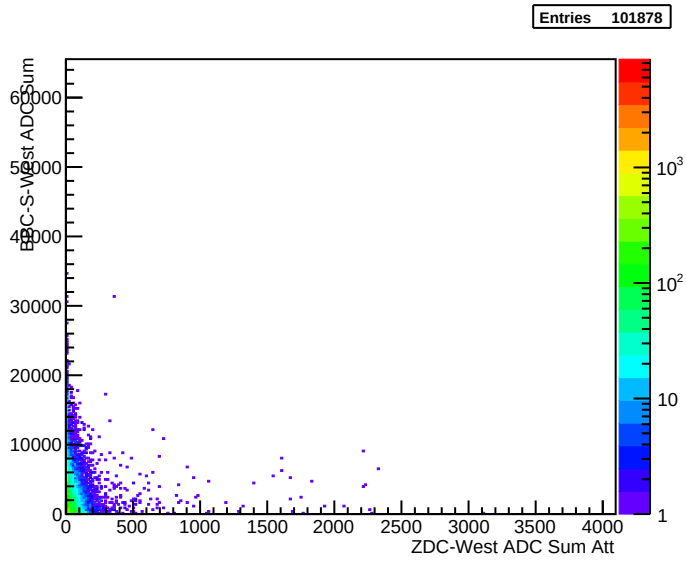

Entries 101878
TOF Mult
VPD-East ADC Sum

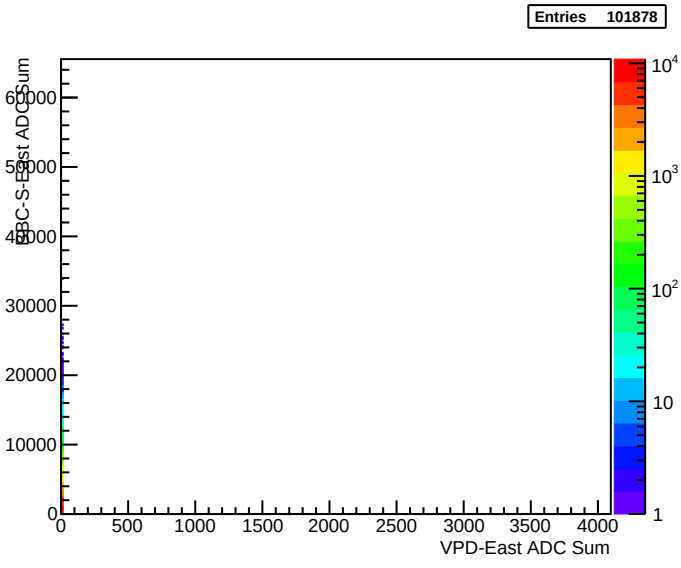

Entries 101878
TOF Mult
VPD-West ADC Sum

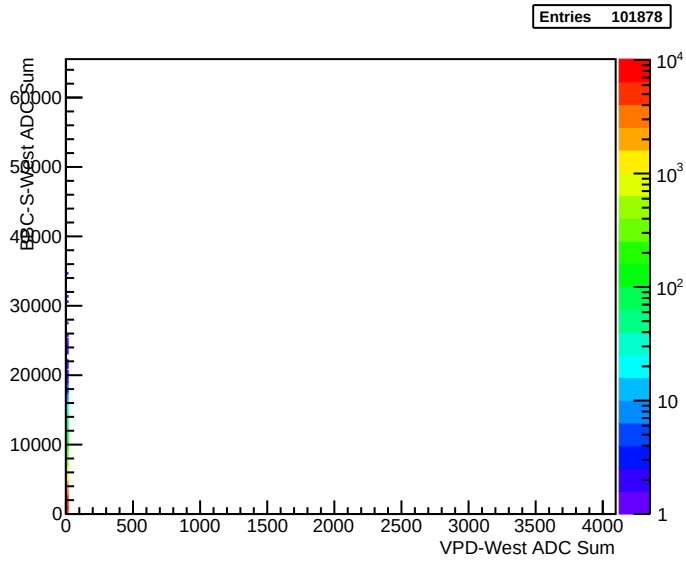

Entries 101878
TOF Mult
ZDC-East ADC Sum Att

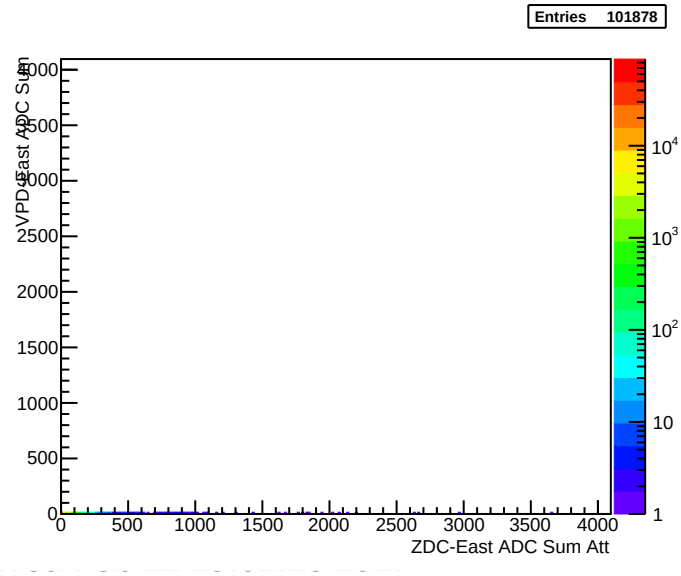

Entries 101878
TOF Mult
ZDC-West ADC Sum Att

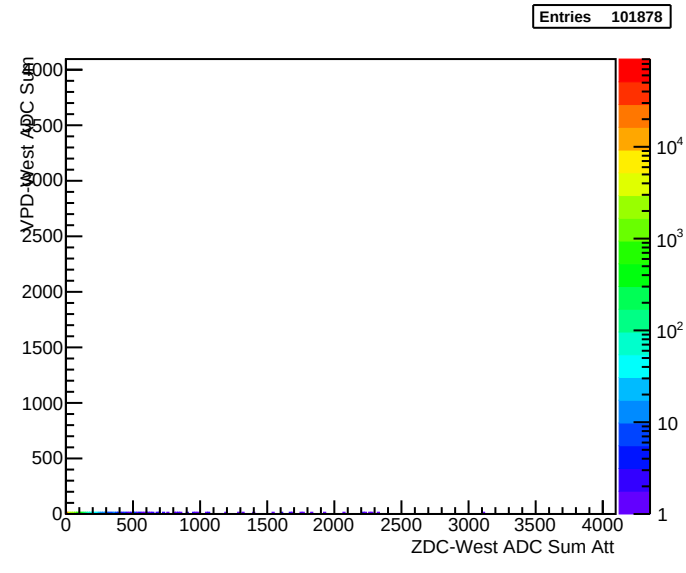

Entries 101878
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

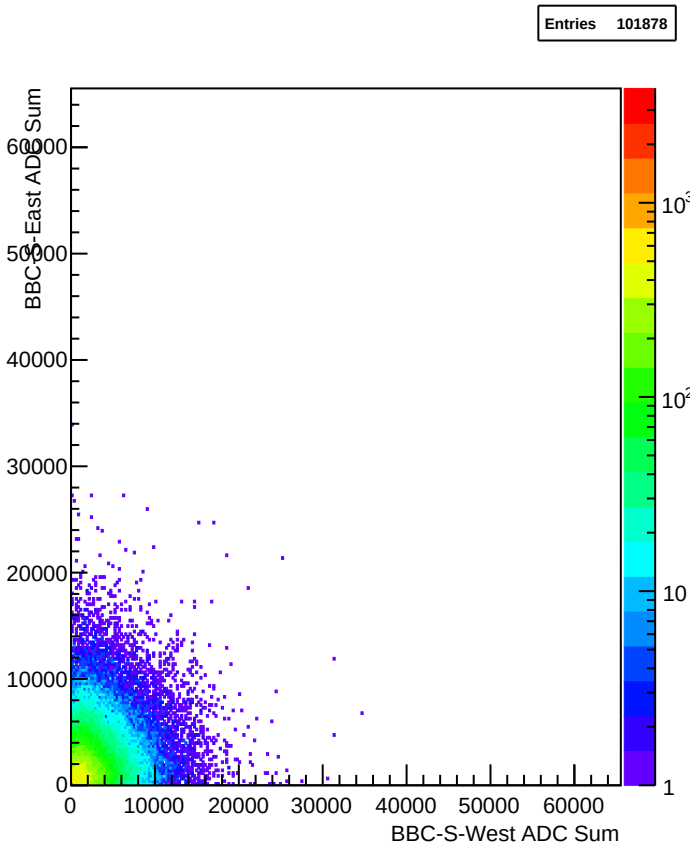

Entries 101878
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

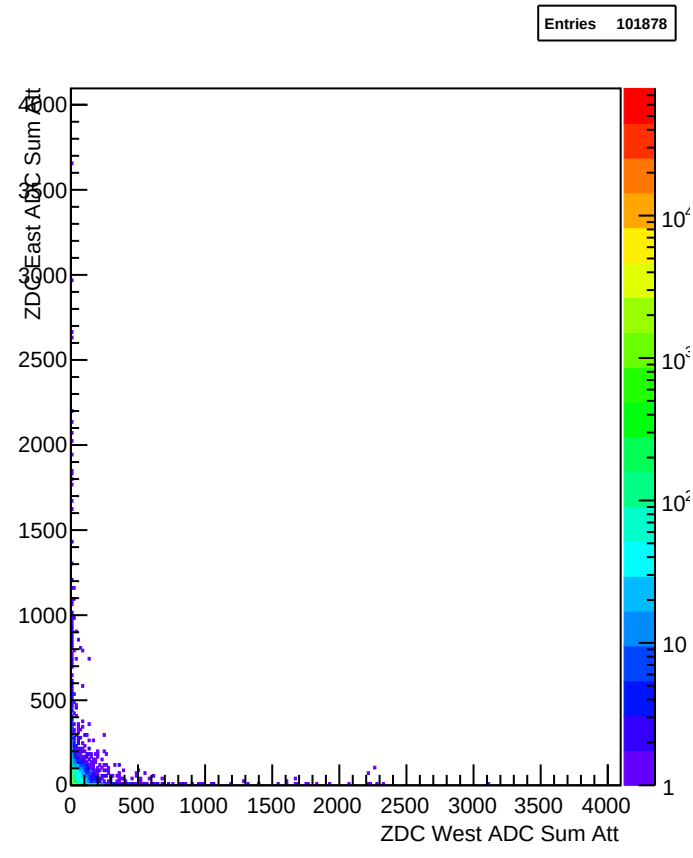

Entries 101878
BBC-S-East ADC Sum
VPD-East ADC Sum

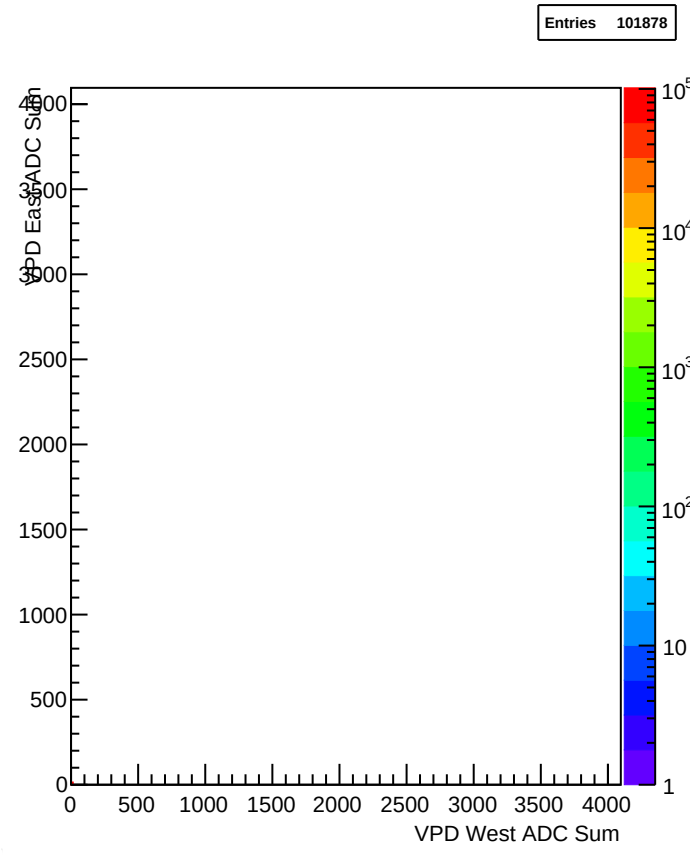

Entries 101878
BBC-S-West ADC Sum
VPD-West ADC Sum

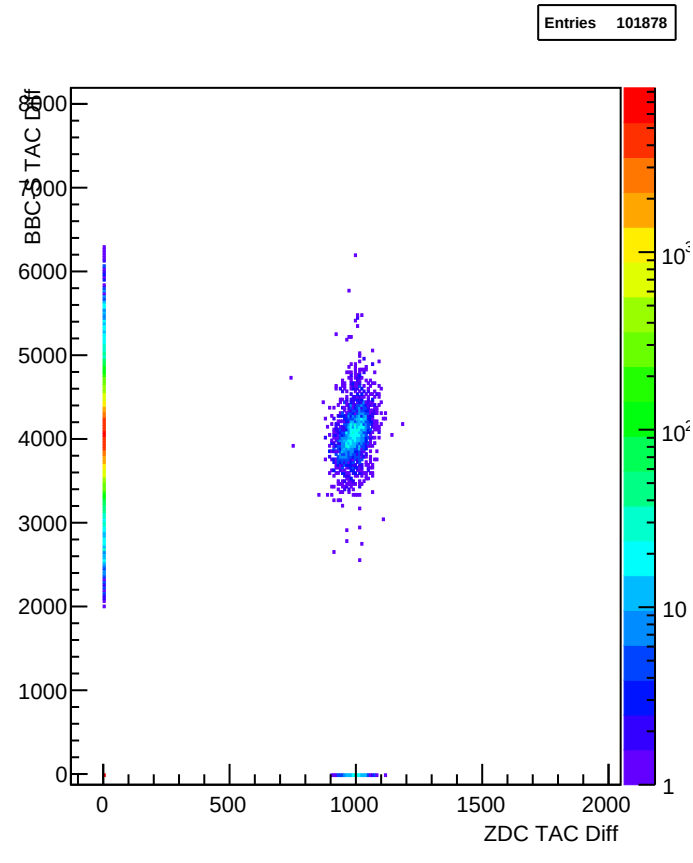

Entries 101878
VPD-East ADC Sum
ZDC-East ADC Sum Att

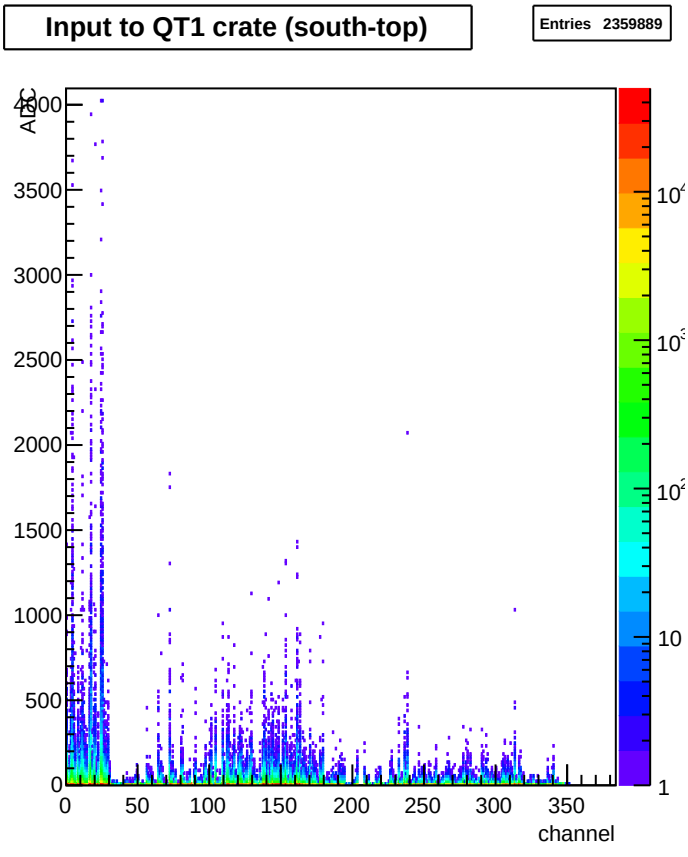

Entries 101878
VPD-West ADC Sum
ZDC-West ADC Sum Att

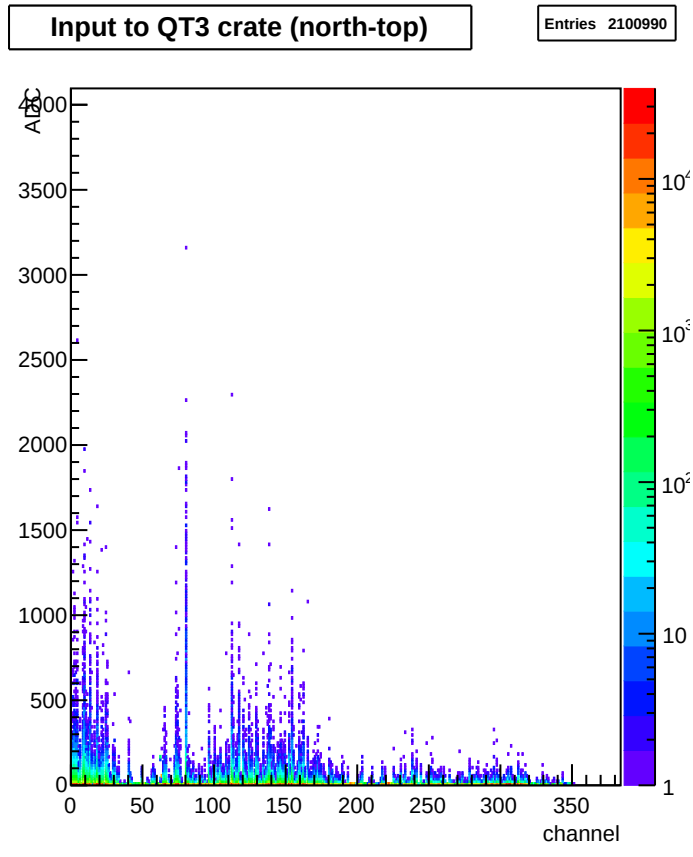

Entries 101878
BBC-S-East ADC Sum
BBC-S-West ADC Sum

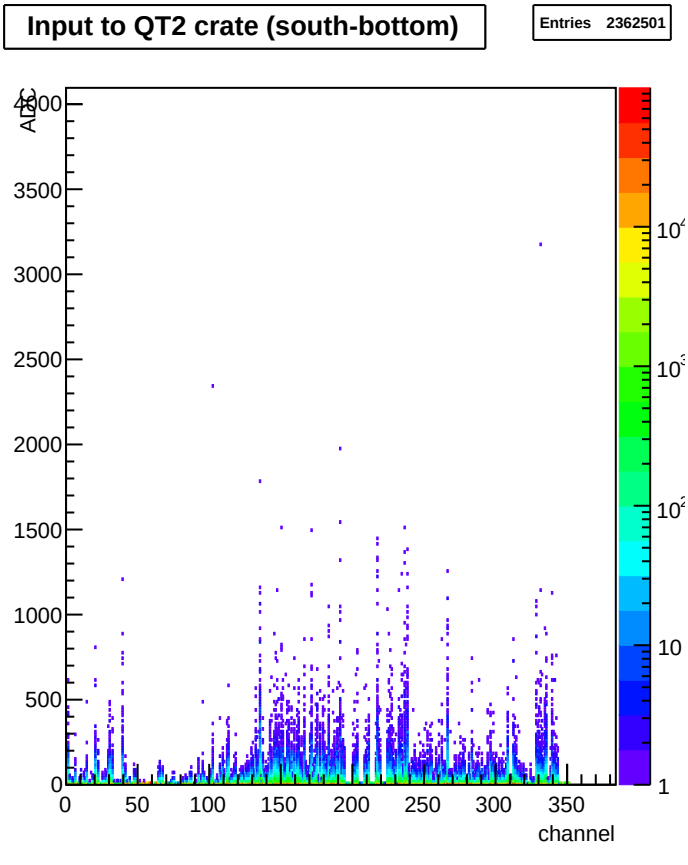

Entries 101878
ZDC East ADC Sum Att
ZDC West ADC Sum Att

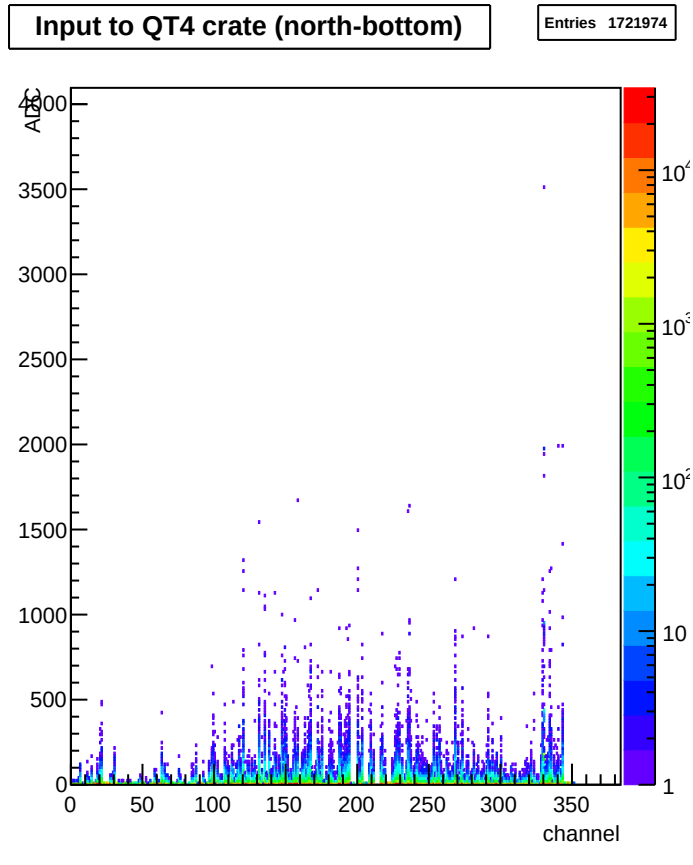

Entries 101878
VPD East ADC Sum
VPD West ADC Sum

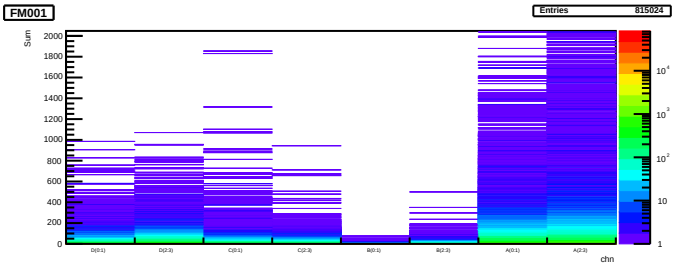

Entries 101878
BBC-S TAC Diff
ZDC TAC Diff

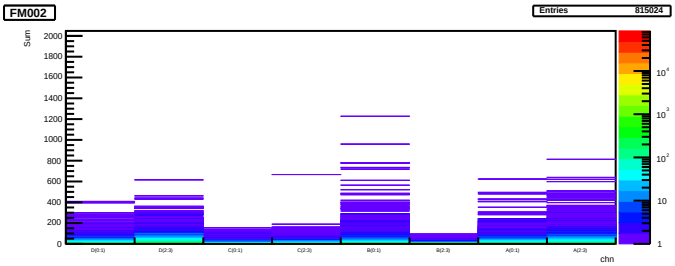

Input to QT1 crate (south-top)
Entries 2359889
ADC
channel

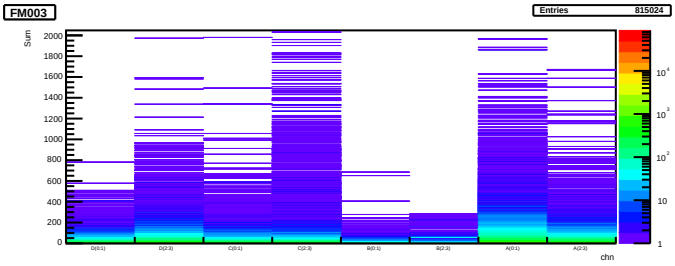

Input to QT3 crate (north-top)
Entries 2100990
ADC
channel

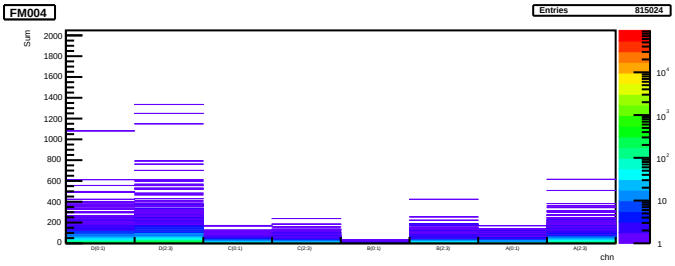

Input to QT2 crate (south-bottom)
Entries 2362501
ADC
channel

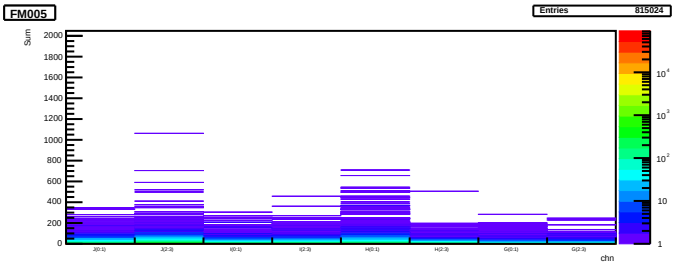

Input to QT4 crate (north-bottom)
Entries 1721974
ADC
channel

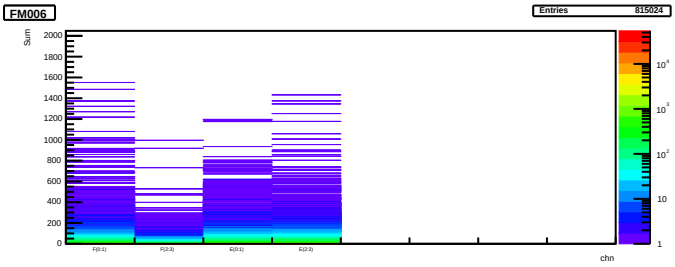

FM001
Entries 815024
Sum
chn

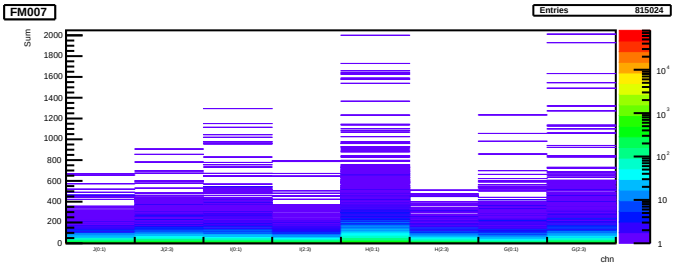

FM002
Entries 815024
Sum
chn

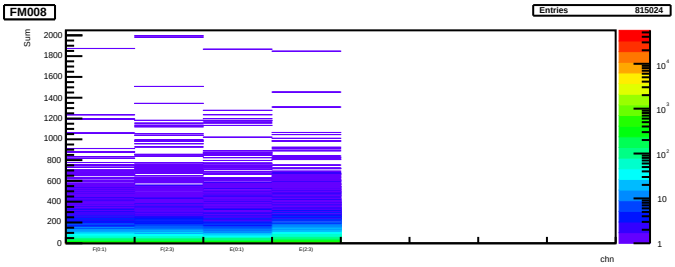

FM003
Entries 815024
Sum
chn


FM004
Entries 815024
Sum
chn


FM005
Entries 815024
Sum
chn


FM006
Entries 815024
Sum
chn


FM007
Entries 815024
Sum
chn


FM008
Entries 815024
Sum
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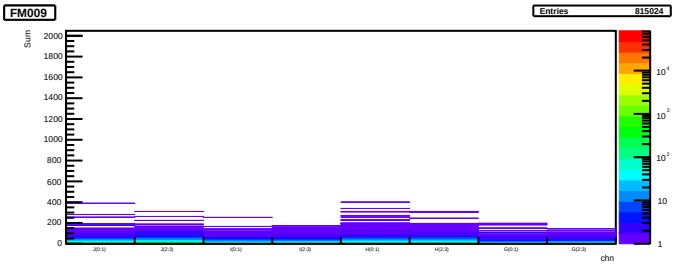
FM009
Entries 815024
Sum
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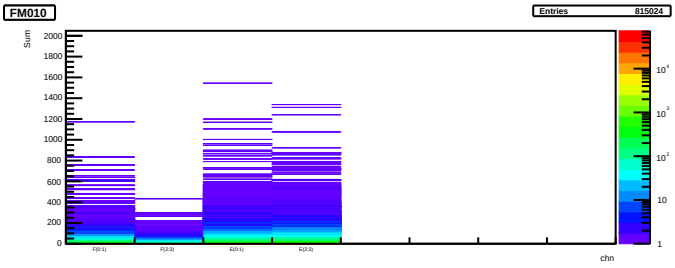
FM010
Entries 815024
Sum
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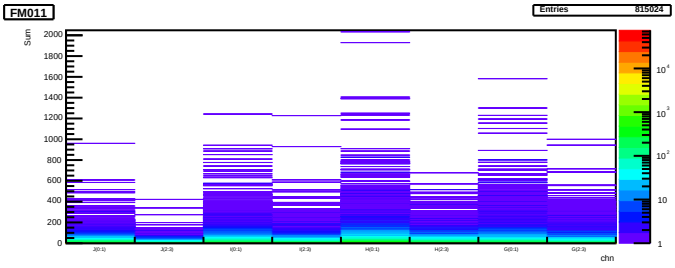
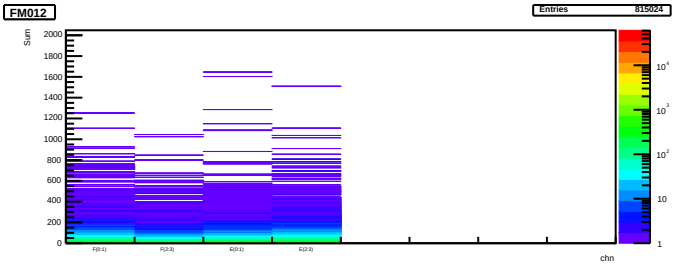

FM011
Entries 815024
Sum
chn


FM012
Entries 815024
Sum
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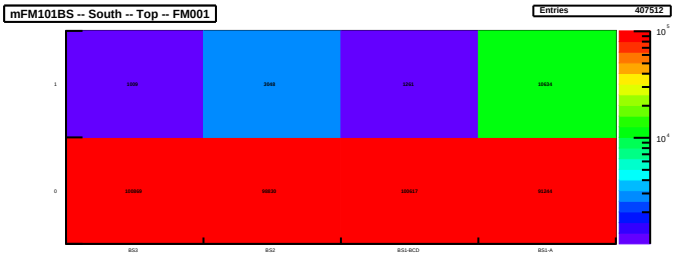
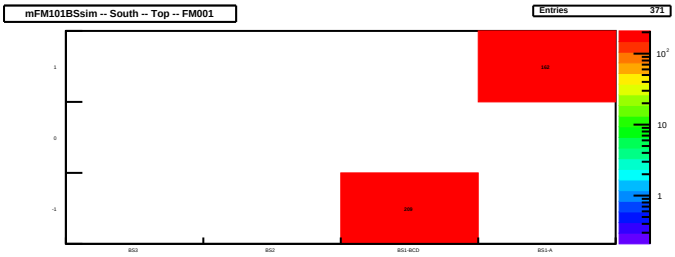
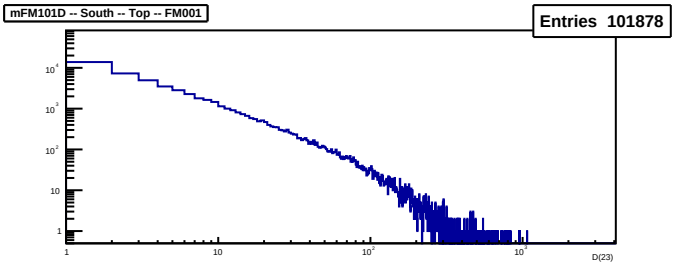
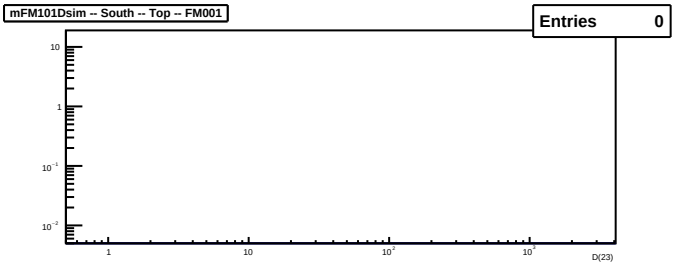
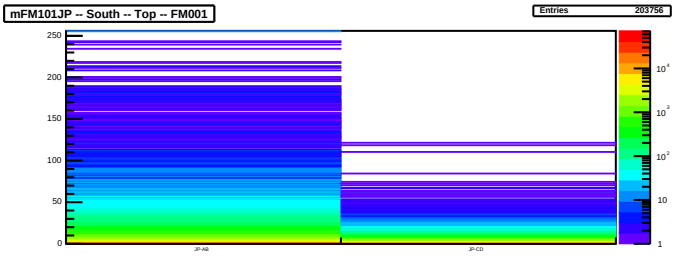

mFM101BS -- South -- Top -- FM001
Entries 407512

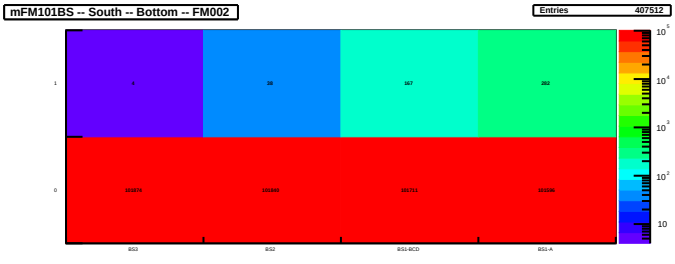

mFM101BSsim -- South -- Top -- FM001
Entries 371

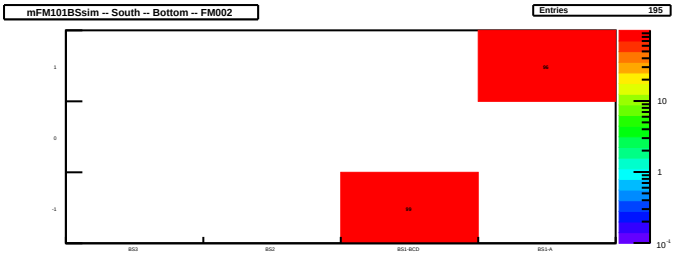

mFM101D -- South -- Top -- FM001
Entries 101878
D(23)

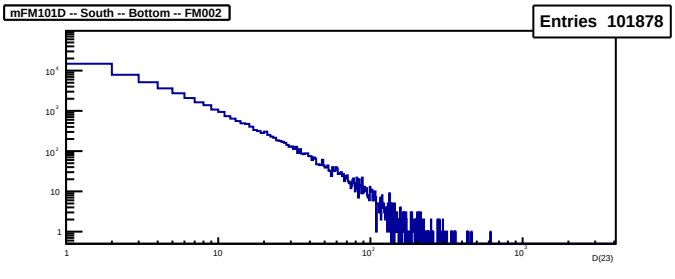

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

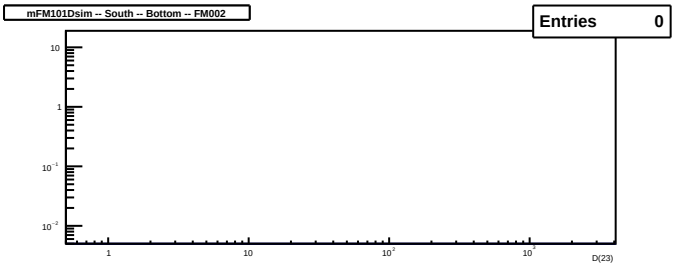

mFM101JP -- South -- Top -- FM001
Entries 203756

mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 407512


mFM101BSsim -- South -- Bottom -- FM002
Entries 195


mFM101D -- South -- Bottom -- FM002
Entries 101878
D(23)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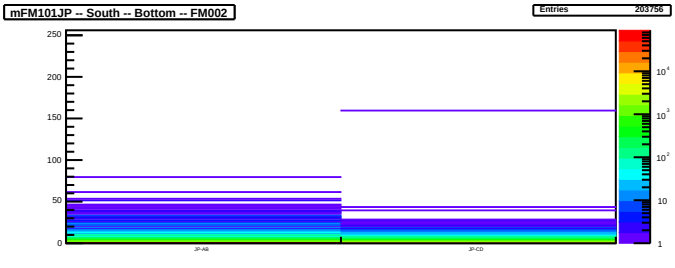
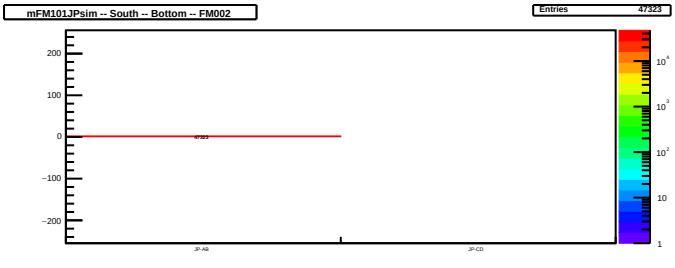
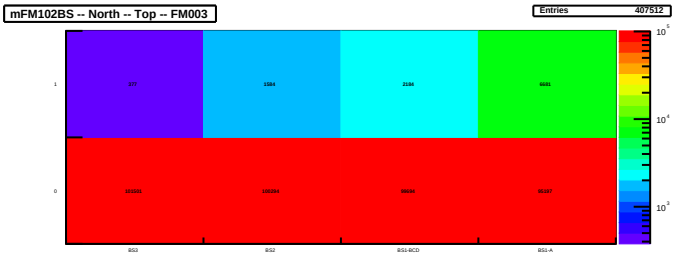
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 203756


mFM101JPsim -- South -- Bottom -- FM002
Entries 47323

mFM102BS -- North -- Top -- FM003



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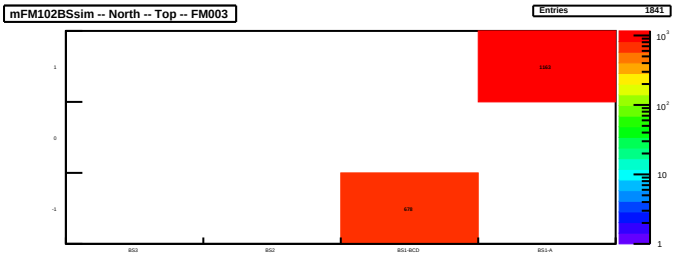
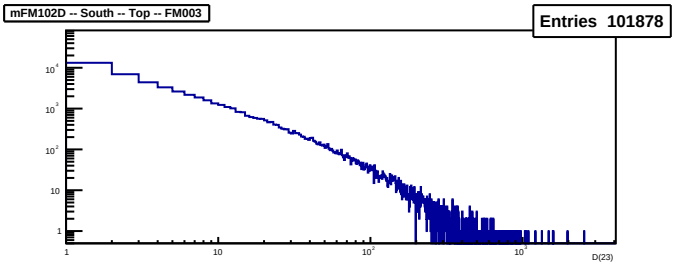


mFM102D -- South -- Top -- FM003



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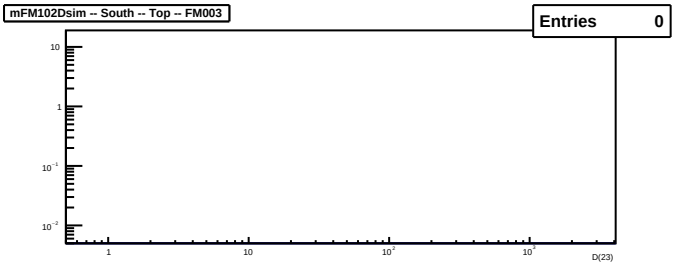
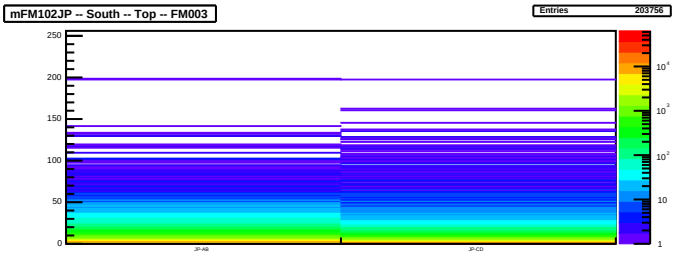
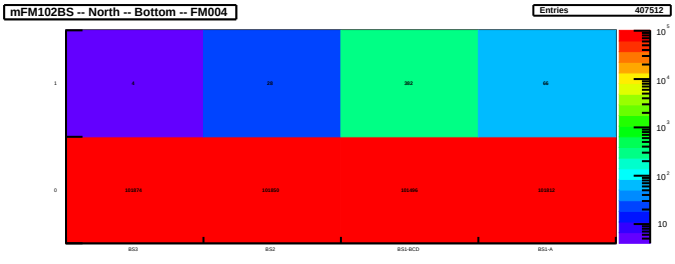


mFM102JP -- South -- Top -- FM003

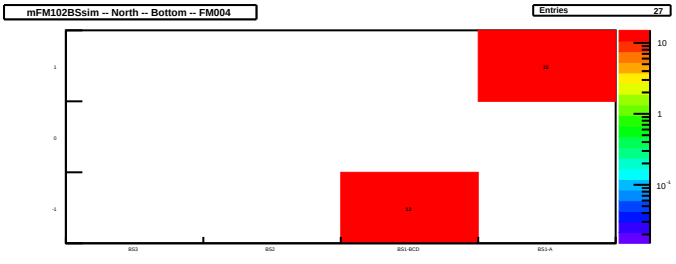


mFM102JPsim -- South -- Top -- FM003

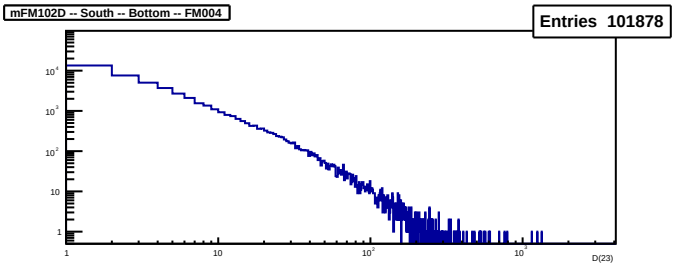
mFM102BS -- North -- Bottom -- FM004



mFM102BSsim -- North -- Bottom -- FM004



mFM102D -- South -- Bottom -- FM004



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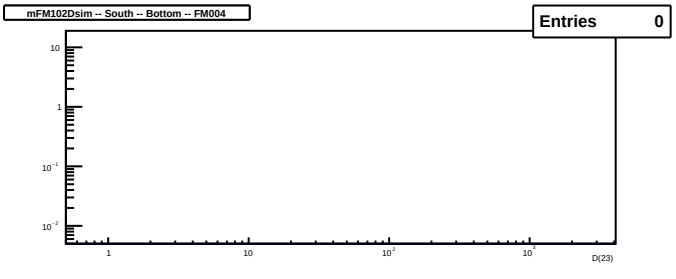

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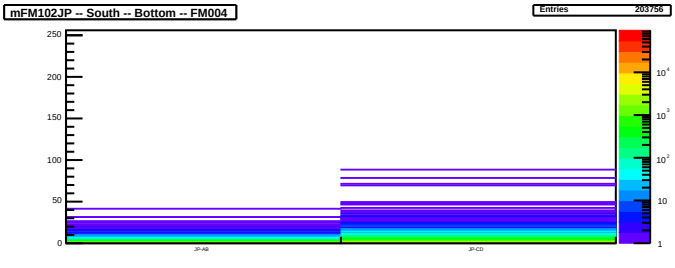
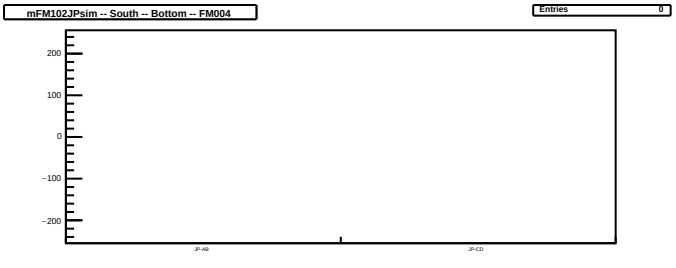
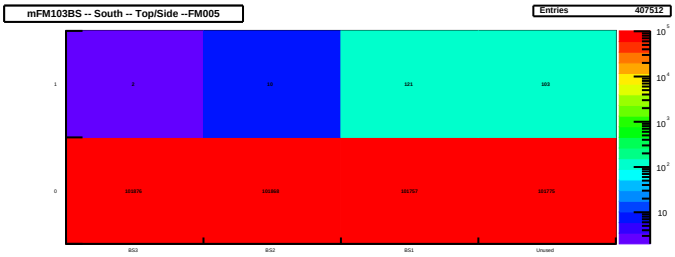
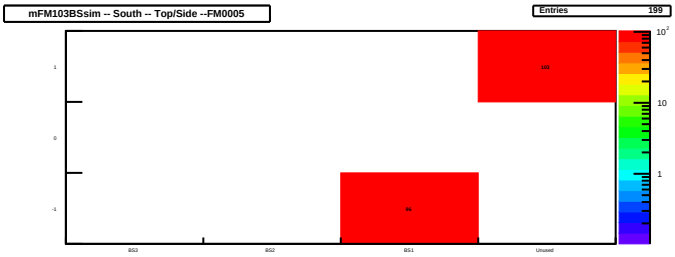
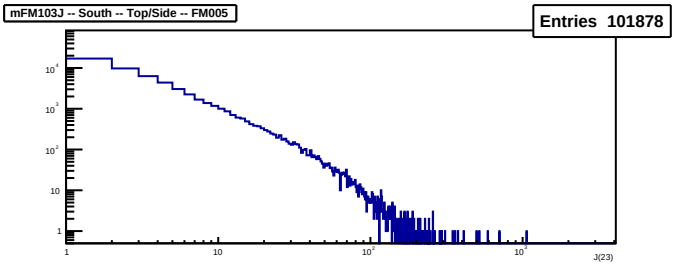


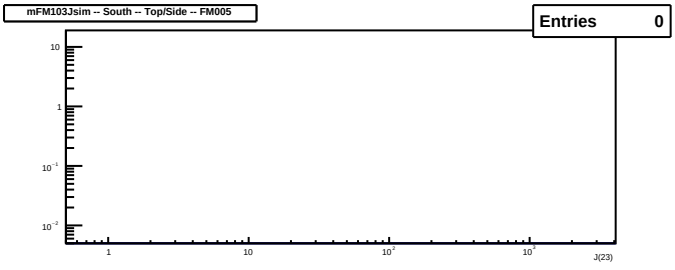
mFM102JPsim -- South -- Bottom -- FM004




mFM103BS -- South -- Top/Side --FM005
Entries 407512


mFM103BSsim -- South -- Top/Side --FM0005
Entries 199


mFM103J -- South -- Top/Side -- FM005
Entries 101878
J(23)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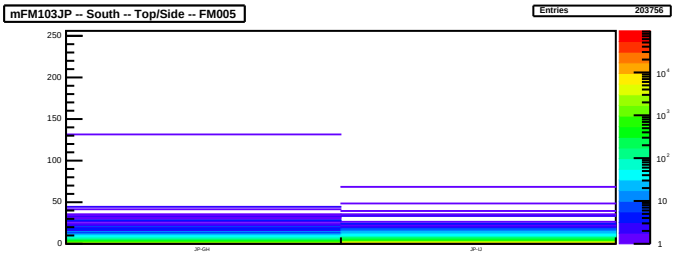
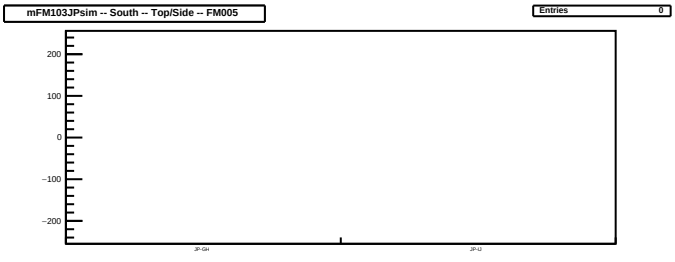
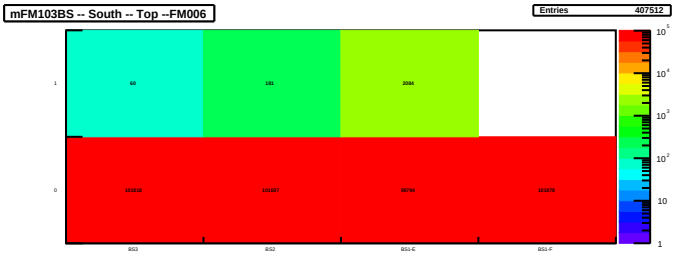
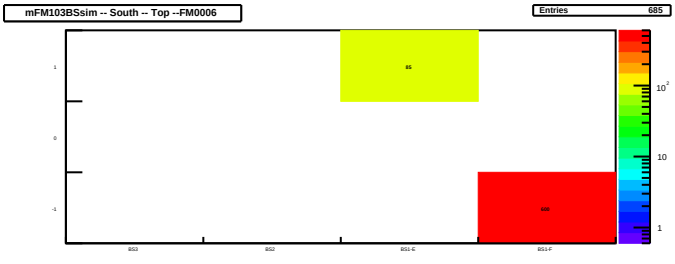
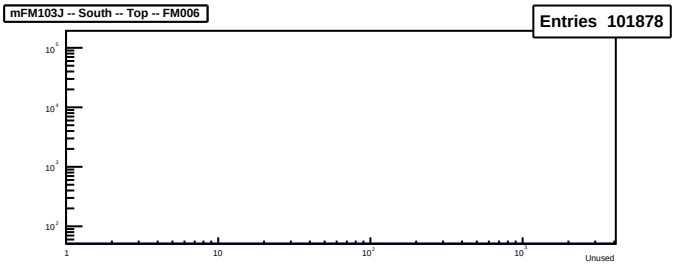
Entries 0
J(23)

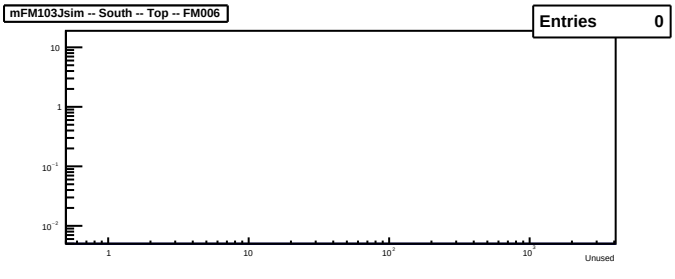

mFM103JP -- South -- Top/Side -- FM005
Entries 203756

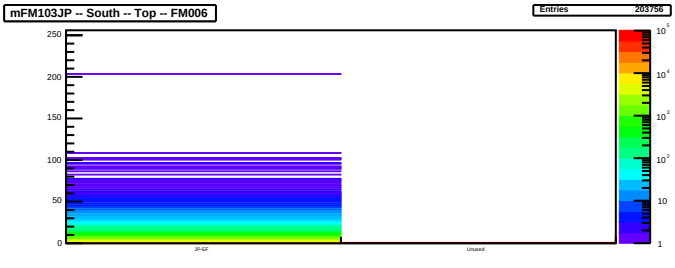

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0

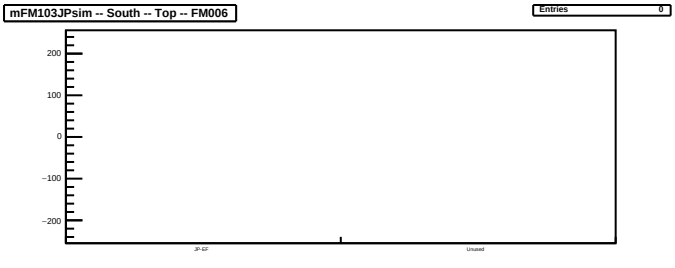

mFM103BS -- South -- Top --FM006
Entries 407512

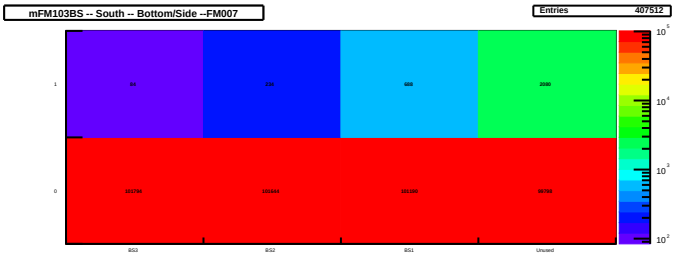

mFM103BSsim -- South -- Top --FM0006
Entries 685

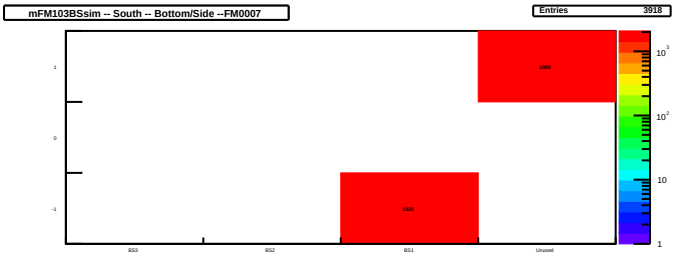

mFM103J -- South -- Top -- FM006
Entries 101878
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 203756


mFM103JPsim -- South -- Top -- FM006
Entries 0


mFM103BS -- South -- Bottom/Side --FM007
Entries 407512
BS3
BS2
BS1
Unused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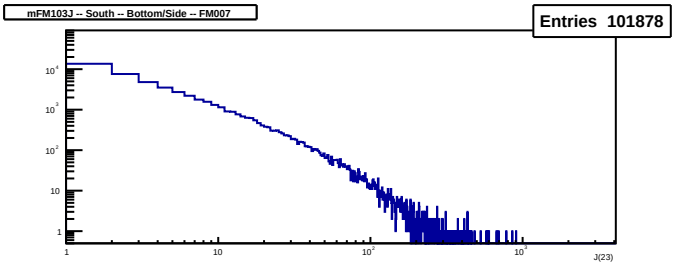
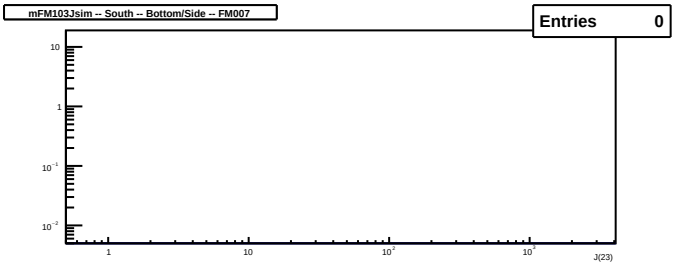
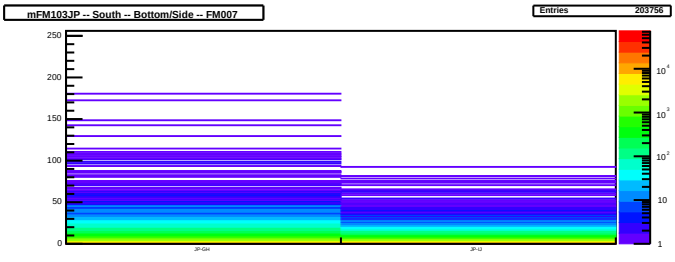
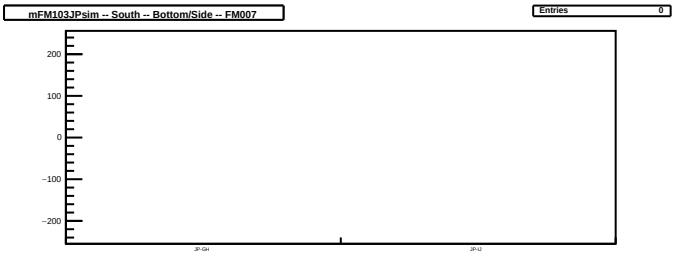
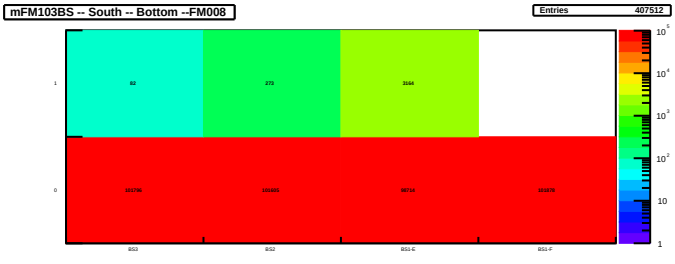
Entries 3918
BS3
BS2
BS1
Unused

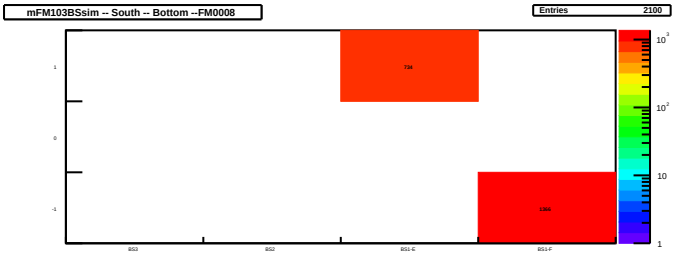

mFM103J -- South -- Bottom/Side -- FM007
Entries 101878
J(23)

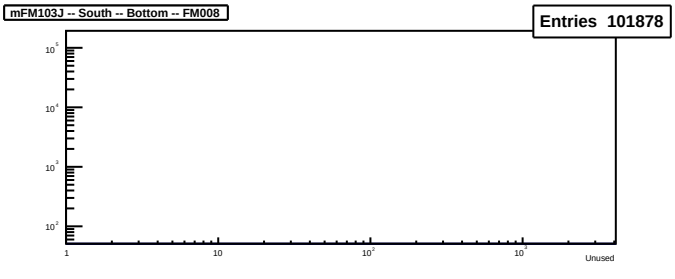

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

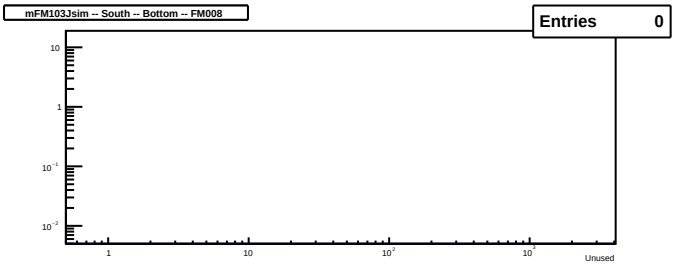

mFM103JP -- South -- Bottom/Side -- FM007
Entries 203756
JP-GH
JP-IJ

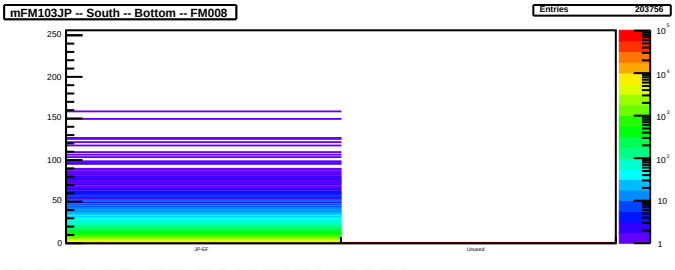

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

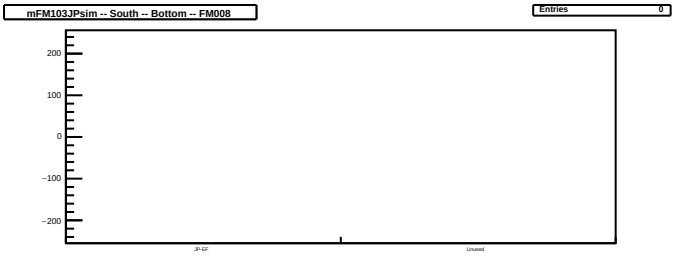

mFM103BS -- South -- Bottom --FM008
Entries 407512
BS3
BS2
BS1-E
BS1-F

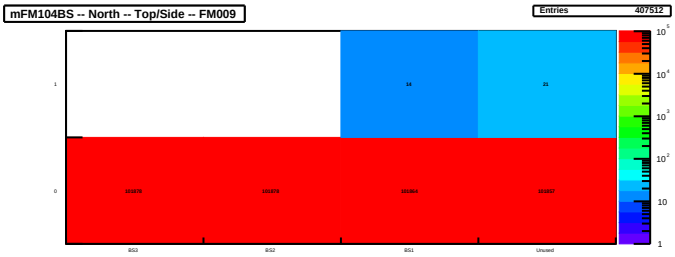

mFM103BSsim -- South -- Bottom --FM0008
Entries 2100
BS3
BS2
BS1-E
BS1-F

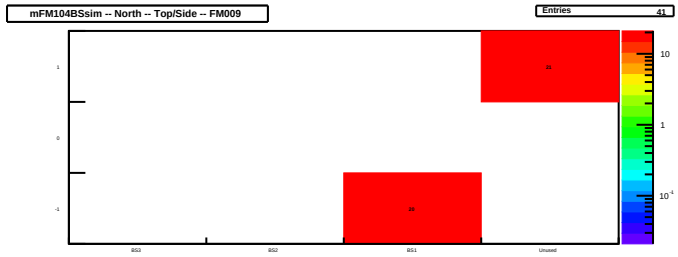

mFM103J -- South -- Bottom -- FM008
Entries 101878
Unused

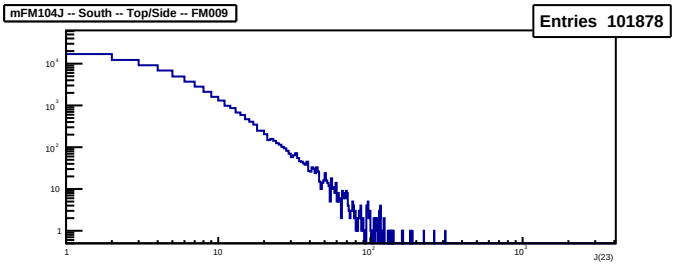

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

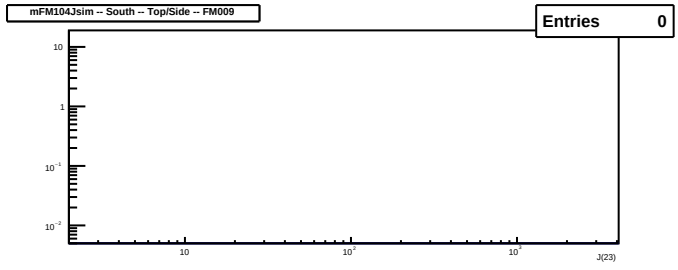

mFM103JP -- South -- Bottom -- FM008
Entries 203756
JP-EF
Unused

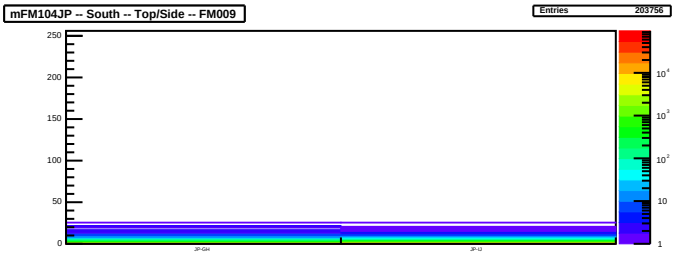

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

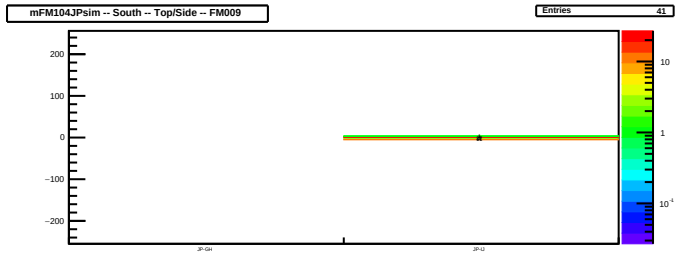

mFM104BS -- North -- Top/Side -- FM009
Entries 407512
14
21
101878
101876
101864
101857
BS3
BS2
BS1
Unused

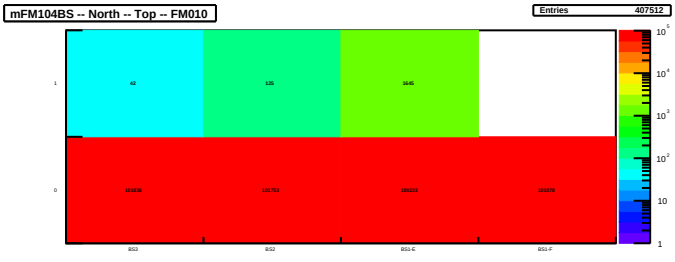

mFM104BSsim -- North -- Top/Side -- FM009
Entries 41
21
20
BS3
BS2
BS1
Unused

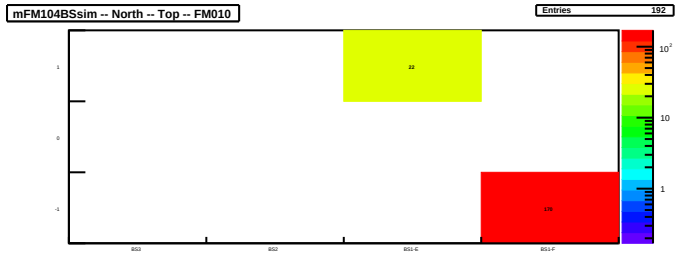

mFM104J -- South -- Top/Side -- FM009
Entries 101878
J(23)

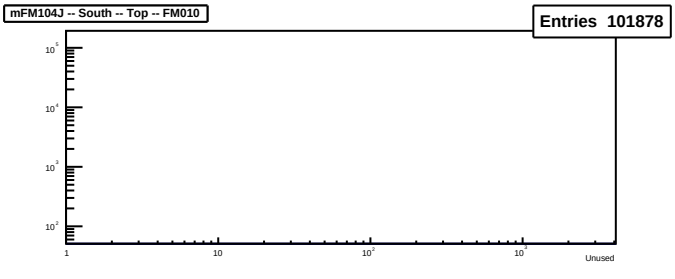

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

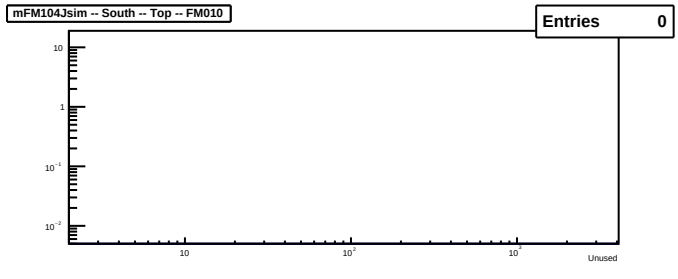

mFM104JP -- South -- Top/Side -- FM009
Entries 203756
JP-GH
JP-U

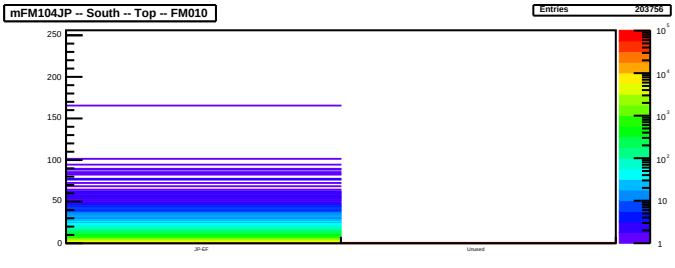

mFM104JPsim -- South -- Top/Side -- FM009
Entries 41
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 407512
42
135
1645
101836
101753
100233
101878
BS3
BS2
BS1-E
BS1-F

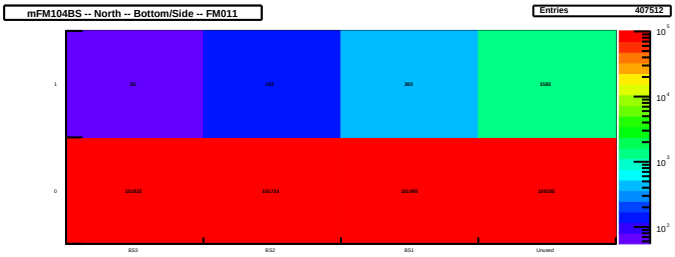

mFM104BSsim -- North -- Top -- FM010
Entries 192
22
170
BS3
BS2
BS1-E
BS1-F

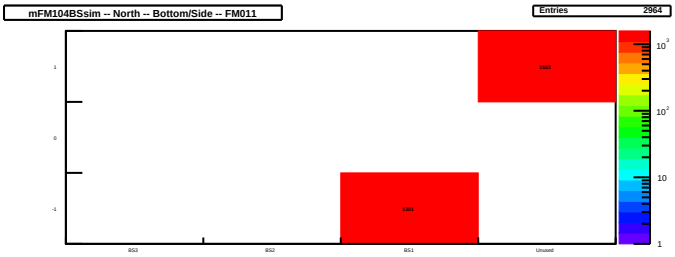

mFM104J -- South -- Top -- FM010
Entries 101878
Unused

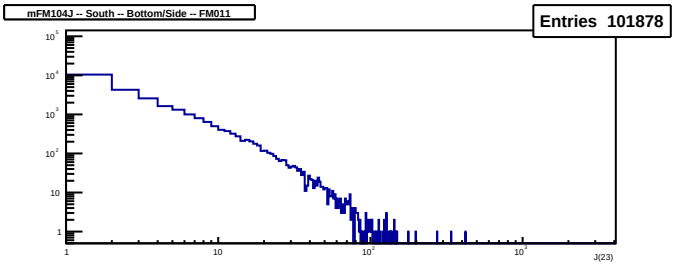

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

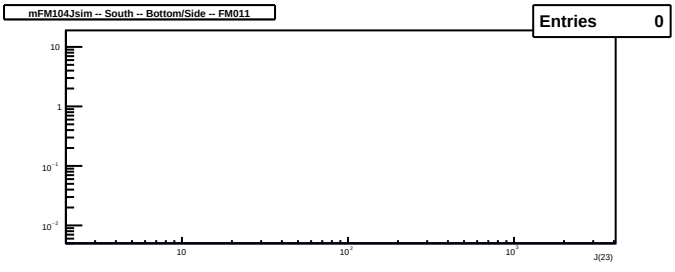

mFM104JP -- South -- Top -- FM010
Entries 203756
JP-EF
Unused

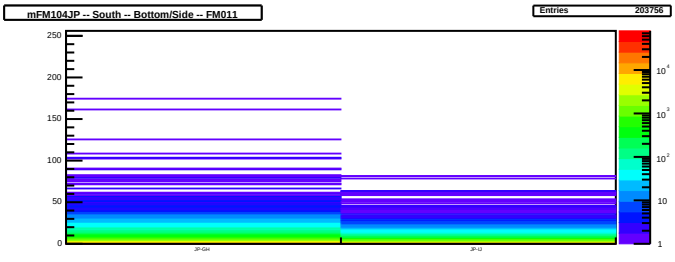
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

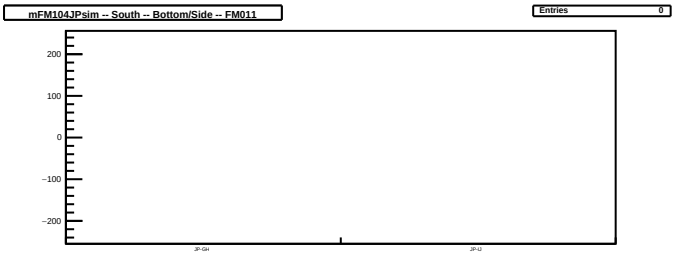

mFM104BS -- North -- Bottom/Side -- FM011
Entries 407512
55
154
363
1583
101823
101724
101495
100295
BS3
BS2
BS1
Unused

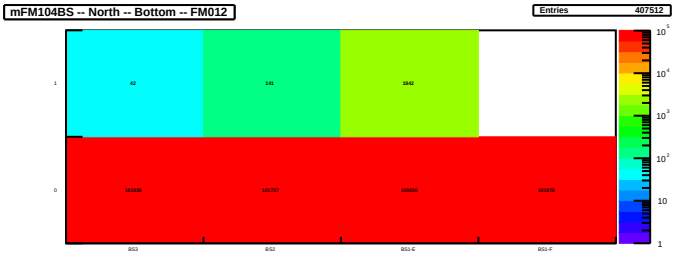

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2964
1583
1381
BS3
BS2
BS1
Unused

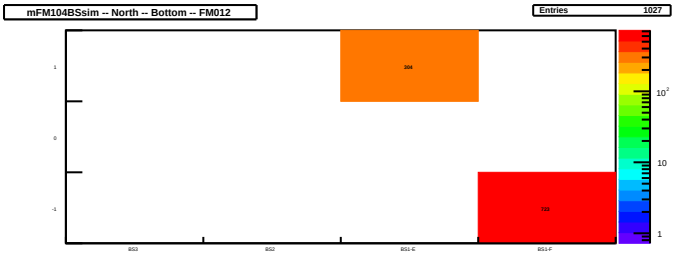

mFM104J -- South -- Bottom/Side -- FM011
Entries 101878
J(23)

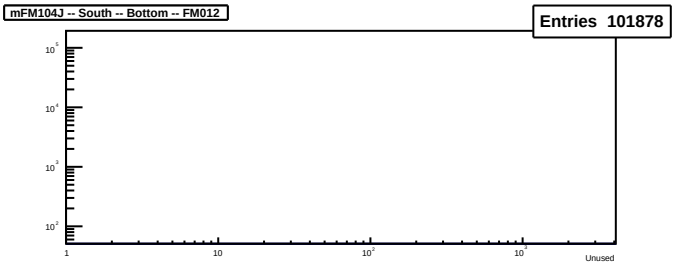

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

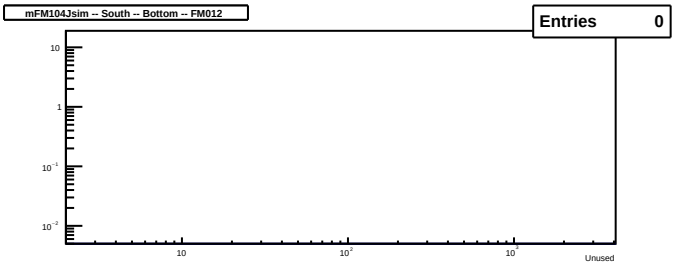

mFM104JP -- South -- Bottom/Side -- FM011
Entries 203756
JP-GH
JP-IJ

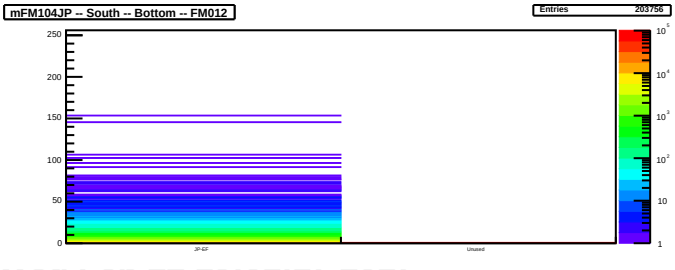

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

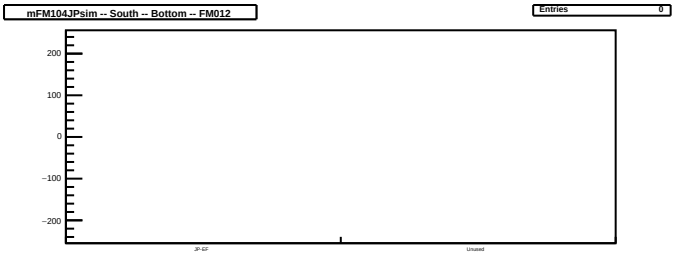

mFM104BS -- North -- Bottom -- FM012
Entries 407512
42
141
1842
101836
101737
100036
101878
BS3
BS2
BS1-E
BS1-F

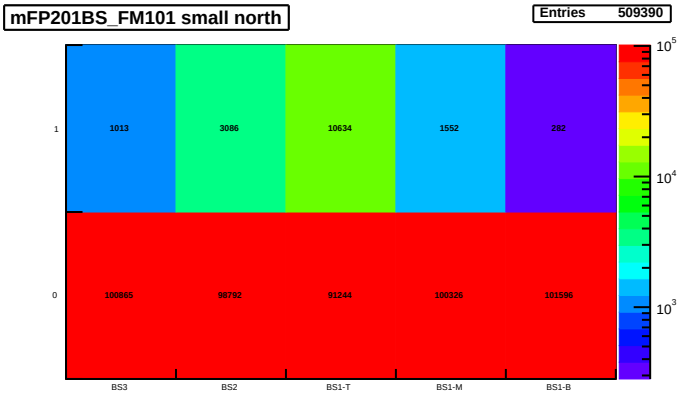

mFM104BSsim -- North -- Bottom -- FM012
Entries 1027
304
723
BS3
BS2
BS1-E
BS1-F

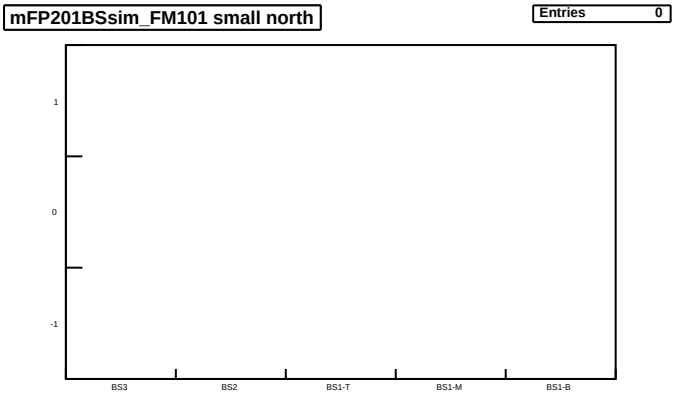

mFM104J -- South -- Bottom -- FM012
Entries 101878
Unused

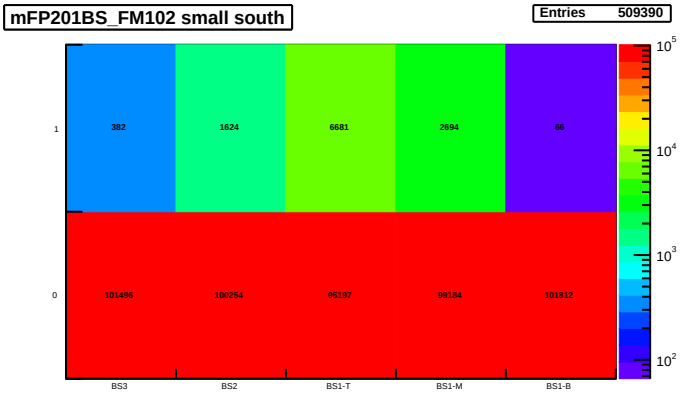

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

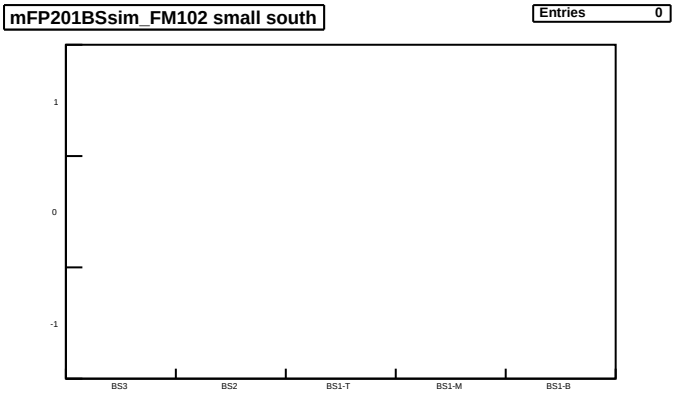

mFM104JP -- South -- Bottom -- FM012
Entries 203756
JP-EF
Unused

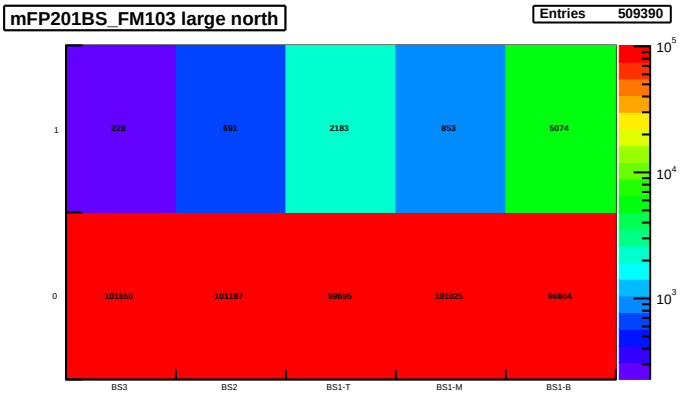

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

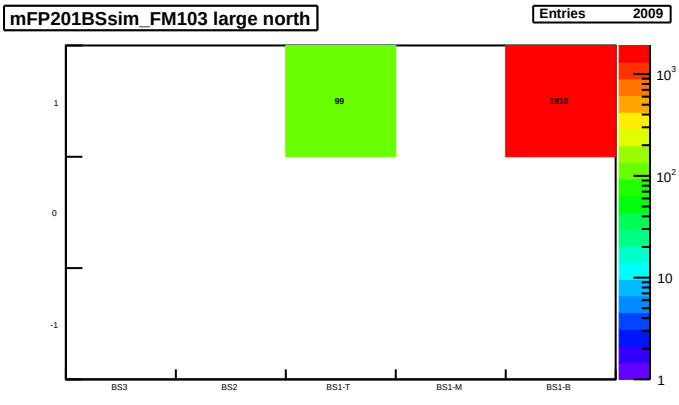

mFP201BS_FM101 small north
Entries 509390
1013
3086
10634
1552
282
100865
98792
91244
100326
101596
BS3
BS2
BS1-T
BS1-M
BS1-B

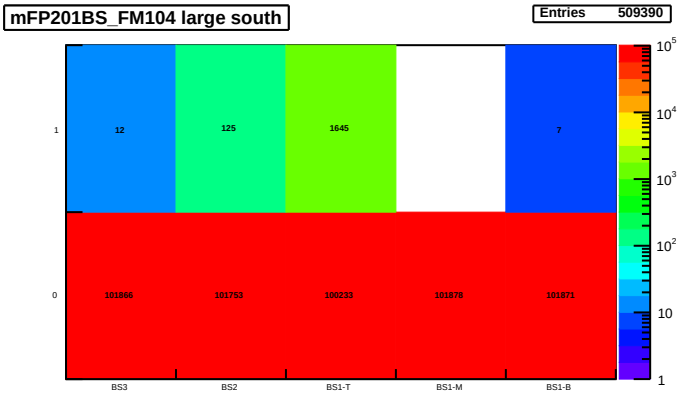

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

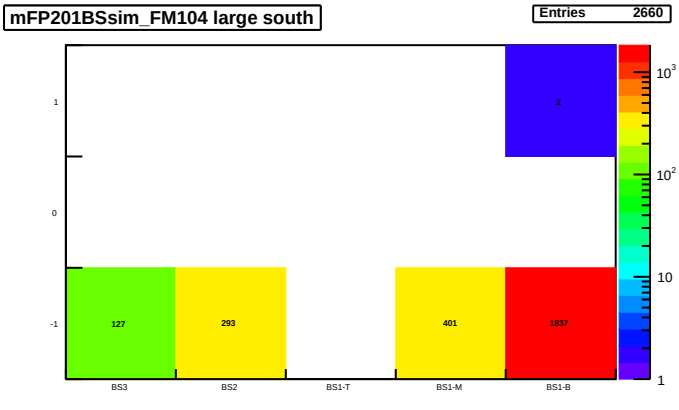

mFP201BS_FM102 small south
Entries 509390
382
1624
6681
2694
66
101496
100254
95197
99184
101812
BS3
BS2
BS1-T
BS1-M
BS1-B

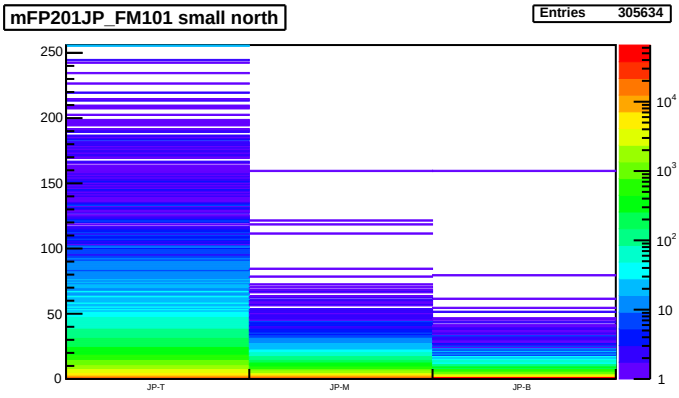

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

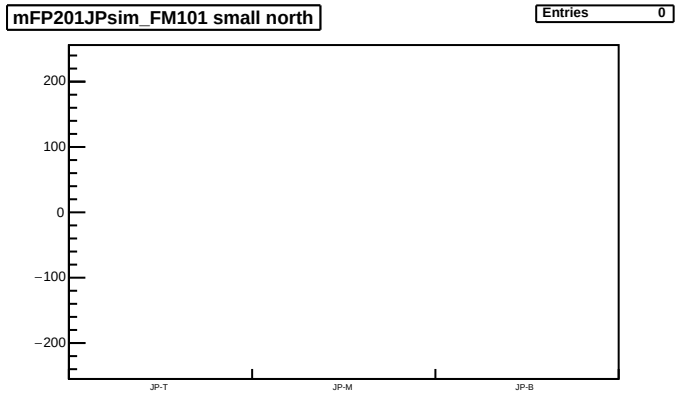

mFP201BS_FM103 large north
Entries 509390
228
691
2183
853
5074
101650
101187
99695
101025
96804
BS3
BS2
BS1-T
BS1-M
BS1-B

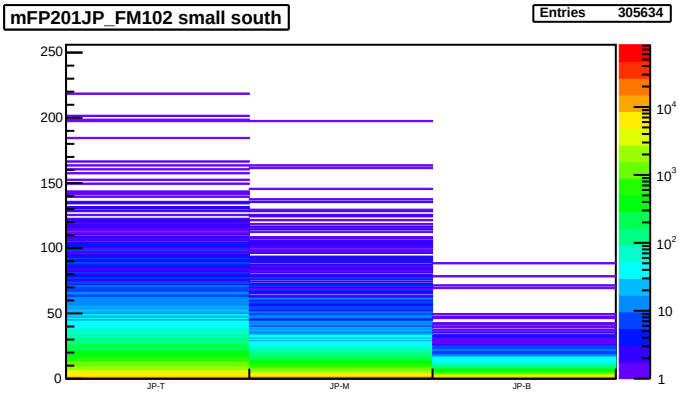

mFP201BSsim_FM103 large north
Entries 2009
99
1910
BS3
BS2
BS1-T
BS1-M
BS1-B

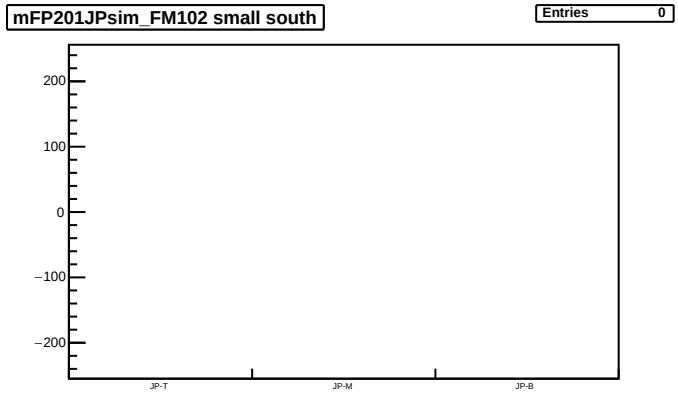

mFP201BS_FM104 large south
Entries 509390
12
125
1645
7
101866
101753
100233
101878
101871
BS3
BS2
BS1-T
BS1-M
BS1-B

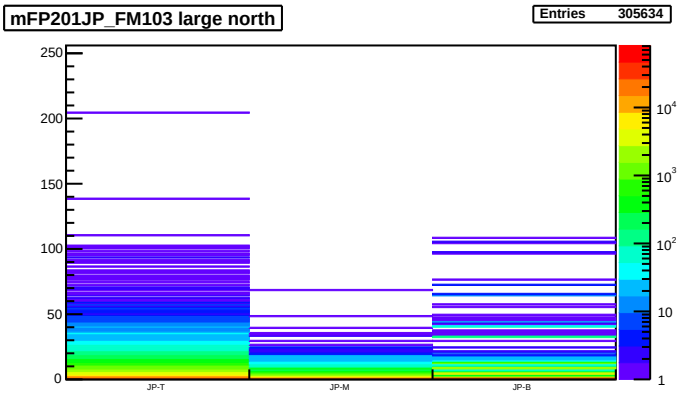

mFP201BSsim_FM104 large south
Entries 2660
2
127
293
401
1837
BS3
BS2
BS1-T
BS1-M
BS1-B

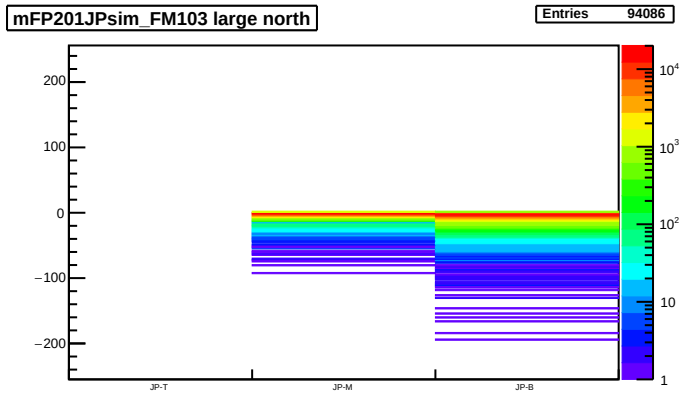

mFP201JP_FM101 small north
Entries 305634
JP-T
JP-M
JP-B

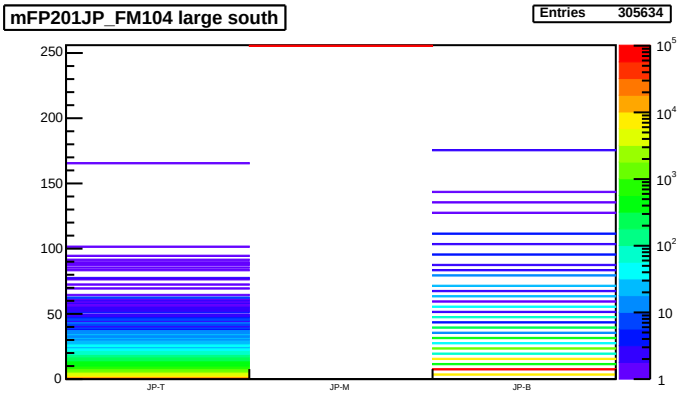

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

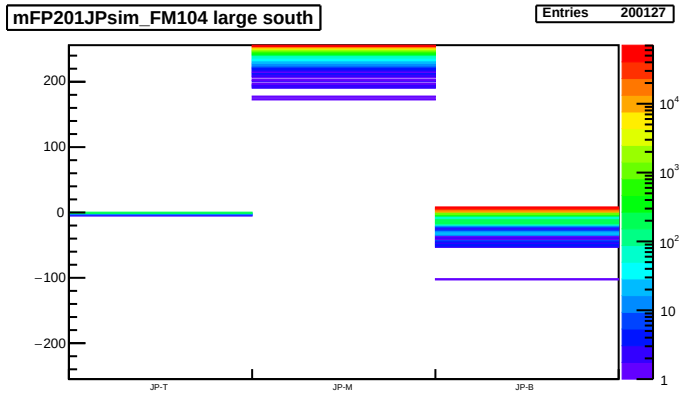

mFP201JP_FM102 small south
Entries 305634
JP-T
JP-M
JP-B

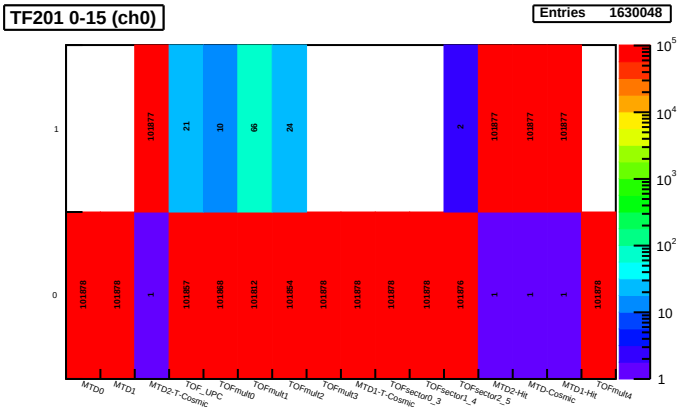

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

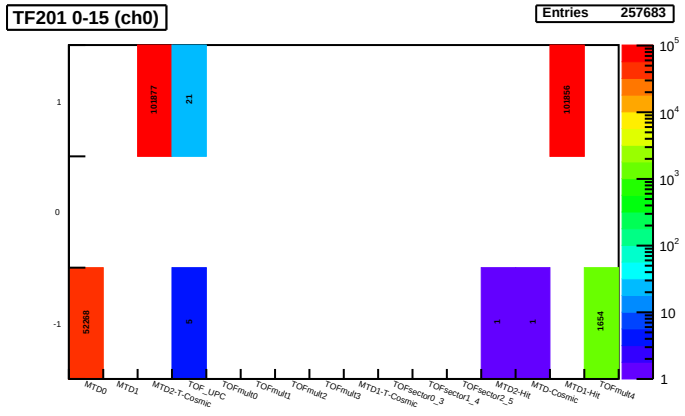

mFP201JP_FM103 large north
Entries 305634
JP-T
JP-M
JP-B

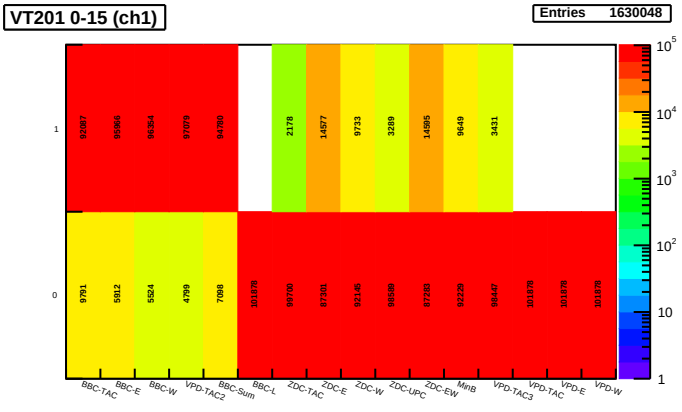

mFP201JPsim_FM103 large north
Entries 94086
JP-T
JP-M
JP-B

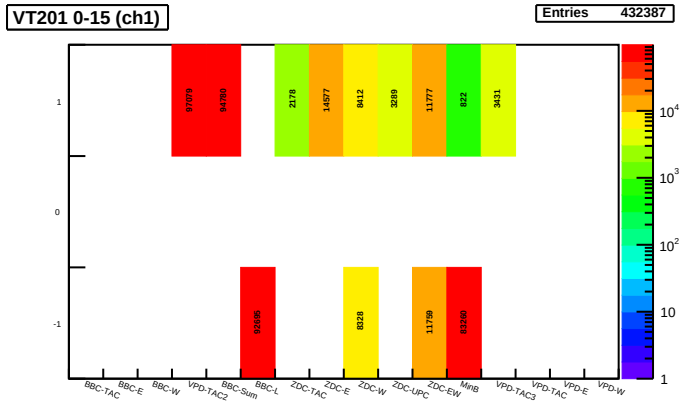

mFP201JP_FM104 large south
Entries 305634
JP-T
JP-M
JP-B

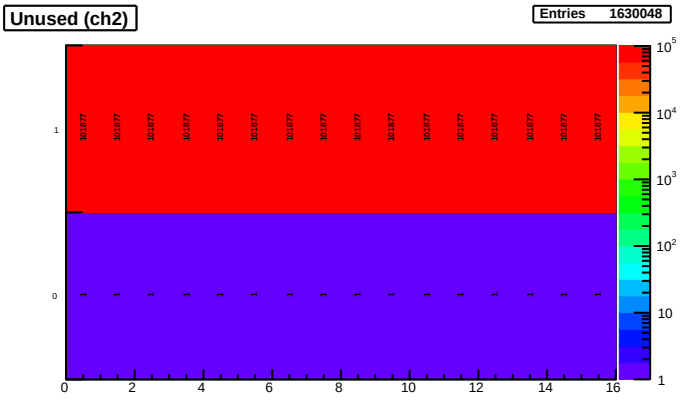

mFP201JPsim_FM104 large south
Entries 200127
JP-T
JP-M
JP-B

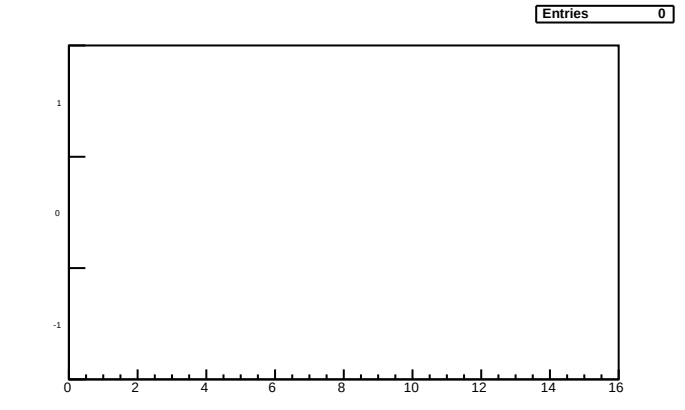

TF201 0-15 (ch0)
Entries 1630048
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

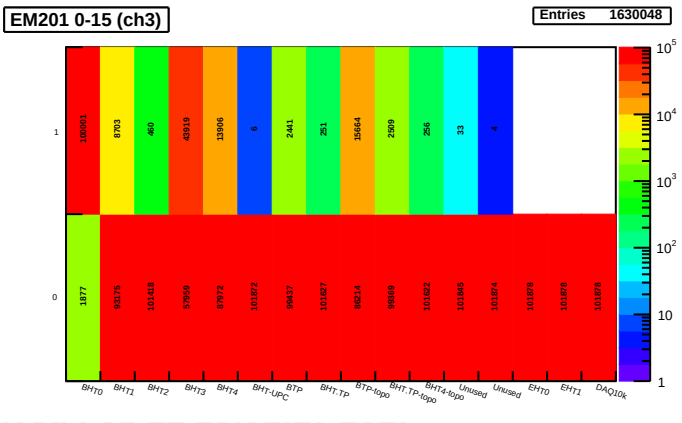

TF201 0-15 (ch0)
Entries 257683
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

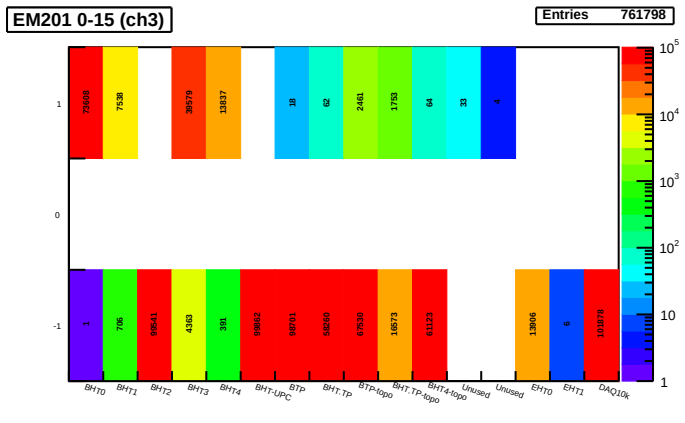

VT201 0-15 (ch1)
Entries 1630048
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

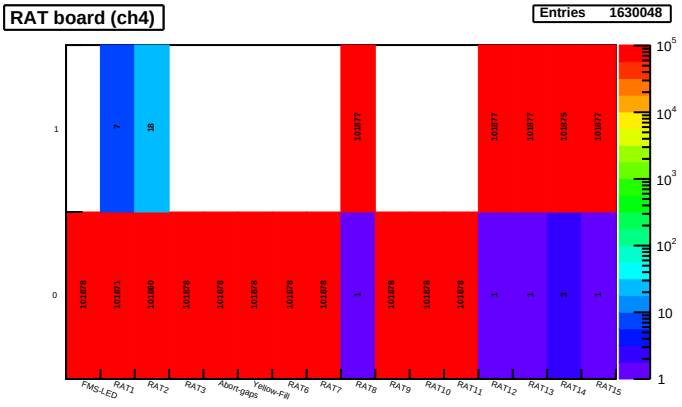

VT201 0-15 (ch1)
Entries 432387
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

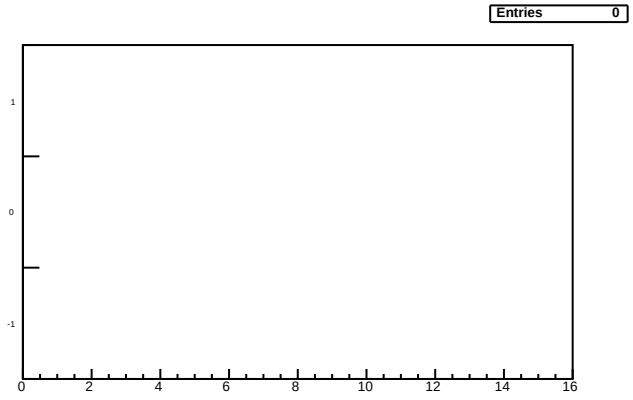

Unused (ch2)
Entries 1630048

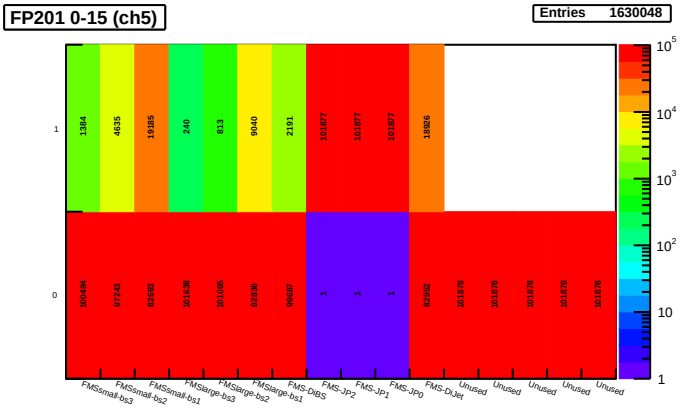

Entries 0


EM201 0-15 (ch3)
Entries 1630048
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 761798
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 1630048
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0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Entries 1630048
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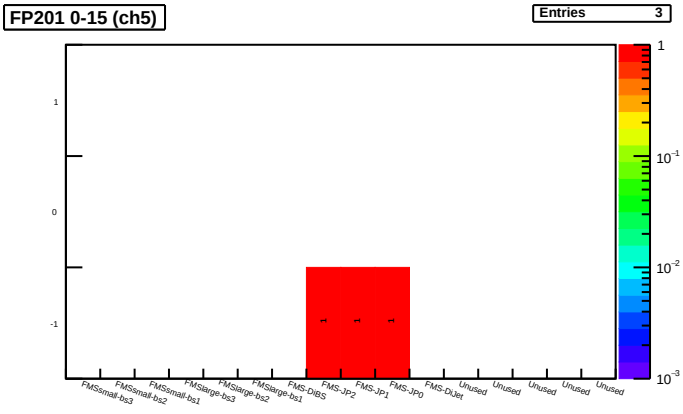
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 3
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FMSsmall-bs2
FMSsmall-bs1
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FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
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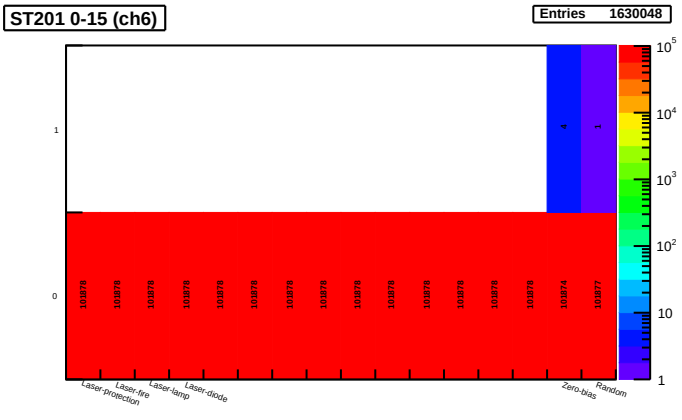
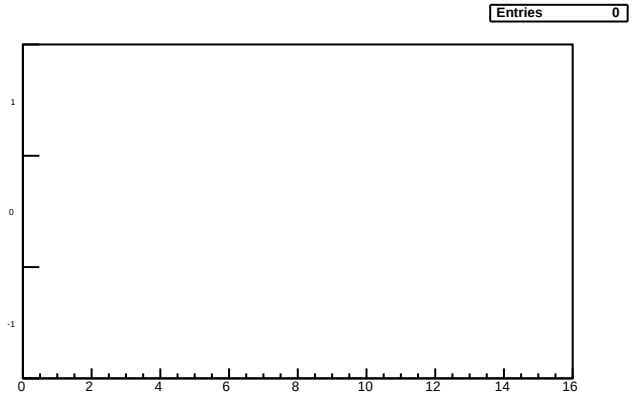
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 1630048
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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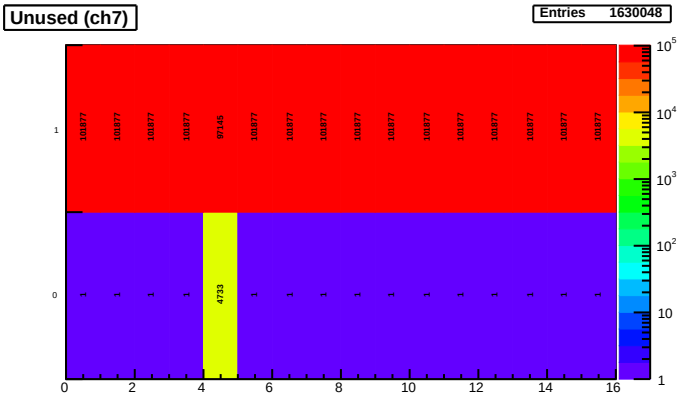
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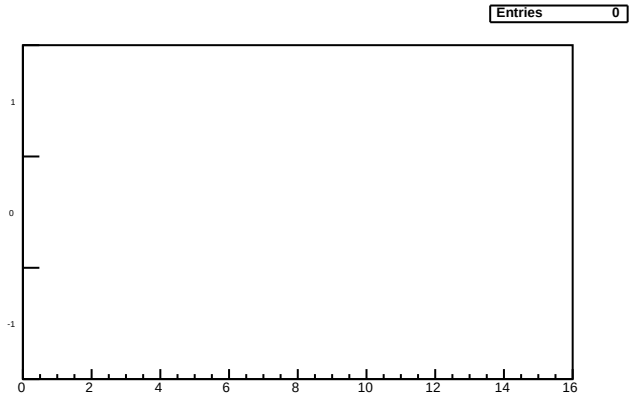
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