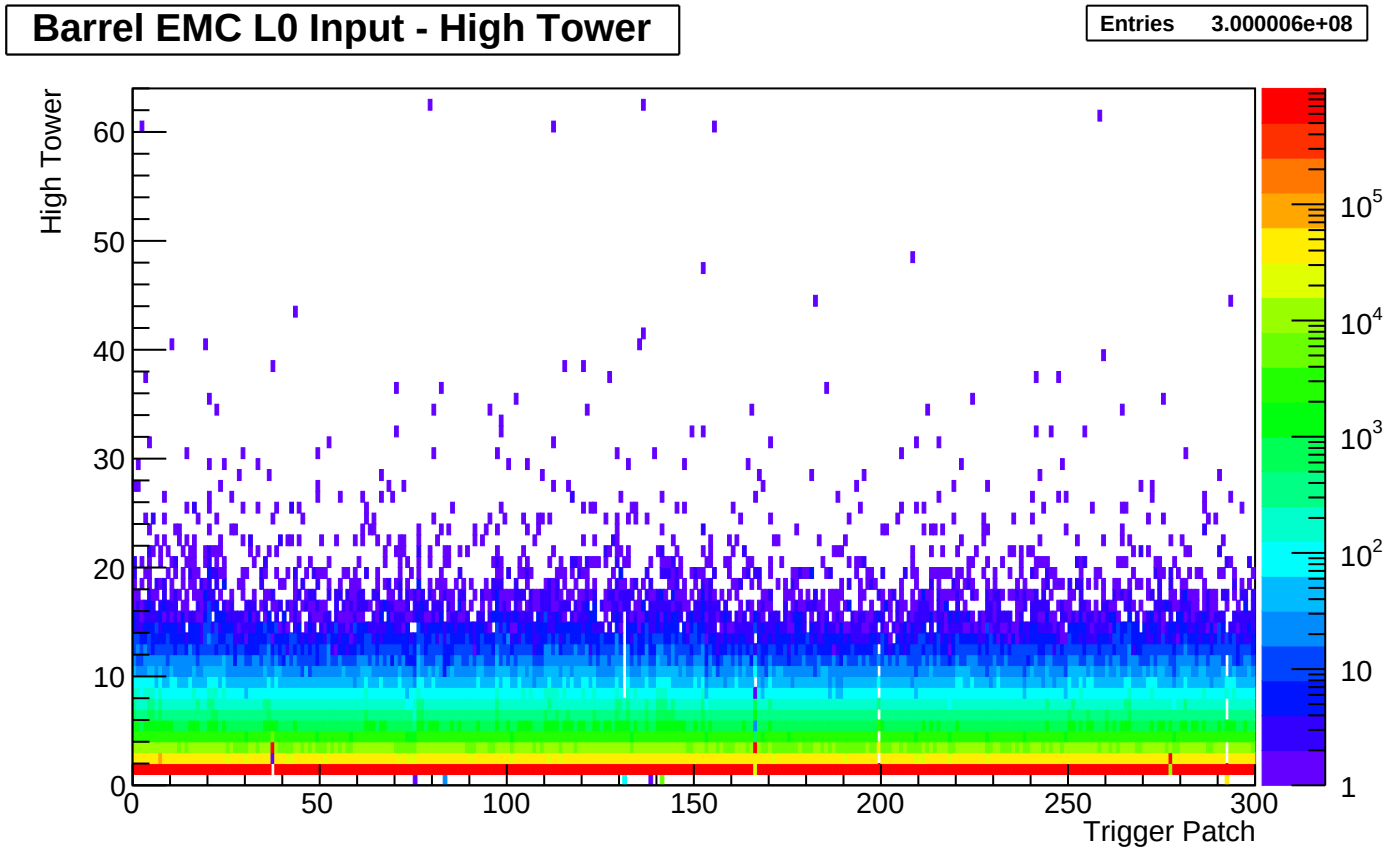
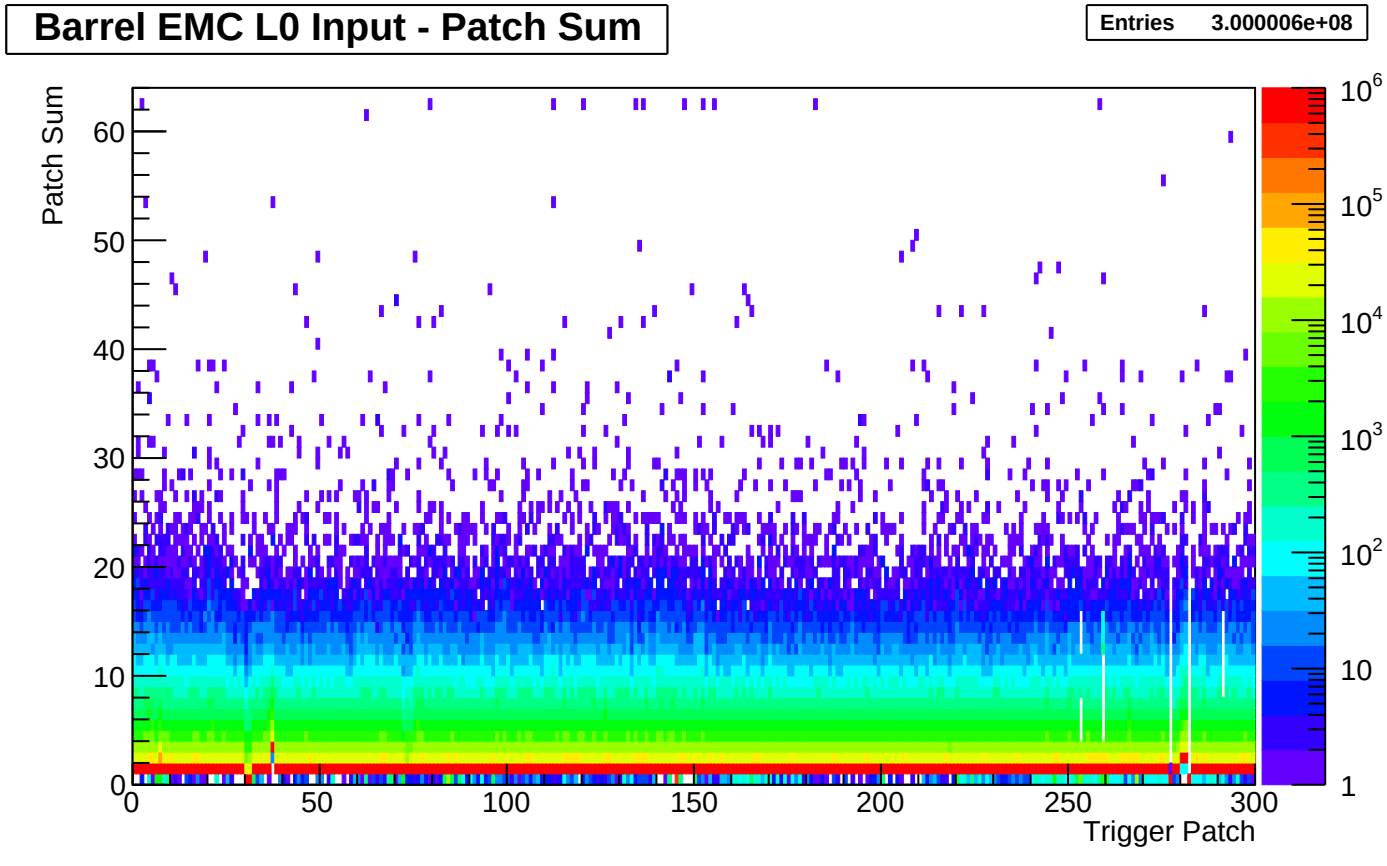
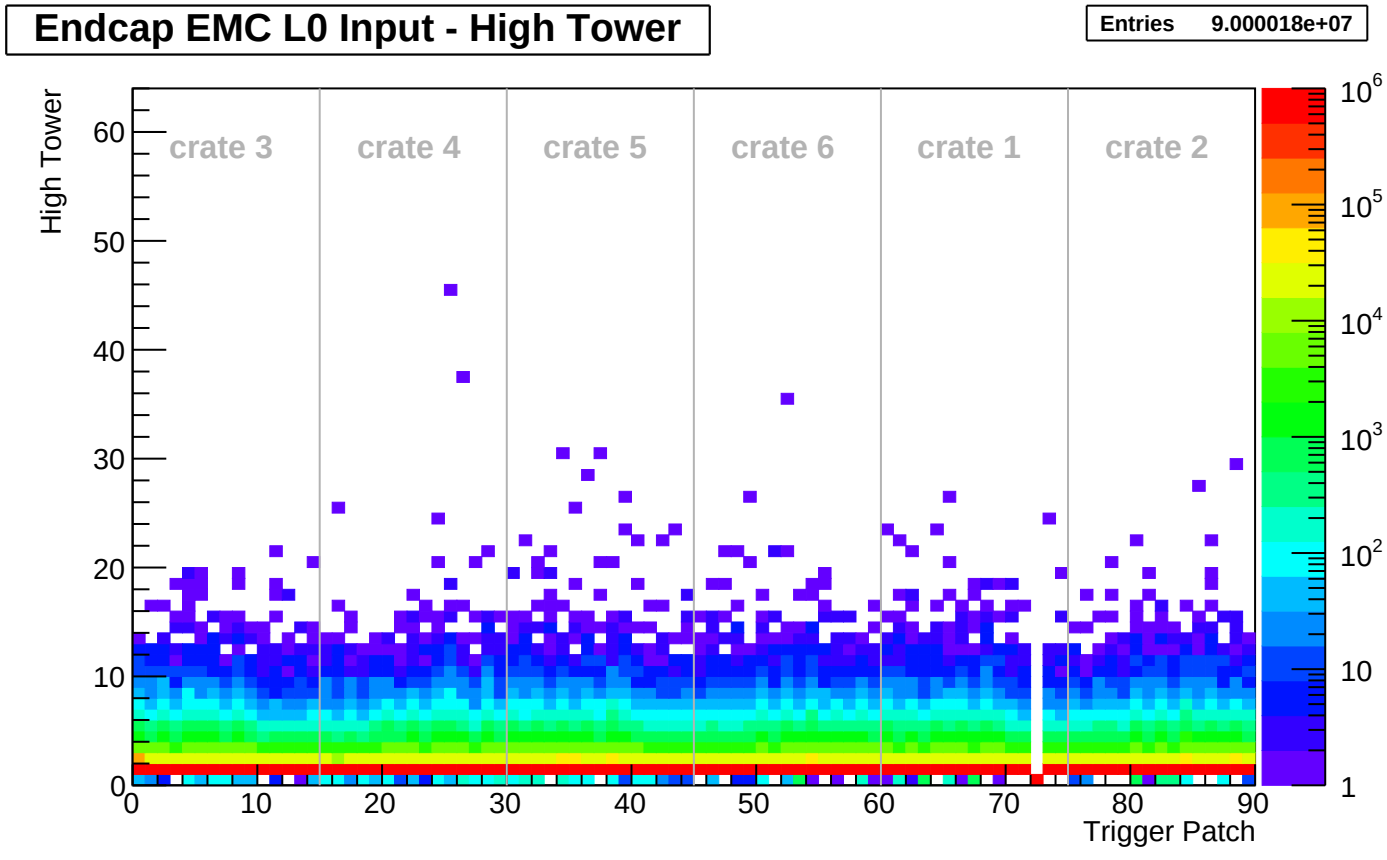
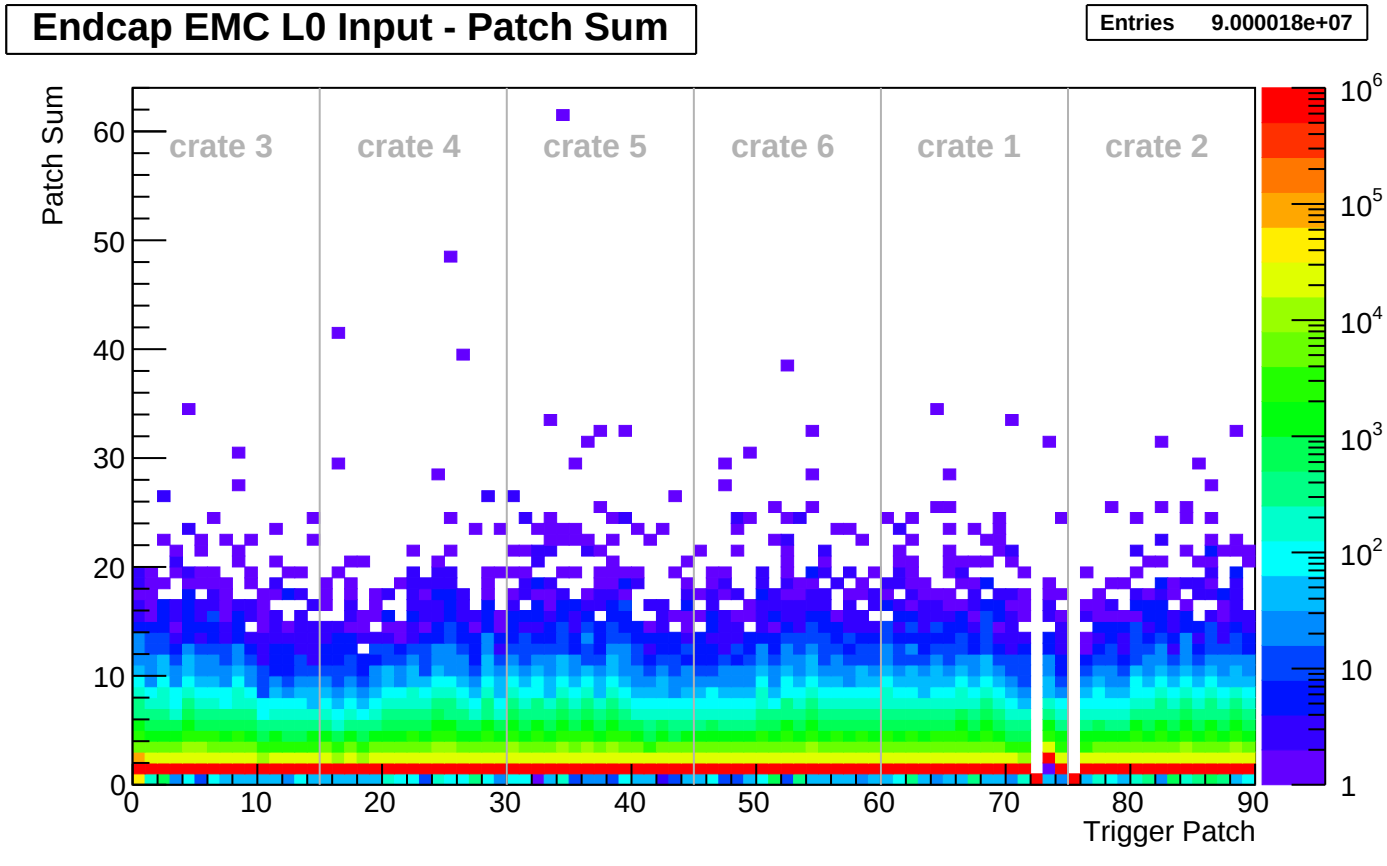
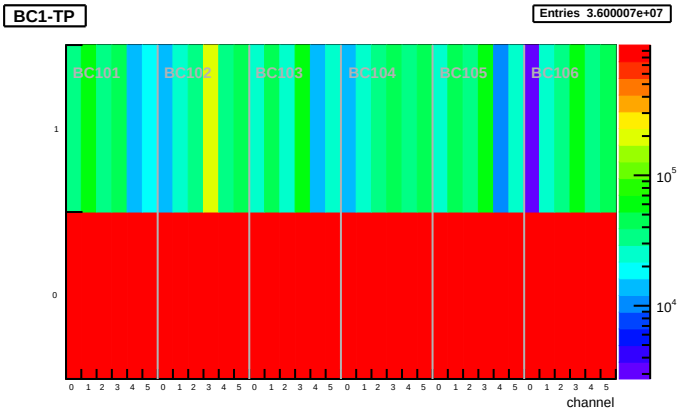
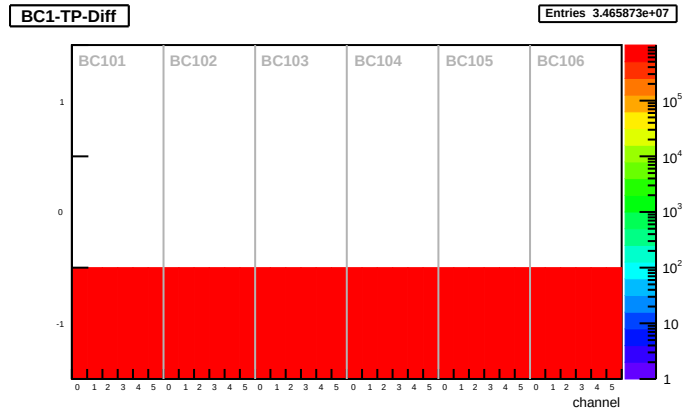

Barrel EMC L0 Input - High Tower
Entries 3.000006e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

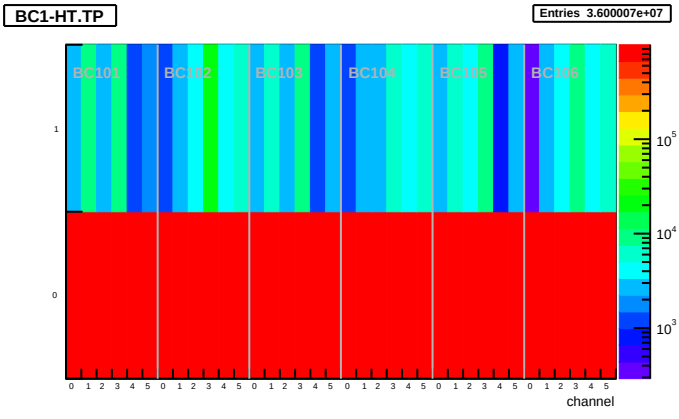

Barrel EMC L0 Input - Patch Sum
Entries 3.000006e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

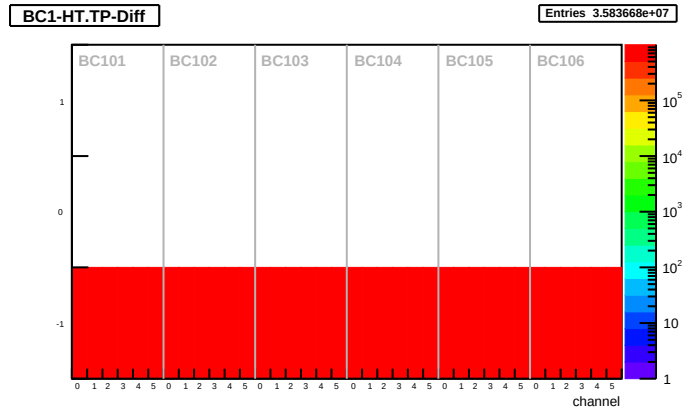

Endcap EMC L0 Input - High Tower
Entries 9.000018e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

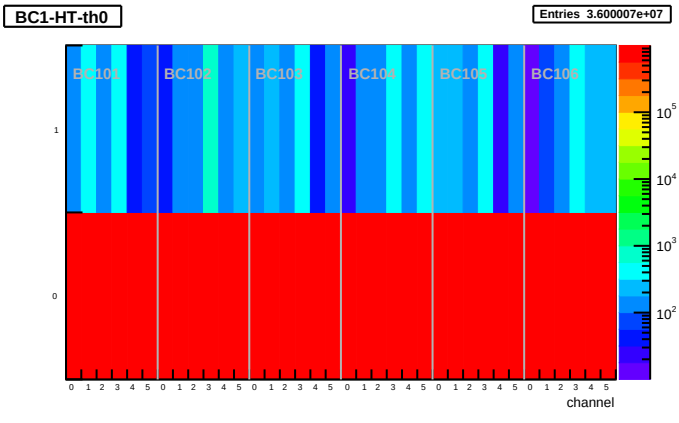

Endcap EMC L0 Input - Patch Sum
Entries 9.000018e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

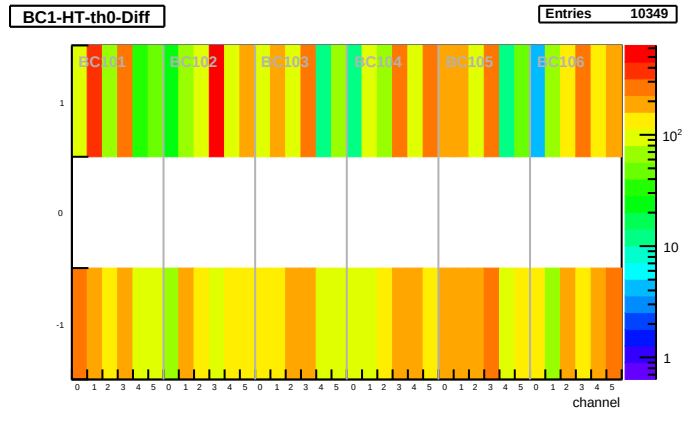

BC1-TP
Entries 3.600007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

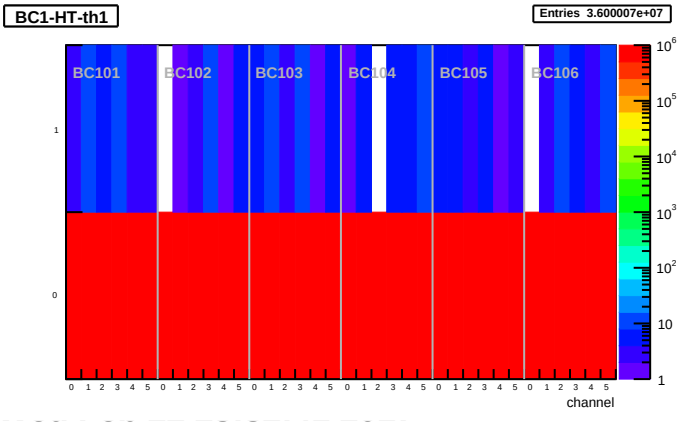

BC1-TP-Diff
Entries 3.465873e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

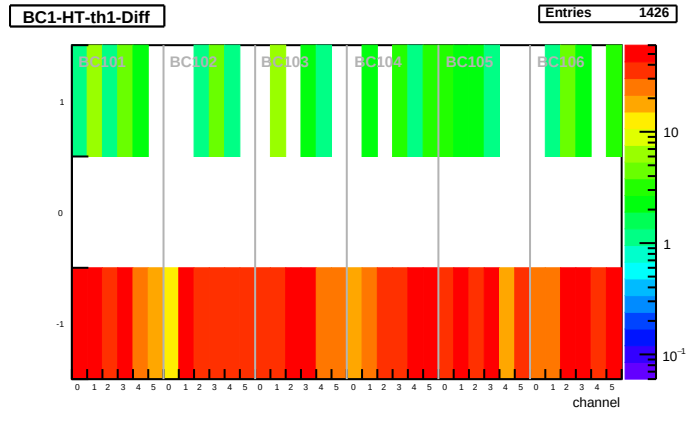

BC1-HT.TP
Entries 3.600007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 3.583668e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0
Entries 3.600007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

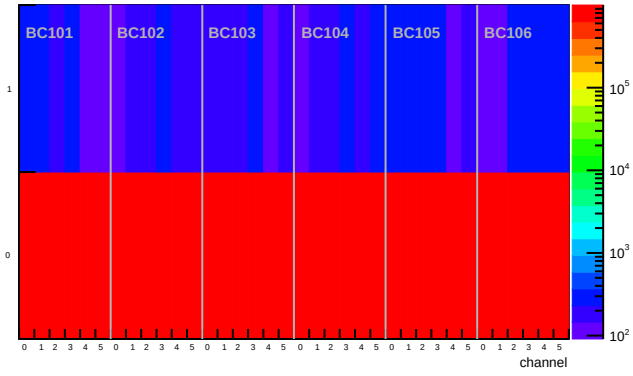

BC1-HT-th0-Diff
Entries 10349
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1
Entries 3.600007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 1426
BC101
BC102
BC103
BC104
BC105
BC106
channel

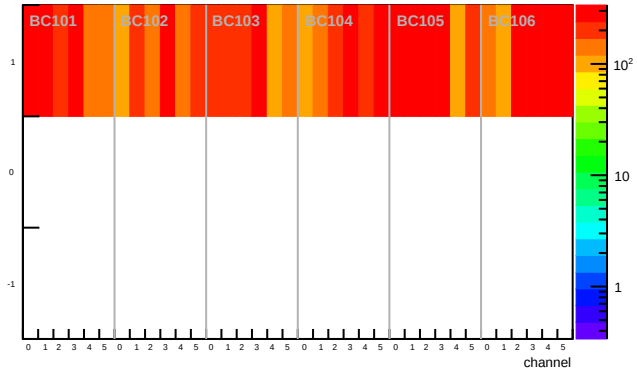
BC1-HT-th2

Entries 3.600007e+07



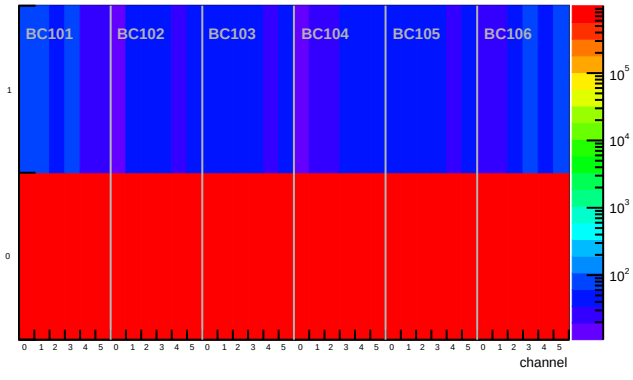
BC1-HT-th2-Diff

Entries 7434



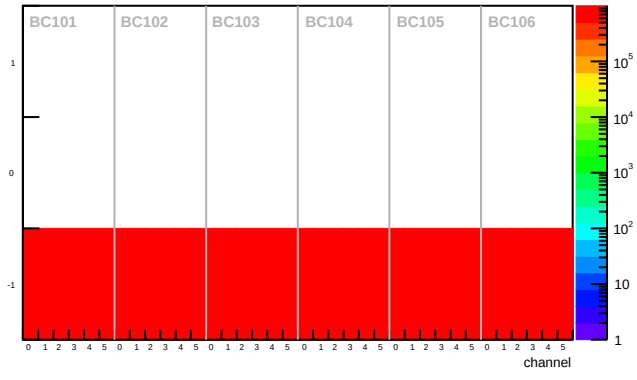
BC1-HT-th3

Entries 3.600007e+07



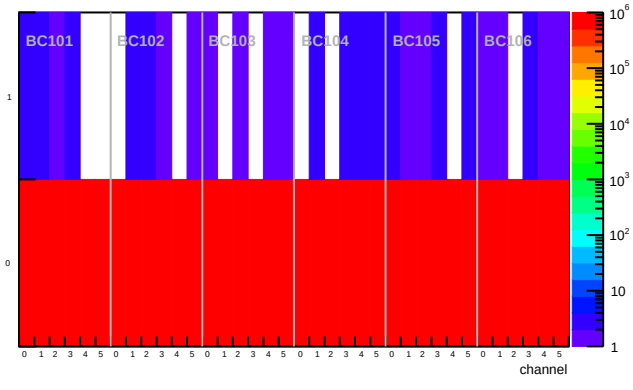
BC1-HT-th3-Diff

Entries 3.599858e+07



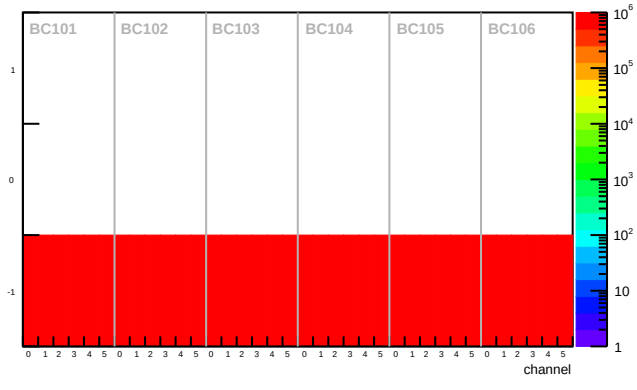
BC1-HT-th4

Entries 3.600007e+07



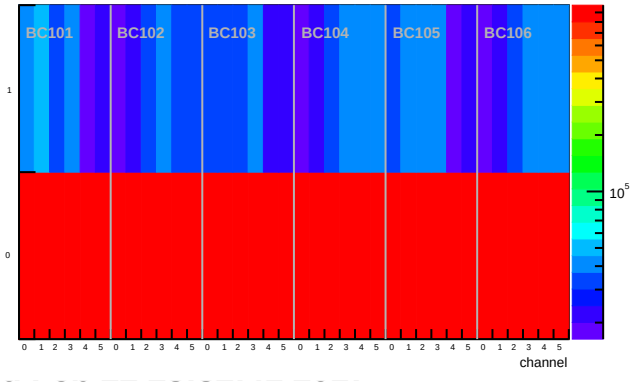
BC1-HT-th4-Diff

Entries 3.600003e+07



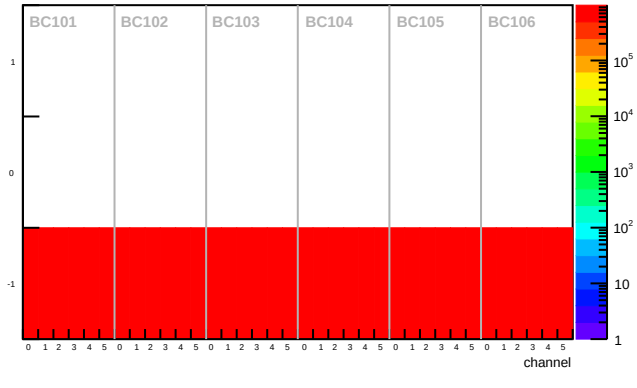
BC1-HT-UPC

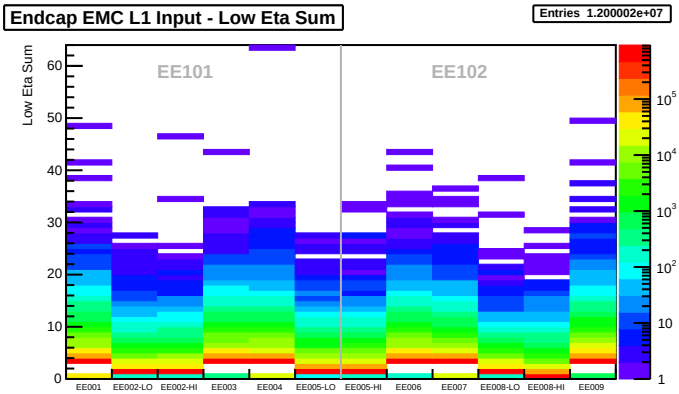
Entries 3.600007e+07

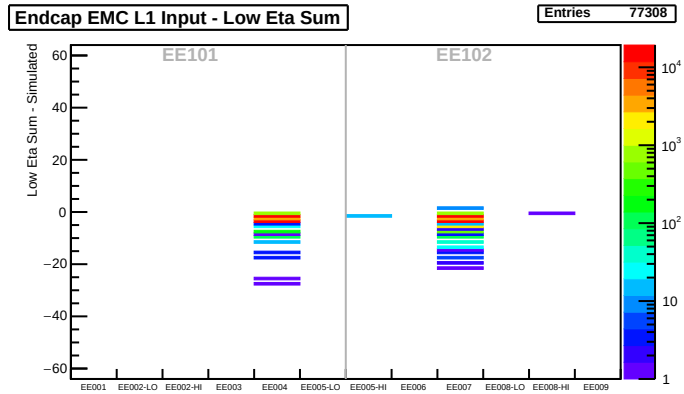


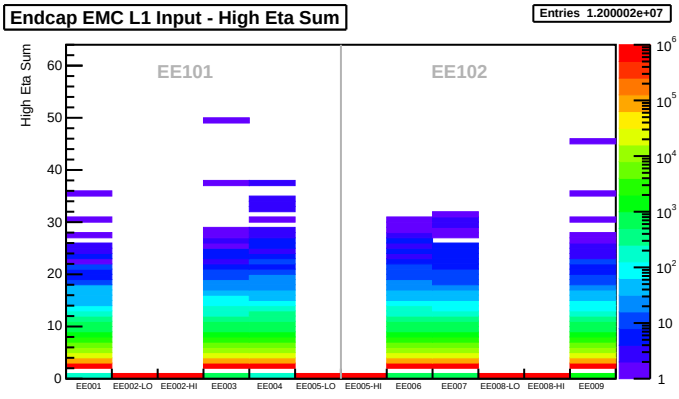
BC1-HT-UPC-Diff

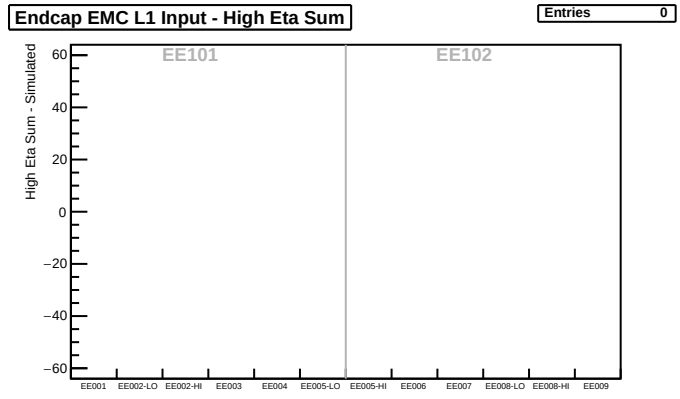
Entries 3.482544e+07

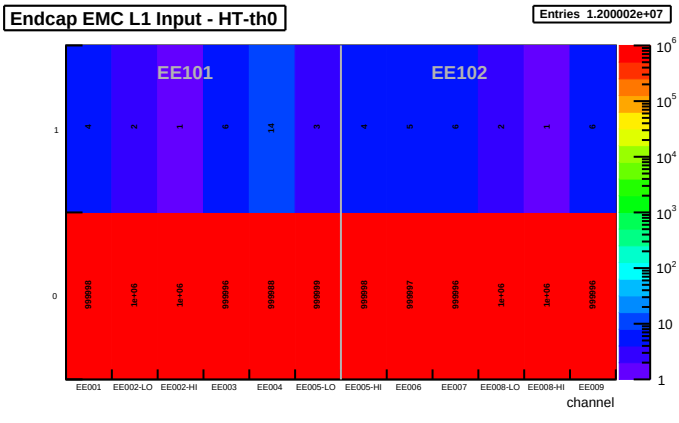


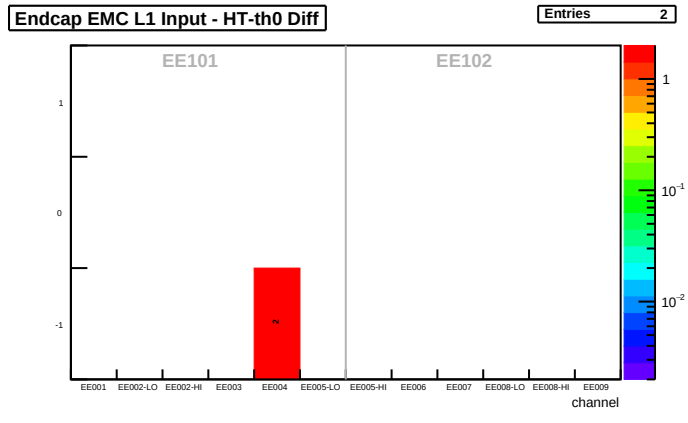

Endcap EMC L1 Input - Low Eta Sum
Entries 1.200002e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

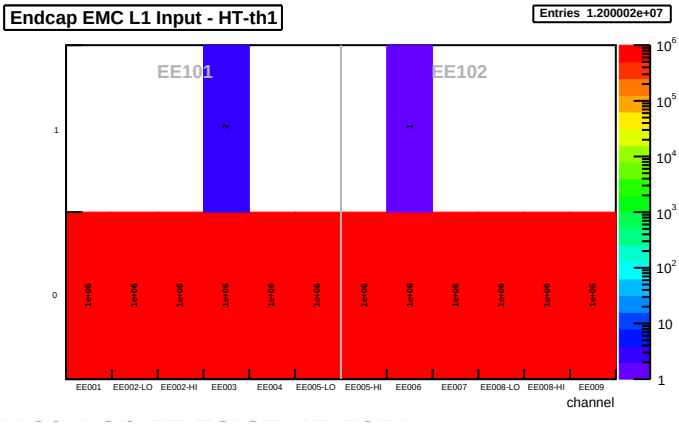

Endcap EMC L1 Input - Low Eta Sum
Entries 77308
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

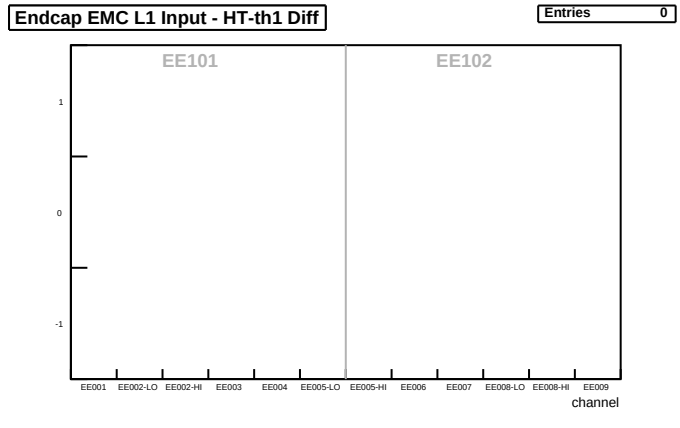

Endcap EMC L1 Input - High Eta Sum
Entries 1.200002e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

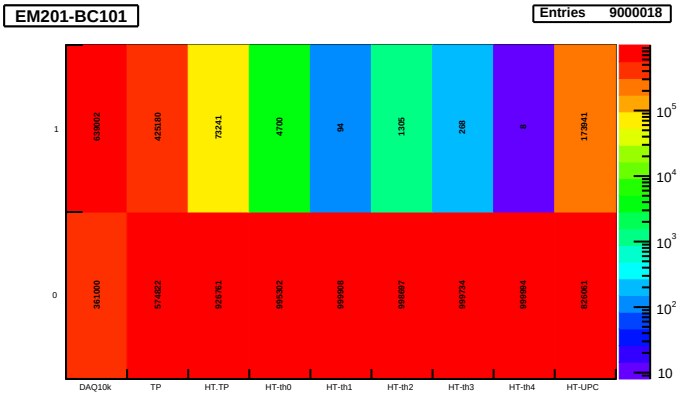

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

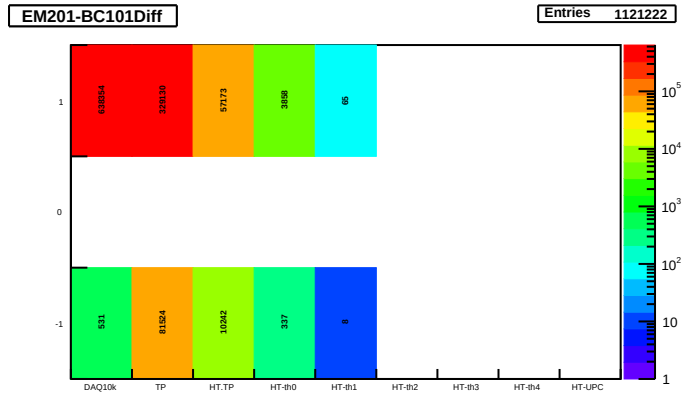

Endcap EMC L1 Input - HT-th0
Entries 1.200002e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

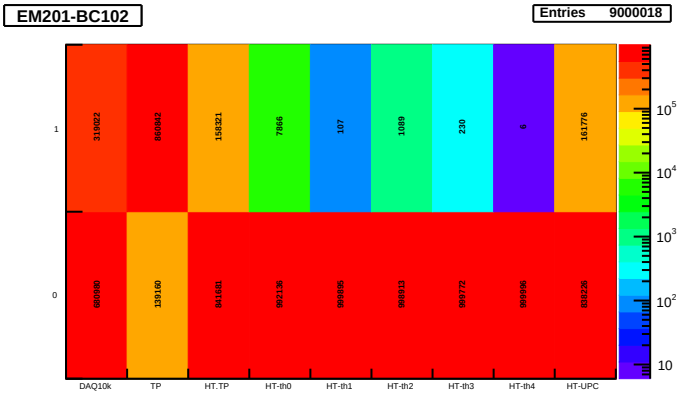

Endcap EMC L1 Input - HT-th0 Diff
Entries 2
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

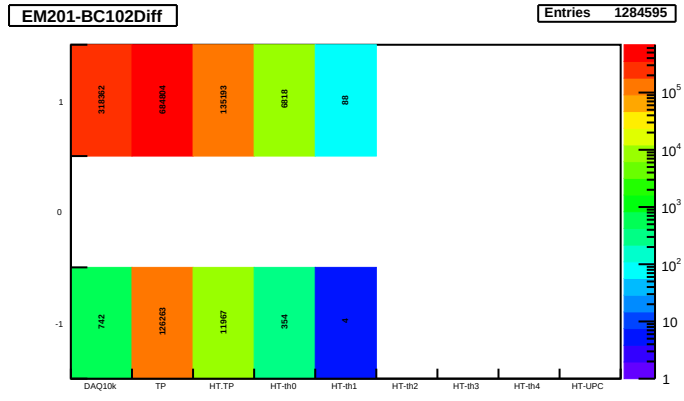

Endcap EMC L1 Input - HT-th1
Entries 1.200002e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

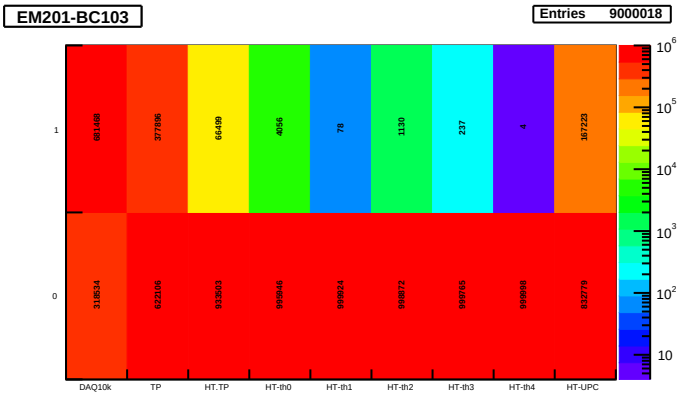

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

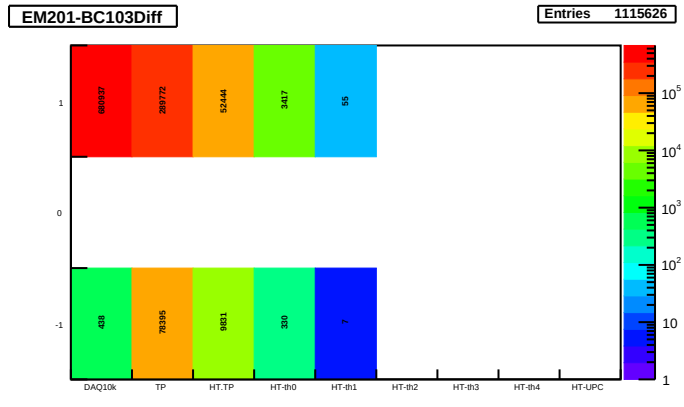

EM201-BC101
Entries 9000018
1
0
539002 425180 72341 4700 94 1305 268 8 173841
361000 574822 926761 995302 999908 998897 999734 999994 826051
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10

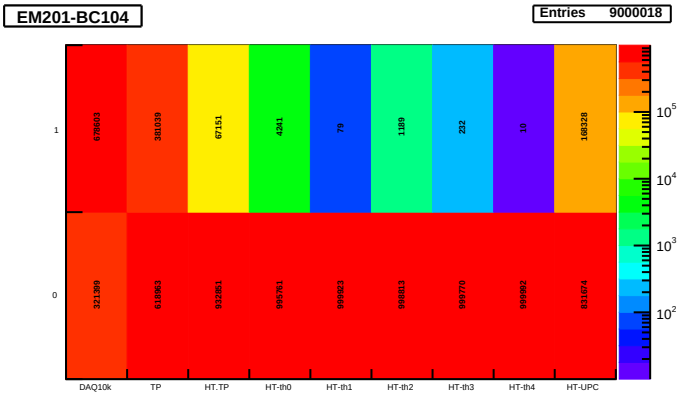

EM201-BC101Diff
Entries 1121222
1
0
-1
638354 329130 57173 3858 65
531 81524 10242 337 8
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

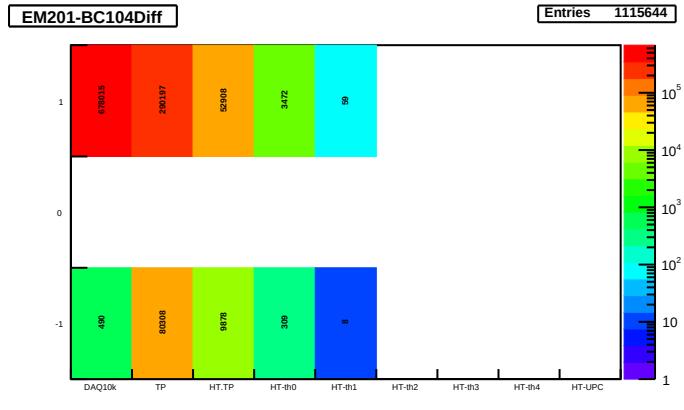

EM201-BC102
Entries 9000018
1
0
319022 860942 158321 7866 107 1089 230 6 161776
680980 139160 841681 992136 999895 999913 999772 999996 838226
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10

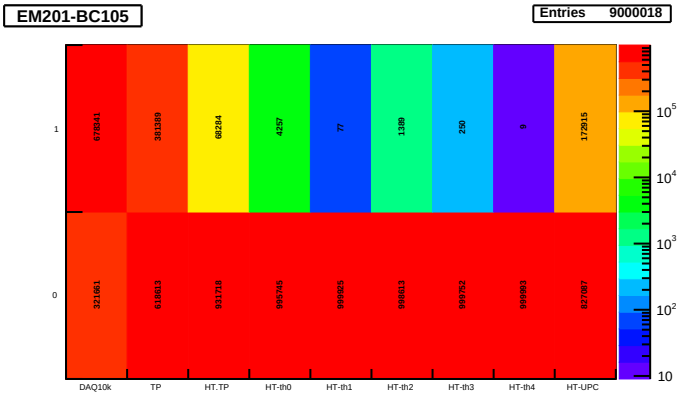

EM201-BC102Diff
Entries 1284595
1
0
-1
318362 684804 135193 6818 88
742 126263 11967 354 4
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

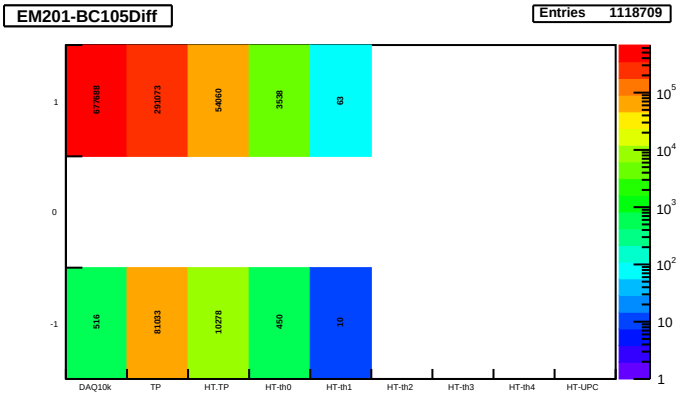

EM201-BC103
Entries 9000018
1
0
681468 377886 66499 4056 78 1130 237 4 167223
318534 622106 933503 999946 999924 998872 999765 999998 832779
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^6 10^5 10^4 10^3 10^2 10

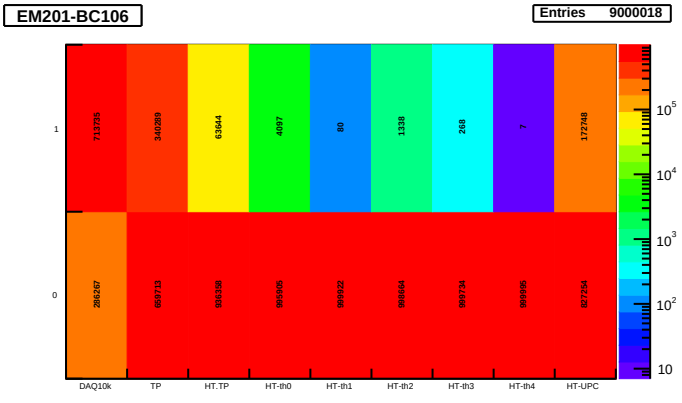

EM201-BC103Diff
Entries 1115626
1
0
-1
680937 289772 52444 3417 55
438 78395 9821 300 7
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

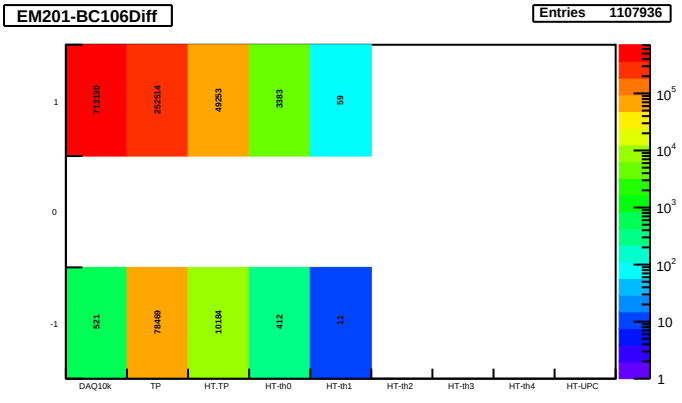

EM201-BC104
Entries 9000018
1
0
676603 381039 67151 4241 79 1189 232 10 168328
321389 618863 932851 995761 999923 998813 999770 999992 831874
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2

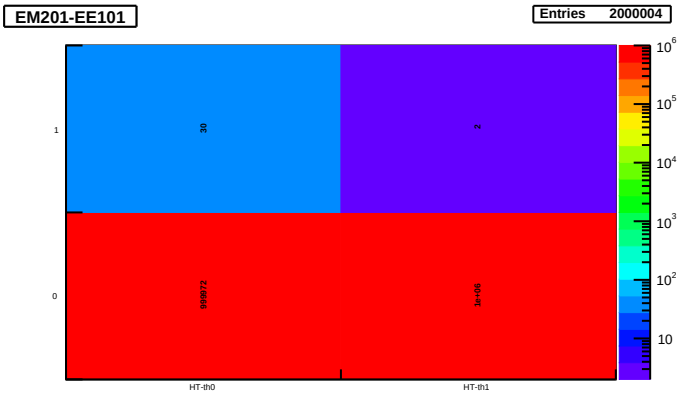

EM201-BC104Diff
Entries 1115644
1
0
-1
678015 290197 52908 3472 59
490 80308 9878 309 8
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

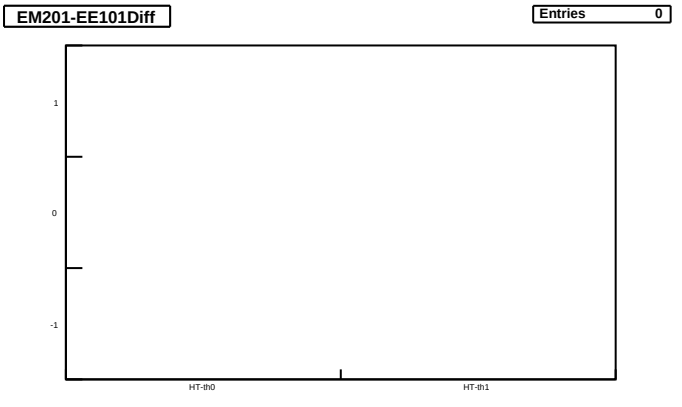

EM201-BC105
Entries 9000018
1
0
576941
381389
68284
4257
77
1399
250
9
172915
321661
618613
931718
995745
999925
998613
999752
999993
827087
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10

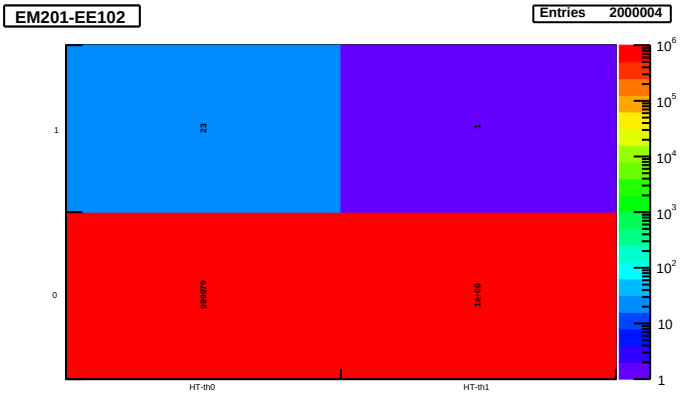

EM201-BC105Diff
Entries 1118709
1
0
-1
677588
291073
54060
3538
63
516
81033
10278
450
10
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

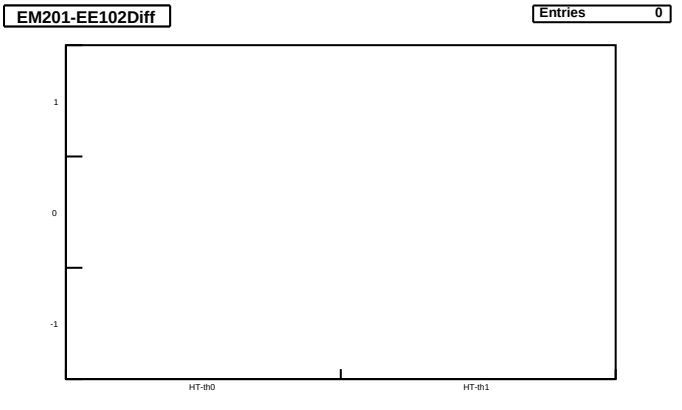

EM201-BC106
Entries 9000018
1
0
713735
340289
63944
4097
80
1338
268
7
172748
286267
659713
936358
995905
999922
998684
999734
999995
827254
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10

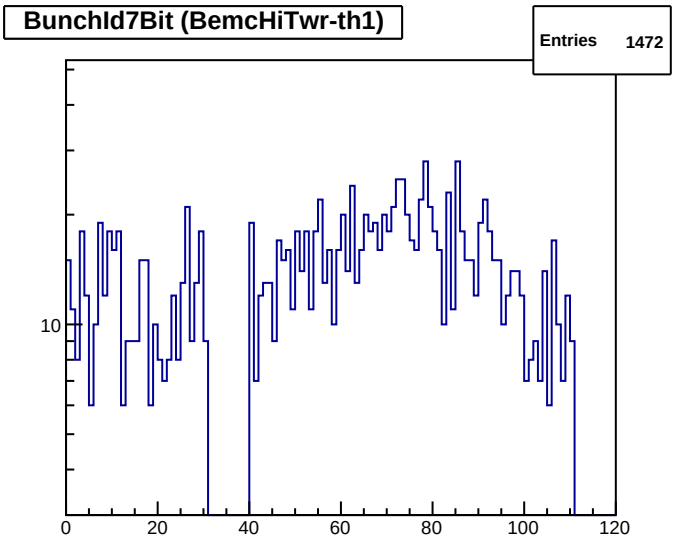

EM201-BC106Diff
Entries 1107936
1
0
-1
713130
252514
49253
3383
59
521
78469
10184
412
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

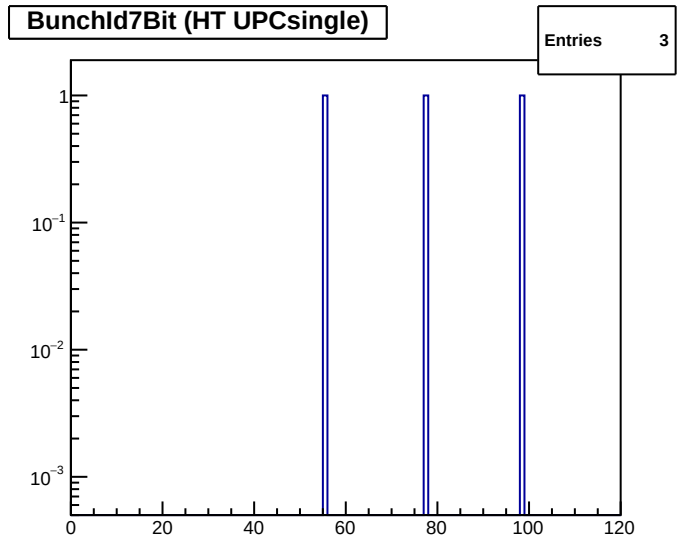

EM201-EE101
Entries 2000004
1
0
30
2
999972
1e+06
HT-th0
HT-th1
10^6
10^5
10^4
10^3
10^2
10

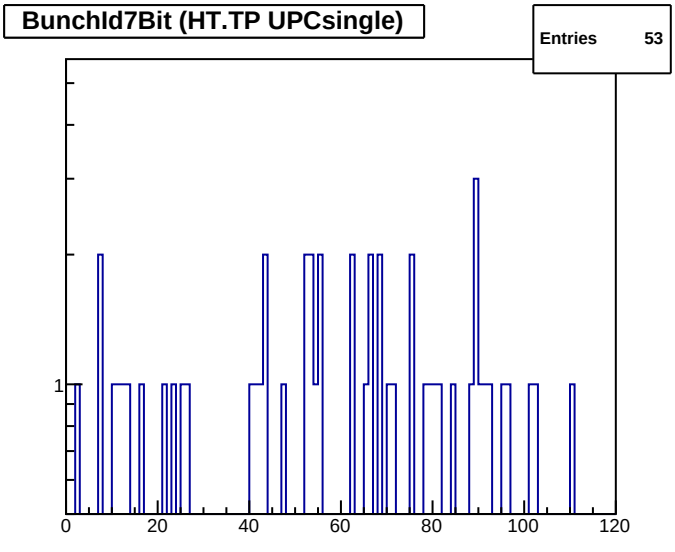

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

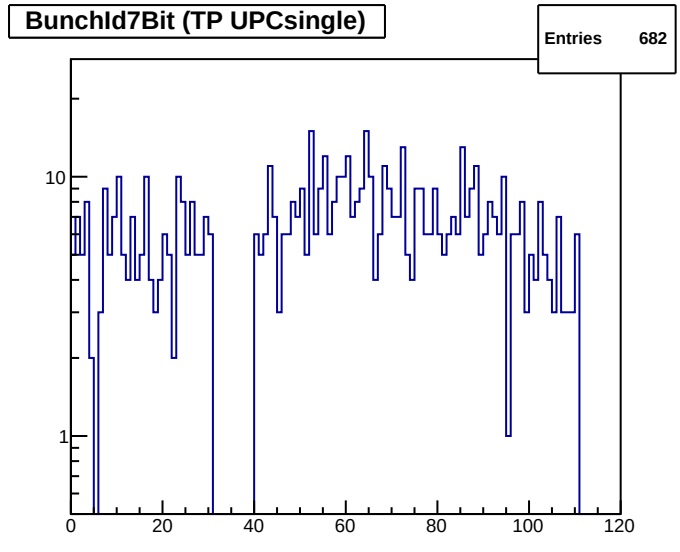

EM201-EE102
Entries 2000004
1
0
23
1
999979
1e+06
HT-th0
HT-th1
10^6
10^5
10^4
10^3
10^2
10
1

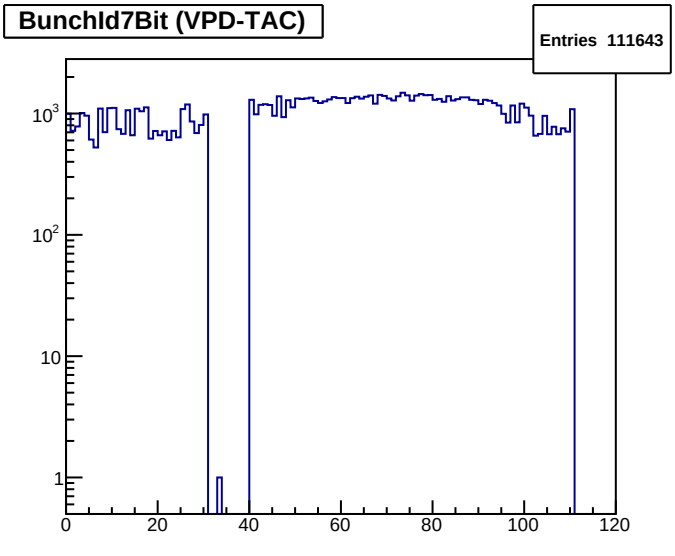

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

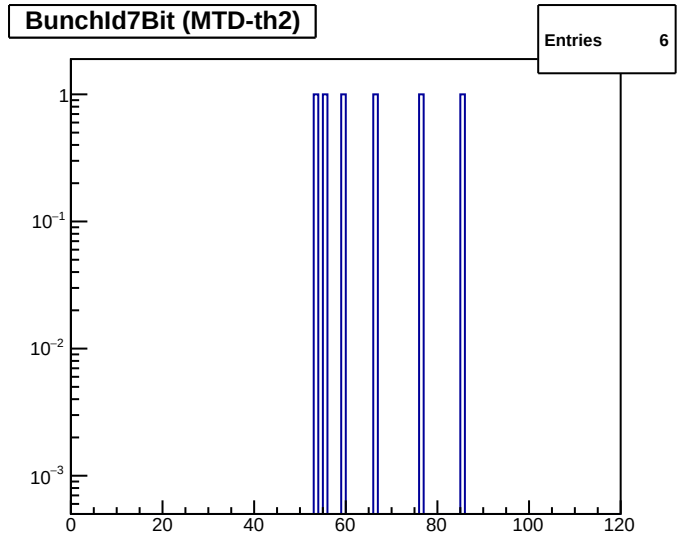

BunchId7Bit (BemcHiTwr-th1)
Entries 1472
10
0 20 40 60 80 100 120

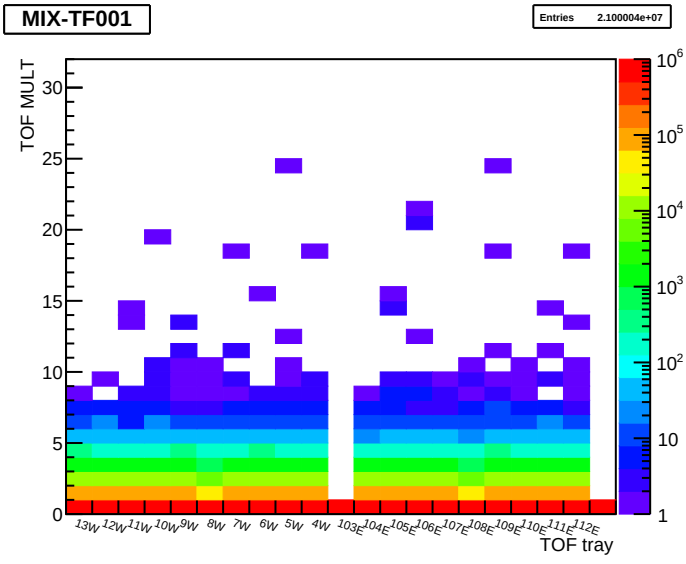

BunchId7Bit (HT UPCsingle)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

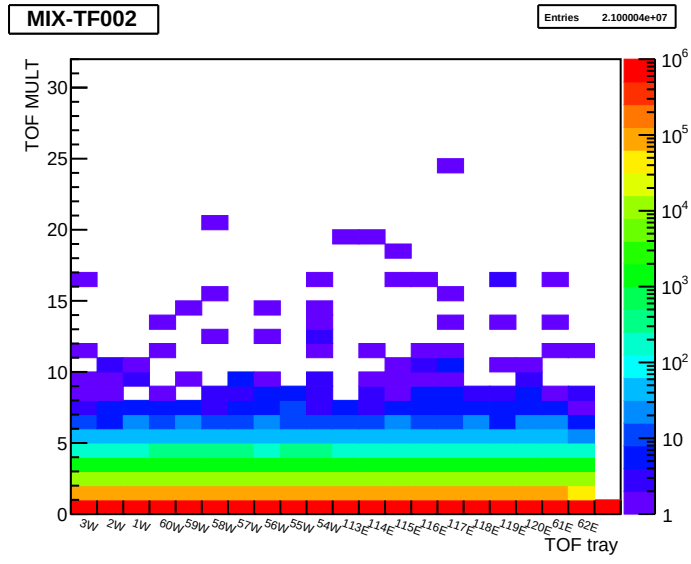

BunchId7Bit (HT.TP UPCsingle)
Entries 53
1
0 20 40 60 80 100 120

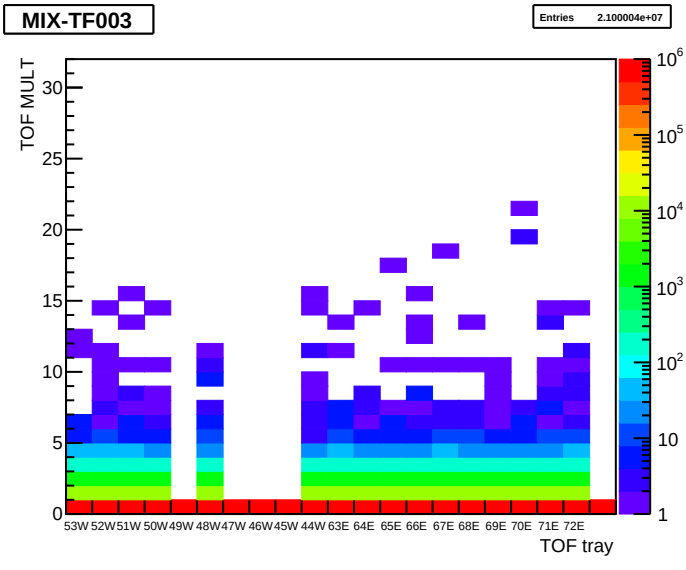

BunchId7Bit (TP UPCsingle)
Entries 682
10
1
0 20 40 60 80 100 120

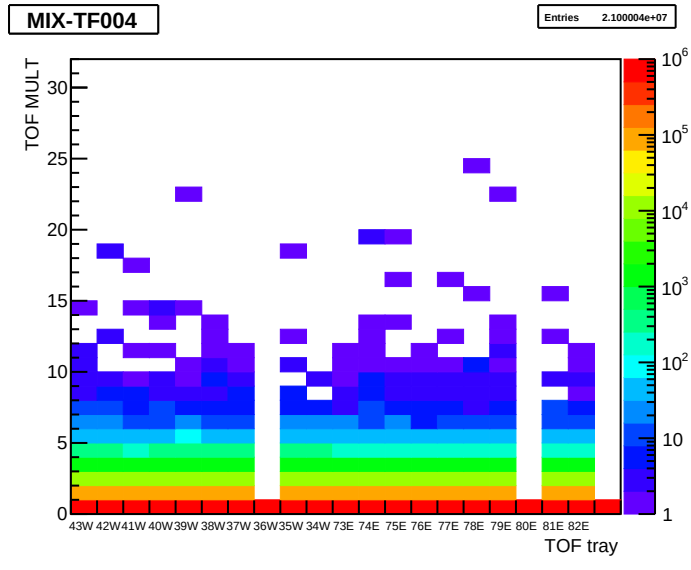

BunchId7Bit (VPD-TAC)
Entries 111643
10^3
10^2
10
1
0 20 40 60 80 100 120

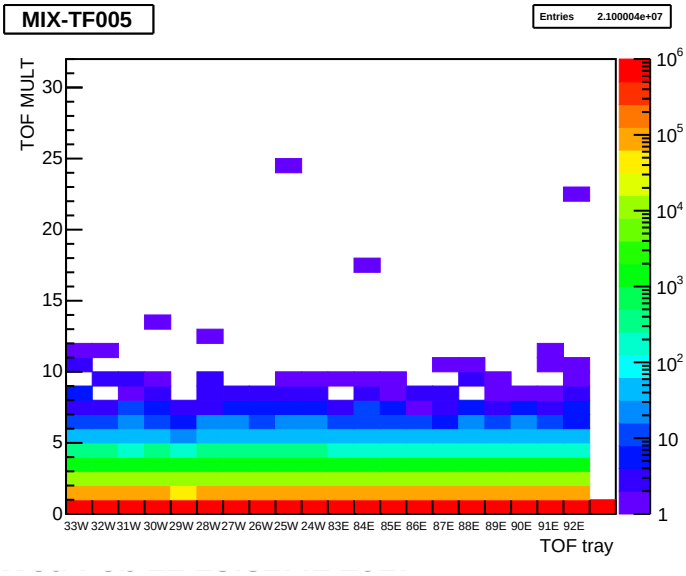

BunchId7Bit (MTD-th2)
Entries 6
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

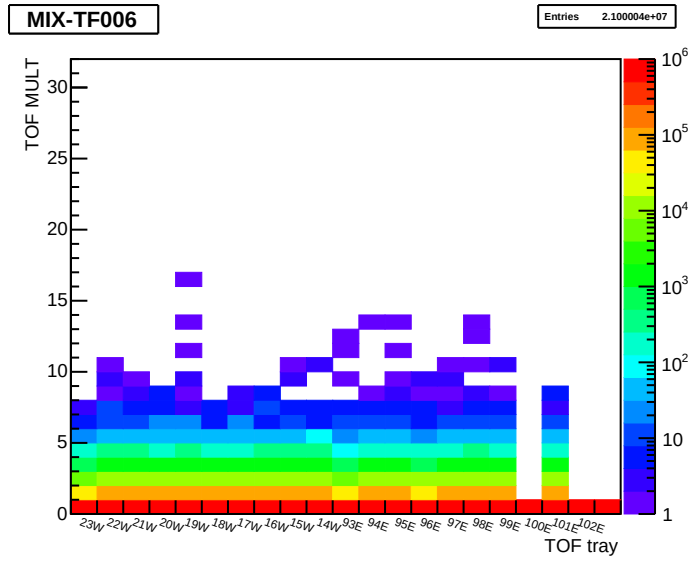

MIX-TF001
Entries 2.100004e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

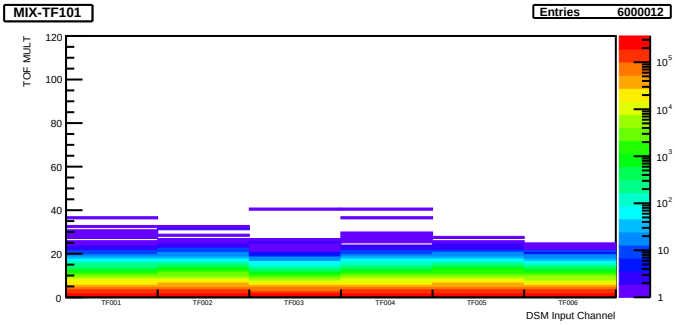

MIX-TF002
Entries 2.100004e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

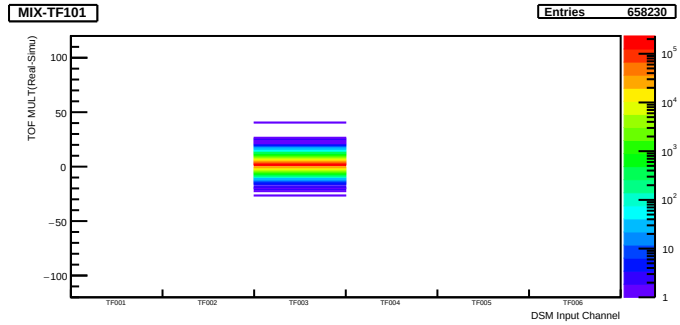

MIX-TF003
Entries 2.100004e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

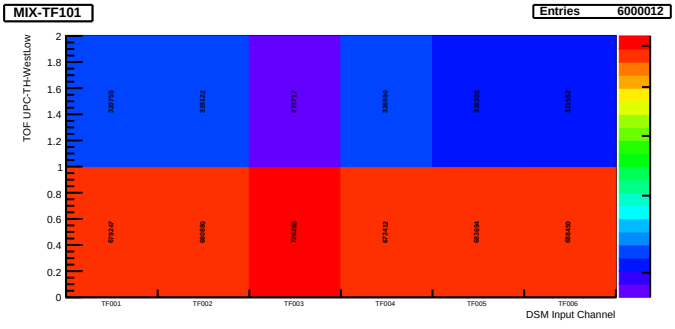

MIX-TF004
Entries 2.100004e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

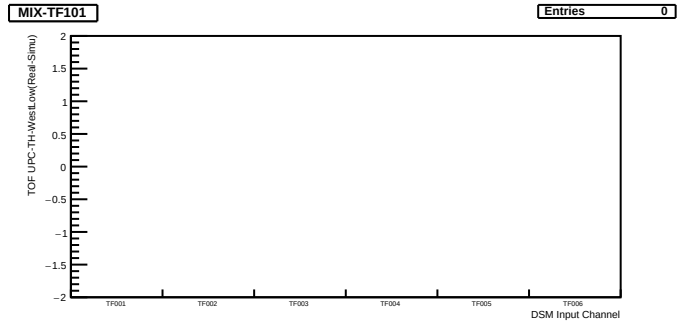

MIX-TF005
Entries 2.100004e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

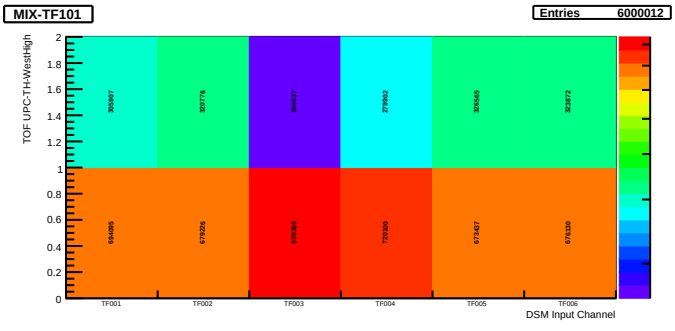

MIX-TF006
Entries 2.100004e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

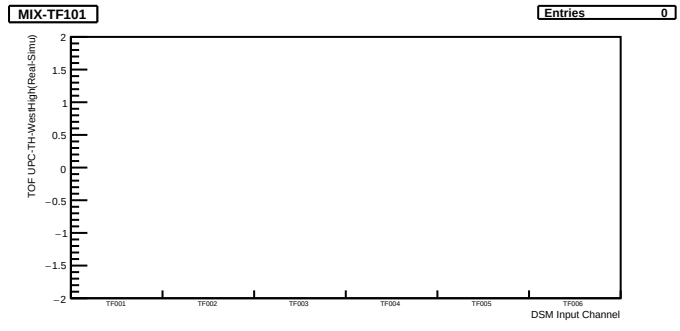

MIX-TF101
Entries 6000012
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

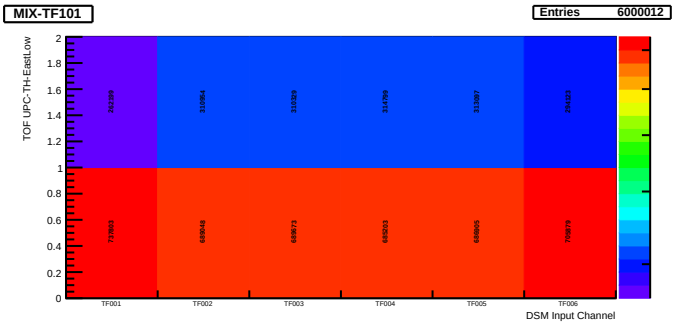

MIX-TF101
Entries 658230
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

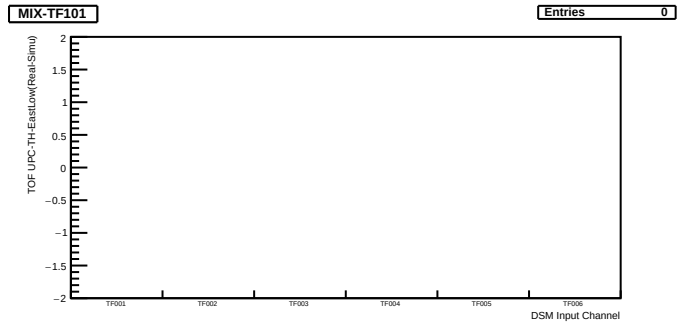

MIX-TF101
Entries 6000012
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

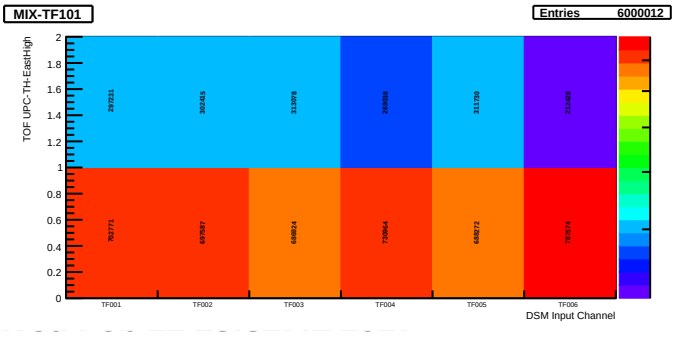

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

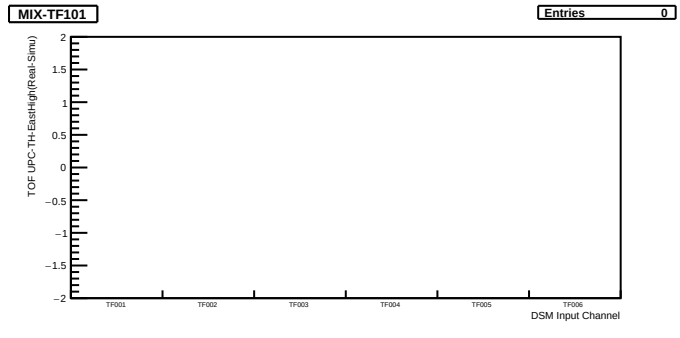

MIX-TF101
Entries 6000012
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

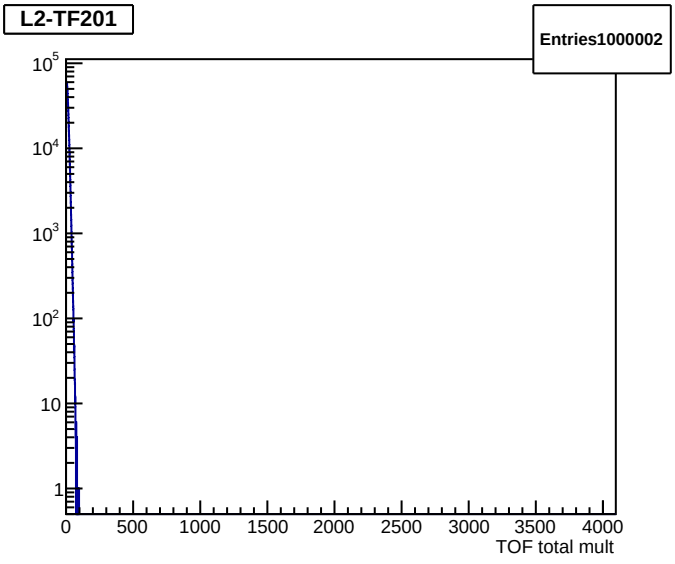

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

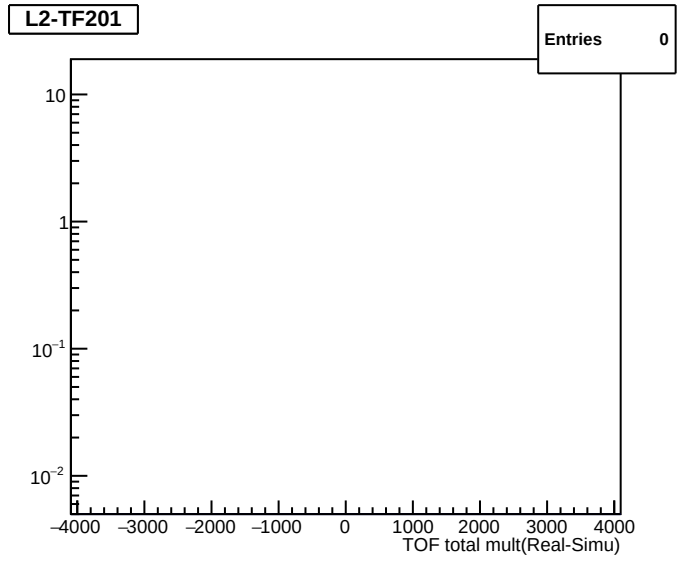

MIX-TF101
Entries 6000012
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

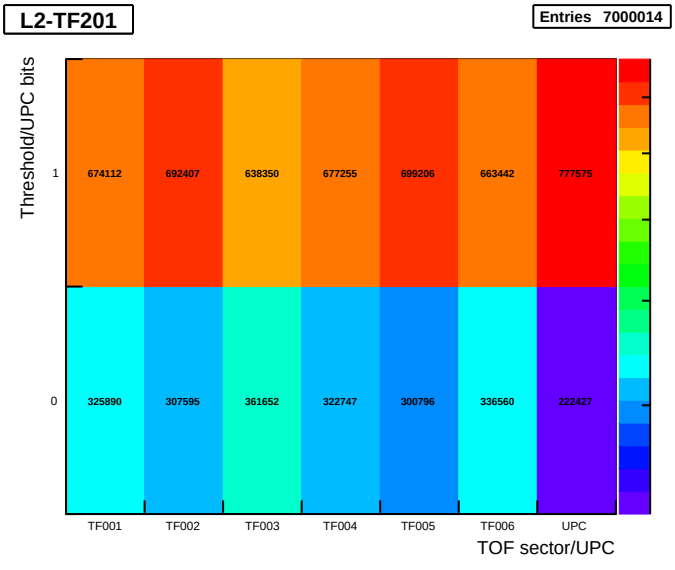

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

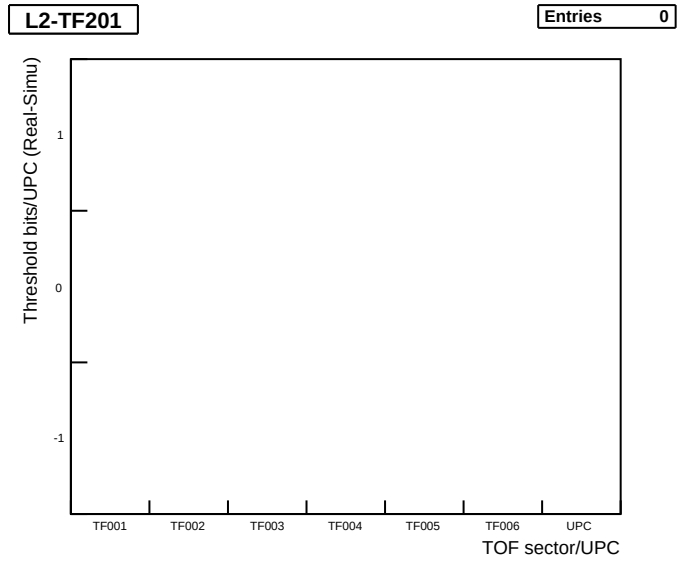

MIX-TF101
Entries 6000012
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

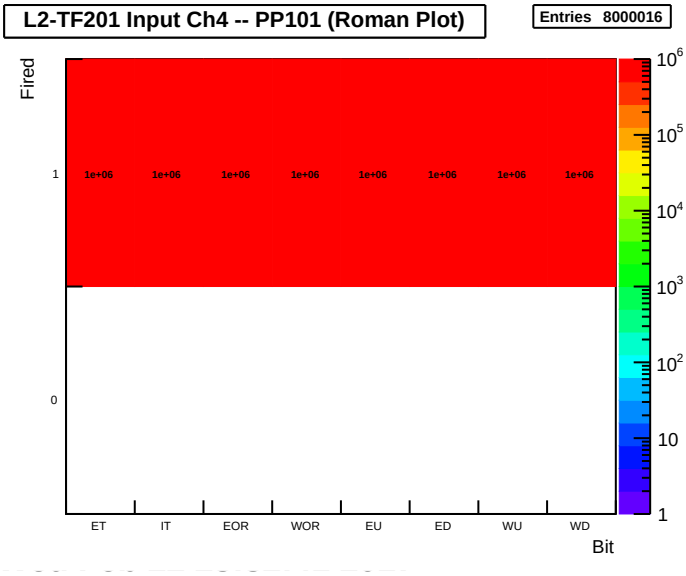

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

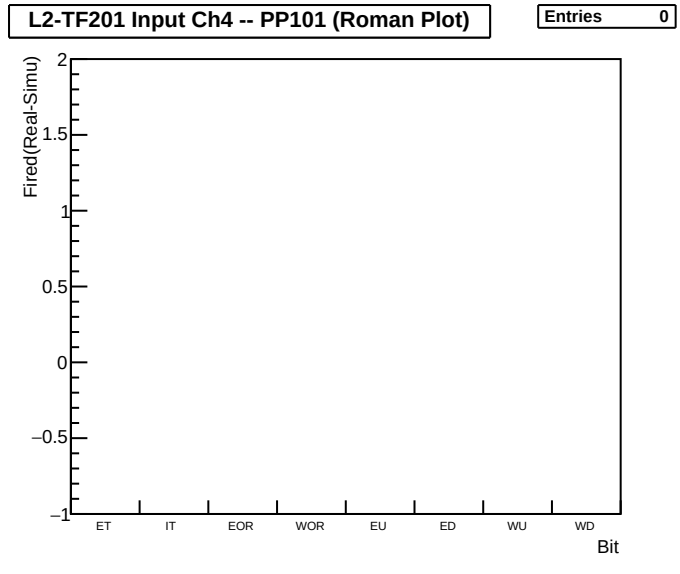

L2-TF201
Entries1000002
TOF total mult

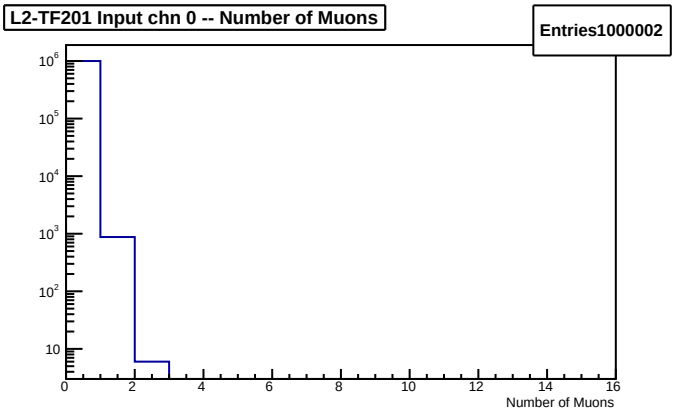

L2-TF201
Entries 0
TOF total mult(Real-Simu)

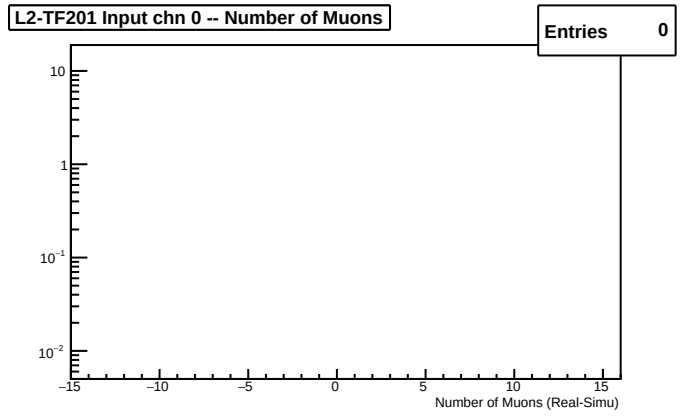

L2-TF201
Entries 7000014
Threshold/UPC bits
674112
692407
638350
677255
699206
663442
777575
325890
307595
361652
322747
300796
336560
222427
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

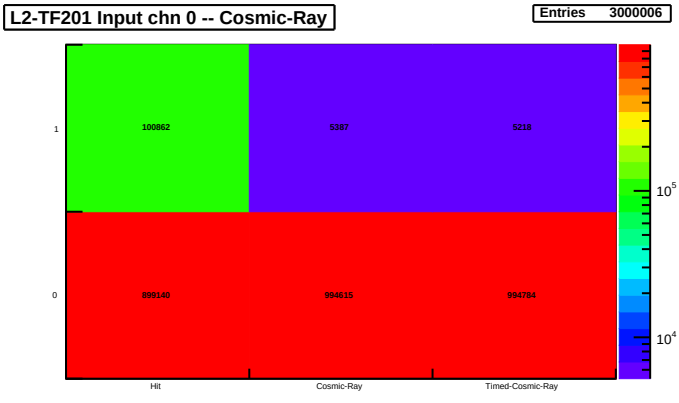

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

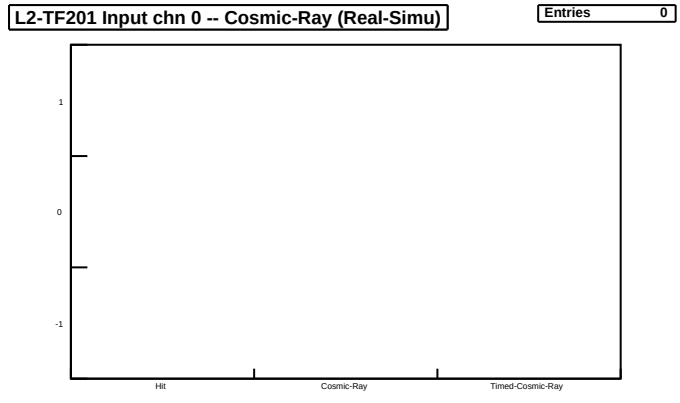

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 8000016
Fired
1e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

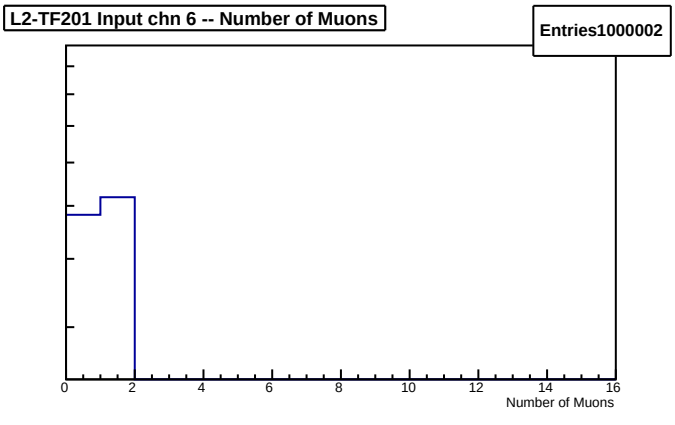

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

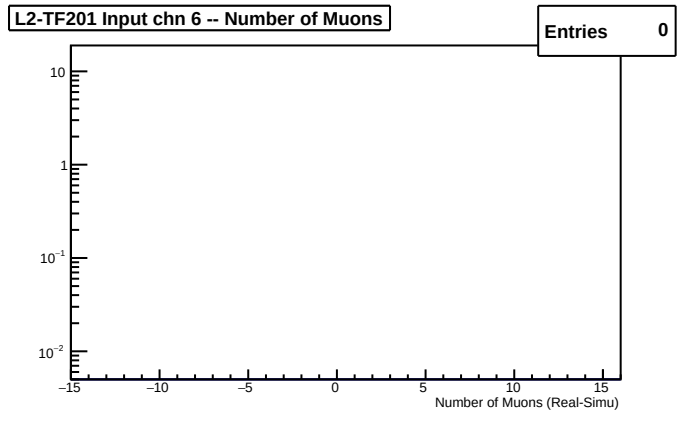

L2-TF201 Input chn 0 -- Number of Muons
Entries1000002
Number of Muons

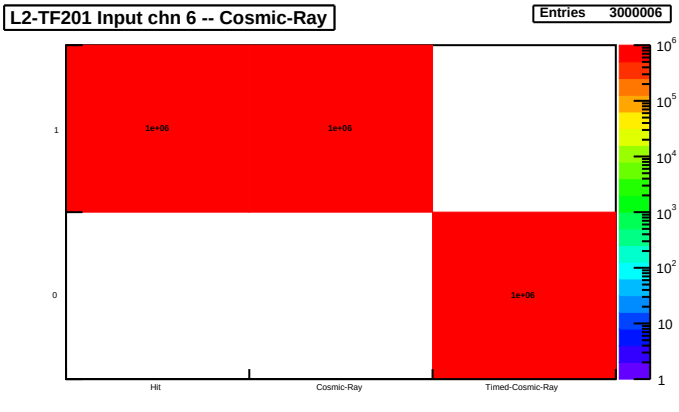

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

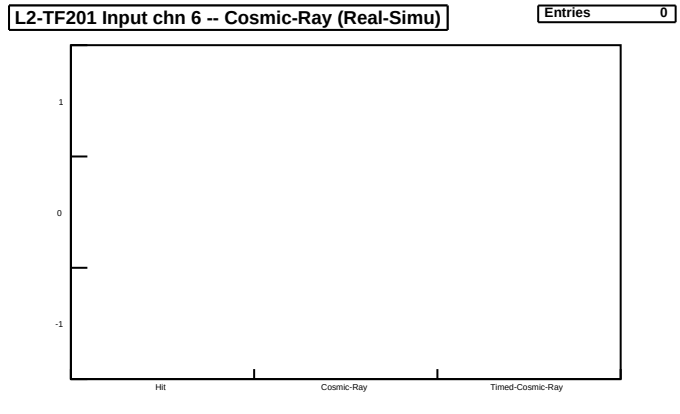

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3000006
100862
5387
5218
899140
994615
994784
Hit
Cosmic-Ray
Timed-Cosmic-Ray

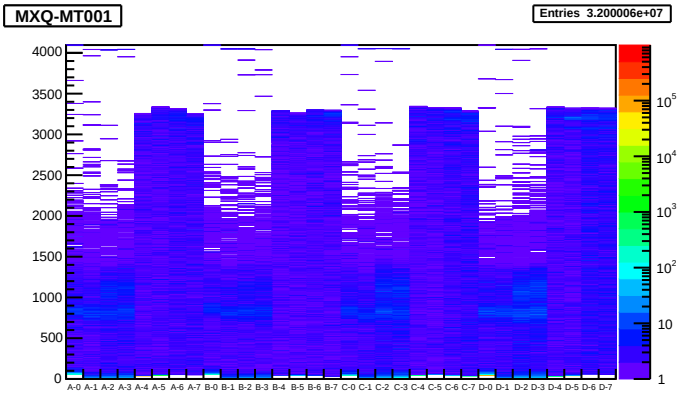

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

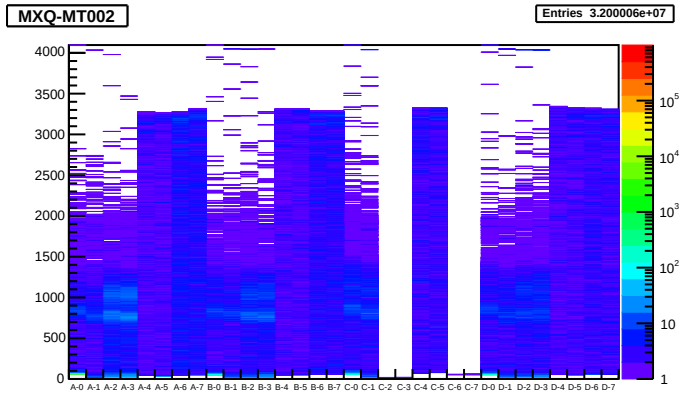

L2-TF201 Input chn 6 -- Number of Muons
Entries1000002
Number of Muons

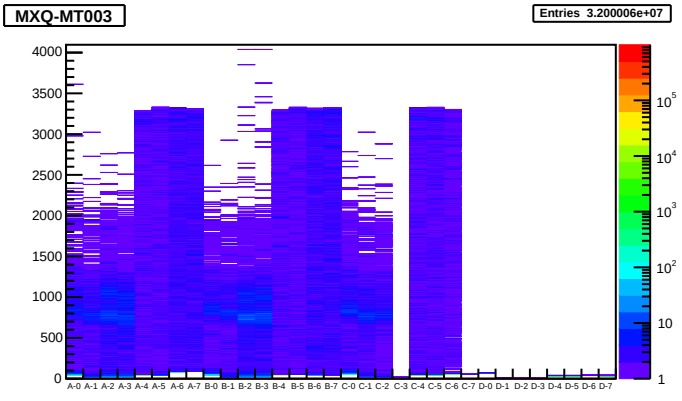

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

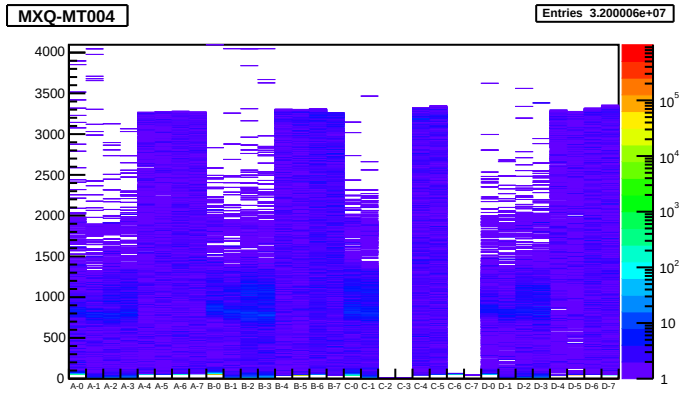

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 3000006
1e+06
1e+06
1e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

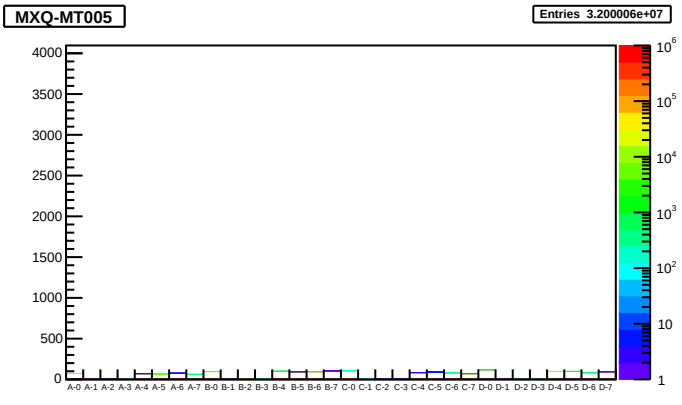

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

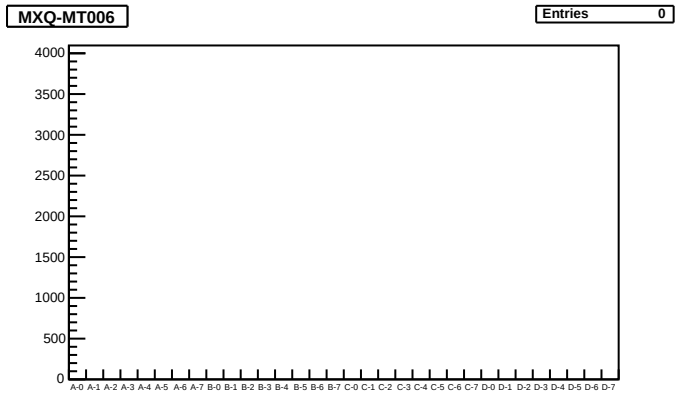

MXQ-MT001
Entries 3.200006e+07

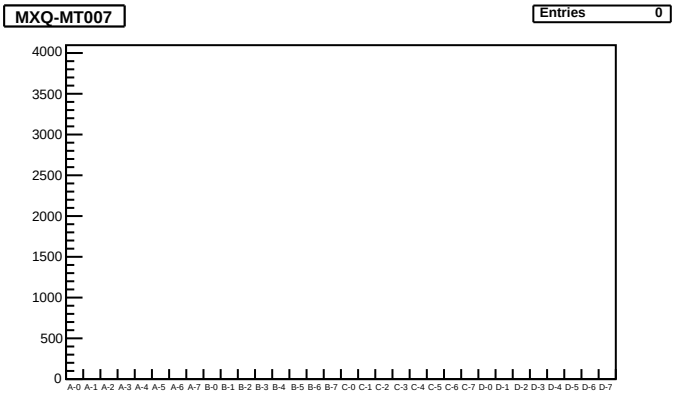

MXQ-MT002
Entries 3.200006e+07

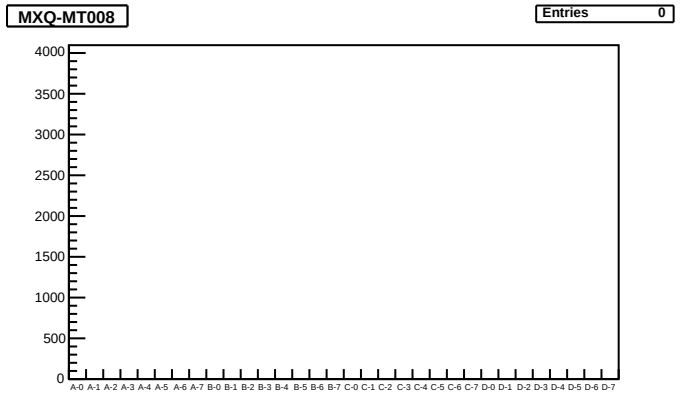

MXQ-MT003
Entries 3.200006e+07

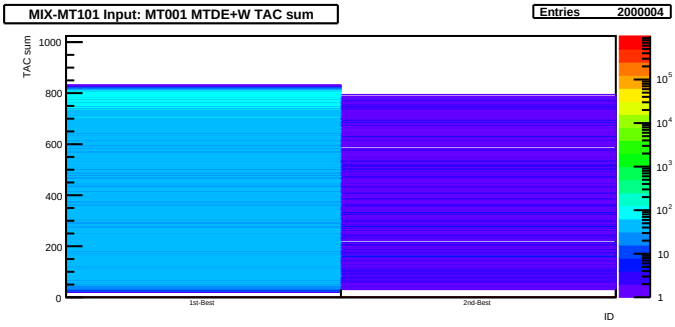

MXQ-MT004
Entries 3.200006e+07

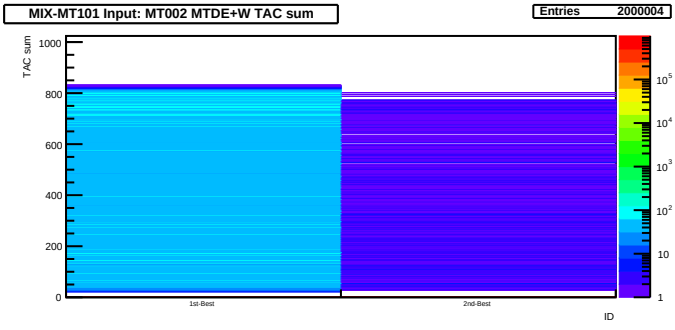

MXQ-MT005
Entries 3.200006e+07

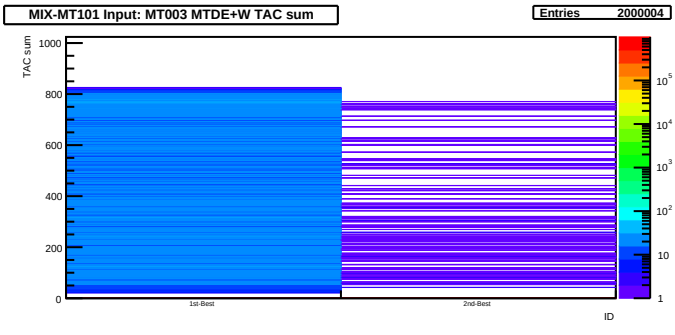

MXQ-MT006
Entries 0

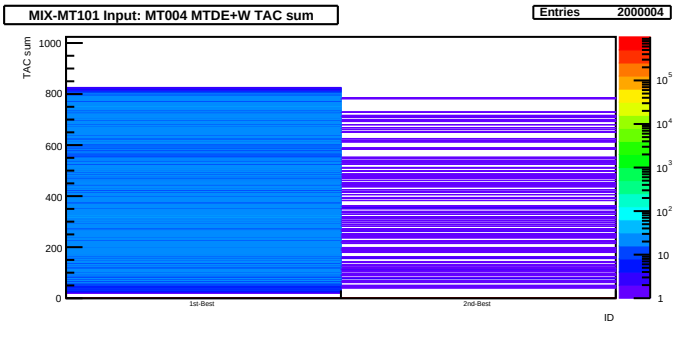

MXQ-MT007
Entries 0

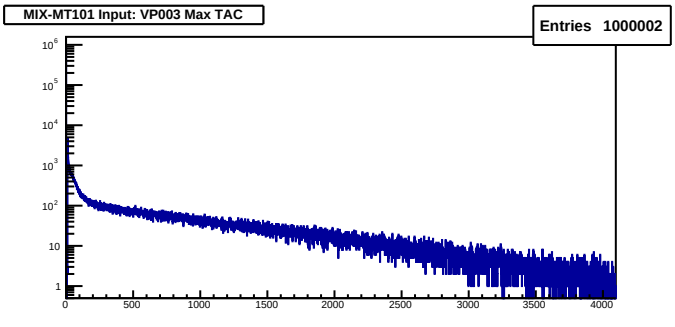

MXQ-MT008
Entries 0

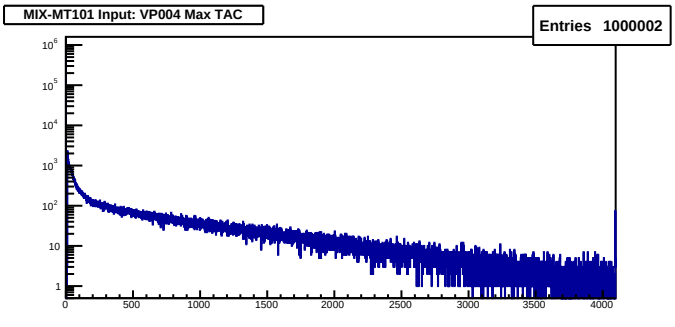

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

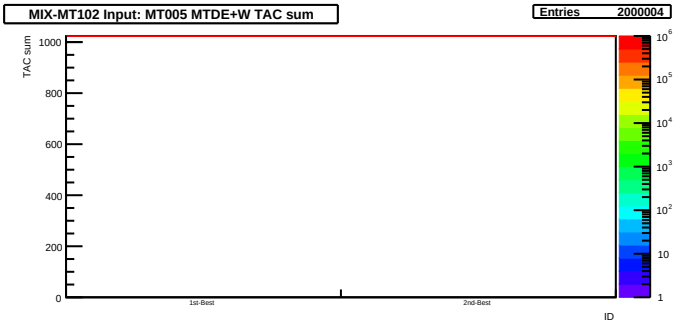

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

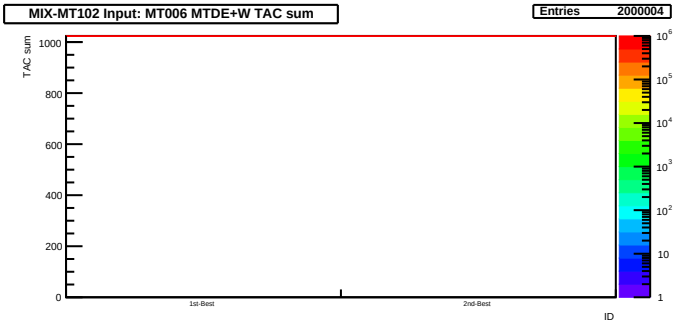

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

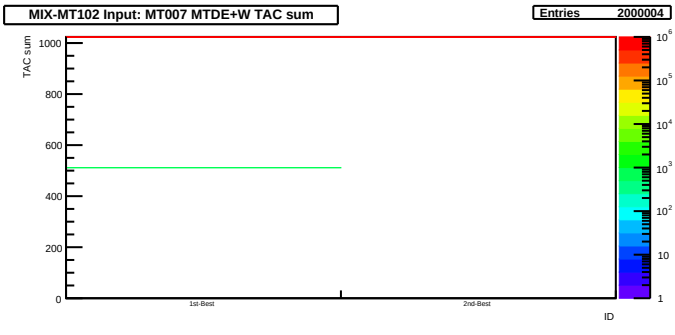

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

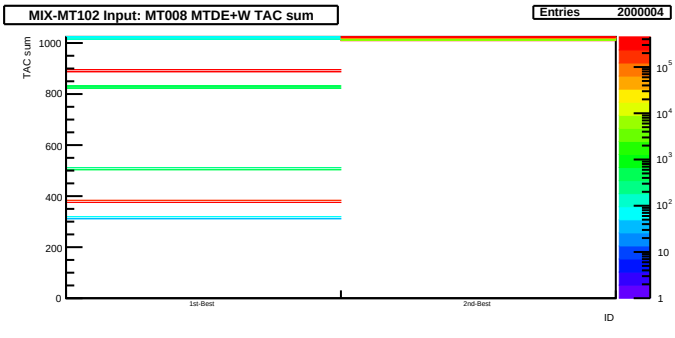

MIX-MT101 Input: VP003 Max TAC
Entries 1000002

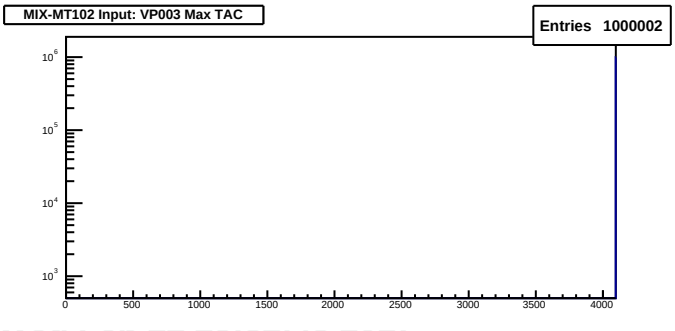

MIX-MT101 Input: VP004 Max TAC
Entries 1000002

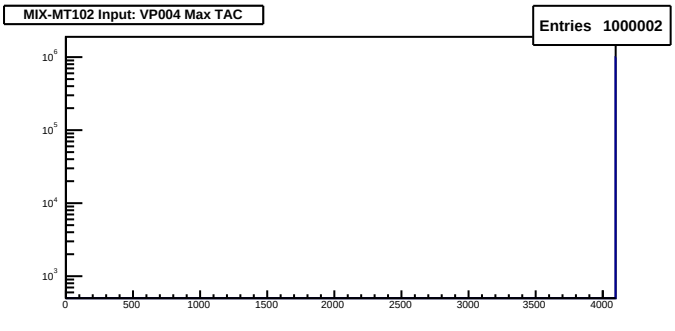

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

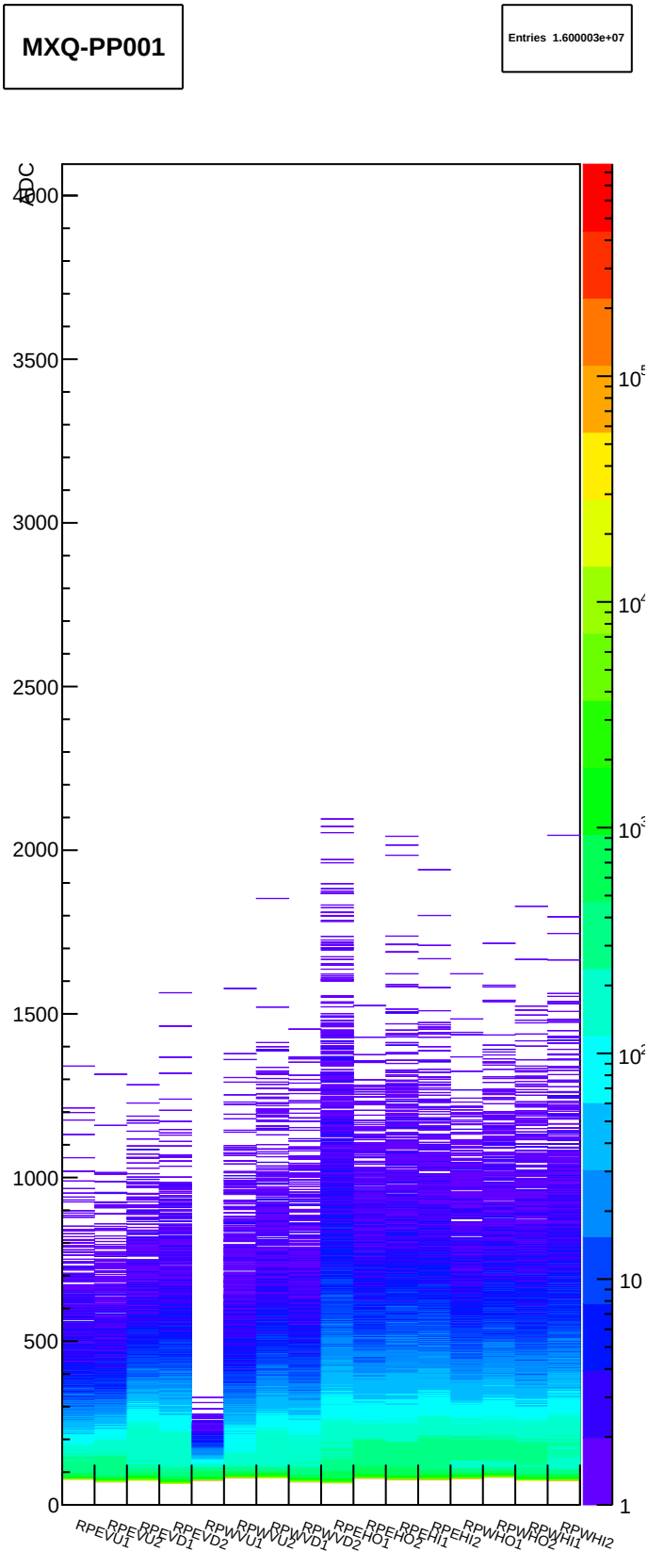

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

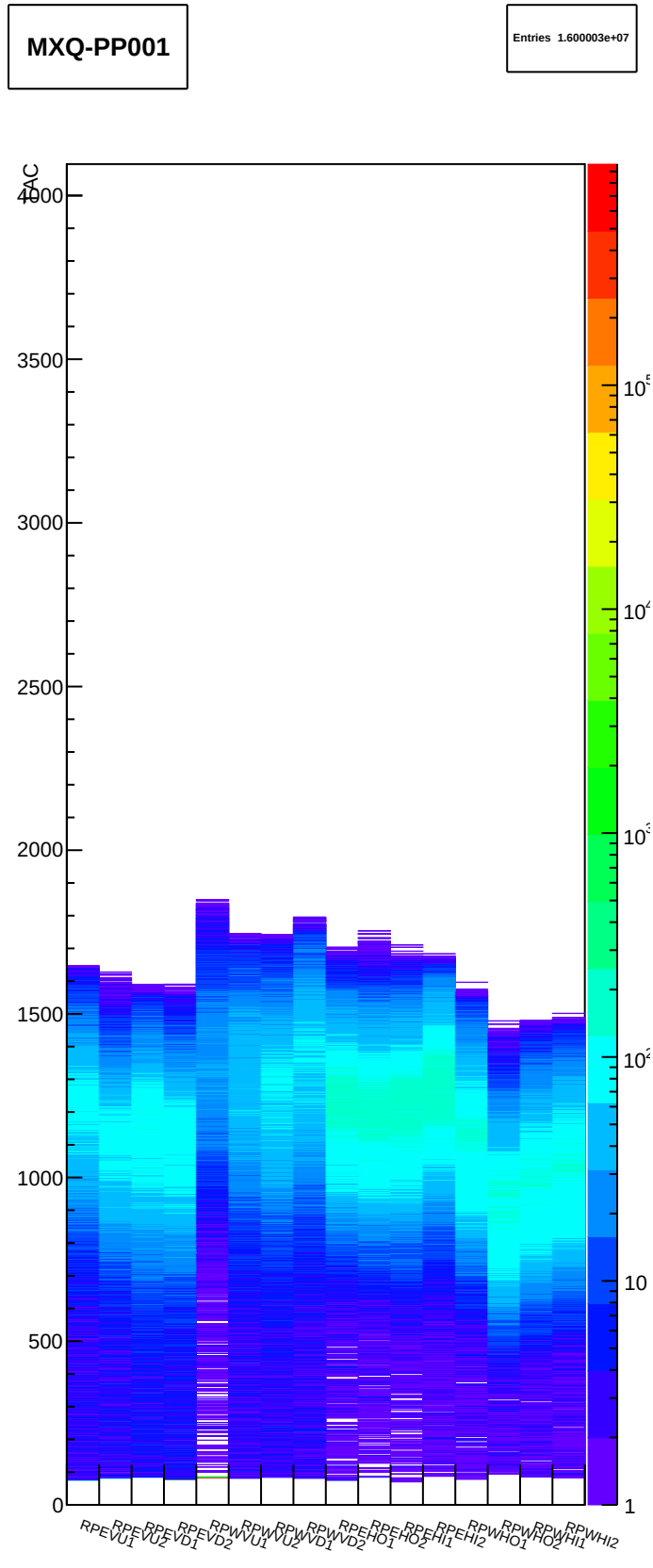

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

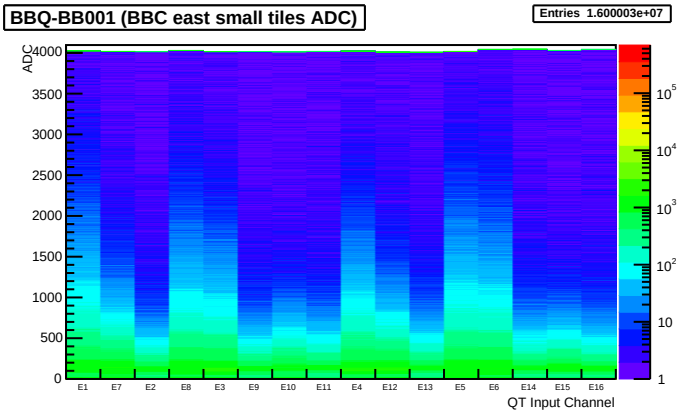

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 2000004
TAC sum
1st-Best
2nd-Best
ID

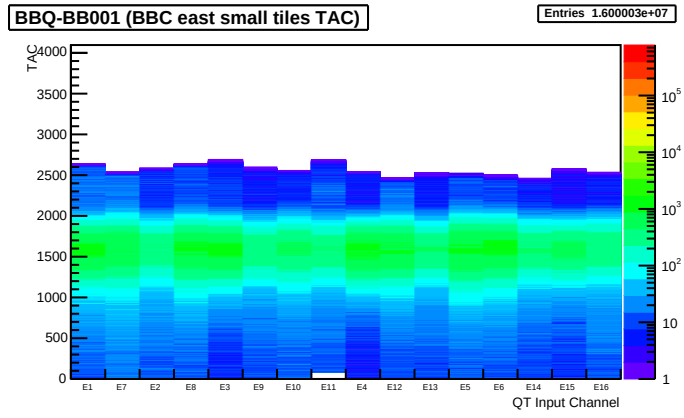

MIX-MT102 Input: VP003 Max TAC
Entries 1000002

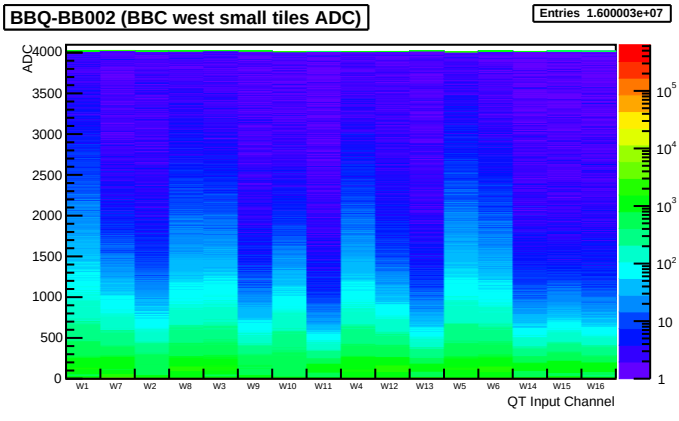

MIX-MT102 Input: VP004 Max TAC
Entries 1000002

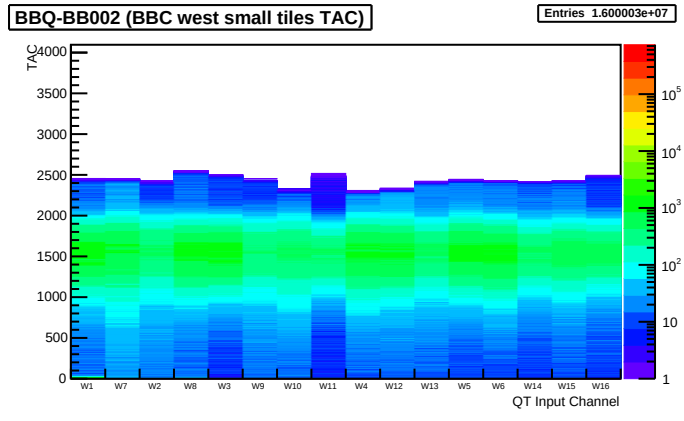

MXQ-PP001
Entries 1.600003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

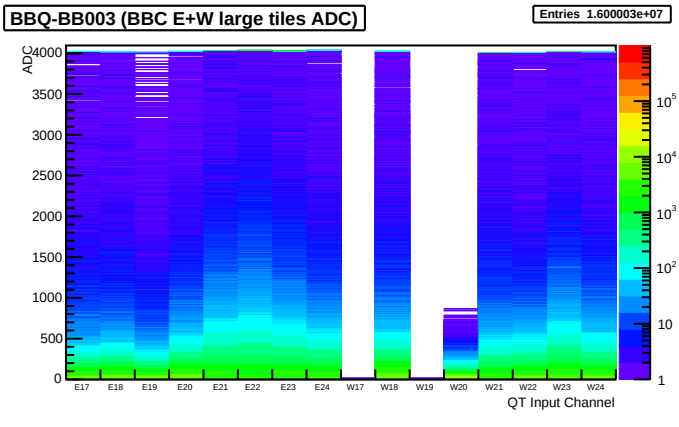

MXQ-PP001
Entries 1.600003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

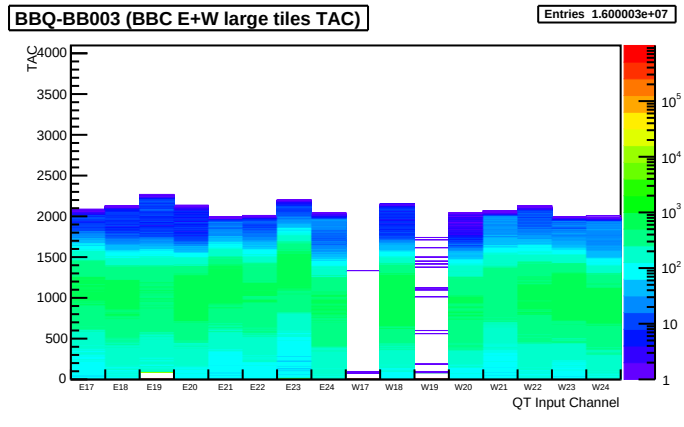

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.600003e+07
ADC
QT Input Channel

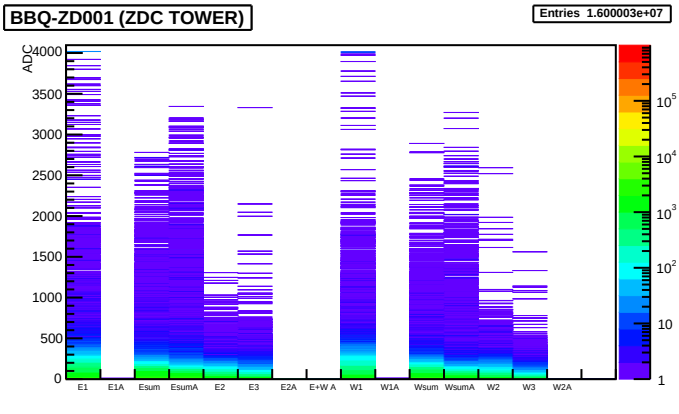

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.600003e+07
TAC
QT Input Channel

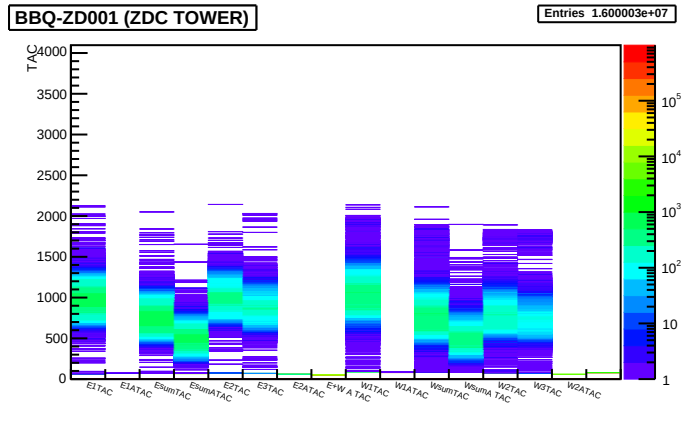

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.600003e+07
ADC
QT Input Channel

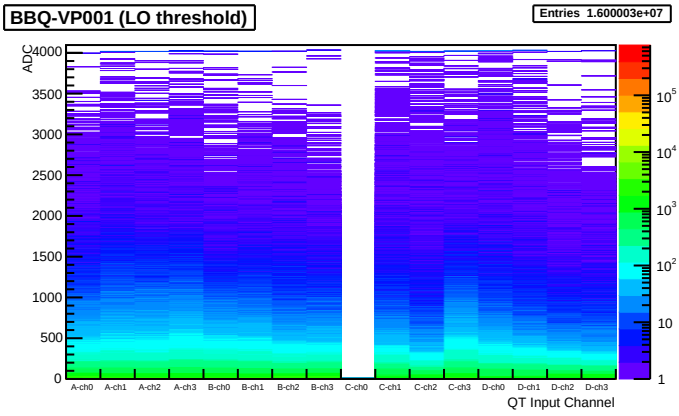

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.600003e+07
TAC
QT Input Channel

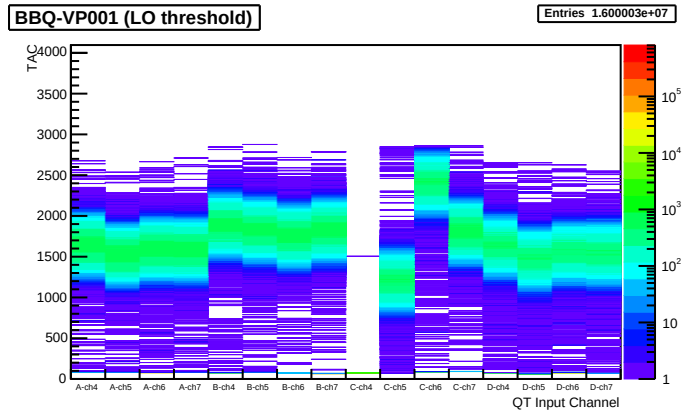

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.600003e+07
ADC
QT Input Channel

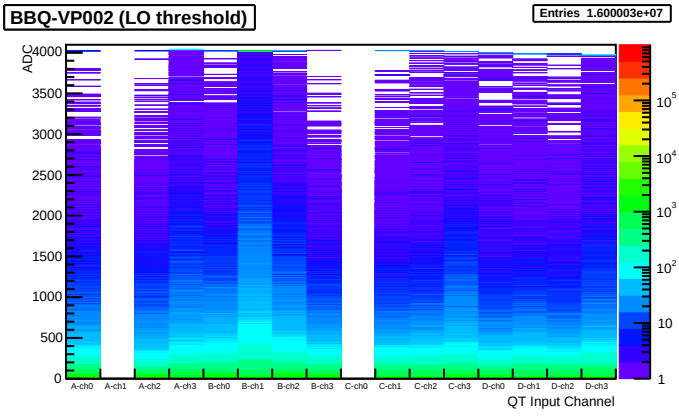

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.600003e+07
TAC
QT Input Channel

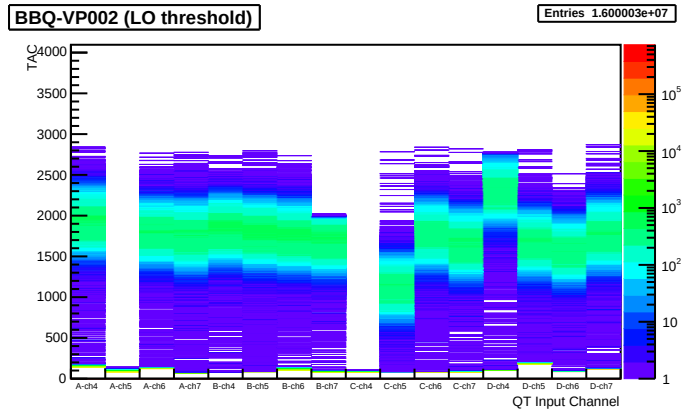

BBQ-ZD001 (ZDC TOWER)
Entries 1.600003e+07
ADC

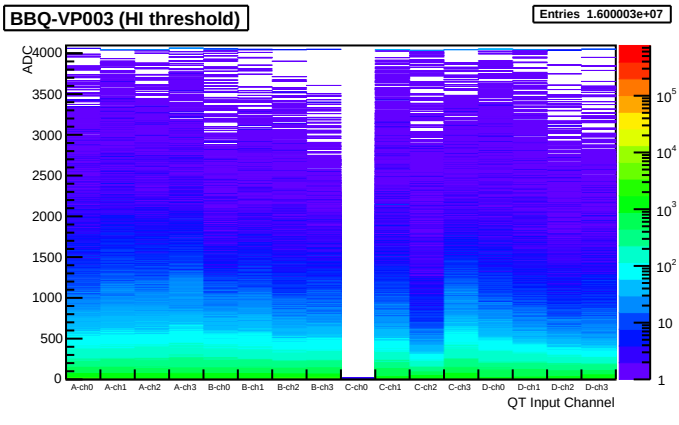

BBQ-ZD001 (ZDC TOWER)
Entries 1.600003e+07
TAC

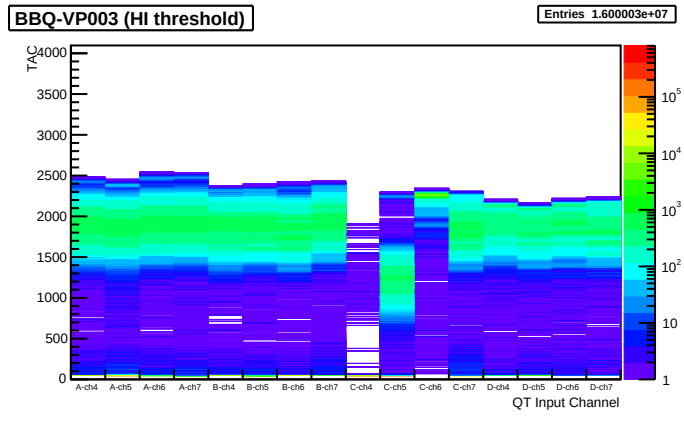

BBQ-VP001 (LO threshold)
Entries 1.600003e+07
ADC
QT Input Channel

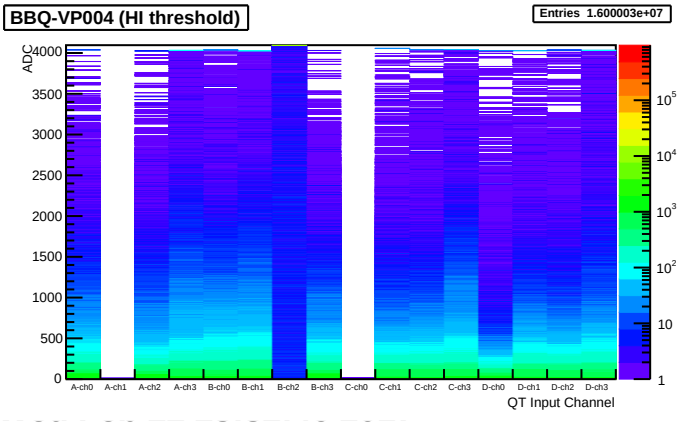

BBQ-VP001 (LO threshold)
Entries 1.600003e+07
TAC
QT Input Channel

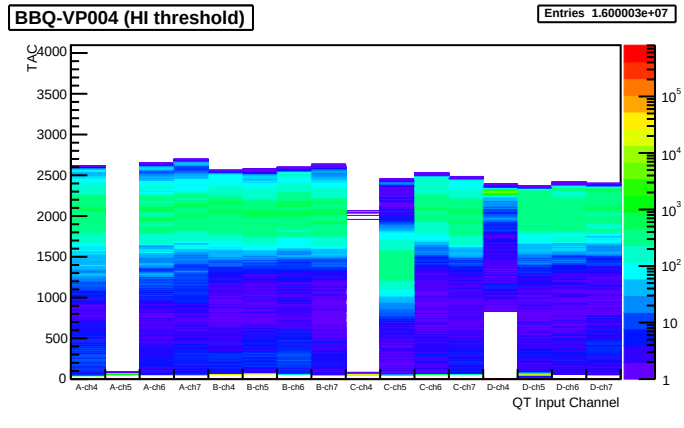

BBQ-VP002 (LO threshold)
Entries 1.600003e+07
ADC
QT Input Channel

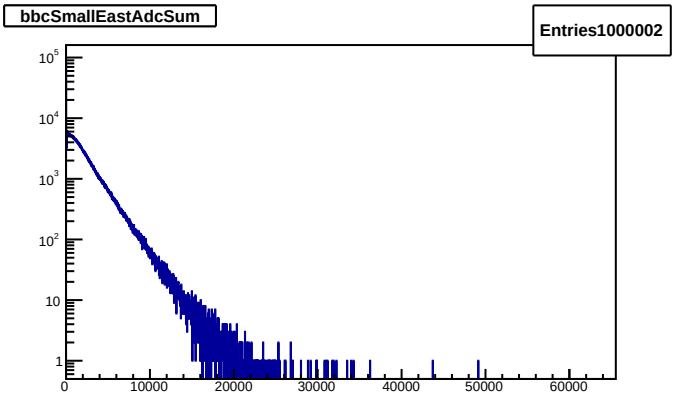

BBQ-VP002 (LO threshold)
Entries 1.600003e+07
TAC
QT Input Channel

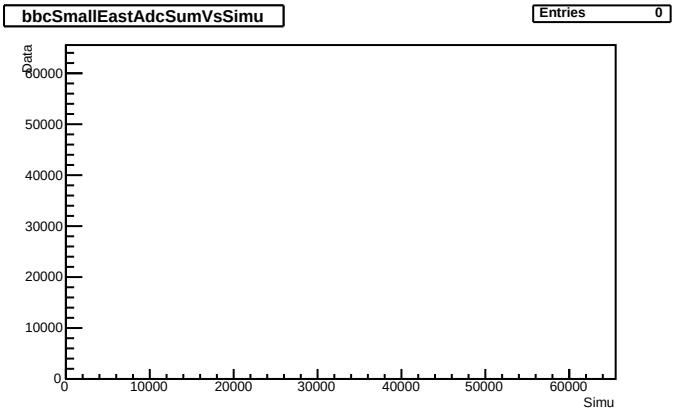

BBQ-VP003 (HI threshold)
Entries 1.600003e+07
ADC
QT Input Channel

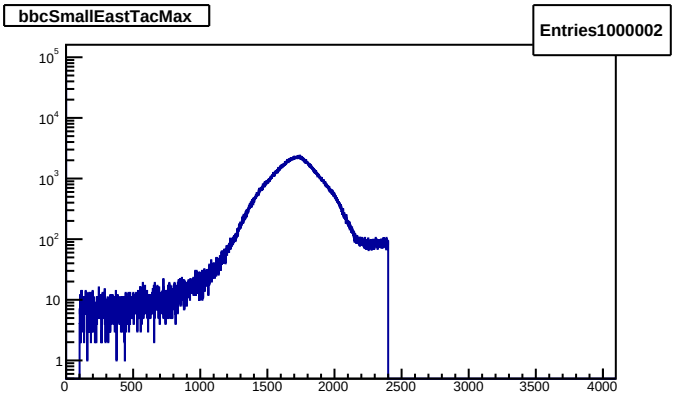

BBQ-VP003 (HI threshold)
Entries 1.600003e+07
TAC
QT Input Channel

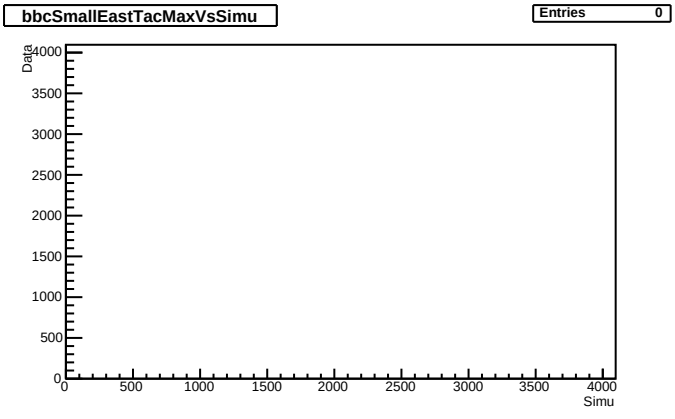

BBQ-VP004 (HI threshold)
Entries 1.600003e+07
ADC
QT Input Channel

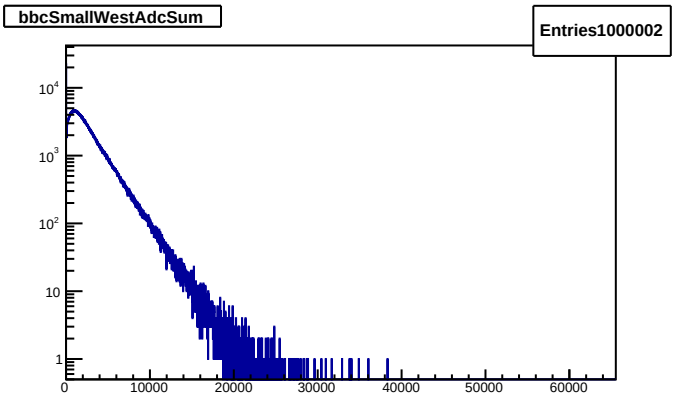

BBQ-VP004 (HI threshold)
Entries 1.600003e+07
TAC
QT Input Channel

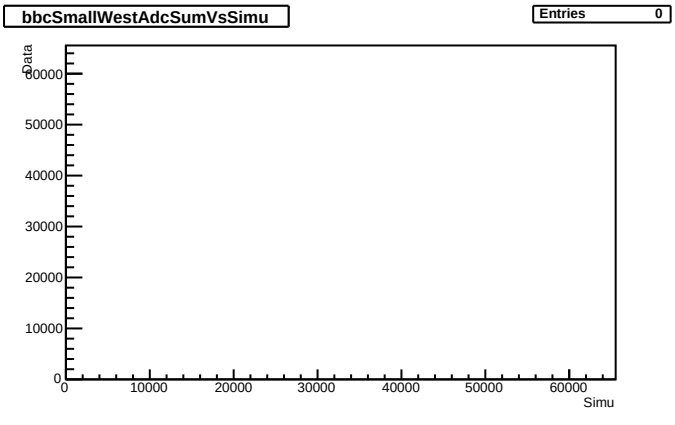

bbcSmallEastAdcSum
Entries1000002

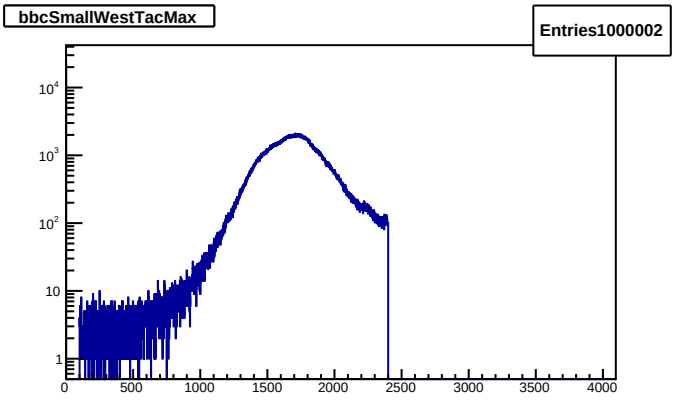

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

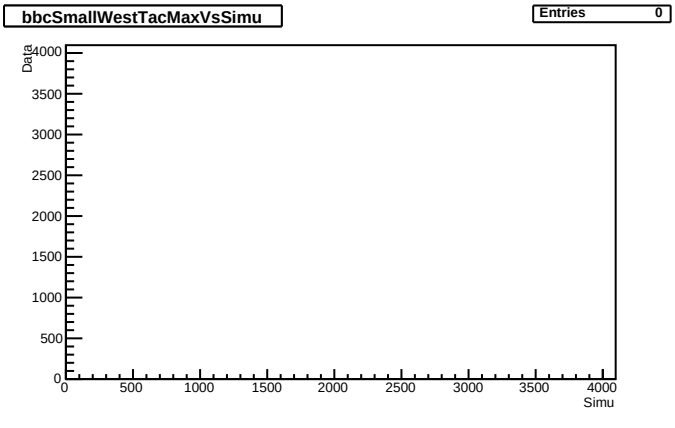

bbcSmallEastTacMax
Entries1000002

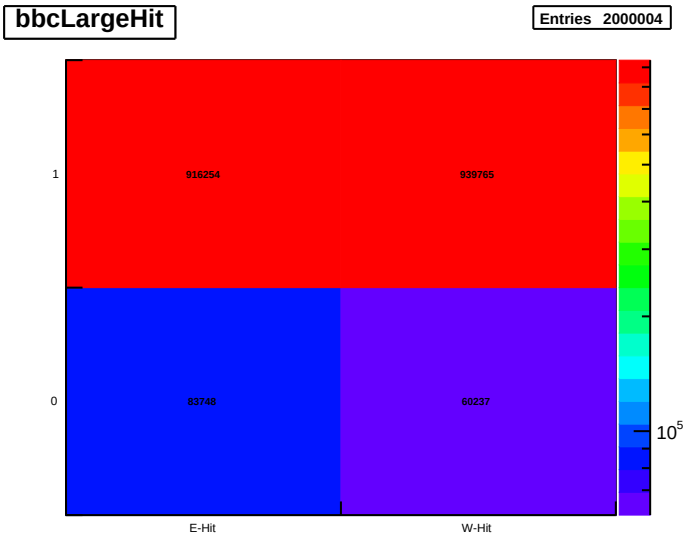

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

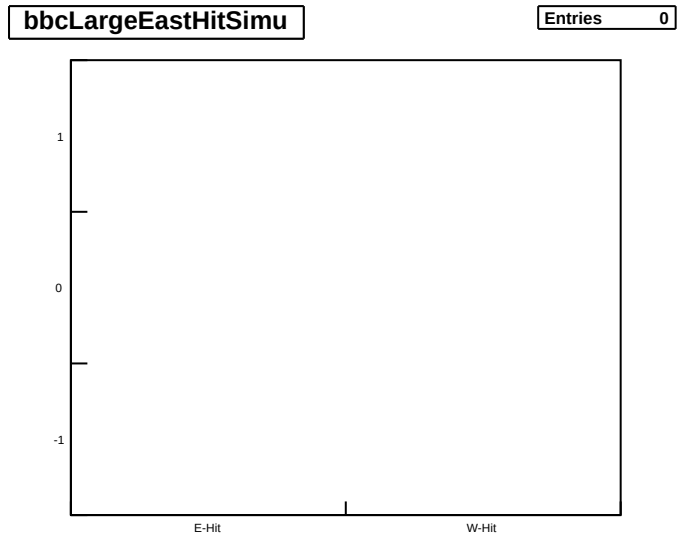

bbcSmallWestAdcSum
Entries1000002

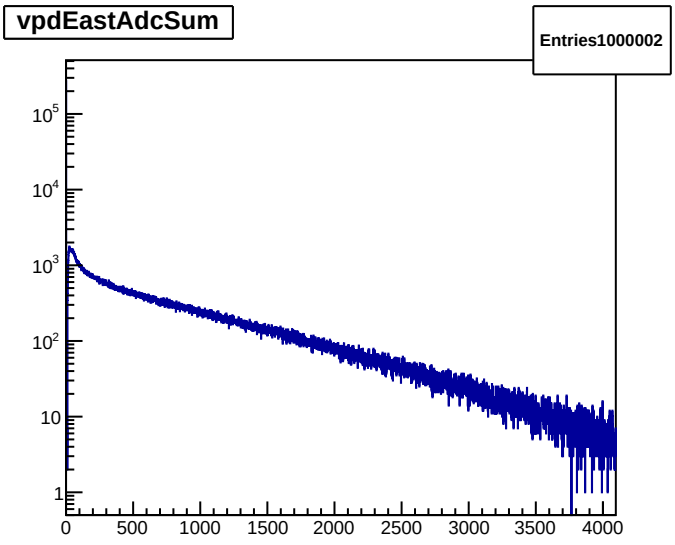

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

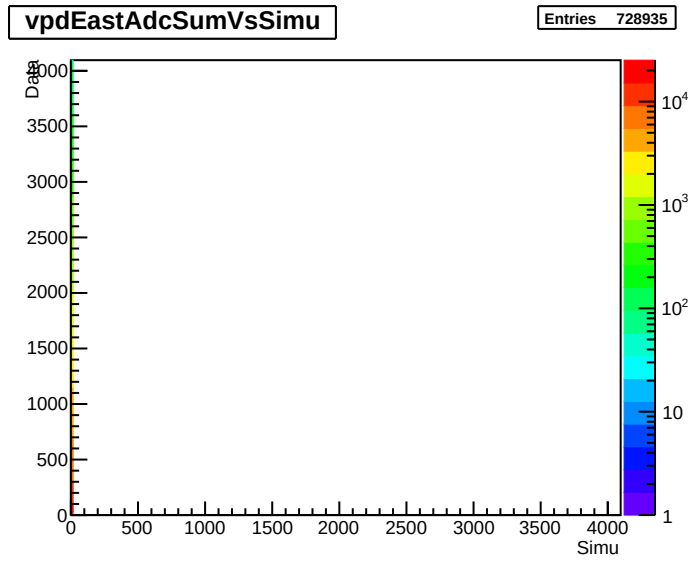

bbcSmallWestTacMax
Entries1000002

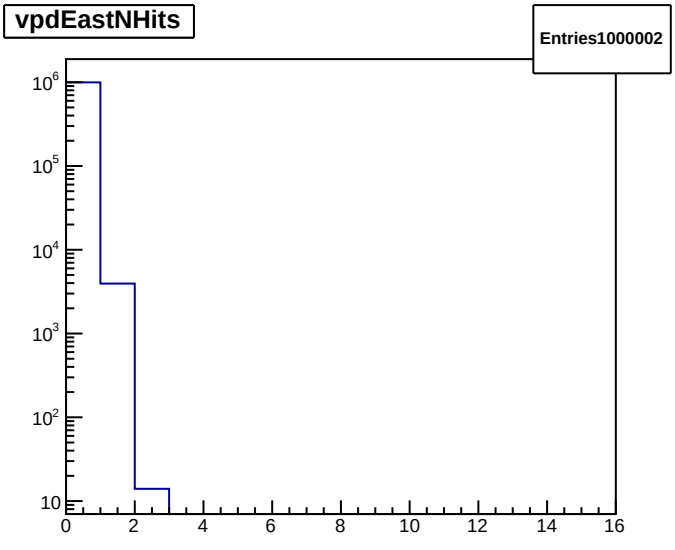

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

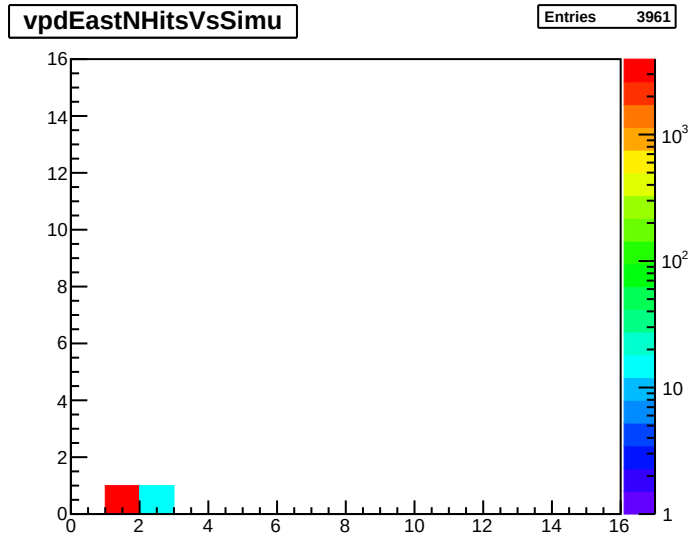

bbcLargeHit
Entries 2000004
1
0
916254
939765
83748
60237
E-Hit
W-Hit
10^5

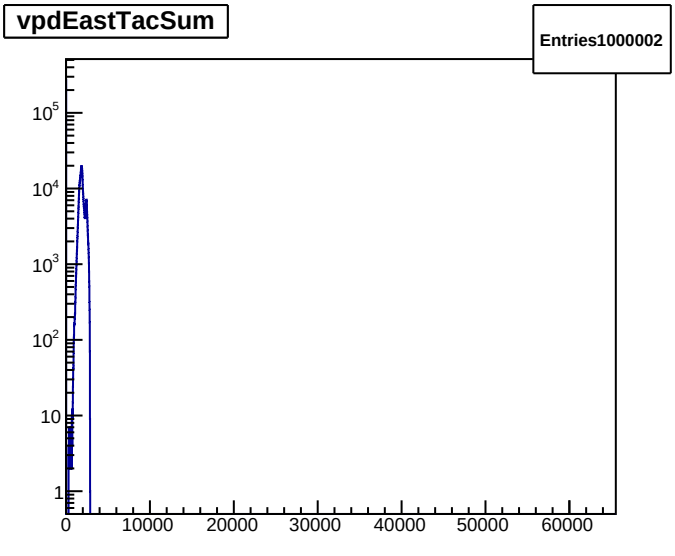

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

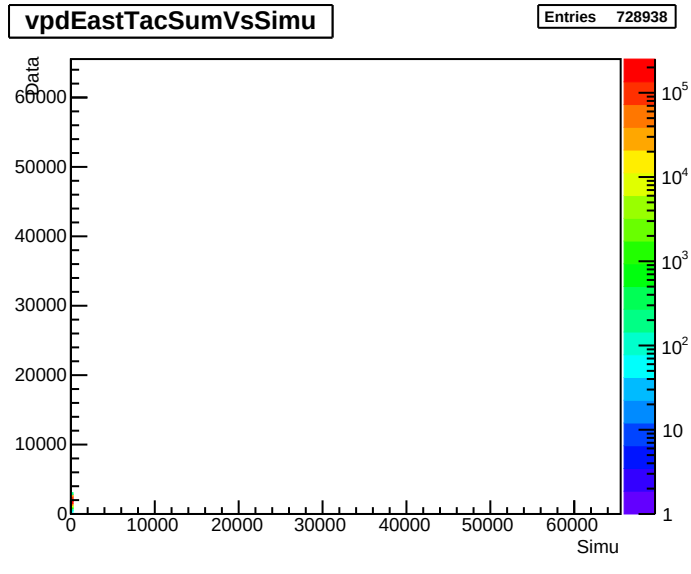

vpdEastAdcSum
Entries1000002

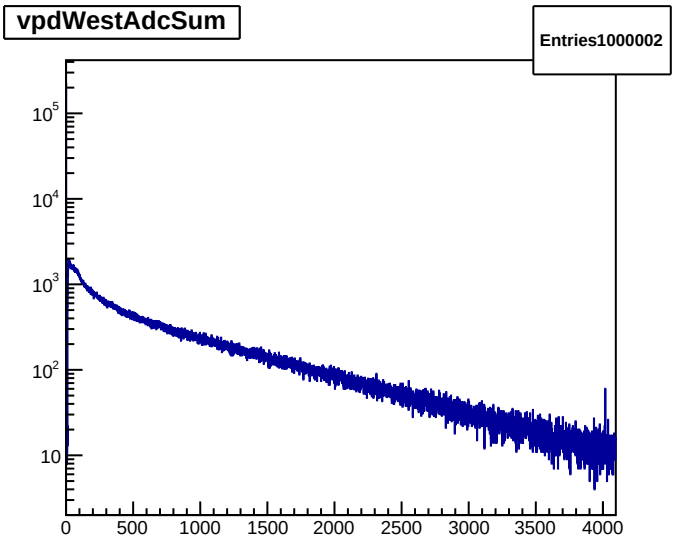

vpdEastAdcSumVsSimu
Entries 728935
Data
Simu

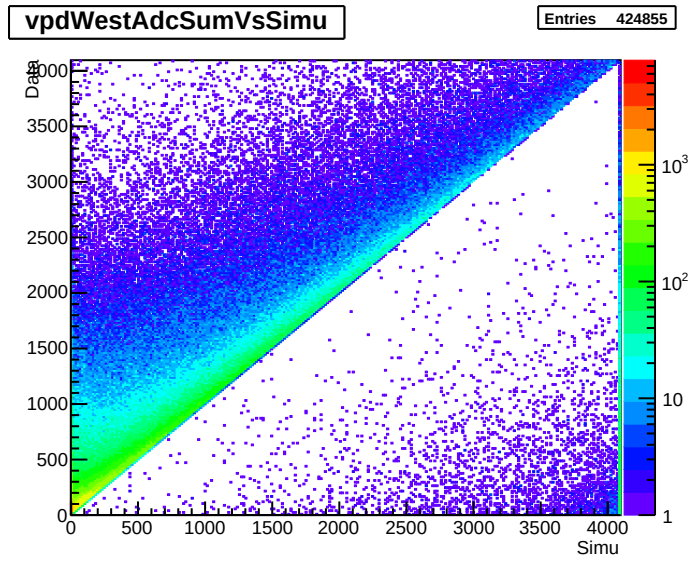

vpdEastNHits
Entries1000002

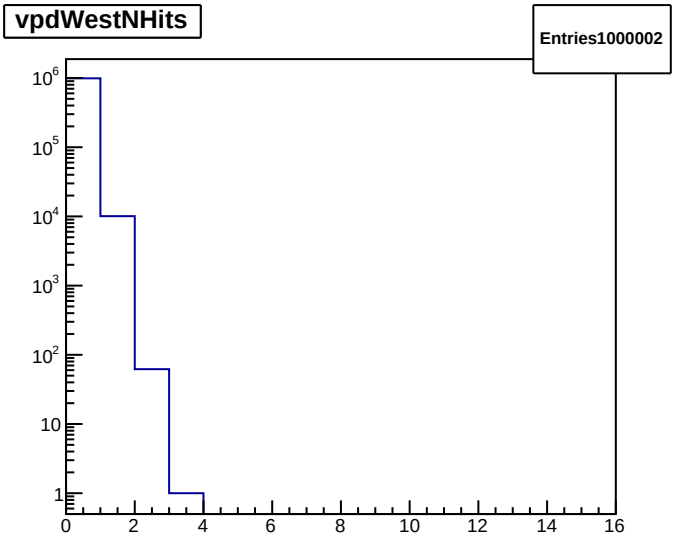

vpdEastNHitsVsSimu
Entries 3961

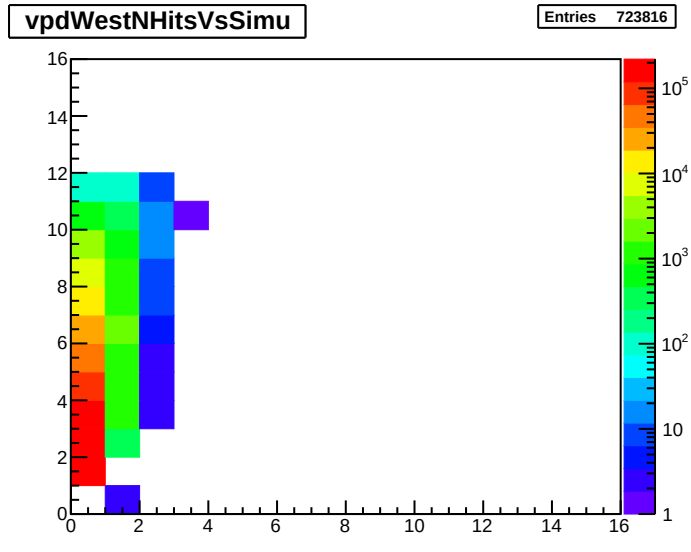

vpdEastTacSum
Entries1000002

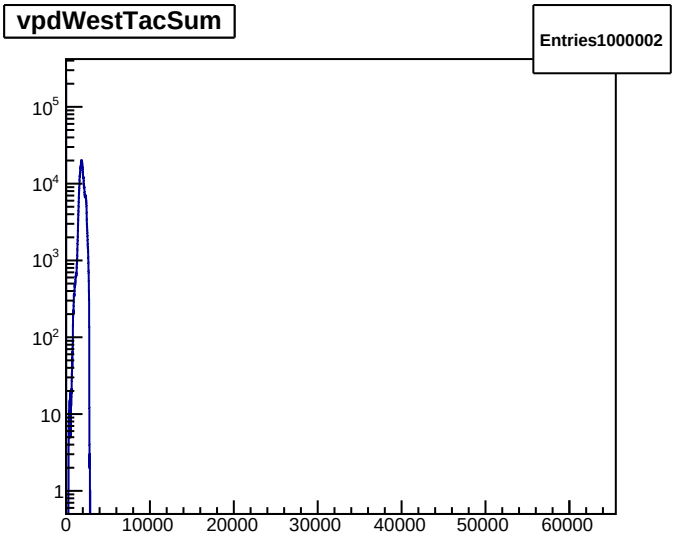

vpdEastTacSumVsSimu
Entries 728938
Data
Simu

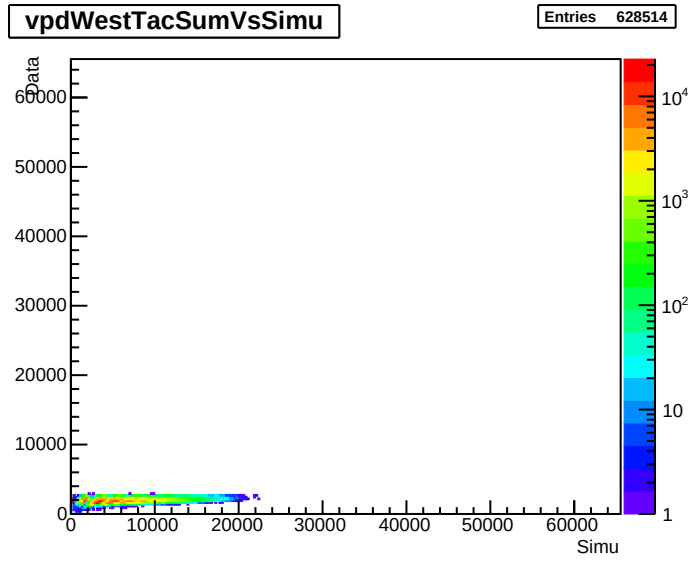

vpdWestAdcSum
Entries1000002

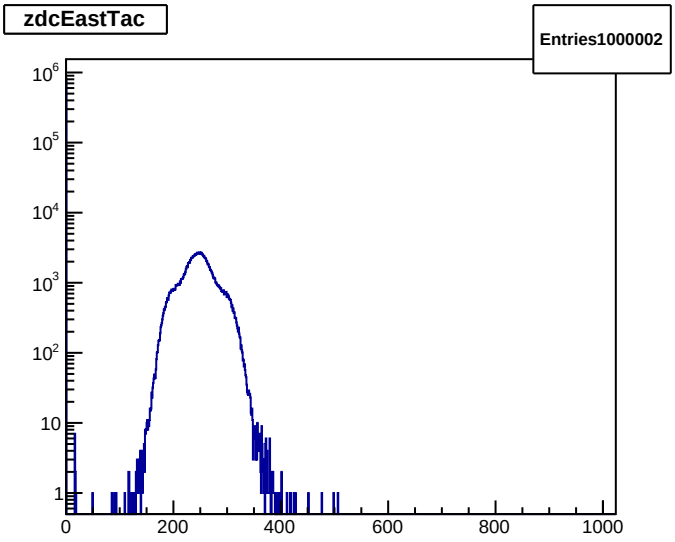

vpdWestAdcSumVsSimu
Entries 424855
Data
Simu

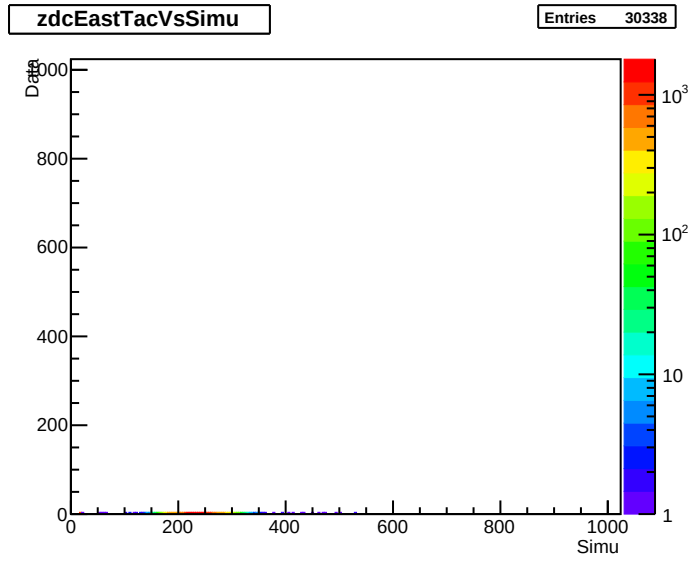

vpdWestNHits
Entries1000002

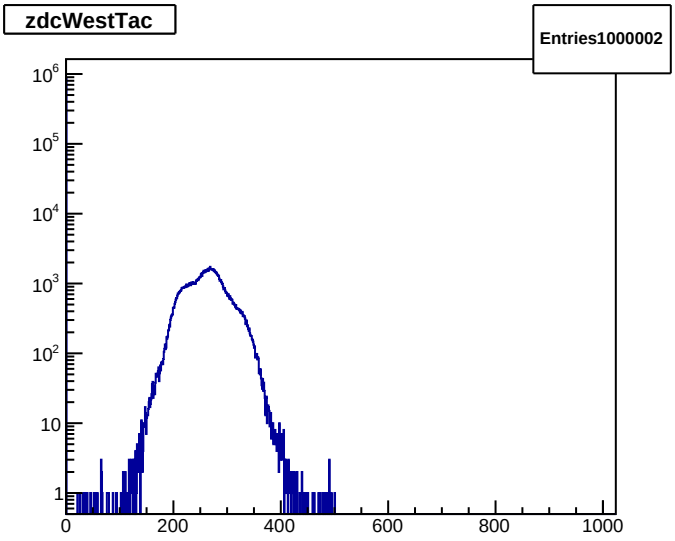

vpdWestNHitsVsSimu
Entries 723816

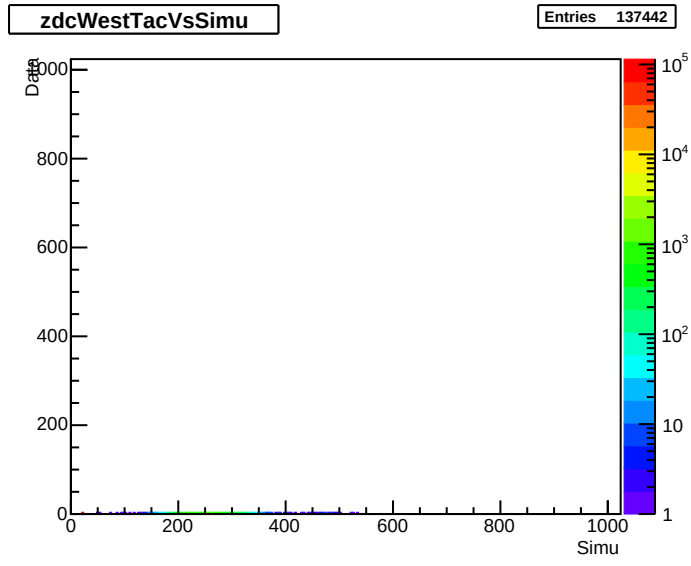

vpdWestTacSum
Entries1000002

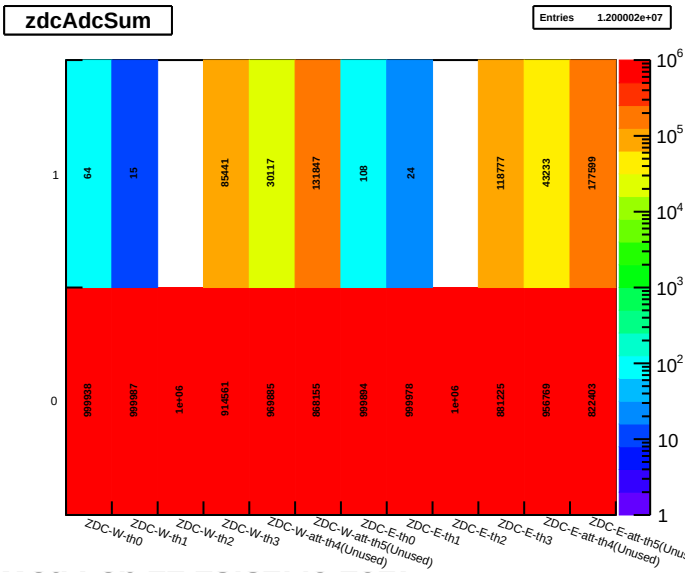

vpdWestTacSumVsSimu
Entries 628514
Data
Simu

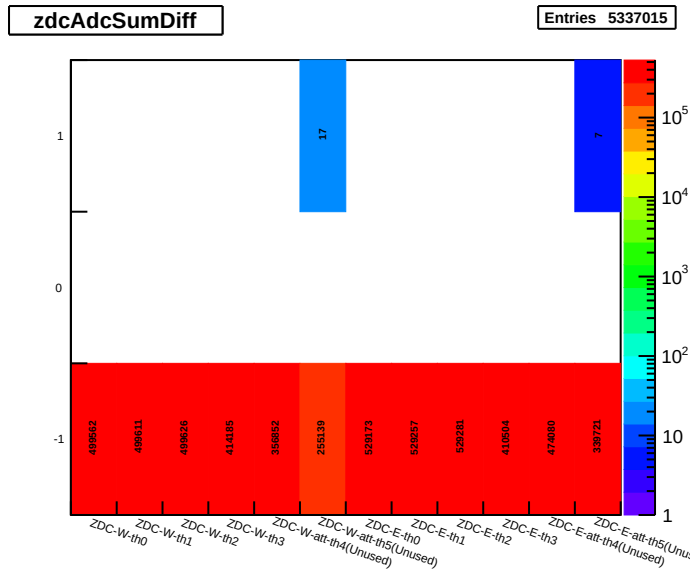

zdcEastTac
Entries1000002

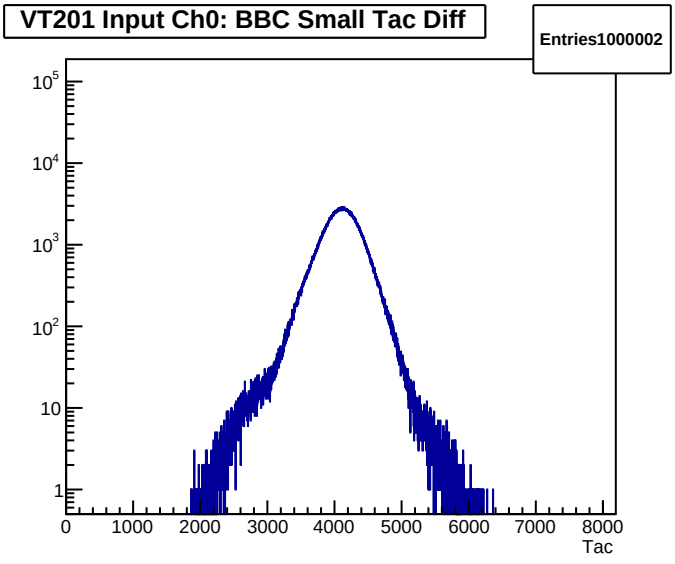

zdcEastTacVsSimu
Entries 30338
Data
Simu

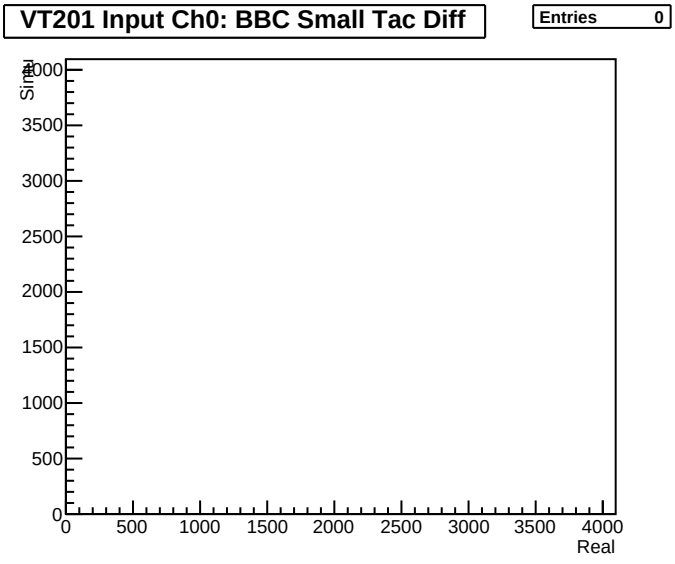

zdcWestTac
Entries1000002

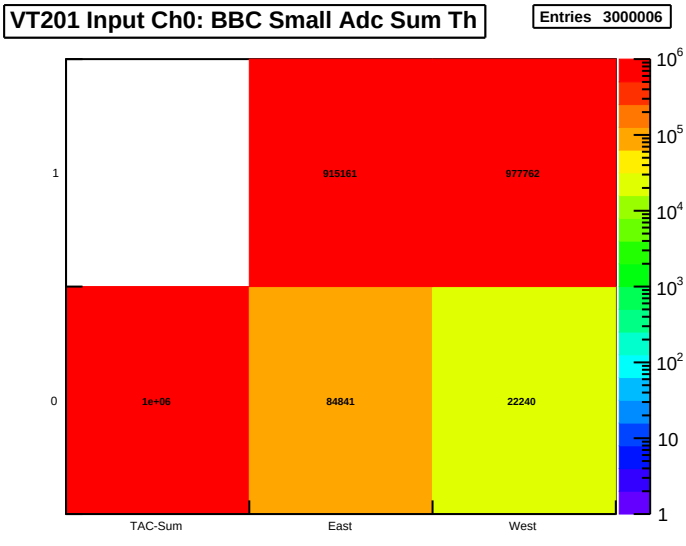

zdcWestTacVsSimu
Entries 137442
Data
Simu

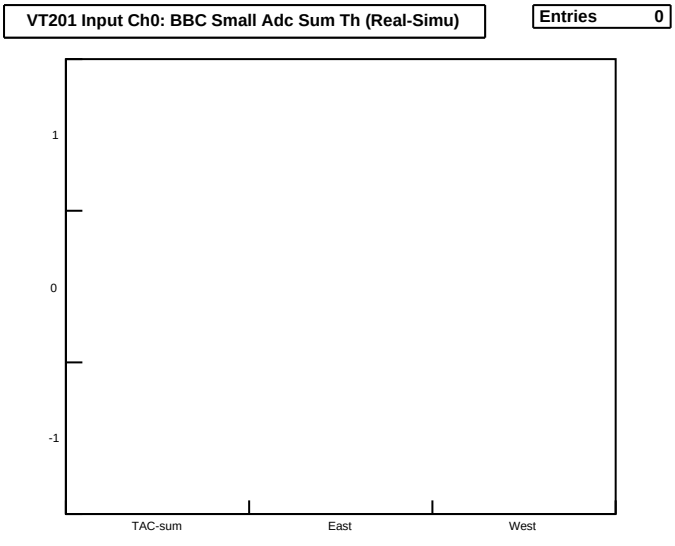

zdcAdcSum
Entries 1.200002e+07
64
15
85441
30117
131847
108
24
118777
43233
177599
999938
999987
1e+06
914561
969885
868155
999994
999978
1e+06
881235
956769
822403
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

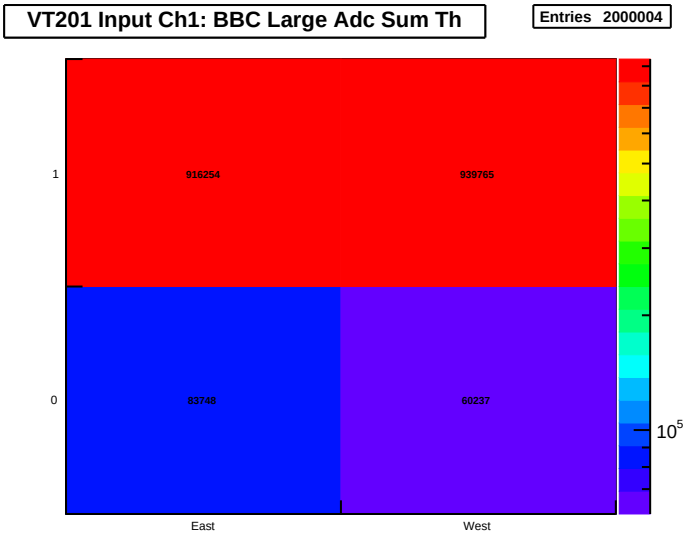

zdcAdcSumDiff
Entries 5337015
17
7
495662
499611
499626
414185
358852
255139
529173
522257
529281
415504
474080
339721
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

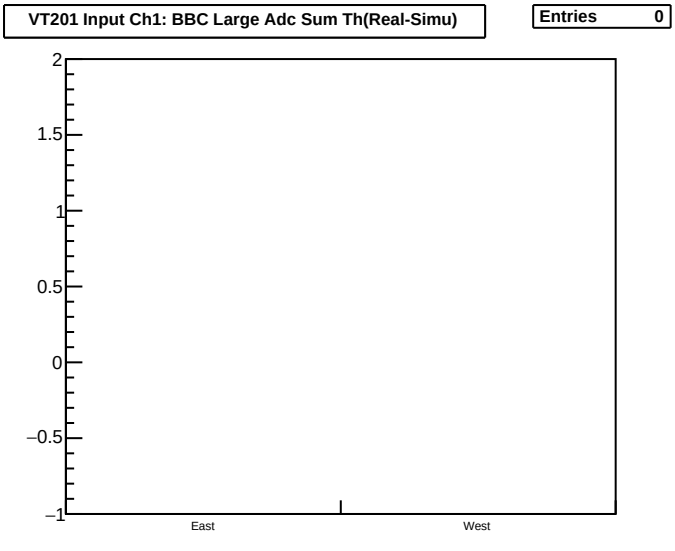

VT201 Input Ch0: BBC Small Tac Diff
Entries1000002
Tac


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

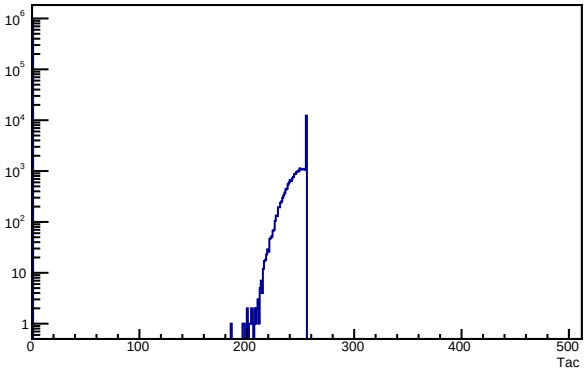

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3000006
915161
977762
1e+06
84841
22240
TAC-Sum
East
West


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

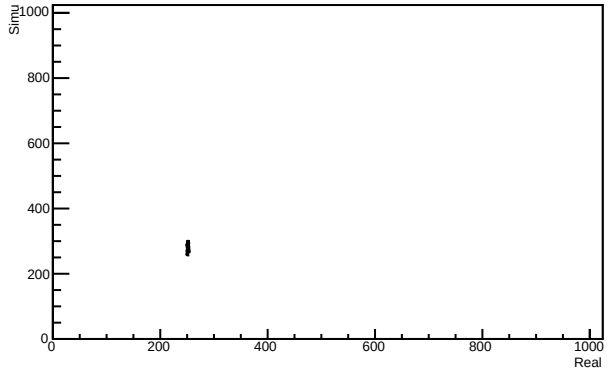

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2000004
916254
939765
83748
60237
East
West


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

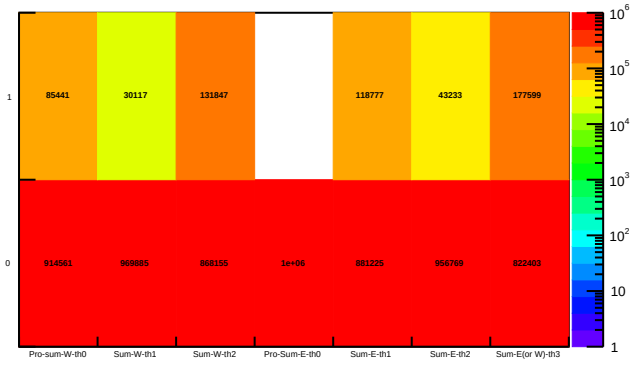
VT201 Input Ch2: ZDC Tac Diff



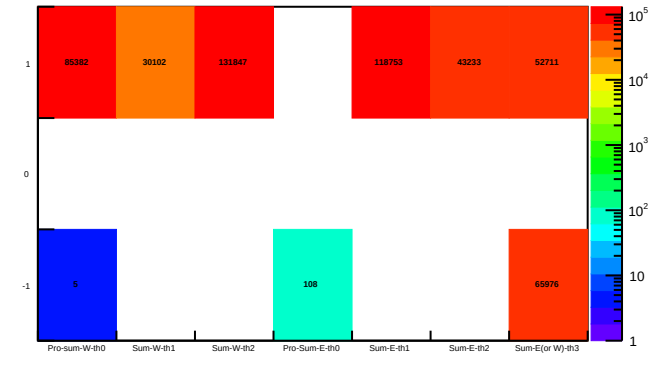
VT201 Input Ch2: ZDC Tac Diff



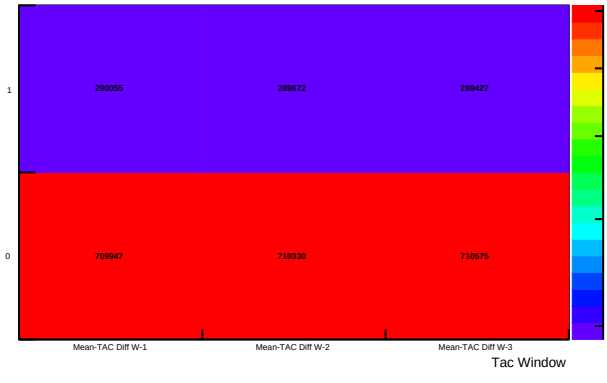
VT201 Input Ch2: ZDC Adc Sum Th



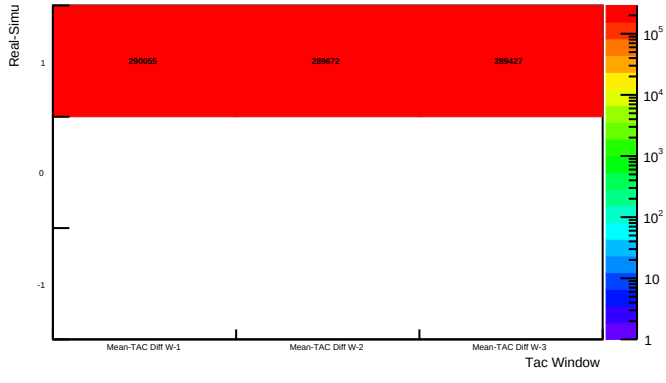
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



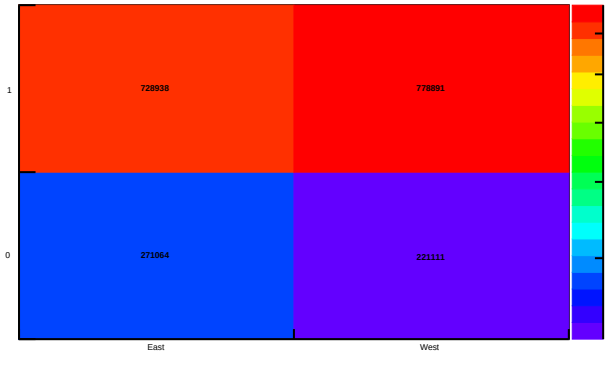
VT201 Input Ch4: VPD Tac Diff



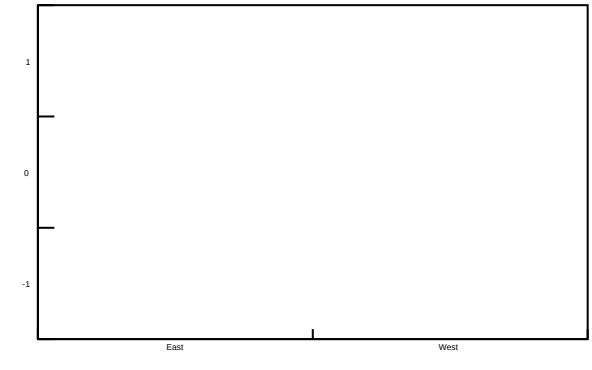
VT201 Input Ch4: VPD Tac Diff

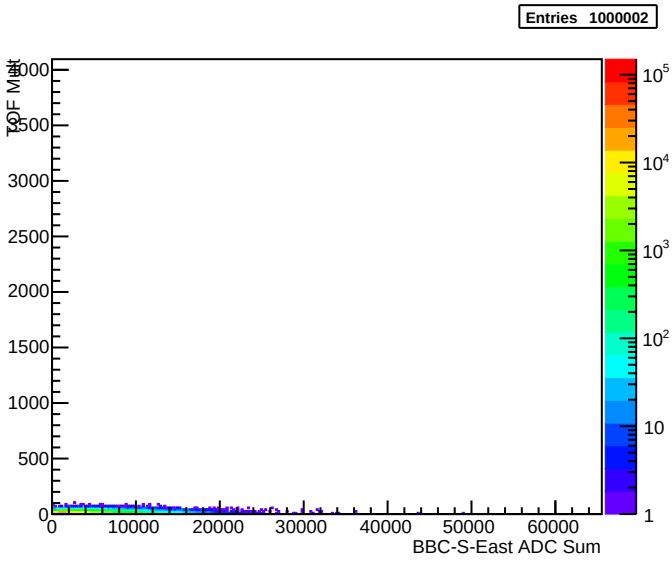


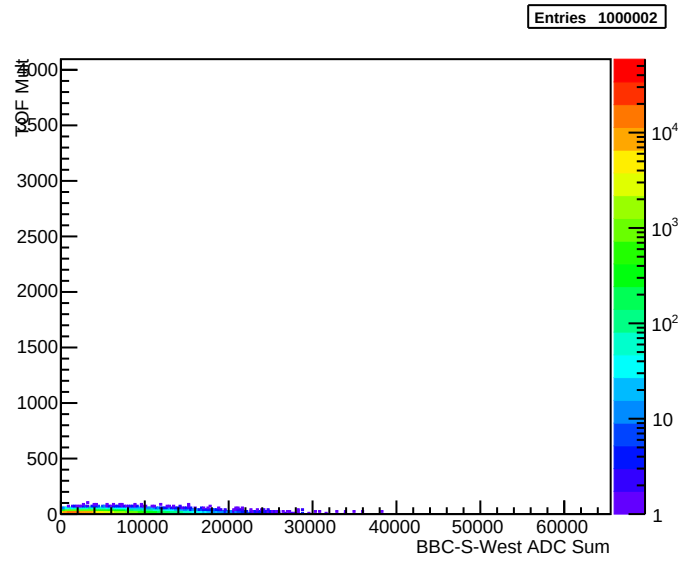
VT201 Input Ch4: VPD Adc Sum Th

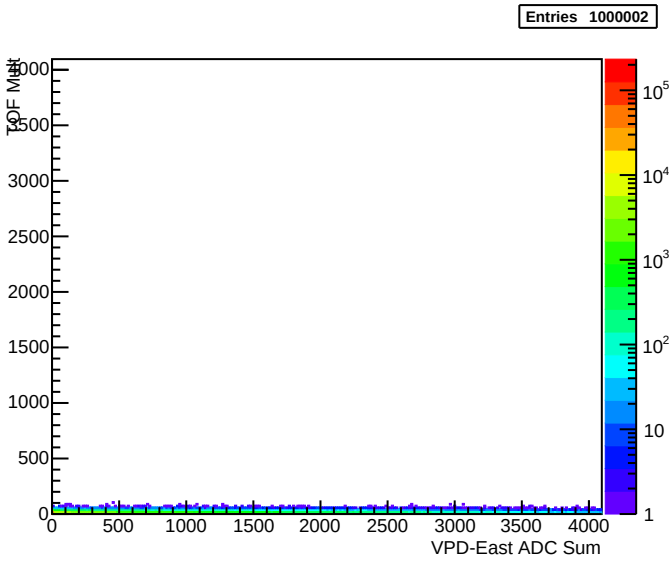


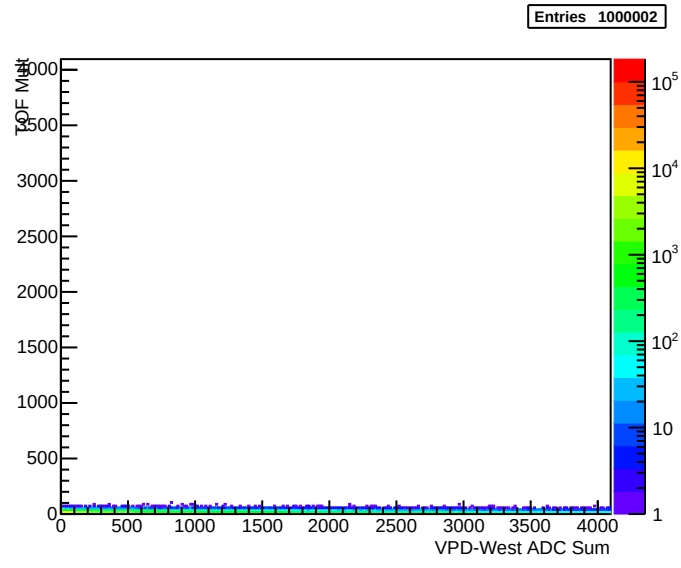
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

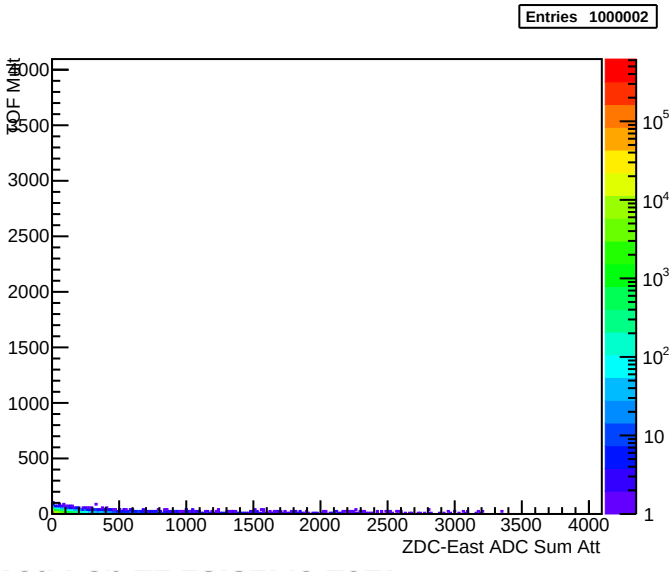


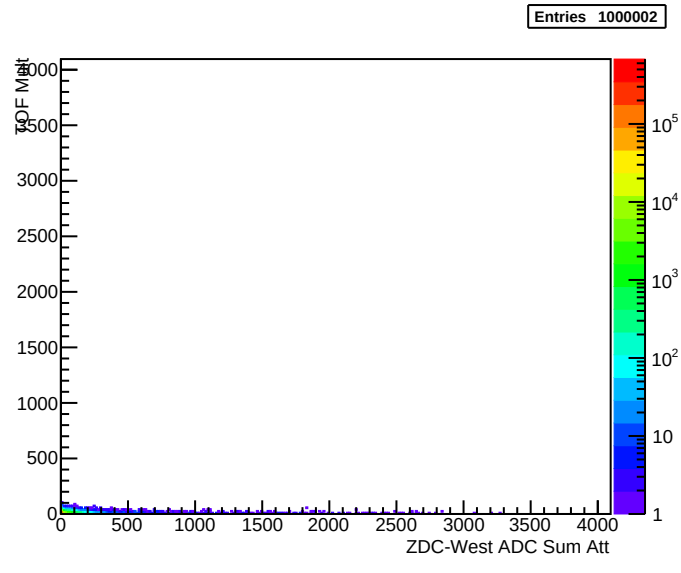

Entries 1000002
TOF Mult
BBC-S-East ADC Sum

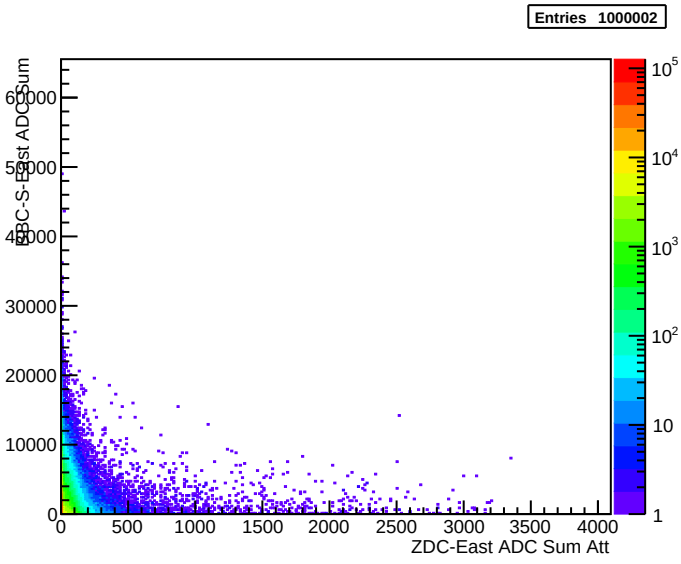

Entries 1000002
TOF Mult
BBC-S-West ADC Sum

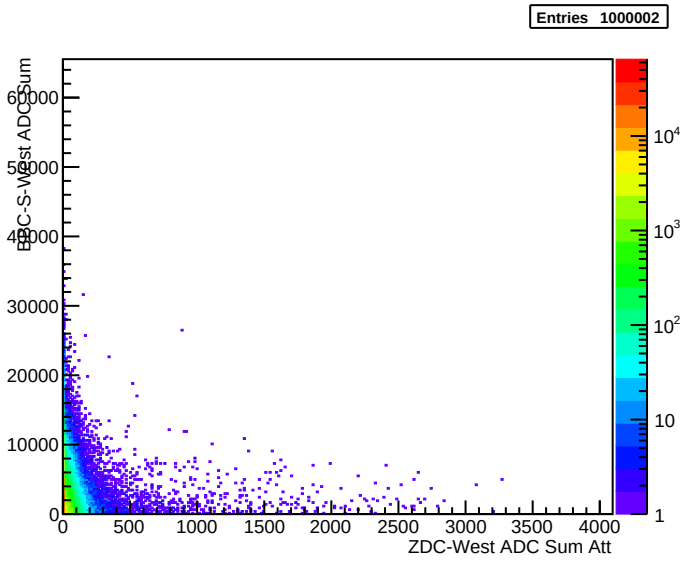

Entries 1000002
TOF Mult
VPD-East ADC Sum

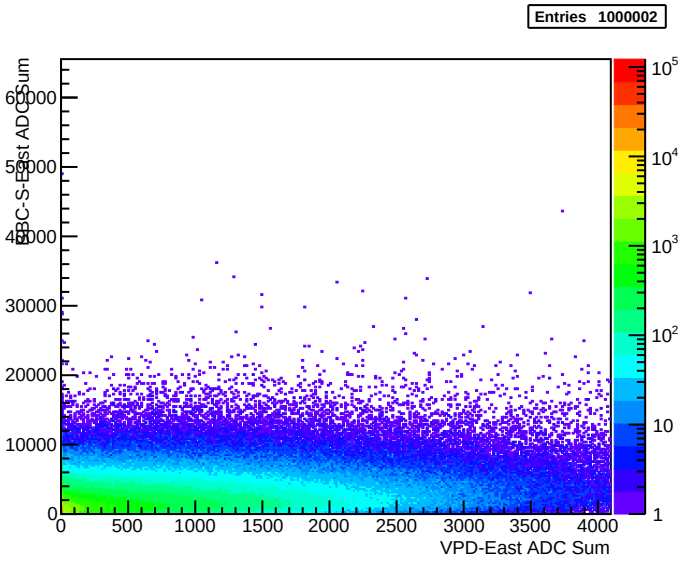

Entries 1000002
TOF Mult
VPD-West ADC Sum

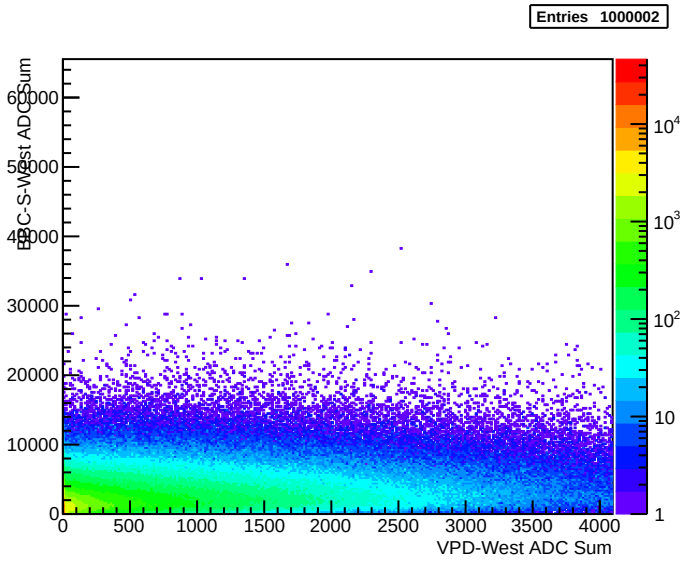

Entries 1000002
TOF Mult
ZDC-East ADC Sum Att

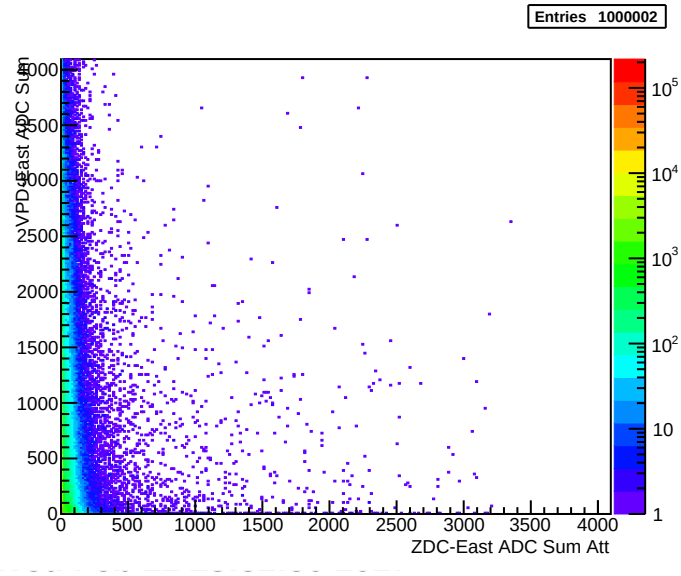

Entries 1000002
TOF Mult
ZDC-West ADC Sum Att

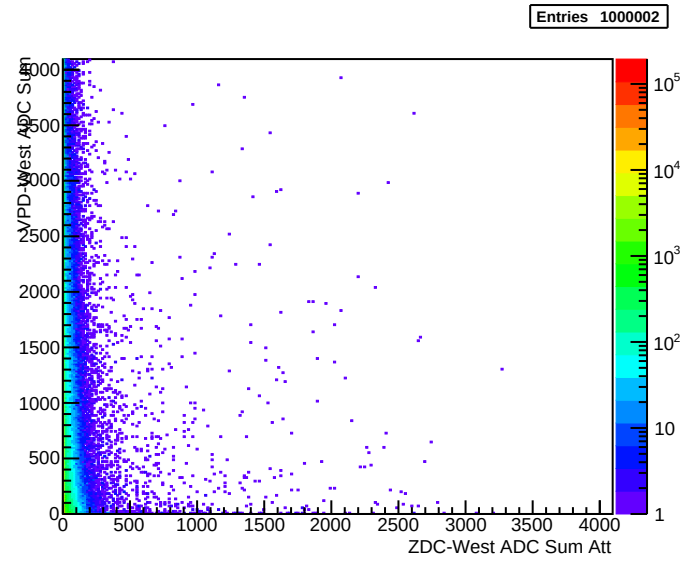

Entries 1000002
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

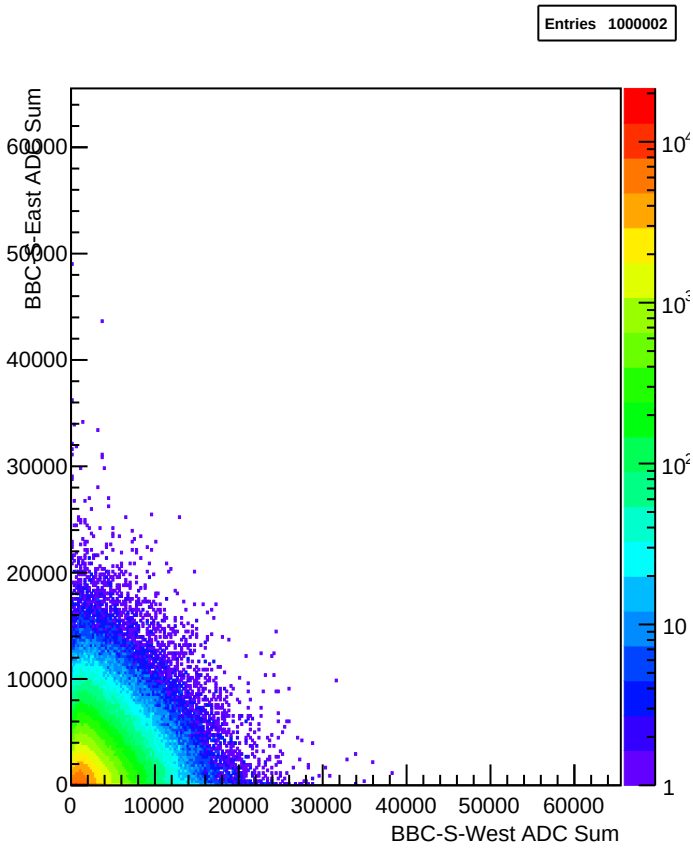

Entries 1000002
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

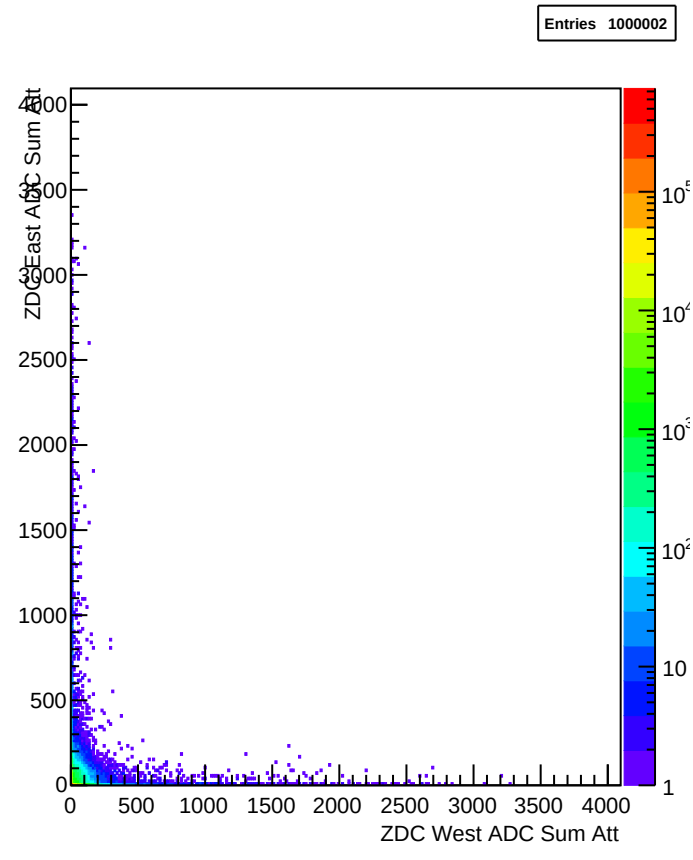

Entries 1000002
BBC-S-East ADC Sum
VPD-East ADC Sum

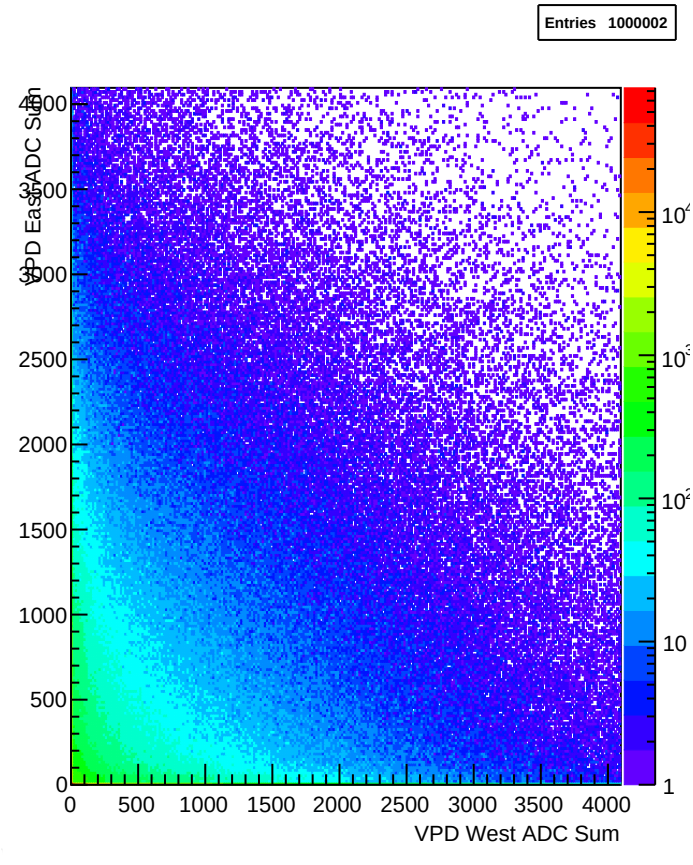

Entries 1000002
BBC-S-West ADC Sum
VPD-West ADC Sum

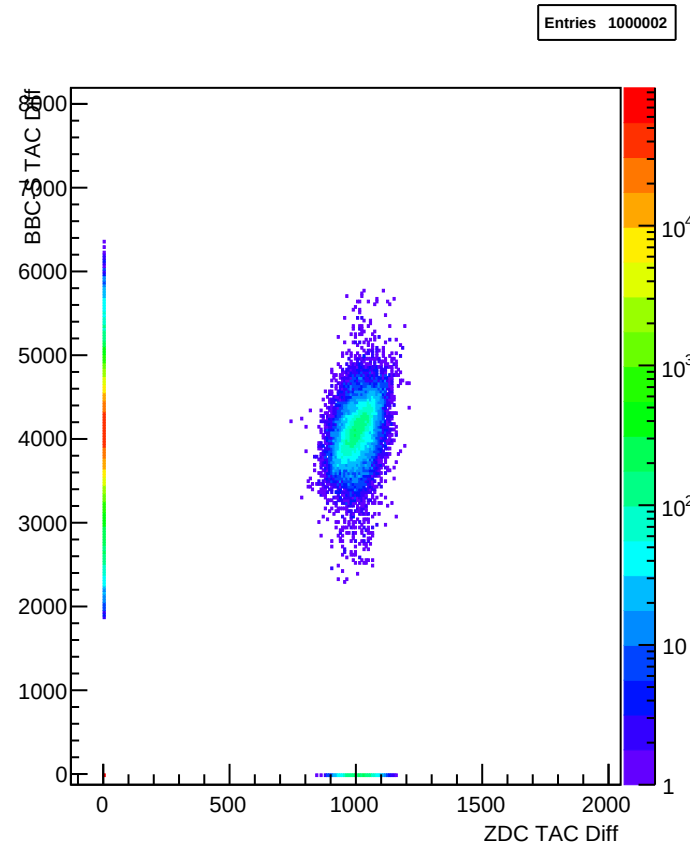

Entries 1000002
VPD-East ADC Sum
ZDC-East ADC Sum Att

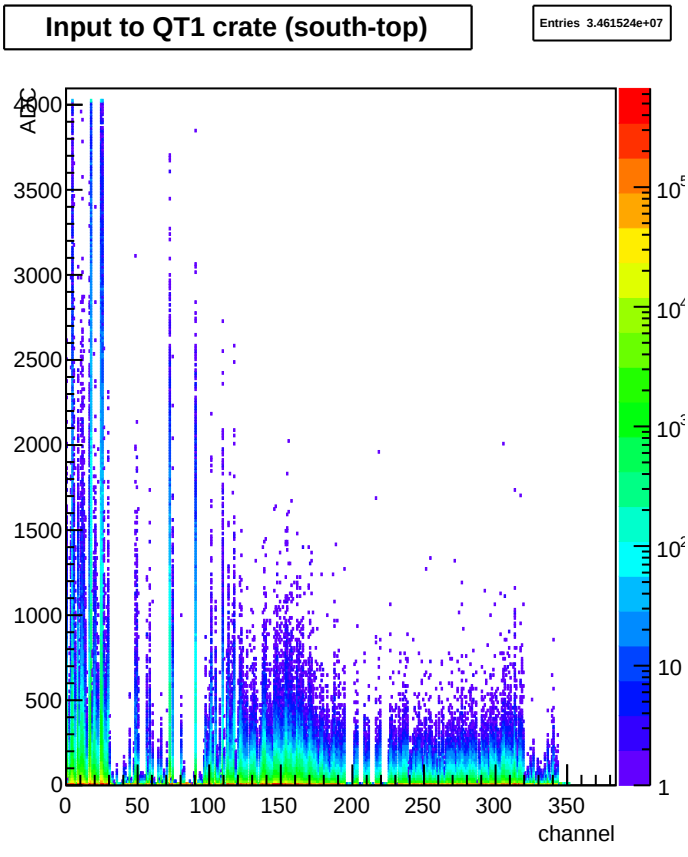

Entries 1000002
VPD-West ADC Sum
ZDC-West ADC Sum Att

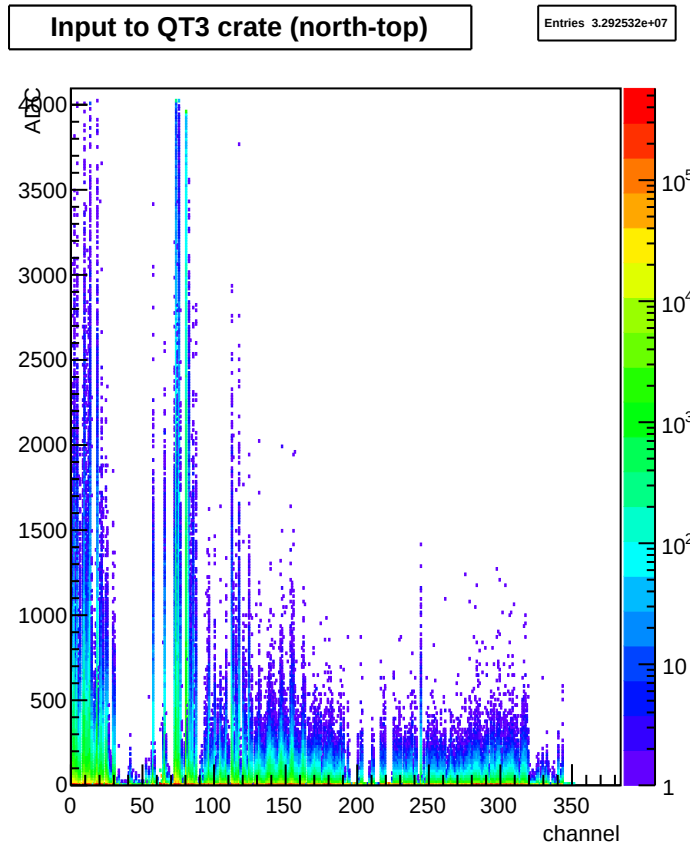

Entries 1000002
BBC-S-East ADC Sum
BBC-S-West ADC Sum

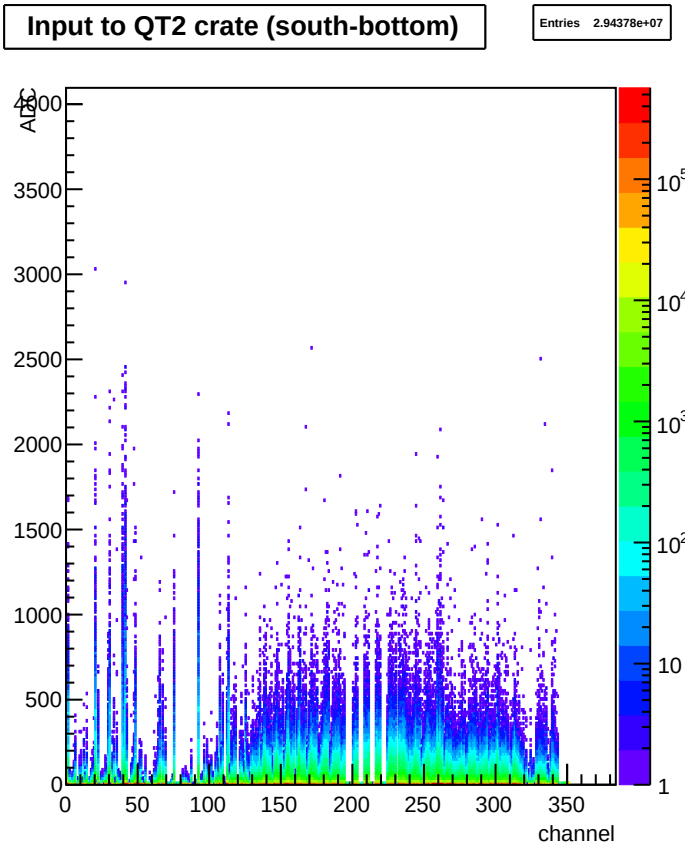

Entries 1000002
ZDC East ADC Sum Att
ZDC West ADC Sum Att

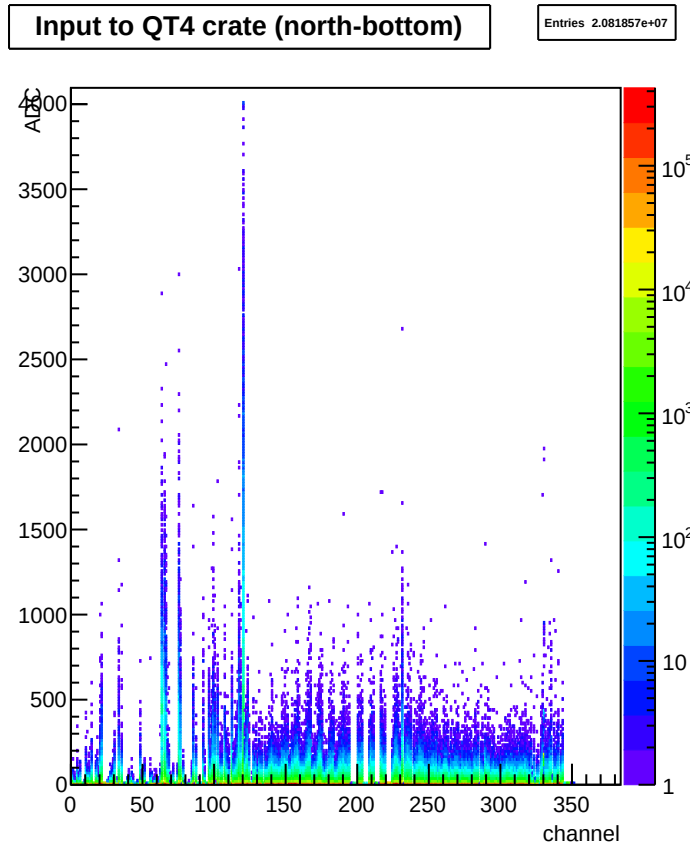

Entries 1000002
VPD East ADC Sum
VPD West ADC Sum

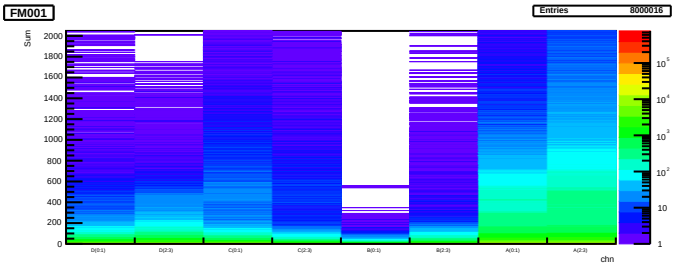

Entries 1000002
BBC-S TAC Diff
ZDC TAC Diff

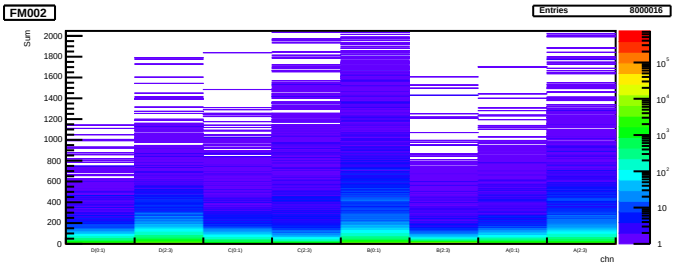

Input to QT1 crate (south-top)
Entries 3.461524e+07
ADC
channel

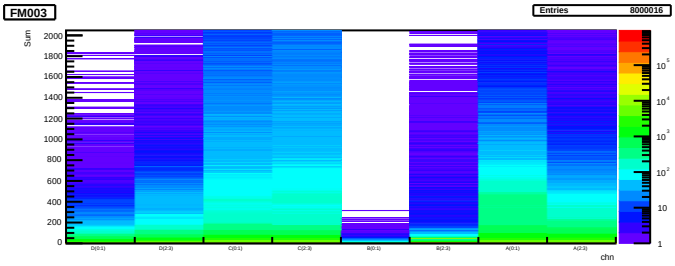

Input to QT3 crate (north-top)
Entries 3.292532e+07
ADC
channel

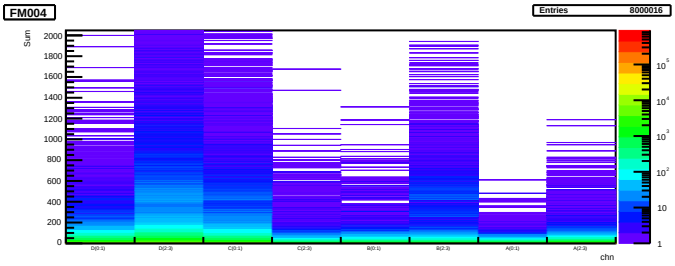

Input to QT2 crate (south-bottom)
Entries 2.94378e+07
ADC
channel

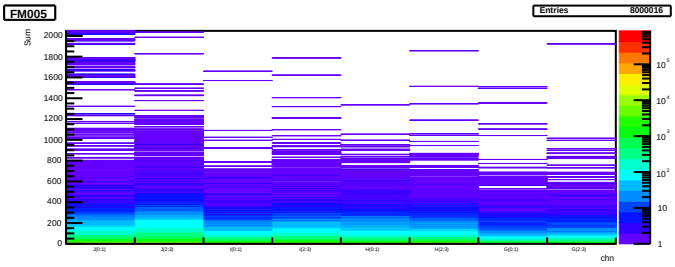

Input to QT4 crate (north-bottom)
Entries 2.081857e+07
ADC
channel

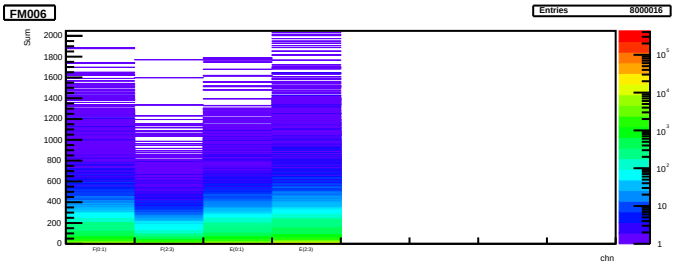

FM001
Entries 8000016
Sum
chn

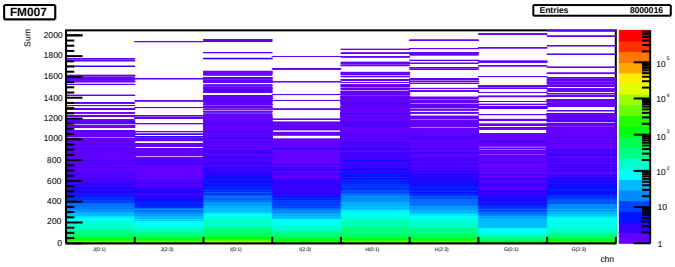

FM002
Entries 8000016
Sum
chn

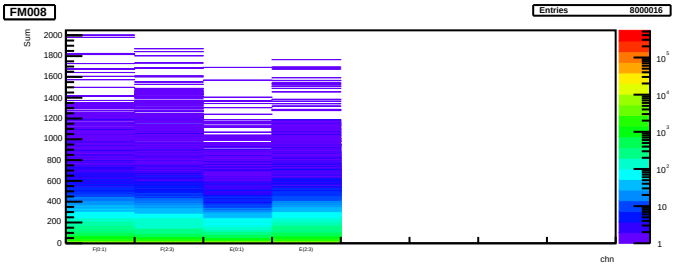

FM003
Entries 8000016
Sum
chn

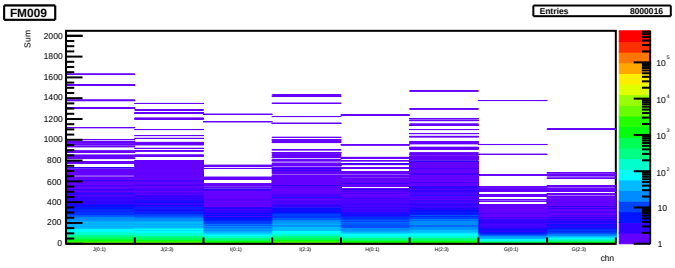

FM004
Entries 8000016
Sum
chn

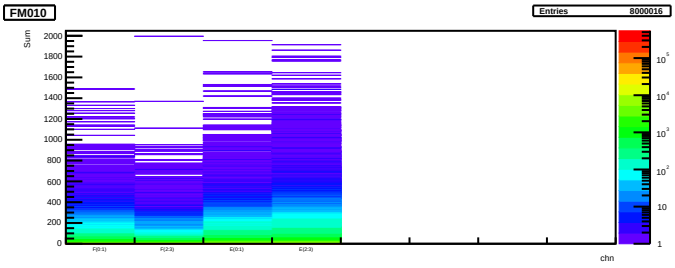

FM005
Entries 8000016
Sum
chn

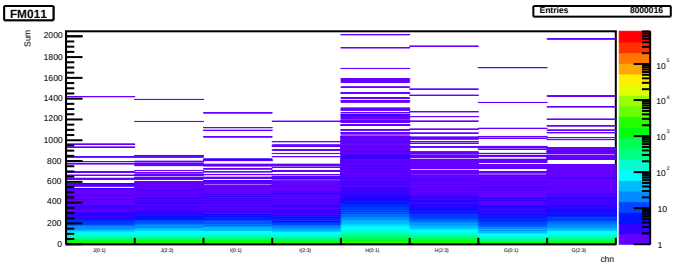

FM006
Entries 8000016
Sum
chn

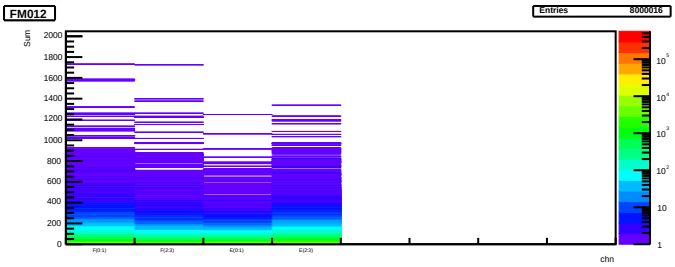

FM007
Entries 8000016
Sum
chn

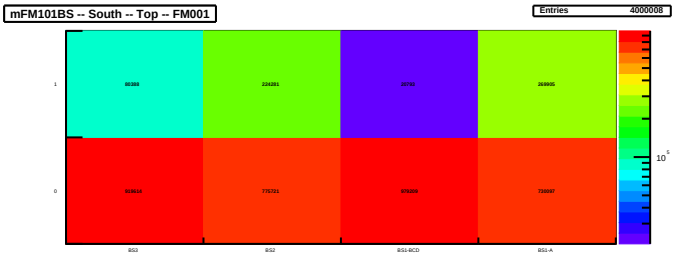

FM008
Entries 8000016
Sum
chn

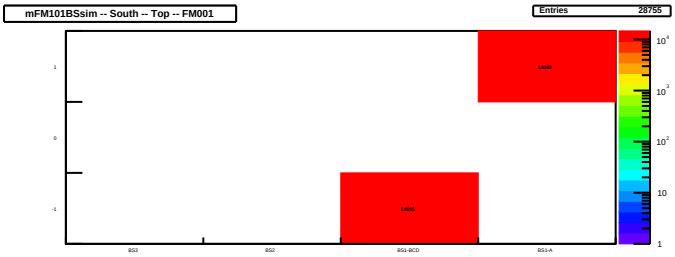

FM009
Entries 8000016
Sum
chn

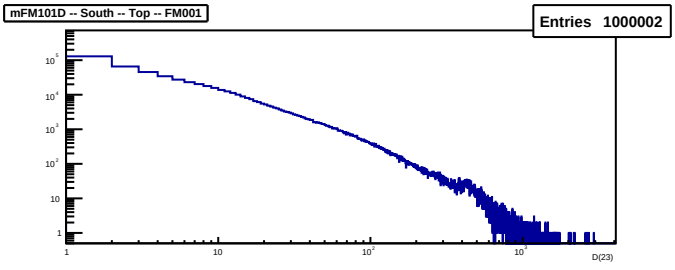

FM010
Entries 8000016
Sum
chn

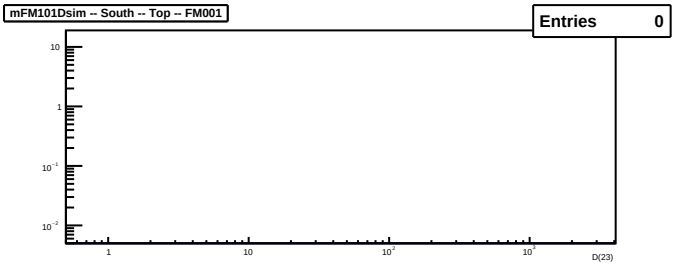

FM011
Entries 8000016
Sum
chn

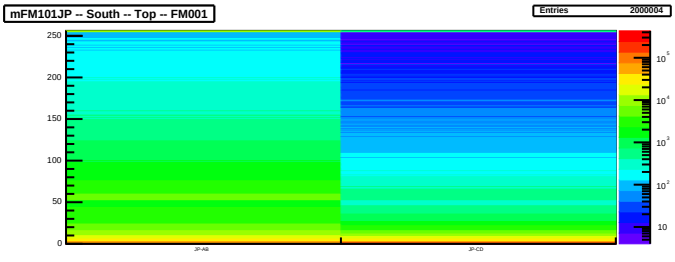

FM012
Entries 8000016
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 4000008
BS3
BS2
BS1-BCD
BS1-A

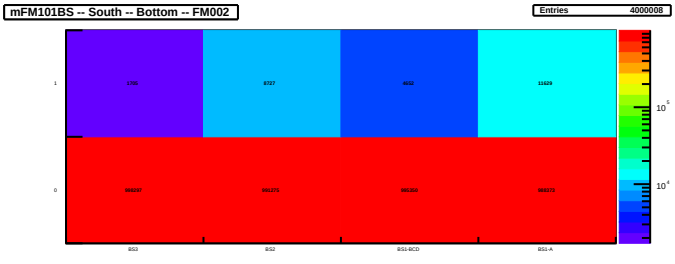

mFM101BSsim -- South -- Top -- FM001
Entries 28755
BS3
BS2
BS1-BCD
BS1-A

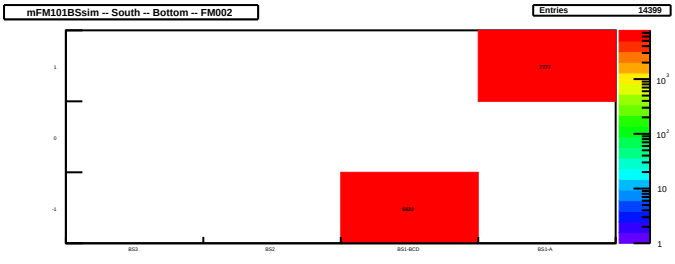

mFM101D -- South -- Top -- FM001
Entries 1000002
D(23)

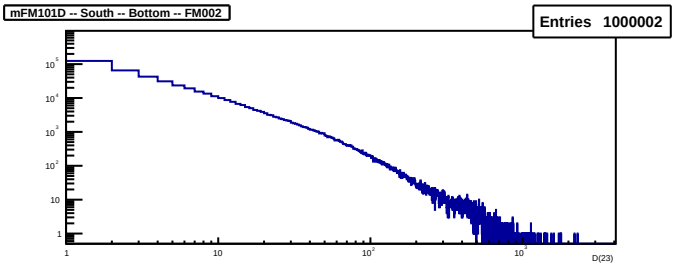

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

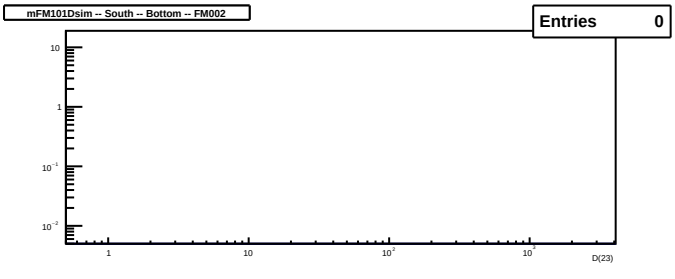

mFM101JP -- South -- Top -- FM001
Entries 2000004
JP-AB
JP-CD

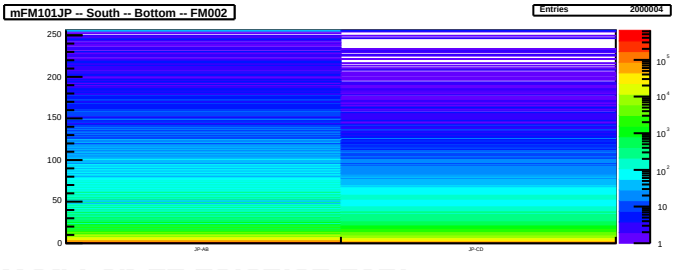
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

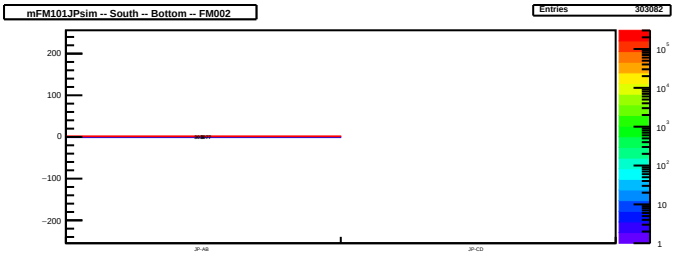

mFM101BS -- South -- Bottom -- FM002
Entries 4000008
BS3
BS2
BS1-BCD
BS1-A

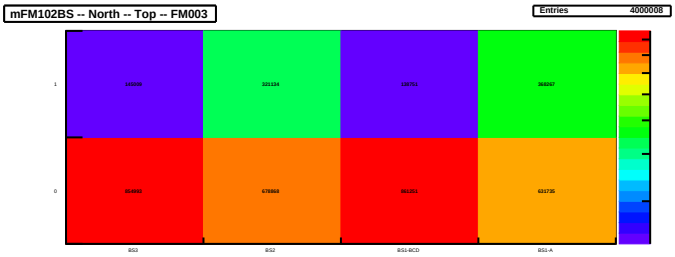

mFM101BSsim -- South -- Bottom -- FM002
Entries 14399
BS3
BS2
BS1-BCD
BS1-A

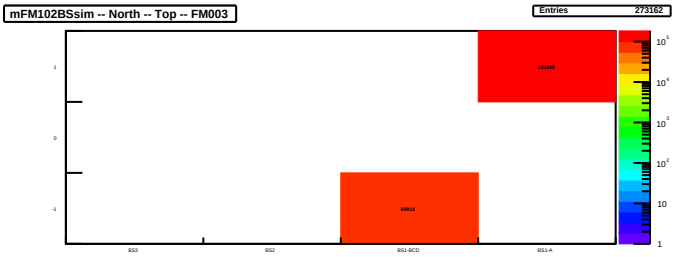

mFM101D -- South -- Bottom -- FM002
Entries 1000002
D(23)

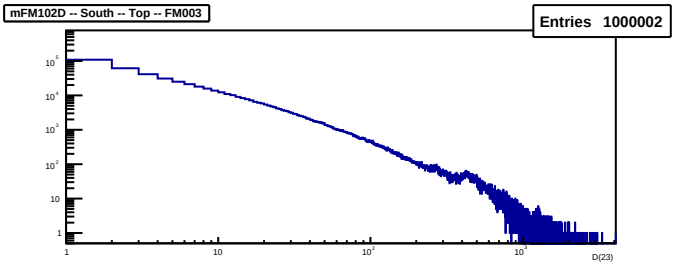

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

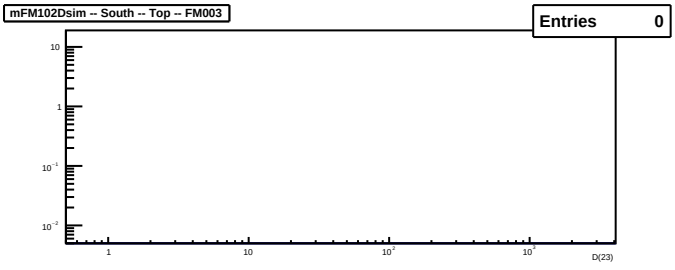

mFM101JP -- South -- Bottom -- FM002
Entries 2000004
JP-AB
JP-CD

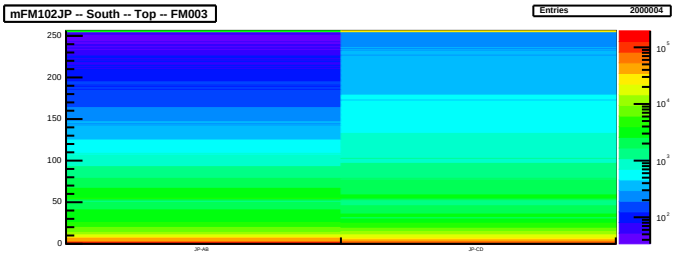

mFM101JPsim -- South -- Bottom -- FM002
Entries 303082
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 4000008
BS3
BS2
BS1-BCD
BS1-A

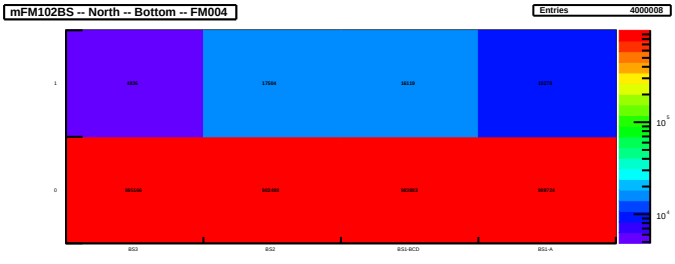

mFM102BSsim -- North -- Top -- FM003
Entries 273162
BS3
BS2
BS1-BCD
BS1-A

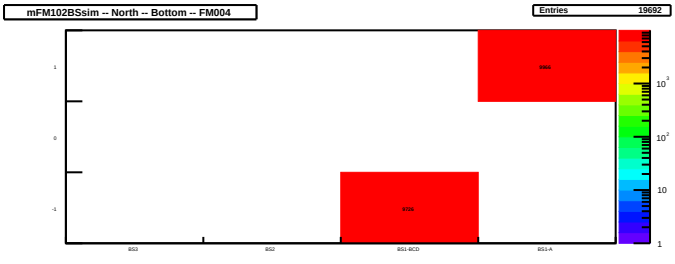

mFM102D -- South -- Top -- FM003
Entries 1000002
D(23)

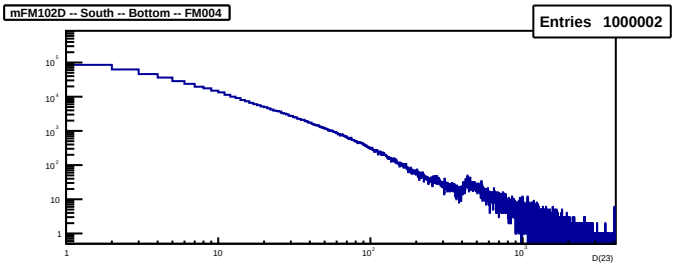

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

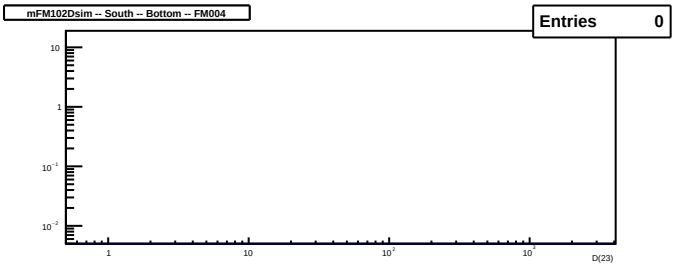

mFM102JP -- South -- Top -- FM003
Entries 2000004
JP-AB
JP-CD

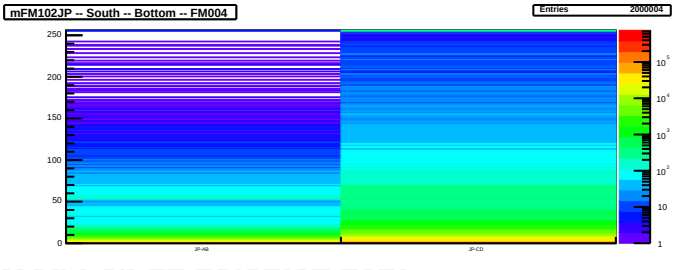
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

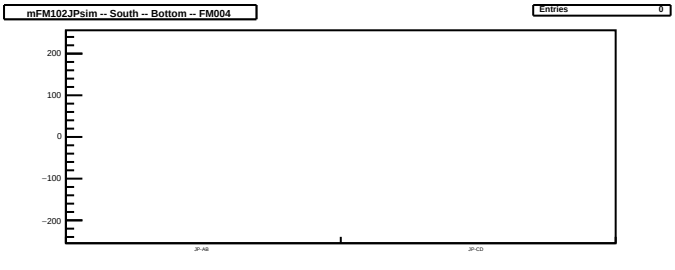

mFM102BS -- North -- Bottom -- FM004
Entries 4000008
BS3
BS2
BS1-BCD
BS1-A

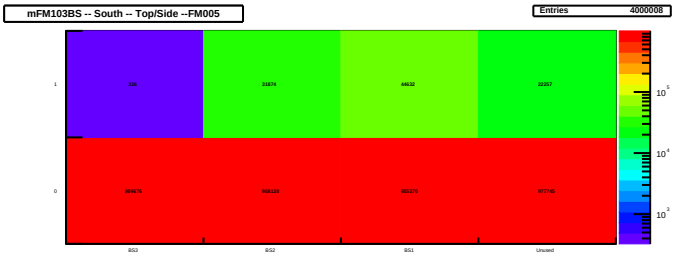

mFM102BSsim -- North -- Bottom -- FM004
Entries 19692
BS3
BS2
BS1-BCD
BS1-A

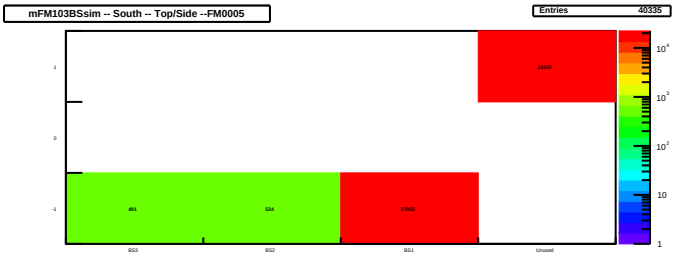

mFM102D -- South -- Bottom -- FM004
Entries 1000002
D(23)

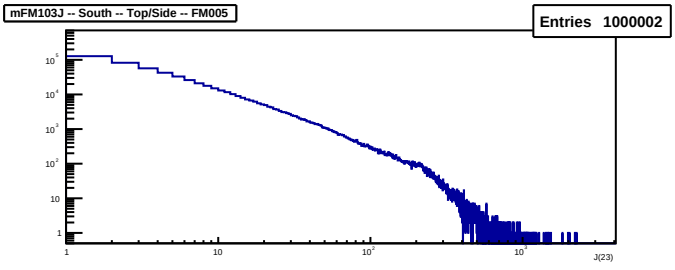

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

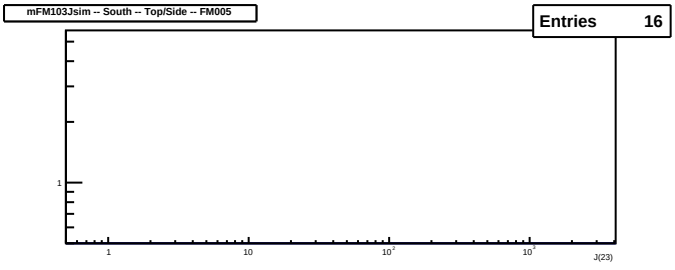

mFM102JP -- South -- Bottom -- FM004
Entries 2000004
JP-AB
JP-CD

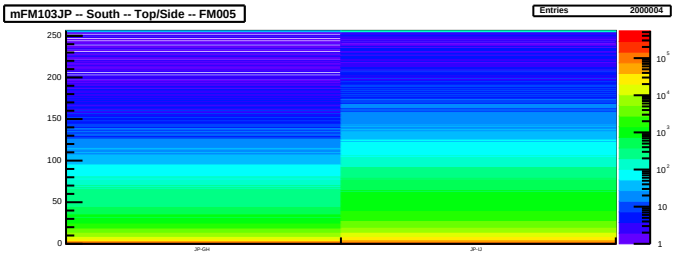

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

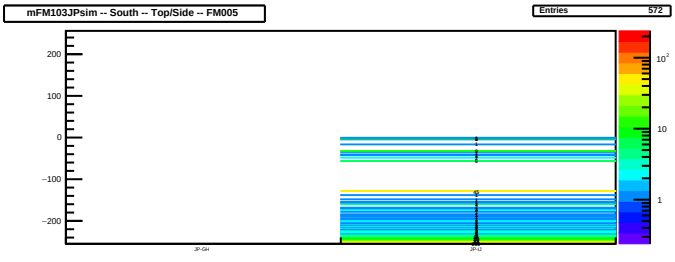

mFM103BS -- South -- Top/Side --FM005
Entries 4000008

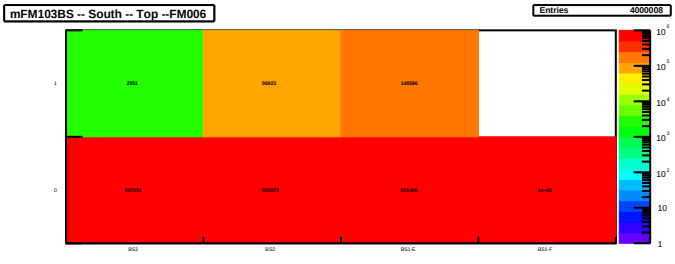

mFM103BSsim -- South -- Top/Side --FM0005
Entries 40335

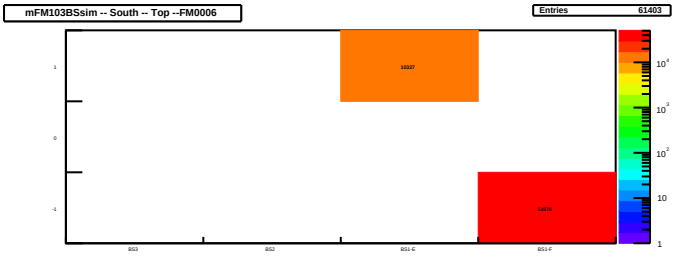

mFM103J -- South -- Top/Side -- FM005
Entries 1000002
J(23)

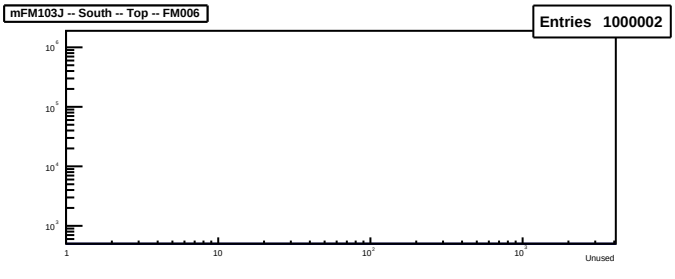

mFM103Jsim -- South -- Top/Side -- FM005
Entries 16
J(23)

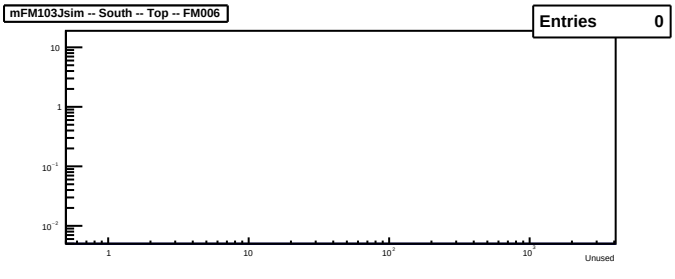

mFM103JP -- South -- Top/Side -- FM005
Entries 2000004

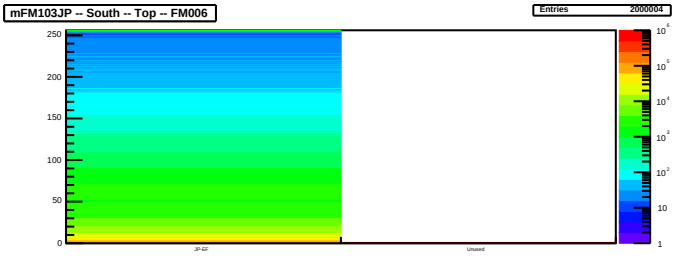

mFM103JPsim -- South -- Top/Side -- FM005
Entries 572

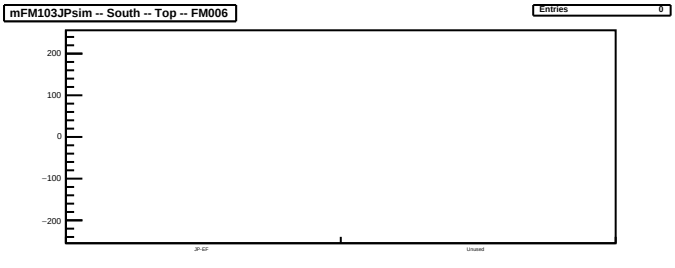

mFM103BS -- South -- Top --FM006
Entries 4000008

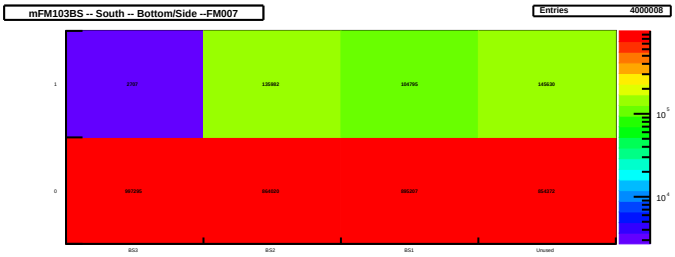

mFM103BSsim -- South -- Top --FM0006
Entries 61403

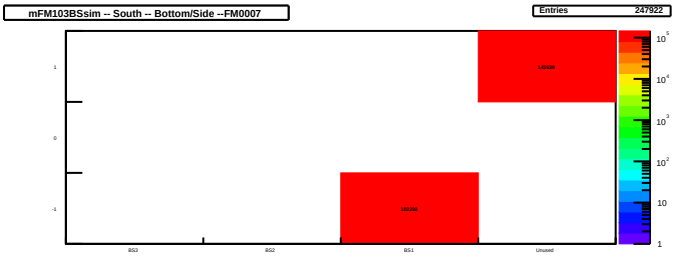

mFM103J -- South -- Top -- FM006
Entries 1000002
Unused

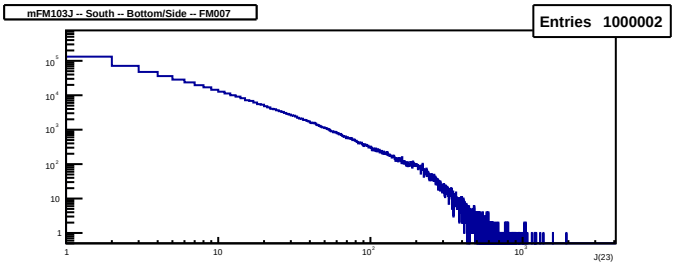

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

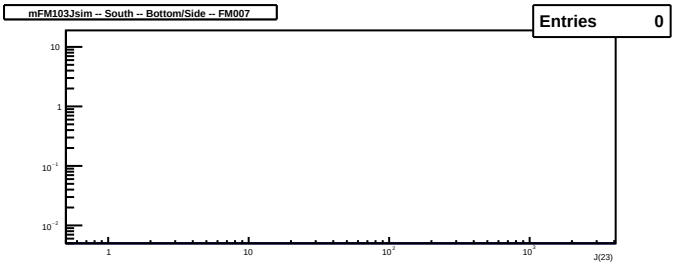

mFM103JP -- South -- Top -- FM006
Entries 2000004

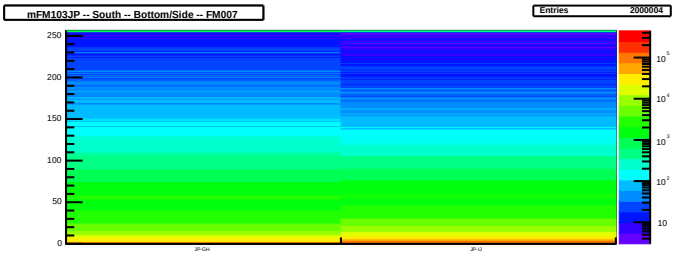

mFM103JPsim -- South -- Top -- FM006
Entries 0

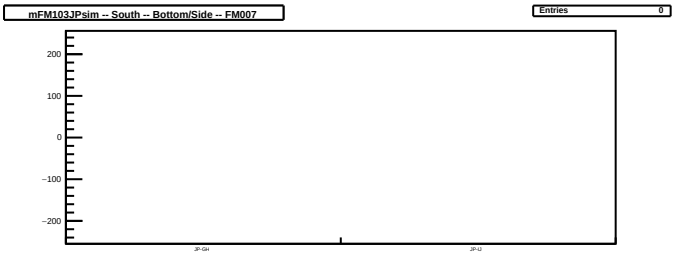

mFM103BS -- South -- Bottom/Side --FM007
Entries 4000008
2707
135882
104795
145630
997295
864620
865207
854372
BS3
BS2
BS1
Unused

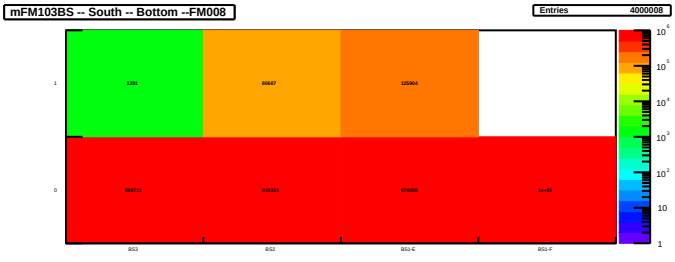

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 247922
145630
102292
BS3
BS2
BS1
Unused

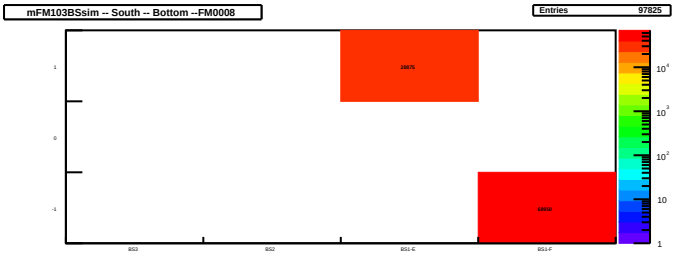

mFM103J -- South -- Bottom/Side -- FM007
Entries 1000002
J(23)

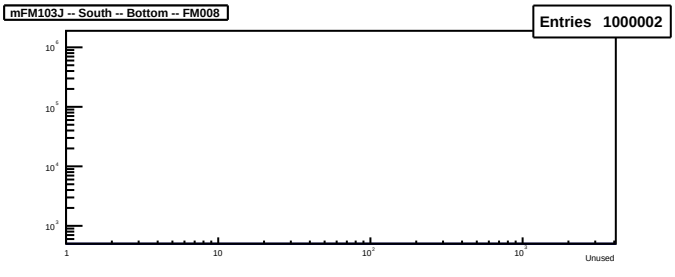

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

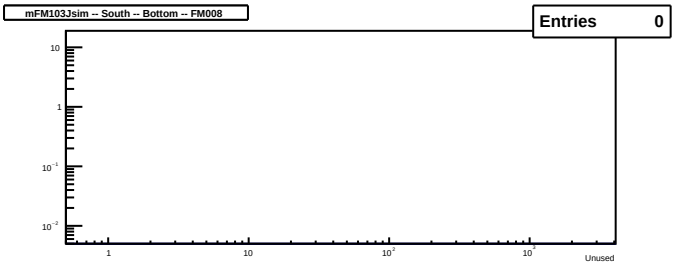

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2000004
JP-GH
JP-IJ

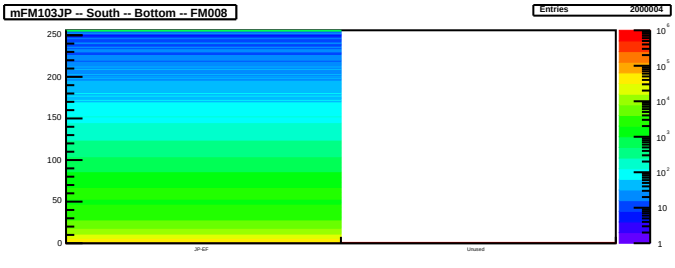

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

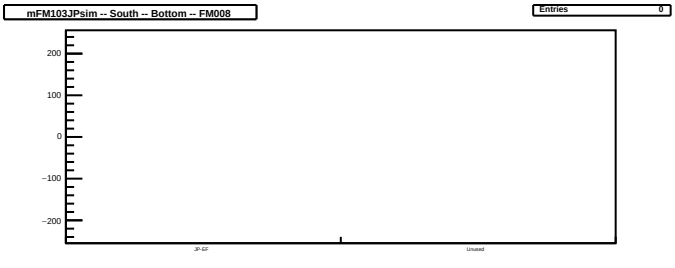

mFM103BS -- South -- Bottom --FM008
Entries 4000008
1291
80687
125904
999711
919315
874306
1e+06
BS3
BS2
BS1-E
BS1-F

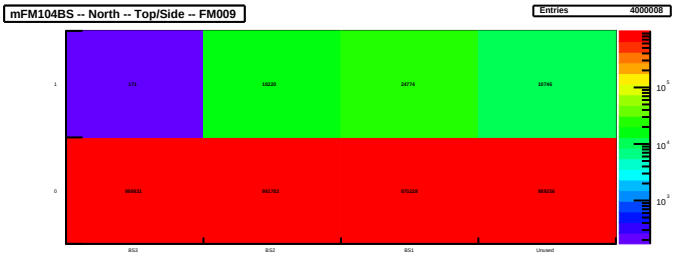

mFM103BSsim -- South -- Bottom --FM0008
Entries 97825
28875
68950
BS3
BS2
BS1-E
BS1-F

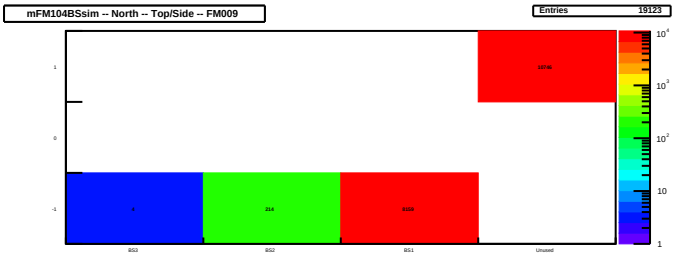

mFM103J -- South -- Bottom -- FM008
Entries 1000002
Unused

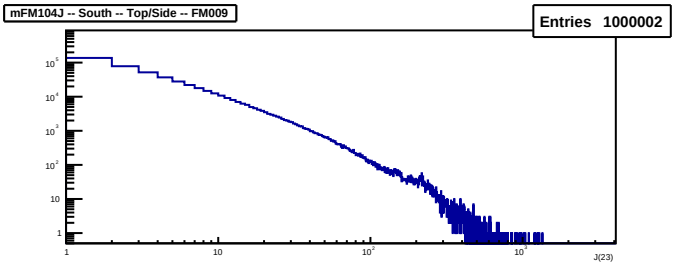

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

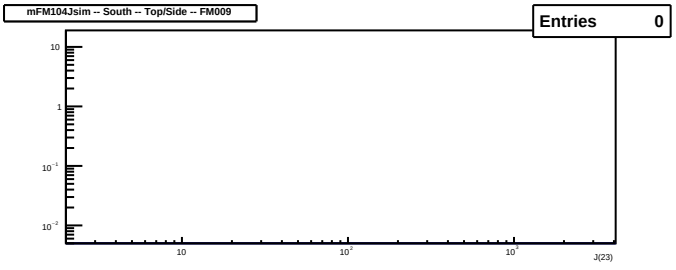

mFM103JP -- South -- Bottom -- FM008
Entries 2000004
JP-EF
Unused

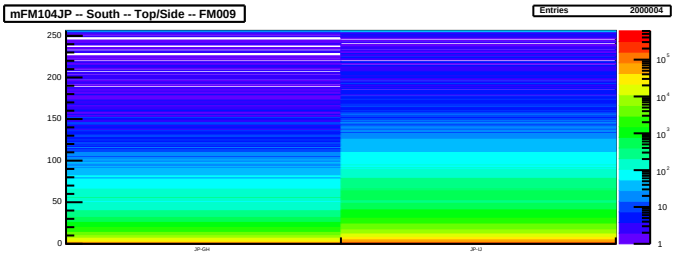

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

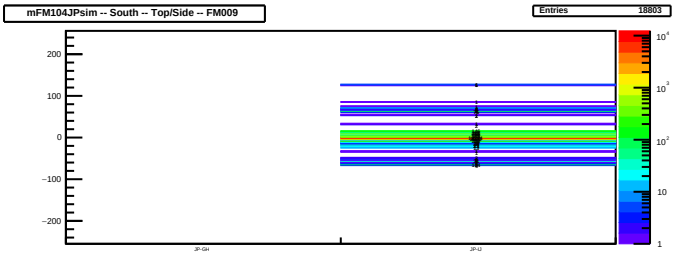

mFM104BS -- North -- Top/Side -- FM009
Entries 4000008

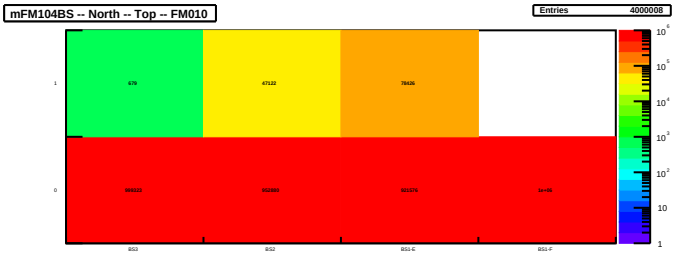

mFM104BSsim -- North -- Top/Side -- FM009
Entries 19123

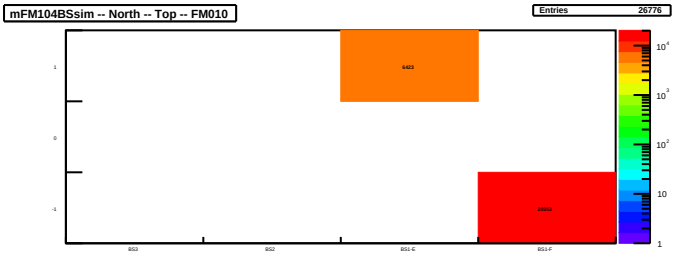

mFM104J -- South -- Top/Side -- FM009
Entries 1000002
J(23)

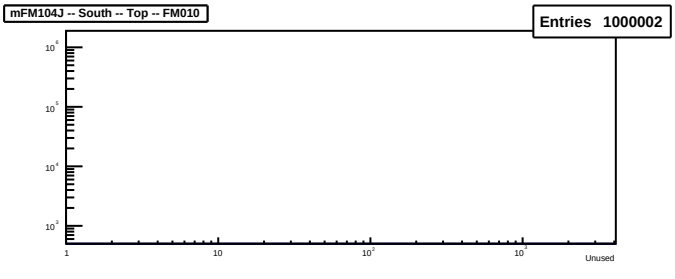

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

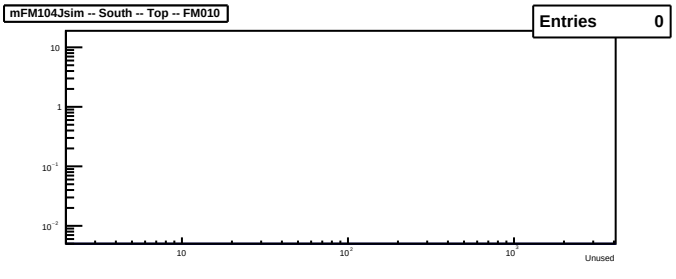

mFM104JP -- South -- Top/Side -- FM009
Entries 2000004

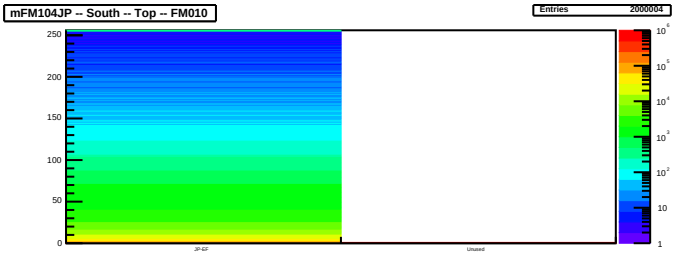

mFM104JPsim -- South -- Top/Side -- FM009
Entries 18803

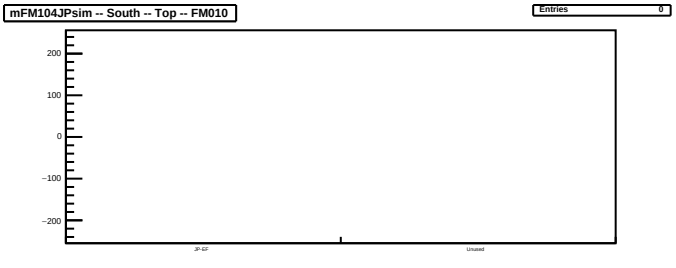

mFM104BS -- North -- Top -- FM010
Entries 4000008

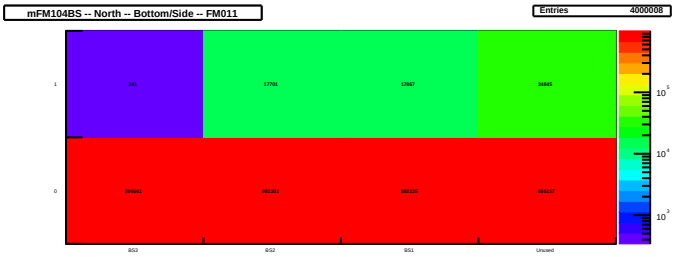

mFM104BSsim -- North -- Top -- FM010
Entries 26776

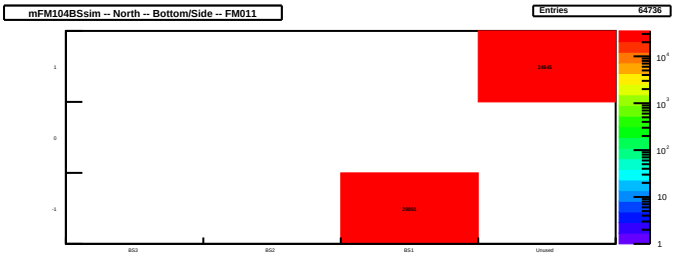

mFM104J -- South -- Top -- FM010
Entries 1000002
Unused

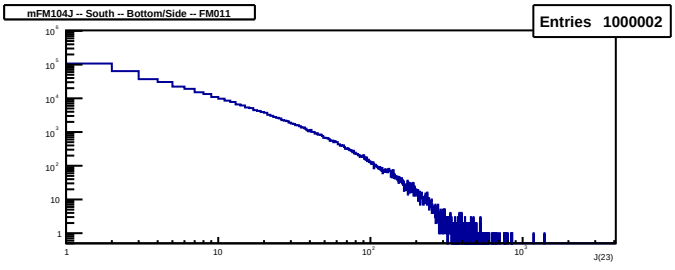

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

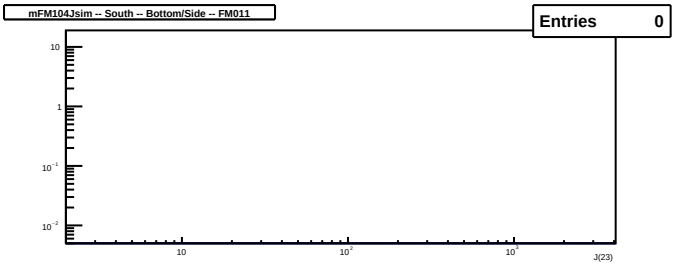

mFM104JP -- South -- Top -- FM010
Entries 2000004

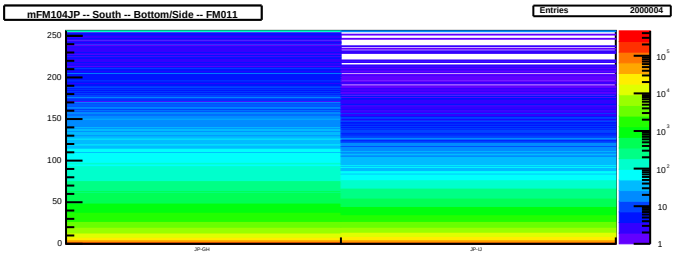

mFM104JPsim -- South -- Top -- FM010
Entries 0

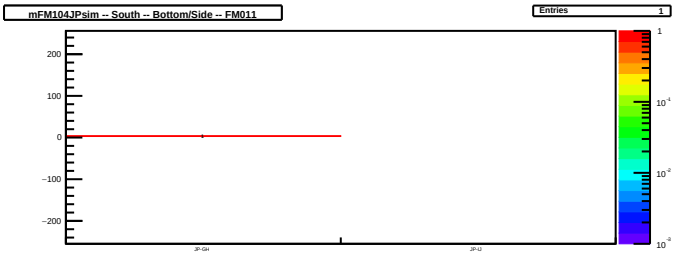

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4000008

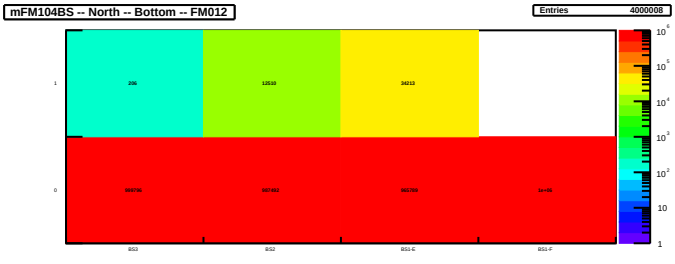

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 64736

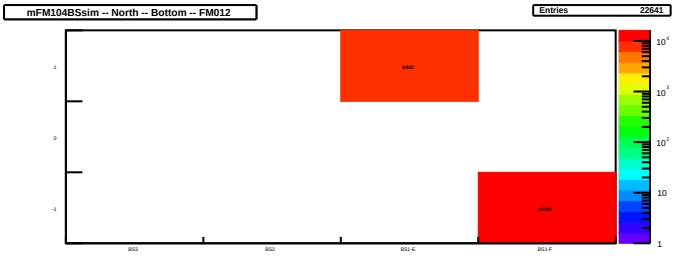

mFM104J -- South -- Bottom/Side -- FM011
Entries 1000002
J(23)

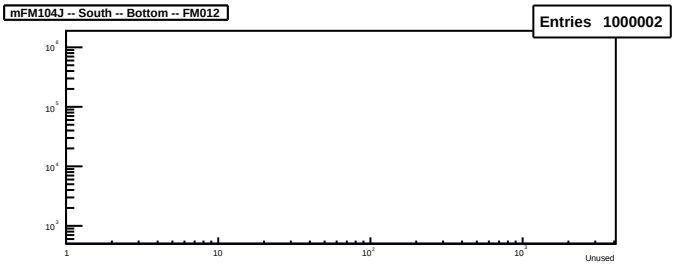

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

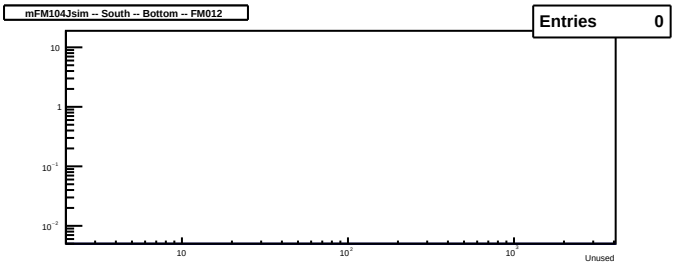

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2000004

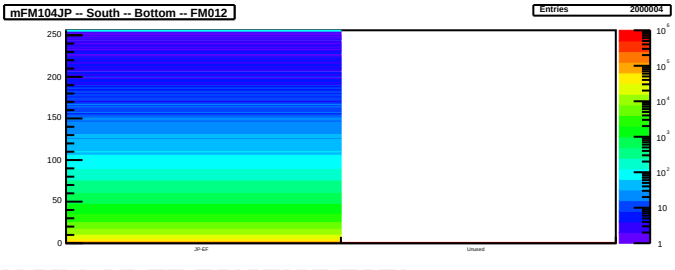

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1

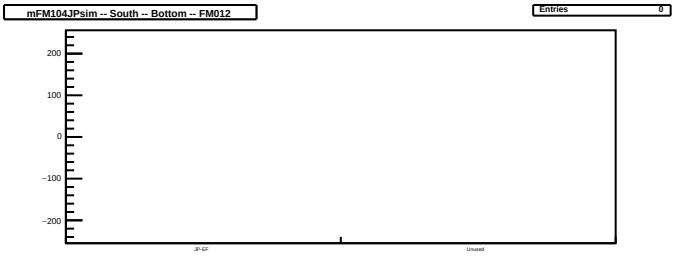

mFM104BS -- North -- Bottom -- FM012
Entries 4000008

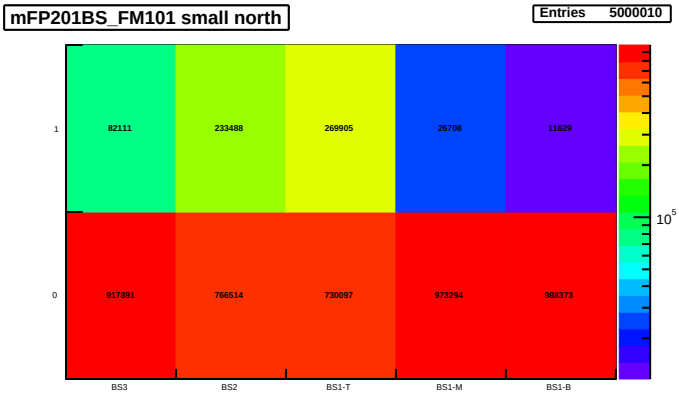

mFM104BSsim -- North -- Bottom -- FM012
Entries 22641

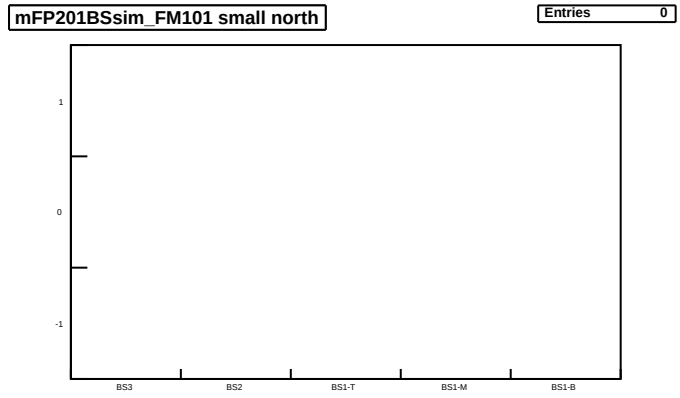

mFM104J -- South -- Bottom -- FM012
Entries 1000002
Unused

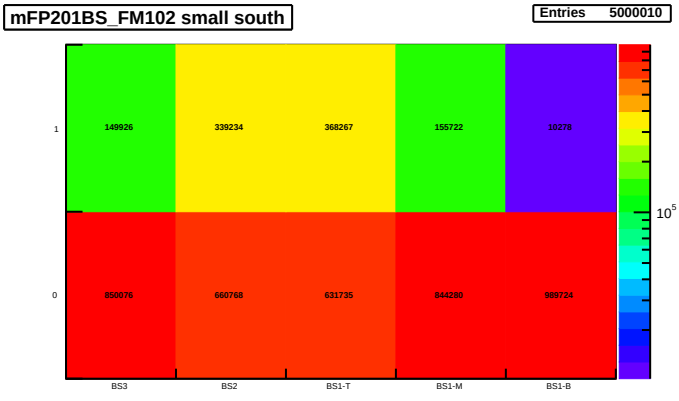

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

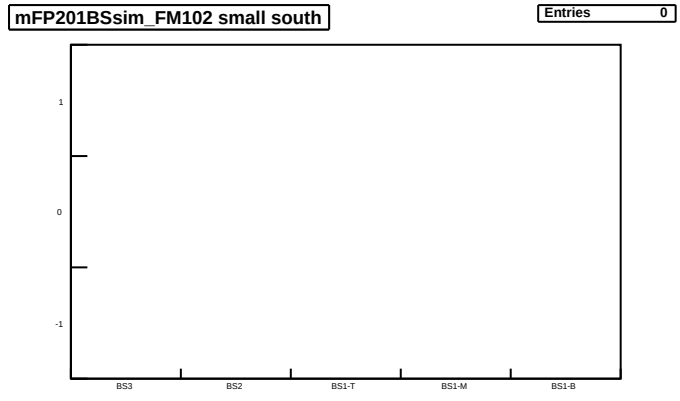

mFM104JP -- South -- Bottom -- FM012
Entries 2000004

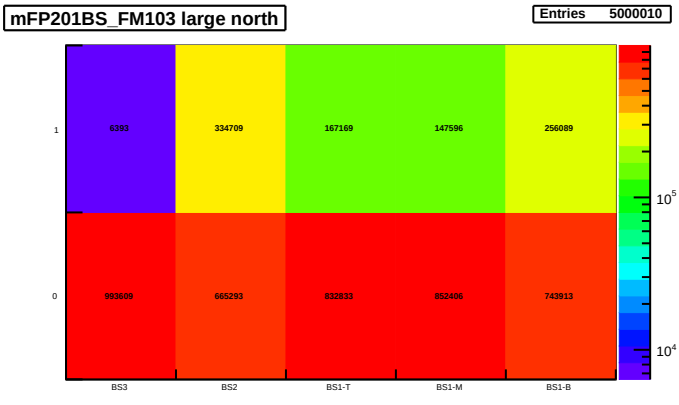

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

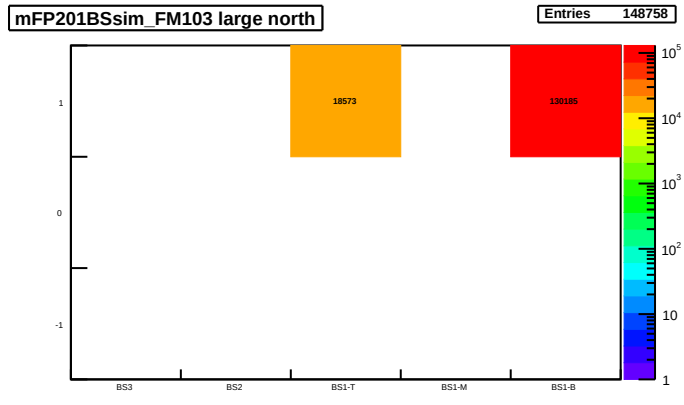

mFP201BS_FM101 small north
Entries 5000010
82111
233488
269905
26708
11629
917891
766514
730097
973294
988373
BS3
BS2
BS1-T
BS1-M
BS1-B

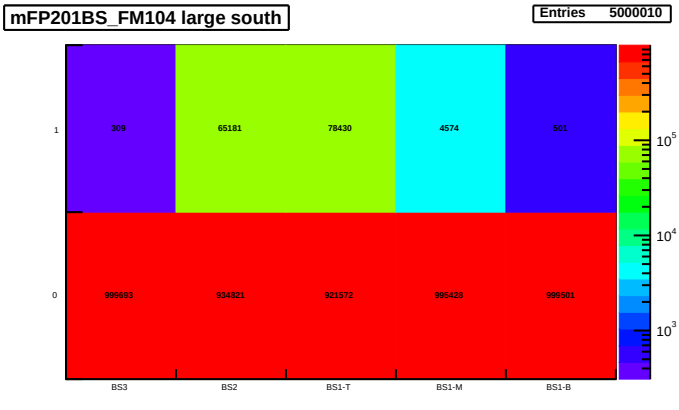

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

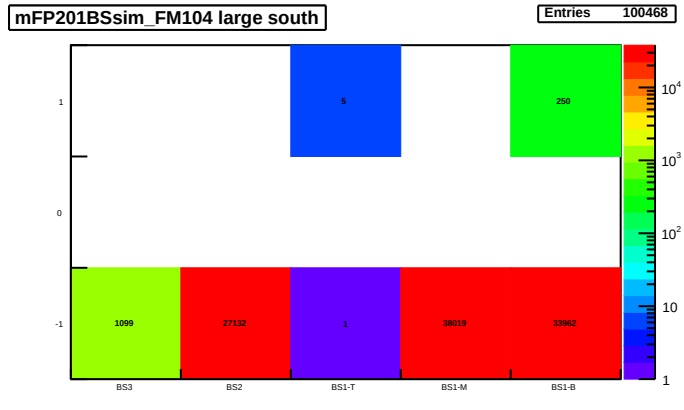

mFP201BS_FM102 small south
Entries 5000010
149926
339234
368267
155722
10278
850076
660768
631735
844280
989724
BS3
BS2
BS1-T
BS1-M
BS1-B

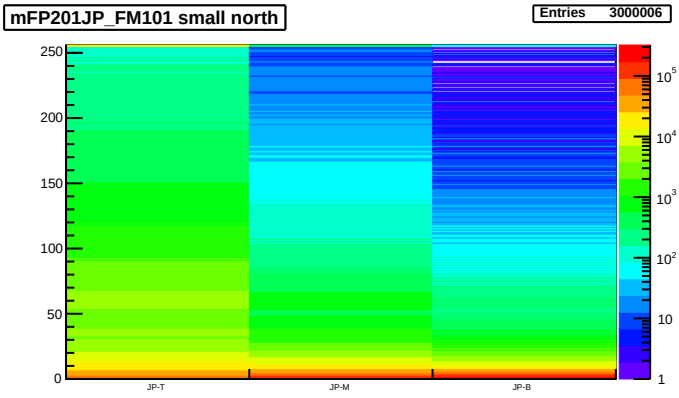

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

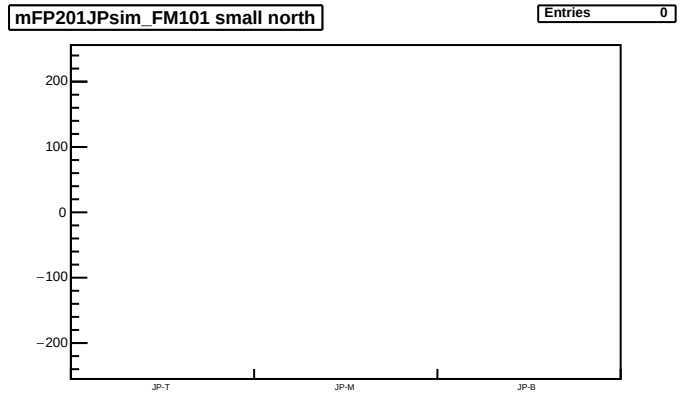

mFP201BS_FM103 large north
Entries 5000010
6393
334709
167169
147596
256089
993609
665293
832833
852406
743913
BS3
BS2
BS1-T
BS1-M
BS1-B

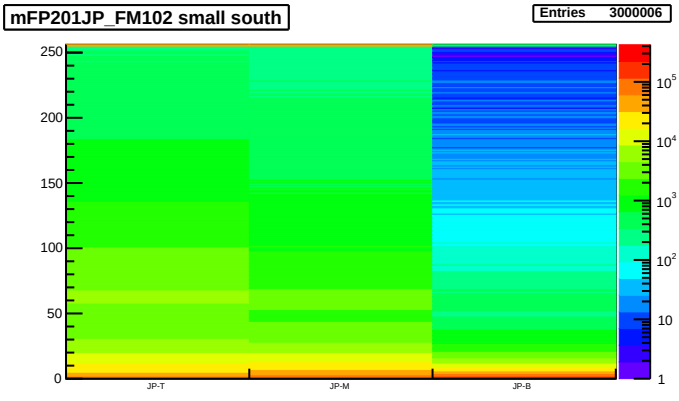

mFP201BSsim_FM103 large north
Entries 148758
18573
130185
BS3
BS2
BS1-T
BS1-M
BS1-B

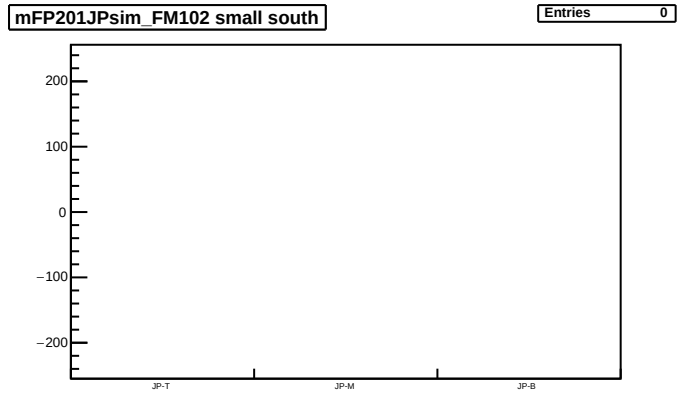

mFP201BS_FM104 large south
Entries 5000010
309
65181
78430
4574
501
999693
934821
921572
995428
999501
BS3
BS2
BS1-T
BS1-M
BS1-B

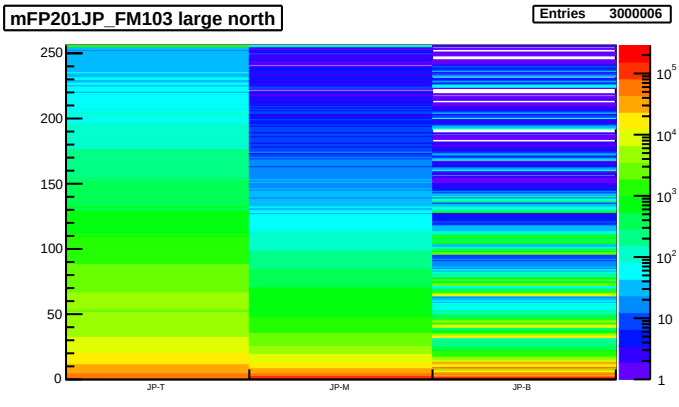

mFP201BSsim_FM104 large south
Entries 100468
5
250
1099
27132
1
38019
33962
BS3
BS2
BS1-T
BS1-M
BS1-B

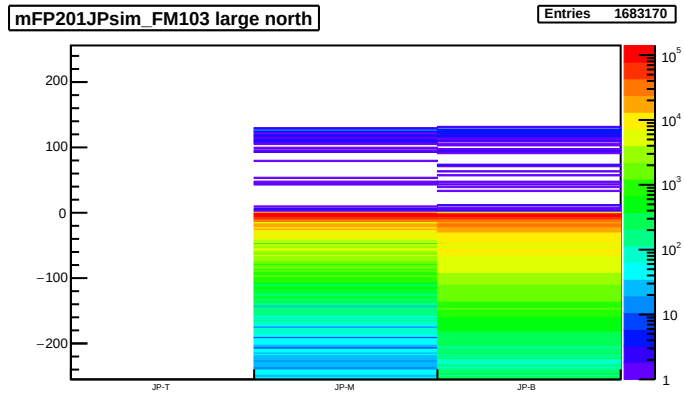

mFP201JP_FM101 small north
Entries 3000006
JP-T
JP-M
JP-B

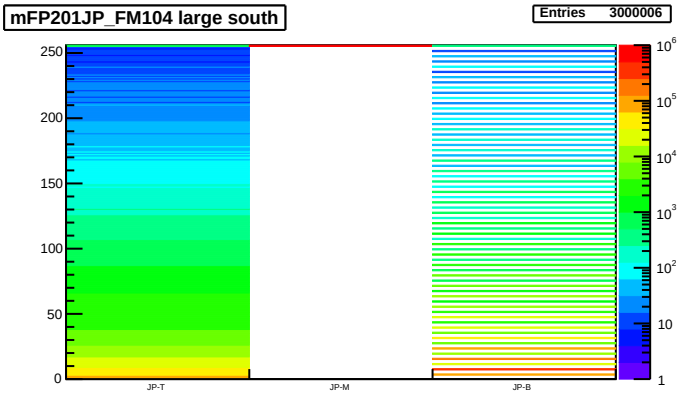

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

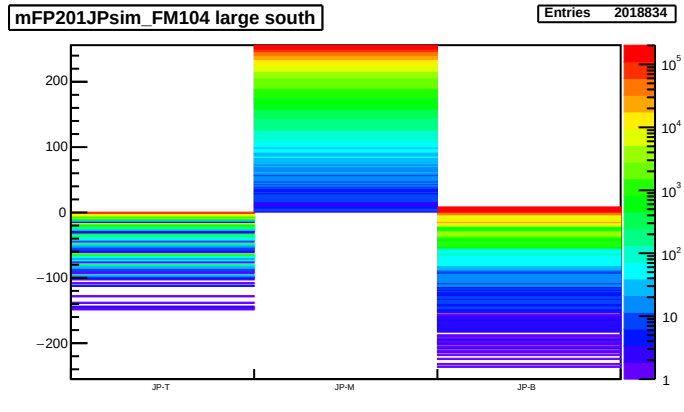

mFP201JP_FM102 small south
Entries 3000006
JP-T
JP-M
JP-B

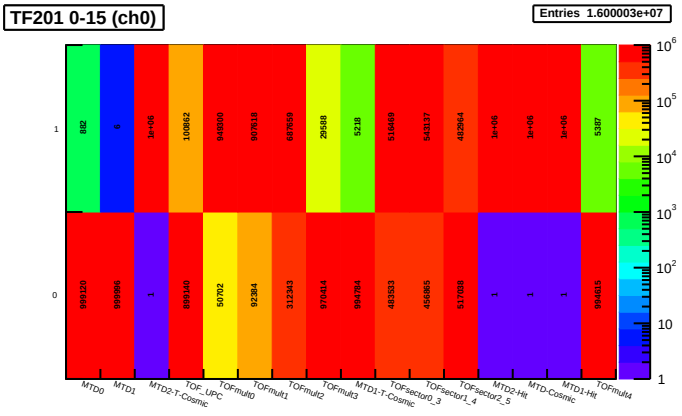

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

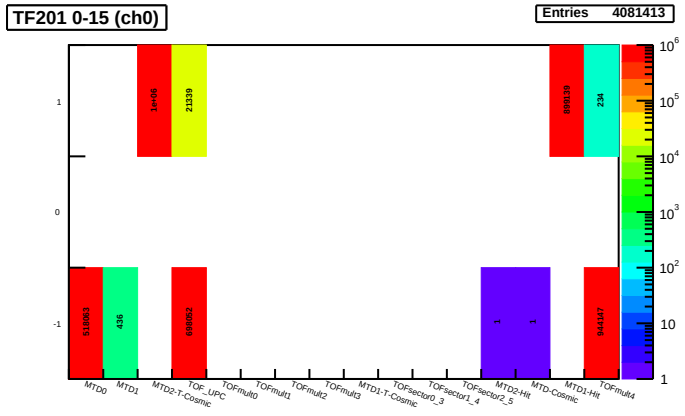

mFP201JP_FM103 large north
Entries 3000006
JP-T
JP-M
JP-B

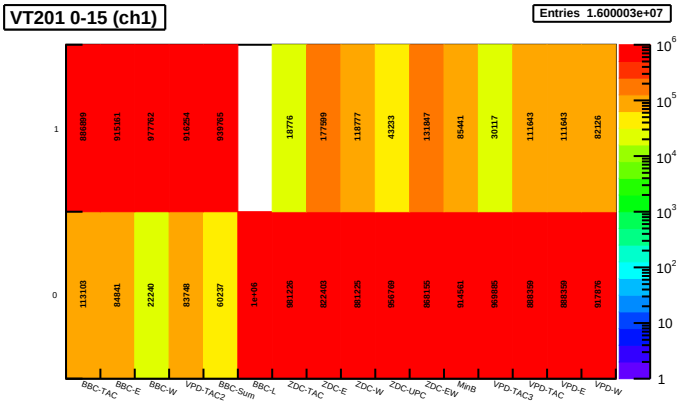

mFP201JPsim_FM103 large north
Entries 1683170
JP-T
JP-M
JP-B

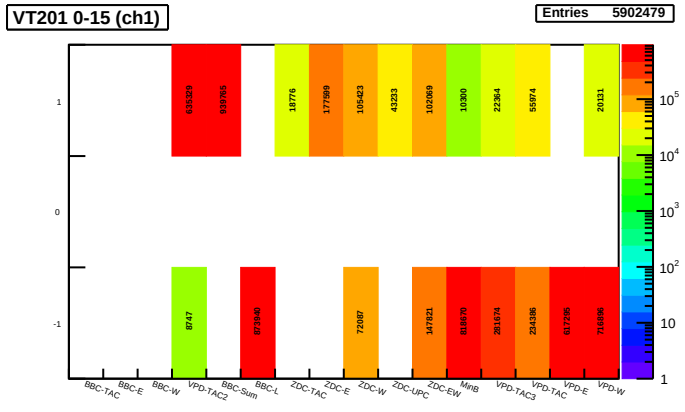

mFP201JP_FM104 large south
Entries 3000006
JP-T
JP-M
JP-B

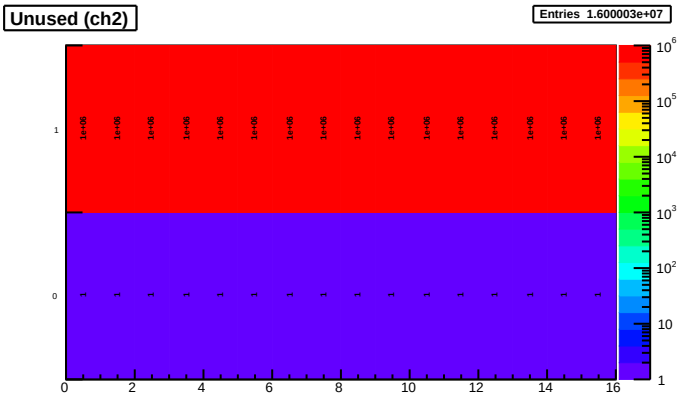

mFP201JPsim_FM104 large south
Entries 2018834
JP-T
JP-M
JP-B

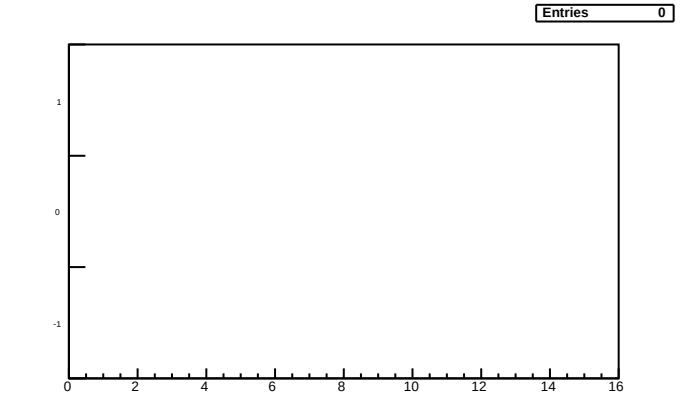

TF201 0-15 (ch0)
Entries 1.600003e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

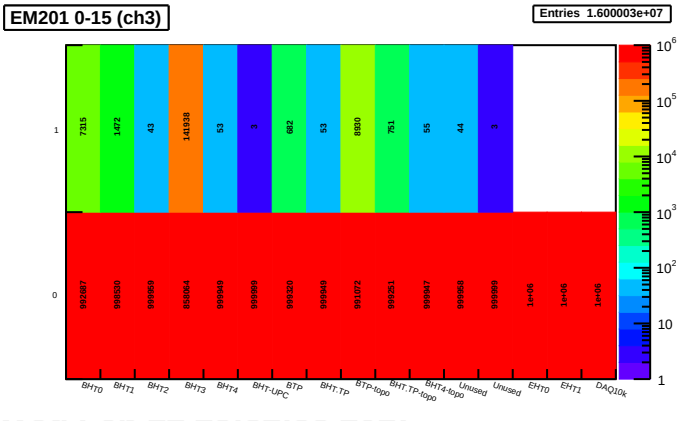

TF201 0-15 (ch0)
Entries 4081413
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

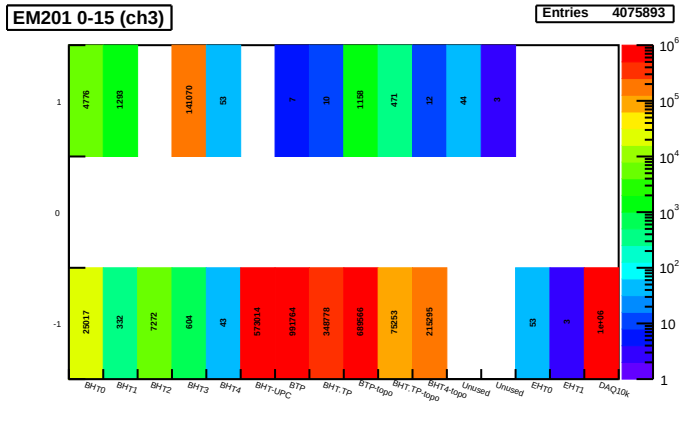

VT201 0-15 (ch1)
Entries 1.600003e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

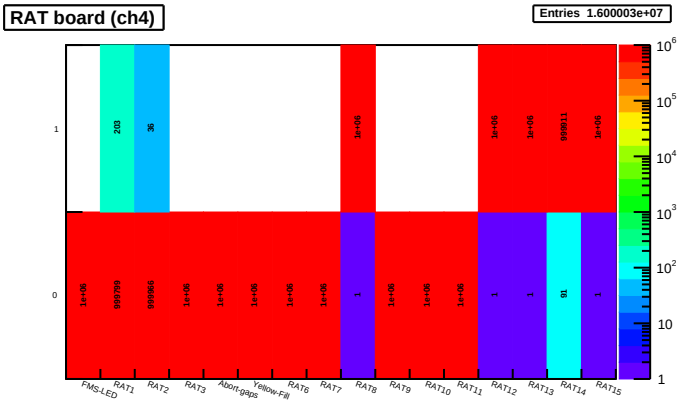

VT201 0-15 (ch1)
Entries 5902479
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

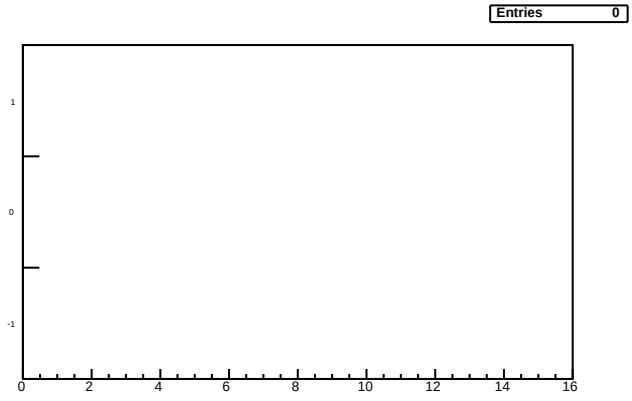

Unused (ch2)
Entries 1.600003e+07

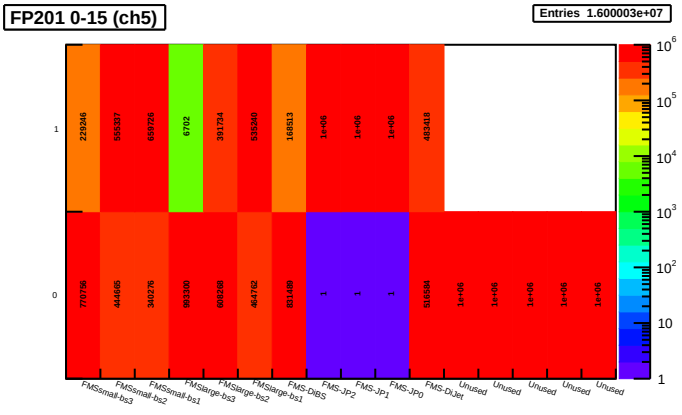

Entries 0


EM201 0-15 (ch3)
Entries 1.600003e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


EM201 0-15 (ch3)
Entries 4075893
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 1.600003e+07
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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FMSsmall-bs3
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FMSlarge-bs1
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FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
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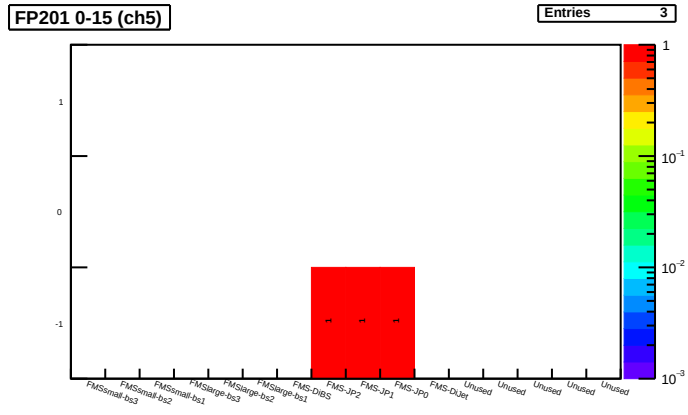
Unused
Unused
Unused
Unused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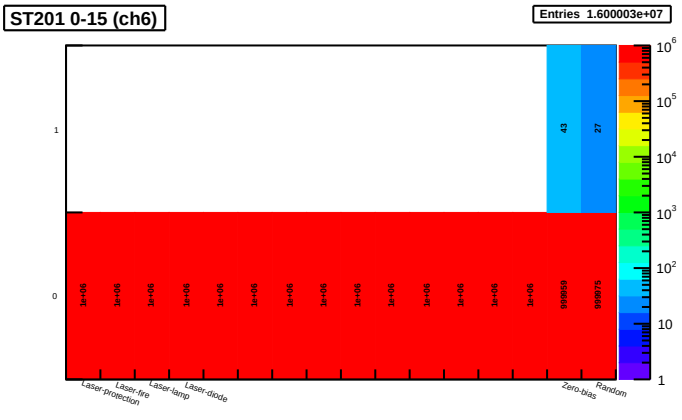
Unused


ST201 0-15 (ch6)
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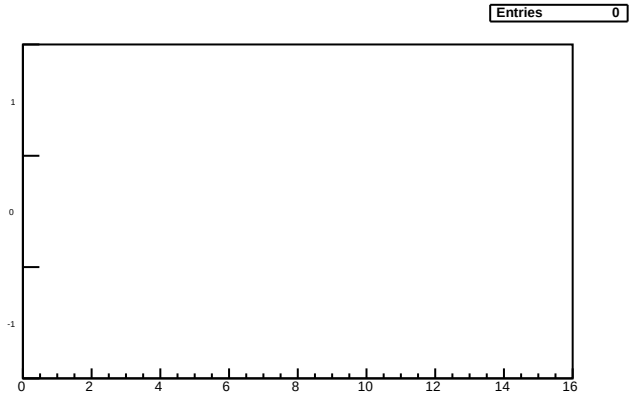
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random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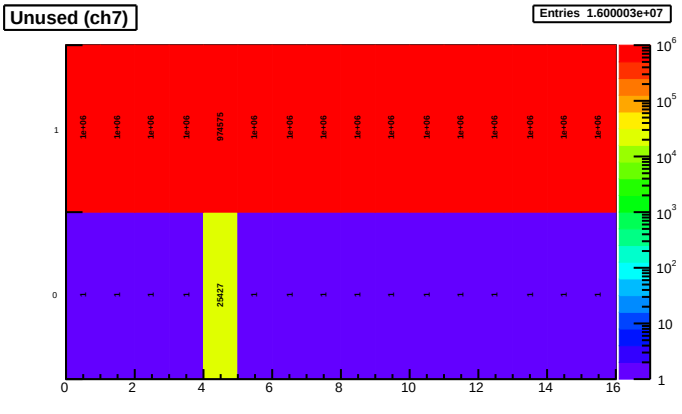
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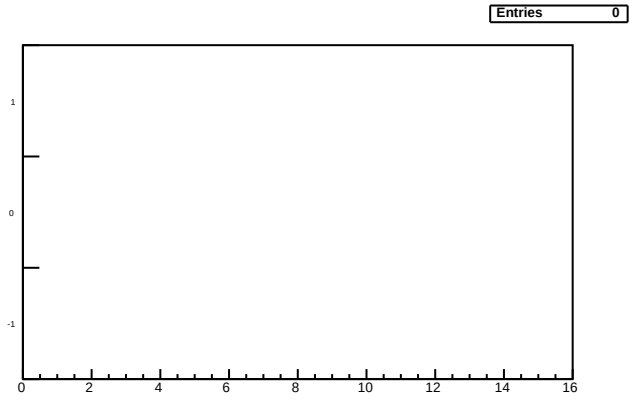
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