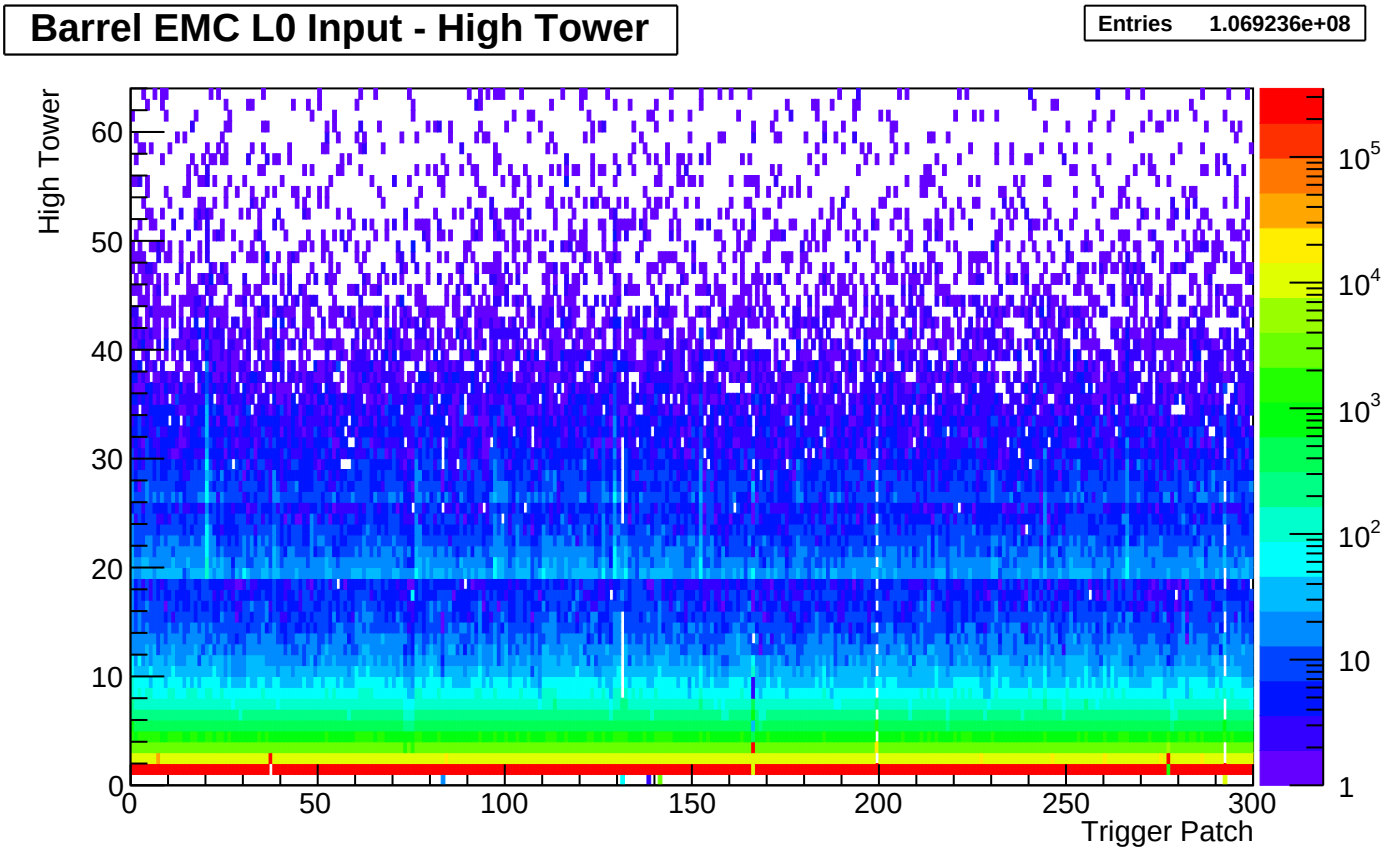
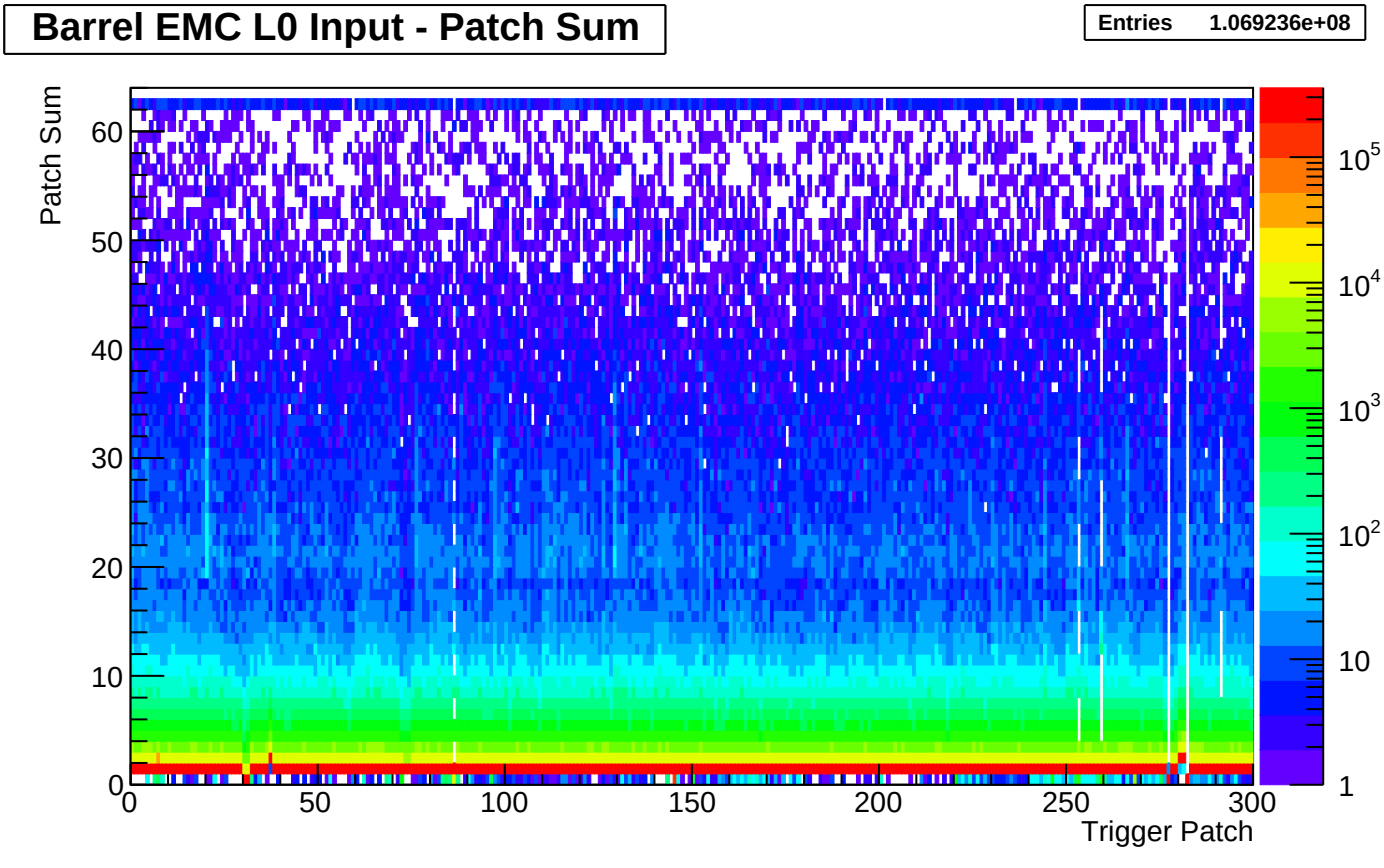
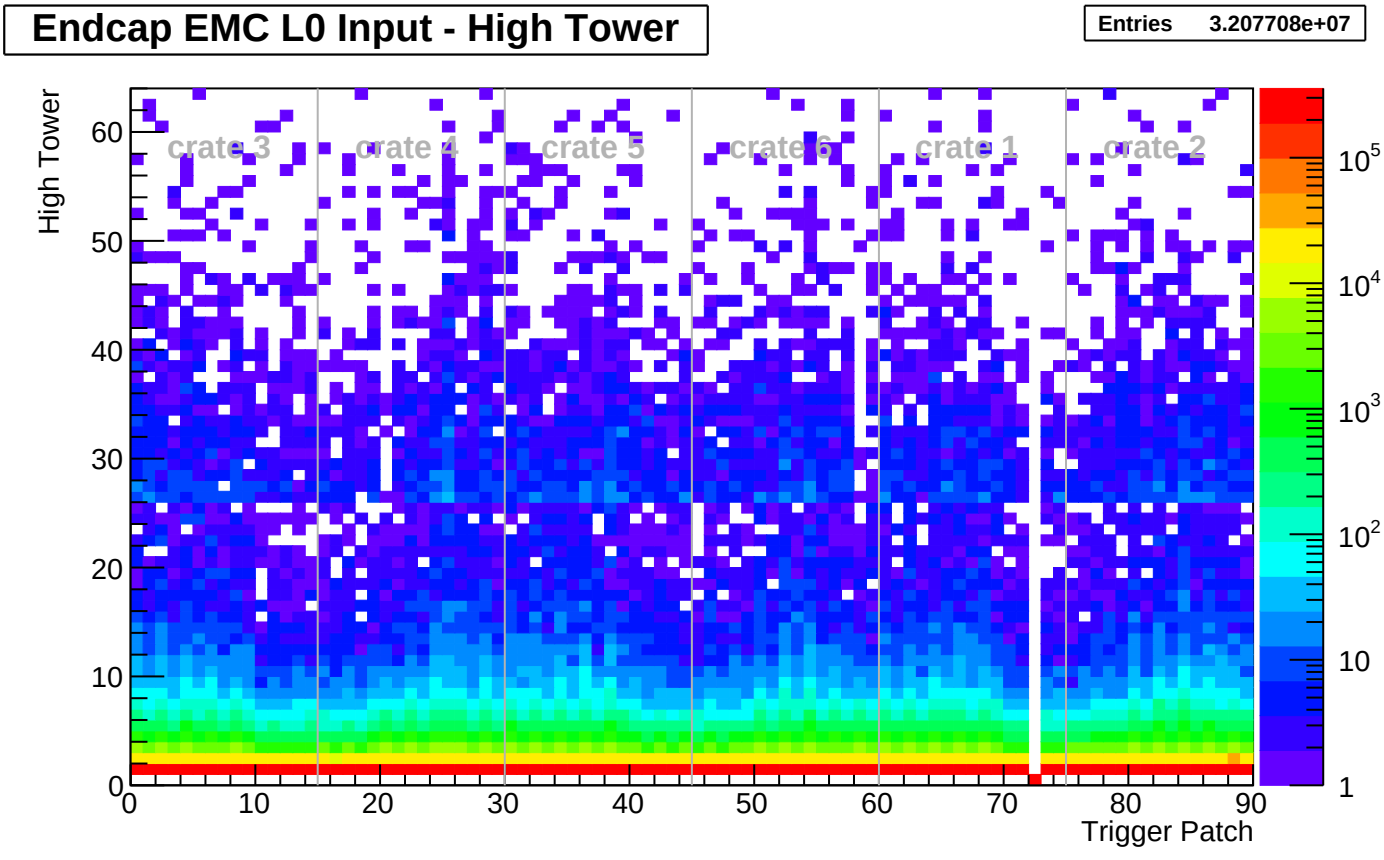
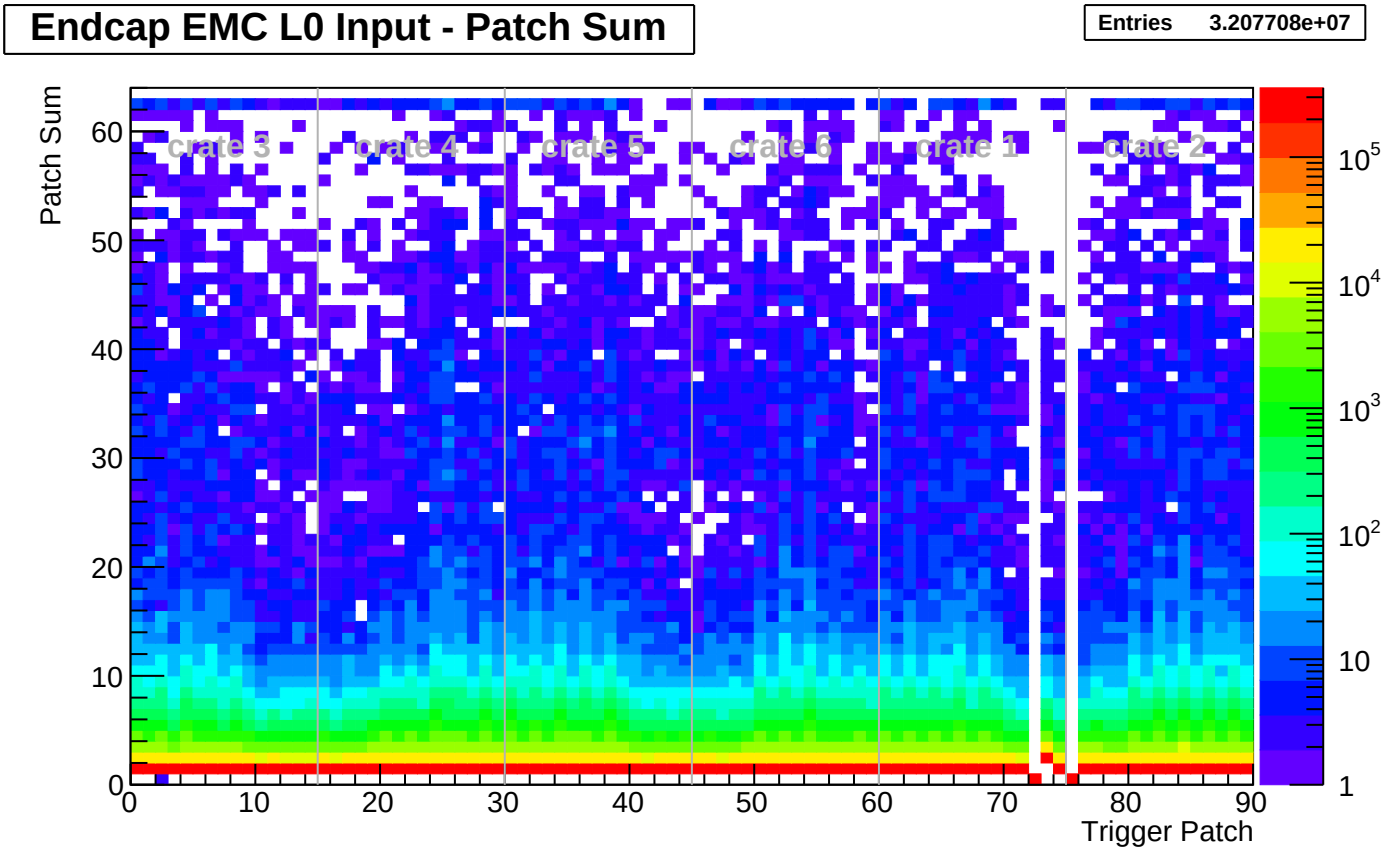
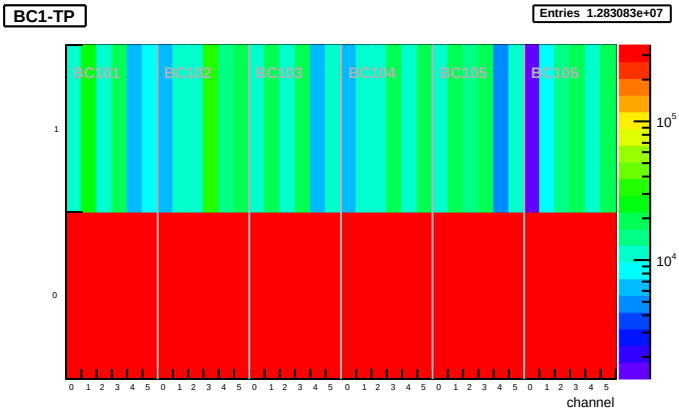
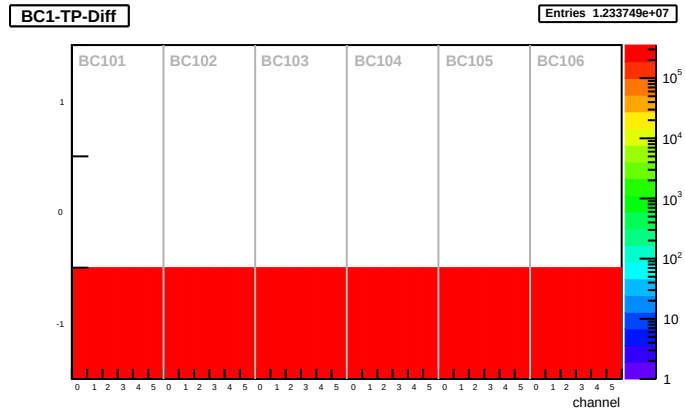

Barrel EMC L0 Input - High Tower
Entries 1.069236e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

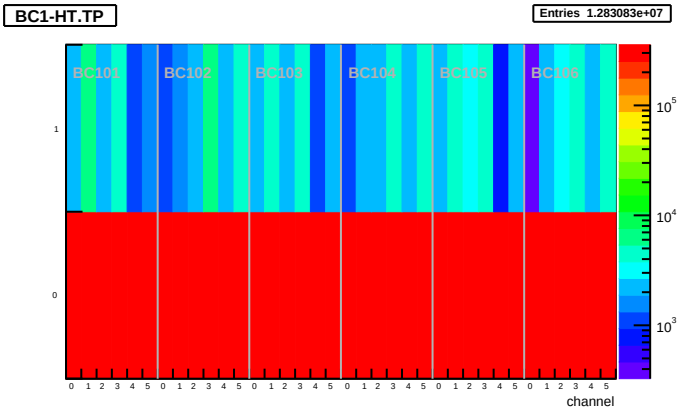

Barrel EMC L0 Input - Patch Sum
Entries 1.069236e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

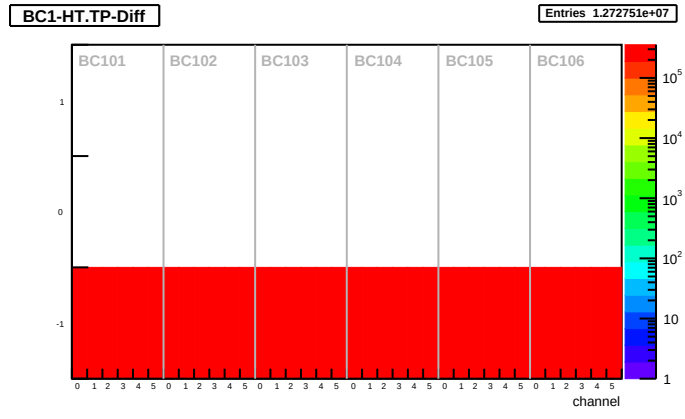

Endcap EMC L0 Input - High Tower
Entries 3.207708e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

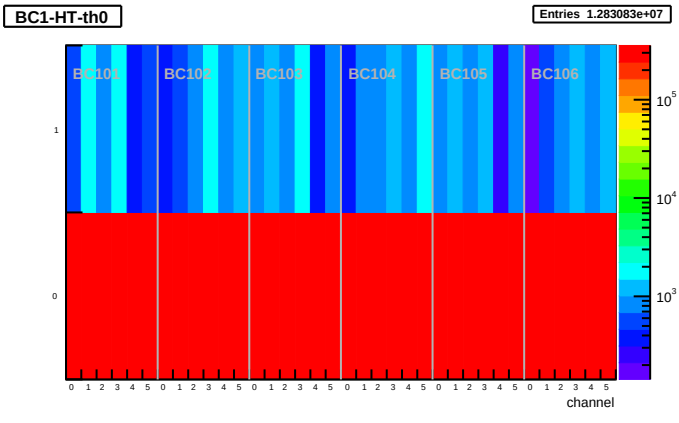

Endcap EMC L0 Input - Patch Sum
Entries 3.207708e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

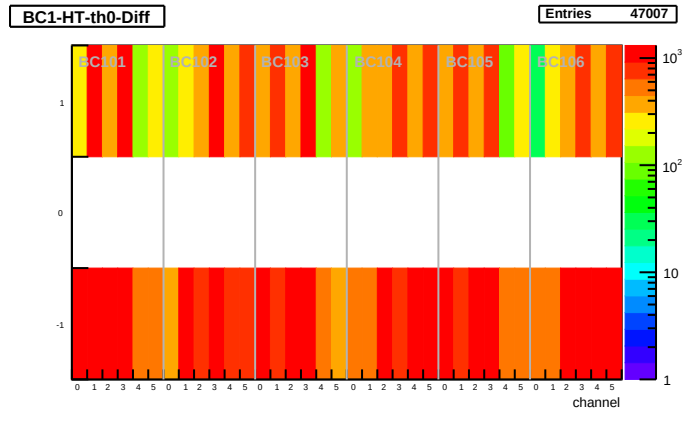

BC1-TP
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

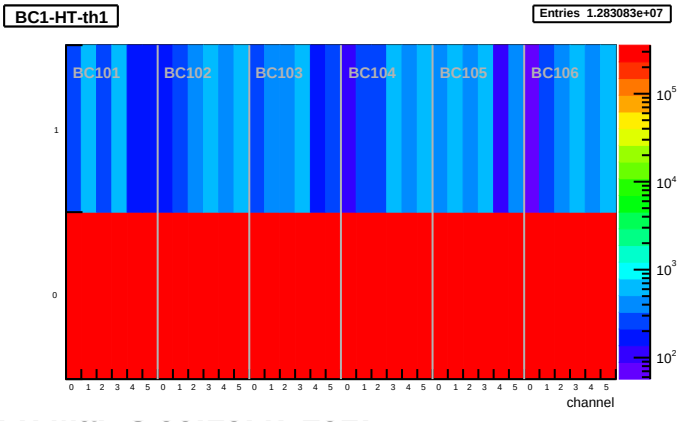

BC1-TP-Diff
Entries 1.233749e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

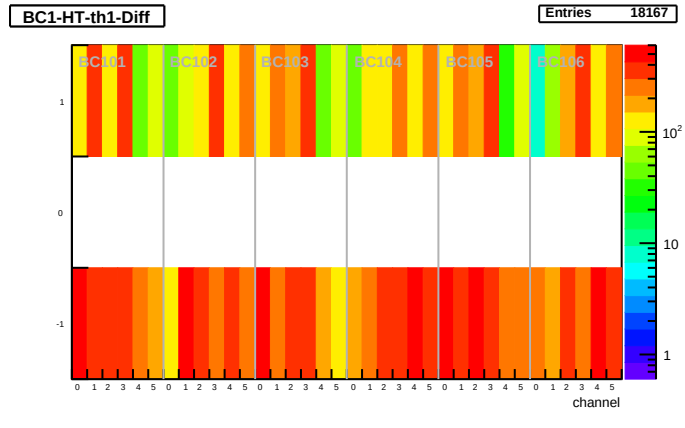

BC1-HT.TP
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

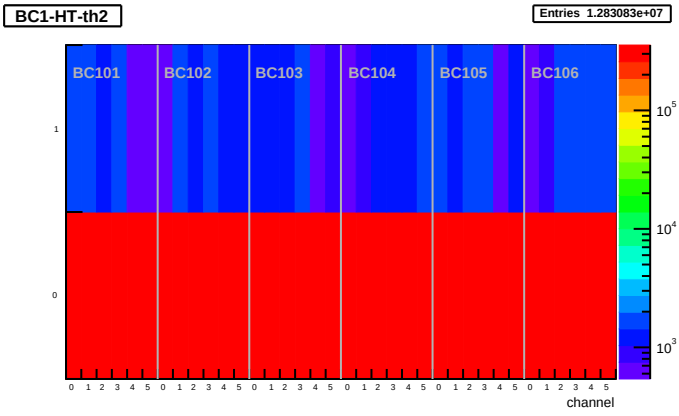

BC1-HT.TP-Diff
Entries 1.272751e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

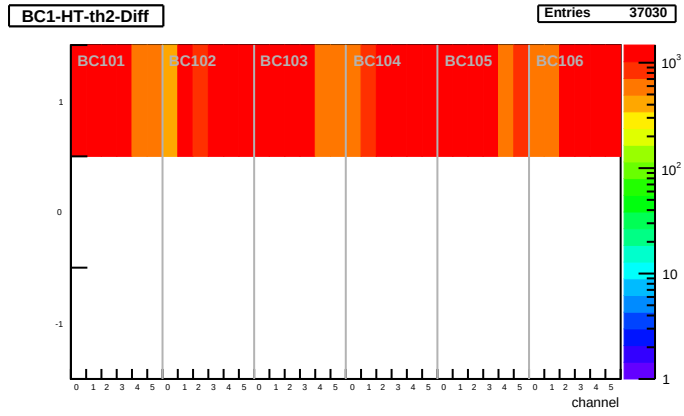

BC1-HT-th0
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

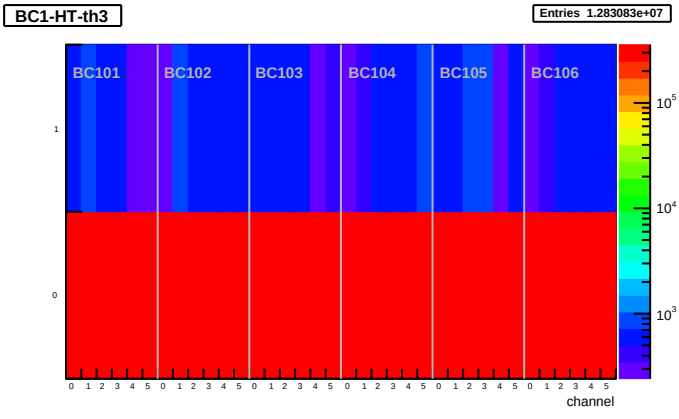

BC1-HT-th0-Diff
Entries 47007
BC101
BC102
BC103
BC104
BC105
BC106
channel

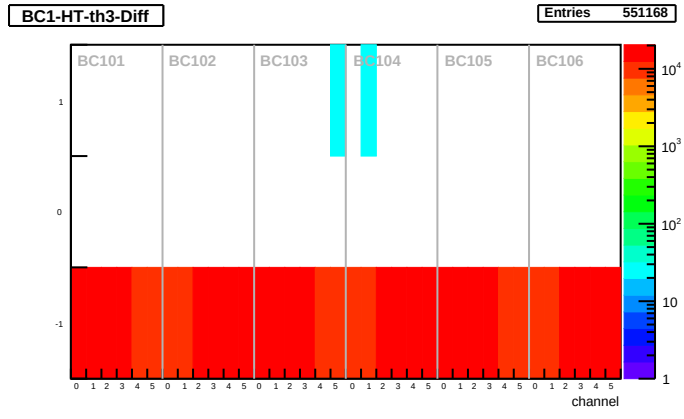

BC1-HT-th1
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

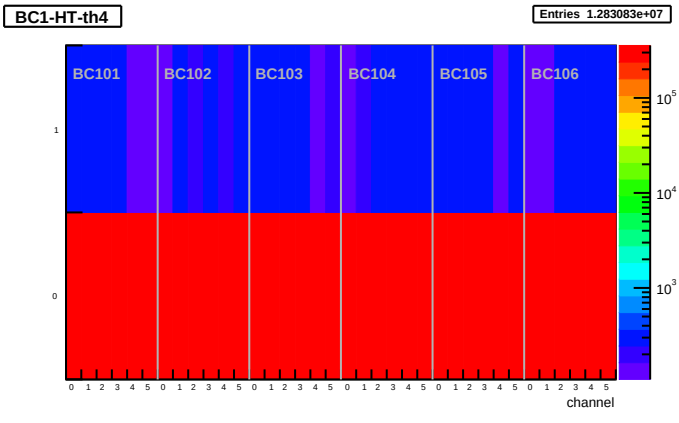

BC1-HT-th1-Diff
Entries 18167
BC101
BC102
BC103
BC104
BC105
BC106
channel

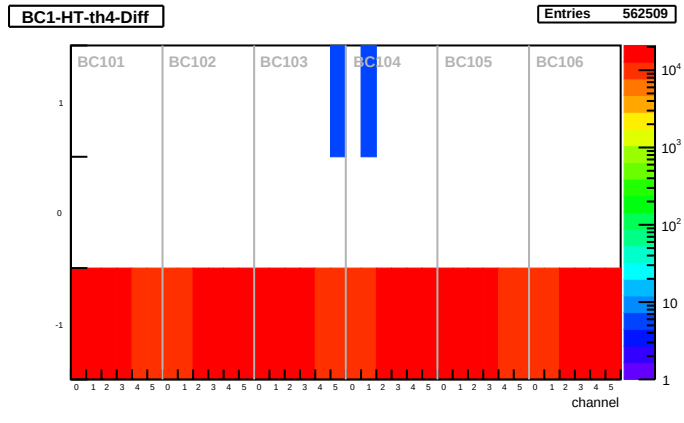

BC1-HT-th2
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

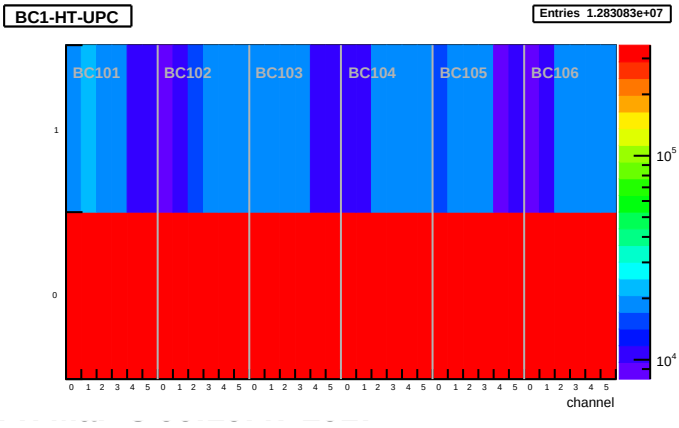

BC1-HT-th2-Diff
Entries 37030
BC101
BC102
BC103
BC104
BC105
BC106
channel

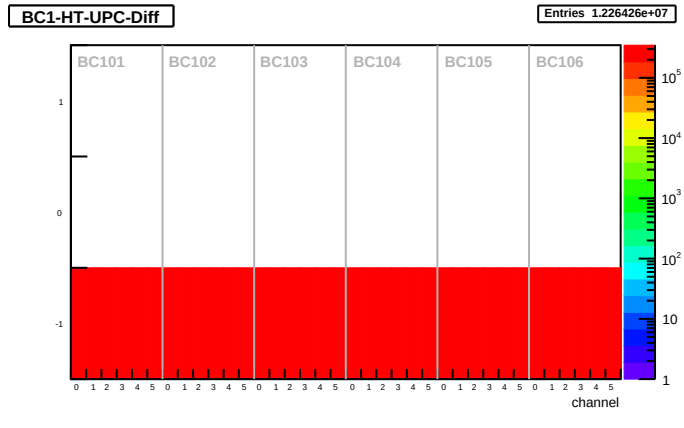

BC1-HT-th3
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

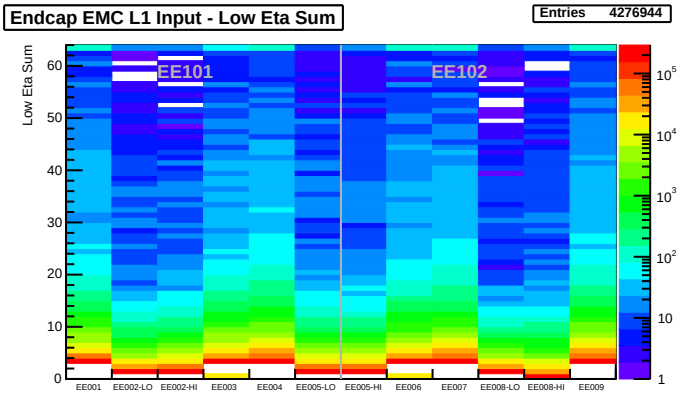

BC1-HT-th3-Diff
Entries 551168
BC101
BC102
BC103
BC104
BC105
BC106
channel

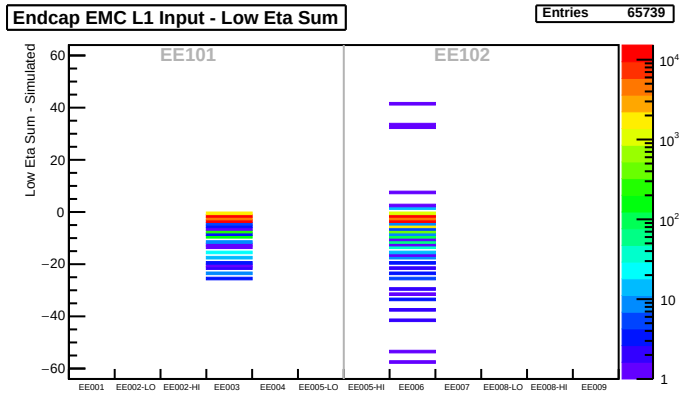

BC1-HT-th4
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

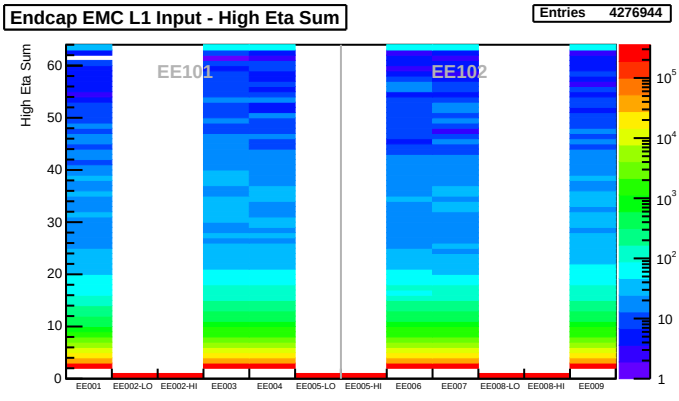

BC1-HT-th4-Diff
Entries 562509
BC101
BC102
BC103
BC104
BC105
BC106
channel

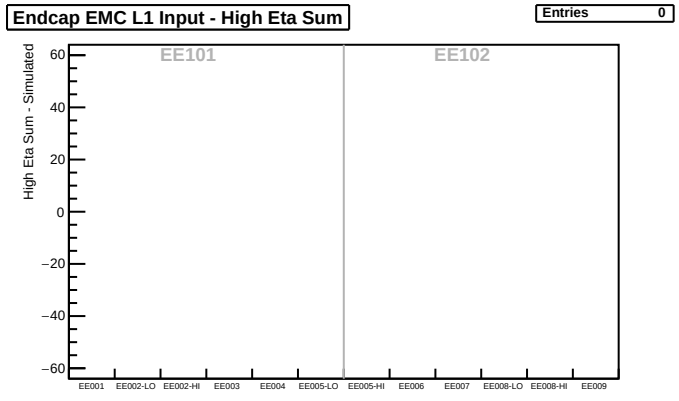

BC1-HT-UPC
Entries 1.283083e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

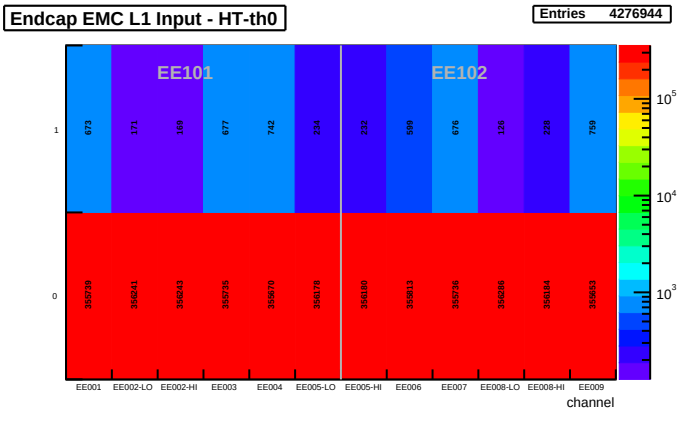

BC1-HT-UPC-Diff
Entries 1.226426e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

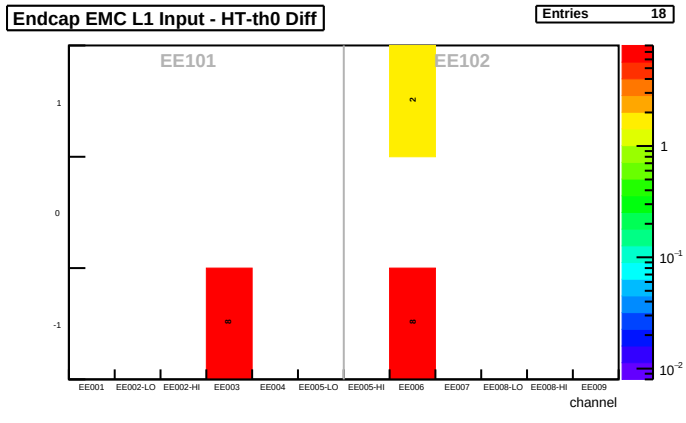

Endcap EMC L1 Input - Low Eta Sum
Entries 4276944
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

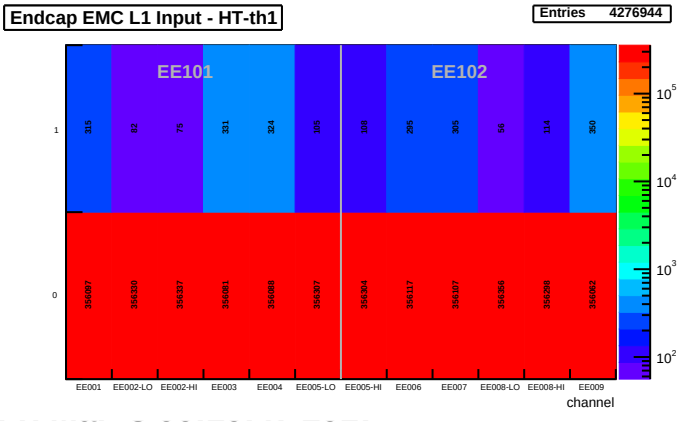

Endcap EMC L1 Input - Low Eta Sum
Entries 65739
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

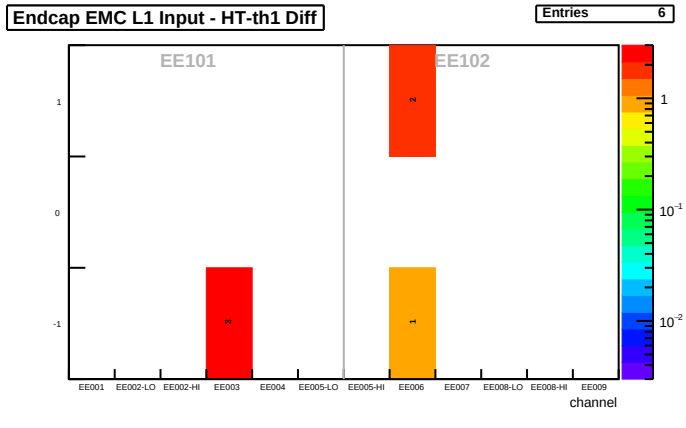

Endcap EMC L1 Input - High Eta Sum
Entries 4276944
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

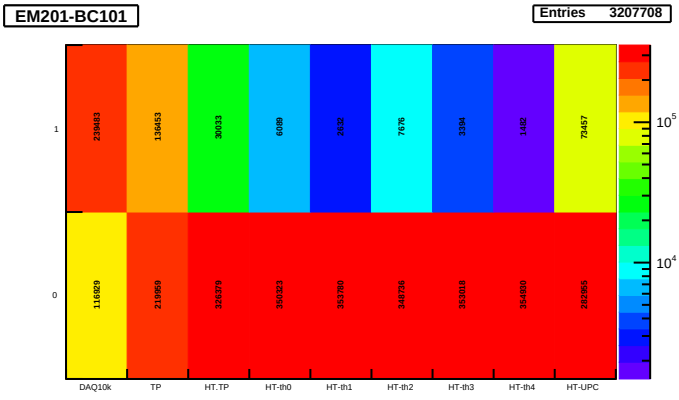

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

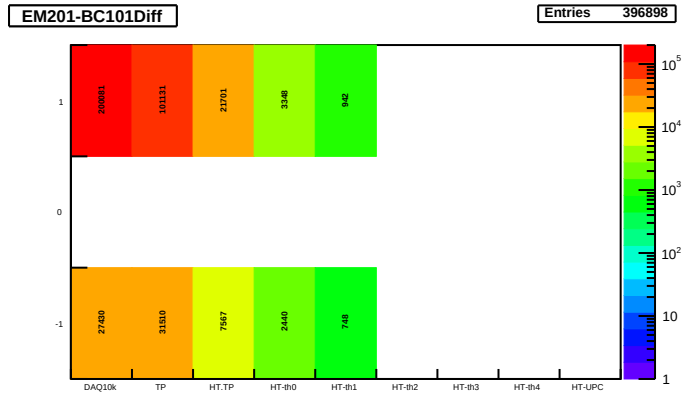

Endcap EMC L1 Input - HT-th0
Entries 4276944
EE101
EE102
673 171 169 677 742 214 232 599 676 126 228 759
355739 355241 355243 355735 355970 356178 356180 355813 355736 356286 356184 355653
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

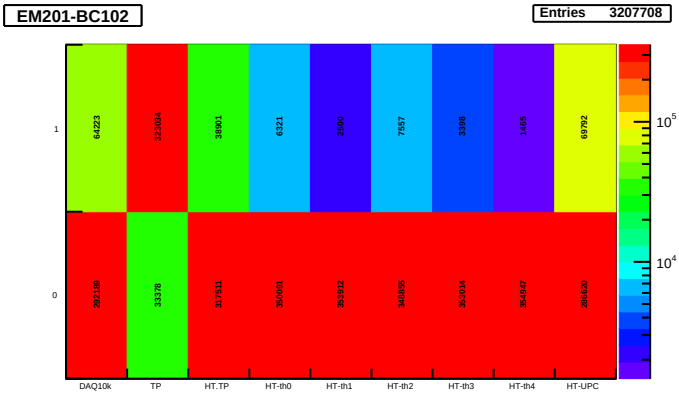

Endcap EMC L1 Input - HT-th0 Diff
Entries 18
EE101
EE102
2
8 8
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

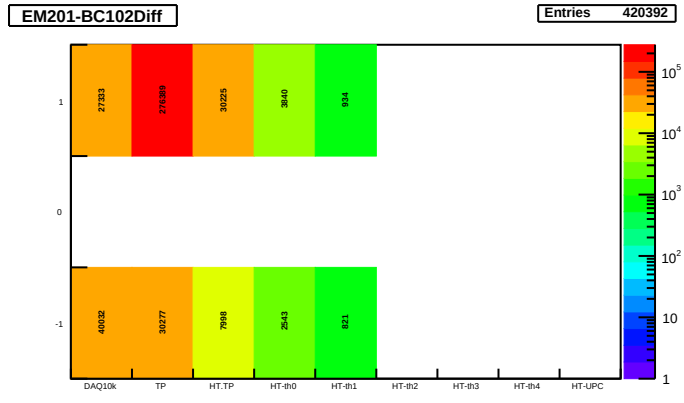

Endcap EMC L1 Input - HT-th1
Entries 4276944
EE101
EE102
315 82 75 331 324 105 108 295 305 56 114 350
356097 356309 356337 356081 356088 356307 356304 356117 356107 356356 356298 356662
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

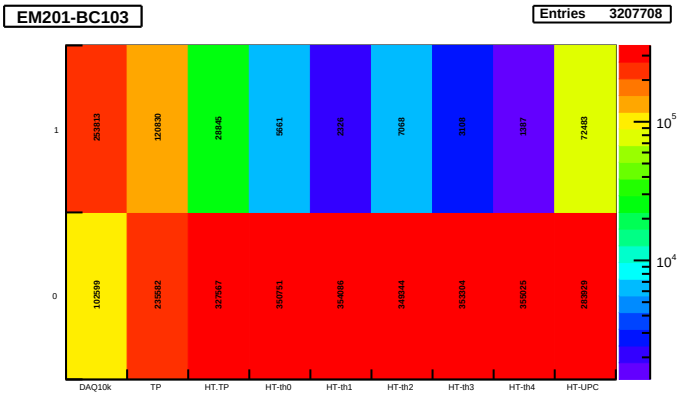

Endcap EMC L1 Input - HT-th1 Diff
Entries 6
EE101
EE102
2
3 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

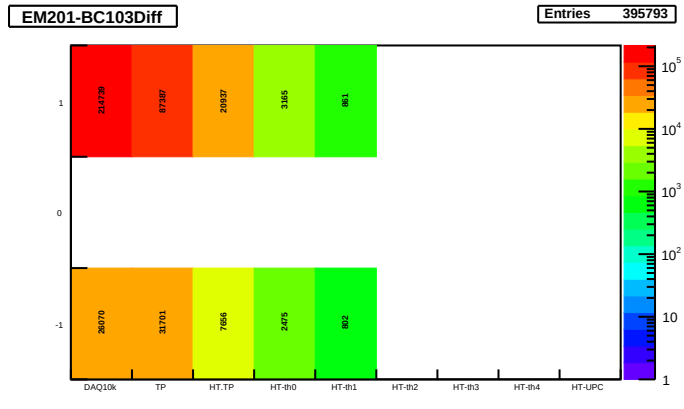

EM201-BC101
Entries 3207708
1
0
239483
136453
30033
6089
2632
7676
3394
1482
73457
116929
219959
326379
350323
353780
348736
353018
354609
282855
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

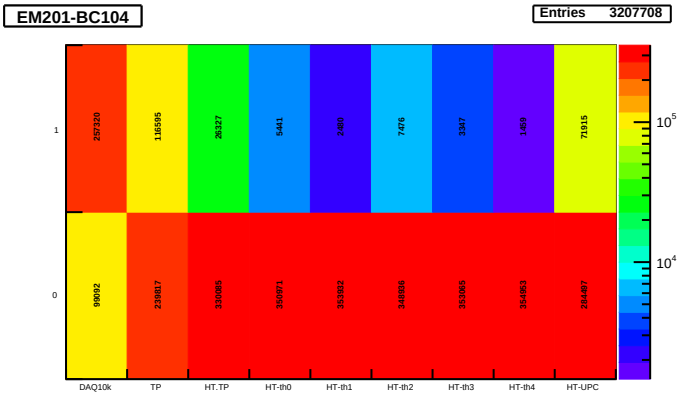

EM201-BC101Diff
Entries 396898
1
0
-1
230081
101131
21701
3348
942
27420
31510
7567
2440
748
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

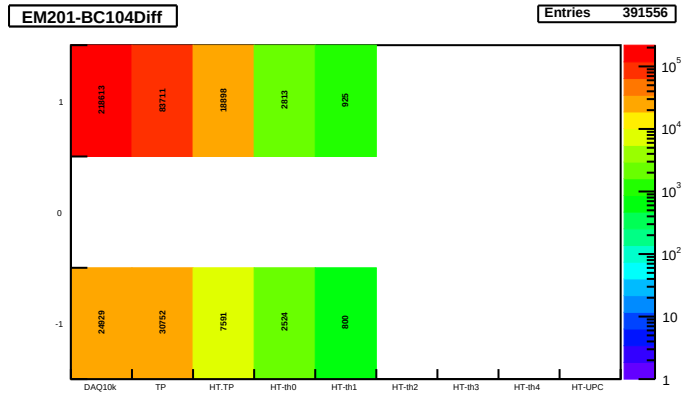

EM201-BC102
Entries 3207708
1
0
64223
322014
38901
6321
2590
7557
3398
1465
69792
292189
33378
317511
350091
353912
348855
353014
354947
286620
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 420392
1
0
-1
27333
276389
30225
3840
934
40032
30277
7998
2543
821
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 3207708
1
0
253813
120830
28945
5661
2226
7068
3106
1337
72483
105399
235582
327567
350751
354086
348144
353304
355025
283329
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

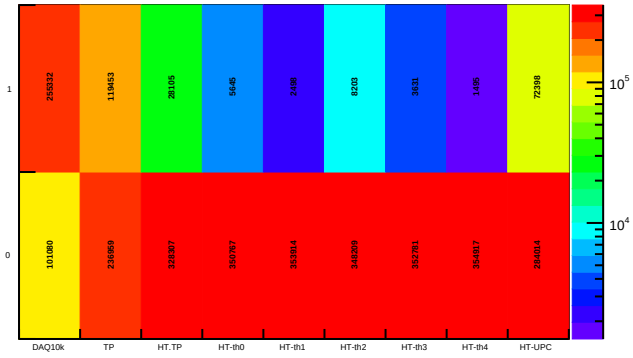

EM201-BC103Diff
Entries 395793
1
0
-1
214739
87387
20937
3165
861
26070
31701
7866
2475
802
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104
Entries 3207708
1
0
257320
116595
26327
5441
2460
7476
3347
1459
71915
99092
239817
320085
350971
353932
348986
353065
354953
284487
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 391556
1
0
-1
218613
83711
18898
2813
925
24829
30752
7581
2534
800
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

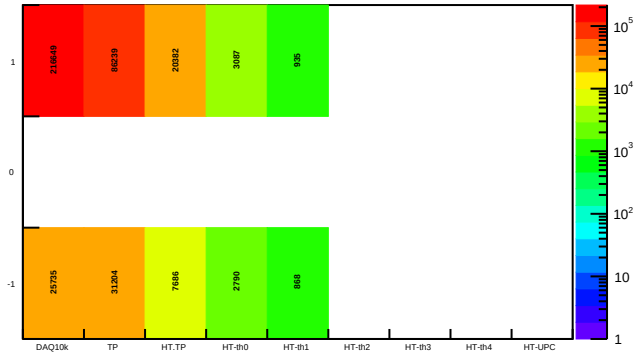
EM201-BC105

Entries 3207708



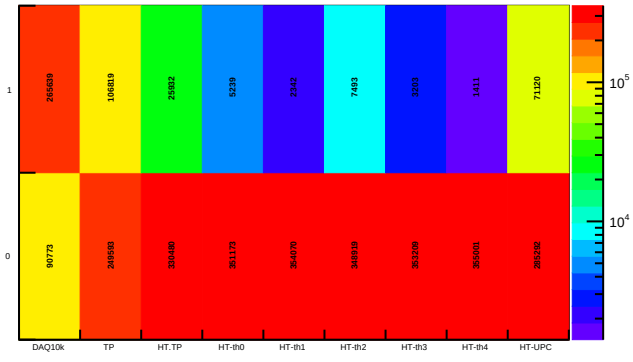
EM201-BC105Diff

Entries 395575



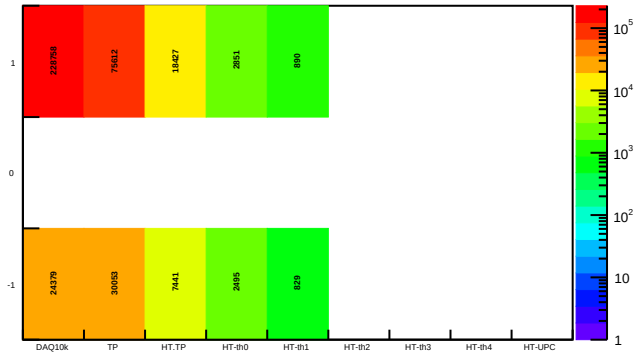
EM201-BC106

Entries 3207708



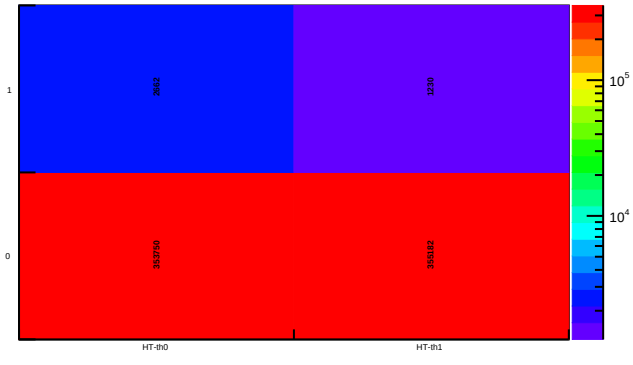
EM201-BC106Diff

Entries 391735



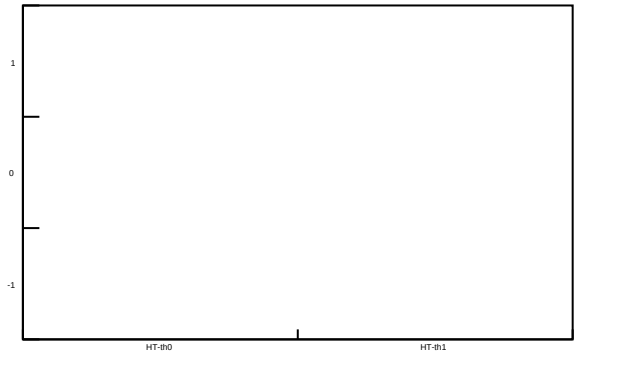
EM201-EE101

Entries 712824



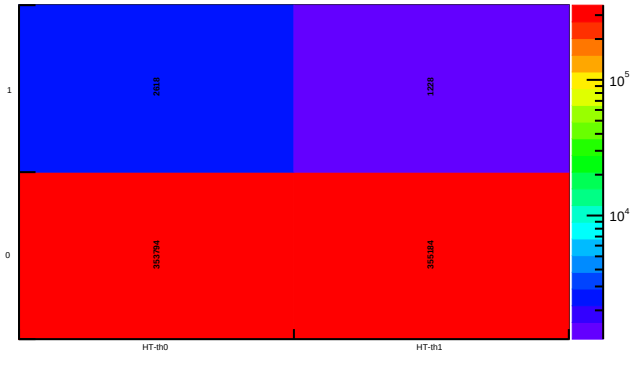
EM201-EE101Diff

Entries 0



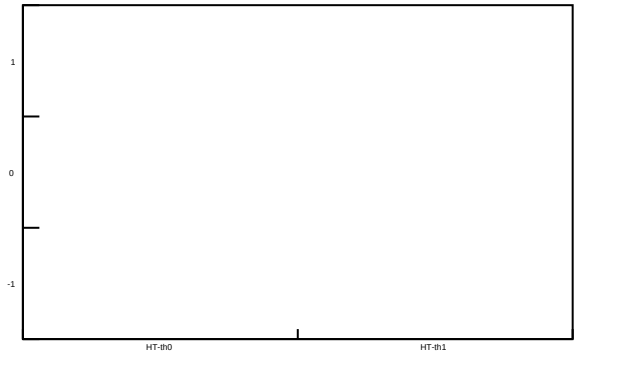
EM201-EE102

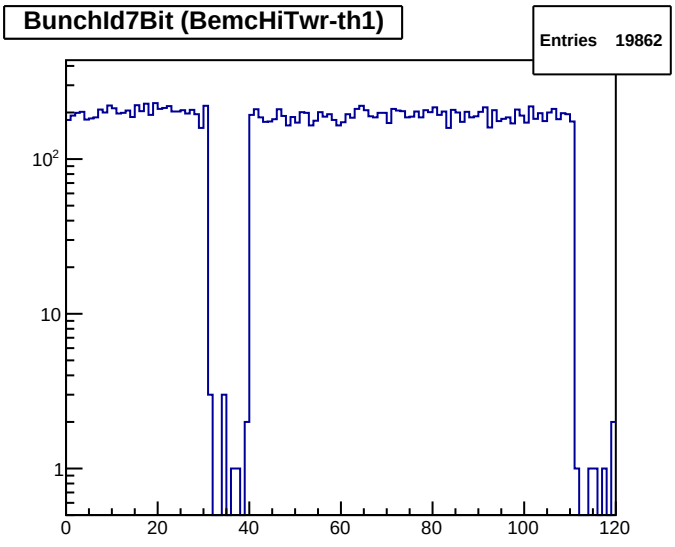
Entries 712824

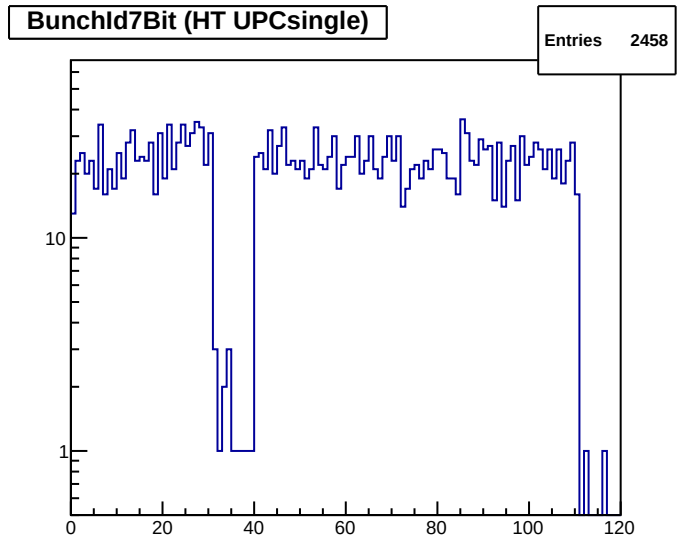


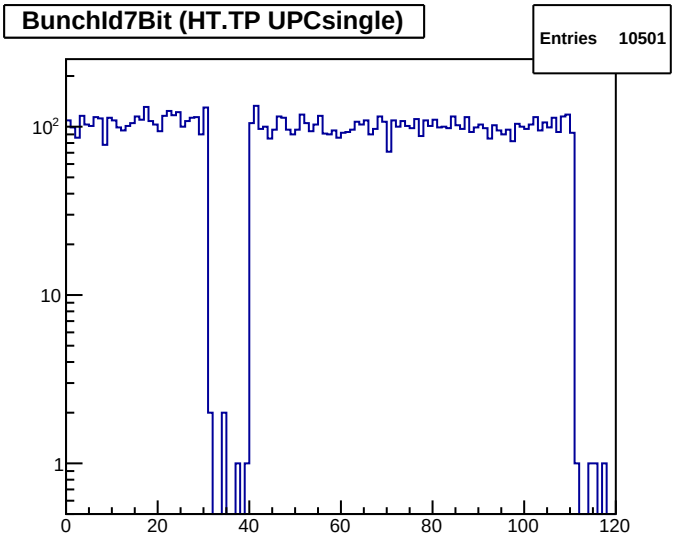
EM201-EE102Diff

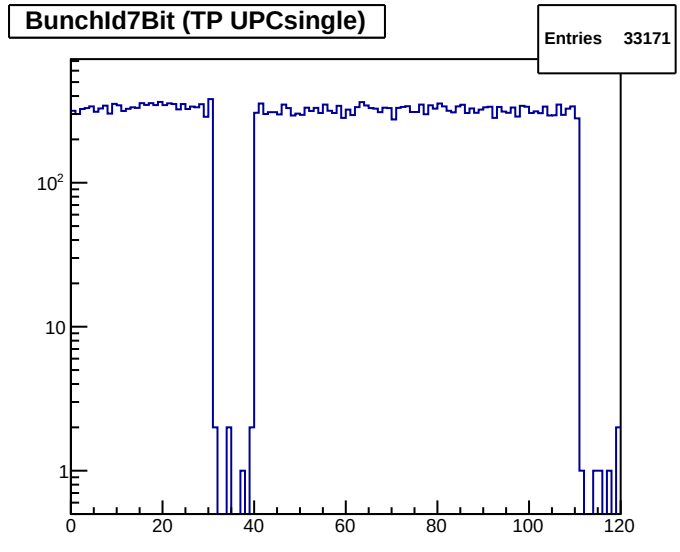
Entries 0

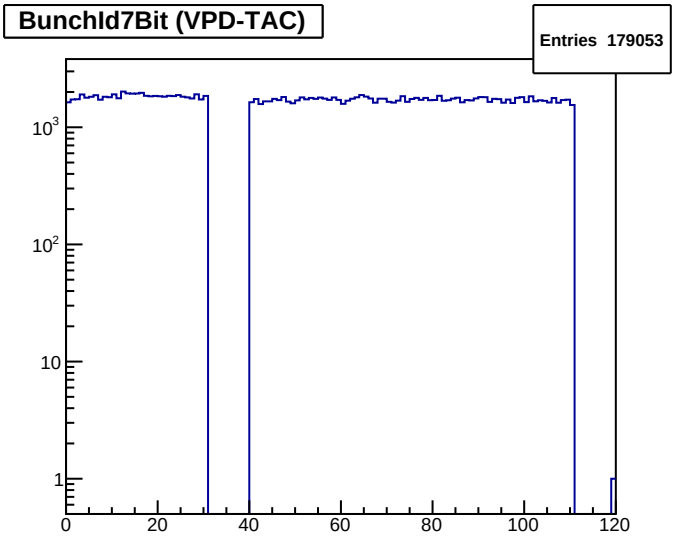


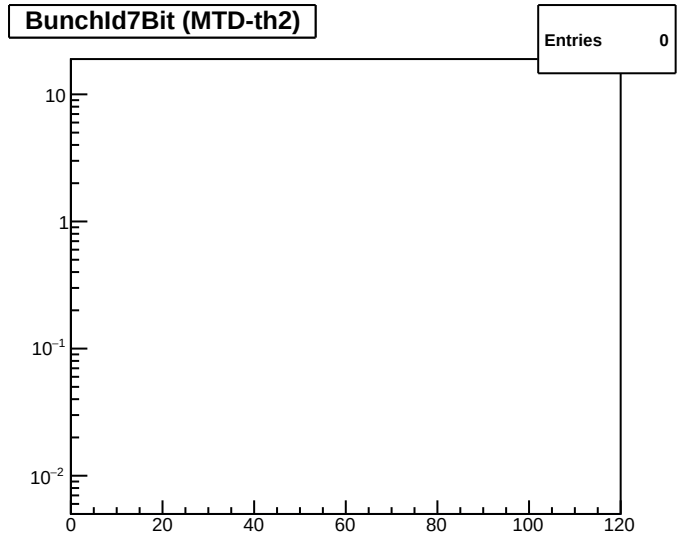

BunchId7Bit (BemcHiTwr-th1)
Entries 19862
10^2
10
1
0
20
40
60
80
100
120

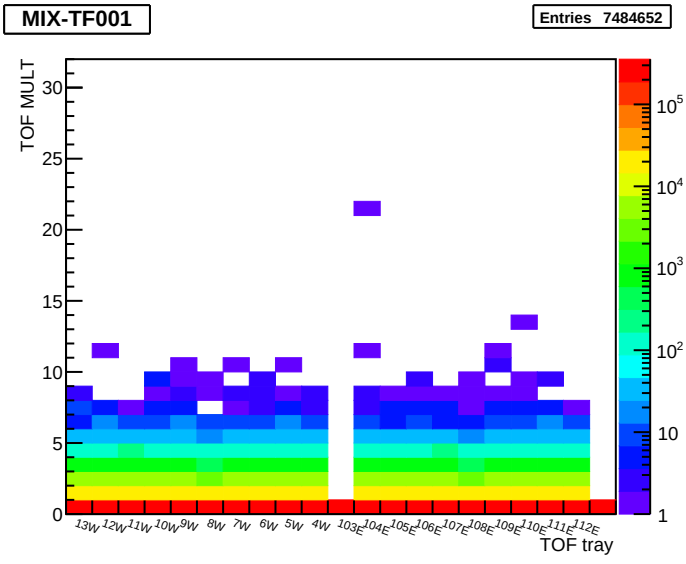

BunchId7Bit (HT UPCsingle)
Entries 2458
10
1
0
20
40
60
80
100
120

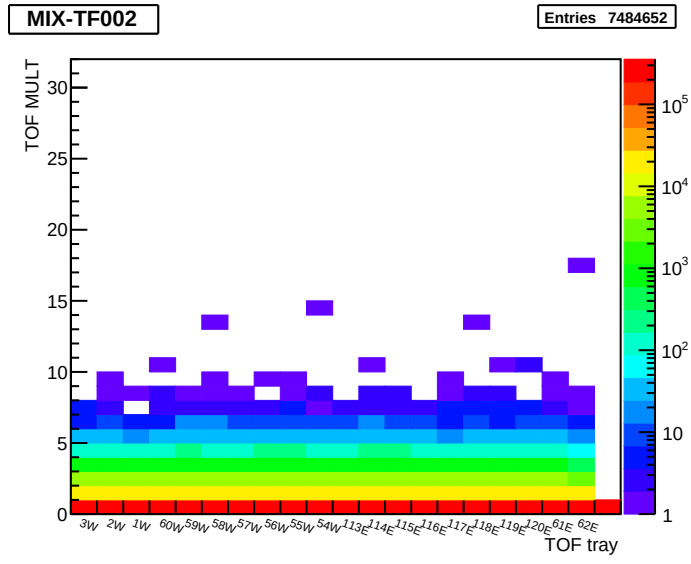

BunchId7Bit (HT.TP UPCsingle)
Entries 10501
10^2
10
1
0
20
40
60
80
100
120

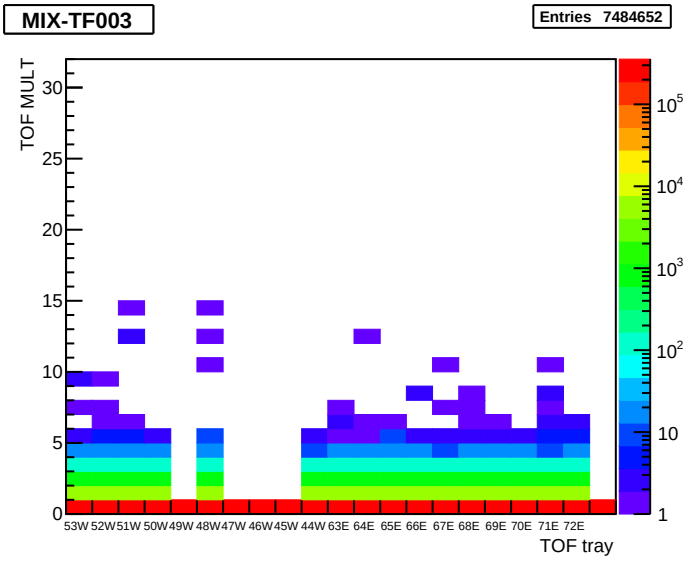

BunchId7Bit (TP UPCsingle)
Entries 33171
10^2
10
1
0
20
40
60
80
100
120

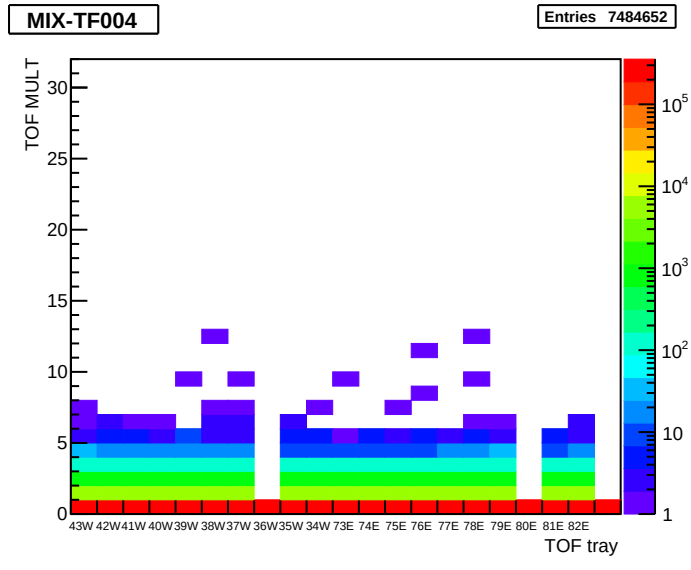

BunchId7Bit (VPD-TAC)
Entries 179053
10^3
10^2
10
1
0
20
40
60
80
100
120

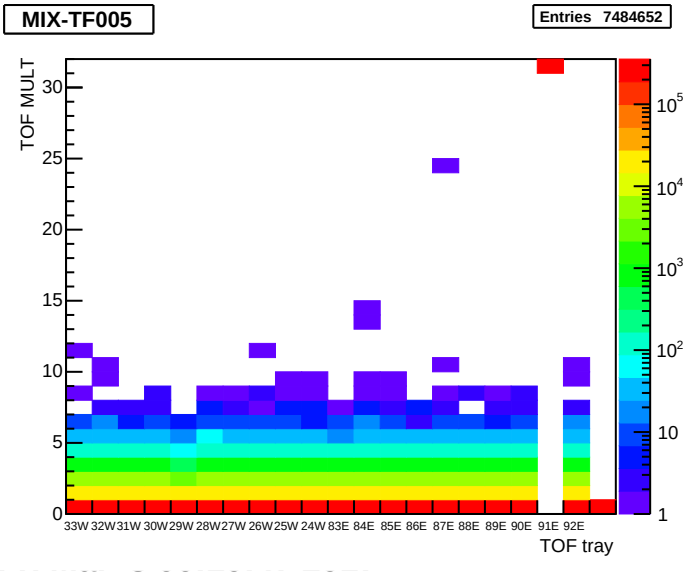

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

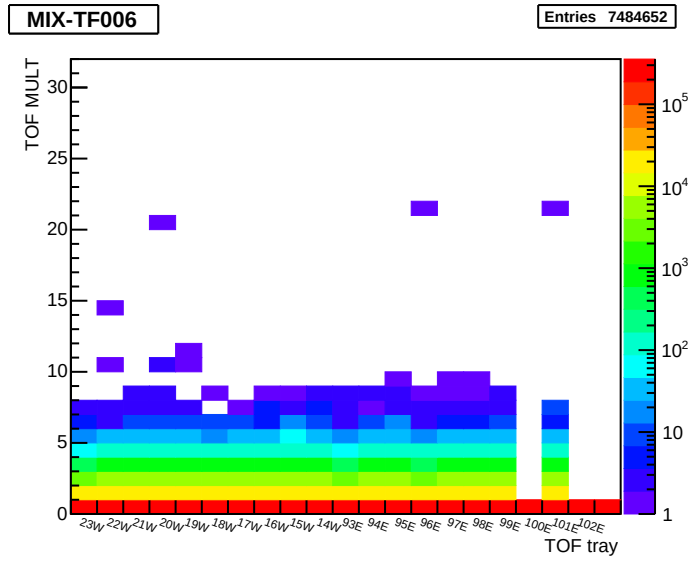

MIX-TF001
Entries 7484652
TOF MULT
TOF tray

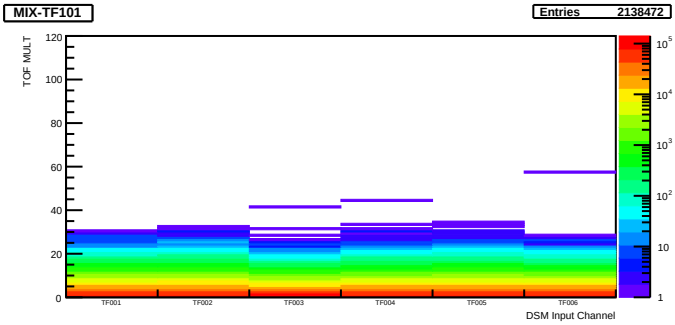

MIX-TF002
Entries 7484652
TOF MULT
TOF tray

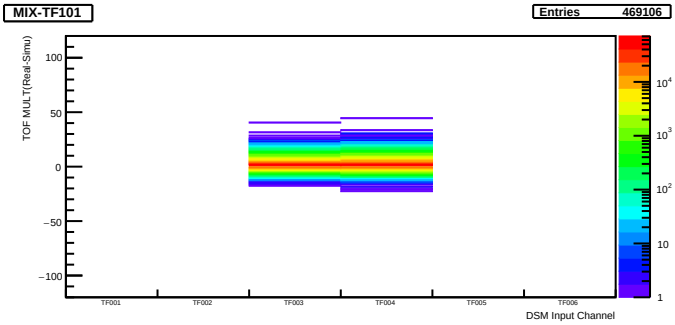

MIX-TF003
Entries 7484652
TOF MULT
TOF tray

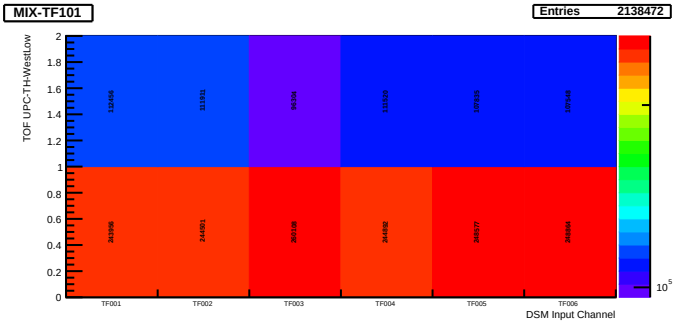

MIX-TF004
Entries 7484652
TOF MULT
TOF tray

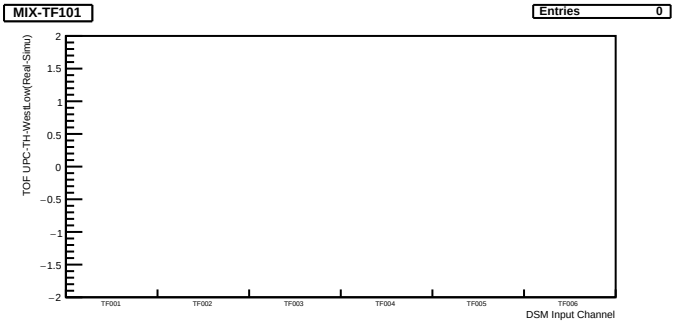

MIX-TF005
Entries 7484652
TOF MULT
TOF tray

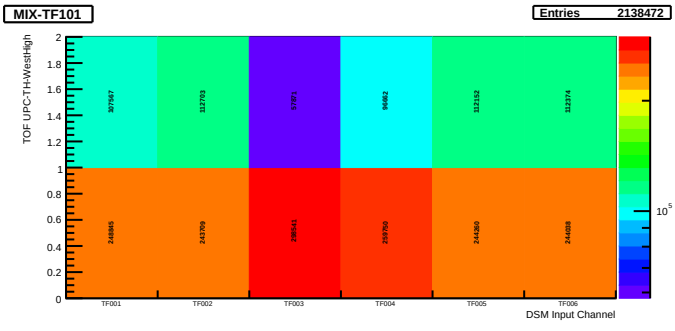

MIX-TF006
Entries 7484652
TOF MULT
TOF tray

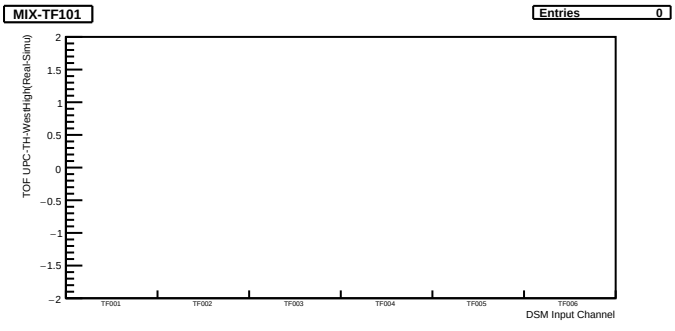

MIX-TF101
Entries 2138472
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

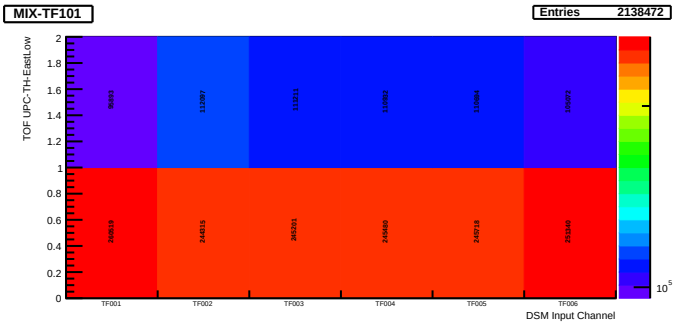

MIX-TF101
Entries 469106
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

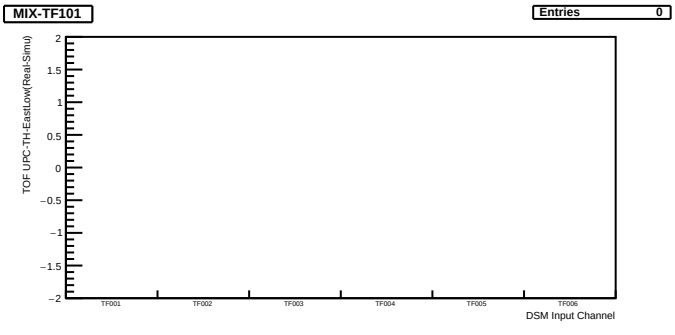

MIX-TF101
Entries 2138472
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

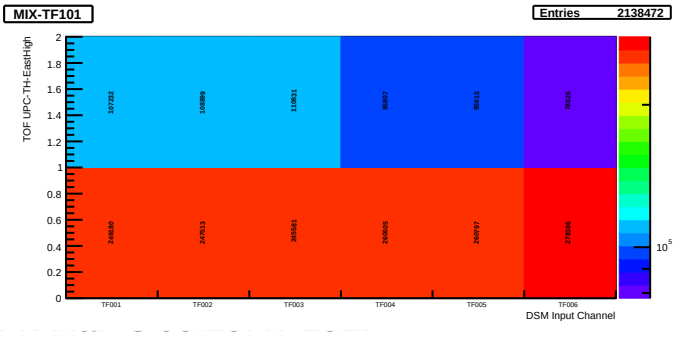

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

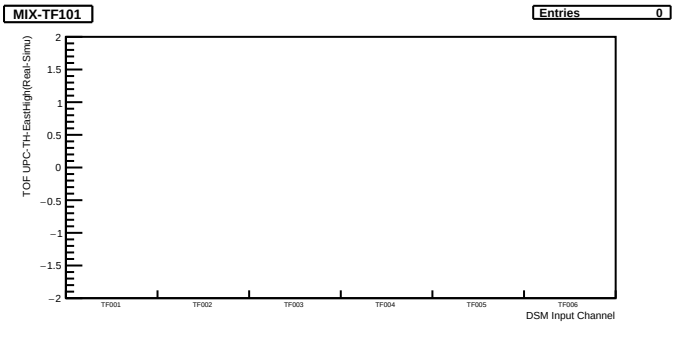

MIX-TF101
Entries 2138472
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

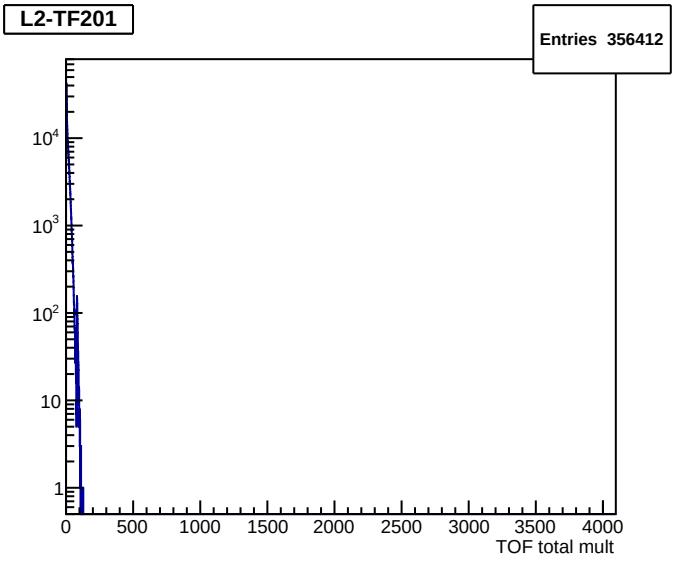

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

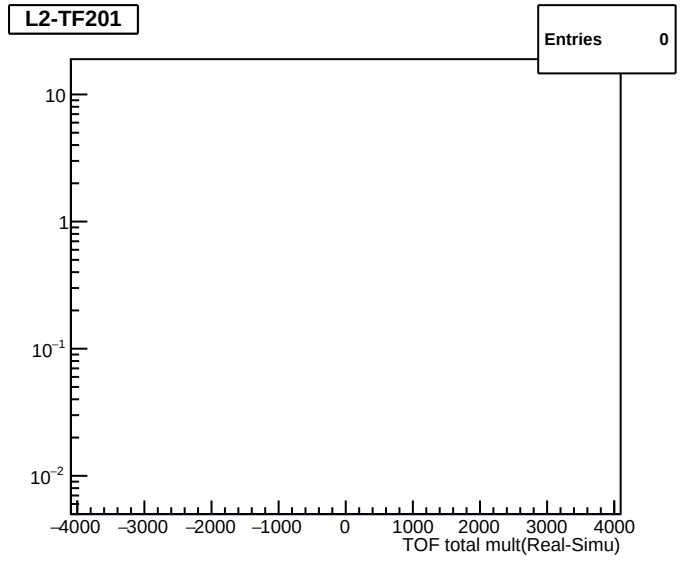

MIX-TF101
Entries 2138472
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

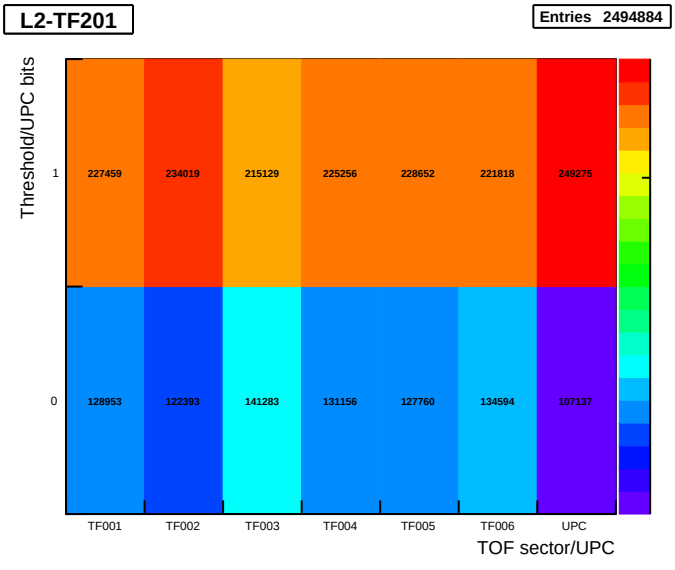

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

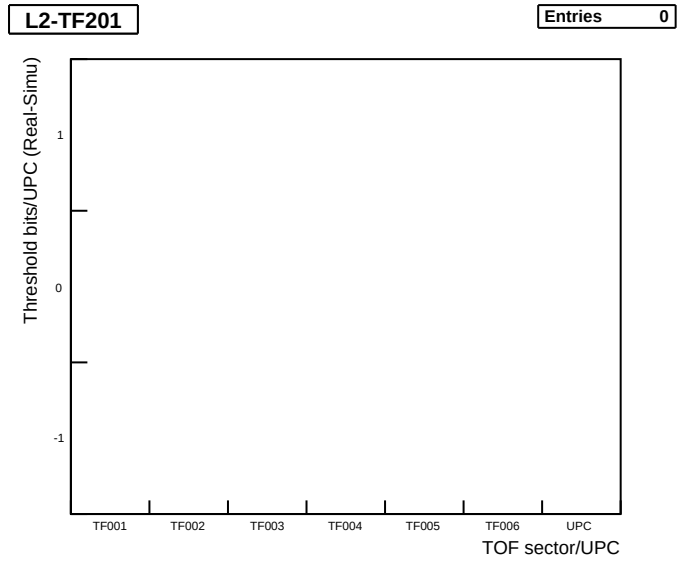

MIX-TF101
Entries 2138472
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

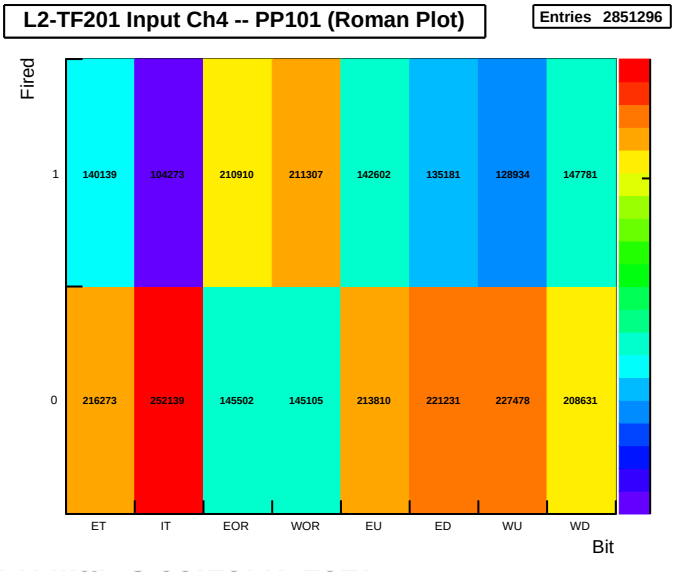

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

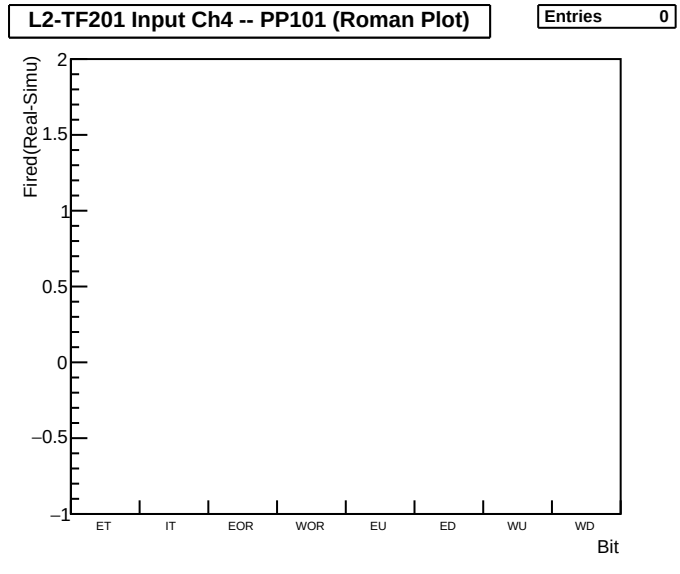

L2-TF201
Entries 356412
TOF total mult

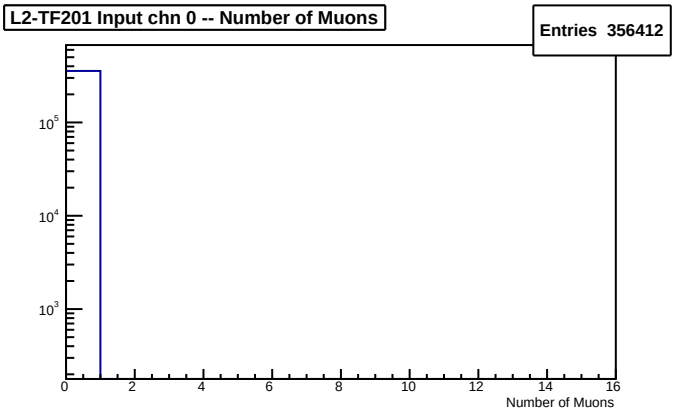

L2-TF201
Entries 0
TOF total mult(Real-Simu)

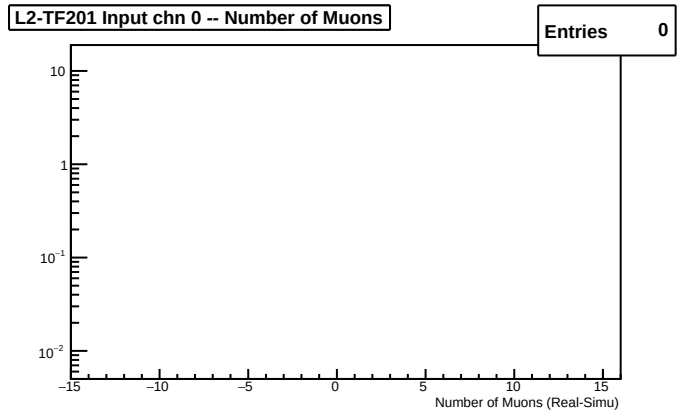

L2-TF201
Entries 2494884
Threshold/UPC bits
227459 234019 215129 225256 228652 221818 249275
128953 122393 141283 131156 127760 134594 107137
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

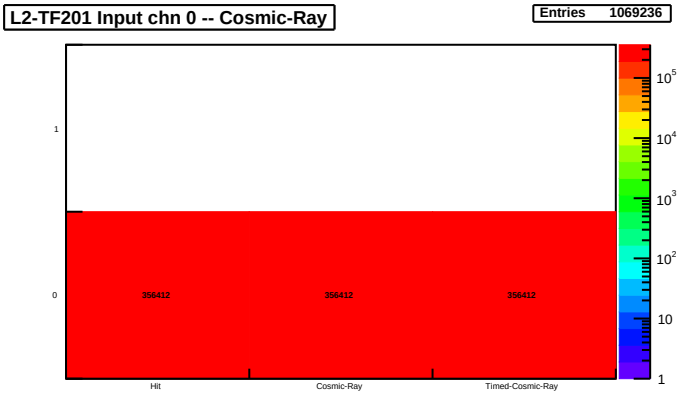

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

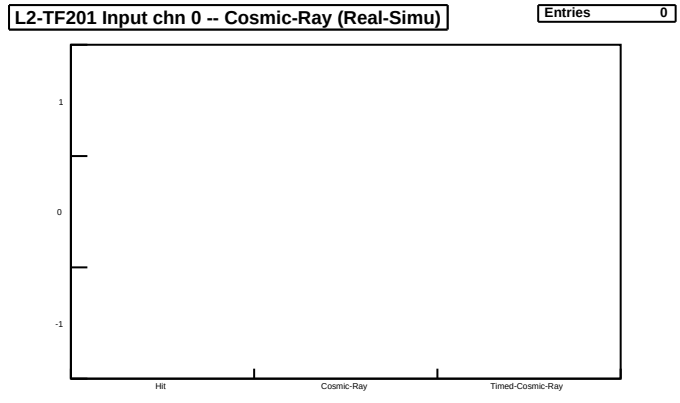

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2851296
Fired
140139 104273 210910 211307 142602 135181 128934 147781
216273 252139 145502 145105 213810 221231 227478 208631
ET IT EOR WOR EU ED WU WD
Bit

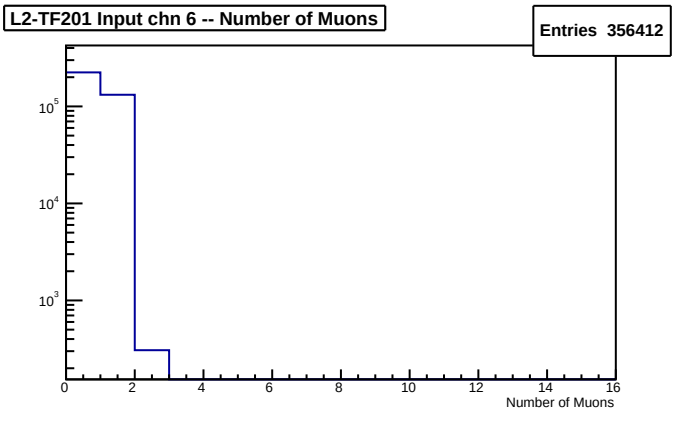

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

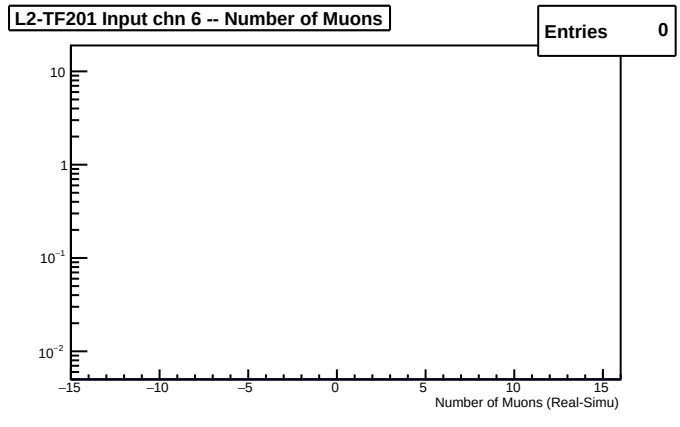

L2-TF201 Input chn 0 -- Number of Muons
Entries 356412
Number of Muons

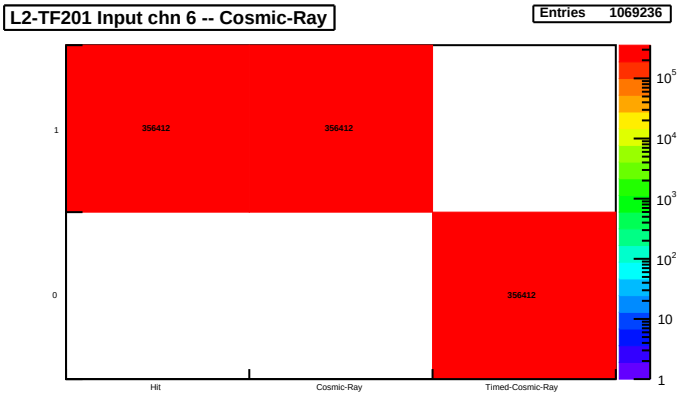

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

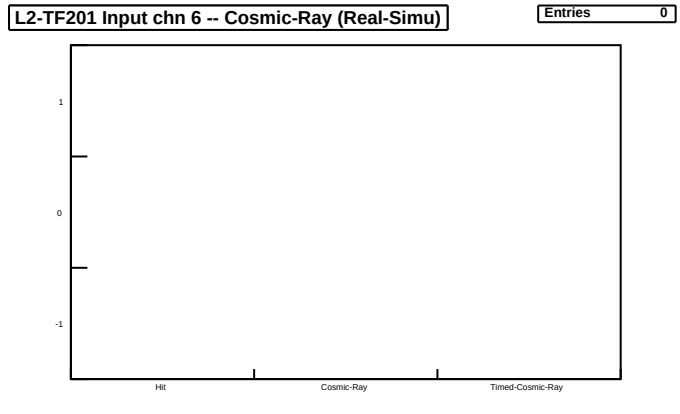

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1069236
356412
356412
356412
Hit
Cosmic-Ray
Timed-Cosmic-Ray

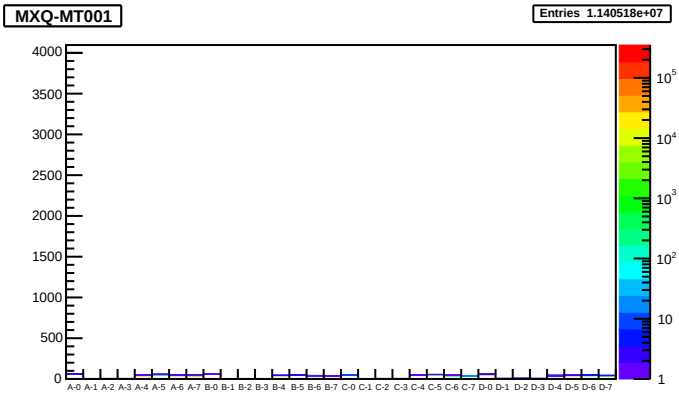

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

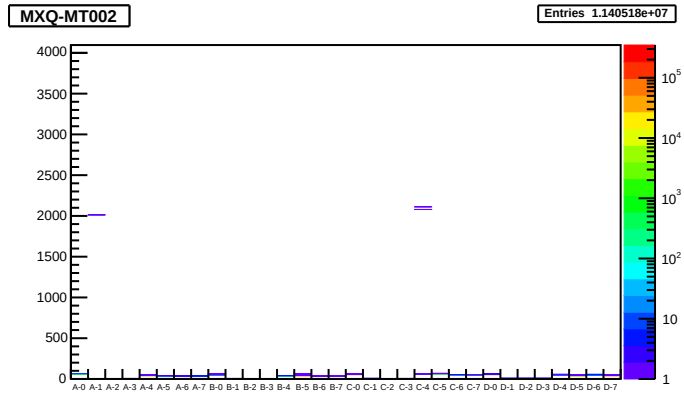

L2-TF201 Input chn 6 -- Number of Muons
Entries 356412
Number of Muons

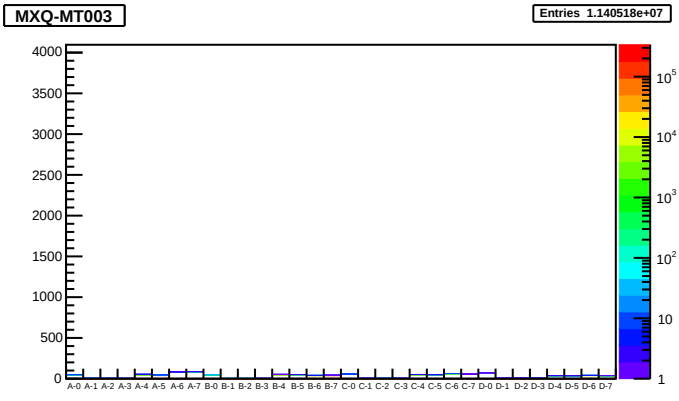

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

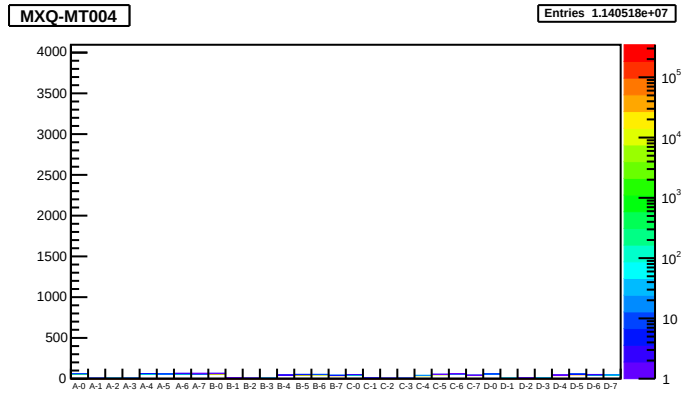

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1069236
356412
356412
356412
Hit
Cosmic-Ray
Timed-Cosmic-Ray

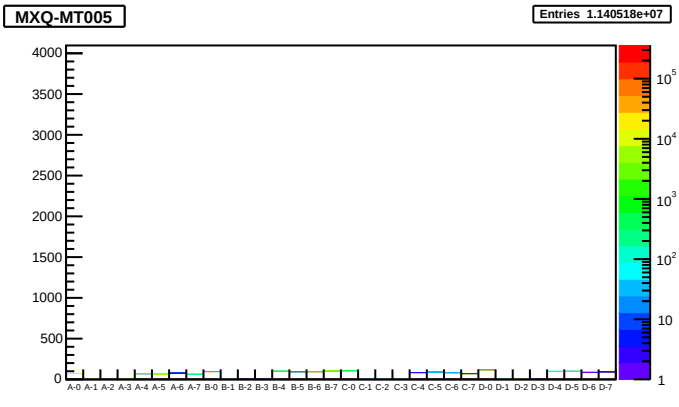

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

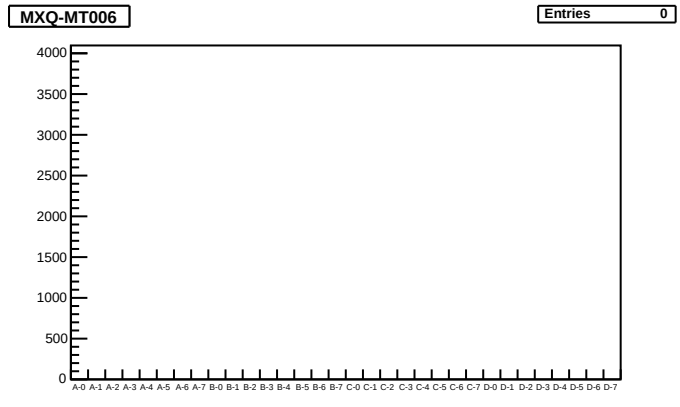

MXQ-MT001
Entries 1.140518e+07

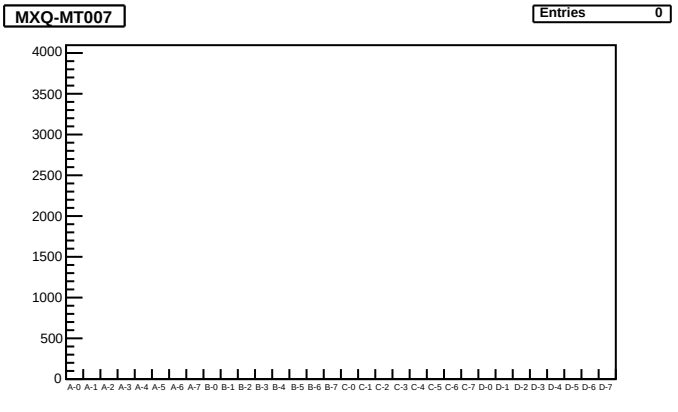

MXQ-MT002
Entries 1.140518e+07

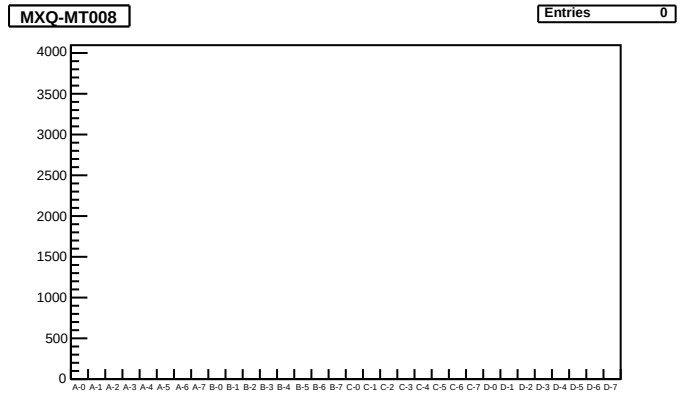

MXQ-MT003
Entries 1.140518e+07

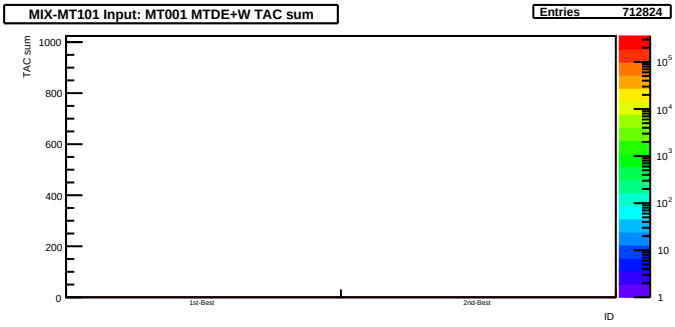

MXQ-MT004
Entries 1.140518e+07

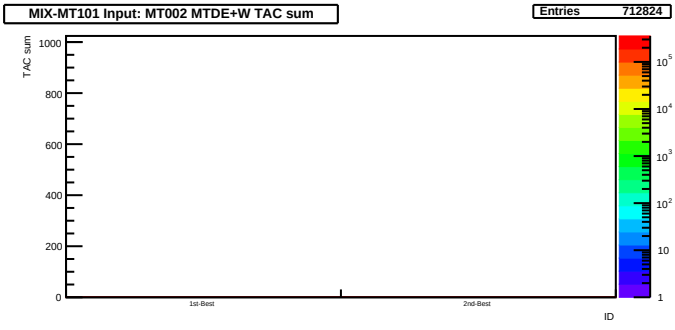

MXQ-MT005
Entries 1.140518e+07

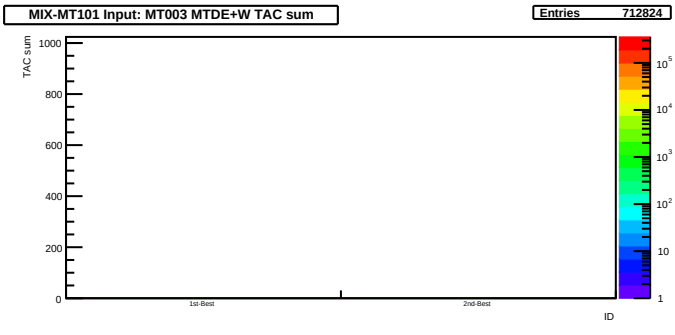

MXQ-MT006
Entries 0

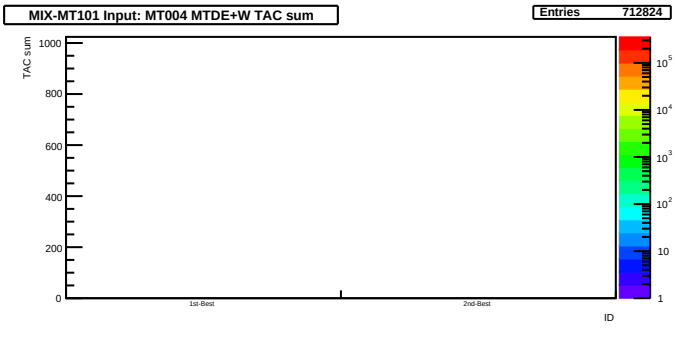

MXQ-MT007
Entries 0

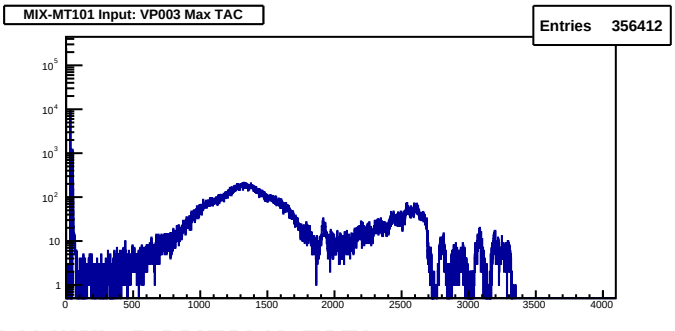

MXQ-MT008
Entries 0

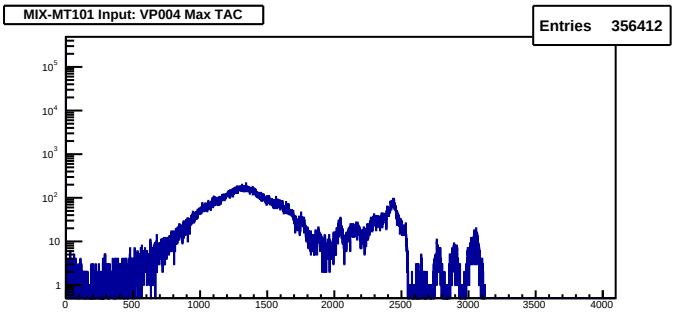

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

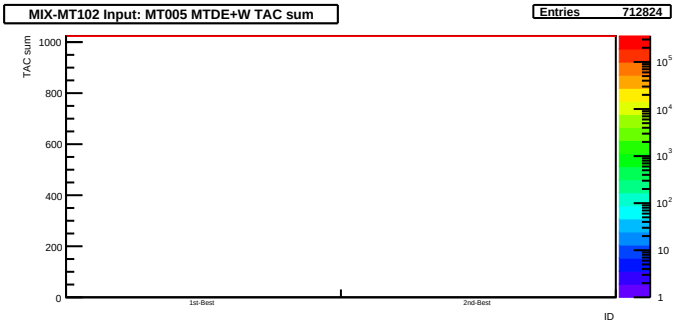

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

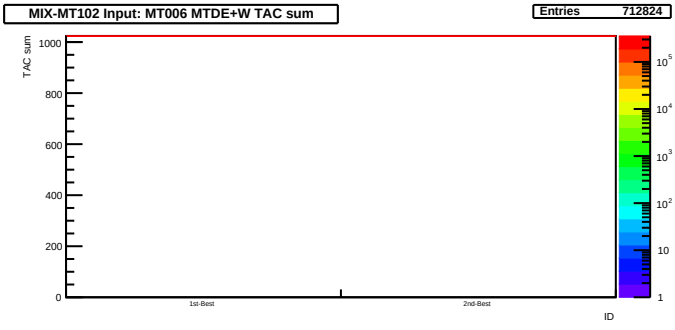

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

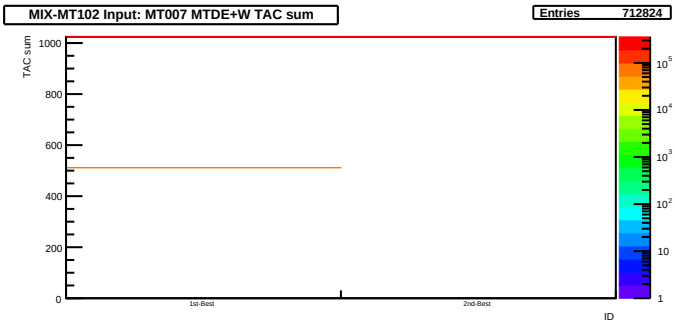

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

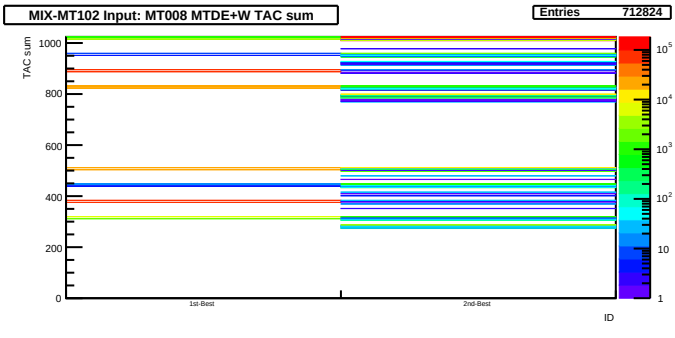

MIX-MT101 Input: VP003 Max TAC
Entries 356412

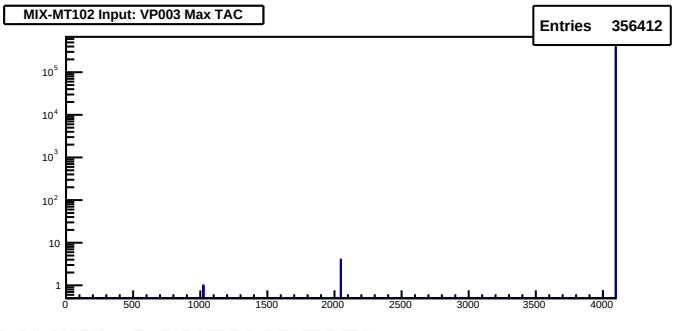

MIX-MT101 Input: VP004 Max TAC
Entries 356412

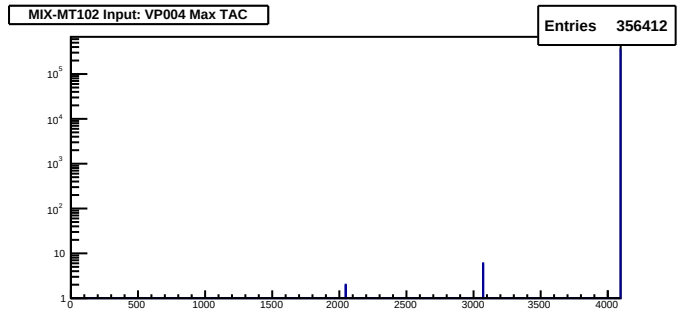

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

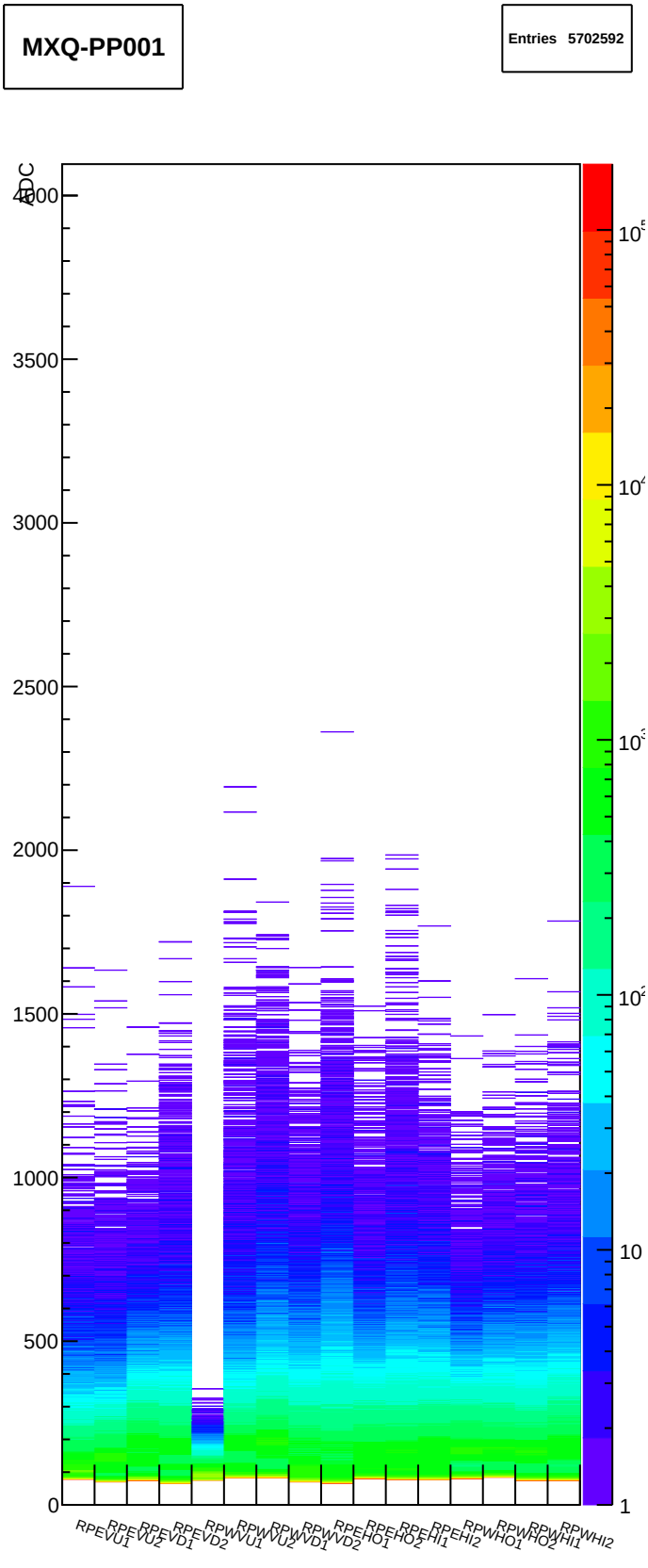

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

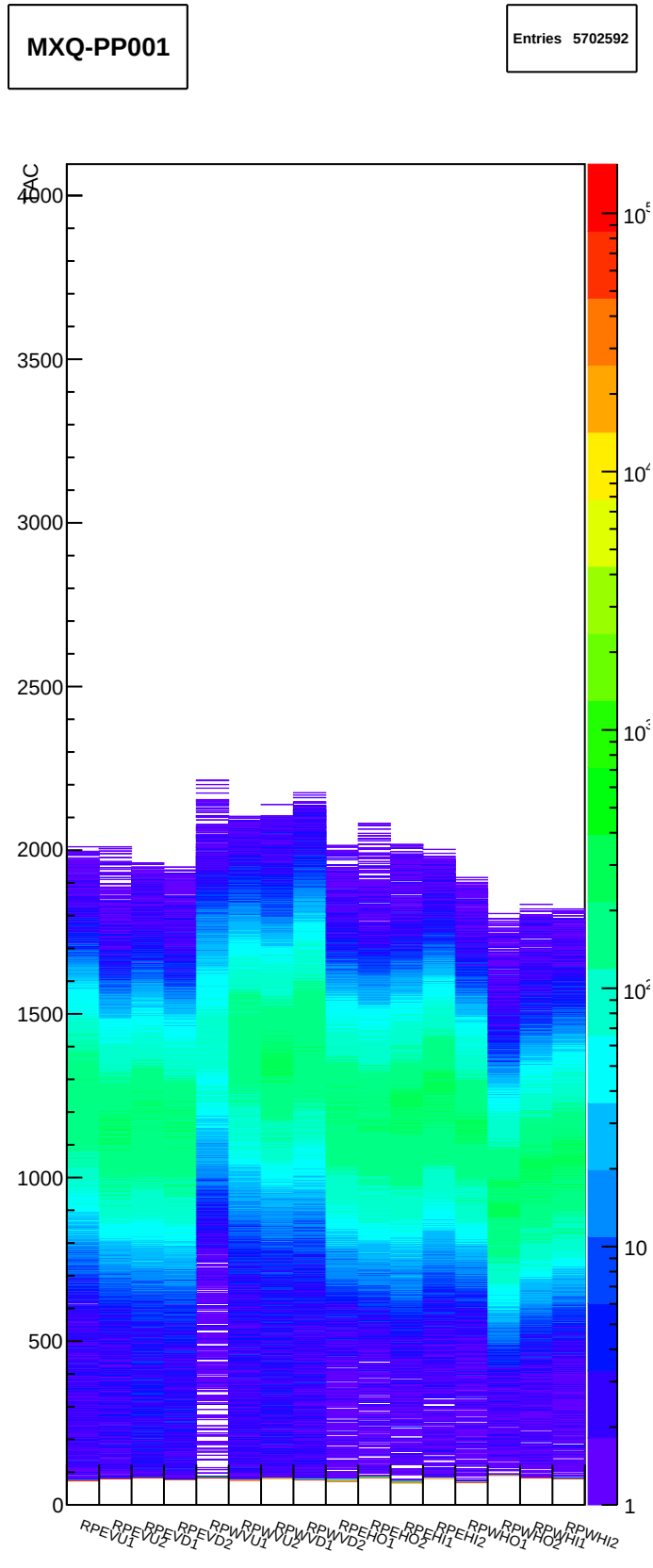

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

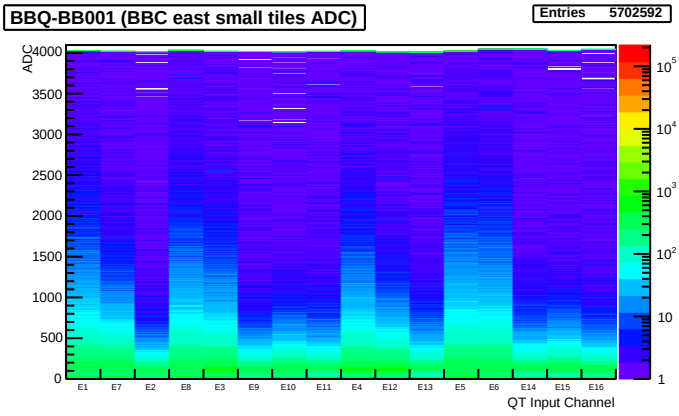

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 712824
TAC sum
1st-Best
2nd-Best
ID

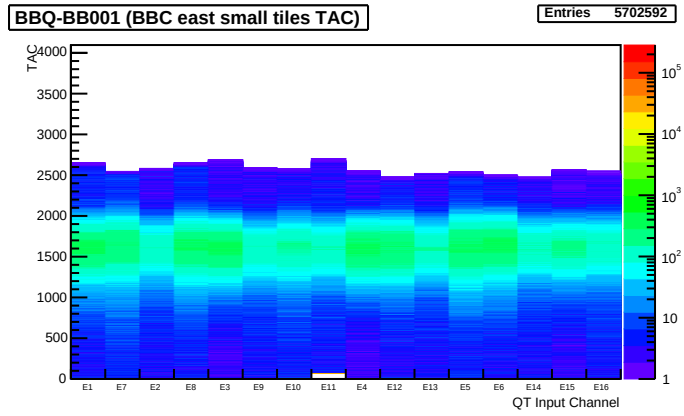

MIX-MT102 Input: VP003 Max TAC
Entries 356412

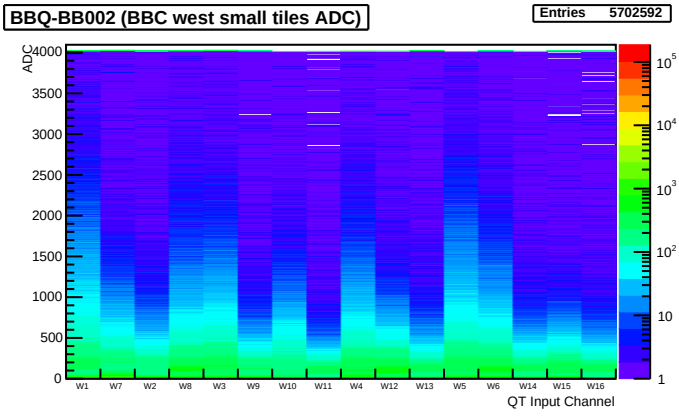

MIX-MT102 Input: VP004 Max TAC
Entries 356412

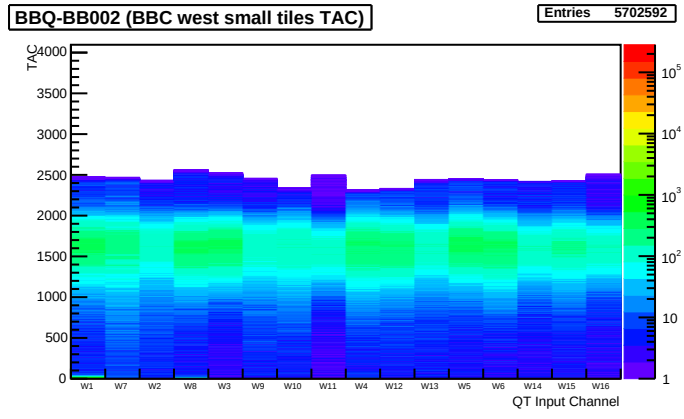

MXQ-PP001
Entries 5702592
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

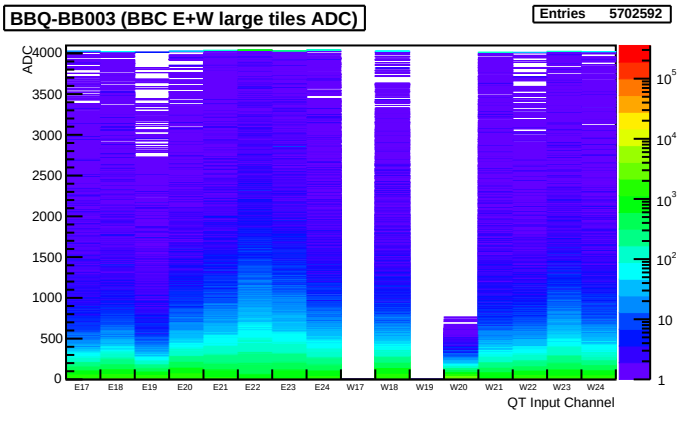

MXQ-PP001
Entries 5702592
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

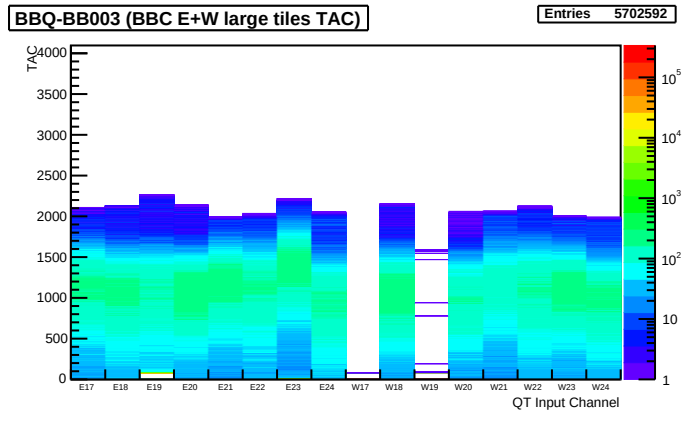

BBQ-BB001 (BBC east small tiles ADC)
Entries 5702592
ADC
QT Input Channel

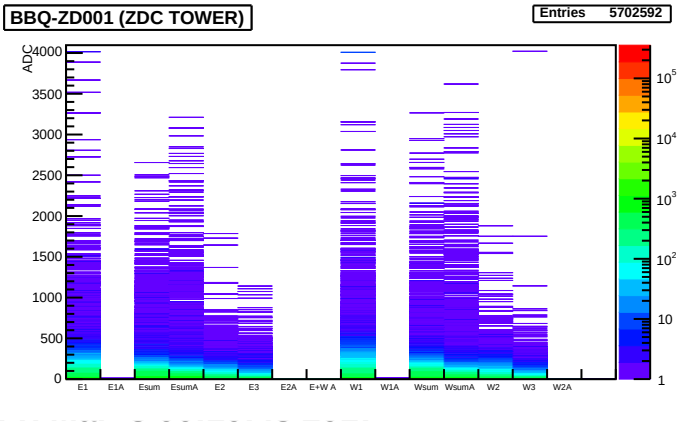

BBQ-BB001 (BBC east small tiles TAC)
Entries 5702592
TAC
QT Input Channel

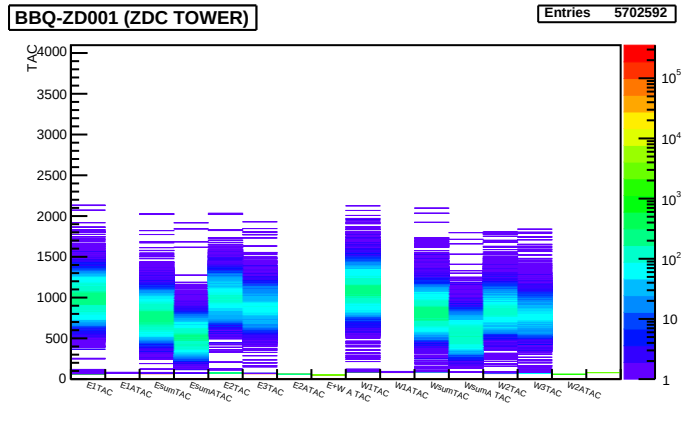

BBQ-BB002 (BBC west small tiles ADC)
Entries 5702592
ADC
QT Input Channel

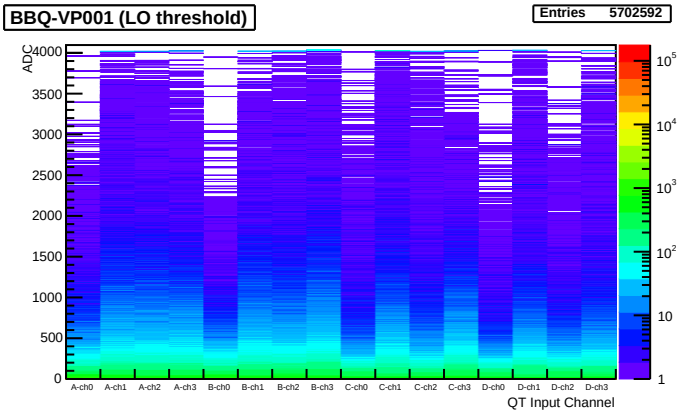

BBQ-BB002 (BBC west small tiles TAC)
Entries 5702592
TAC
QT Input Channel

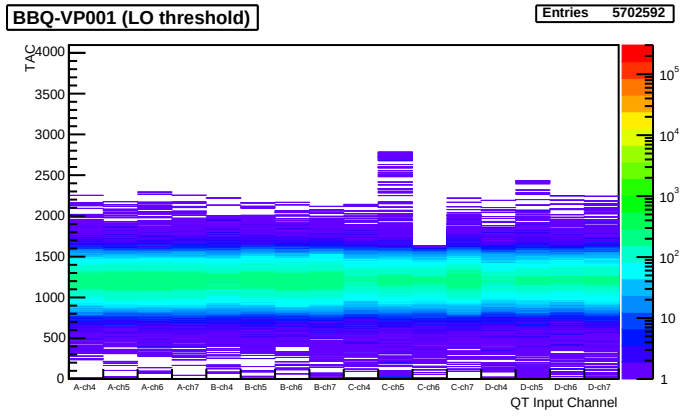

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5702592
ADC
QT Input Channel

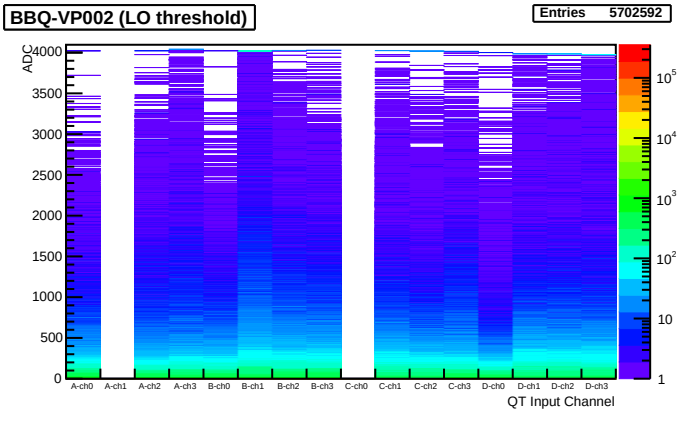

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5702592
TAC
QT Input Channel

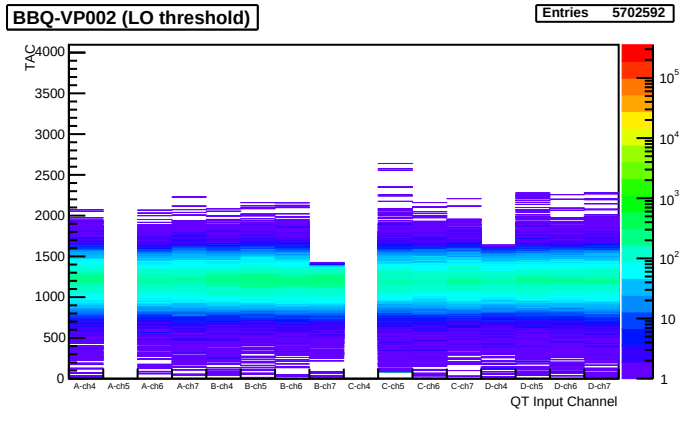

BBQ-ZD001 (ZDC TOWER)
Entries 5702592
ADC

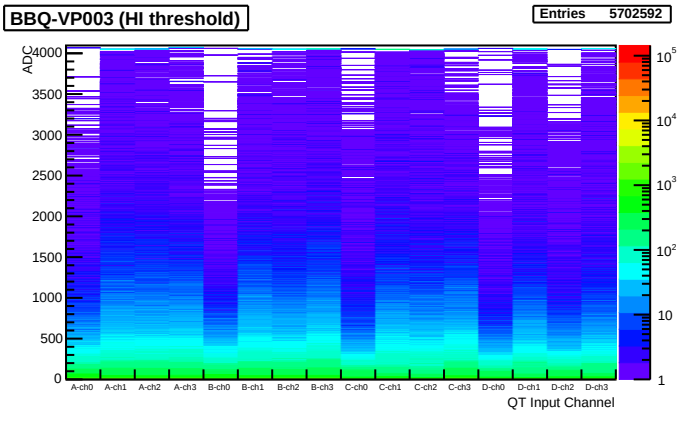

BBQ-ZD001 (ZDC TOWER)
Entries 5702592
TAC

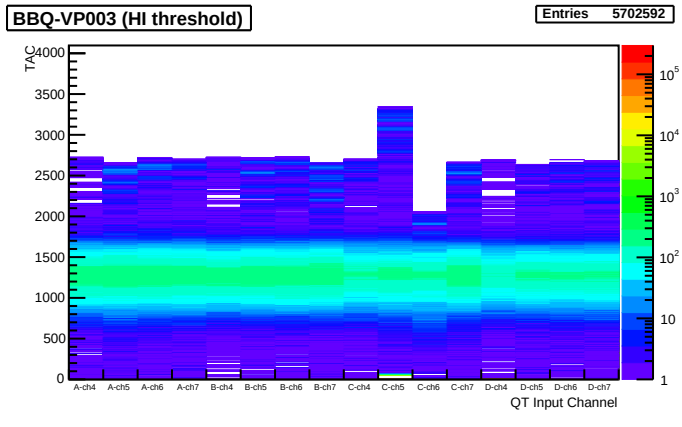

BBQ-VP001 (LO threshold)
Entries 5702592
ADC
QT Input Channel

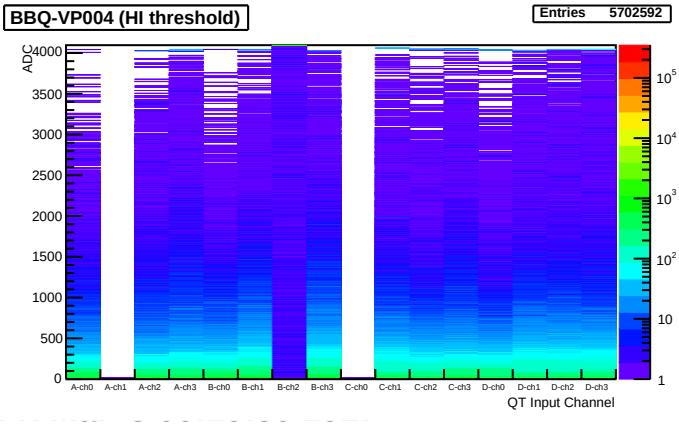

BBQ-VP001 (LO threshold)
Entries 5702592
TAC
QT Input Channel

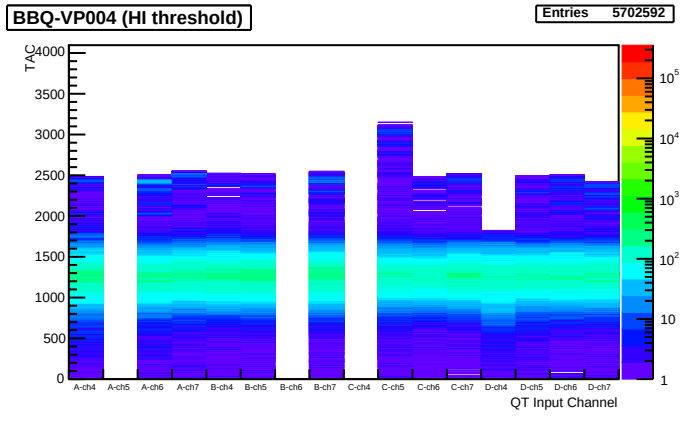

BBQ-VP002 (LO threshold)
Entries 5702592
ADC
QT Input Channel

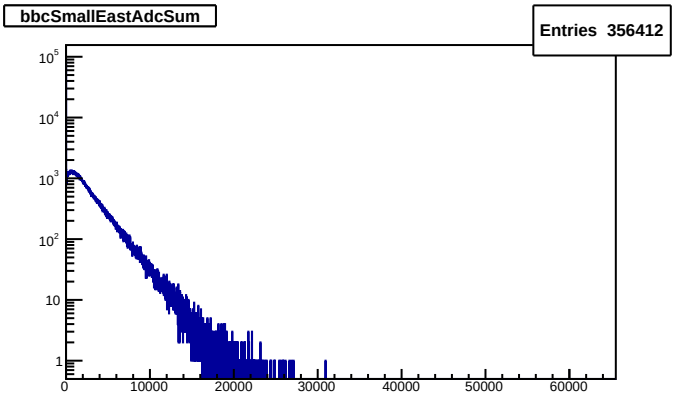

BBQ-VP002 (LO threshold)
Entries 5702592
TAC
QT Input Channel

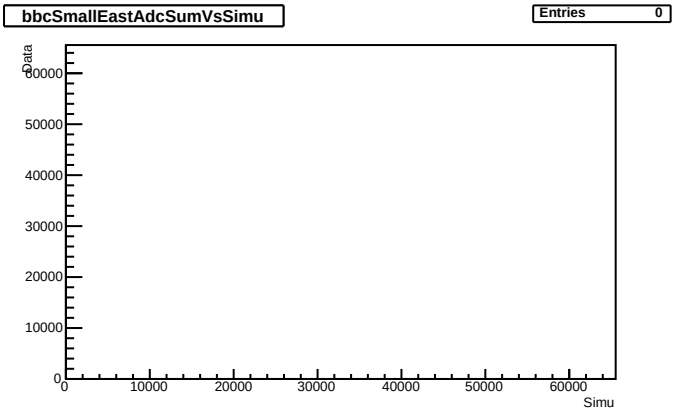

BBQ-VP003 (HI threshold)
Entries 5702592
ADC
QT Input Channel

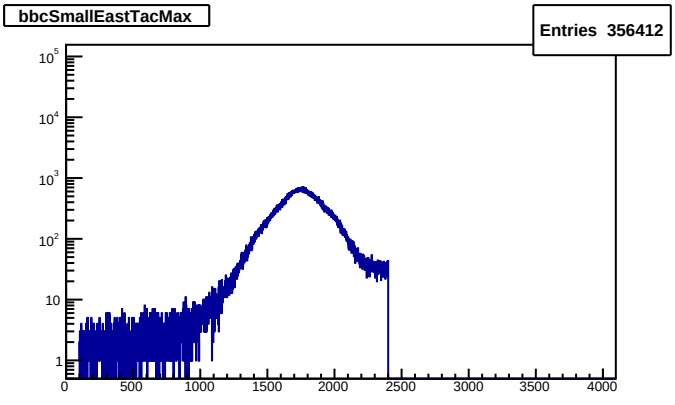

BBQ-VP003 (HI threshold)
Entries 5702592
TAC
QT Input Channel

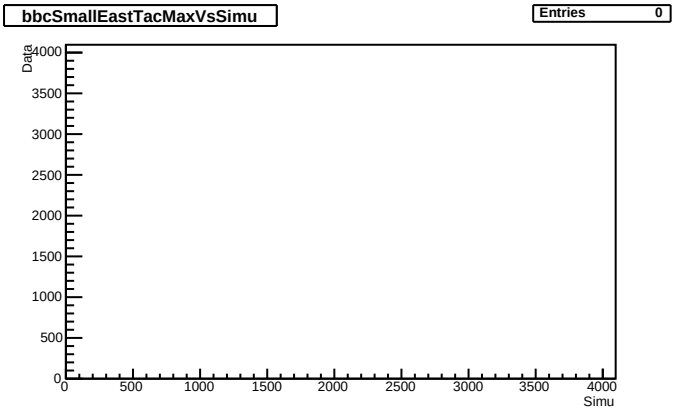

BBQ-VP004 (HI threshold)
Entries 5702592
ADC
QT Input Channel

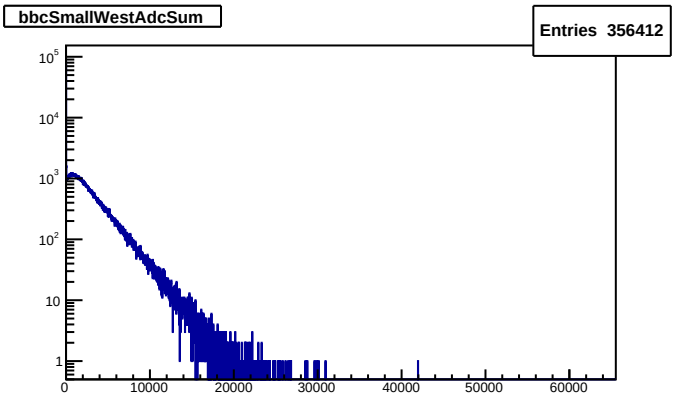

BBQ-VP004 (HI threshold)
Entries 5702592
TAC
QT Input Channel

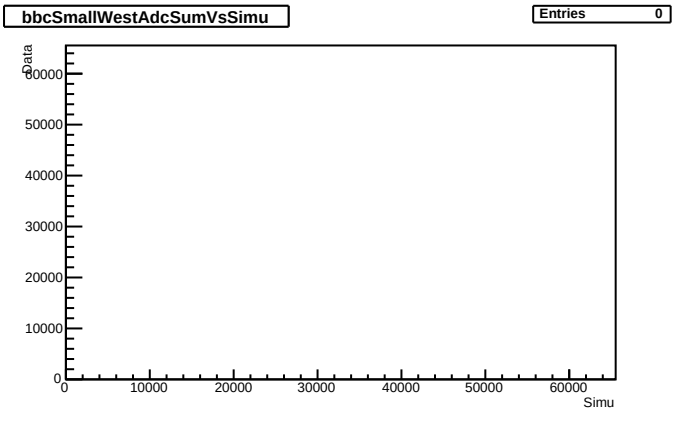

bbcSmallEastAdcSum
Entries 356412

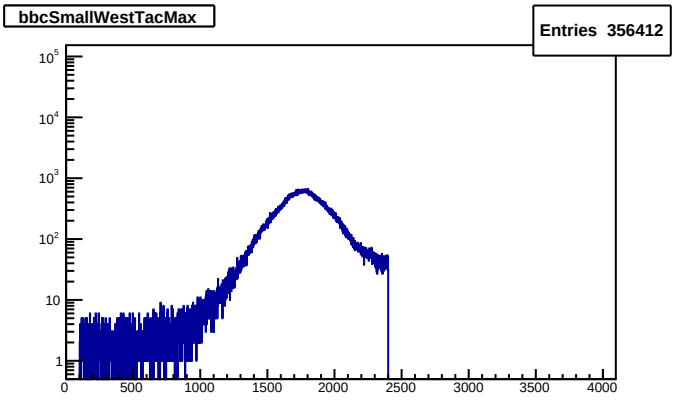

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

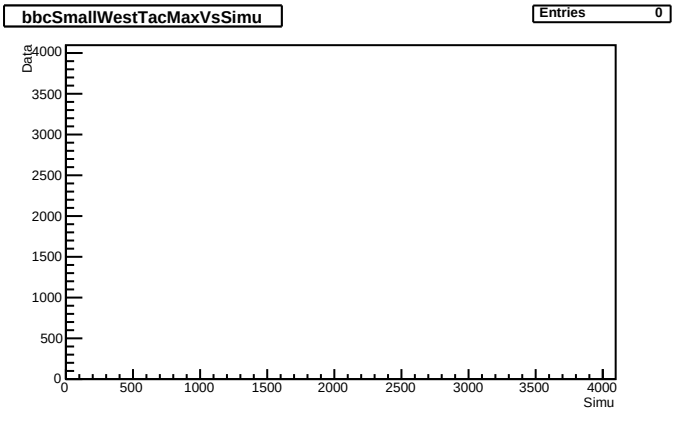

bbcSmallEastTacMax
Entries 356412

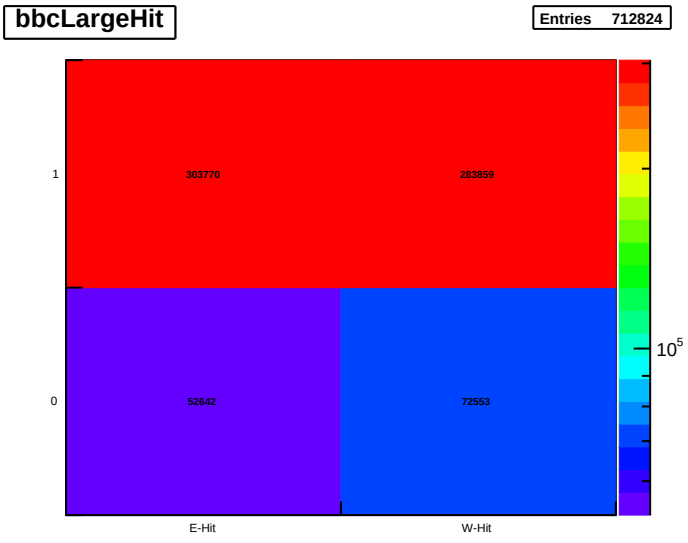

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

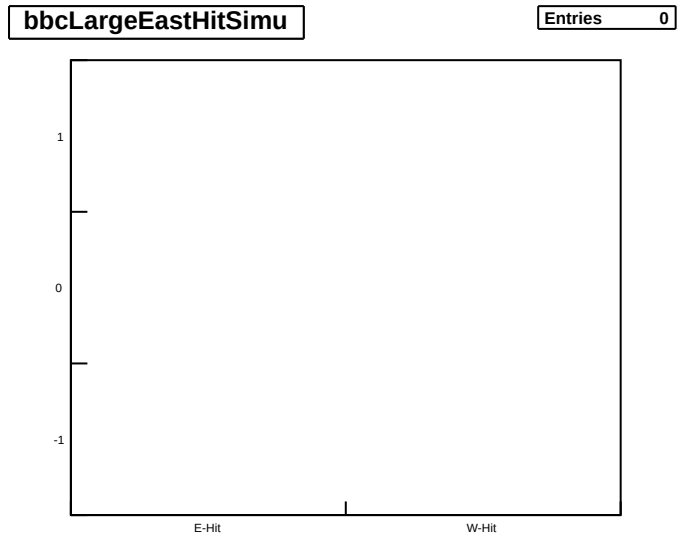

bbcSmallWestAdcSum
Entries 356412

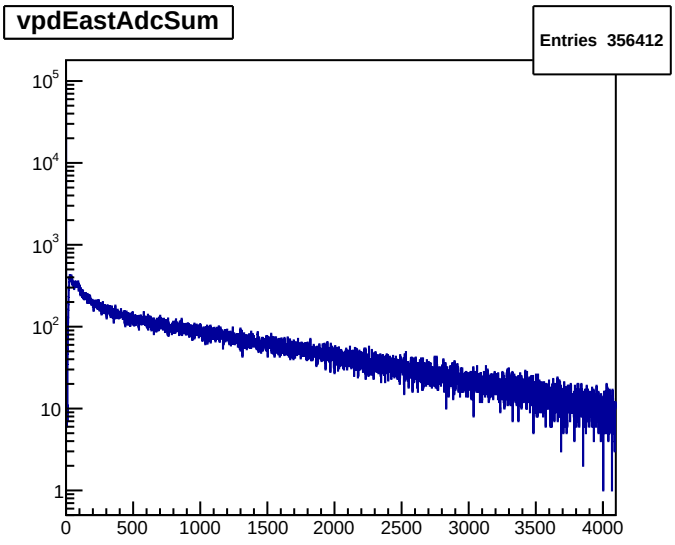

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

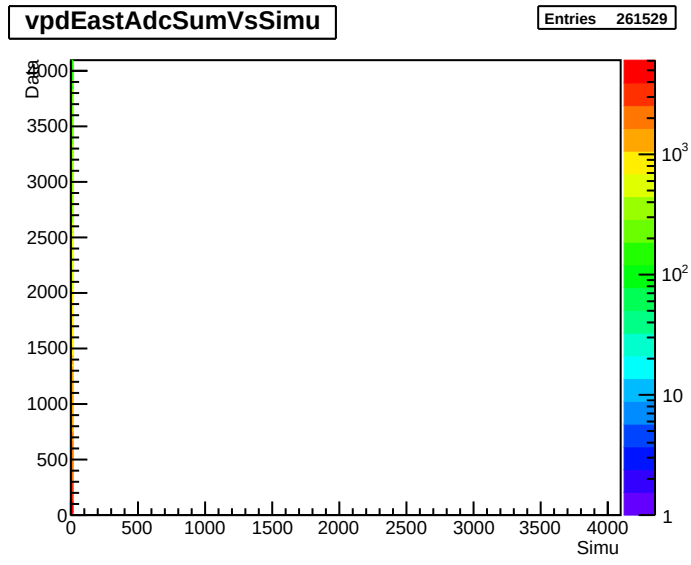

bbcSmallWestTacMax
Entries 356412

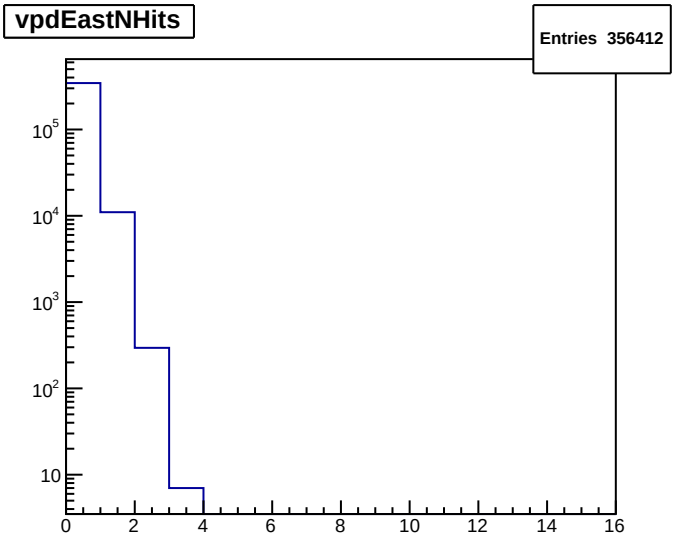

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

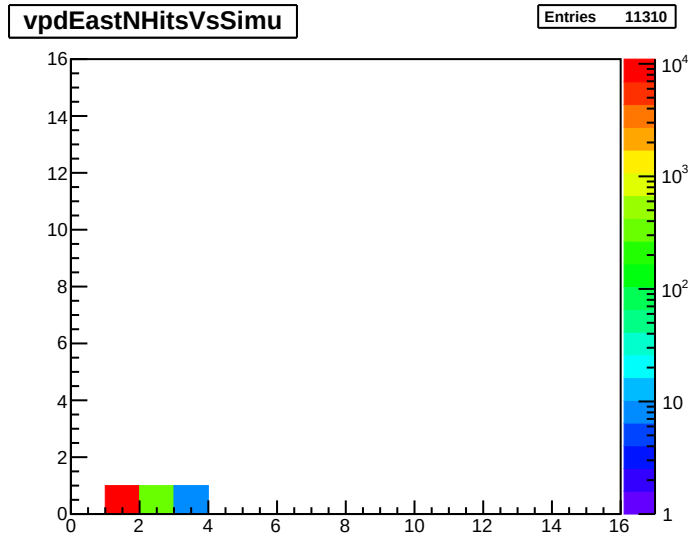

bbcLargeHit
Entries 712824
1
0
303770
283859
52642
72553
E-Hit
W-Hit
10^5

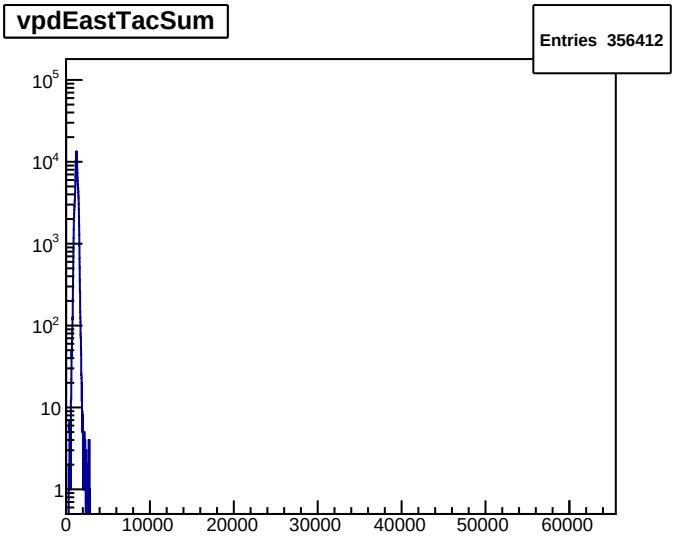

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

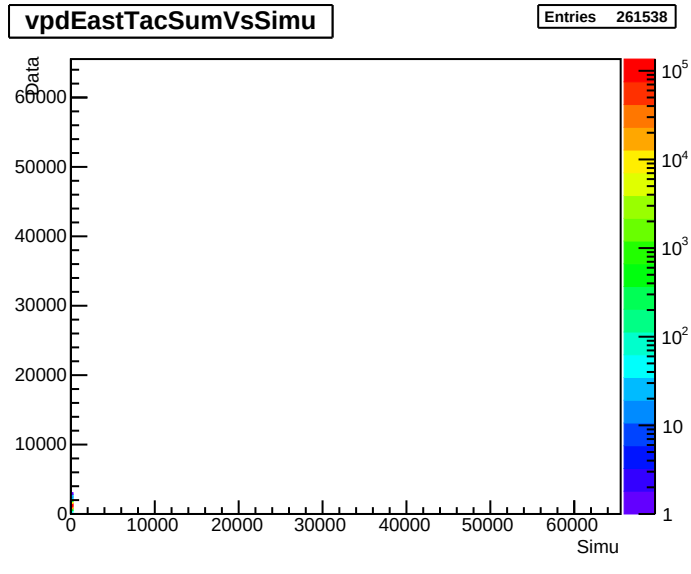

vpdEastAdcSum
Entries 356412

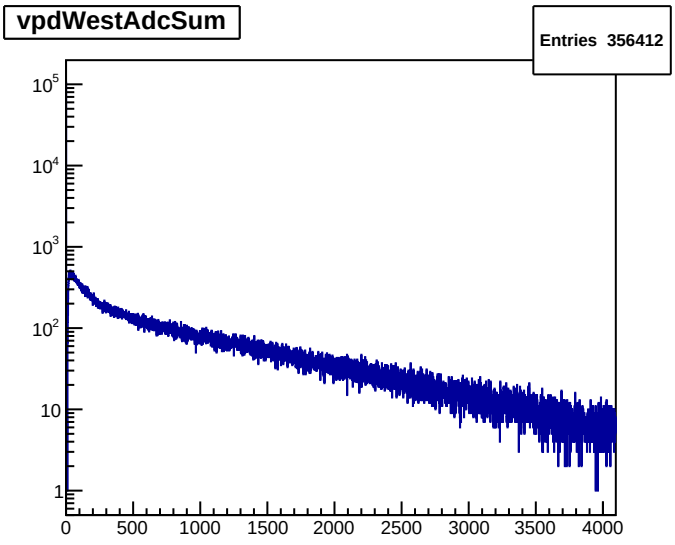

vpdEastAdcSumVsSimu
Entries 261529
Data
Simu

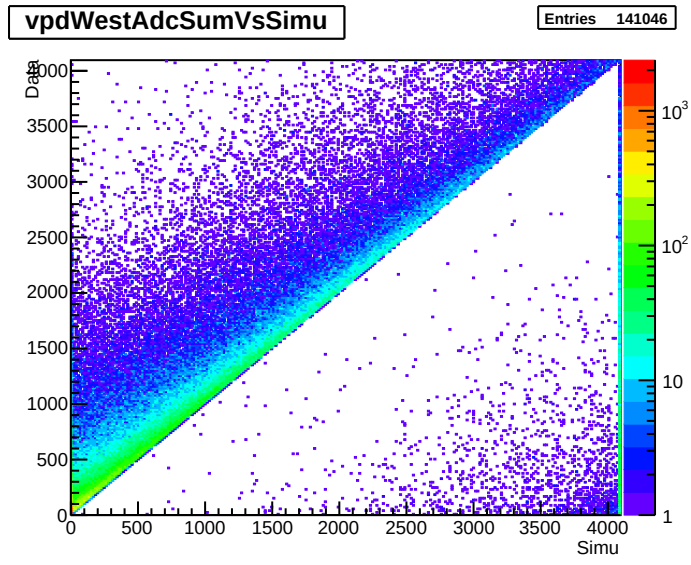

vpdEastNHits
Entries 356412

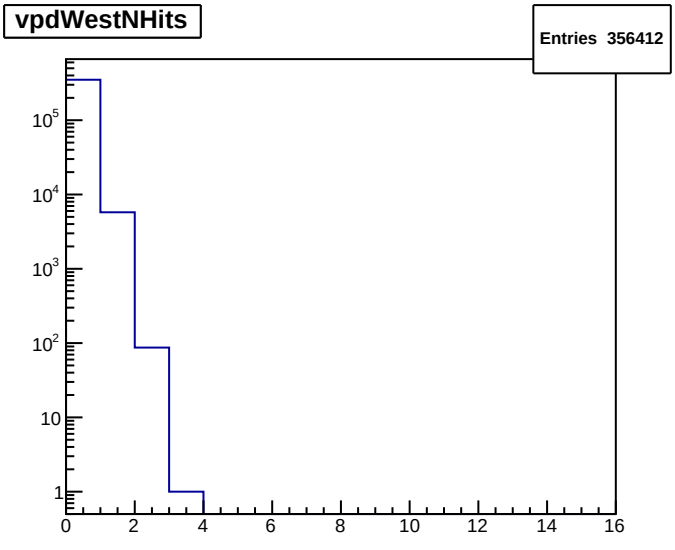

vpdEastNHitsVsSimu
Entries 11310

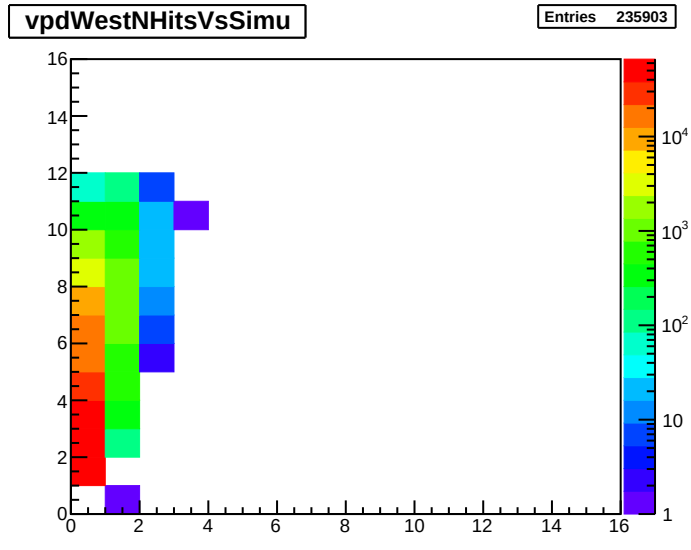

vpdEastTacSum
Entries 356412

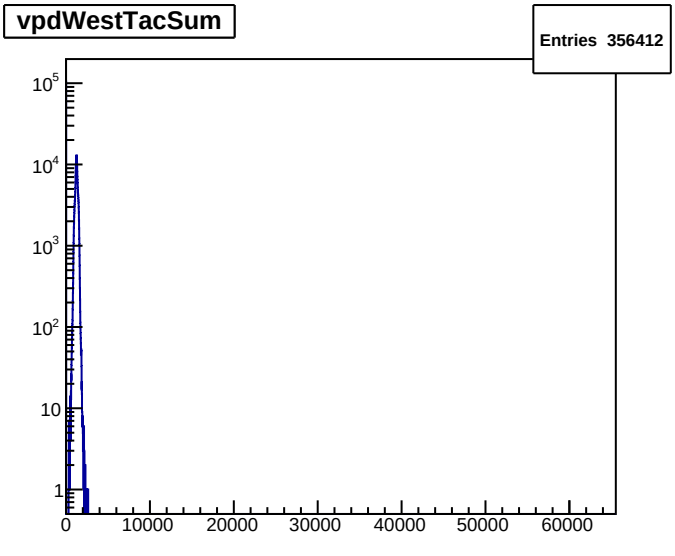

vpdEastTacSumVsSimu
Entries 261538
Data
Simu

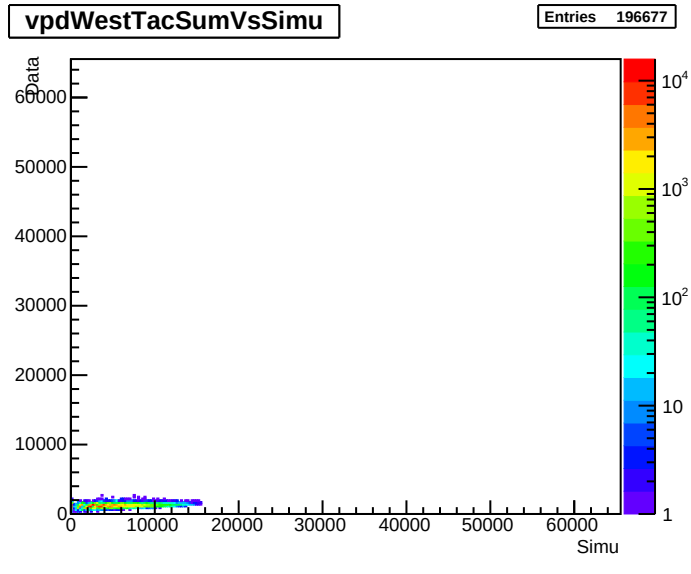

vpdWestAdcSum
Entries 356412

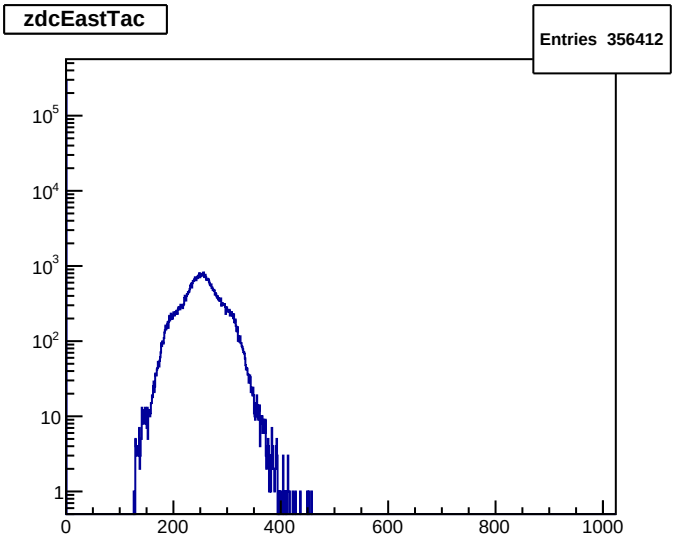

vpdWestAdcSumVsSimu
Entries 141046
Data
Simu

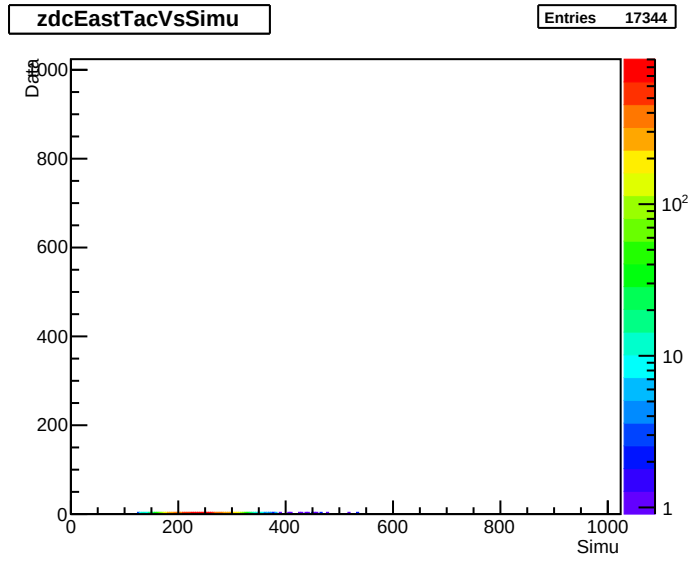

vpdWestNHits
Entries 356412

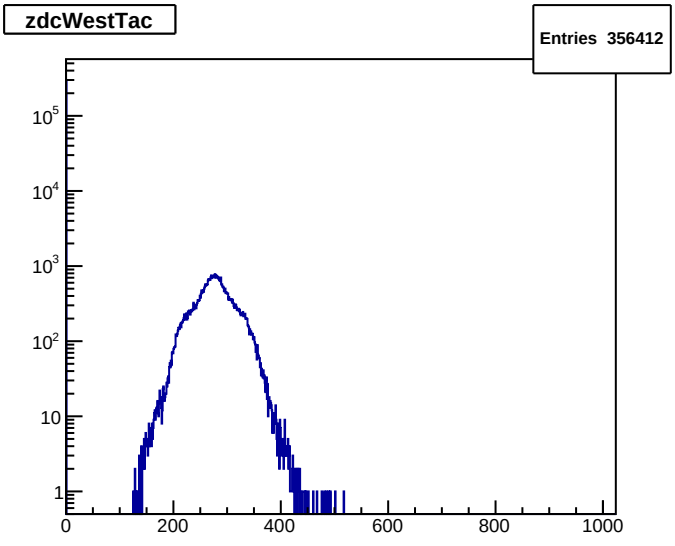

vpdWestNHitsVsSimu
Entries 235903

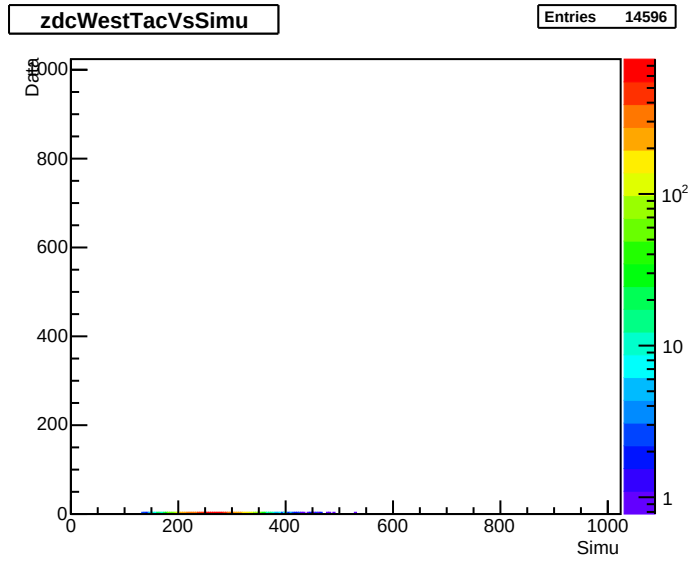

vpdWestTacSum
Entries 356412

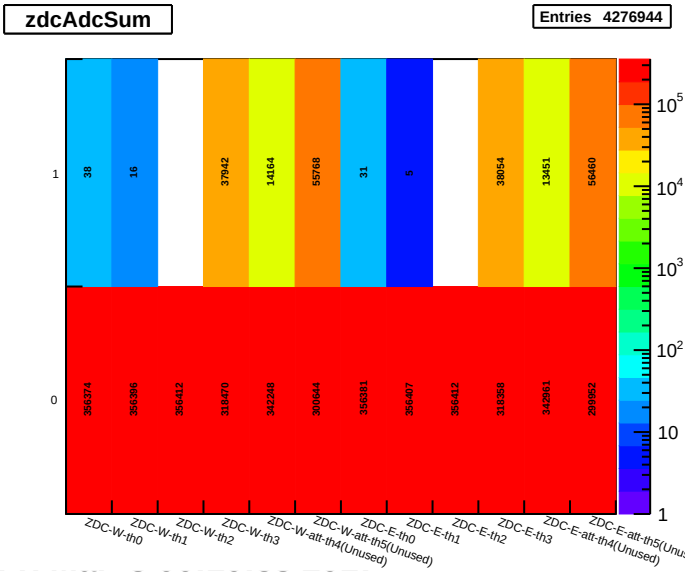

vpdWestTacSumVsSimu
Entries 196677
Data
Simu

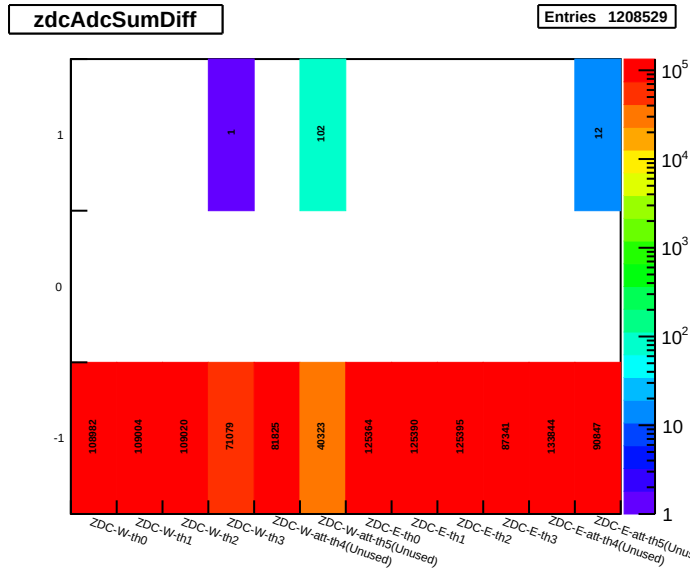

zdcEastTac
Entries 356412

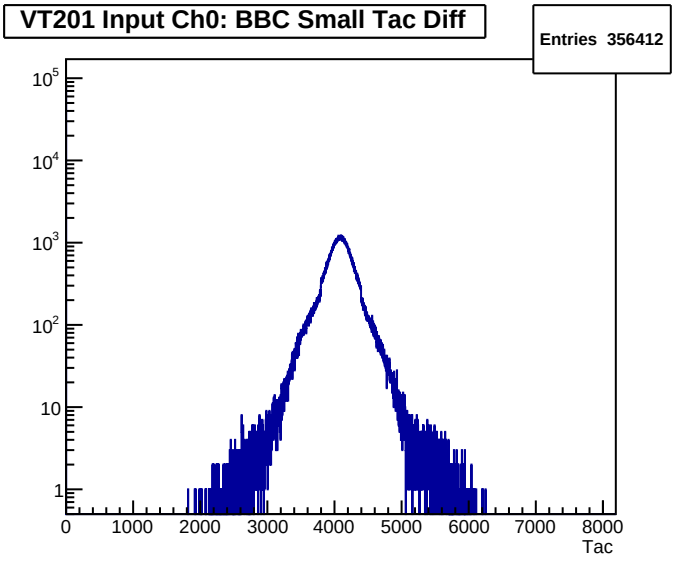

zdcEastTacVsSimu
Entries 17344
Data
Simu

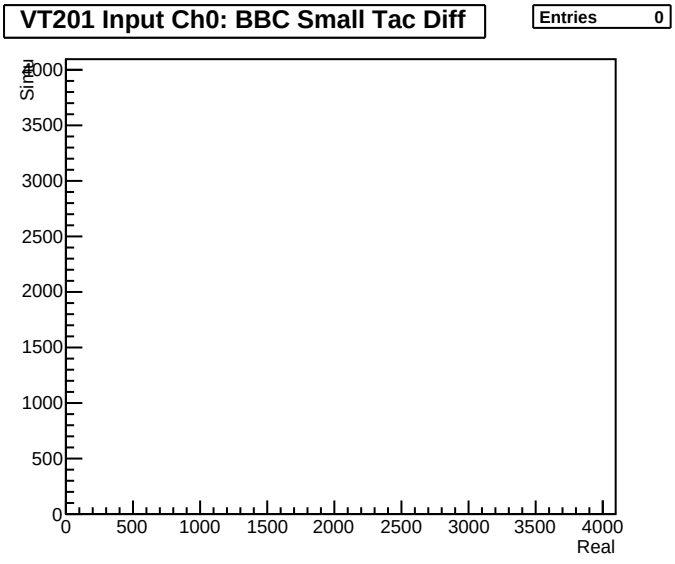

zdcWestTac
Entries 356412

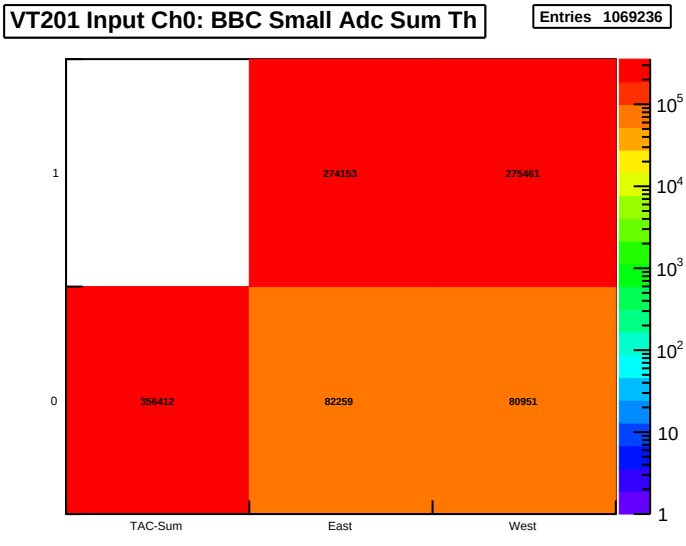

zdcWestTacVsSimu
Entries 14596
Data
Simu

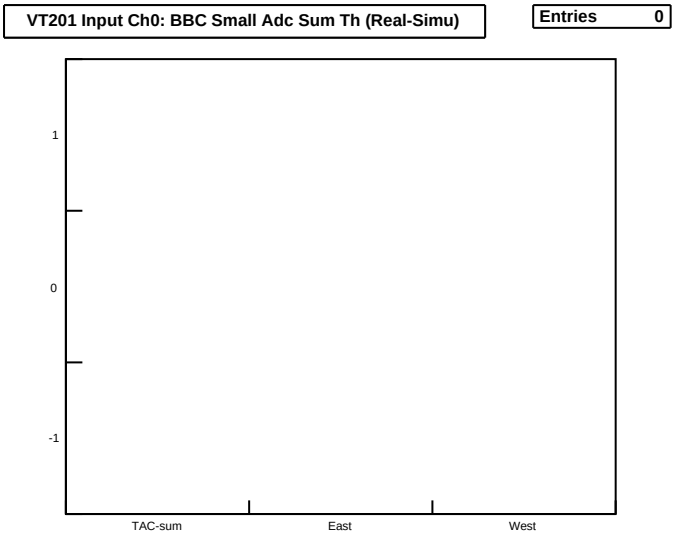

zdcAdcSum
Entries 4276944
38
16
37942
14164
55768
31
5
38054
13451
56460
356374
356396
356412
318470
342248
300644
356381
356407
356412
318368
342961
299652
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

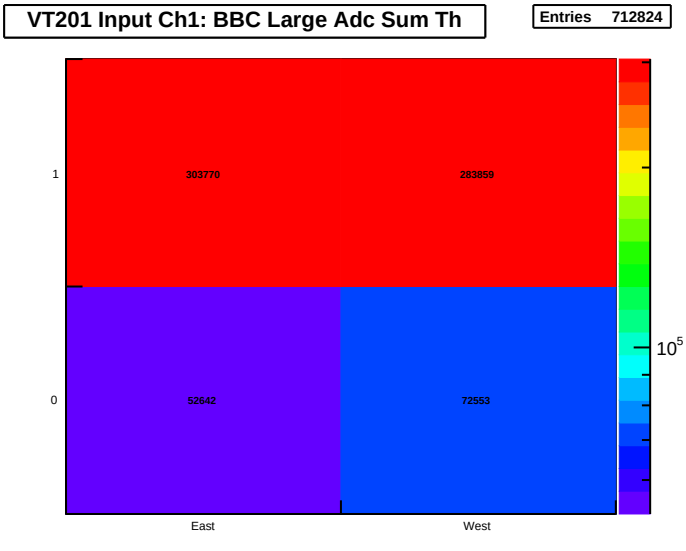

zdcAdcSumDiff
Entries 1208529
1
102
12
108982
109004
109020
71079
81825
40323
125984
125990
125995
67341
133844
90847
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

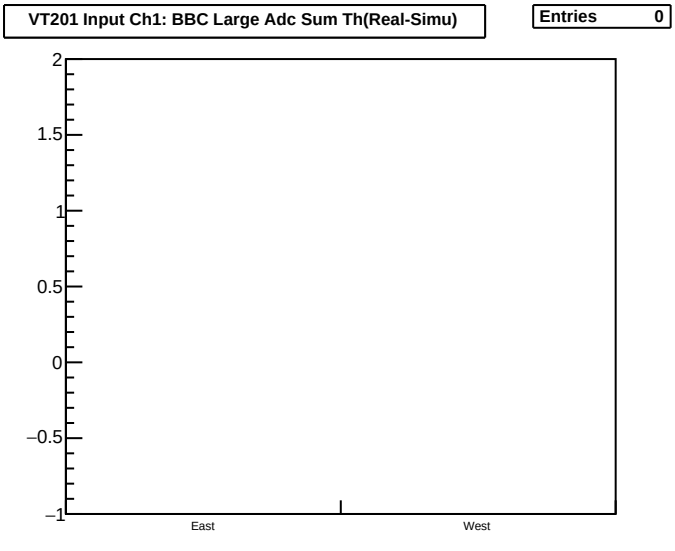

VT201 Input Ch0: BBC Small Tac Diff
Entries 356412
Tac


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

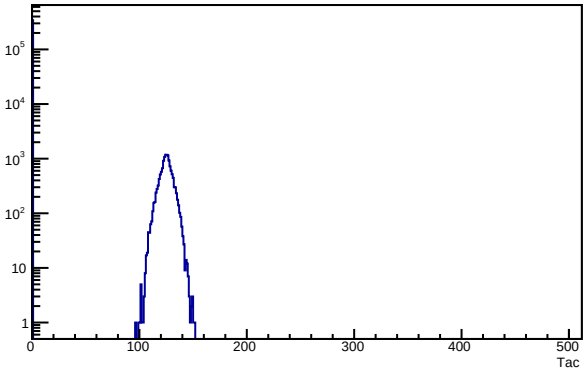

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1069236
274153
275461
356412
82259
80951
TAC-Sum
East
West


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

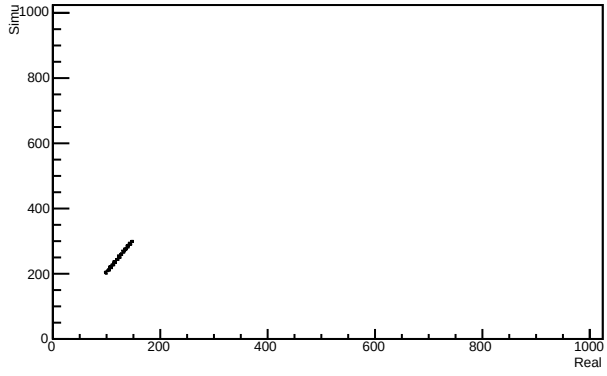

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 712824
303770
283859
52642
72553
East
West


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

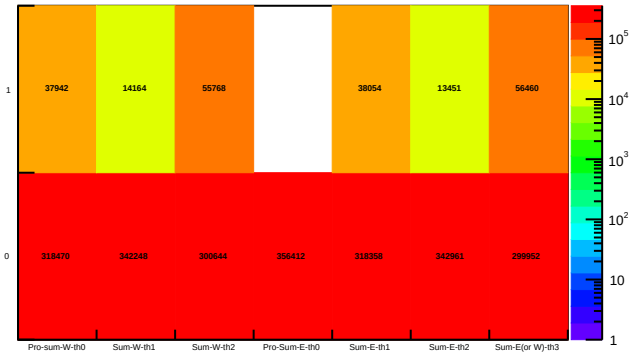
VT201 Input Ch2: ZDC Tac Diff



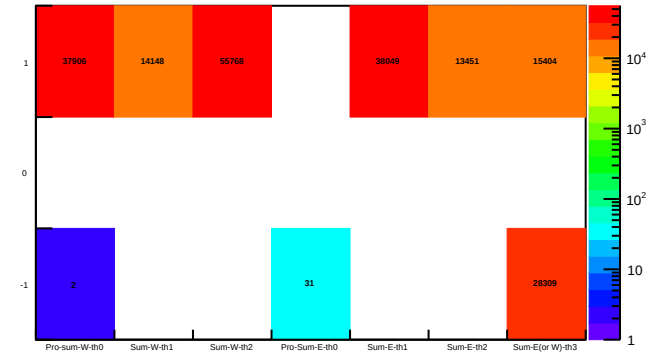
VT201 Input Ch2: ZDC Tac Diff



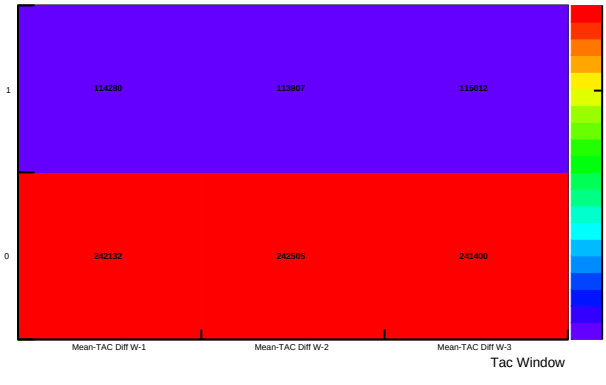
VT201 Input Ch2: ZDC Adc Sum Th



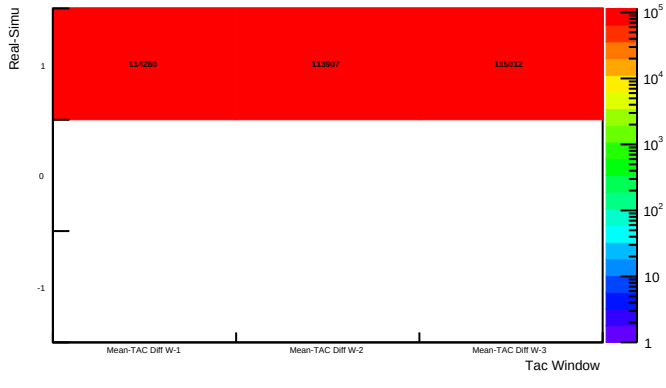
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



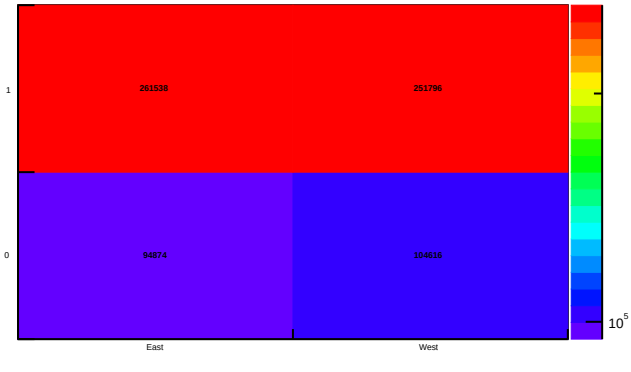
VT201 Input Ch4: VPD Tac Diff



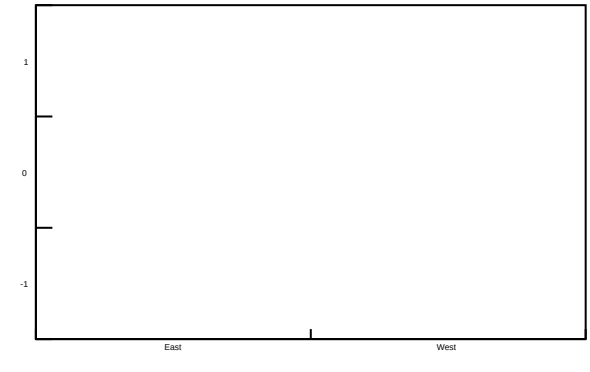
VT201 Input Ch4: VPD Tac Diff

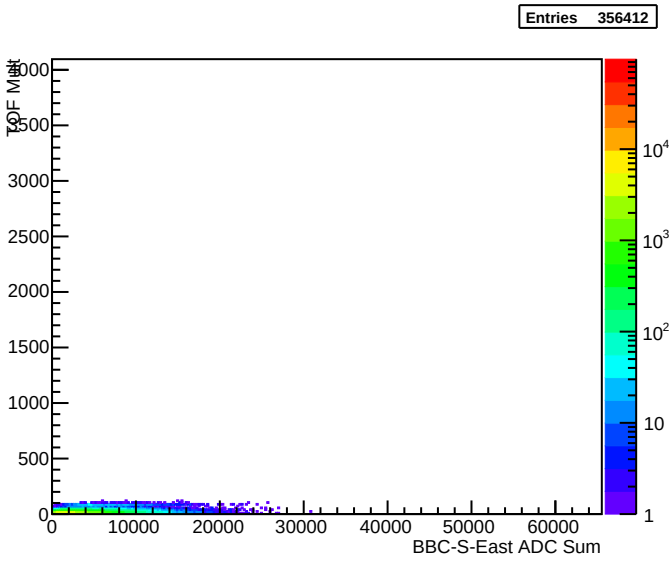


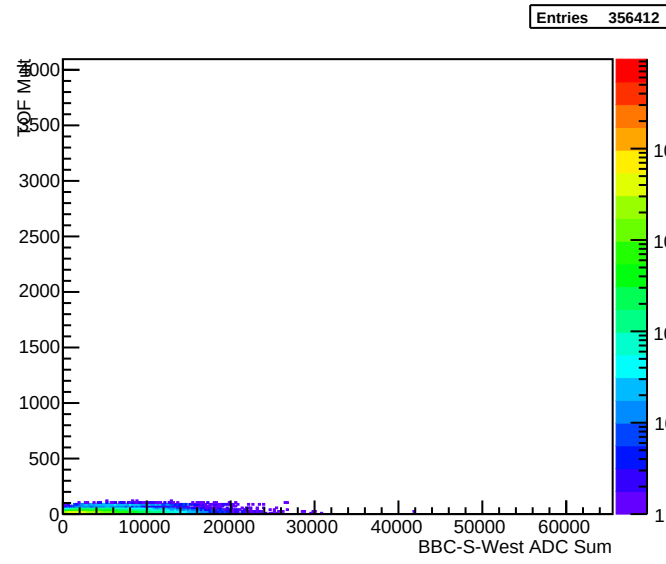
VT201 Input Ch4: VPD Adc Sum Th

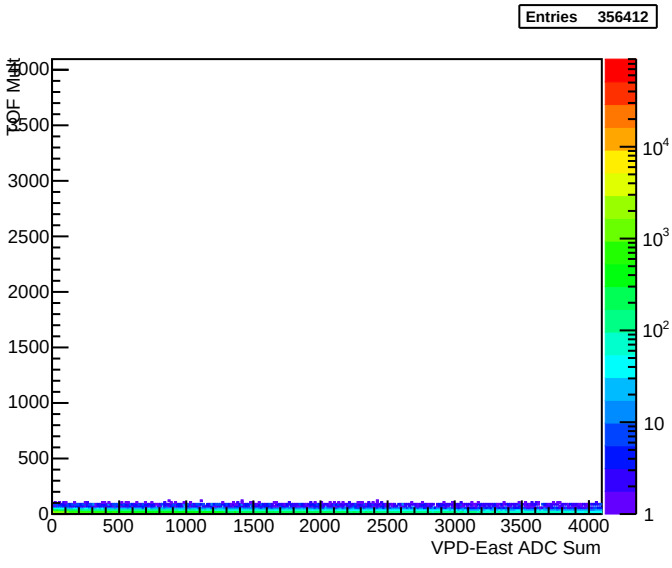


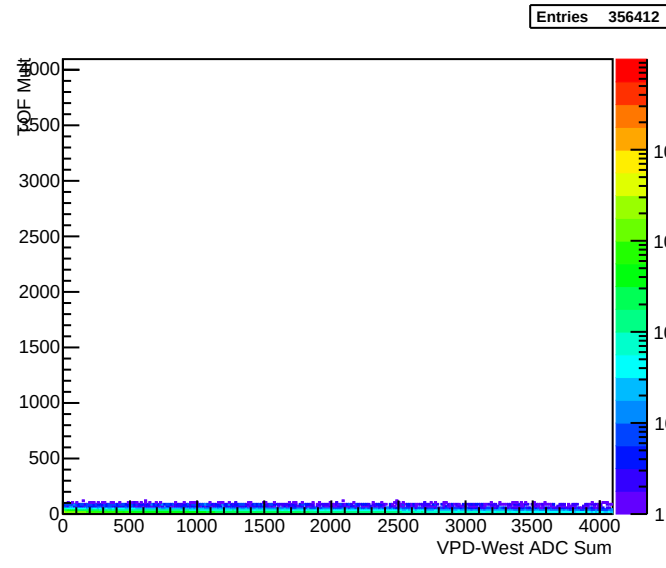
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

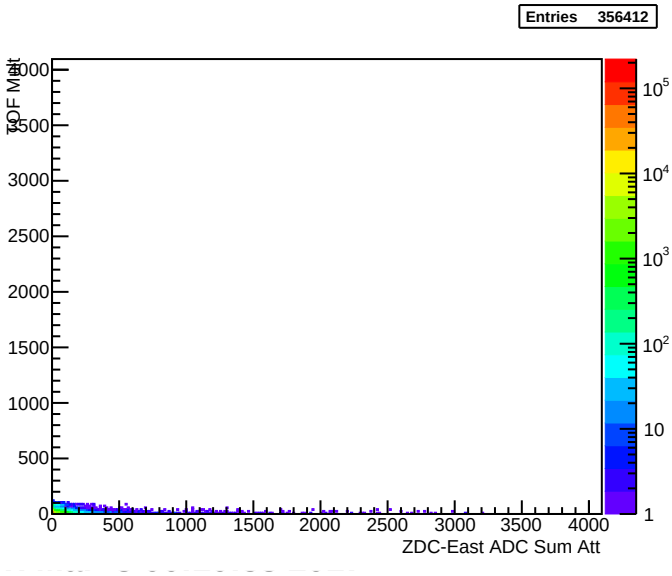


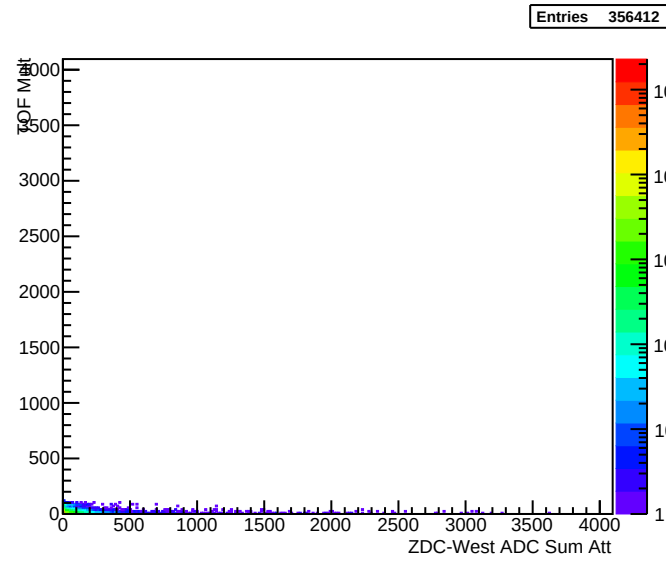

Entries 356412
TOF Mult
BBC-S-East ADC Sum

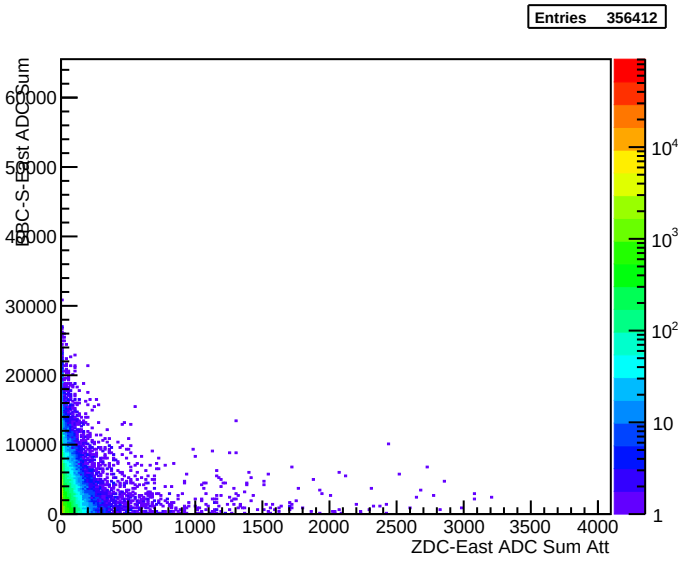

Entries 356412
TOF Mult
BBC-S-West ADC Sum

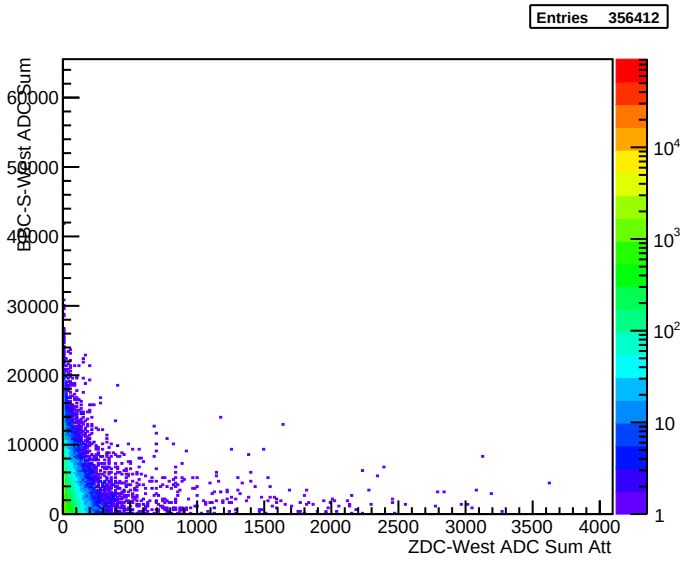

Entries 356412
TOF Mult
VPD-East ADC Sum

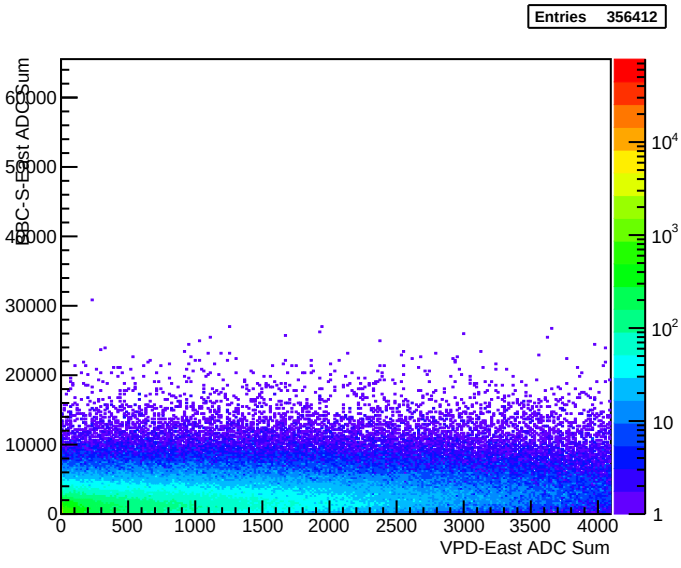

Entries 356412
TOF Mult
VPD-West ADC Sum

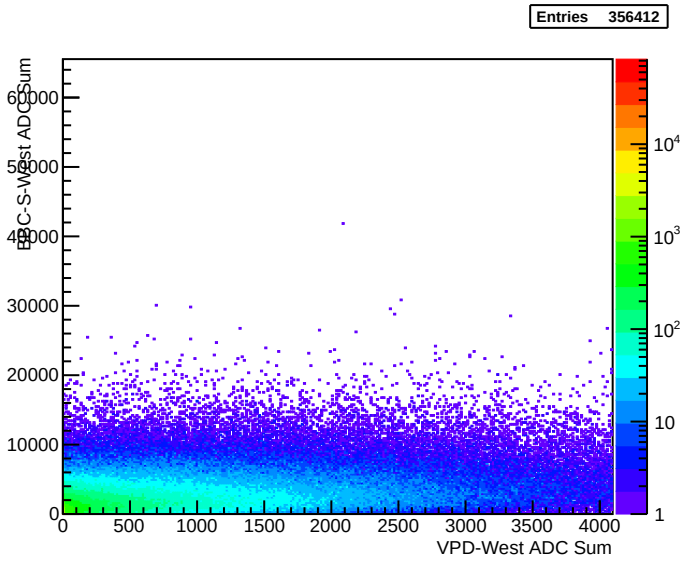

Entries 356412
TOF Mult
ZDC-East ADC Sum Att

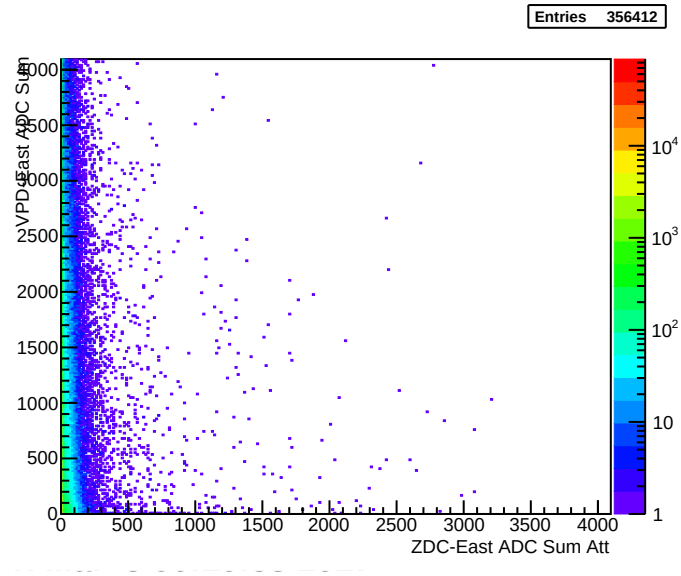

Entries 356412
TOF Mult
ZDC-West ADC Sum Att

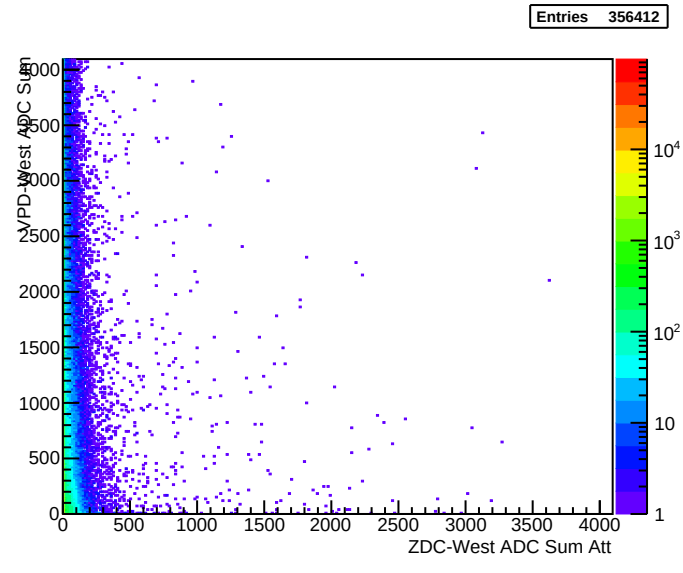

Entries 356412
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

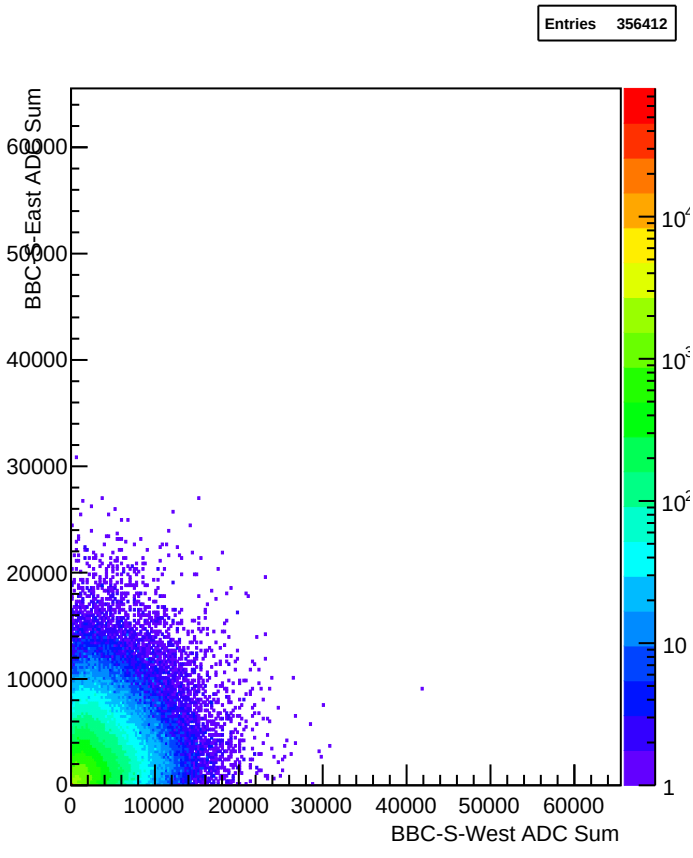

Entries 356412
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

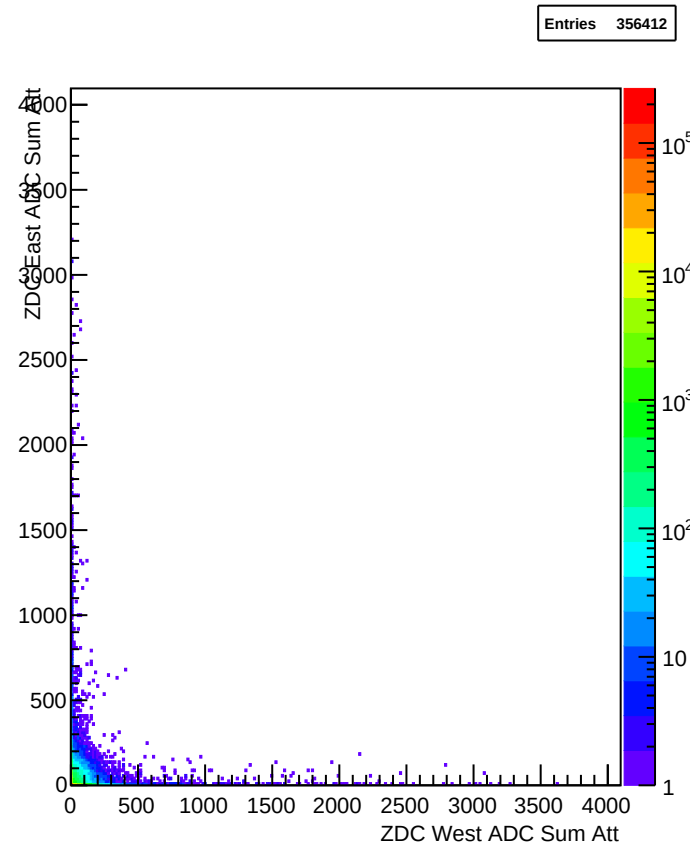

Entries 356412
BBC-S-East ADC Sum
VPD-East ADC Sum

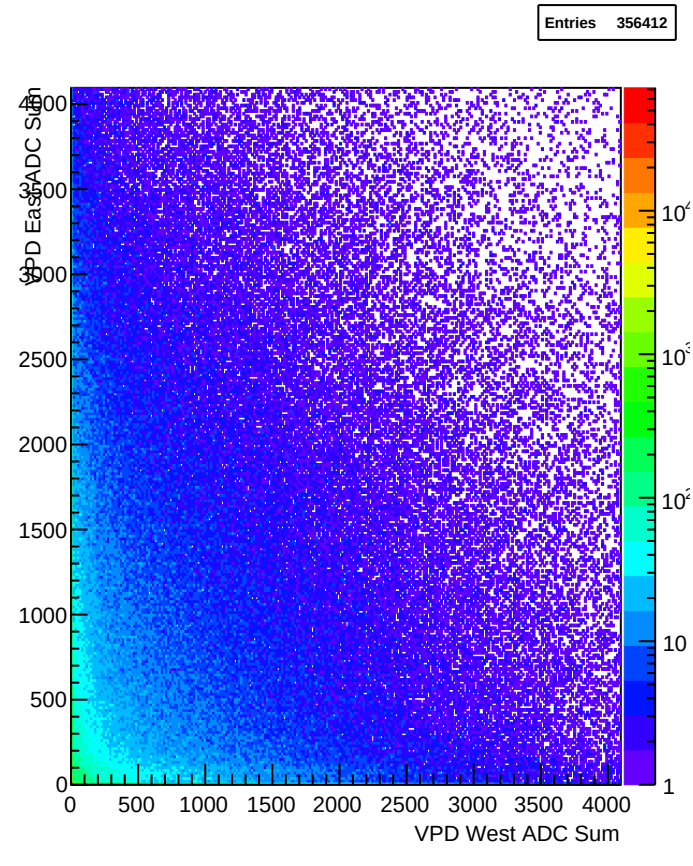

Entries 356412
BBC-S-West ADC Sum
VPD-West ADC Sum

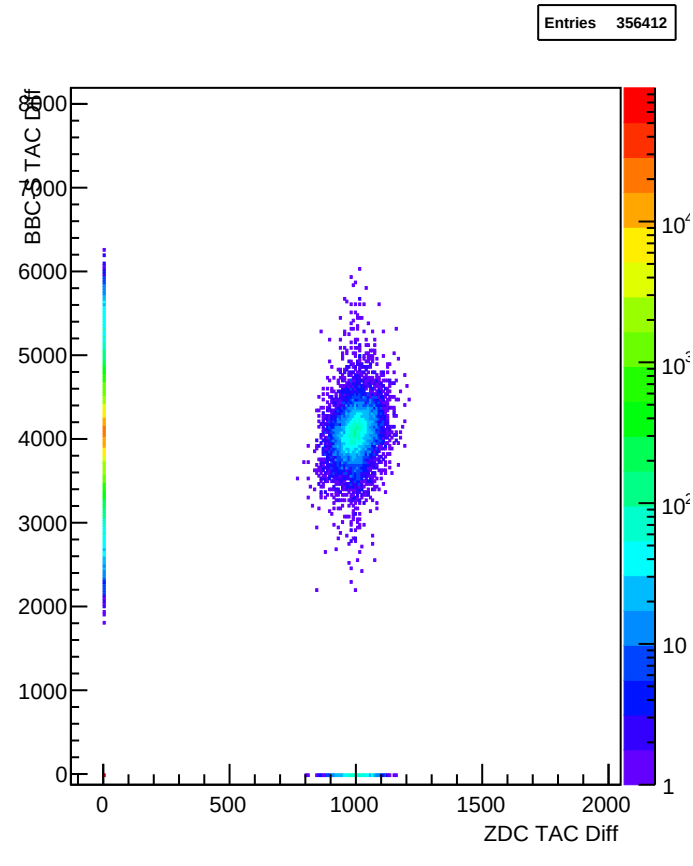

Entries 356412
VPD-East ADC Sum
ZDC-East ADC Sum Att

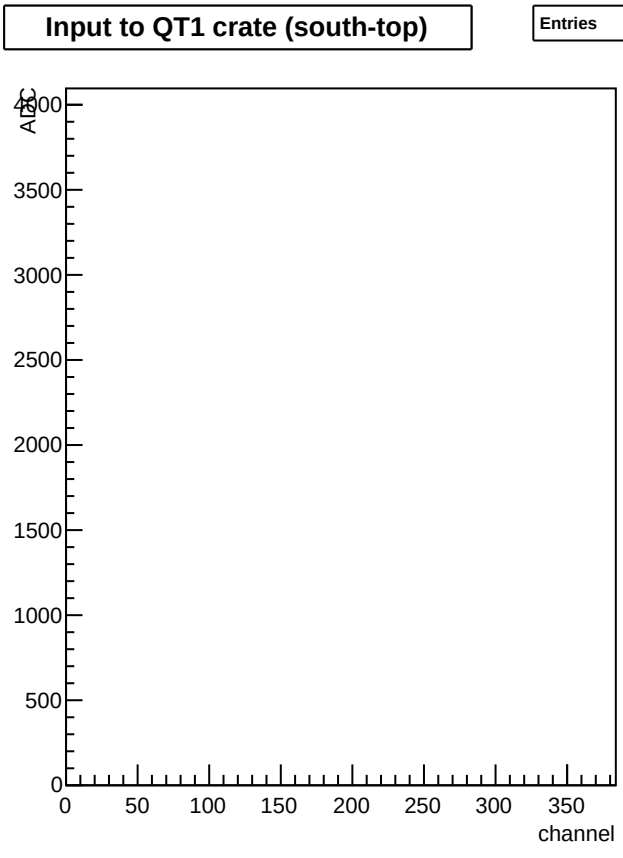

Entries 356412
VPD-West ADC Sum
ZDC-West ADC Sum Att

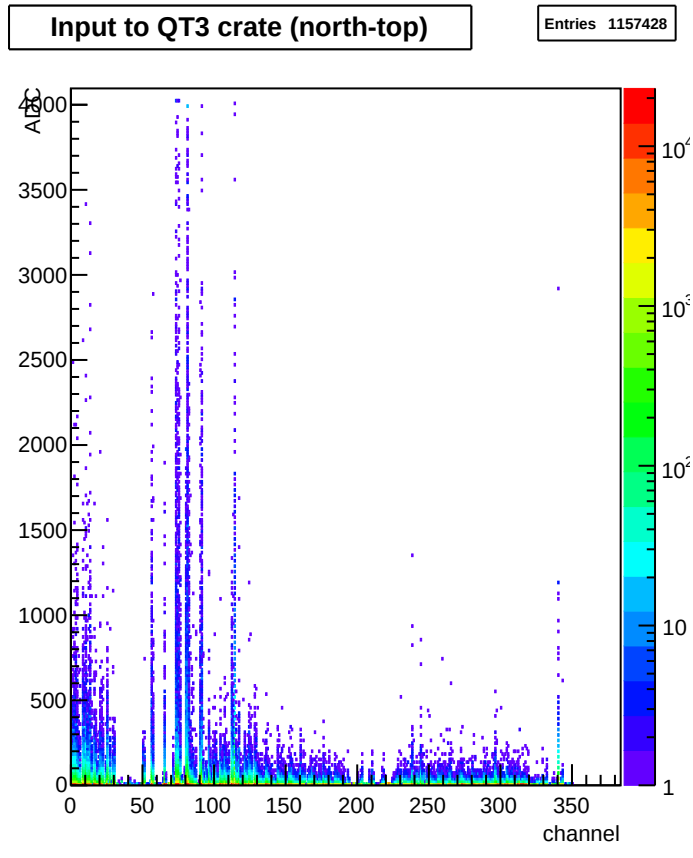

Entries 356412
BBC-S-East ADC Sum
BBC-S-West ADC Sum

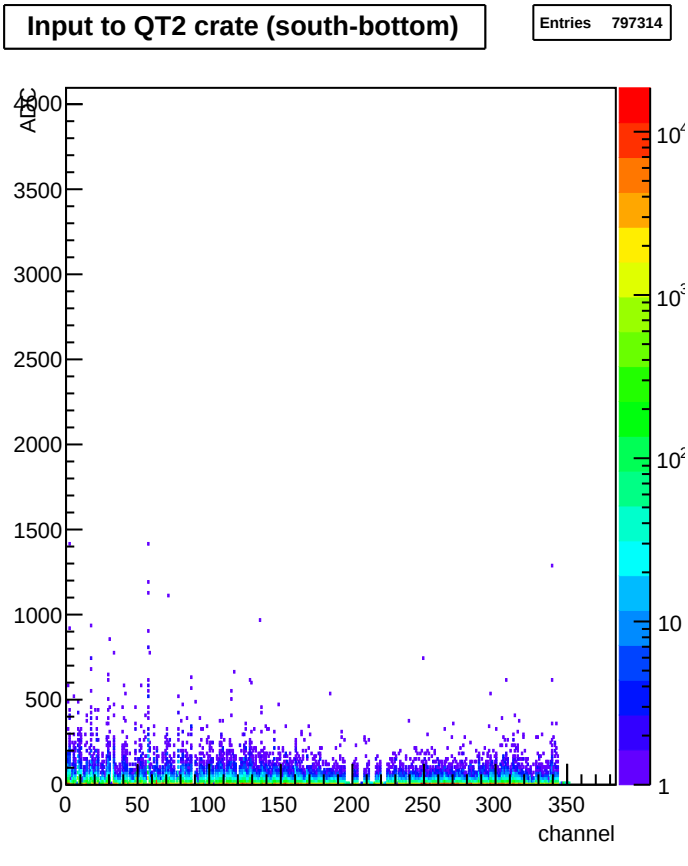

Entries 356412
ZDC East ADC Sum Att
ZDC West ADC Sum Att

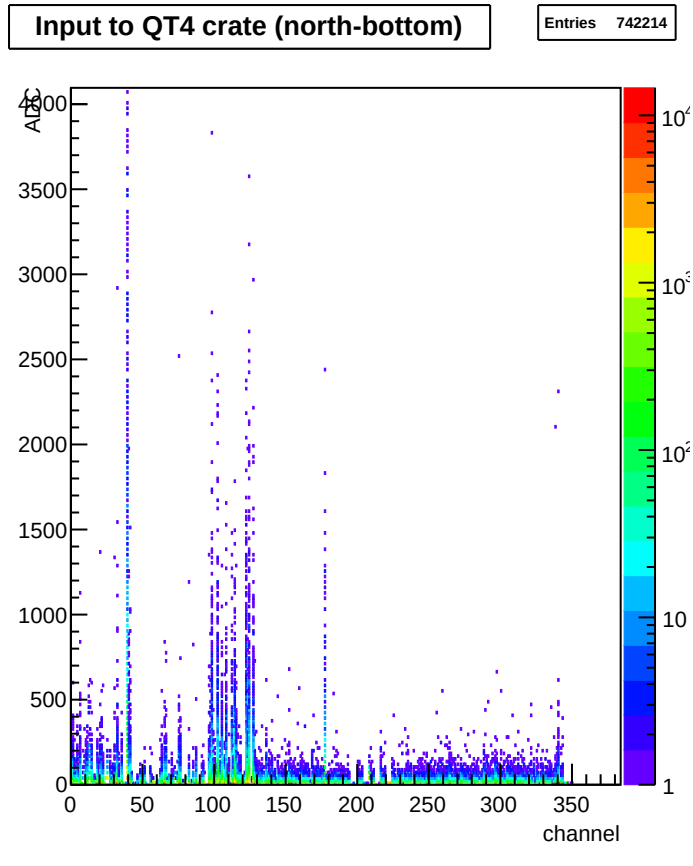

Entries 356412
VPD East ADC Sum
VPD West ADC Sum

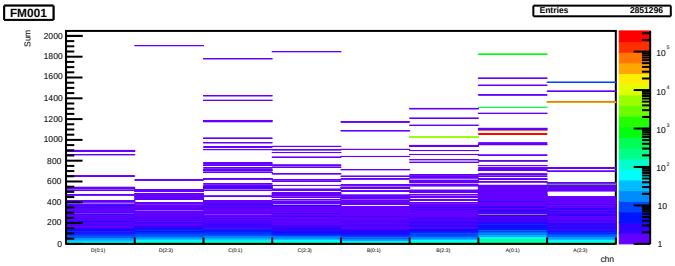

Entries 356412
BBC-S TAC Diff
ZDC TAC Diff

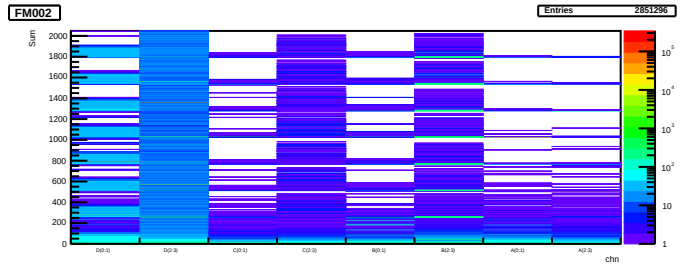

Input to QT1 crate (south-top)
Entries 0
ADC
channel

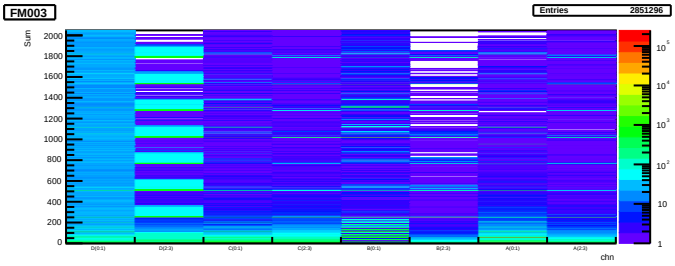

Input to QT3 crate (north-top)
Entries 1157428
ADC
channel

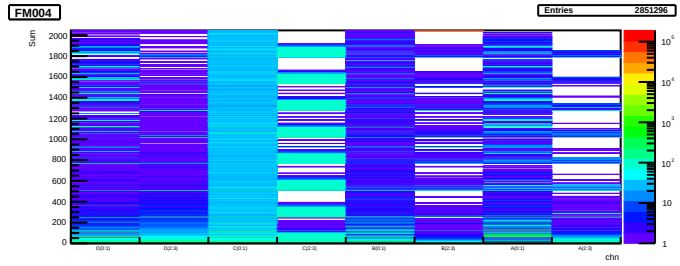

Input to QT2 crate (south-bottom)
Entries 797314
ADC
channel

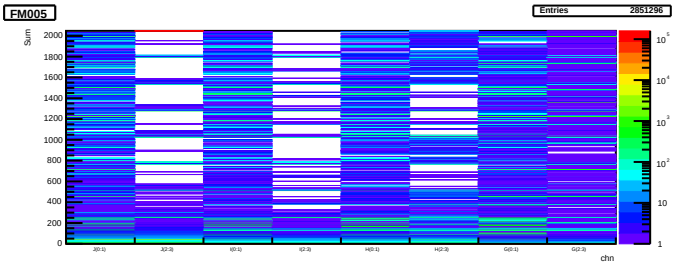

Input to QT4 crate (north-bottom)
Entries 742214
ADC
channel

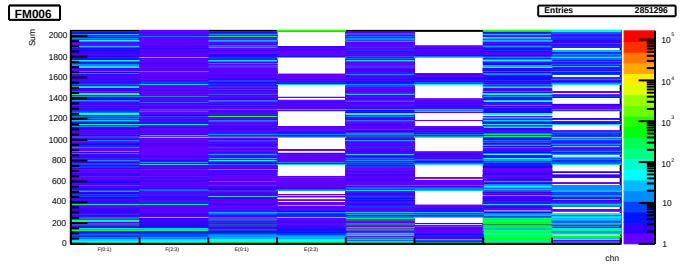

FM001
Entries 2851296
Sum
chn

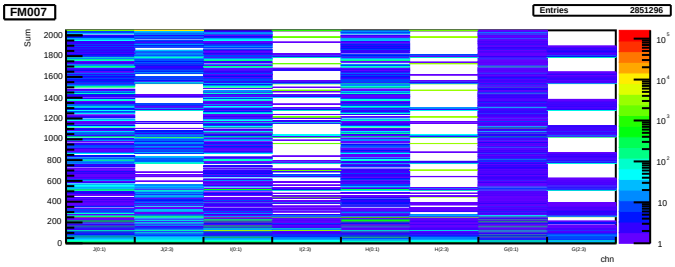

FM002
Entries 2851296
Sum
chn

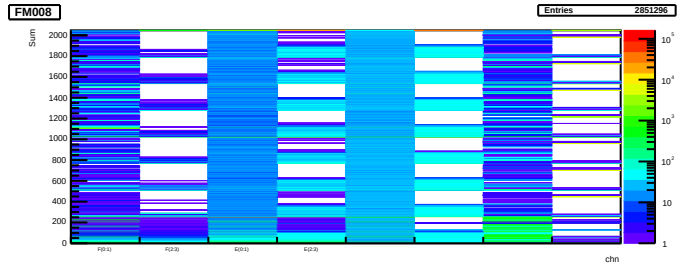

FM003
Entries 2851296
Sum
chn

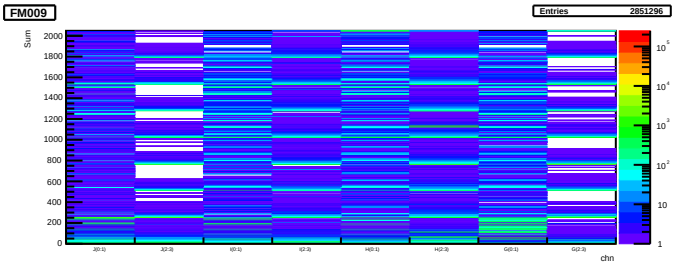

FM004
Entries 2851296
Sum
chn

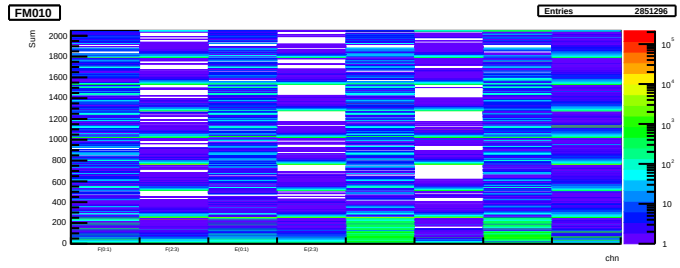

FM005
Entries 2851296
Sum
chn

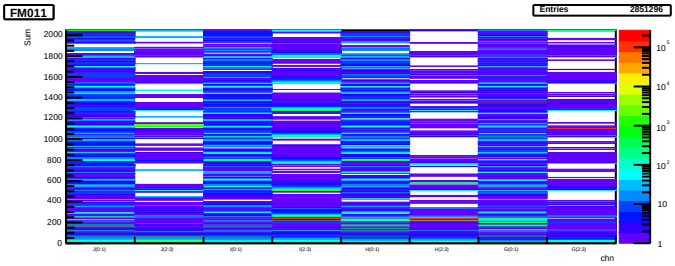

FM006
Entries 2851296
Sum
chn

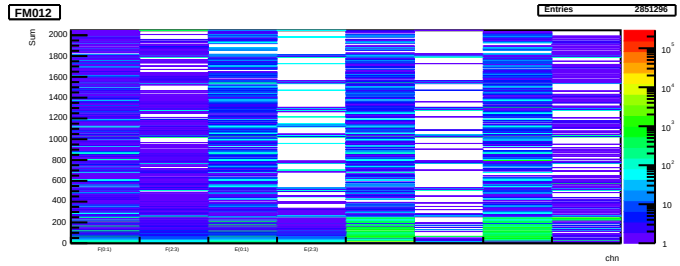

FM007
Entries 2851296
Sum
chn

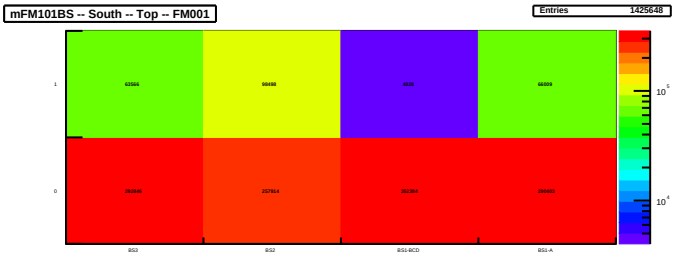

FM008
Entries 2851296
Sum
chn


FM009
Entries 2851296
Sum
chn


FM010
Entries 2851296
Sum
chn


FM011
Entries 2851296
Sum
chn


FM012
Entries 2851296
Sum
chn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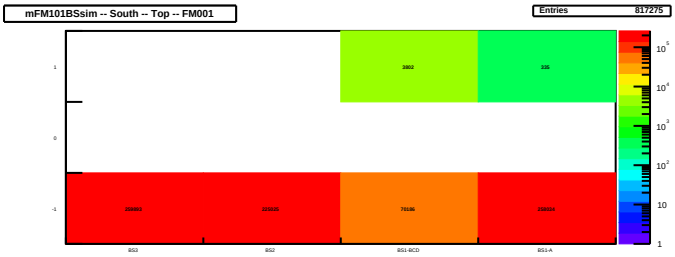
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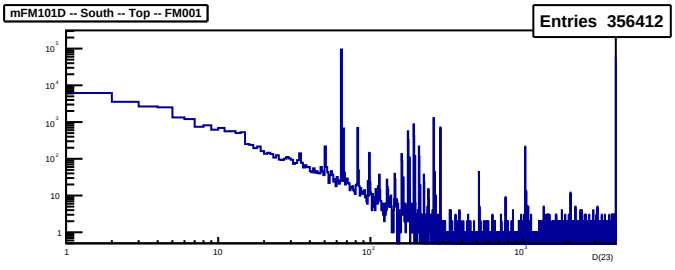
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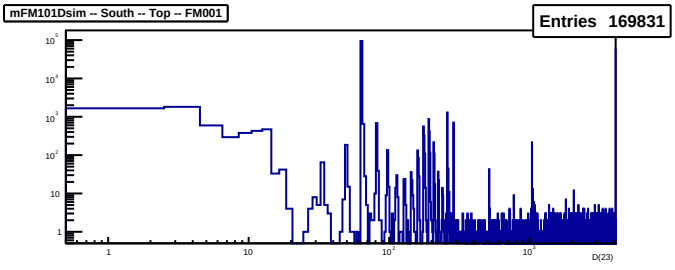
D(23)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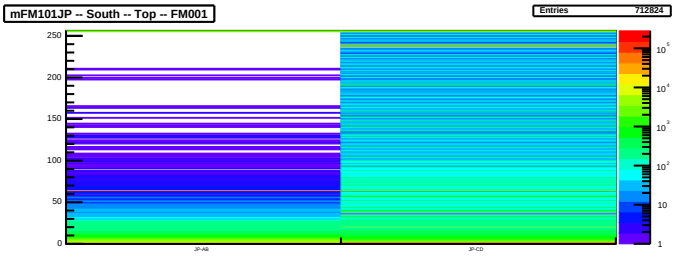
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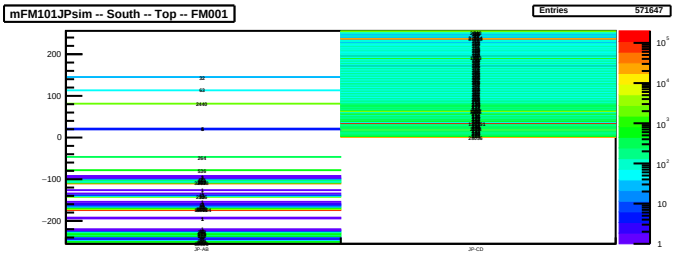
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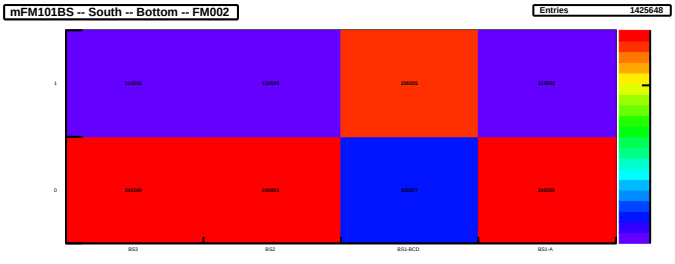
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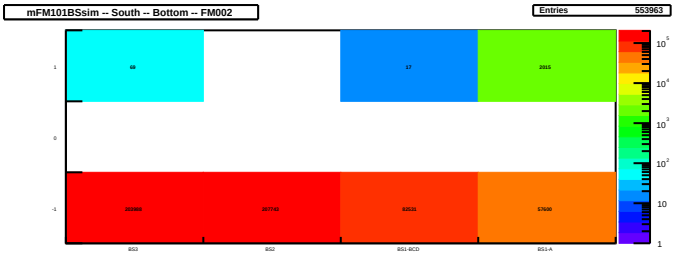
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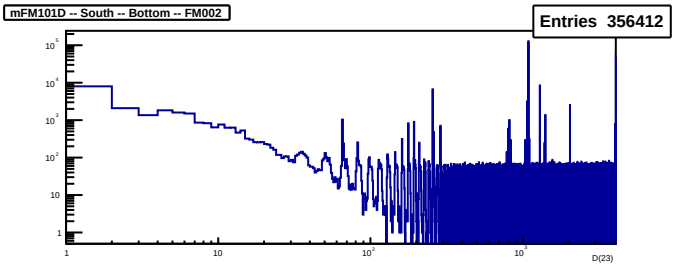
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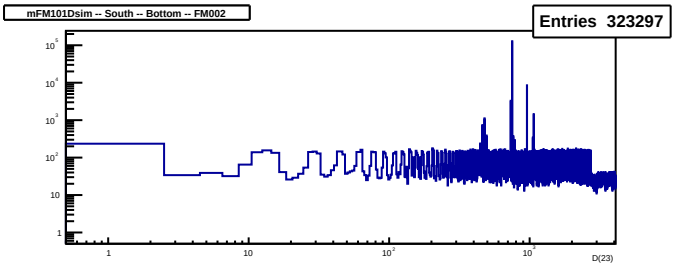
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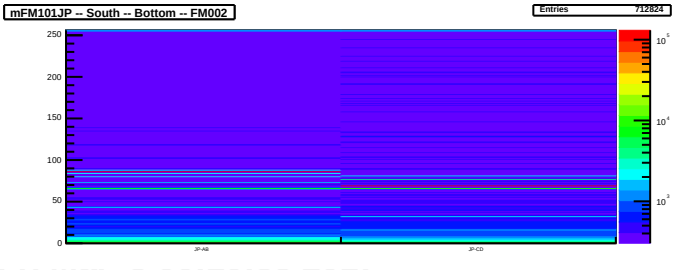
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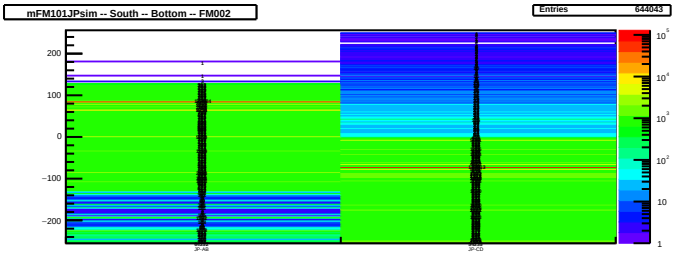
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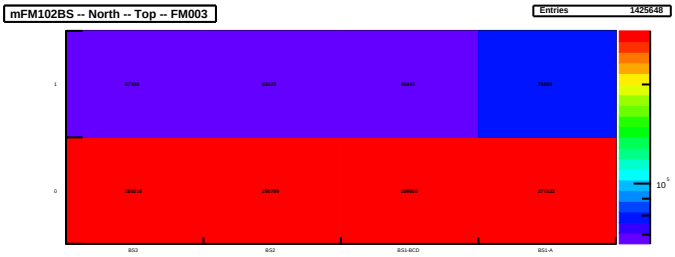
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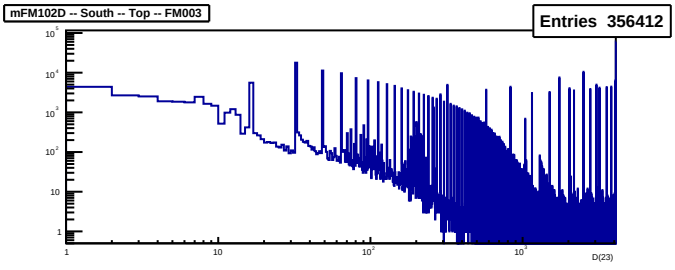
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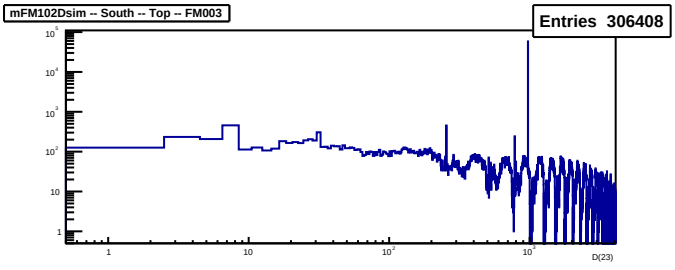
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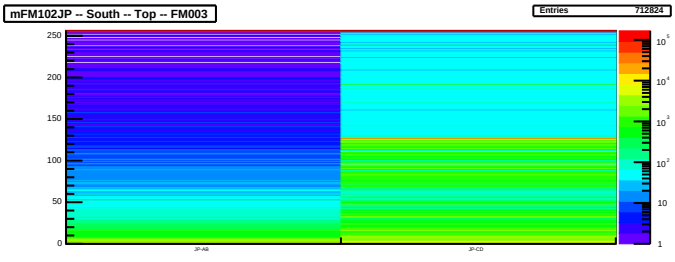
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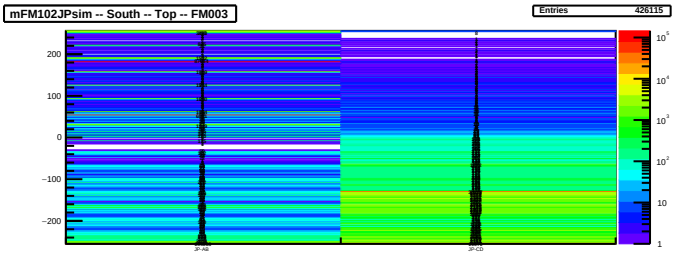
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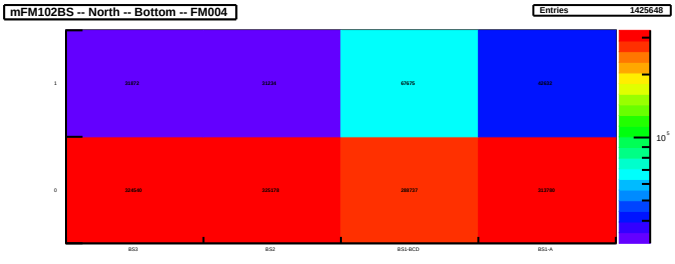
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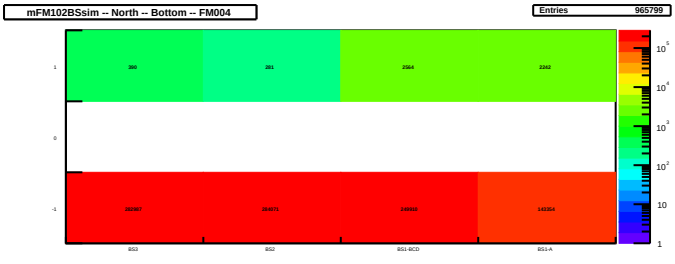
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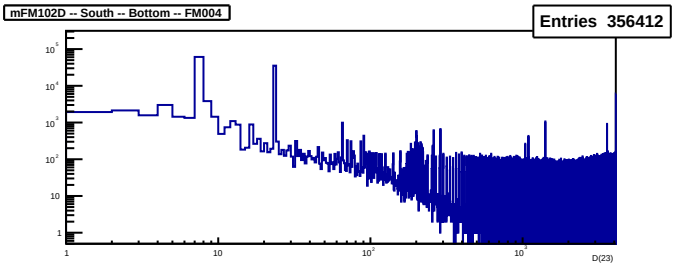
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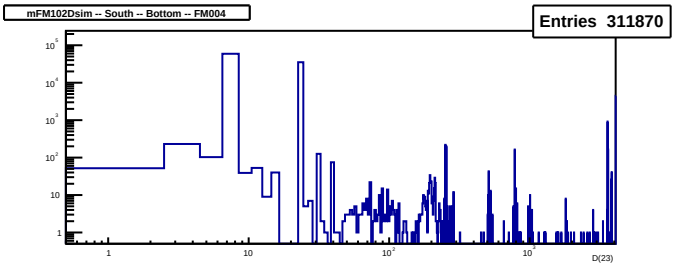
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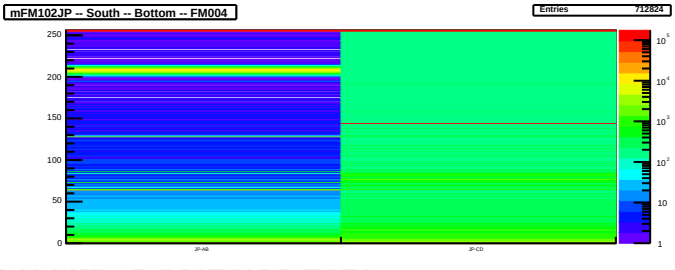
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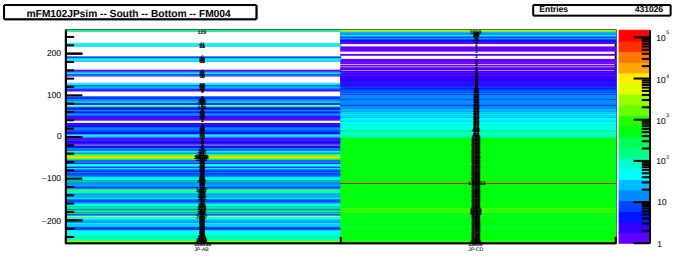
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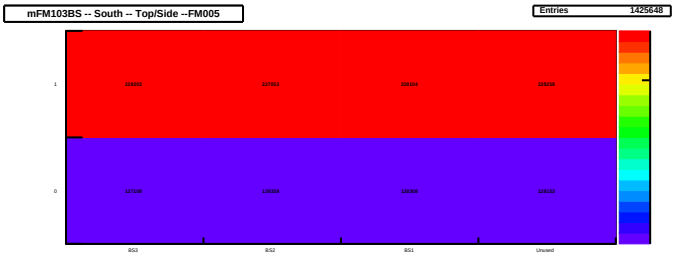
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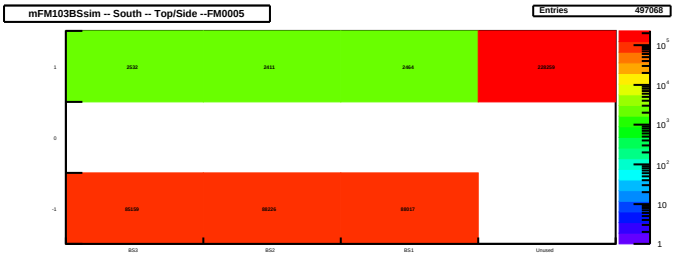
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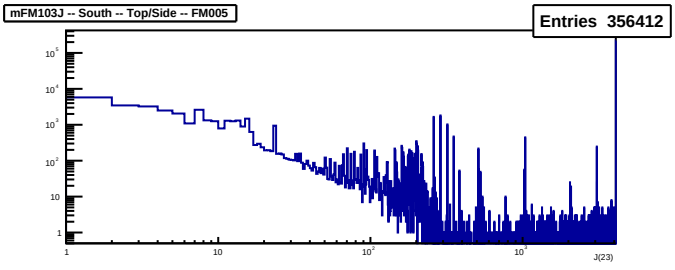
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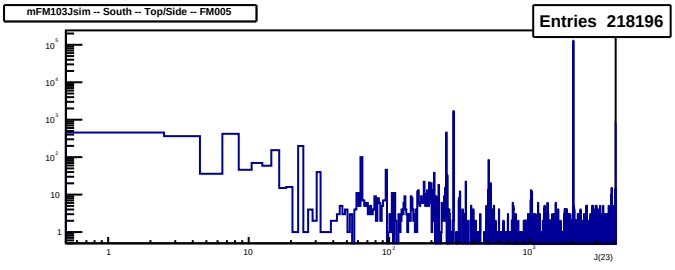
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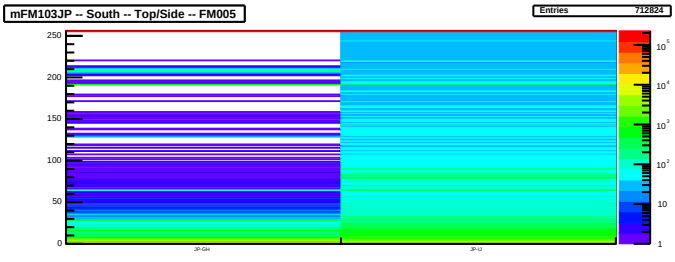
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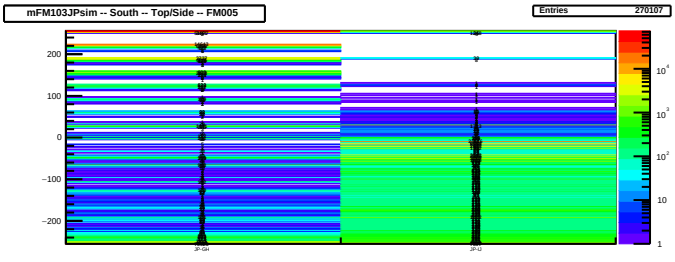
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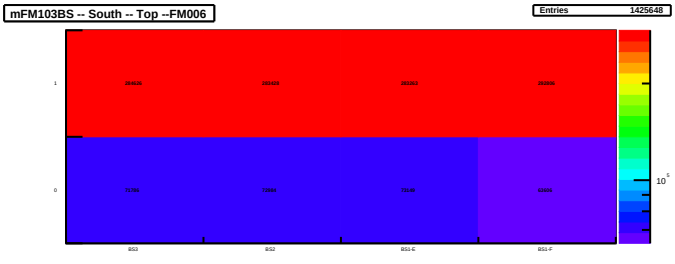
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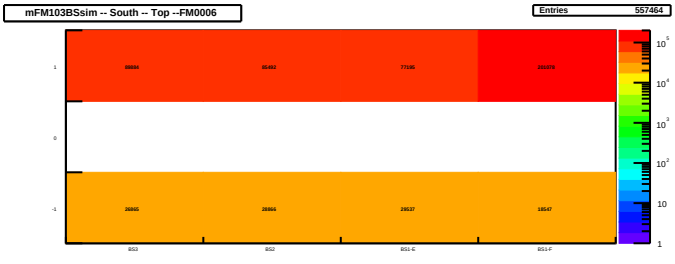
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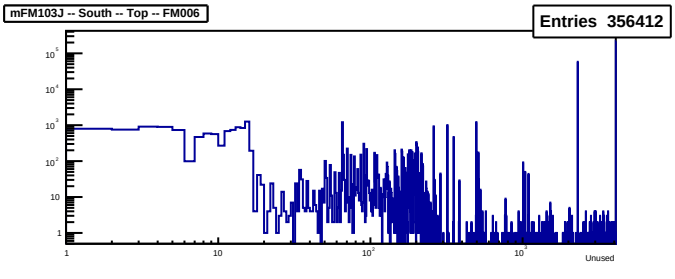
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Entries 356412
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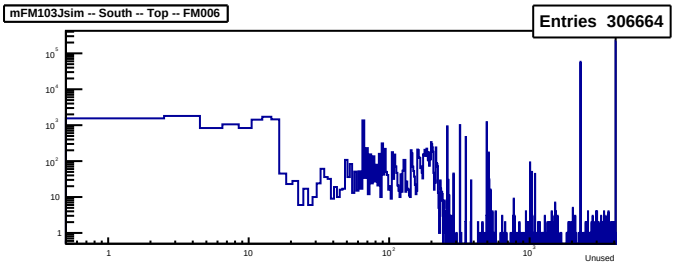
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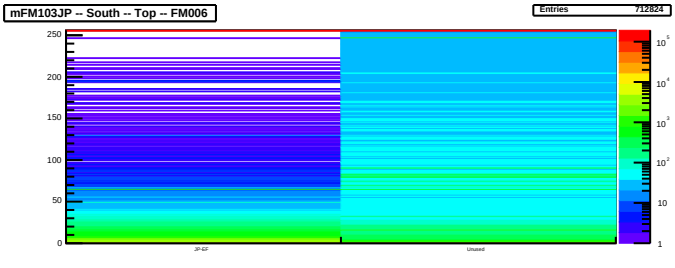
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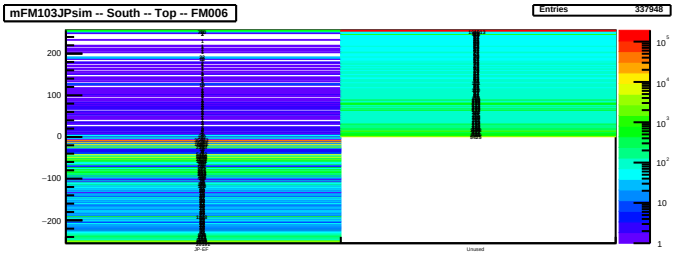
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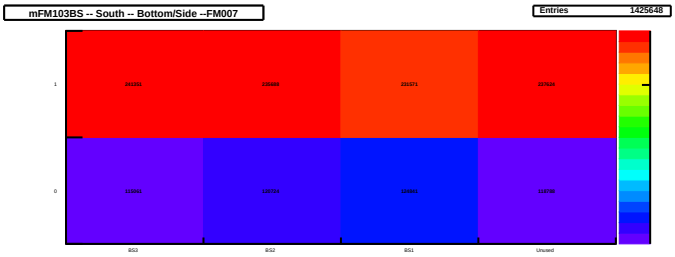
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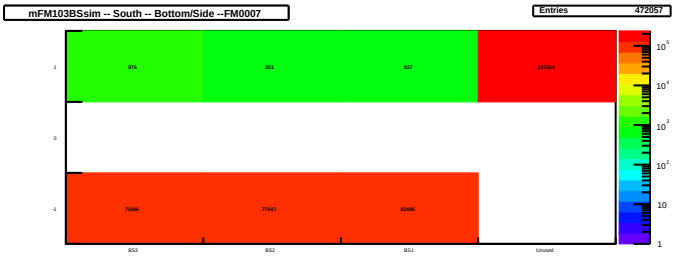
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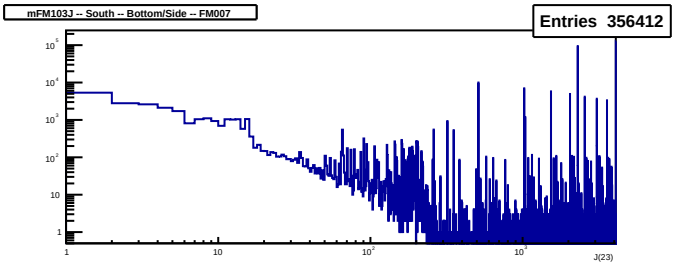
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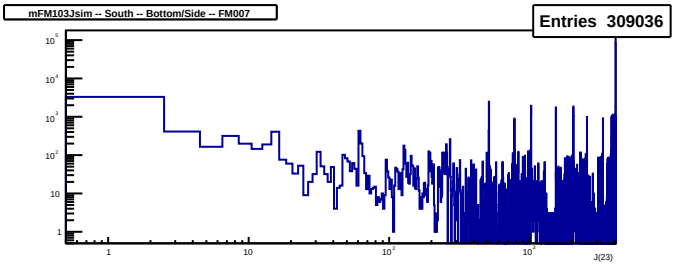
Entries 356412
J(23)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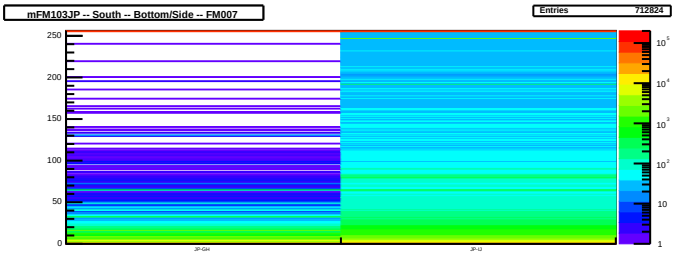
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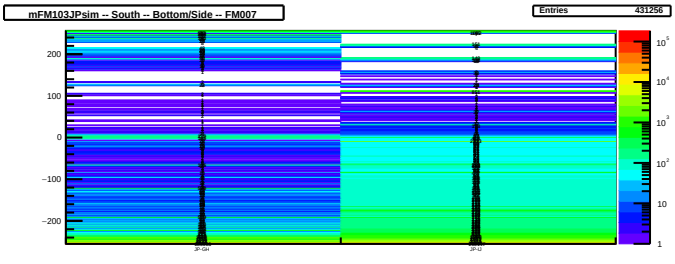
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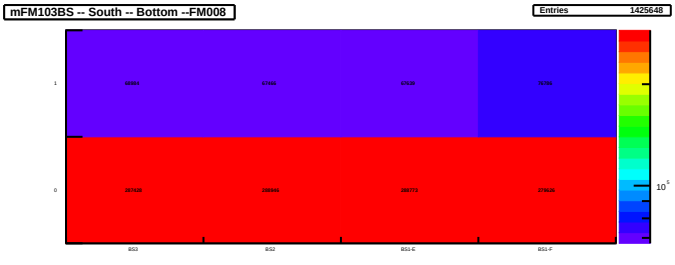
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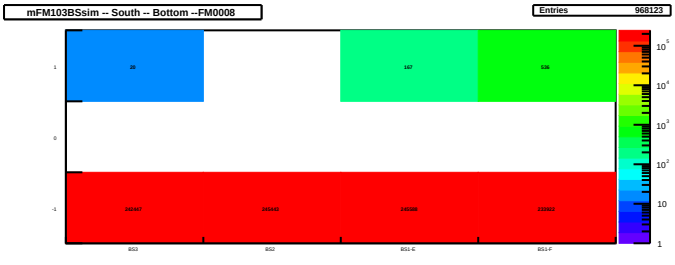
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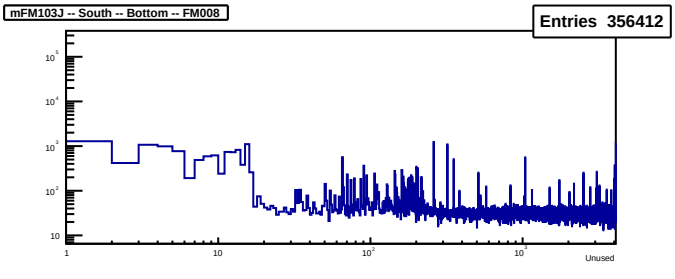
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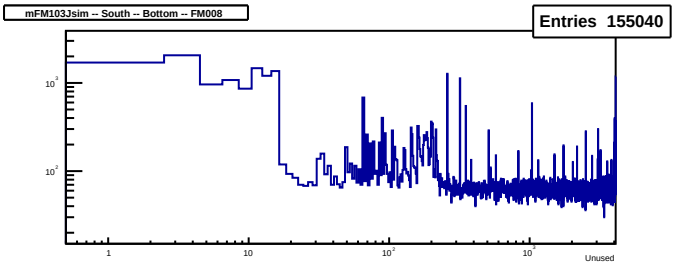
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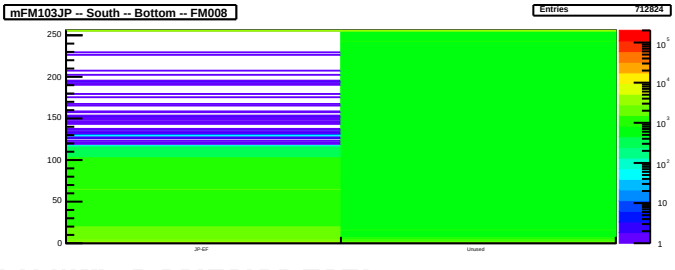
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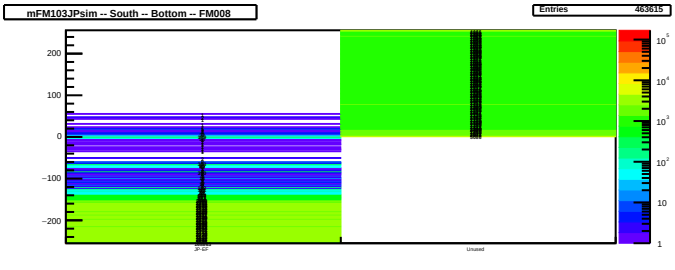
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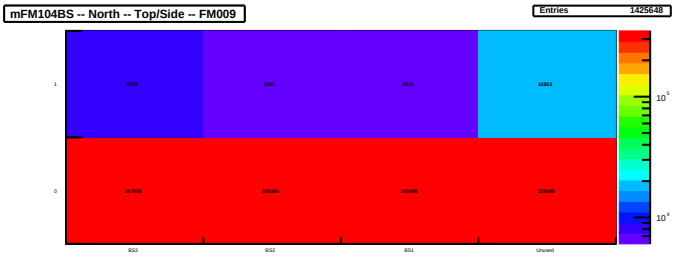
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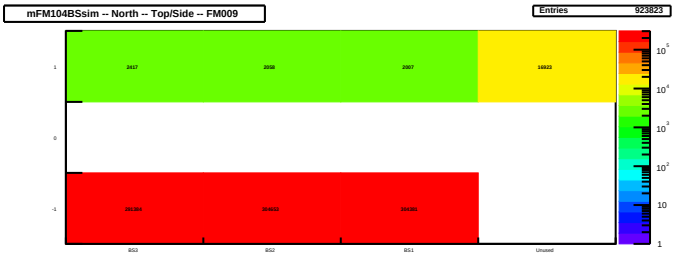
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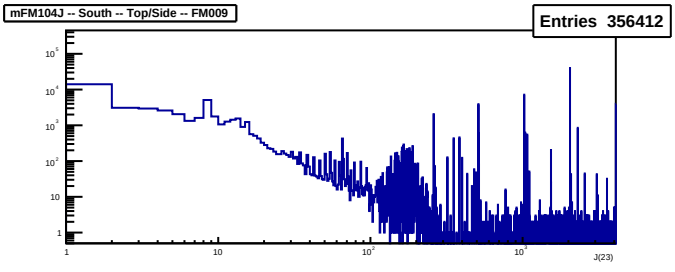
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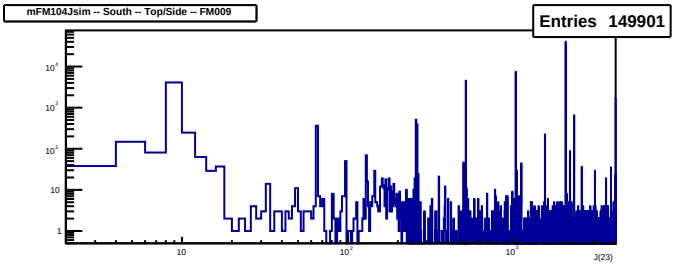
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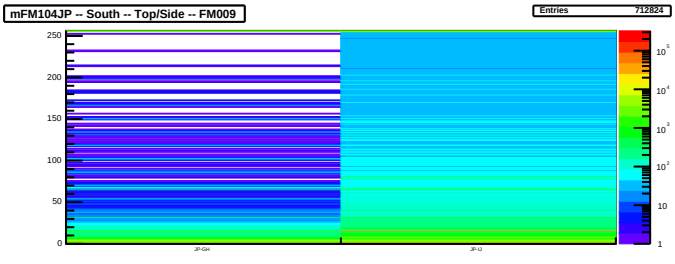
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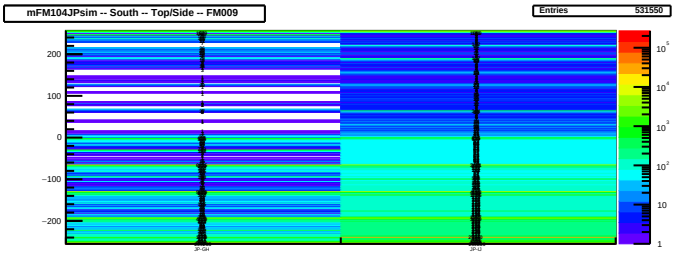
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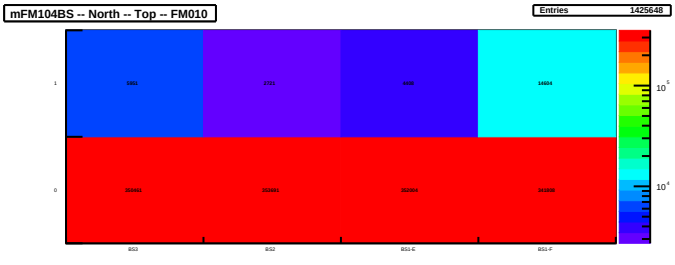
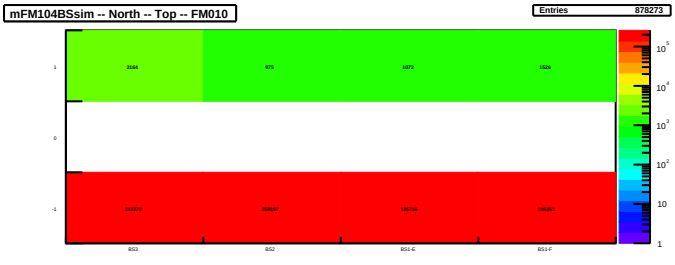
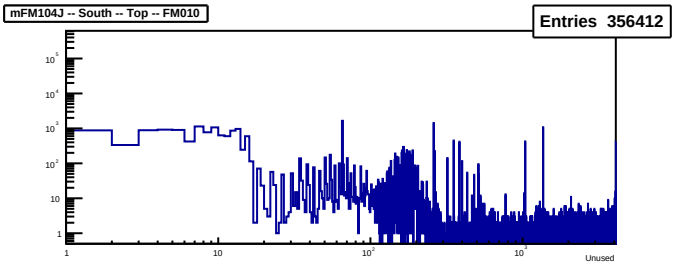
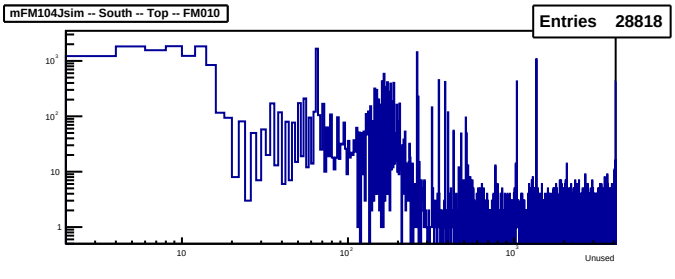
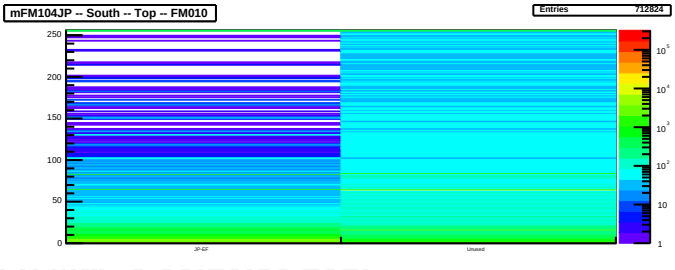
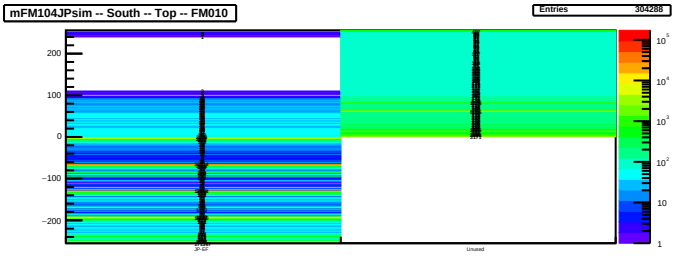

mFM104BS -- North -- Top -- FM010
Entries 1425648

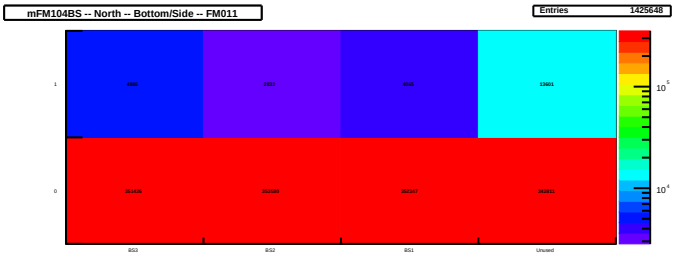

mFM104BSsim -- North -- Top -- FM010
Entries 878273

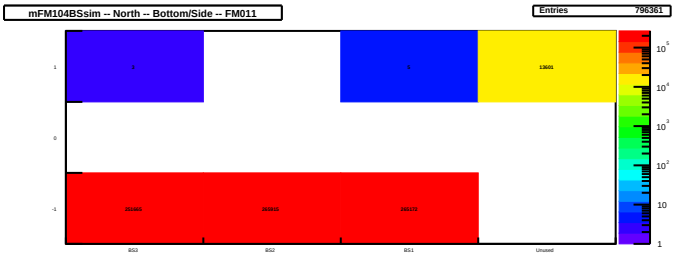

mFM104J -- South -- Top -- FM010
Entries 356412
Unused

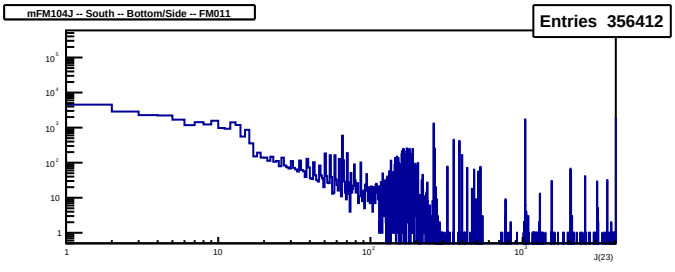

mFM104Jsim -- South -- Top -- FM010
Entries 28818
Unused

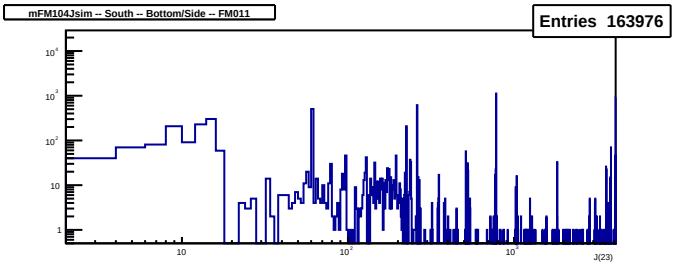

mFM104JP -- South -- Top -- FM010
Entries 712824

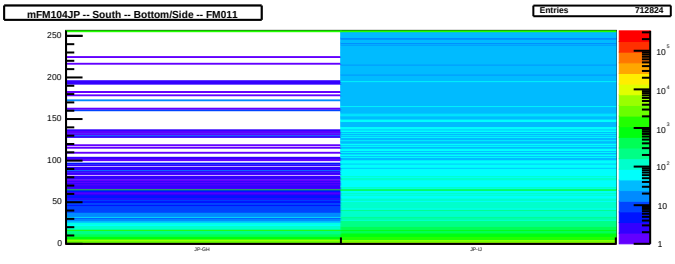

mFM104JPsim -- South -- Top -- FM010
Entries 304288

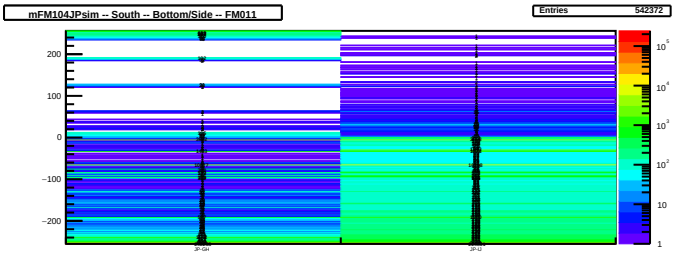

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1425648

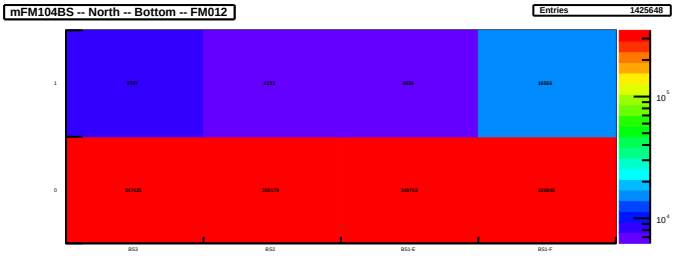

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 796361

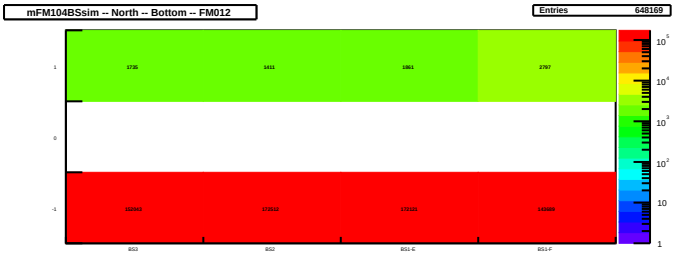

mFM104J -- South -- Bottom/Side -- FM011
Entries 356412
J(23)

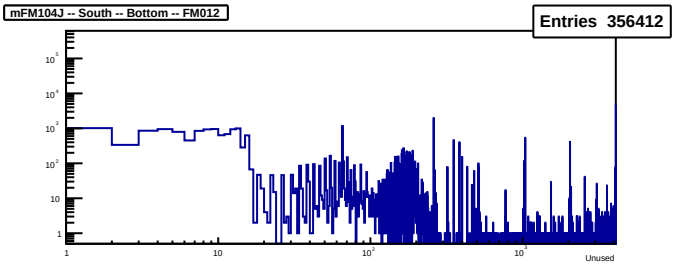

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 163976
J(23)

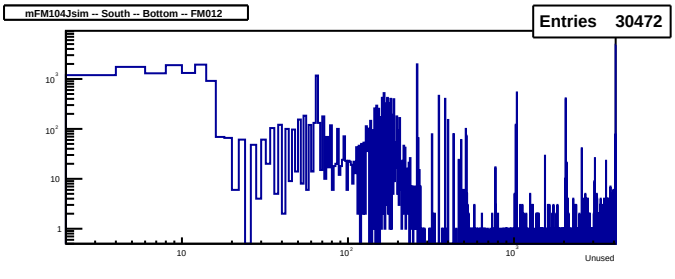

mFM104JP -- South -- Bottom/Side -- FM011
Entries 712824

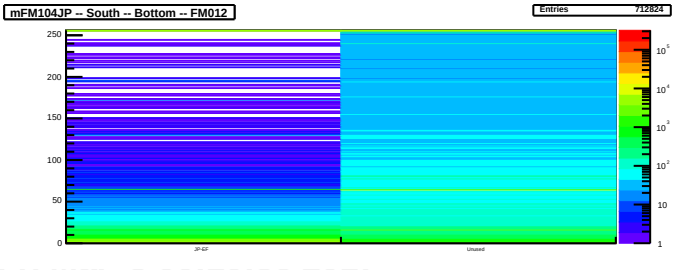

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 542372

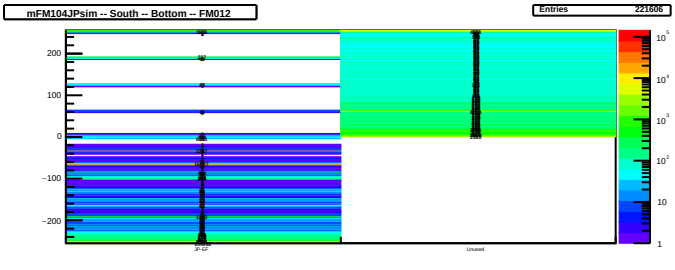

mFM104BS -- North -- Bottom -- FM012
Entries 1425648

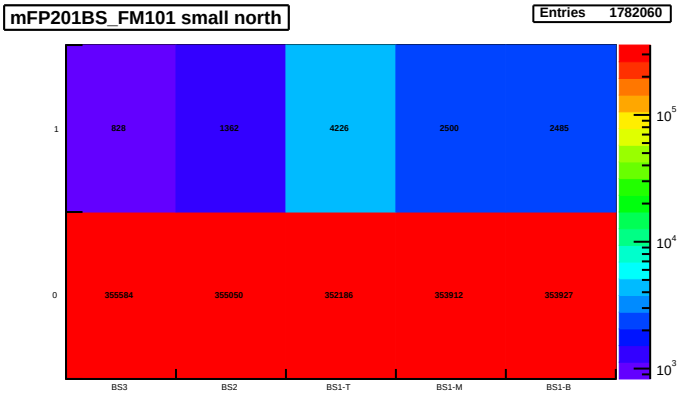

mFM104BSsim -- North -- Bottom -- FM012
Entries 648169

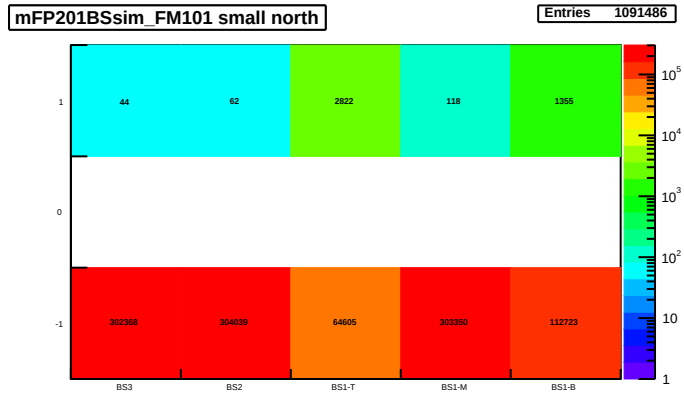

mFM104J -- South -- Bottom -- FM012
Entries 356412
Unused

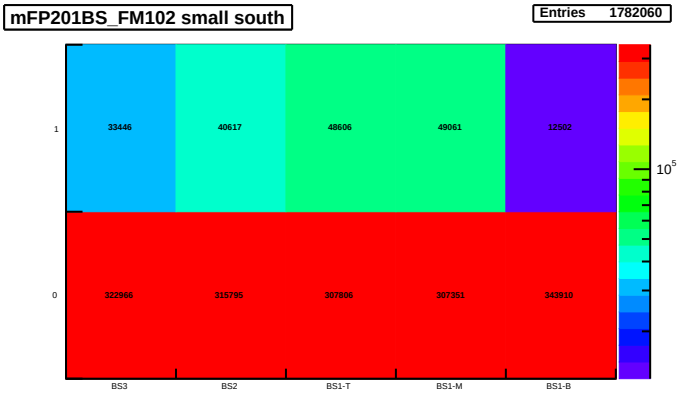

mFM104Jsim -- South -- Bottom -- FM012
Entries 30472
Unused

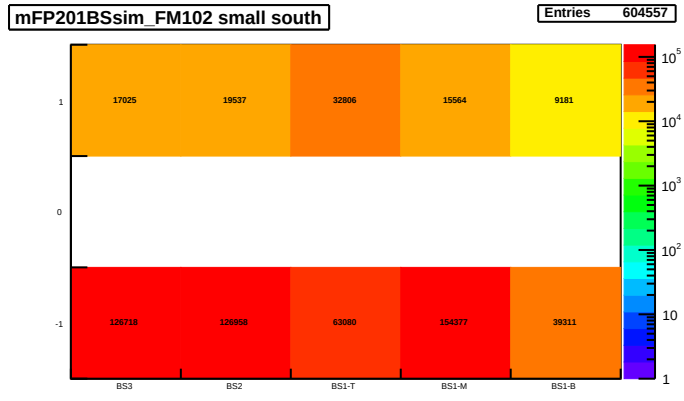

mFM104JP -- South -- Bottom -- FM012
Entries 712824

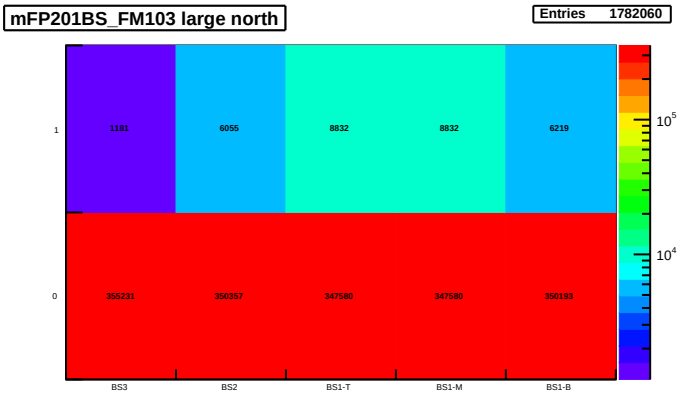

mFM104JPsim -- South -- Bottom -- FM012
Entries 221606

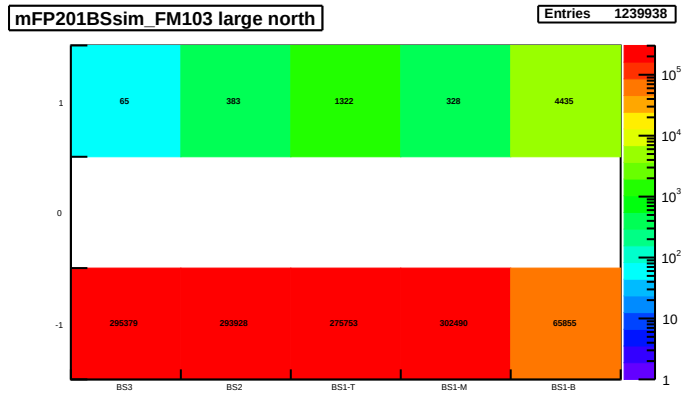

mFP201BS_FM101 small north
Entries 1782060
828
1362
4226
2500
2485
355584
355050
352186
353912
353927
BS3
BS2
BS1-T
BS1-M
BS1-B

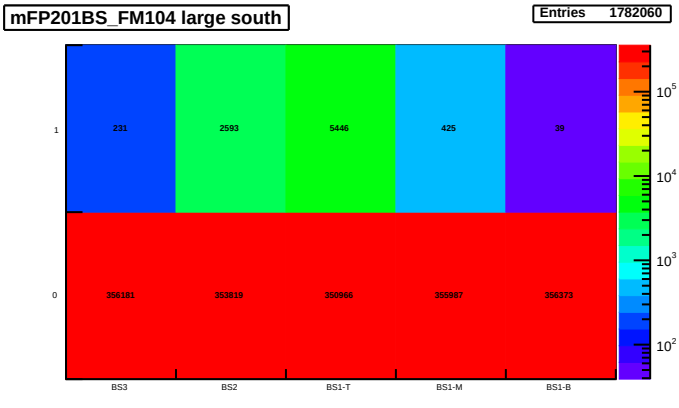

mFP201BSsim_FM101 small north
Entries 1091486
44
62
2822
118
1355
302368
304039
64605
303350
112723
BS3
BS2
BS1-T
BS1-M
BS1-B

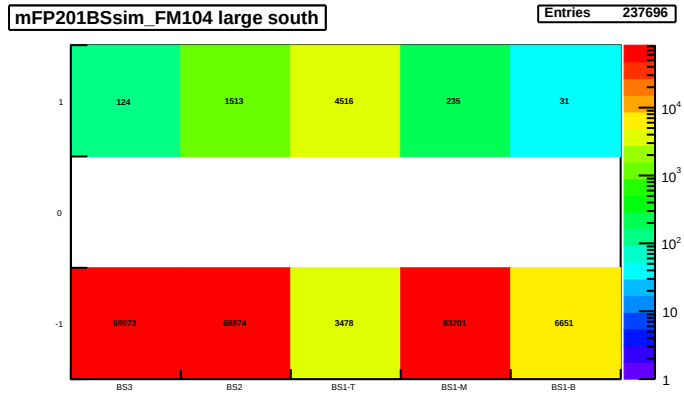

mFP201BS_FM102 small south
Entries 1782060
33446
40617
48606
49061
12502
322966
315795
307806
307351
343910
BS3
BS2
BS1-T
BS1-M
BS1-B

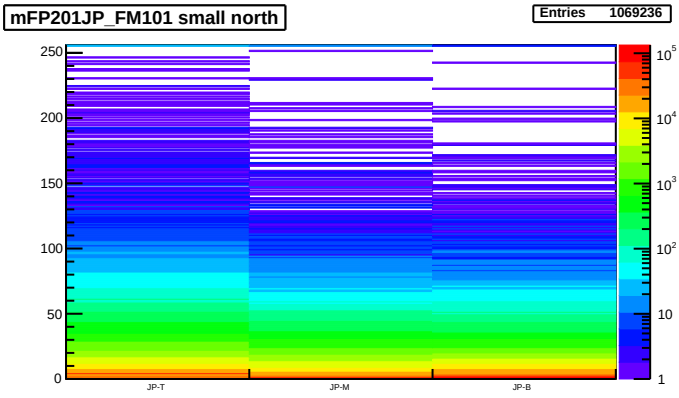

mFP201BSsim_FM102 small south
Entries 604557
17025
19537
32806
15564
9181
126718
126958
63080
154377
39311
BS3
BS2
BS1-T
BS1-M
BS1-B

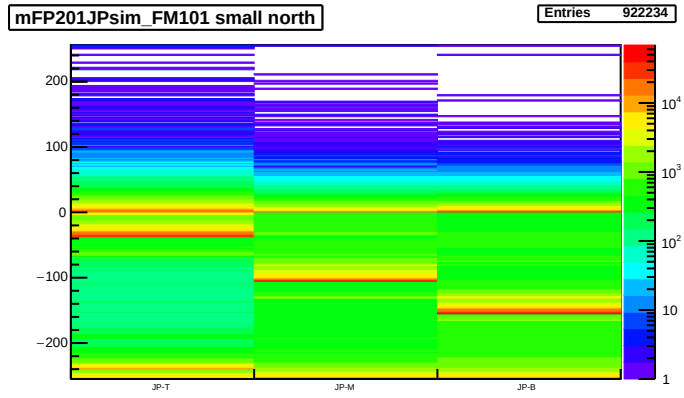

mFP201BS_FM103 large north
Entries 1782060
1181
6055
8832
8832
6219
355231
350357
347580
347580
350193
BS3
BS2
BS1-T
BS1-M
BS1-B

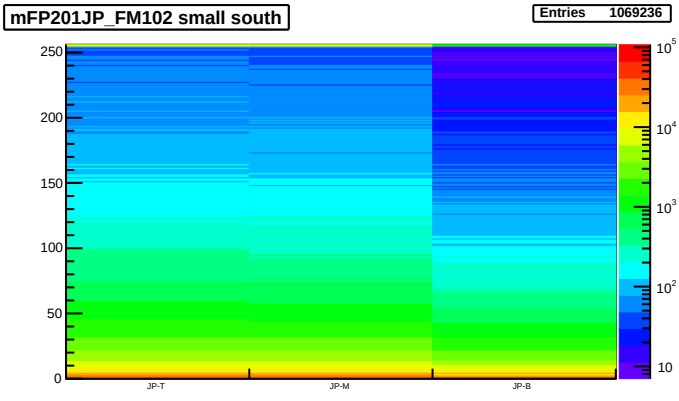

mFP201BSsim_FM103 large north
Entries 1239938
65
383
1322
328
4435
295379
293928
275753
302490
65855
BS3
BS2
BS1-T
BS1-M
BS1-B

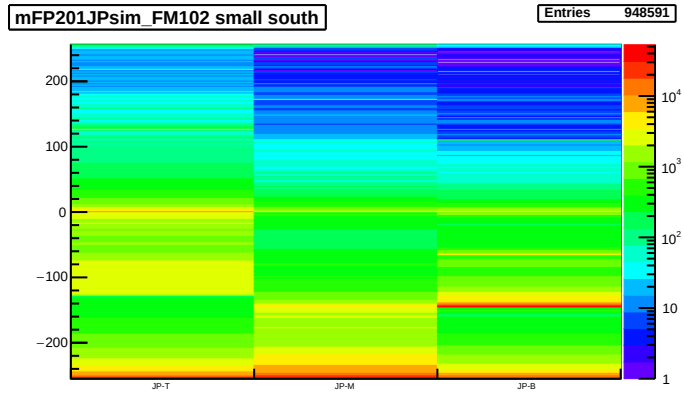

mFP201BS_FM104 large south
Entries 1782060
231
2593
5446
425
39
356181
353819
350966
355987
356373
BS3
BS2
BS1-T
BS1-M
BS1-B

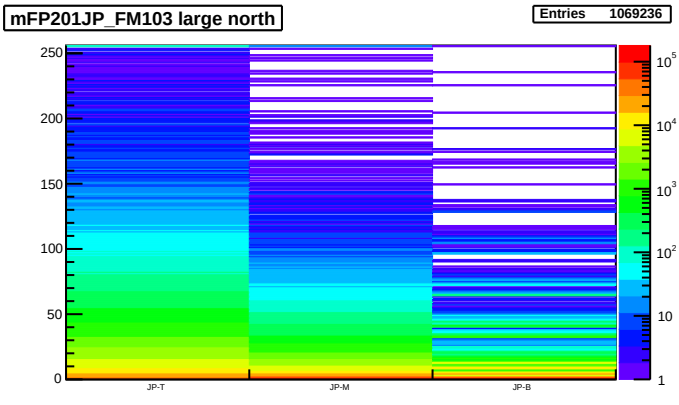

mFP201BSsim_FM104 large south
Entries 237696
124
1513
4516
235
31
69073
68874
3478
83201
6651
BS3
BS2
BS1-T
BS1-M
BS1-B

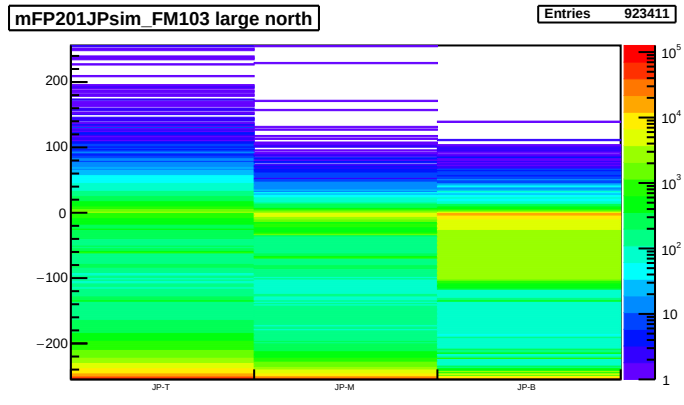

mFP201JP_FM101 small north
Entries 1069236
JP-T
JP-M
JP-B

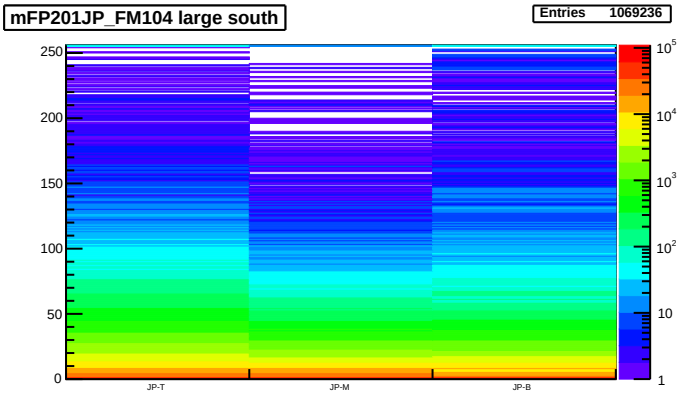

mFP201JPsim_FM101 small north
Entries 922234
JP-T
JP-M
JP-B

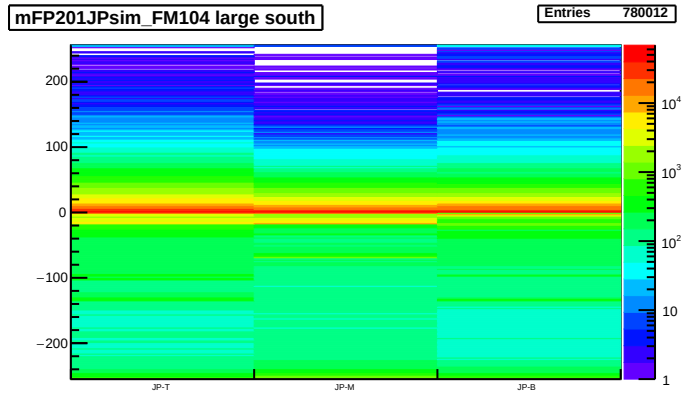

mFP201JP_FM102 small south
Entries 1069236
JP-T
JP-M
JP-B

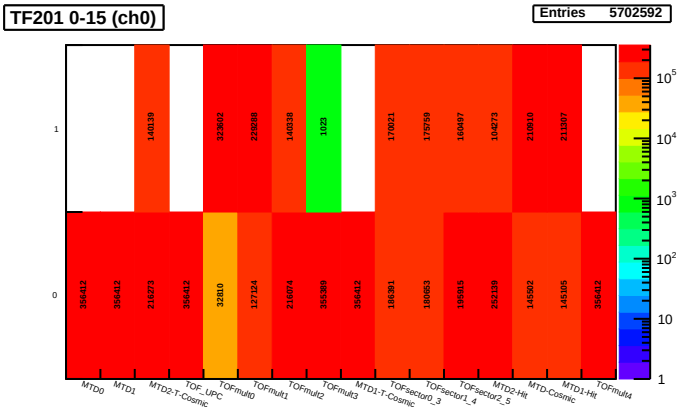

mFP201JPsim_FM102 small south
Entries 948591
JP-T
JP-M
JP-B

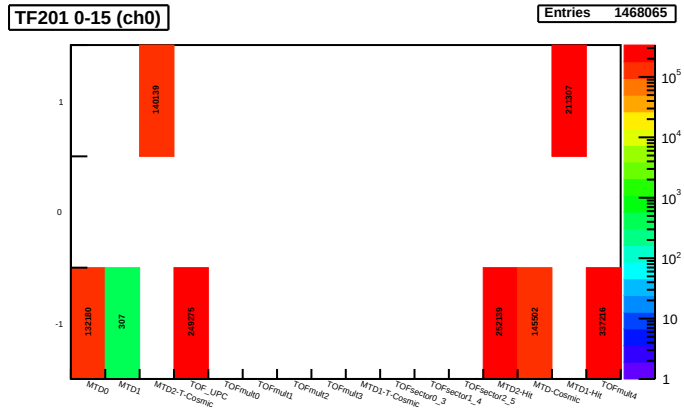

mFP201JP_FM103 large north
Entries 1069236
JP-T
JP-M
JP-B

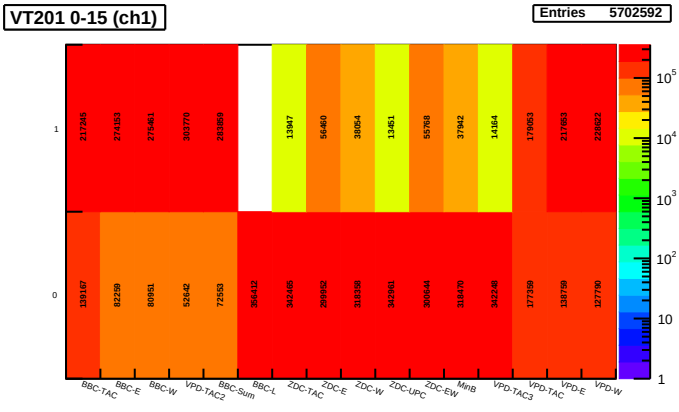

mFP201JPsim_FM103 large north
Entries 923411
JP-T
JP-M
JP-B

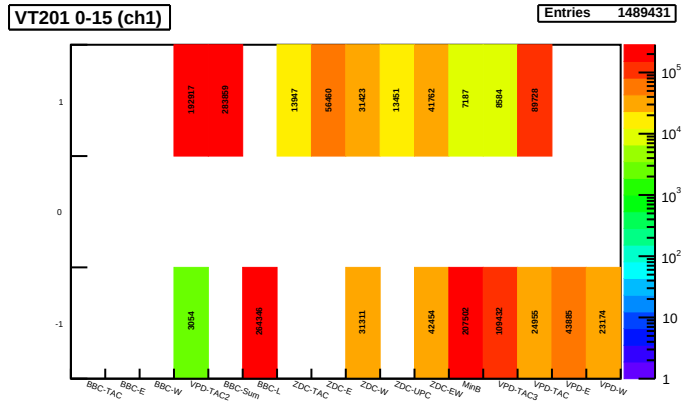

mFP201JP_FM104 large south
Entries 1069236
JP-T
JP-M
JP-B

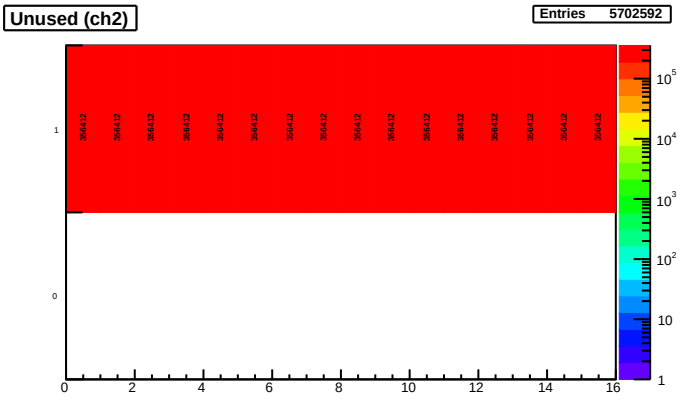

mFP201JPsim_FM104 large south
Entries 780012
JP-T
JP-M
JP-B

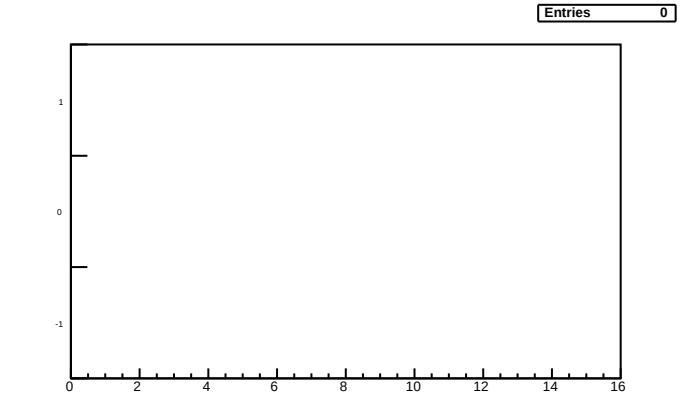

TF201 0-15 (ch0)
Entries 5702592
140139 323802 229288 140338 1023 170921 175759 160497 104273 210910 211307
356412 356412 216273 356412 32810 127124 216074 355389 356412 186391 180663 195815 252139 145302 145305 356412
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

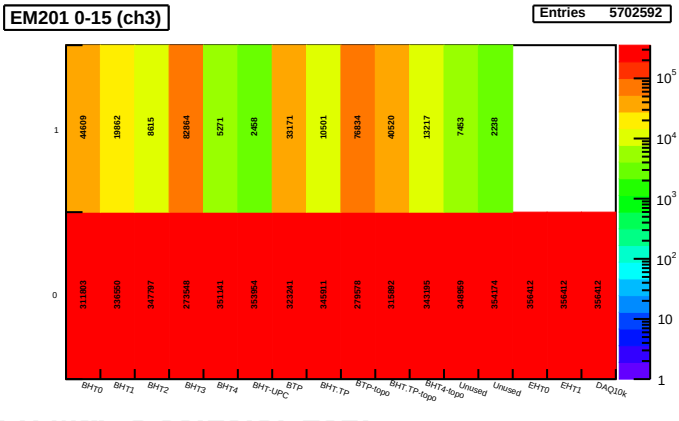

TF201 0-15 (ch0)
Entries 1468065
140139 211307
132180 307 249275 252139 145302 337216
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

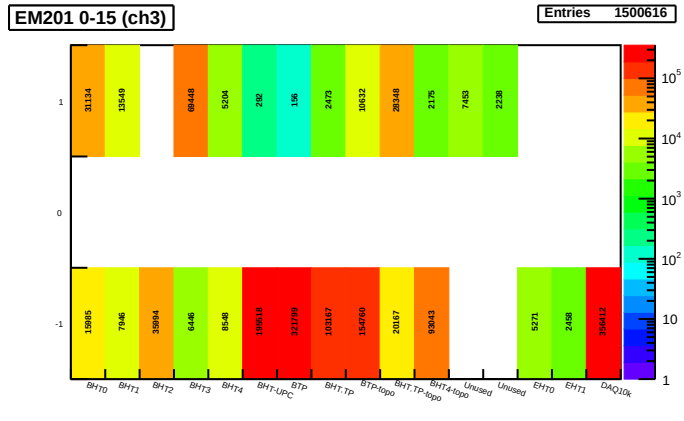

VT201 0-15 (ch1)
Entries 5702592
217245 274153 275461 303770 283859 13947 56460 38054 13451 55768 37942 14164 179053 217653 228622
139167 82259 80951 52642 72553 356412 342465 299952 318358 342961 300644 318470 342248 177339 138759 127780
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

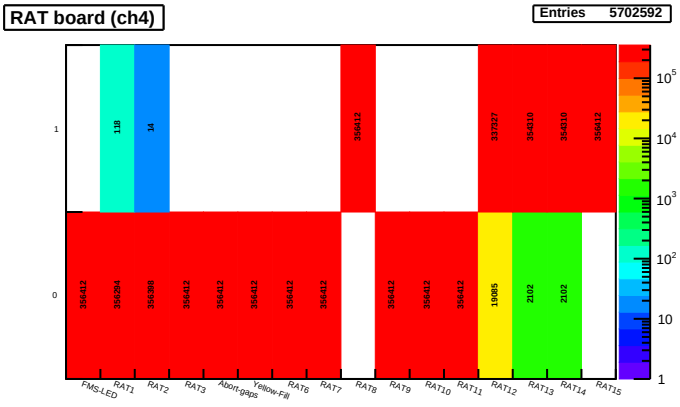

VT201 0-15 (ch1)
Entries 1489431
192817 283859 13947 56460 31423 13451 41762 7187 8584 89728
3054 264346 31311 42494 207502 109432 24955 43885 23174
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

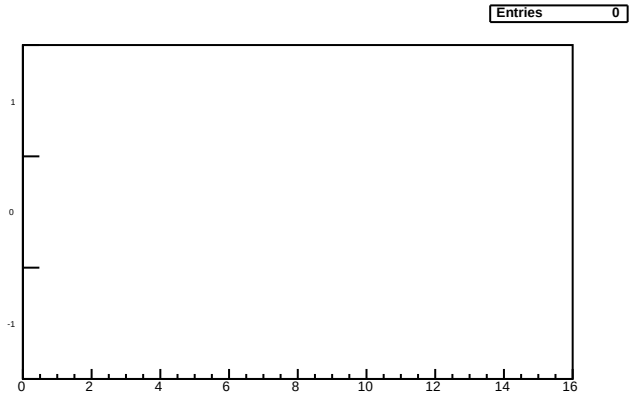

Unused (ch2)
Entries 5702592
356412 356412 356412 356412 356412 356412 356412 356412 356412 356412 356412 356412 356412 356412 356412

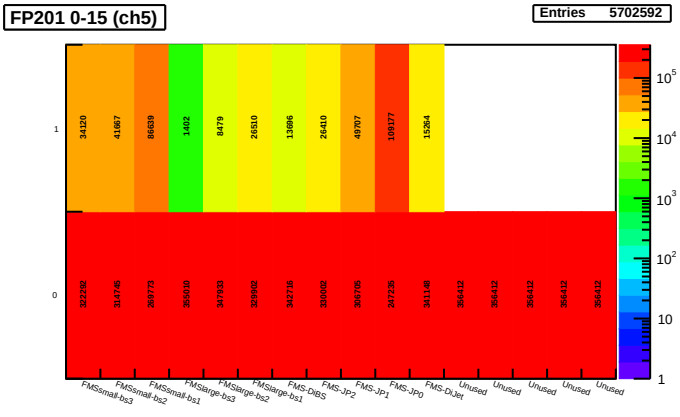

Entries 0


EM201 0-15 (ch3)
Entries 5702592
44609 19862 8615 82864 5271 2468 33171 10901 76834 40520 13217 7453 2238
311803 336550 347797 273548 351141 353954 322381 345911 279578 315892 343195 348959 354174 356412 356412 356412
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 1500616
31134 13549 69448 5204 292 156 2473 10632 26348 2175 7493 2238
15985 7946 35994 6446 8548 106518 321799 103167 154760 20167 93043 5271 2458 356412
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 5702592
118
14
356412
337327
354310
354310
356412
356412
356294
356308
356412
356412
356412
356412
356412
356412
356412
356412
19085
2102
2102
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 5702592
34120
41667
86639
1402
8479
25610
13896
25410
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FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
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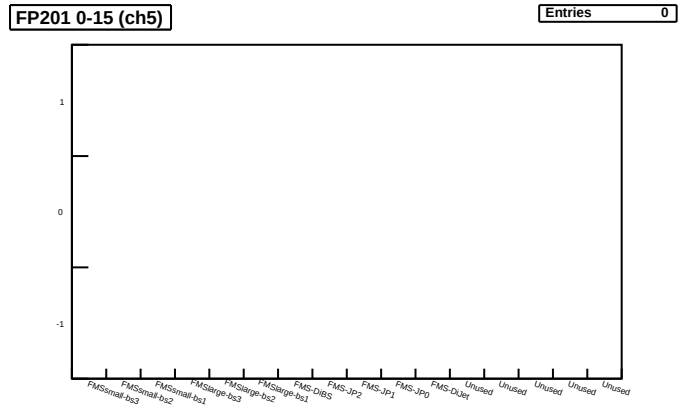
Unused
Unused
Unused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Unused
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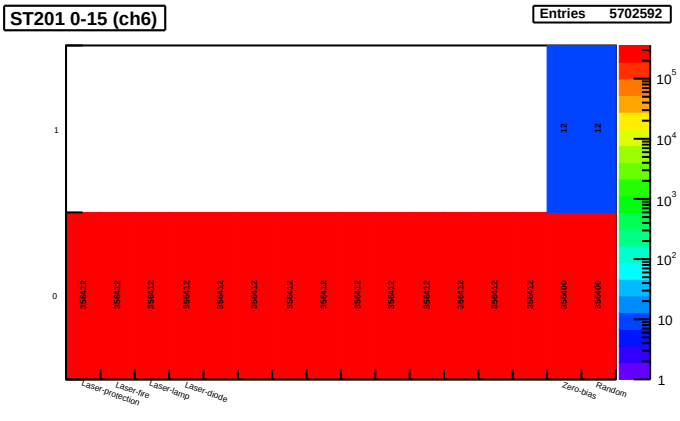
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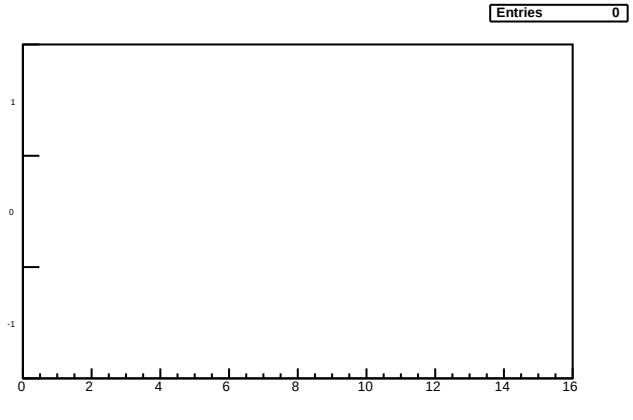
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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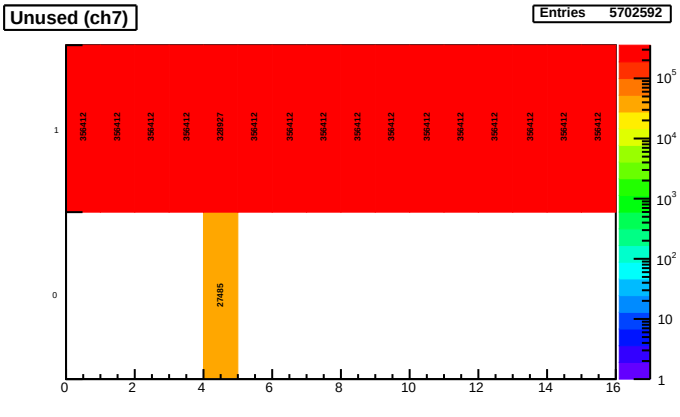
Unused (ch7)
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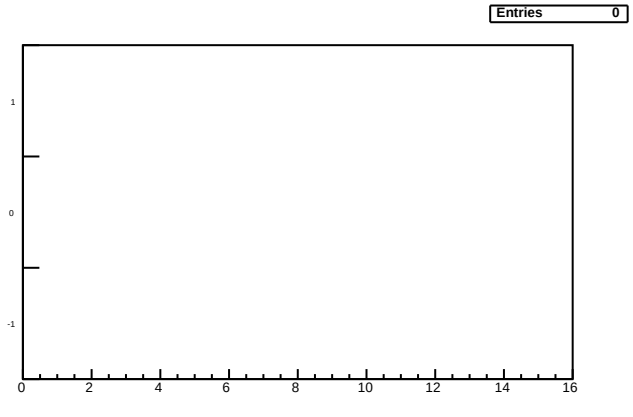
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