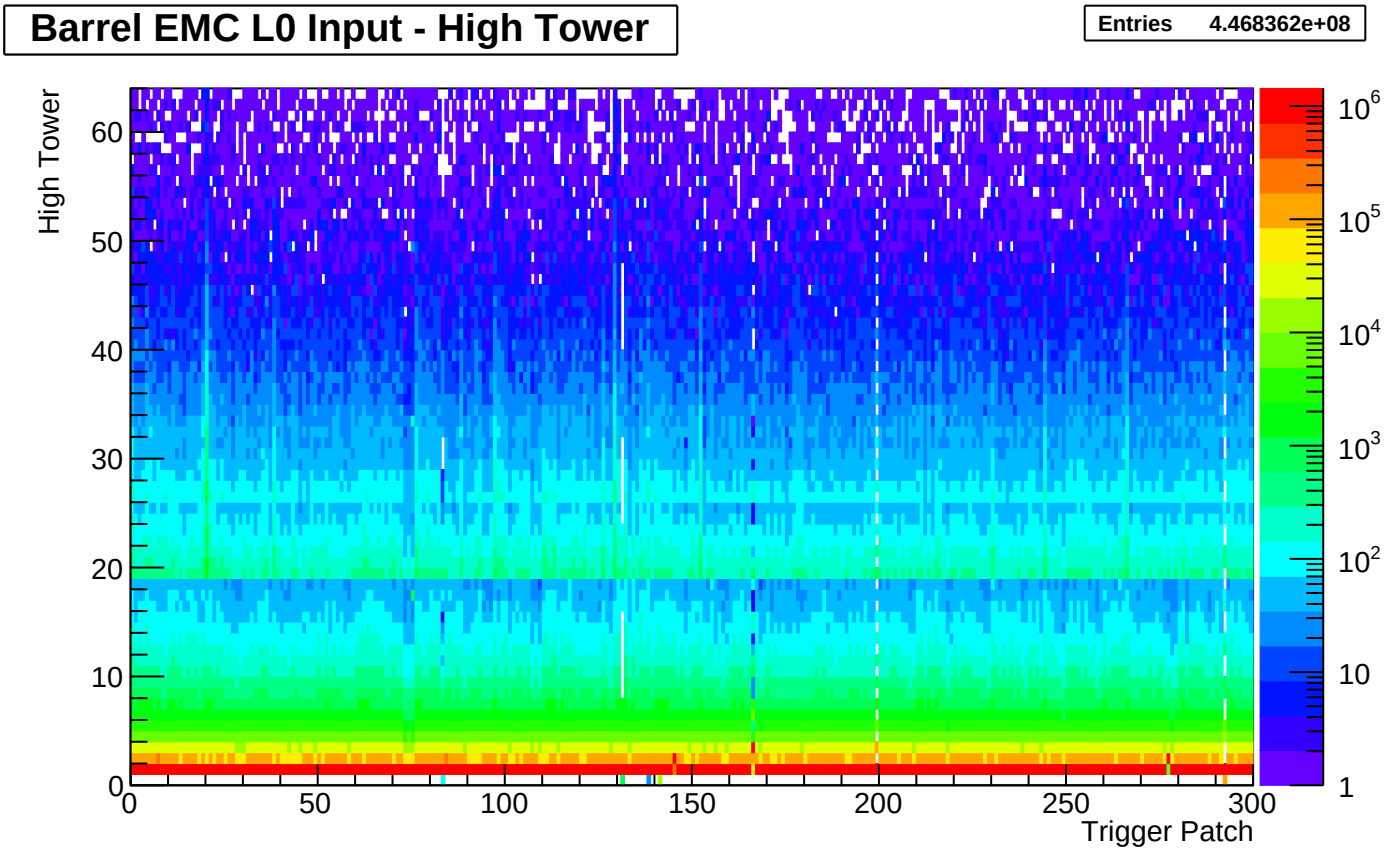
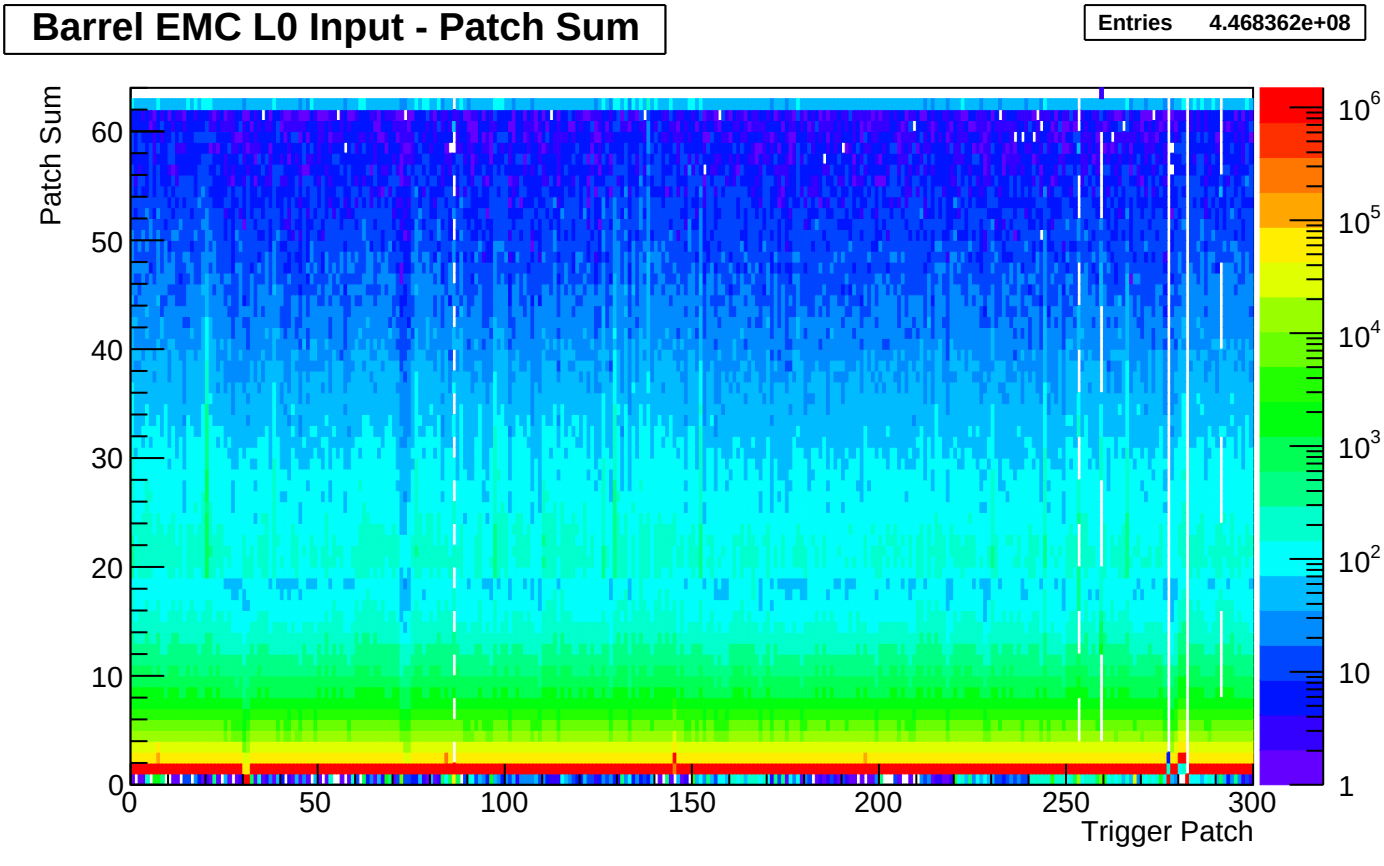
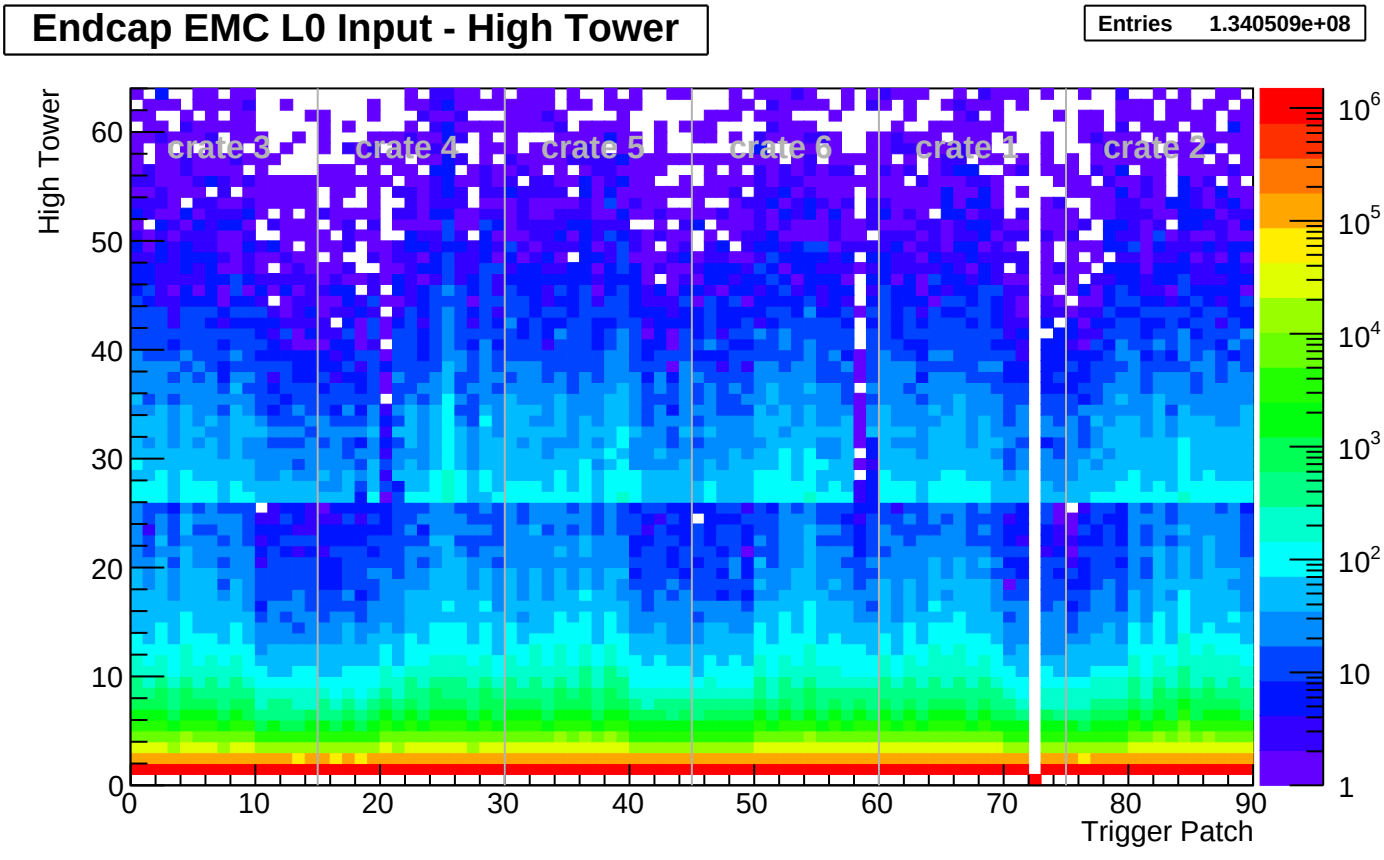
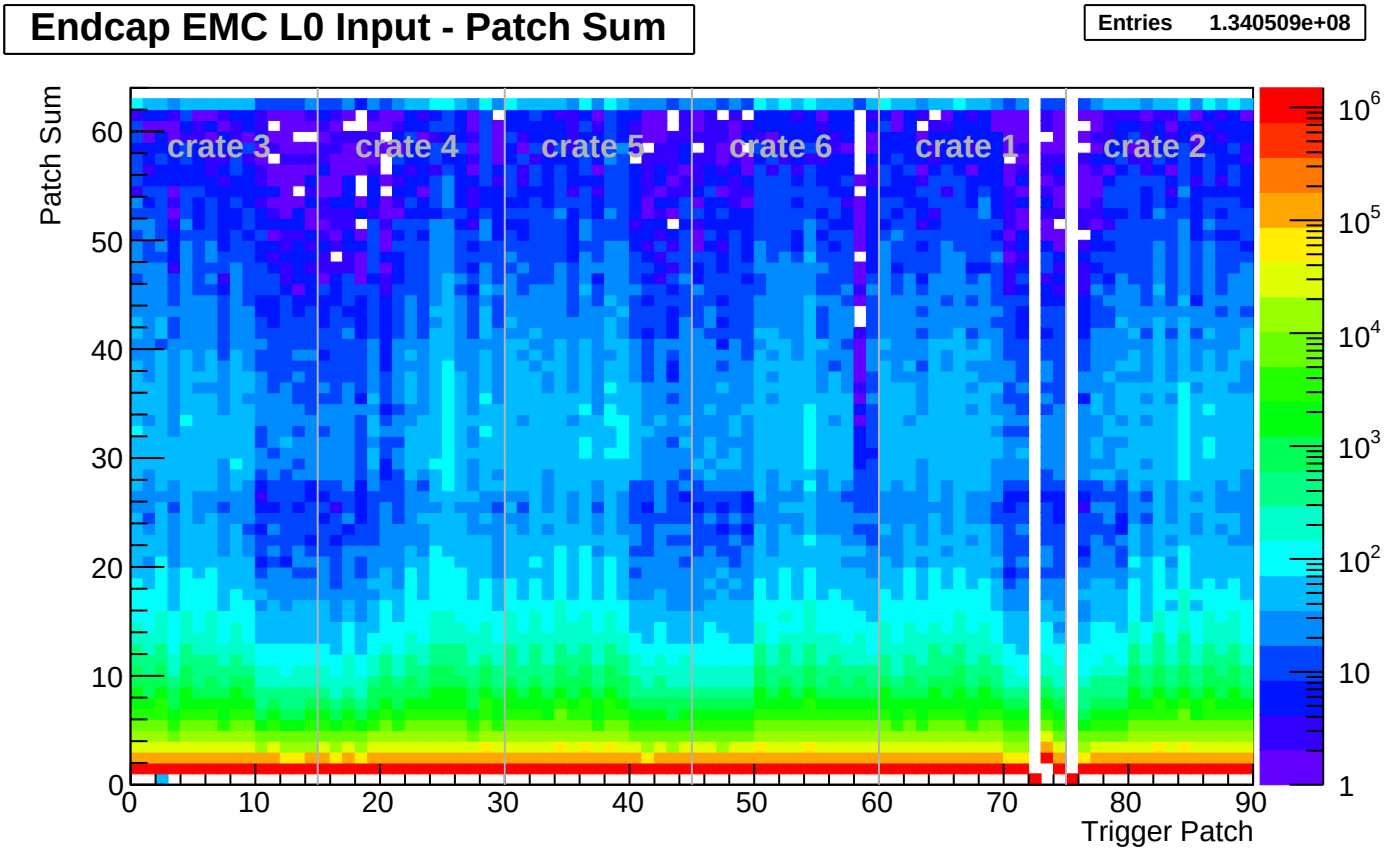
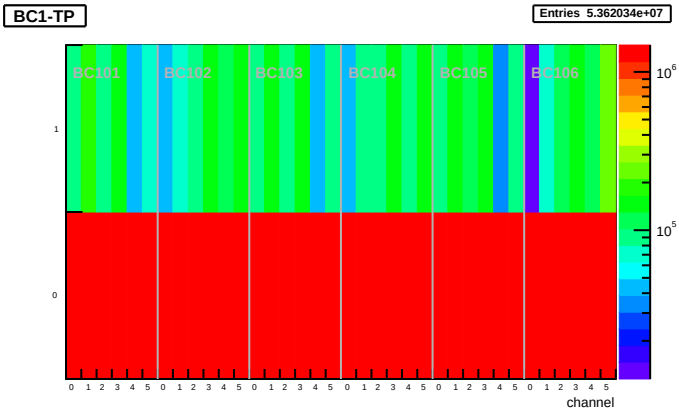
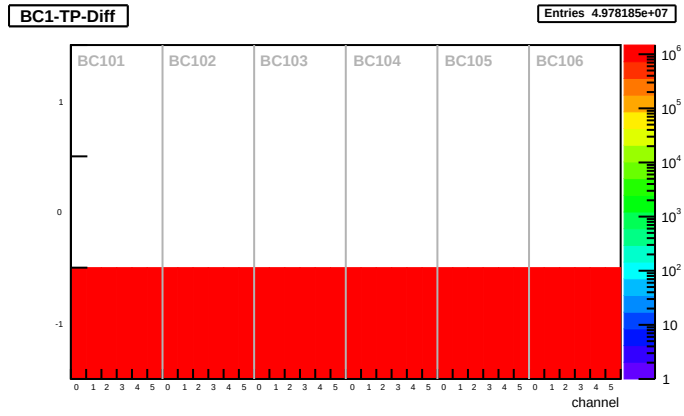

Barrel EMC L0 Input - High Tower
Entries 4.468362e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

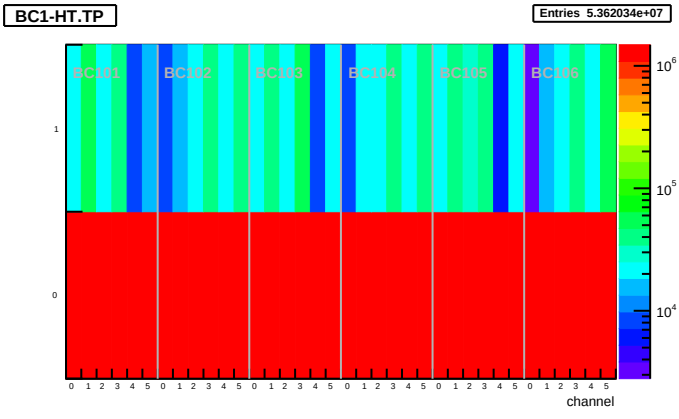

Barrel EMC L0 Input - Patch Sum
Entries 4.468362e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

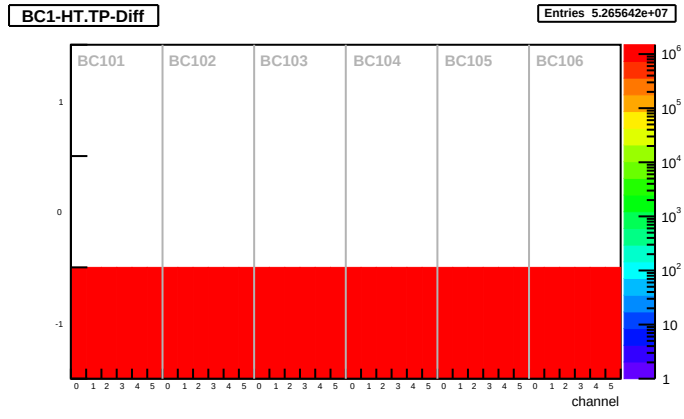

Endcap EMC L0 Input - High Tower
Entries 1.340509e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

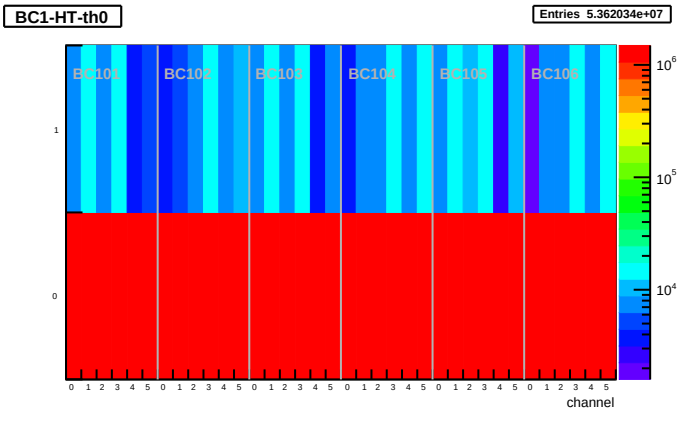

Endcap EMC L0 Input - Patch Sum
Entries 1.340509e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

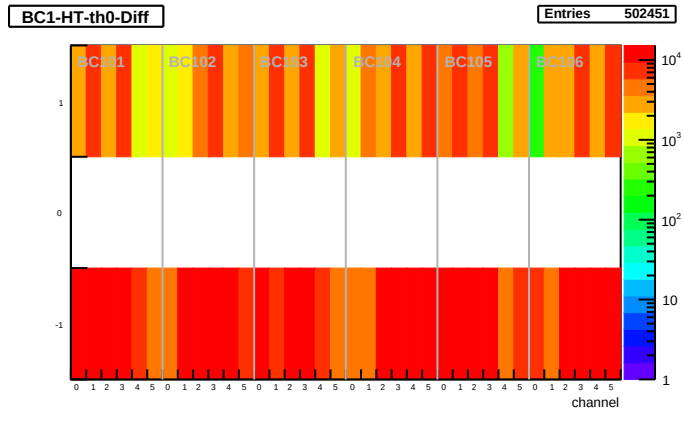

BC1-TP
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

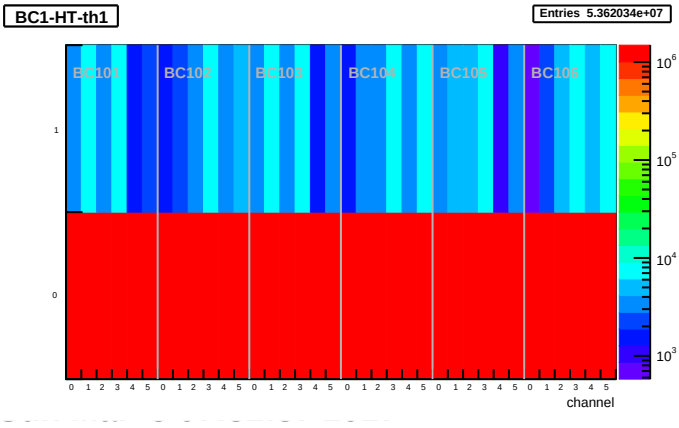

BC1-TP-Diff
Entries 4.978185e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

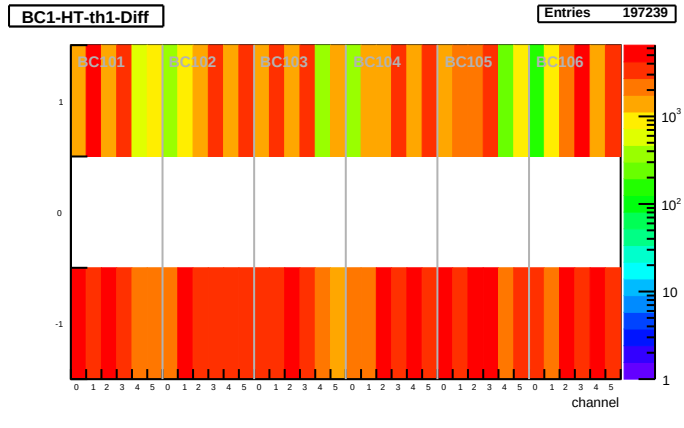

BC1-HT.TP
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

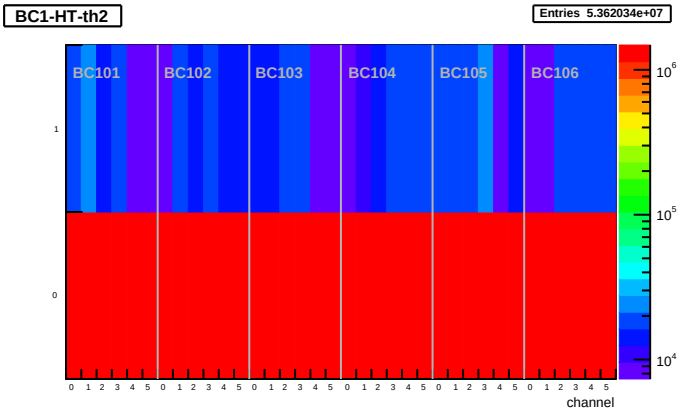

BC1-HT.TP-Diff
Entries 5.265642e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

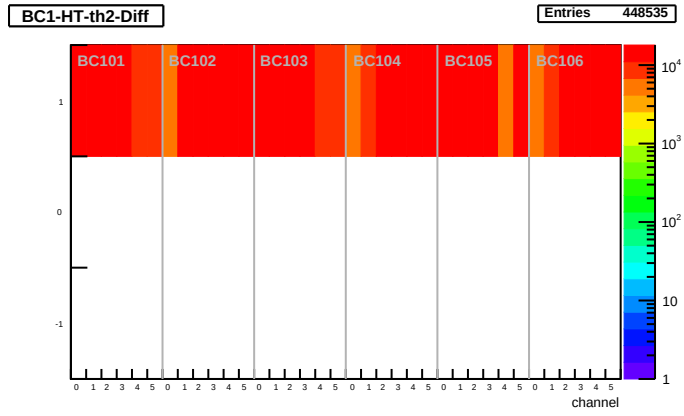

BC1-HT-th0
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

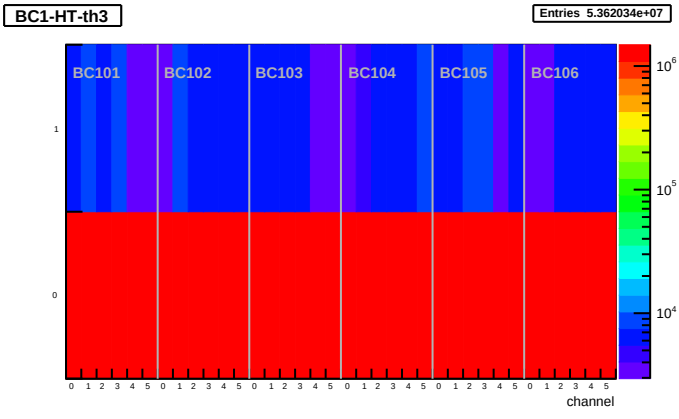

BC1-HT-th0-Diff
Entries 502451
BC101
BC102
BC103
BC104
BC105
BC106
channel

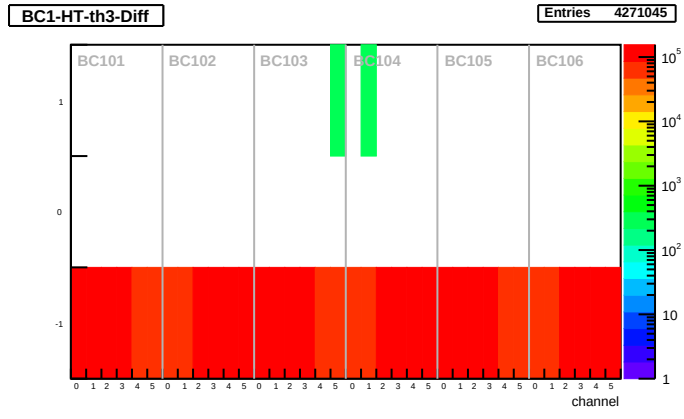

BC1-HT-th1
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

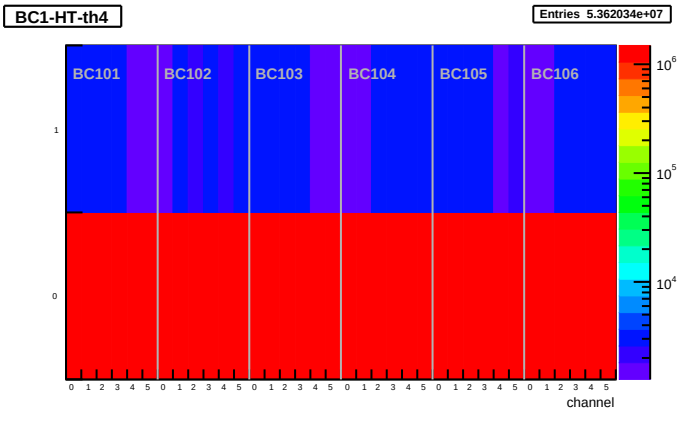

BC1-HT-th1-Diff
Entries 197239
BC101
BC102
BC103
BC104
BC105
BC106
channel

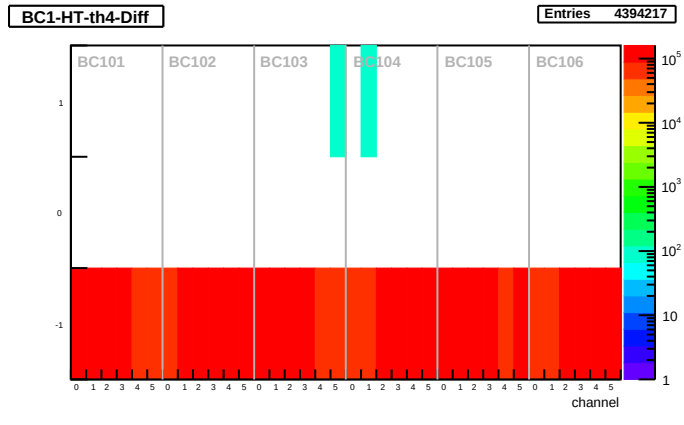

BC1-HT-th2
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

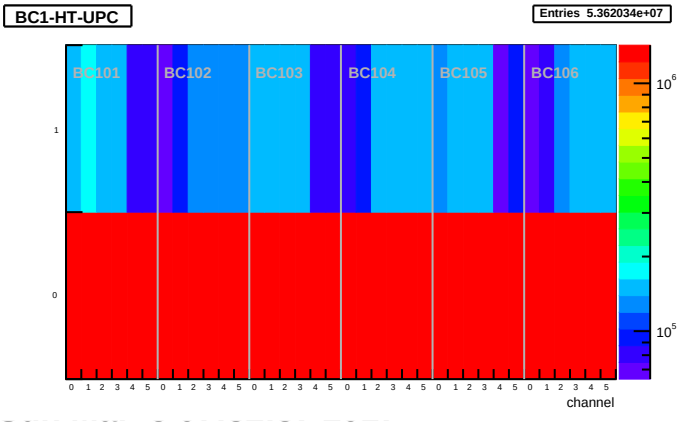

BC1-HT-th2-Diff
Entries 448535
BC101
BC102
BC103
BC104
BC105
BC106
channel

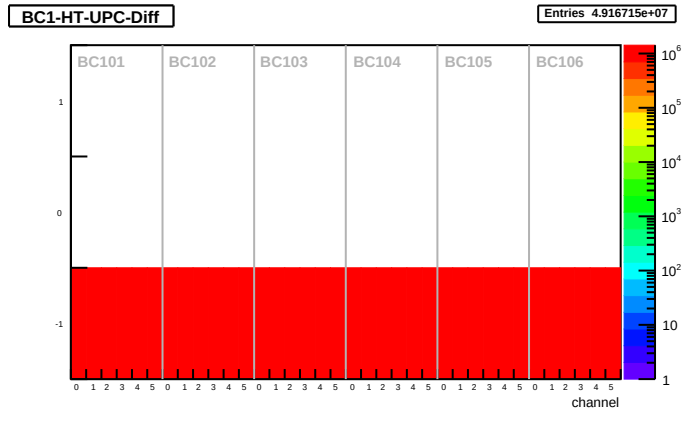

BC1-HT-th3
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

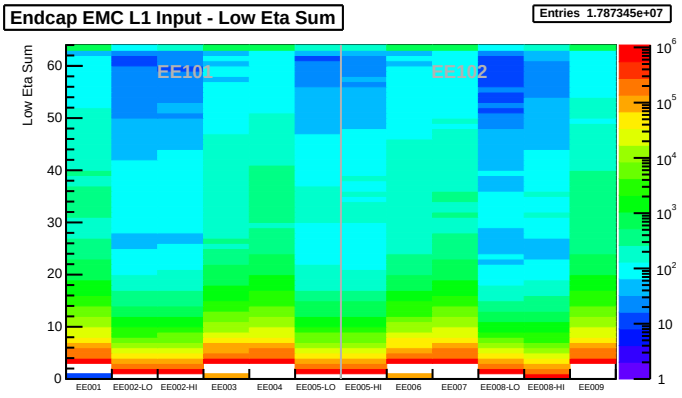

BC1-HT-th3-Diff
Entries 4271045
BC101
BC102
BC103
BC104
BC105
BC106
channel

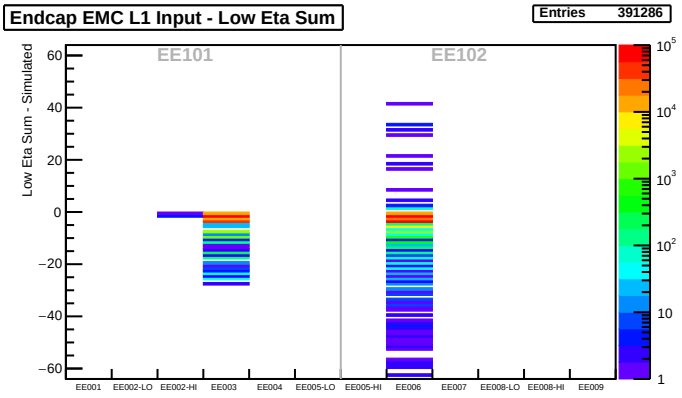

BC1-HT-th4
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

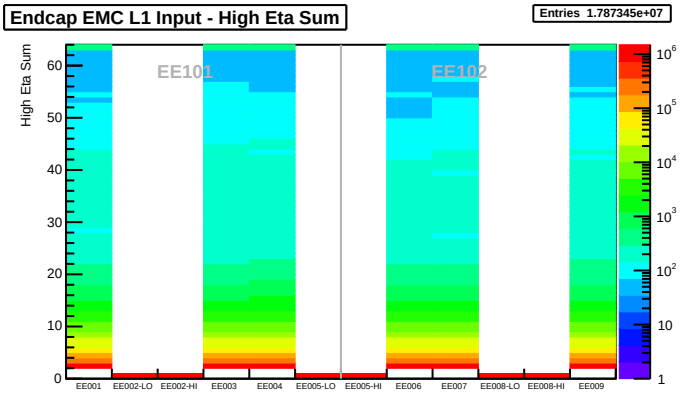

BC1-HT-th4-Diff
Entries 4394217
BC101
BC102
BC103
BC104
BC105
BC106
channel

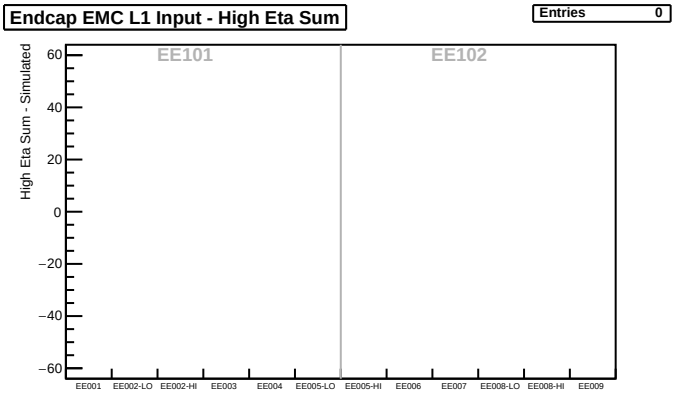

BC1-HT-UPC
Entries 5.362034e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

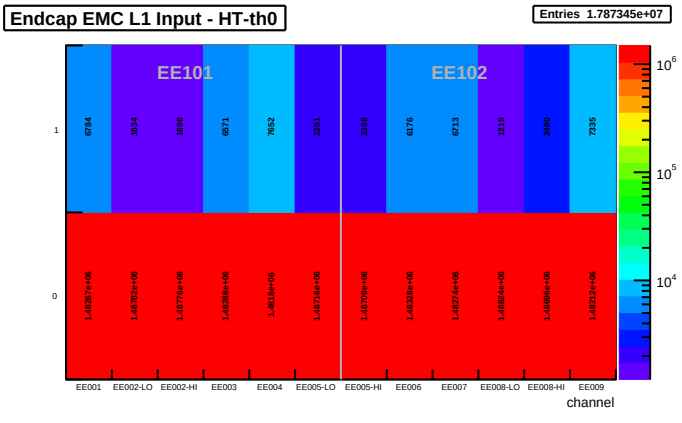

BC1-HT-UPC-Diff
Entries 4.916715e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

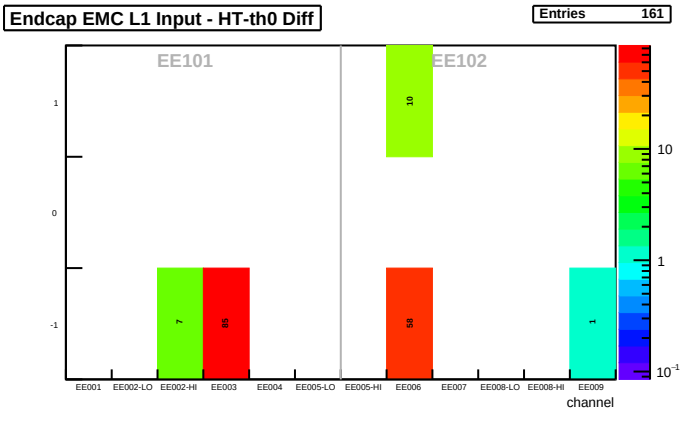

Endcap EMC L1 Input - Low Eta Sum
Entries 1.787345e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

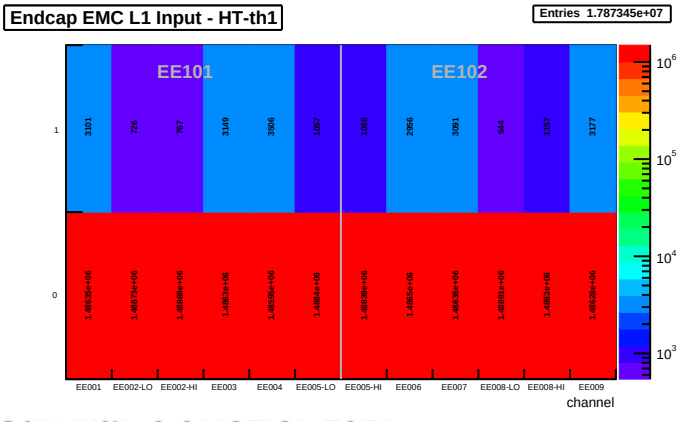

Endcap EMC L1 Input - Low Eta Sum
Entries 391286
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

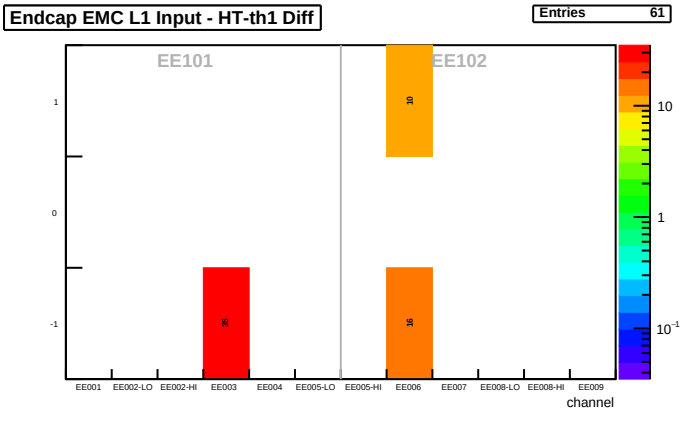

Endcap EMC L1 Input - High Eta Sum
Entries 1.787345e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

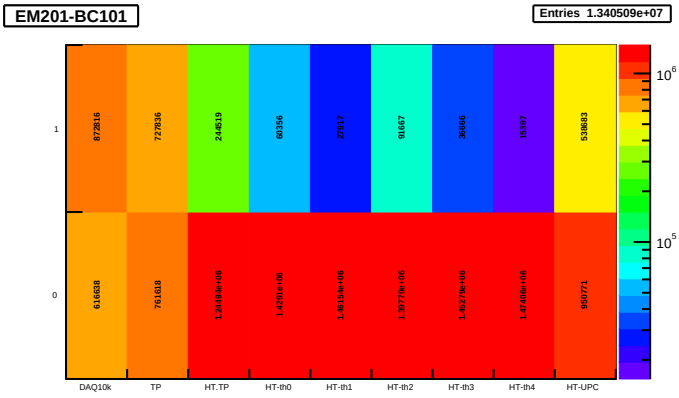

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

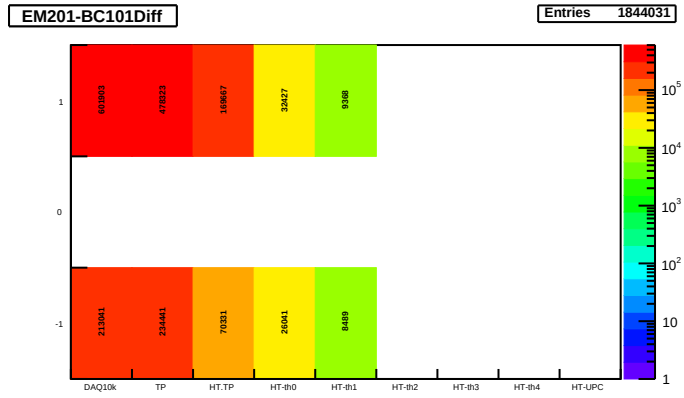

Endcap EMC L1 Input - HT-th0
Entries 1.787345e+07
EE101
EE102
6784 1634 1630 6571 7652 2291 2288 6176 6713 1215 2690 7235
1.43527e+06 1.43782e+06 1.43776e+06 1.43298e+06 1.4818e+06 1.43716e+06 1.43709e+06 1.43528e+06 1.43274e+06 1.43824e+06 1.43896e+06 1.43212e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

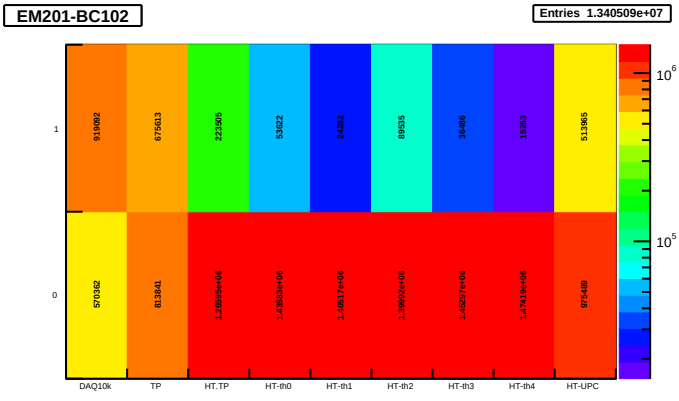

Endcap EMC L1 Input - HT-th0 Diff
Entries 161
EE101
EE102
10
7 85 58 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

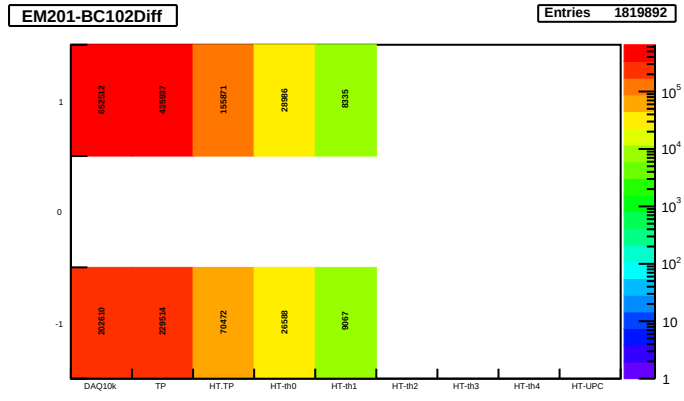

Endcap EMC L1 Input - HT-th1
Entries 1.787345e+07
EE101
EE102
3101 726 767 3149 3506 1057 1068 2956 3091 544 1157 3177
1.46535e+06 1.46373e+06 1.46089e+06 1.4893e+06 1.46595e+06 1.4894e+06 1.46139e+06 1.4865e+06 1.46536e+06 1.46091e+06 1.4893e+06 1.46528e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

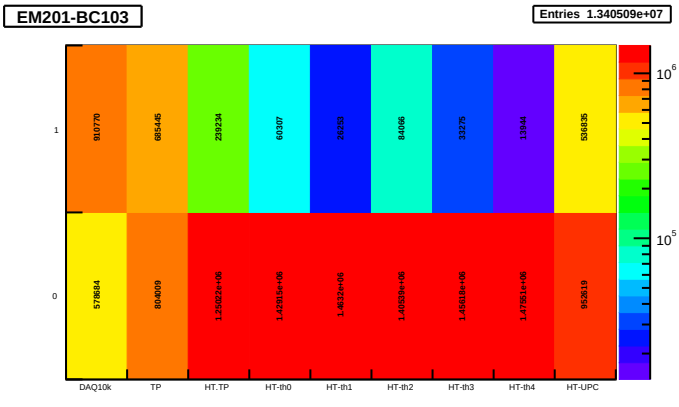

Endcap EMC L1 Input - HT-th1 Diff
Entries 61
EE101
EE102
10
35 16
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

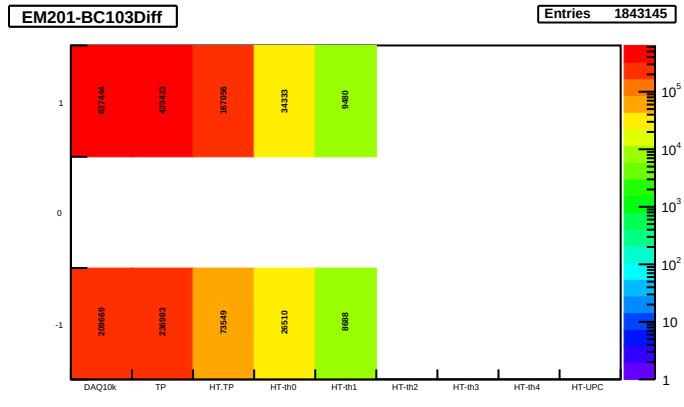

EM201-BC101
Entries 1.340509e+07
1
0
872816
722936
244519
60356
27517
91667
36666
15397
538683
616638
761618
1.2449e+06
1.4291e+06
1.4615e+06
1.3779e+06
1.4527e+06
1.4740e+06
950771
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5

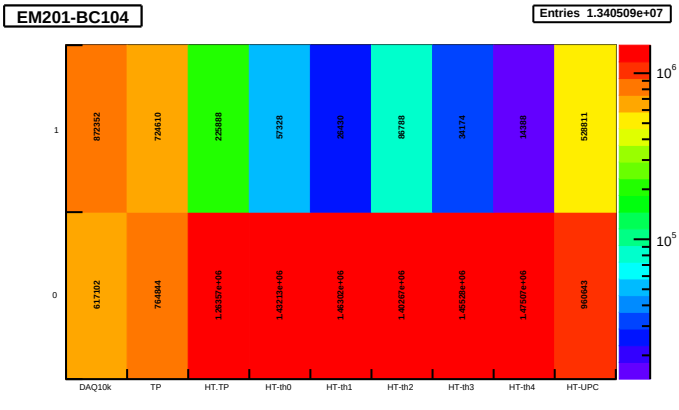

EM201-BC101Diff
Entries 1844031
1
0
-1
601903
478523
169667
32427
9398
213041
234441
70321
26941
8489
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

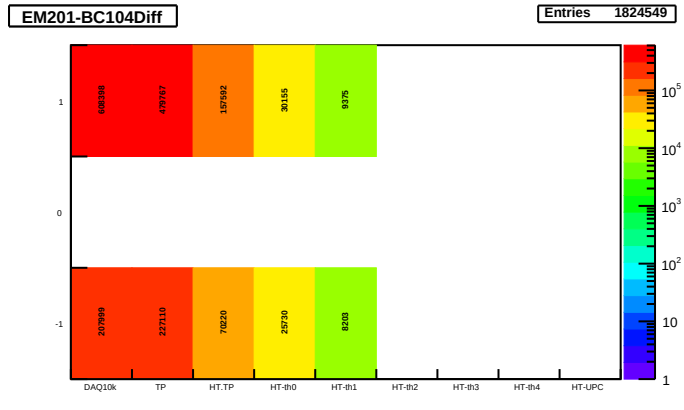

EM201-BC102
Entries 1.340509e+07
1
0
910092
675613
223505
53822
24282
89535
36486
15263
513965
570382
813841
1.2609e+06
1.4383e+06
1.4617e+06
1.3992e+06
1.4537e+06
1.4761e+06
975489
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC102Diff
Entries 1819892
1
0
-1
652512
435937
155871
25986
8335
202610
229514
70472
26588
9067
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

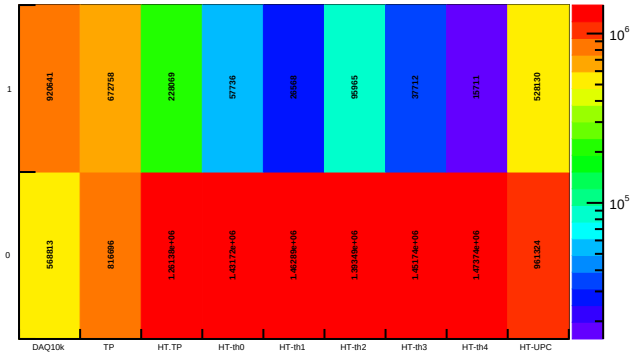

EM201-BC103
Entries 1.340509e+07
1
0
910770
685445
239234
60307
26253
84066
33275
13944
536835
578684
804009
1.2502e+06
1.4291e+06
1.4632e+06
1.4053e+06
1.4561e+06
1.4781e+06
953319
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC103Diff
Entries 1843145
1
0
-1
637444
439438
167056
34333
9480
209669
236983
73549
26519
8988
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

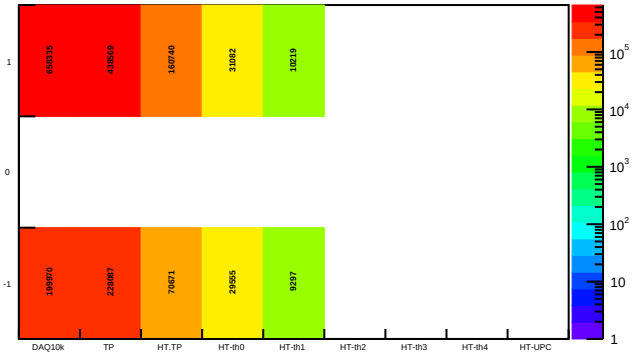

EM201-BC104
Entries 1.340509e+07
1
0
872352
724610
226588
57328
26430
86788
34174
14388
528811
617102
764844
1.2635e+06
1.4321e+06
1.4630e+06
1.4026e+06
1.4528e+06
1.4750e+06
960643
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC104Diff
Entries 1824549
1
0
-1
608398
479767
157592
30155
9375
207999
227110
70220
25730
8203
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

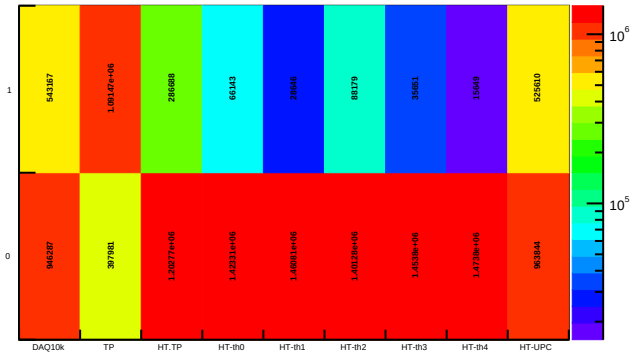
EM201-BC105 Entries 1.340509e+07



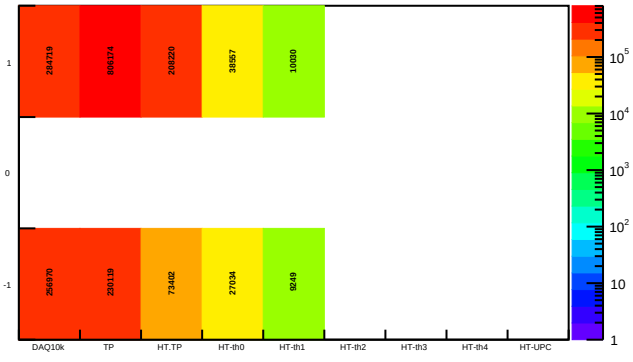
EM201-BC105Diff Entries 1836525



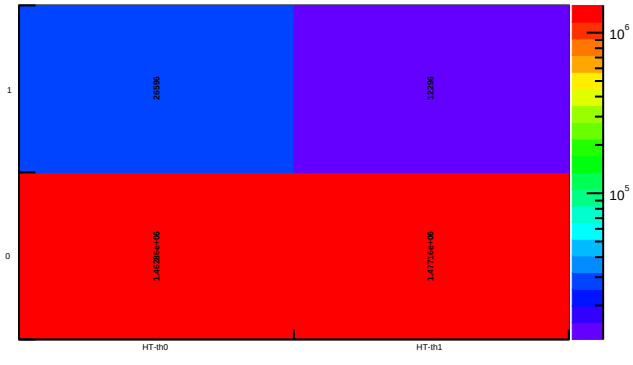
EM201-BC106 Entries 1.340509e+07



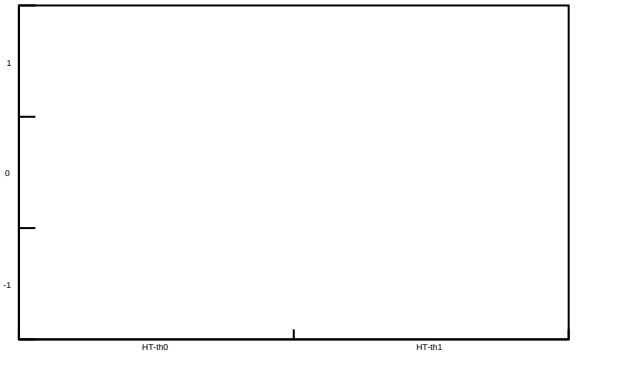
EM201-BC106Diff Entries 1944474



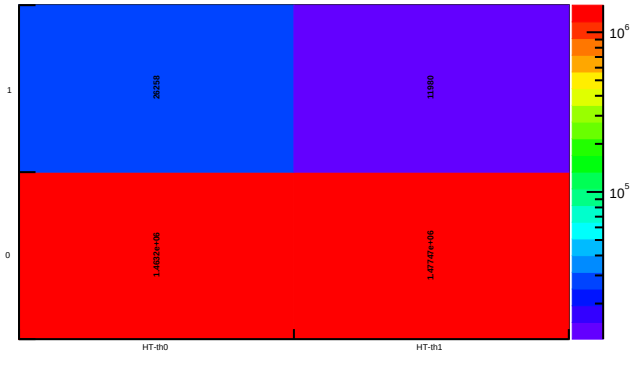
EM201-EE101 Entries 2978908



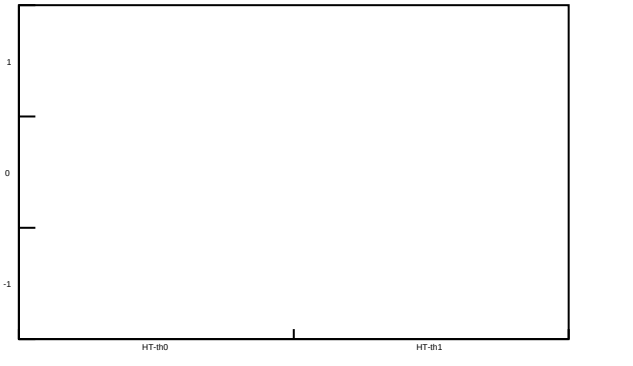
EM201-EE101Diff Entries 0

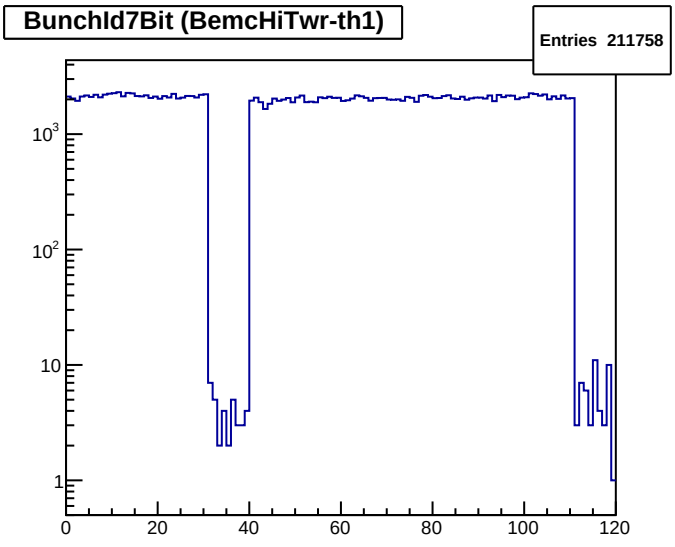


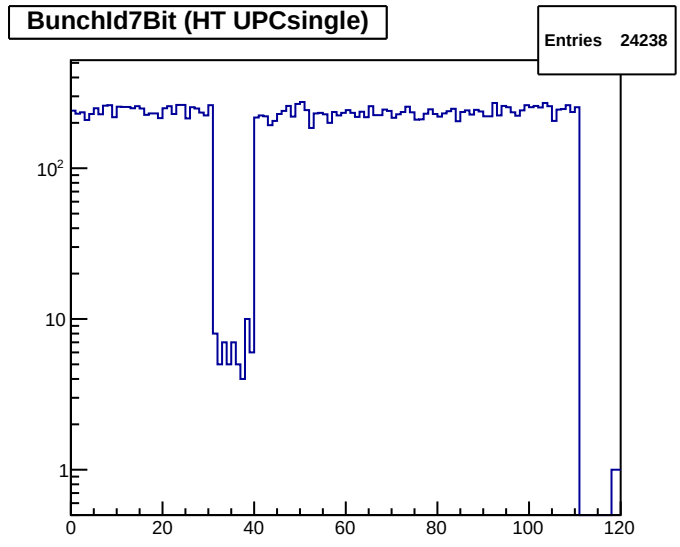
EM201-EE102 Entries 2978908

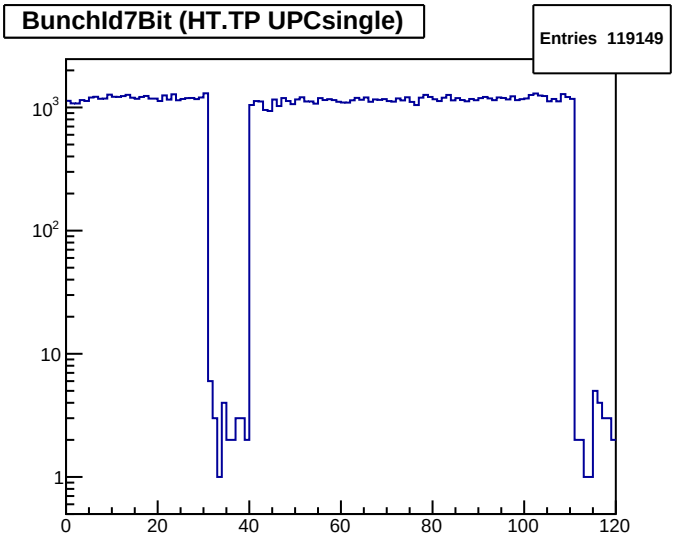


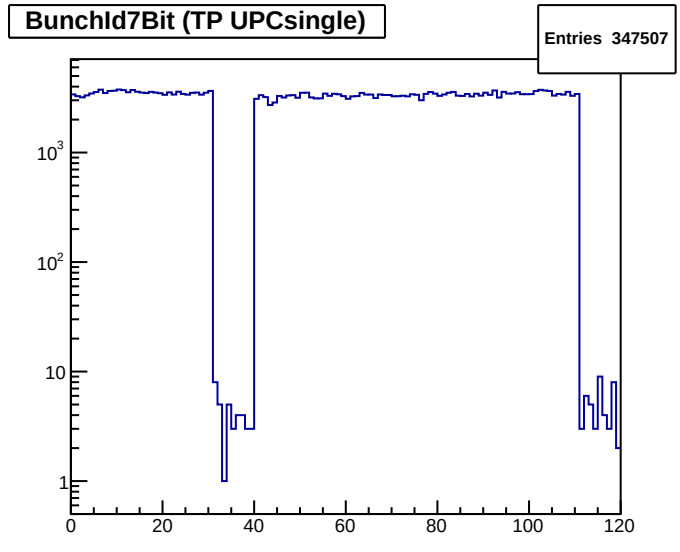
EM201-EE102Diff Entries 0

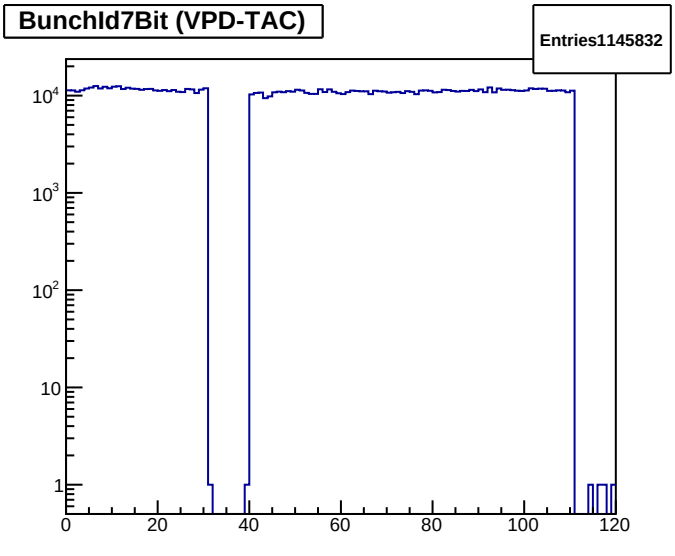


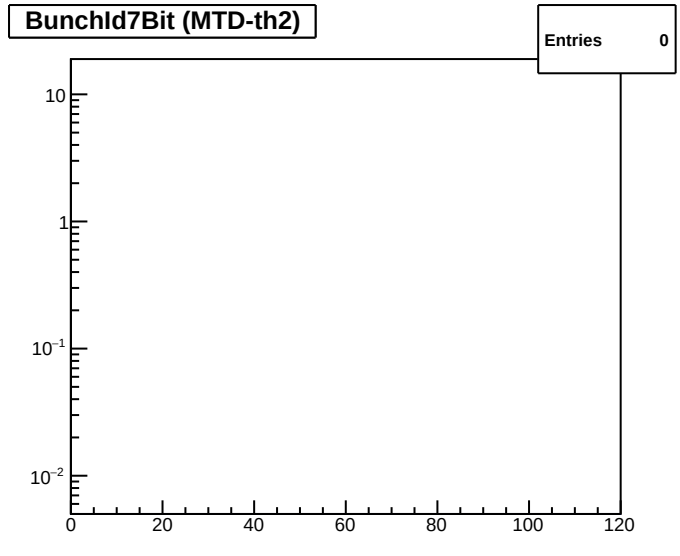

BunchId7Bit (BemcHiTwr-th1)
Entries 211758

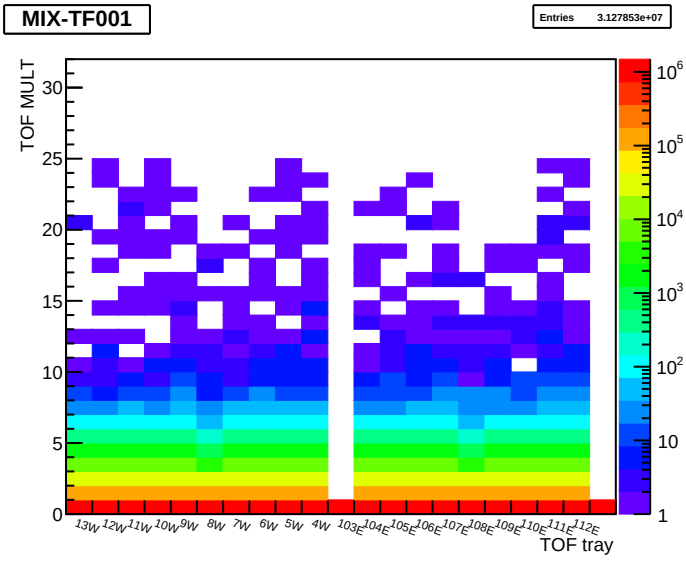

BunchId7Bit (HT UPCsingle)
Entries 24238

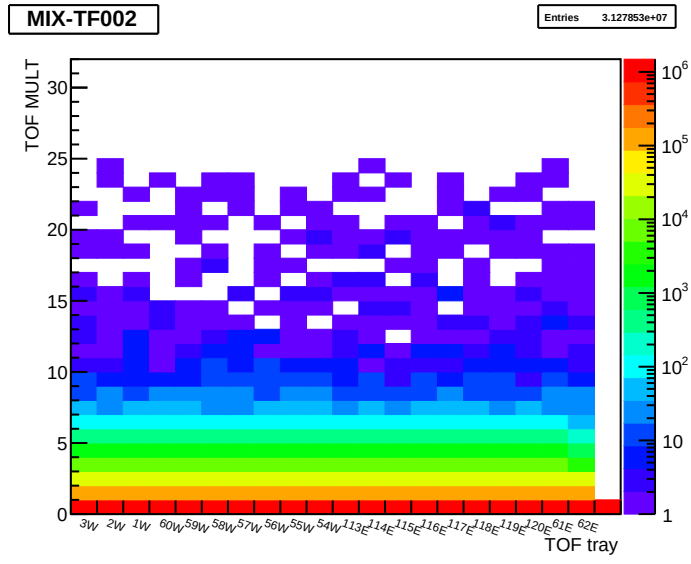

BunchId7Bit (HT.TP UPCsingle)
Entries 119149

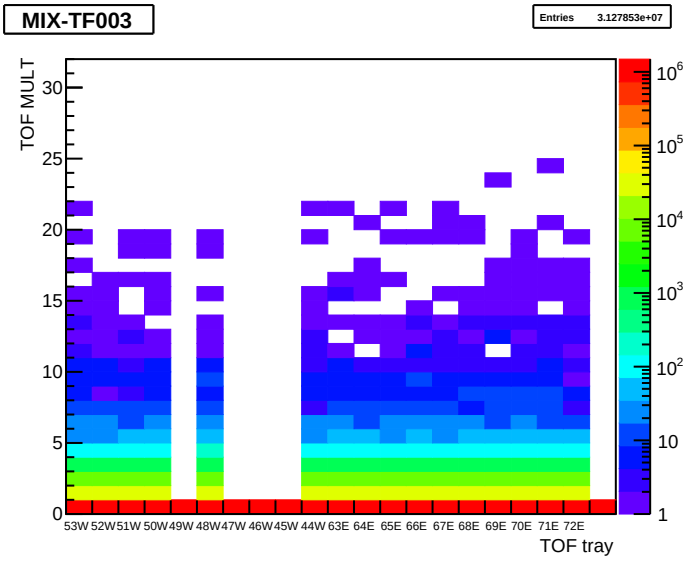

BunchId7Bit (TP UPCsingle)
Entries 347507

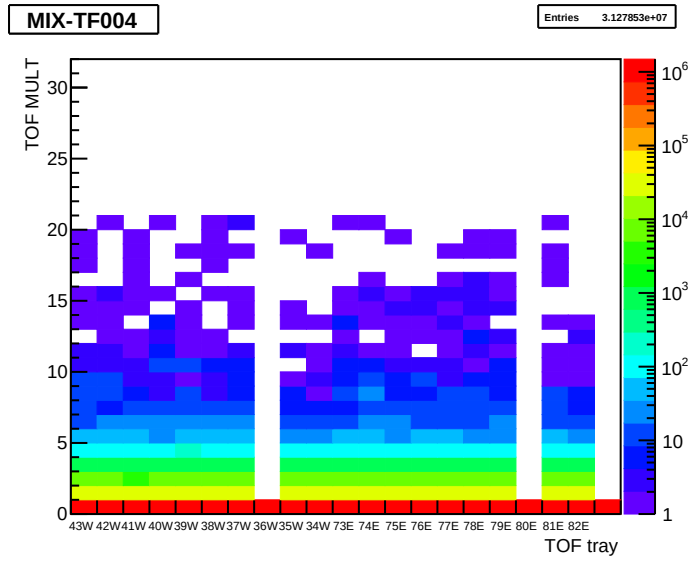

BunchId7Bit (VPD-TAC)
Entries1145832

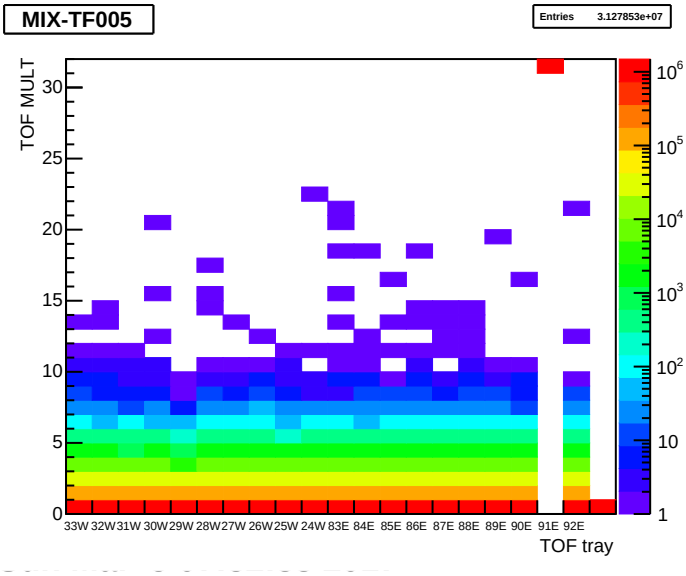

BunchId7Bit (MTD-th2)
Entries 0

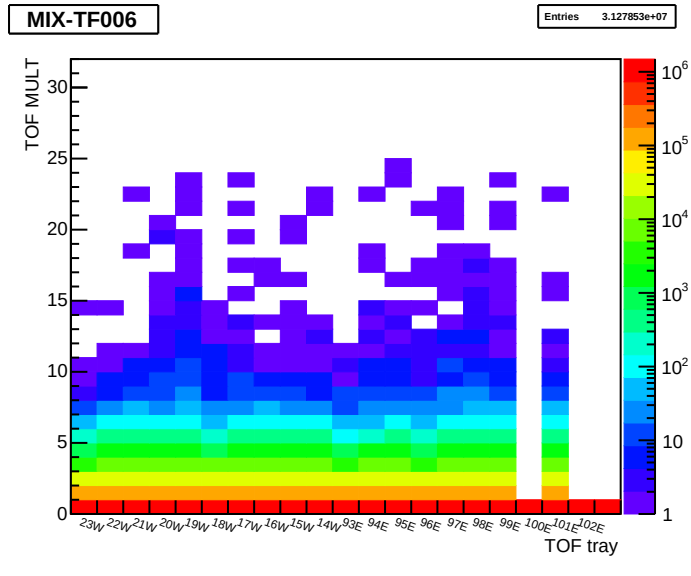

MIX-TF001
Entries 3.127853e+07
TOF MULT
TOF tray

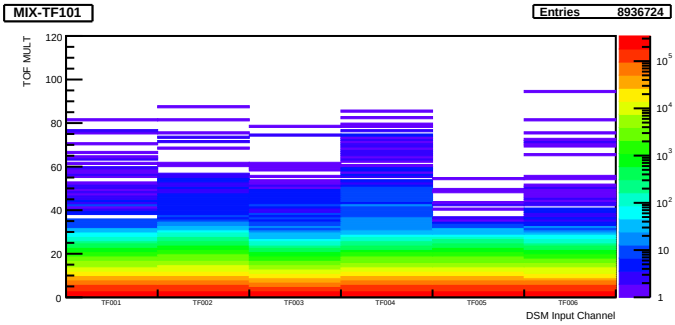

MIX-TF002
Entries 3.127853e+07
TOF MULT
TOF tray

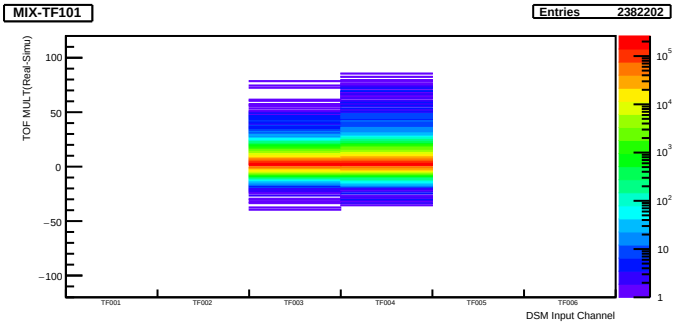

MIX-TF003
Entries 3.127853e+07
TOF MULT
TOF tray

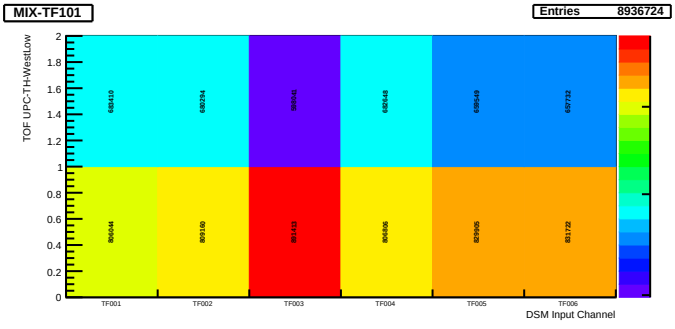

MIX-TF004
Entries 3.127853e+07
TOF MULT
TOF tray

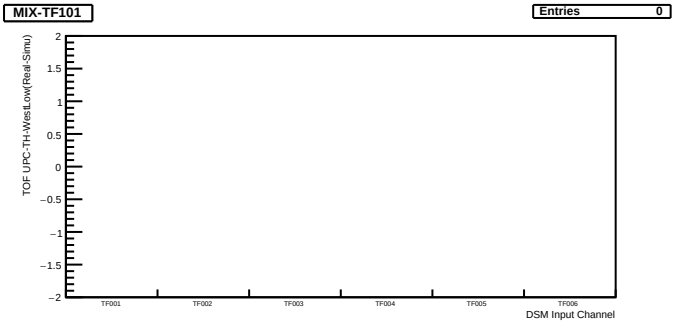

MIX-TF005
Entries 3.127853e+07
TOF MULT
TOF tray

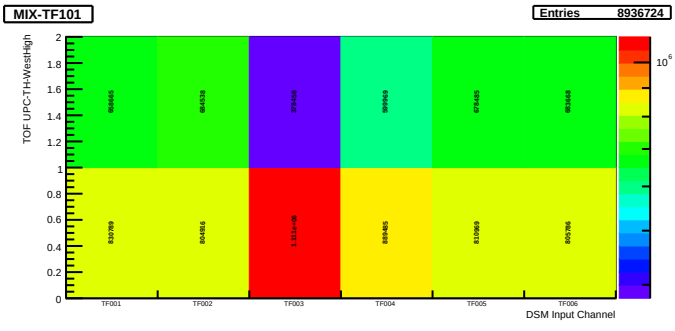

MIX-TF006
Entries 3.127853e+07
TOF MULT
TOF tray

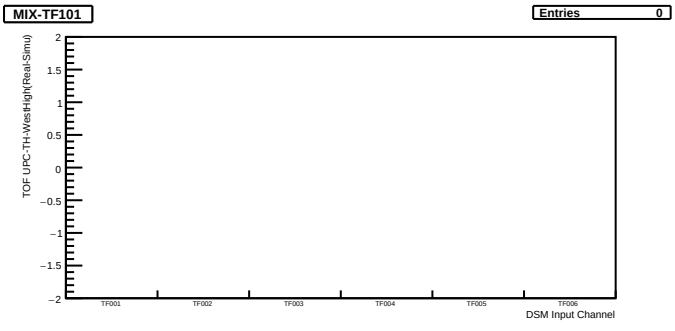

MIX-TF101
Entries 8936724
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

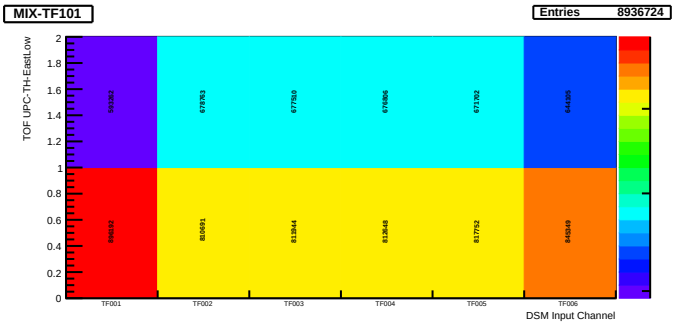

MIX-TF101
Entries 2382202
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

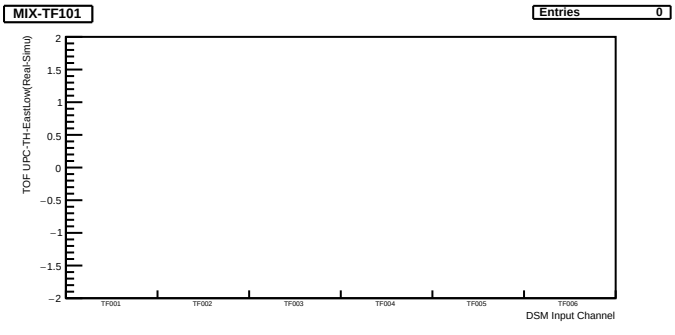

MIX-TF101
Entries 8936724
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

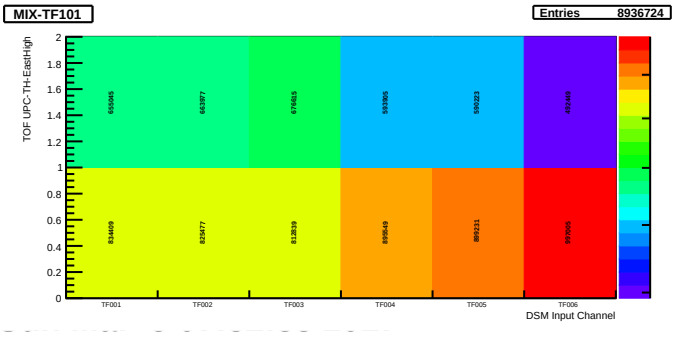

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

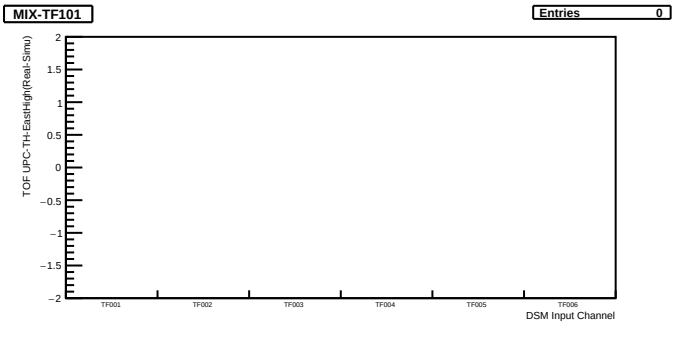

MIX-TF101
Entries 8936724
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

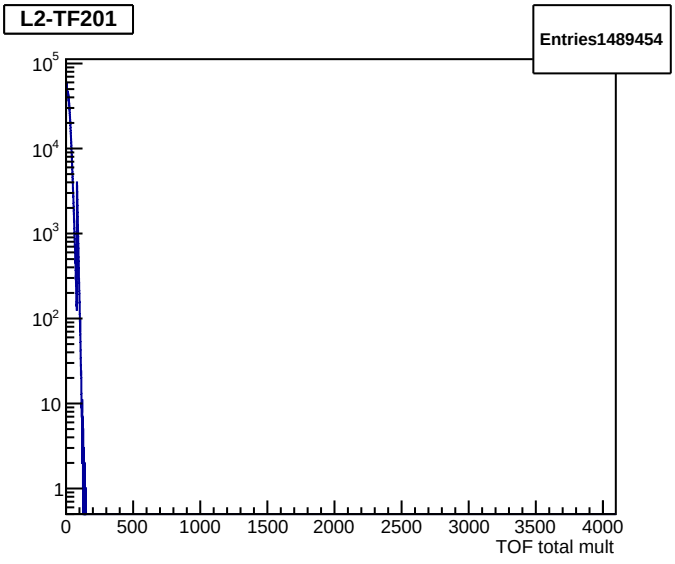

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

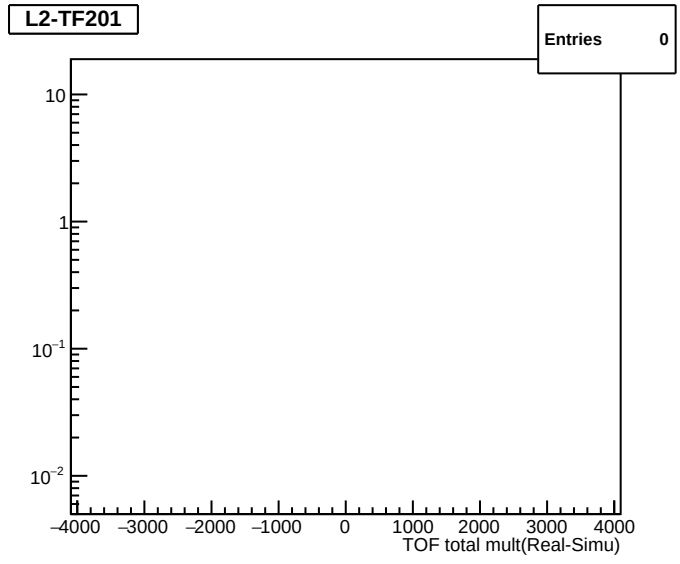

MIX-TF101
Entries 8936724
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

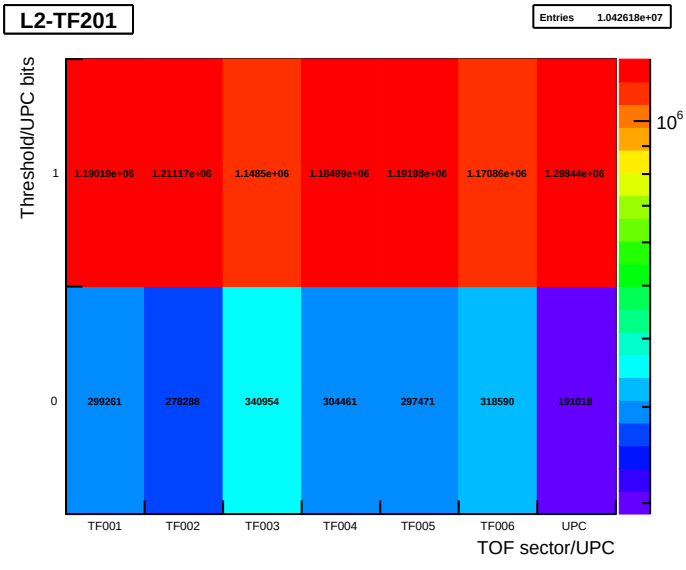

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

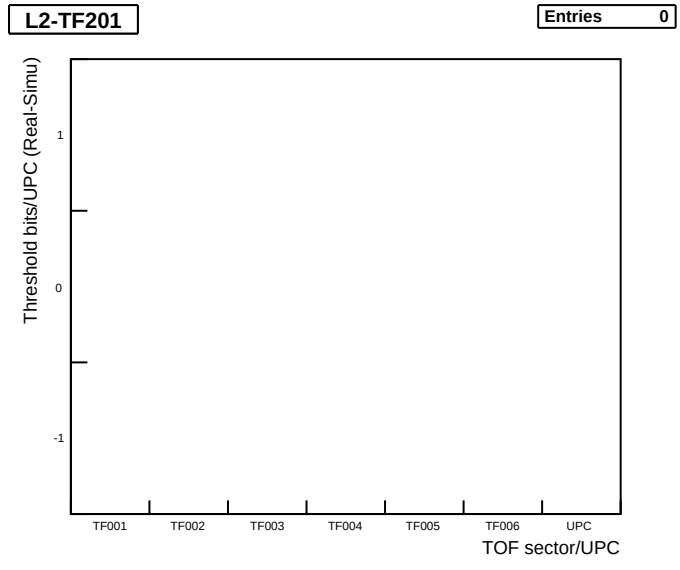

MIX-TF101
Entries 8936724
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

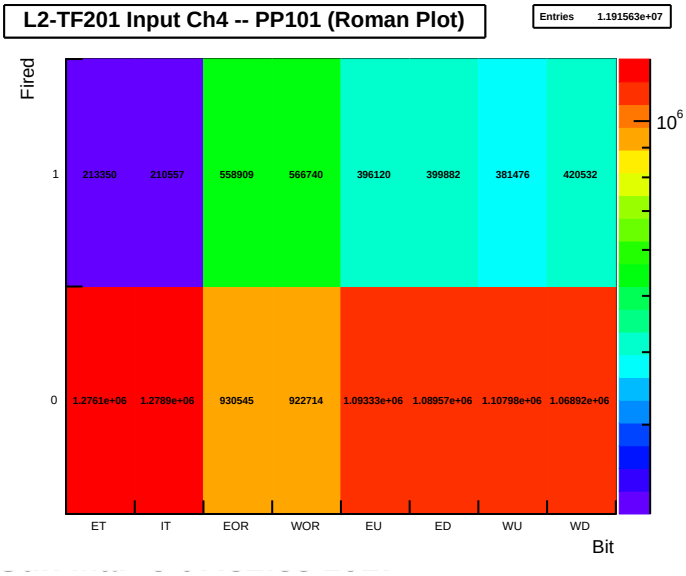

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

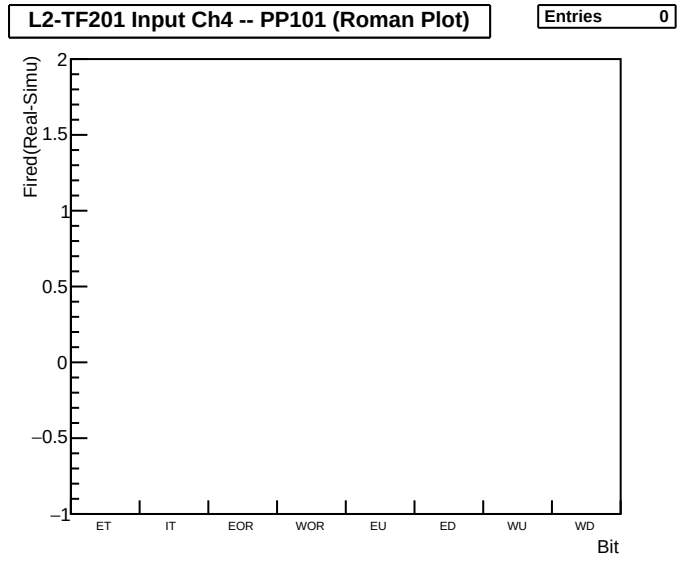

L2-TF201
Entries1489454
TOF total mult

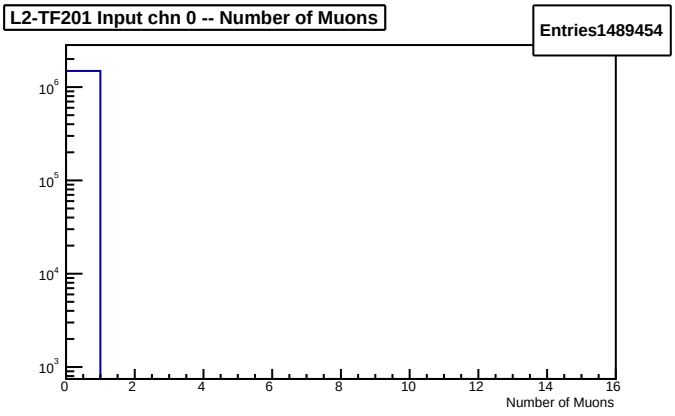

L2-TF201
Entries 0
TOF total mult(Real-Simu)

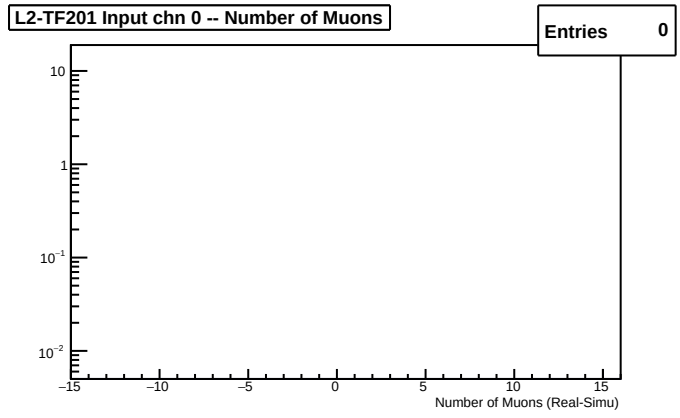

L2-TF201
Entries 1.042618e+07
Threshold/UPC bits
1.19019e+06
1.21117e+06
1.1485e+06
1.18499e+06
1.19198e+06
1.17086e+06
1.29844e+06
299261
278288
340954
304461
297471
318590
191018
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

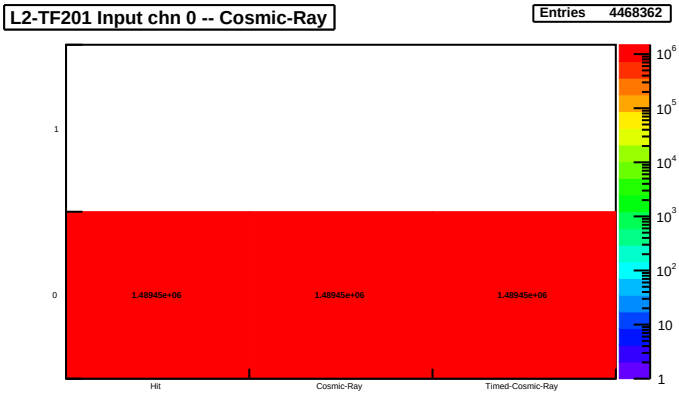

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

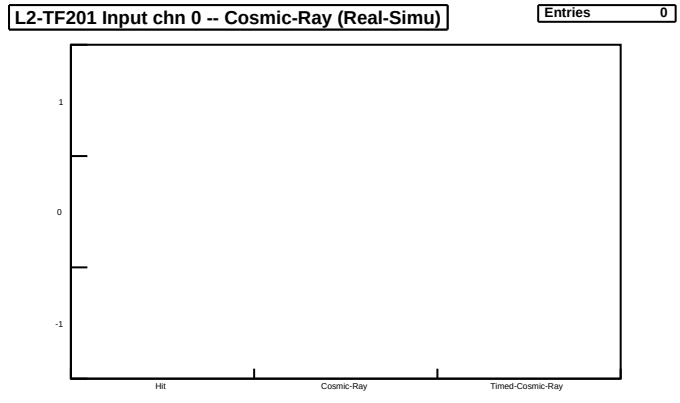

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.191563e+07
Fired
213350
210557
558909
566740
396120
399882
381476
420532
1.2761e+06
1.2789e+06
930545
922714
1.09333e+06
1.08957e+06
1.10798e+06
1.06892e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

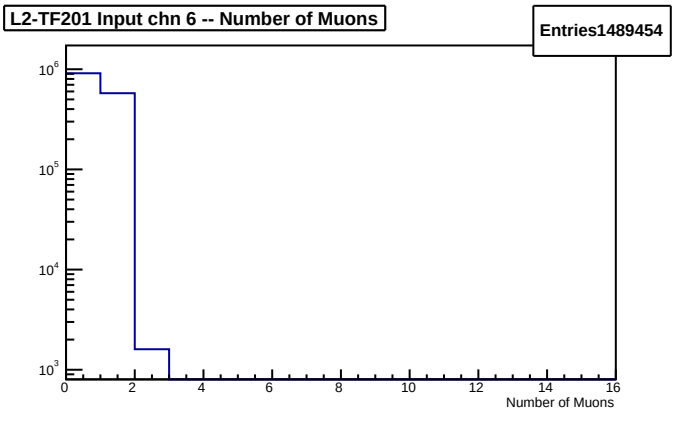

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

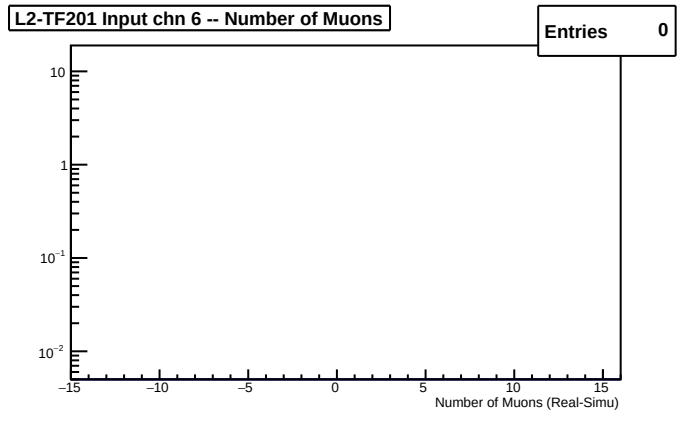

L2-TF201 Input chn 0 -- Number of Muons
Entries1489454
Number of Muons

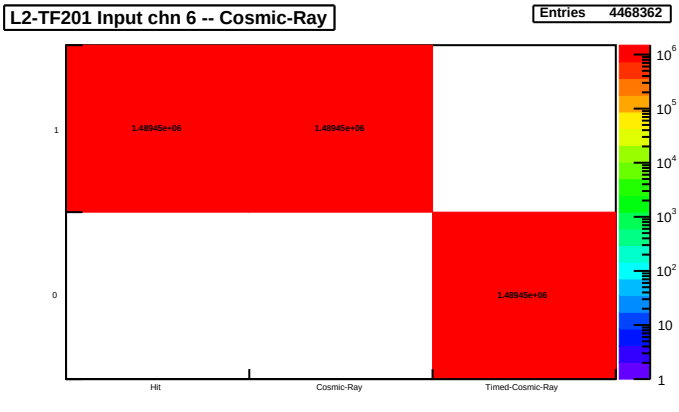

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

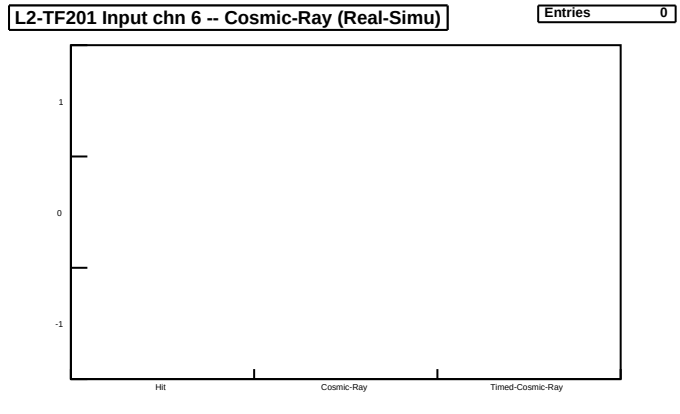

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4468362
1.48945e+06
1.48945e+06
1.48945e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

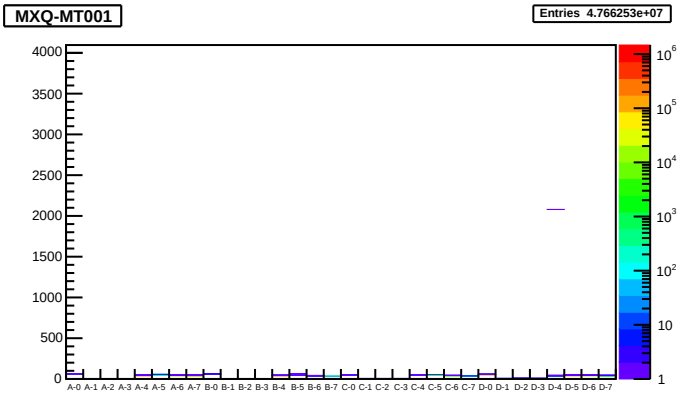

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

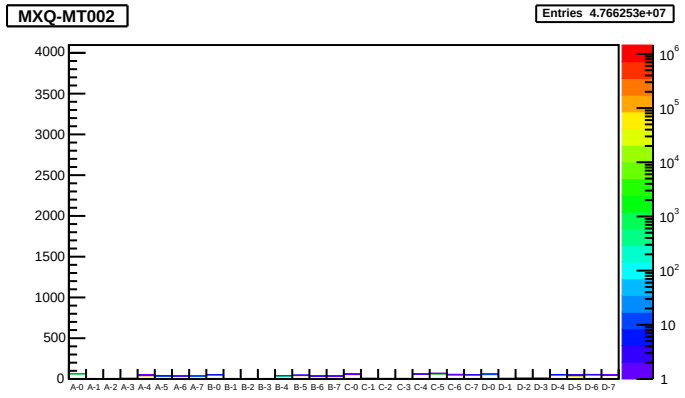

L2-TF201 Input chn 6 -- Number of Muons
Entries1489454
Number of Muons

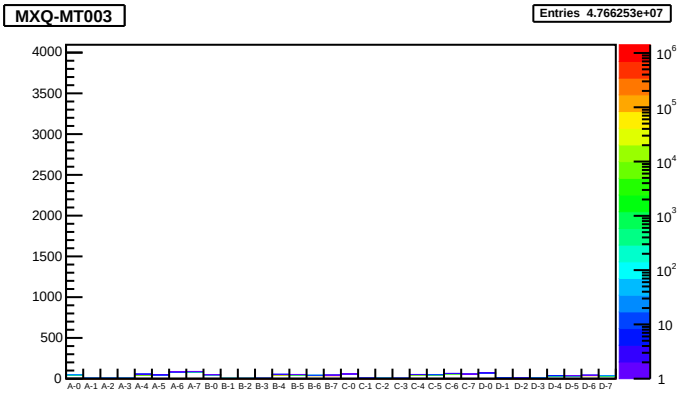

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

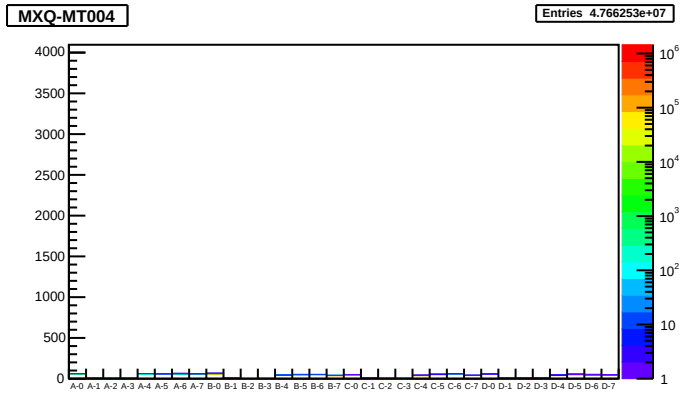

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4468362
1.48945e+06
1.48945e+06
1.48945e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

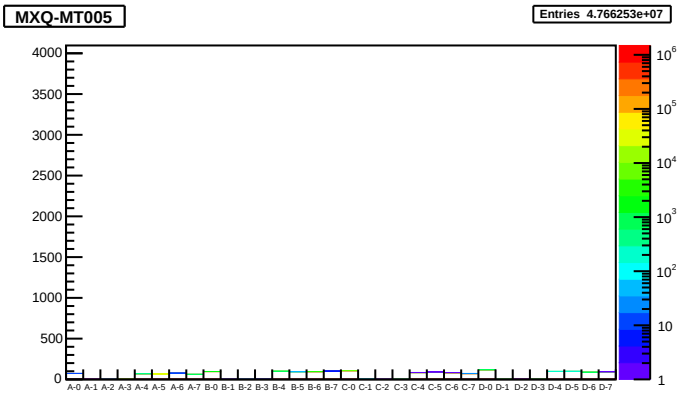

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

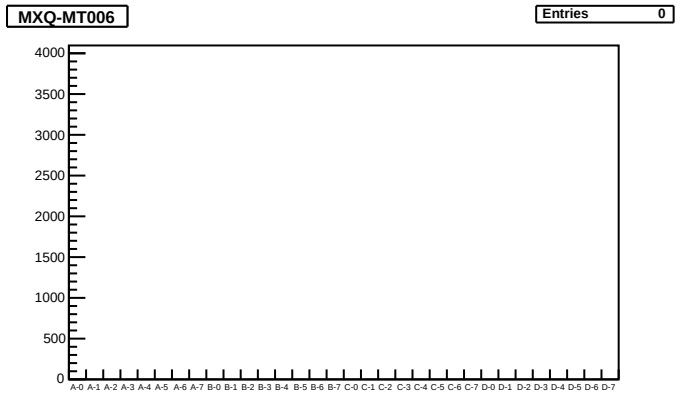

MXQ-MT001
Entries 4.766253e+07

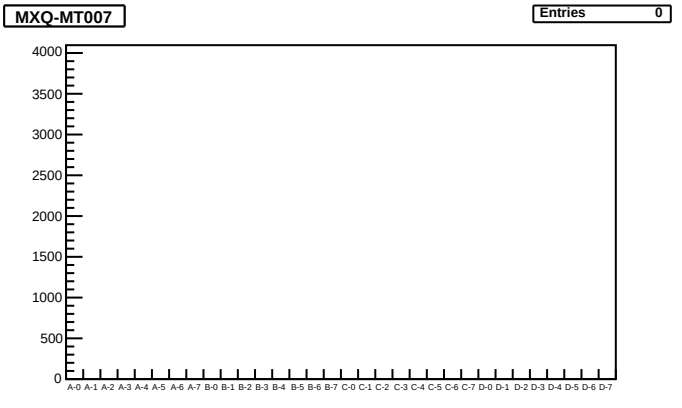

MXQ-MT002
Entries 4.766253e+07

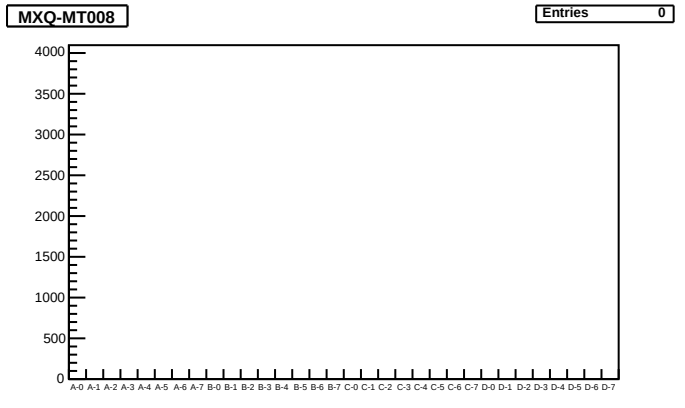

MXQ-MT003
Entries 4.766253e+07

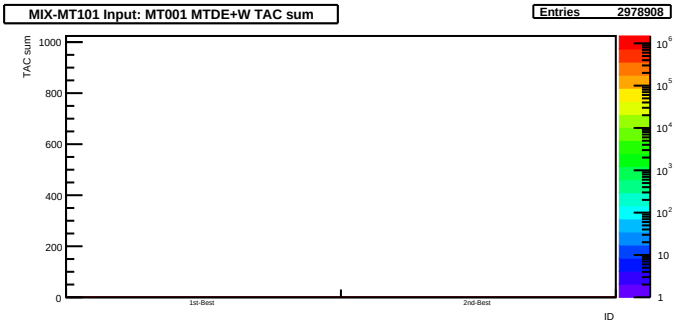

MXQ-MT004
Entries 4.766253e+07

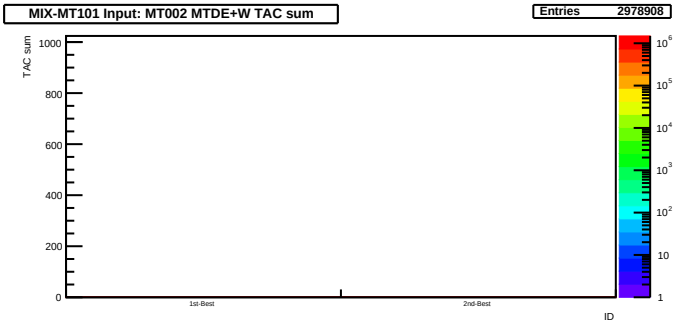

MXQ-MT005
Entries 4.766253e+07

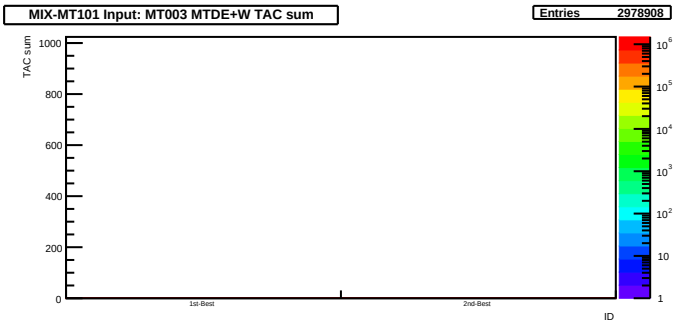

MXQ-MT006
Entries 0

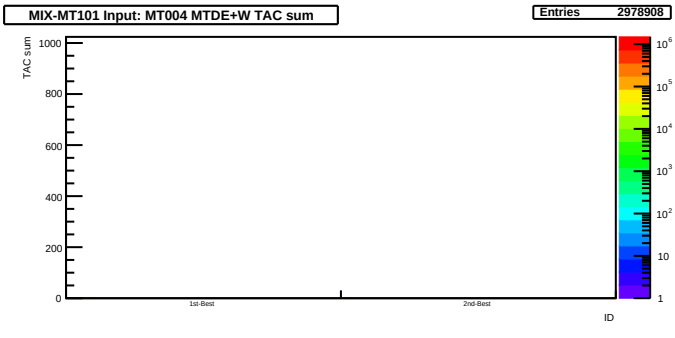

MXQ-MT007
Entries 0

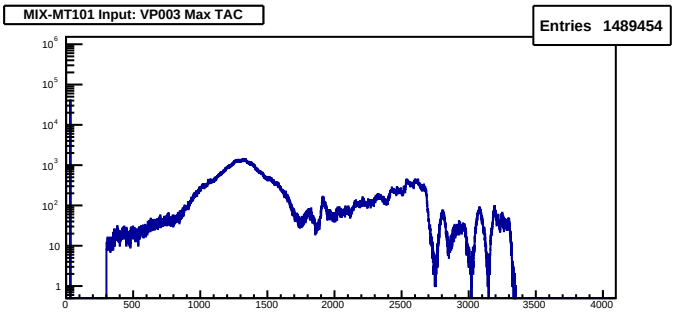

MXQ-MT008
Entries 0

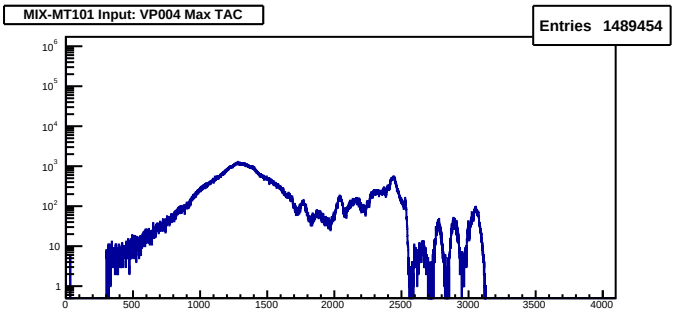

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID

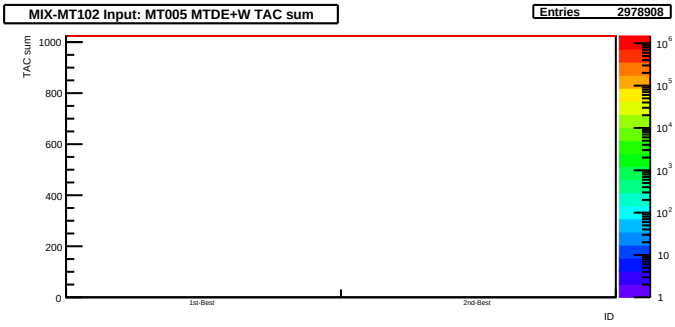

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID

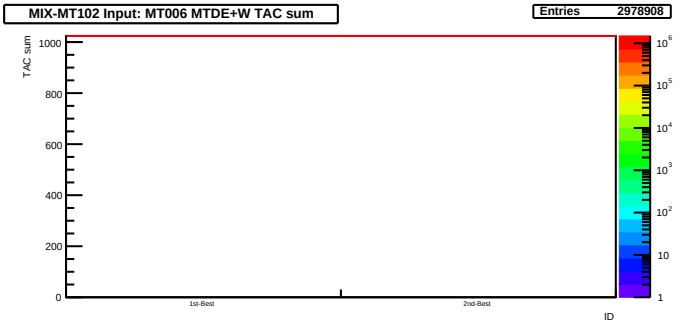

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID

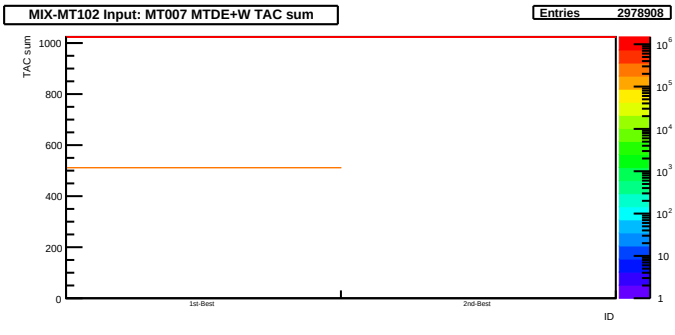

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID

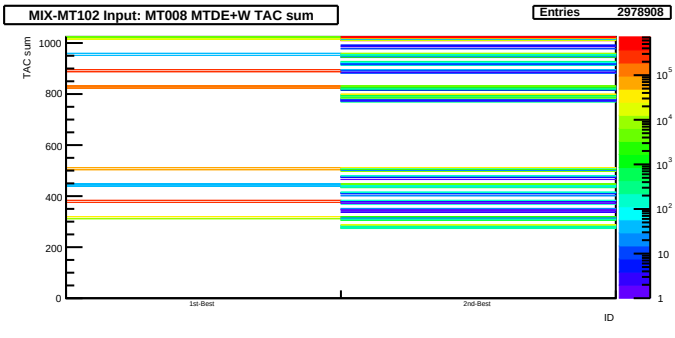

MIX-MT101 Input: VP003 Max TAC
Entries 1489454

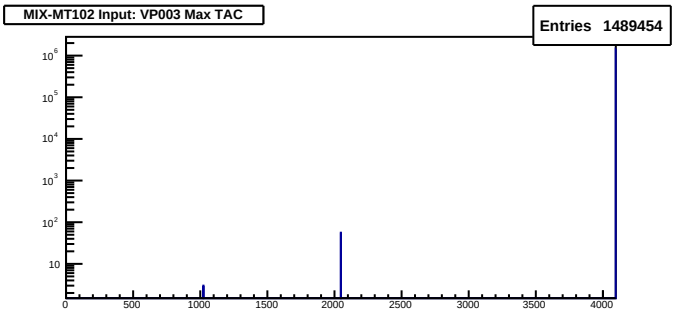

MIX-MT101 Input: VP004 Max TAC
Entries 1489454

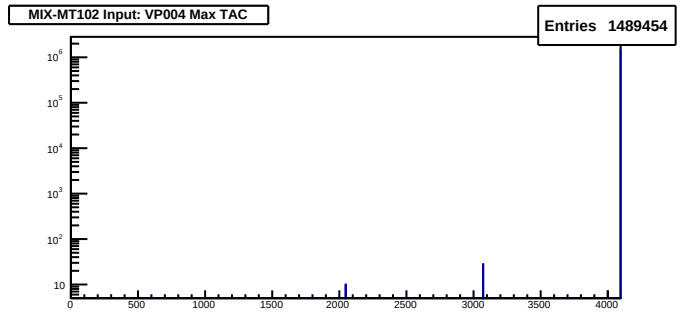

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID

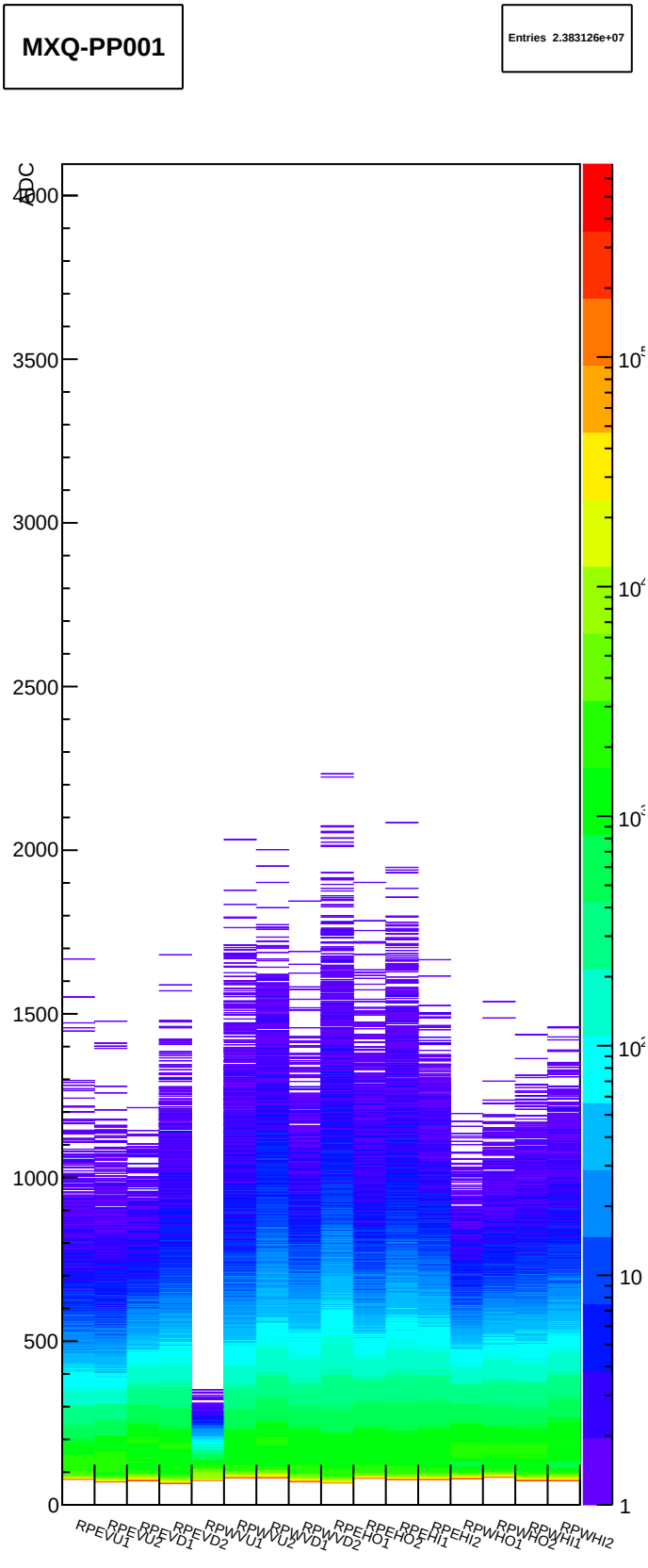

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 2978908
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 1489454


MIX-MT102 Input: VP004 Max TAC
Entries 1489454


MXQ-PP001
Entries 2.383126e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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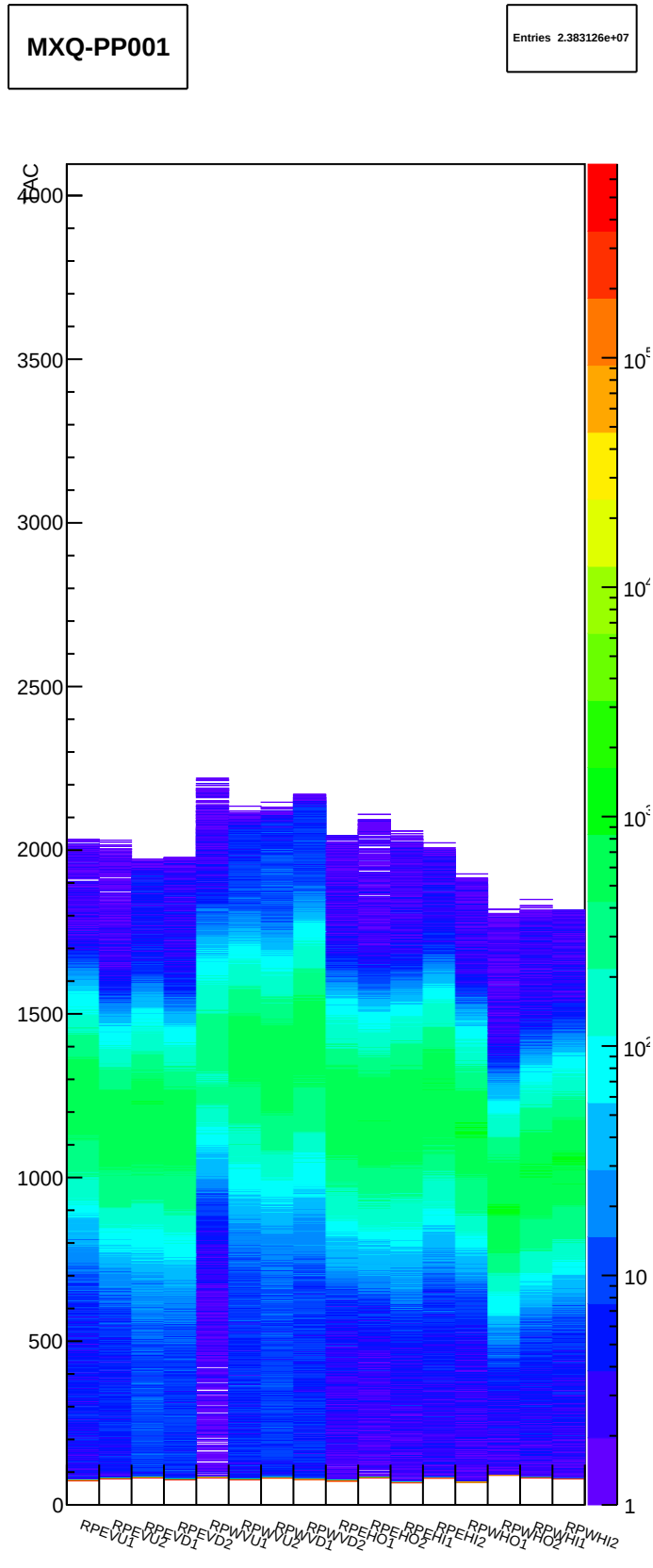
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 2.383126e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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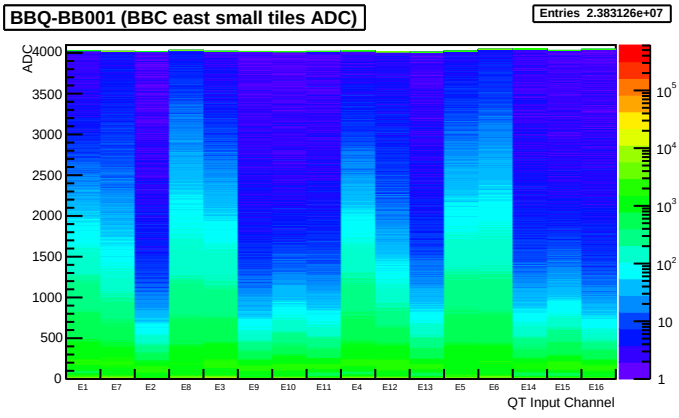
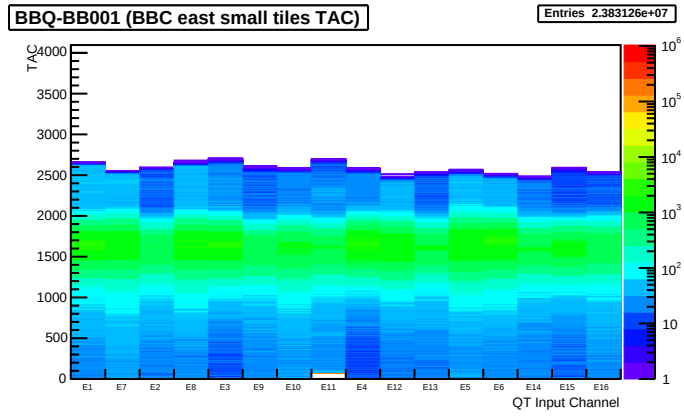
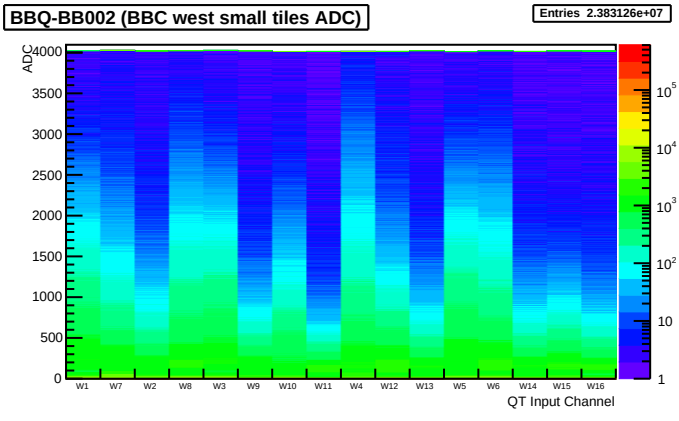
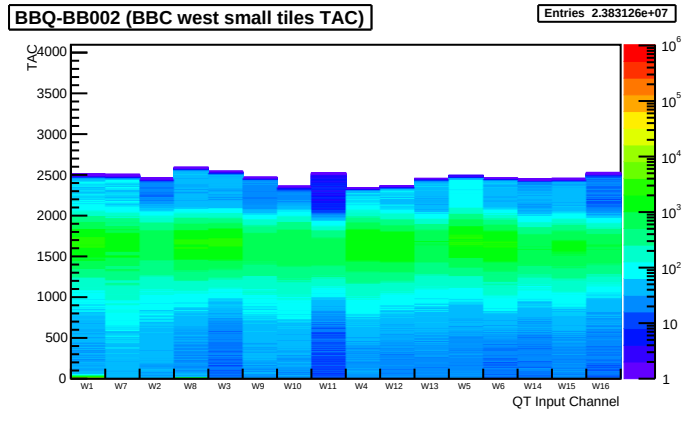
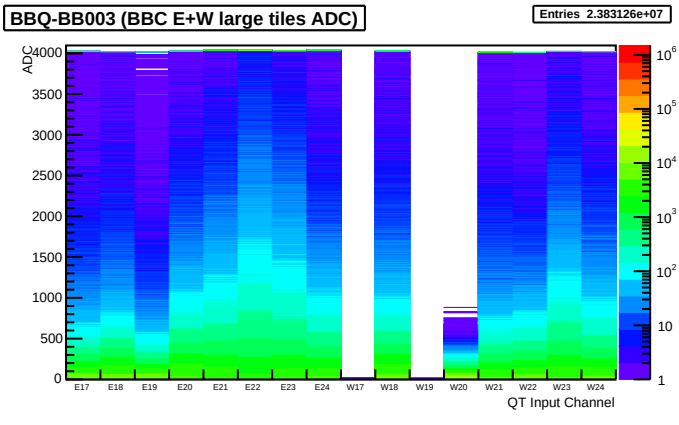
RPWHO2
RPWHI1
RPWHI2
10
1

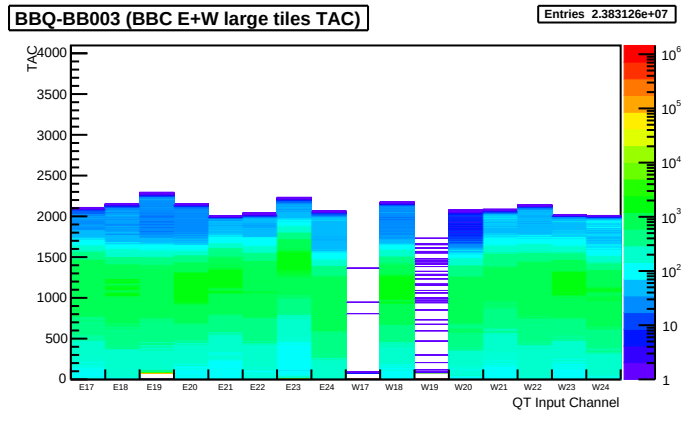

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.383126e+07
ADC
QT Input Channel

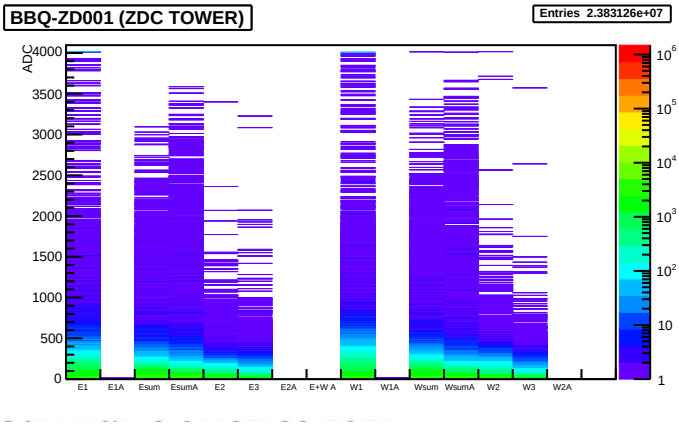

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.383126e+07
TAC
QT Input Channel

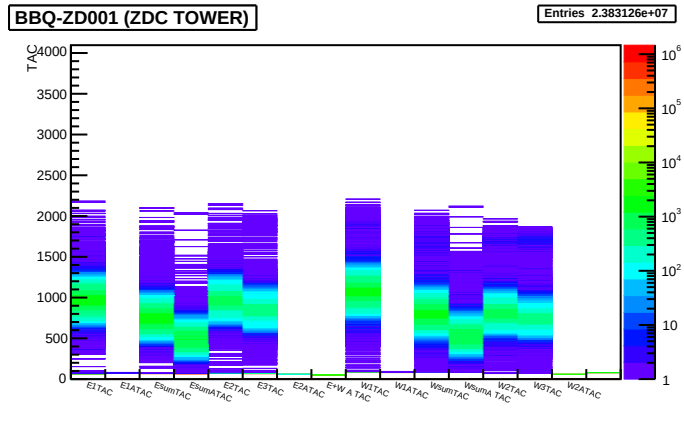

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.383126e+07
ADC
QT Input Channel

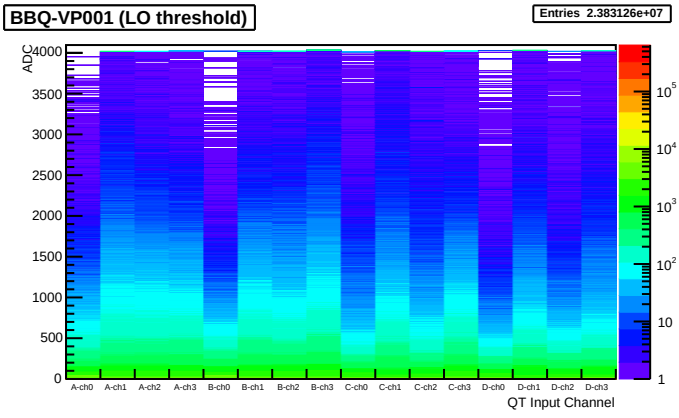

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.383126e+07
TAC
QT Input Channel

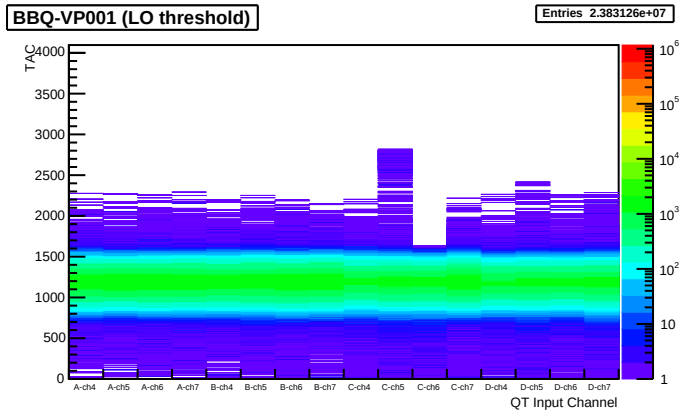

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.383126e+07
ADC
QT Input Channel

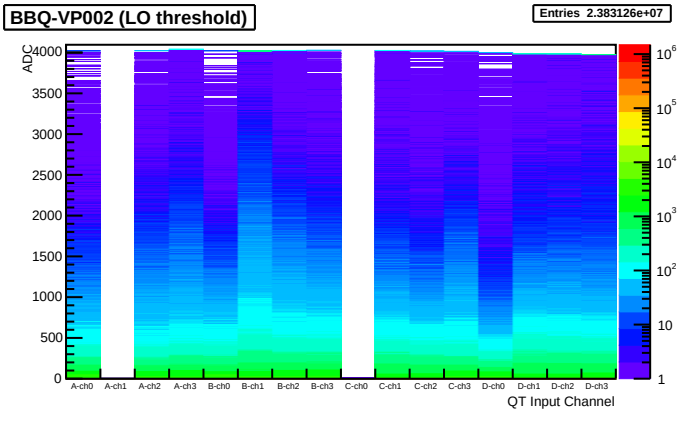

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.383126e+07
TAC
QT Input Channel

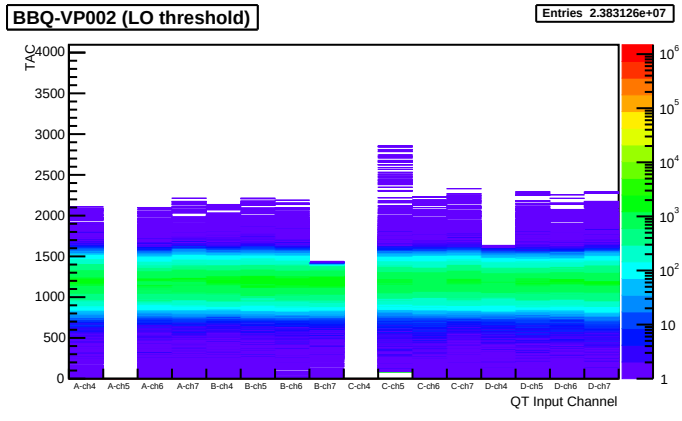

BBQ-ZD001 (ZDC TOWER)
Entries 2.383126e+07
ADC

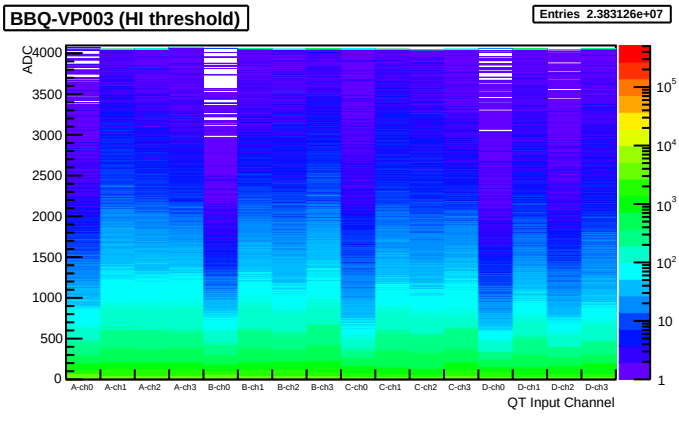

BBQ-ZD001 (ZDC TOWER)
Entries 2.383126e+07
TAC

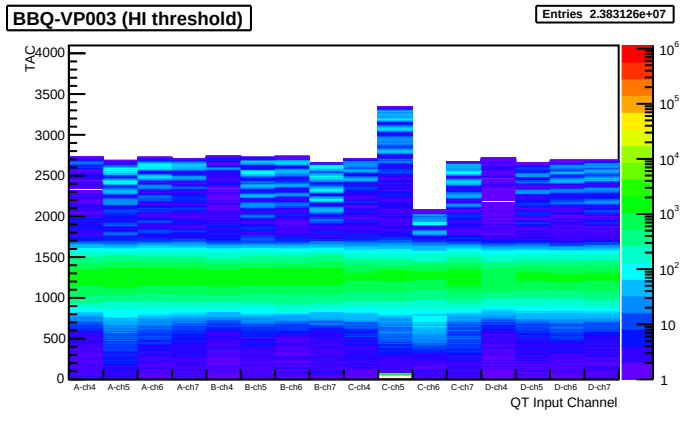

BBQ-VP001 (LO threshold)
Entries 2.383126e+07
ADC
QT Input Channel

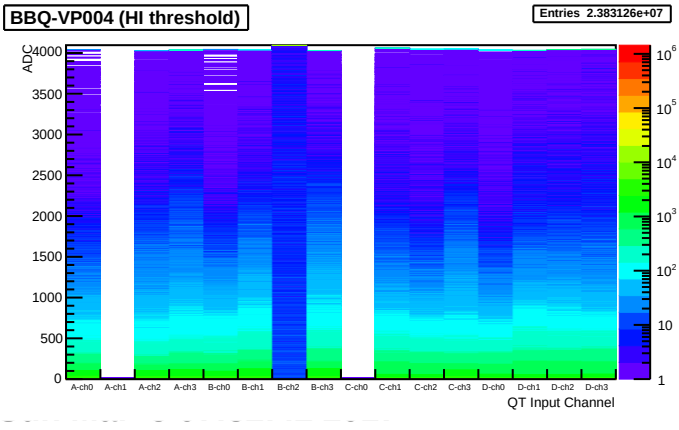

BBQ-VP001 (LO threshold)
Entries 2.383126e+07
TAC
QT Input Channel

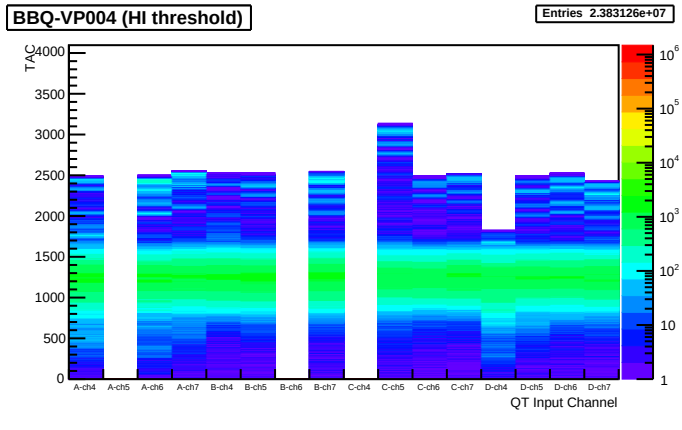

BBQ-VP002 (LO threshold)
Entries 2.383126e+07
ADC
QT Input Channel

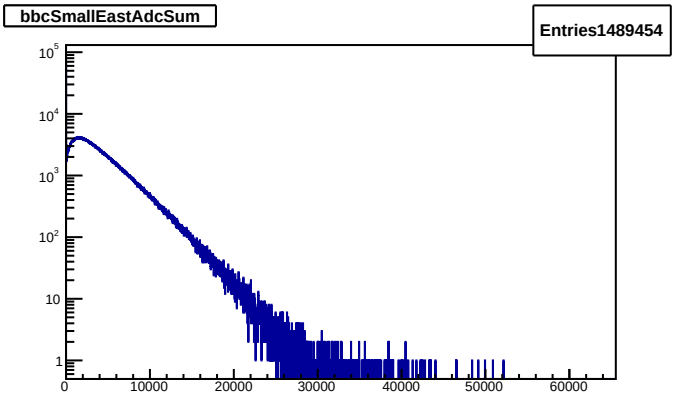

BBQ-VP002 (LO threshold)
Entries 2.383126e+07
TAC
QT Input Channel

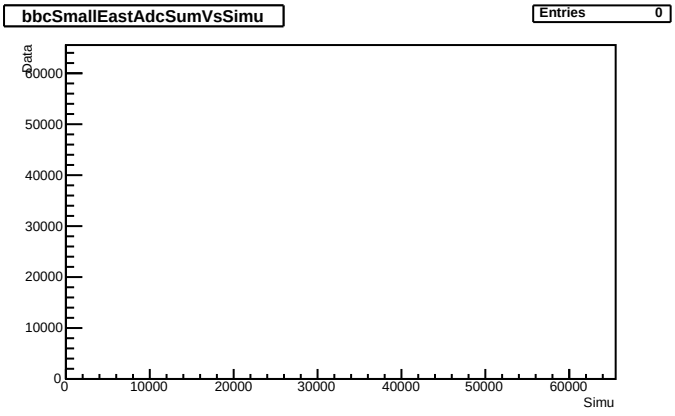

BBQ-VP003 (HI threshold)
Entries 2.383126e+07
ADC
QT Input Channel

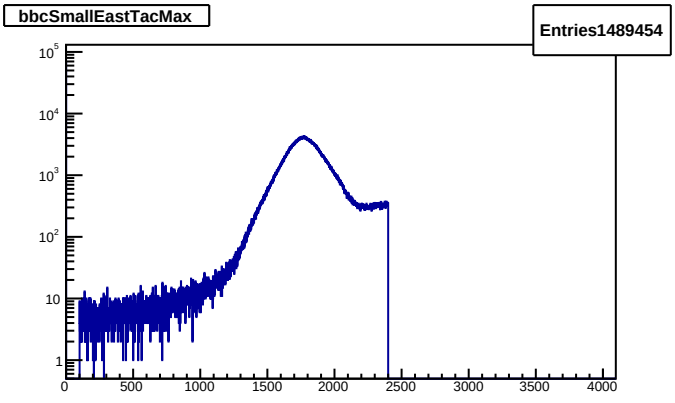

BBQ-VP003 (HI threshold)
Entries 2.383126e+07
TAC
QT Input Channel

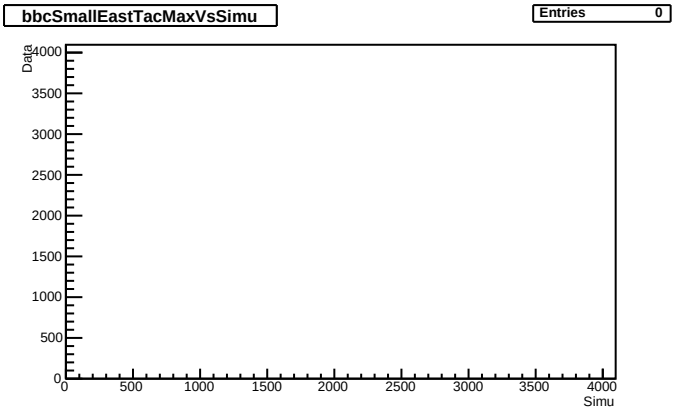

BBQ-VP004 (HI threshold)
Entries 2.383126e+07
ADC
QT Input Channel

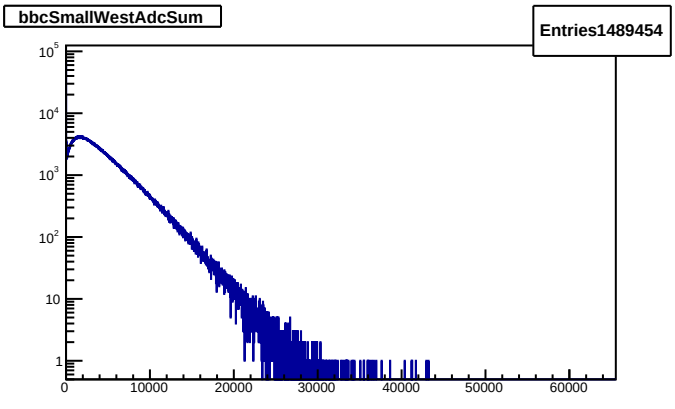

BBQ-VP004 (HI threshold)
Entries 2.383126e+07
TAC
QT Input Channel

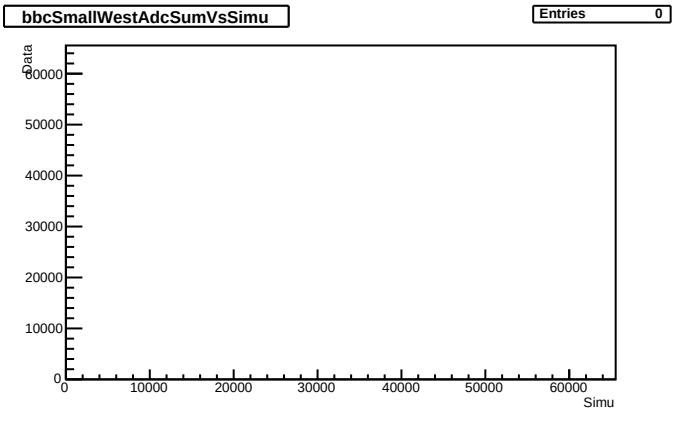

bbcSmallEastAdcSum
Entries1489454

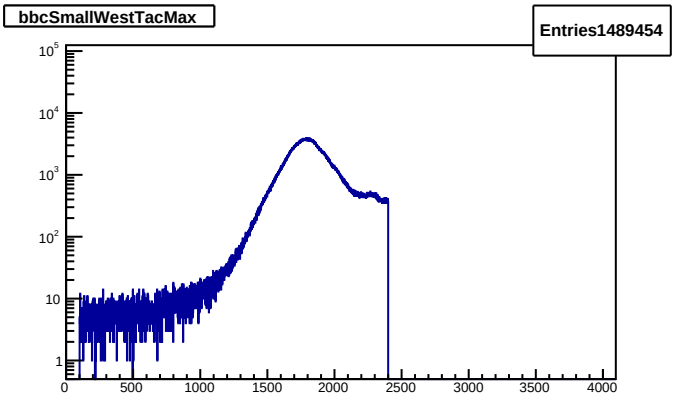

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

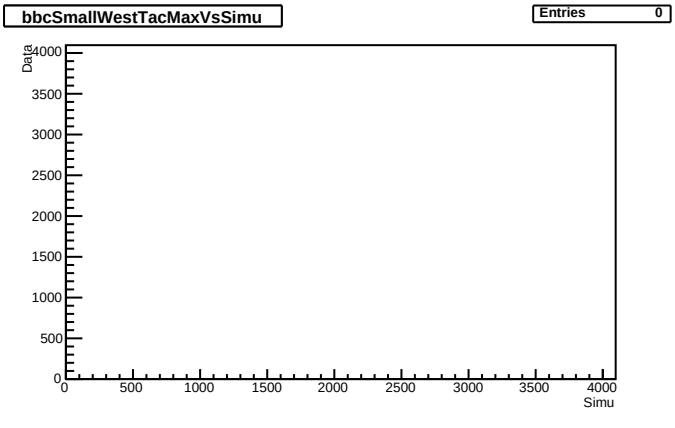

bbcSmallEastTacMax
Entries1489454

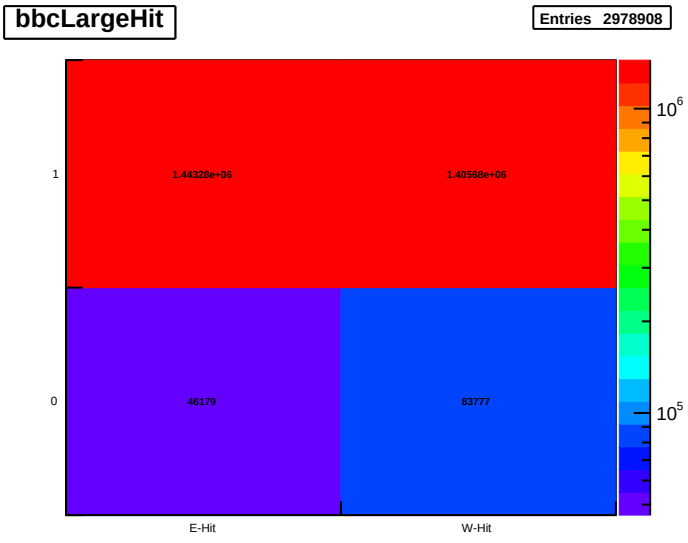

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

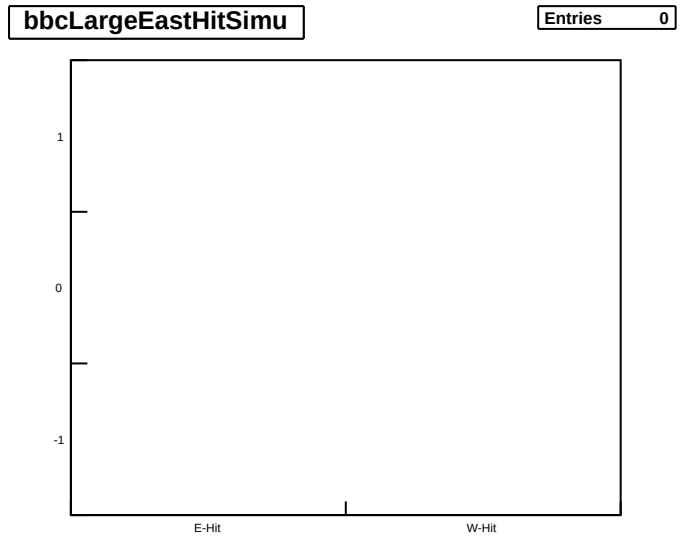

bbcSmallWestAdcSum
Entries1489454

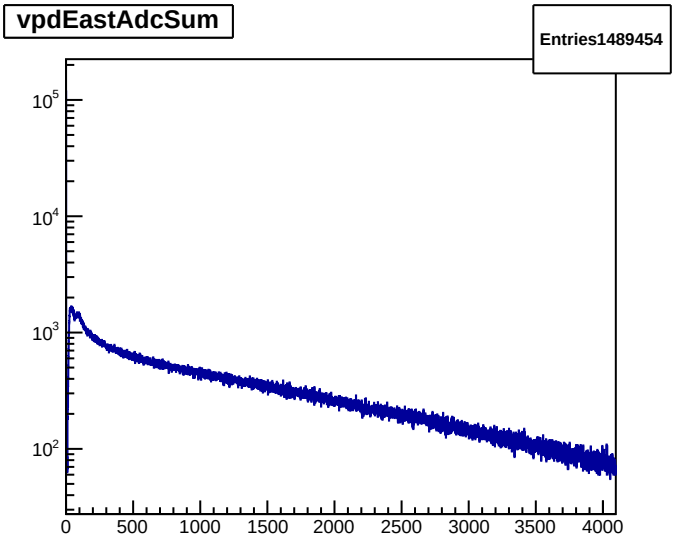

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

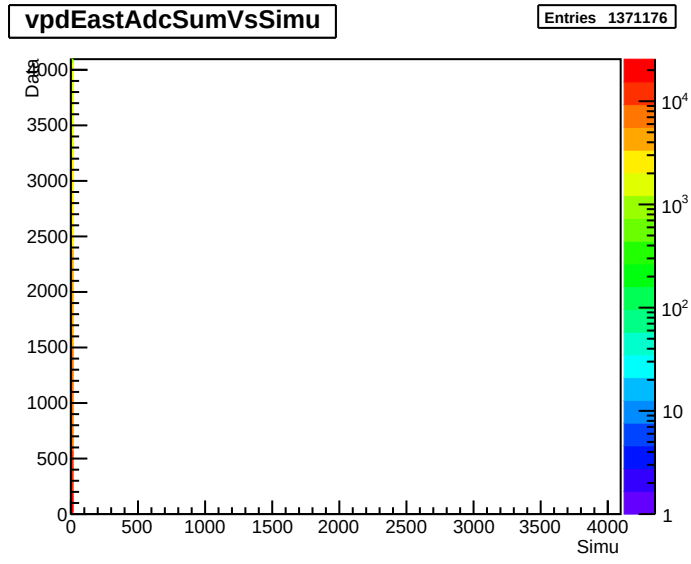

bbcSmallWestTacMax
Entries1489454

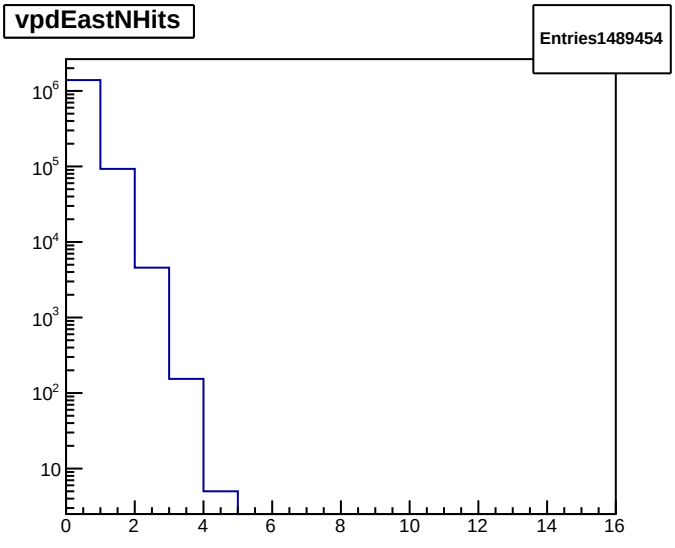

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

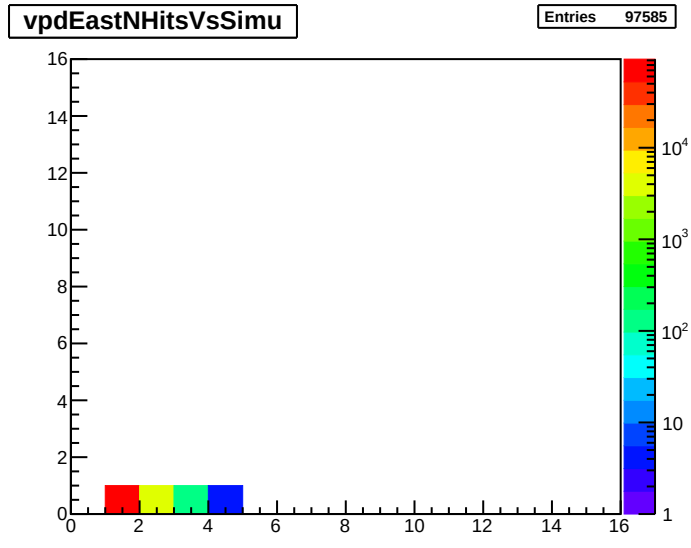

bbcLargeHit
Entries 2978908
1.44328e+06
1.40568e+06
46179
83777
1
0
E-Hit
W-Hit
10^6
10^5

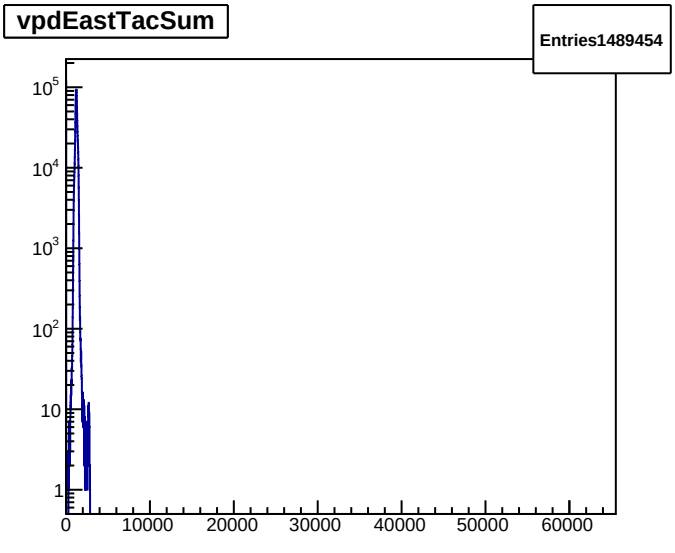

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

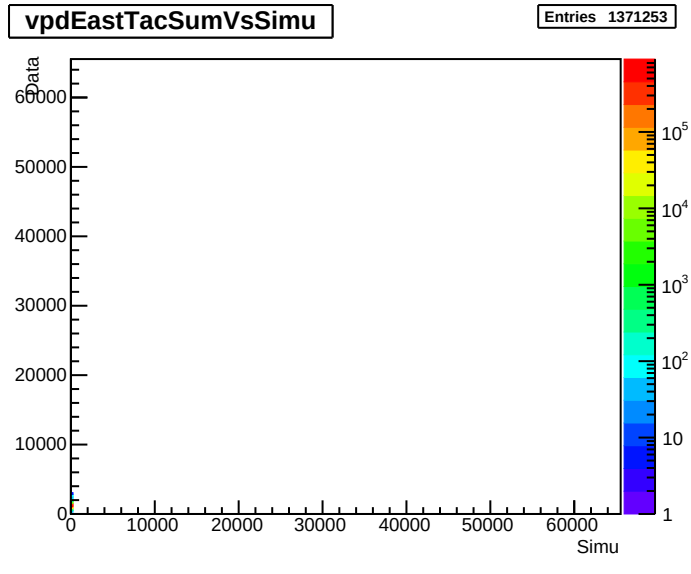

vpdEastAdcSum
Entries1489454

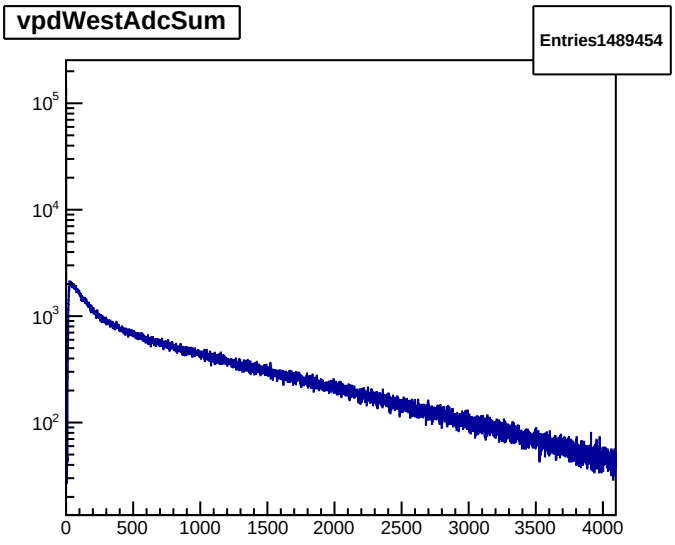

vpdEastAdcSumVsSimu
Entries 1371176
Data
Simu

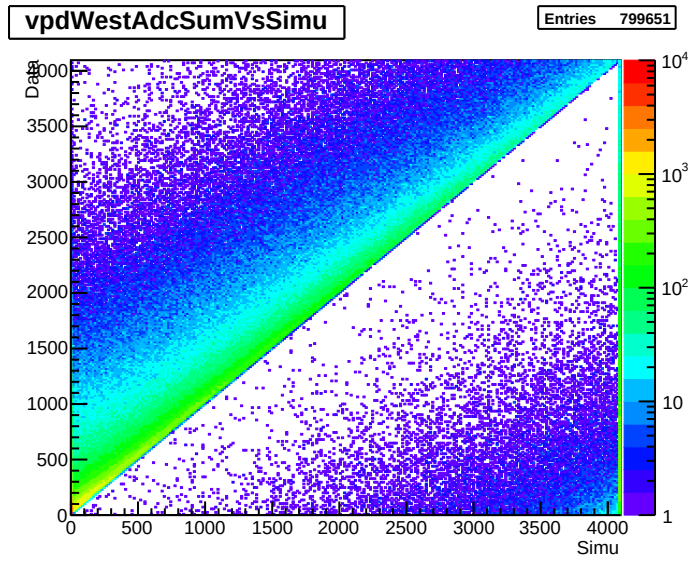

vpdEastNHits
Entries1489454

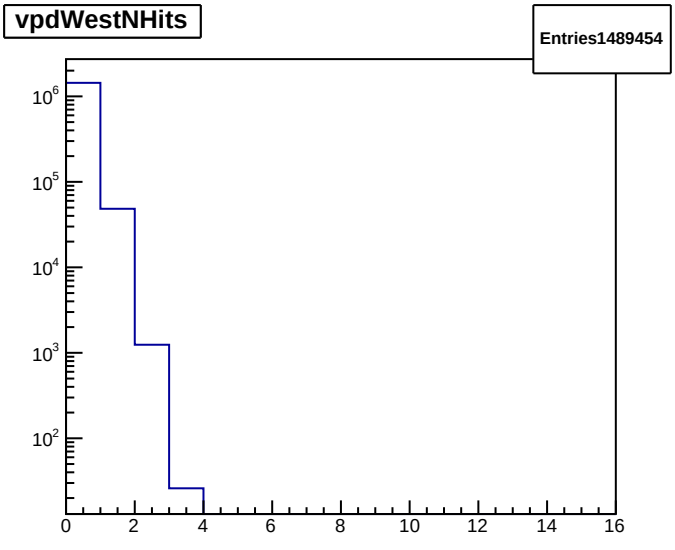

vpdEastNHitsVsSimu
Entries 97585

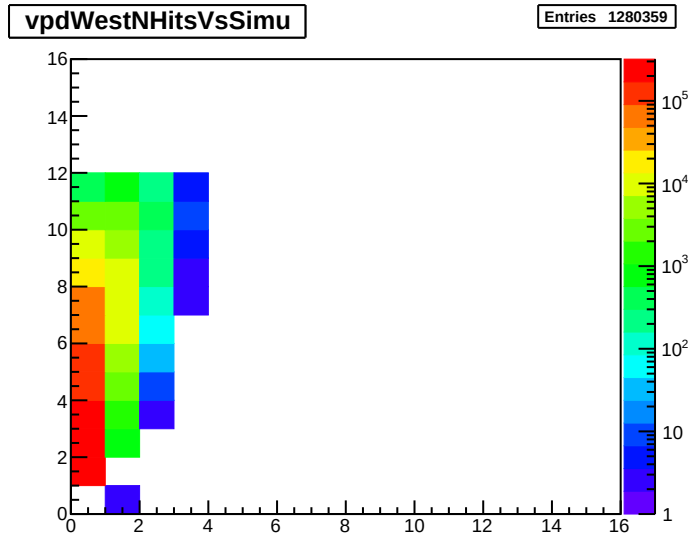

vpdEastTacSum
Entries1489454

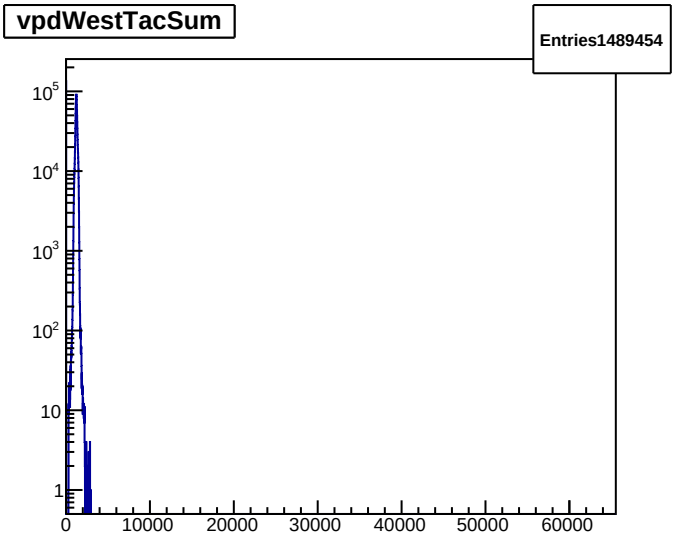

vpdEastTacSumVsSimu
Entries 1371253
Data
Simu

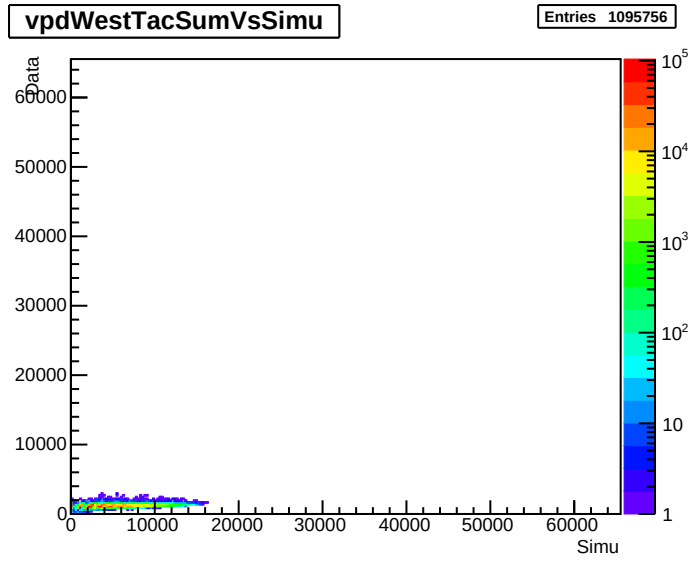

vpdWestAdcSum
Entries1489454

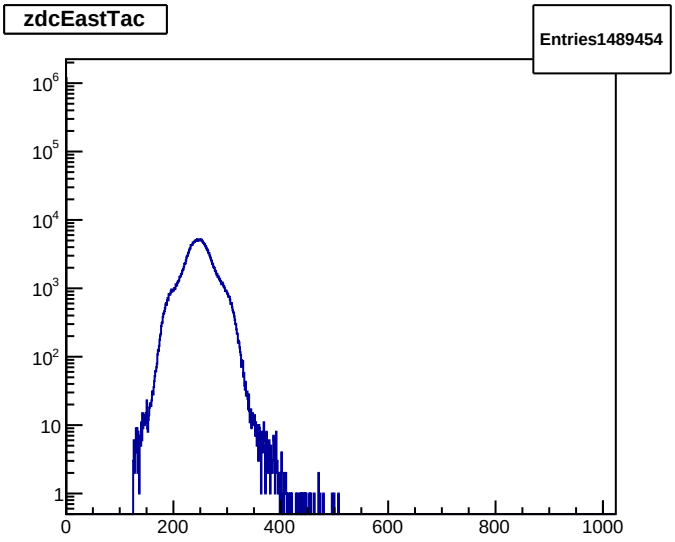

vpdWestAdcSumVsSimu
Entries 799651
Data
Simu

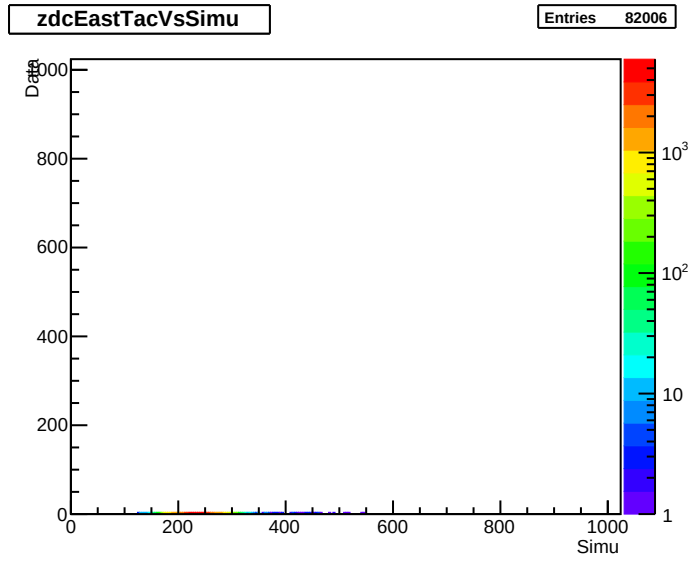

vpdWestNHits
Entries1489454

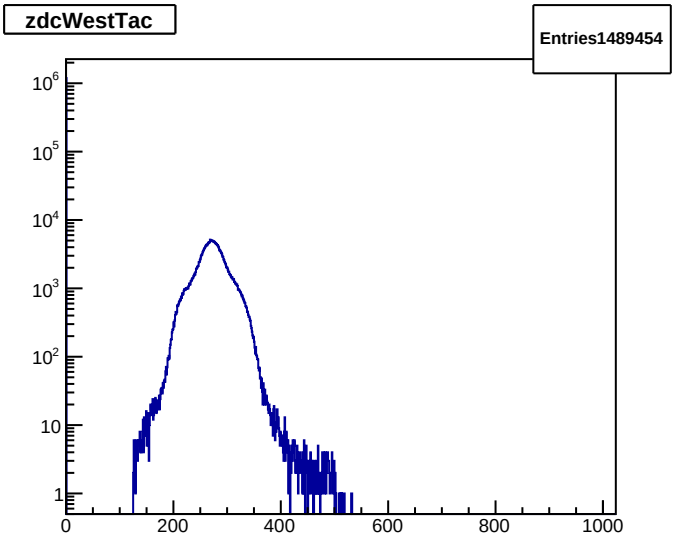

vpdWestNHitsVsSimu
Entries 1280359

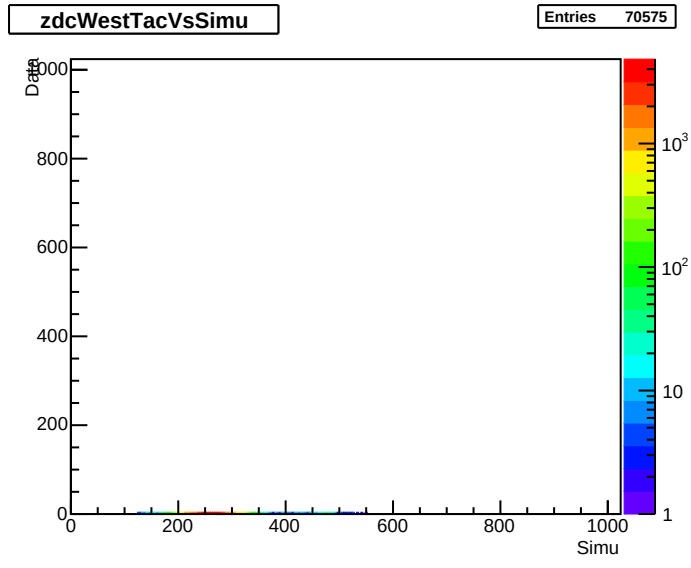

vpdWestTacSum
Entries1489454

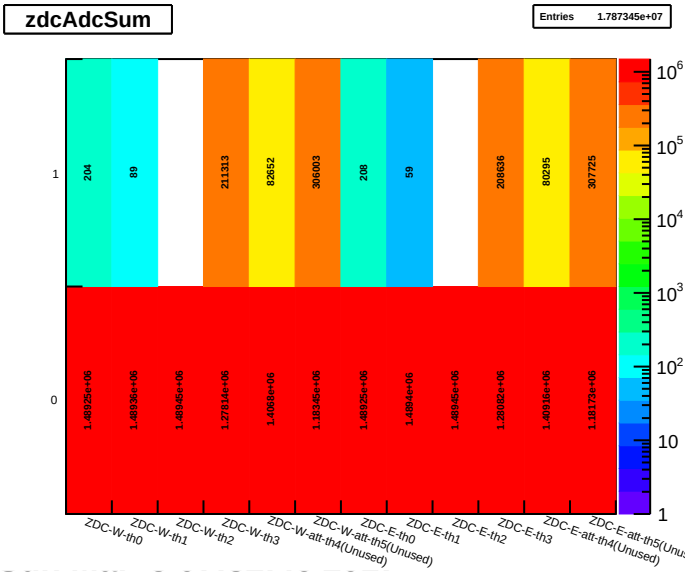

vpdWestTacSumVsSimu
Entries 1095756
Data
Simu

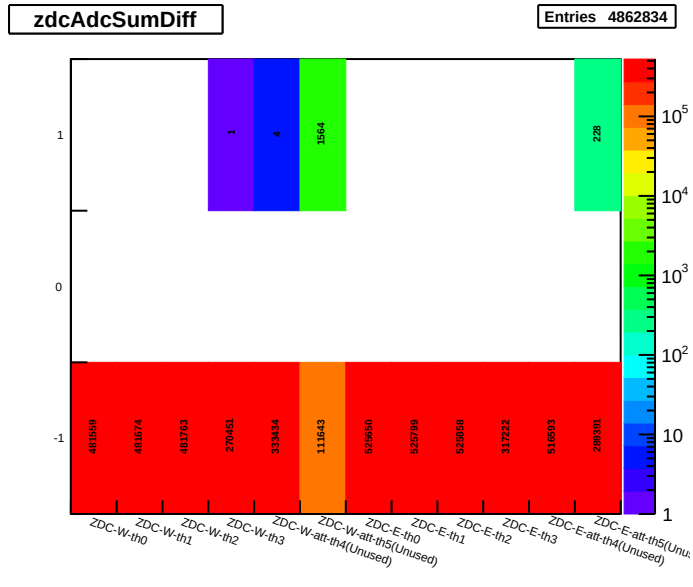

zdcEastTac
Entries1489454

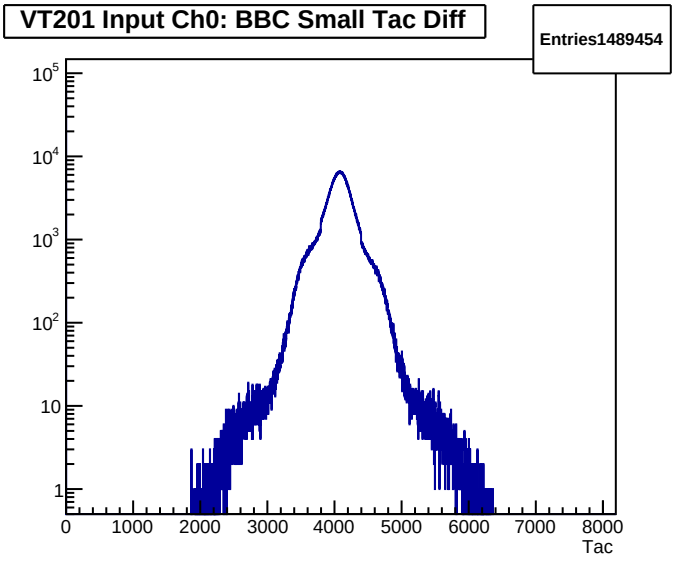

zdcEastTacVsSimu
Entries 82006
Data
Simu

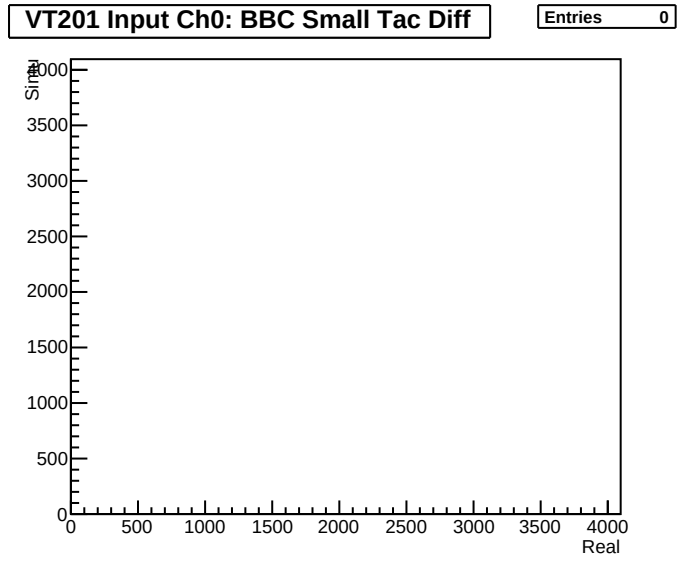

zdcWestTac
Entries1489454

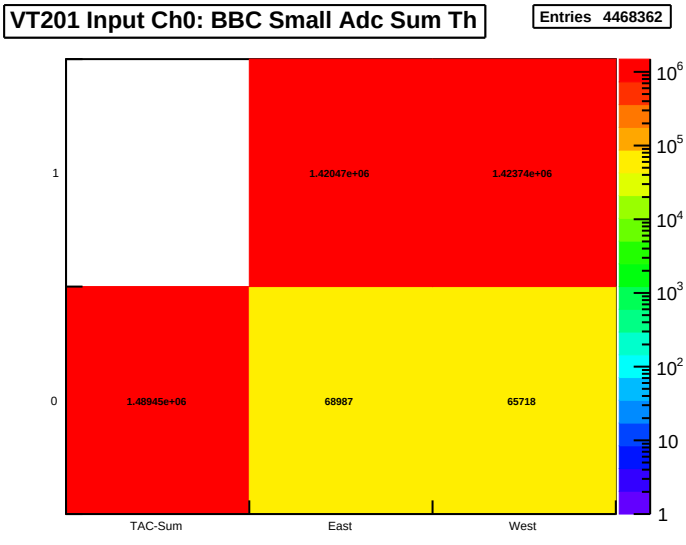

zdcWestTacVsSimu
Entries 70575
Data
Simu

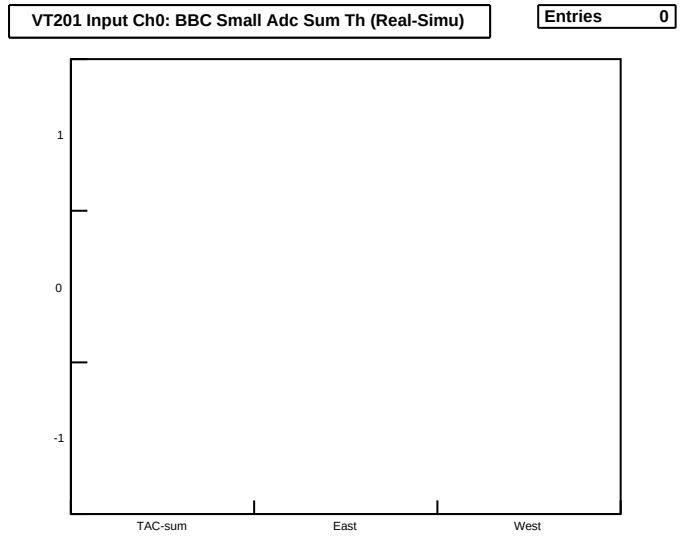

zdcAdcSum
Entries 1.787345e+07
204
89
211313
82552
306003
208
59
208636
80295
307725
1.48925e+06
1.48936e+06
1.48945e+06
1.27814e+06
1.4068e+06
1.18345e+06
1.48925e+06
1.48944e+06
1.48945e+06
1.28082e+06
1.40916e+06
1.18172e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

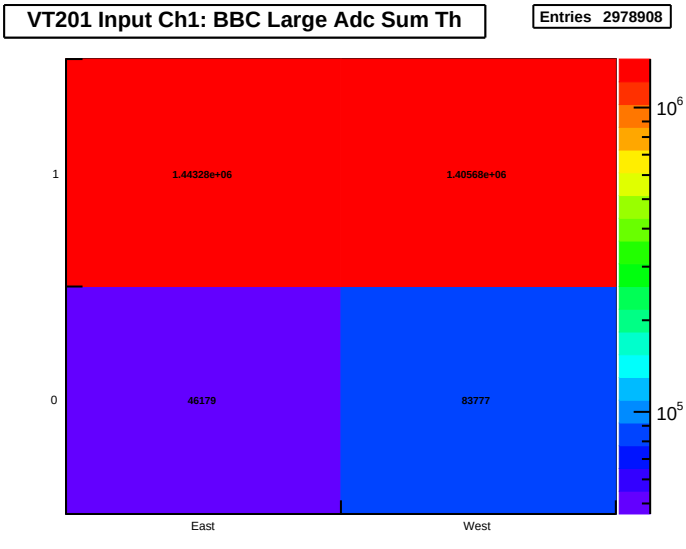

zdcAdcSumDiff
Entries 4862834
1
4
1564
228
481559
481674
481763
270451
333434
111643
525650
525799
528958
317222
516593
289391
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

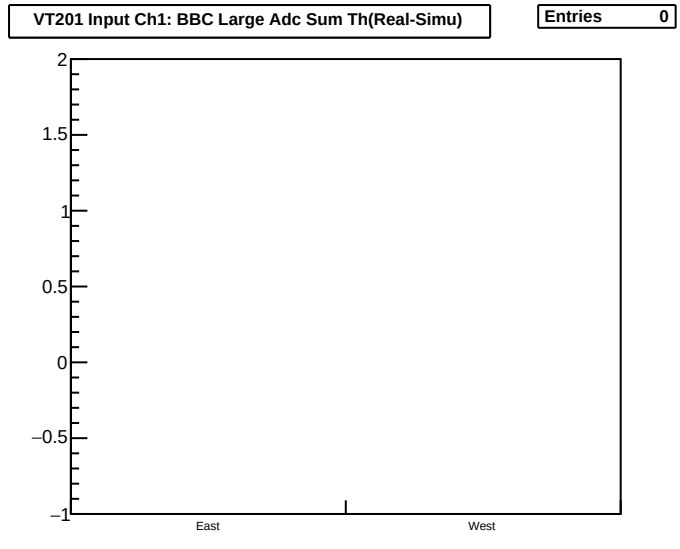

VT201 Input Ch0: BBC Small Tac Diff
Entries1489454
Tac


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

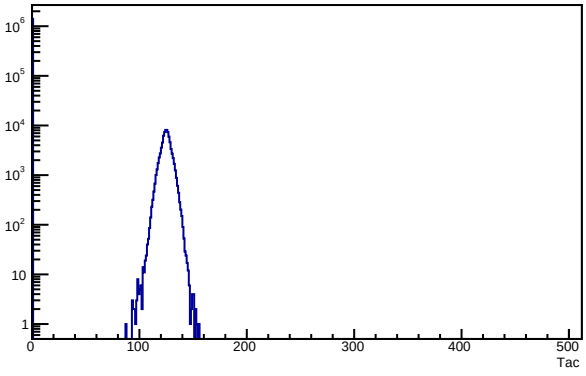

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4468362
1.42047e+06
1.42374e+06
1.48945e+06
68987
65718
TAC-Sum
East
West


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

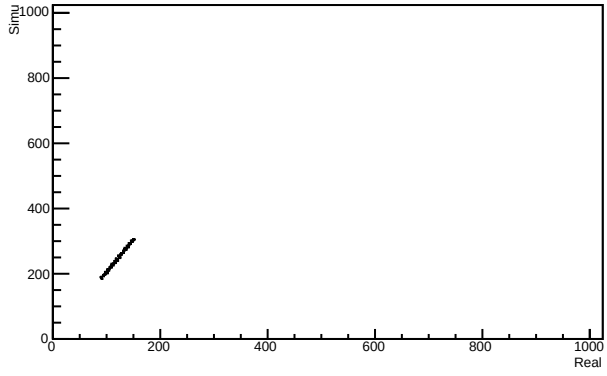

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2978908
1.44328e+06
1.40568e+06
46179
83777
East
West


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

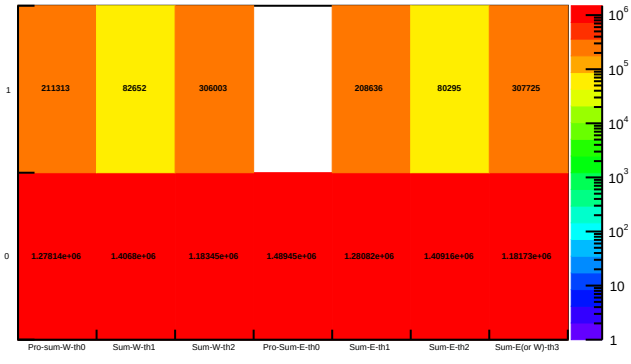
VT201 Input Ch2: ZDC Tac Diff



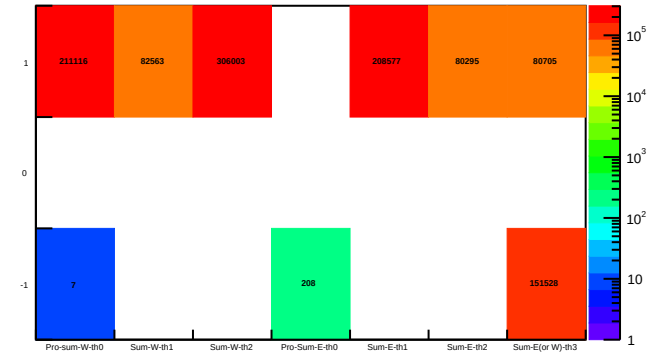
VT201 Input Ch2: ZDC Tac Diff



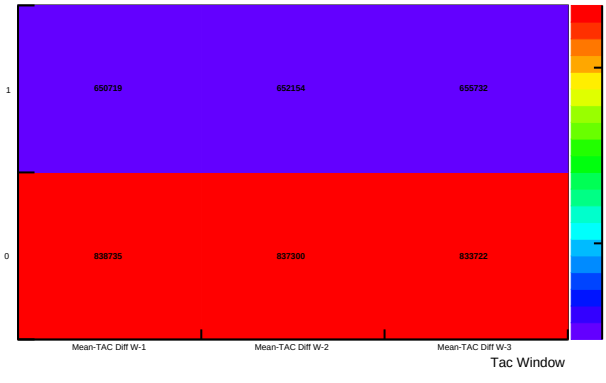
VT201 Input Ch2: ZDC Adc Sum Th



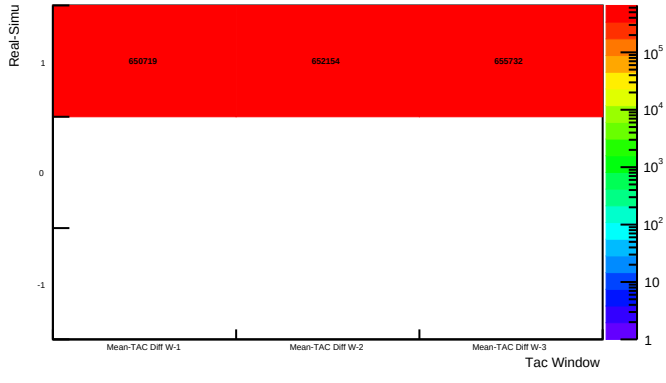
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



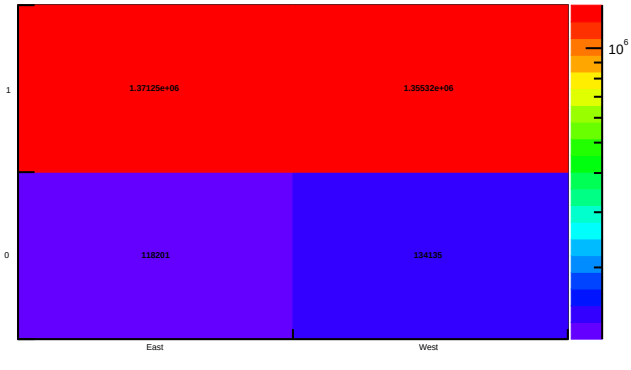
VT201 Input Ch4: VPD Tac Diff



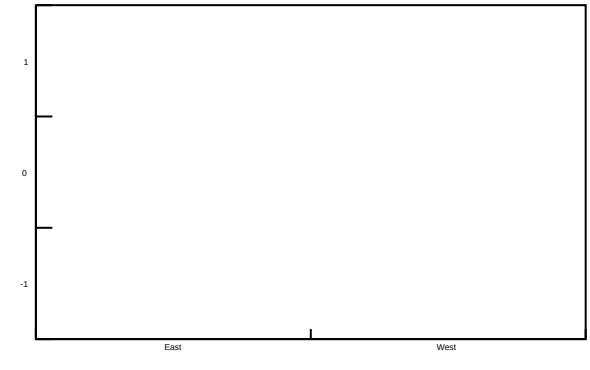
VT201 Input Ch4: VPD Tac Diff

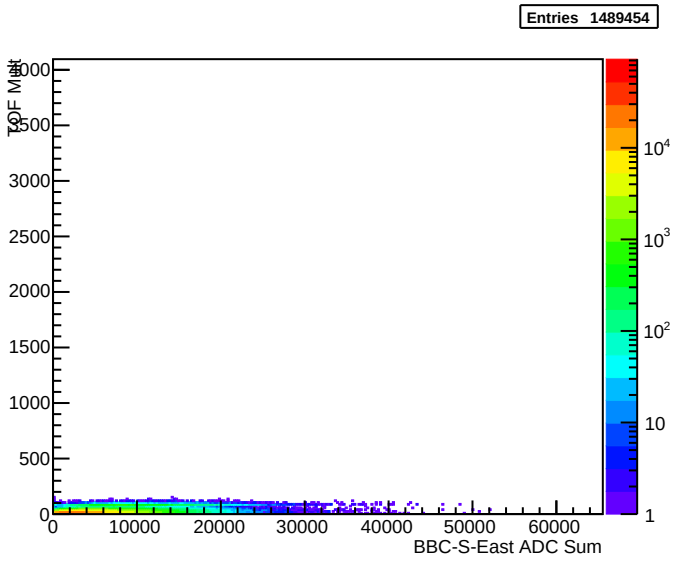


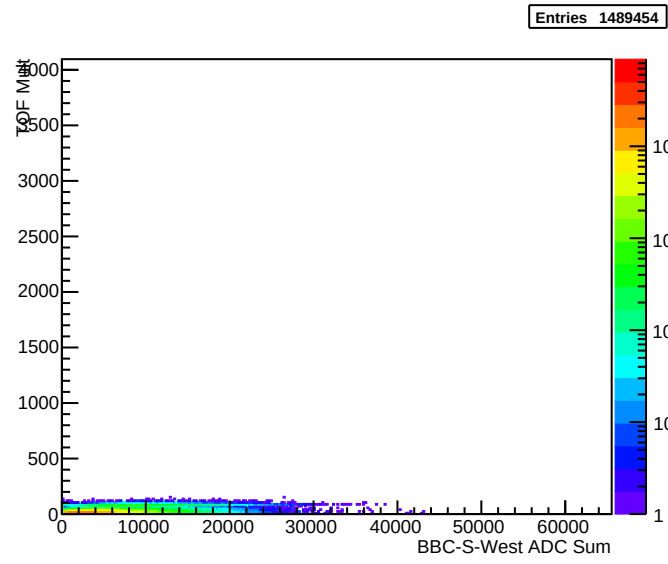
VT201 Input Ch4: VPD Adc Sum Th

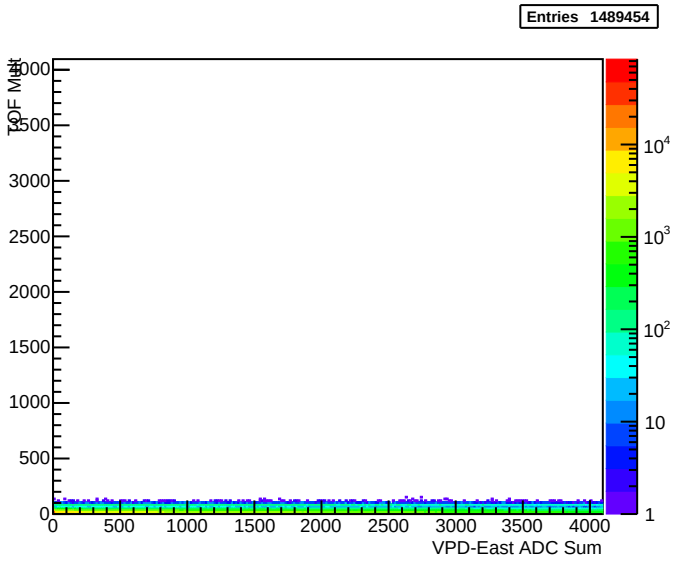


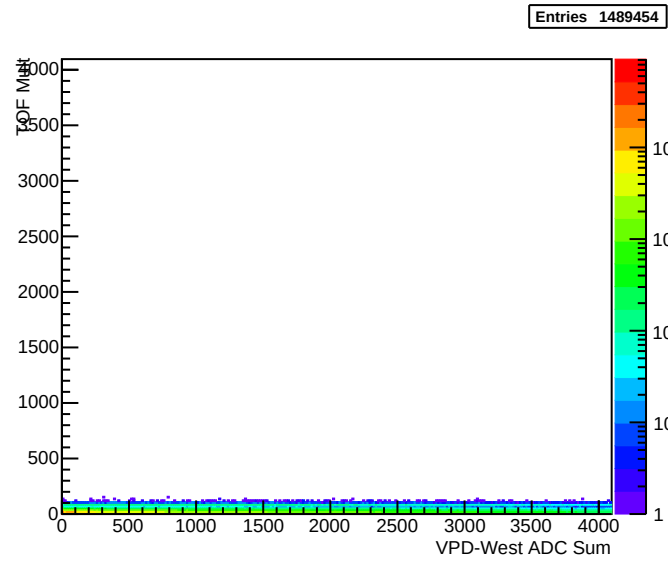
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

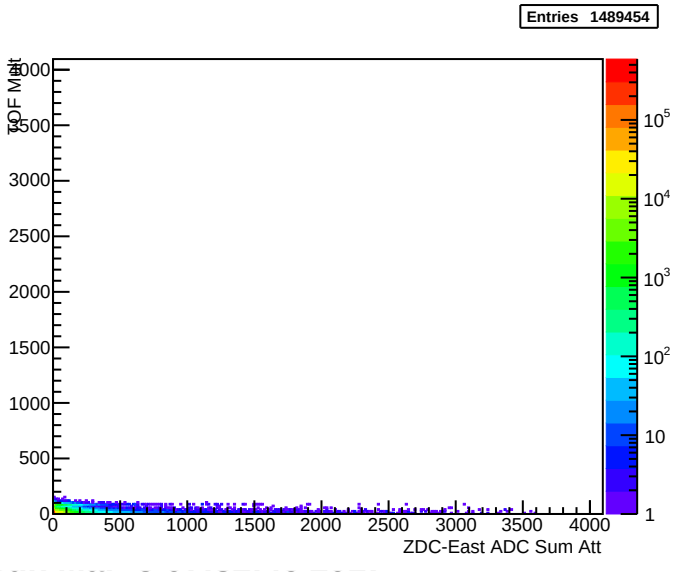


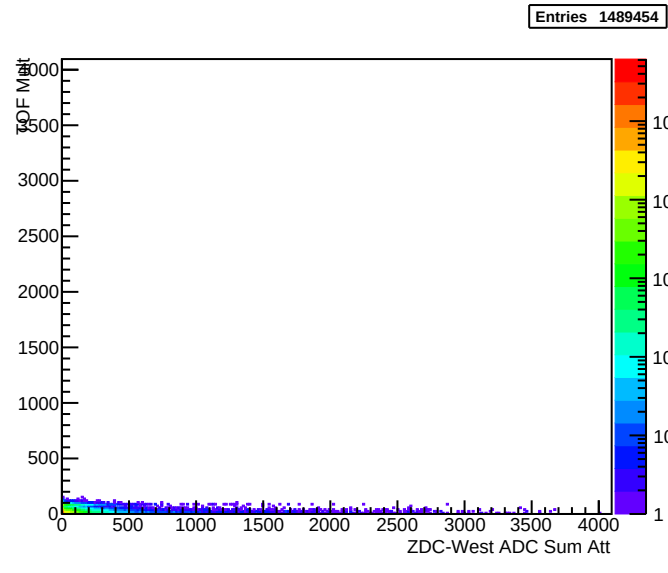

Entries 1489454
TOF Mult
BBC-S-East ADC Sum

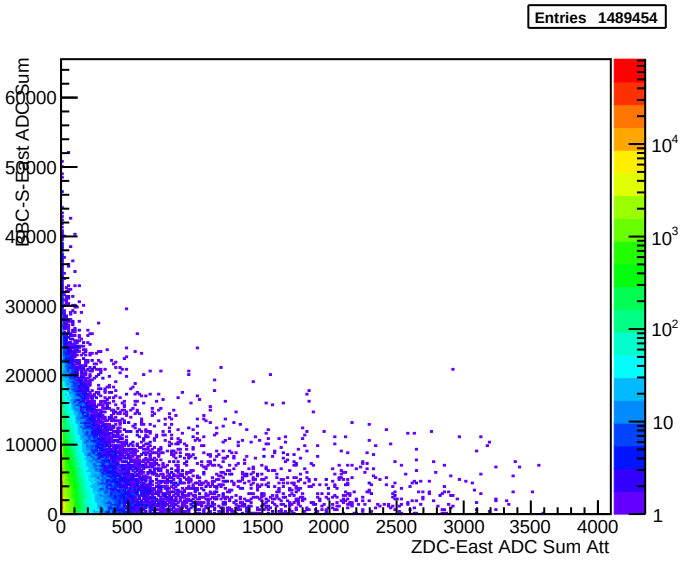

Entries 1489454
TOF Mult
BBC-S-West ADC Sum

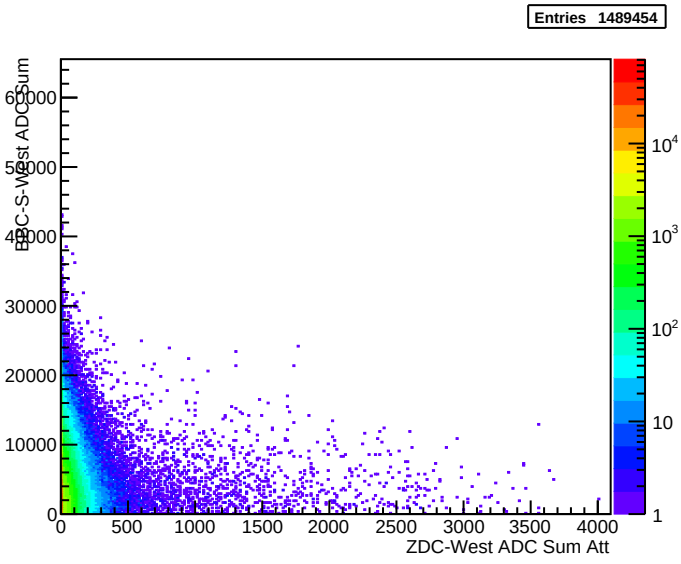

Entries 1489454
TOF Mult
VPD-East ADC Sum

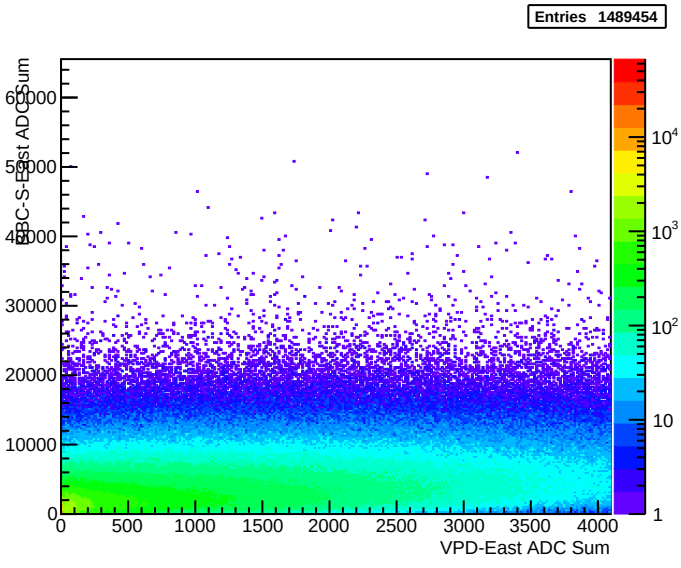

Entries 1489454
TOF Mult
VPD-West ADC Sum

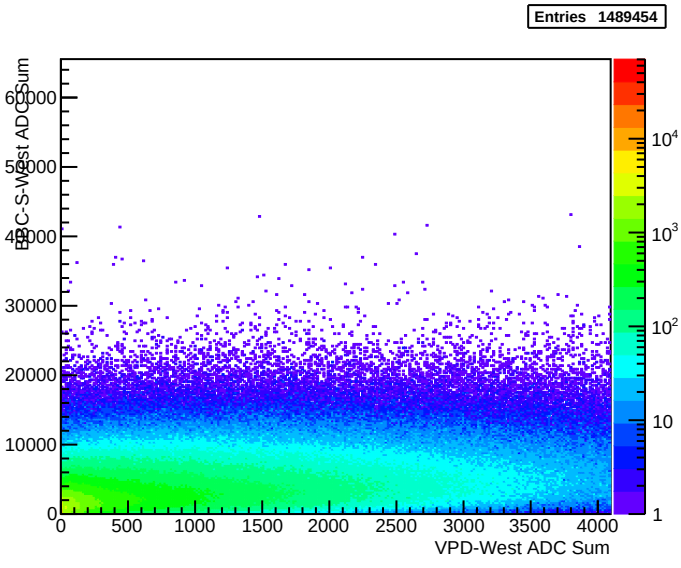

Entries 1489454
TOF Mult
ZDC-East ADC Sum Att

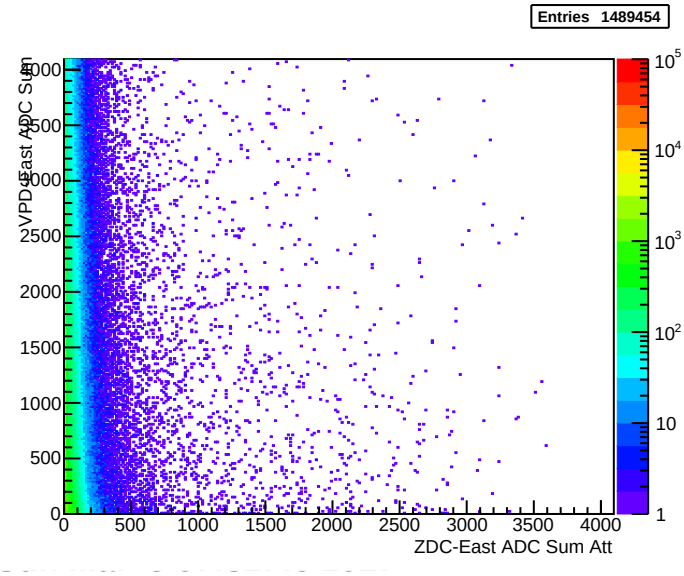

Entries 1489454
TOF Mult
ZDC-West ADC Sum Att

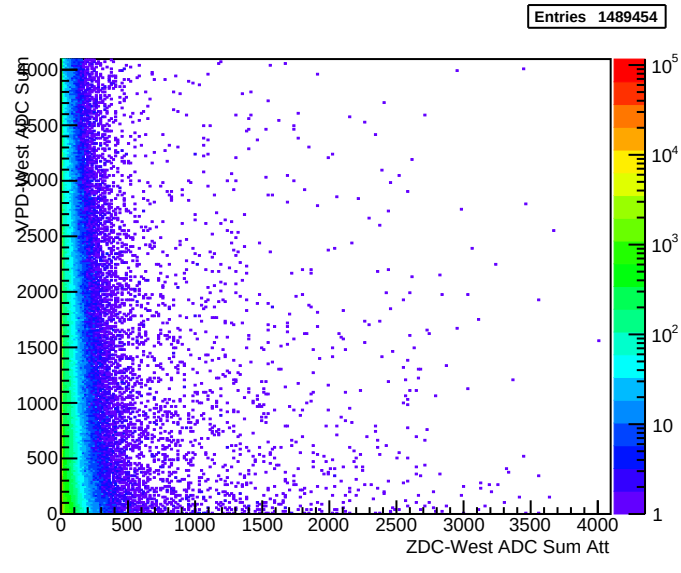

Entries 1489454
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

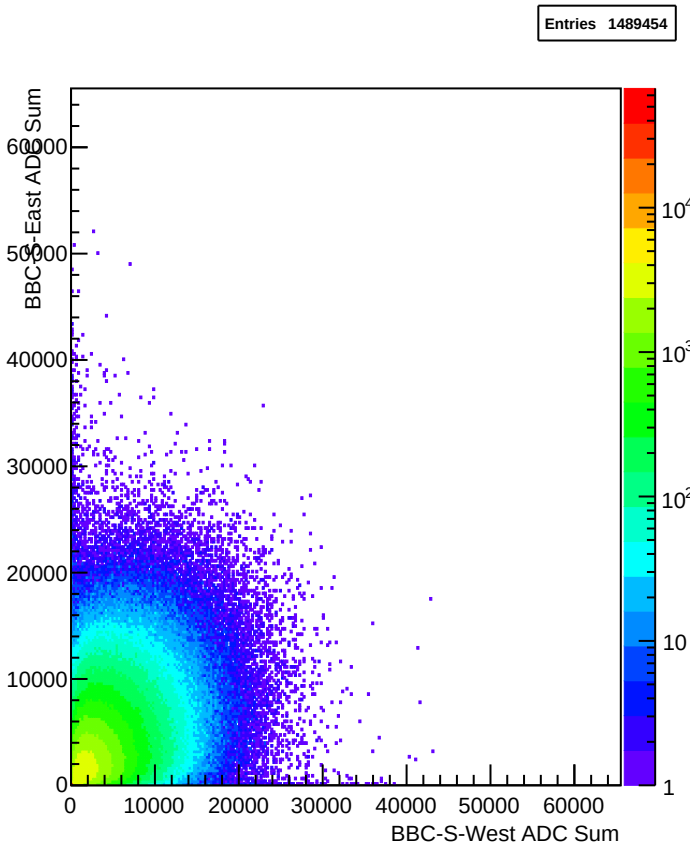

Entries 1489454
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

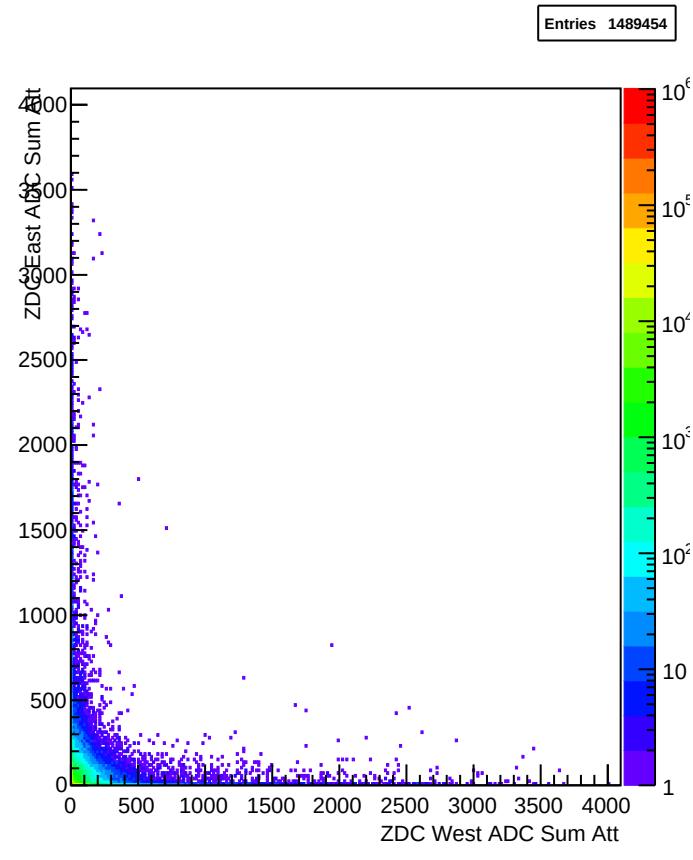

Entries 1489454
BBC-S-East ADC Sum
VPD-East ADC Sum

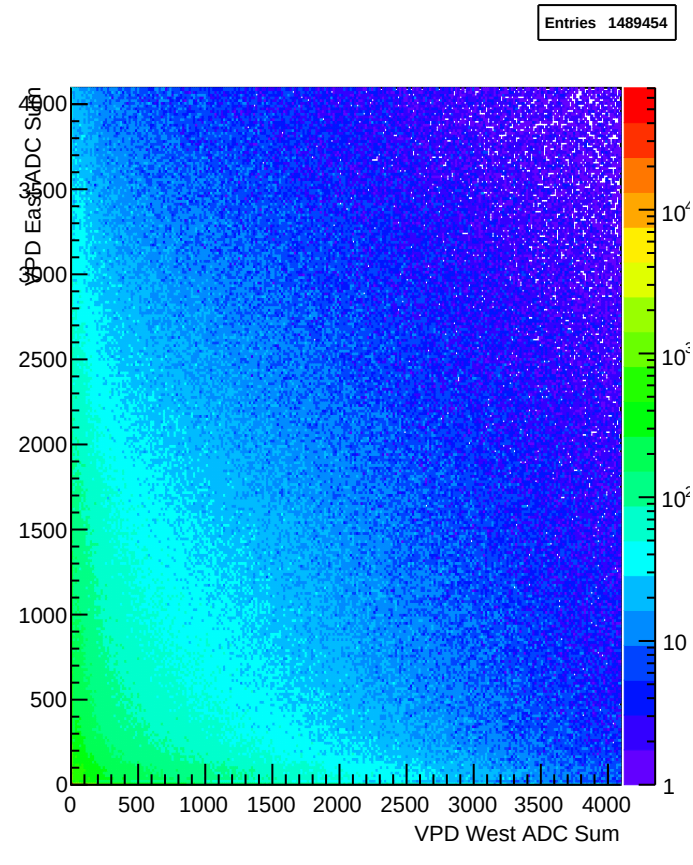

Entries 1489454
BBC-S-West ADC Sum
VPD-West ADC Sum

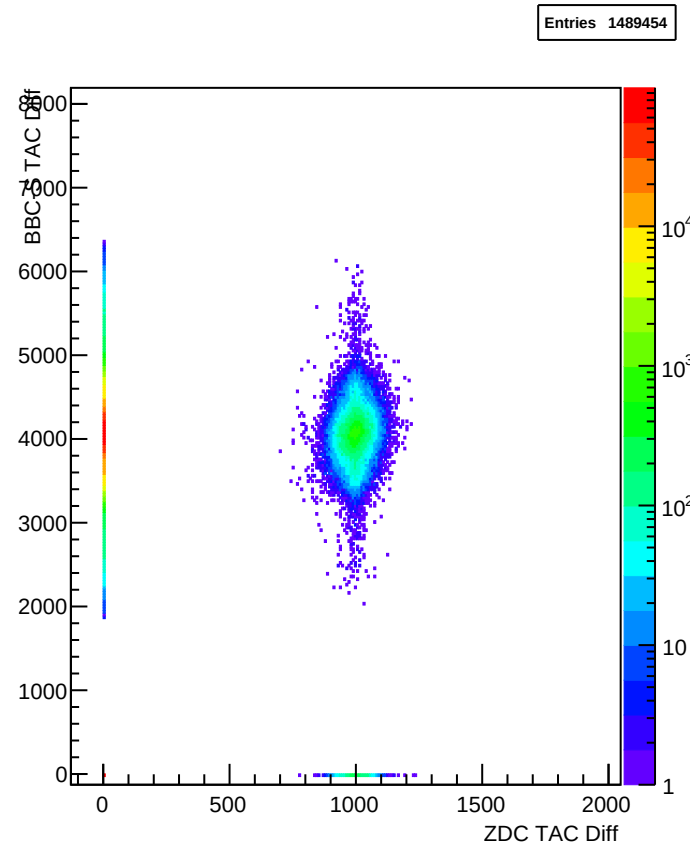

Entries 1489454
VPD-East ADC Sum
ZDC-East ADC Sum Att

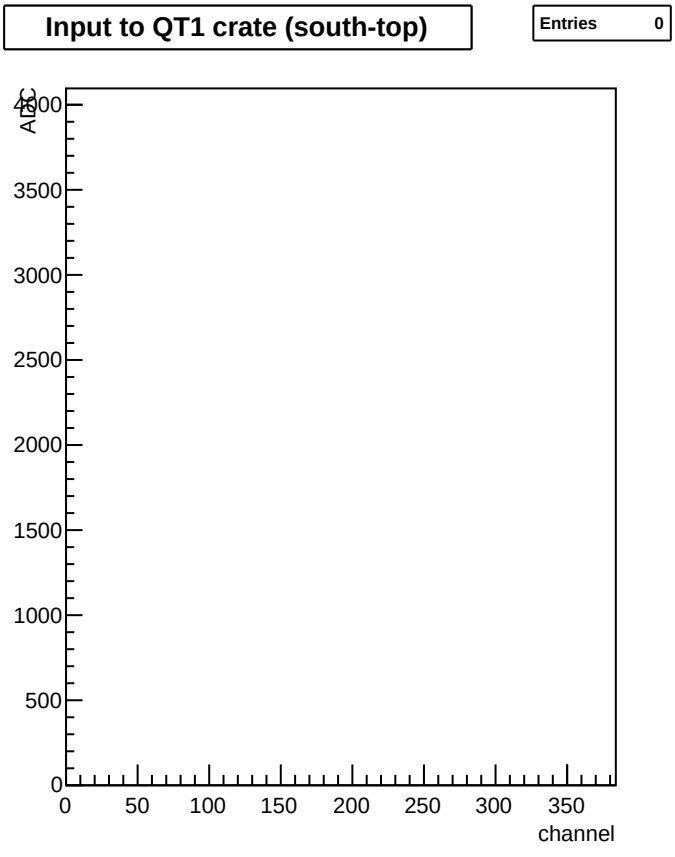

Entries 1489454
VPD-West ADC Sum
ZDC-West ADC Sum Att

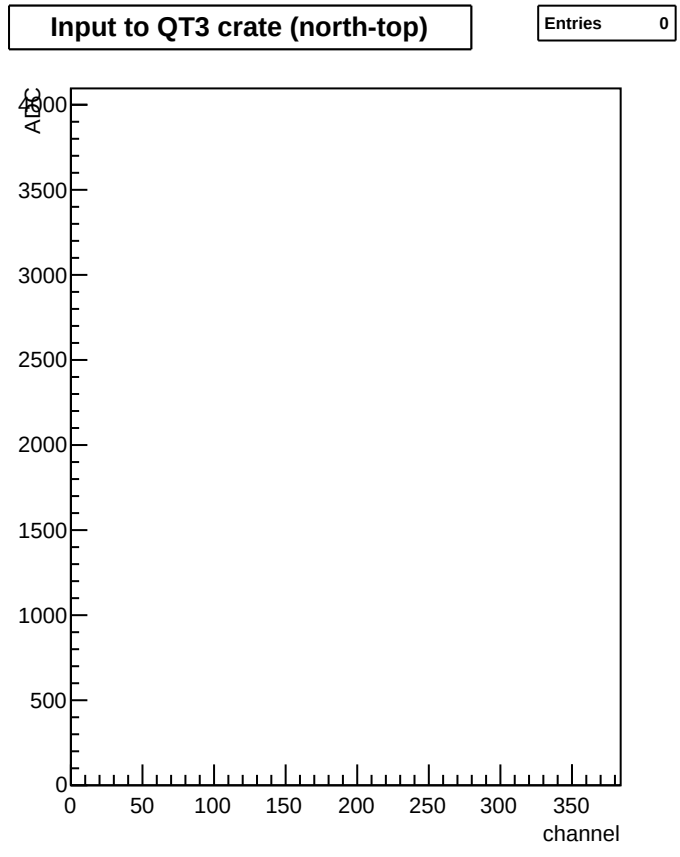

Entries 1489454
BBC-S-East ADC Sum
BBC-S-West ADC Sum

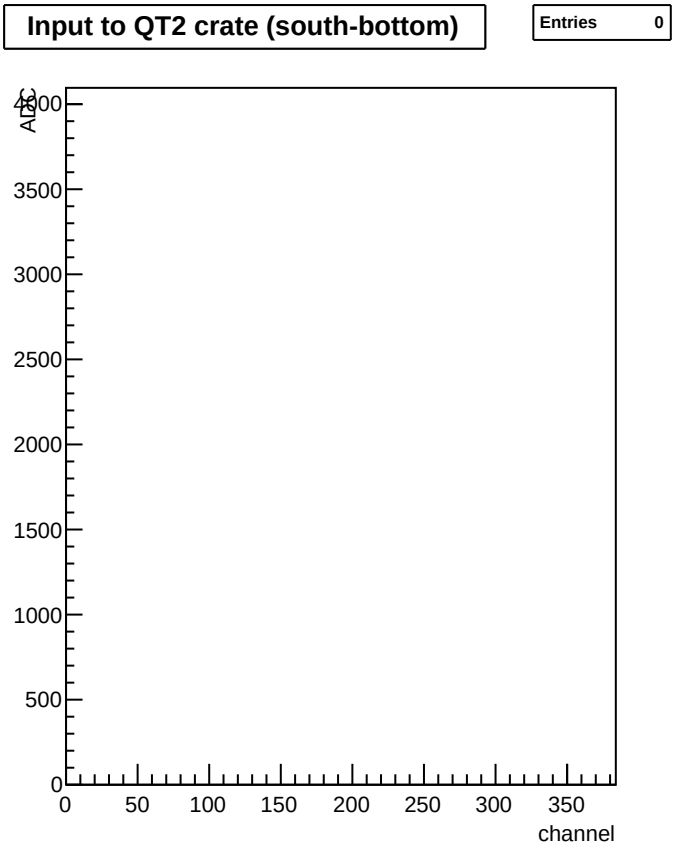

Entries 1489454
ZDC East ADC Sum Att
ZDC West ADC Sum Att

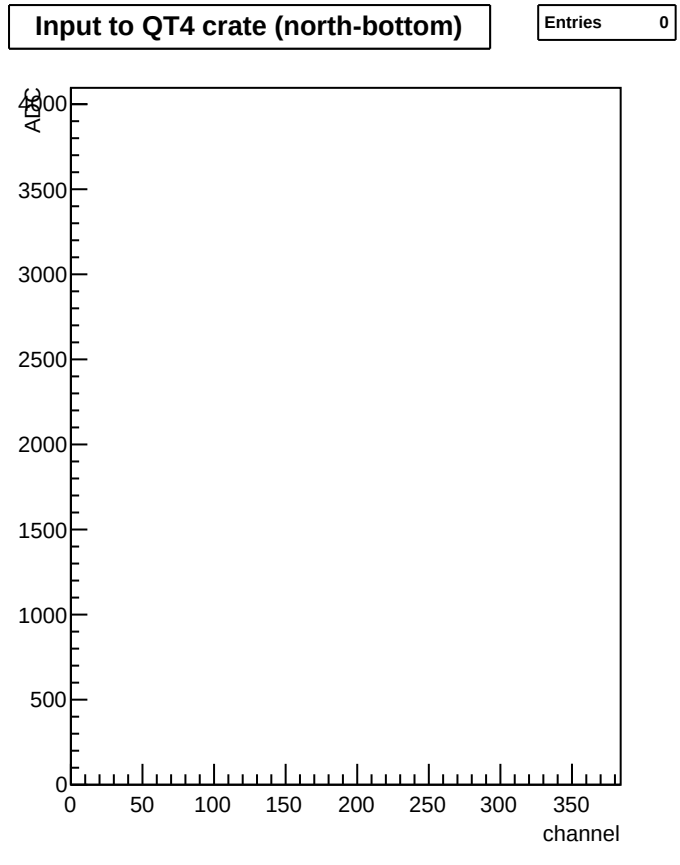

Entries 1489454
VPD East ADC Sum
VPD West ADC Sum

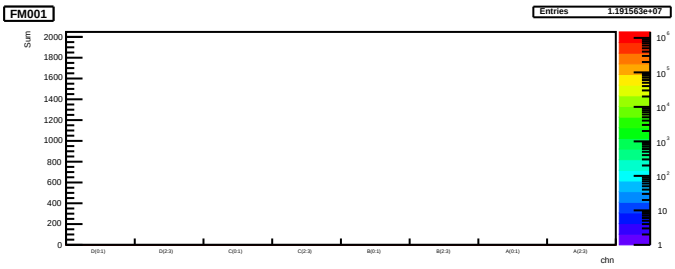

Entries 1489454
BBC-S TAC Diff
ZDC TAC Diff

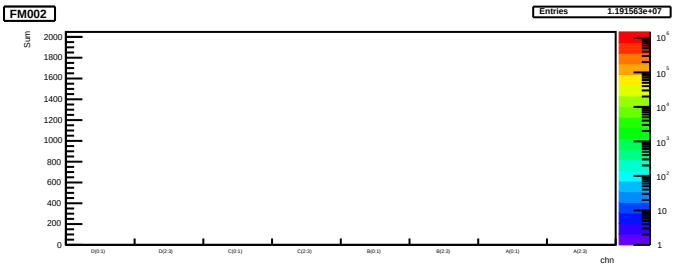

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

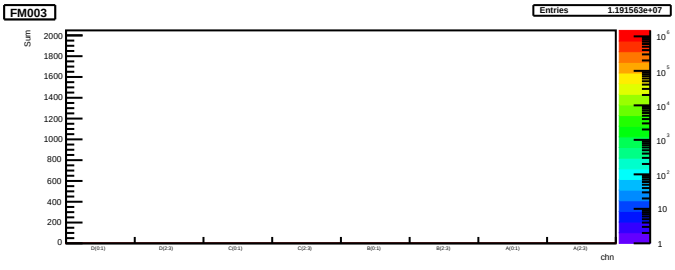

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

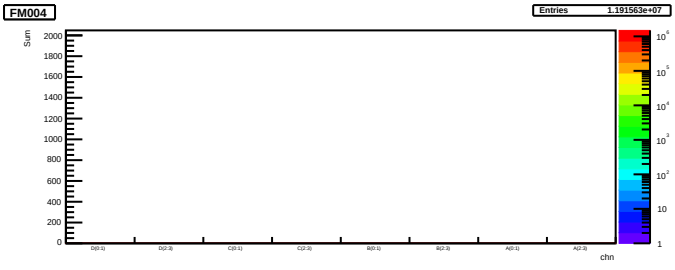

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

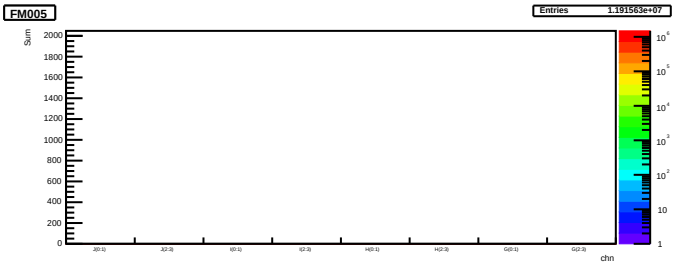

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

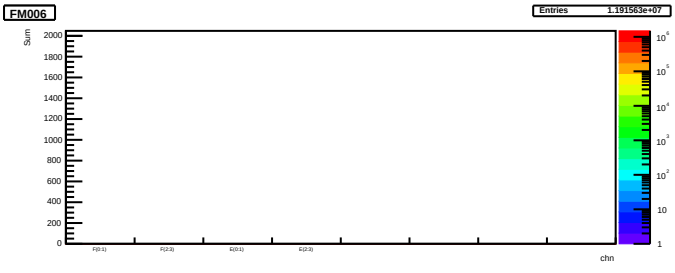

FM001
Entries 1.191563e+07
Sum
chn

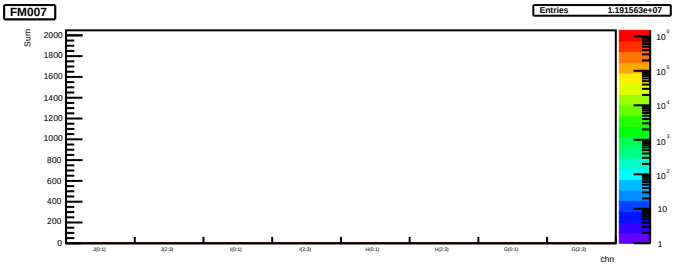

FM002
Entries 1.191563e+07
Sum
chn

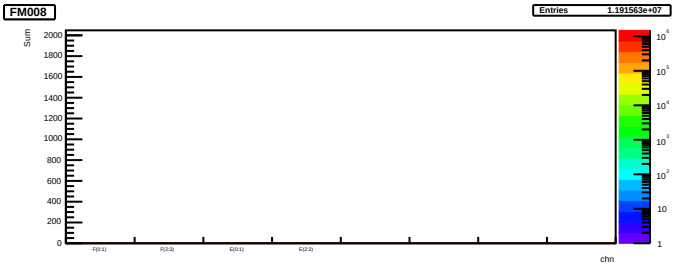

FM003
Entries 1.191563e+07
Sum
chn

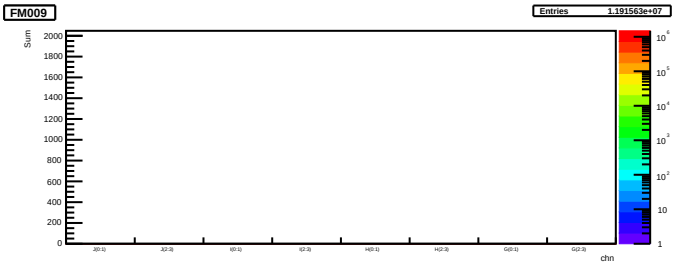

FM004
Entries 1.191563e+07
Sum
chn

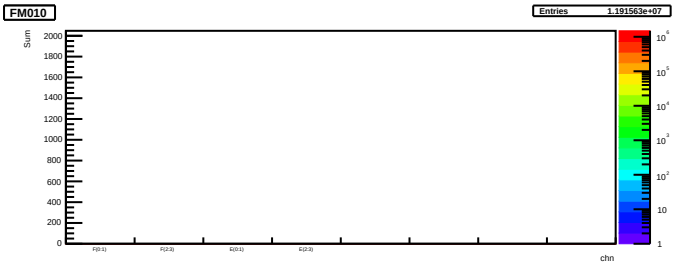

FM005
Entries 1.191563e+07
Sum
chn

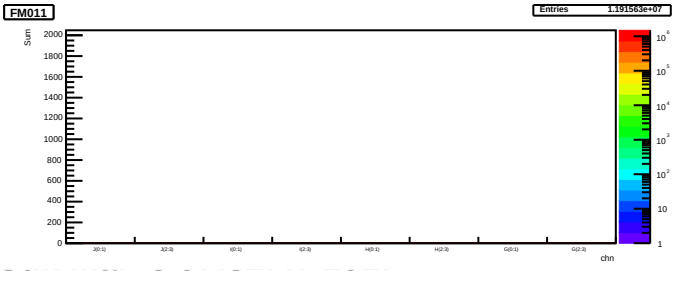

FM006
Entries 1.191563e+07
Sum
chn

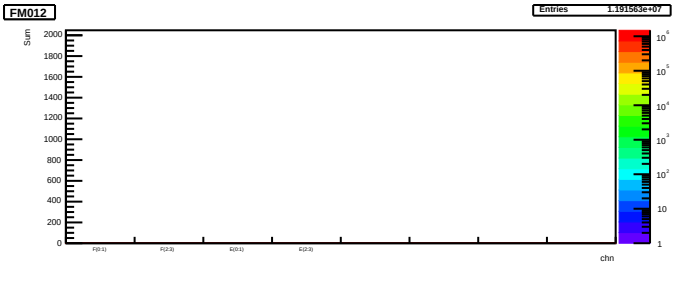

FM007
Entries 1.191563e+07
Sum
chn

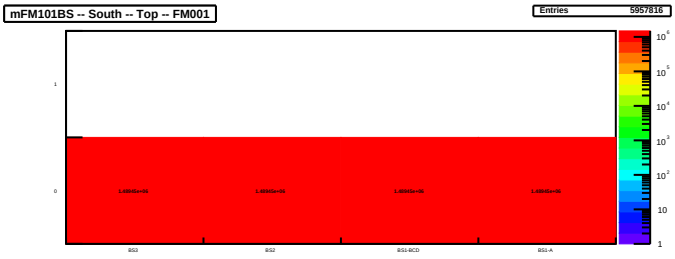

FM008
Entries 1.191563e+07
Sum
chn

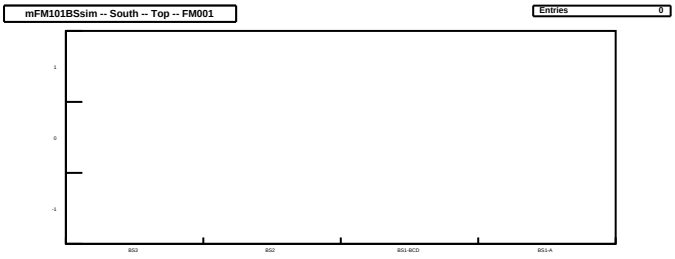

FM009
Entries 1.191563e+07
Sum
chn

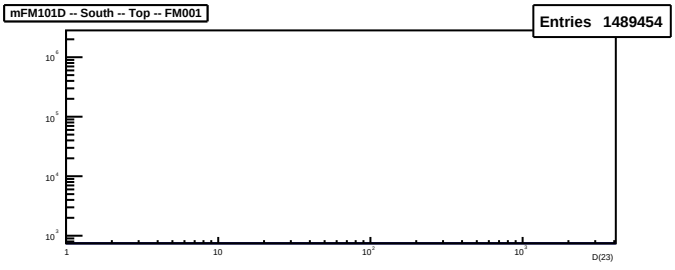

FM010
Entries 1.191563e+07
Sum
chn

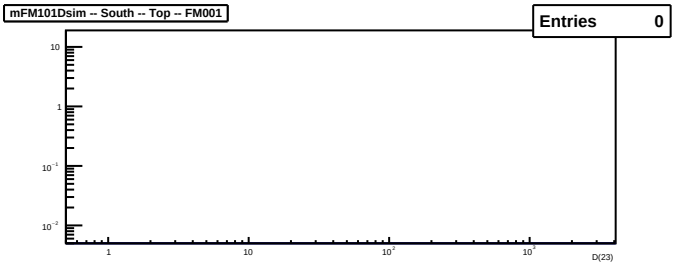

FM011
Entries 1.191563e+07
Sum
chn

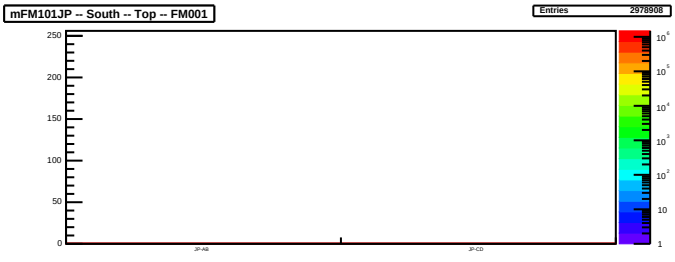

FM012
Entries 1.191563e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 5957816
BS3
BS2
BS1-BCD
BS1-A

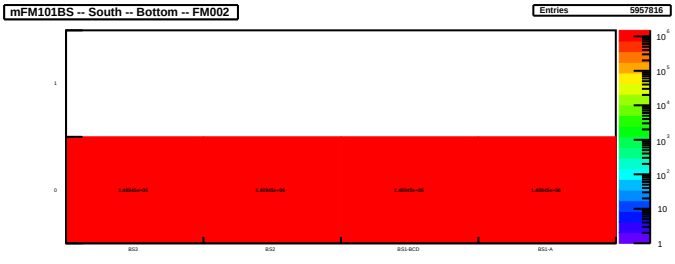

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

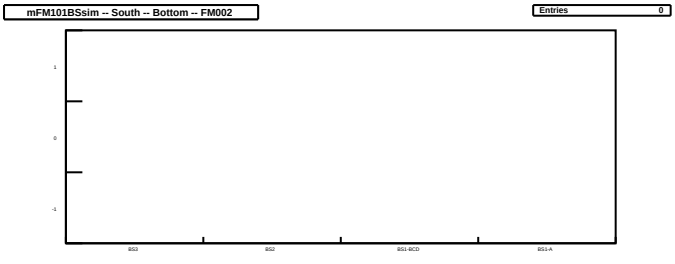

mFM101D -- South -- Top -- FM001
Entries 1489454
D(23)

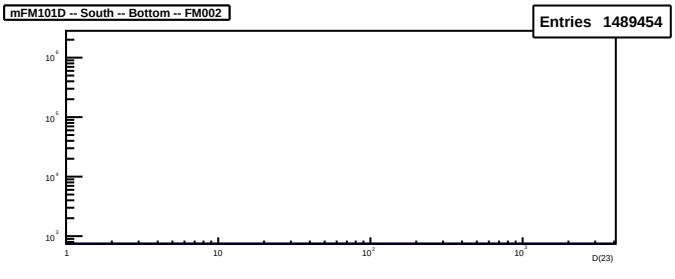

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

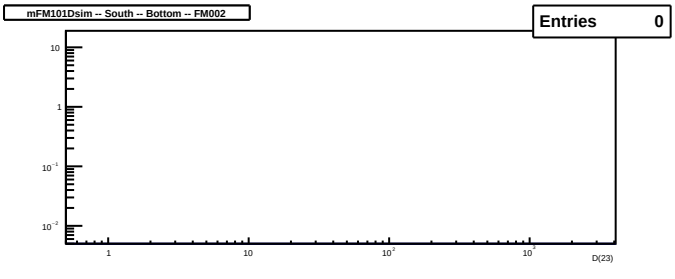

mFM101JP -- South -- Top -- FM001
Entries 2978908
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 5957816
BS3
BS2
BS1-BCD
BS1-A

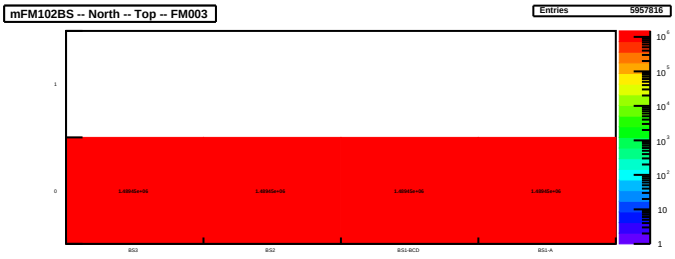

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 1489454
D(23)

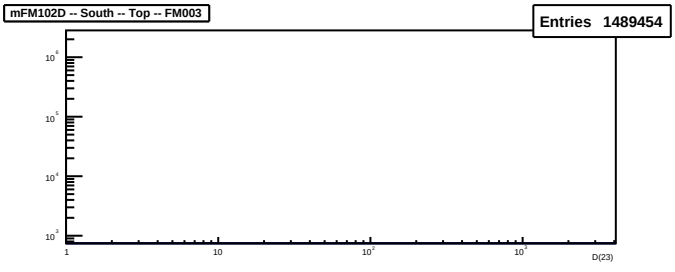

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

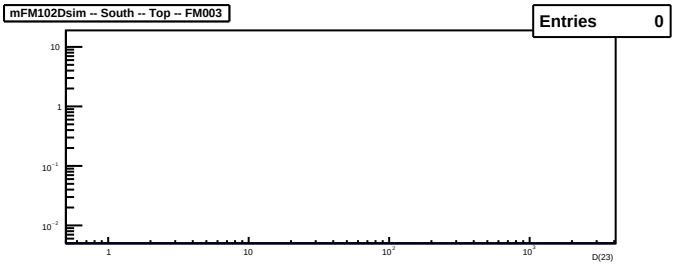
mFM101JP -- South -- Bottom -- FM002
Entries 2978908
JP-AB
JP-CD

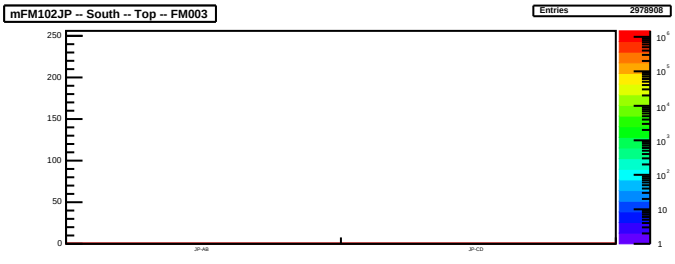
mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 5957816
1.489e+06
1.489e+06
1.489e+06
1.489e+06
BS3
BS2
BS1-BCD
BS1-A

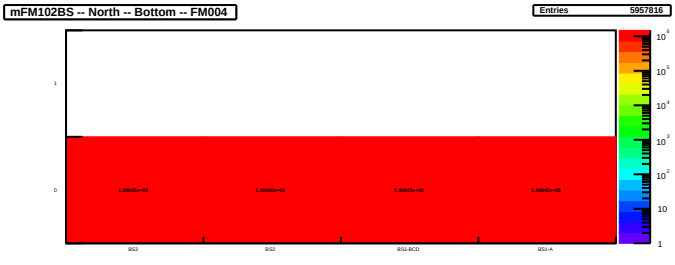
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 1489454
D(23)

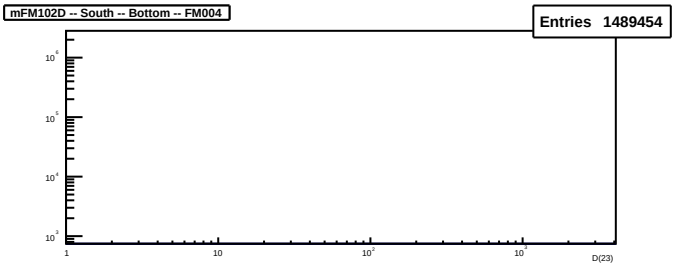

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

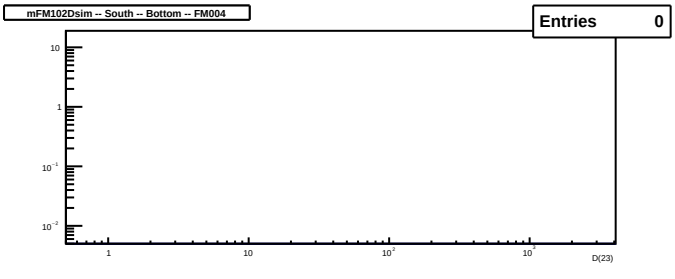

mFM102JP -- South -- Top -- FM003
Entries 2978908
JP-AB
JP-CD

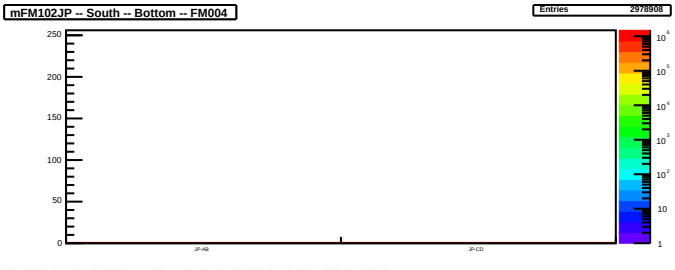
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

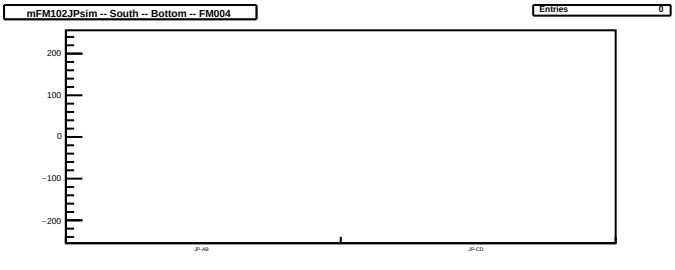

mFM102BS -- North -- Bottom -- FM004
Entries 5957816
1.489e+06
1.489e+06
1.489e+06
1.489e+06
BS3
BS2
BS1-BCD
BS1-A

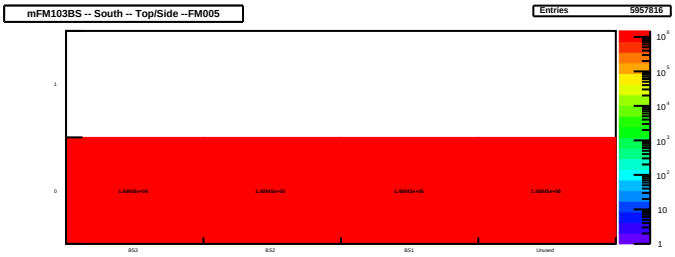
mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A

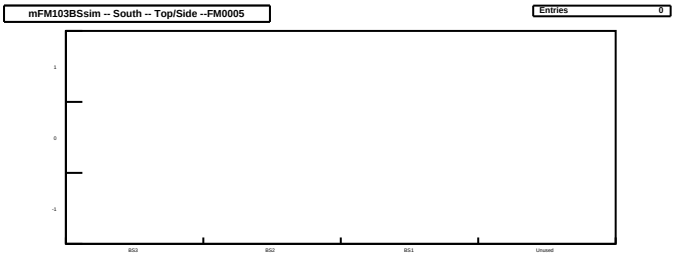

mFM102D -- South -- Bottom -- FM004
Entries 1489454
D(23)

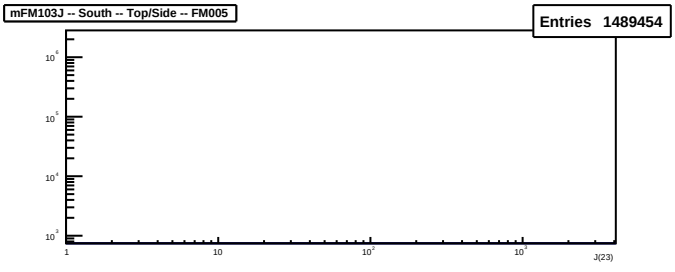

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

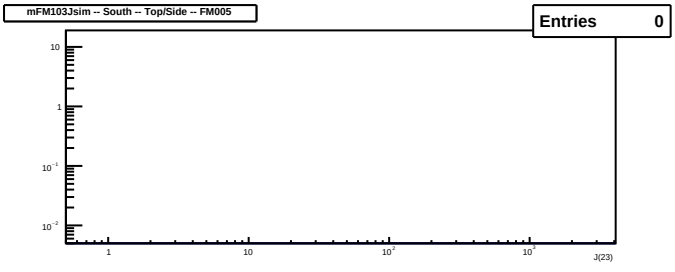

mFM102JP -- South -- Bottom -- FM004
Entries 2978908
JP-AB
JP-CD

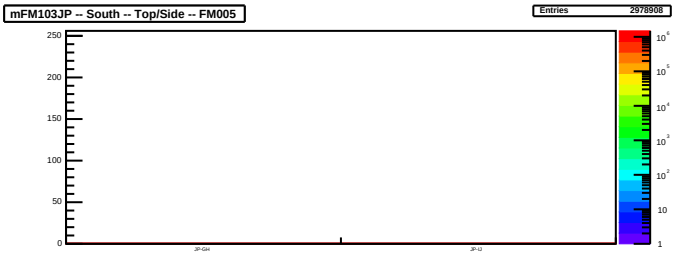

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

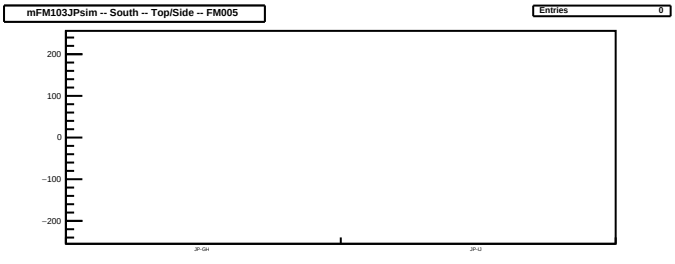

mFM103BS -- South -- Top/Side --FM005
Entries 5957816
1.489645e+06
1.489645e+06
1.489645e+06
1.489645e+06
BS3
BS2
BS1
Unused

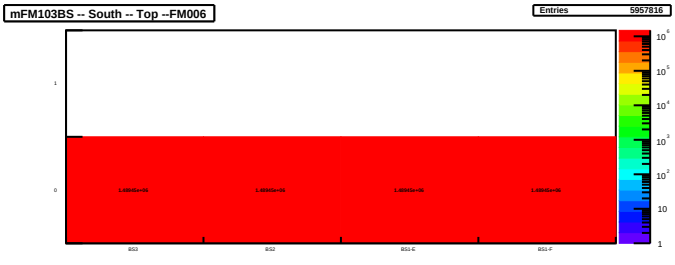

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

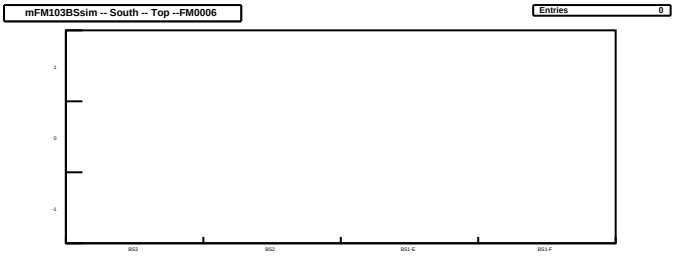

mFM103J -- South -- Top/Side -- FM005
Entries 1489454
J(23)

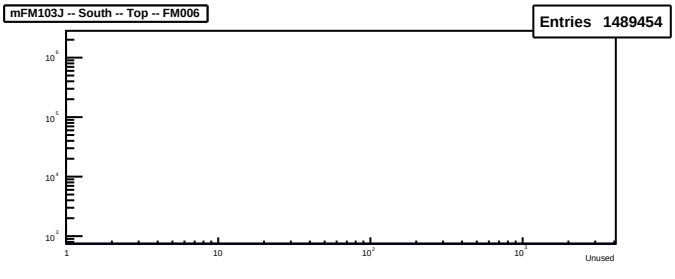

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

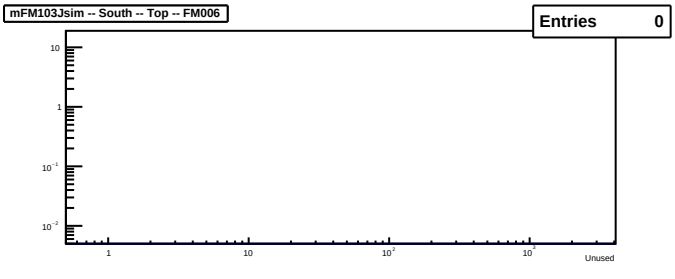

mFM103JP -- South -- Top/Side -- FM005
Entries 2978908
JP-GH
JP-IJ


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

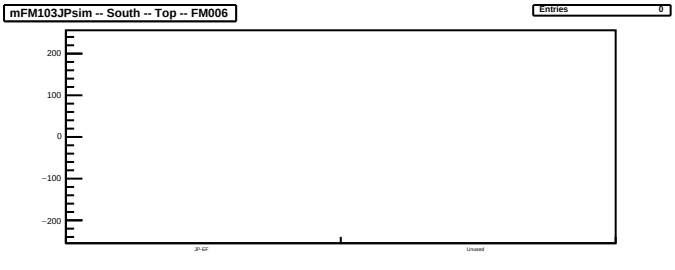

mFM103BS -- South -- Top --FM006
Entries 5957816
1.489645e+06
1.489645e+06
1.489645e+06
1.489645e+06
BS3
BS2
BS1-E
BS1-F

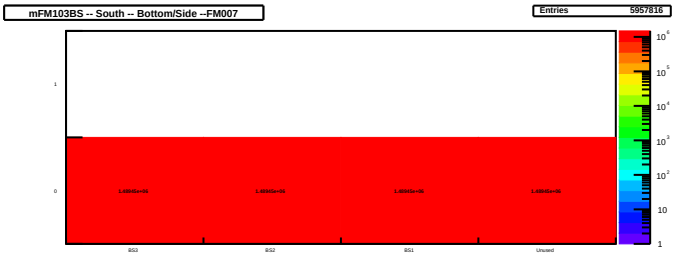

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

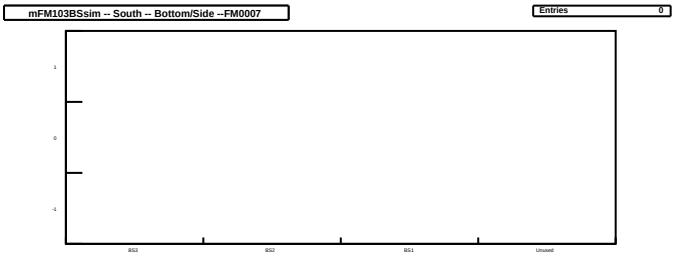

mFM103J -- South -- Top -- FM006
Entries 1489454
Unused

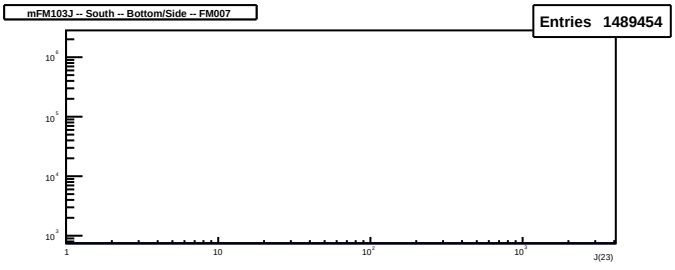

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

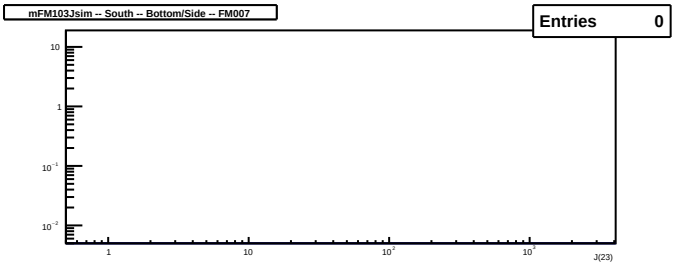
mFM103JP -- South -- Top -- FM006
Entries 2978908
JP-EF
Unused

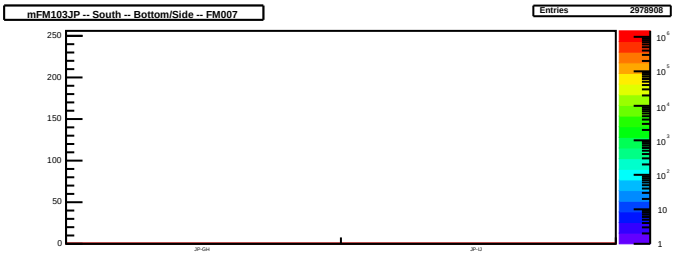

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

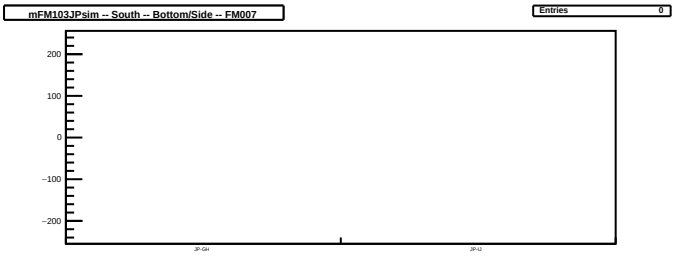

mFM103BS -- South -- Bottom/Side --FM007
Entries 5957816
1.489645e+06
1.489645e+06
1.489645e+06
1.489645e+06
BS3
BS2
BS1
Unused

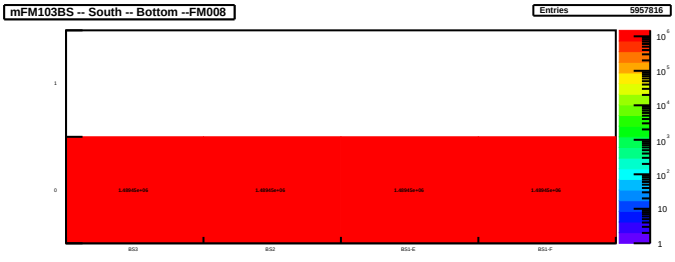

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

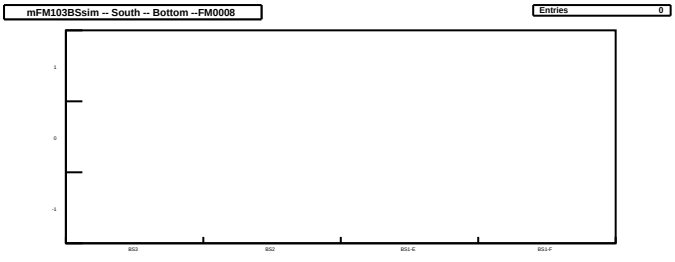

mFM103J -- South -- Bottom/Side -- FM007
Entries 1489454
J(23)

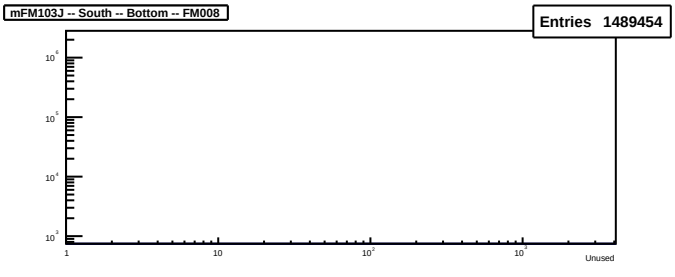

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

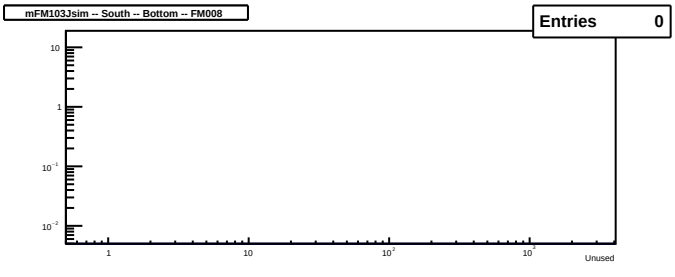

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2978908
JP-GH
JP-U


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

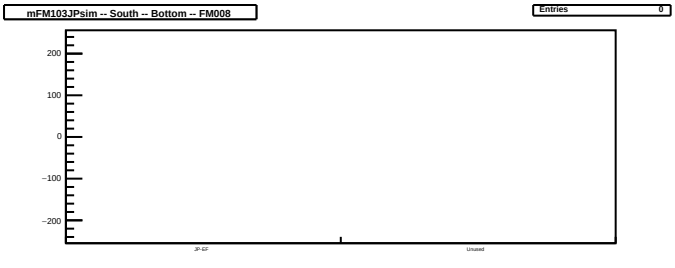

mFM103BS -- South -- Bottom --FM008
Entries 5957816
1.489645e+06
1.489645e+06
1.489645e+06
1.489645e+06
BS3
BS2
BS1-E
BS1-F

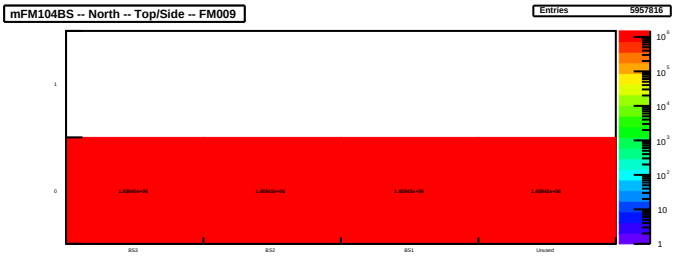

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

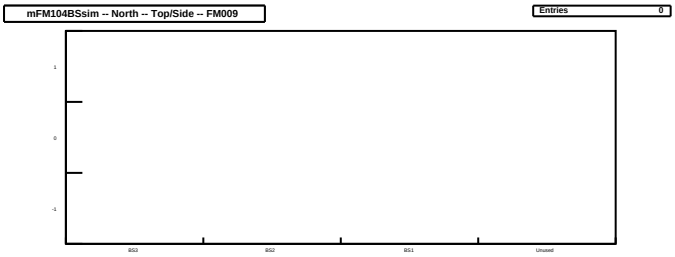

mFM103J -- South -- Bottom -- FM008
Entries 1489454
Unused

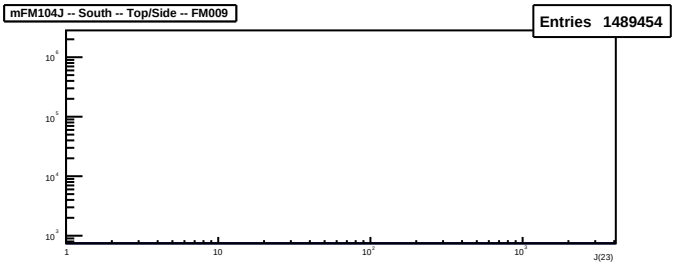

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

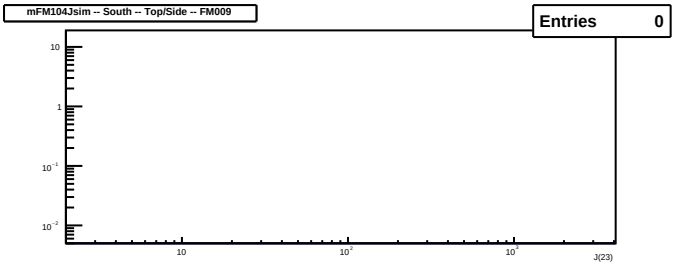
mFM103JP -- South -- Bottom -- FM008
Entries 2978908
JP-EF
Unused

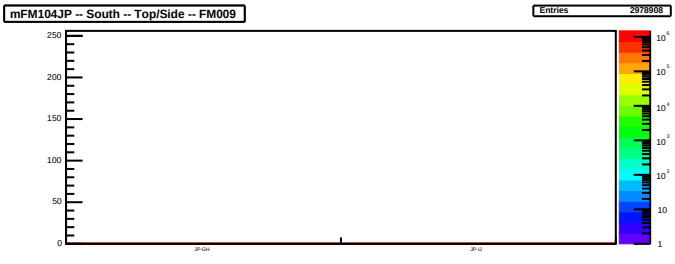

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

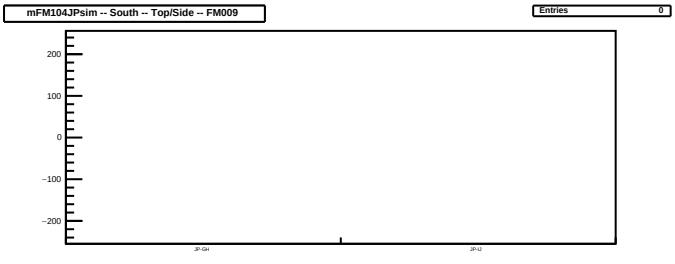

mFM104BS -- North -- Top/Side -- FM009
Entries 5957816
1.489645e+06
1.489645e+06
1.489645e+06
1.489645e+06
BS3
BS2
BS1
Unused

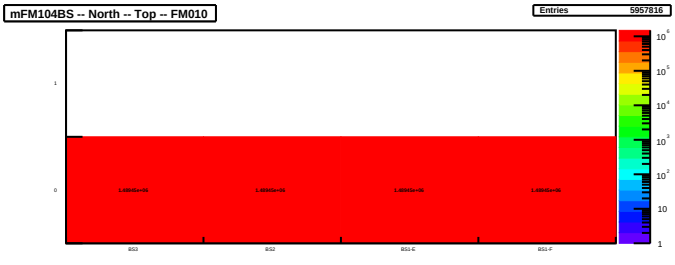

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

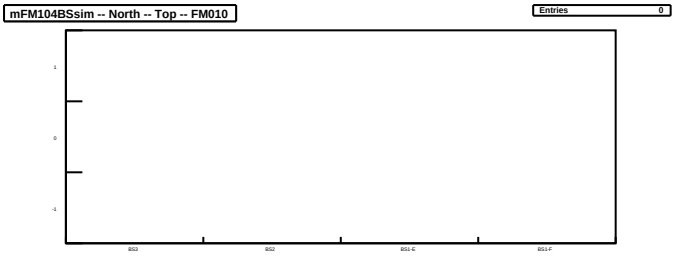

mFM104J -- South -- Top/Side -- FM009
Entries 1489454
J(23)

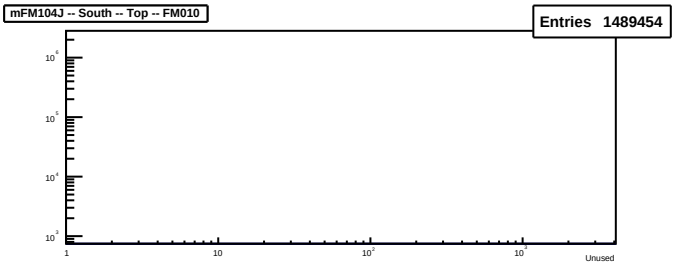

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

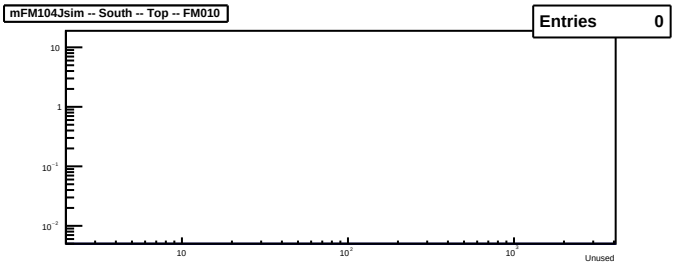

mFM104JP -- South -- Top/Side -- FM009
Entries 2978908
JP-GH
JP-IJ


mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ

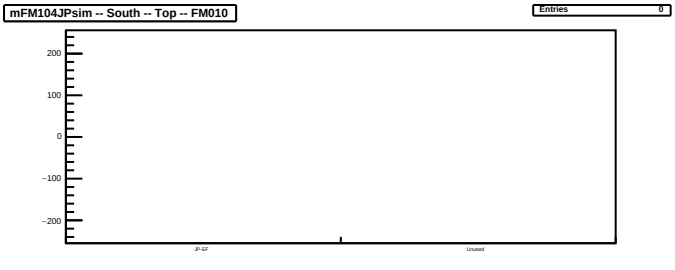

mFM104BS -- North -- Top -- FM010
Entries 5957816
1.489645e+06
1.489645e+06
1.489645e+06
1.489645e+06
BS3
BS2
BS1-E
BS1-F

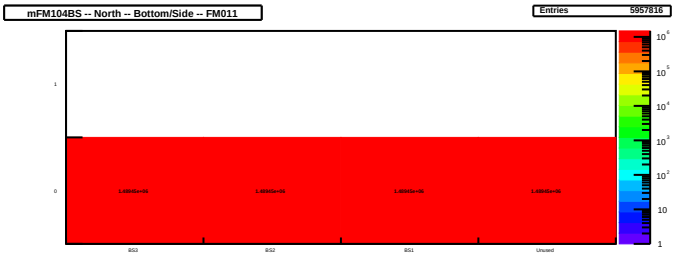

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

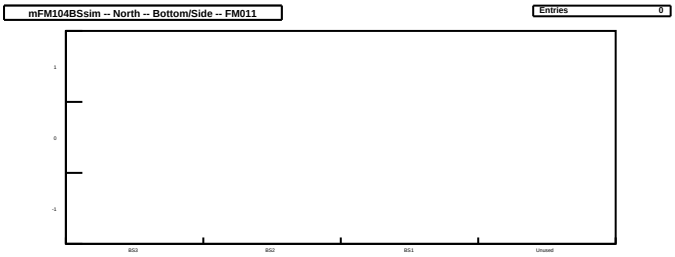

mFM104J -- South -- Top -- FM010
Entries 1489454
Unused

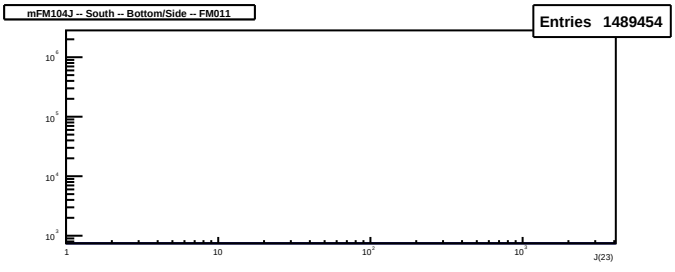

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

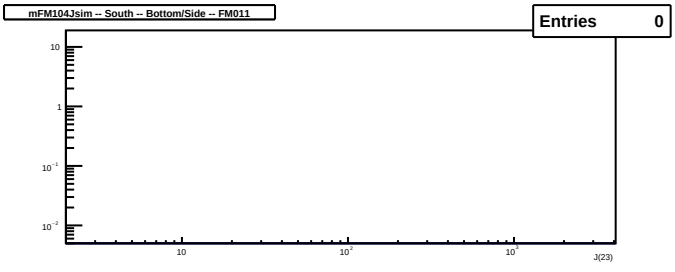
mFM104JP -- South -- Top -- FM010
Entries 2978908
JP-EF
Unused

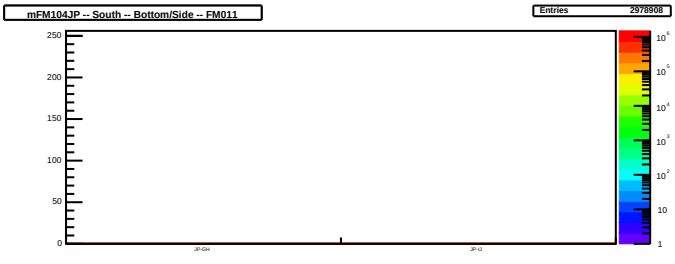

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

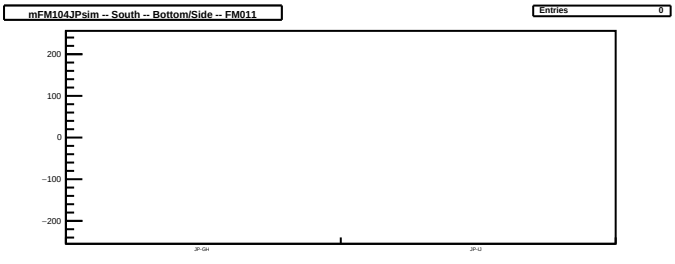

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5957816
1.489e+06
1.489e+06
1.489e+06
1.489e+06
BS3
BS2
BS1
Unused

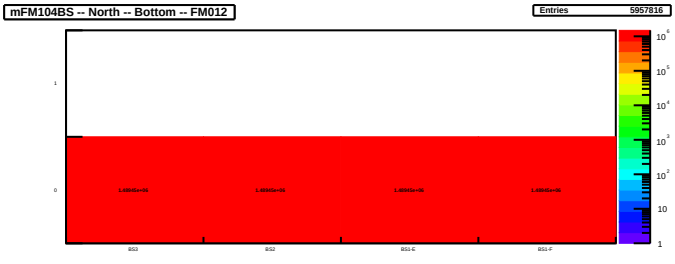

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

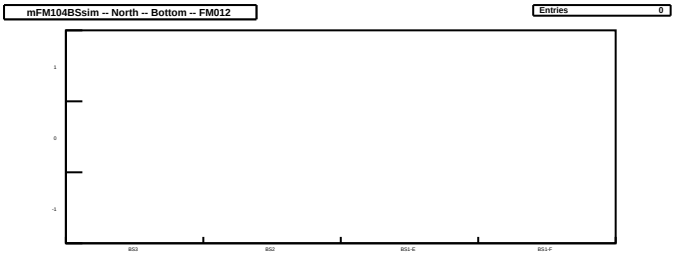

mFM104J -- South -- Bottom/Side -- FM011
Entries 1489454
J(23)

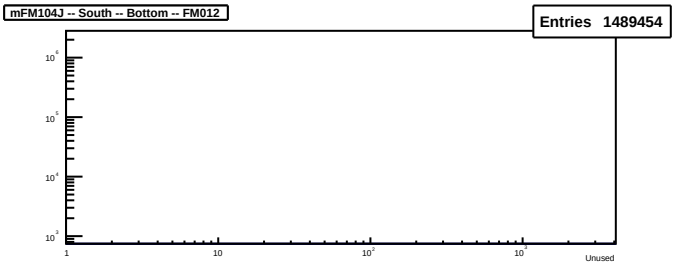

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

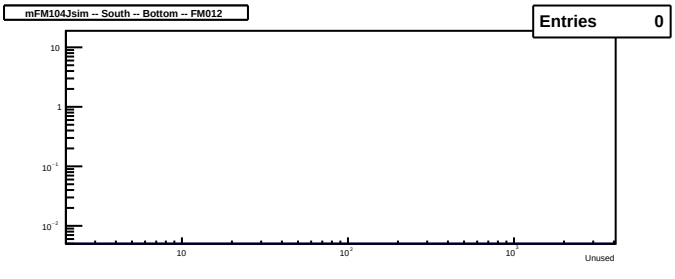

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2978908
JP-GH
JP-IJ


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

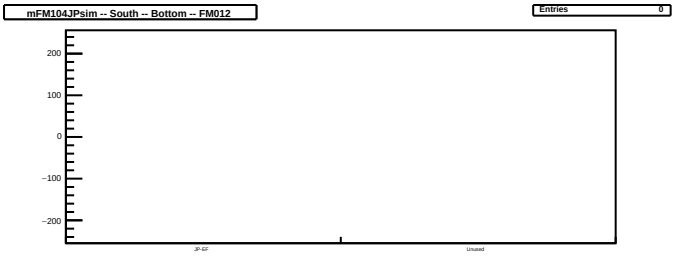

mFM104BS -- North -- Bottom -- FM012
Entries 5957816
1.489e+06
1.489e+06
1.489e+06
1.489e+06
BS3
BS2
BS1-E
BS1-F

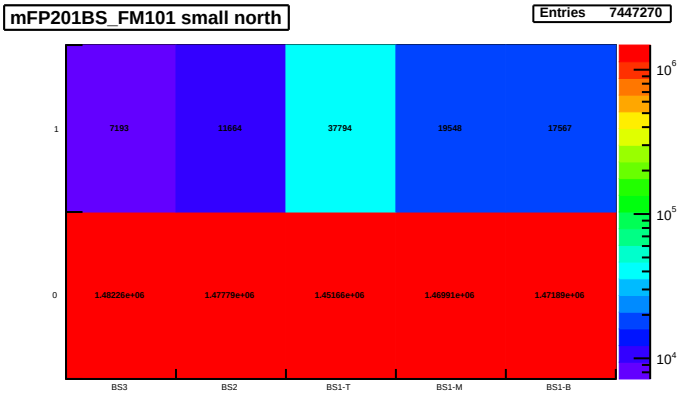

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

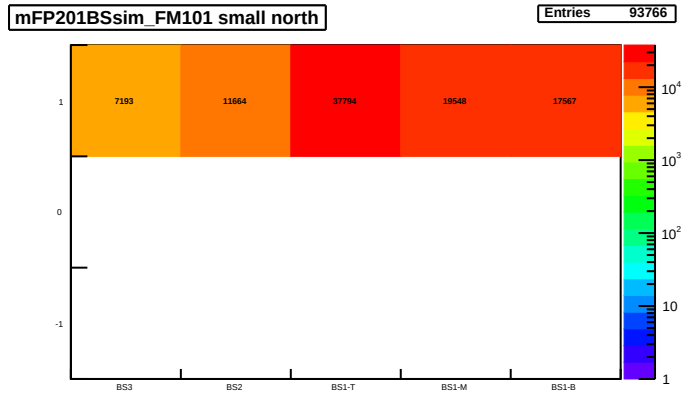

mFM104J -- South -- Bottom -- FM012
Entries 1489454
Unused

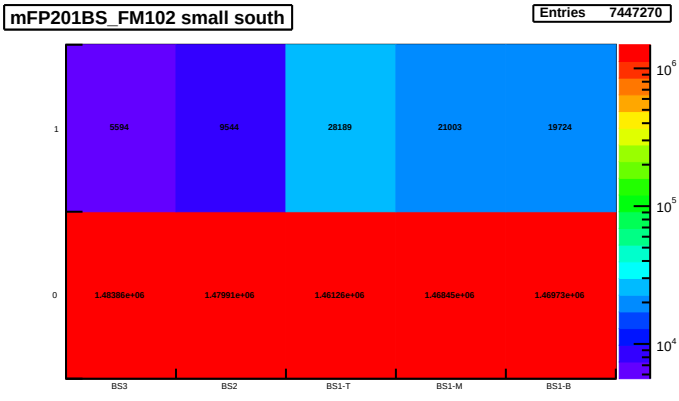

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

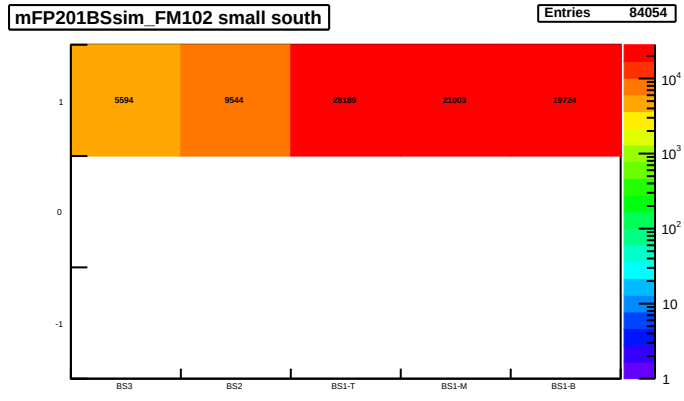
mFM104JP -- South -- Bottom -- FM012
Entries 2978908
JP-EF
Unused

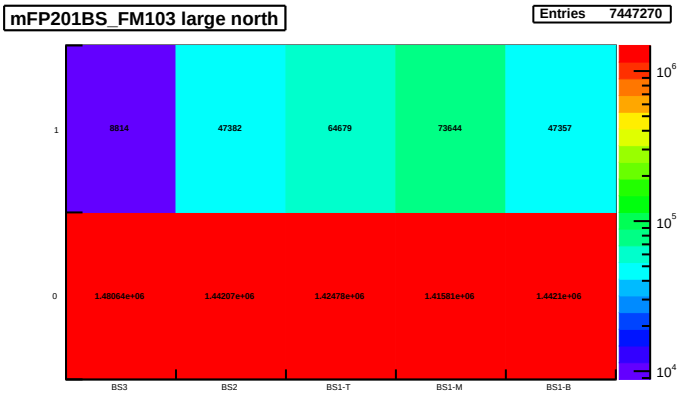

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

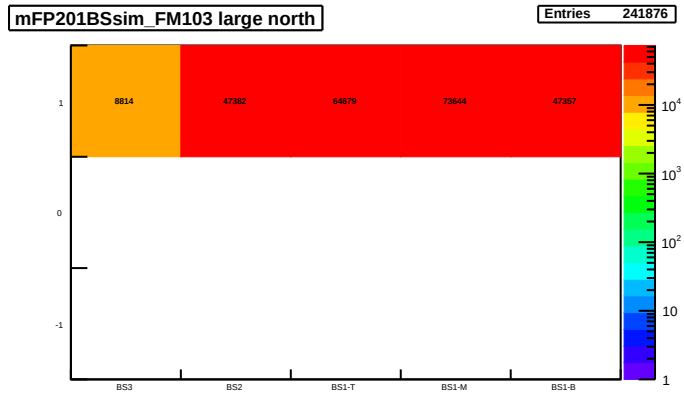

mFP201BS_FM101 small north
Entries 7447270
7193
11664
37794
19548
17567
1.48226e+06
1.47779e+06
1.45166e+06
1.46991e+06
1.47189e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

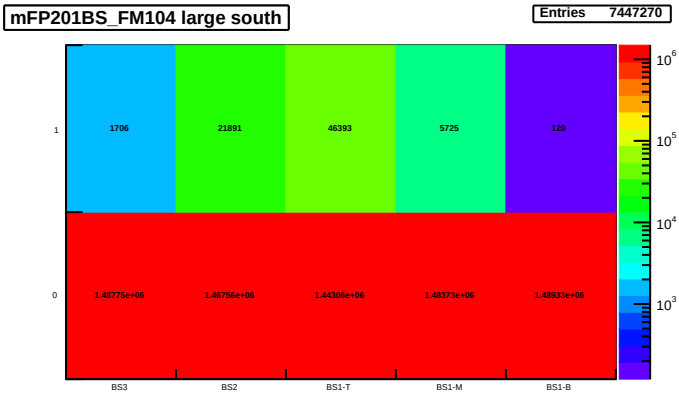

mFP201BSsim_FM101 small north
Entries 93766
7193
11664
37794
19548
17567
BS3
BS2
BS1-T
BS1-M
BS1-B

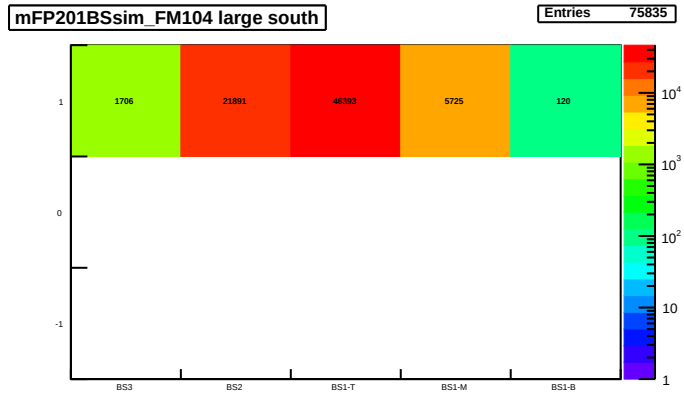

mFP201BS_FM102 small south
Entries 7447270
5594
9544
28189
21003
19724
1.48386e+06
1.47991e+06
1.46126e+06
1.46845e+06
1.46973e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

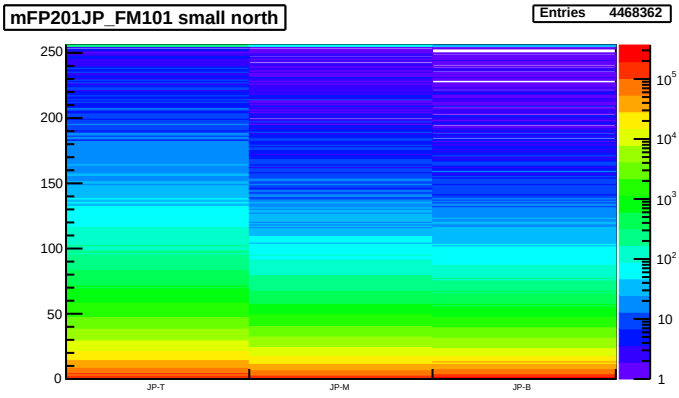

mFP201BSsim_FM102 small south
Entries 84054
5594
9544
28189
21003
19724
BS3
BS2
BS1-T
BS1-M
BS1-B

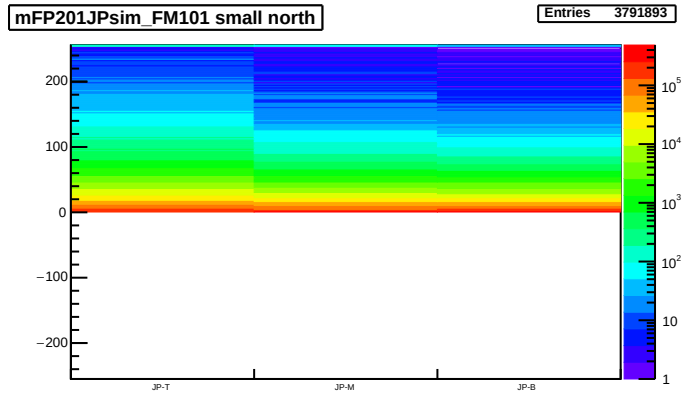

mFP201BS_FM103 large north
Entries 7447270
8814
47382
64679
73644
47357
1.48064e+06
1.44207e+06
1.42478e+06
1.41581e+06
1.4421e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

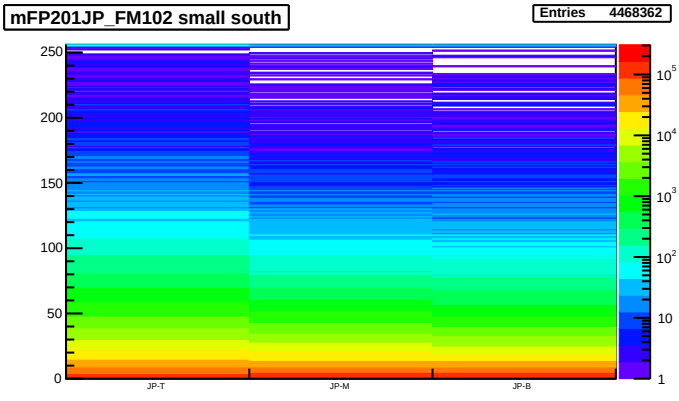

mFP201BSsim_FM103 large north
Entries 241876
8814
47382
64679
73644
47357
BS3
BS2
BS1-T
BS1-M
BS1-B

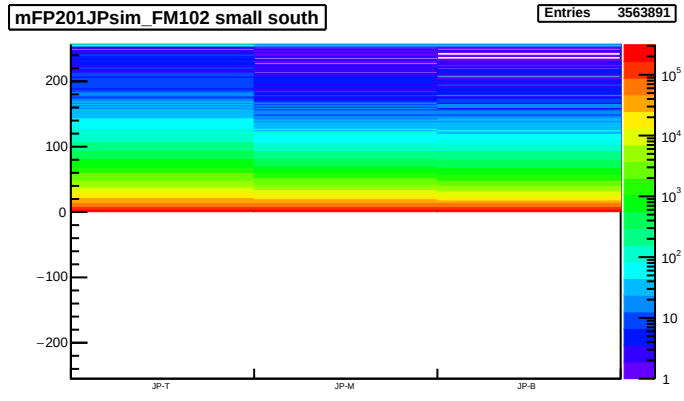

mFP201BS_FM104 large south
Entries 7447270
1706
21891
46393
5725
120
1.48775e+06
1.46756e+06
1.44306e+06
1.48373e+06
1.48933e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

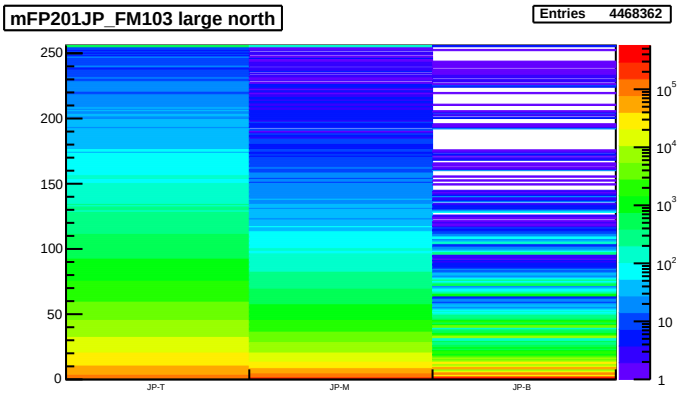

mFP201BSsim_FM104 large south
Entries 75835
1706
21891
46393
5725
120
BS3
BS2
BS1-T
BS1-M
BS1-B

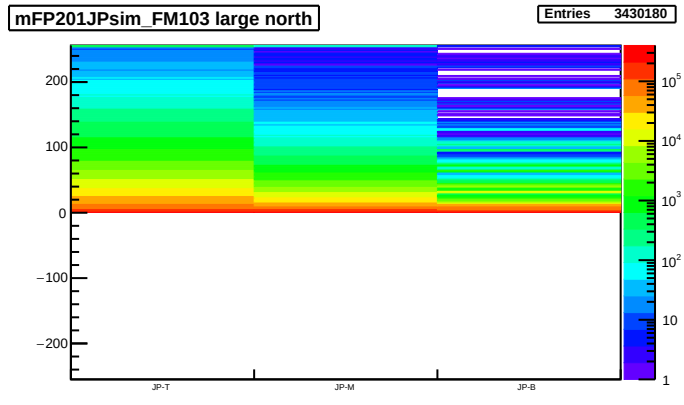

mFP201JP_FM101 small north
Entries 4468362
JP-T
JP-M
JP-B

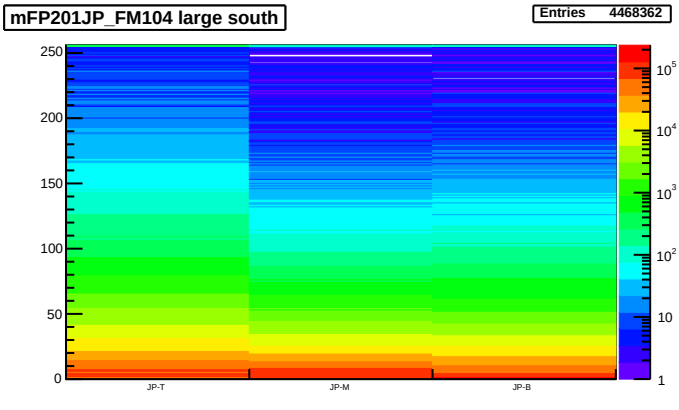

mFP201JPsim_FM101 small north
Entries 3791893
JP-T
JP-M
JP-B

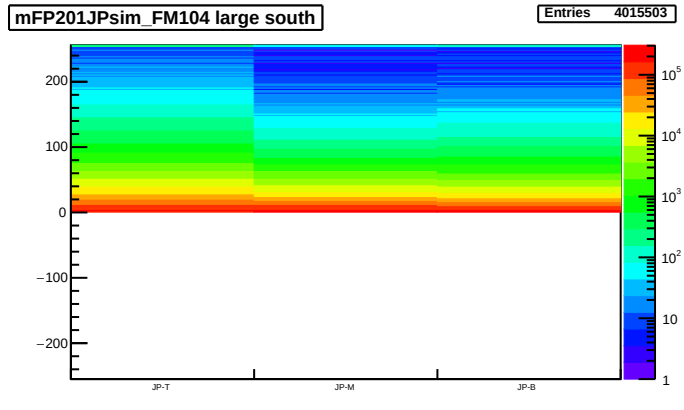

mFP201JP_FM102 small south
Entries 4468362
JP-T
JP-M
JP-B

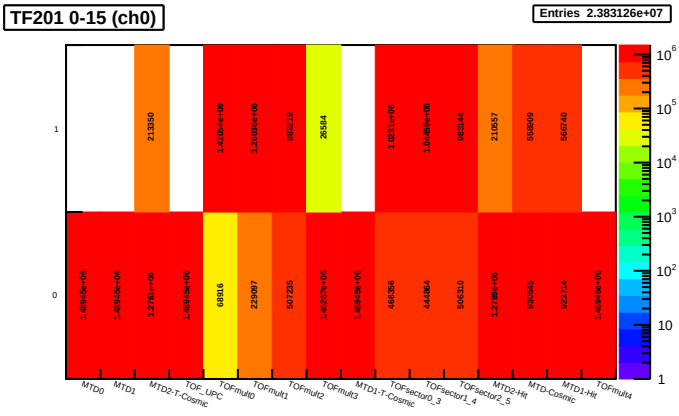

mFP201JPsim_FM102 small south
Entries 3563891
JP-T
JP-M
JP-B

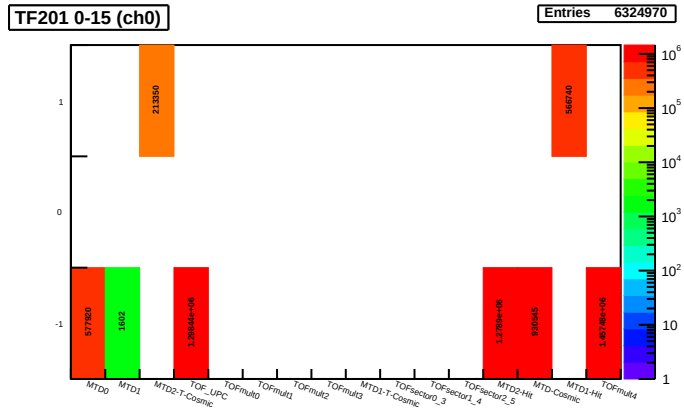

mFP201JP_FM103 large north
Entries 4468362
JP-T
JP-M
JP-B

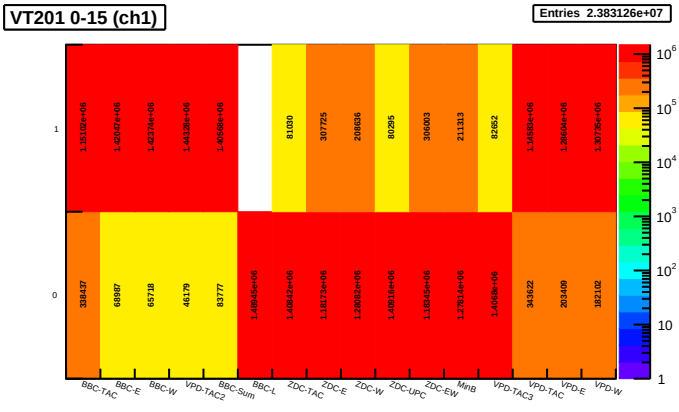

mFP201JPsim_FM103 large north
Entries 3430180
JP-T
JP-M
JP-B

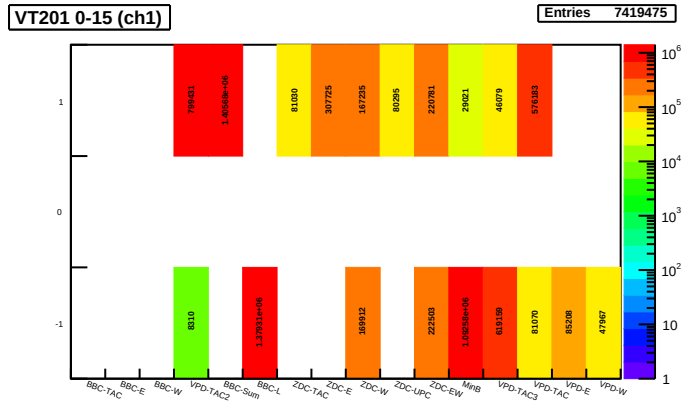

mFP201JP_FM104 large south
Entries 4468362
JP-T
JP-M
JP-B

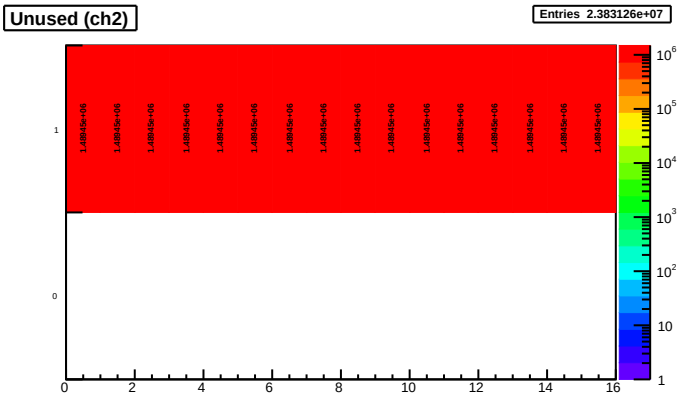

mFP201JPsim_FM104 large south
Entries 4015503
JP-T
JP-M
JP-B

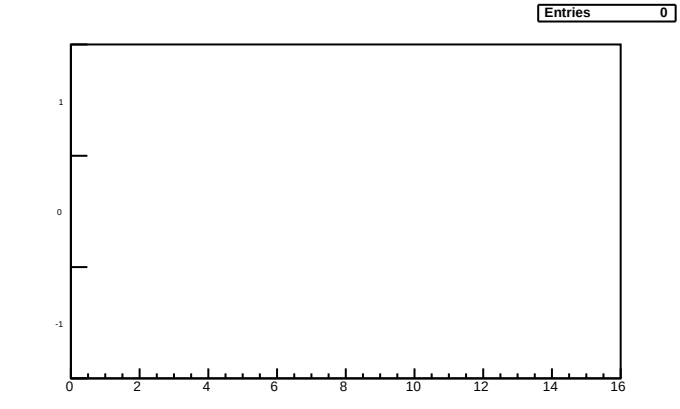

TF201 0-15 (ch0)
Entries 2.383126e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

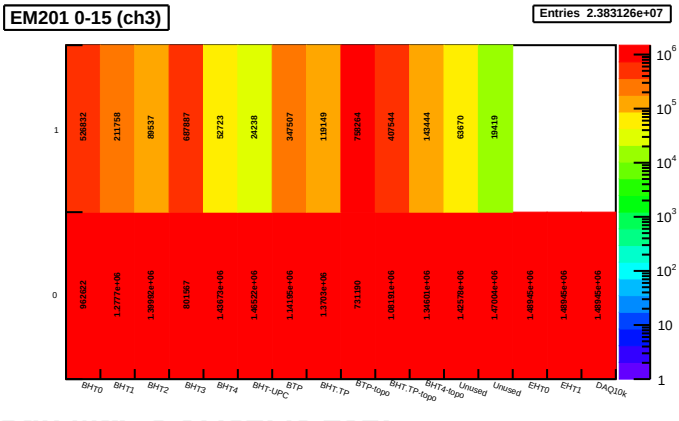

TF201 0-15 (ch0)
Entries 6324970
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

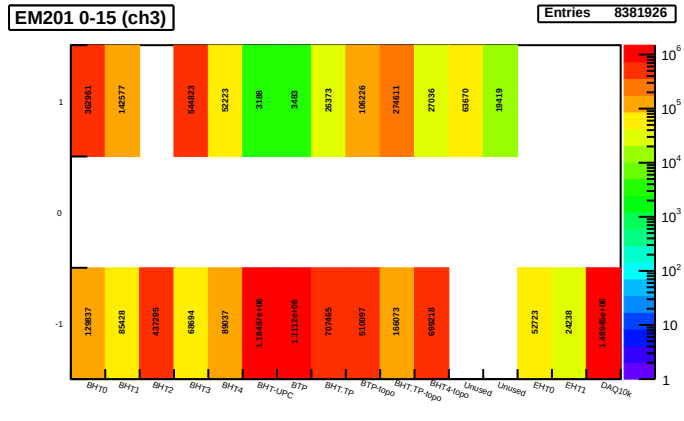

VT201 0-15 (ch1)
Entries 2.383126e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

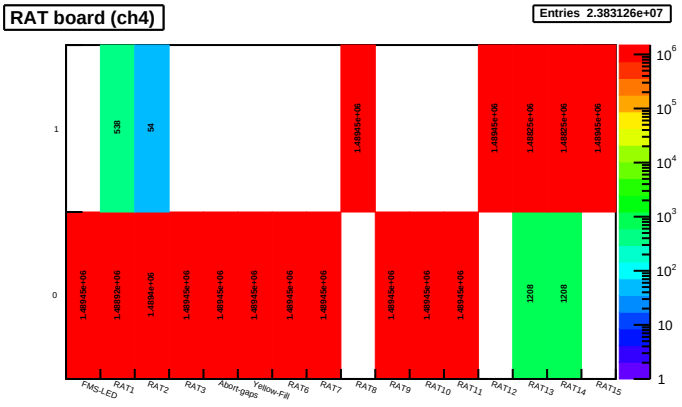

VT201 0-15 (ch1)
Entries 7419475
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

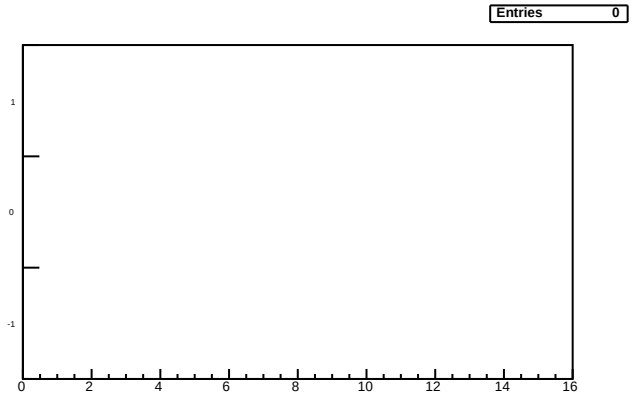

Unused (ch2)
Entries 2.383126e+07


Entries 0


EM201 0-15 (ch3)
Entries 2.383126e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


EM201 0-15 (ch3)
Entries 8381926
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 2.383126e+07
538
54
1.48945e+06
1.48892e+06
1.48946e+06
1208
1208
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15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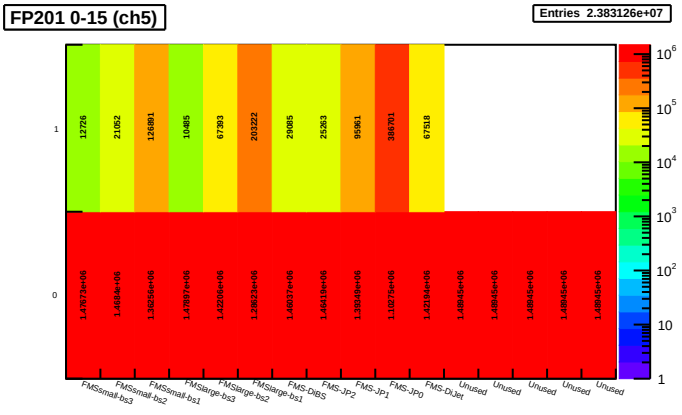
FP201 0-15 (ch5)
Entries 2.383126e+07
12726
21052
126981
10485
67393
203222
29085
25263
95961
306701
67518
1.47973e+06
1.46846e+06
1.36256e+06
1.47897e+06
1.42206e+06
1.28623e+06
1.46937e+06
1.46919e+06
1.39349e+06
1.10275e+06
1.42194e+06
1.48945e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
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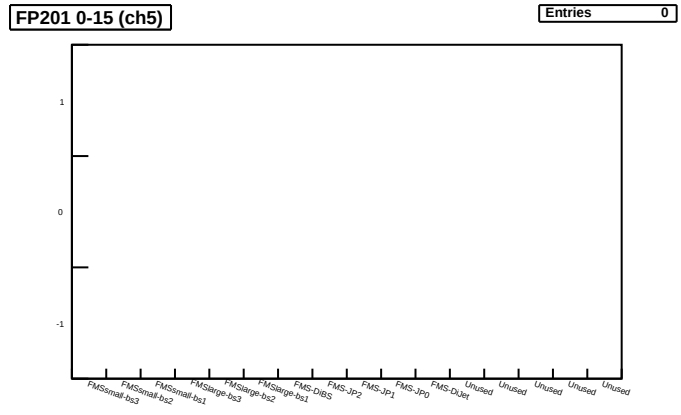
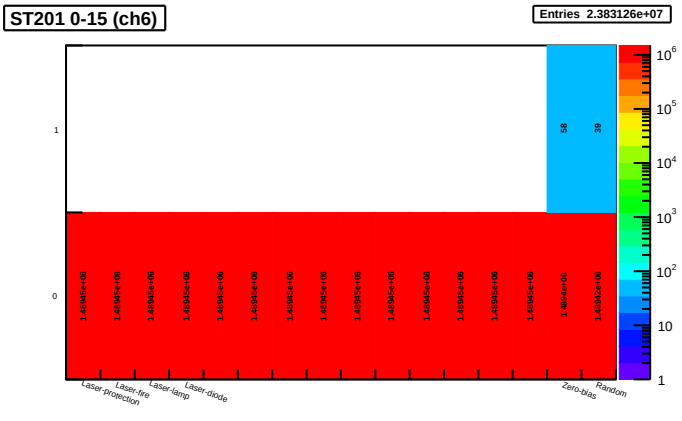
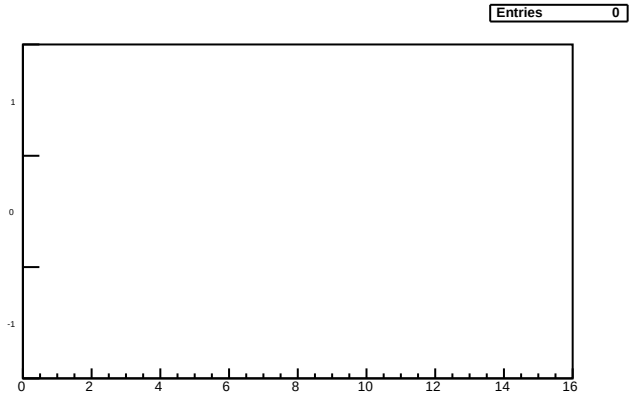
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 2.383126e+07
58
39
1.48945e+06
1.4894e+06
1.48942e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random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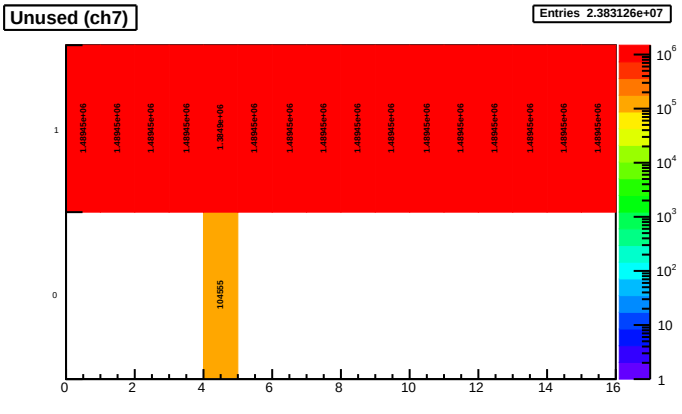
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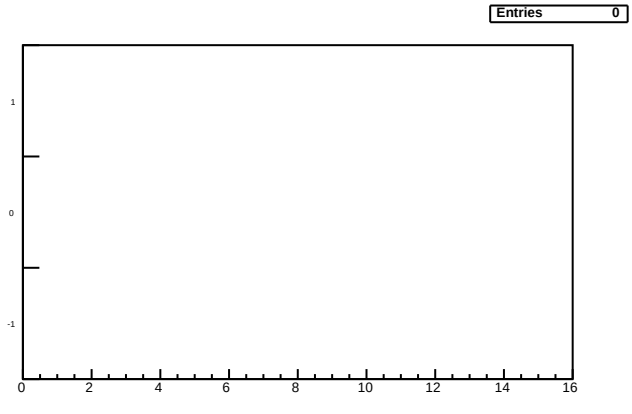
1.48945e+06
1.3849e+06
104855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