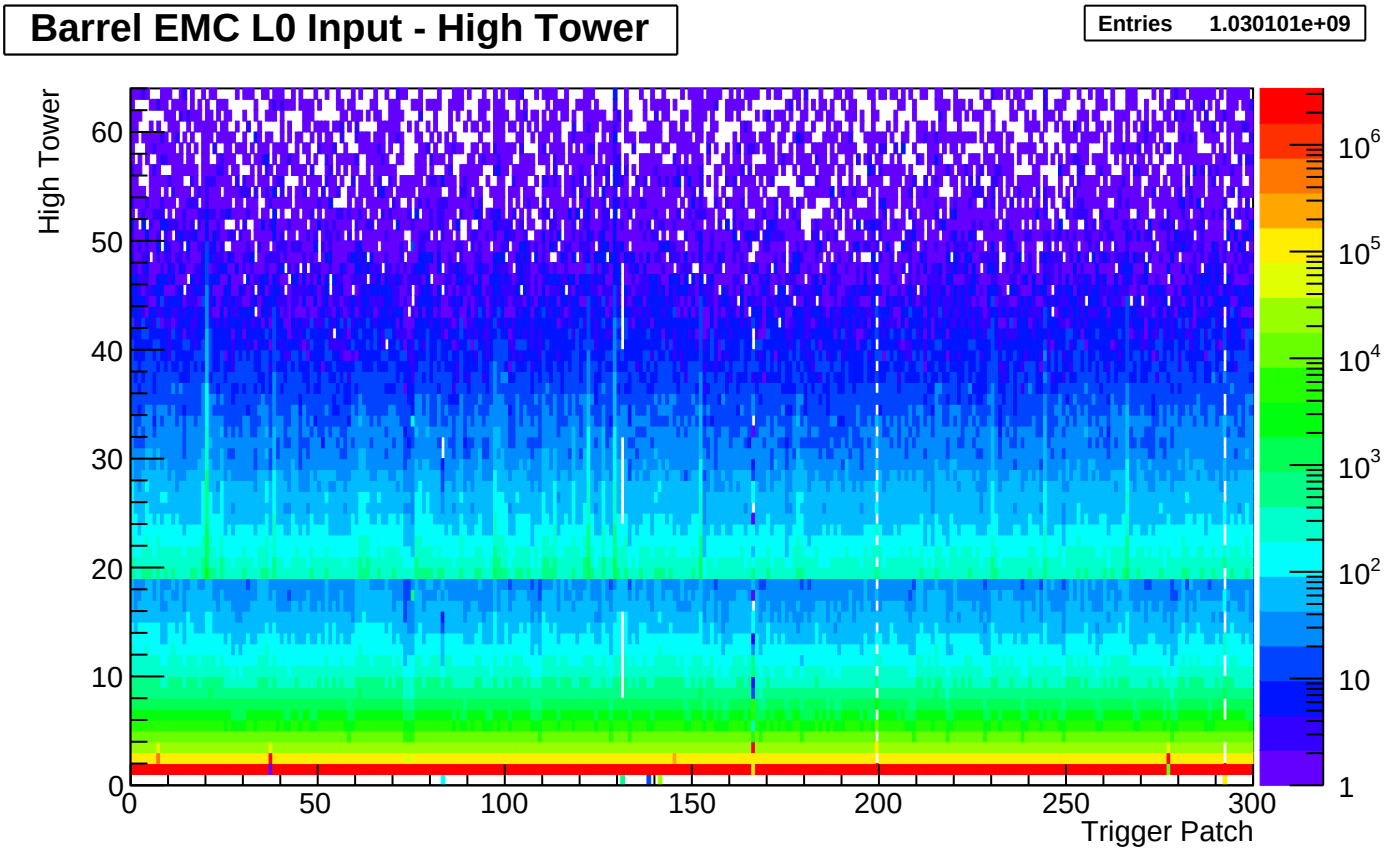
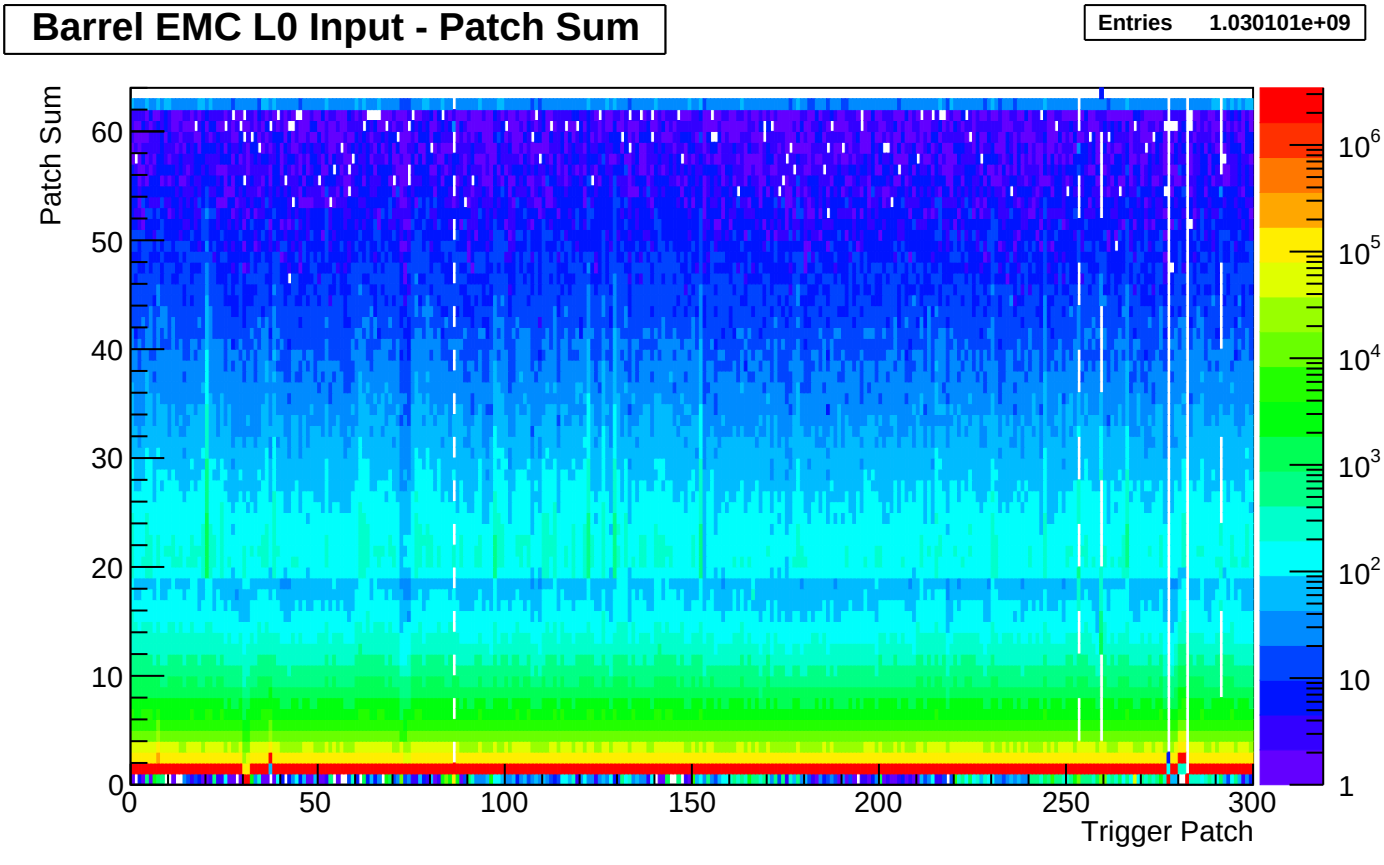
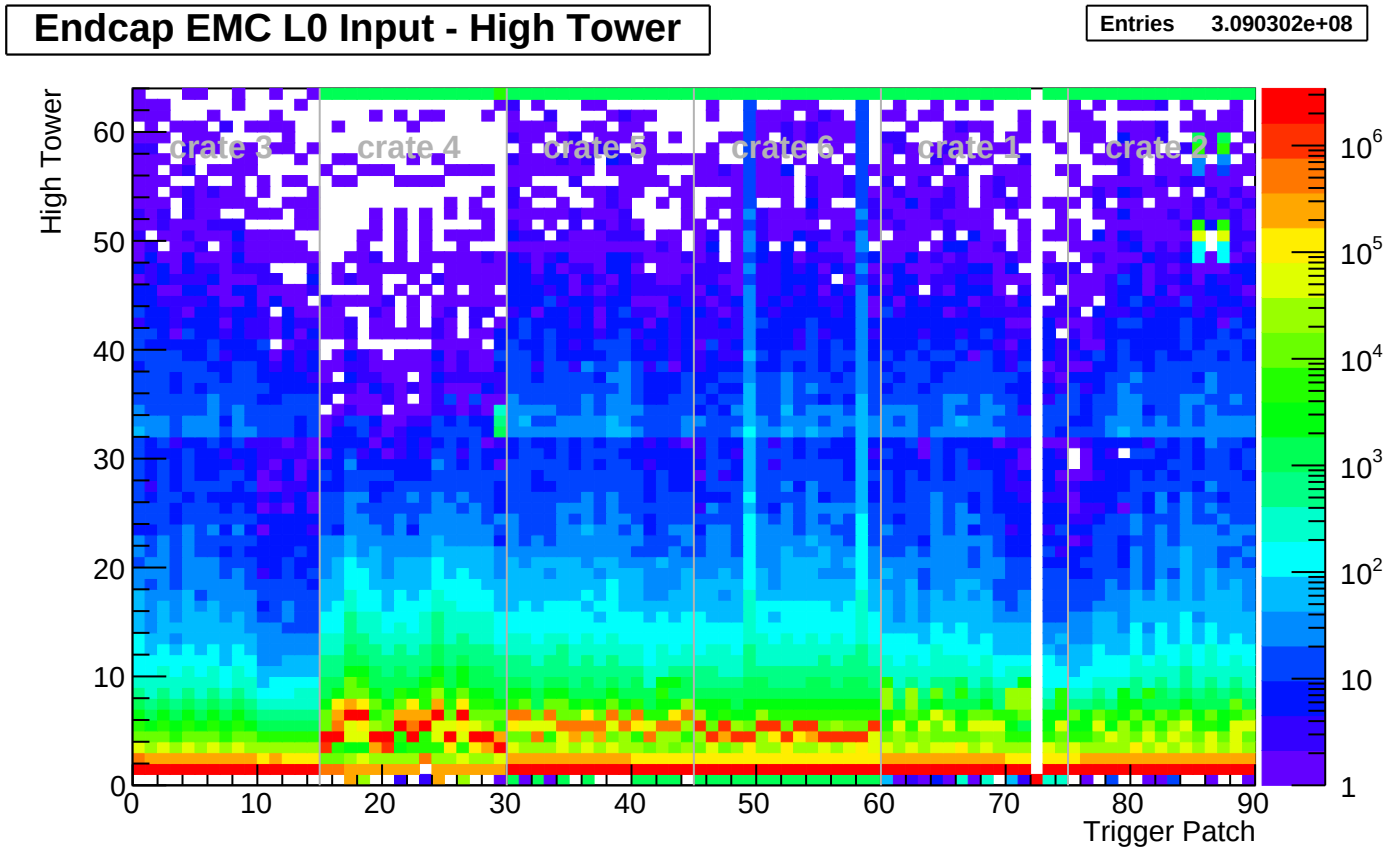
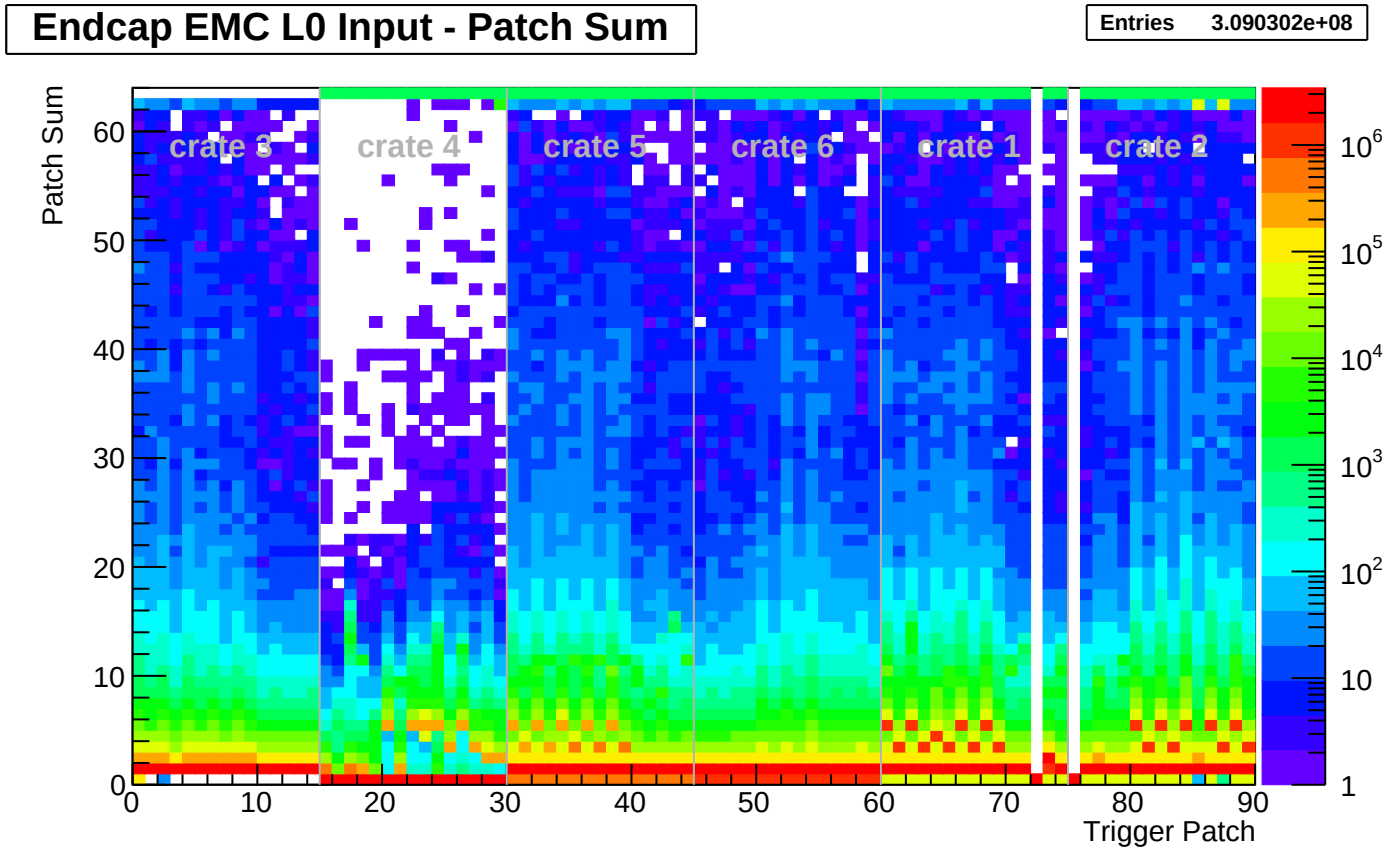
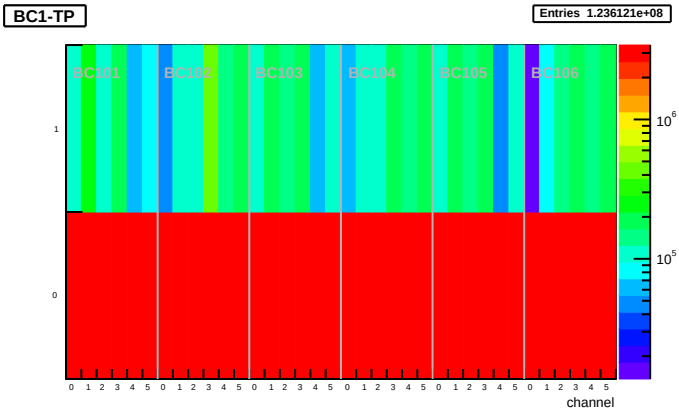
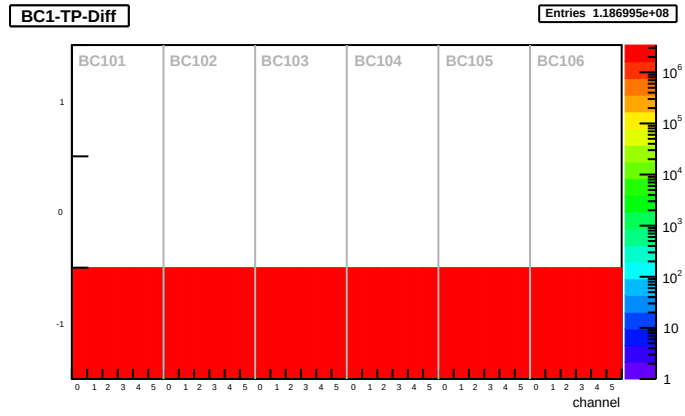

Barrel EMC L0 Input - High Tower
Entries 1.030101e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

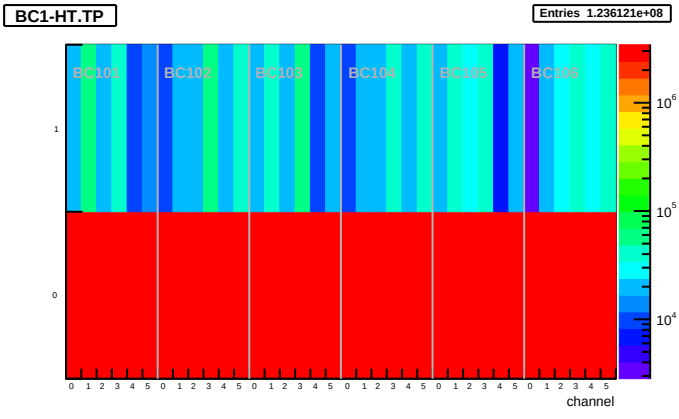

Barrel EMC L0 Input - Patch Sum
Entries 1.030101e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

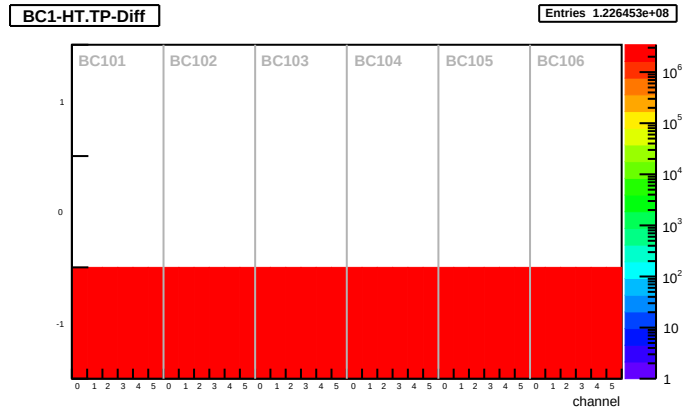

Endcap EMC L0 Input - High Tower
Entries 3.090302e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

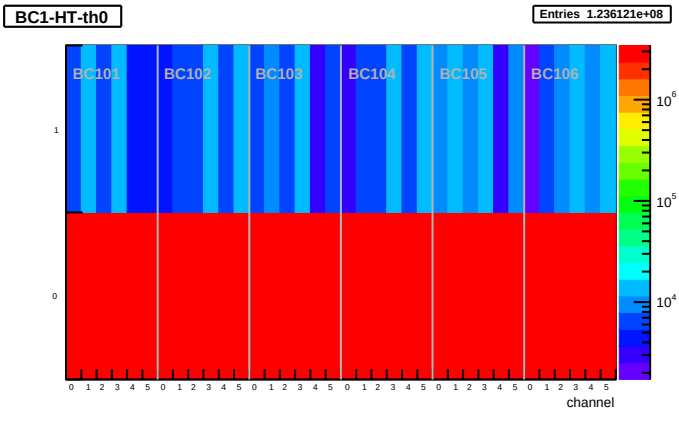

Endcap EMC L0 Input - Patch Sum
Entries 3.090302e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

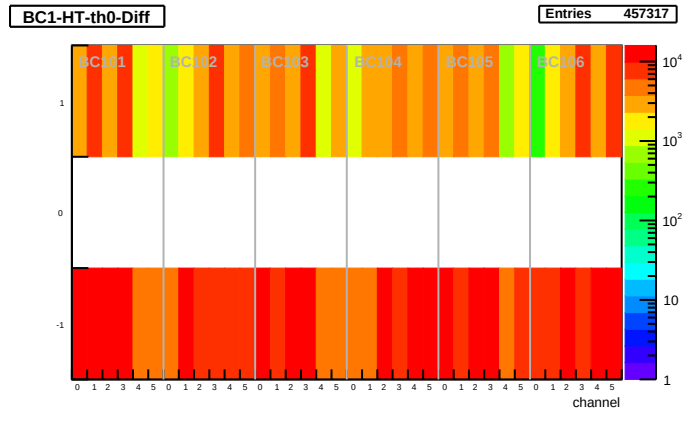

BC1-TP
Entries 1.236121e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

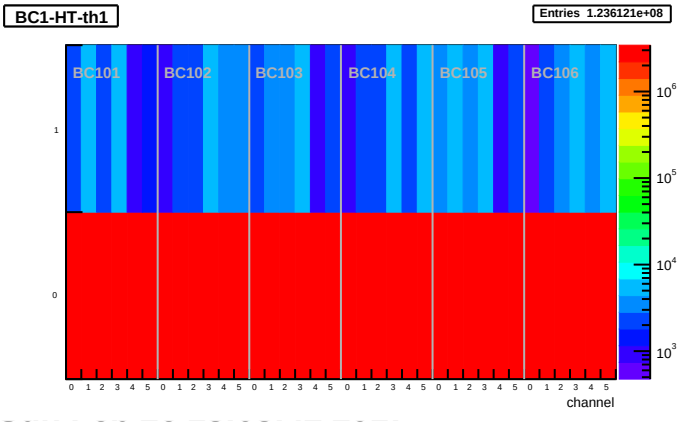

BC1-TP-Diff
Entries 1.186995e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

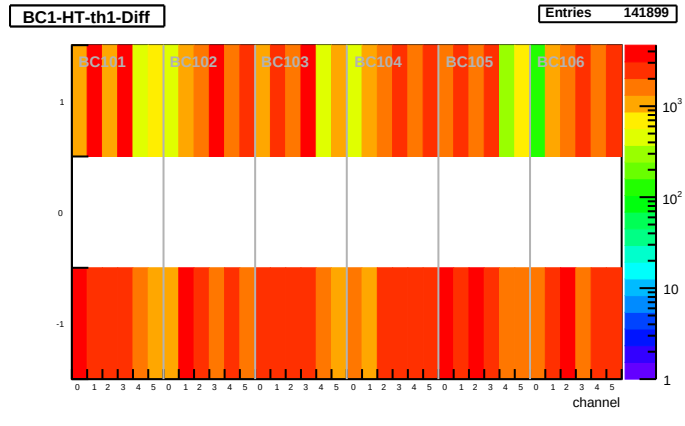

BC1-HT.TP
Entries 1.236121e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 1.226453e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0
Entries 1.236121e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

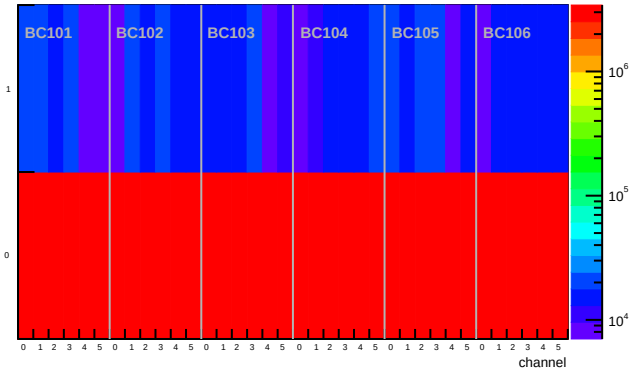

BC1-HT-th0-Diff
Entries 457317
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1
Entries 1.236121e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 141899
BC101
BC102
BC103
BC104
BC105
BC106
channel

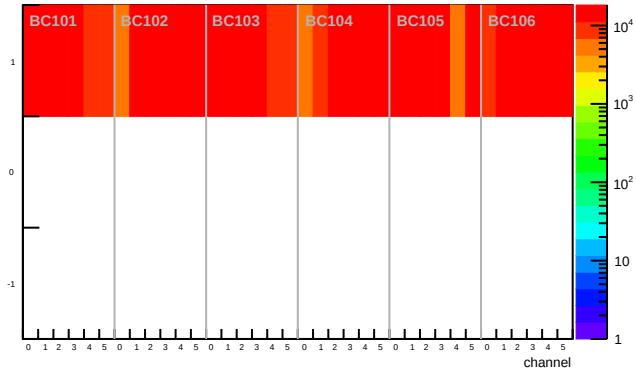
BC1-HT-th2

Entries 1.236121e+08



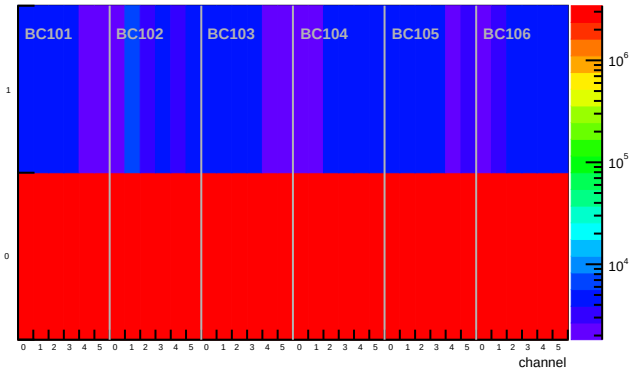
BC1-HT-th2-Diff

Entries 470358



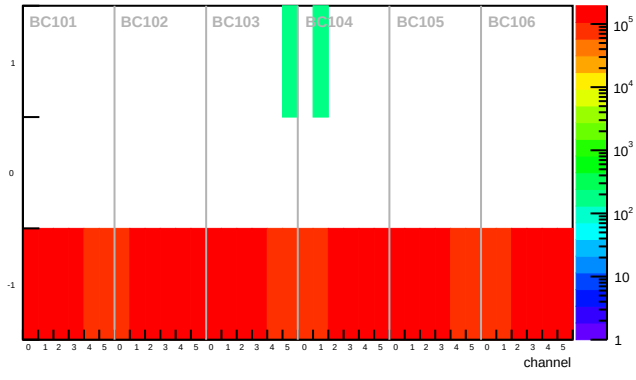
BC1-HT-th3

Entries 1.236121e+08



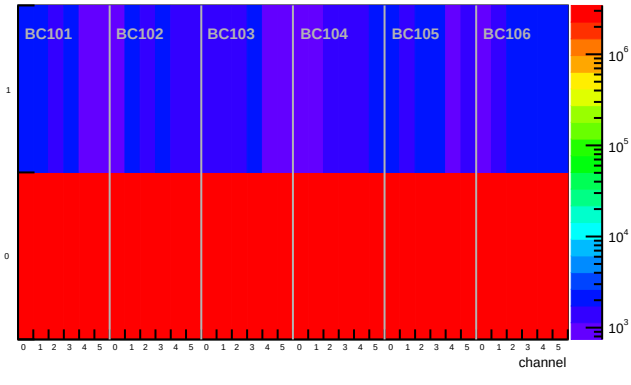
BC1-HT-th3-Diff

Entries 5351678



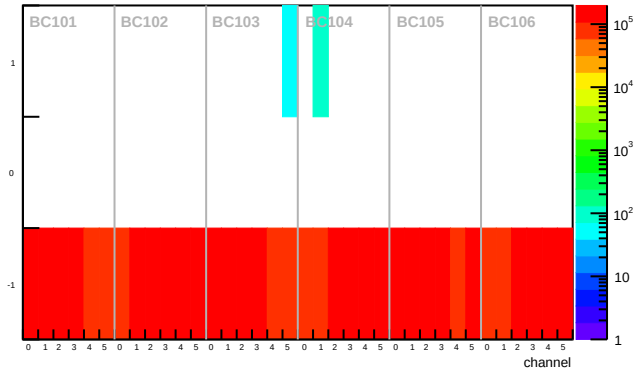
BC1-HT-th4

Entries 1.236121e+08



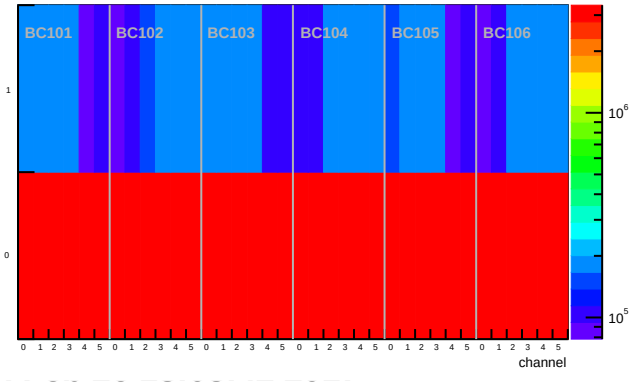
BC1-HT-th4-Diff

Entries 5433852



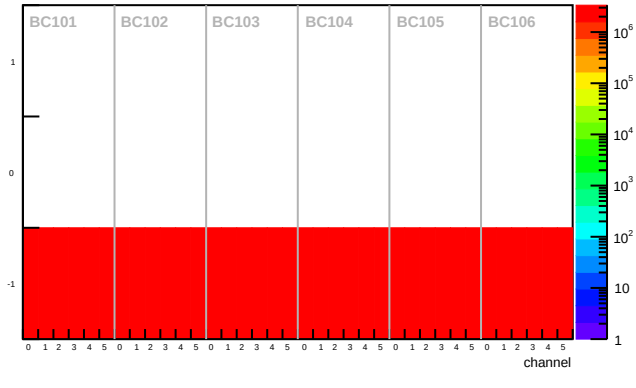
BC1-HT-UPC

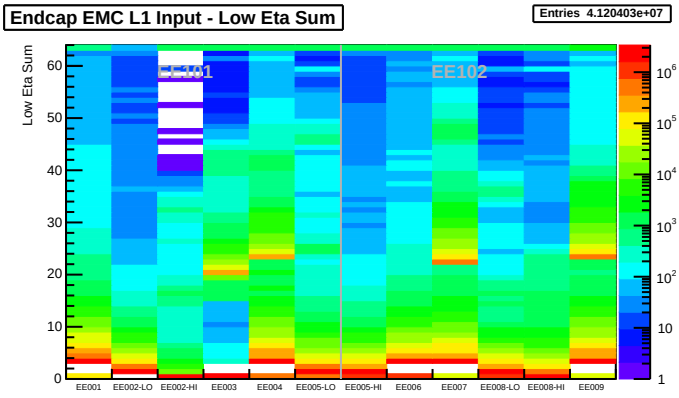
Entries 1.236121e+08

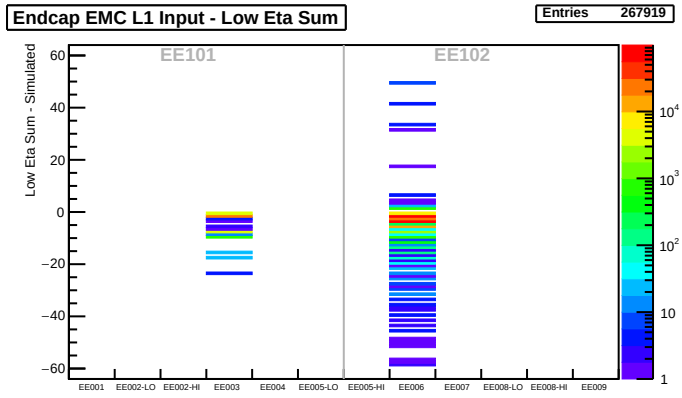


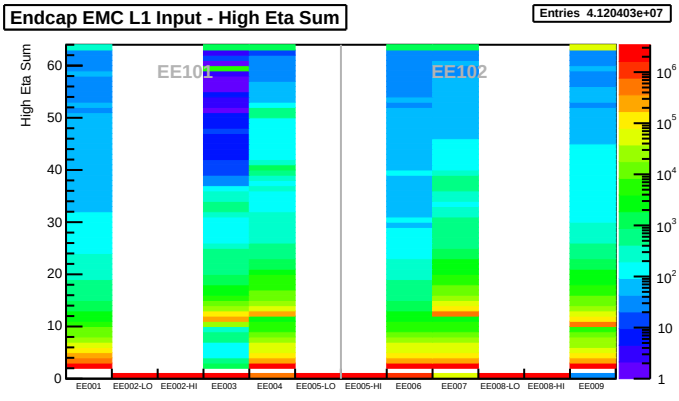
BC1-HT-UPC-Diff

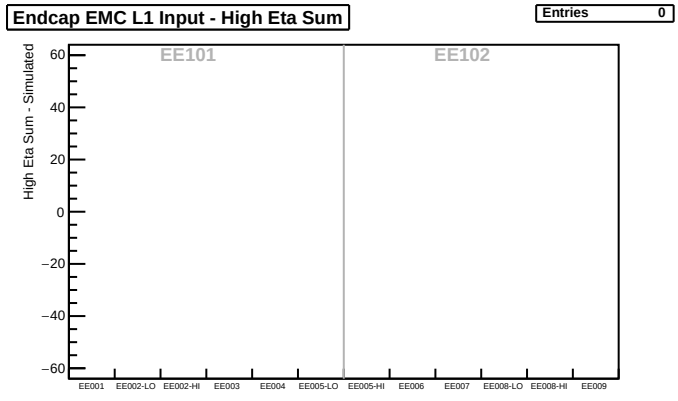
Entries 1.181711e+08

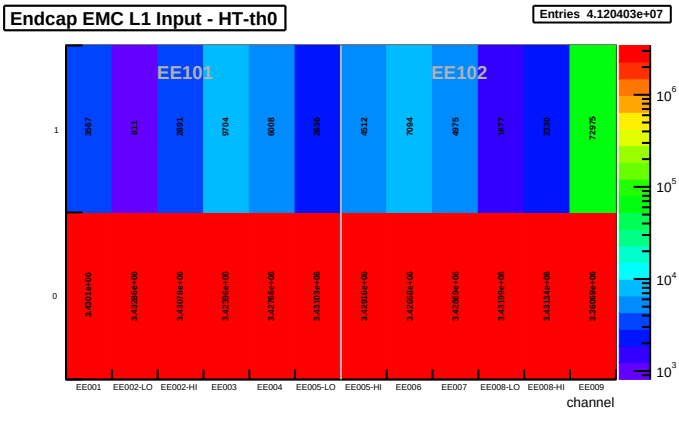


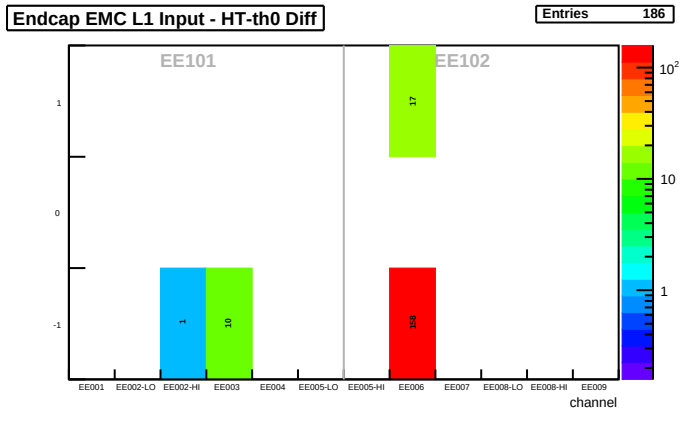

Endcap EMC L1 Input - Low Eta Sum
Entries 4.120403e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

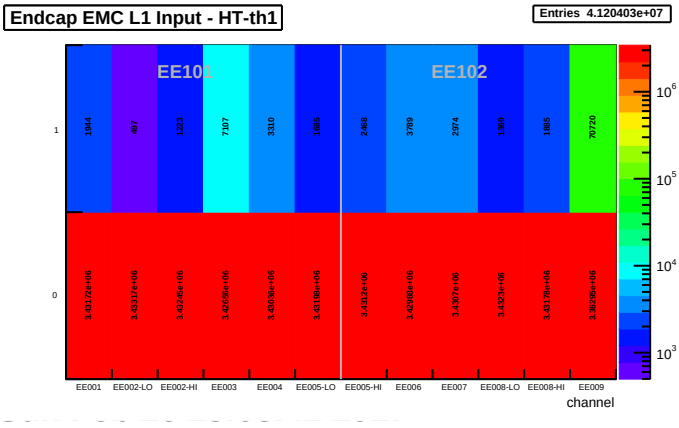

Endcap EMC L1 Input - Low Eta Sum
Entries 267919
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

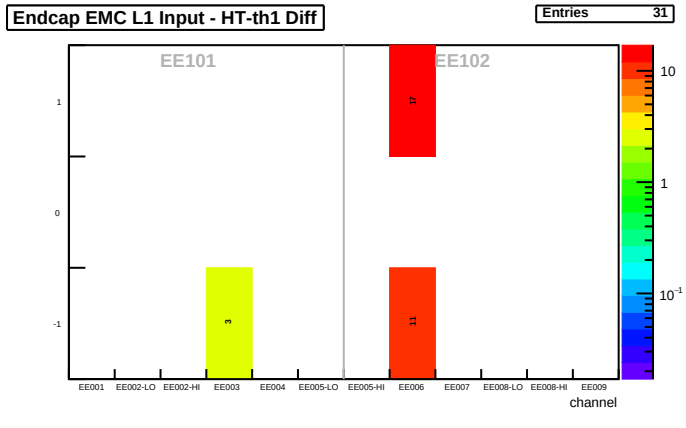

Endcap EMC L1 Input - High Eta Sum
Entries 4.120403e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

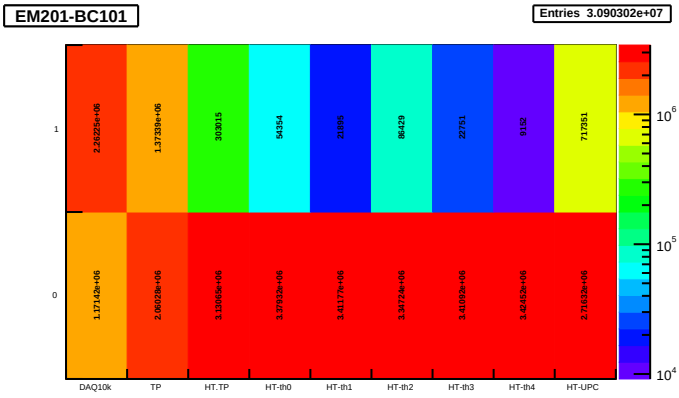

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

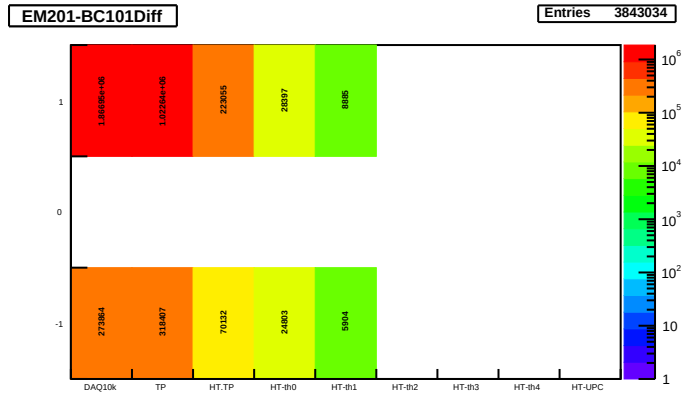

Endcap EMC L1 Input - HT-th0
Entries 4.120403e+07
EE101
EE102
channel

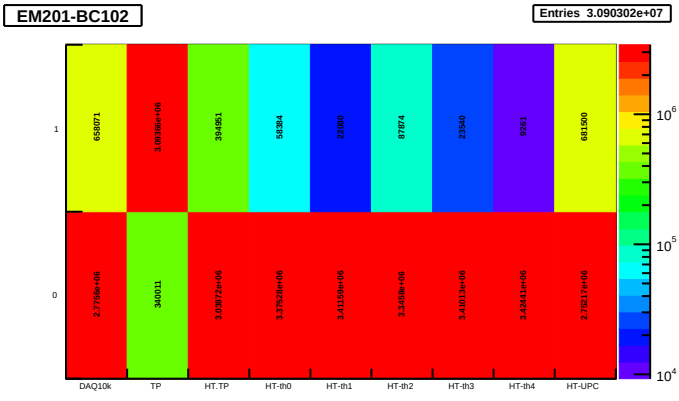

Endcap EMC L1 Input - HT-th0 Diff
Entries 186
EE101
EE102
channel

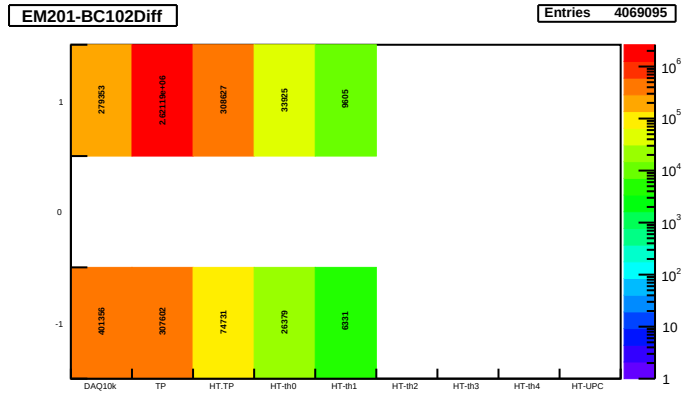

Endcap EMC L1 Input - HT-th1
Entries 4.120403e+07
EE101
EE102
channel

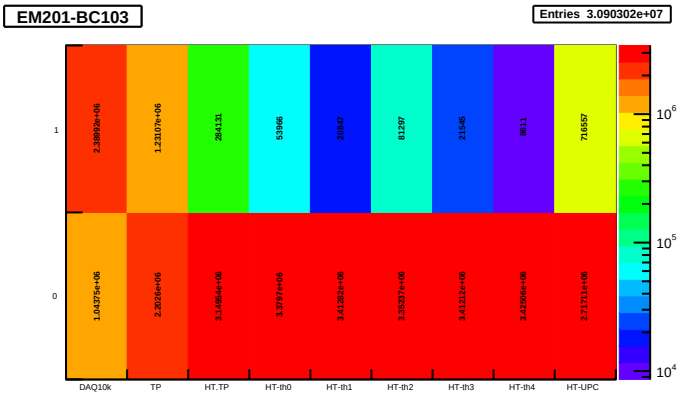

Endcap EMC L1 Input - HT-th1 Diff
Entries 31
EE101
EE102
channel

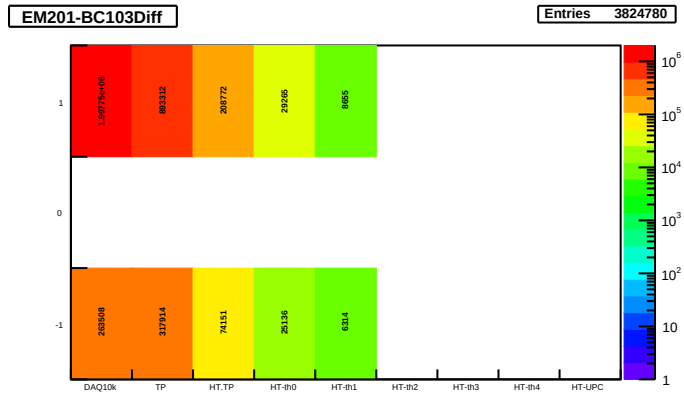

EM201-BC101
Entries 3.090302e+07
1
0
2.26225e+06
1.37339e+06
303115
54354
21595
86429
22751
9132
717551
1.17142e+06
2.06028e+06
3.13065e+06
3.37932e+06
3.41176e+06
3.39724e+06
3.41092e+06
3.42452e+06
2.73632e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4

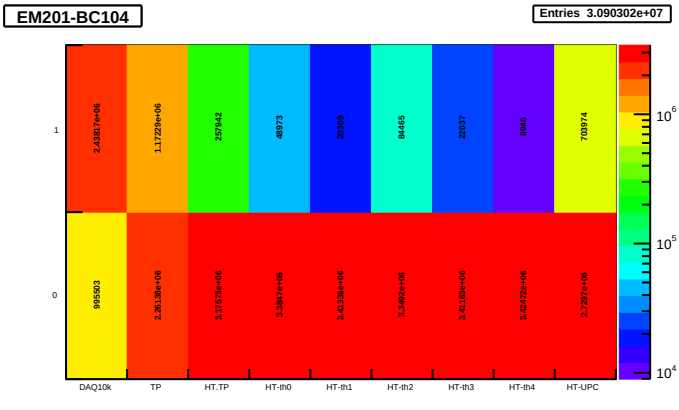

EM201-BC101Diff
Entries 3843034
1
0
-1
1.86699e+06
1.02264e+06
223855
28397
8885
273864
319407
70122
24803
5904
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

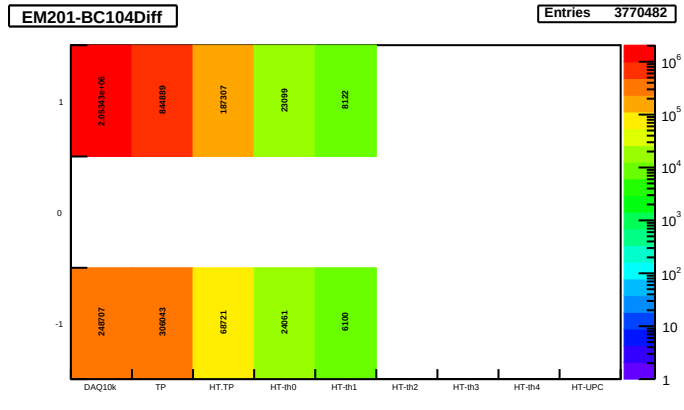

EM201-BC102
Entries 3.090302e+07
1
0
658071
3.09366e+06
394951
58384
22880
87874
23540
9251
681500
2.77586e+06
340011
3.03972e+06
3.37528e+06
3.41159e+06
3.34538e+06
3.41013e+06
3.42411e+06
2.75217e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4


EM201-BC102Diff
Entries 4069095
1
0
-1
279353
2.62119e+06
308627
33925
9605
401356
307602
74721
26379
6331
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

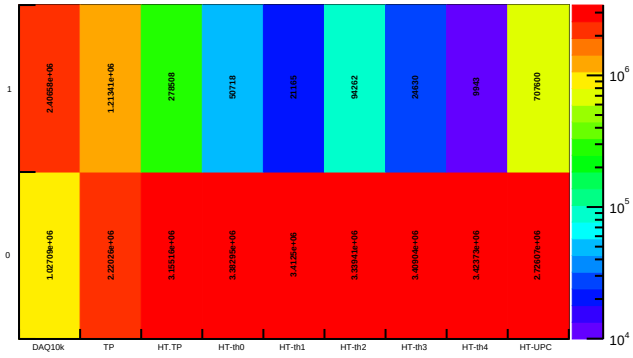

EM201-BC103
Entries 3.090302e+07
1
0
2.38992e+06
1.23107e+06
284131
53966
20947
81297
21545
8611
716557
1.04375e+06
2.2026e+06
3.14954e+06
3.3797e+06
3.41382e+06
3.33237e+06
3.41222e+06
3.42356e+06
2.71721e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4


EM201-BC103Diff
Entries 3824780
1
0
-1
1.59775e+06
893312
208772
29265
8655
263508
317914
74151
25136
6314
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

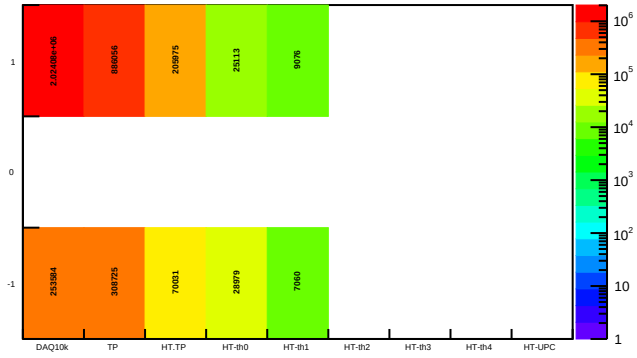

EM201-BC104
Entries 3.090302e+07
1
0
2.43817e+06
1.17229e+06
257942
48973
20309
84465
22037
8946
703974
995503
2.26138e+06
3.12573e+06
3.3947e+06
3.41336e+06
3.3492e+06
3.41163e+06
3.42472e+06
2.7297e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4


EM201-BC104Diff
Entries 3770482
1
0
-1
2.05343e+06
844889
187307
22099
8122
248707
306043
68721
24061
6100
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

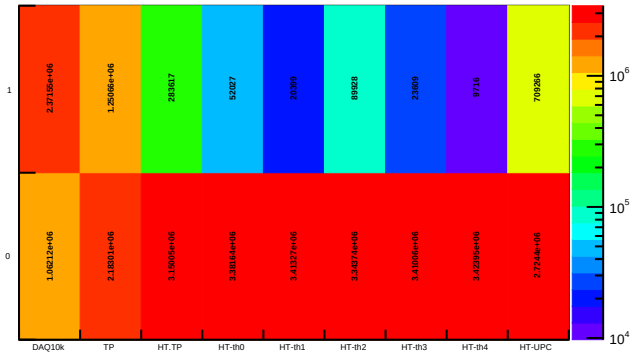
EM201-BC105 Entries 3.090302e+07



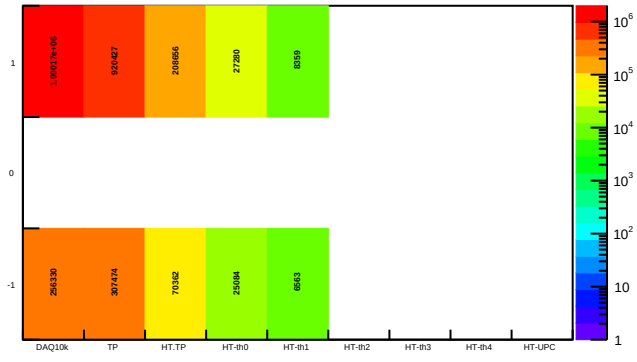
EM201-BC105Diff Entries 3818676



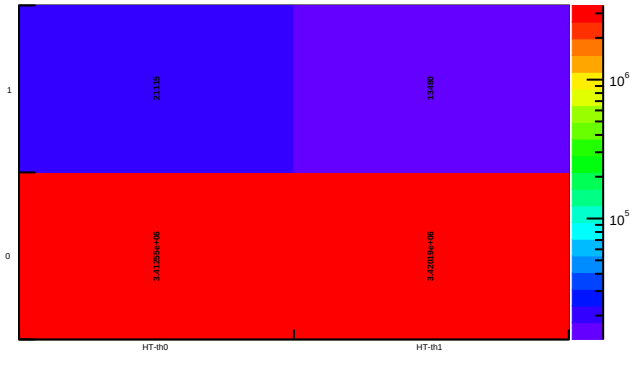
EM201-BC106 Entries 3.090302e+07



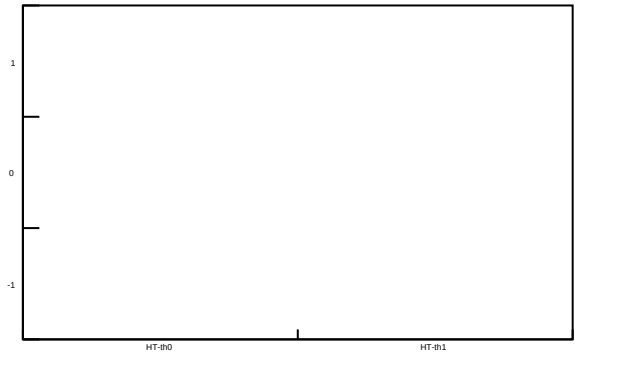
EM201-BC106Diff Entries 3820709



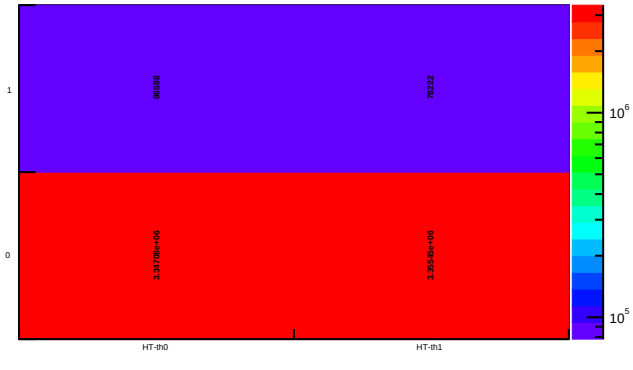
EM201-EE101 Entries 6867338



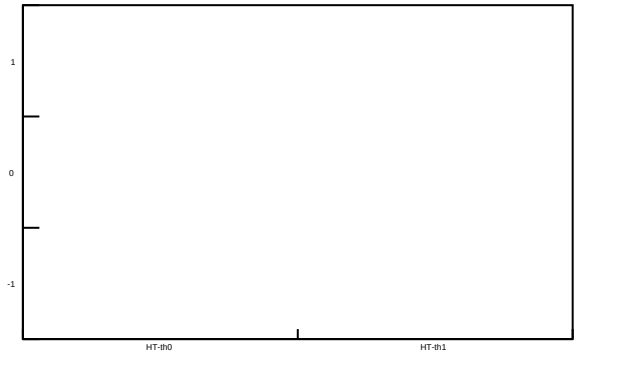
EM201-EE101Diff Entries 0

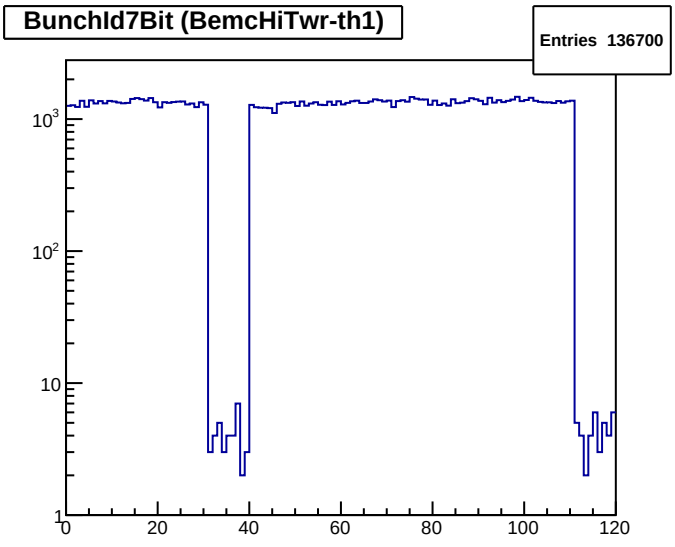


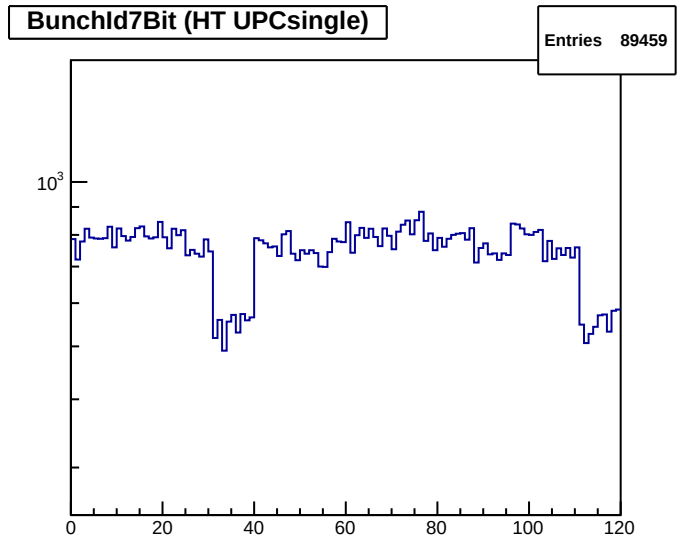
EM201-EE102 Entries 6867338

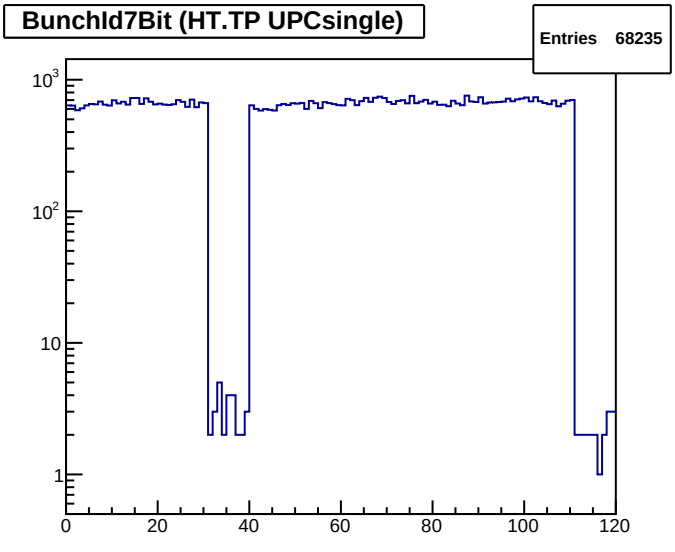


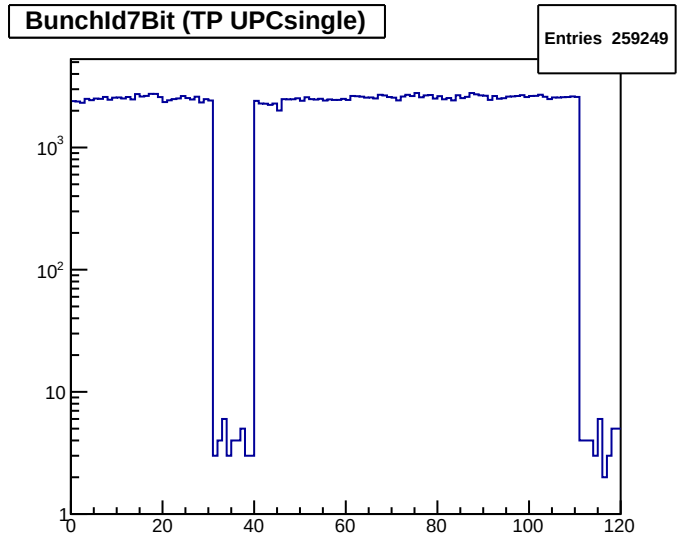
EM201-EE102Diff Entries 0

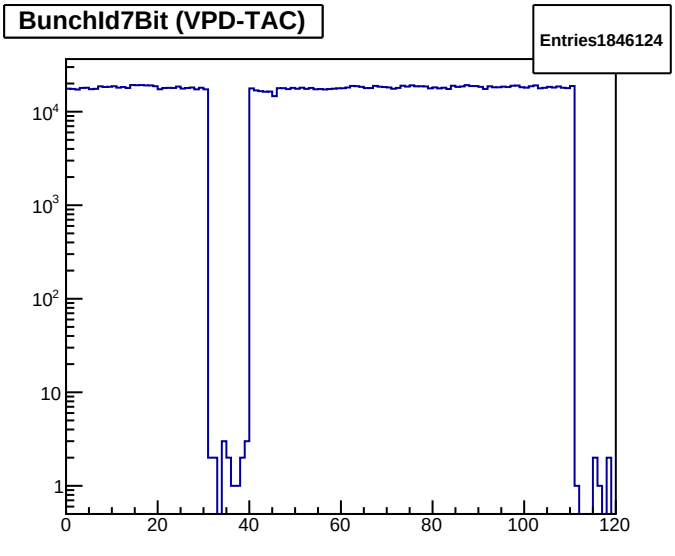


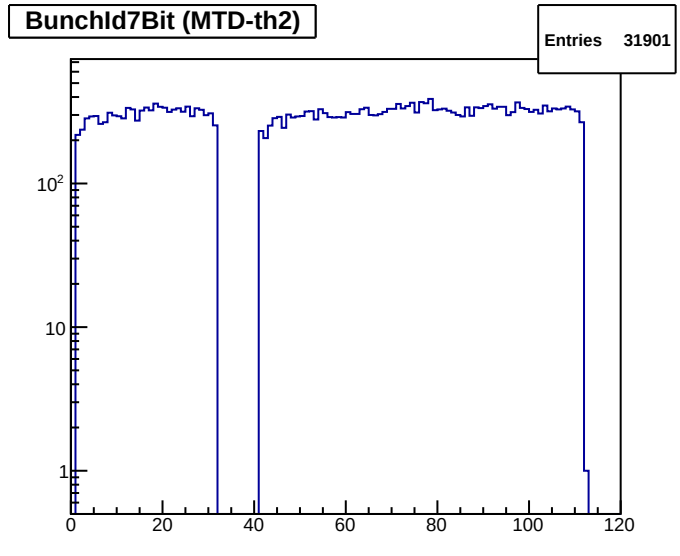

BunchId7Bit (BemcHiTwr-th1)
Entries 136700
10^3
10^2
10
1
0
20
40
60
80
100
120

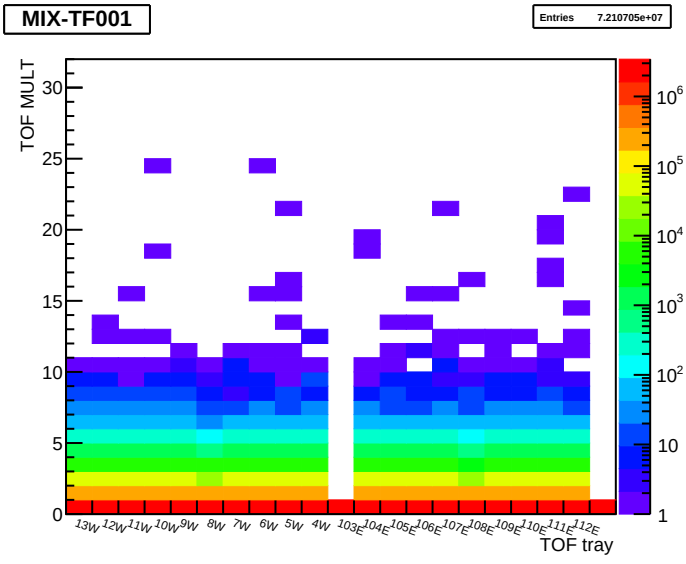

BunchId7Bit (HT UPCsingle)
Entries 89459
10^3
0
20
40
60
80
100
120

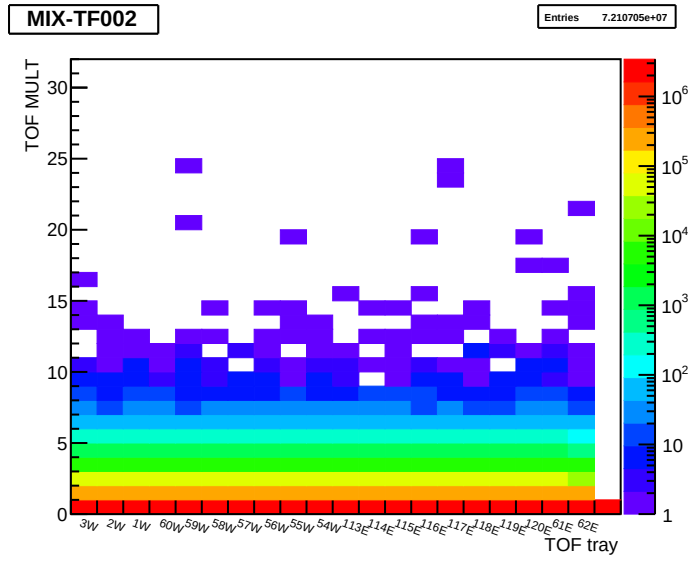

BunchId7Bit (HT.TP UPCsingle)
Entries 68235
10^3
10^2
10
1
0
20
40
60
80
100
120

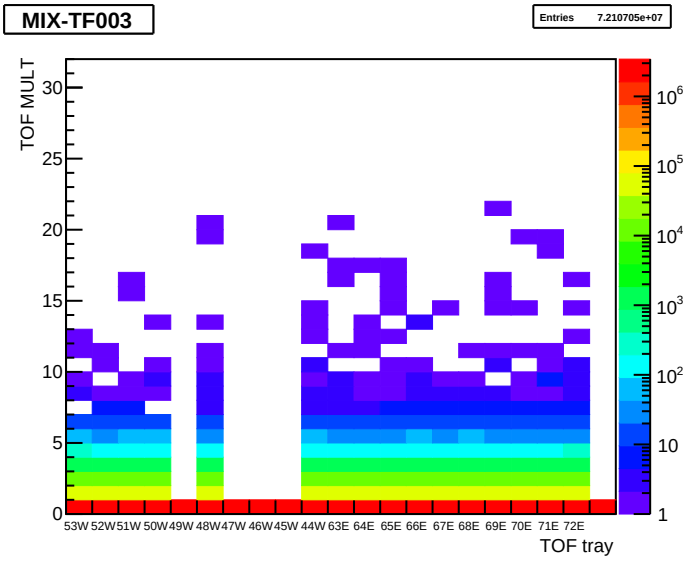

BunchId7Bit (TP UPCsingle)
Entries 259249
10^3
10^2
10
1
0
20
40
60
80
100
120

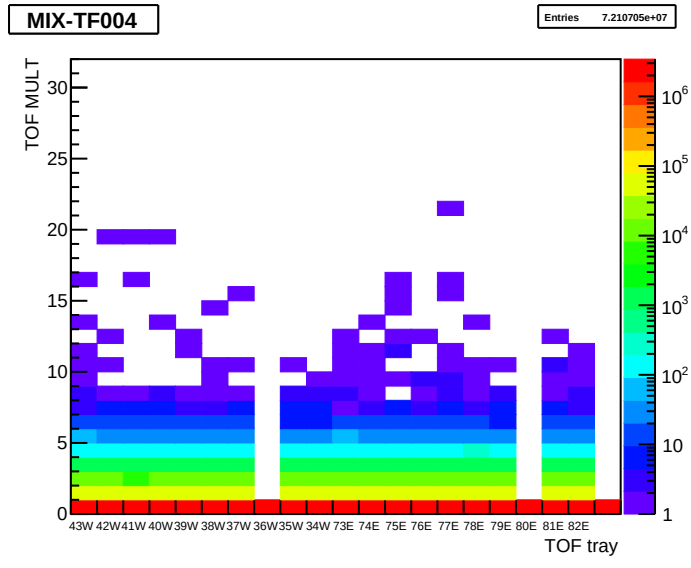

BunchId7Bit (VPD-TAC)
Entries1846124
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

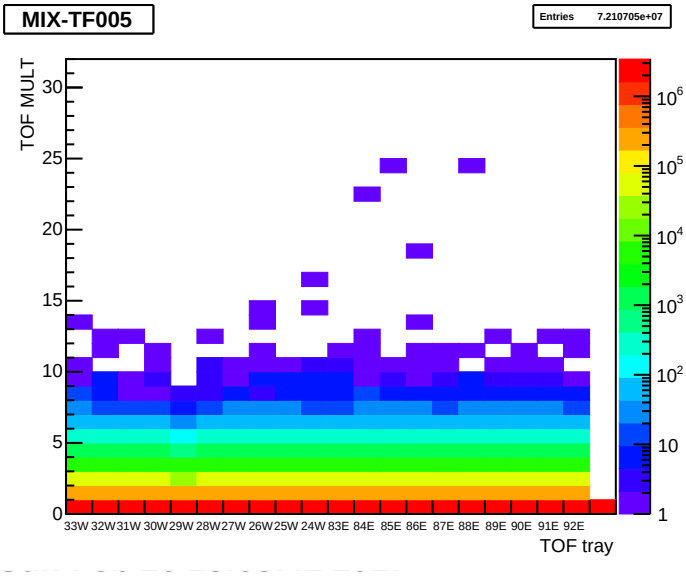

BunchId7Bit (MTD-th2)
Entries 31901
10^2
10
1
0
20
40
60
80
100
120

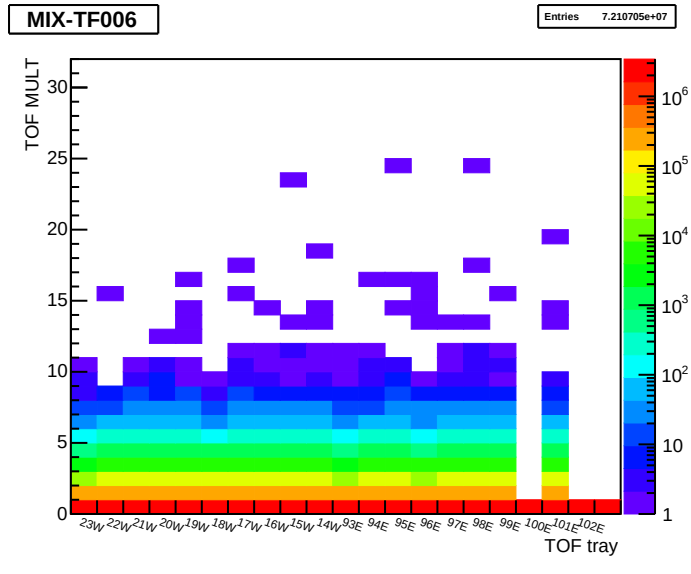

MIX-TF001
Entries 7.210705e+07
TOF MULT
TOF tray

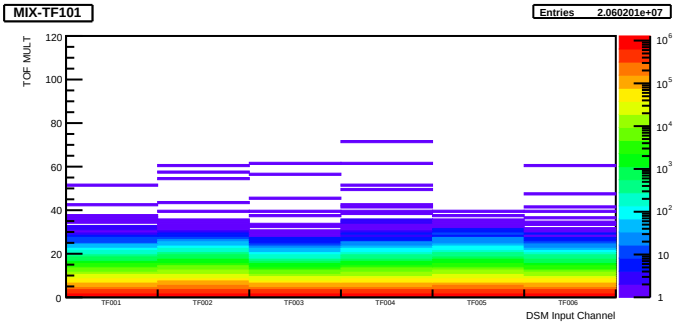

MIX-TF002
Entries 7.210705e+07
TOF MULT
TOF tray

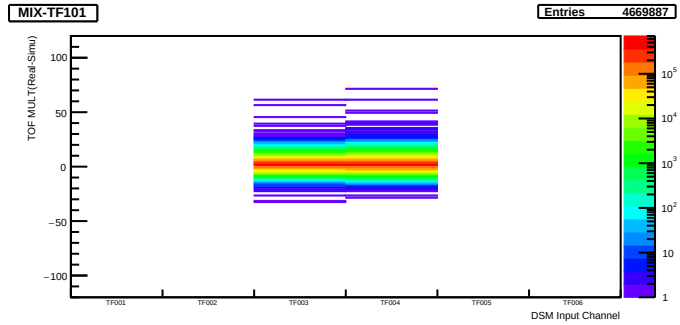

MIX-TF003
Entries 7.210705e+07
TOF MULT
TOF tray

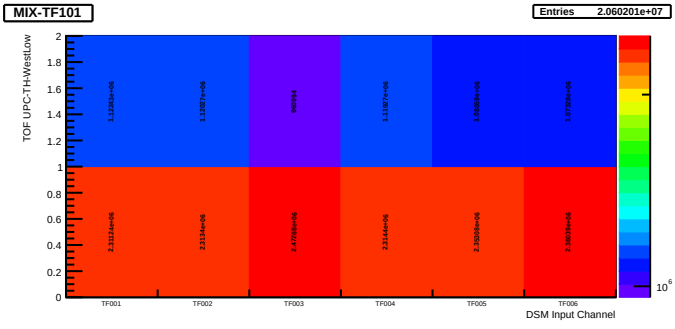

MIX-TF004
Entries 7.210705e+07
TOF MULT
TOF tray

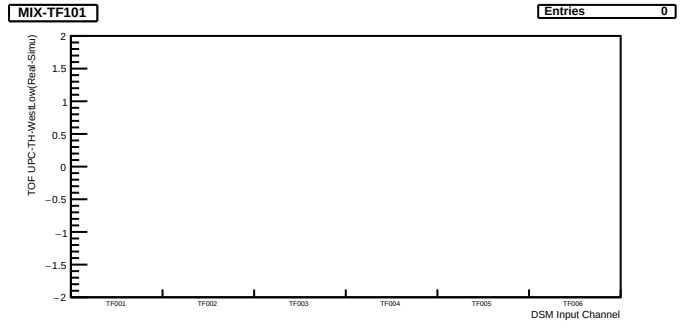

MIX-TF005
Entries 7.210705e+07
TOF MULT
TOF tray

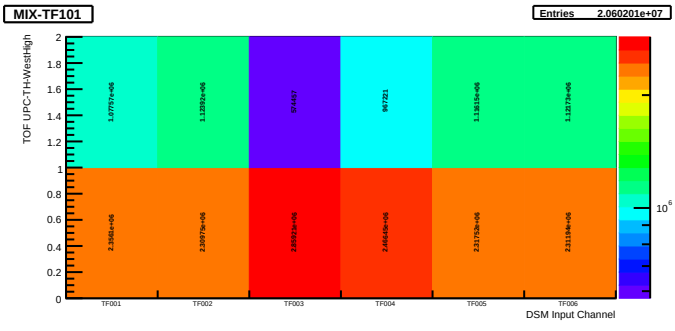

MIX-TF006
Entries 7.210705e+07
TOF MULT
TOF tray

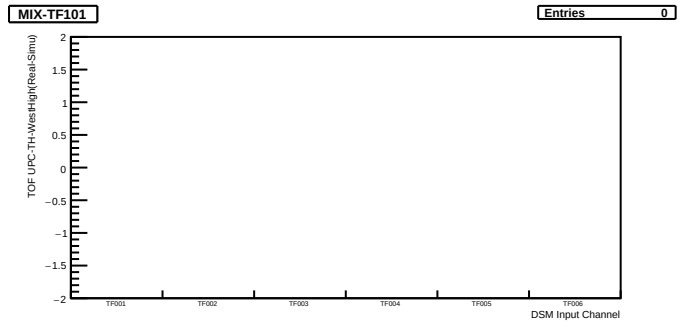

MIX-TF101
Entries 2.060201e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

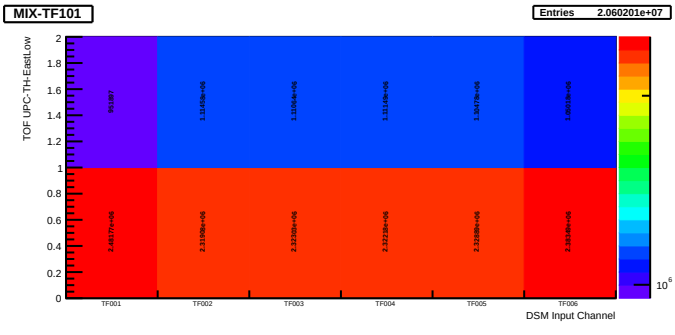

MIX-TF101
Entries 4669887
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

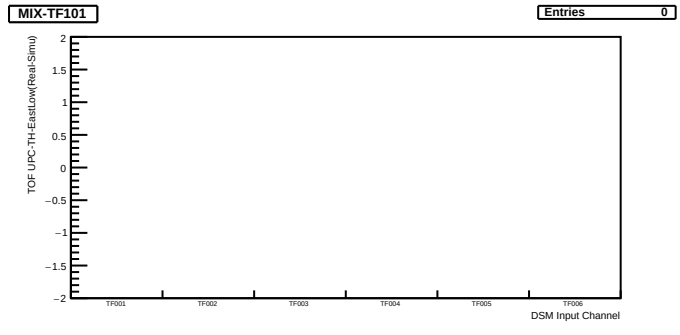

MIX-TF101
Entries 2.060201e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

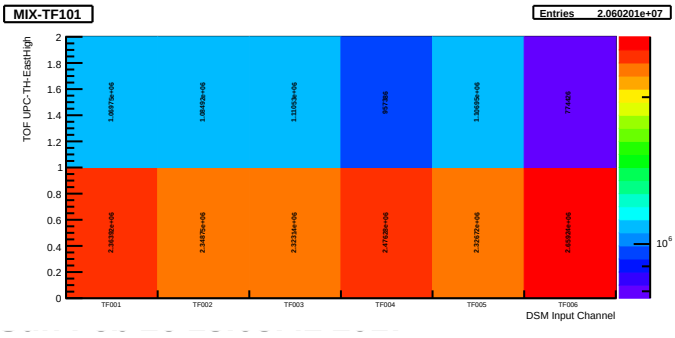

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

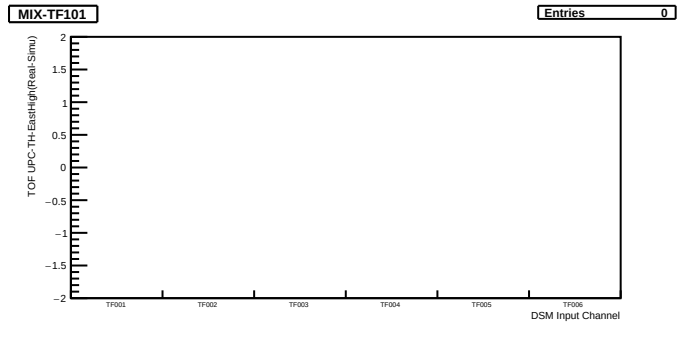

MIX-TF101
Entries 2.060201e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

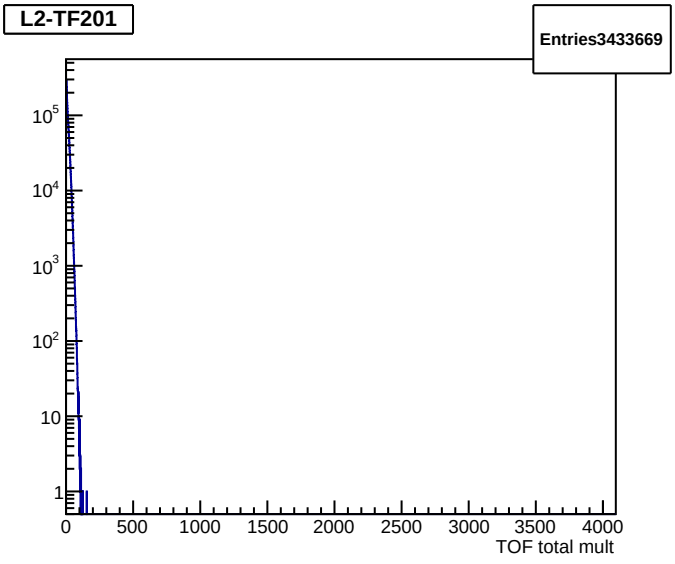

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

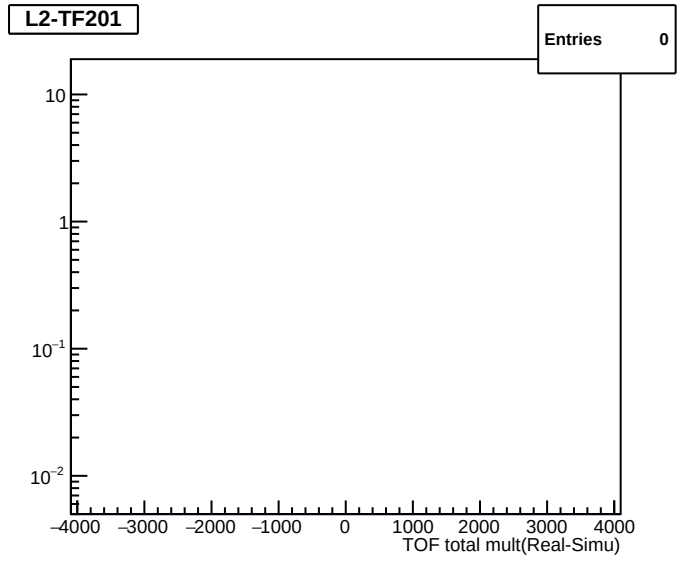

MIX-TF101
Entries 2.060201e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

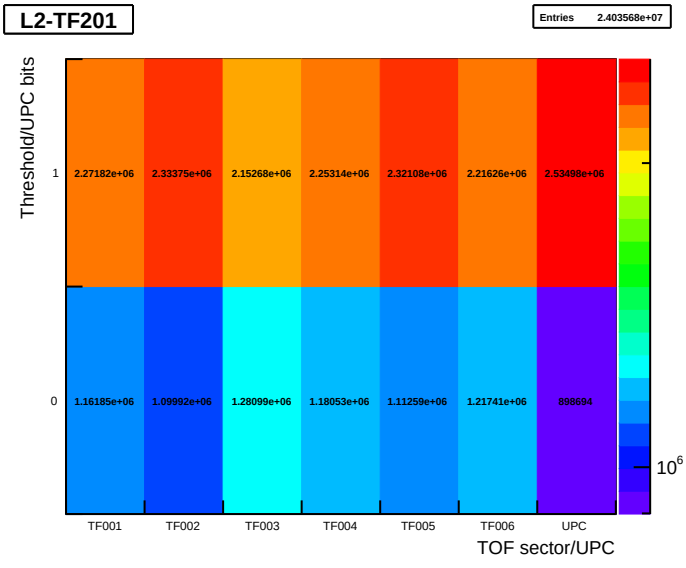

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

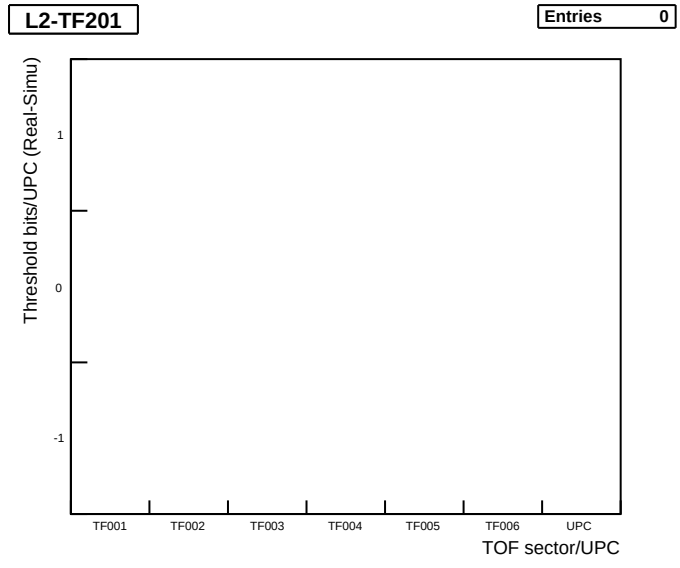

MIX-TF101
Entries 2.060201e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

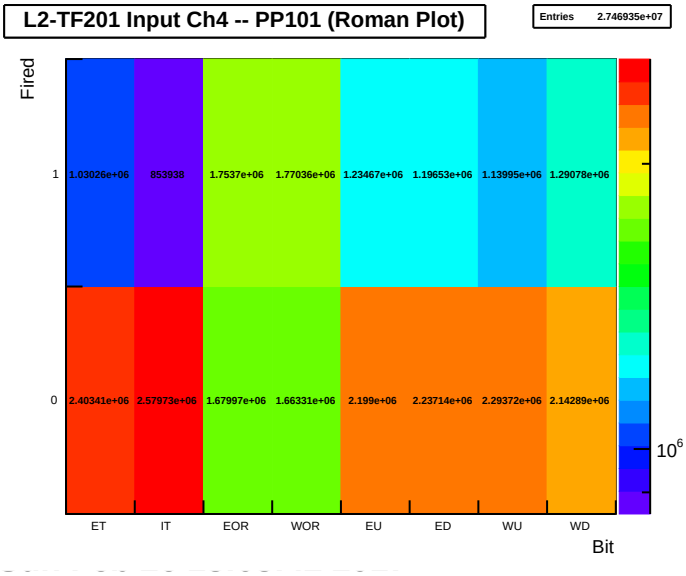

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

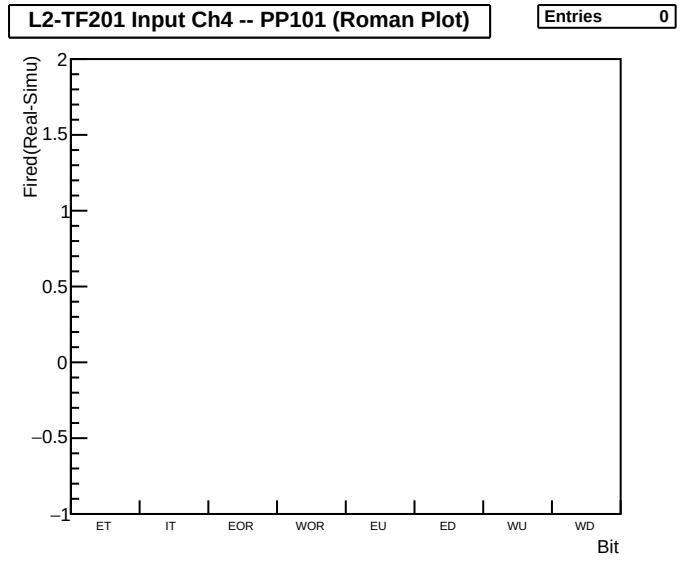

L2-TF201
Entries3433669
TOF total mult

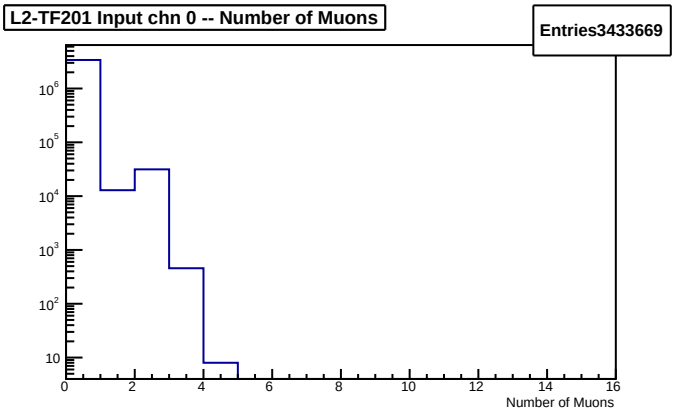

L2-TF201
Entries 0
TOF total mult(Real-Simu)

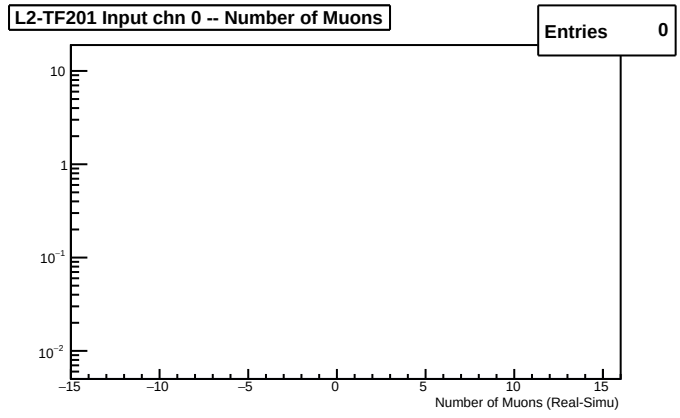

L2-TF201
Entries 2.403568e+07
Threshold/UPC bits
2.27182e+06
2.33375e+06
2.15268e+06
2.25314e+06
2.32108e+06
2.21626e+06
2.53498e+06
1.16185e+06
1.09992e+06
1.28099e+06
1.18053e+06
1.11259e+06
1.21741e+06
898694
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

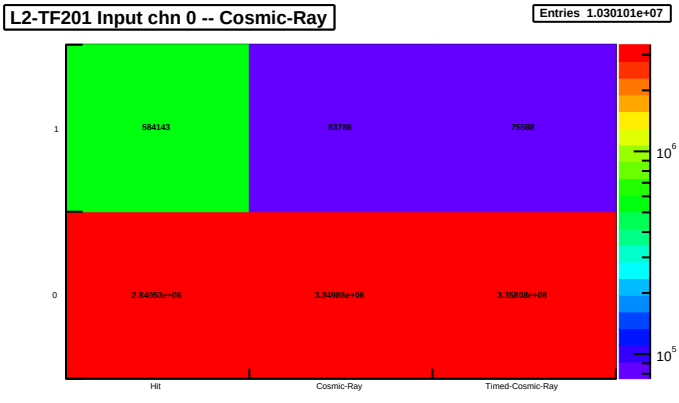

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

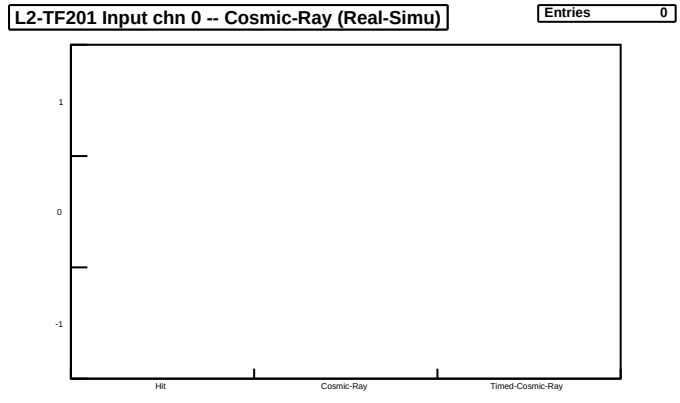

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.746935e+07
Fired
1.03026e+06
853938
1.7537e+06
1.77036e+06
1.23467e+06
1.19653e+06
1.13995e+06
1.29078e+06
2.40341e+06
2.57973e+06
1.67997e+06
1.66331e+06
2.199e+06
2.23714e+06
2.29372e+06
2.14289e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

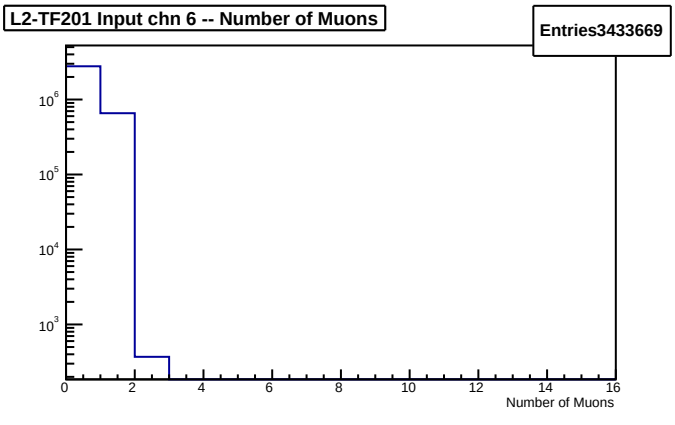

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

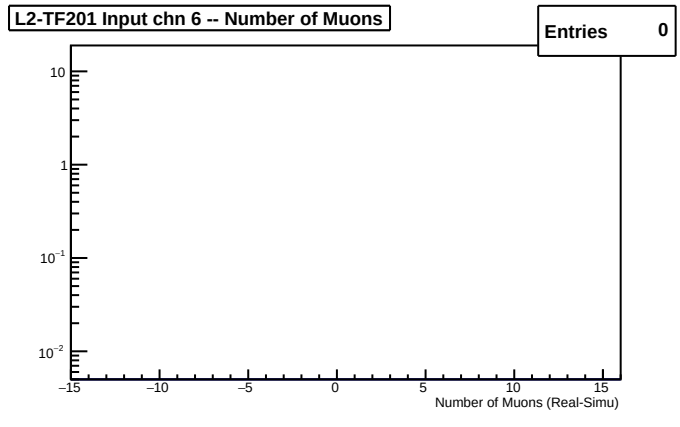

L2-TF201 Input chn 0 -- Number of Muons
Entries3433669
Number of Muons

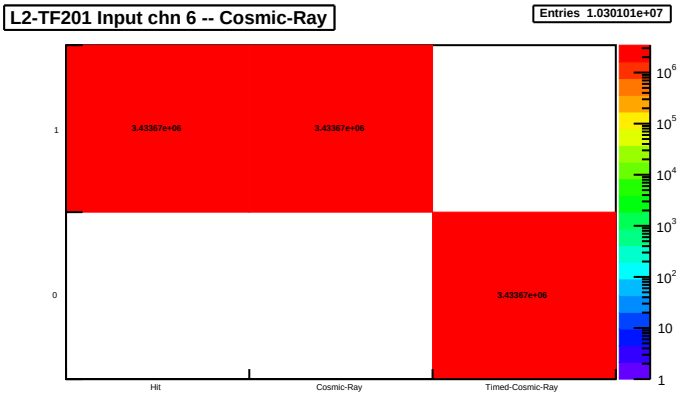

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

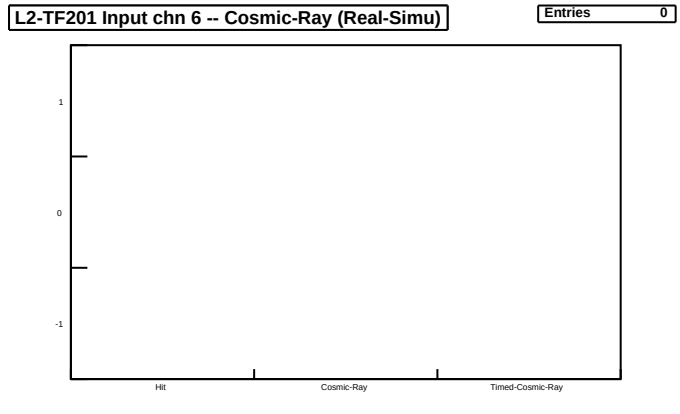

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.030101e+07
584143
83786
75588
2.84953e+06
3.34988e+06
3.35808e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

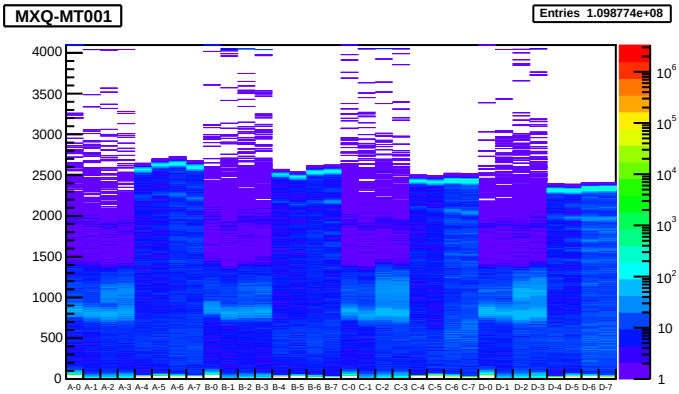

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

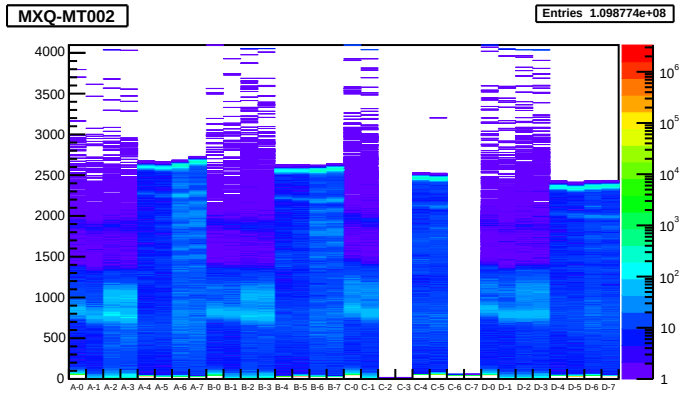

L2-TF201 Input chn 6 -- Number of Muons
Entries3433669
Number of Muons

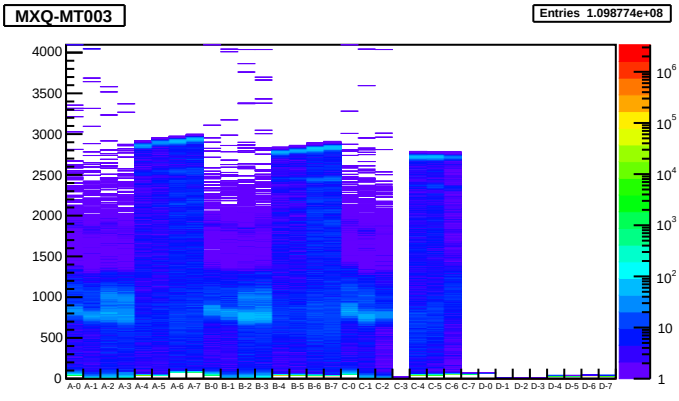

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

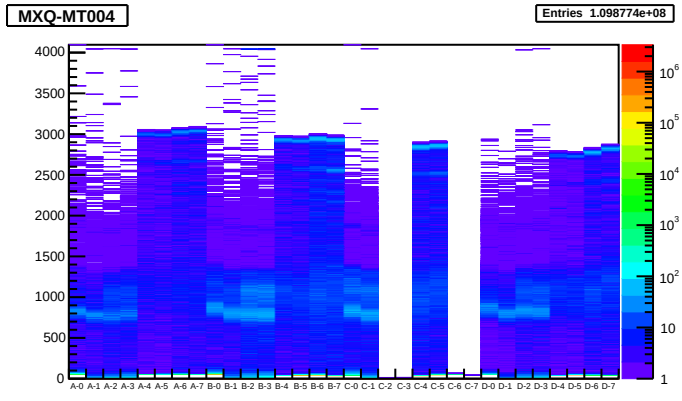

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.030101e+07
3.43367e+06
3.43367e+06
3.43367e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

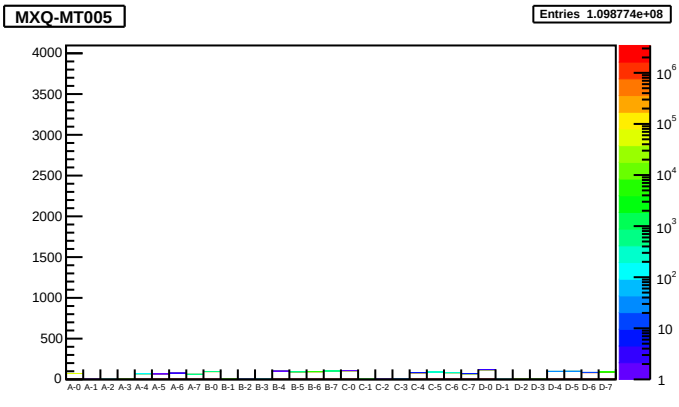

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

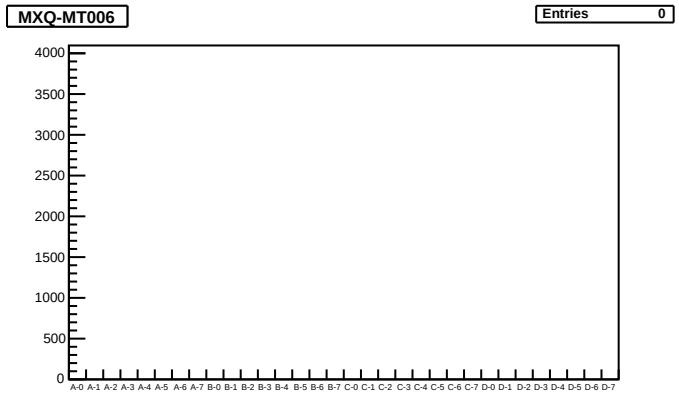

MXQ-MT001
Entries 1.098774e+08

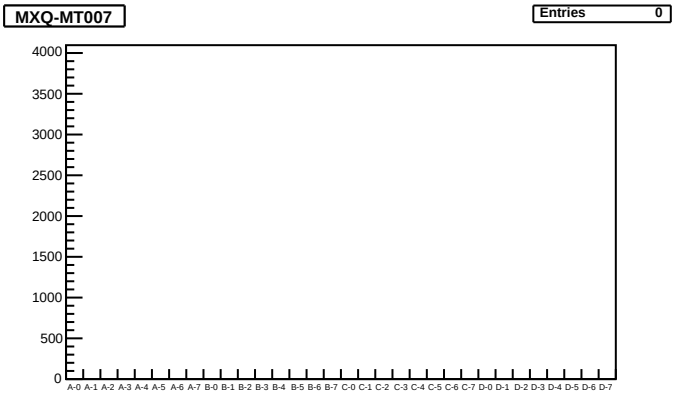

MXQ-MT002
Entries 1.098774e+08

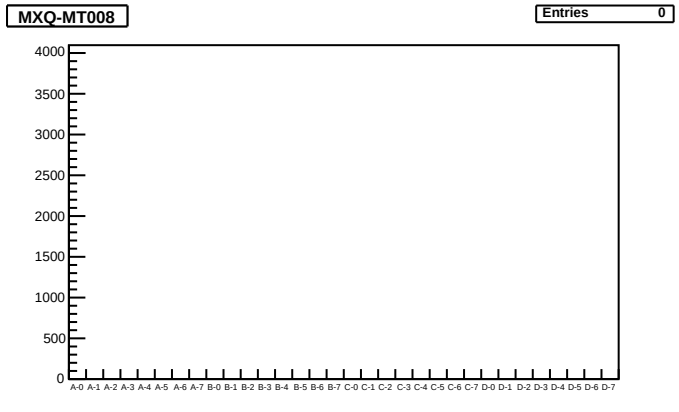

MXQ-MT003
Entries 1.098774e+08

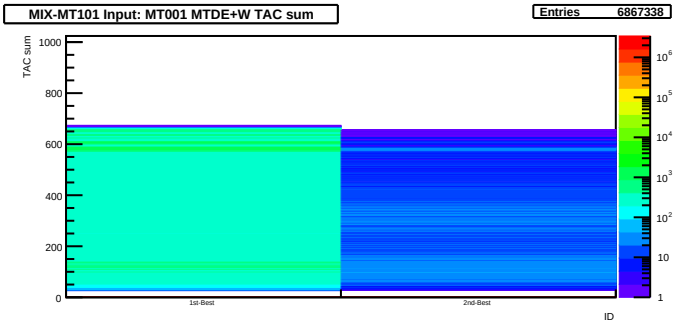

MXQ-MT004
Entries 1.098774e+08

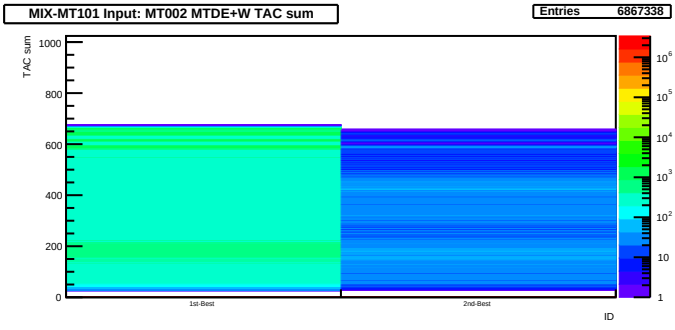

MXQ-MT005
Entries 1.098774e+08

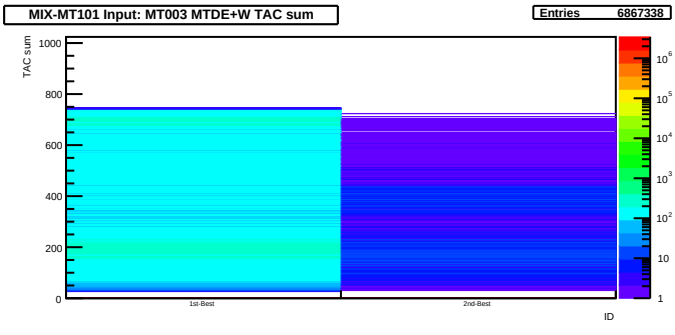

MXQ-MT006
Entries 0

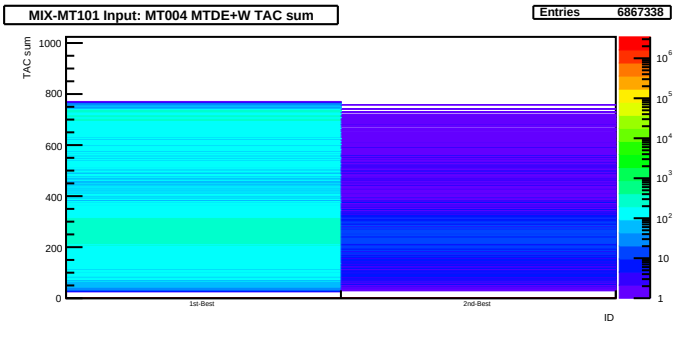

MXQ-MT007
Entries 0

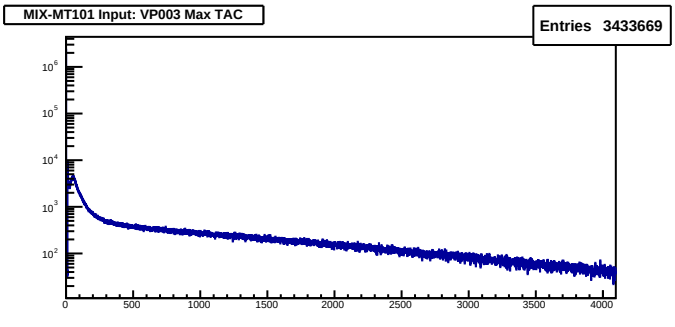

MXQ-MT008
Entries 0

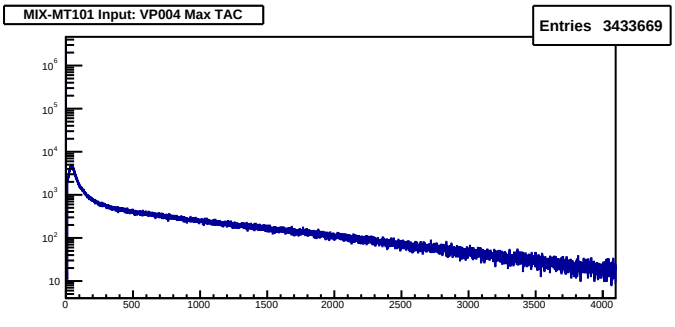

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID

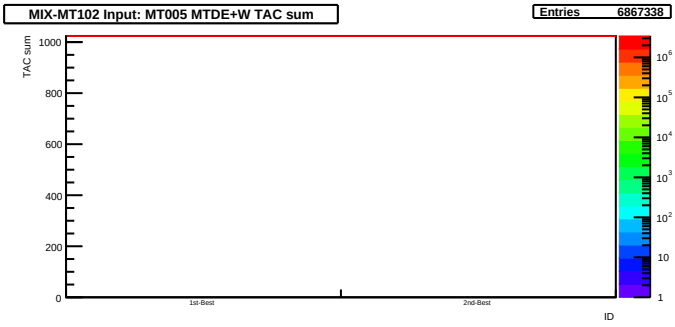

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID

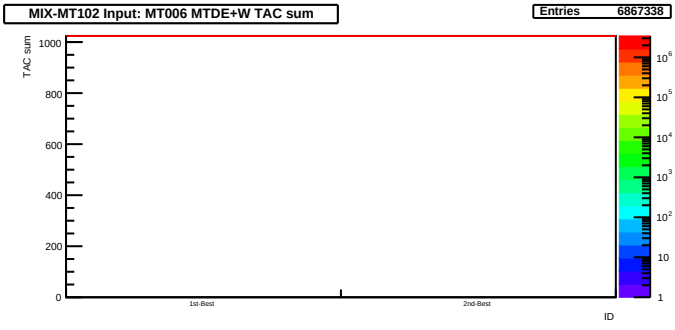

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID

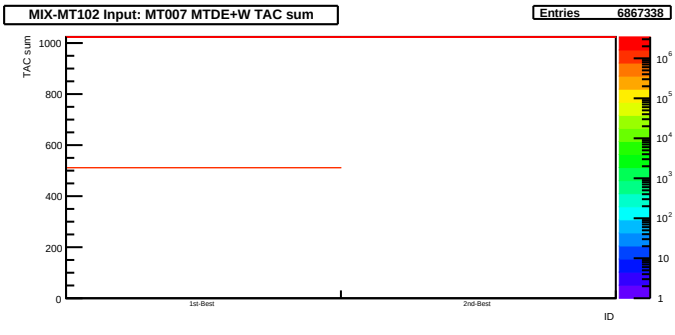

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID

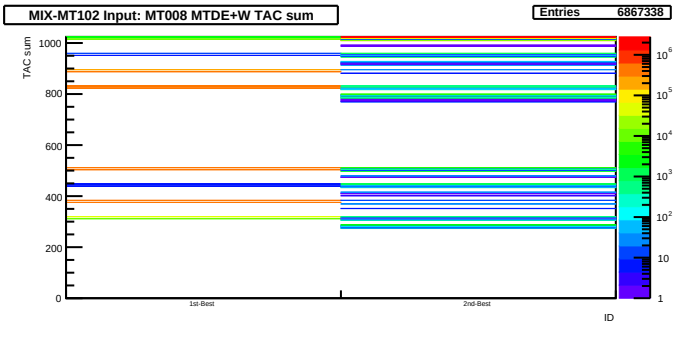

MIX-MT101 Input: VP003 Max TAC
Entries 3433669

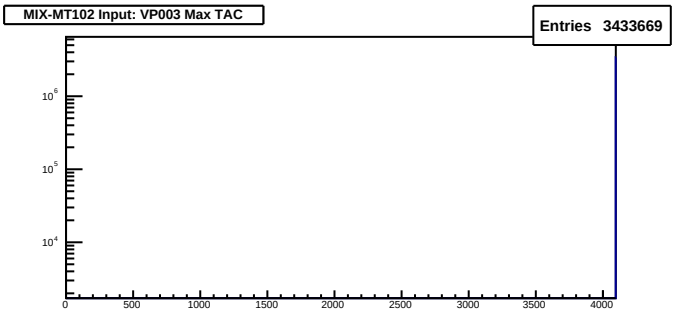

MIX-MT101 Input: VP004 Max TAC
Entries 3433669

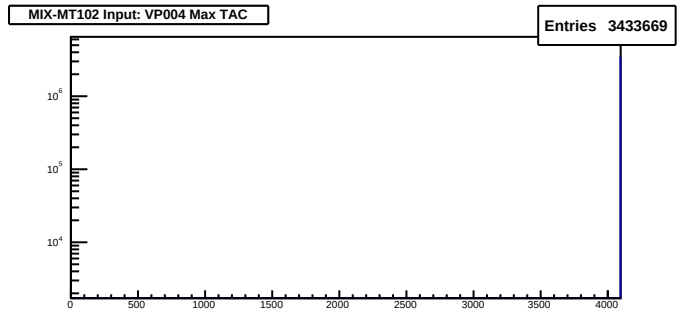

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID

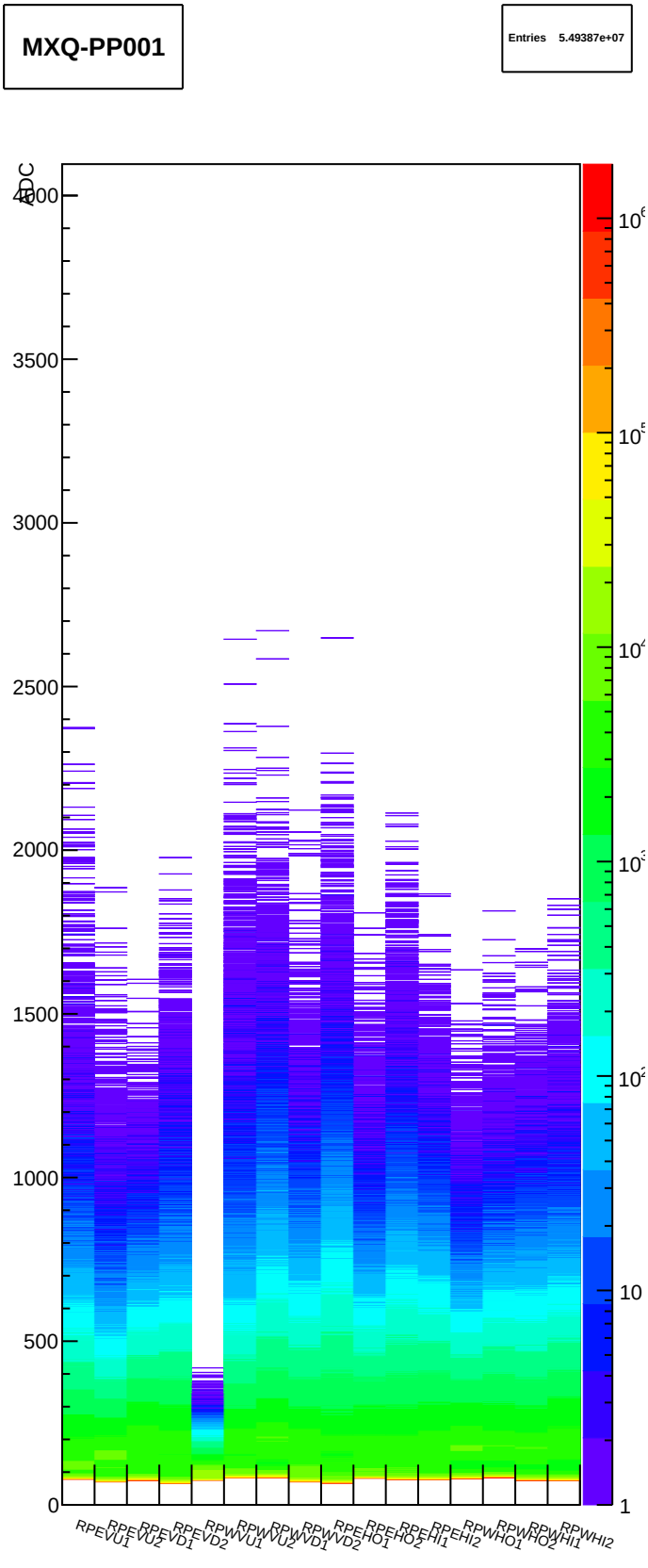

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 6867338
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 3433669


MIX-MT102 Input: VP004 Max TAC
Entries 3433669


MXQ-PP001
Entries 5.49387e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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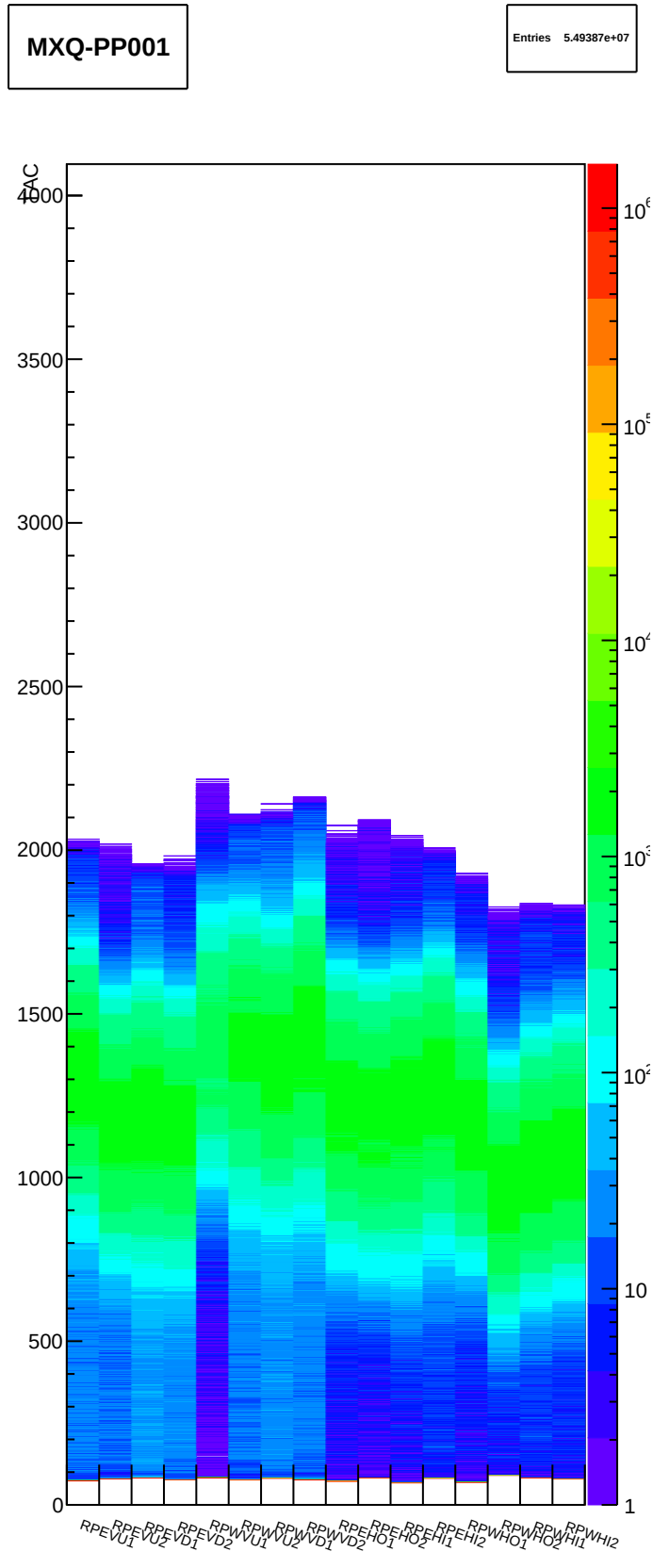
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 5.49387e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
RPEHI2
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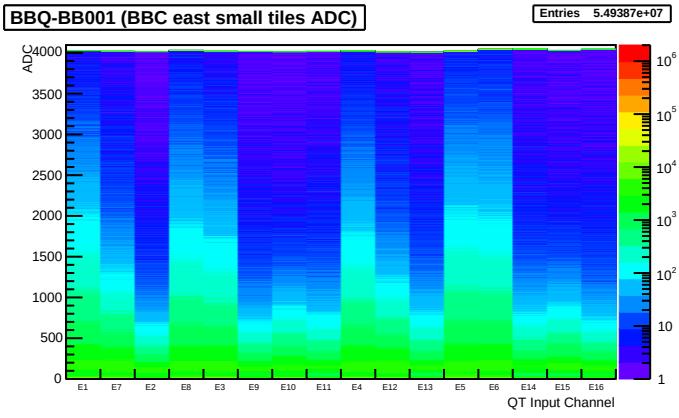
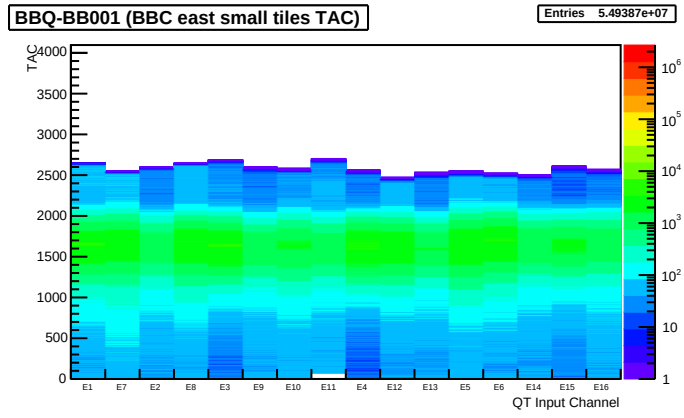
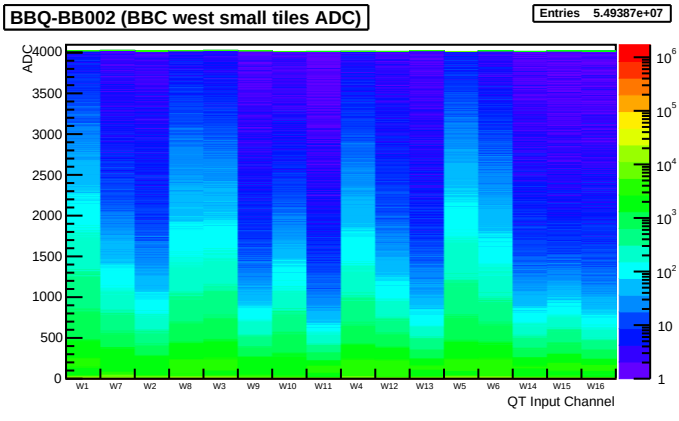
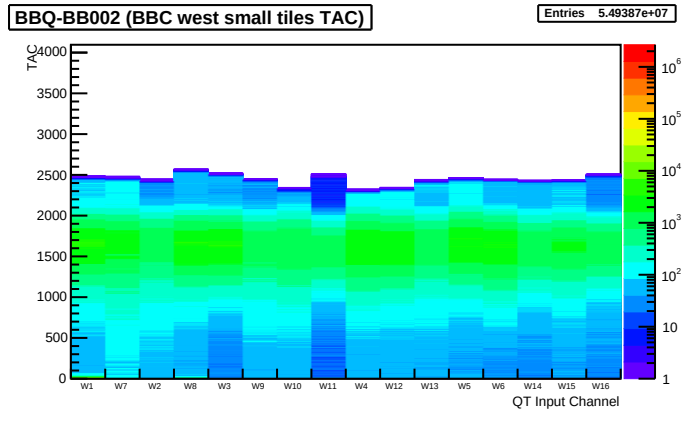
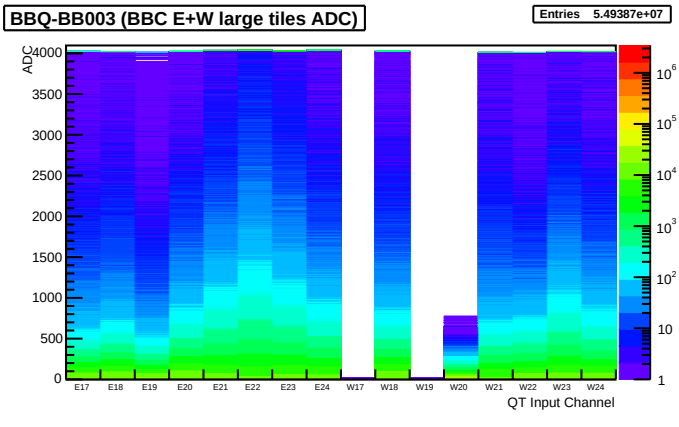
RPWHO2
RPWHI1
RPWHI2
1
10

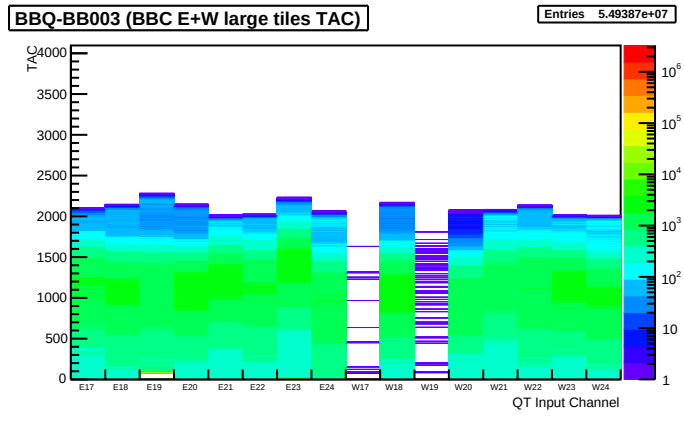

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.49387e+07
ADC
QT Input Channel

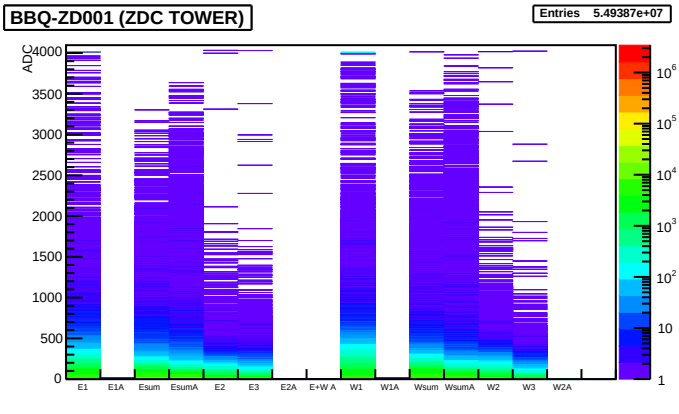

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.49387e+07
TAC
QT Input Channel

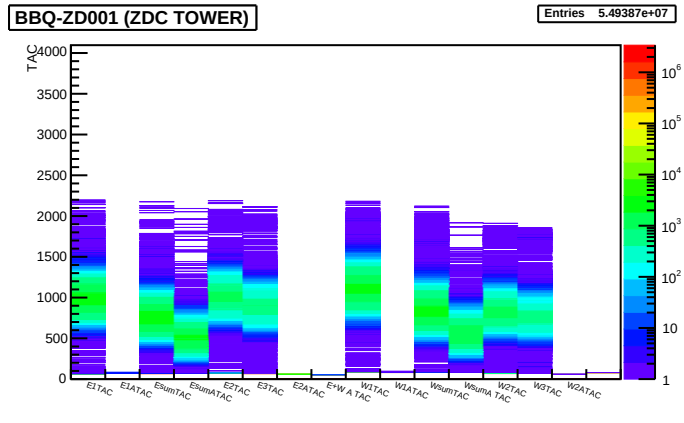

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.49387e+07
ADC
QT Input Channel

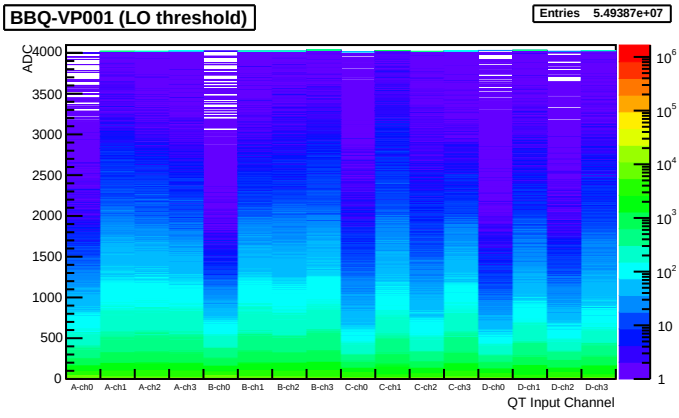

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.49387e+07
TAC
QT Input Channel

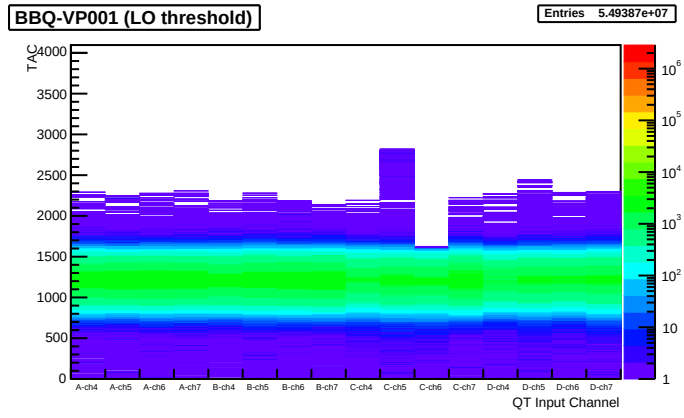

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.49387e+07
ADC
QT Input Channel

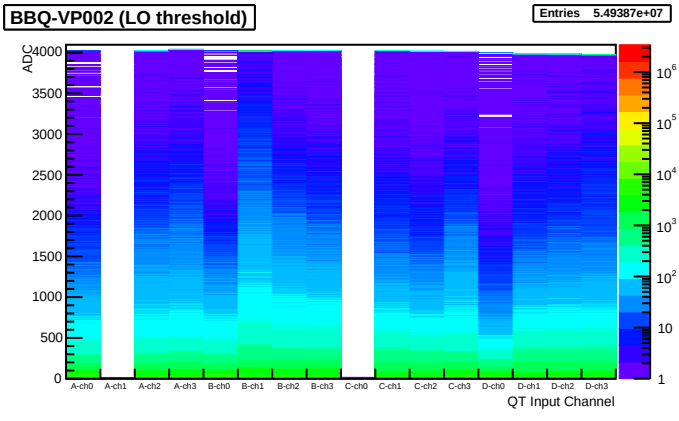

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.49387e+07
TAC
QT Input Channel

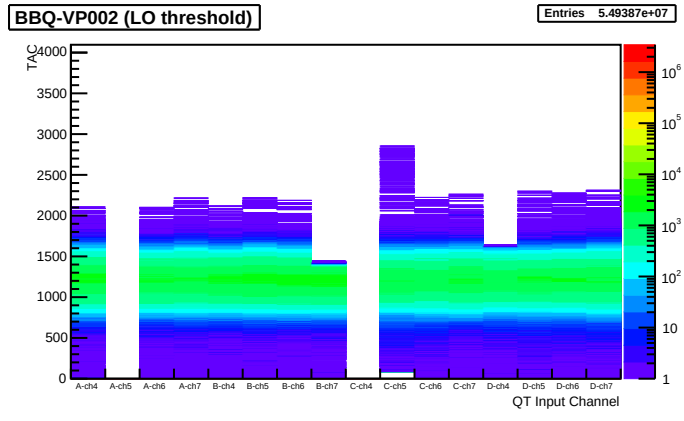

BBQ-ZD001 (ZDC TOWER)
Entries 5.49387e+07
ADC

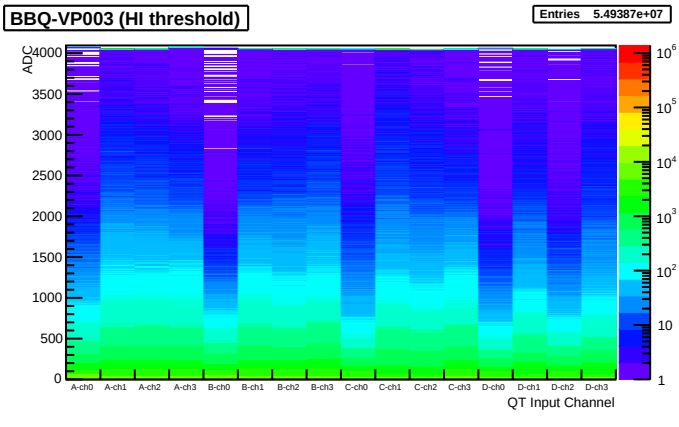

BBQ-ZD001 (ZDC TOWER)
Entries 5.49387e+07
TAC

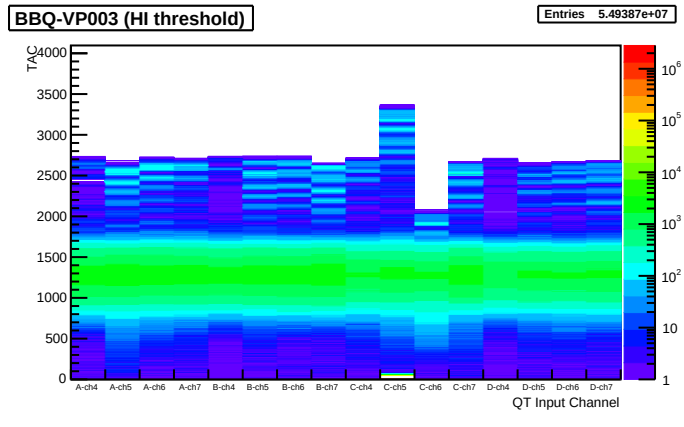

BBQ-VP001 (LO threshold)
Entries 5.49387e+07
ADC
QT Input Channel

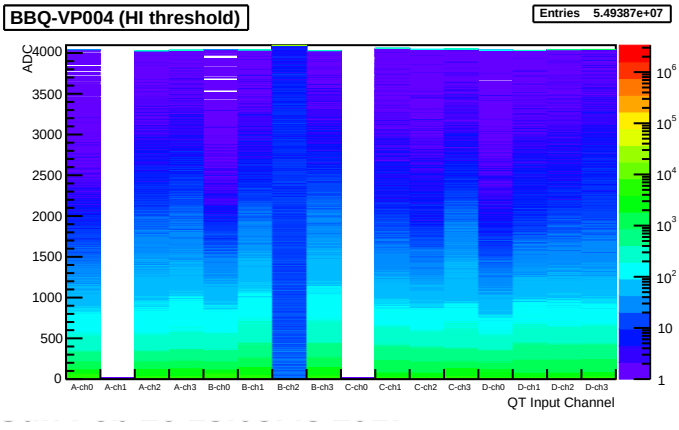

BBQ-VP001 (LO threshold)
Entries 5.49387e+07
TAC
QT Input Channel

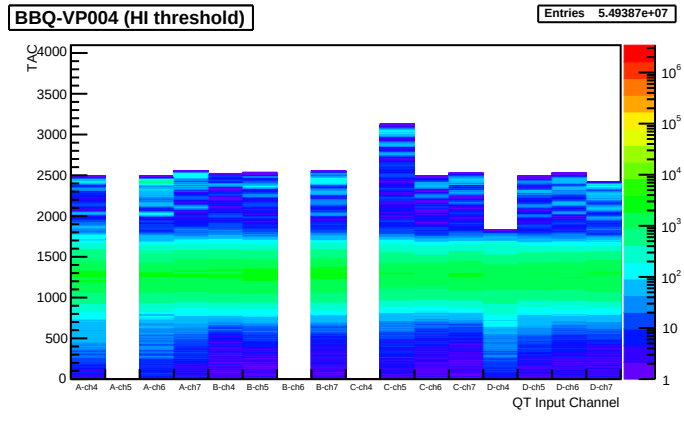

BBQ-VP002 (LO threshold)
Entries 5.49387e+07
ADC
QT Input Channel

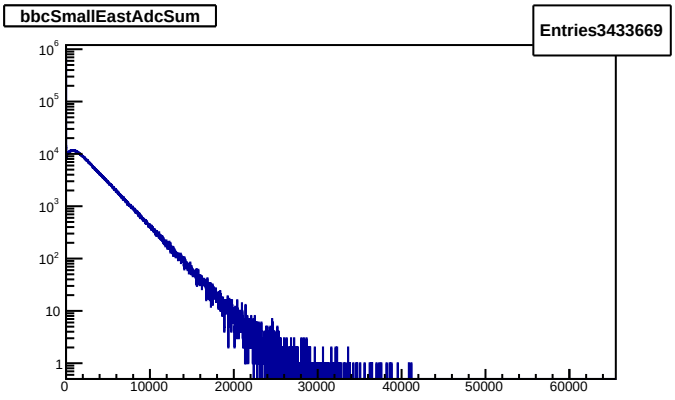

BBQ-VP002 (LO threshold)
Entries 5.49387e+07
TAC
QT Input Channel

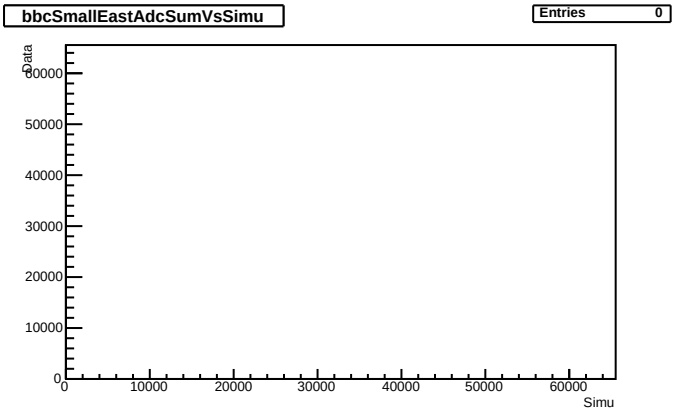

BBQ-VP003 (HI threshold)
Entries 5.49387e+07
ADC
QT Input Channel

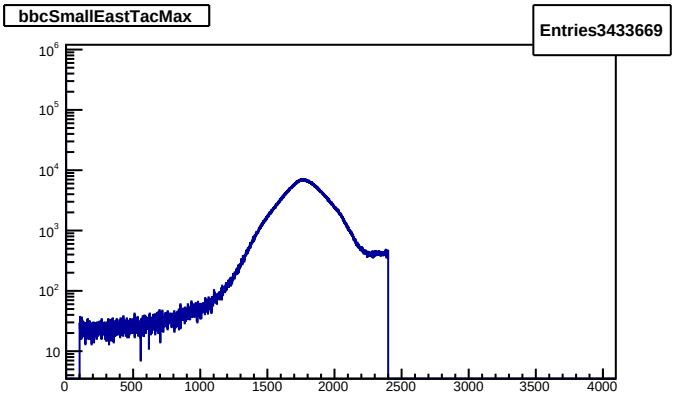

BBQ-VP003 (HI threshold)
Entries 5.49387e+07
TAC
QT Input Channel

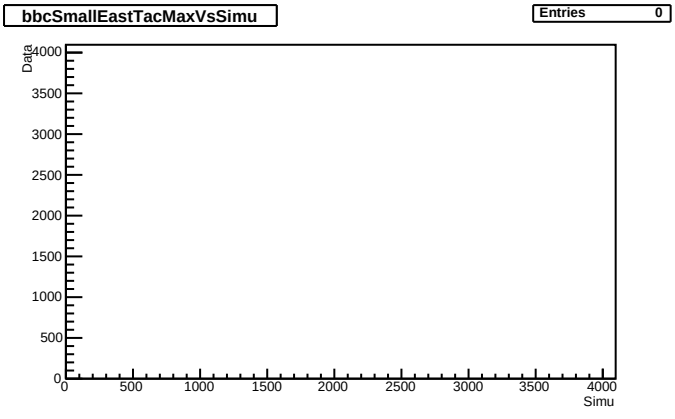

BBQ-VP004 (HI threshold)
Entries 5.49387e+07
ADC
QT Input Channel

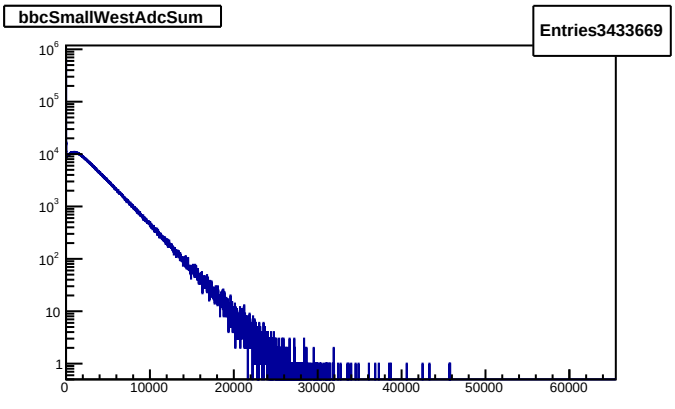

BBQ-VP004 (HI threshold)
Entries 5.49387e+07
TAC
QT Input Channel

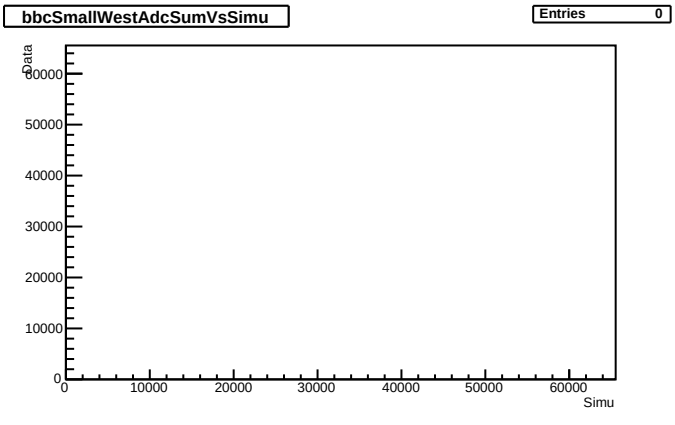

bbcSmallEastAdcSum
Entries3433669

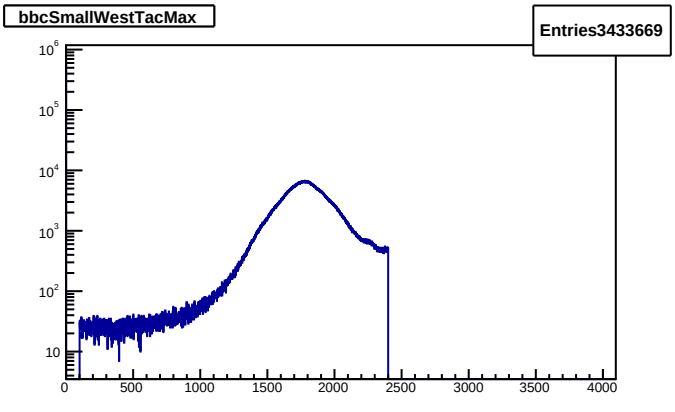

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

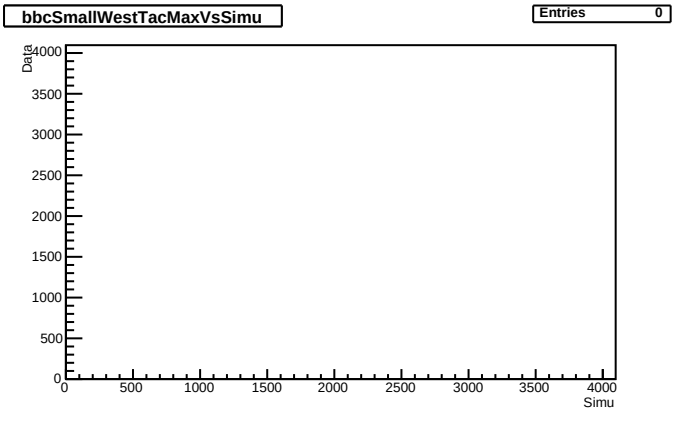

bbcSmallEastTacMax
Entries3433669

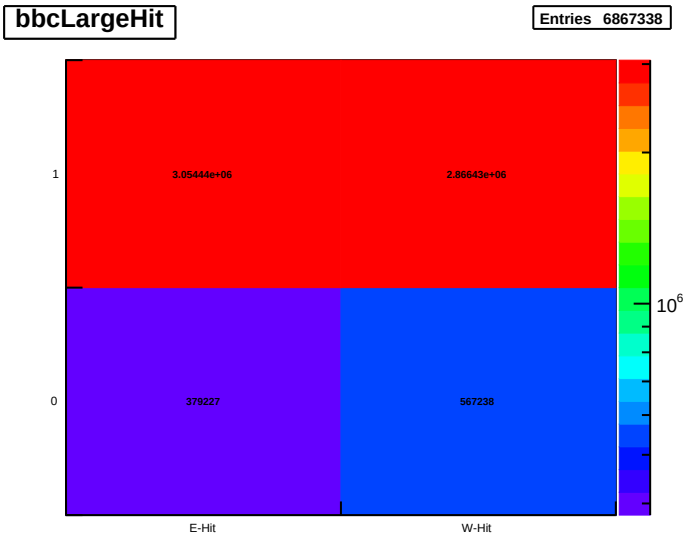

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

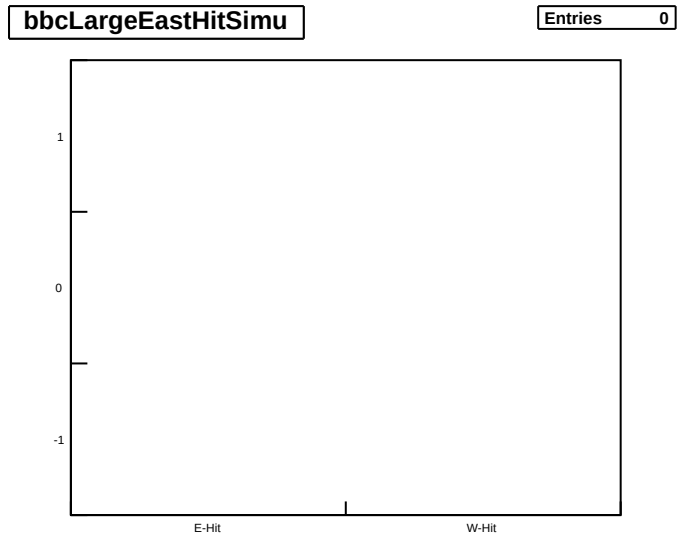

bbcSmallWestAdcSum
Entries3433669

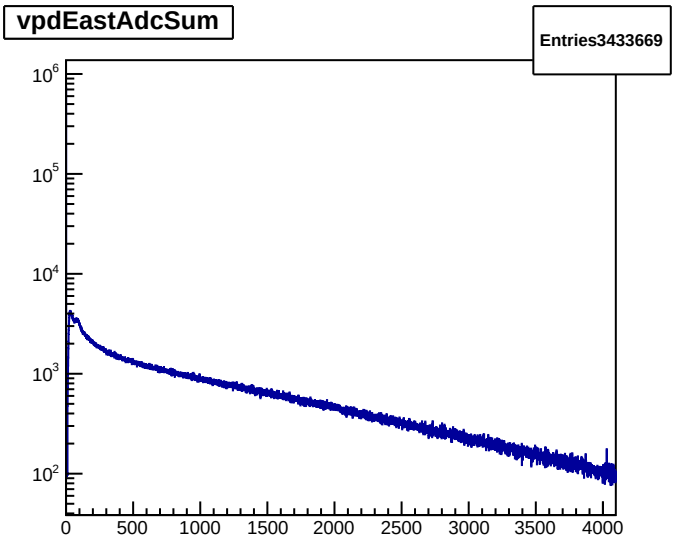

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

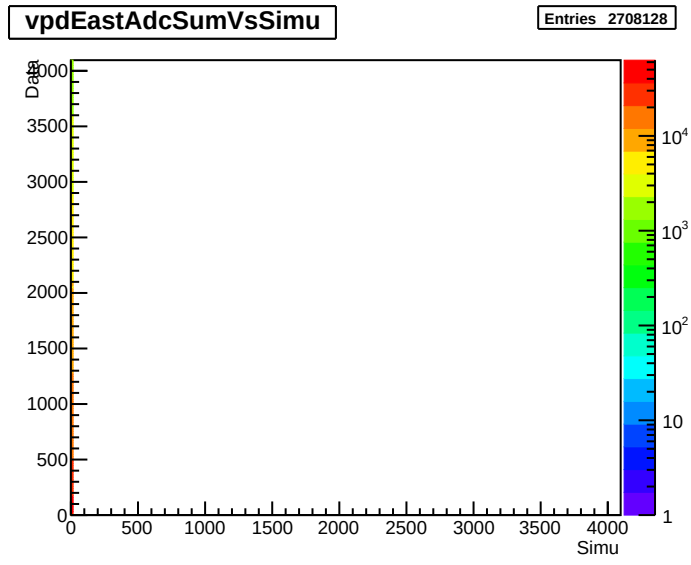

bbcSmallWestTacMax
Entries3433669

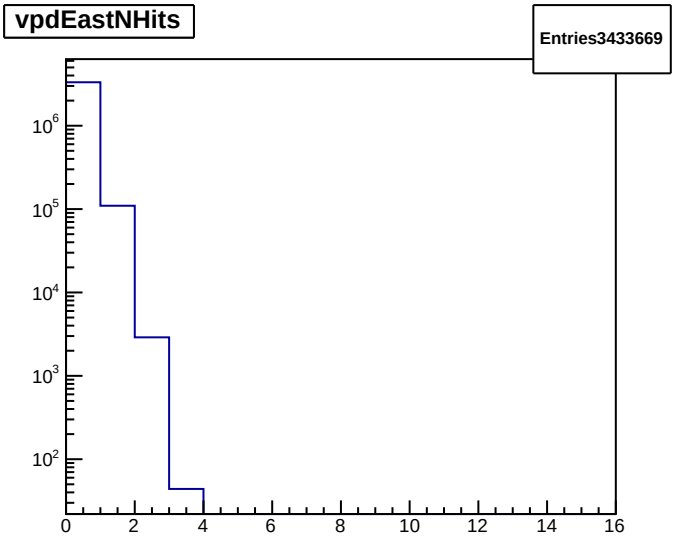

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

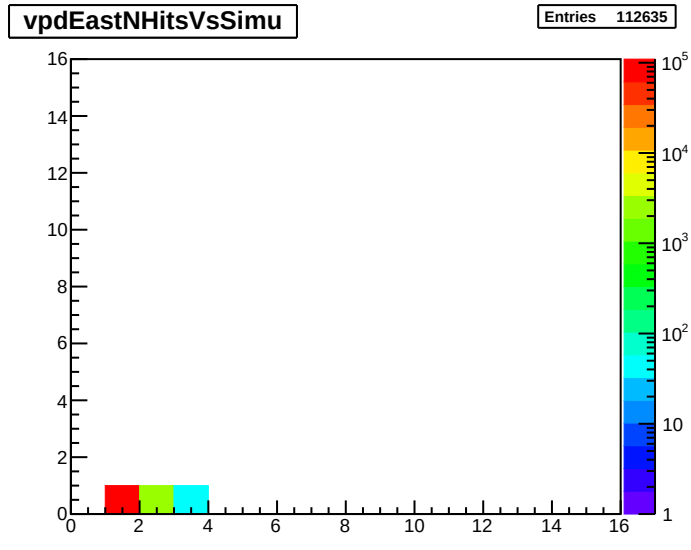

bbcLargeHit
Entries 6867338
1
0
3.05444e+06
2.86643e+06
379227
567238
E-Hit
W-Hit
10^6

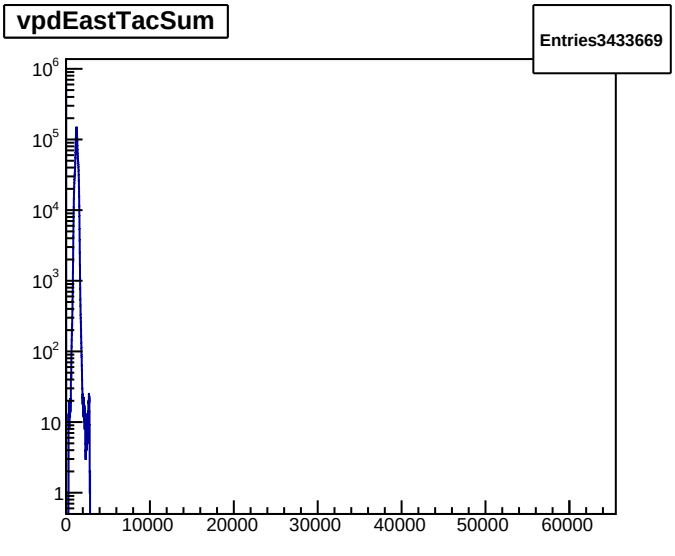

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

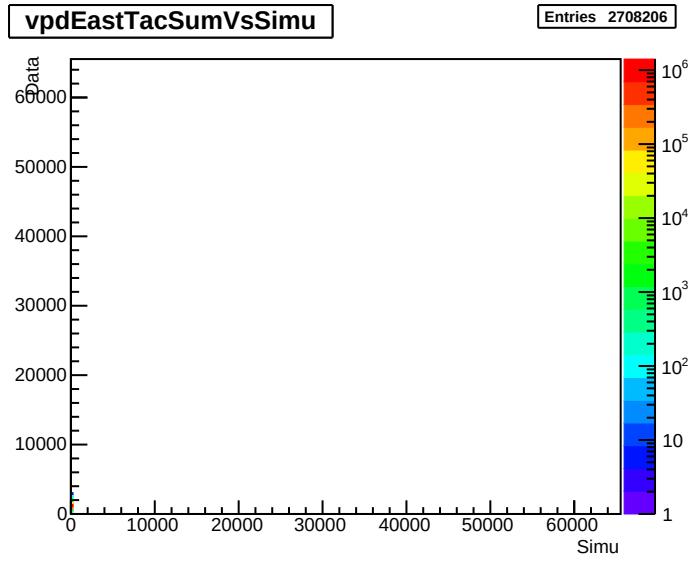

vpdEastAdcSum
Entries3433669

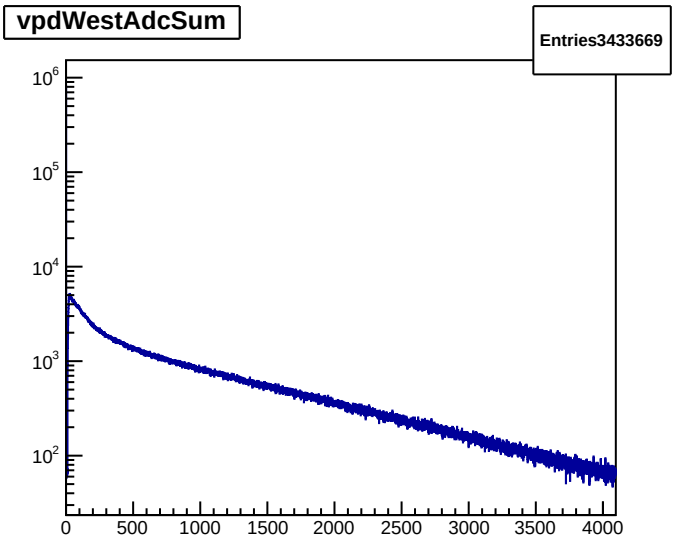

vpdEastAdcSumVsSimu
Entries 2708128
Data
Simu

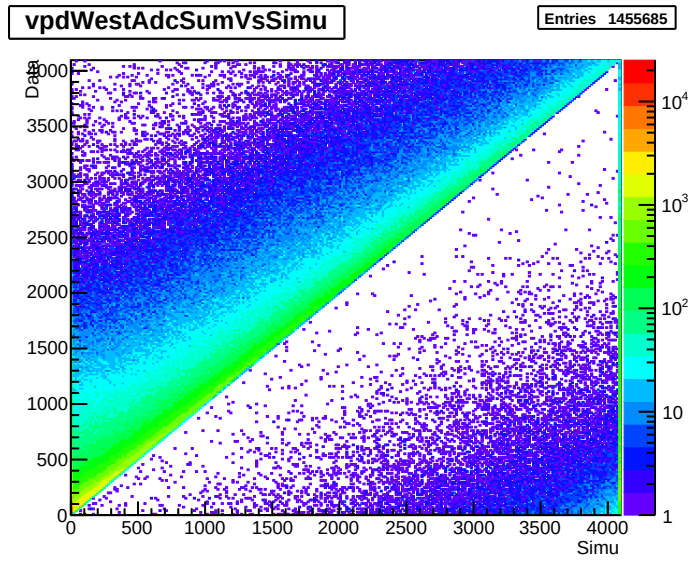

vpdEastNHits
Entries3433669

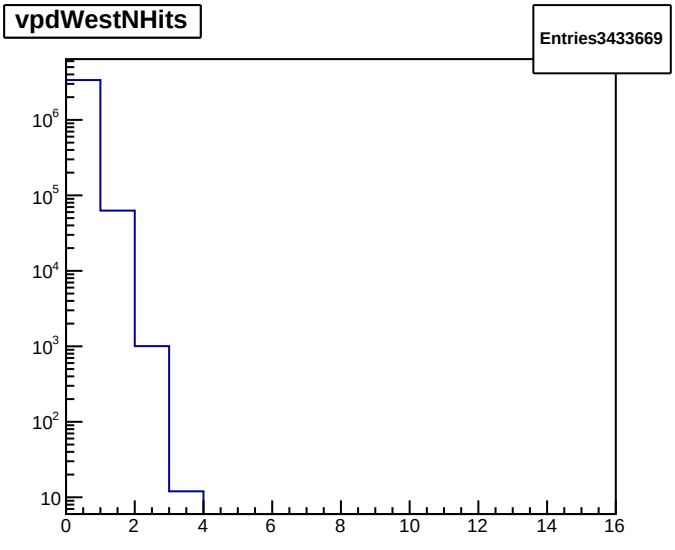

vpdEastNHitsVsSimu
Entries 112635

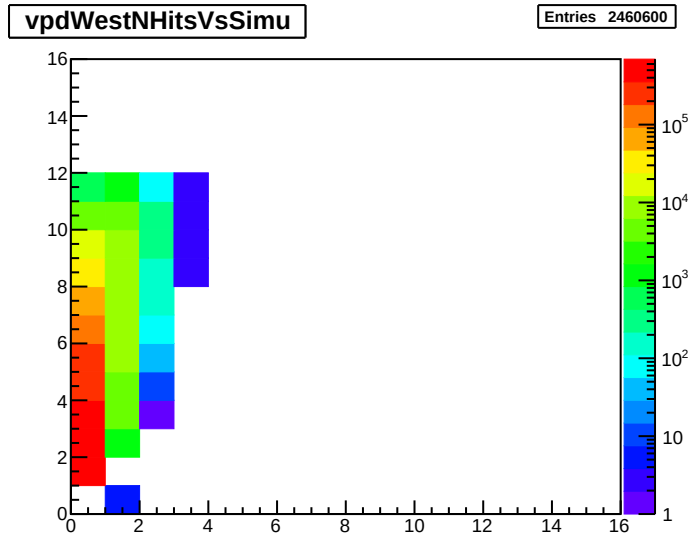

vpdEastTacSum
Entries3433669

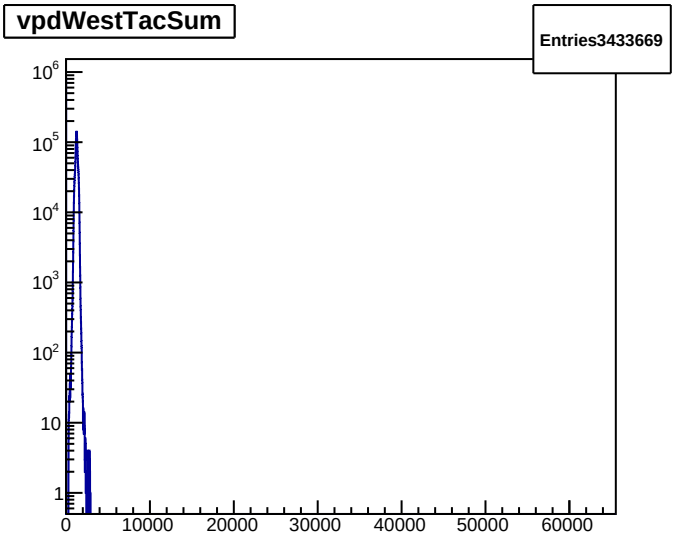

vpdEastTacSumVsSimu
Entries 2708206
Data
Simu

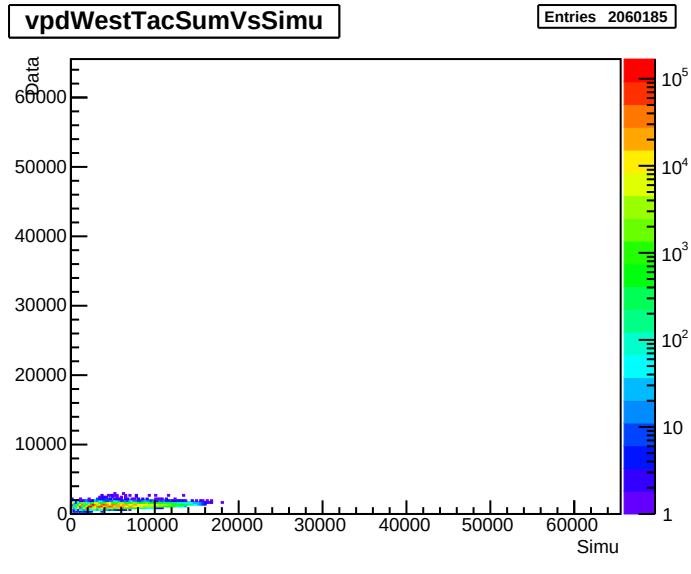

vpdWestAdcSum
Entries3433669

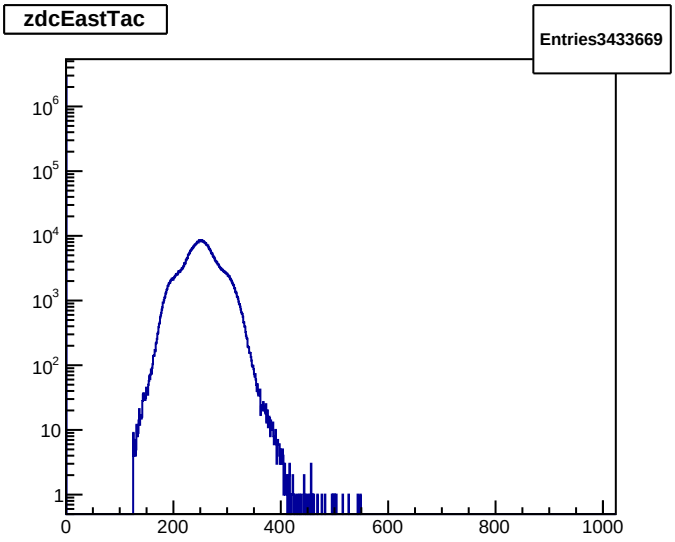

vpdWestAdcSumVsSimu
Entries 1455685
Data
Simu

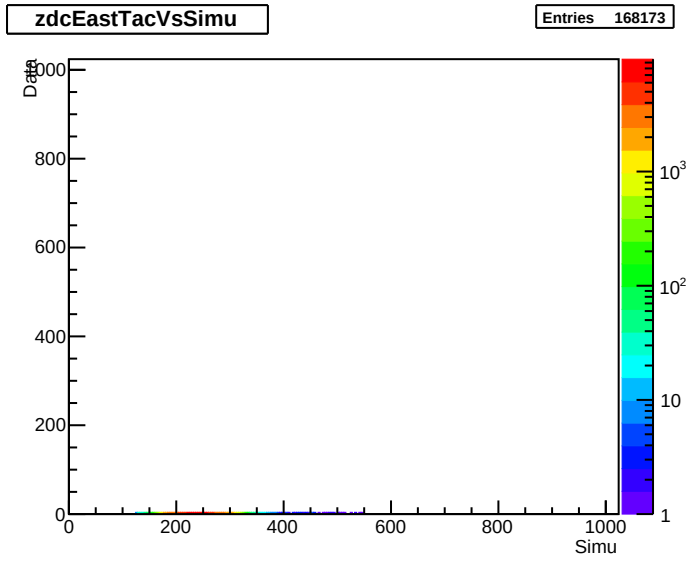

vpdWestNHits
Entries3433669

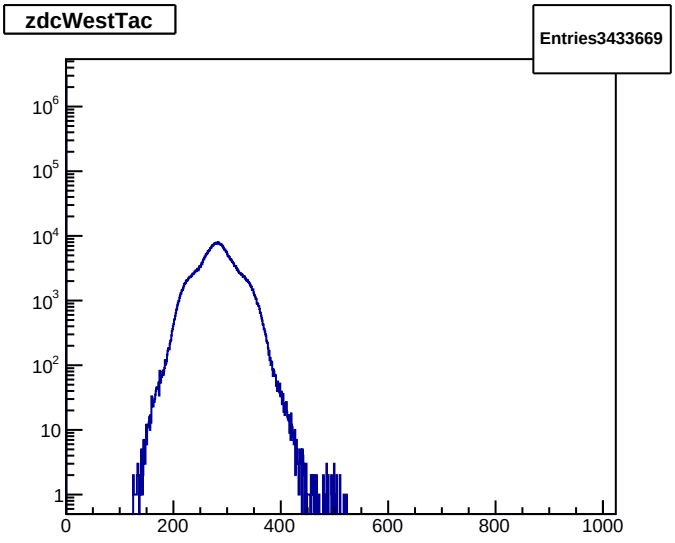

vpdWestNHitsVsSimu
Entries 2460600

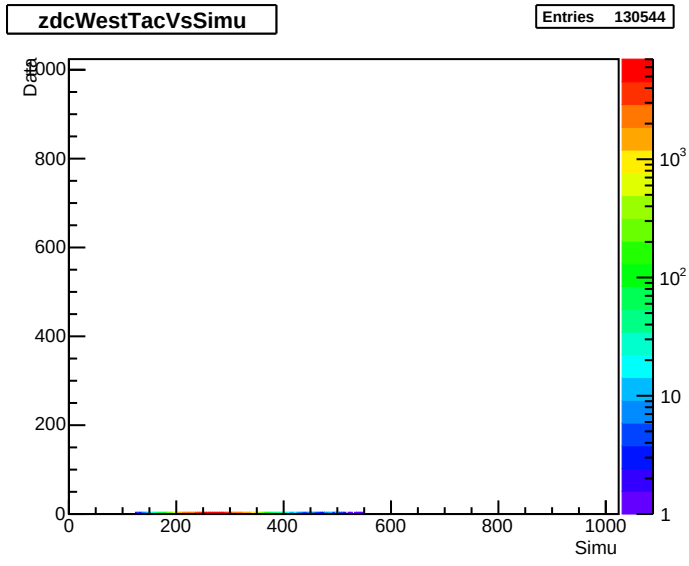

vpdWestTacSum
Entries3433669

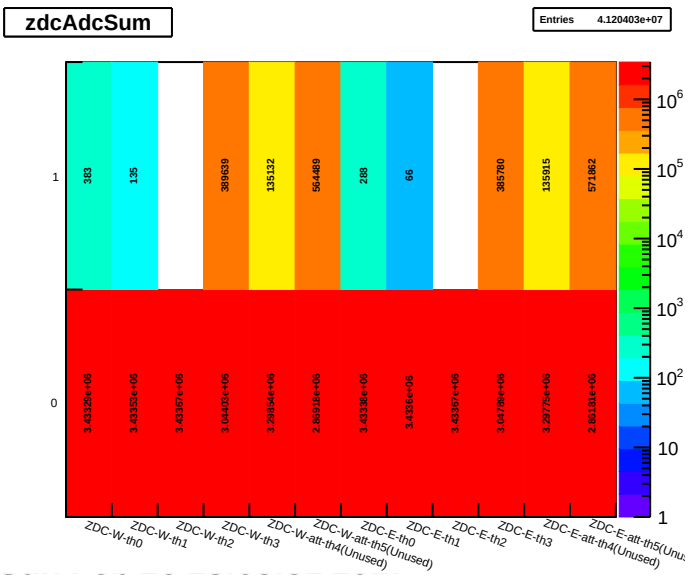

vpdWestTacSumVsSimu
Entries 2060185
Data
Simu

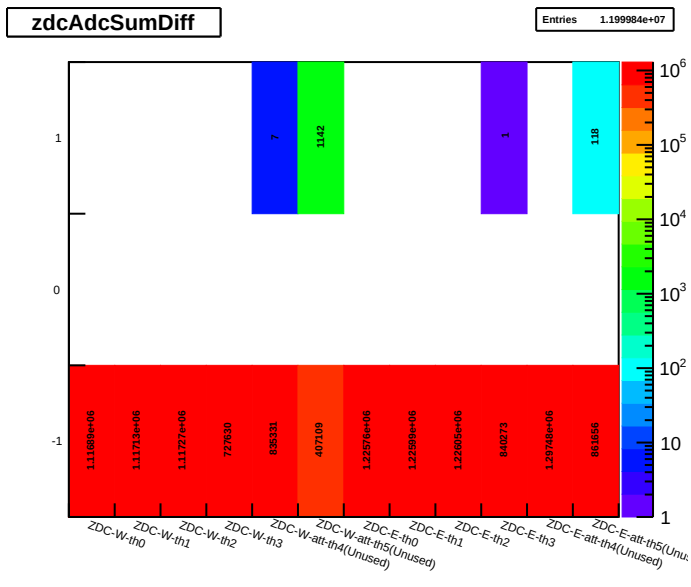

zdcEastTac
Entries3433669

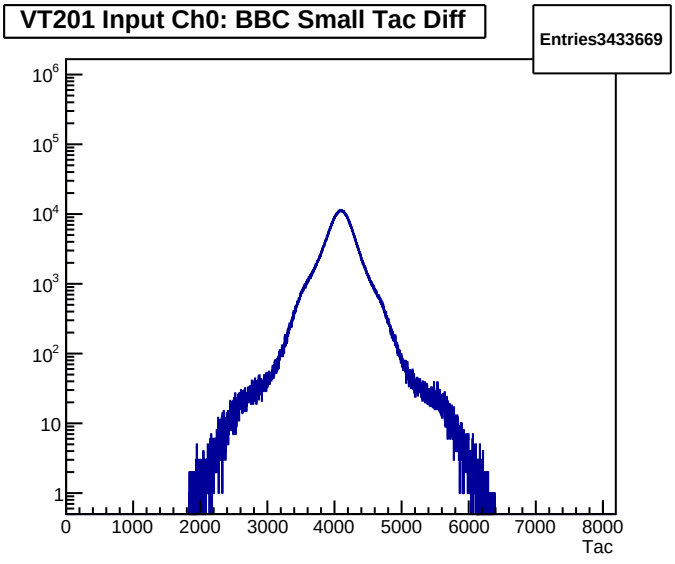

zdcEastTacVsSimu
Entries 168173
Data
Simu

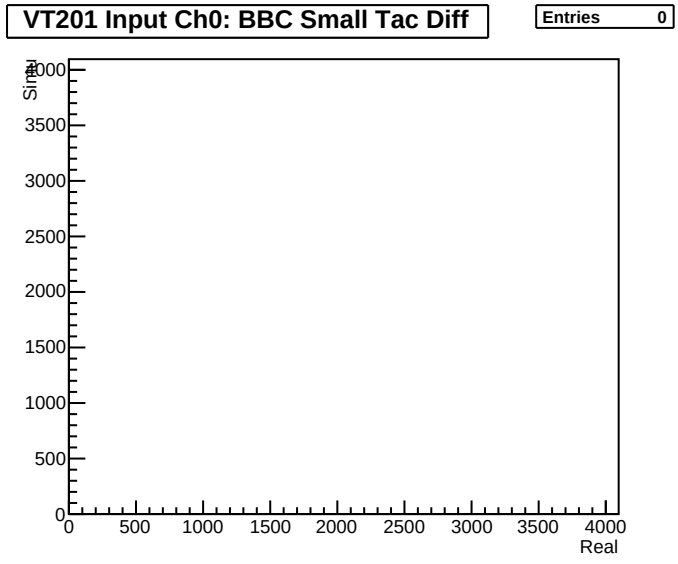

zdcWestTac
Entries3433669

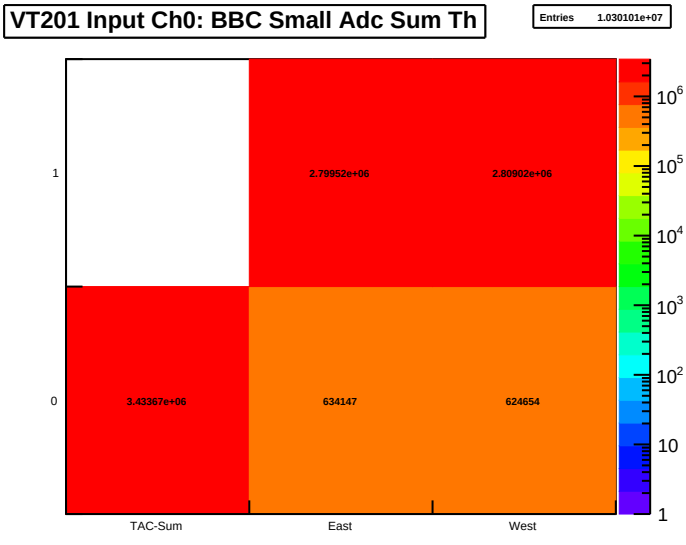

zdcWestTacVsSimu
Entries 130544
Data
Simu

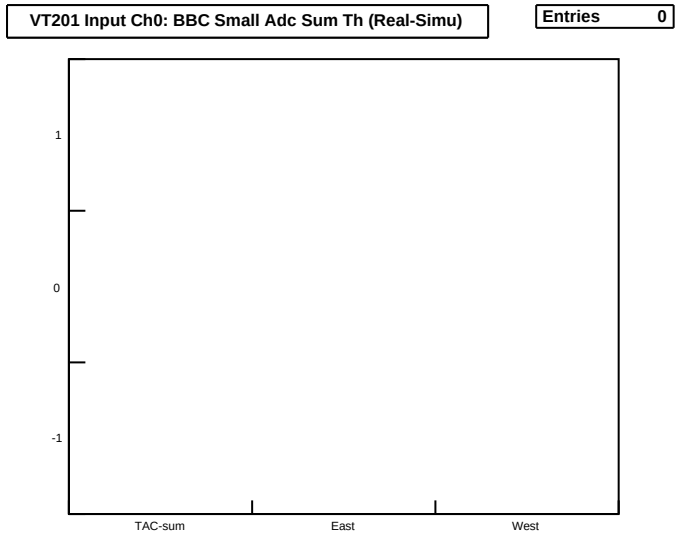

zdcAdcSum
Entries 4.120403e+07
383
135
389639
135132
564489
288
66
385780
135915
571862
3.43328e+06
3.43353e+06
3.43367e+06
3.04403e+06
3.29854e+06
2.86918e+06
3.43338e+06
3.4336e+06
3.43367e+06
3.04780e+06
3.29775e+06
2.86181e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

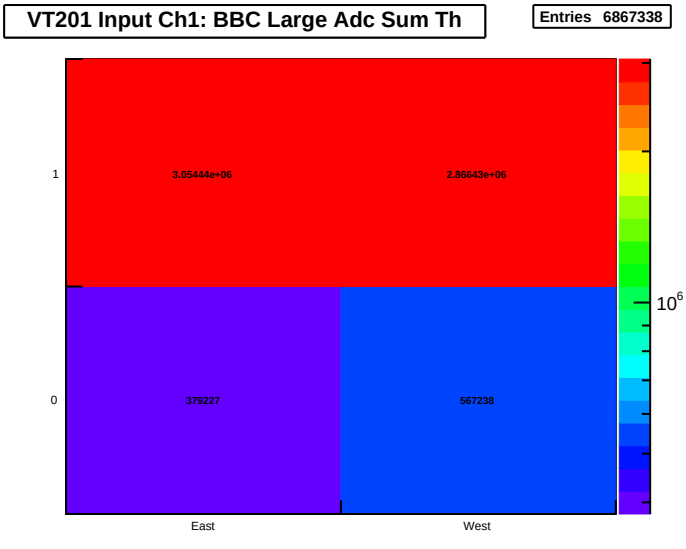

zdcAdcSumDiff
Entries 1.199984e+07
7
1142
1
118
1.11689e+06
1.11713e+06
1.11727e+06
727630
835331
407109
1.22576e+06
1.22599e+06
1.22805e+06
840273
1.29748e+06
861656
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

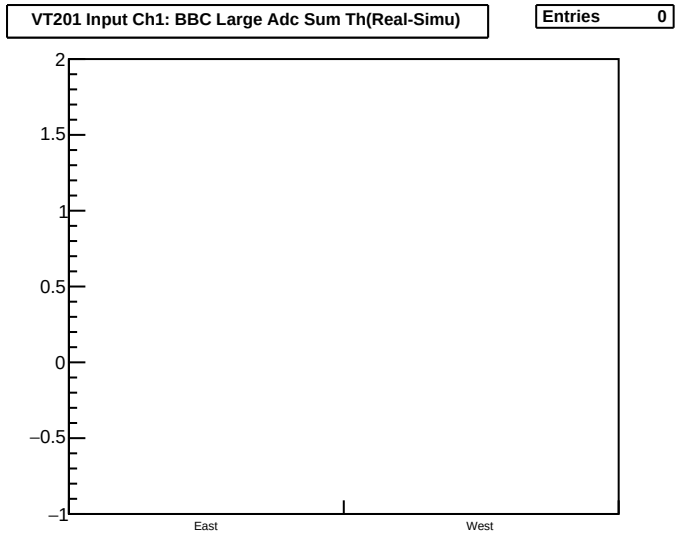

VT201 Input Ch0: BBC Small Tac Diff
Entries3433669
Tac


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

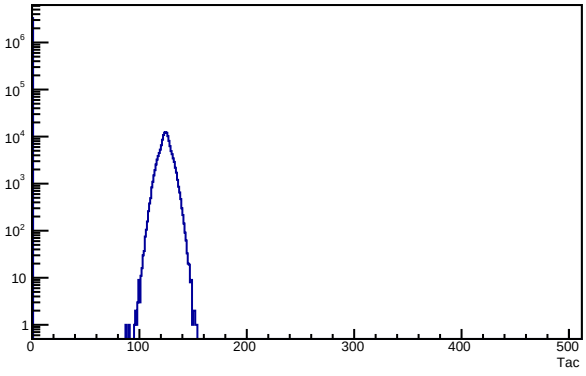

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.030101e+07
2.79952e+06
2.80902e+06
3.43367e+06
634147
624654
TAC-Sum
East
West


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

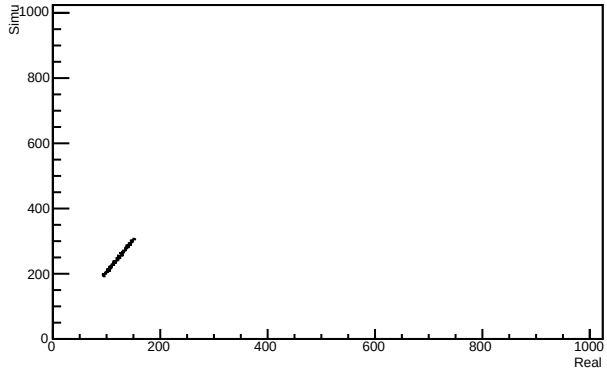

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6867338
3.05444e+06
2.86643e+06
379227
567238
East
West


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

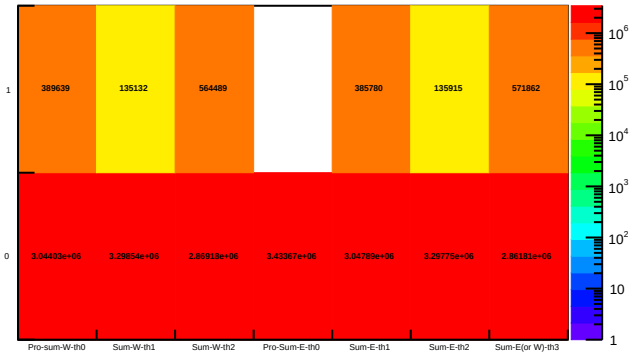
VT201 Input Ch2: ZDC Tac Diff



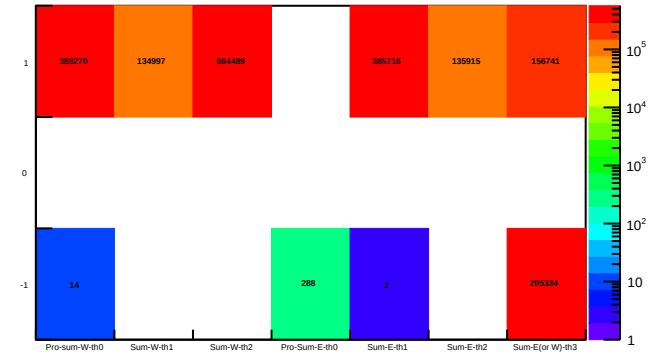
VT201 Input Ch2: ZDC Tac Diff



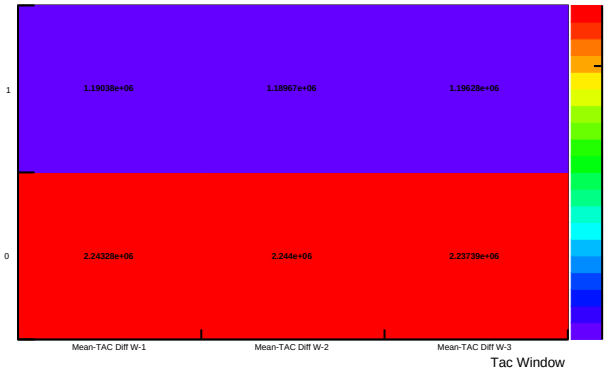
VT201 Input Ch2: ZDC Adc Sum Th



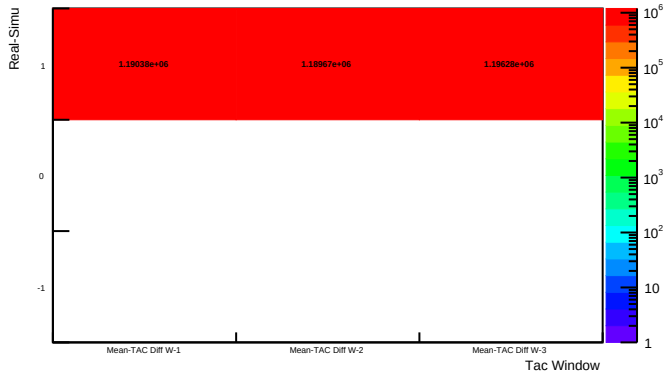
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



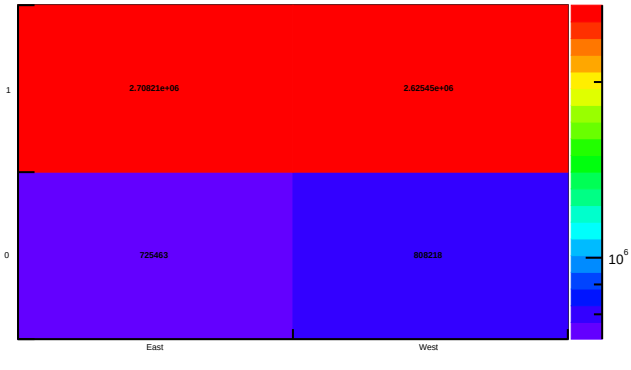
VT201 Input Ch4: VPD Tac Diff



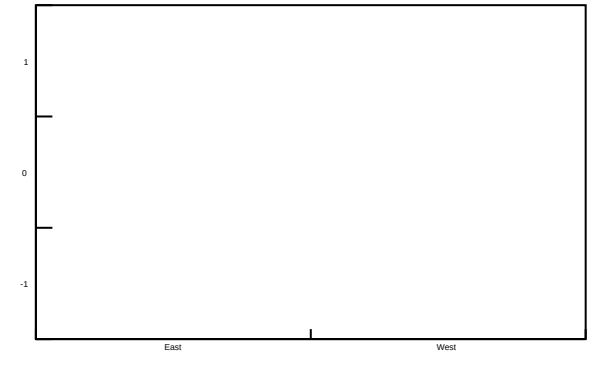
VT201 Input Ch4: VPD Tac Diff

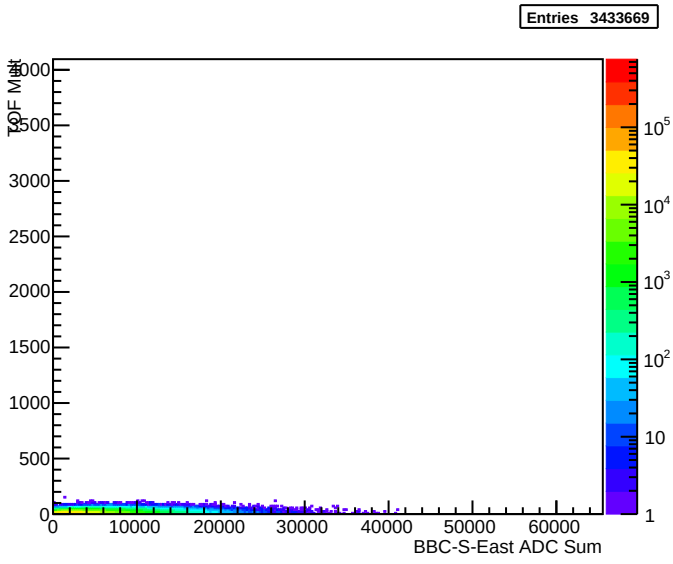


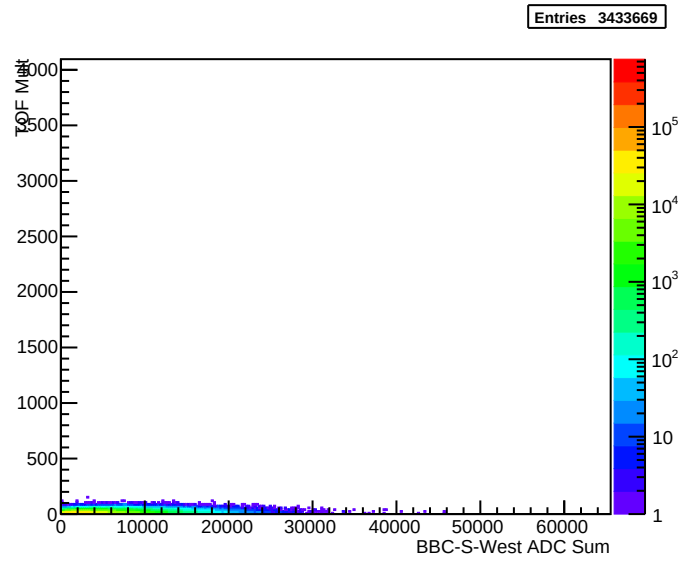
VT201 Input Ch4: VPD Adc Sum Th

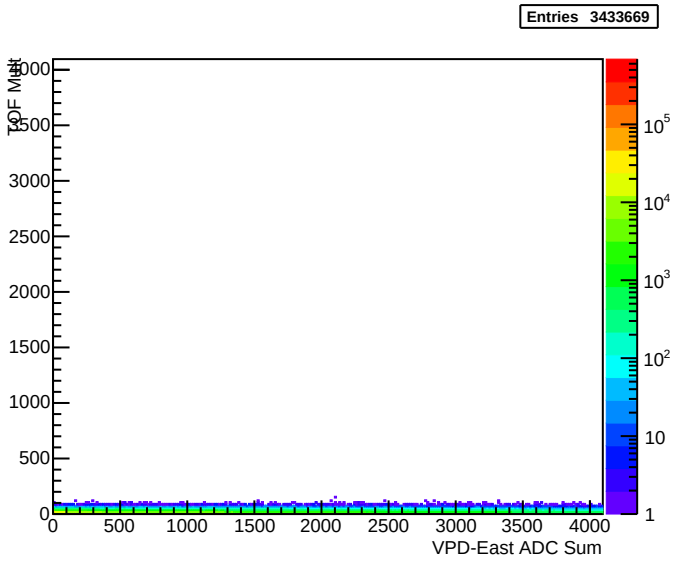


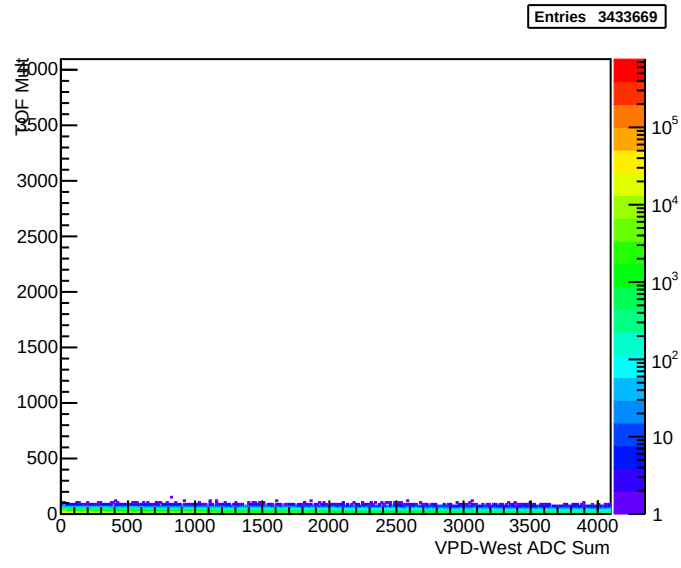
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

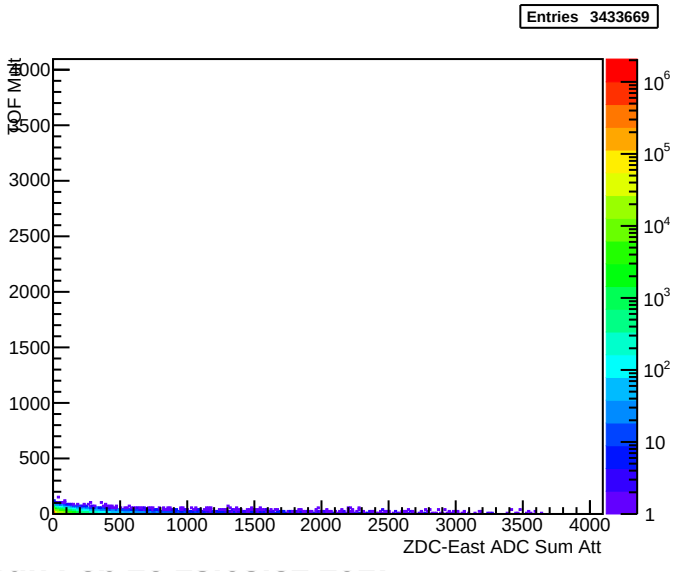


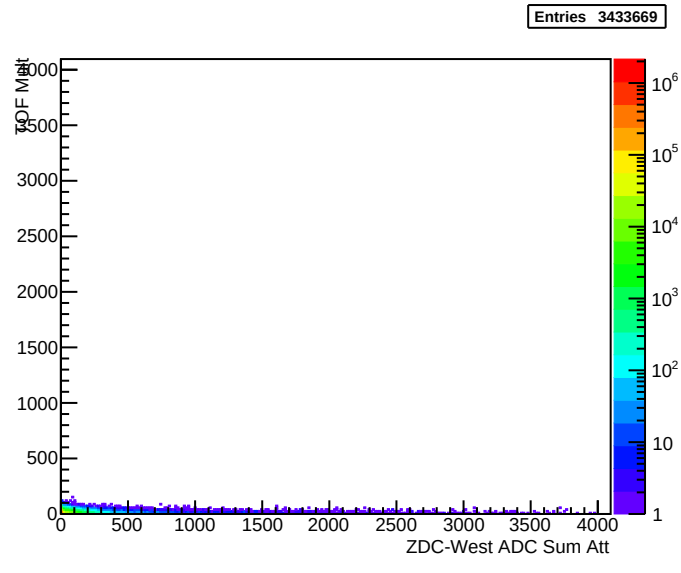

Entries 3433669
TOF Mult
BBC-S-East ADC Sum

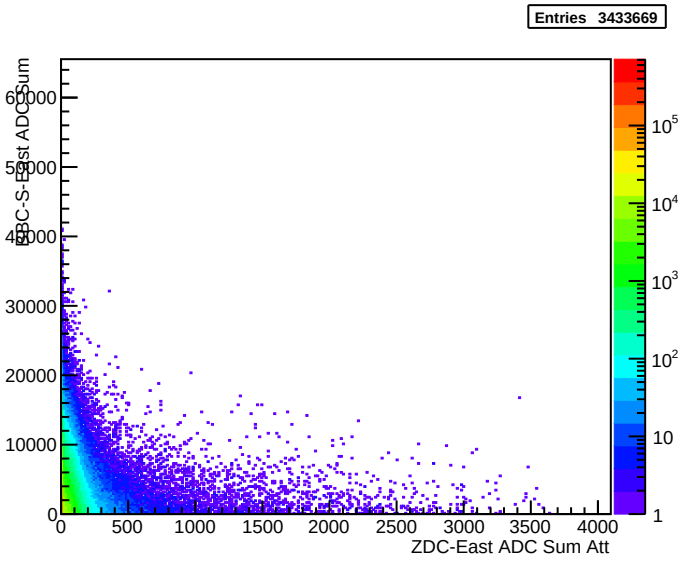

Entries 3433669
TOF Mult
BBC-S-West ADC Sum

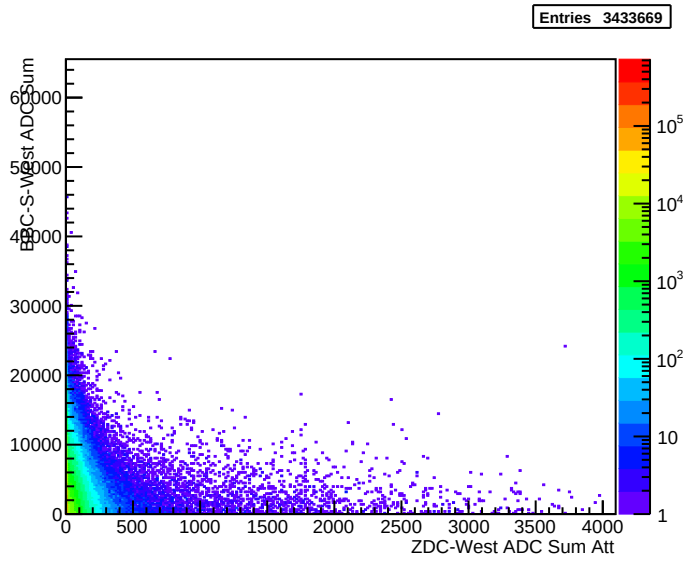

Entries 3433669
TOF Mult
VPD-East ADC Sum

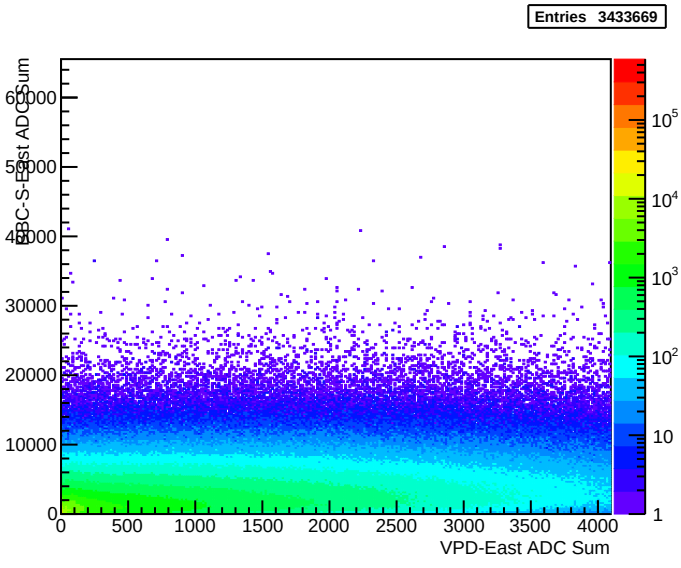

Entries 3433669
TOF Mult
VPD-West ADC Sum

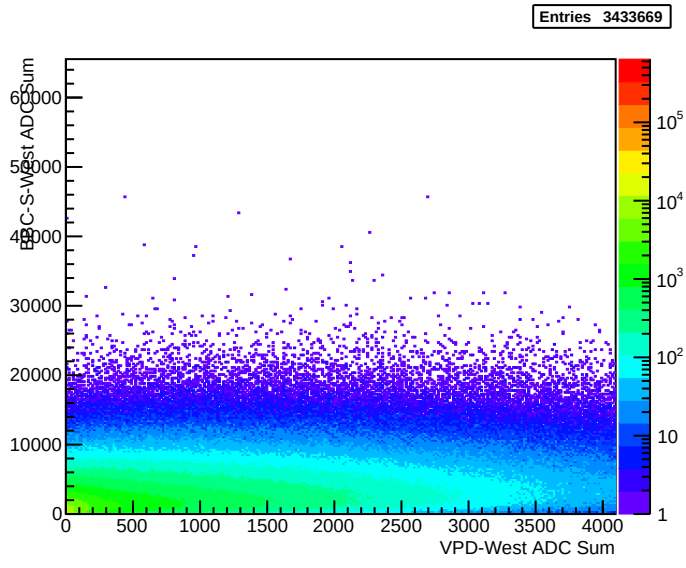

Entries 3433669
TOF Mult
ZDC-East ADC Sum Att

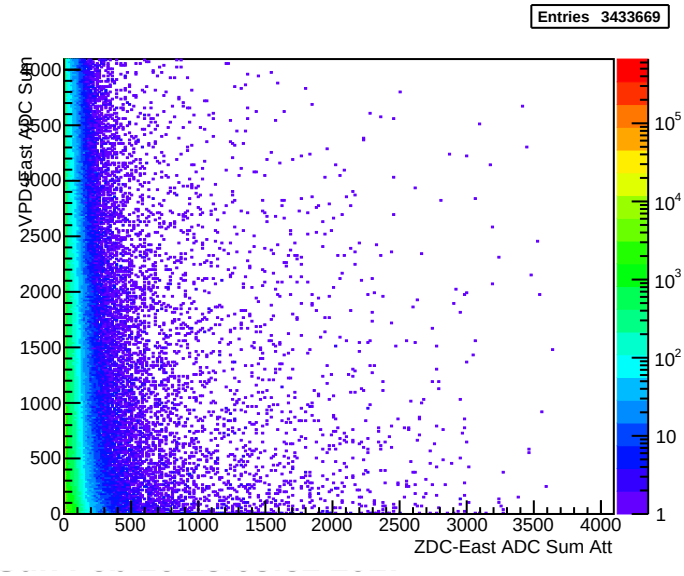

Entries 3433669
TOF Mult
ZDC-West ADC Sum Att

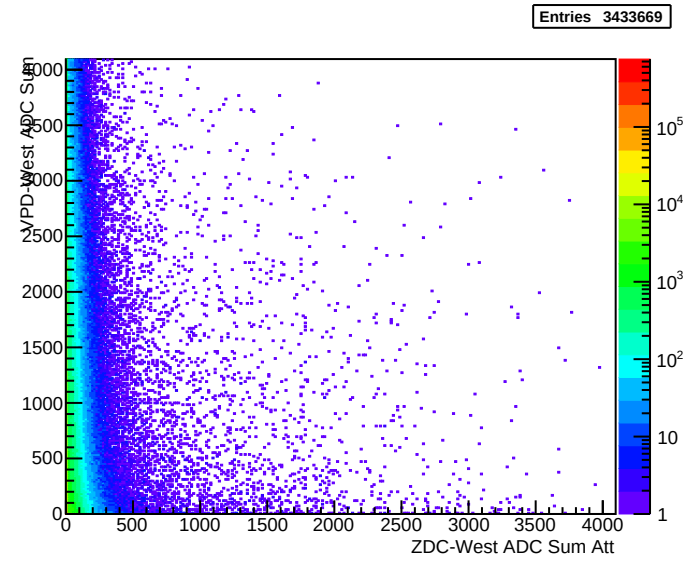

Entries 3433669
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

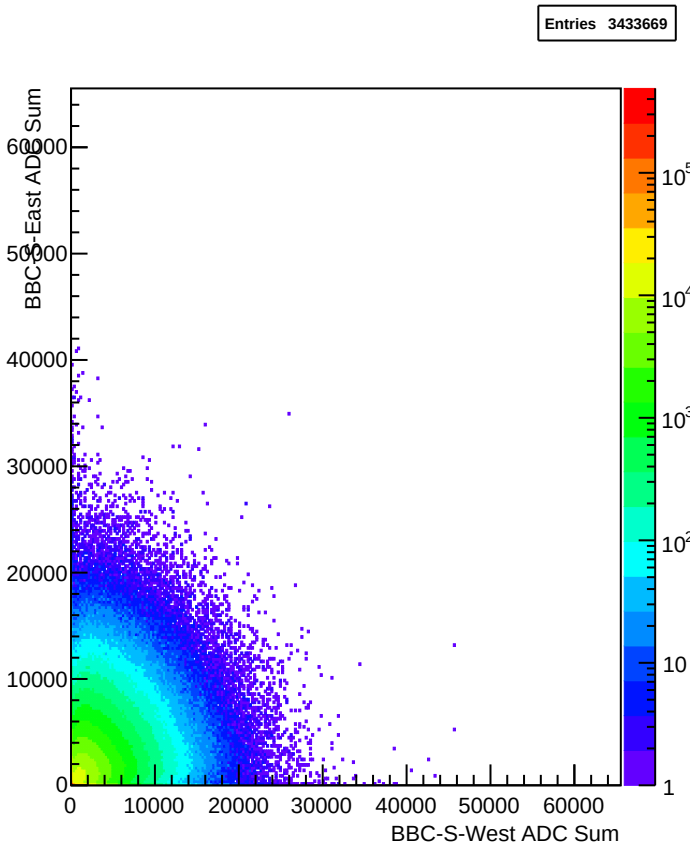

Entries 3433669
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

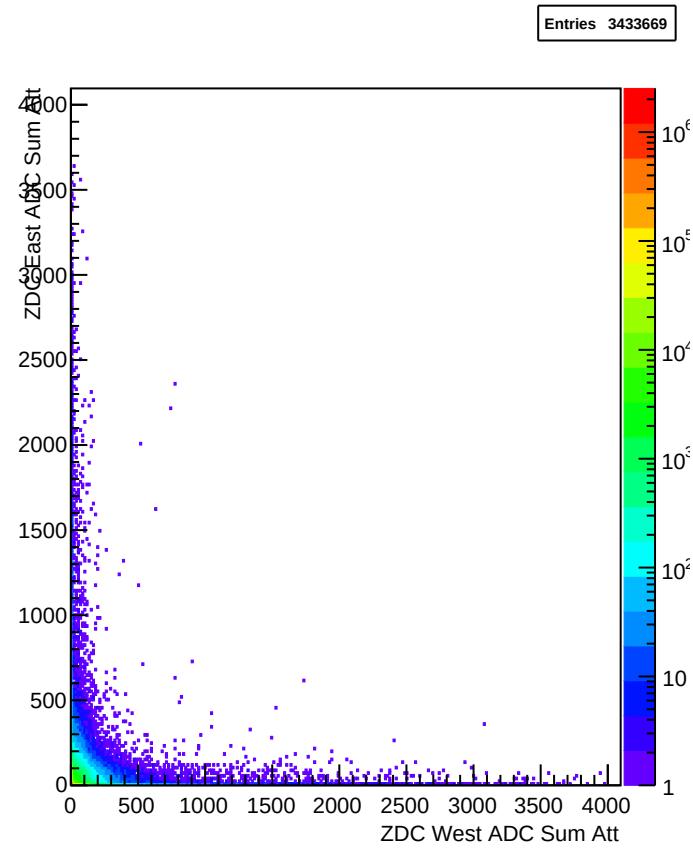

Entries 3433669
BBC-S-East ADC Sum
VPD-East ADC Sum

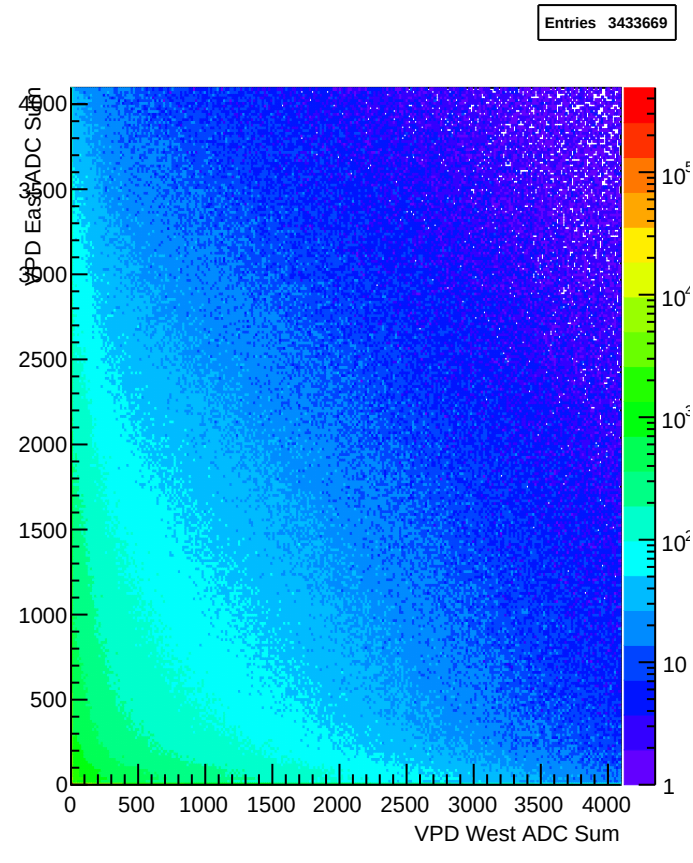

Entries 3433669
BBC-S-West ADC Sum
VPD-West ADC Sum

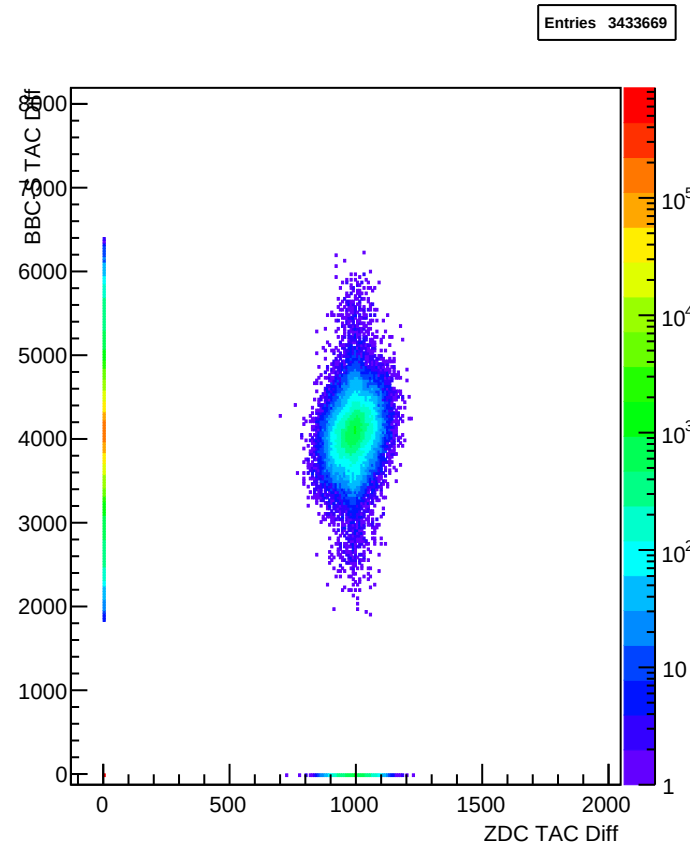

Entries 3433669
VPD-East ADC Sum
ZDC-East ADC Sum Att

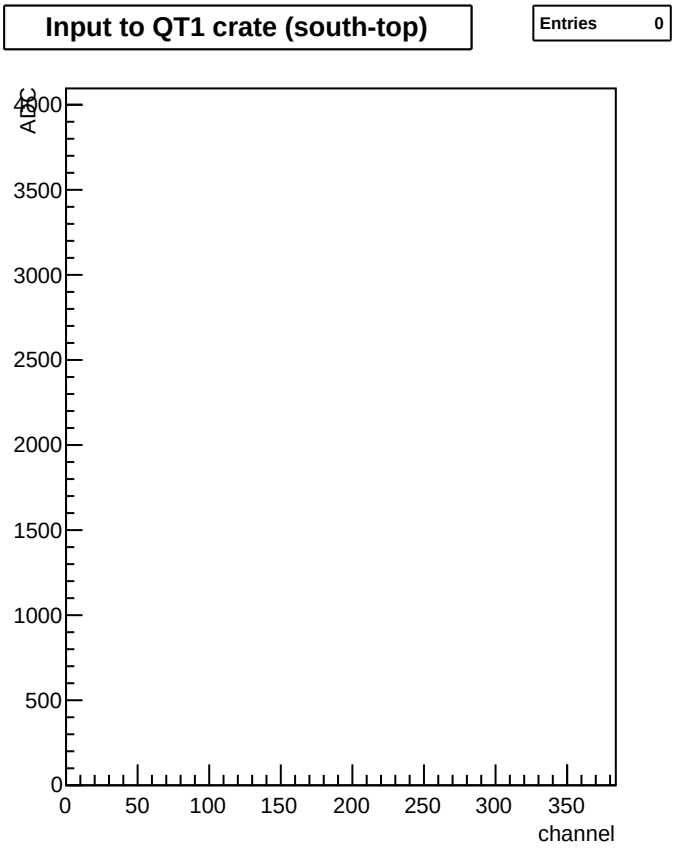

Entries 3433669
VPD-West ADC Sum
ZDC-West ADC Sum Att

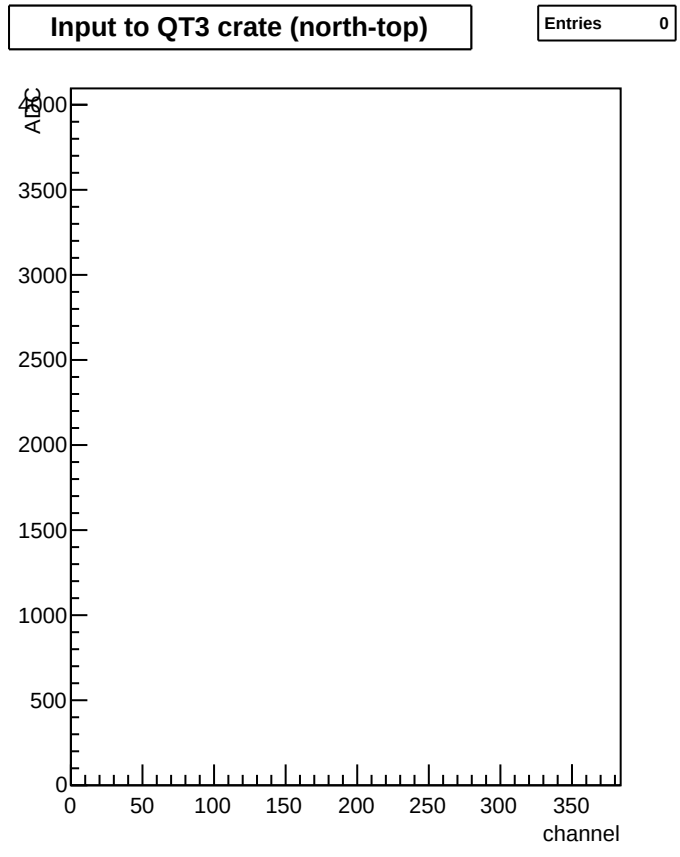

Entries 3433669
BBC-S-East ADC Sum
BBC-S-West ADC Sum

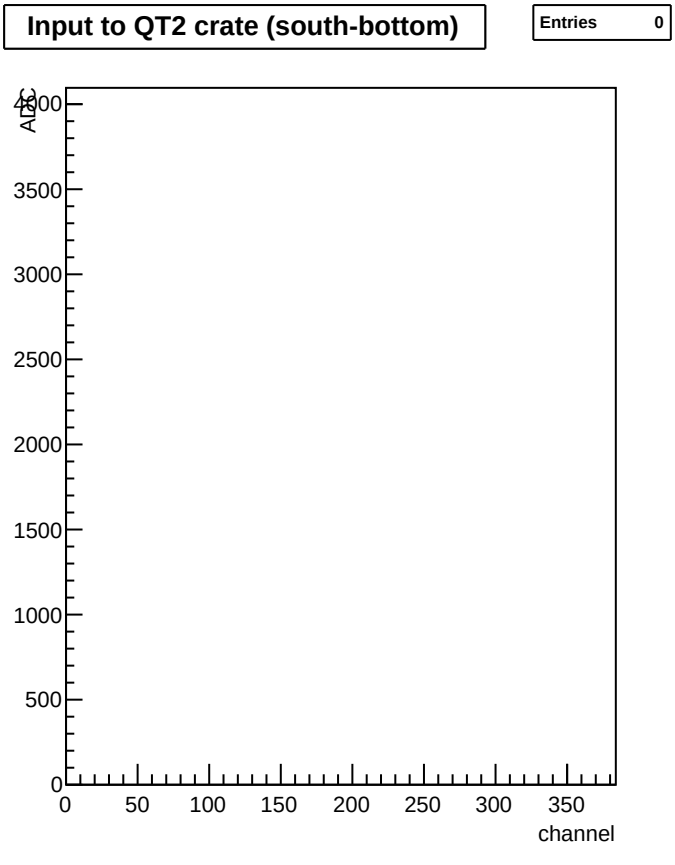

Entries 3433669
ZDC East ADC Sum Att
ZDC West ADC Sum Att

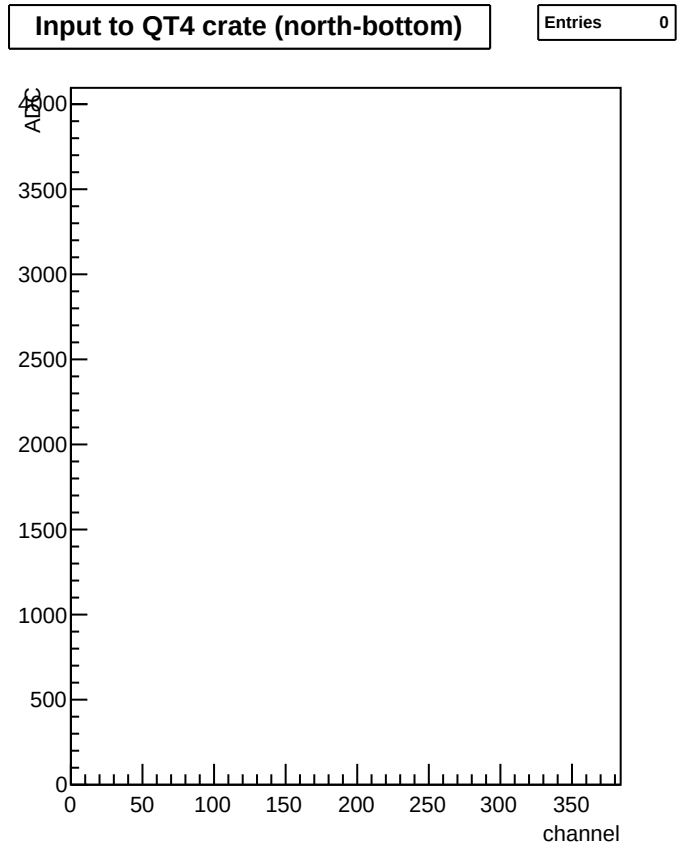

Entries 3433669
VPD East ADC Sum
VPD West ADC Sum

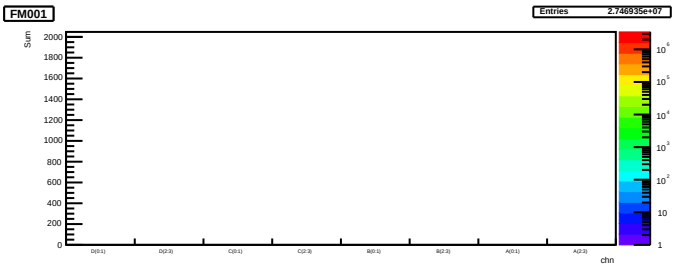

Entries 3433669
BBC-S TAC Diff
ZDC TAC Diff

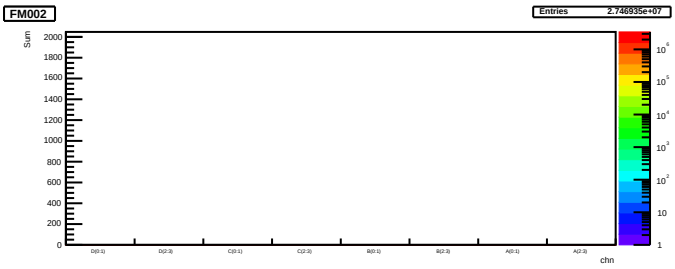

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

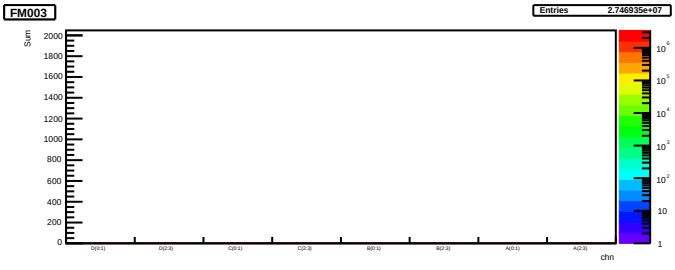

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

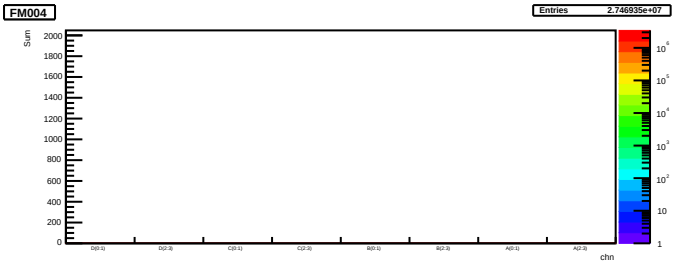

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

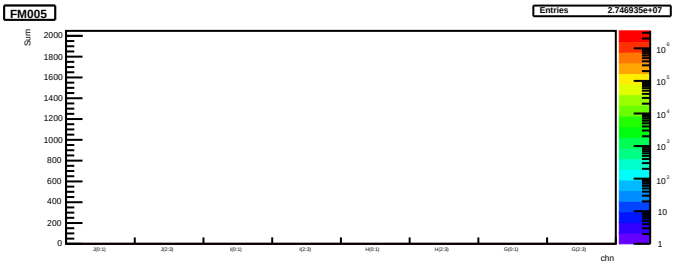

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

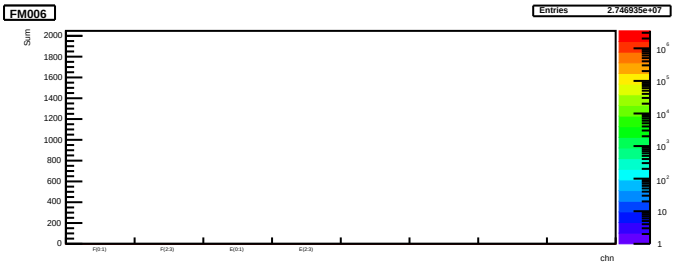

FM001
Entries 2.746935e+07
Sum
chn

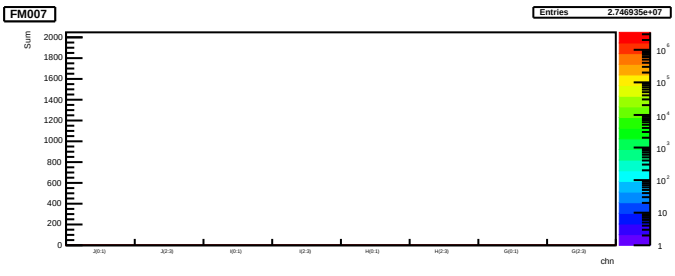

FM002
Entries 2.746935e+07
Sum
chn

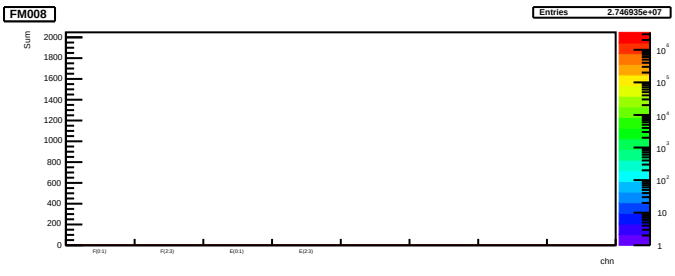

FM003
Entries 2.746935e+07
Sum
chn

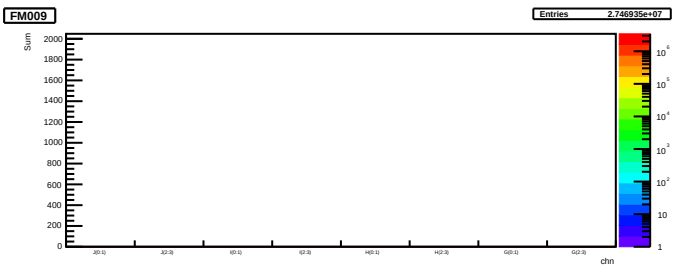

FM004
Entries 2.746935e+07
Sum
chn


FM005
Entries 2.746935e+07
Sum
chn


FM006
Entries 2.746935e+07
Sum
chn


FM007
Entries 2.746935e+07
Sum
chn


FM008
Entries 2.746935e+07
Sum
chn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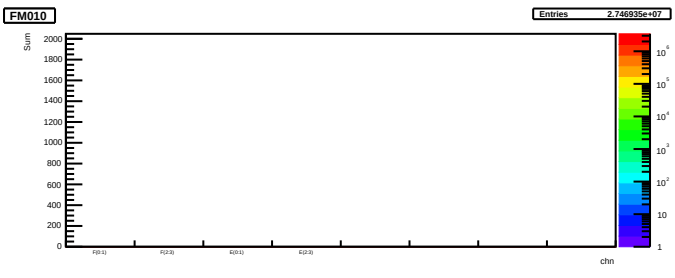
Entries 2.746935e+07
Sum
chn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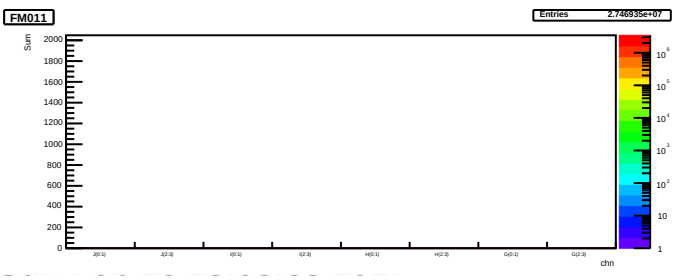
Entries 2.746935e+07
Sum
chn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Entries 2.746935e+07
Sum
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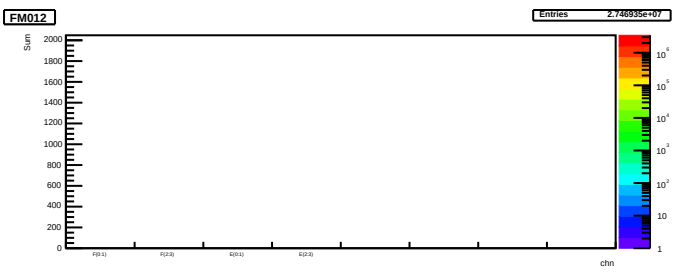
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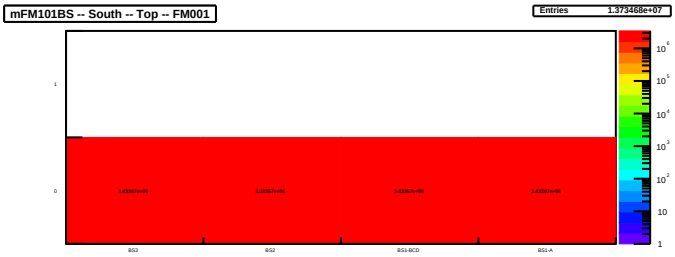
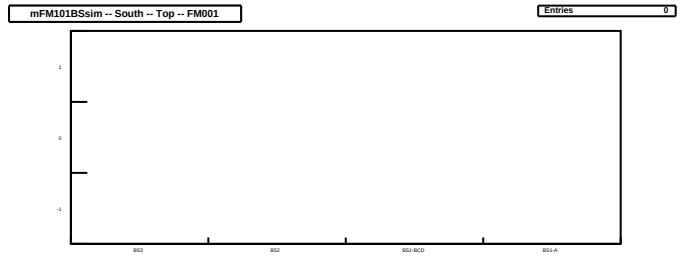
chn


mFM101BS -- South -- Top -- FM001
Entries 1.373468e+07
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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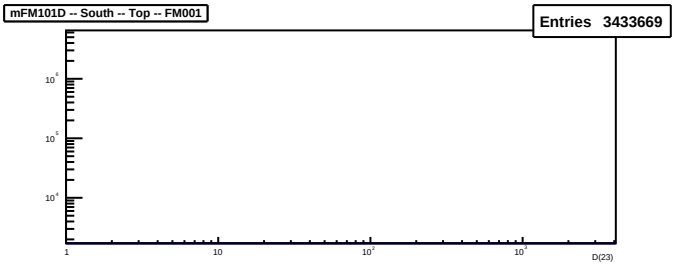
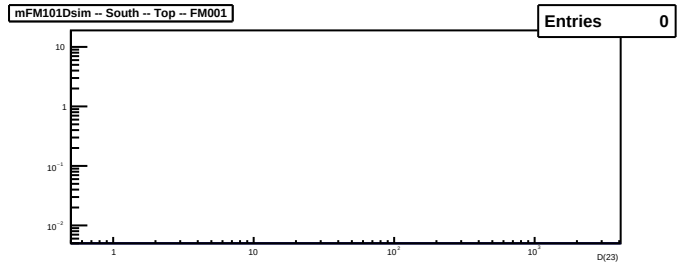
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 3433669
D(23)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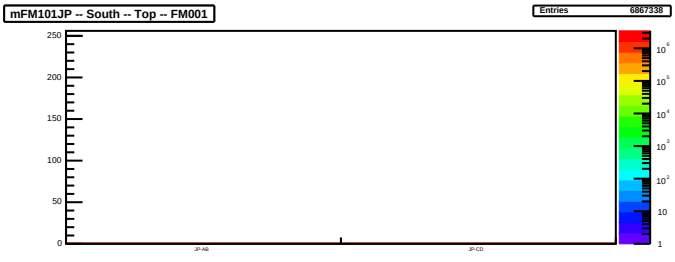
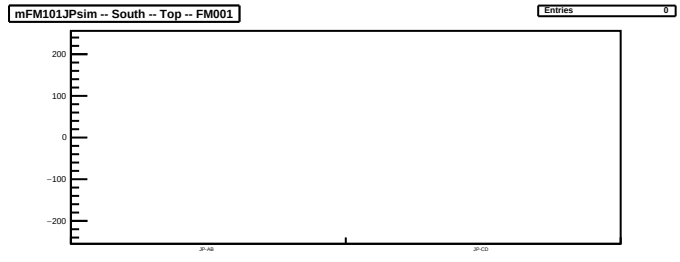
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 6867338
JP-AB
JP-CD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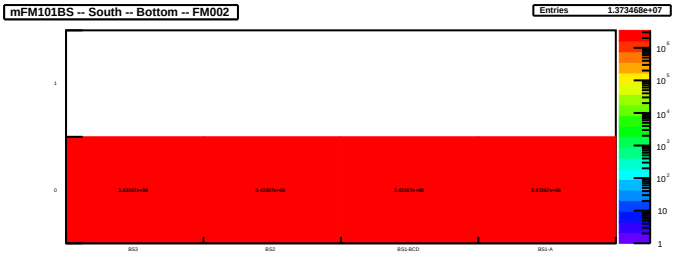
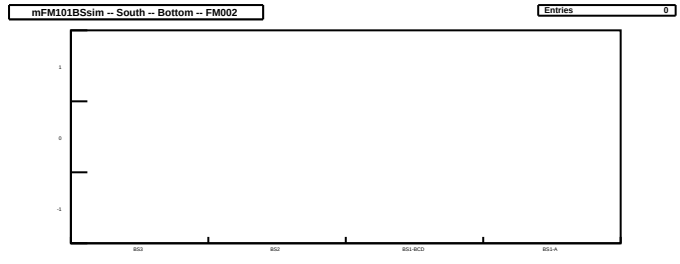
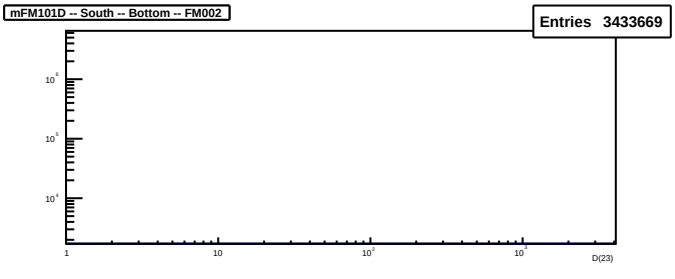
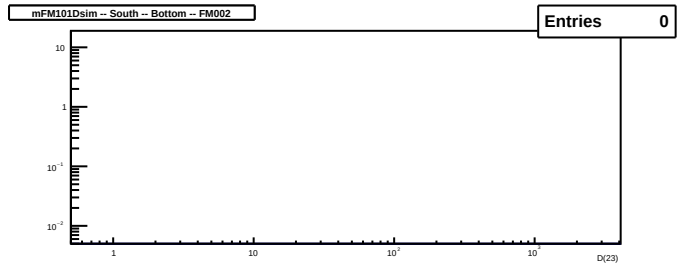
Entries 0
JP-AB
JP-CD

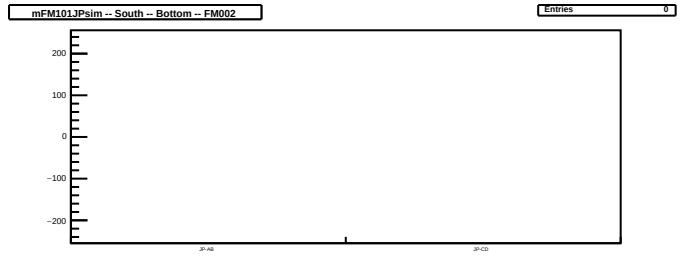

mFM101BS -- South -- Bottom -- FM002
Entries 1.373468e+07
BS3
BS2
BS1-BCD
BS1-A


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


mFM101D -- South -- Bottom -- FM002
Entries 3433669
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 6867338
JP-AB
JP-CD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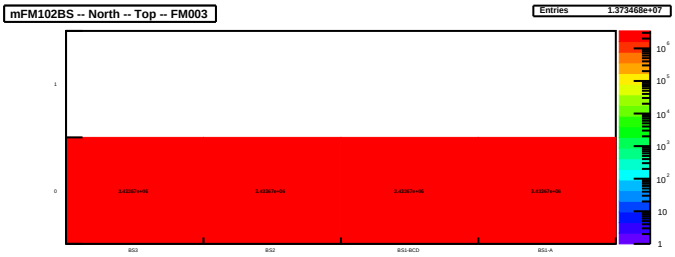
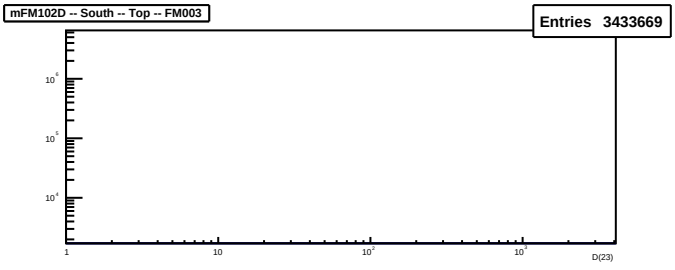
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.373468e+07
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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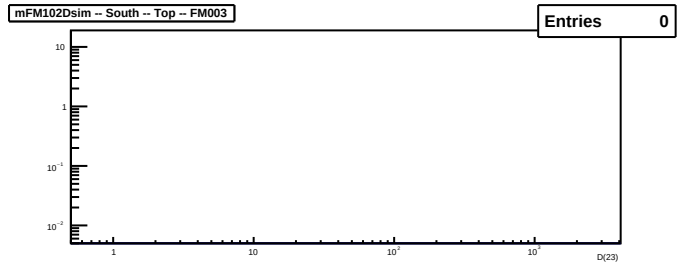
Entries 3433669
D(23)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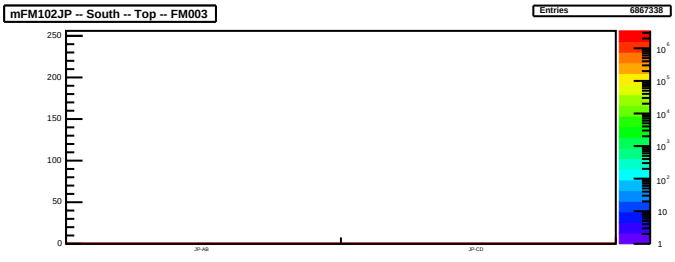
Entries 0
D(23)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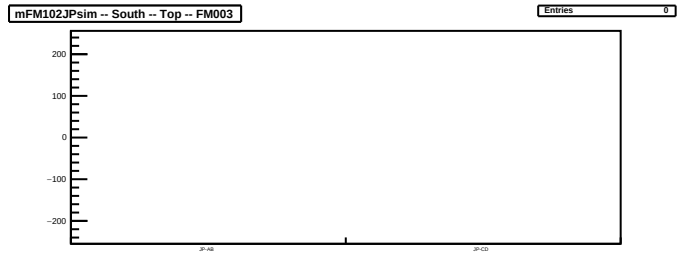
Entries 6867338
JP-AB
JP-CD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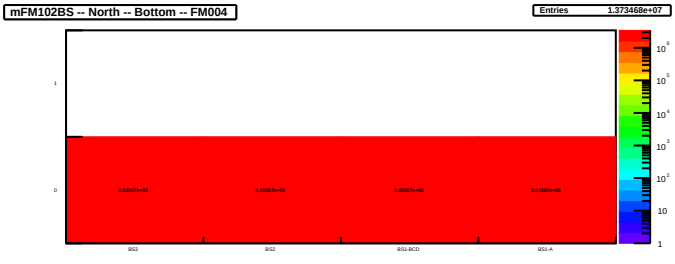
Entries 0
JP-AB
JP-CD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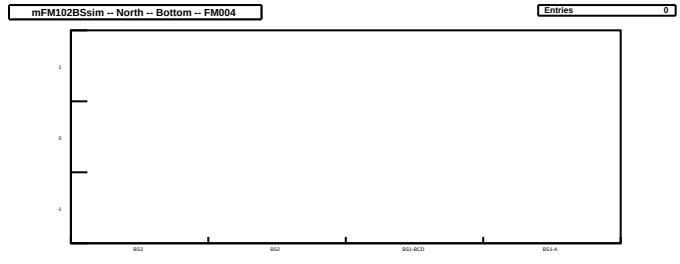
Entries 1.373468e+07
BS3
BS2
BS1-BCD
BS1-A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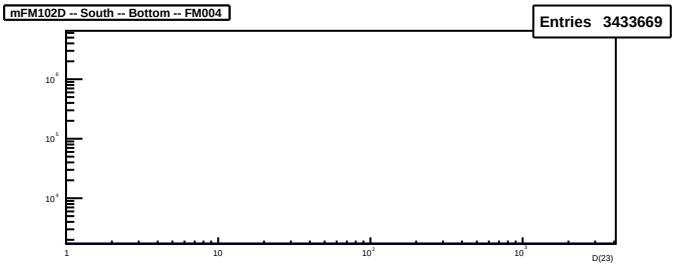
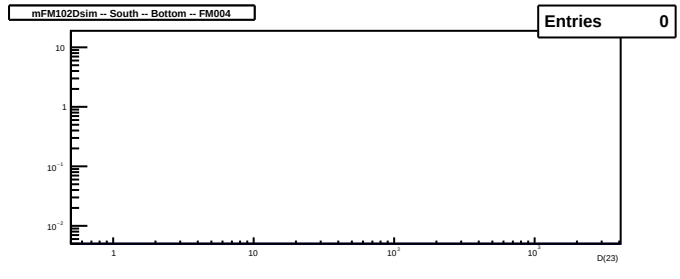
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 3433669
D(23)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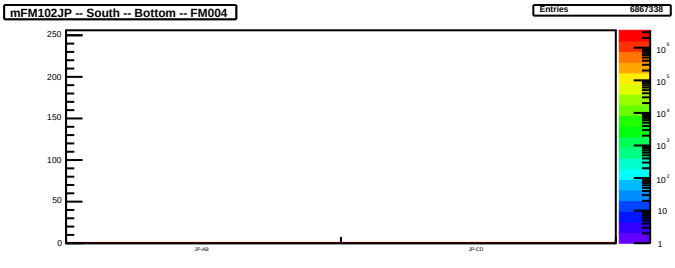
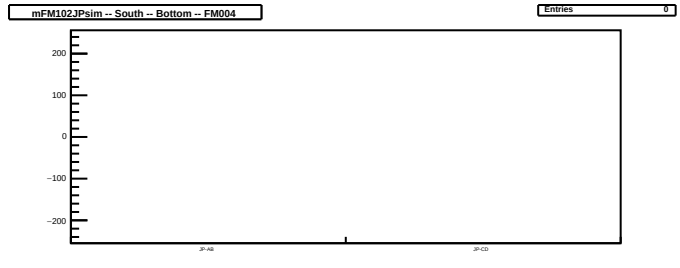
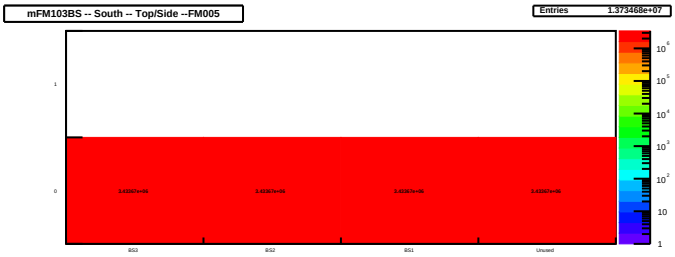
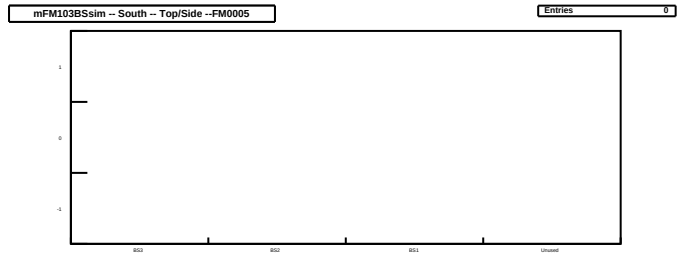
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 6867338
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 1.373468e+07
BS3
BS2
BS1
Unused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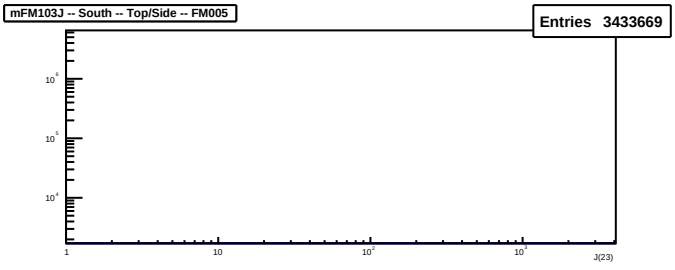
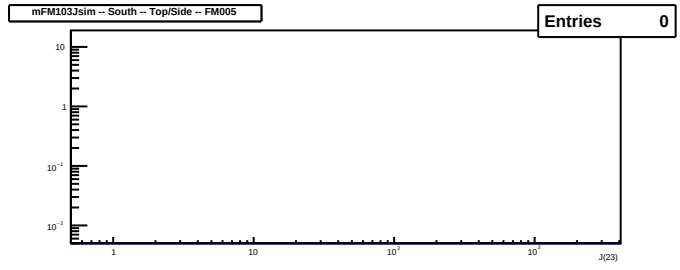
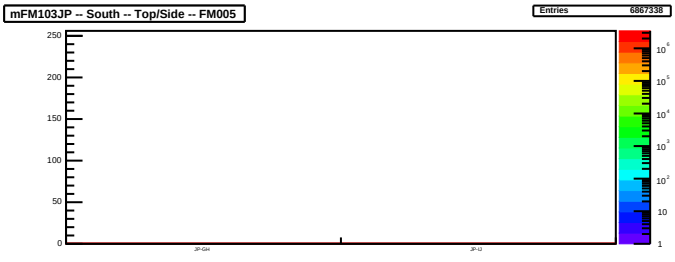
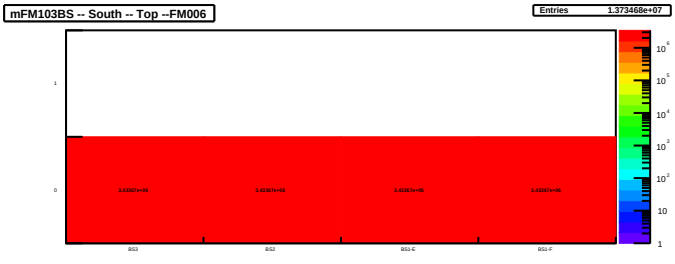
Entries 0
BS3
BS2
BS1
Unused

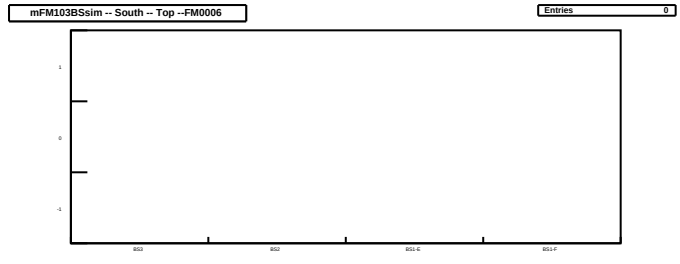

mFM103J -- South -- Top/Side -- FM005
Entries 3433669
J(23)

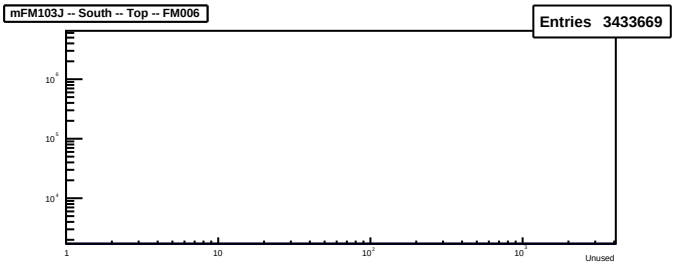

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

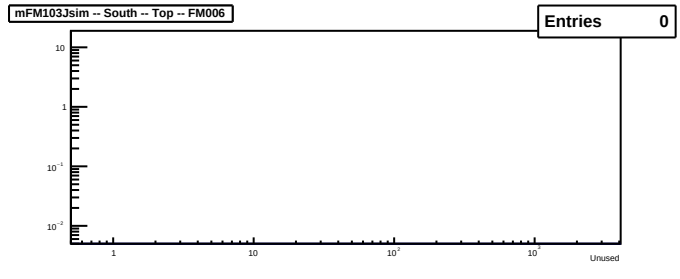

mFM103JP -- South -- Top/Side -- FM005
Entries 6867338
JP-GH
JP-IJ

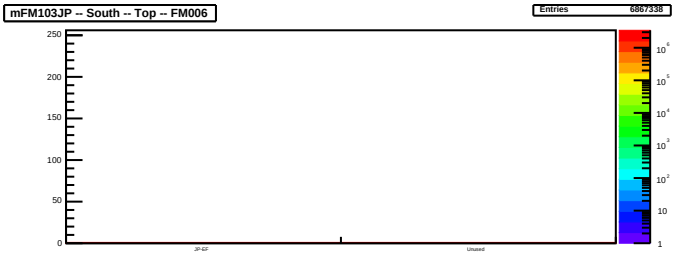
mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

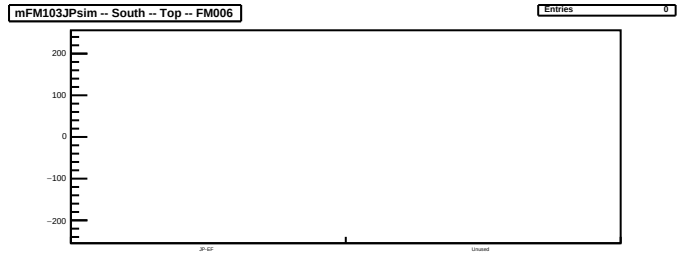

mFM103BS -- South -- Top --FM006
Entries 1.373468e+07
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 3433669
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 6867338
JP-EF
Unused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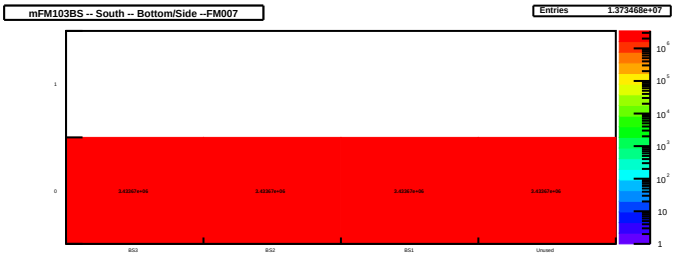
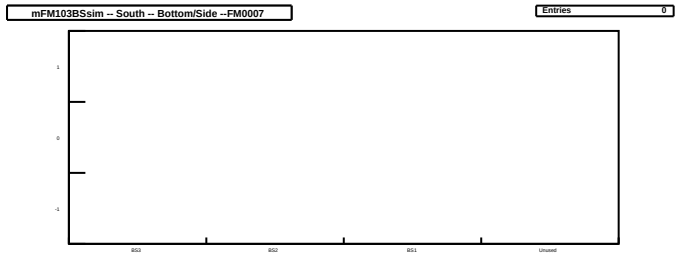
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 1.373468e+07
3.43367e+06
3.43367e+06
3.43367e+06
3.43367e+06
BS3
BS2
BS1
Unused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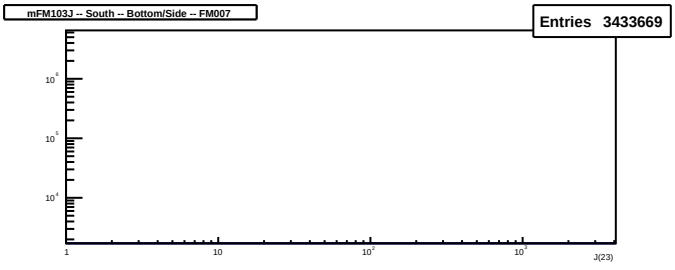
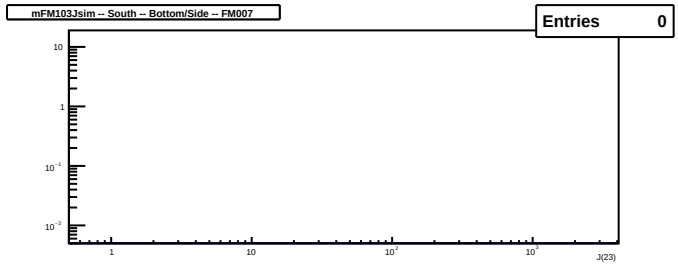
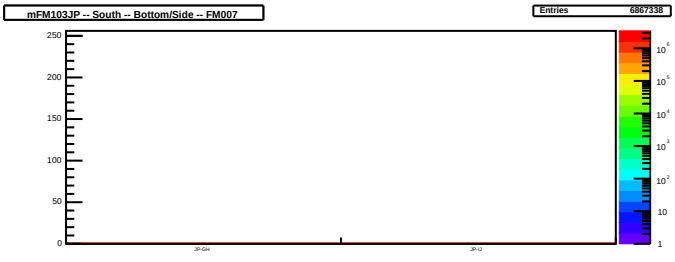
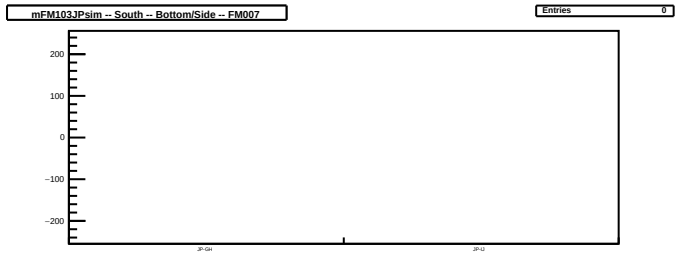
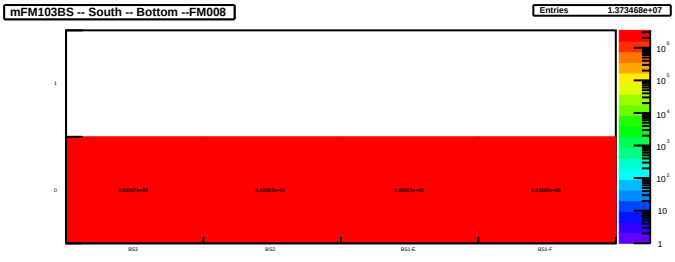
Entries 0
BS3
BS2
BS1
Unused

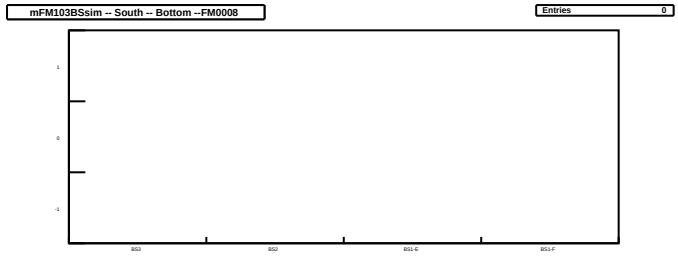

mFM103J -- South -- Bottom/Side -- FM007
Entries 3433669
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 6867338
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 1.373468e+07
3.43367e+06
3.43367e+06
3.43367e+06
3.43367e+06
BS3
BS2
BS1-E
BS1-F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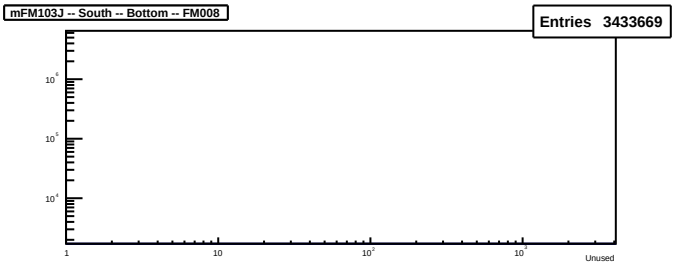
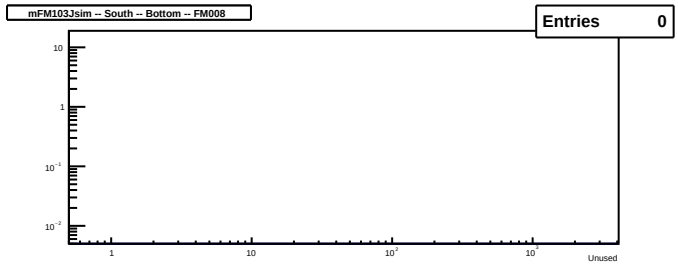
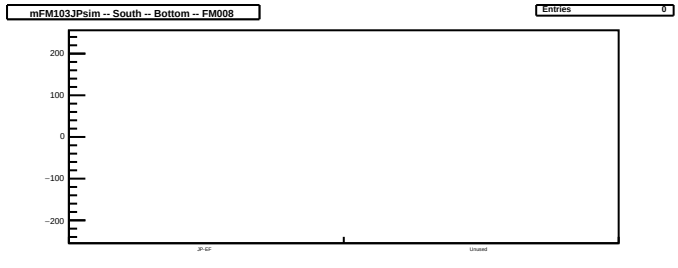
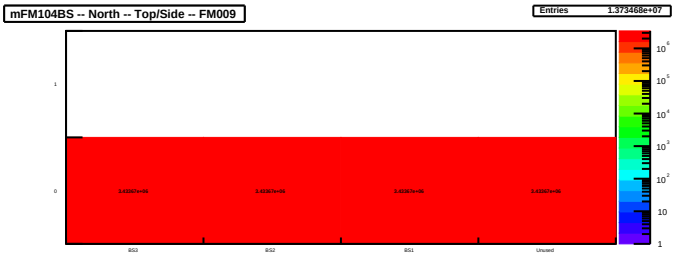
Entries 0
BS3
BS2
BS1-E
BS1-F

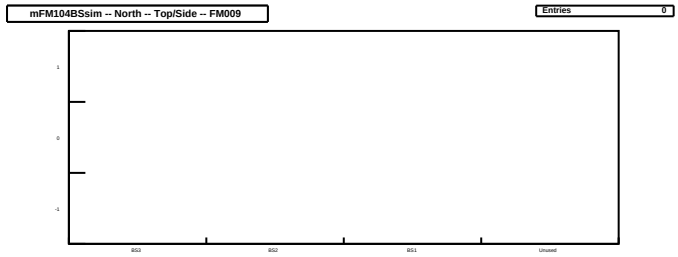

mFM103J -- South -- Bottom -- FM008
Entries 3433669
Unused

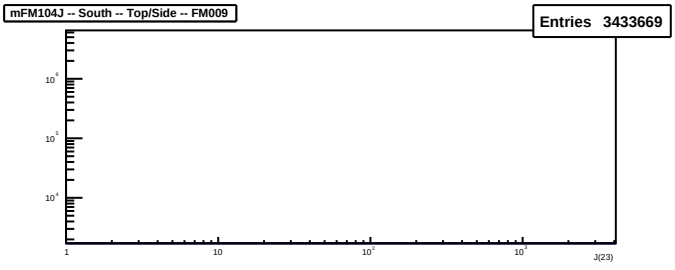

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

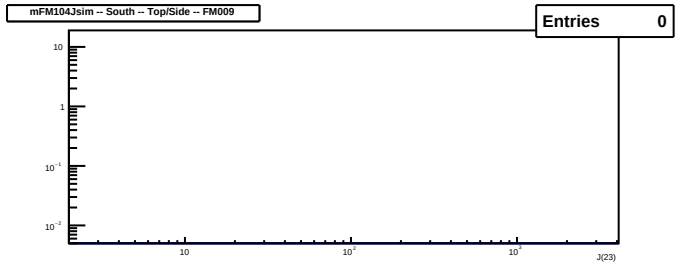
mFM103JP -- South -- Bottom -- FM008
Entries 6867338
JP-EF
Unused

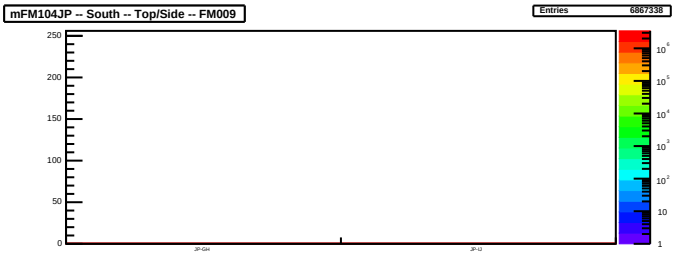

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

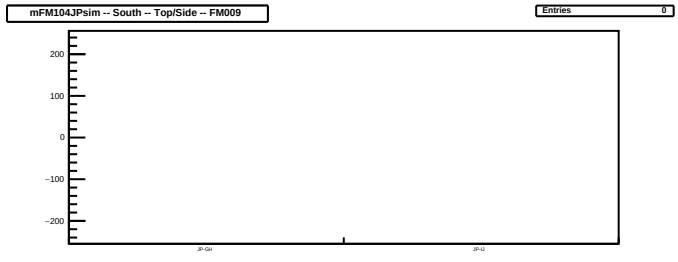

mFM104BS -- North -- Top/Side -- FM009
Entries 1.373468e+07
3.43367e+06
3.43367e+06
3.43367e+06
3.43367e+06
BS3
BS2
BS1
Unused

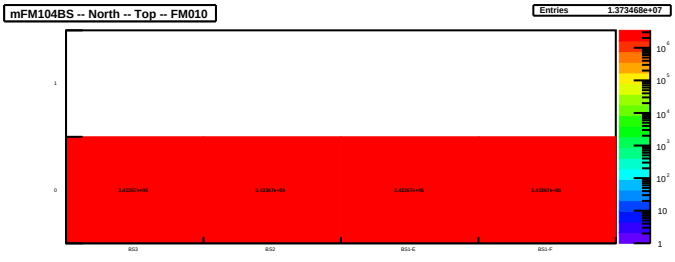

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

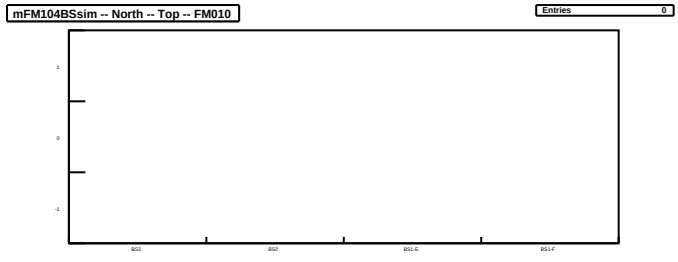

mFM104J -- South -- Top/Side -- FM009
Entries 3433669
J(23)

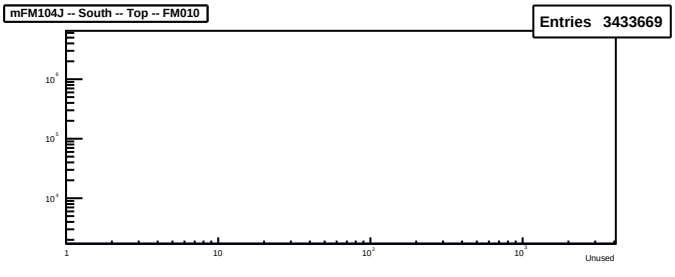

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

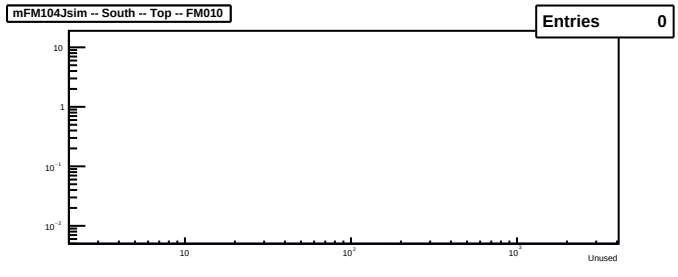

mFM104JP -- South -- Top/Side -- FM009
Entries 6867338
JP-GH
JP-IJ

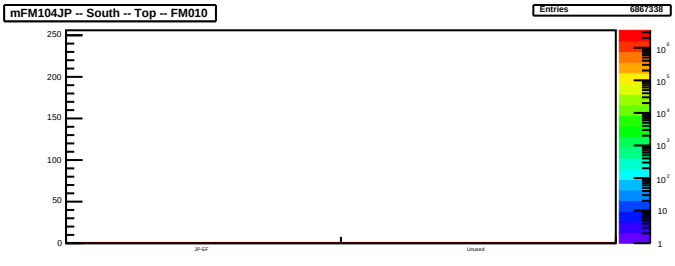

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 1.373468e+07
3.43367e+06
3.43367e+06
3.43367e+06
3.43367e+06
BS3
BS2
BS1-E
BS1-F

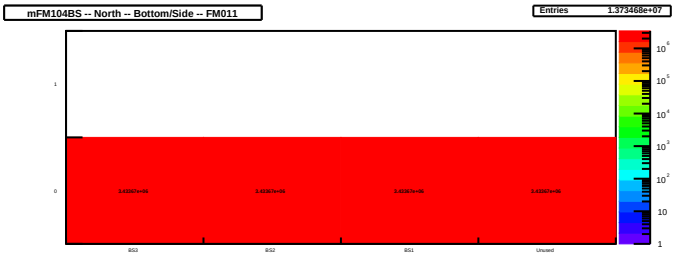

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

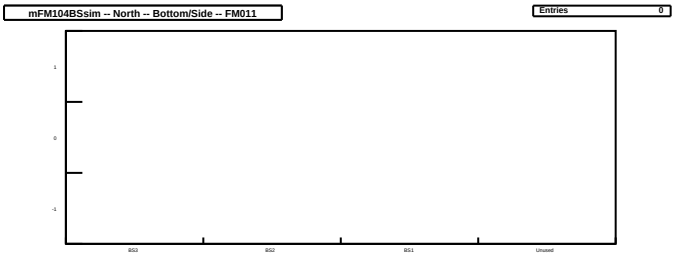

mFM104J -- South -- Top -- FM010
Entries 3433669
Unused

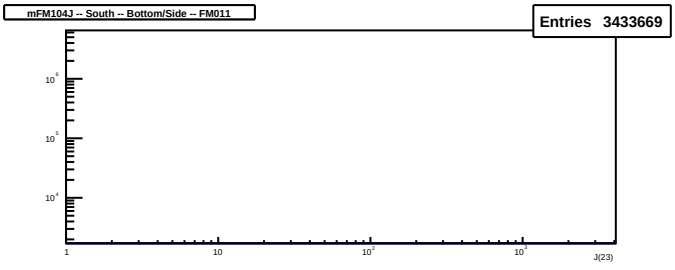

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

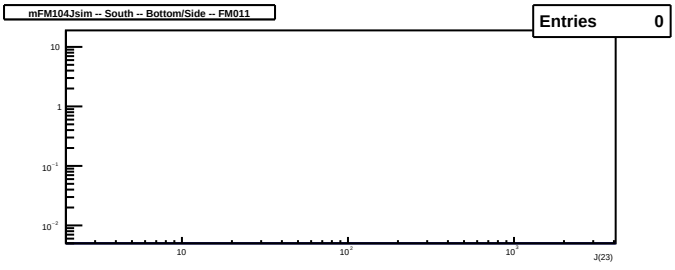

mFM104JP -- South -- Top -- FM010
Entries 6867338
JP-EF
Unused

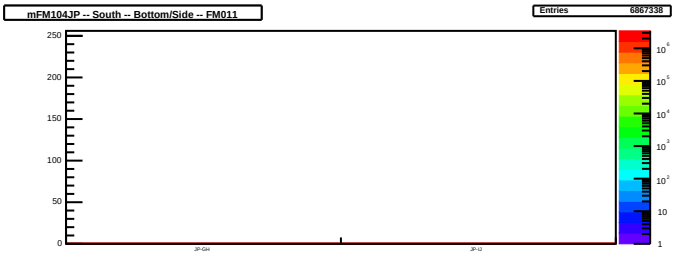
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

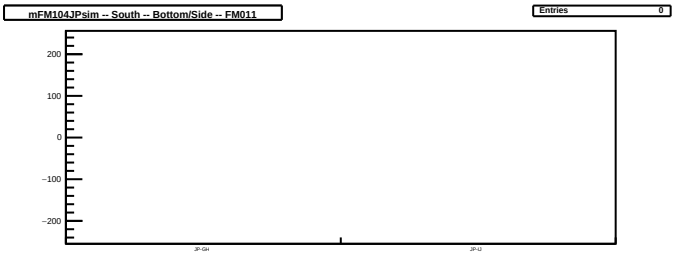

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.373468e+07
BS3
BS2
BS1
Unused

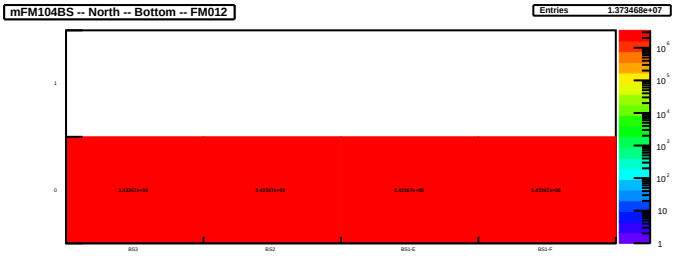

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

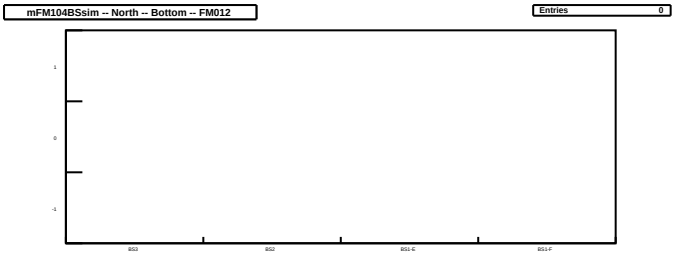

mFM104J -- South -- Bottom/Side -- FM011
Entries 3433669
J(23)

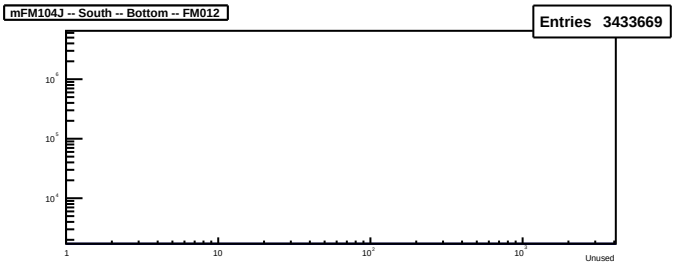

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

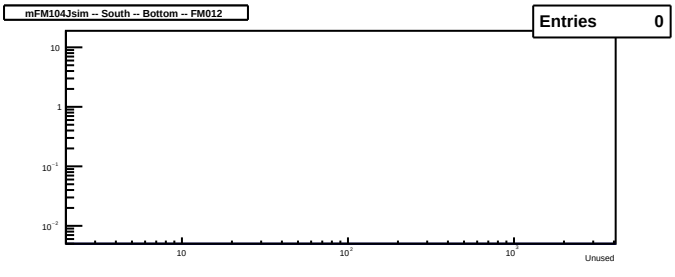

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6867338
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 1.373468e+07
BS3
BS2
BS1-E
BS1-F

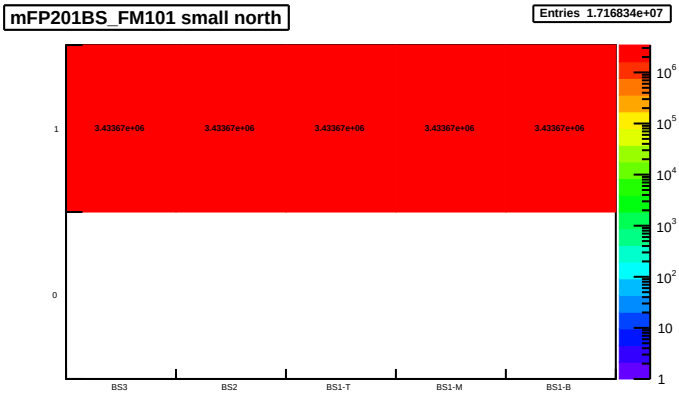

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

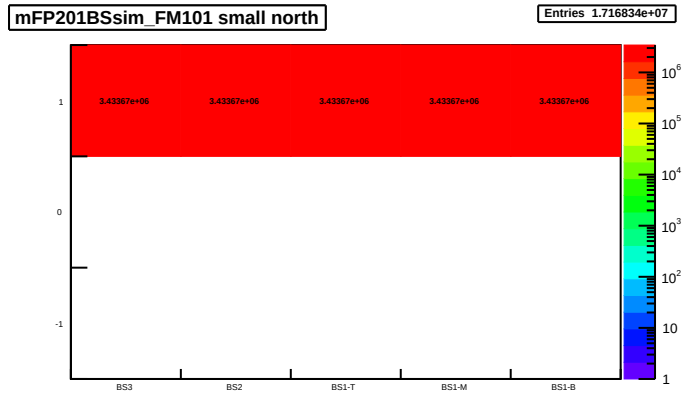

mFM104J -- South -- Bottom -- FM012
Entries 3433669
Unused

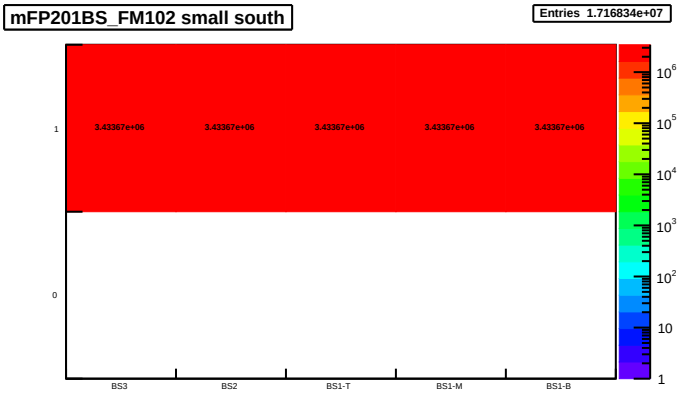

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

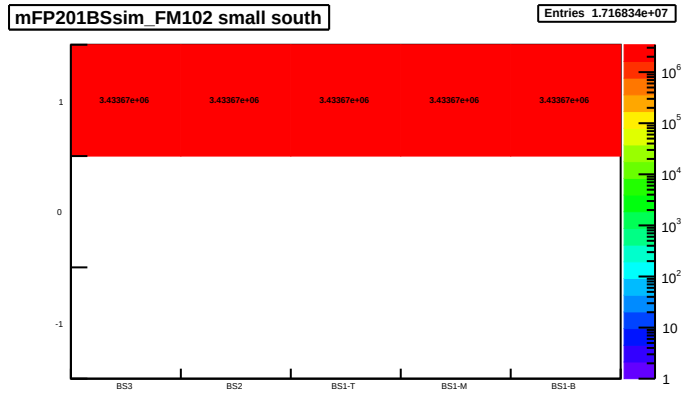
mFM104JP -- South -- Bottom -- FM012
Entries 6867338
JP-EF
Unused

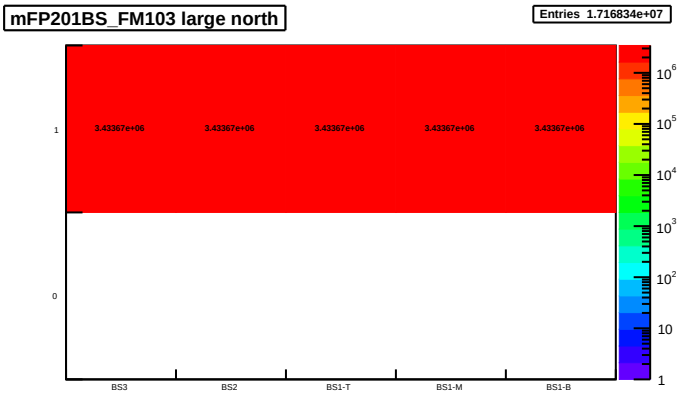
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

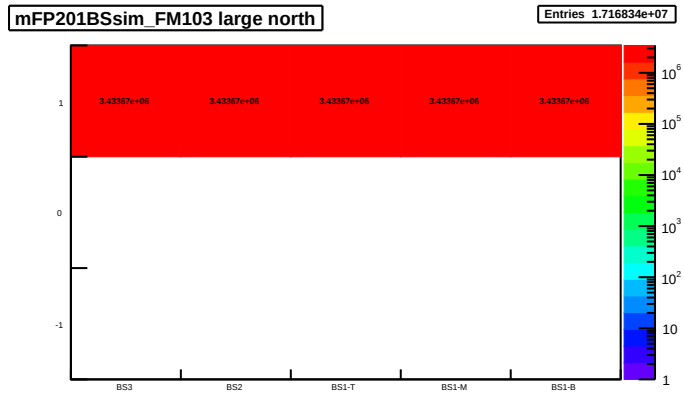

mFP201BS_FM101 small north
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

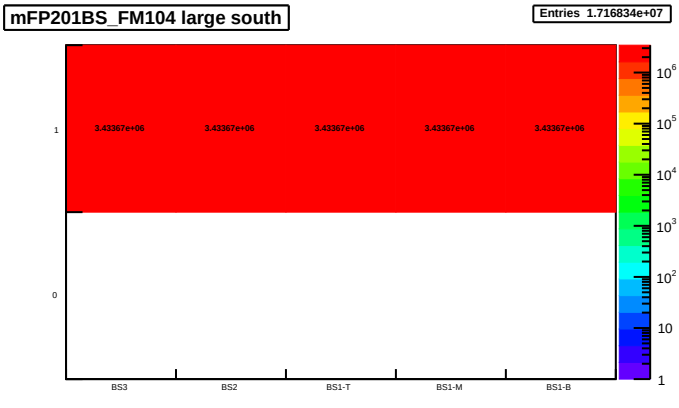

mFP201BSsim_FM101 small north
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

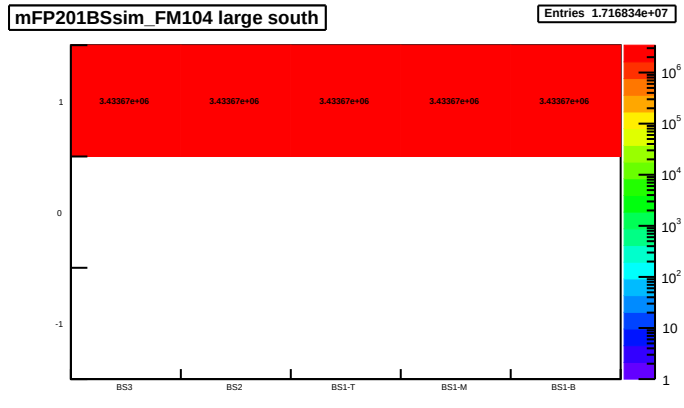

mFP201BS_FM102 small south
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

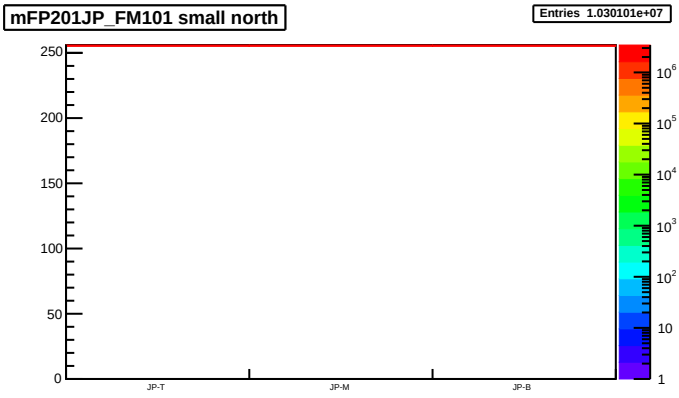

mFP201BSsim_FM102 small south
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

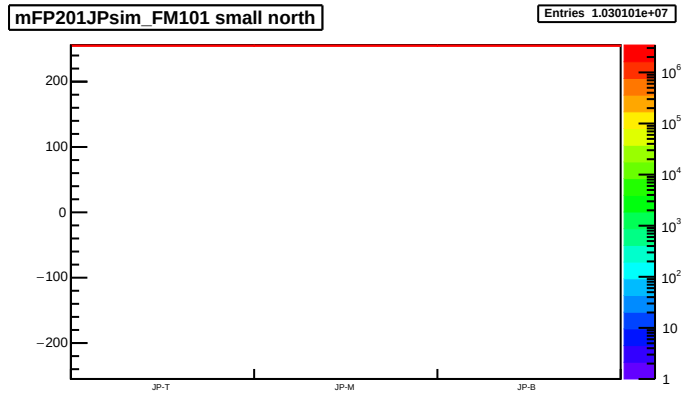

mFP201BS_FM103 large north
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

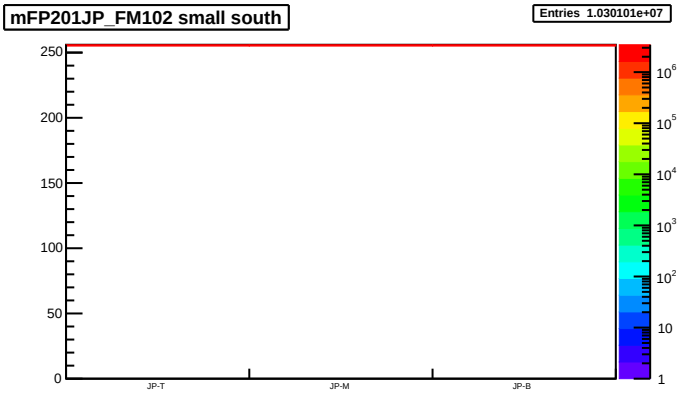

mFP201BSsim_FM103 large north
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

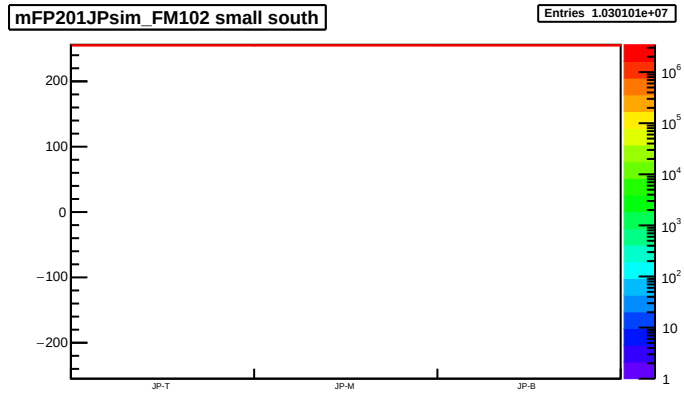

mFP201BS_FM104 large south
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

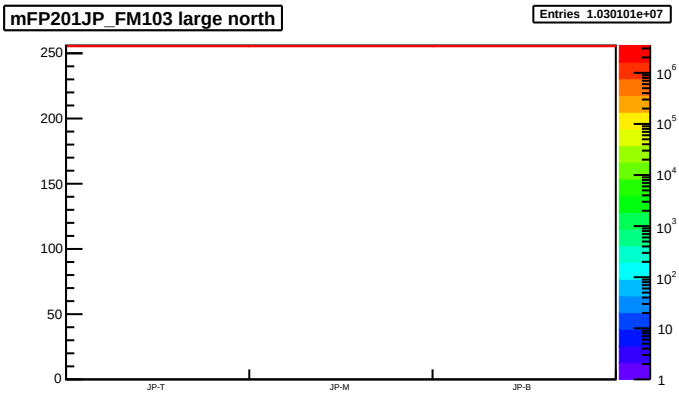

mFP201BSsim_FM104 large south
Entries 1.716834e+07
3.43367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

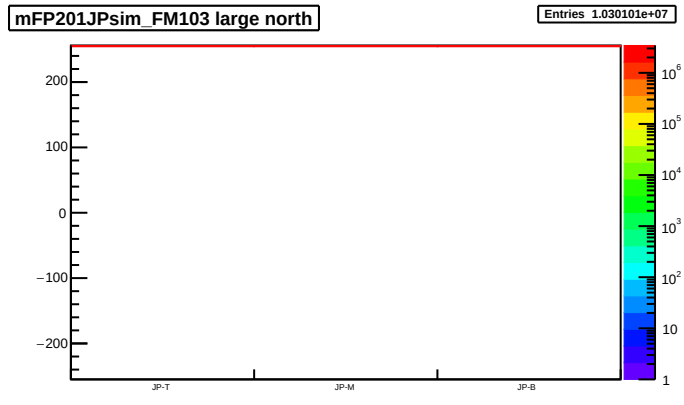

mFP201JP_FM101 small north
Entries 1.030101e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

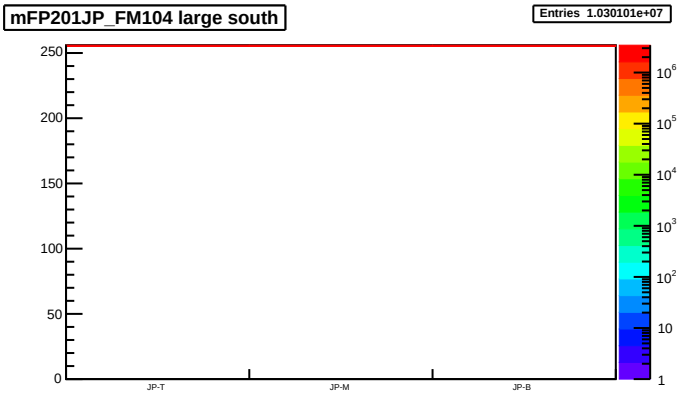

mFP201JPsim_FM101 small north
Entries 1.030101e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

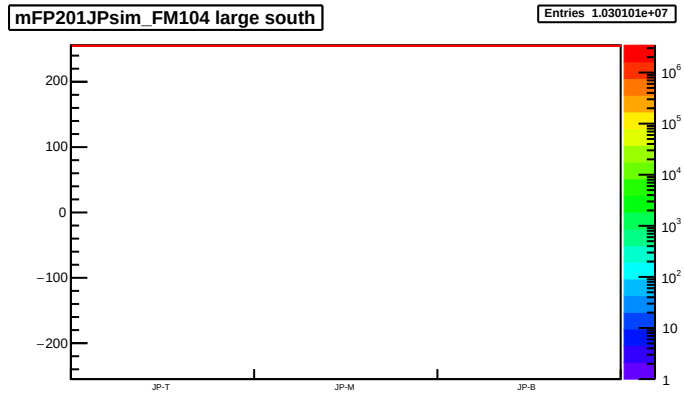

mFP201JP_FM102 small south
Entries 1.030101e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

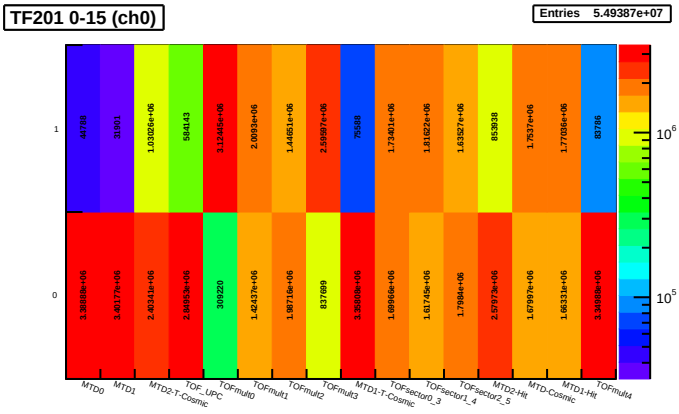

mFP201JPsim_FM102 small south
Entries 1.030101e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

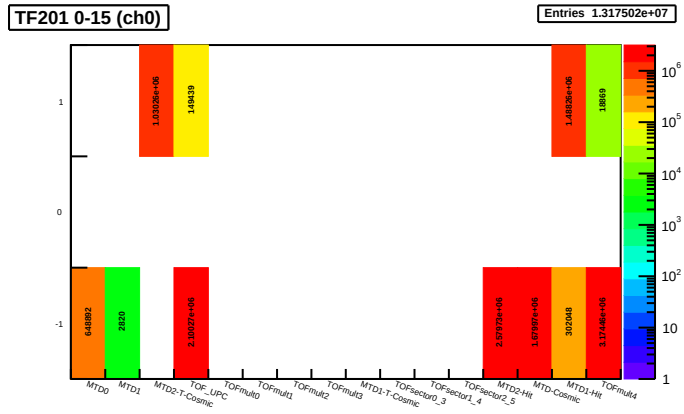

mFP201JP_FM103 large north
Entries 1.030101e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

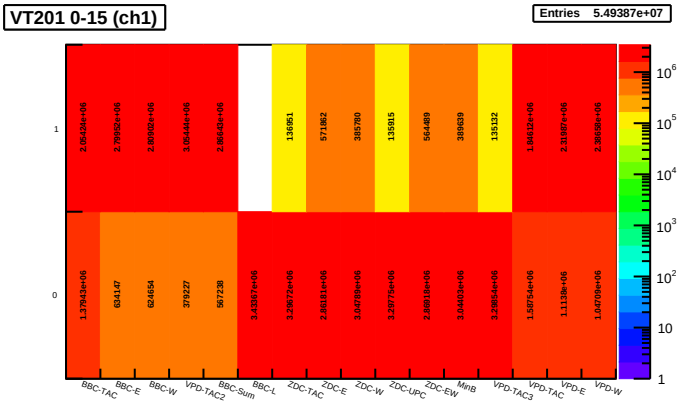

mFP201JPsim_FM103 large north
Entries 1.030101e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

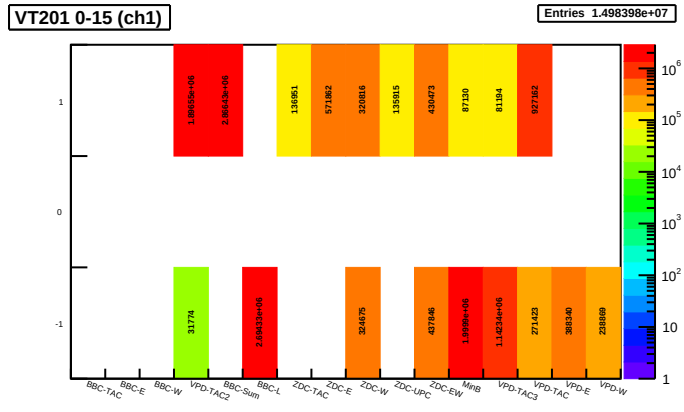

mFP201JP_FM104 large south
Entries 1.030101e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

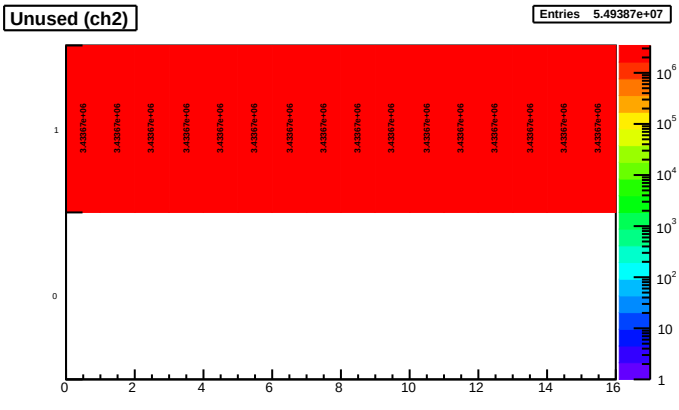

mFP201JPsim_FM104 large south
Entries 1.030101e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

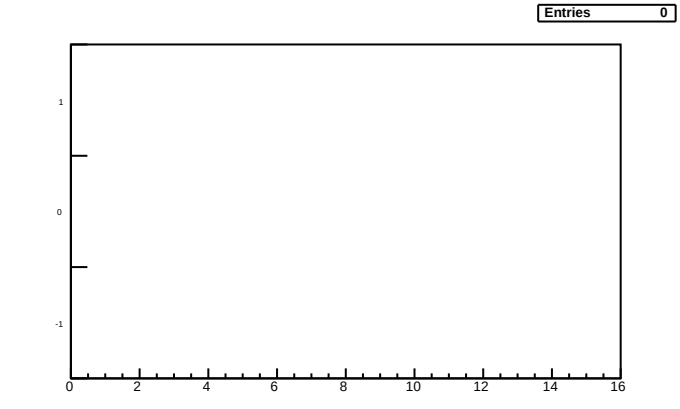

TF201 0-15 (ch0)
Entries 5.49387e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

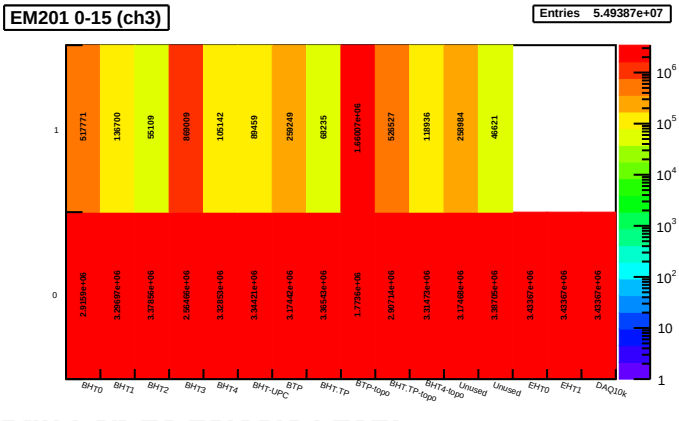

TF201 0-15 (ch0)
Entries 1.317502e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

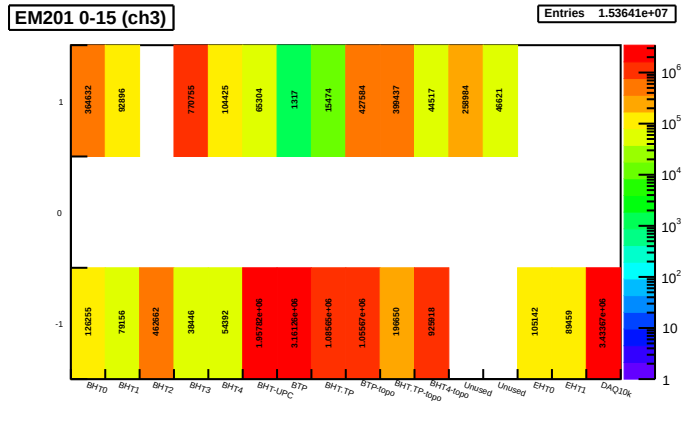

VT201 0-15 (ch1)
Entries 5.49387e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

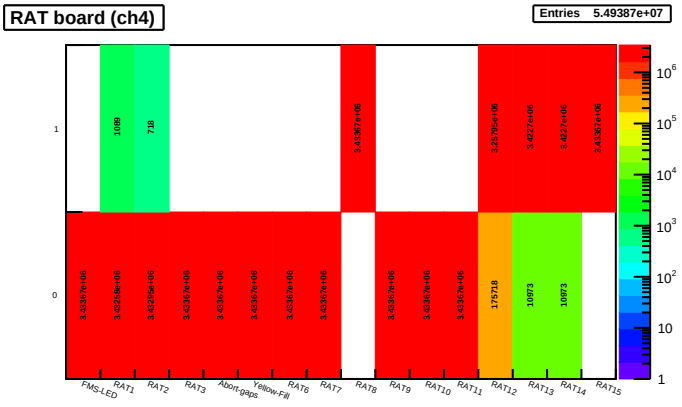

VT201 0-15 (ch1)
Entries 1.498398e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

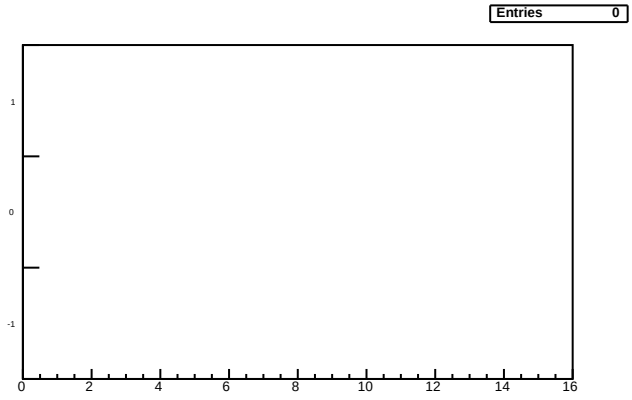

Unused (ch2)
Entries 5.49387e+07

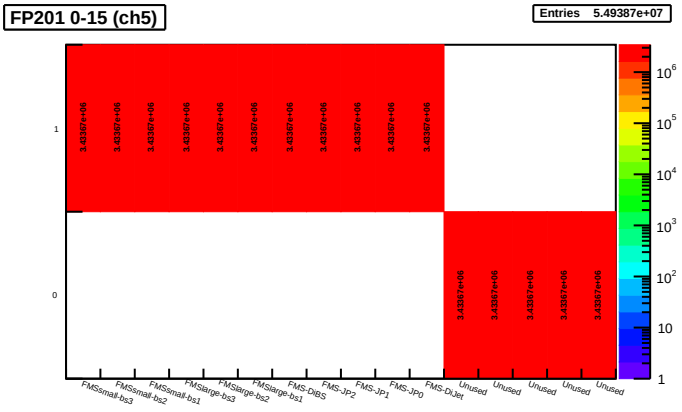

Entries 0

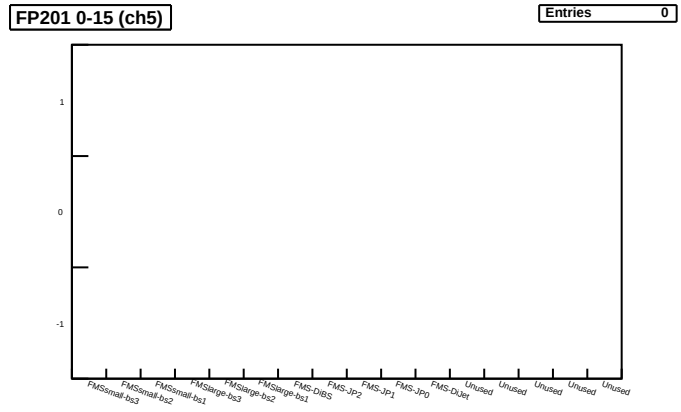

EM201 0-15 (ch3)
Entries 5.49387e+07
BH1-0 BH1-1 BH1-2 BH1-3 BH1-4 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH1-4-topo Unused Unused EH1-0 EH1-1 DAQ10k

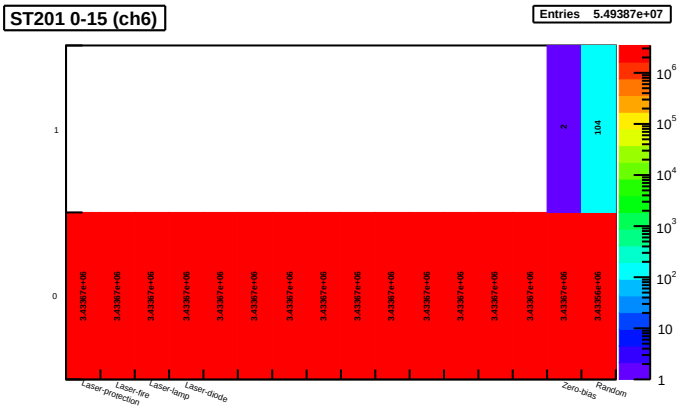

EM201 0-15 (ch3)
Entries 1.53641e+07
BH1-0 BH1-1 BH1-2 BH1-3 BH1-4 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH1-4-topo Unused Unused EH1-0 EH1-1 DAQ10k

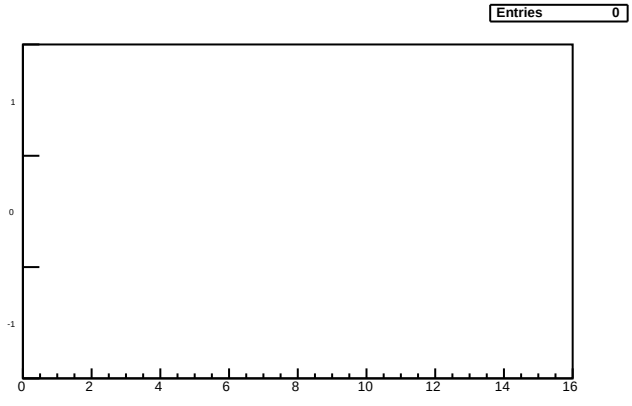

RAT board (ch4)
Entries 5.49387e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

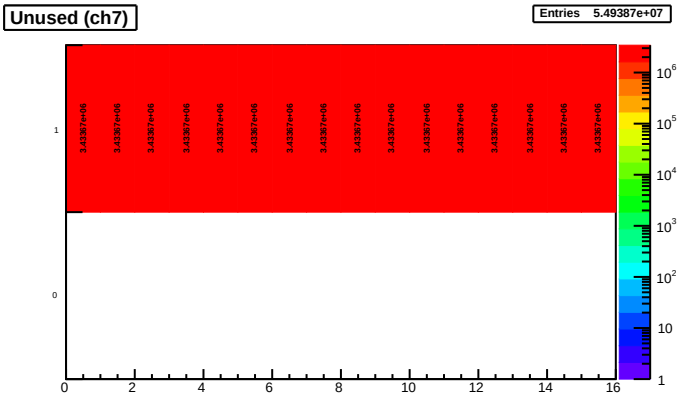

Entries 0

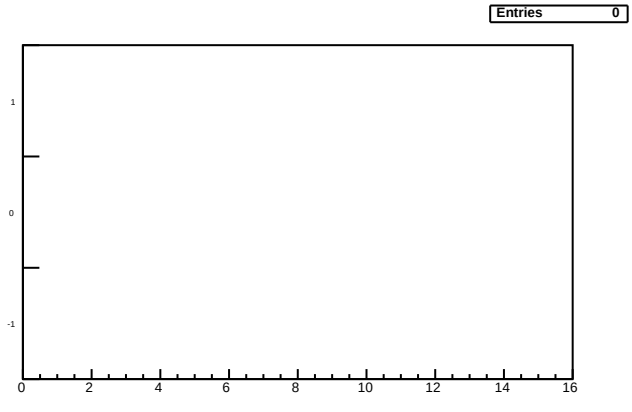

FP201 0-15 (ch5)
Entries 5.49387e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 5.49387e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 5.49387e+07


Entries 0