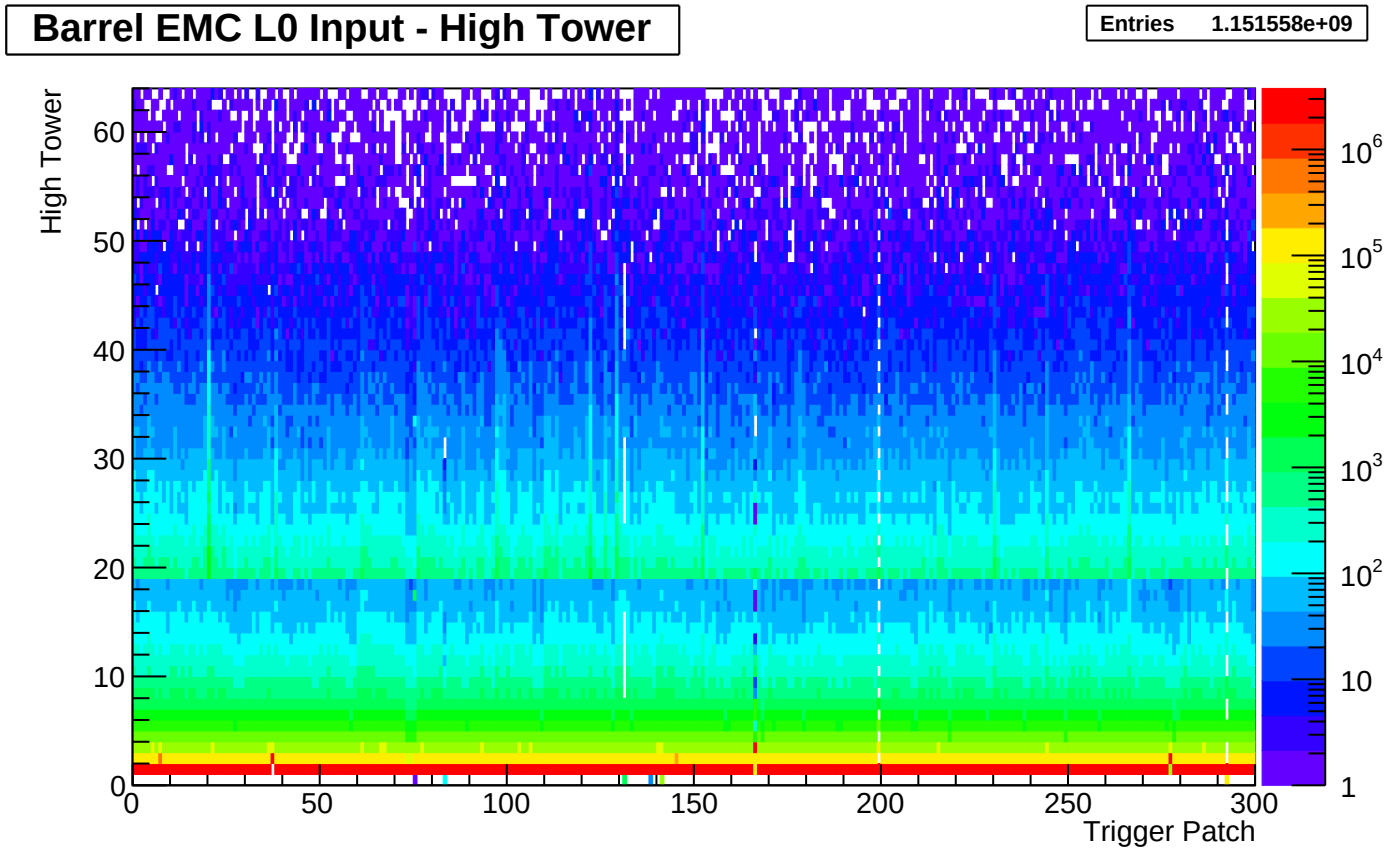
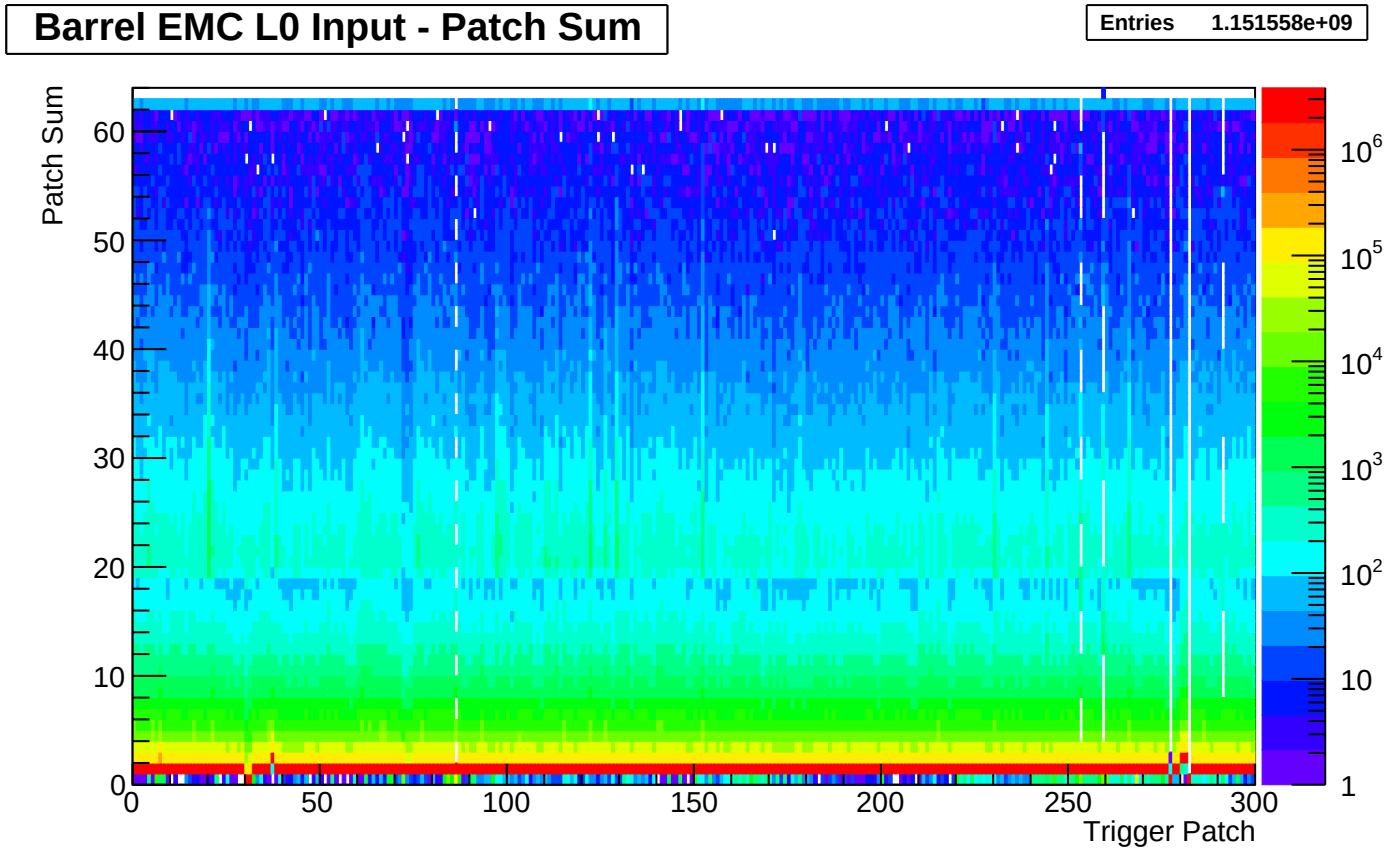
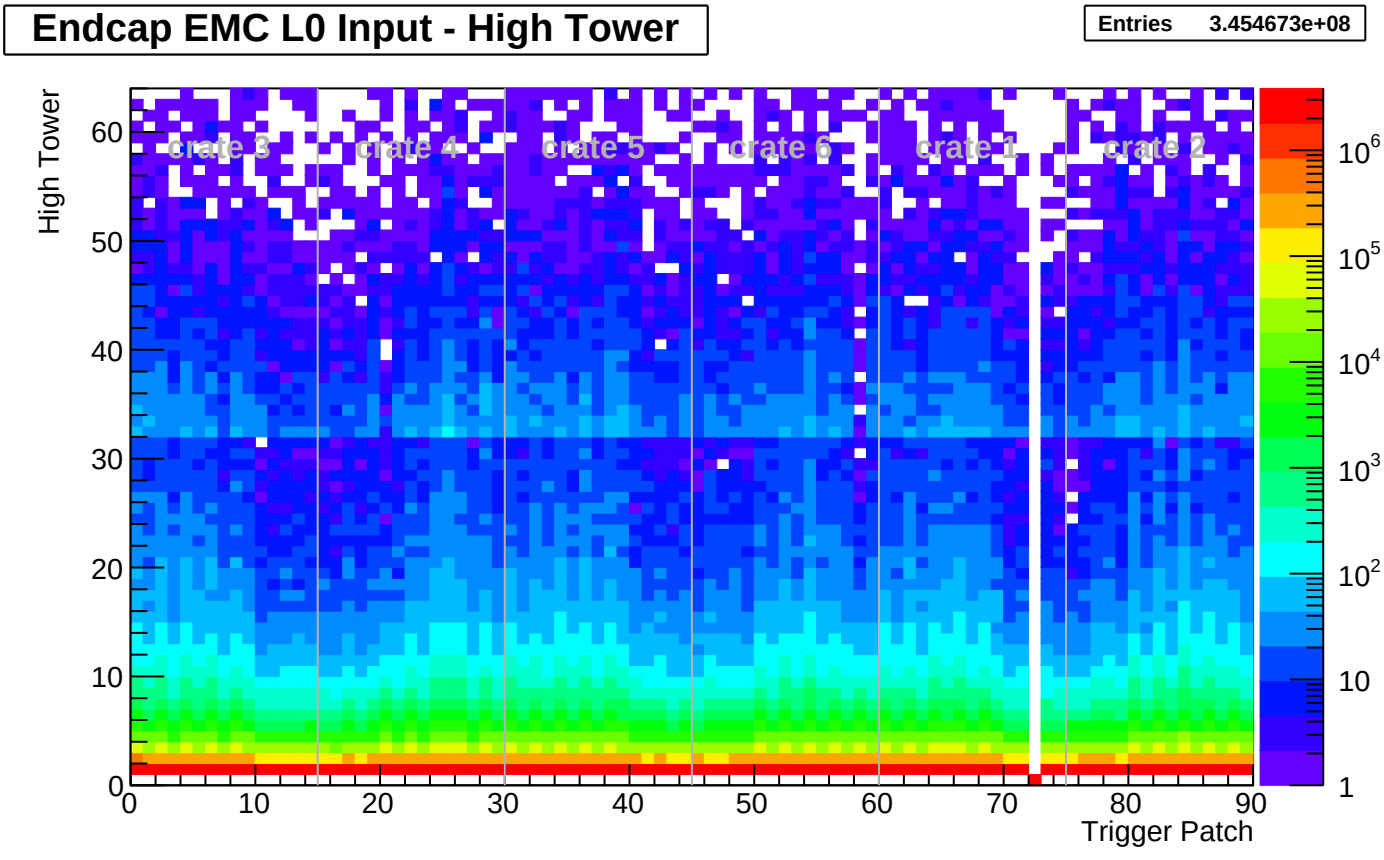
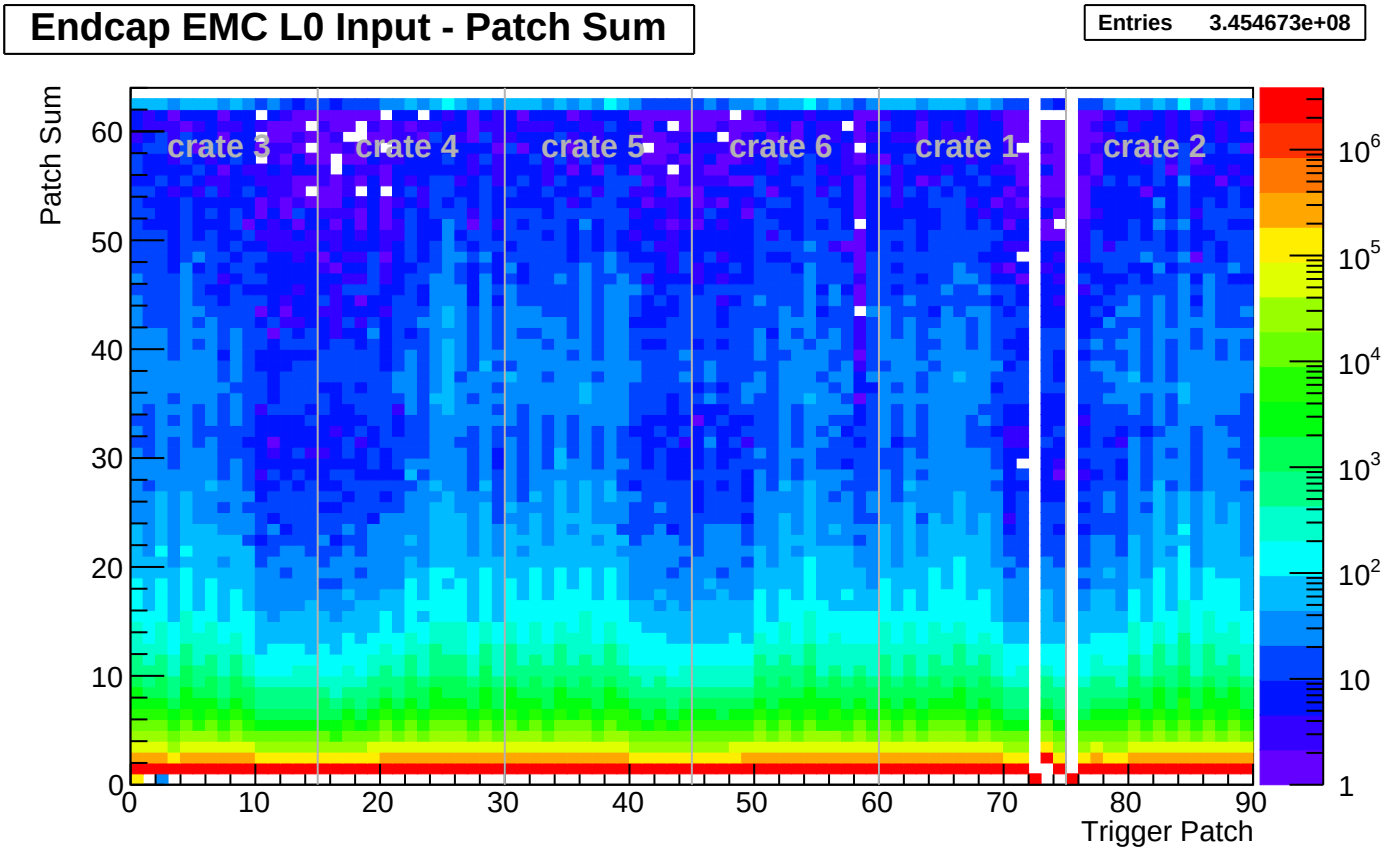
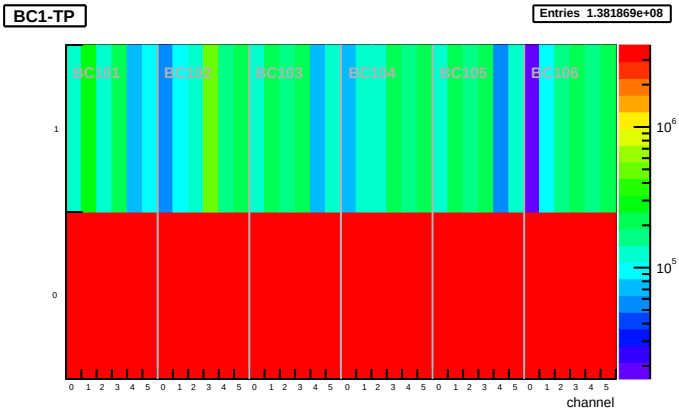
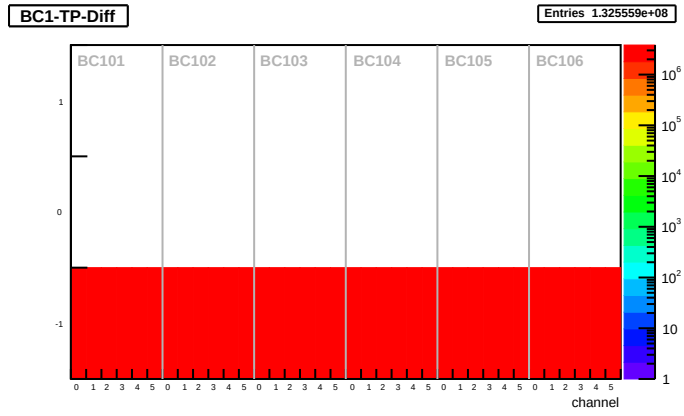

Barrel EMC L0 Input - High Tower
Entries 1.151558e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

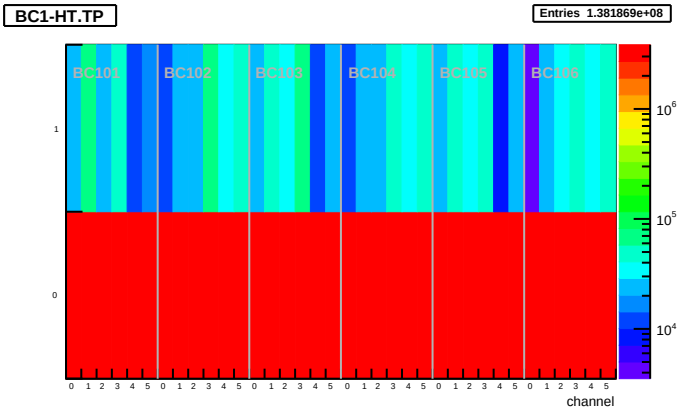

Barrel EMC L0 Input - Patch Sum
Entries 1.151558e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

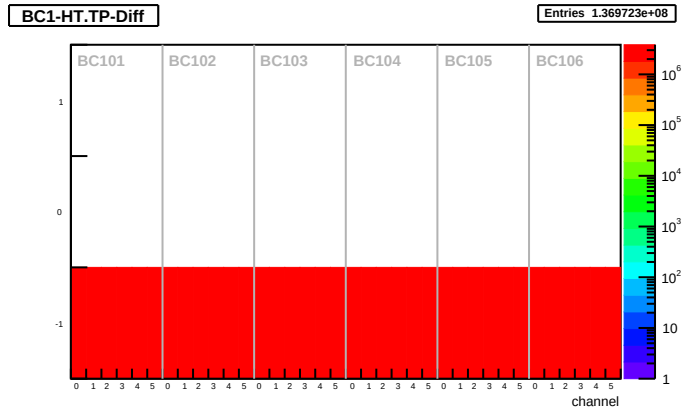

Endcap EMC L0 Input - High Tower
Entries 3.454673e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

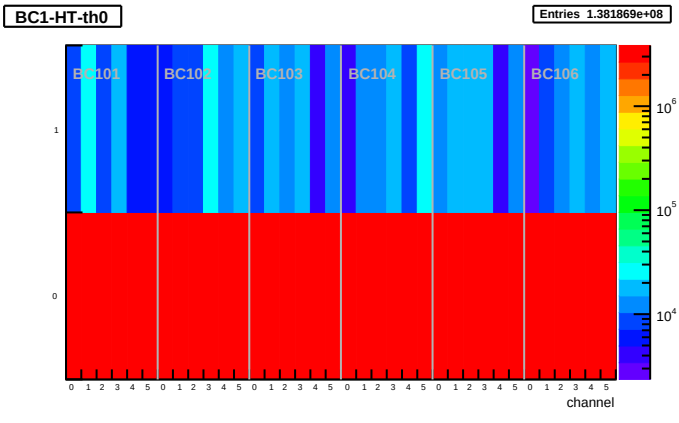

Endcap EMC L0 Input - Patch Sum
Entries 3.454673e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

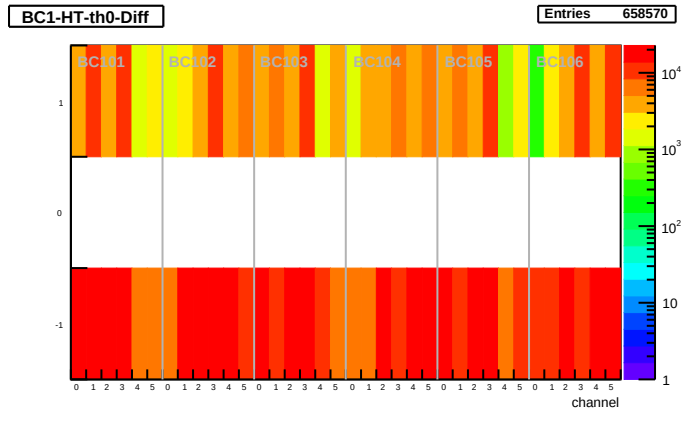

BC1-TP
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

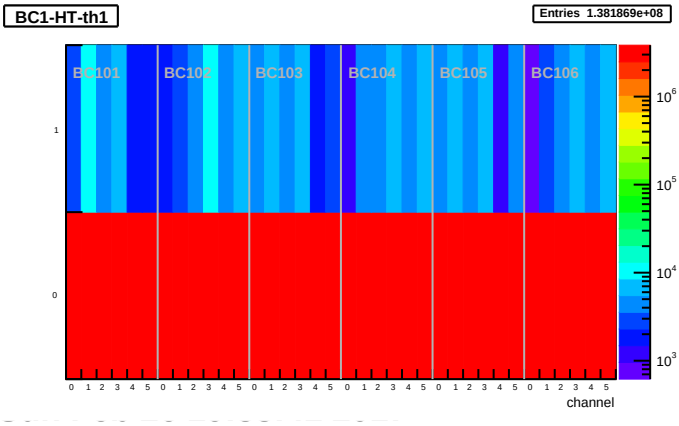

BC1-TP-Diff
Entries 1.325559e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

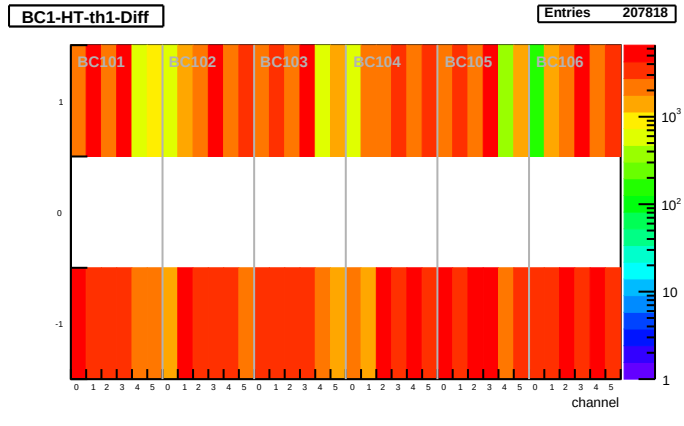

BC1-HT.TP
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

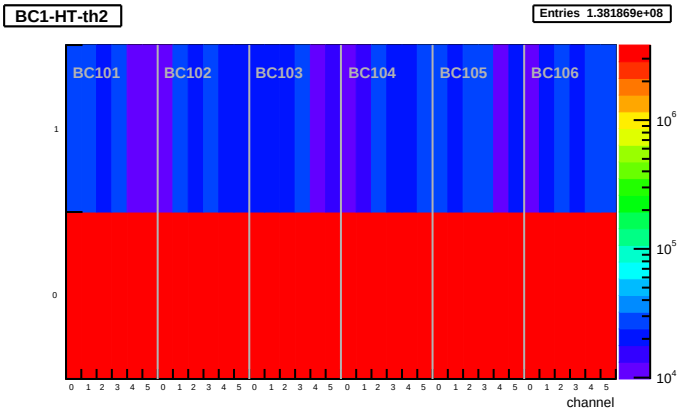

BC1-HT.TP-Diff
Entries 1.369723e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

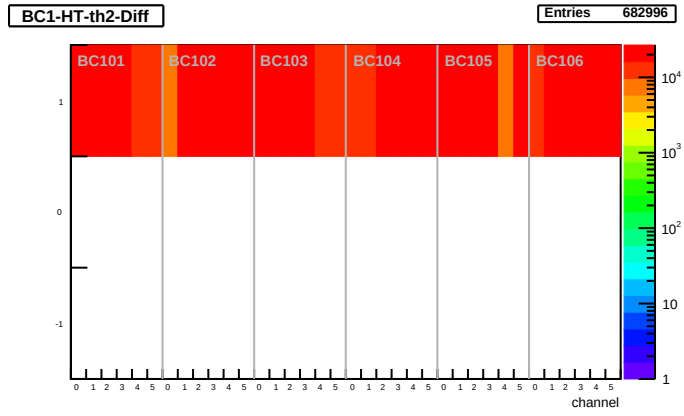

BC1-HT-th0
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

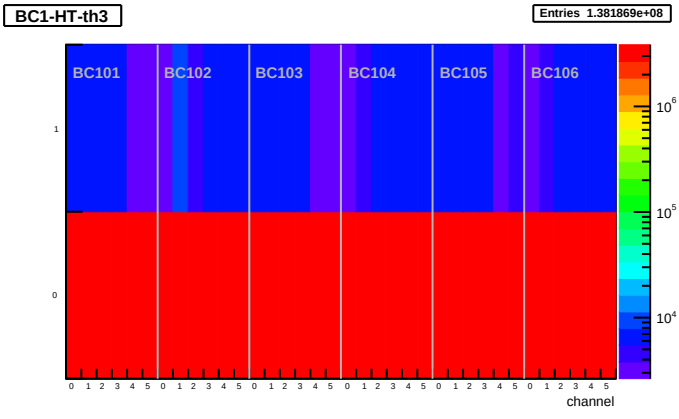

BC1-HT-th0-Diff
Entries 658570
BC101
BC102
BC103
BC104
BC105
BC106
channel

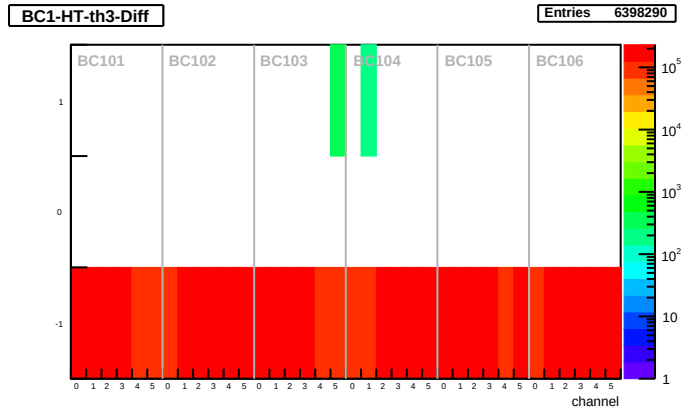

BC1-HT-th1
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

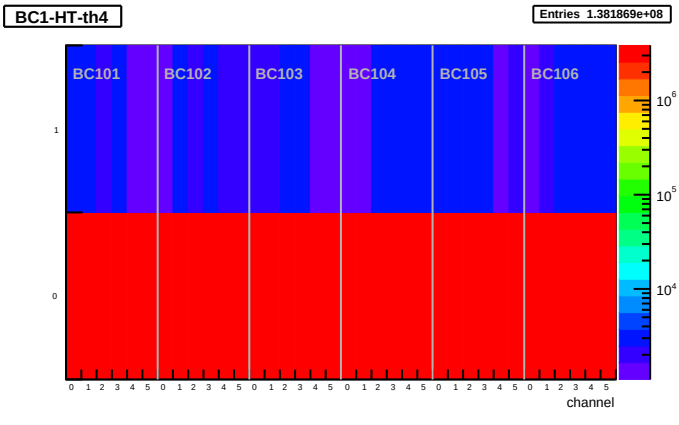

BC1-HT-th1-Diff
Entries 207818
BC101
BC102
BC103
BC104
BC105
BC106
channel

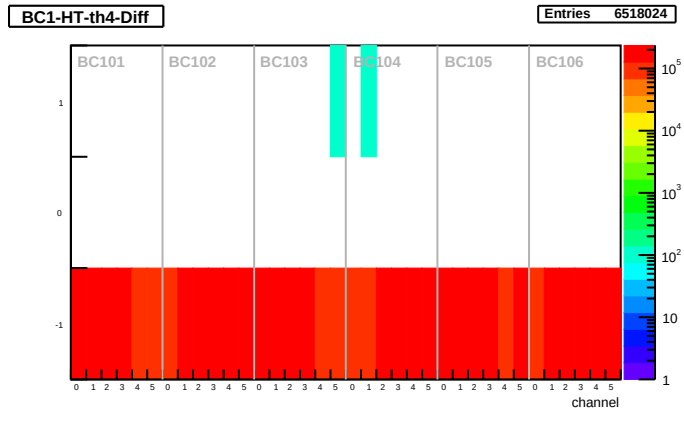

BC1-HT-th2
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

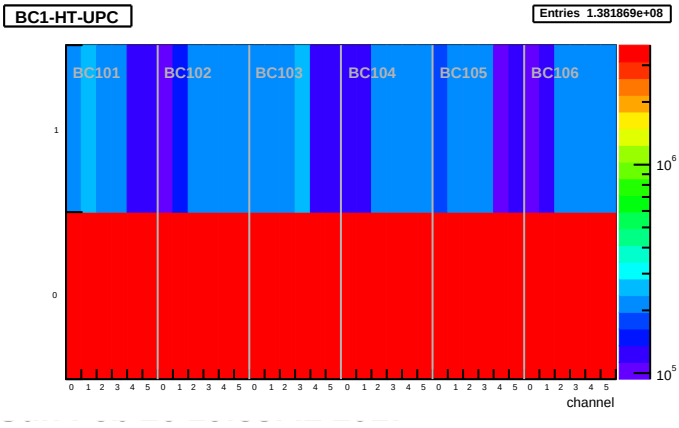

BC1-HT-th2-Diff
Entries 682996
BC101
BC102
BC103
BC104
BC105
BC106
channel

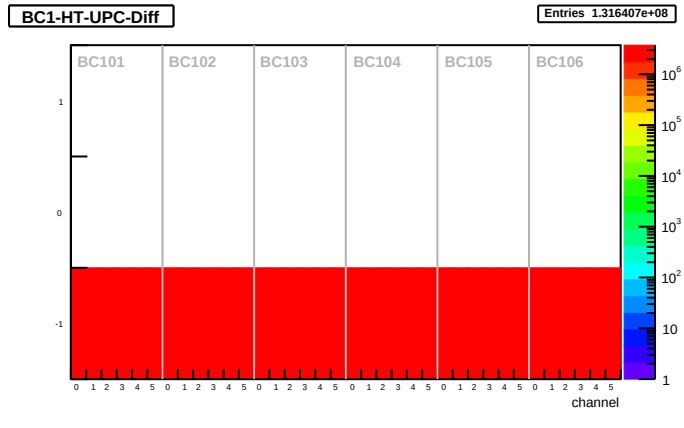

BC1-HT-th3
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

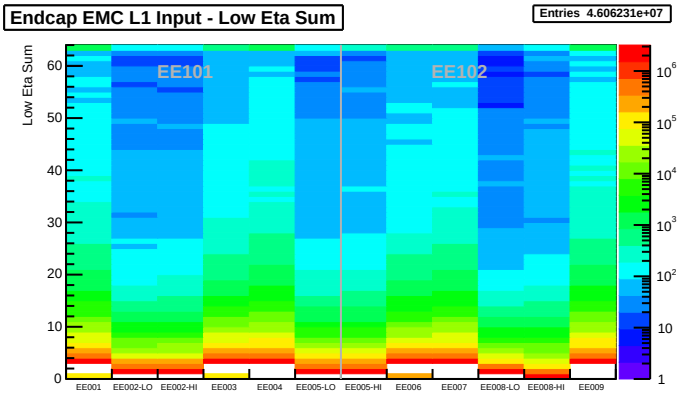

BC1-HT-th3-Diff
Entries 6398290
BC101
BC102
BC103
BC104
BC105
BC106
channel

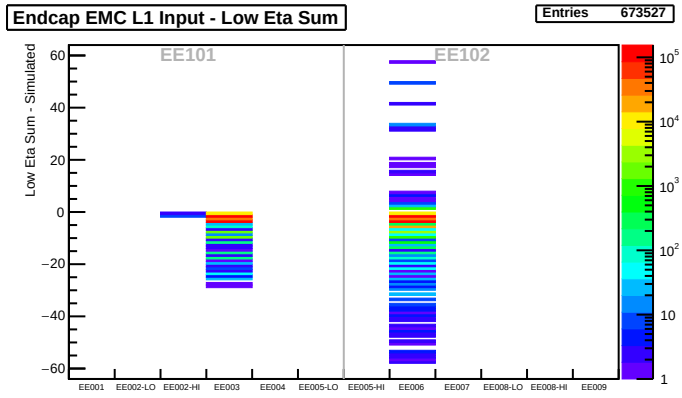

BC1-HT-th4
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

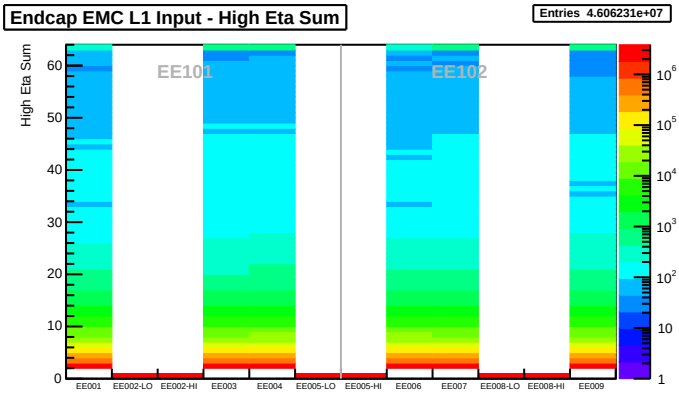

BC1-HT-th4-Diff
Entries 6518024
BC101
BC102
BC103
BC104
BC105
BC106
channel

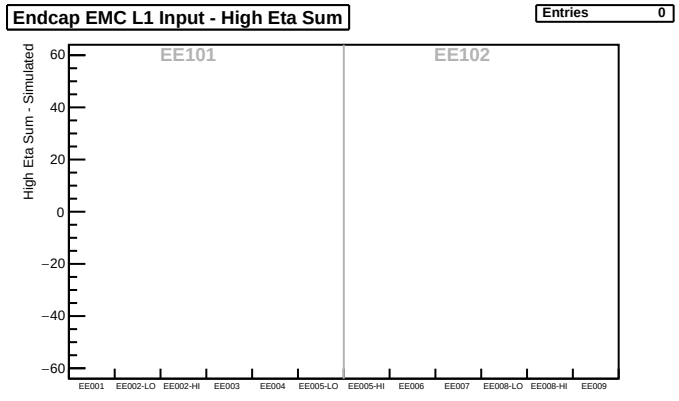

BC1-HT-UPC
Entries 1.381869e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

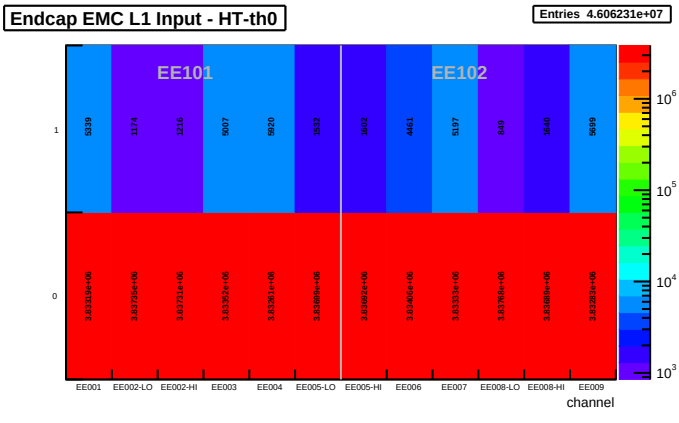

BC1-HT-UPC-Diff
Entries 1.316407e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

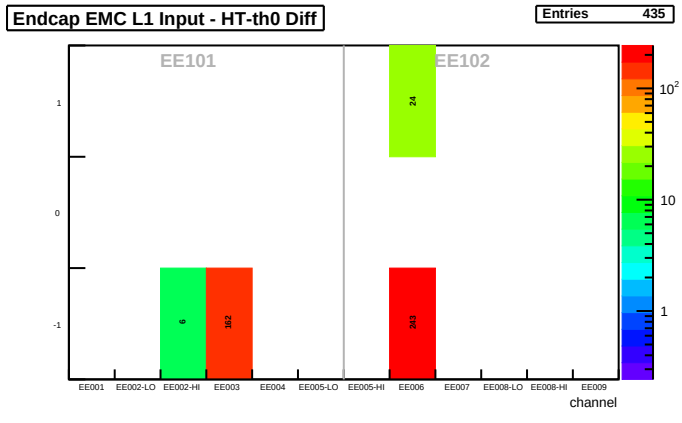

Endcap EMC L1 Input - Low Eta Sum
Entries 4.606231e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

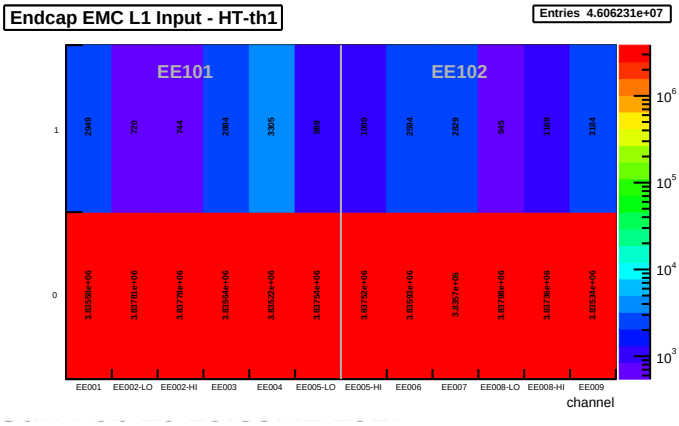

Endcap EMC L1 Input - Low Eta Sum
Entries 673527
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

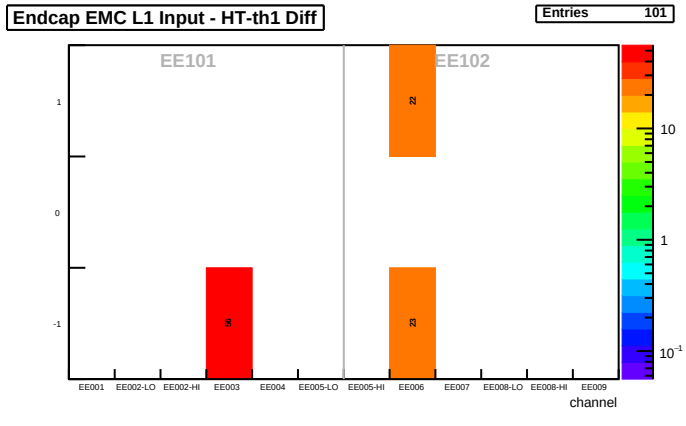

Endcap EMC L1 Input - High Eta Sum
Entries 4.606231e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

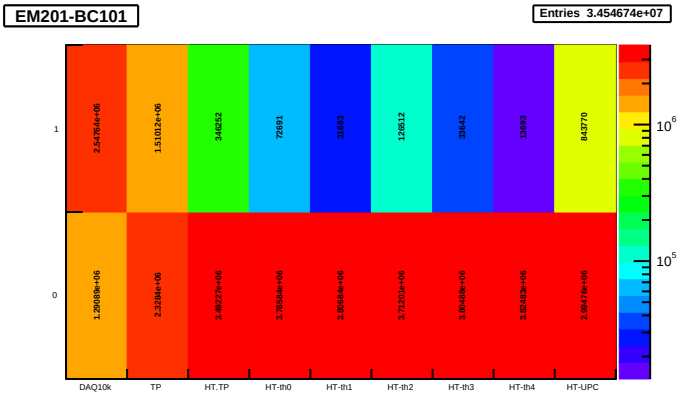

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

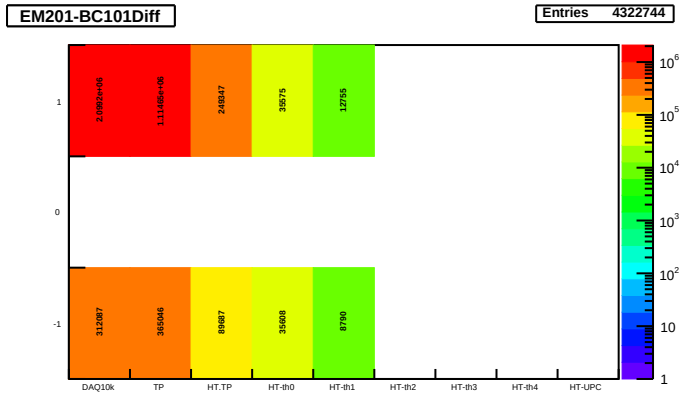

Endcap EMC L1 Input - HT-th0
Entries 4.606231e+07
EE101
EE102
5339 1174 1216 5007 5920 1532 1602 4461 5197 949 1640 5699
channel

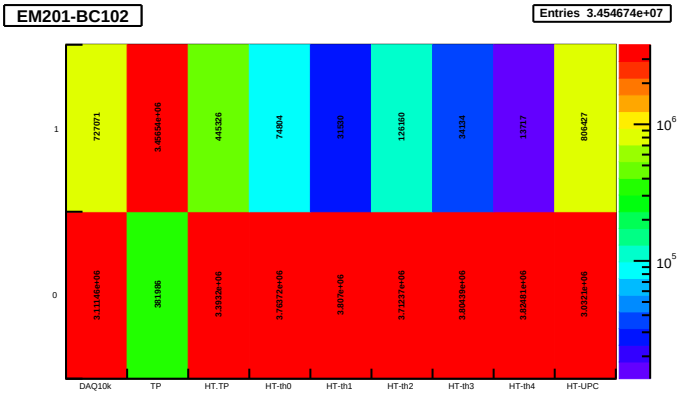

Endcap EMC L1 Input - HT-th0 Diff
Entries 435
EE101
EE102
24
6 162 243
channel

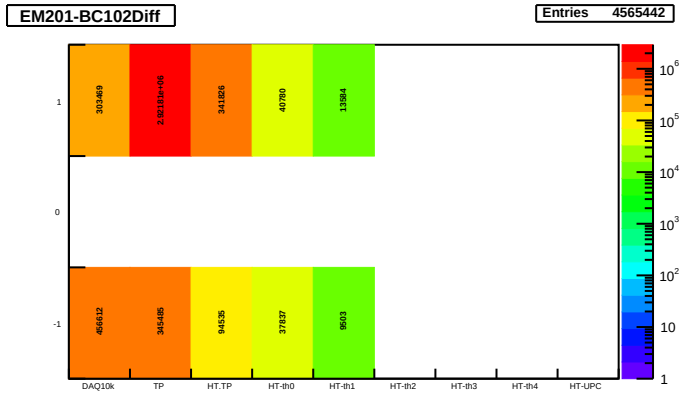

Endcap EMC L1 Input - HT-th1
Entries 4.606231e+07
EE101
EE102
channel

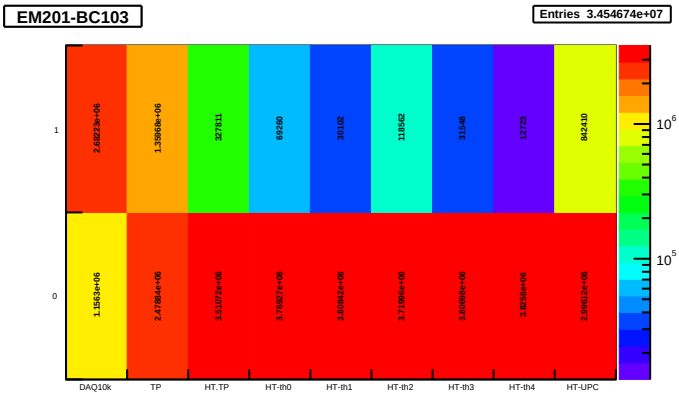

Endcap EMC L1 Input - HT-th1 Diff
Entries 101
EE101
EE102
22
56 23
channel

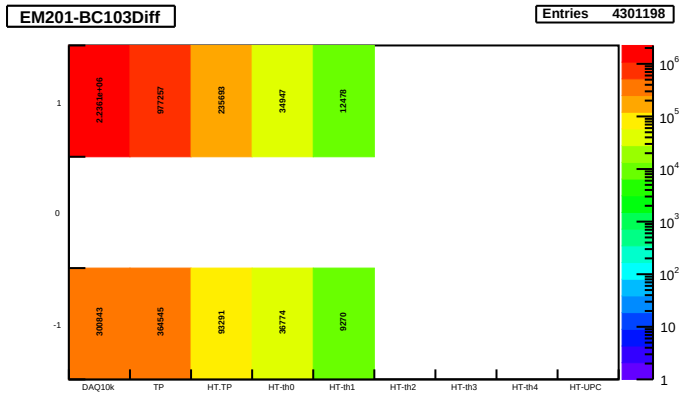

EM201-BC101
Entries 3.454674e+07
2.547564e+06
1.51012e+06
346652
72691
31683
126612
35642
13933
843770
1.20089e+06
2.23284e+06
3.90227e+06
3.79594e+06
3.80684e+06
3.71201e+06
3.80489e+06
3.82483e+06
2.98479e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

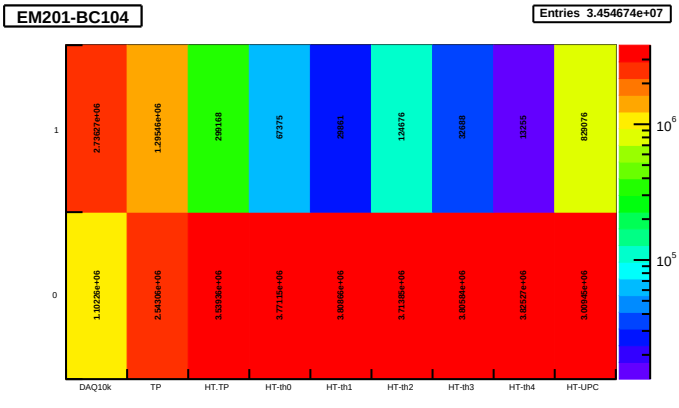

EM201-BC101Diff
Entries 4322744
2.09924e+06
1.11468e+06
249347
39575
12755
312087
365046
89987
35608
8790
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

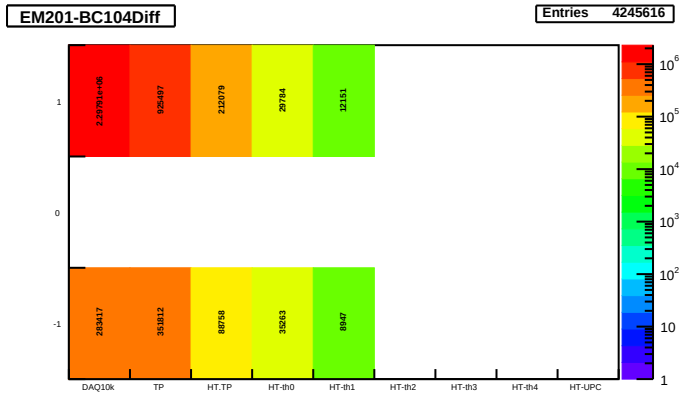

EM201-BC102
Entries 3.454674e+07
727071
3.45654e+06
445326
74804
31930
126160
34134
13717
806427
3.11146e+06
381986
3.29324e+06
3.76372e+06
3.8076e+06
3.71237e+06
3.80439e+06
3.82461e+06
3.03216e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 4565442
303469
2.92181e+06
341826
40780
13984
456612
345485
94535
37837
9603
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

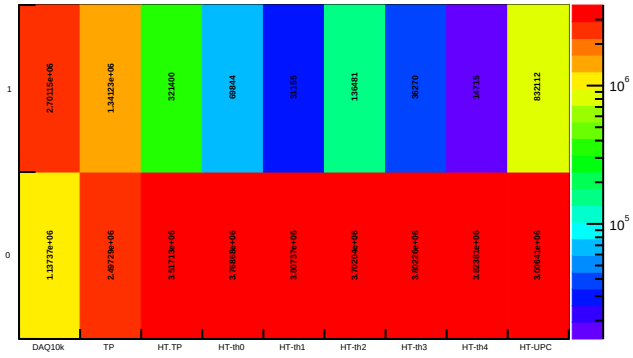

EM201-BC103
Entries 3.454674e+07
2.68223e+06
1.35968e+06
327811
69260
30102
118562
31548
12723
842410
1.15639e+06
2.47884e+06
3.51072e+06
3.71627e+06
3.80942e+06
3.71195e+06
3.80989e+06
3.82258e+06
2.99612e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 4301198
2.23819e+06
977257
235693
34947
12478
300843
364545
92291
36774
9270
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

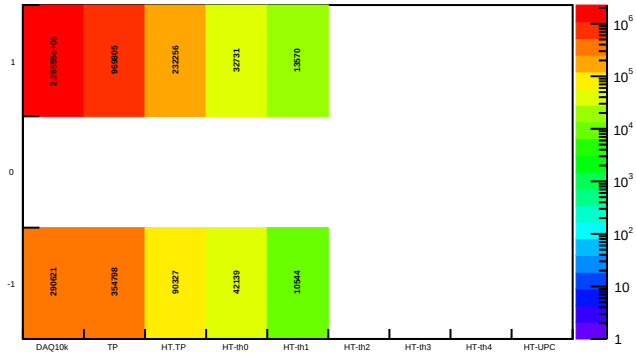

EM201-BC104
Entries 3.454674e+07
2.73827e+06
1.29546e+06
299168
67375
28951
124676
32688
13255
829076
1.10226e+06
2.54366e+06
3.53936e+06
3.77115e+06
3.80666e+06
3.71385e+06
3.80344e+06
3.82527e+06
3.00945e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 4245616
2.29791e+06
925497
212079
29784
12151
283417
351812
88758
33253
8947
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

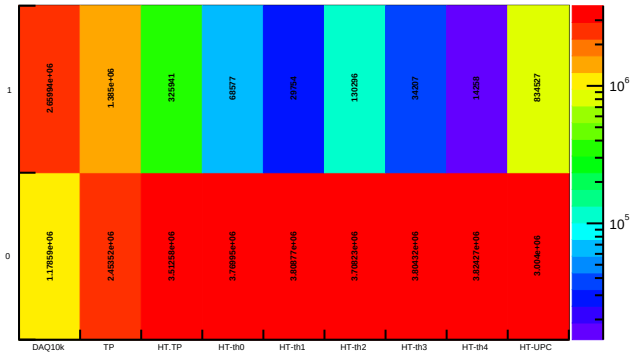
EM201-BC105 Entries 3.454674e+07



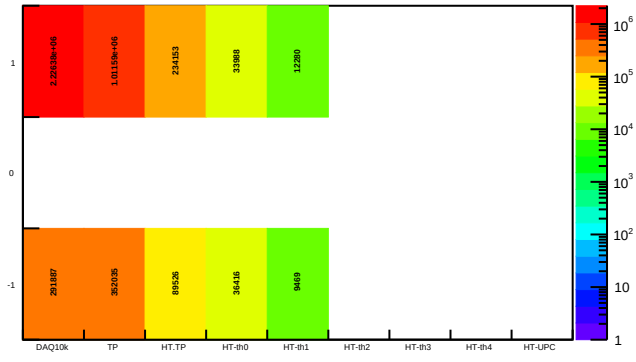
EM201-BC105Diff Entries 4302340



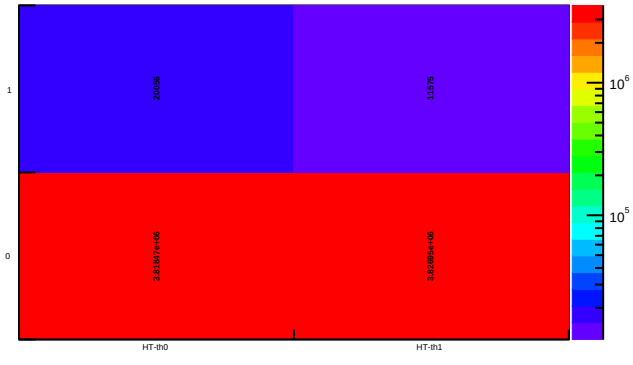
EM201-BC106 Entries 3.454674e+07



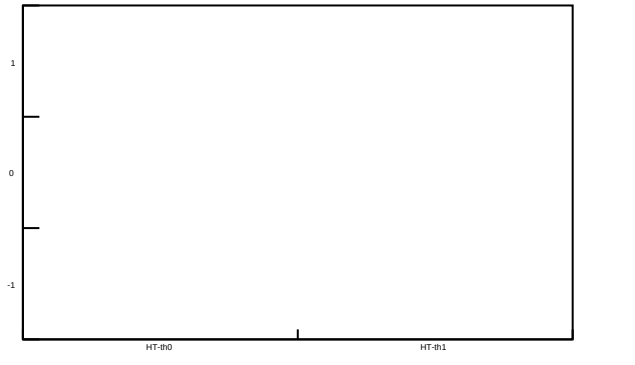
EM201-BC106Diff Entries 4297725



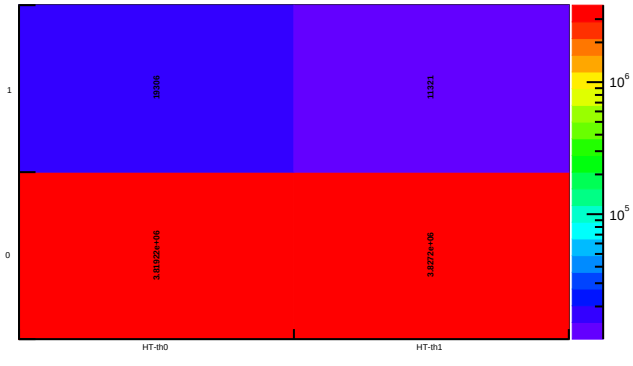
EM201-EE101 Entries 7677052



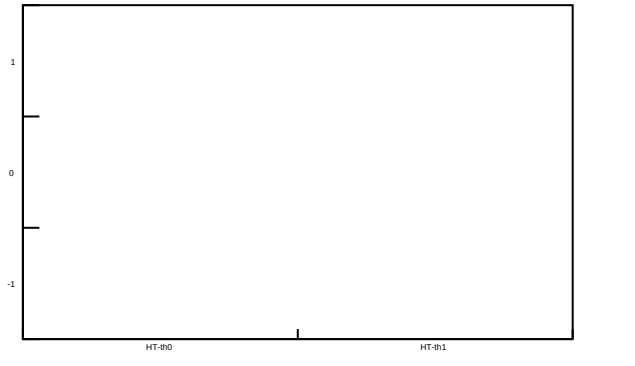
EM201-EE101Diff Entries 0

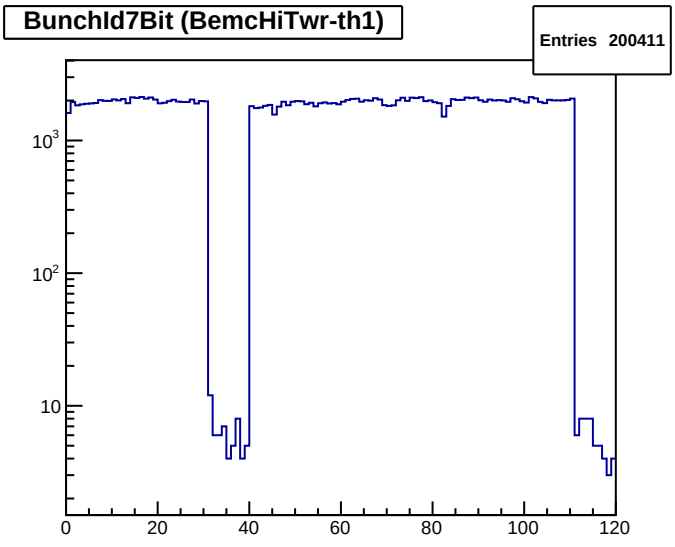


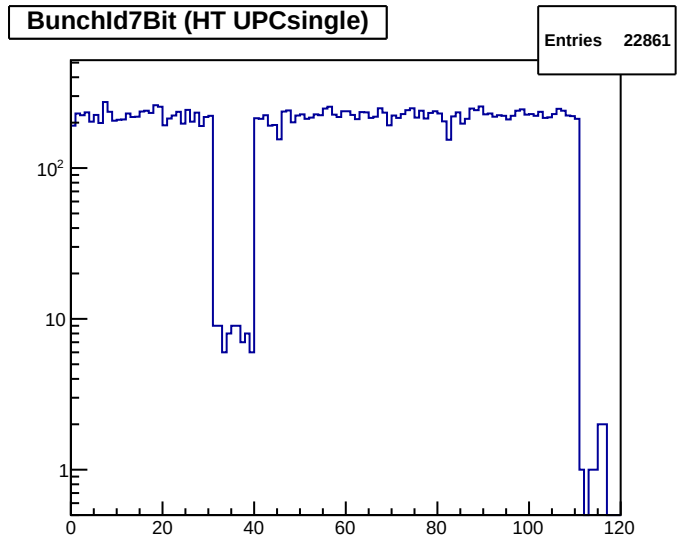
EM201-EE102 Entries 7677052

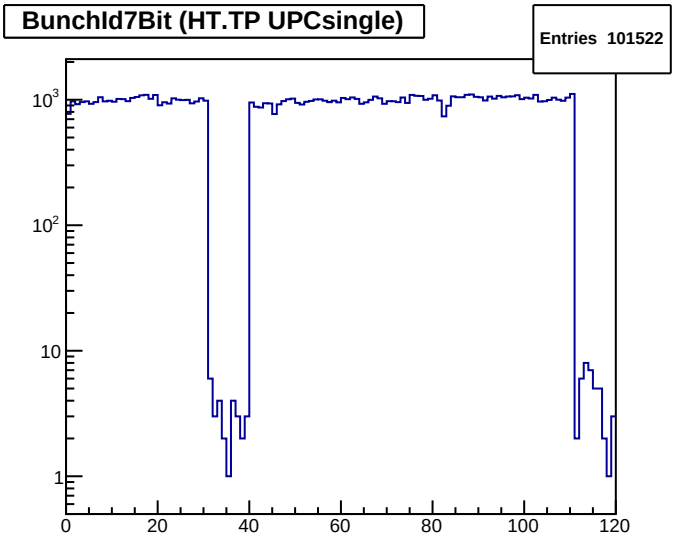


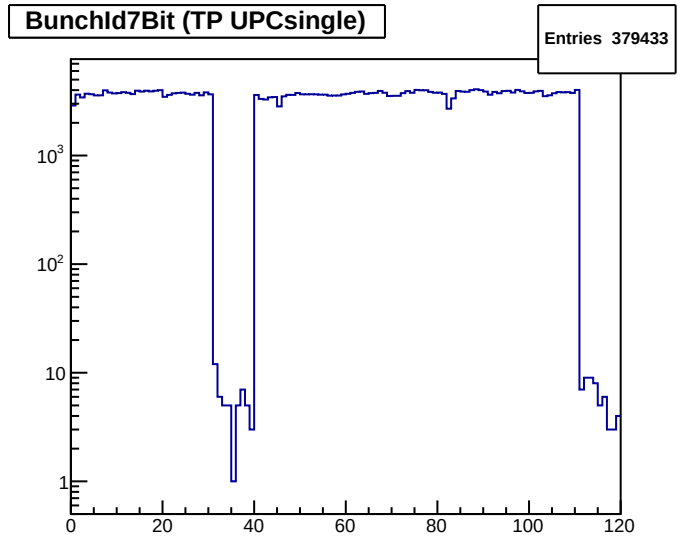
EM201-EE102Diff Entries 0

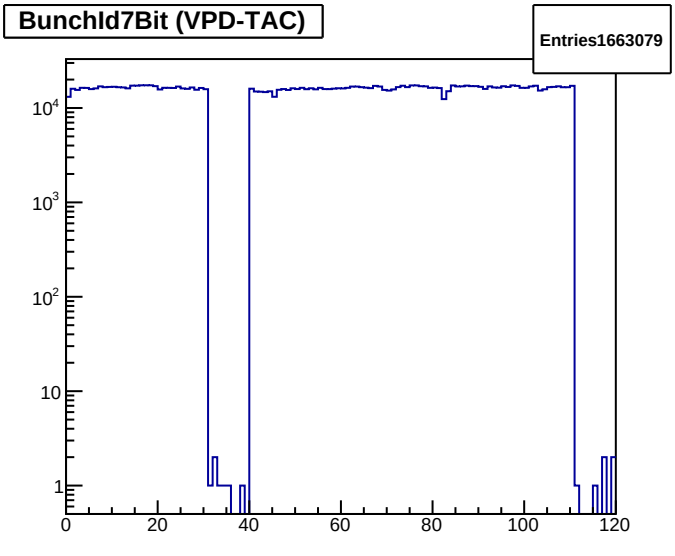


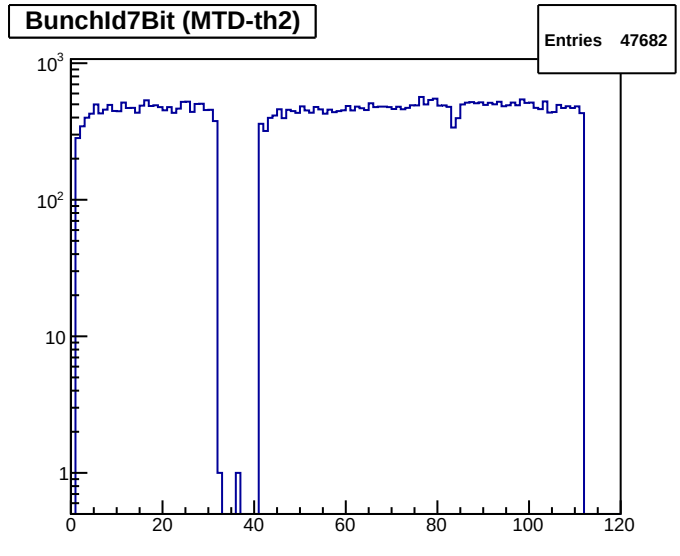

BunchId7Bit (BemcHiTwr-th1)
Entries 200411
10^3
10^2
10
0 20 40 60 80 100 120

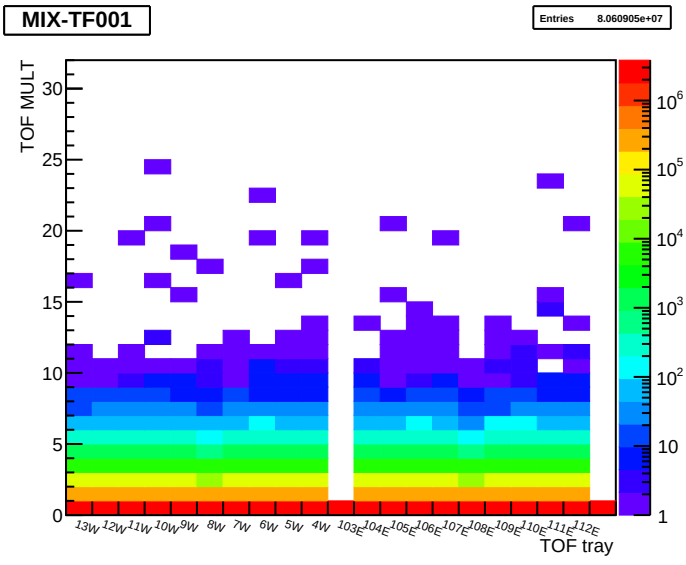

BunchId7Bit (HT UPCsingle)
Entries 22861
10^2
10
1
0 20 40 60 80 100 120

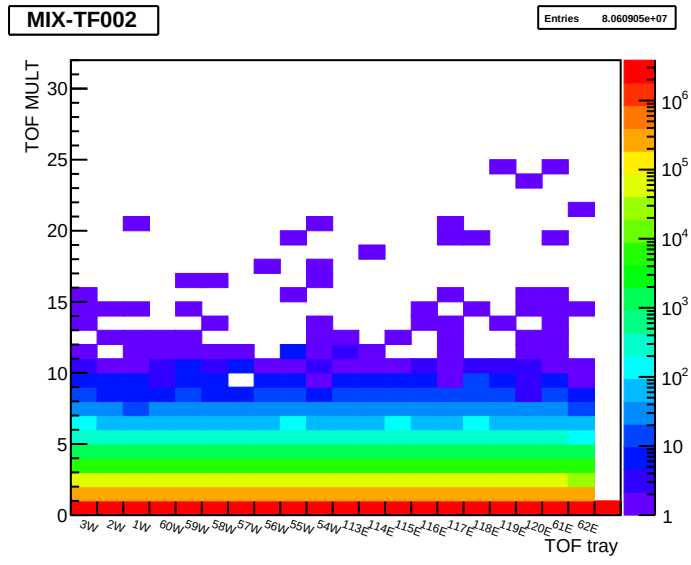

BunchId7Bit (HT.TP UPCsingle)
Entries 101522
10^3
10^2
10
1
0 20 40 60 80 100 120

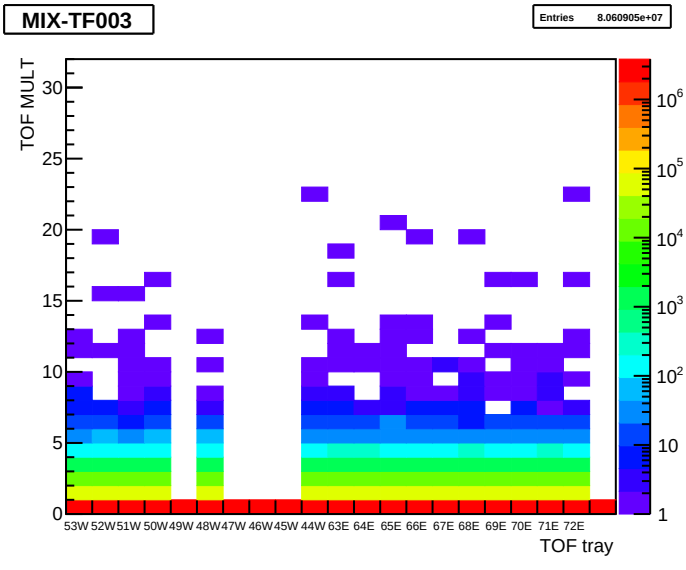

BunchId7Bit (TP UPCsingle)
Entries 379433
10^3
10^2
10
1
0 20 40 60 80 100 120

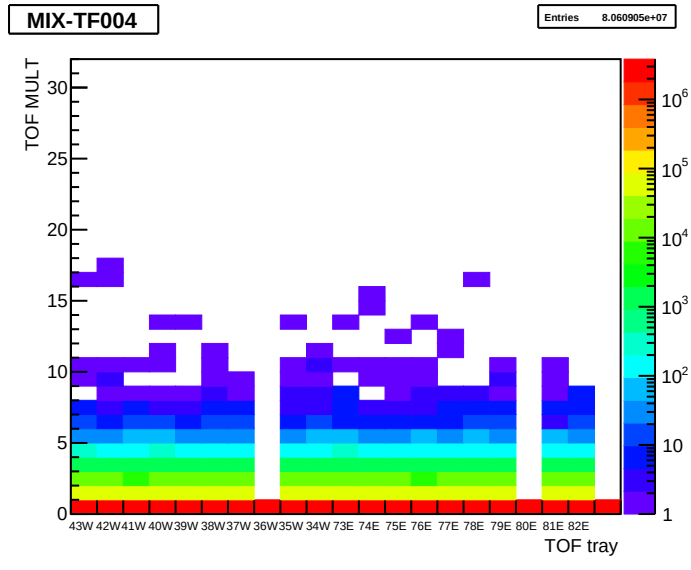

BunchId7Bit (VPD-TAC)
Entries1663079
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

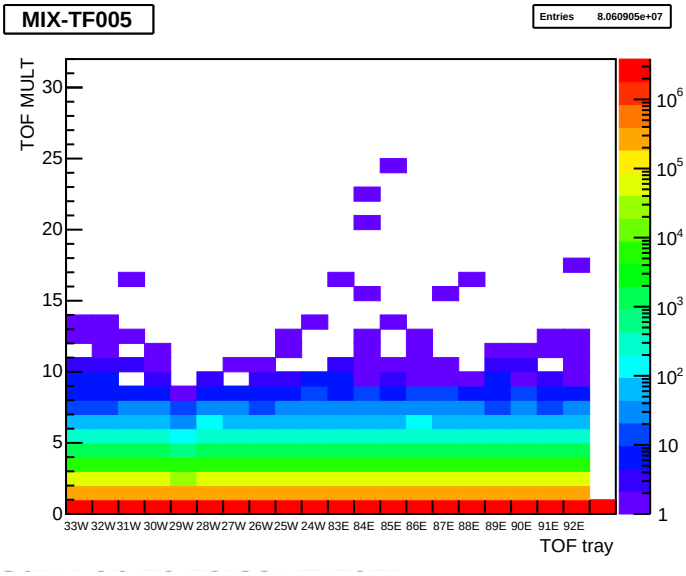

BunchId7Bit (MTD-th2)
Entries 47682
10^3
10^2
10
1
0 20 40 60 80 100 120

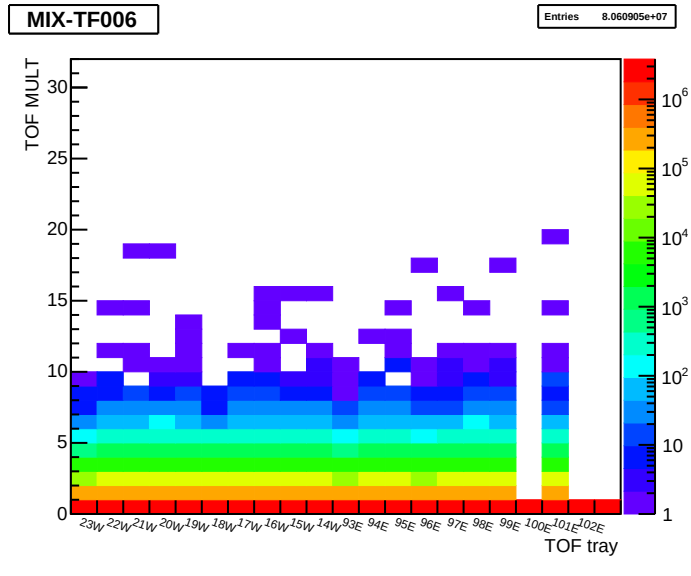

MIX-TF001
Entries 8.060905e+07
TOF MULT
TOF tray

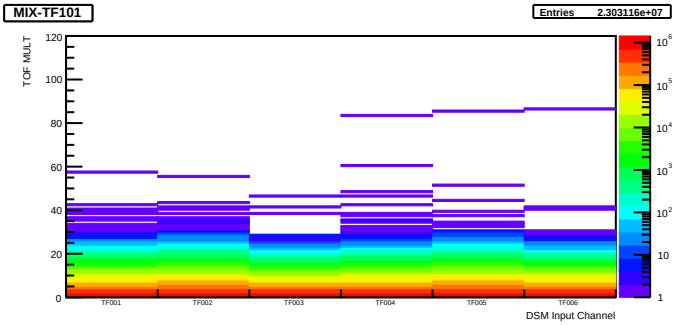

MIX-TF002
Entries 8.060905e+07
TOF MULT
TOF tray

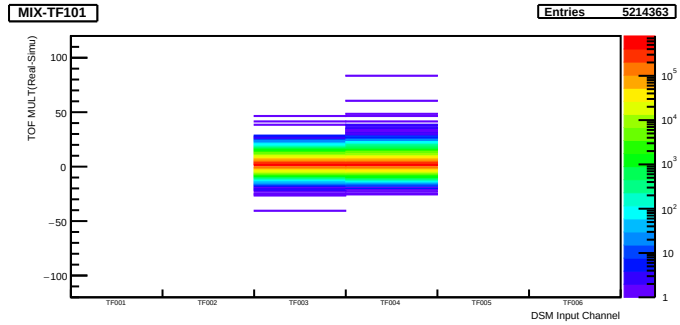

MIX-TF003
Entries 8.060905e+07
TOF MULT
TOF tray

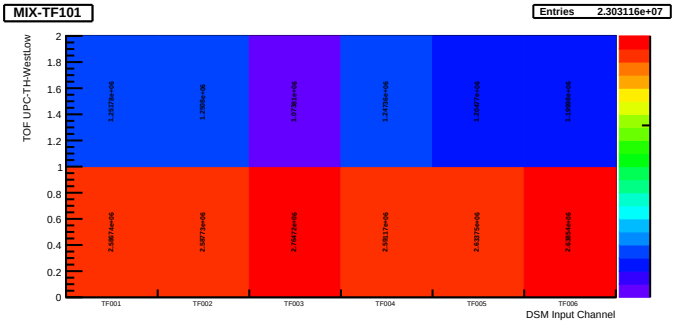

MIX-TF004
Entries 8.060905e+07
TOF MULT
TOF tray

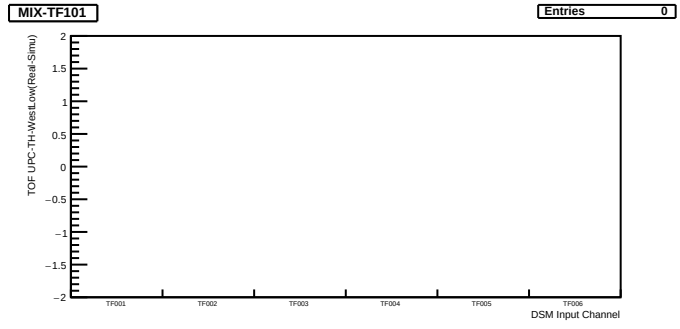

MIX-TF005
Entries 8.060905e+07
TOF MULT
TOF tray

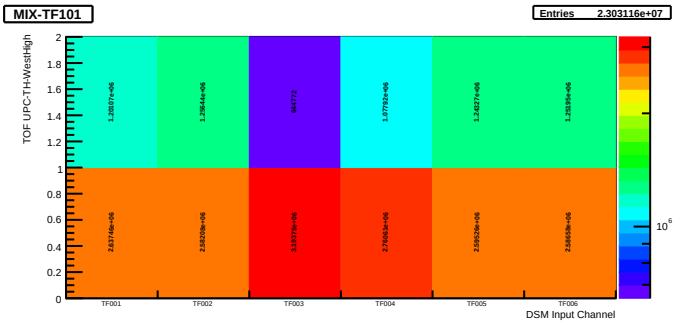

MIX-TF006
Entries 8.060905e+07
TOF MULT
TOF tray

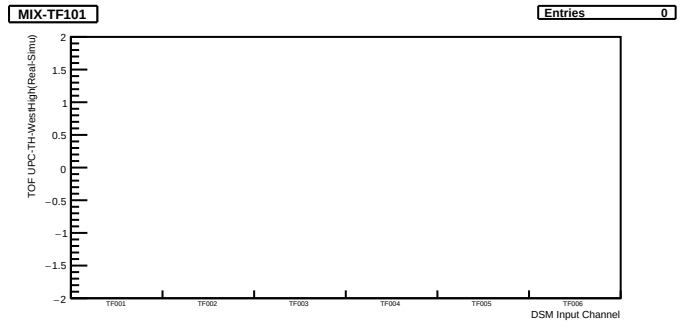

MIX-TF101
Entries 2.303116e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

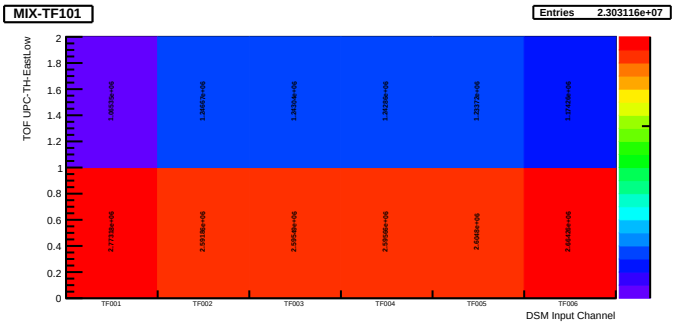

MIX-TF101
Entries 5214363
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

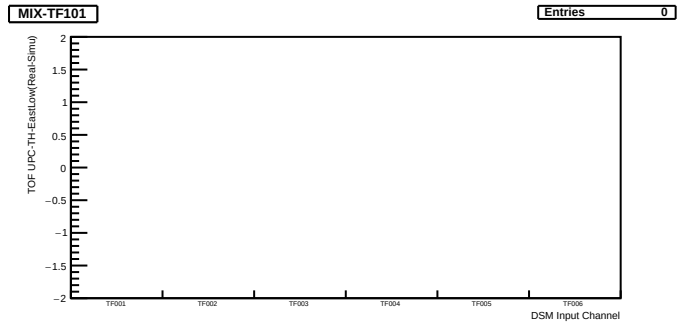

MIX-TF101
Entries 2.303116e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

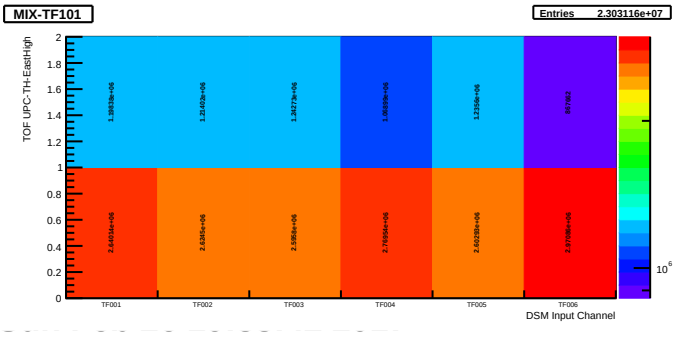

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

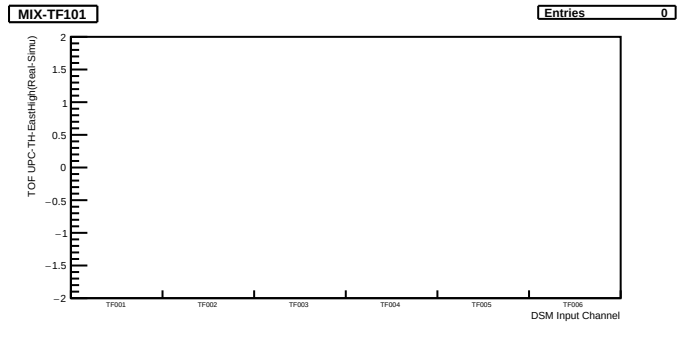

MIX-TF101
Entries 2.303116e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

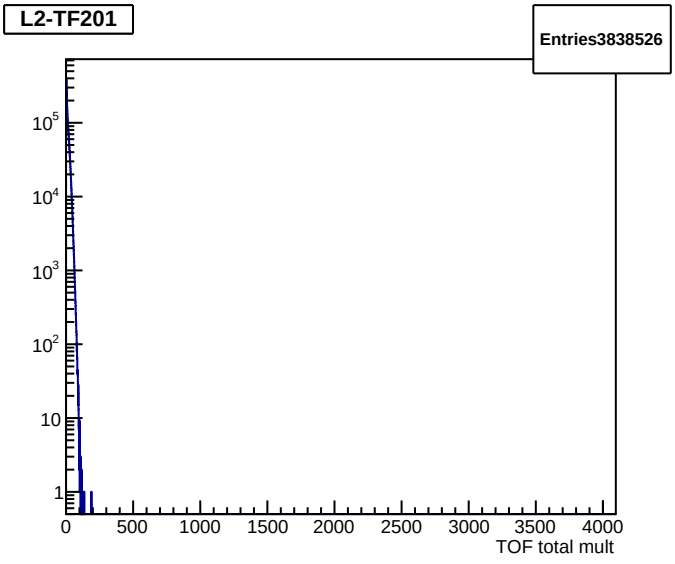

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

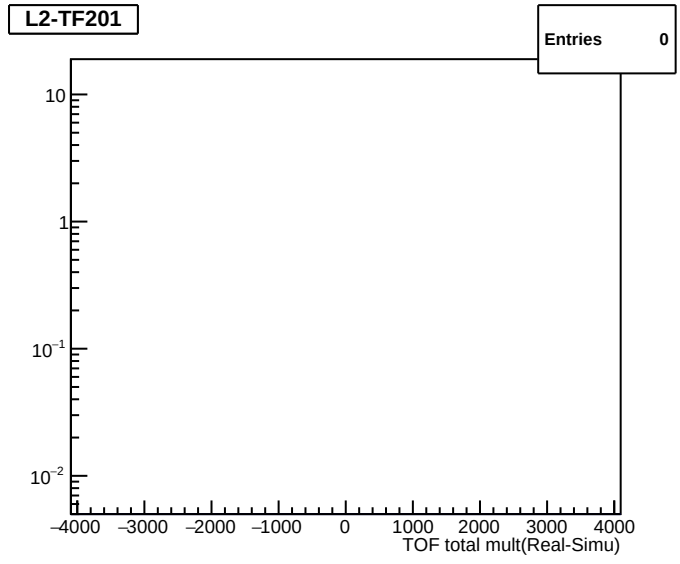

MIX-TF101
Entries 2.303116e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

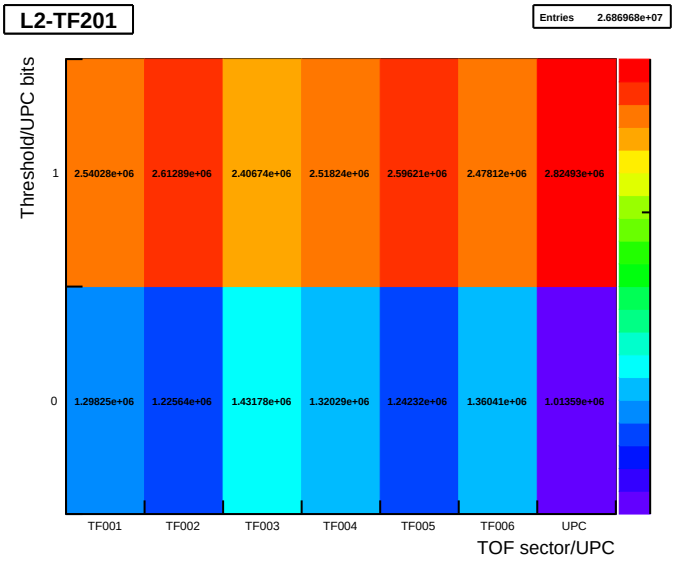

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

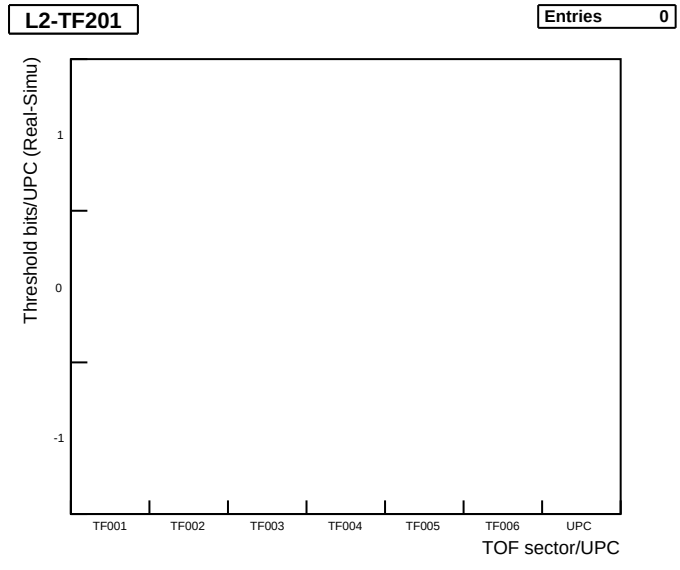

MIX-TF101
Entries 2.303116e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

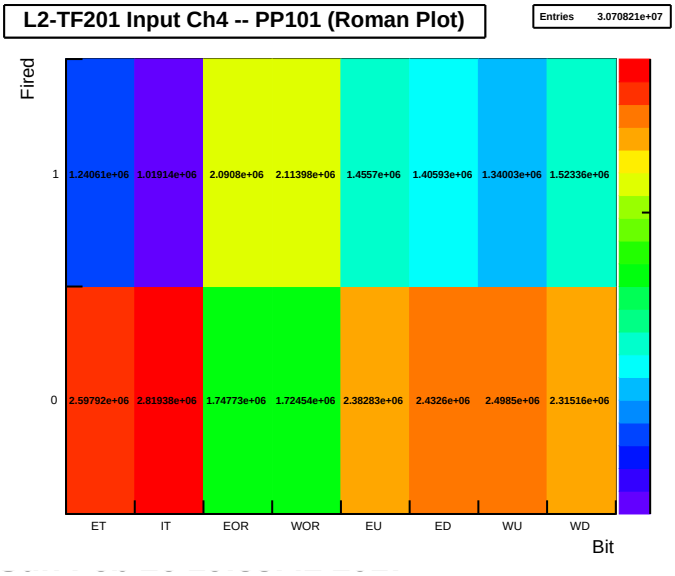

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

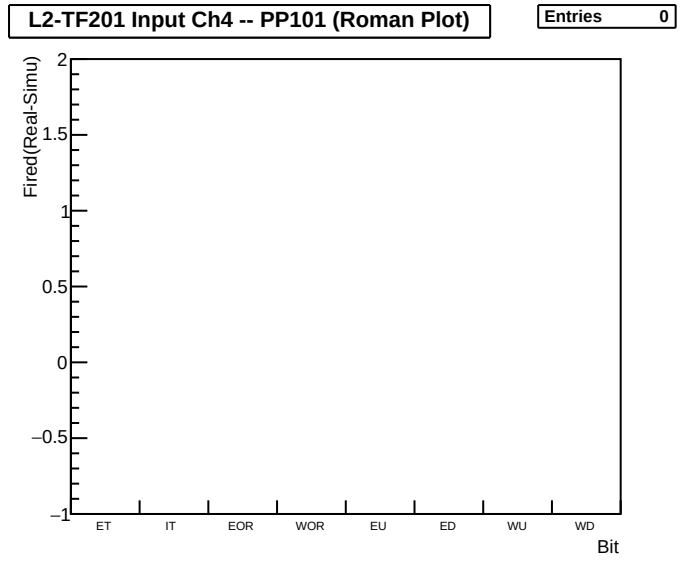

L2-TF201
Entries3838526
TOF total mult

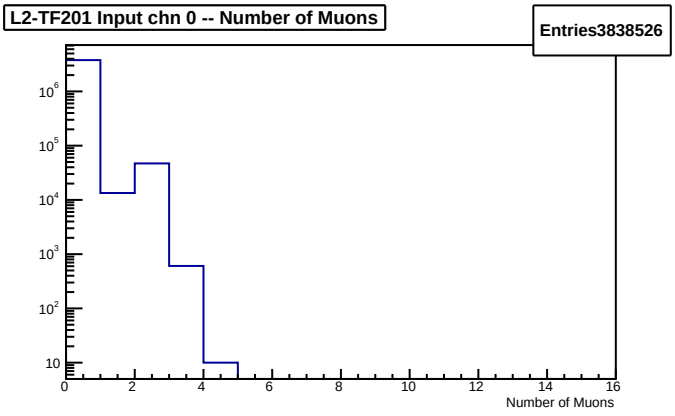

L2-TF201
Entries 0
TOF total mult(Real-Simu)

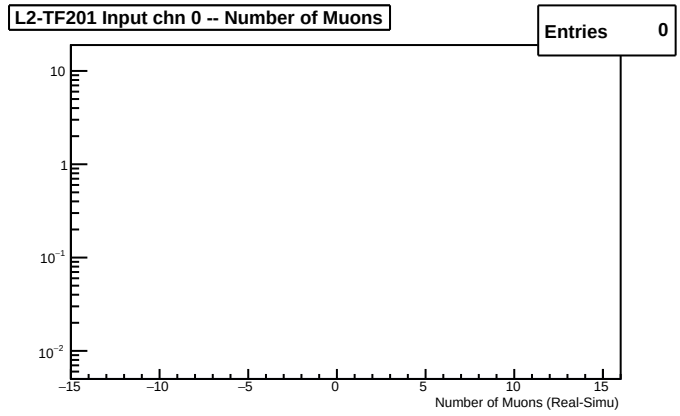

L2-TF201
Entries 2.686968e+07
Threshold/UPC bits
2.54028e+06
2.61289e+06
2.40674e+06
2.51824e+06
2.59621e+06
2.47812e+06
2.82493e+06
1.29825e+06
1.22564e+06
1.43178e+06
1.32029e+06
1.24232e+06
1.36041e+06
1.01359e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

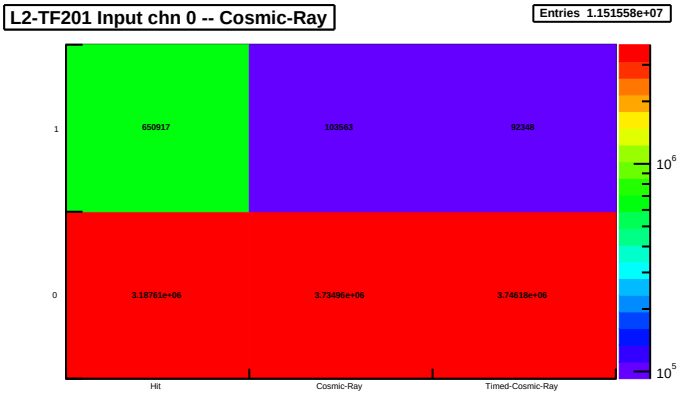

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

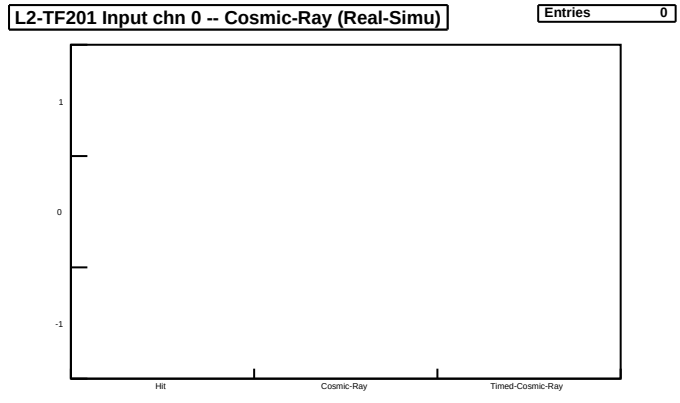

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.070821e+07
Fired
1.24061e+06
1.01914e+06
2.0908e+06
2.11398e+06
1.4557e+06
1.40593e+06
1.34003e+06
1.52336e+06
2.59792e+06
2.81938e+06
1.74773e+06
1.72454e+06
2.38283e+06
2.4326e+06
2.4985e+06
2.31516e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

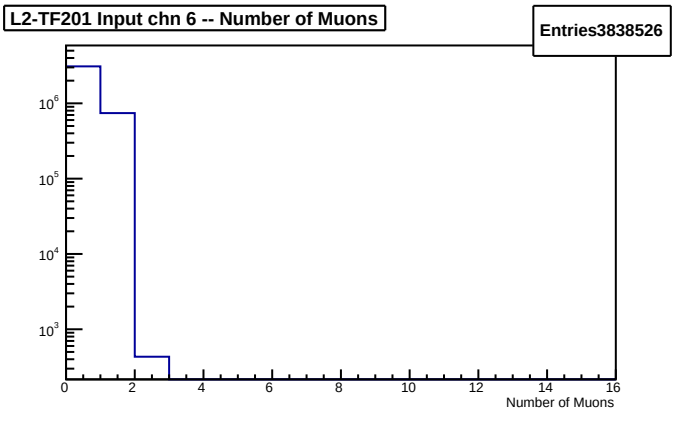

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

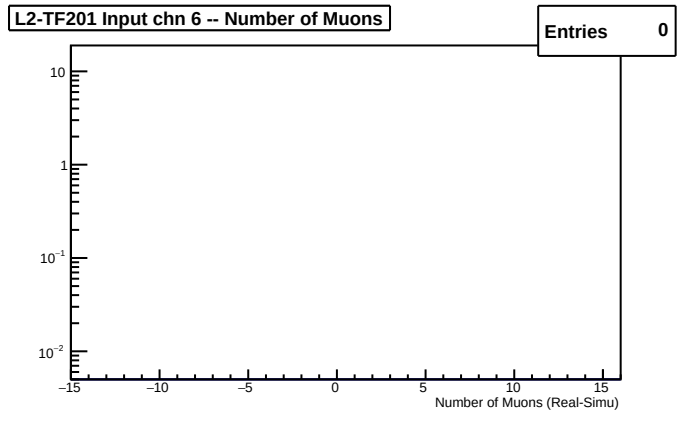

L2-TF201 Input chn 0 -- Number of Muons
Entries3838526
Number of Muons

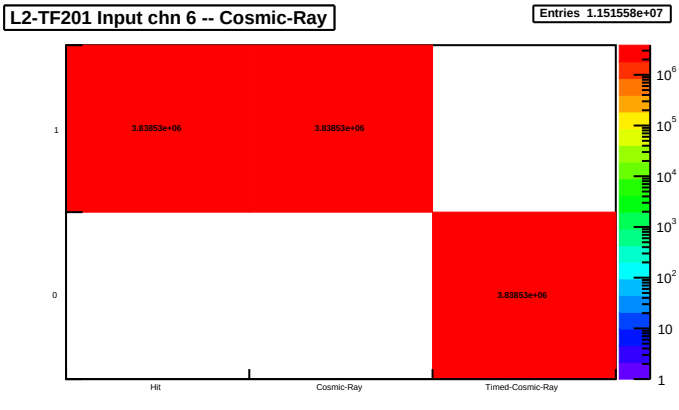

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

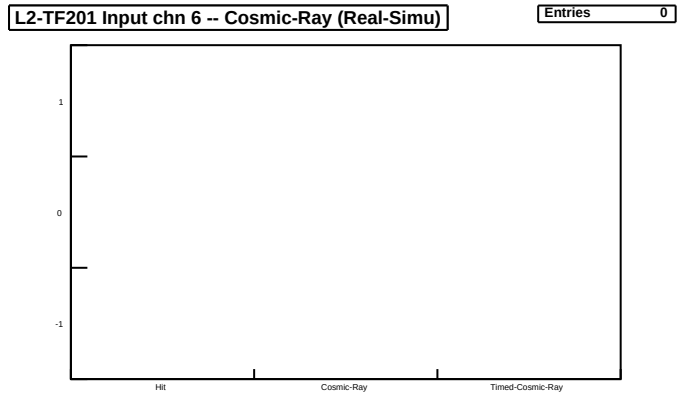

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.151558e+07
650917
103563
92348
3.18761e+06
3.73496e+06
3.74618e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

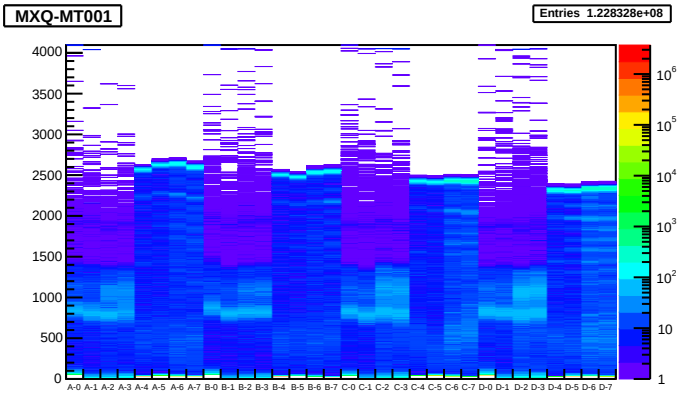

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

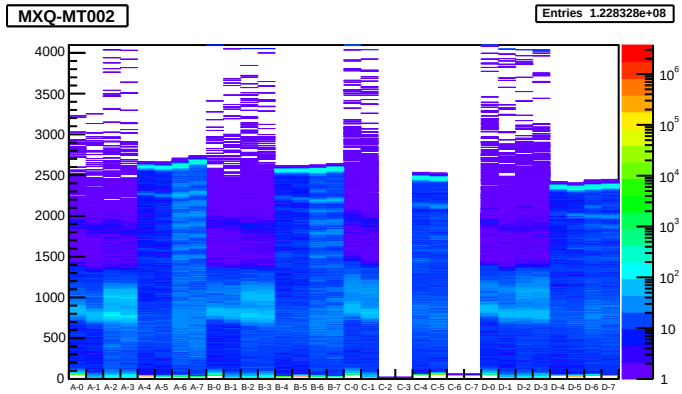

L2-TF201 Input chn 6 -- Number of Muons
Entries3838526
Number of Muons

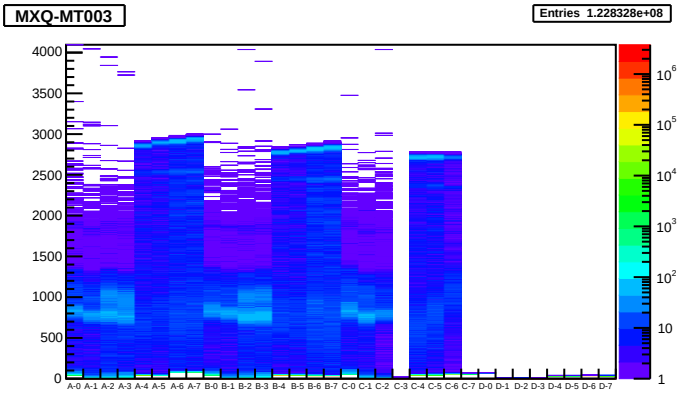

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

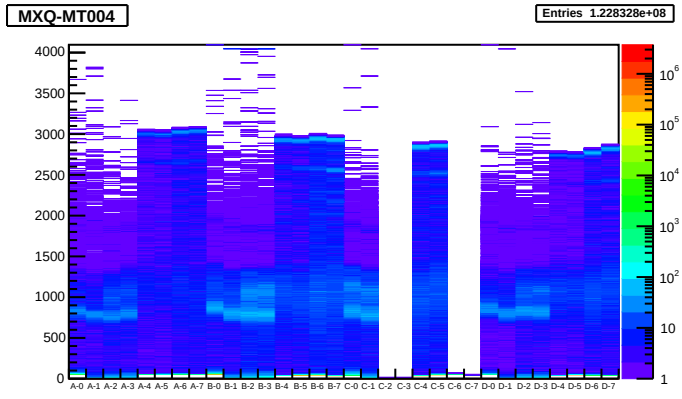

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.151558e+07
3.83853e+06
3.83853e+06
3.83853e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

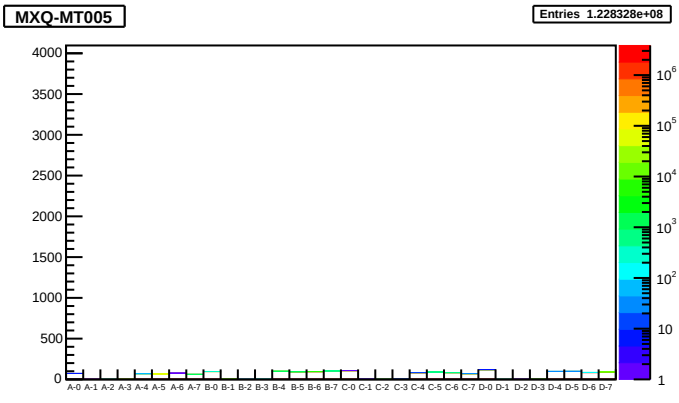

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

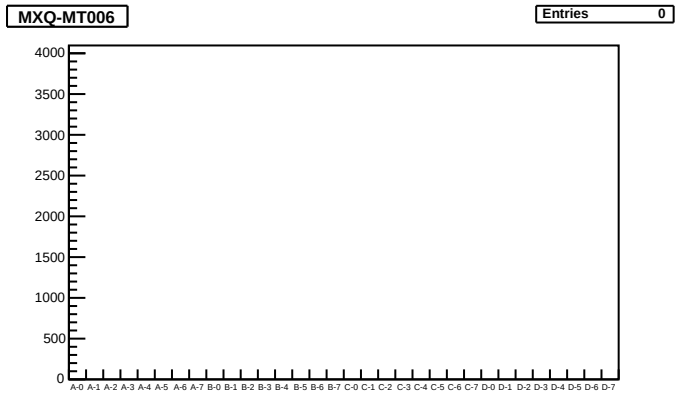

MXQ-MT001
Entries 1.228328e+08

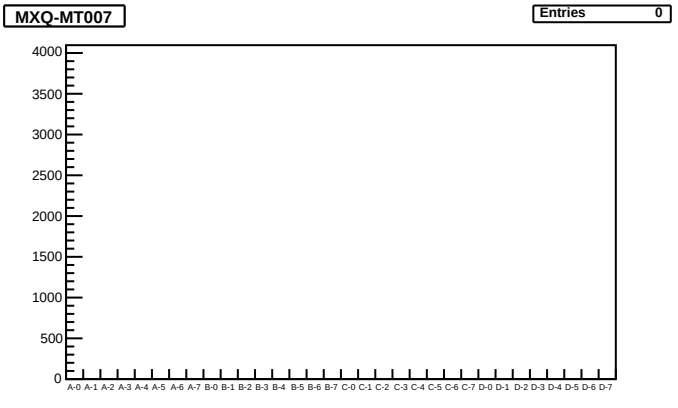

MXQ-MT002
Entries 1.228328e+08

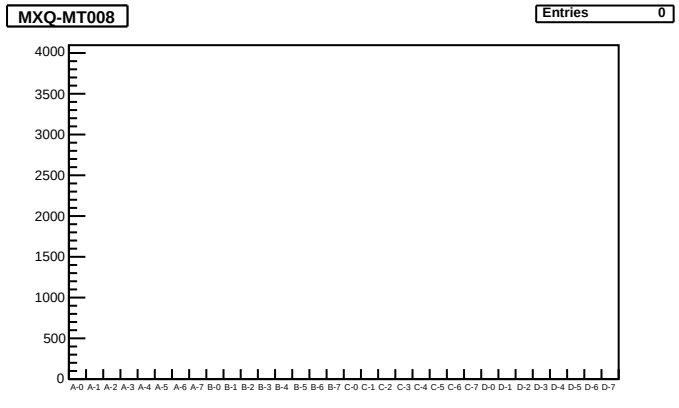

MXQ-MT003
Entries 1.228328e+08

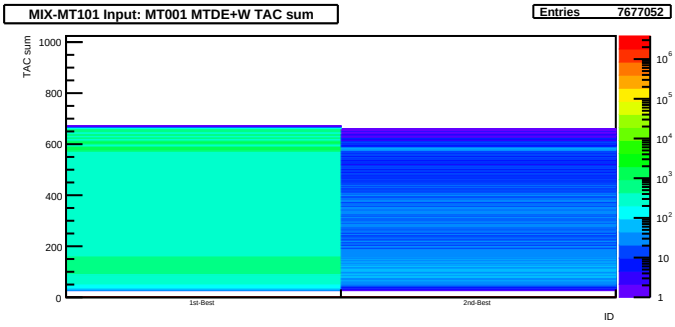

MXQ-MT004
Entries 1.228328e+08

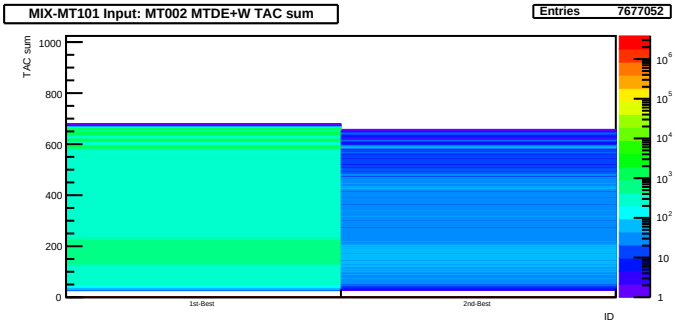

MXQ-MT005
Entries 1.228328e+08

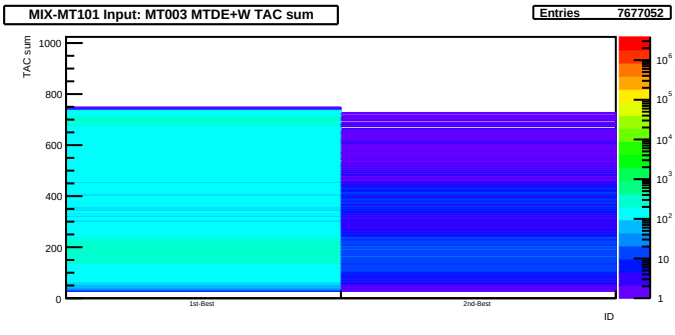

MXQ-MT006
Entries 0

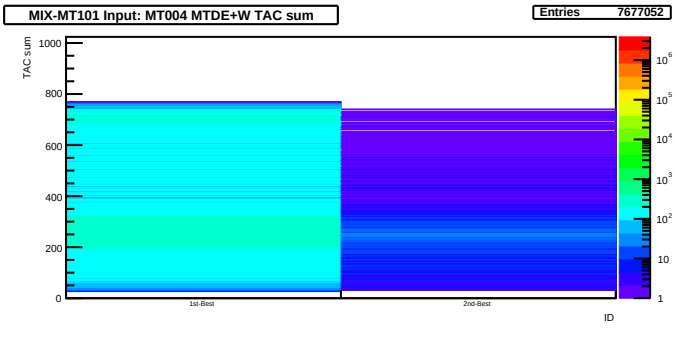

MXQ-MT007
Entries 0

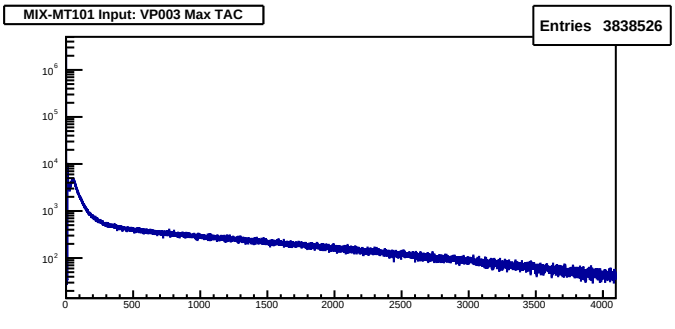

MXQ-MT008
Entries 0

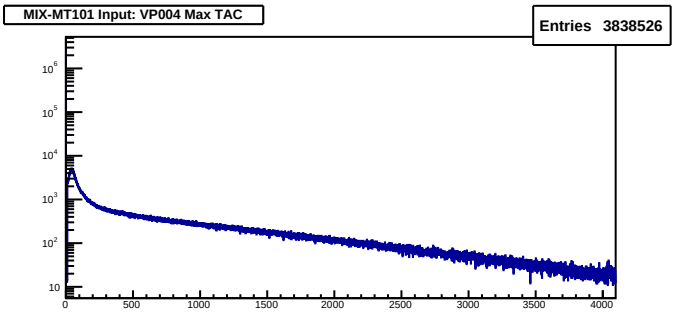

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID

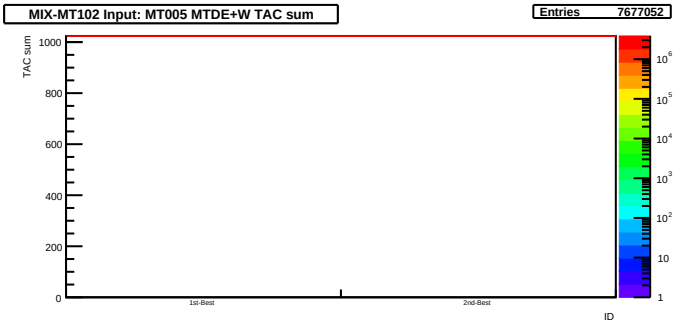

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID

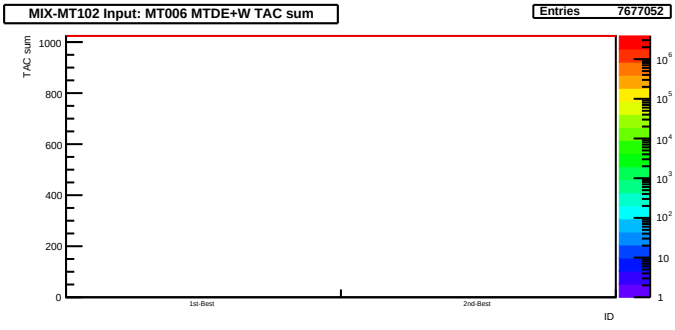

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID

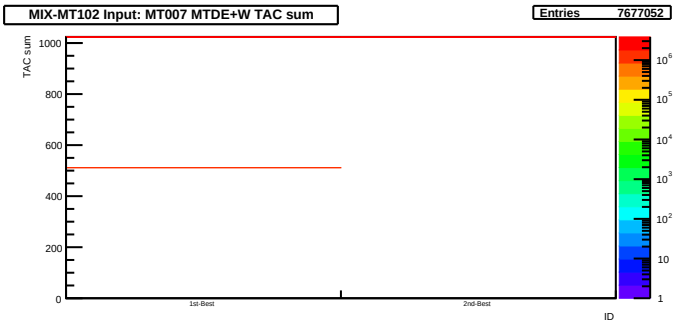

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID

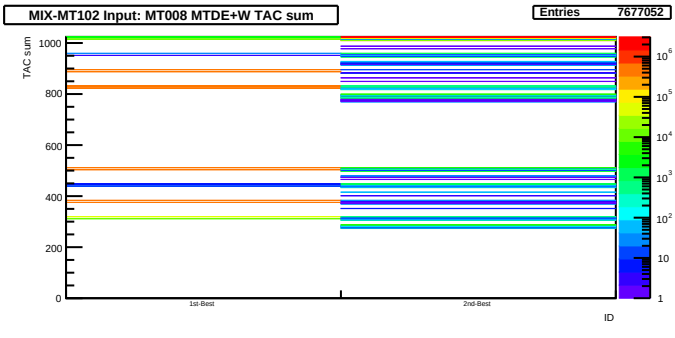

MIX-MT101 Input: VP003 Max TAC
Entries 3838526

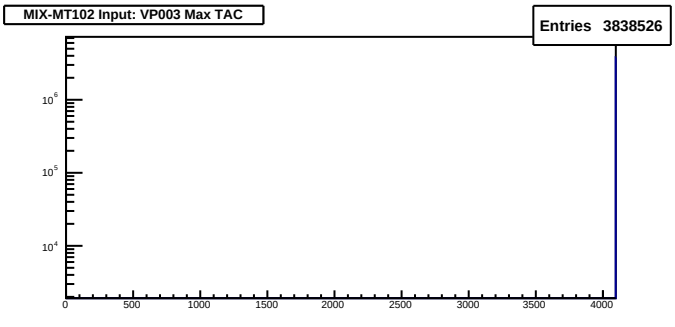

MIX-MT101 Input: VP004 Max TAC
Entries 3838526

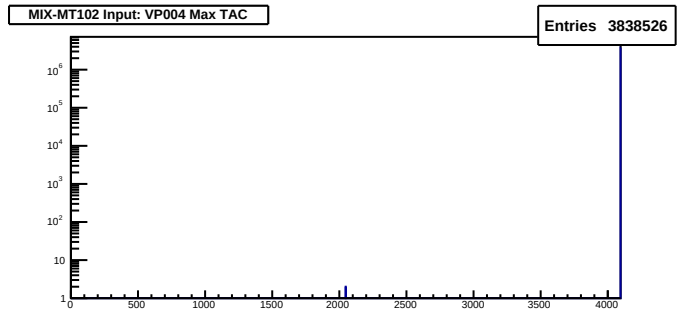

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID

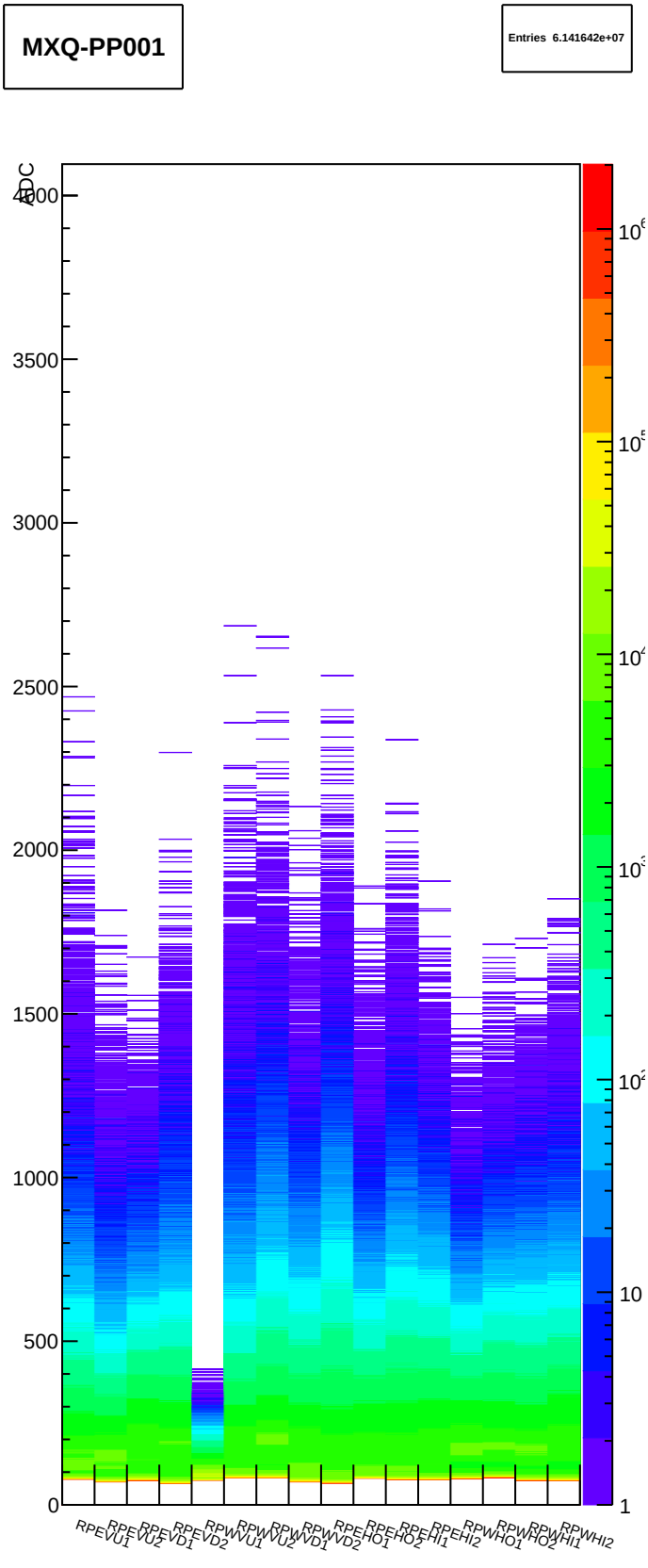

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 7677052
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 3838526


MIX-MT102 Input: VP004 Max TAC
Entries 3838526


MXQ-PP001
Entries 6.141642e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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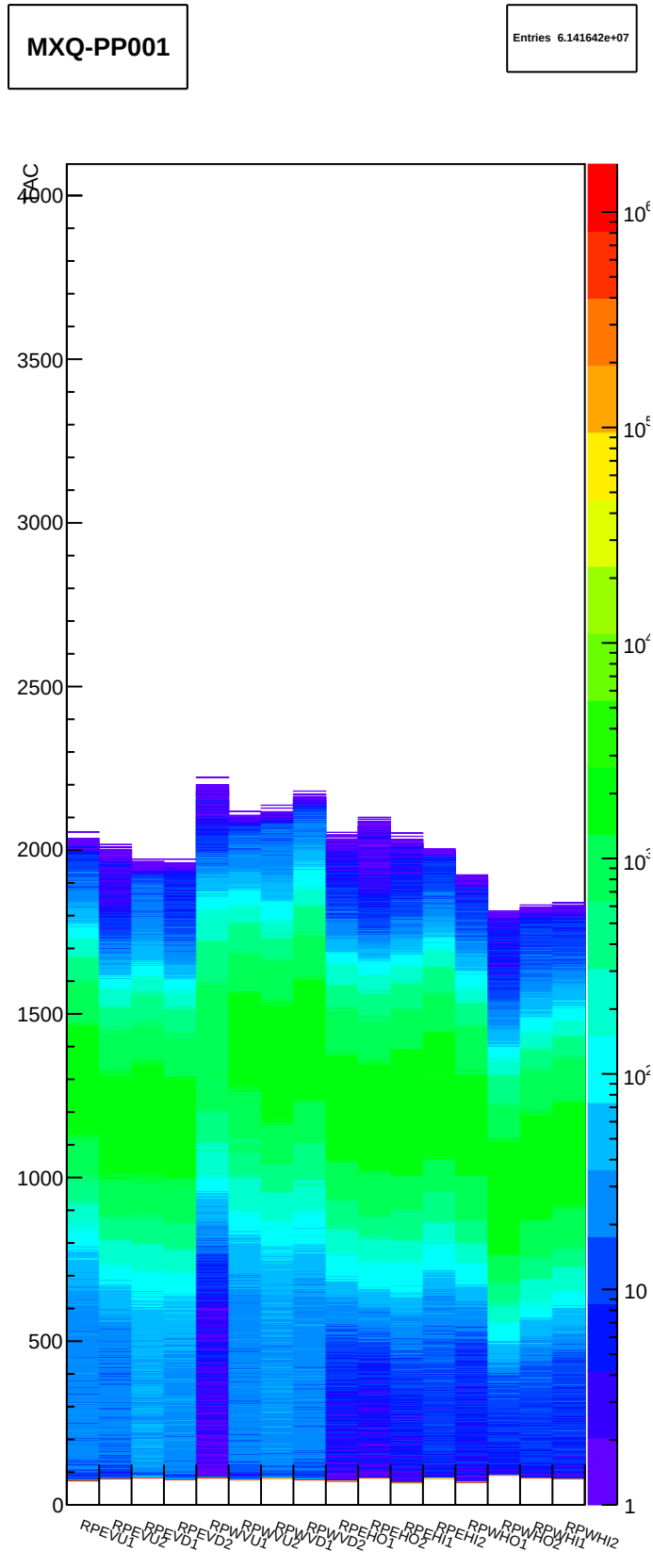
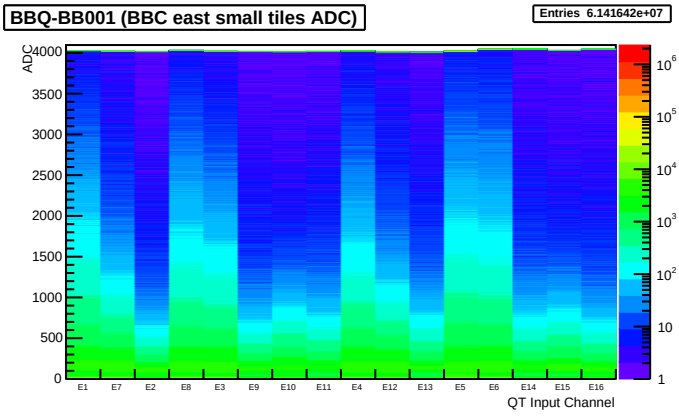
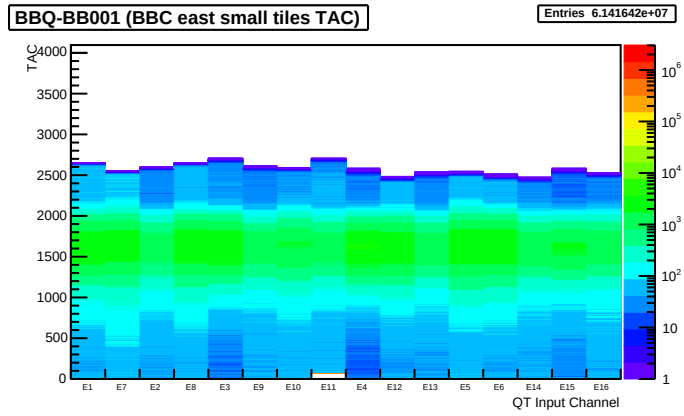
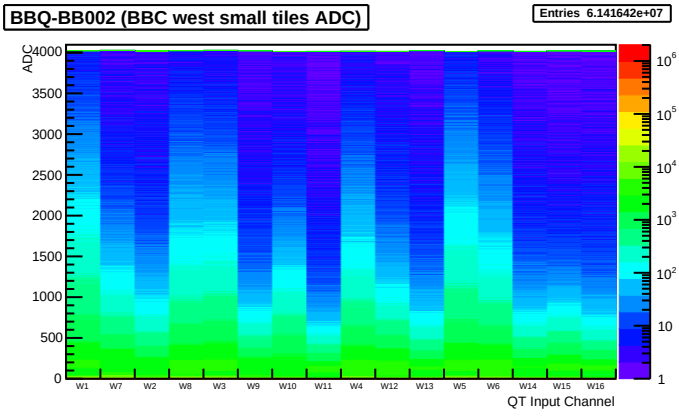
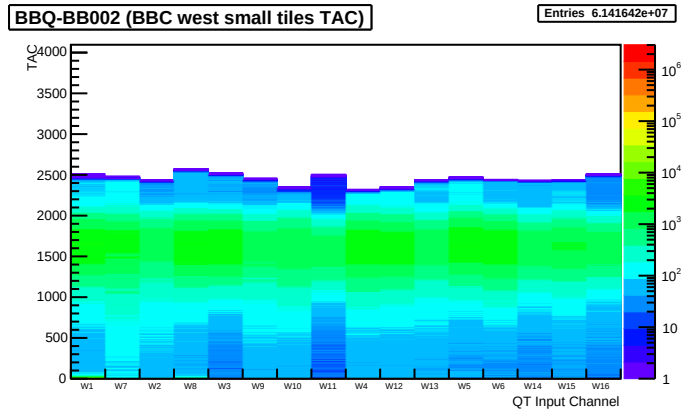
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

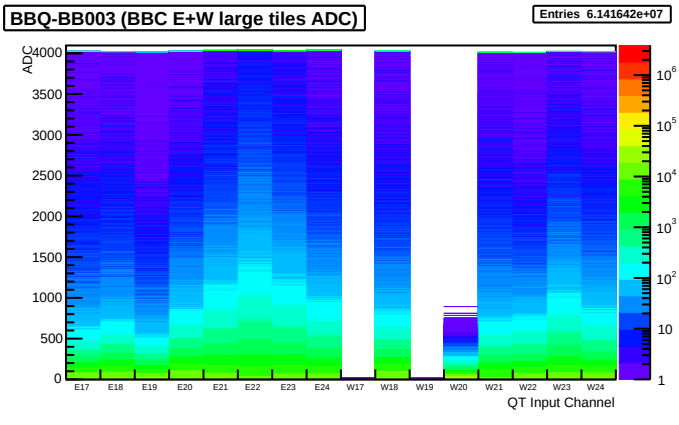

MXQ-PP001
Entries 6.141642e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

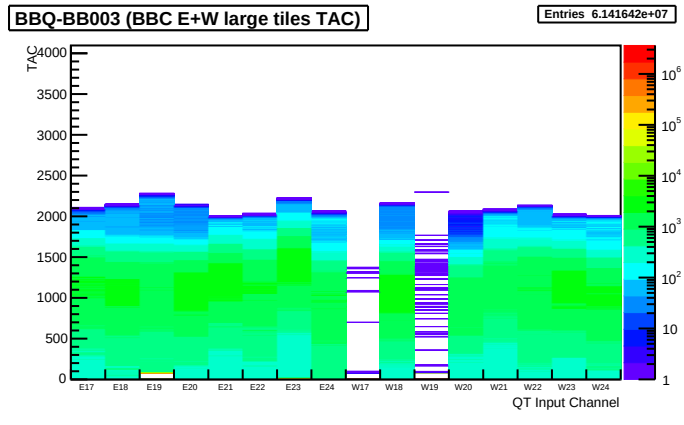

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.141642e+07
ADC
QT Input Channel

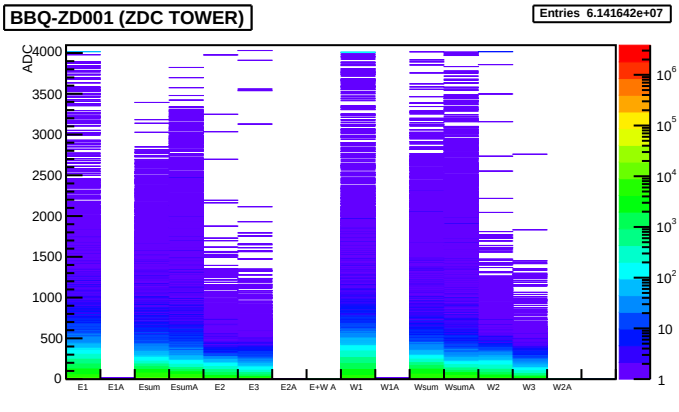

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.141642e+07
TAC
QT Input Channel

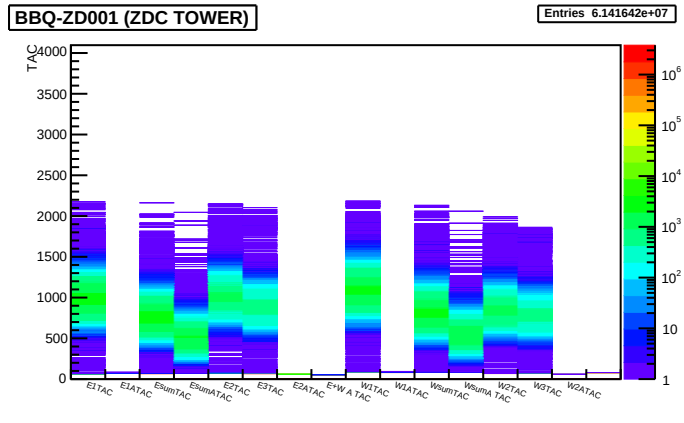

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.141642e+07
ADC
QT Input Channel

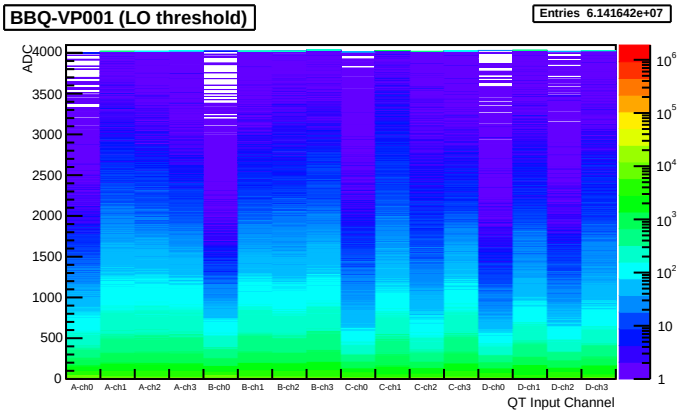

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.141642e+07
TAC
QT Input Channel

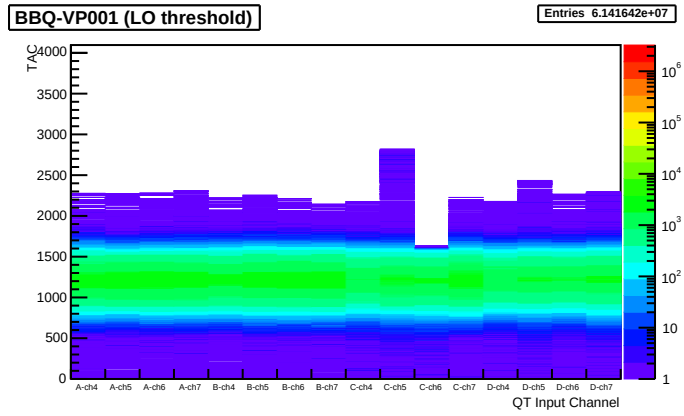

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.141642e+07
ADC
QT Input Channel

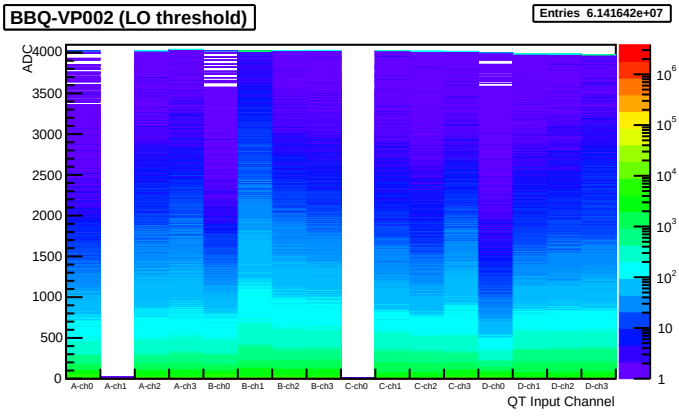

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.141642e+07
TAC
QT Input Channel

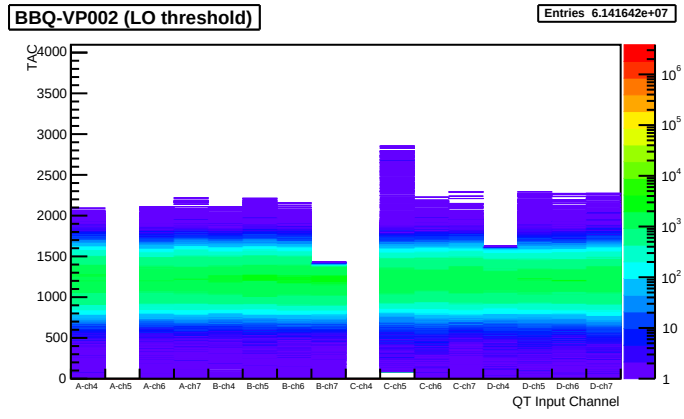

BBQ-ZD001 (ZDC TOWER)
Entries 6.141642e+07
ADC

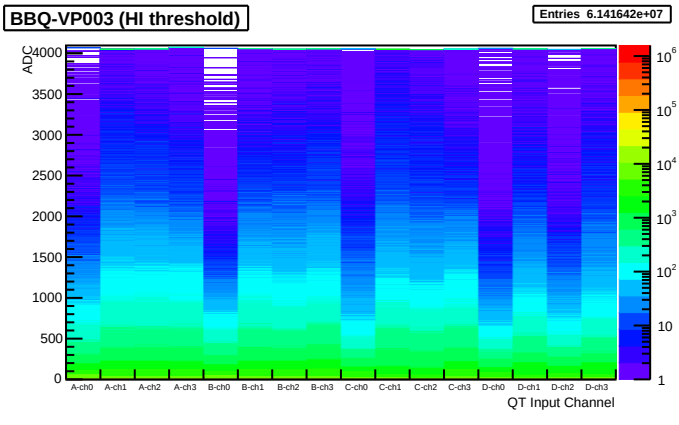

BBQ-ZD001 (ZDC TOWER)
Entries 6.141642e+07
TAC

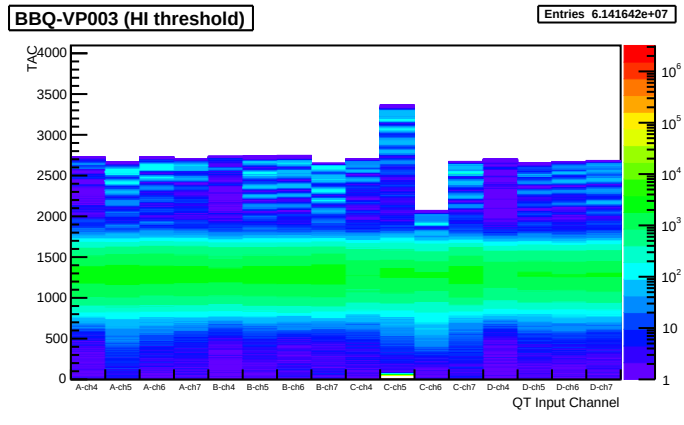

BBQ-VP001 (LO threshold)
Entries 6.141642e+07
ADC
QT Input Channel

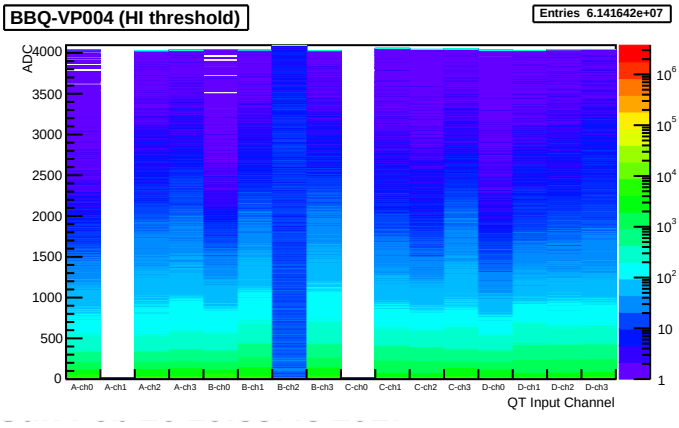

BBQ-VP001 (LO threshold)
Entries 6.141642e+07
TAC
QT Input Channel

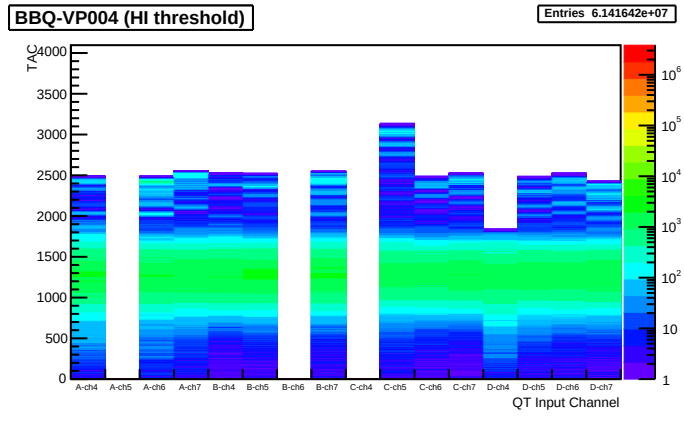

BBQ-VP002 (LO threshold)
Entries 6.141642e+07
ADC
QT Input Channel

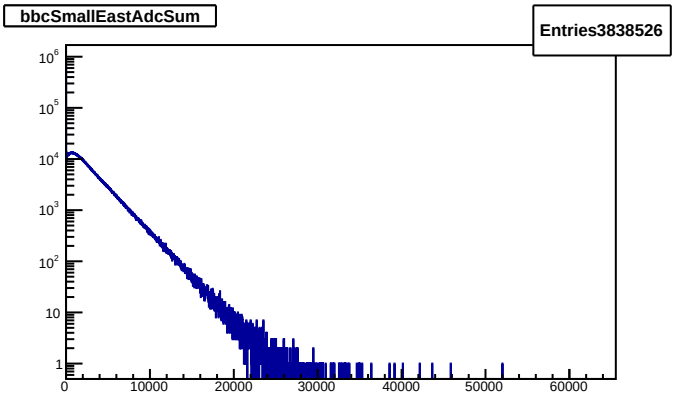

BBQ-VP002 (LO threshold)
Entries 6.141642e+07
TAC
QT Input Channel

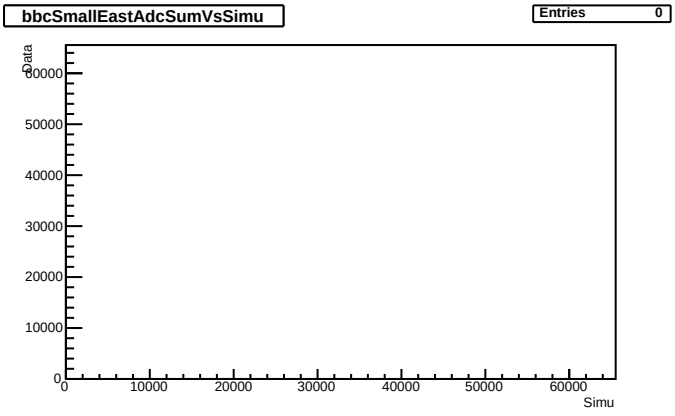

BBQ-VP003 (HI threshold)
Entries 6.141642e+07
ADC
QT Input Channel

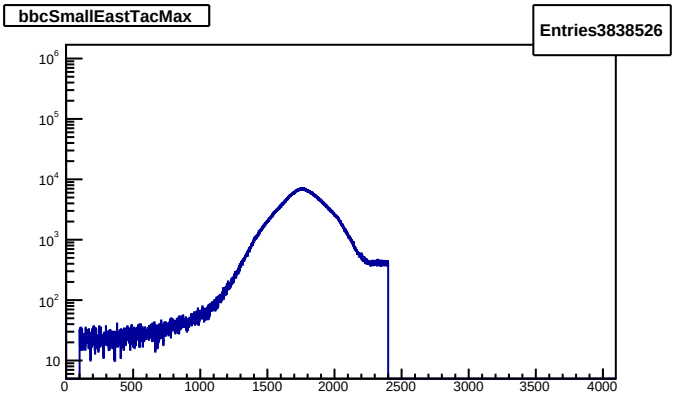

BBQ-VP003 (HI threshold)
Entries 6.141642e+07
TAC
QT Input Channel

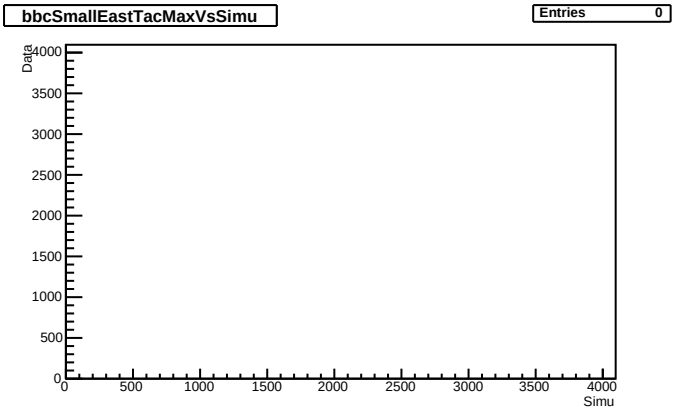

BBQ-VP004 (HI threshold)
Entries 6.141642e+07
ADC
QT Input Channel

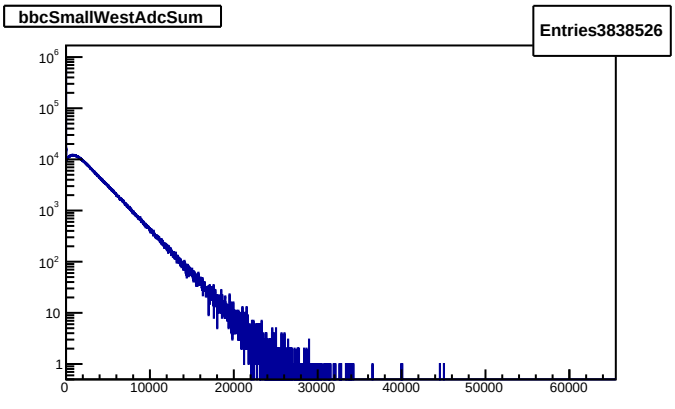

BBQ-VP004 (HI threshold)
Entries 6.141642e+07
TAC
QT Input Channel

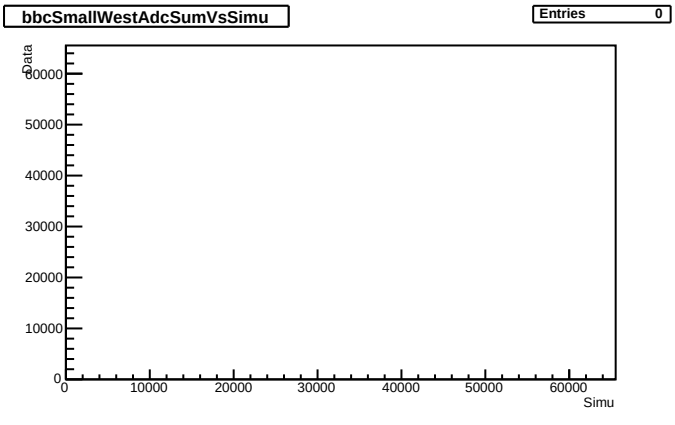

bbcSmallEastAdcSum
Entries3838526

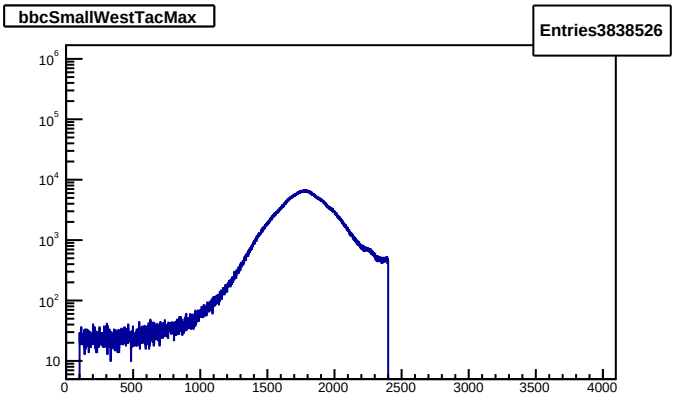

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

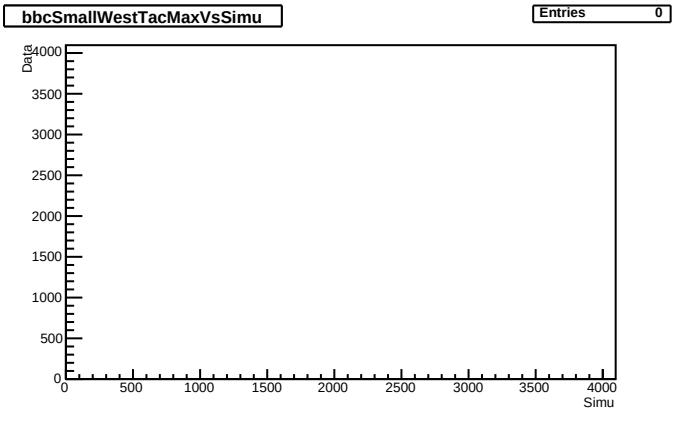

bbcSmallEastTacMax
Entries3838526

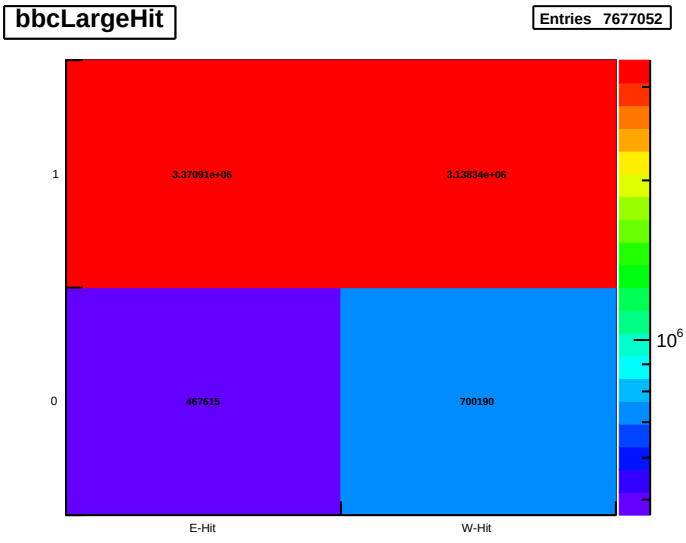

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

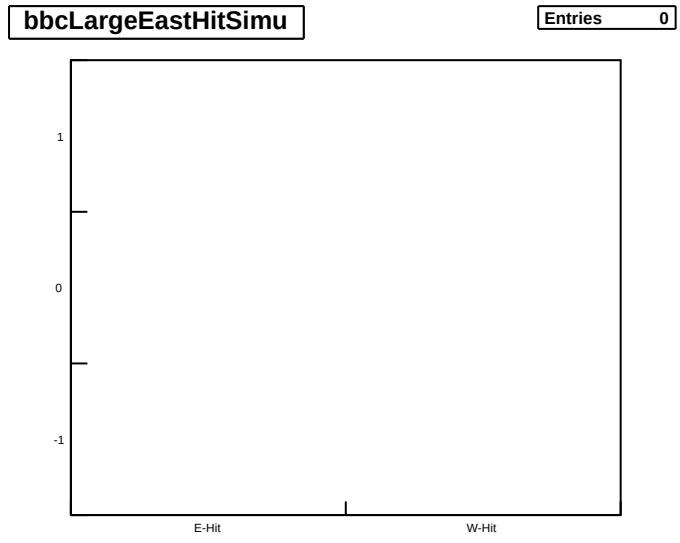

bbcSmallWestAdcSum
Entries3838526

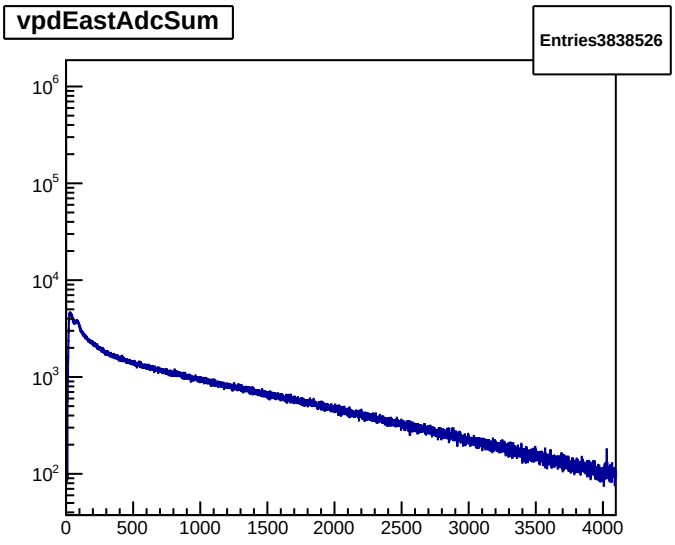

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

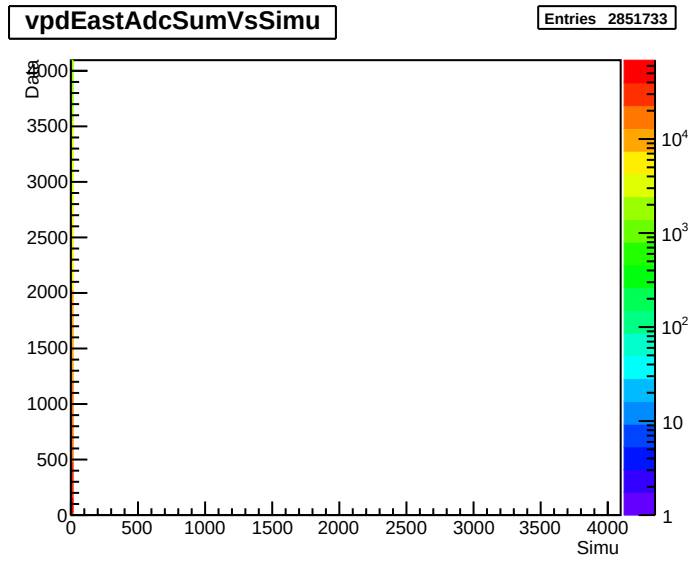

bbcSmallWestTacMax
Entries3838526

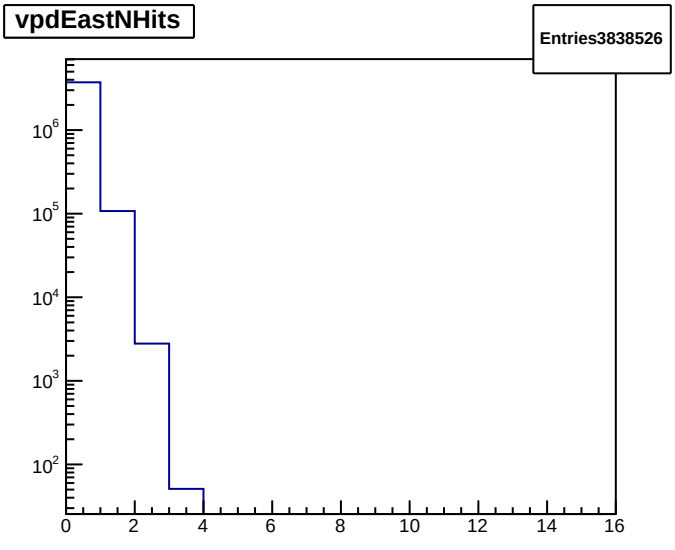

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

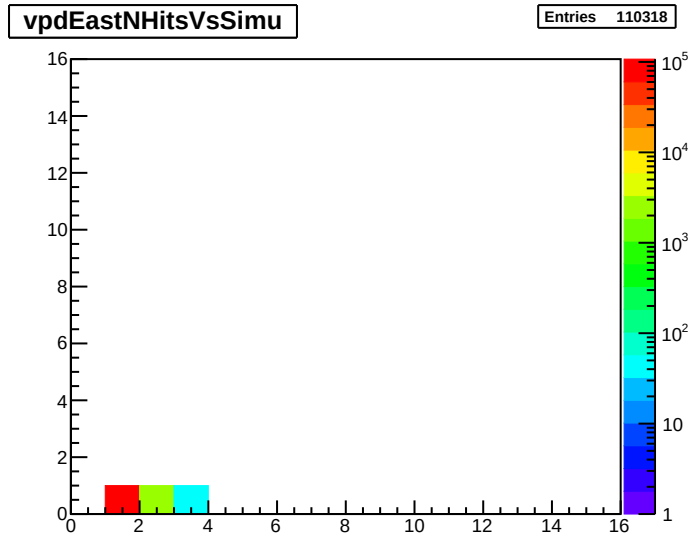

bbcLargeHit
Entries 7677052
1
0
3.37091e+06
3.13834e+06
467615
700190
E-Hit
W-Hit
10^6

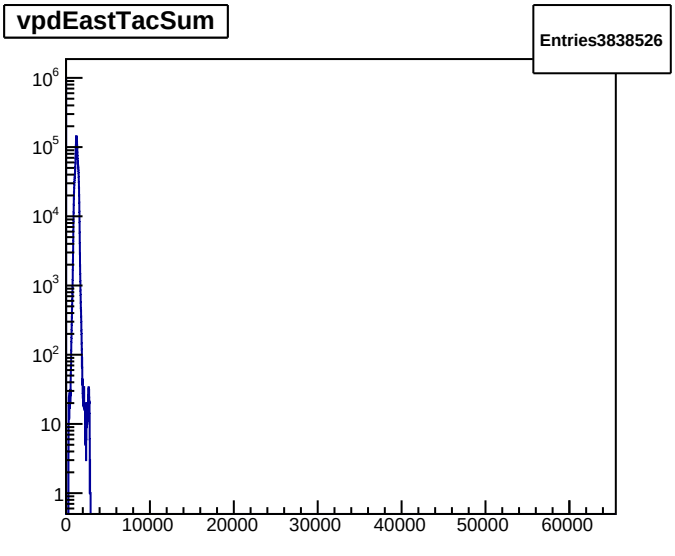

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

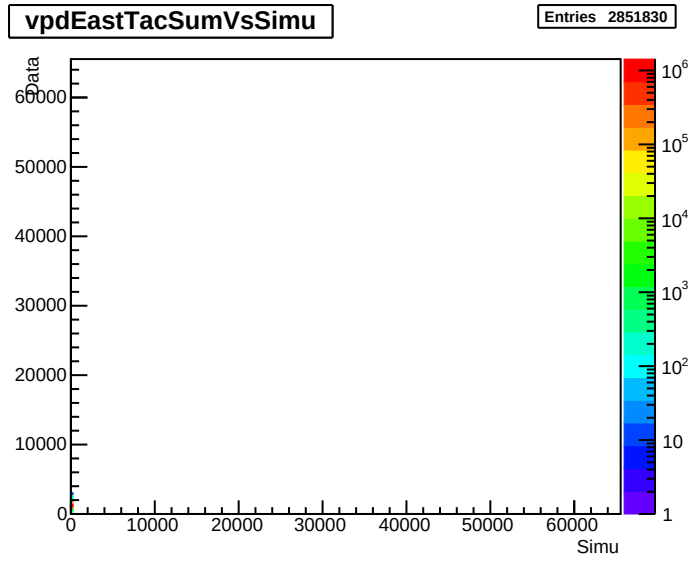

vpdEastAdcSum
Entries3838526

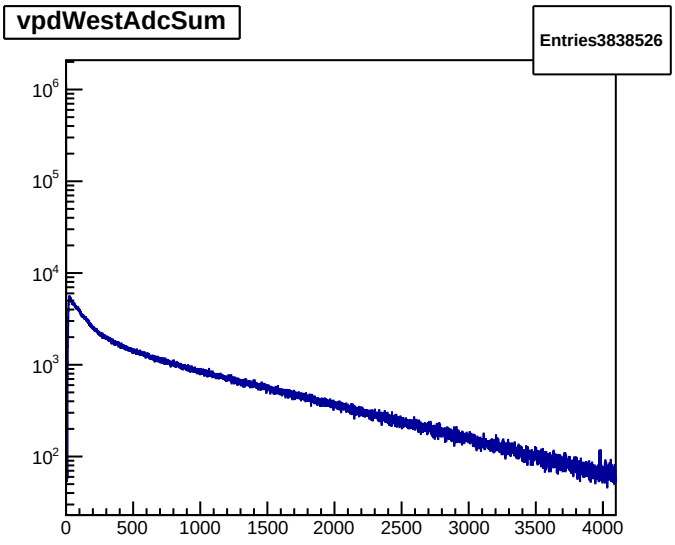

vpdEastAdcSumVsSimu
Entries 2851733
Data
Simu

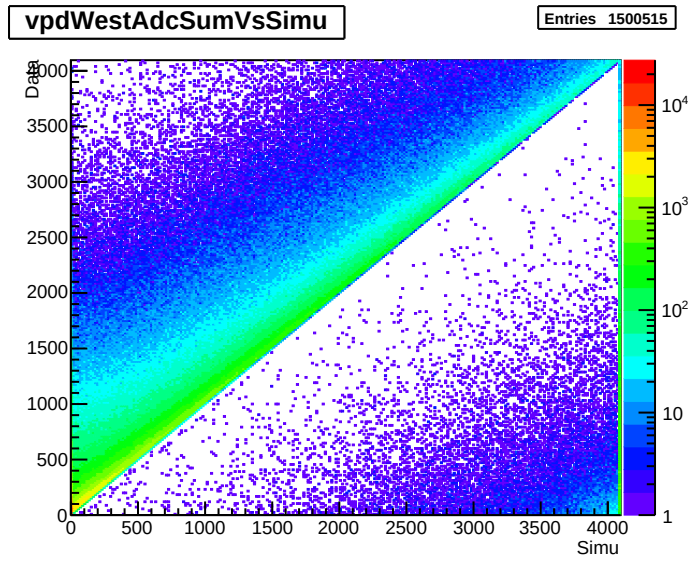

vpdEastNHits
Entries3838526

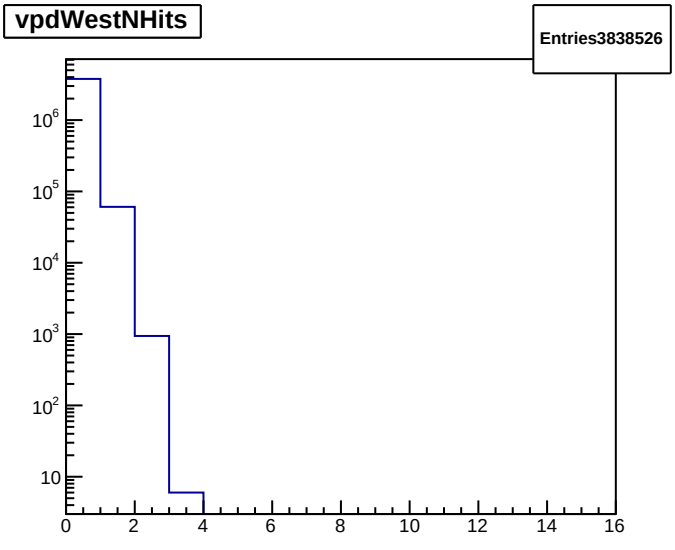

vpdEastNHitsVsSimu
Entries 110318

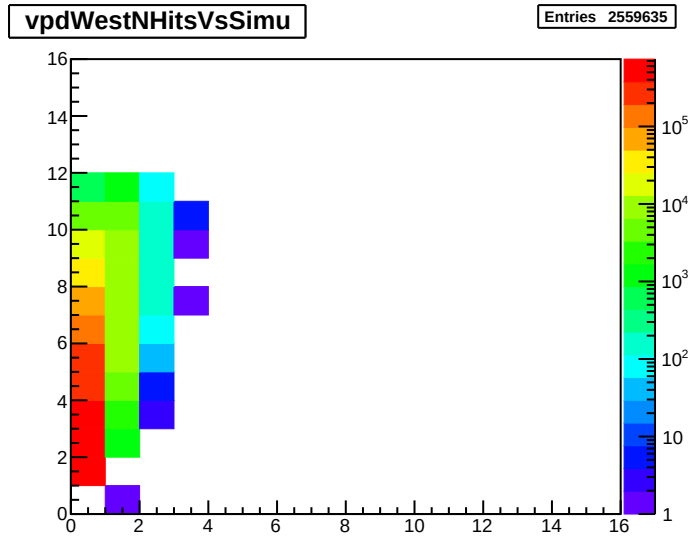

vpdEastTacSum
Entries3838526

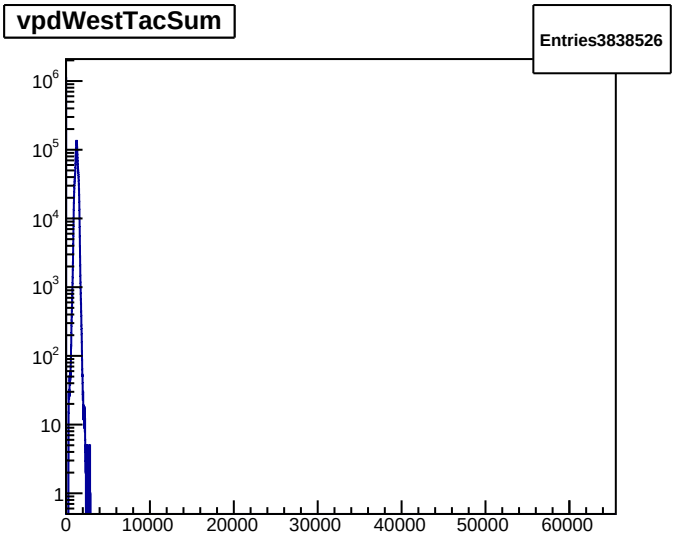

vpdEastTacSumVsSimu
Entries 2851830
Data
Simu

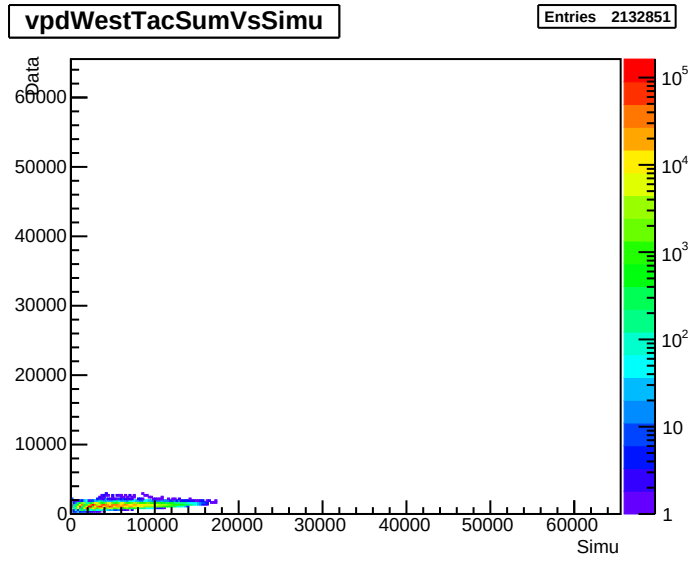

vpdWestAdcSum
Entries3838526

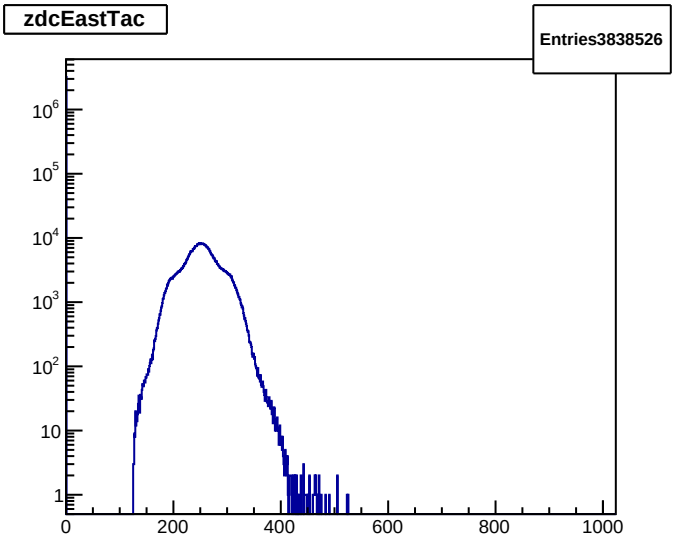

vpdWestAdcSumVsSimu
Entries 1500515
Data
Simu

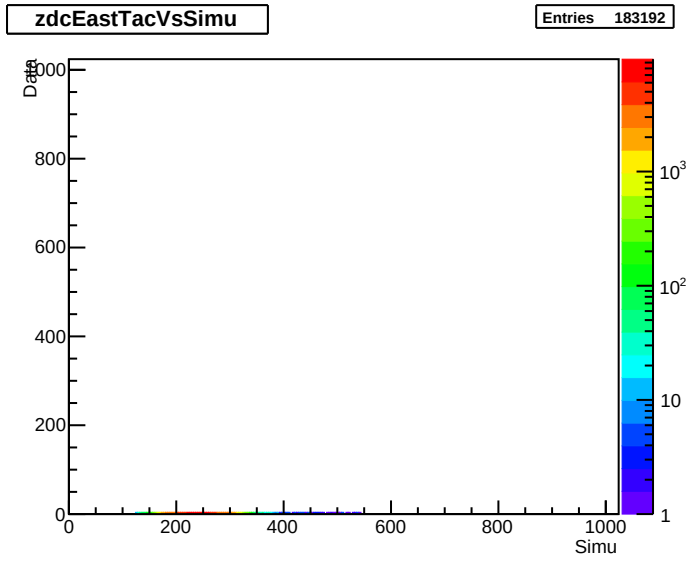

vpdWestNHits
Entries3838526

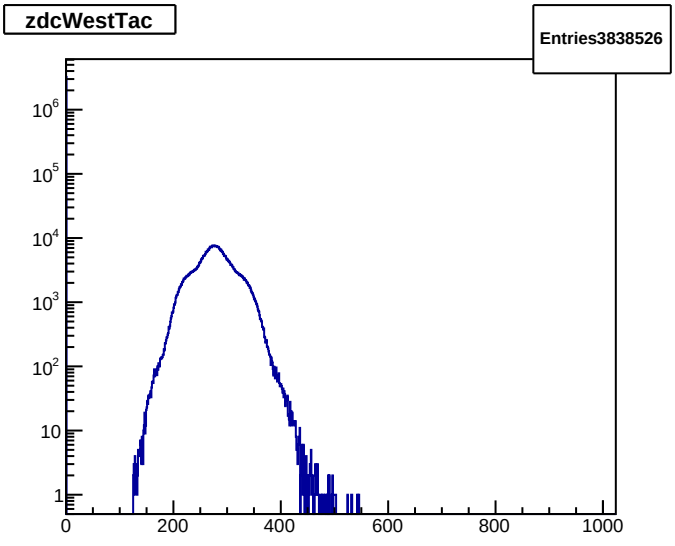

vpdWestNHitsVsSimu
Entries 2559635

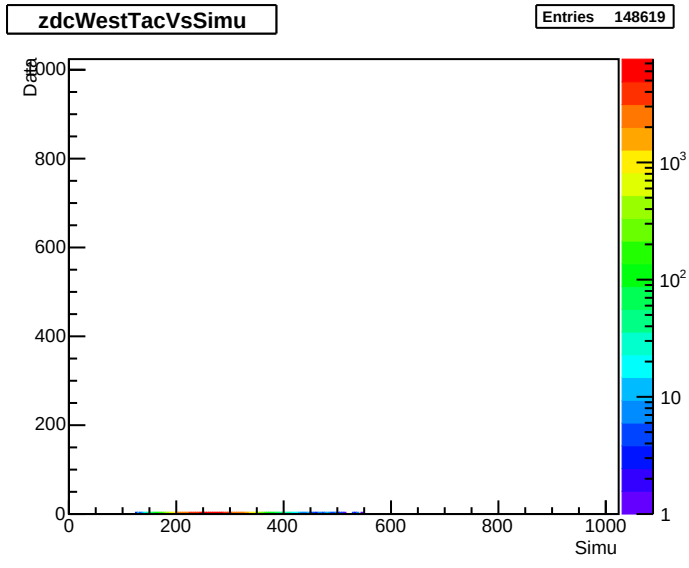

vpdWestTacSum
Entries3838526

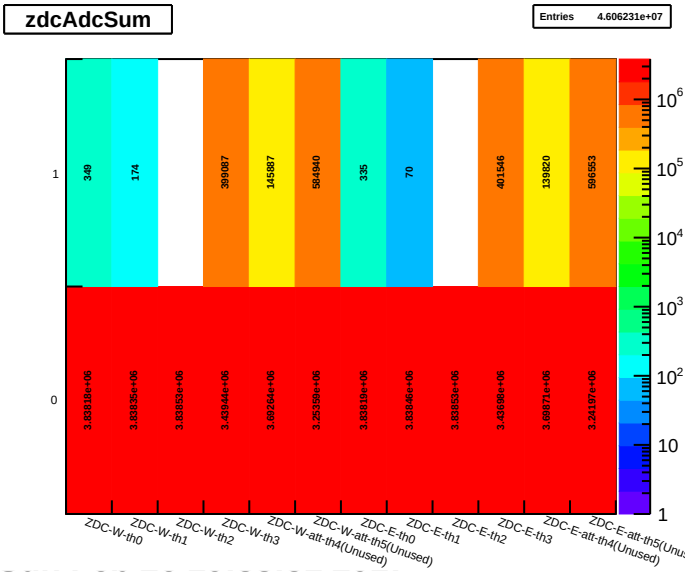

vpdWestTacSumVsSimu
Entries 2132851
Data
Simu

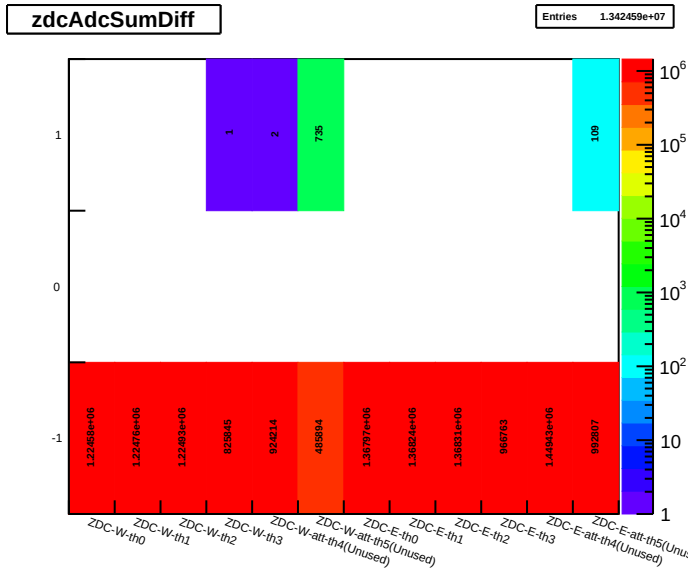

zdcEastTac
Entries3838526

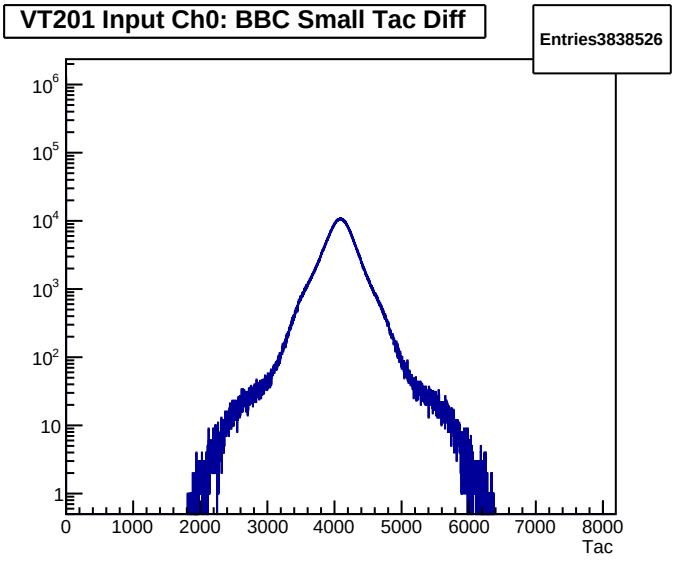

zdcEastTacVsSimu
Entries 183192
Data
Simu

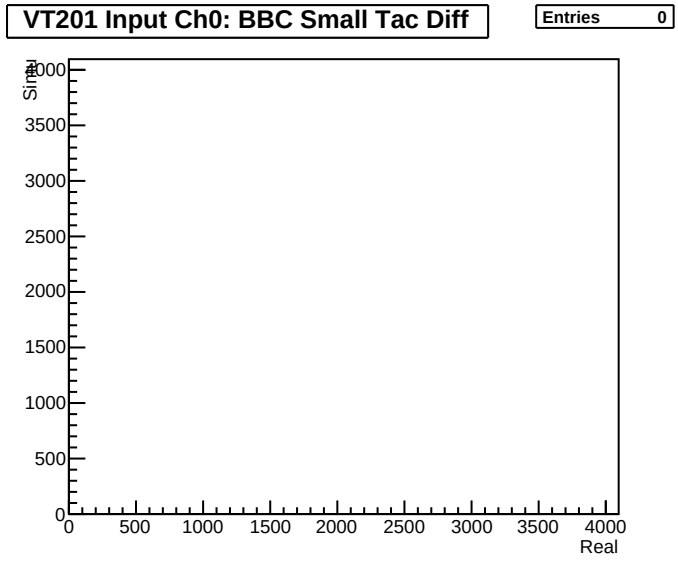

zdcWestTac
Entries3838526

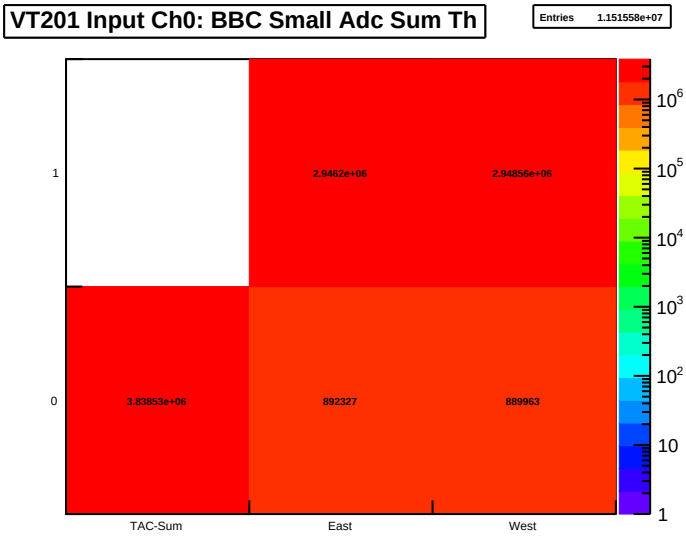

zdcWestTacVsSimu
Entries 148619
Data
Simu

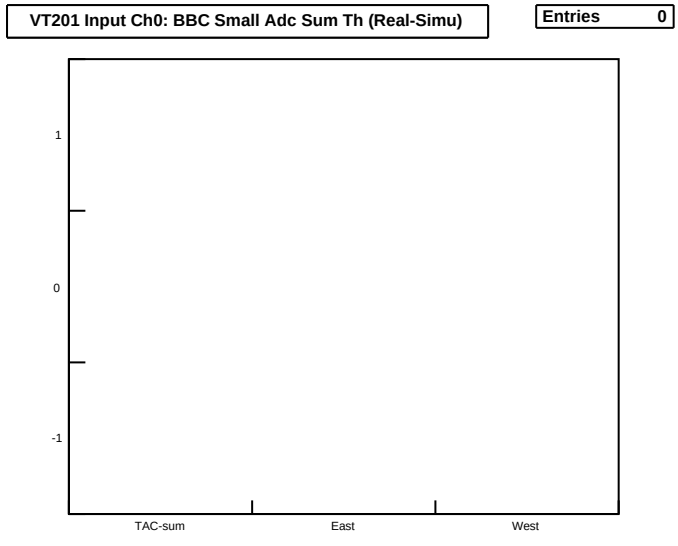

zdcAdcSum
Entries 4.606231e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

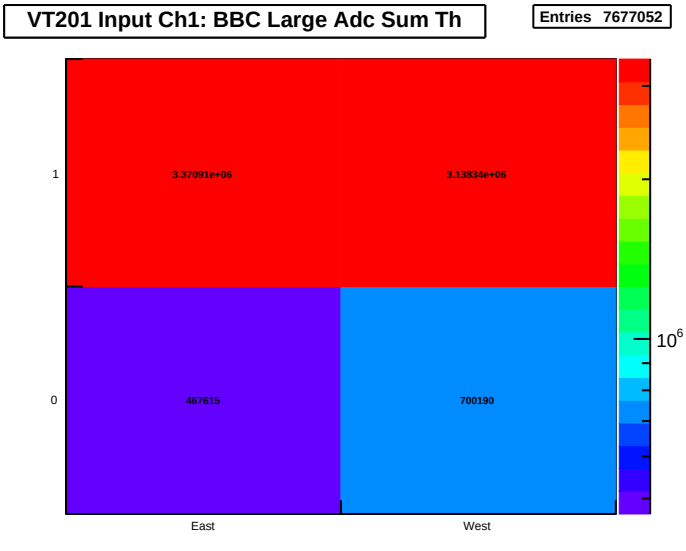

zdcAdcSumDiff
Entries 1.342459e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

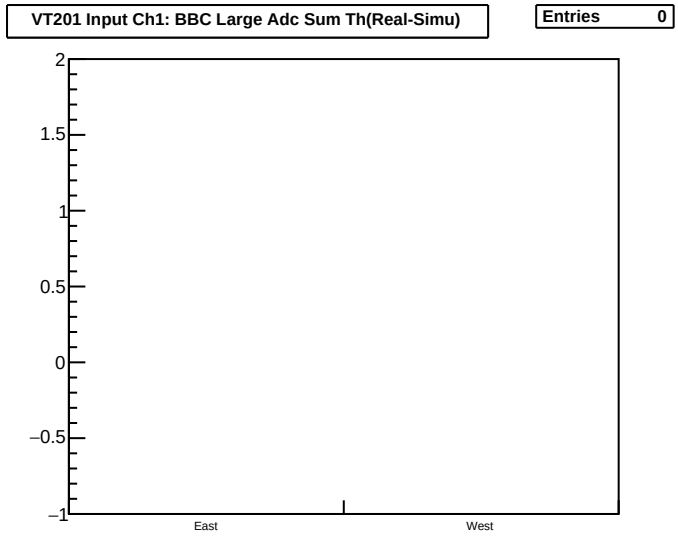

VT201 Input Ch0: BBC Small Tac Diff
Entries3838526
Tac


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

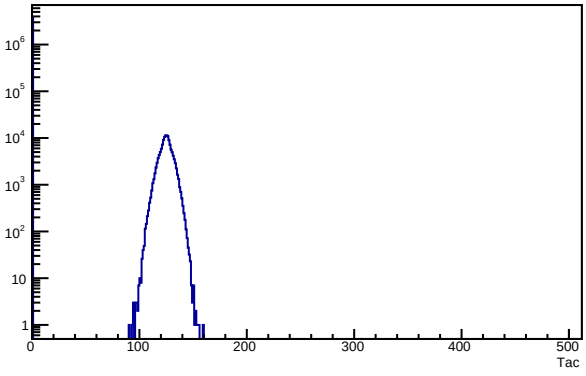

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.151558e+07
2.9462e+06
2.94856e+06
3.83853e+06
892327
889963
TAC-Sum
East
West


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

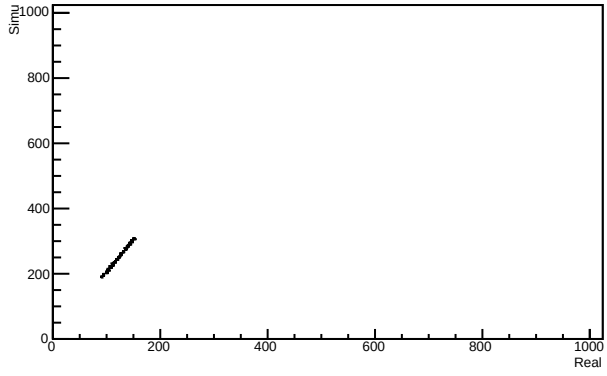

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7677052
3.37091e+06
3.13834e+06
467615
700190
East
West


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

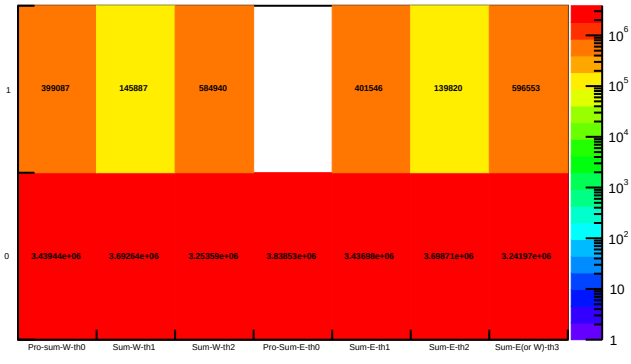
VT201 Input Ch2: ZDC Tac Diff



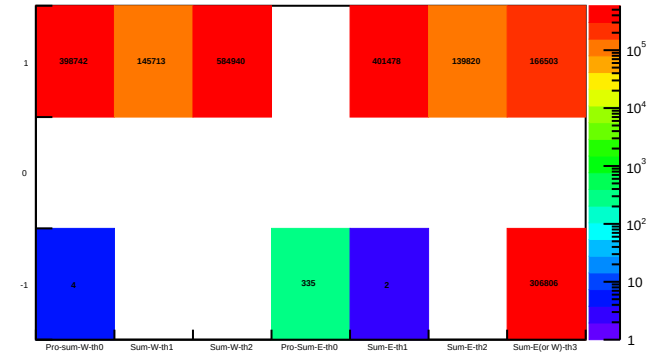
VT201 Input Ch2: ZDC Tac Diff



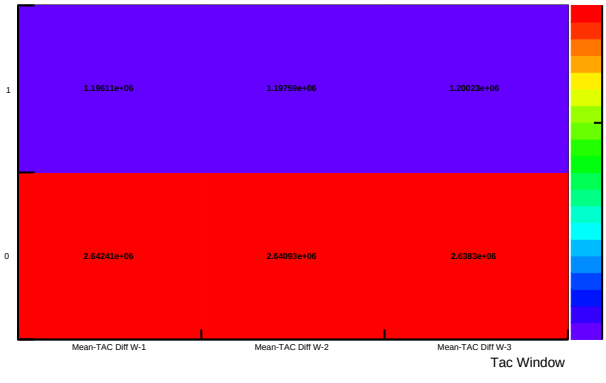
VT201 Input Ch2: ZDC Adc Sum Th



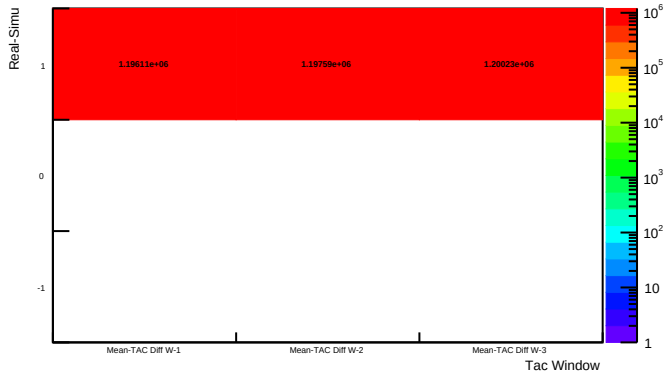
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



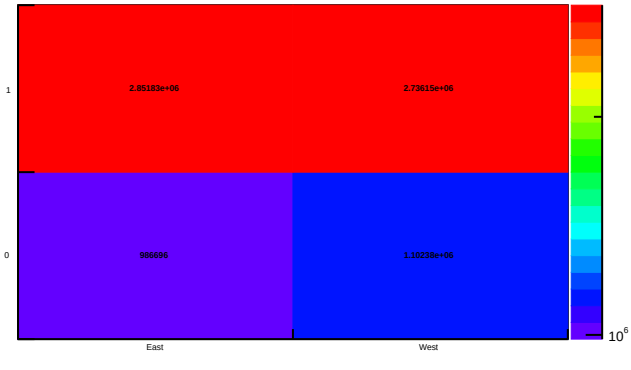
VT201 Input Ch4: VPD Tac Diff



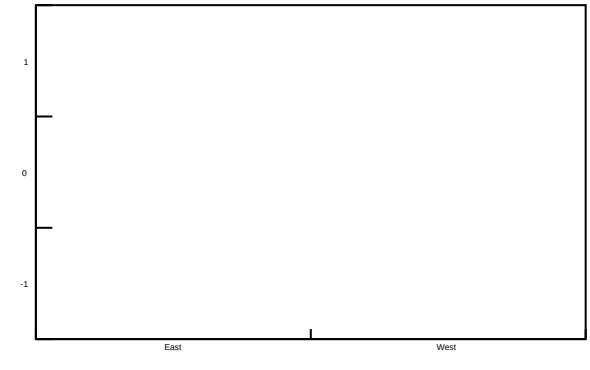
VT201 Input Ch4: VPD Tac Diff

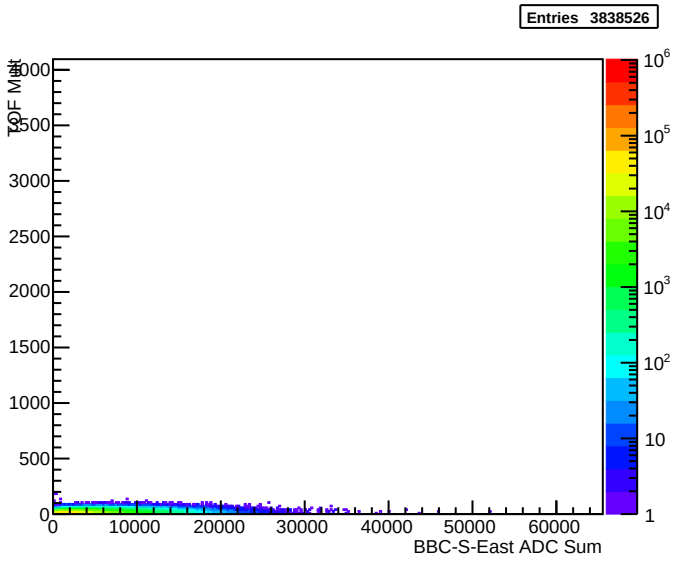


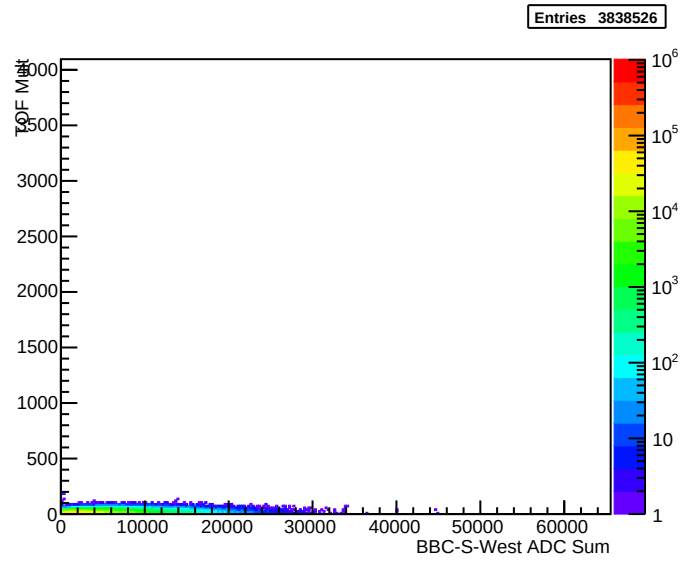
VT201 Input Ch4: VPD Adc Sum Th

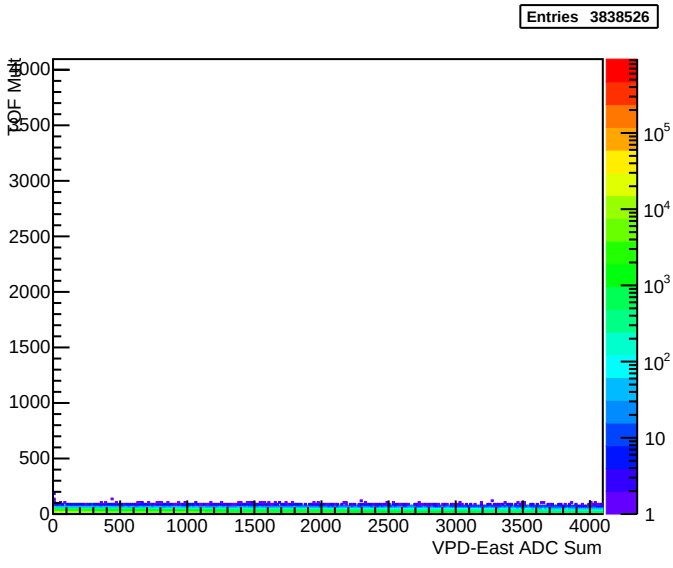


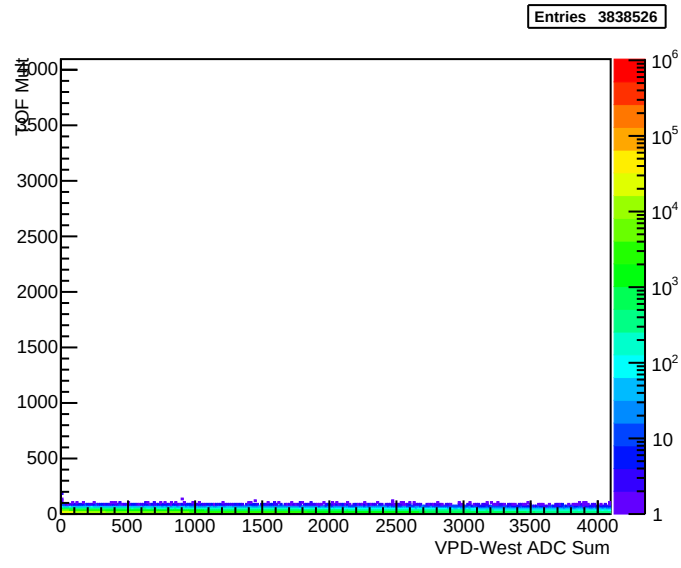
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

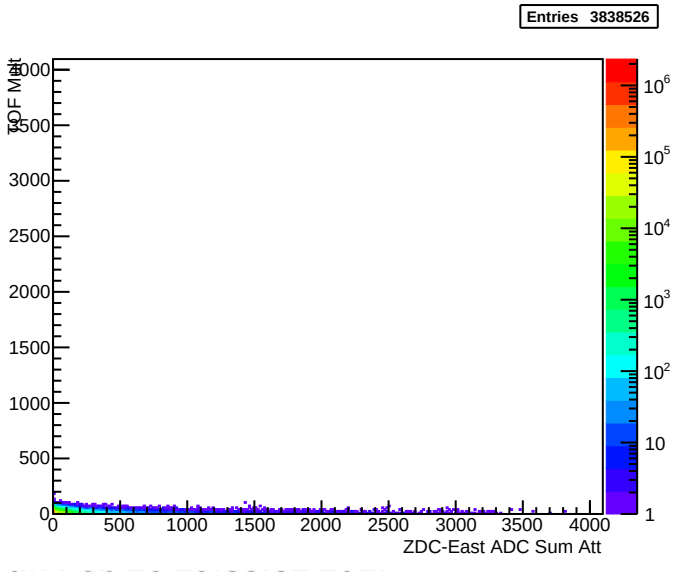


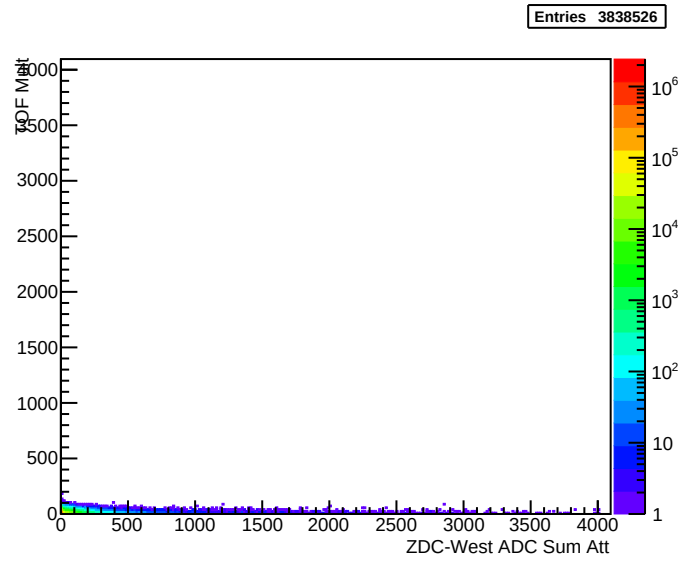

Entries 3838526
TOF Mult
BBC-S-East ADC Sum

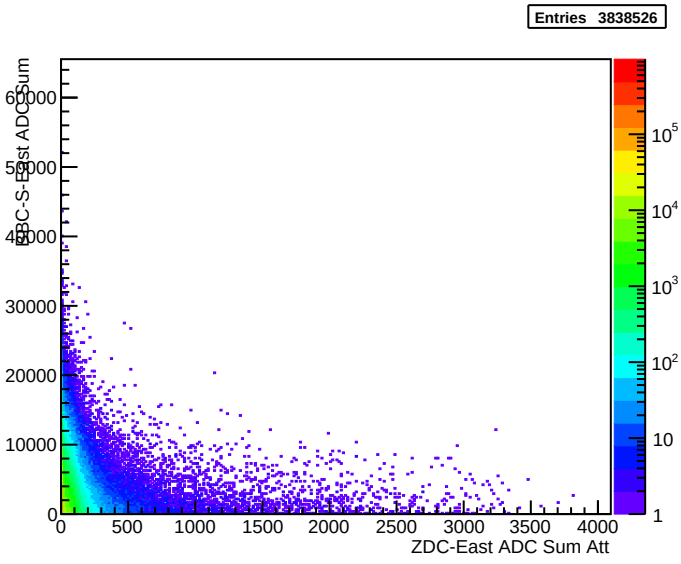

Entries 3838526
TOF Mult
BBC-S-West ADC Sum

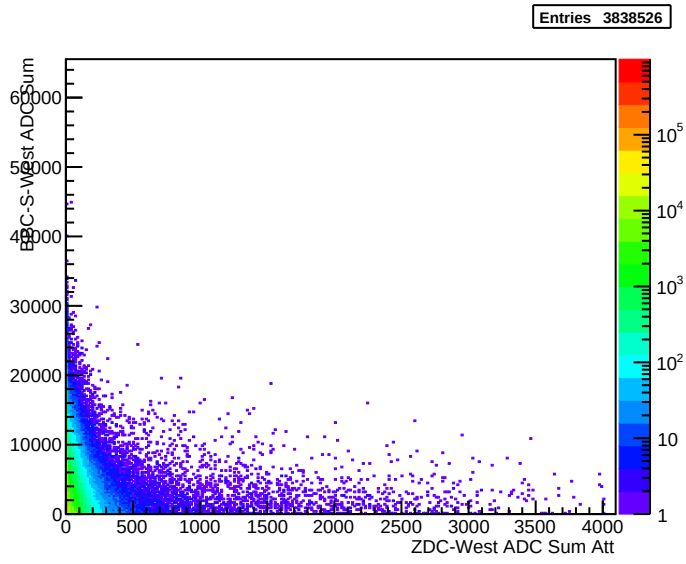

Entries 3838526
TOF Mult
VPD-East ADC Sum

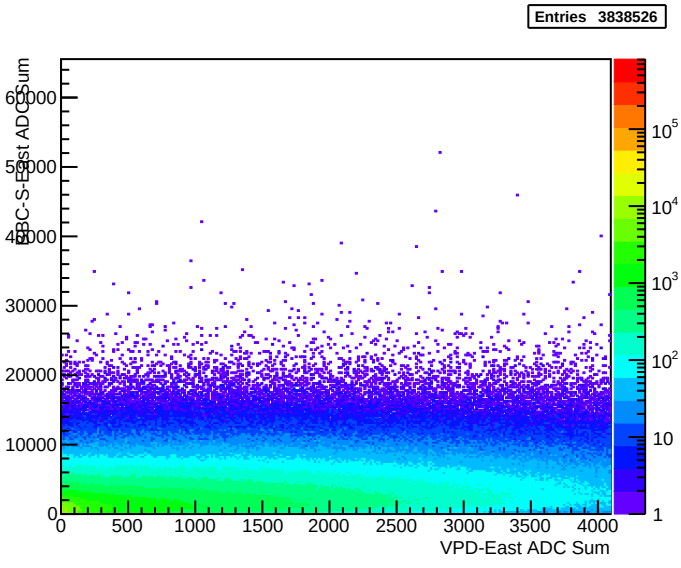

Entries 3838526
TOF Mult
VPD-West ADC Sum

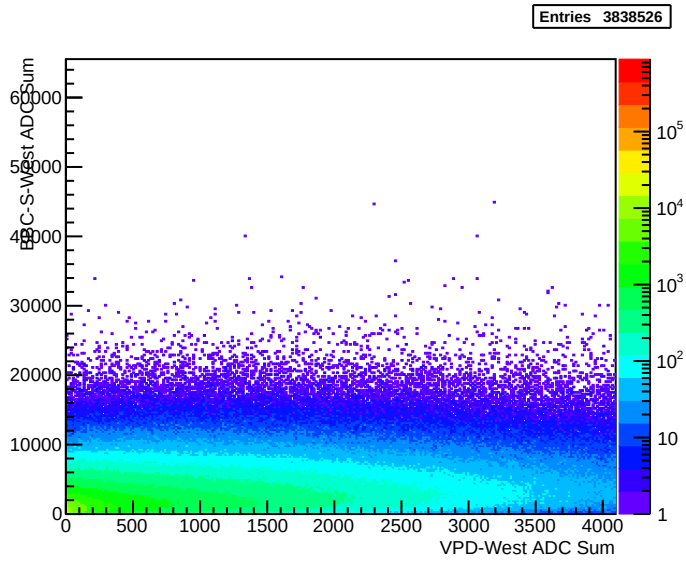

Entries 3838526
TOF Mult
ZDC-East ADC Sum Att

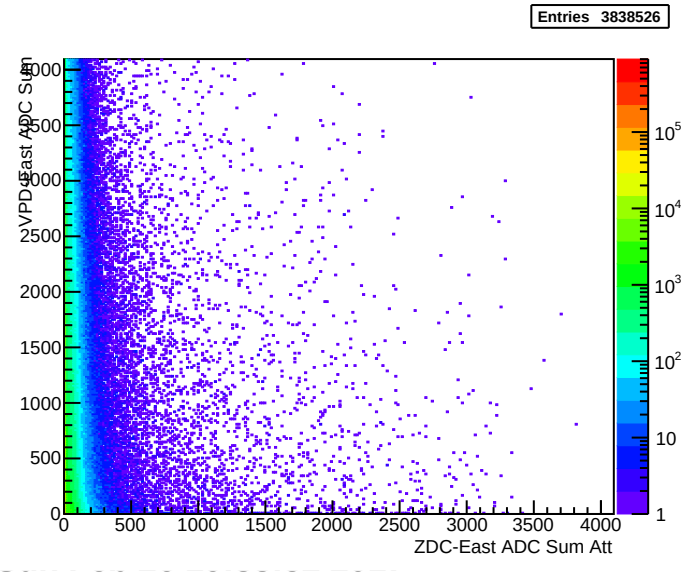

Entries 3838526
TOF Mult
ZDC-West ADC Sum Att

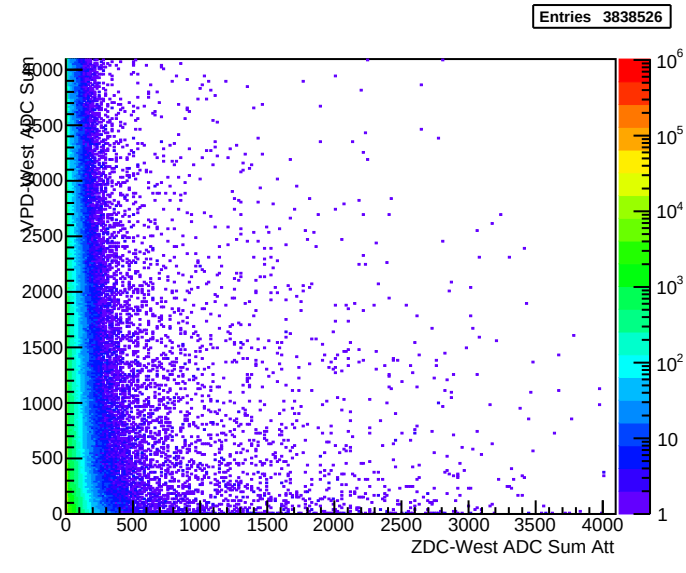

Entries 3838526
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

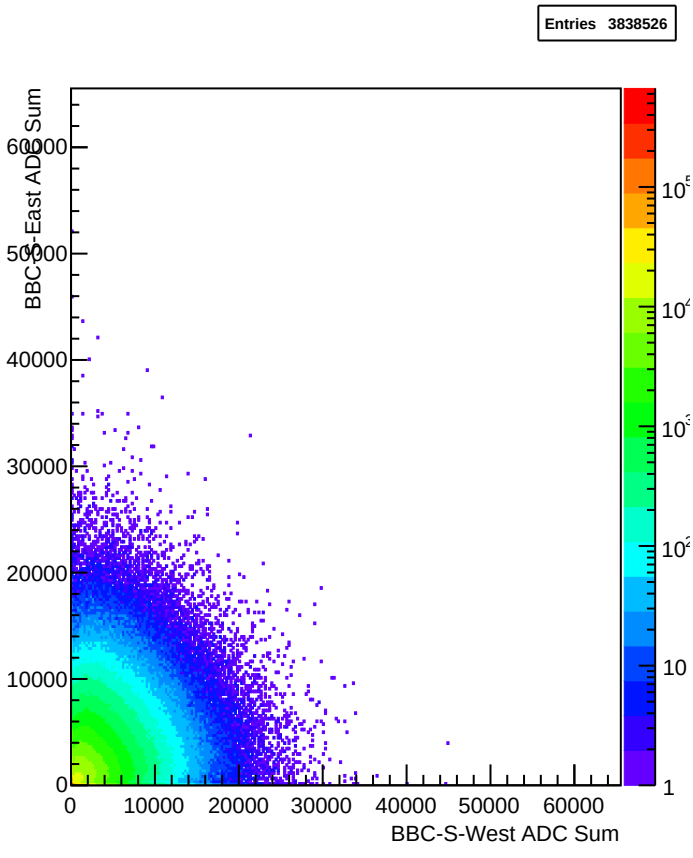

Entries 3838526
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

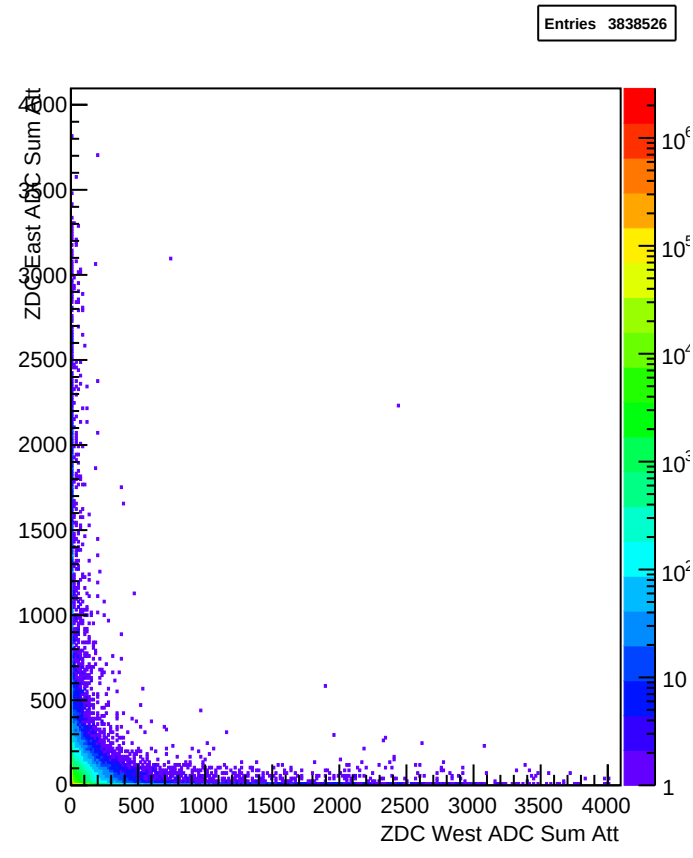

Entries 3838526
BBC-S-East ADC Sum
VPD-East ADC Sum

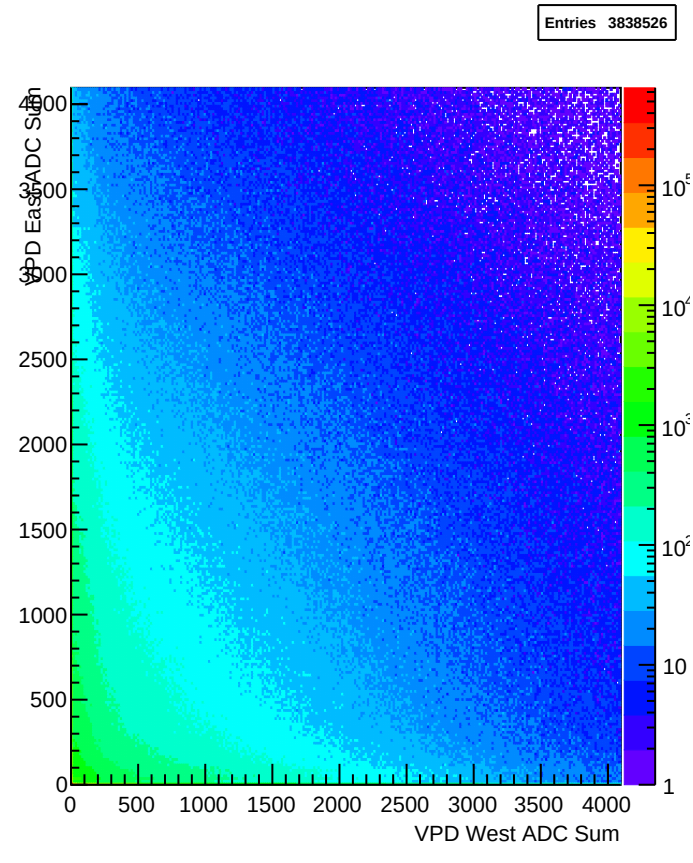

Entries 3838526
BBC-S-West ADC Sum
VPD-West ADC Sum

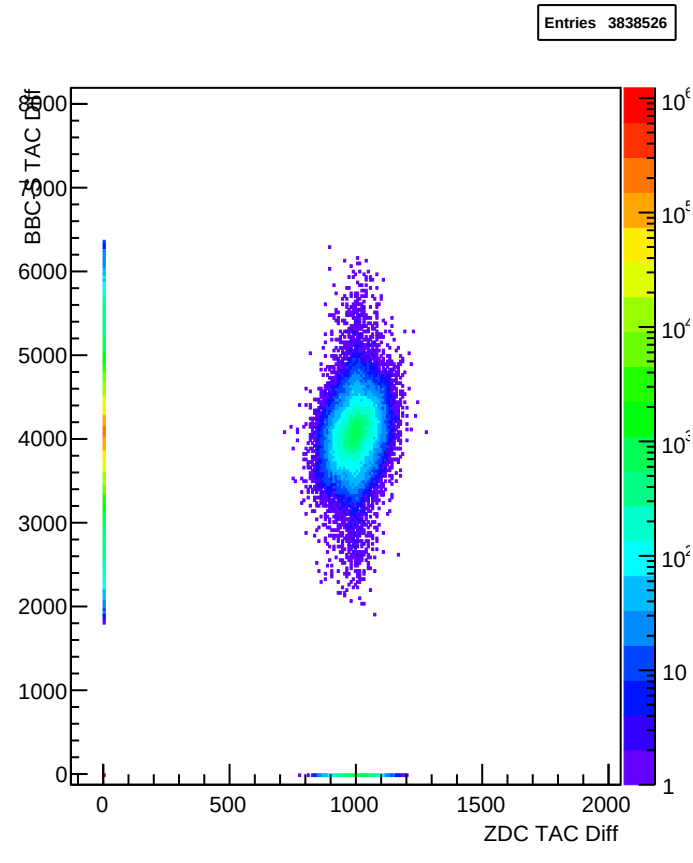

Entries 3838526
VPD-East ADC Sum
ZDC-East ADC Sum Att

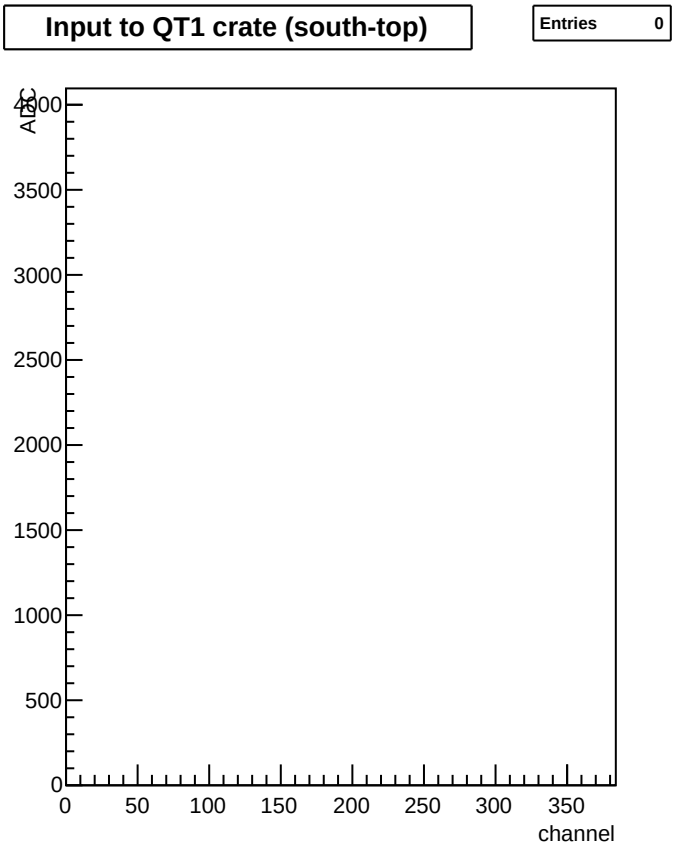

Entries 3838526
VPD-West ADC Sum
ZDC-West ADC Sum Att

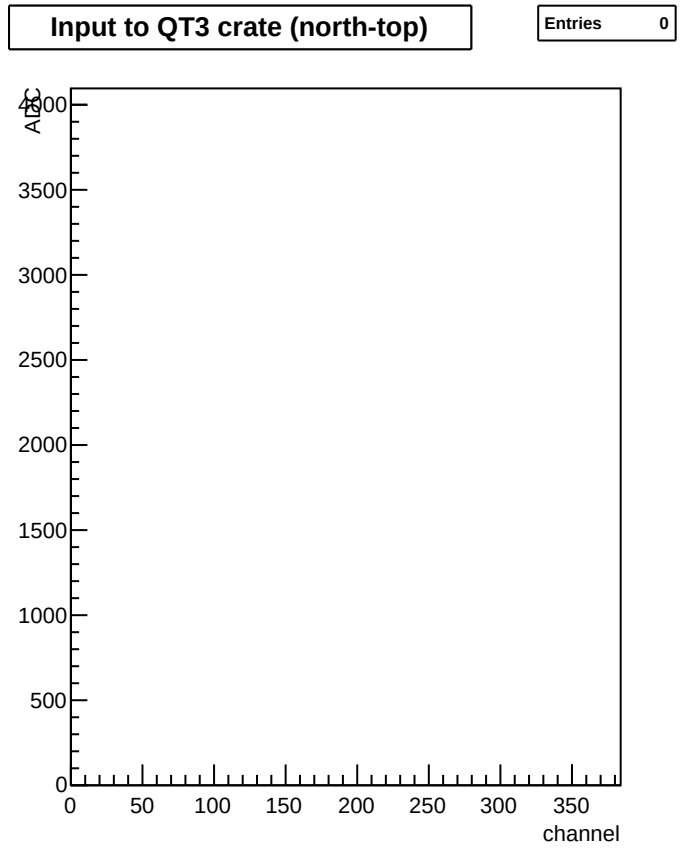

Entries 3838526
BBC-S-East ADC Sum
BBC-S-West ADC Sum

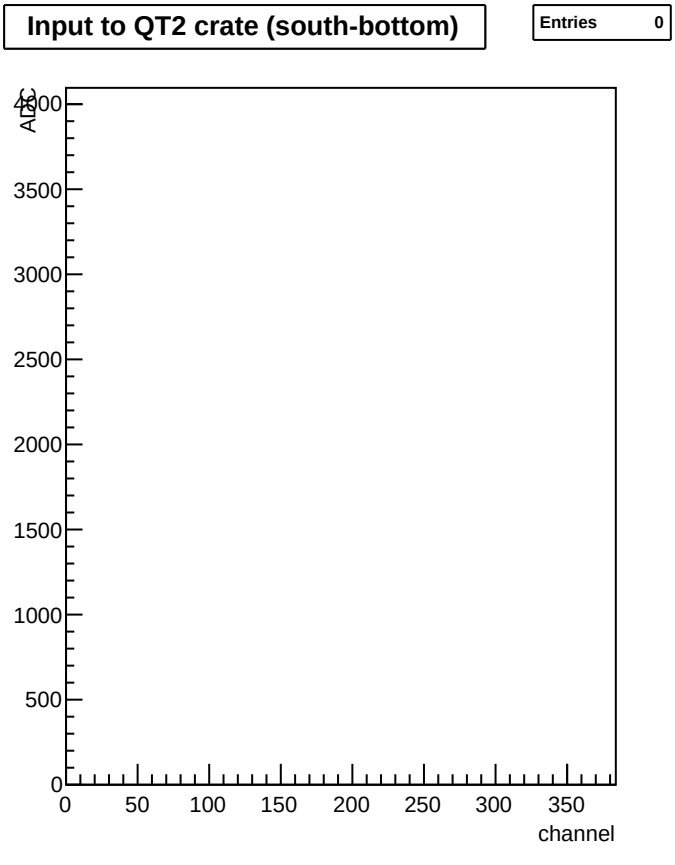

Entries 3838526
ZDC East ADC Sum Att
ZDC West ADC Sum Att

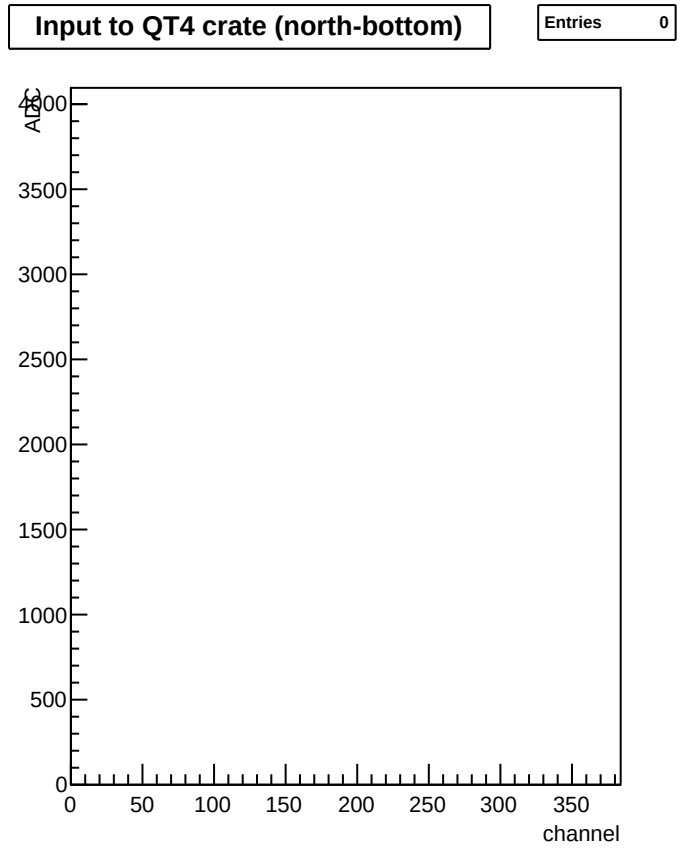

Entries 3838526
VPD East ADC Sum
VPD West ADC Sum

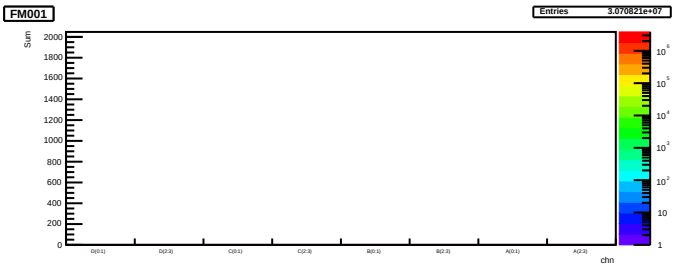

Entries 3838526
BBC-S TAC Diff
ZDC TAC Diff

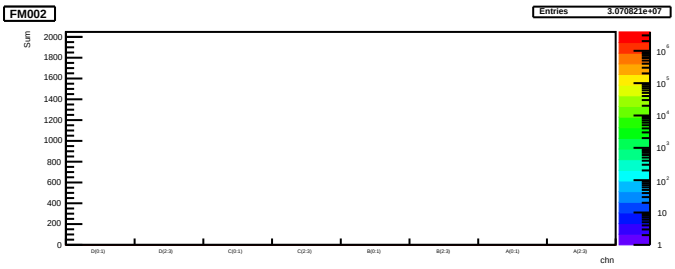

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

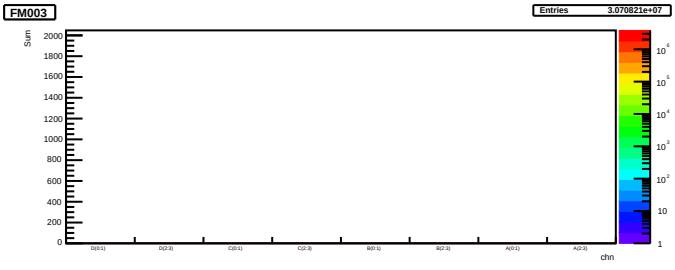

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

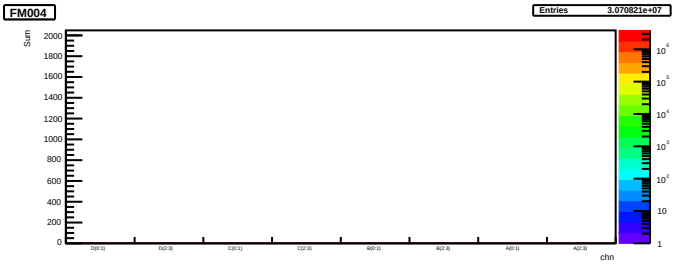

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

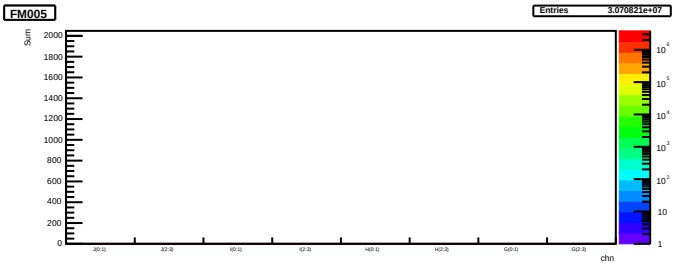

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

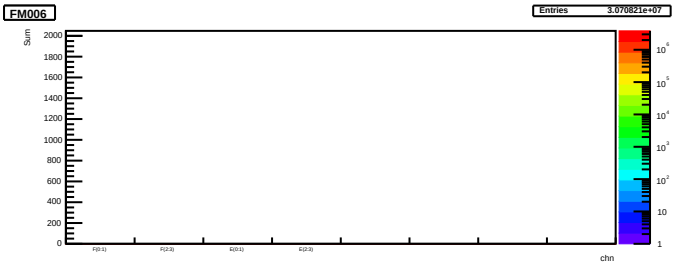

FM001
Entries 3.070821e+07
Sum
chn

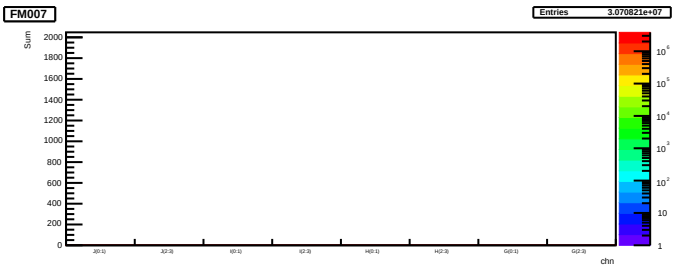

FM002
Entries 3.070821e+07
Sum
chn

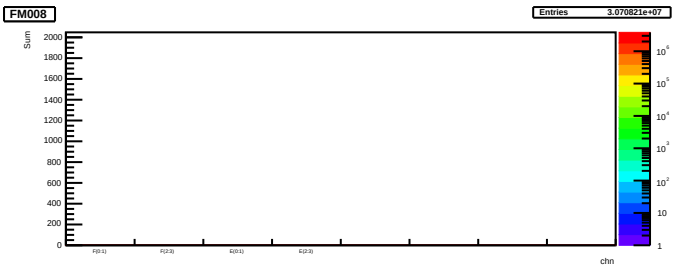

FM003
Entries 3.070821e+07
Sum
chn

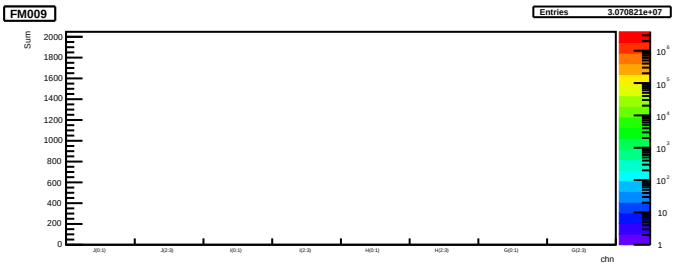

FM004
Entries 3.070821e+07
Sum
chn

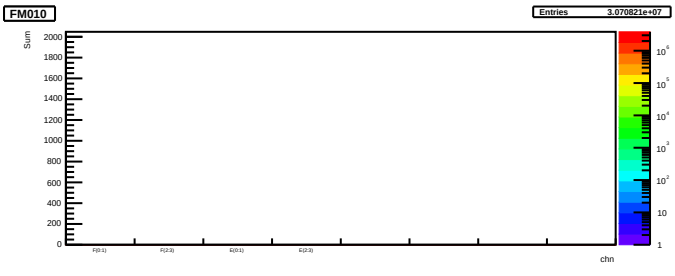

FM005
Entries 3.070821e+07
Sum
chn


FM006
Entries 3.070821e+07
Sum
chn


FM007
Entries 3.070821e+07
Sum
chn


FM008
Entries 3.070821e+07
Sum
chn


FM009
Entries 3.070821e+07
Sum
chn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Entries 3.070821e+07
Sum
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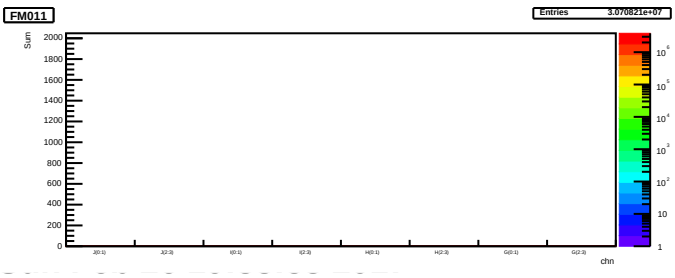
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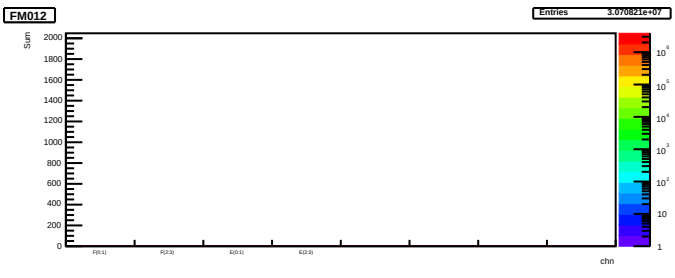
Entries 3.070821e+07
Sum
chn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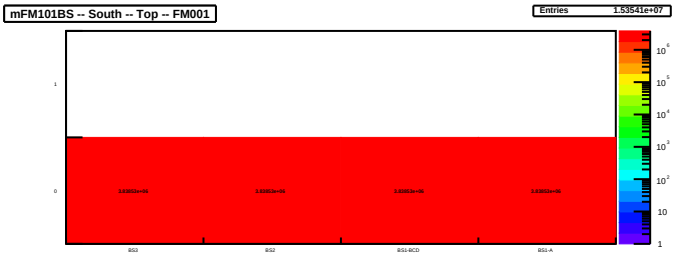
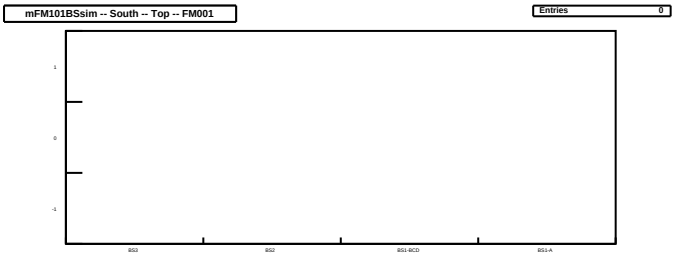
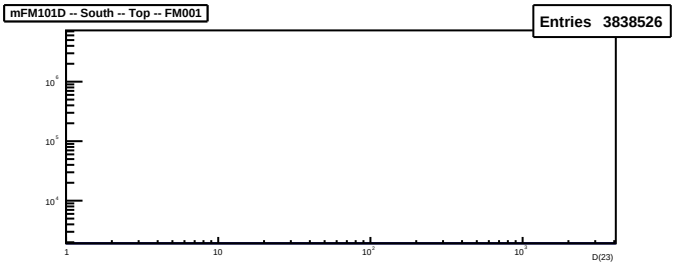
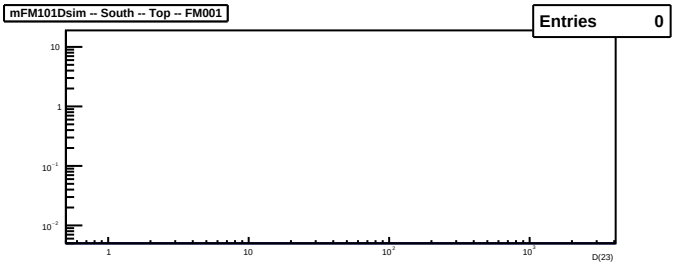
Entries 3.070821e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1.53541e+07
BS3
BS2
BS1-BCD
BS1-A


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


mFM101D -- South -- Top -- FM001
Entries 3838526
D(23)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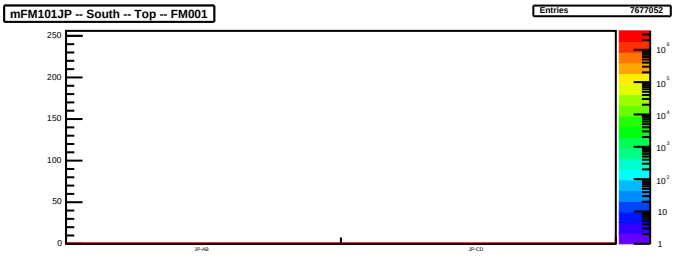
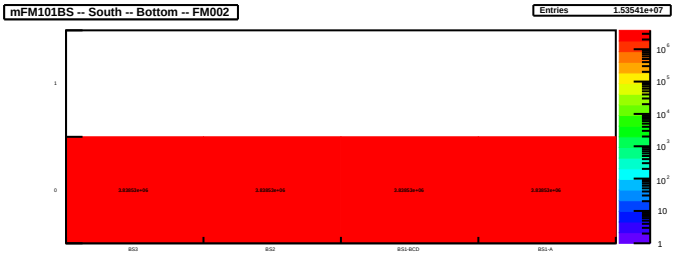
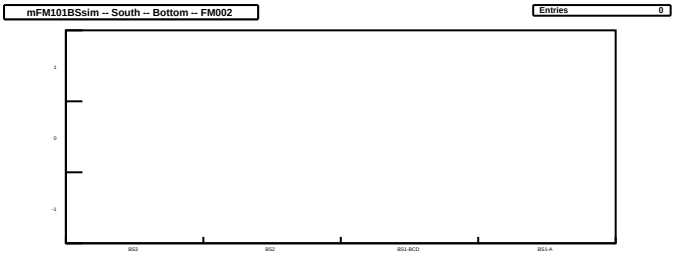
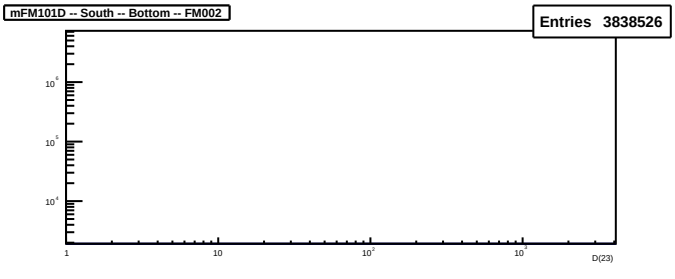
Entries 0
D(23)

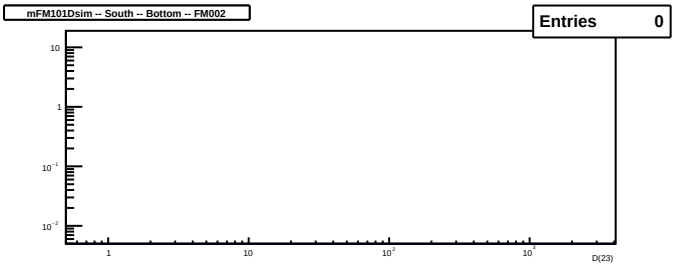

mFM101JP -- South -- Top -- FM001
Entries 7677052
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 1.53541e+07
BS3
BS2
BS1-BCD
BS1-A

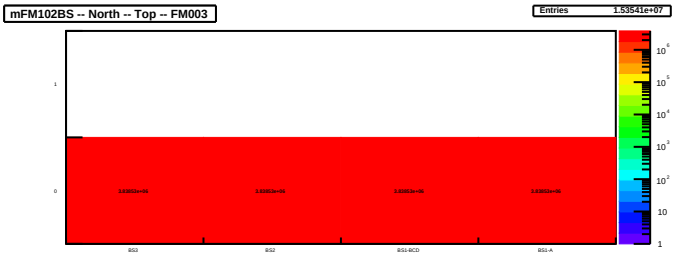

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 3838526
D(23)

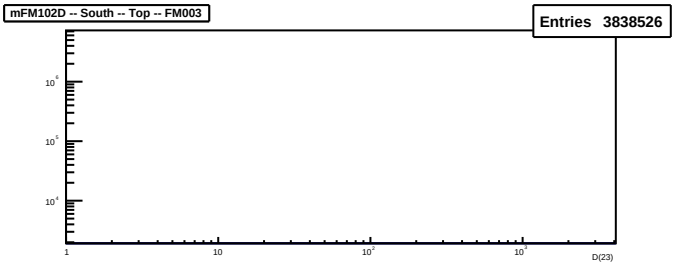

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

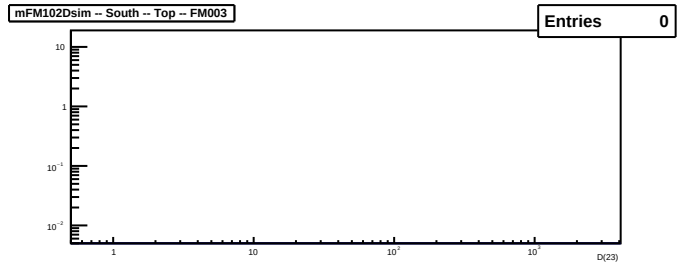
mFM101JP -- South -- Bottom -- FM002
Entries 7677052
JP-AB
JP-CD

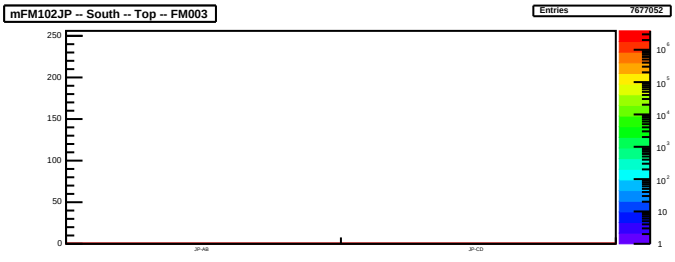
mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD

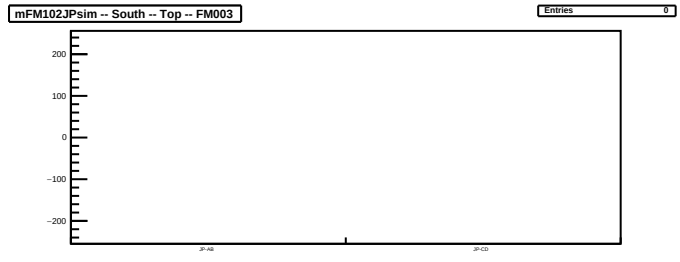

mFM102BS -- North -- Top -- FM003
Entries 1.53541e+07
BS3
BS2
BS1-BCD
BS1-A

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


mFM102D -- South -- Top -- FM003
Entries 3838526
D(23)


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


mFM102JP -- South -- Top -- FM003
Entries 7677052
JP-AB
JP-CD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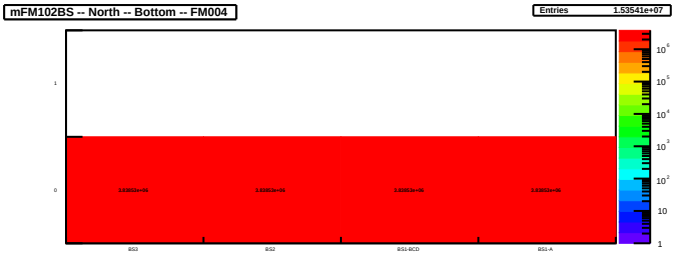
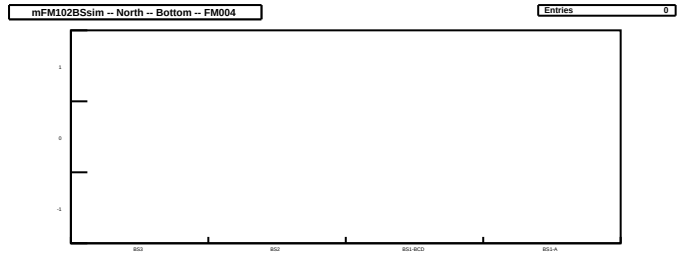
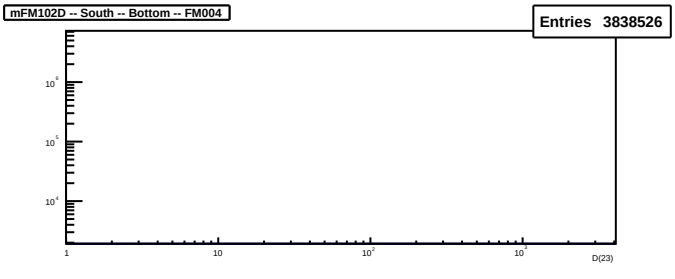
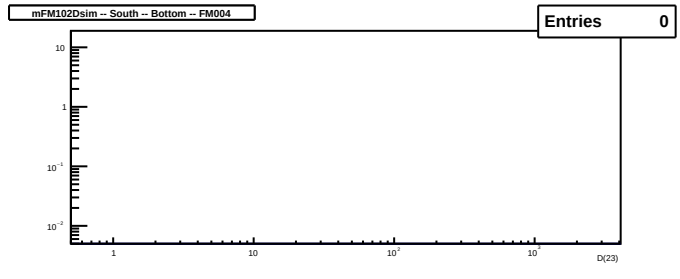
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 1.53541e+07
BS3
BS2
BS1-BCD
BS1-A


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


mFM102D -- South -- Bottom -- FM004
Entries 3838526
D(23)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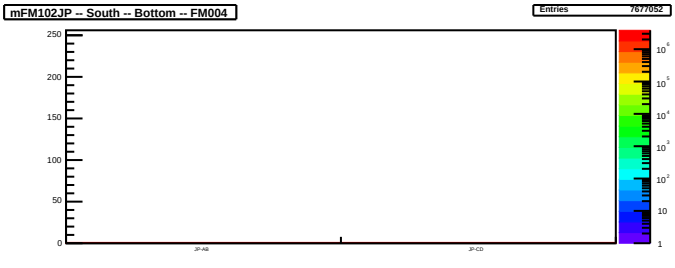
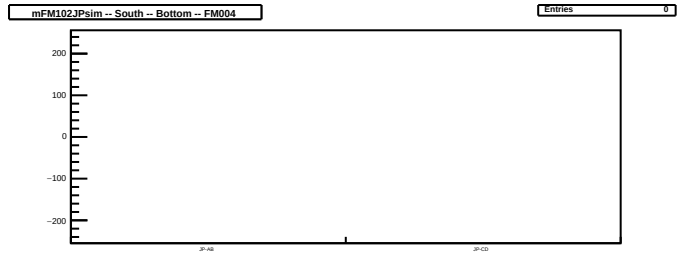
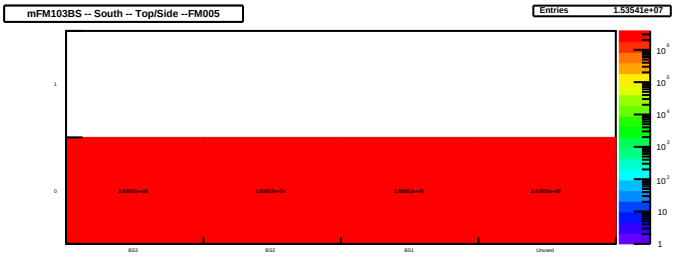
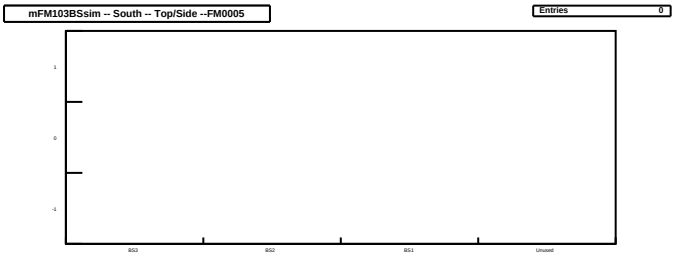
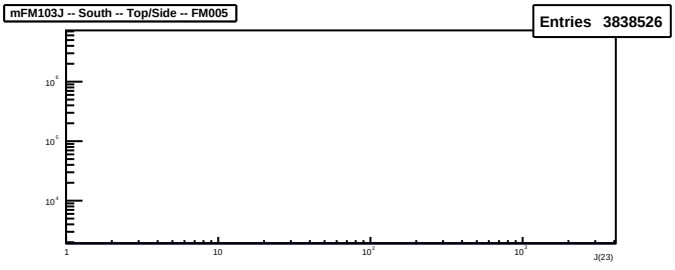
Entries 0
D(23)

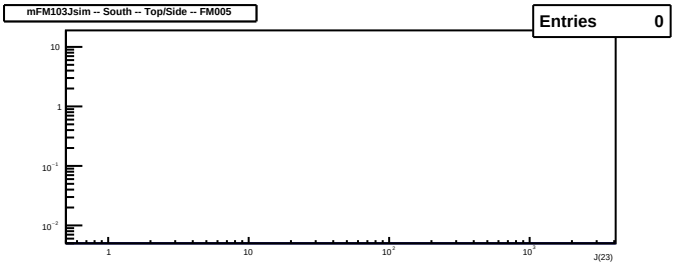

mFM102JP -- South -- Bottom -- FM004
Entries 7677052
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 1.53541e+07
BS3
BS2
BS1
Unused


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


mFM103J -- South -- Top/Side -- FM005
Entries 3838526
J(23)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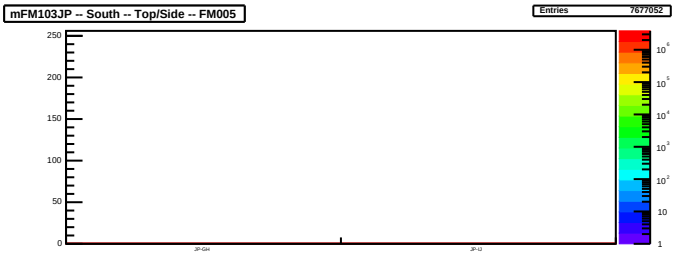
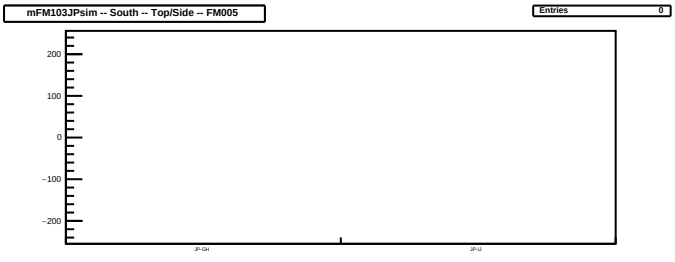
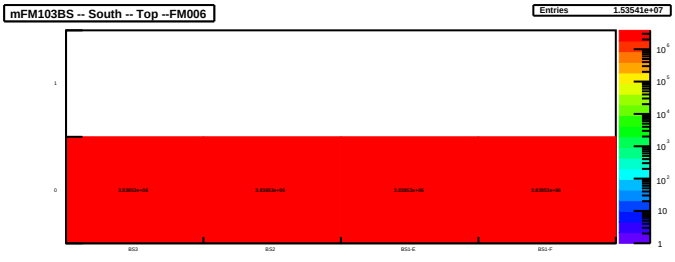
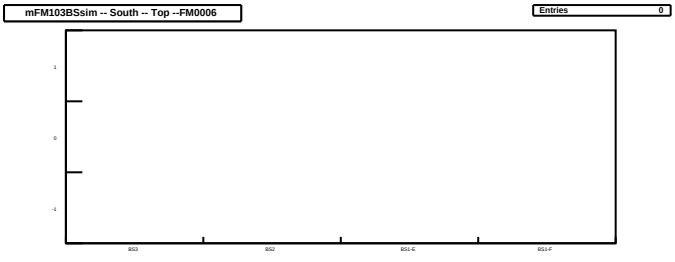
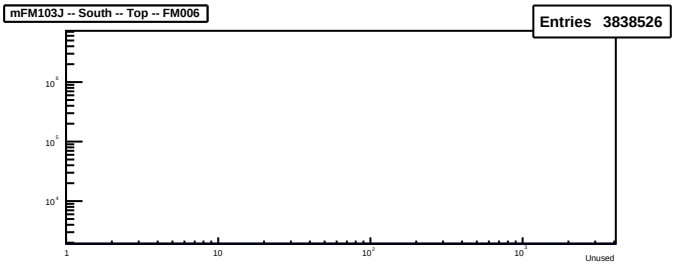
Entries 0
J(23)

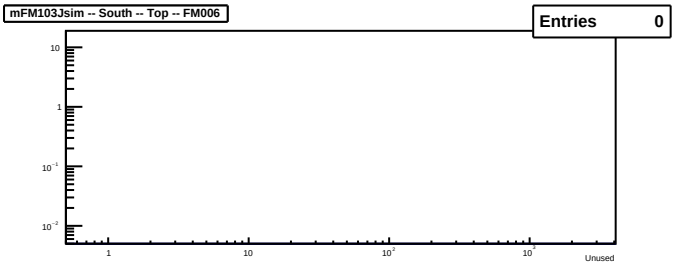

mFM103JP -- South -- Top/Side -- FM005
Entries 7677052
JP-GH
JP-U

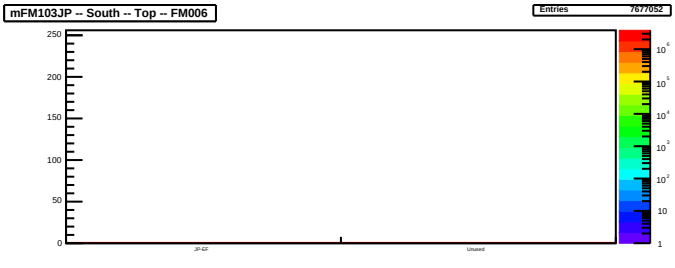

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

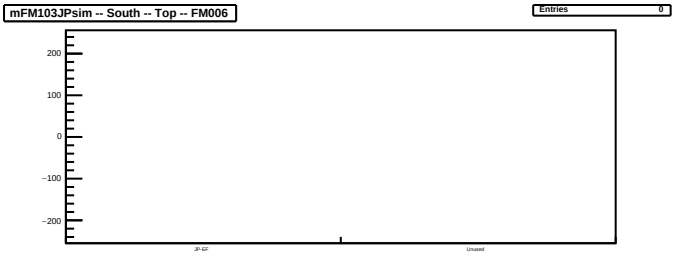

mFM103BS -- South -- Top --FM006
Entries 1.53541e+07
BS3
BS2
BS1-E
BS1-F

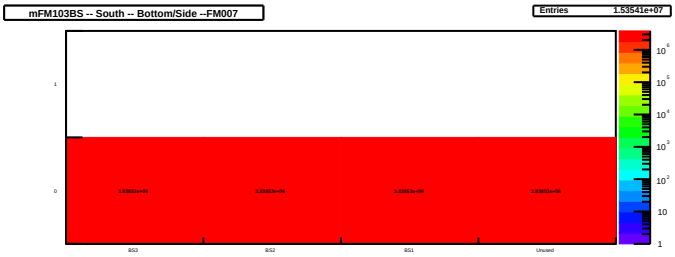

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

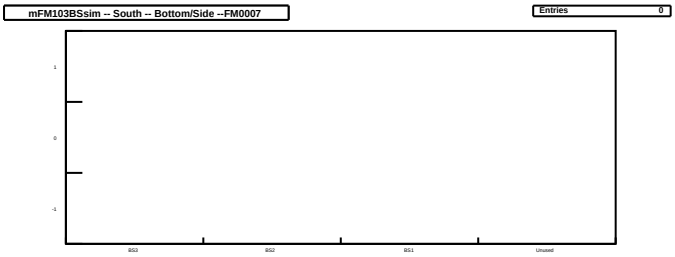

mFM103J -- South -- Top -- FM006
Entries 3838526
Unused

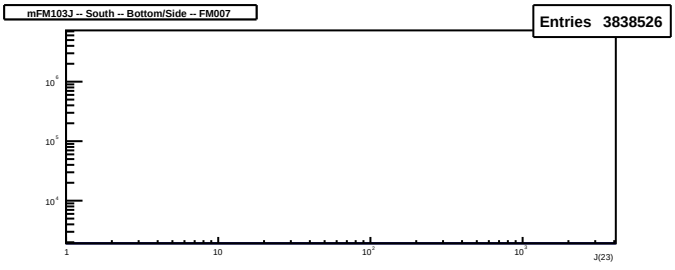

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

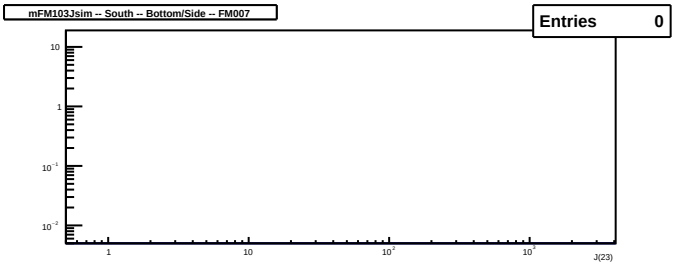

mFM103JP -- South -- Top -- FM006
Entries 7677052
JP-EF
Unused

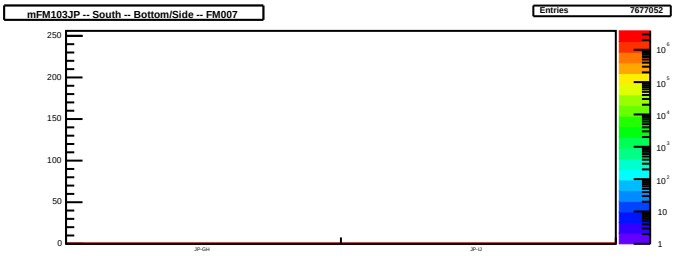

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

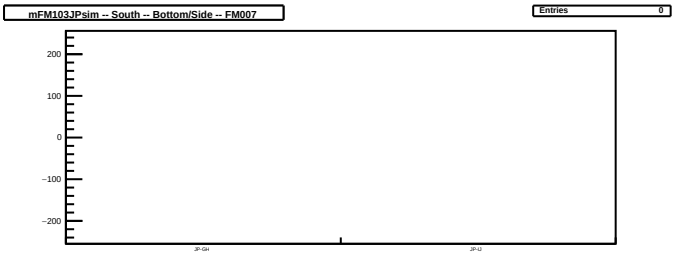

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.53541e+07
BS3
BS2
BS1
Unused

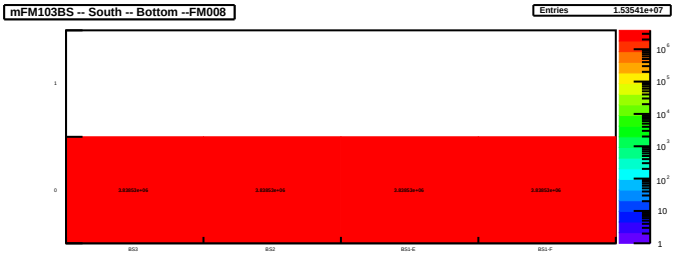

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

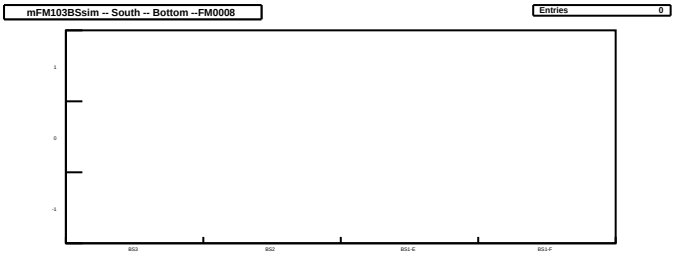

mFM103J -- South -- Bottom/Side -- FM007
Entries 3838526
J(23)

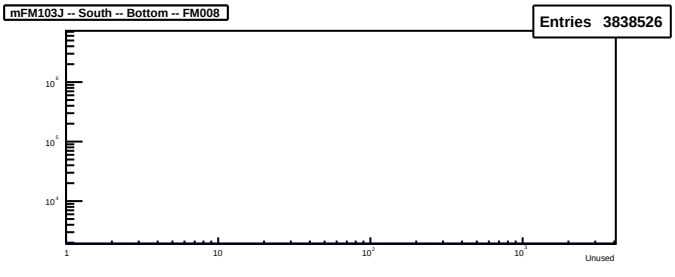

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

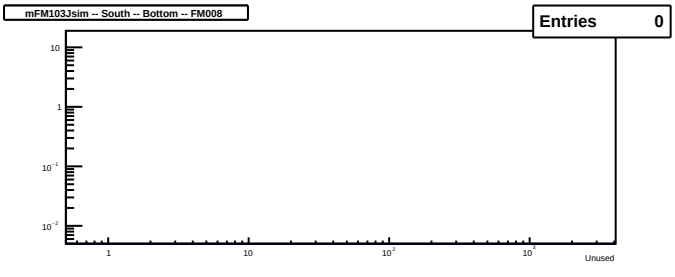

mFM103JP -- South -- Bottom/Side -- FM007
Entries 7677052
JP-GH
JP-IJ


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

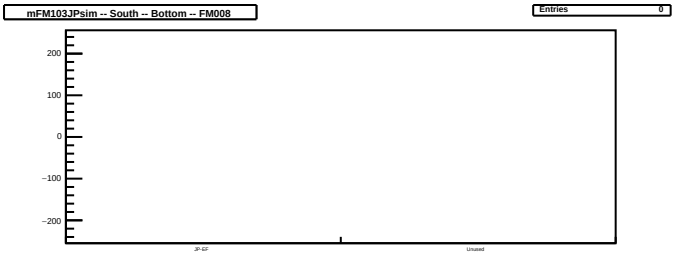

mFM103BS -- South -- Bottom --FM008
Entries 1.53541e+07
BS3
BS2
BS1-E
BS1-F

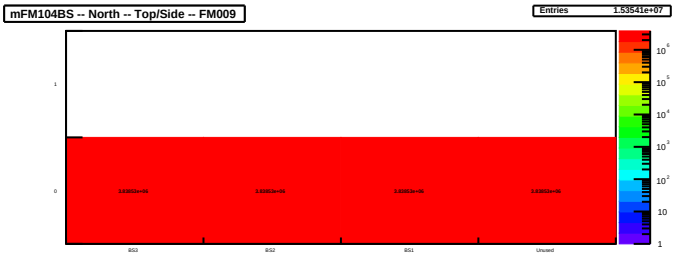

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

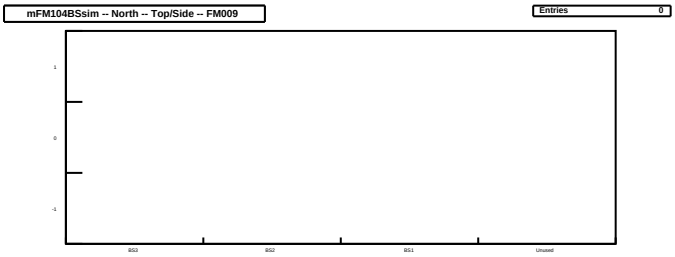

mFM103J -- South -- Bottom -- FM008
Entries 3838526
Unused

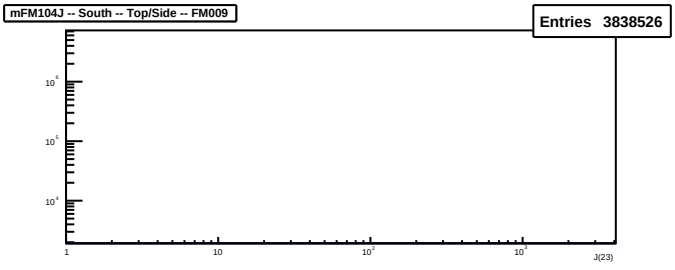

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

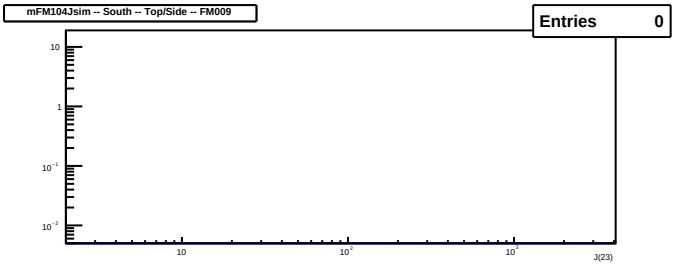
mFM103JP -- South -- Bottom -- FM008
Entries 7677052
JP-EF
Unused

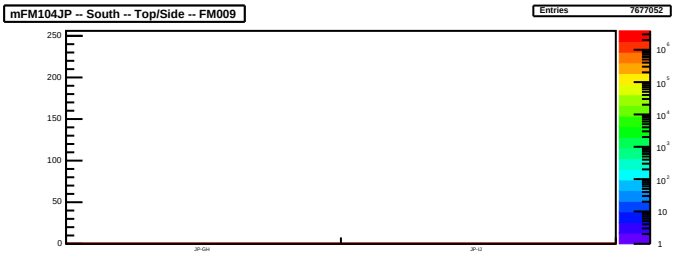

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

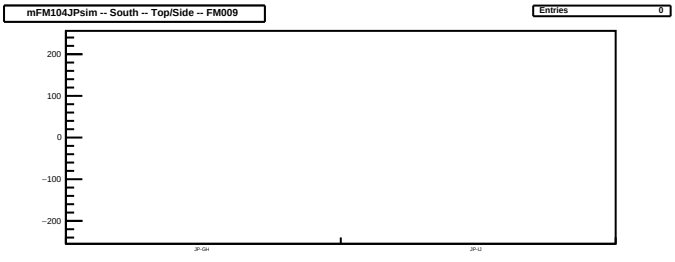

mFM104BS -- North -- Top/Side -- FM009
Entries 1.53541e+07
BS3
BS2
BS1
Unused

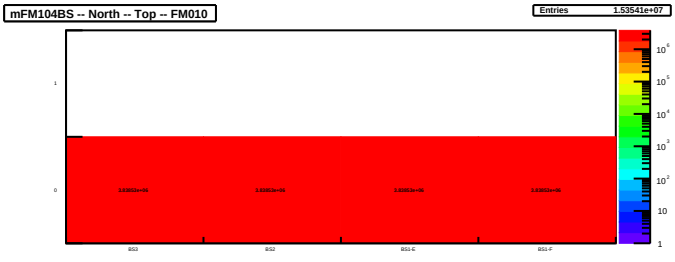

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

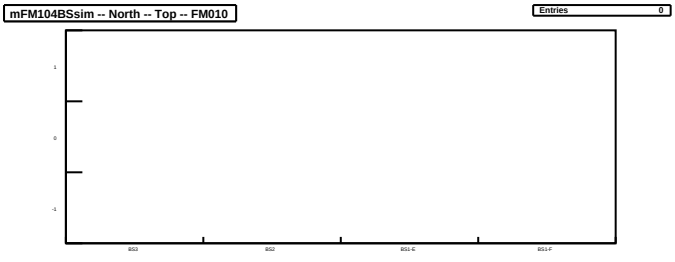

mFM104J -- South -- Top/Side -- FM009
Entries 3838526
J(23)

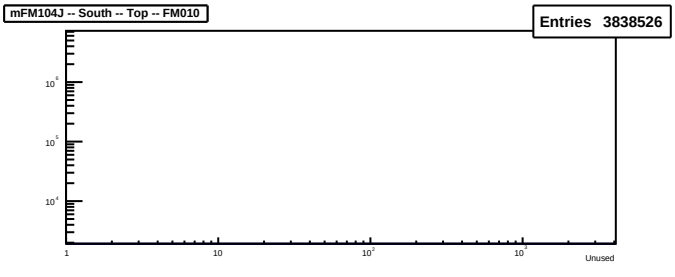

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

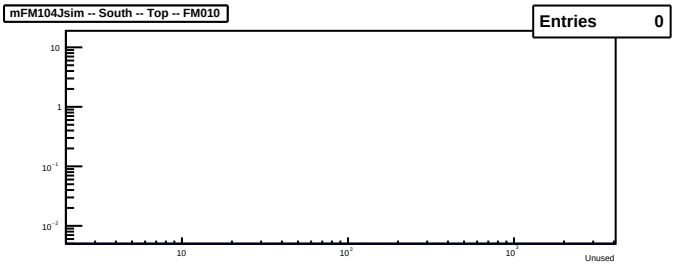

mFM104JP -- South -- Top/Side -- FM009
Entries 7677052
JP-GH
JP-IJ

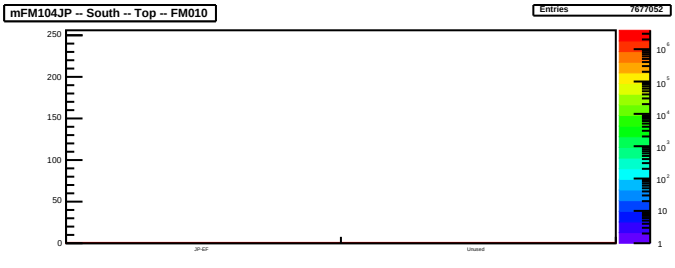

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ

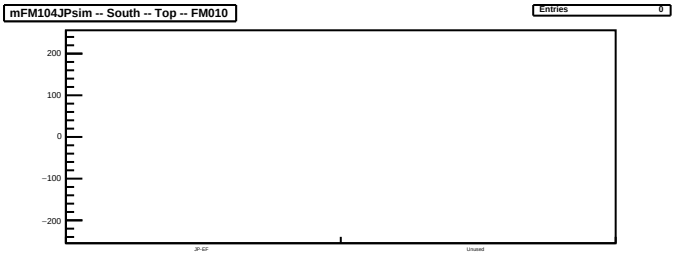

mFM104BS -- North -- Top -- FM010
Entries 1.53541e+07
BS3
BS2
BS1-E
BS1-F

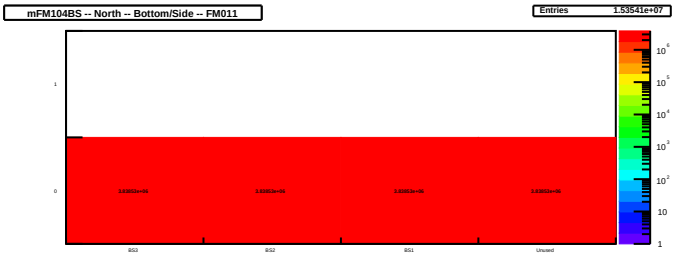

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

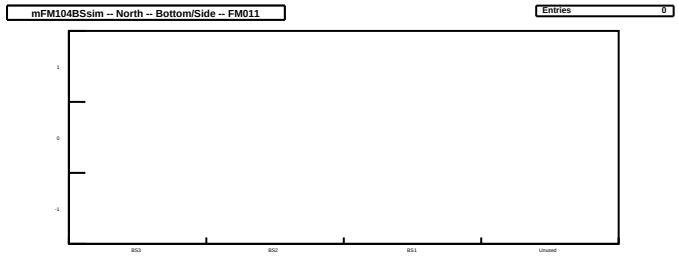

mFM104J -- South -- Top -- FM010
Entries 3838526
Unused

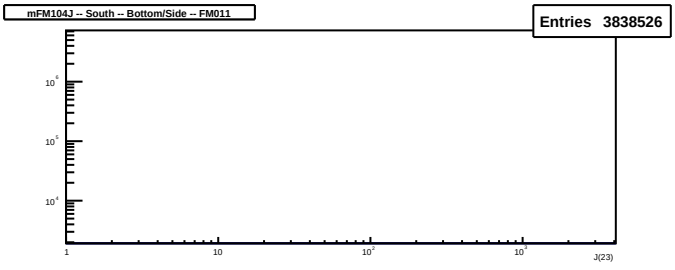

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

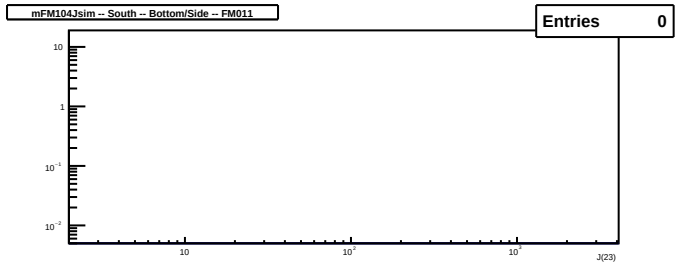

mFM104JP -- South -- Top -- FM010
Entries 7677052
JP-EF
Unused

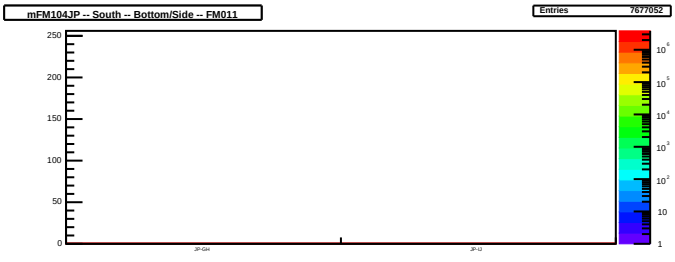

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

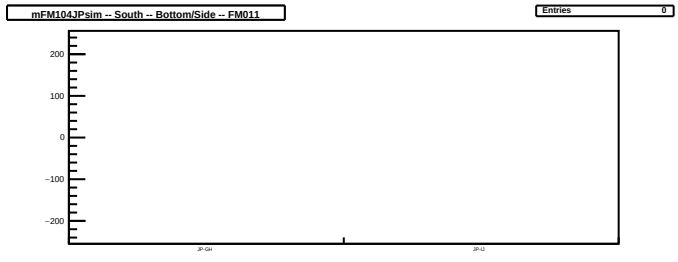

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.53541e+07
BS3
BS2
BS1
Unused

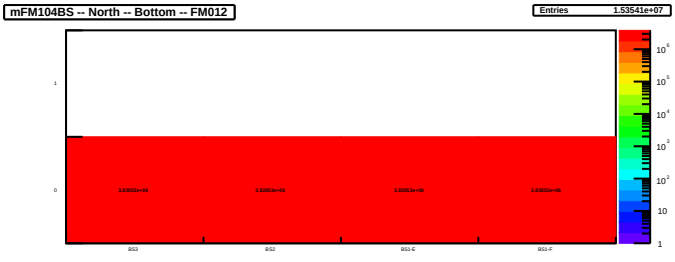

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

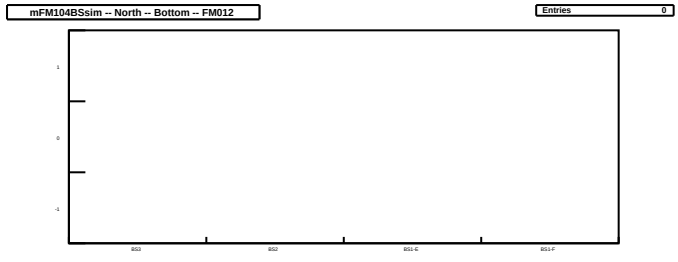

mFM104J -- South -- Bottom/Side -- FM011
Entries 3838526
J(23)

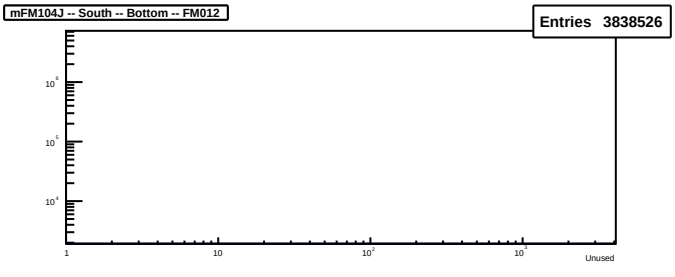

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

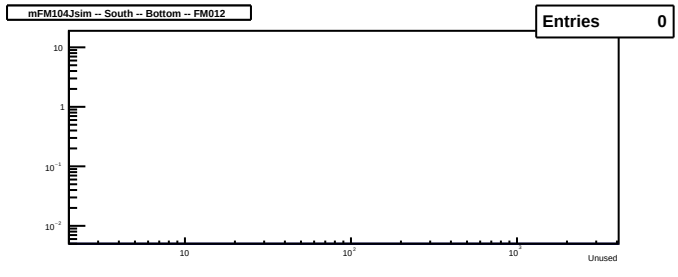

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7677052
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 1.53541e+07
BS3
BS2
BS1-E
BS1-F

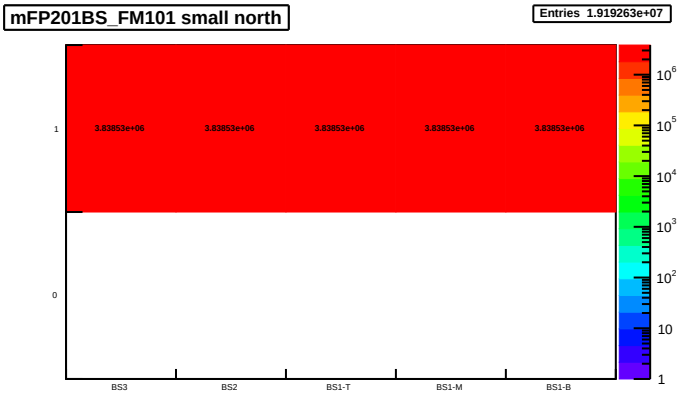

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

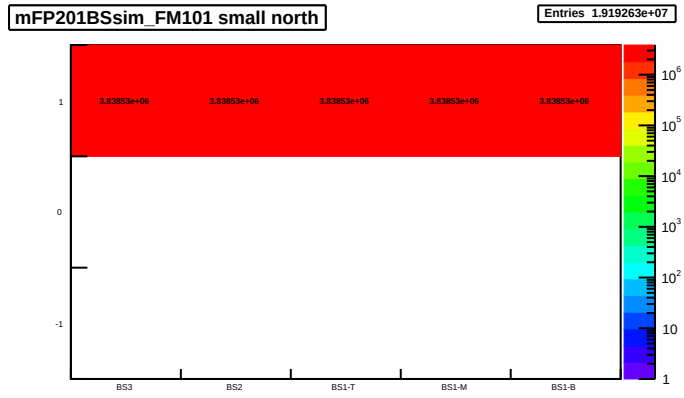

mFM104J -- South -- Bottom -- FM012
Entries 3838526
Unused

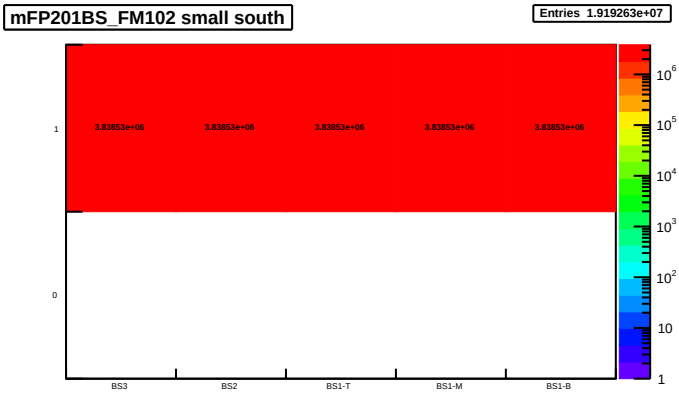

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

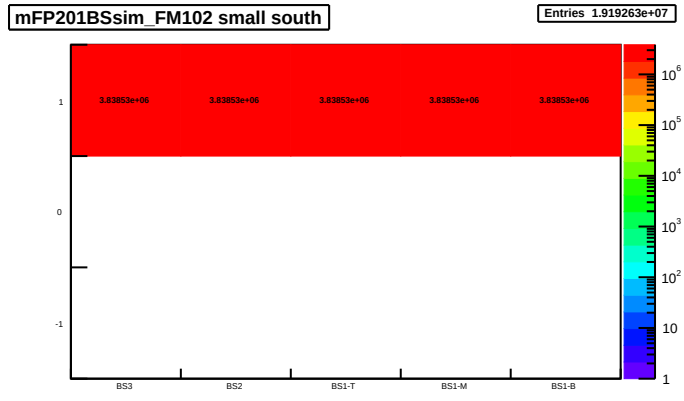
mFM104JP -- South -- Bottom -- FM012
Entries 7677052
JP-EF
Unused

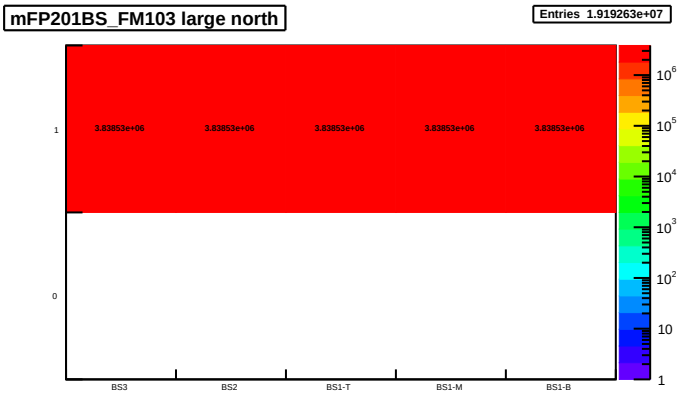
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

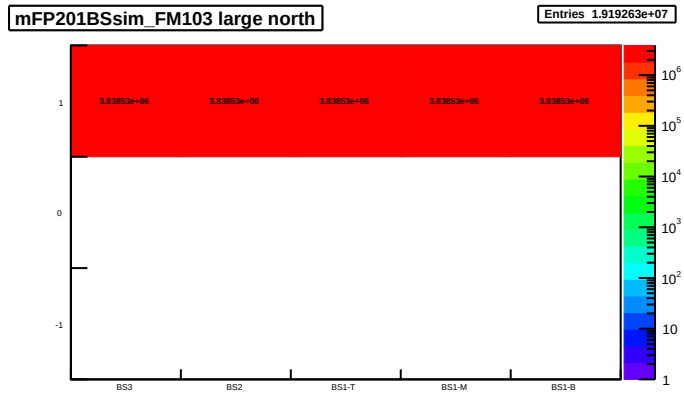

mFP201BS_FM101 small north
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

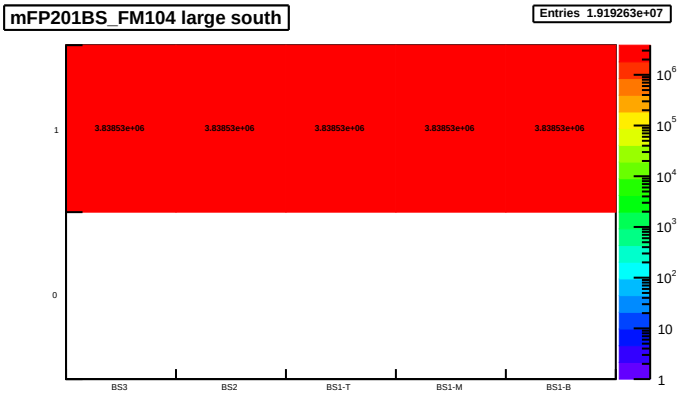

mFP201BSsim_FM101 small north
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

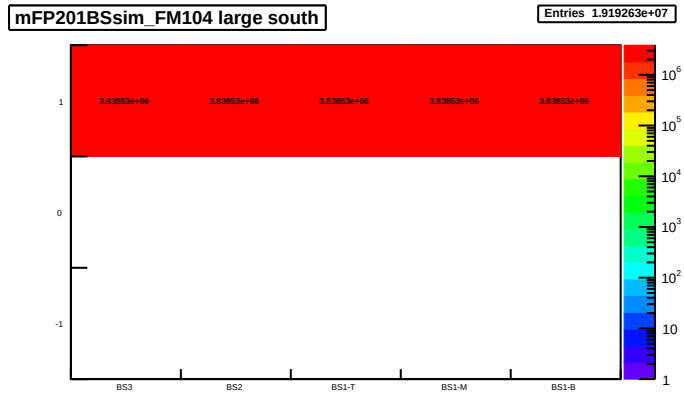

mFP201BS_FM102 small south
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

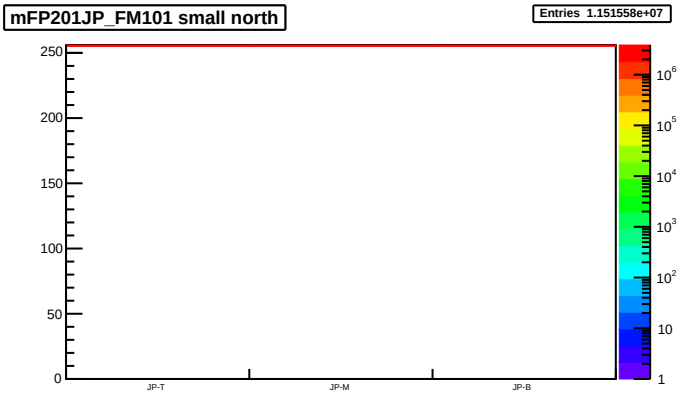

mFP201BSsim_FM102 small south
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

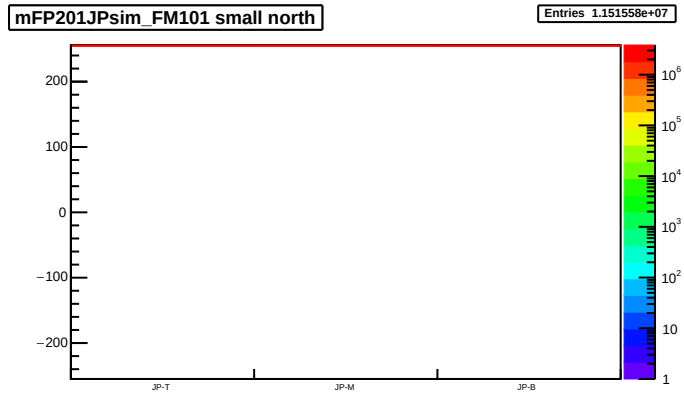

mFP201BS_FM103 large north
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

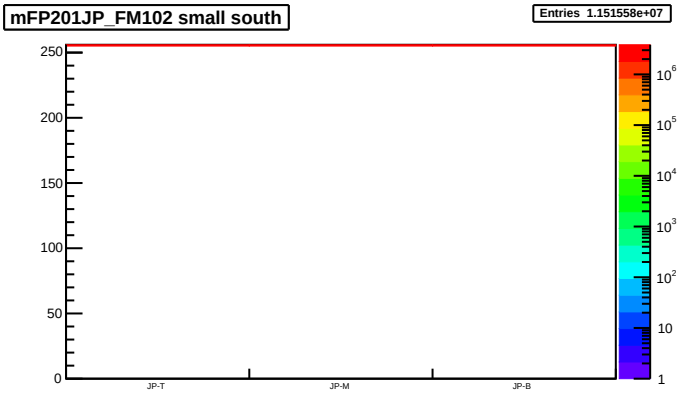

mFP201BSsim_FM103 large north
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

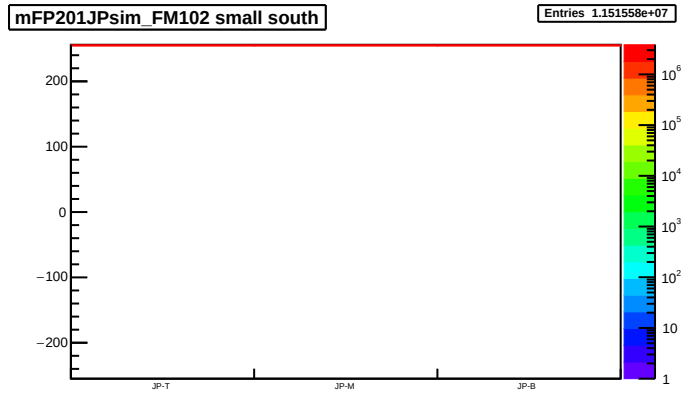

mFP201BS_FM104 large south
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

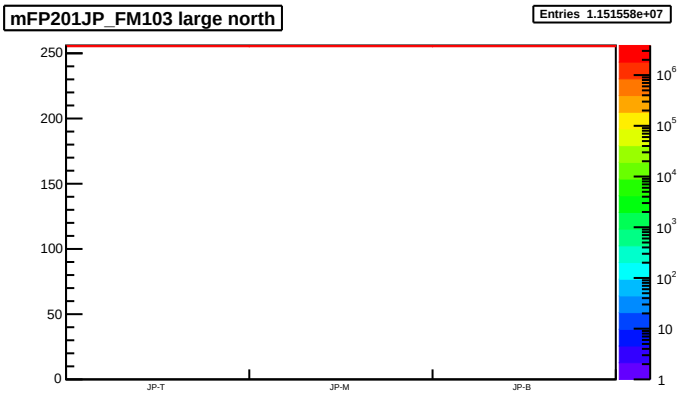

mFP201BSsim_FM104 large south
Entries 1.919263e+07
3.83853e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

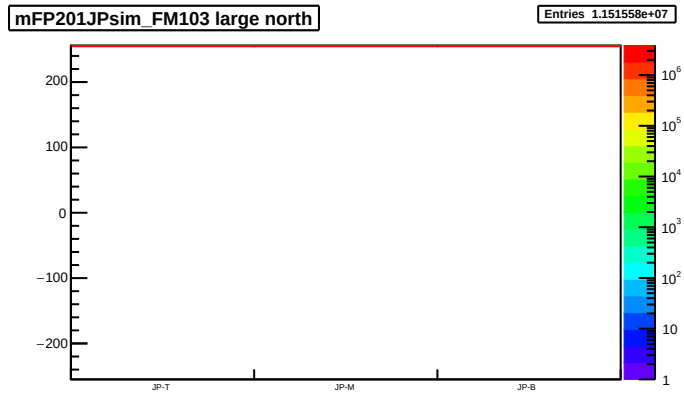

mFP201JP_FM101 small north
Entries 1.151558e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

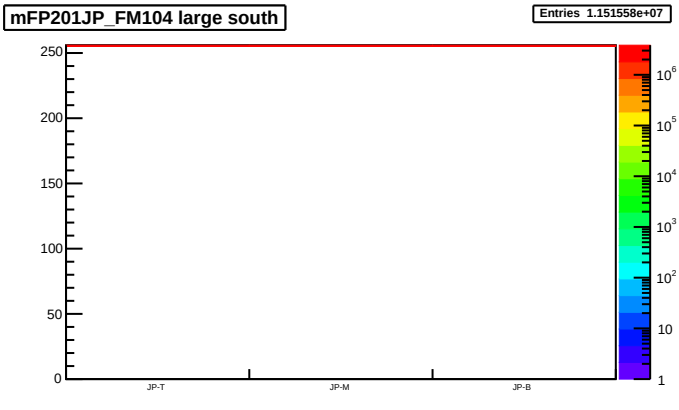

mFP201JPsim_FM101 small north
Entries 1.151558e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

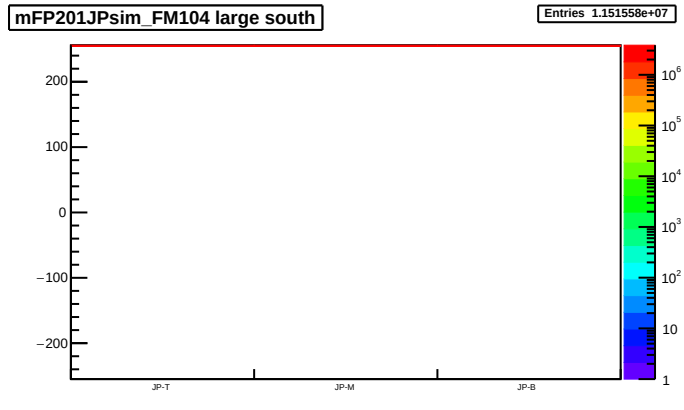

mFP201JP_FM102 small south
Entries 1.151558e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

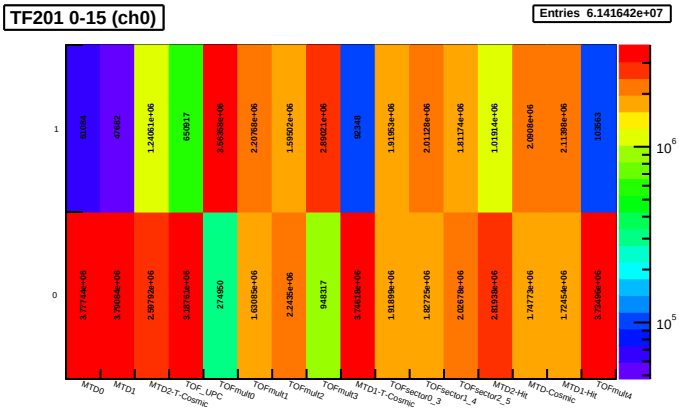

mFP201JPsim_FM102 small south
Entries 1.151558e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

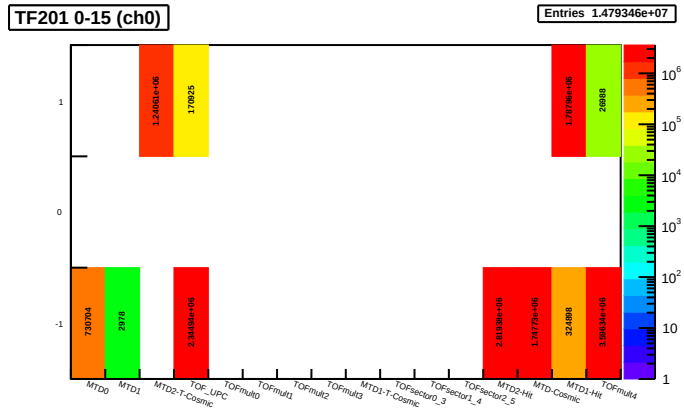

mFP201JP_FM103 large north
Entries 1.151558e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

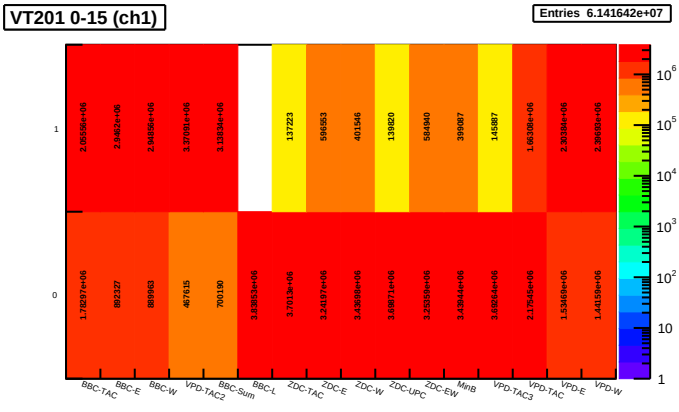

mFP201JPsim_FM103 large north
Entries 1.151558e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

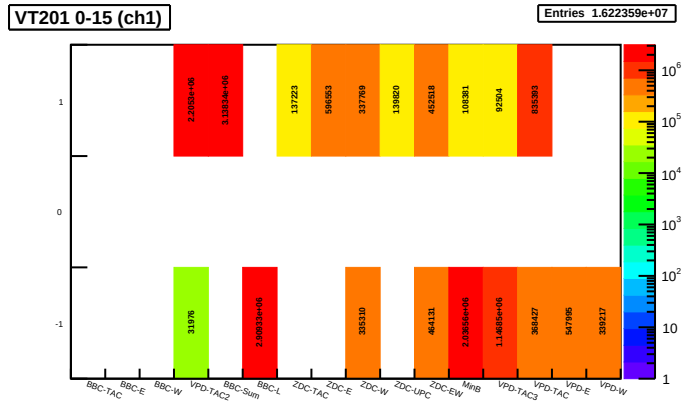

mFP201JP_FM104 large south
Entries 1.151558e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

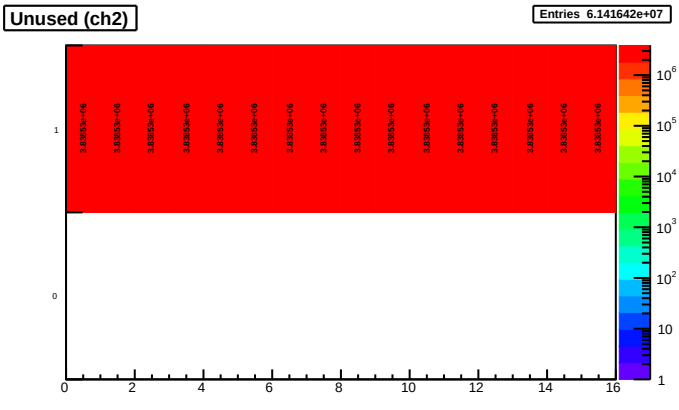

mFP201JPsim_FM104 large south
Entries 1.151558e+07
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

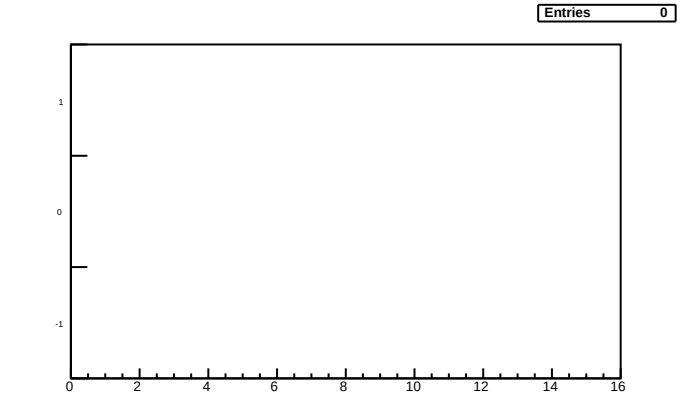

TF201 0-15 (ch0)
Entries 6.141642e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

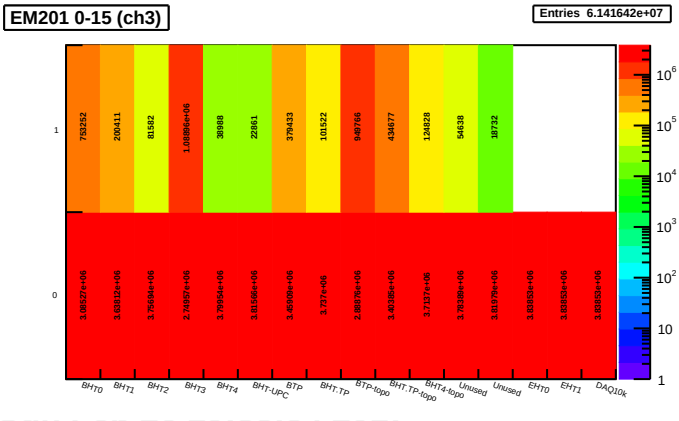

TF201 0-15 (ch0)
Entries 1.479346e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

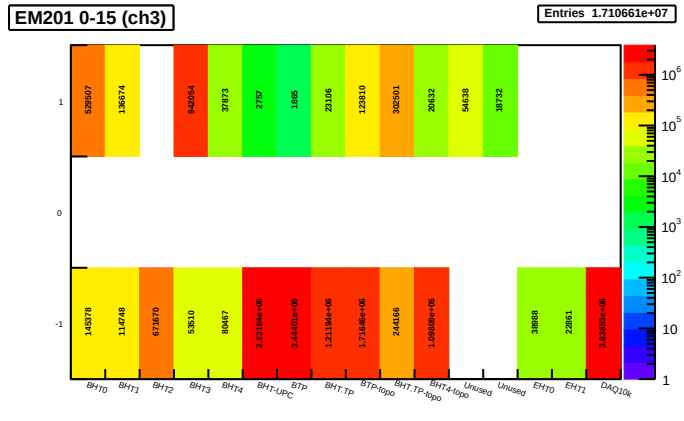

VT201 0-15 (ch1)
Entries 6.141642e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 1.622359e+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

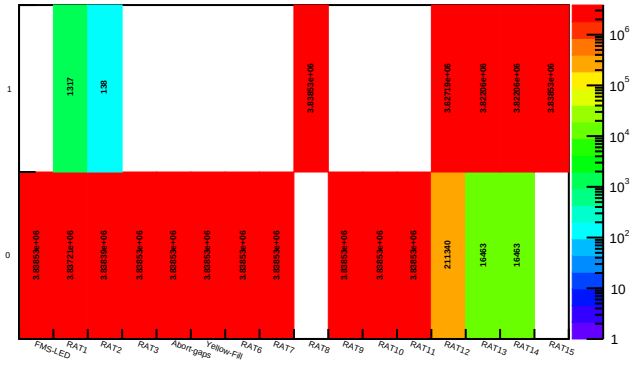

Unused (ch2)
Entries 6.141642e+07

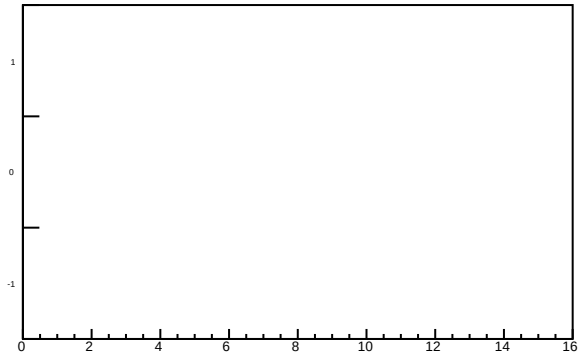

Entries 0


EM201 0-15 (ch3)
Entries 6.141642e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

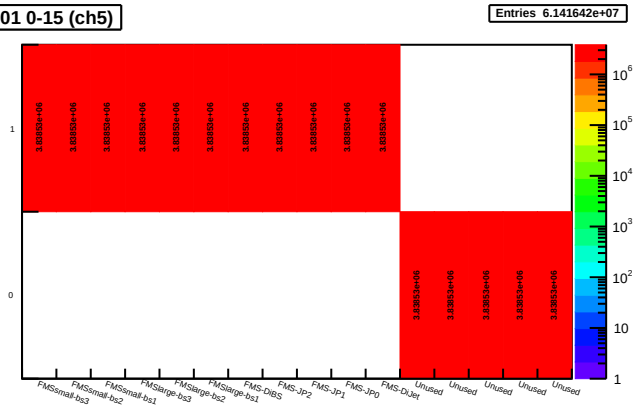

EM201 0-15 (ch3)
Entries 1.710661e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)





FP201 0-15 (ch5)



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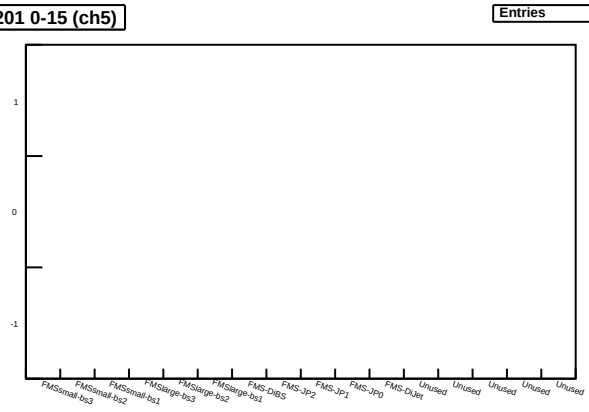

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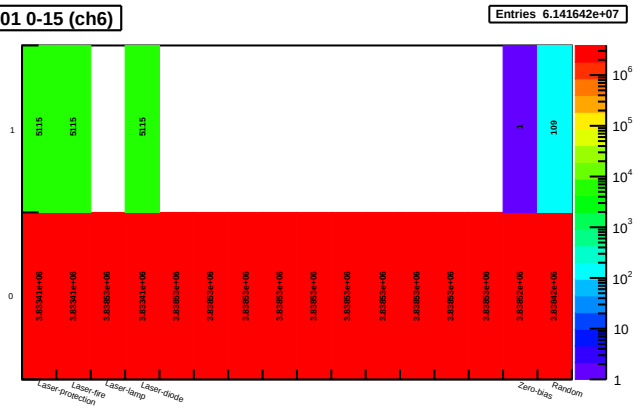

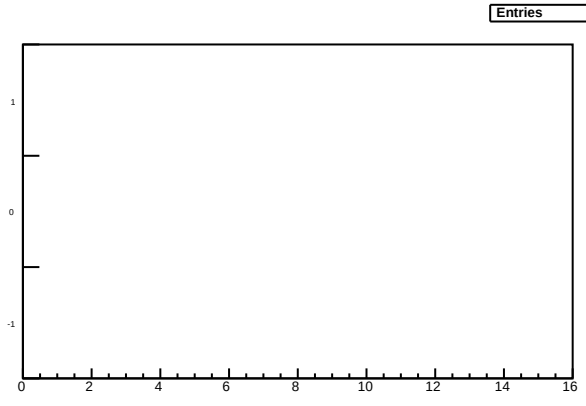
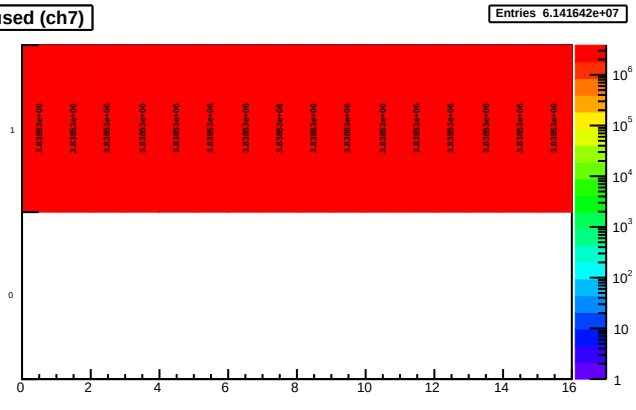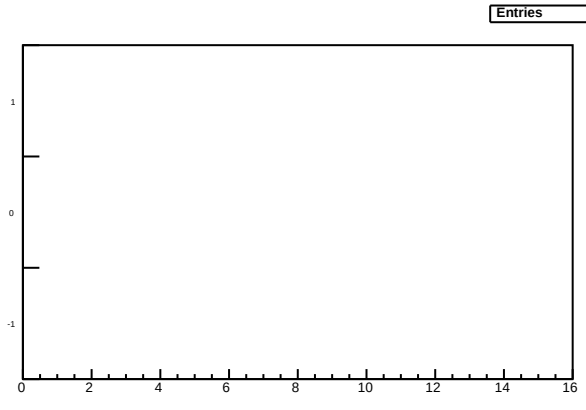
Unused (ch7)