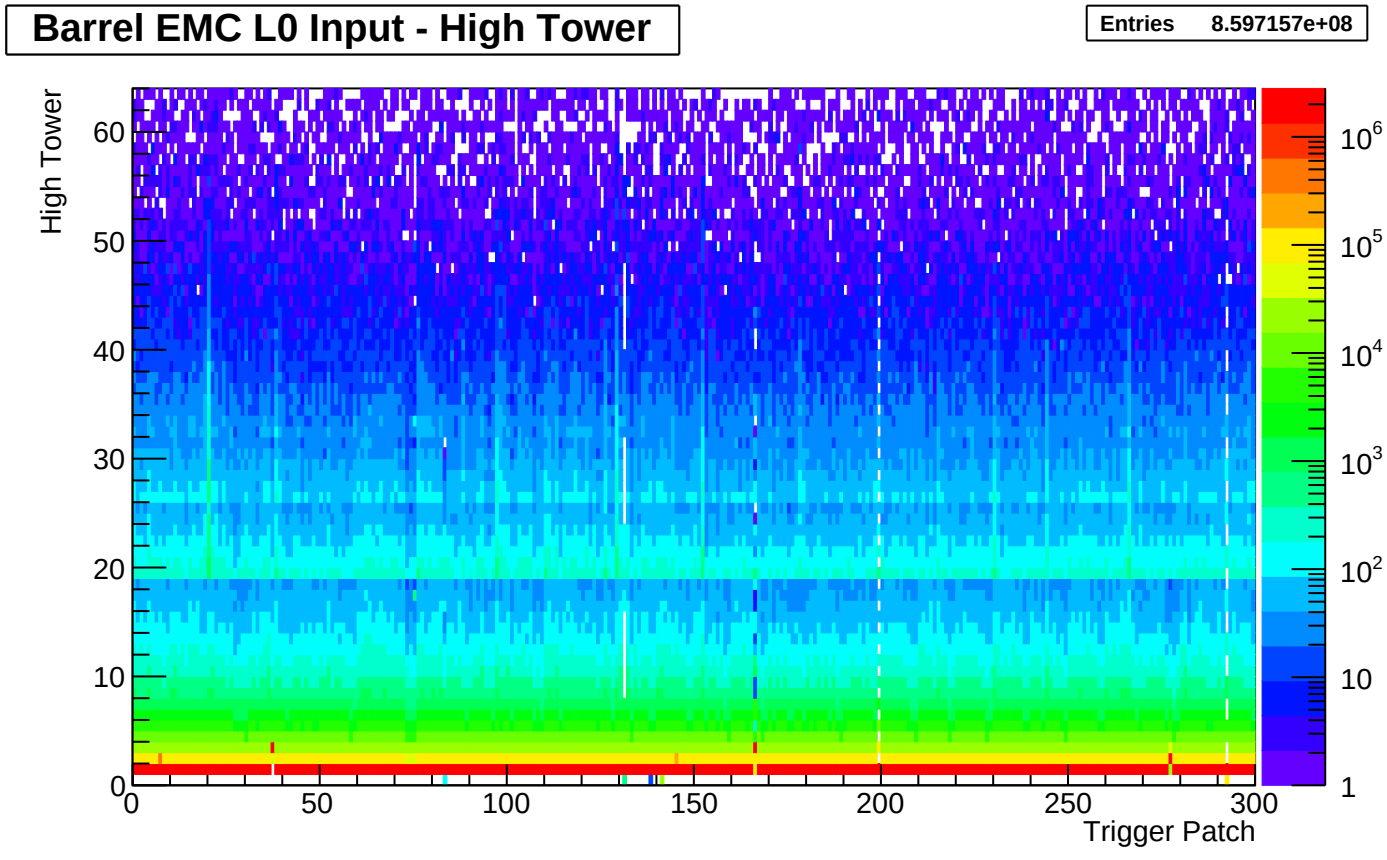
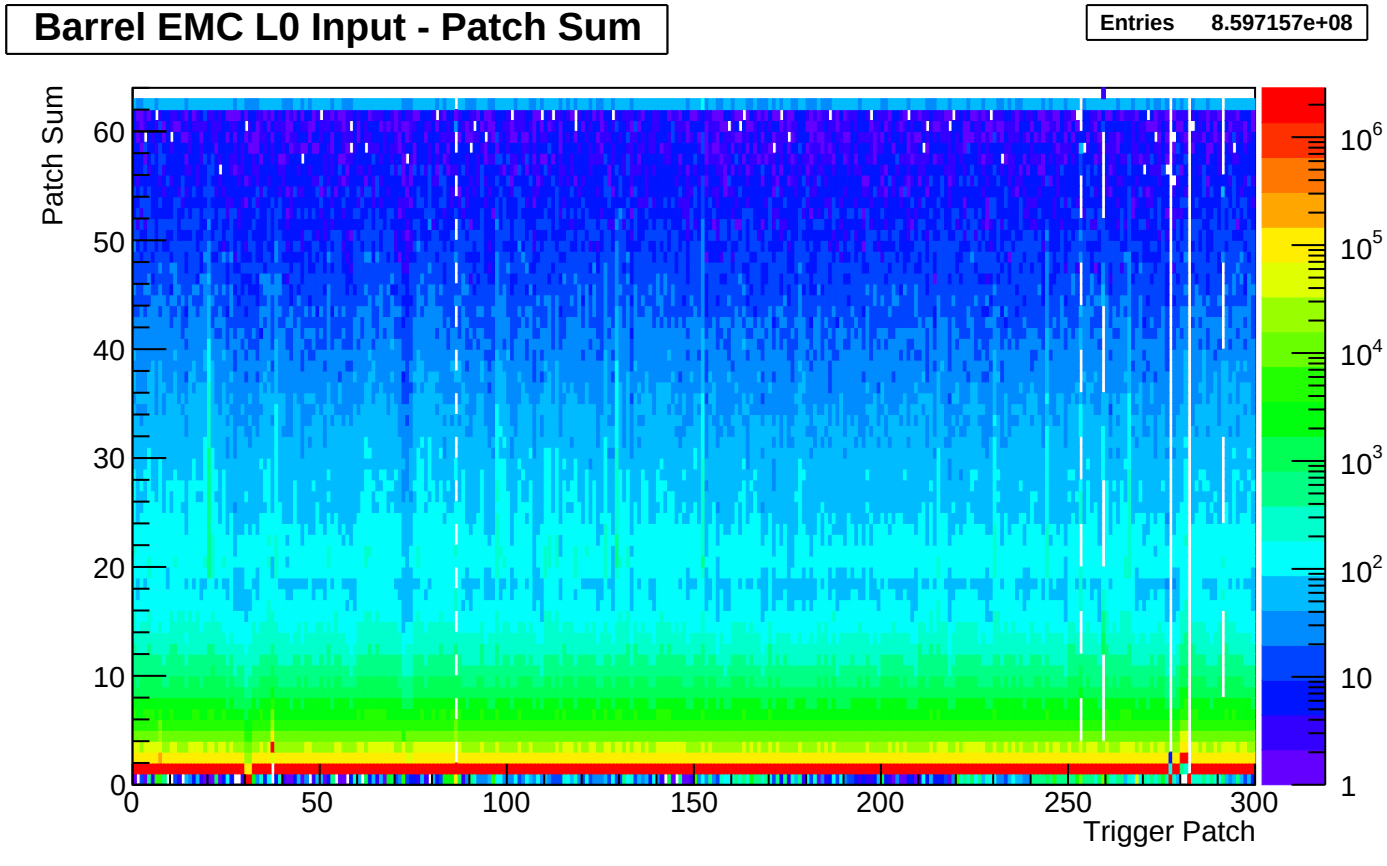
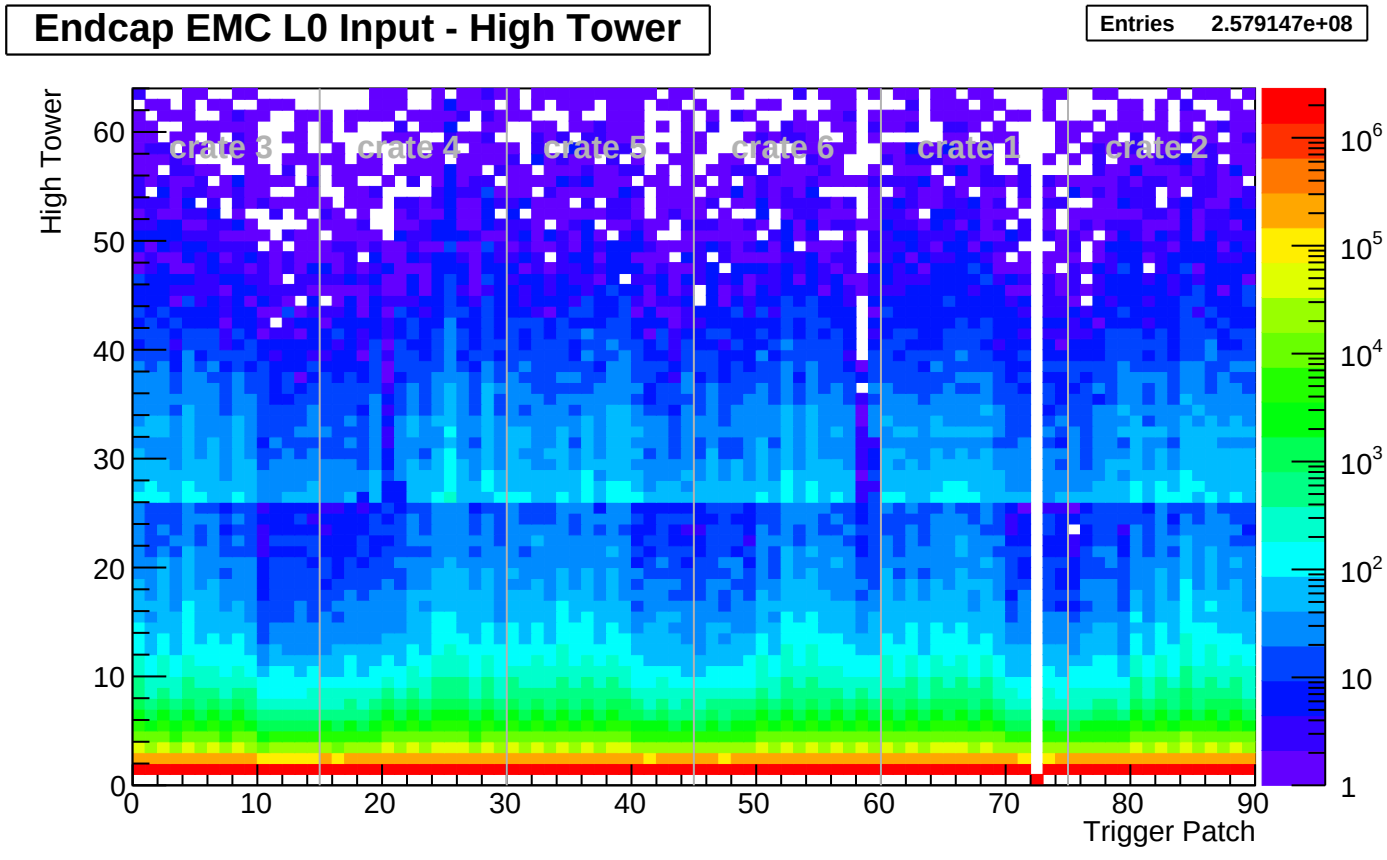
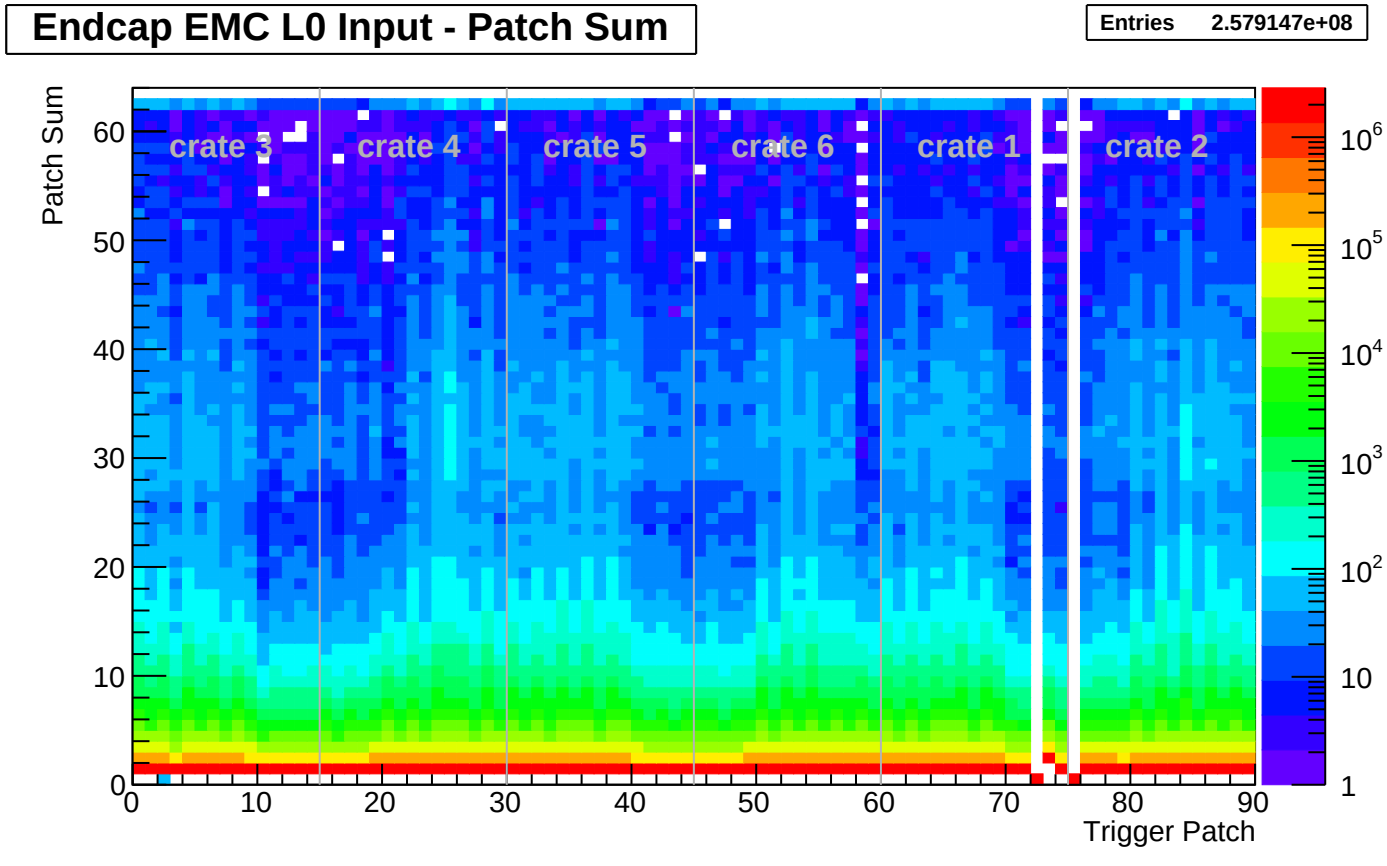
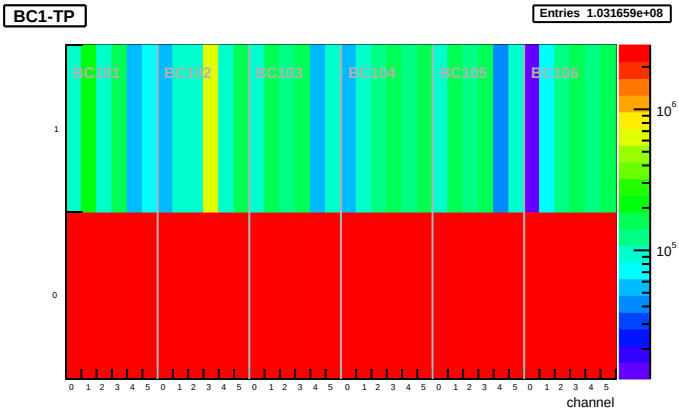
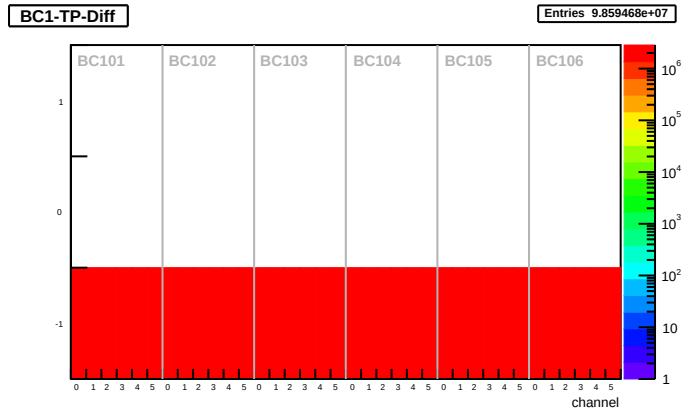

Barrel EMC L0 Input - High Tower
Entries 8.597157e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

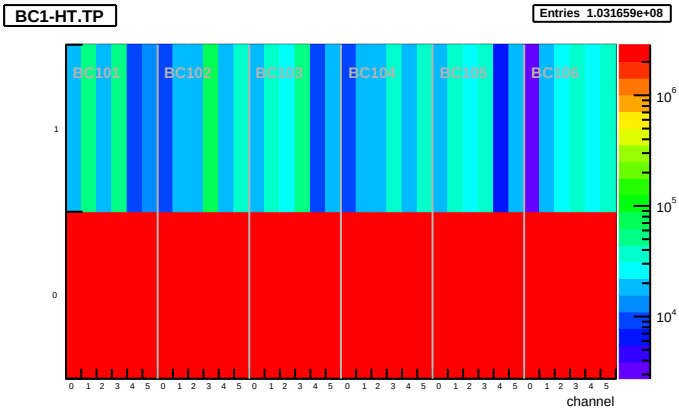

Barrel EMC L0 Input - Patch Sum
Entries 8.597157e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

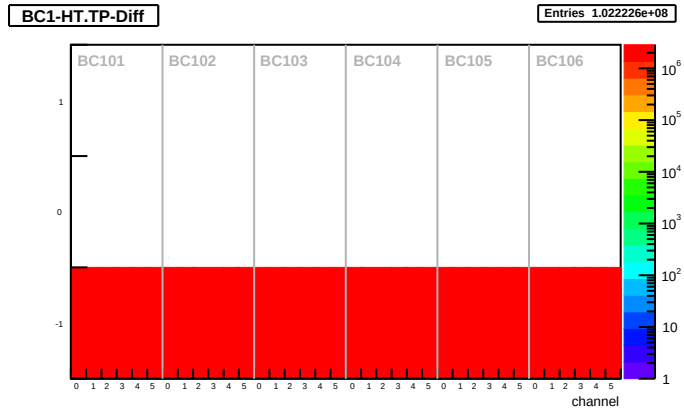

Endcap EMC L0 Input - High Tower
Entries 2.579147e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

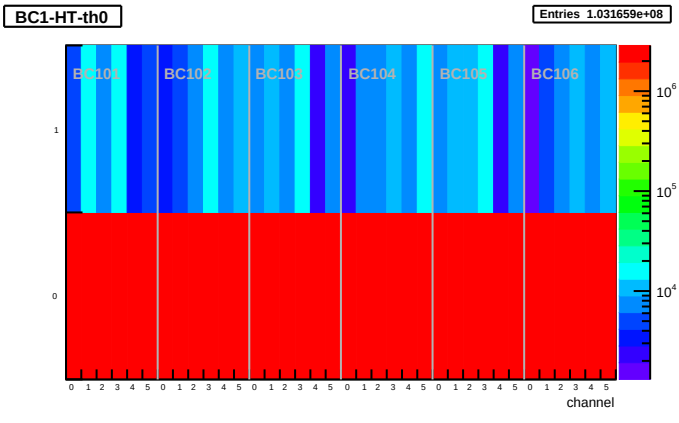

Endcap EMC L0 Input - Patch Sum
Entries 2.579147e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

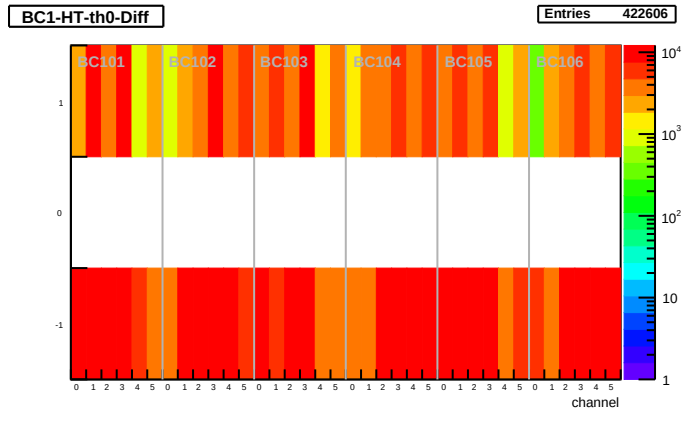

BC1-TP
Entries 1.031659e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

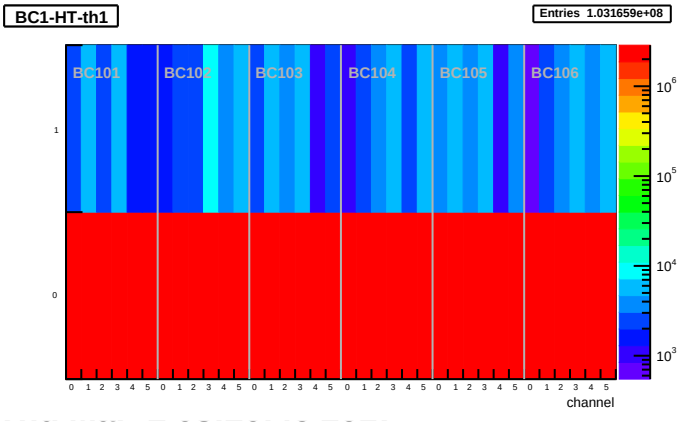

BC1-TP-Diff
Entries 9.859468e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

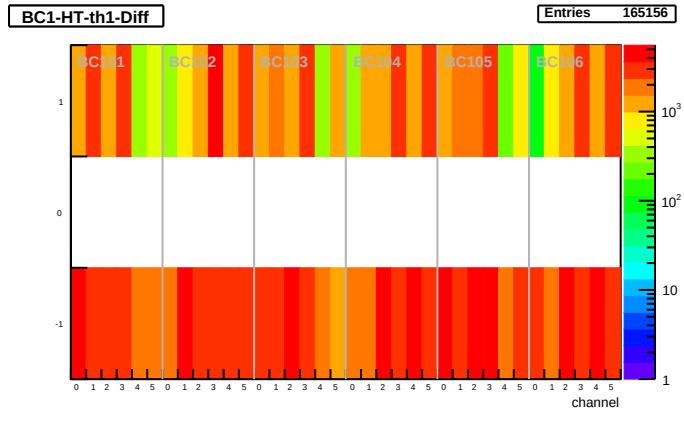

BC1-HT.TP
Entries 1.031659e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 1.022226e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0
Entries 1.031659e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

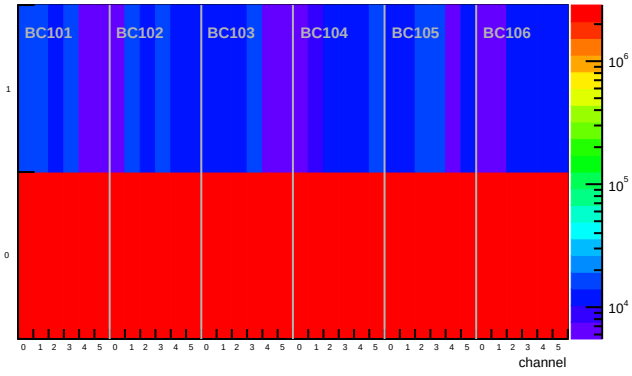

BC1-HT-th0-Diff
Entries 422606
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1
Entries 1.031659e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 165156
BC101
BC102
BC103
BC104
BC105
BC106
channel

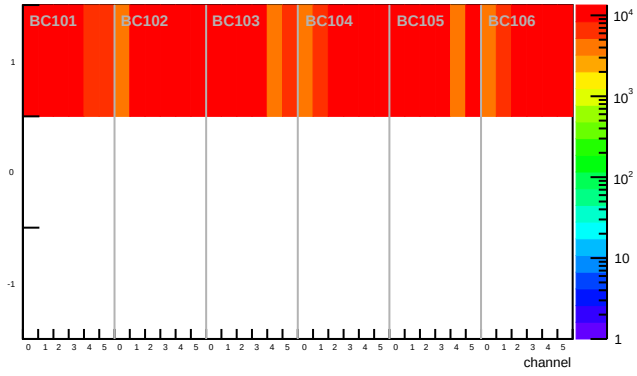
BC1-HT-th2

Entries 1.031659e+08



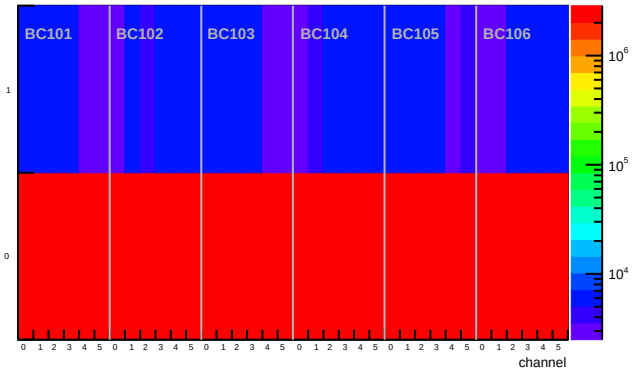
BC1-HT-th2-Diff

Entries 337468



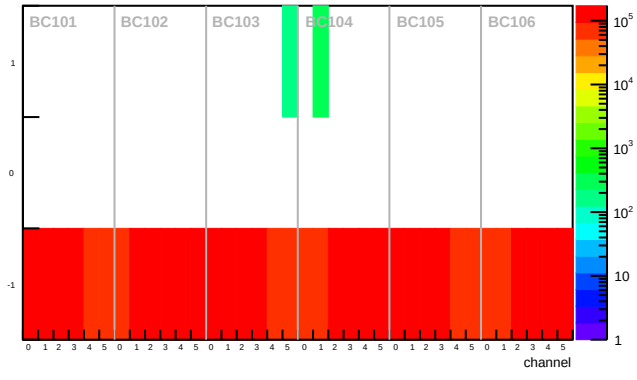
BC1-HT-th3

Entries 1.031659e+08



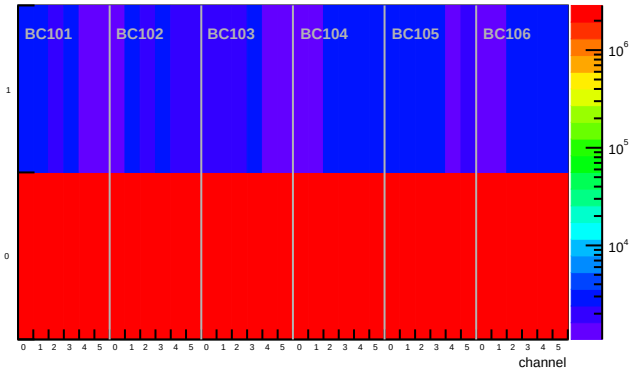
BC1-HT-th3-Diff

Entries 4777003



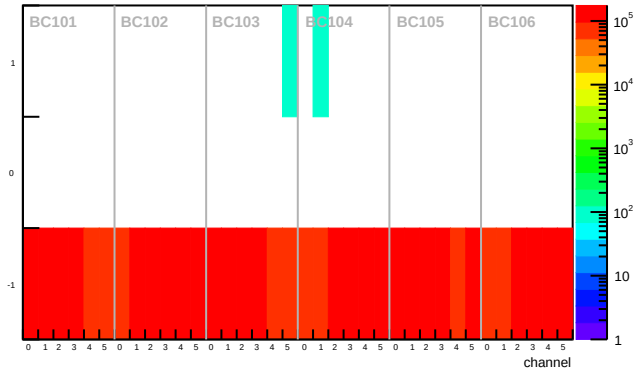
BC1-HT-th4

Entries 1.031659e+08



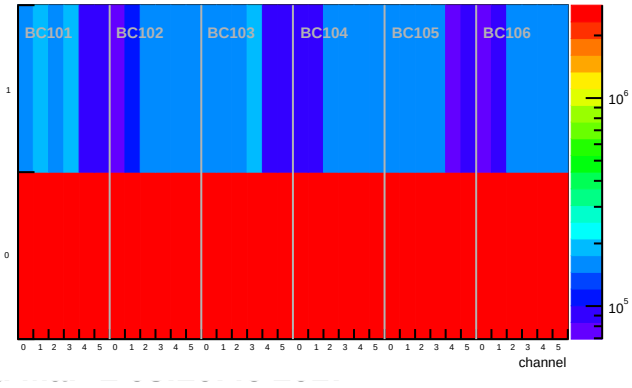
BC1-HT-th4-Diff

Entries 4880091



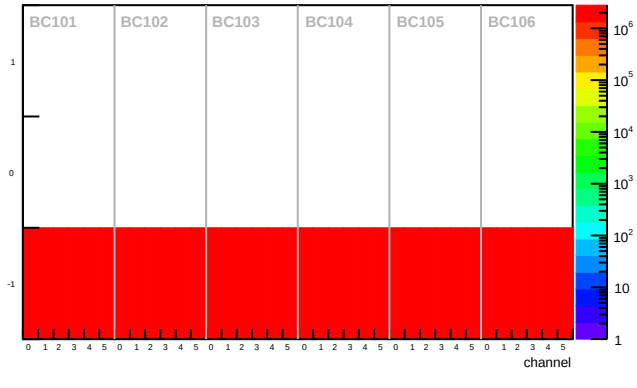
BC1-HT-UPC

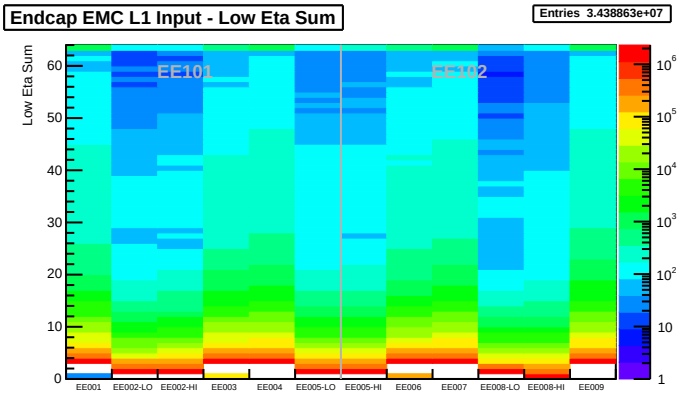
Entries 1.031659e+08

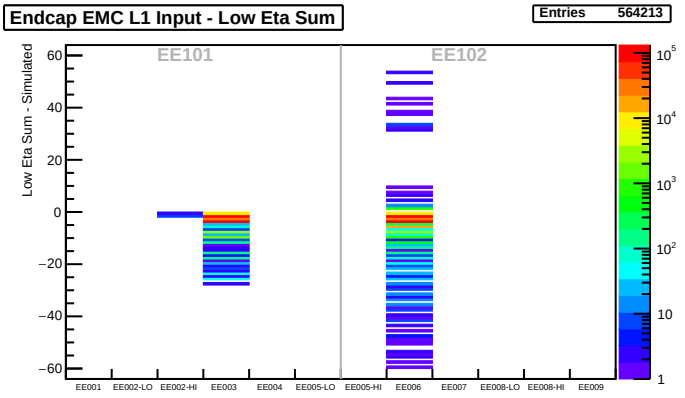


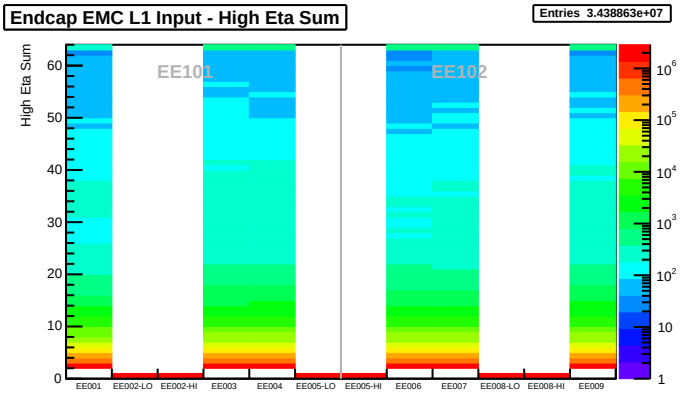
BC1-HT-UPC-Diff

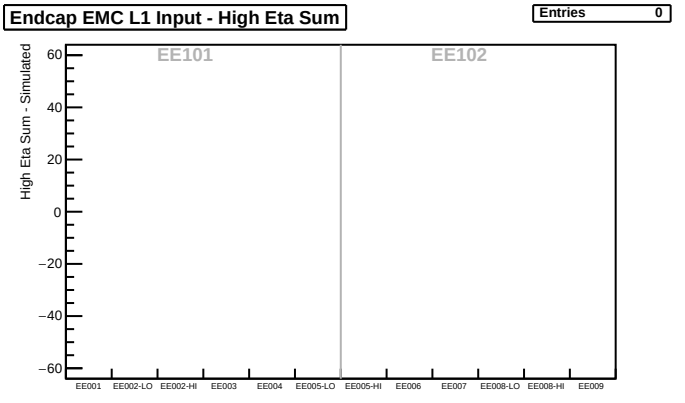
Entries 9.824715e+07

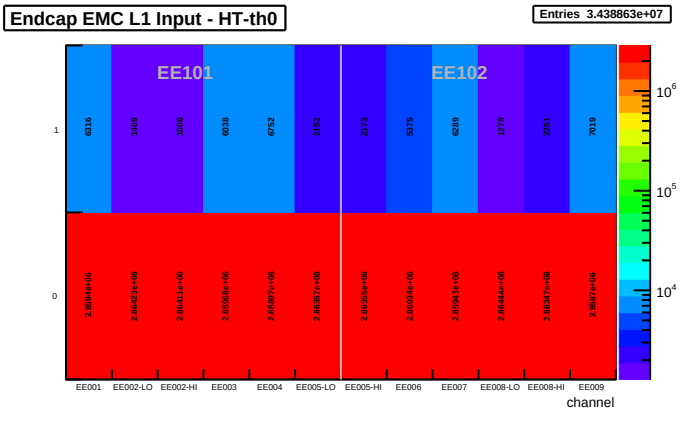


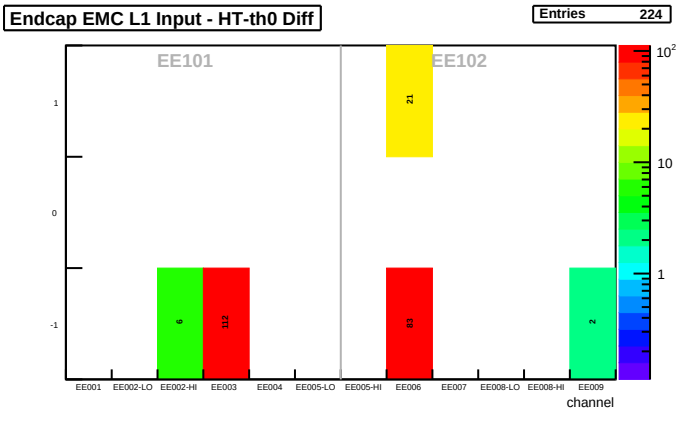

Endcap EMC L1 Input - Low Eta Sum
Entries 3.438863e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

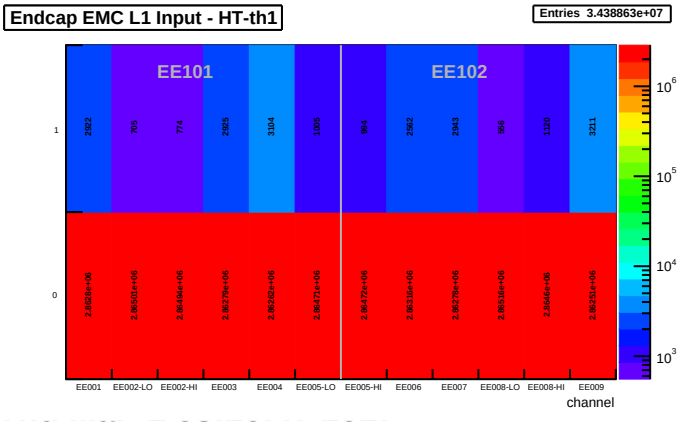

Endcap EMC L1 Input - Low Eta Sum
Entries 564213
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

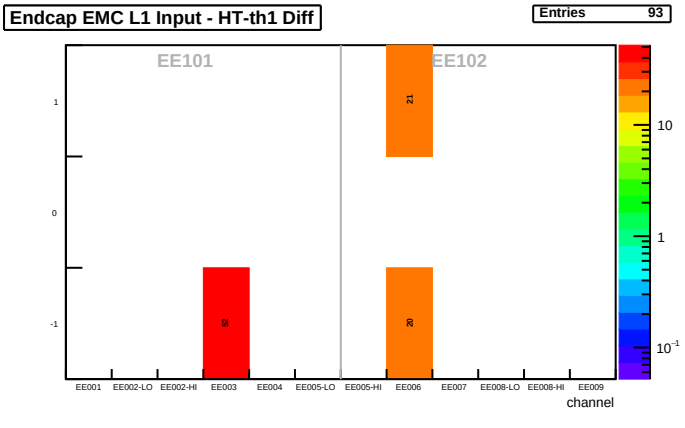

Endcap EMC L1 Input - High Eta Sum
Entries 3.438863e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

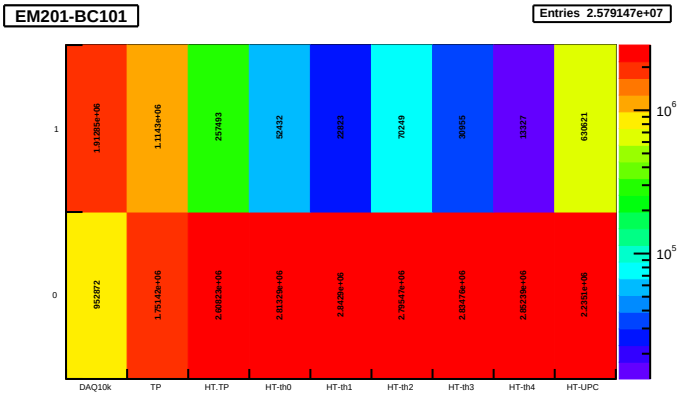

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

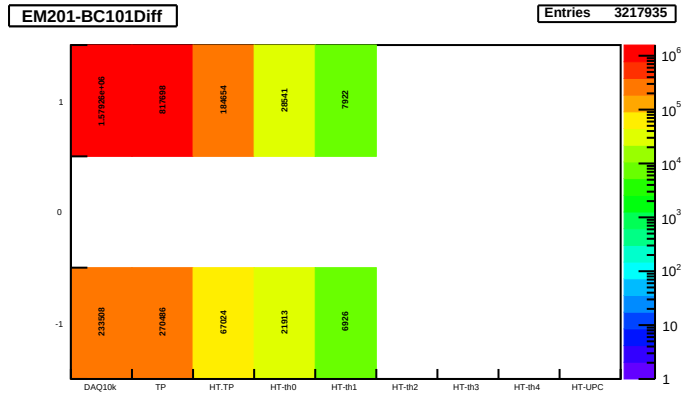

Endcap EMC L1 Input - HT-th0
Entries 3.438863e+07
EE101
EE102
6316 1489 1608 6038 6752 2152 2173 5375 6289 1279 2251 7019
2.8594e+06 2.864623e+06 2.826411e+06 2.859698e+06 2.856987e+06 2.863537e+06 2.863535e+06 2.86034e+06 2.859413e+06 2.826444e+06 2.86347e+06 2.8687e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

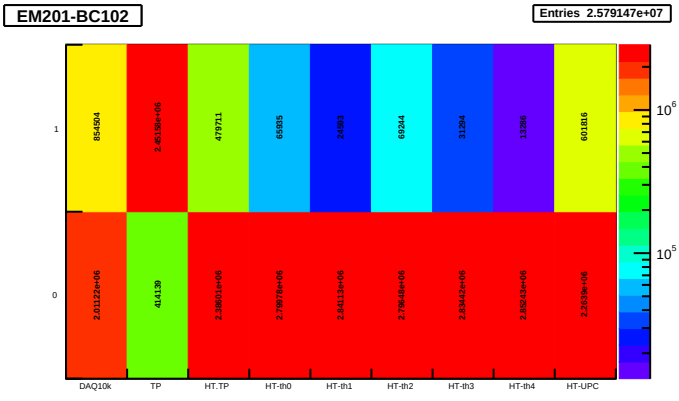

Endcap EMC L1 Input - HT-th0 Diff
Entries 224
EE101
EE102
21
6 112 83 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

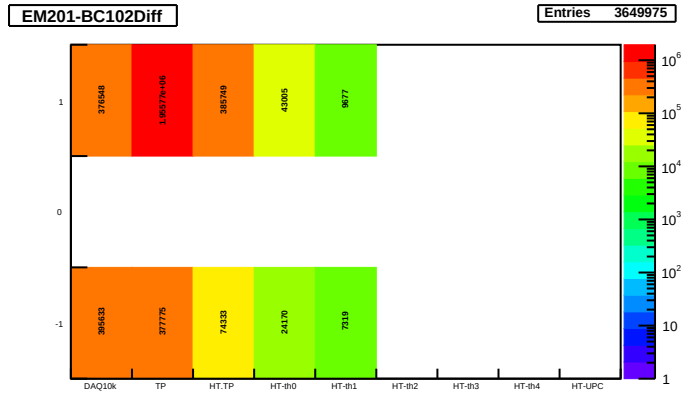

Endcap EMC L1 Input - HT-th1
Entries 3.438863e+07
EE101
EE102
2922 705 774 2825 3104 1005 994 2952 2943 556 1120 3211
2.8628e+06 2.86501e+06 2.86094e+06 2.86279e+06 2.86262e+06 2.86471e+06 2.86472e+06 2.86316e+06 2.86278e+06 2.86518e+06 2.8646e+06 2.86251e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

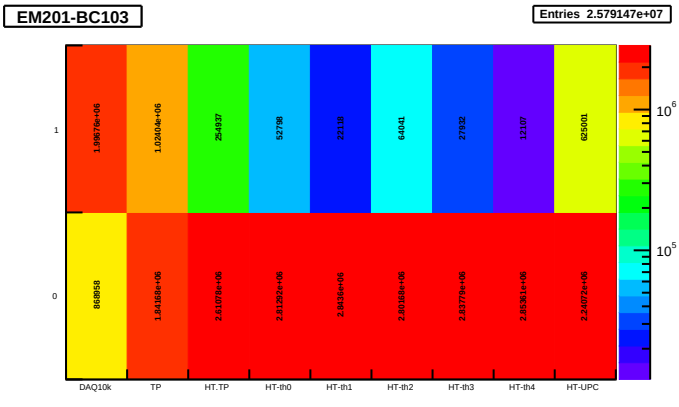

Endcap EMC L1 Input - HT-th1 Diff
Entries 93
EE101
EE102
21
52 20
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

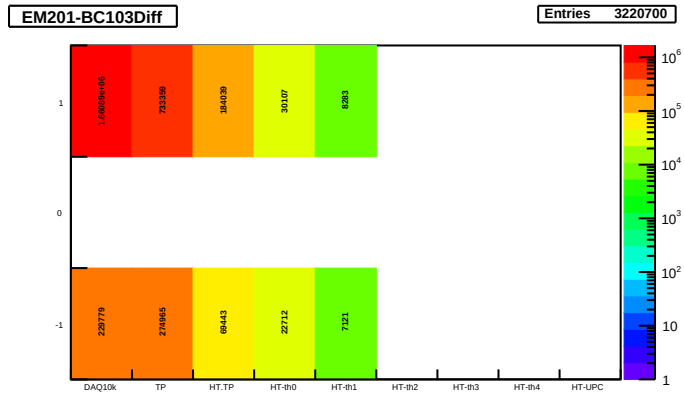

EM201-BC101
Entries 2.579147e+07
1.91285e+06
1.1143e+06
257493
52432
22223
70249
30955
13327
630621
952872
1.75142e+06
2.60323e+06
2.81329e+06
2.34294e+06
2.79547e+06
2.83479e+06
2.85239e+06
2.23351e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

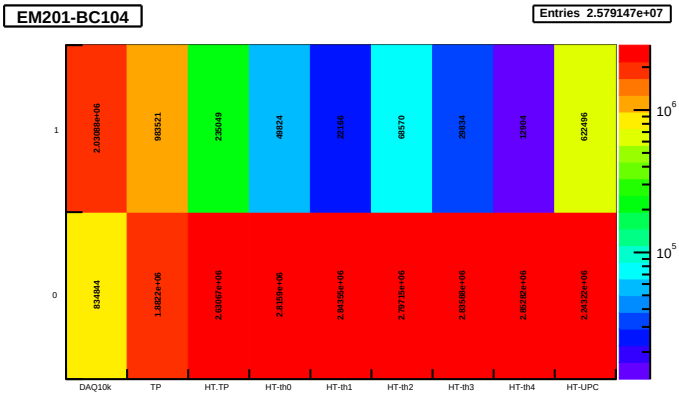

EM201-BC101Diff
Entries 3217935
1.57928e+06
817698
184654
28541
7922
233508
270486
67824
21913
6926
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

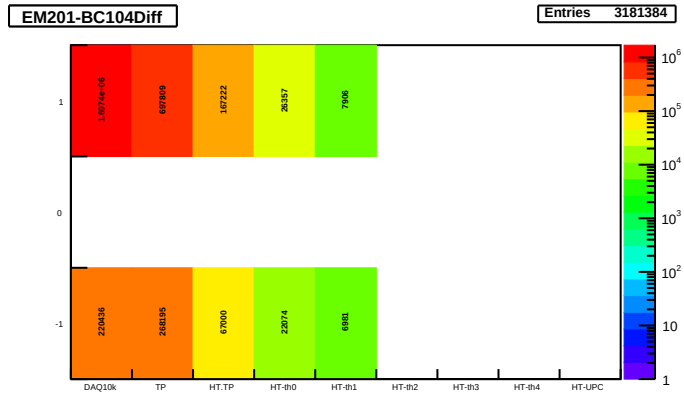

EM201-BC102
Entries 2.579147e+07
854504
2.45158e+06
479711
65835
24593
69244
31254
13286
601816
2.01122e+06
414139
2.38011e+06
2.79978e+06
2.84113e+06
2.79649e+06
2.83442e+06
2.85243e+06
2.26398e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 3649975
376548
1.65577e+06
385749
43005
9677
395633
377775
74323
24170
7319
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

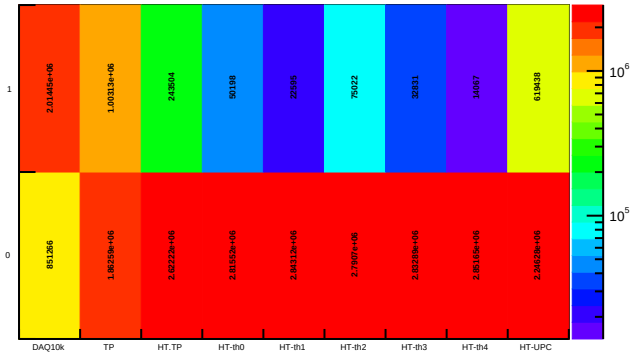

EM201-BC103
Entries 2.579147e+07
1.96978e+06
1.02404e+06
254537
52798
22118
64041
27932
12107
625001
868958
1.84168e+06
2.61078e+06
2.81292e+06
2.8436e+06
2.80163e+06
2.83779e+06
2.85361e+06
2.24072e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 3220700
1.66089e+06
733359
184039
30107
8283
229779
274965
69443
22712
7121
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

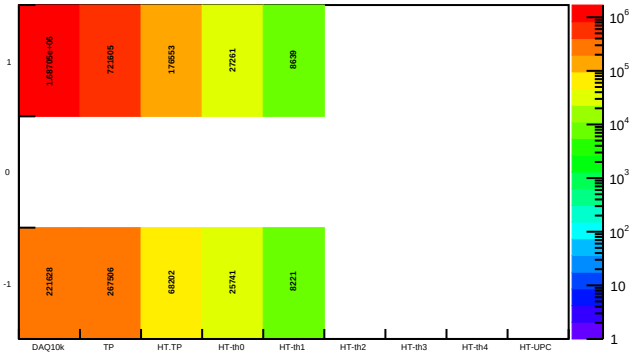

EM201-BC104
Entries 2.579147e+07
2.03088e+06
983521
236049
49824
22166
69570
28834
12554
622496
834844
1.8822e+06
2.63057e+06
2.8159e+06
2.84355e+06
2.79715e+06
2.83588e+06
2.85282e+06
2.24322e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 3181384
1.6074e+06
697809
167222
26357
7906
220436
268195
67000
22074
6981
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

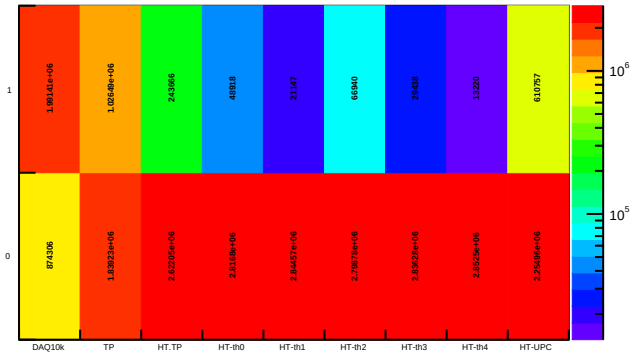
EM201-BC105 Entries 2.579147e+07



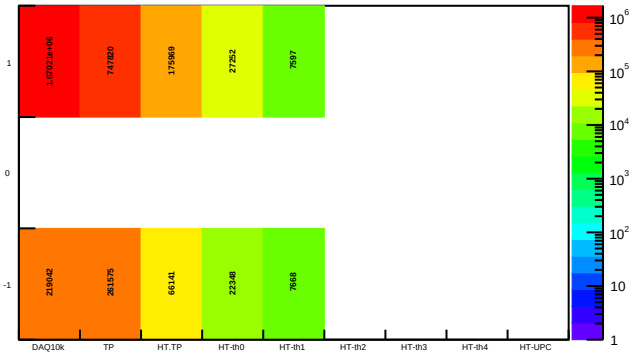
EM201-BC105Diff Entries 3212409



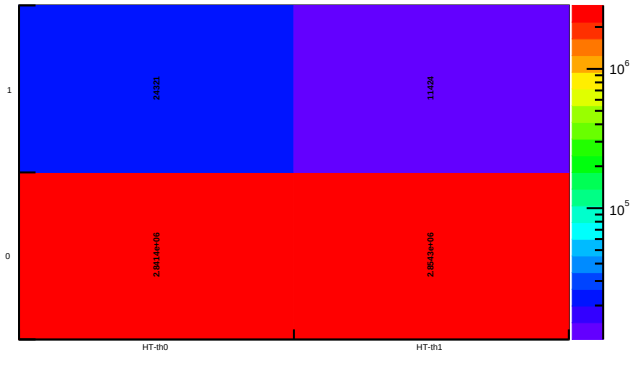
EM201-BC106 Entries 2.579147e+07



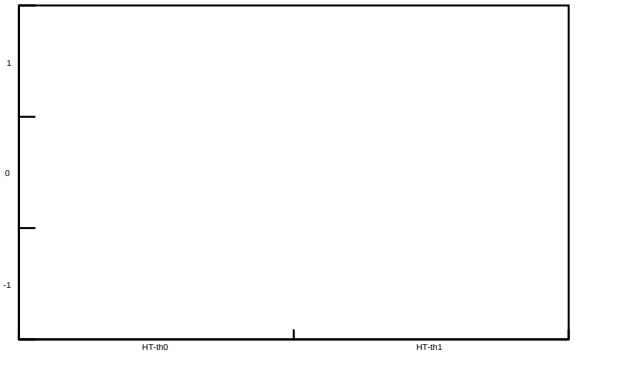
EM201-BC106Diff Entries 3205625



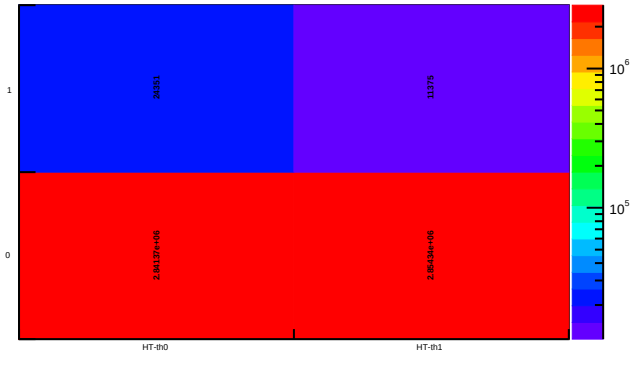
EM201-EE101 Entries 5731438



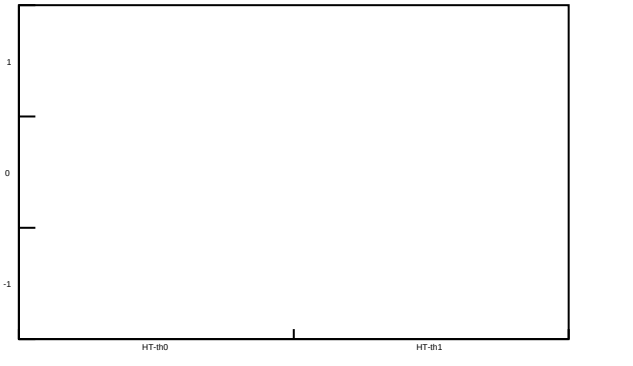
EM201-EE101Diff Entries 0

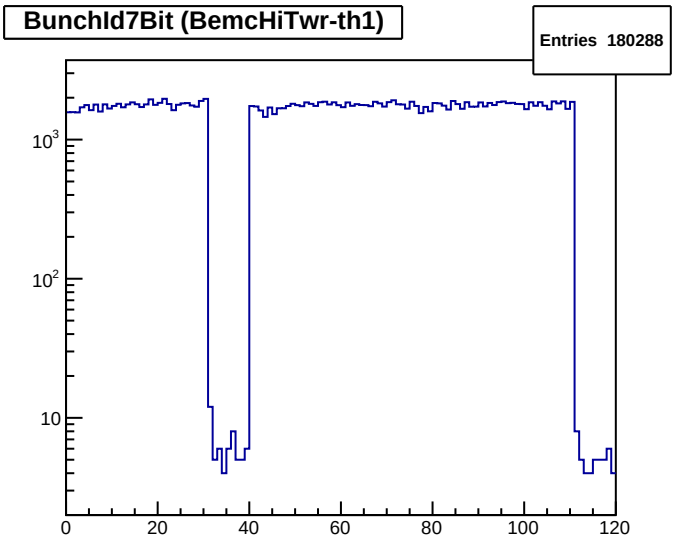


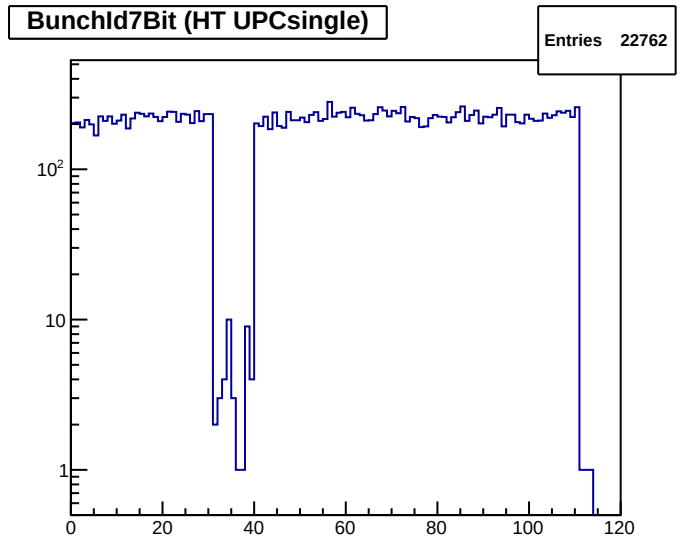
EM201-EE102 Entries 5731438

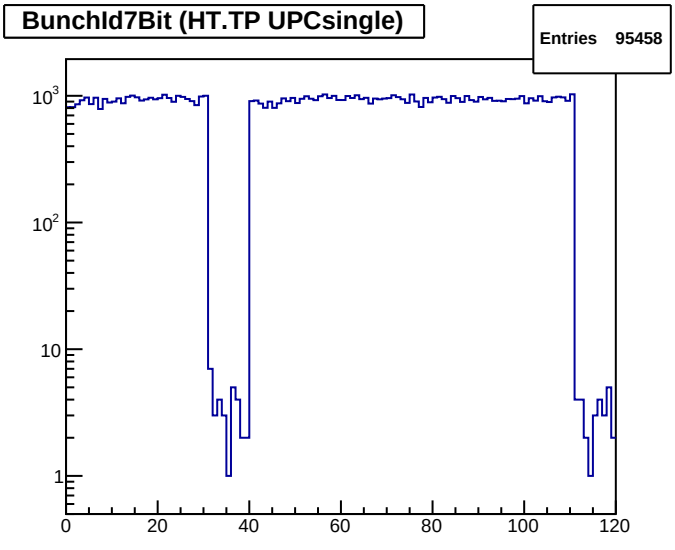


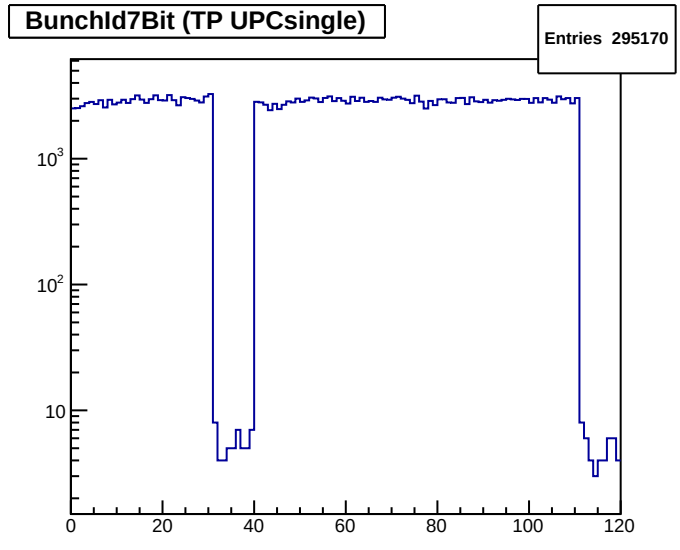
EM201-EE102Diff Entries 0

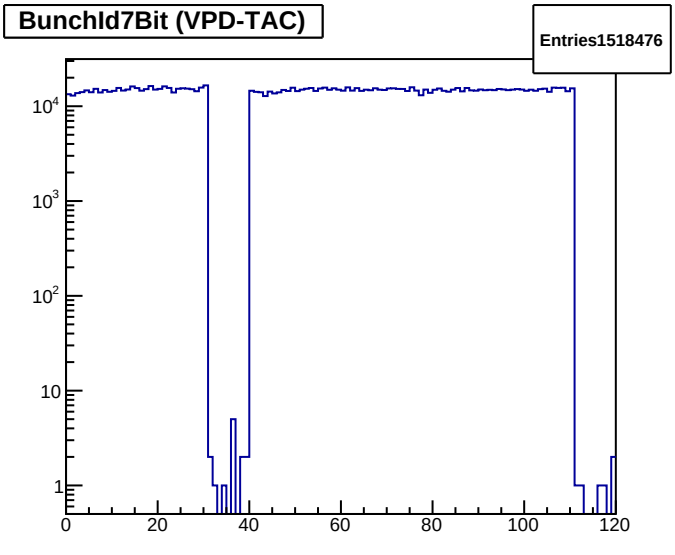


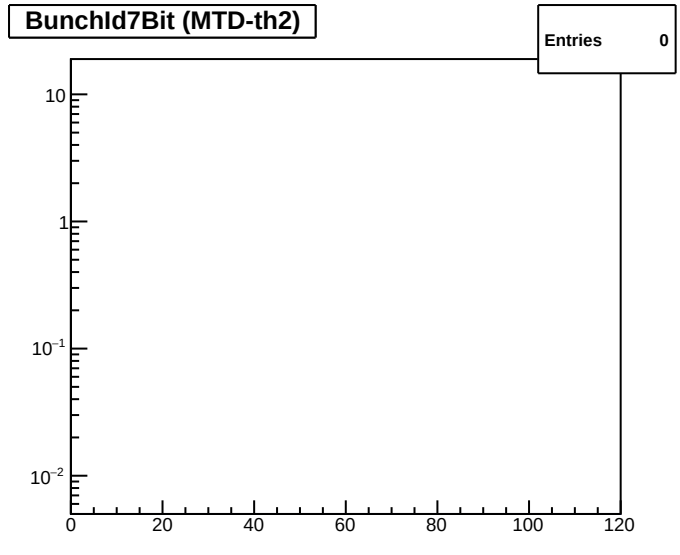

BunchId7Bit (BemcHiTwr-th1)
Entries 180288
10^3
10^2
10
0 20 40 60 80 100 120

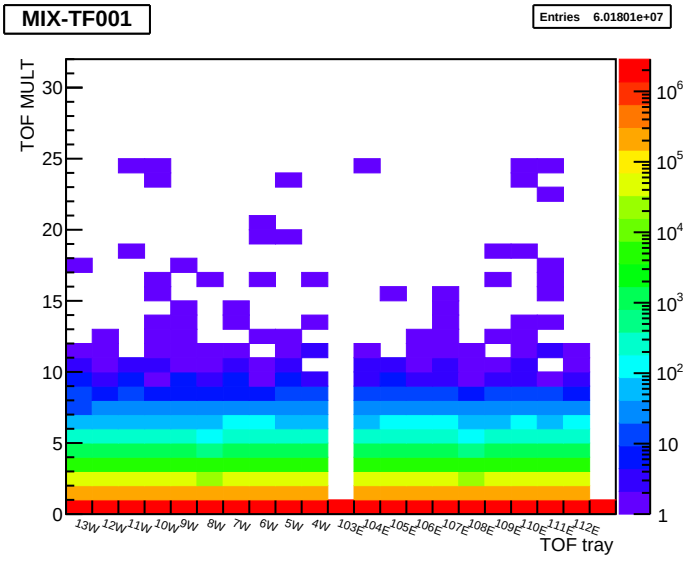

BunchId7Bit (HT UPCsingle)
Entries 22762
10^2
10
1
0 20 40 60 80 100 120

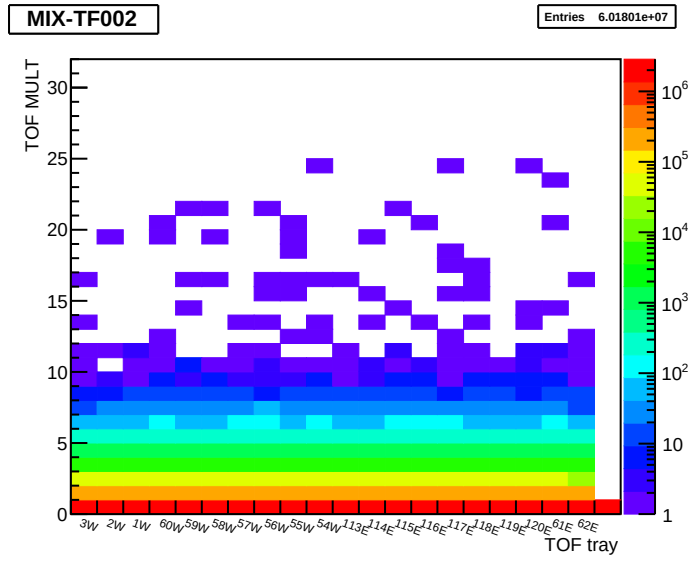

BunchId7Bit (HT.TP UPCsingle)
Entries 95458
10^3
10^2
10
1
0 20 40 60 80 100 120

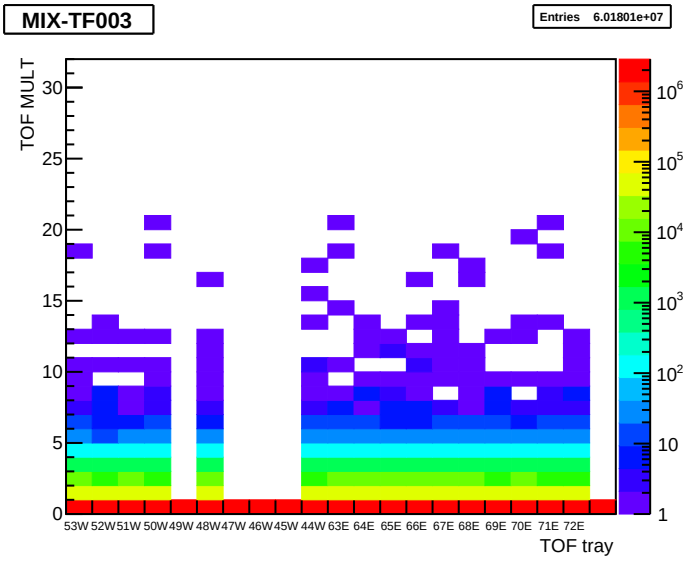

BunchId7Bit (TP UPCsingle)
Entries 295170
10^3
10^2
10
0 20 40 60 80 100 120

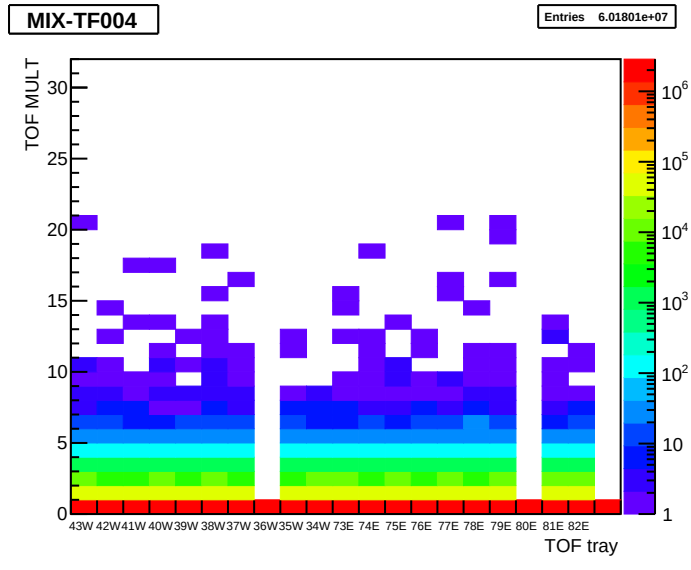

BunchId7Bit (VPD-TAC)
Entries1518476
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

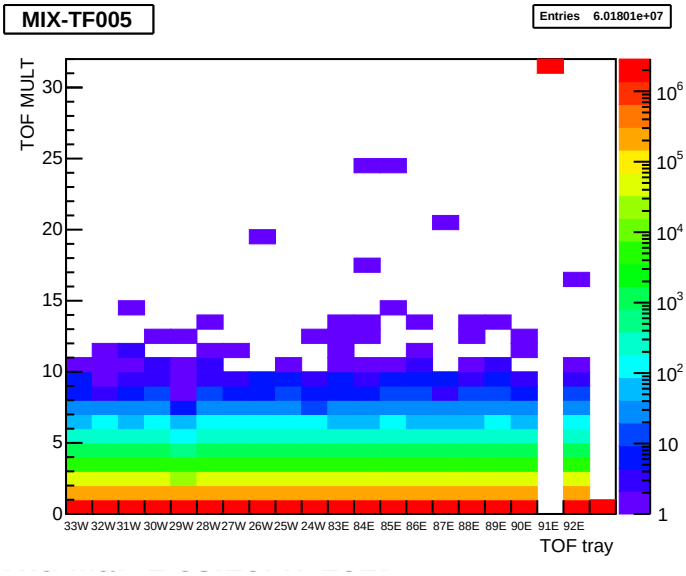

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

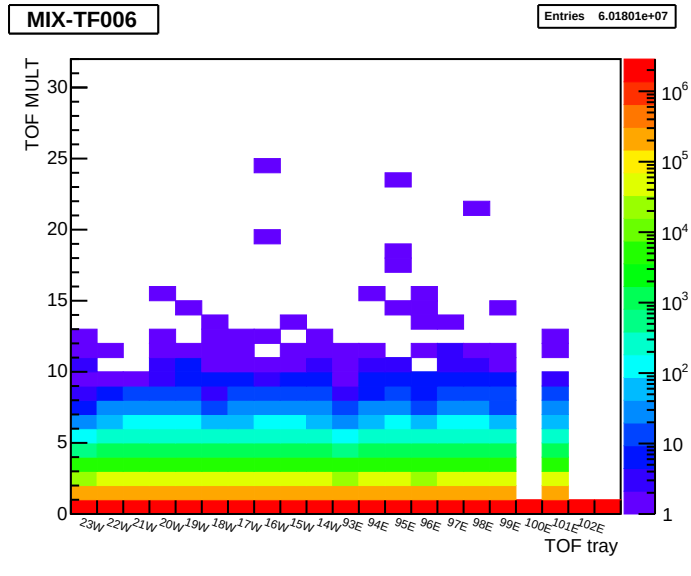

MIX-TF001
Entries 6.01801e+07
TOF MULT
TOF tray

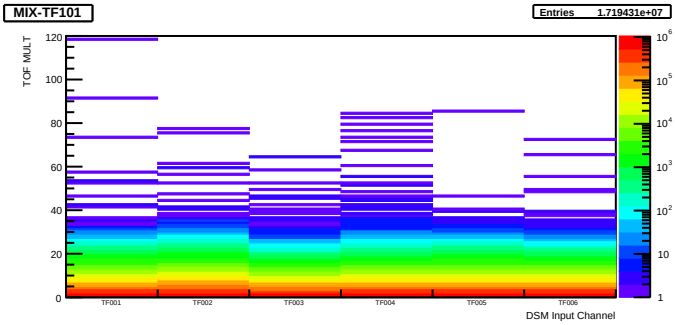

MIX-TF002
Entries 6.01801e+07
TOF MULT
TOF tray

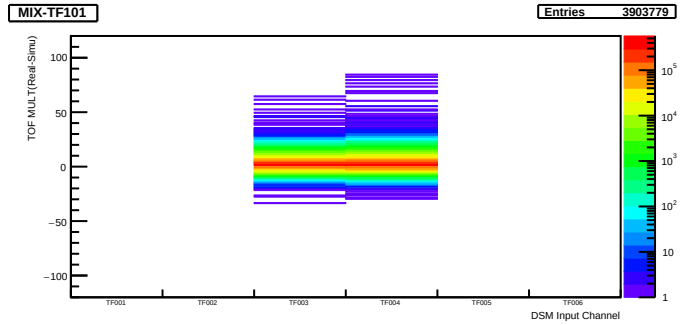

MIX-TF003
Entries 6.01801e+07
TOF MULT
TOF tray

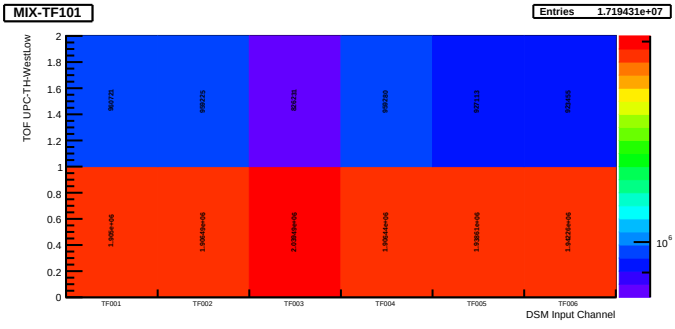

MIX-TF004
Entries 6.01801e+07
TOF MULT
TOF tray

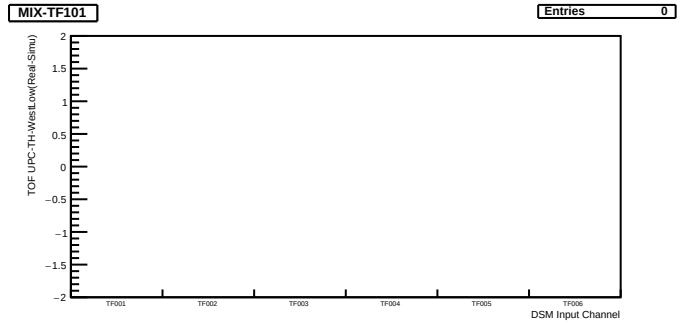

MIX-TF005
Entries 6.01801e+07
TOF MULT
TOF tray

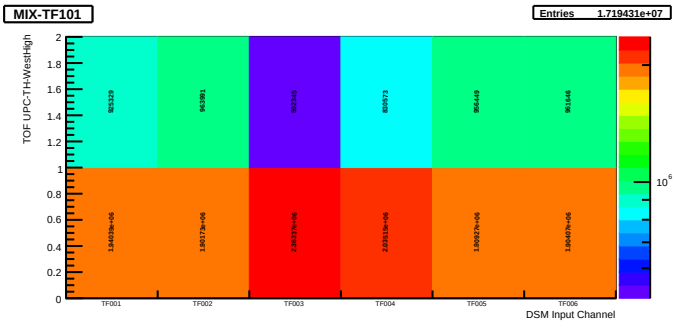

MIX-TF006
Entries 6.01801e+07
TOF MULT
TOF tray

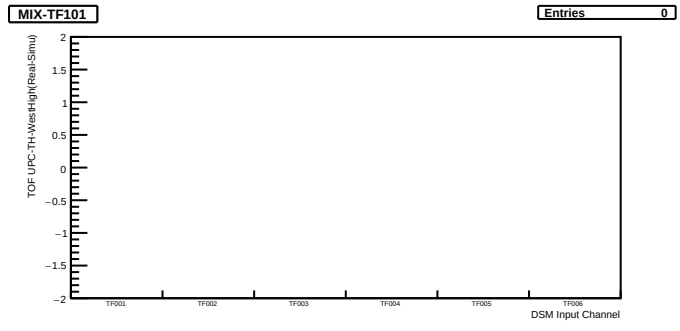

MIX-TF101
Entries 1.719431e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

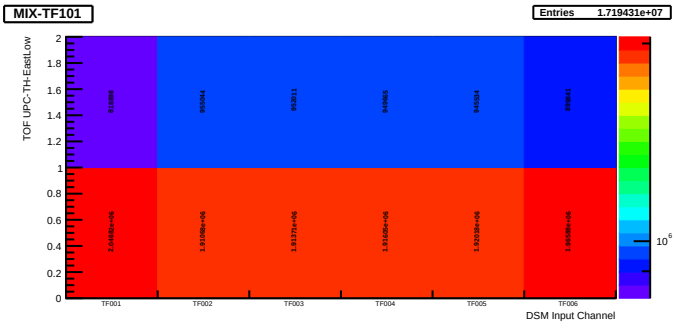

MIX-TF101
Entries 3903779
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

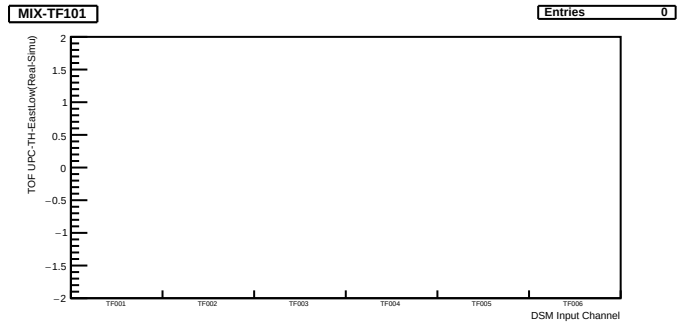

MIX-TF101
Entries 1.719431e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

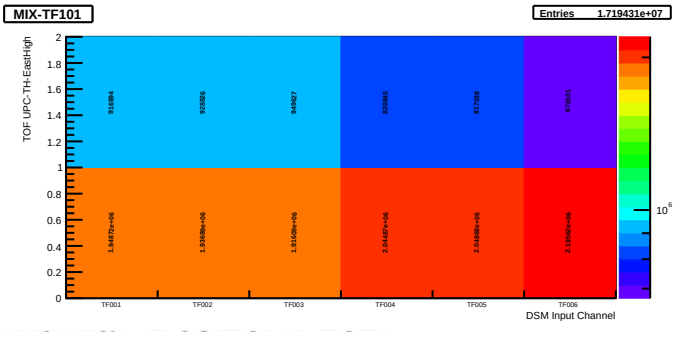

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

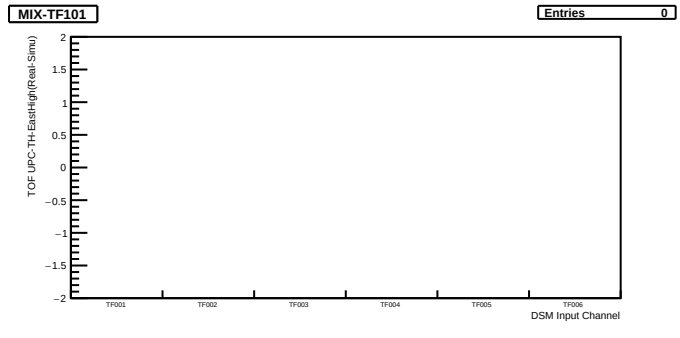

MIX-TF101
Entries 1.719431e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

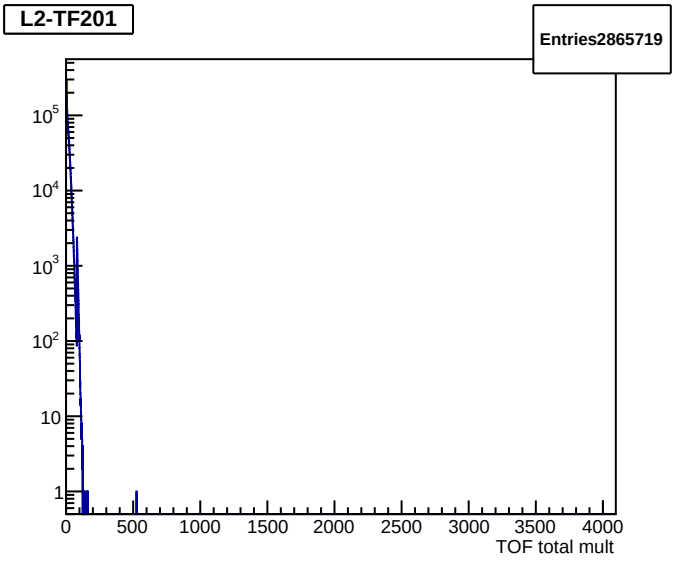

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

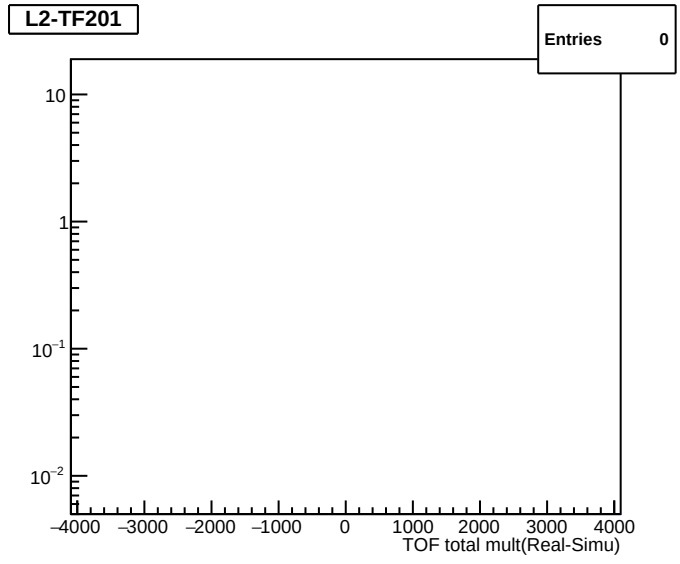

MIX-TF101
Entries 1.719431e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

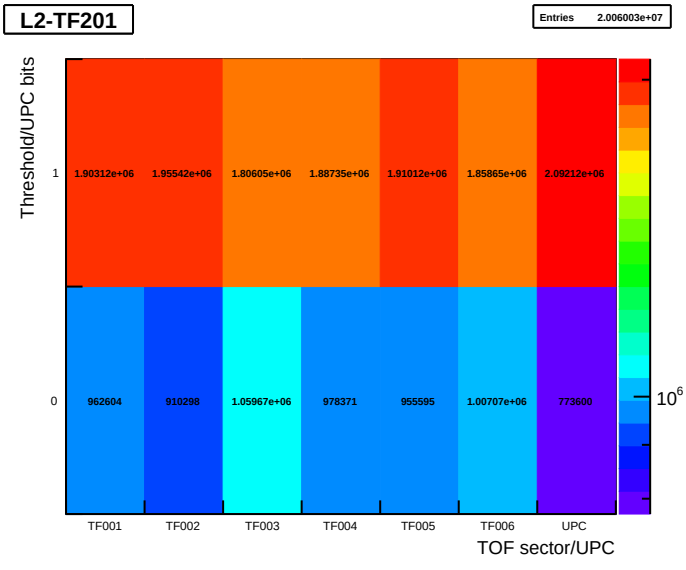

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

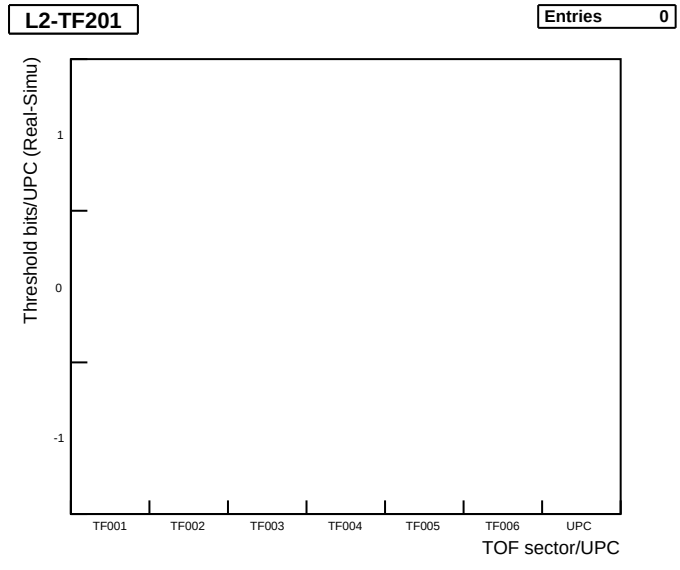

MIX-TF101
Entries 1.719431e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

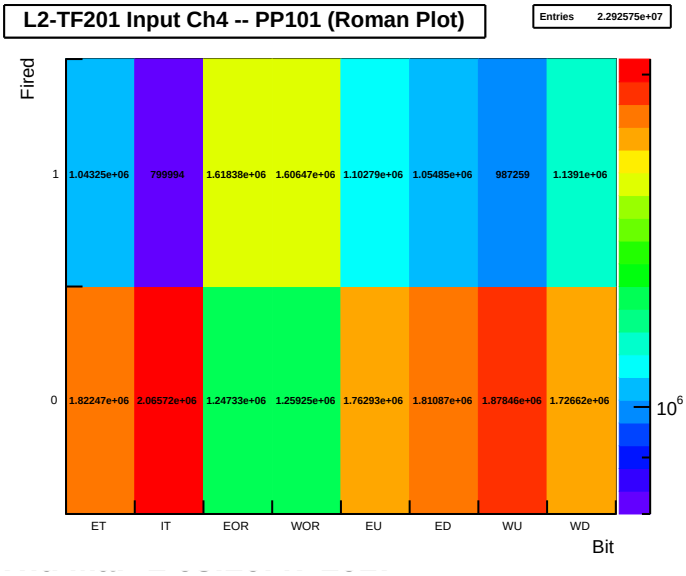

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

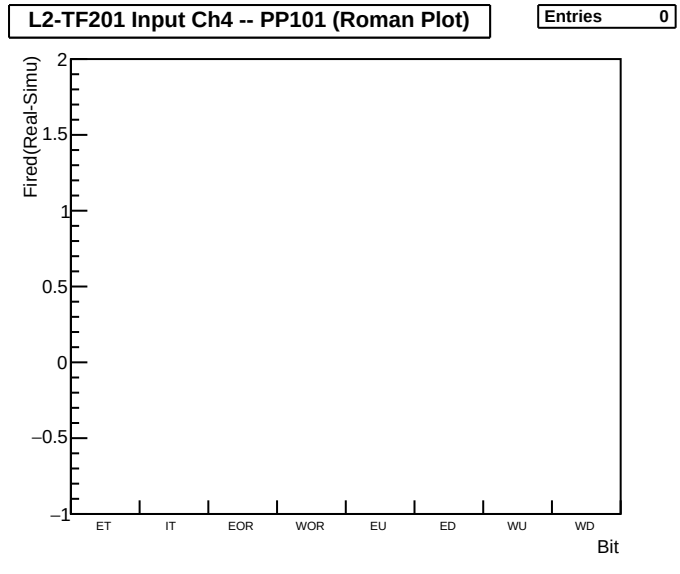

L2-TF201
Entries2865719
TOF total mult

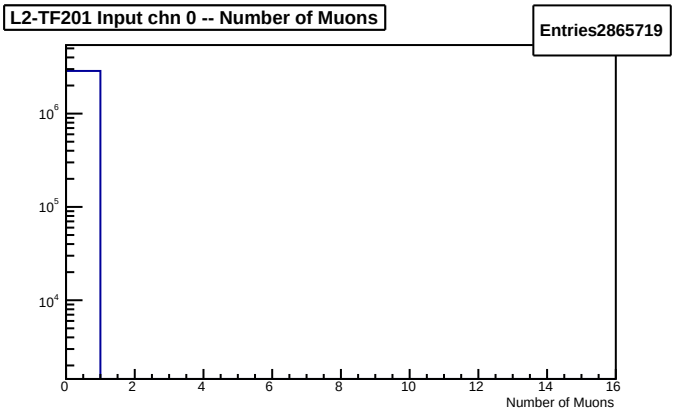

L2-TF201
Entries 0
TOF total mult(Real-Simu)

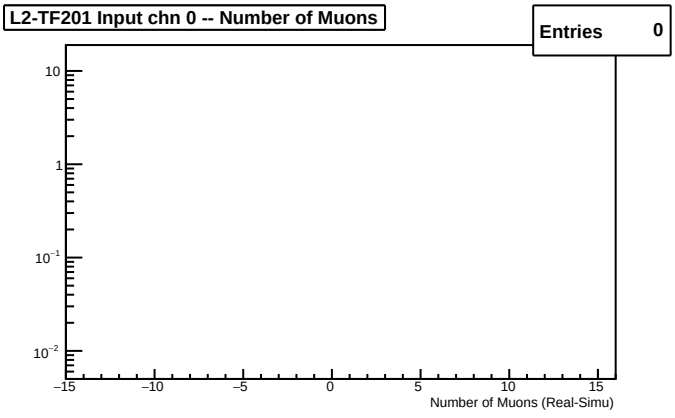

L2-TF201
Entries 2.006003e+07
Threshold/UPC bits
1.90312e+06
1.95542e+06
1.80605e+06
1.88735e+06
1.91012e+06
1.85865e+06
2.09212e+06
962604
910298
1.05967e+06
978371
955595
1.00707e+06
773600
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

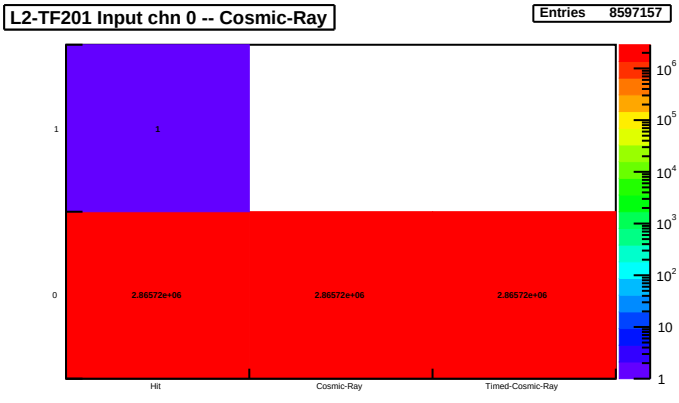

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

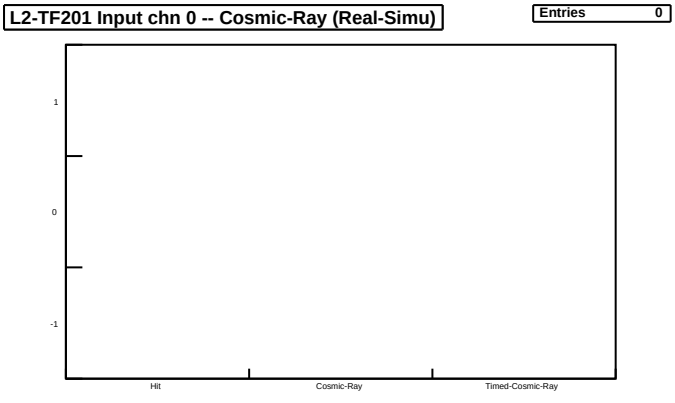

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.292575e+07
Fired
1.04325e+06
799994
1.61838e+06
1.60647e+06
1.10279e+06
1.05485e+06
987259
1.1391e+06
1.82247e+06
2.06572e+06
1.24733e+06
1.25925e+06
1.76293e+06
1.81087e+06
1.87846e+06
1.72662e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

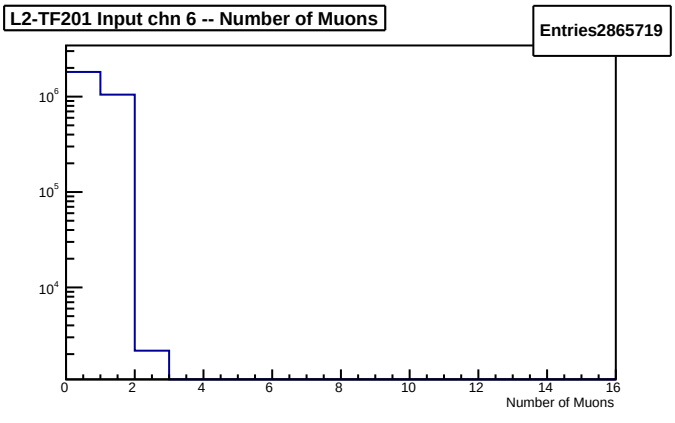

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

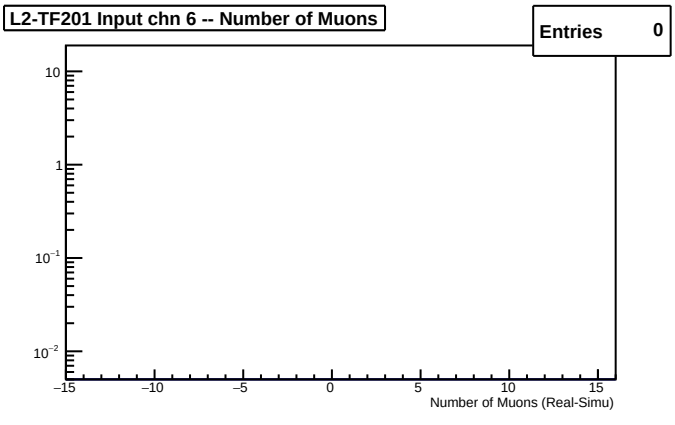

L2-TF201 Input chn 0 -- Number of Muons
Entries2865719
Number of Muons

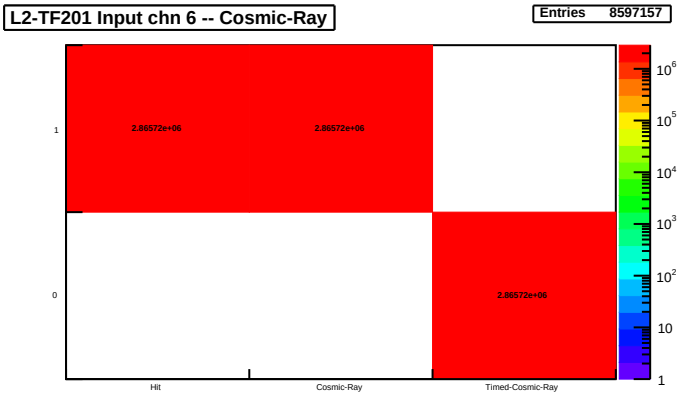

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

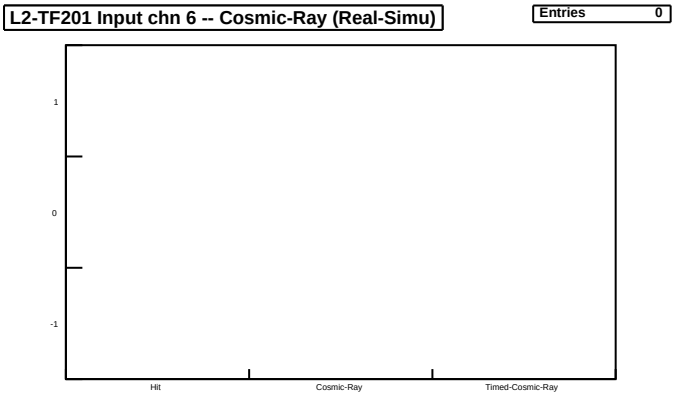

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8597157
1
2.86572e+06
2.86572e+06
2.86572e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

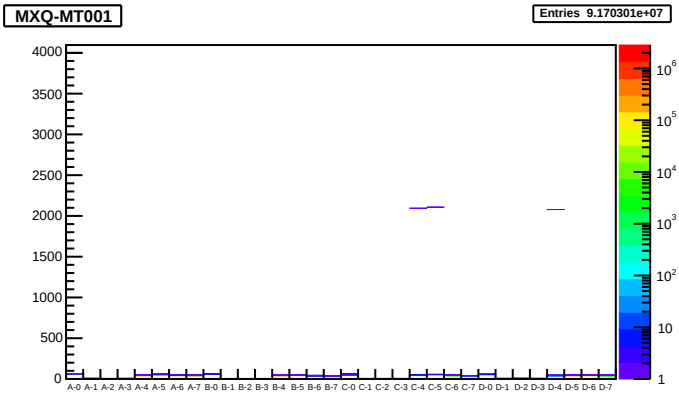

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

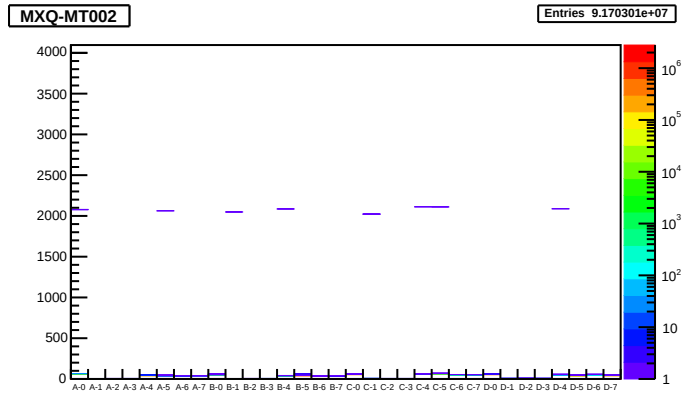

L2-TF201 Input chn 6 -- Number of Muons
Entries2865719
Number of Muons

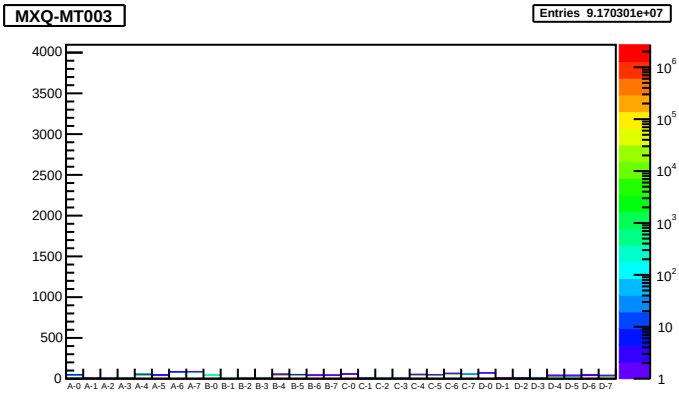

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

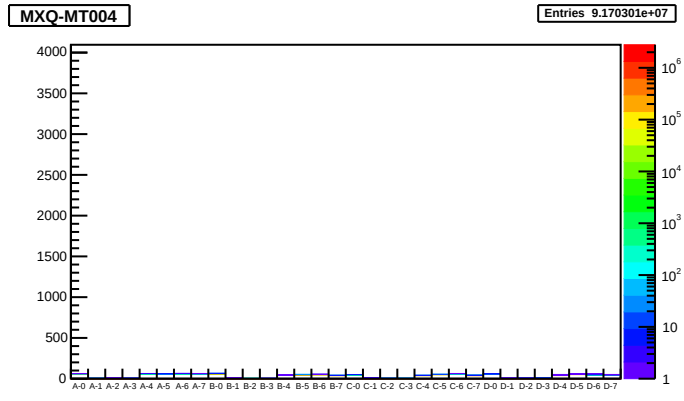

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 8597157
2.86572e+06
2.86572e+06
2.86572e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

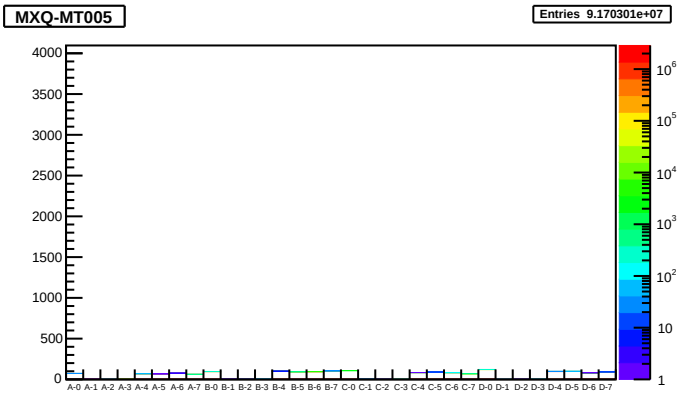

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

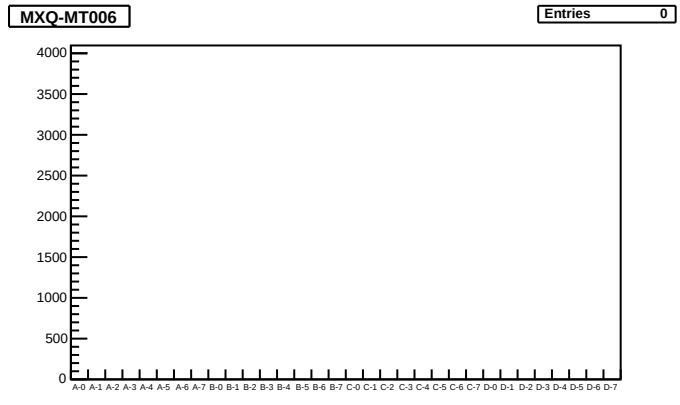

MXQ-MT001
Entries 9.170301e+07

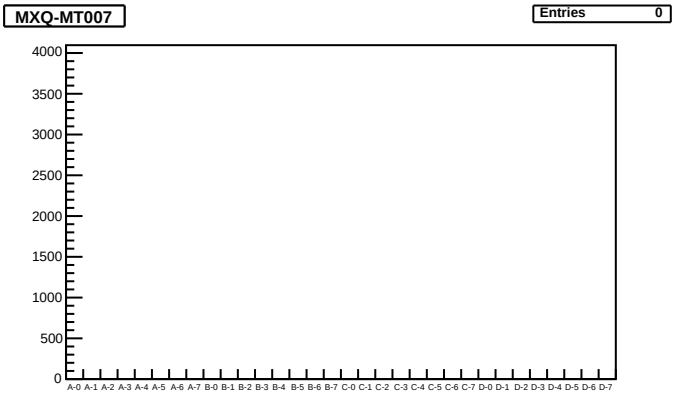

MXQ-MT002
Entries 9.170301e+07

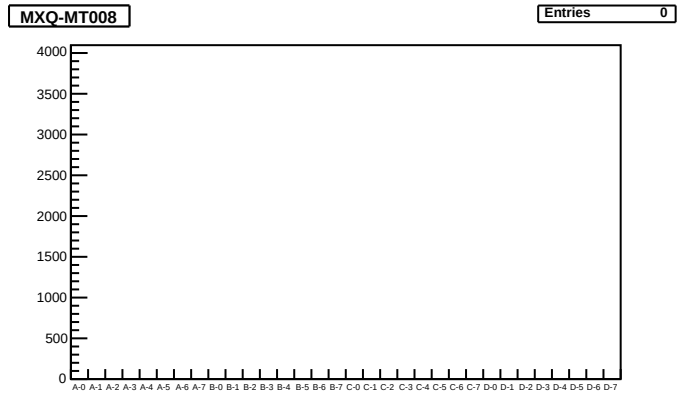

MXQ-MT003
Entries 9.170301e+07

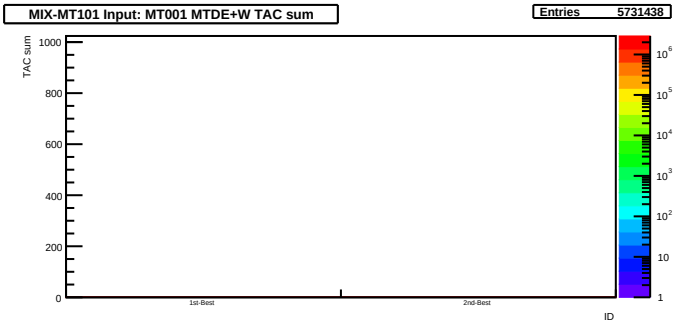

MXQ-MT004
Entries 9.170301e+07

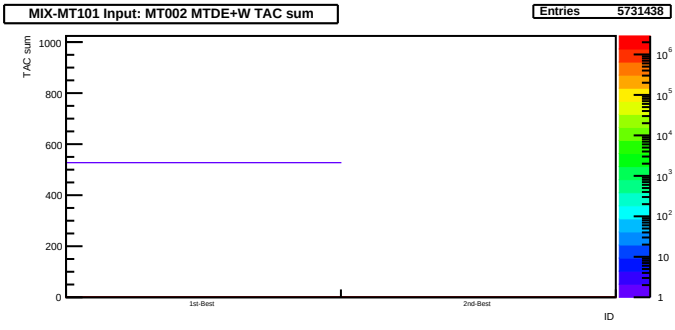

MXQ-MT005
Entries 9.170301e+07

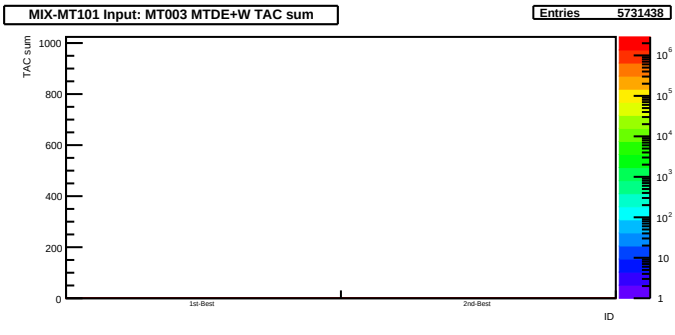

MXQ-MT006
Entries 0

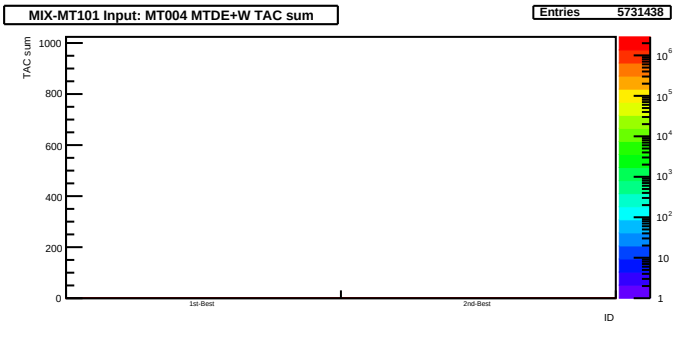

MXQ-MT007
Entries 0

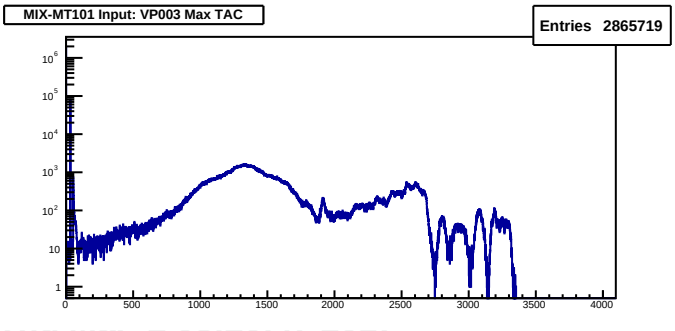

MXQ-MT008
Entries 0

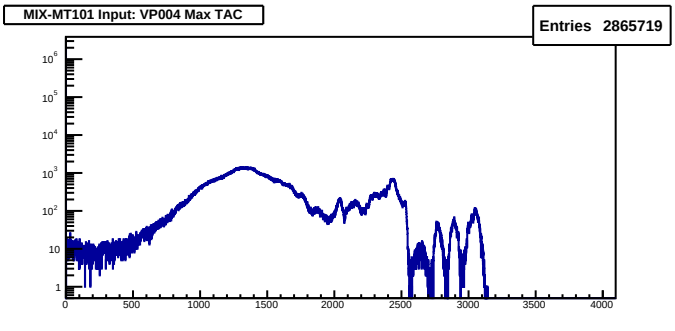

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID

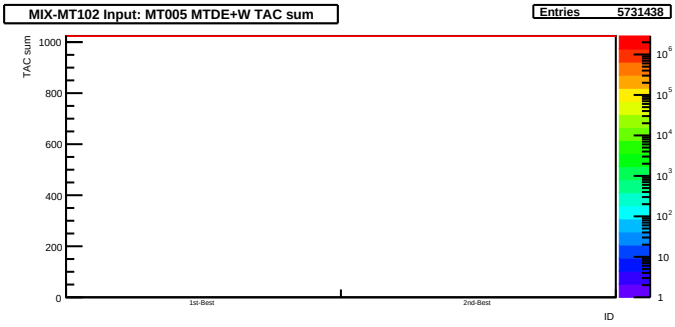

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID

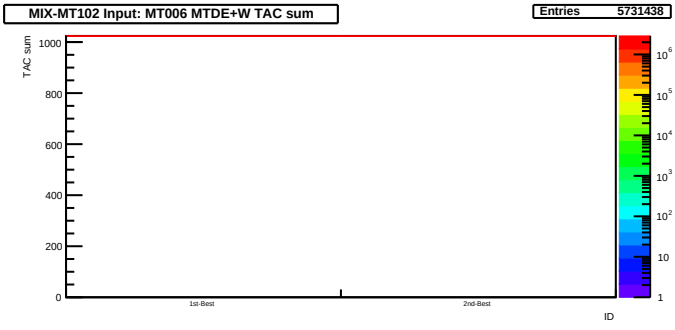

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID

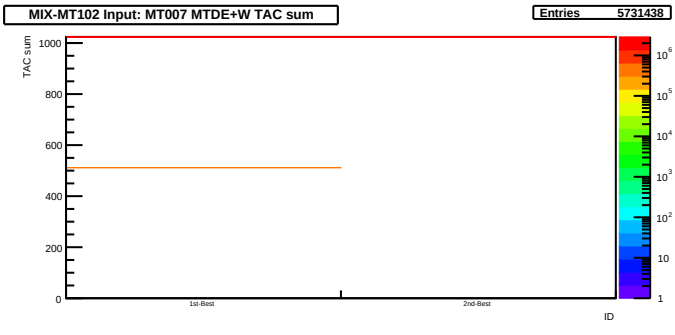

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID

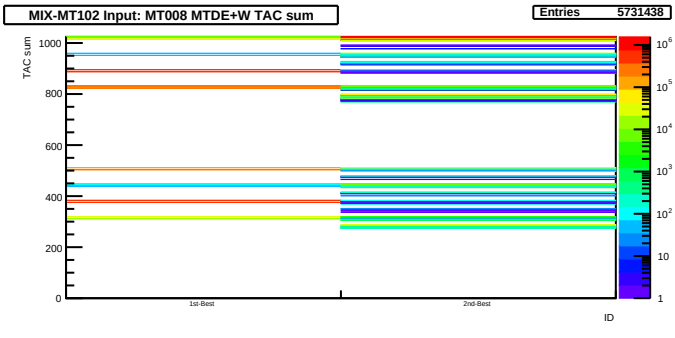

MIX-MT101 Input: VP003 Max TAC
Entries 2865719

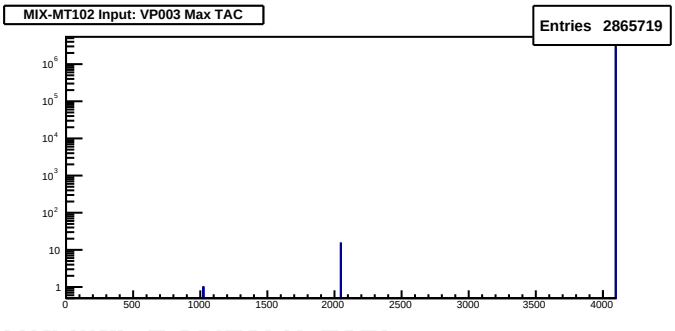

MIX-MT101 Input: VP004 Max TAC
Entries 2865719

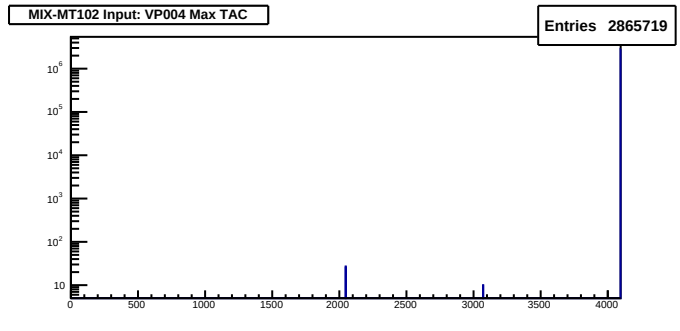

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID

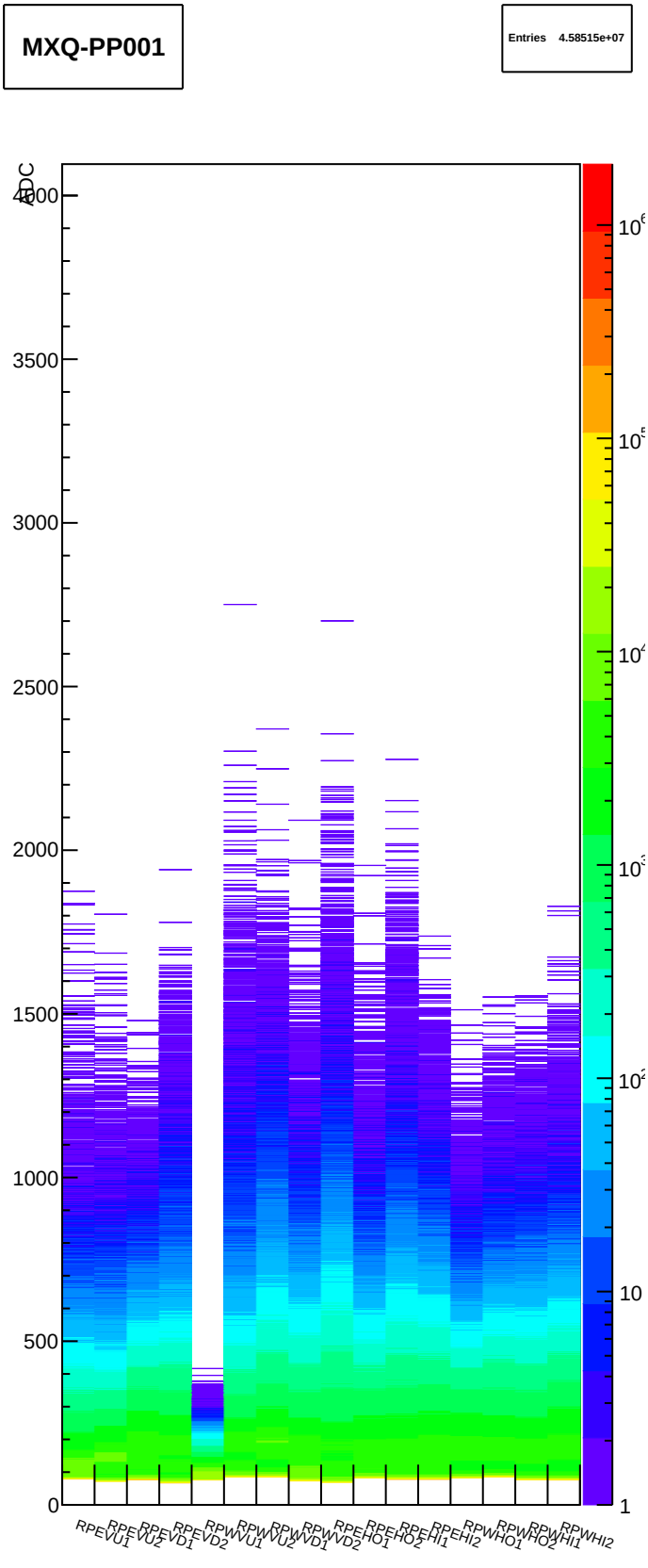

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID

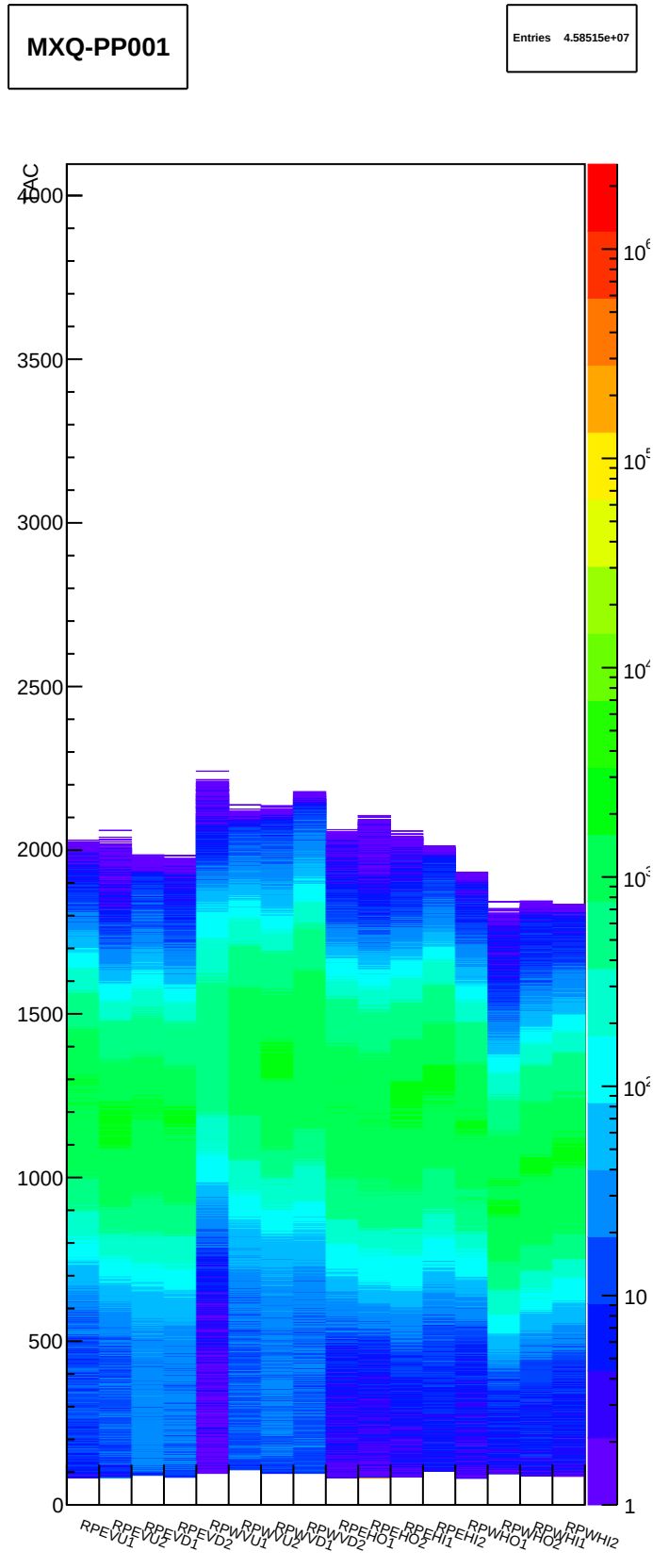

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5731438
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2865719


MIX-MT102 Input: VP004 Max TAC
Entries 2865719


MXQ-PP001
Entries 4.58515e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 4.58515e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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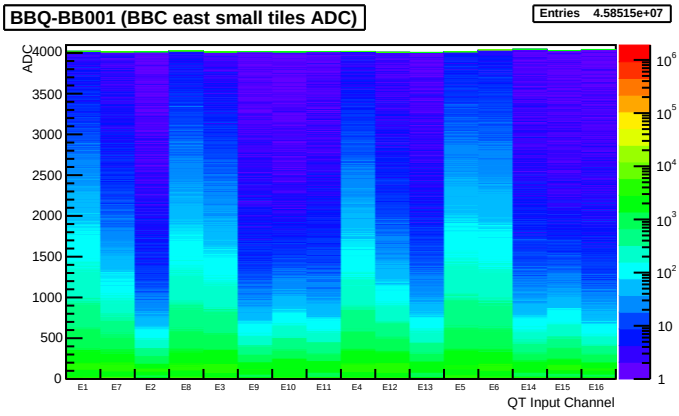
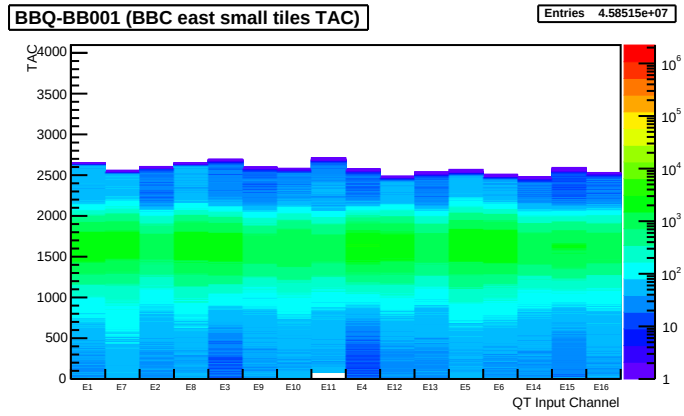
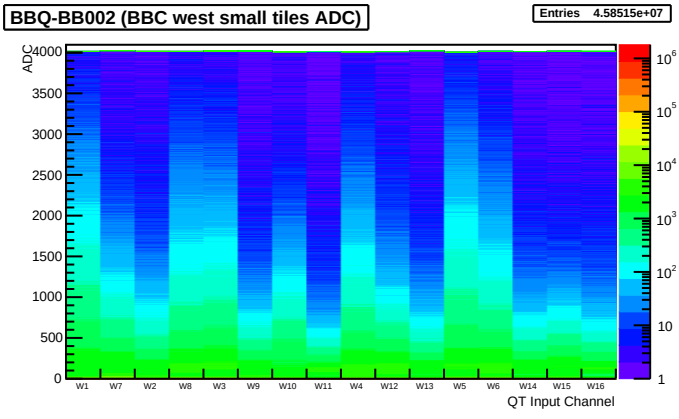
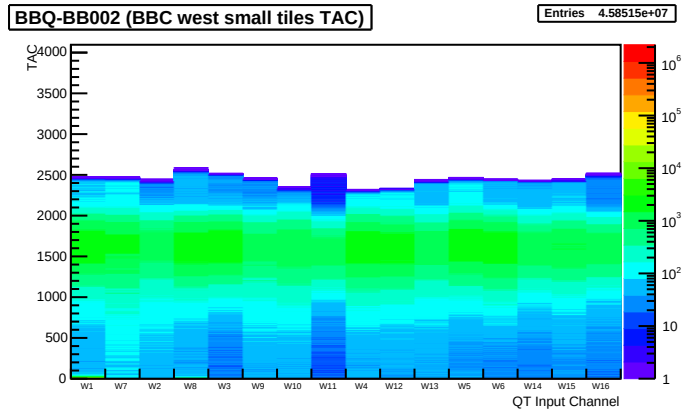
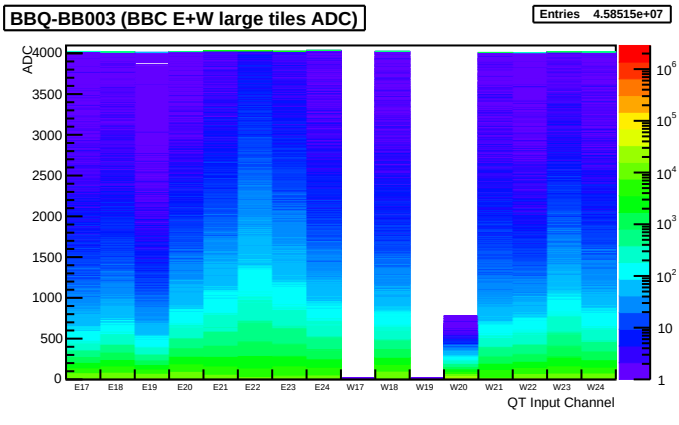
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

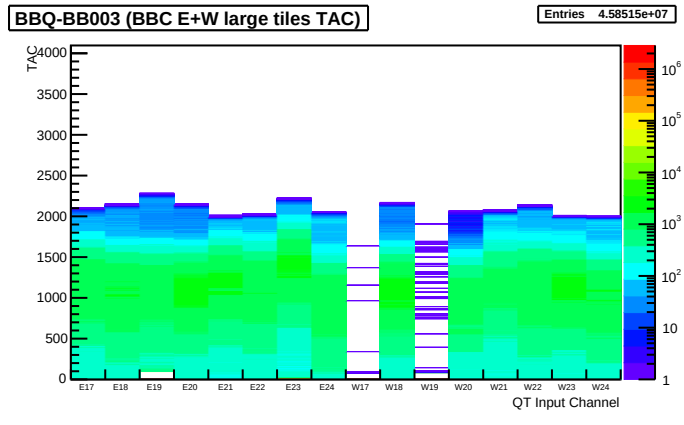

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.58515e+07
ADC
QT Input Channel

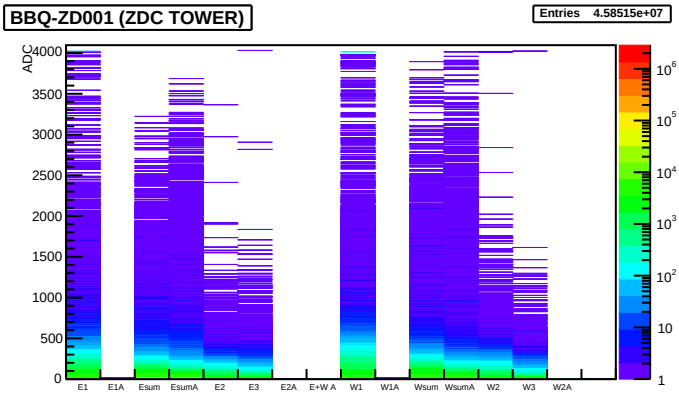

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.58515e+07
TAC
QT Input Channel

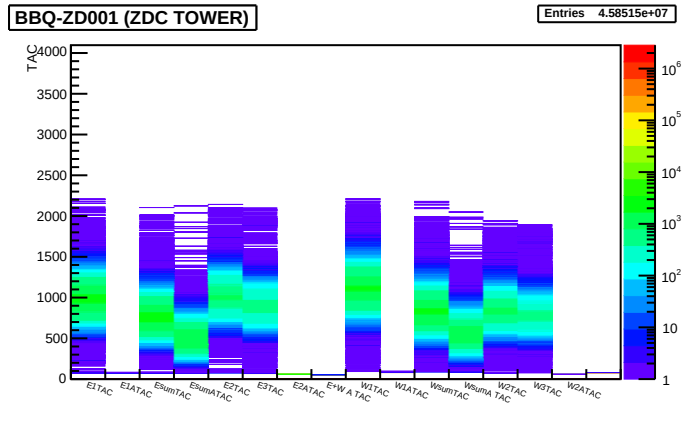

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.58515e+07
ADC
QT Input Channel

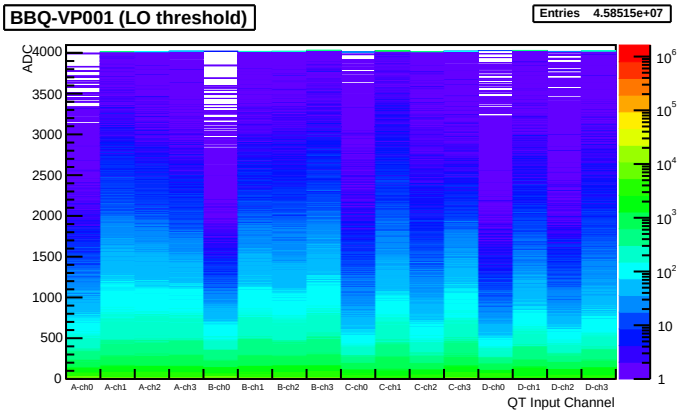

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.58515e+07
TAC
QT Input Channel

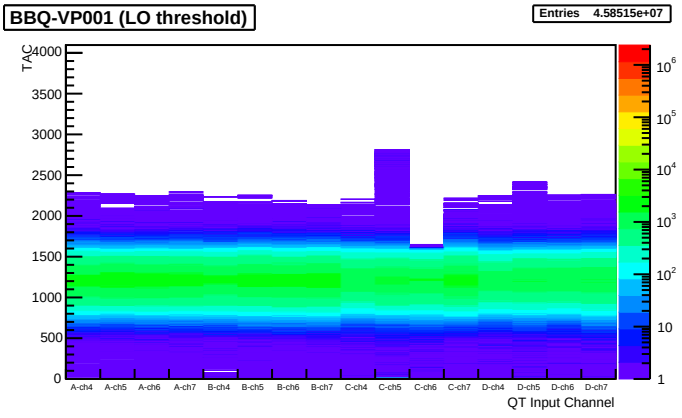

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.58515e+07
ADC
QT Input Channel

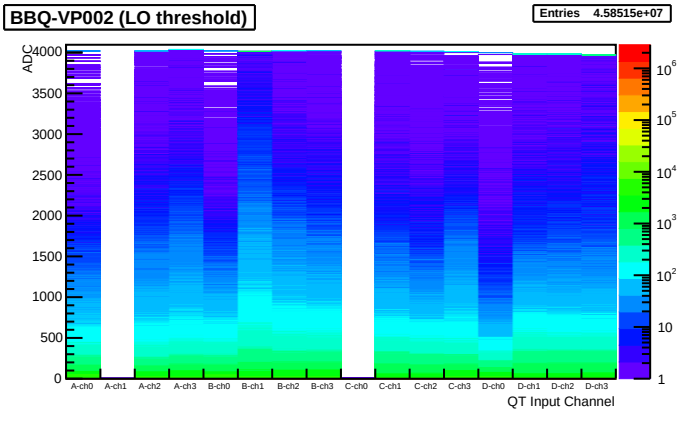

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.58515e+07
TAC
QT Input Channel

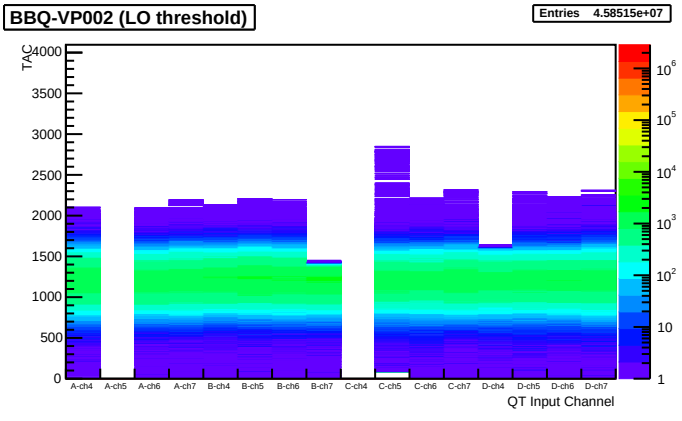

BBQ-ZD001 (ZDC TOWER)
Entries 4.58515e+07
ADC

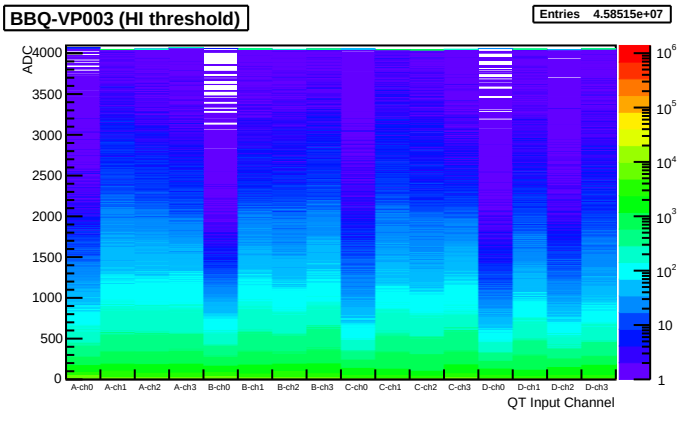

BBQ-ZD001 (ZDC TOWER)
Entries 4.58515e+07
TAC

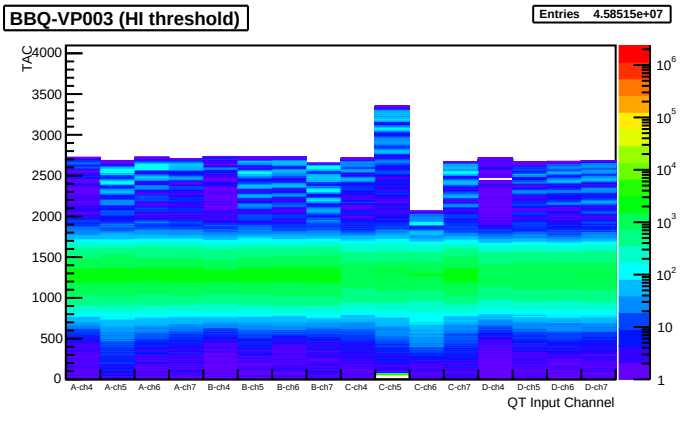

BBQ-VP001 (LO threshold)
Entries 4.58515e+07
ADC
QT Input Channel

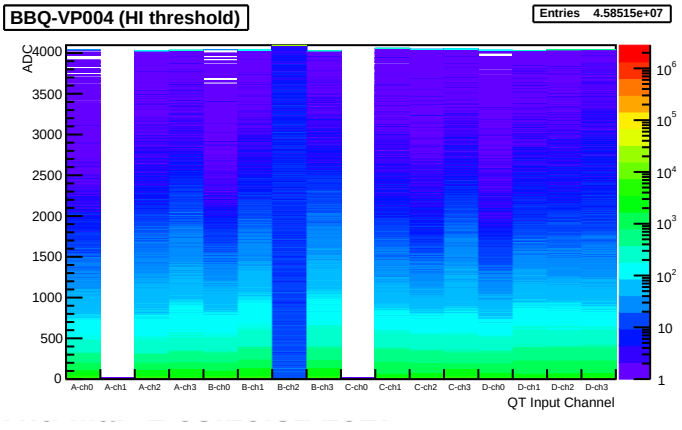

BBQ-VP001 (LO threshold)
Entries 4.58515e+07
TAC
QT Input Channel

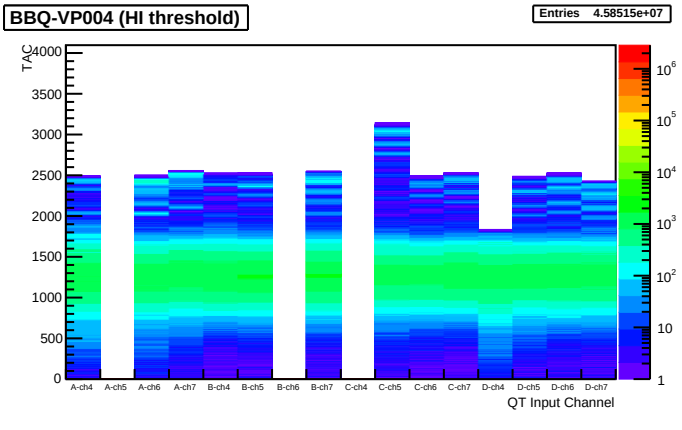

BBQ-VP002 (LO threshold)
Entries 4.58515e+07
ADC
QT Input Channel

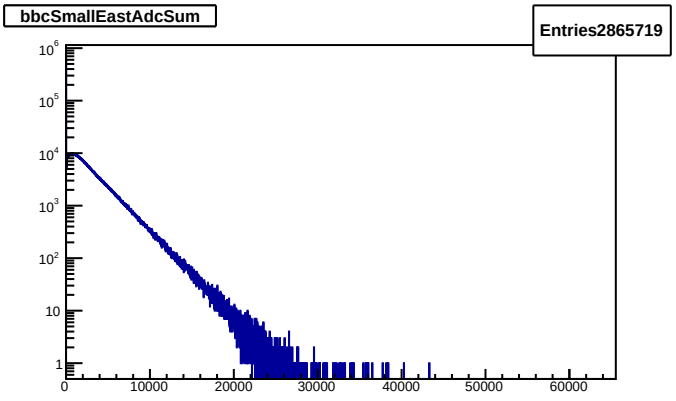

BBQ-VP002 (LO threshold)
Entries 4.58515e+07
TAC
QT Input Channel

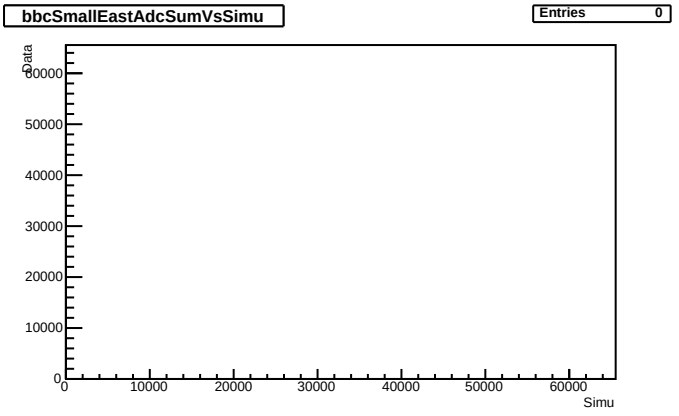

BBQ-VP003 (HI threshold)
Entries 4.58515e+07
ADC
QT Input Channel

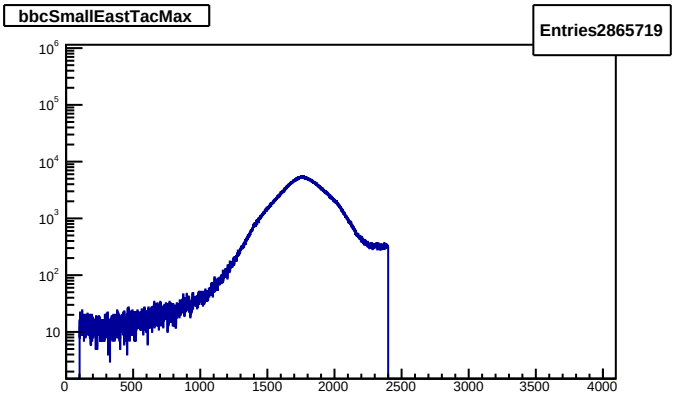

BBQ-VP003 (HI threshold)
Entries 4.58515e+07
TAC
QT Input Channel

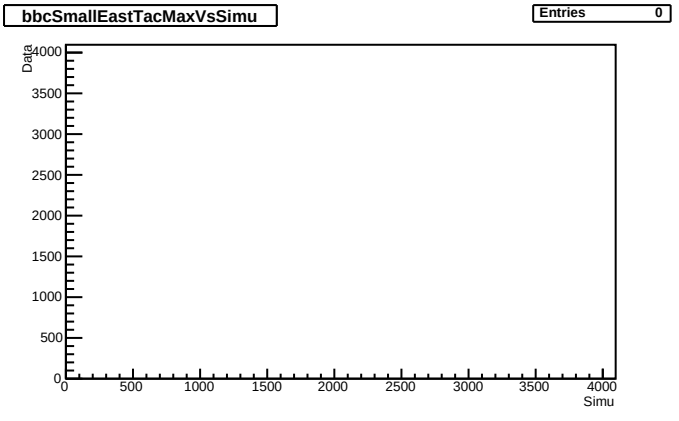

BBQ-VP004 (HI threshold)
Entries 4.58515e+07
ADC
QT Input Channel

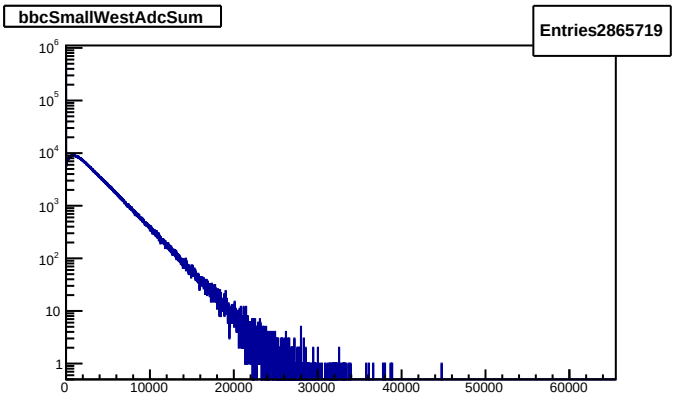

BBQ-VP004 (HI threshold)
Entries 4.58515e+07
TAC
QT Input Channel

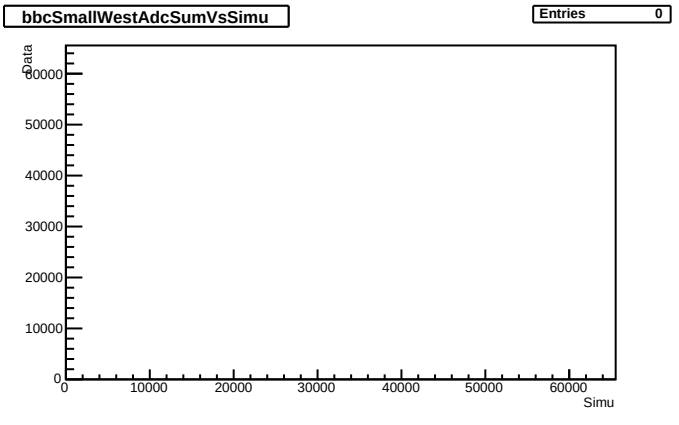

bbcSmallEastAdcSum
Entries2865719

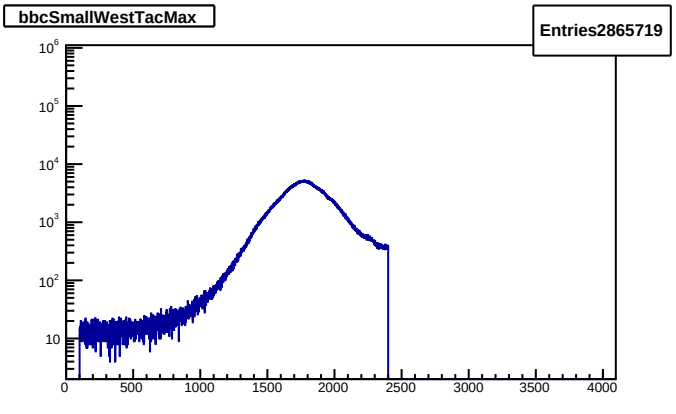

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

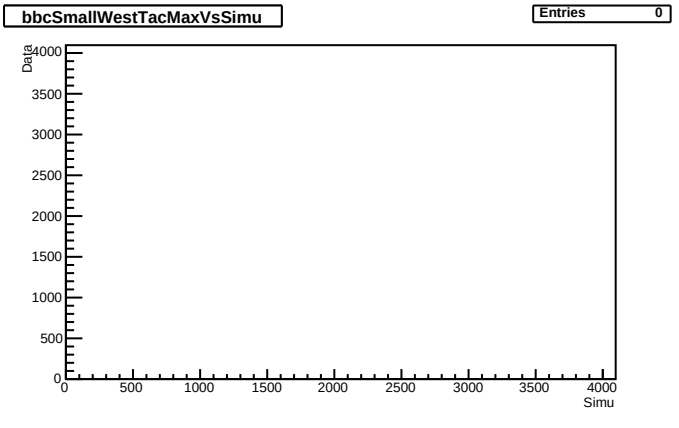

bbcSmallEastTacMax
Entries2865719

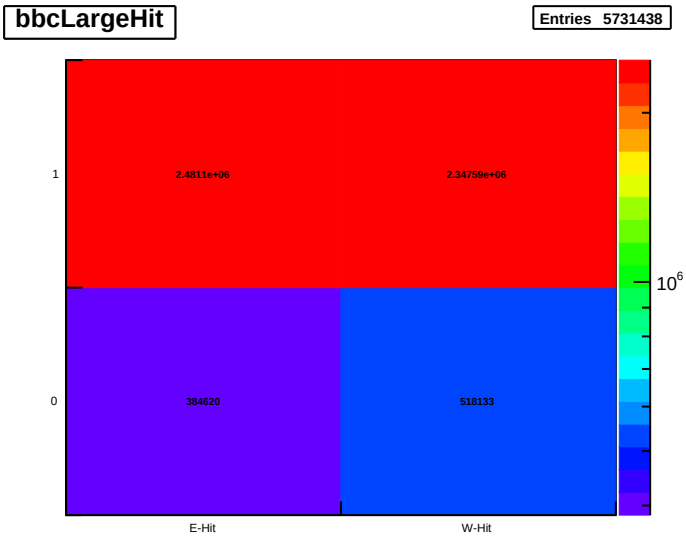

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

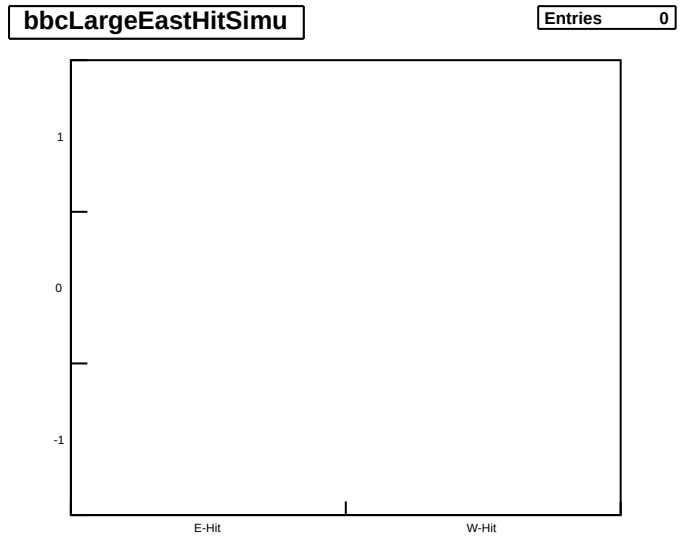

bbcSmallWestAdcSum
Entries2865719

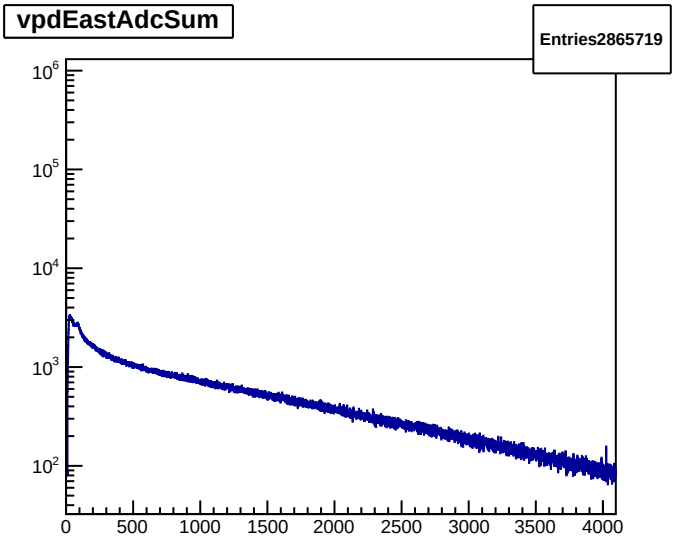

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

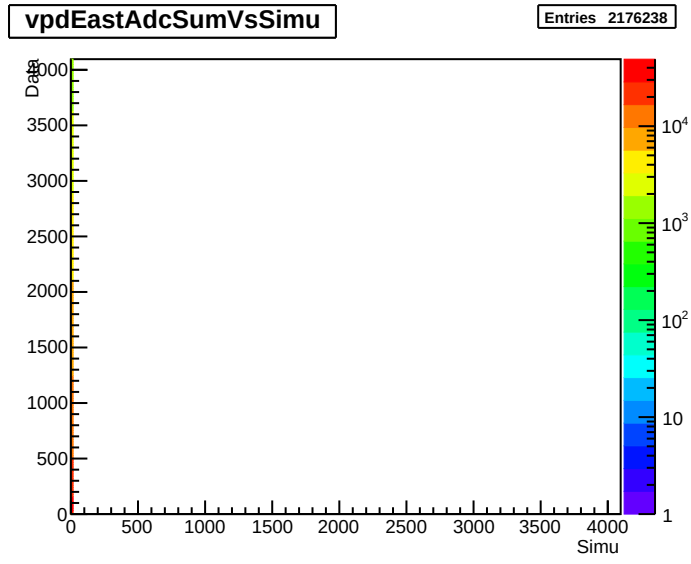

bbcSmallWestTacMax
Entries2865719

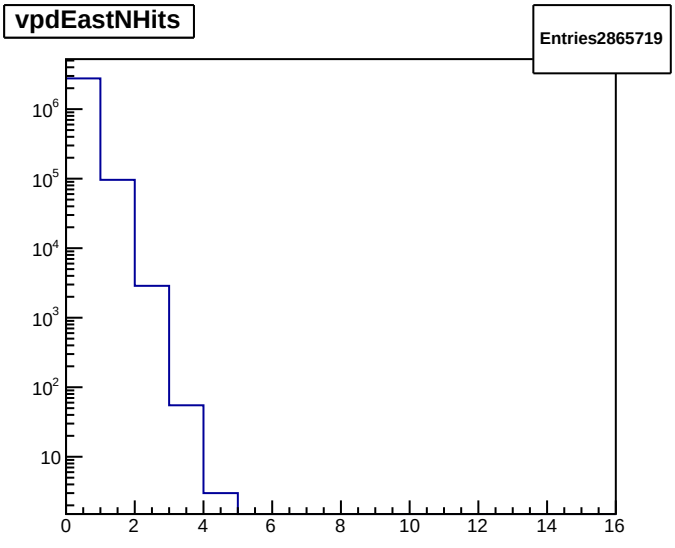

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

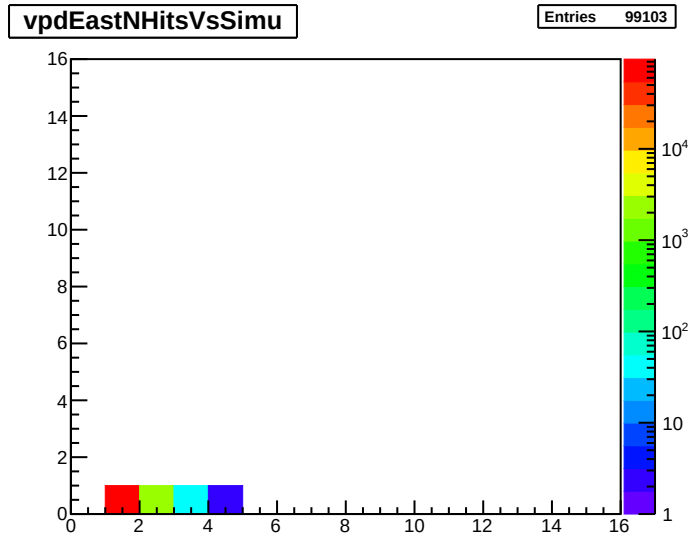

bbcLargeHit
Entries 5731438
1
0
2.4811e+06
2.34759e+06
384620
518133
E-Hit
W-Hit
10^6

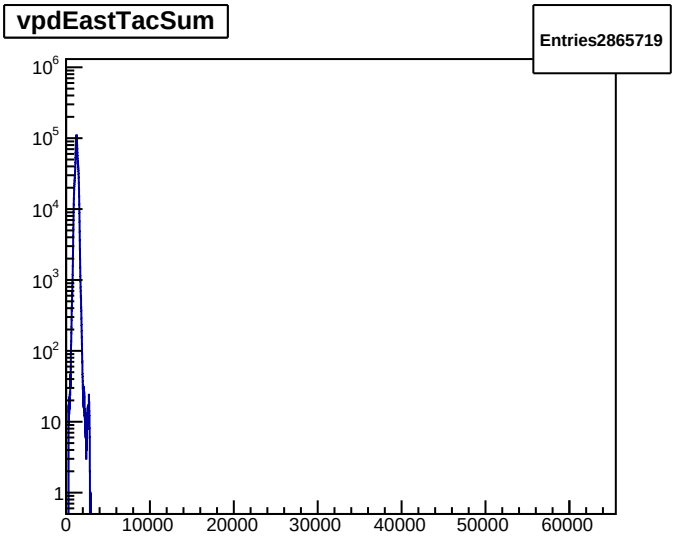

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

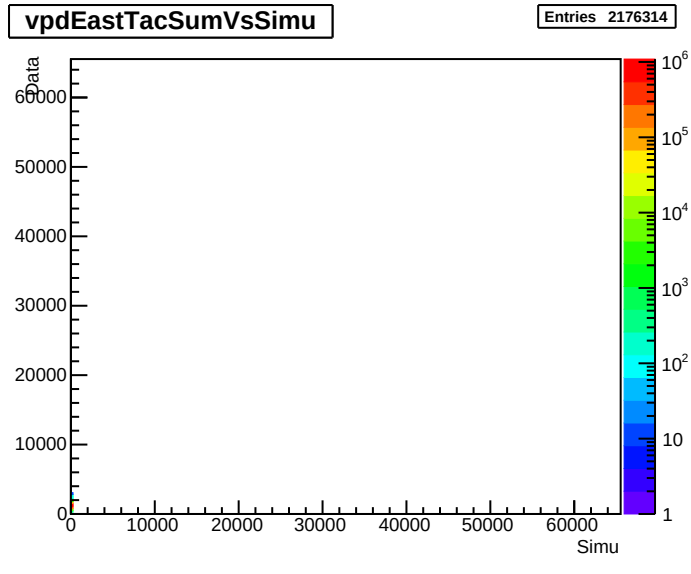

vpdEastAdcSum
Entries2865719

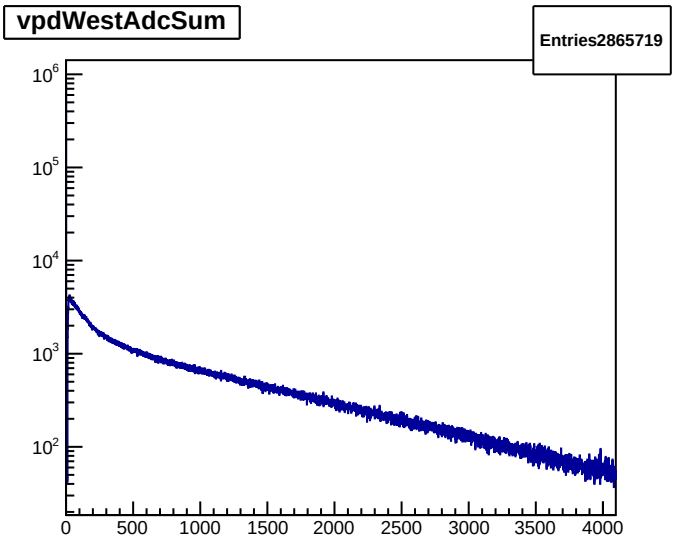

vpdEastAdcSumVsSimu
Entries 2176238
Data
Simu

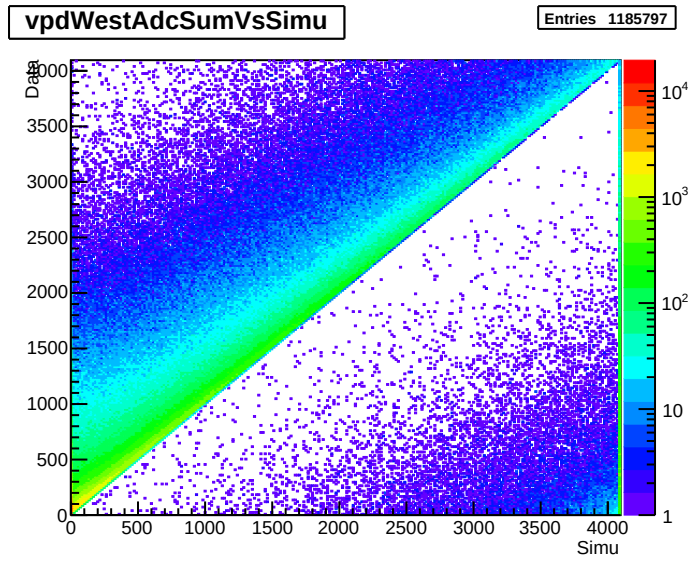

vpdEastNHits
Entries2865719

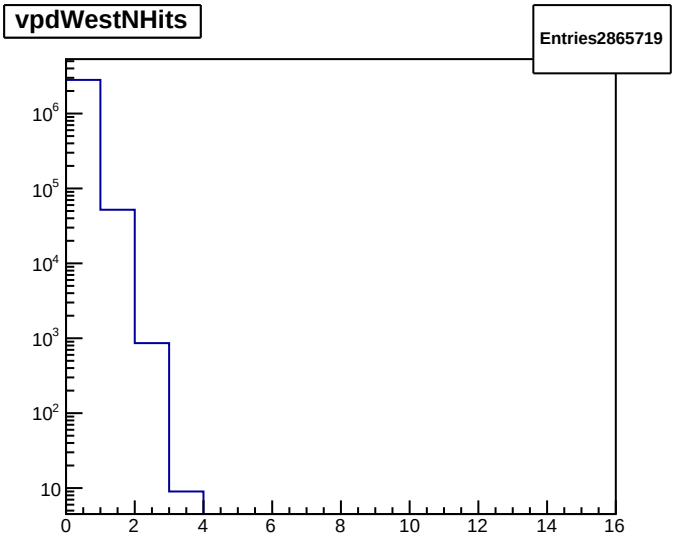

vpdEastNHitsVsSimu
Entries 99103

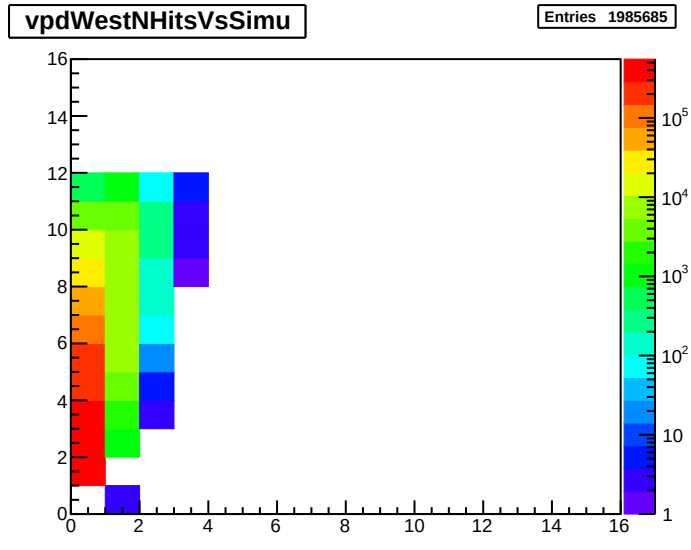

vpdEastTacSum
Entries2865719

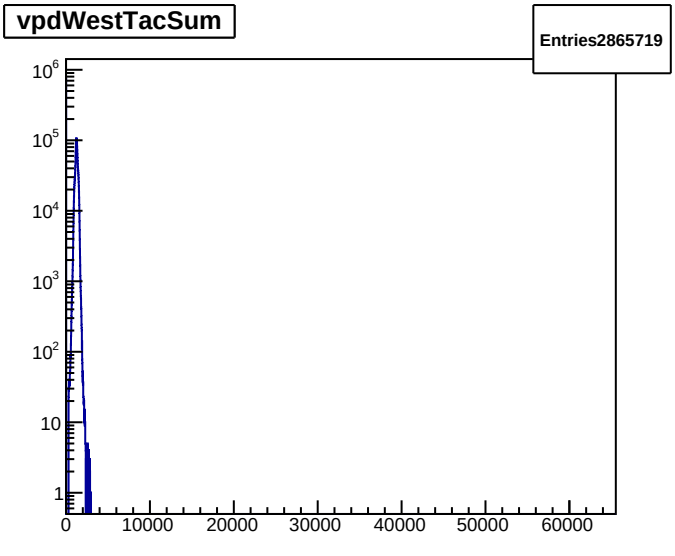

vpdEastTacSumVsSimu
Entries 2176314
Data
Simu

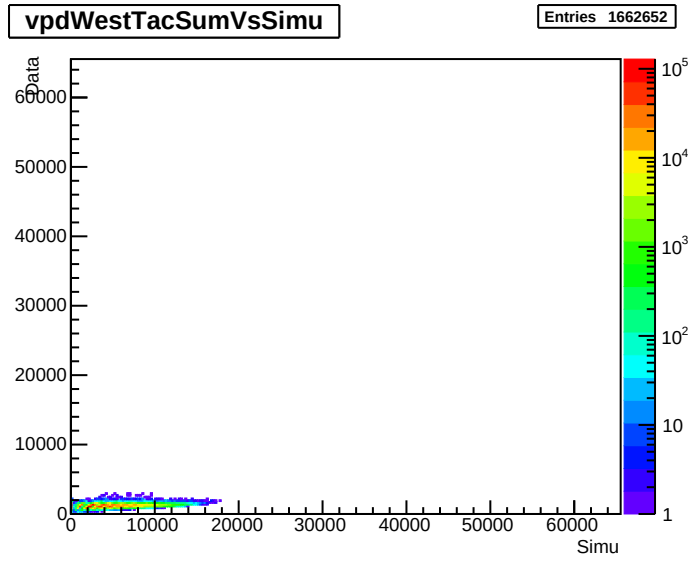

vpdWestAdcSum
Entries2865719

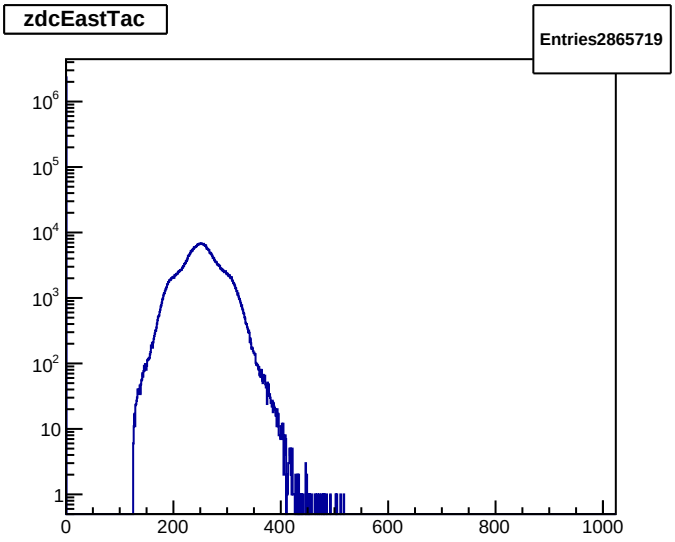

vpdWestAdcSumVsSimu
Entries 1185797
Data
Simu

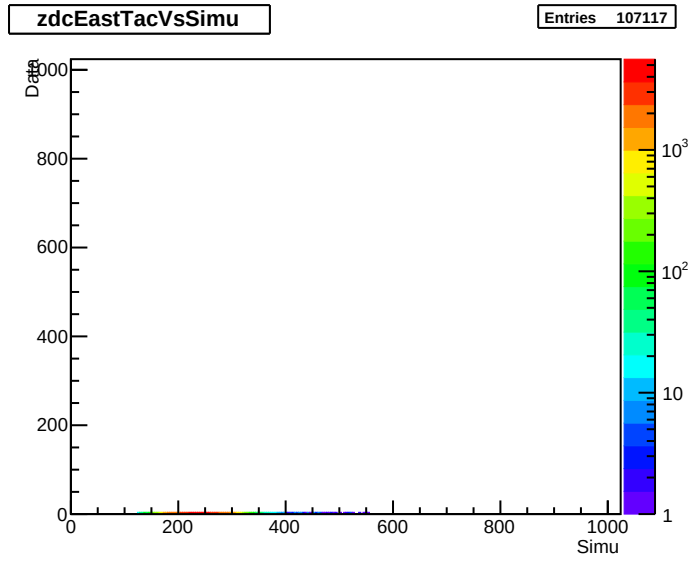

vpdWestNHits
Entries2865719

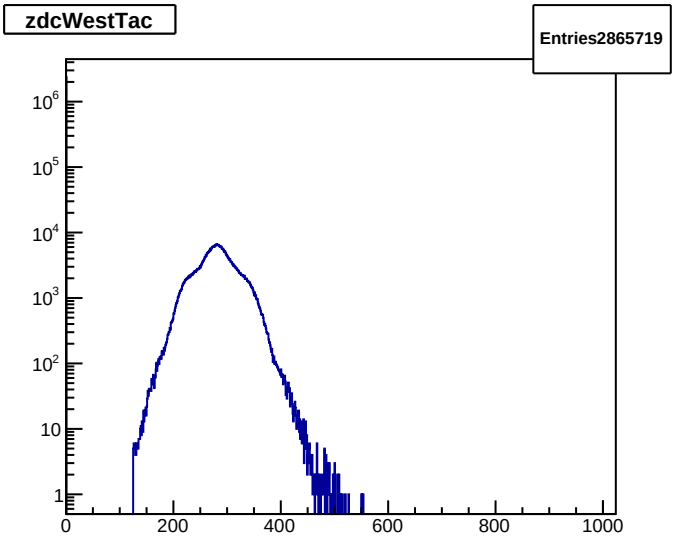

vpdWestNHitsVsSimu
Entries 1985685

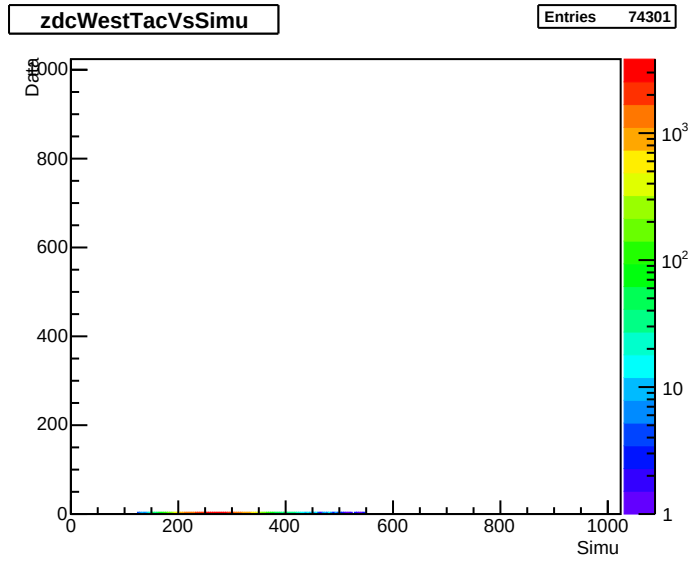

vpdWestTacSum
Entries2865719

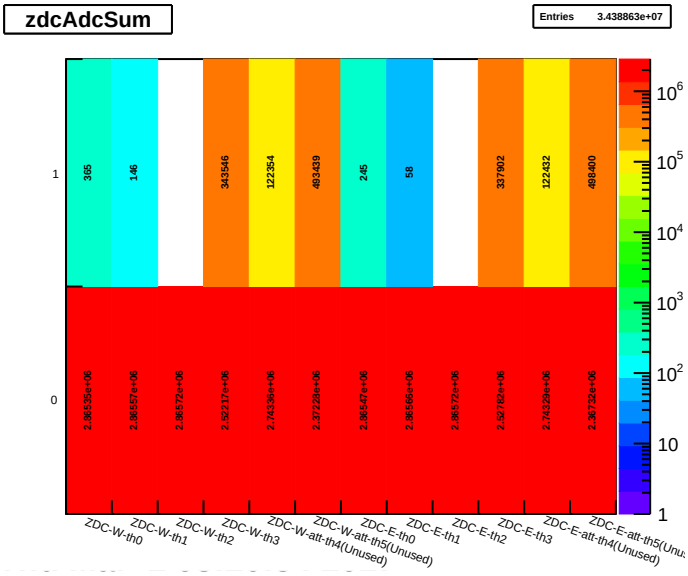

vpdWestTacSumVsSimu
Entries 1662652
Data
Simu

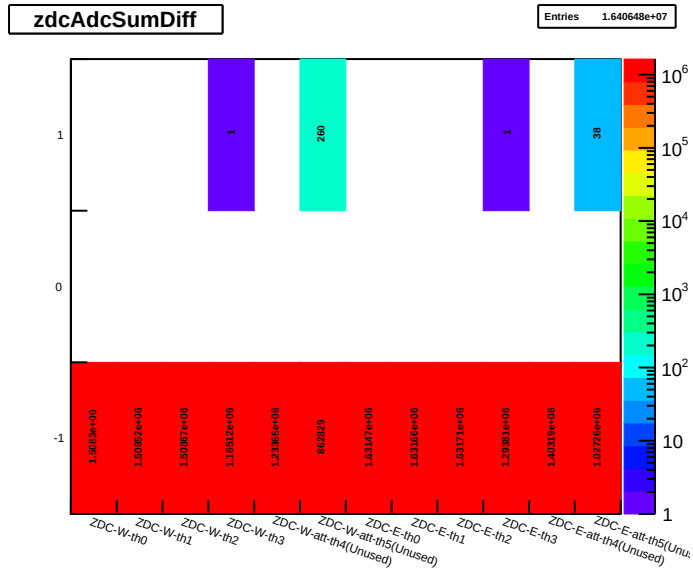

zdcEastTac
Entries2865719

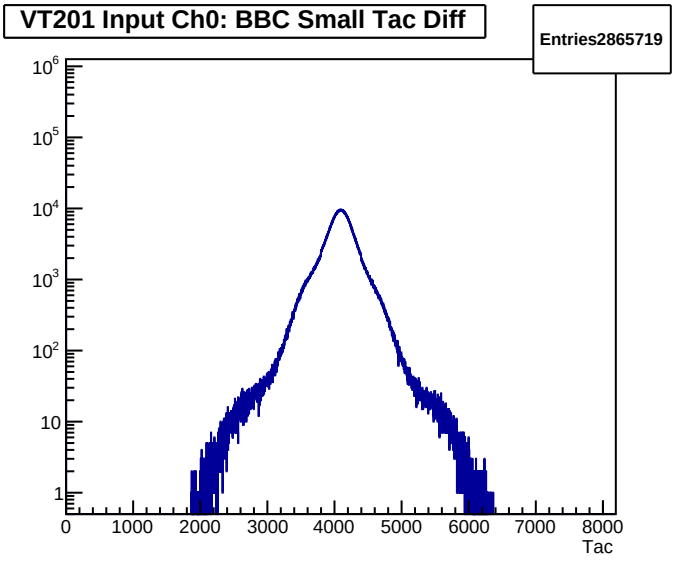

zdcEastTacVsSimu
Entries 107117
Data
Simu

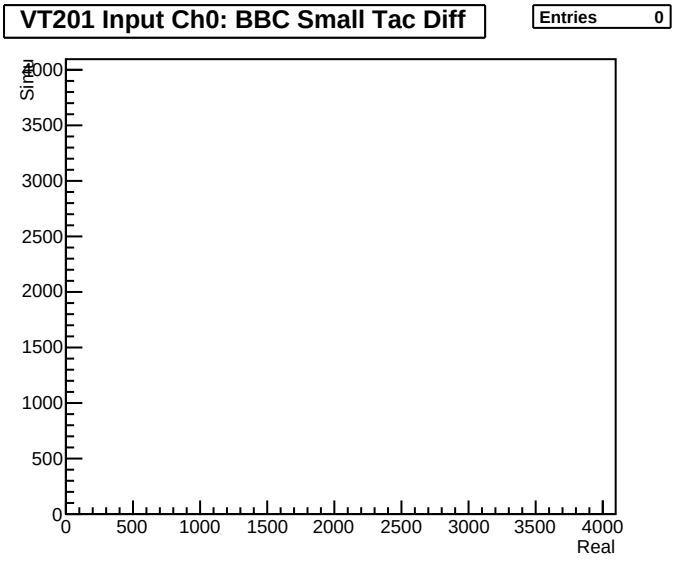

zdcWestTac
Entries2865719

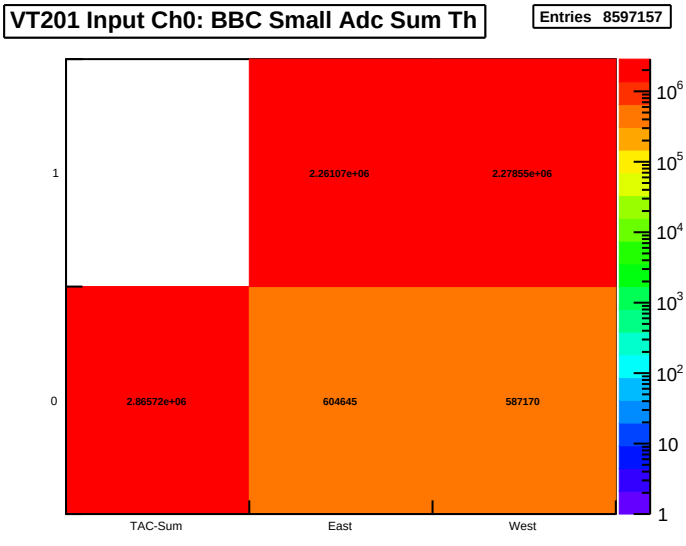

zdcWestTacVsSimu
Entries 74301
Data
Simu

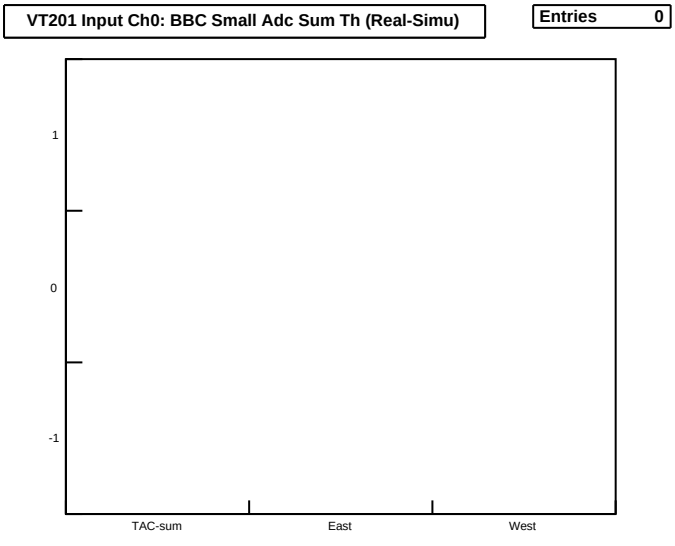

zdcAdcSum
Entries 3.438863e+07
365
146
343546
122354
493439
245
58
337902
122432
498400
2.86535e+06
2.85557e+06
2.86572e+06
2.52217e+06
2.74336e+06
2.37228e+06
2.86547e+06
2.86566e+06
2.85572e+06
2.52782e+06
2.74329e+06
2.36732e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

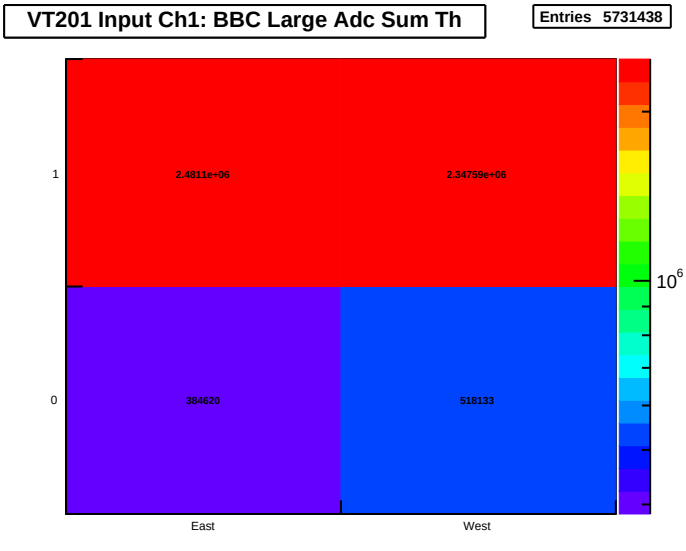

zdcAdcSumDiff
Entries 1.640648e+07
1
260
1
38
1.5053e+06
1.50852e+06
1.50867e+06
1.16512e+06
1.23395e+06
862329
1.63147e+06
1.63156e+06
1.63171e+06
1.29381e+06
1.40319e+06
1.02726e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

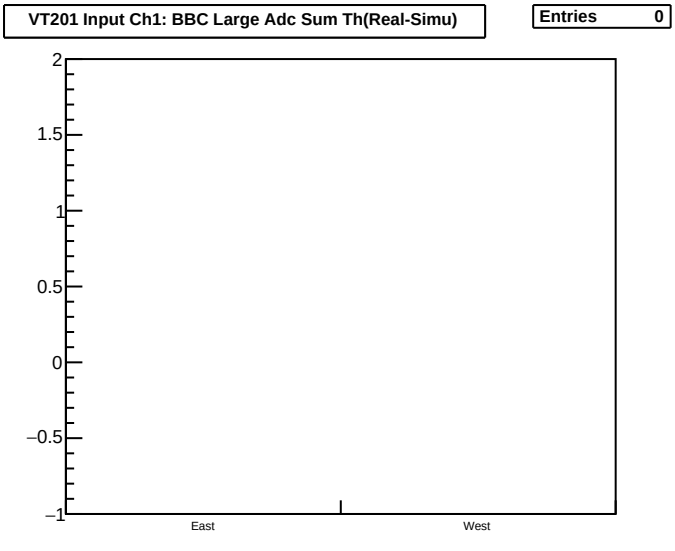

VT201 Input Ch0: BBC Small Tac Diff
Entries2865719
Tac


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

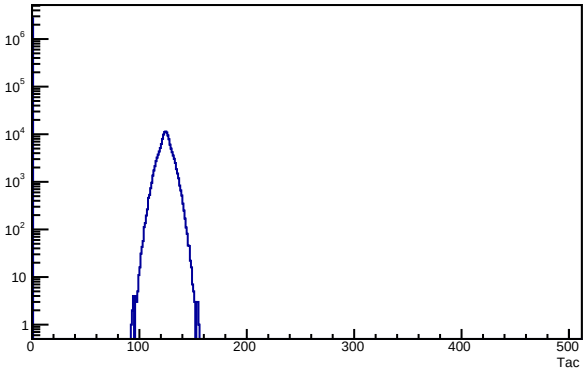

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8597157
2.26107e+06
2.27855e+06
2.86572e+06
604645
587170
TAC-Sum
East
West


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

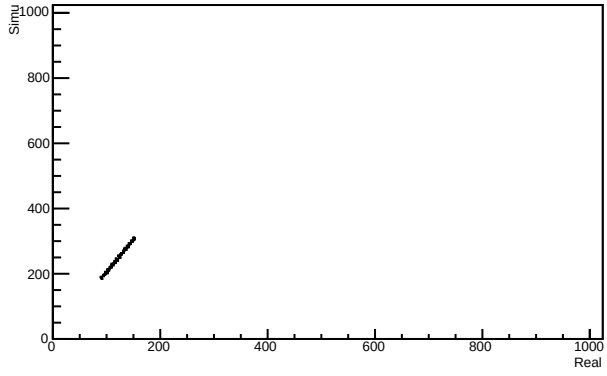

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5731438
2.4811e+06
2.34759e+06
384620
518133
East
West


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

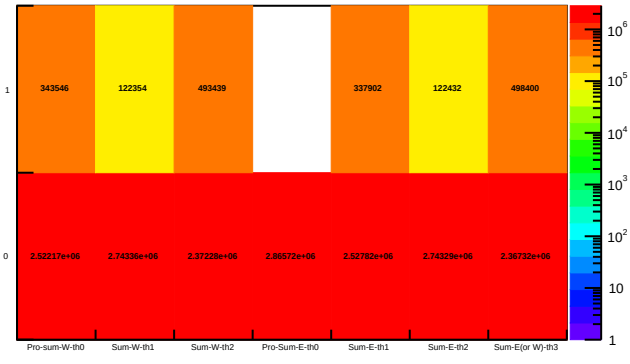
VT201 Input Ch2: ZDC Tac Diff



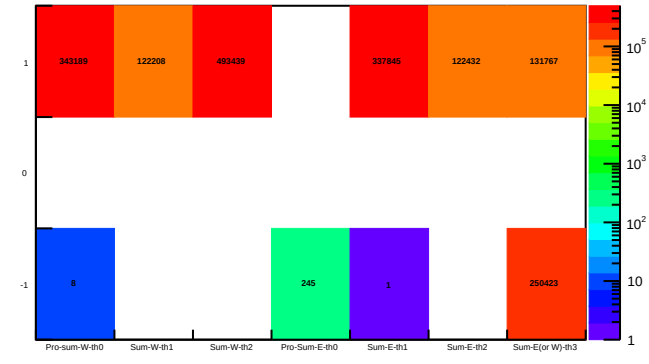
VT201 Input Ch2: ZDC Tac Diff



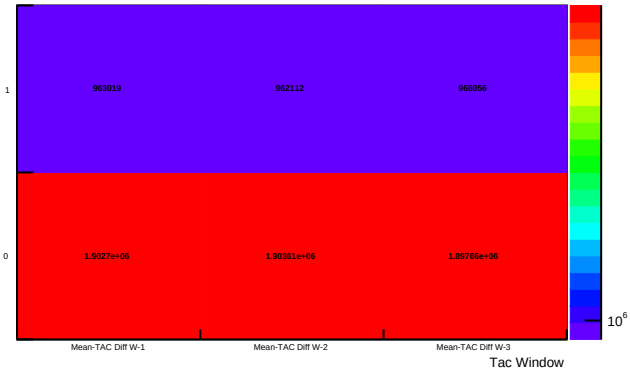
VT201 Input Ch2: ZDC Adc Sum Th



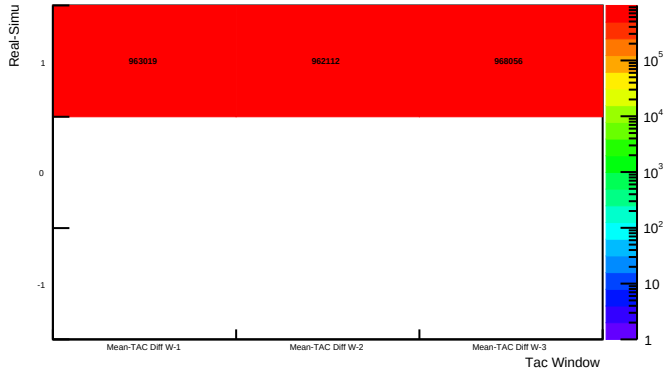
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



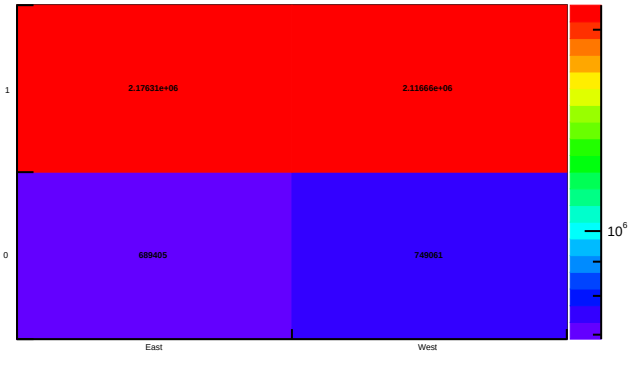
VT201 Input Ch4: VPD Tac Diff



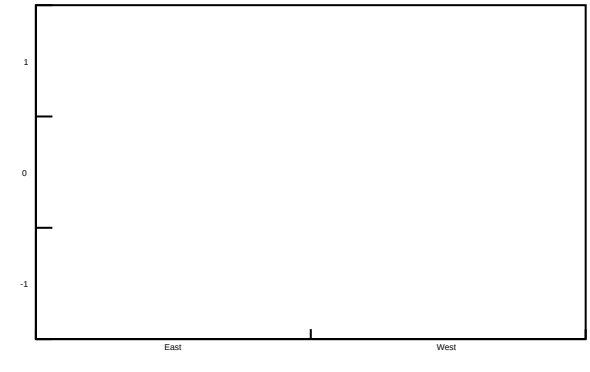
VT201 Input Ch4: VPD Tac Diff

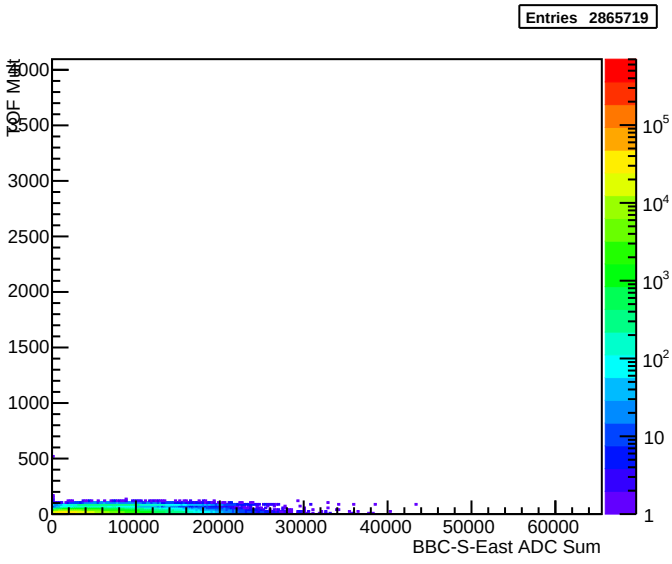


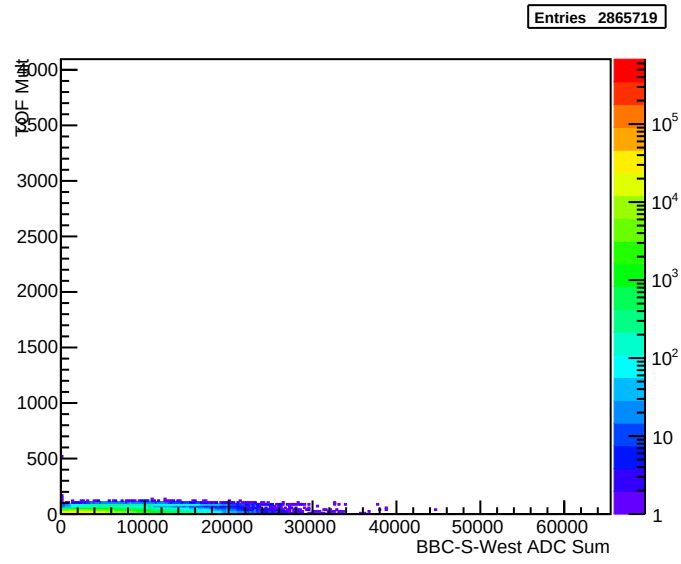
VT201 Input Ch4: VPD Adc Sum Th

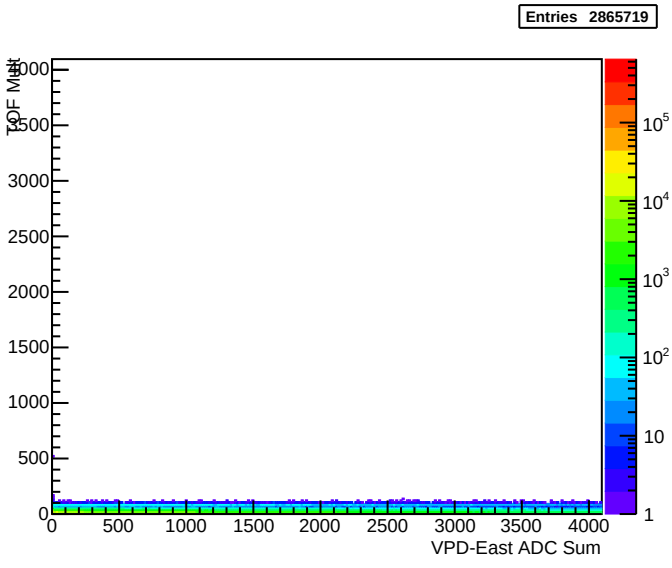


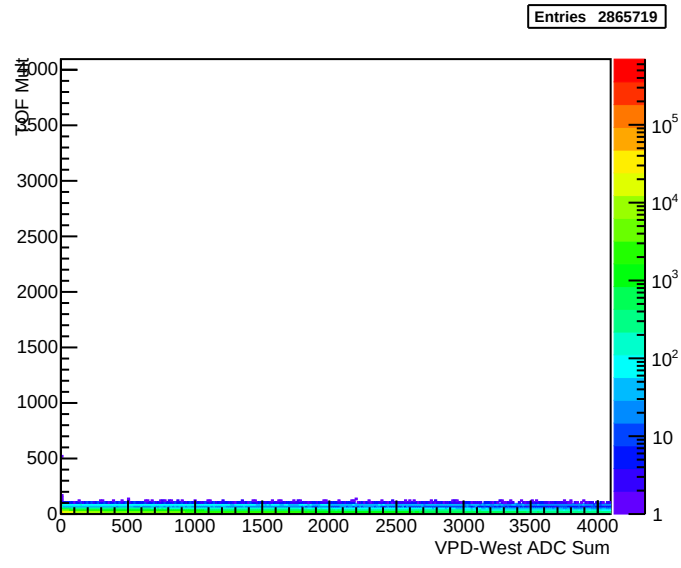
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

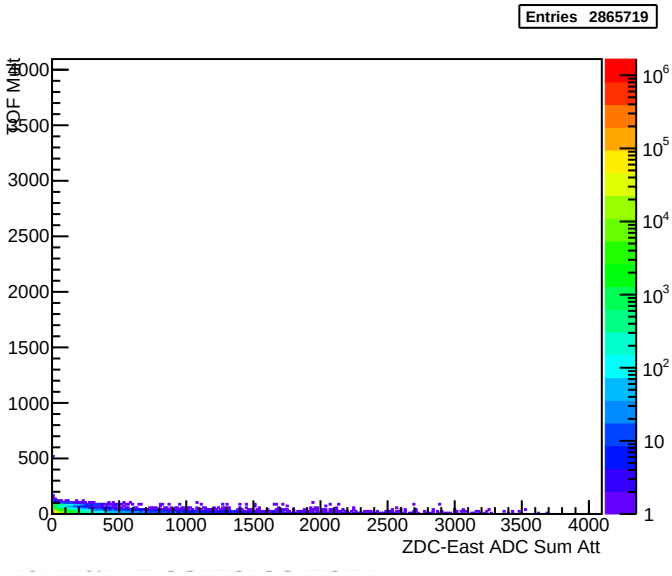


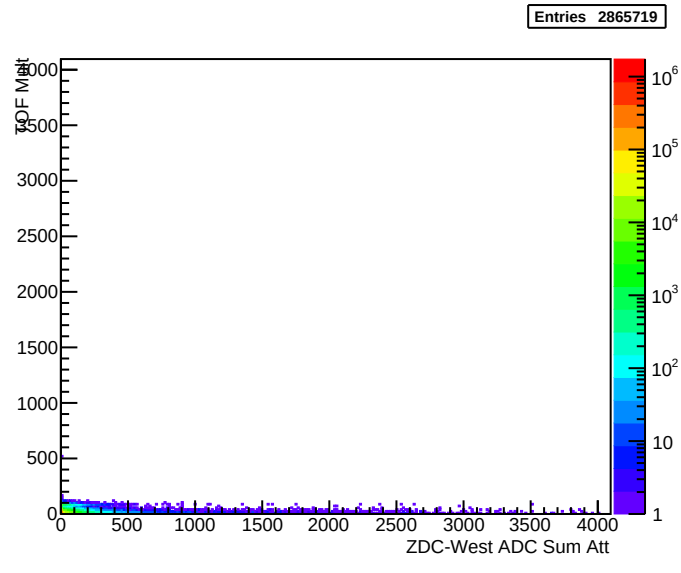

Entries 2865719
TOF Mult
BBC-S-East ADC Sum

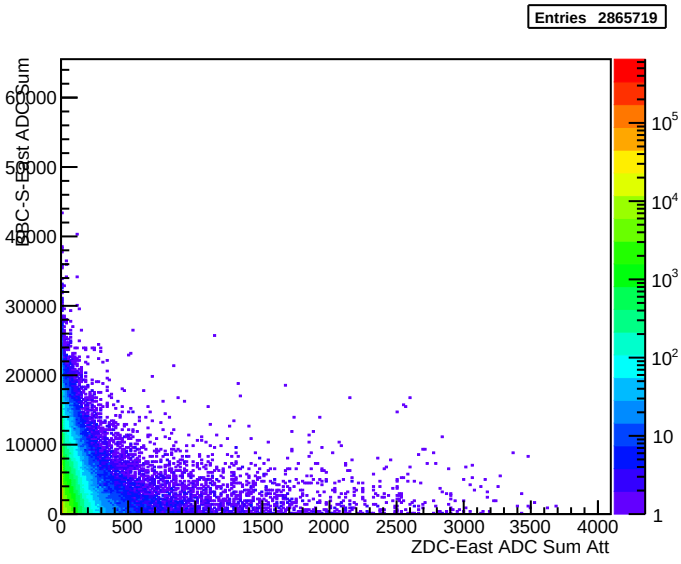

Entries 2865719
TOF Mult
BBC-S-West ADC Sum

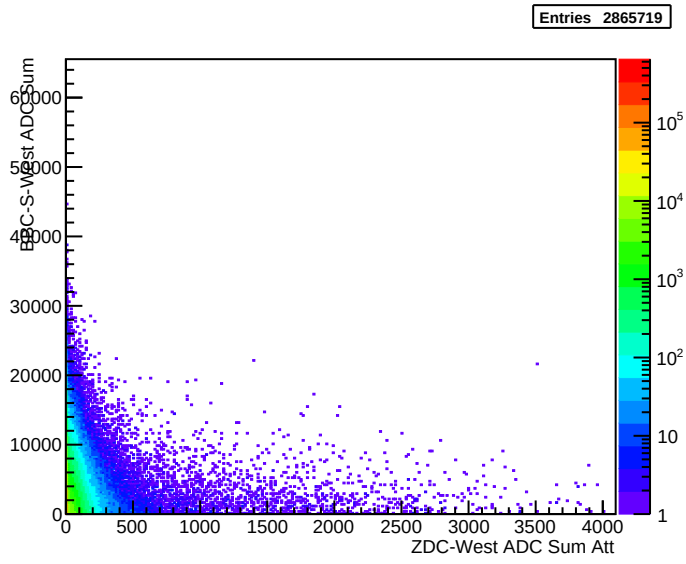

Entries 2865719
TOF Mult
VPD-East ADC Sum

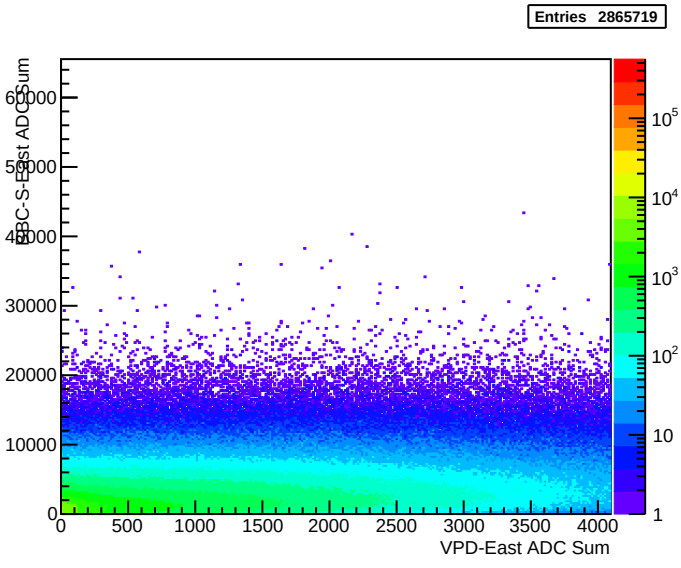

Entries 2865719
TOF Mult
VPD-West ADC Sum

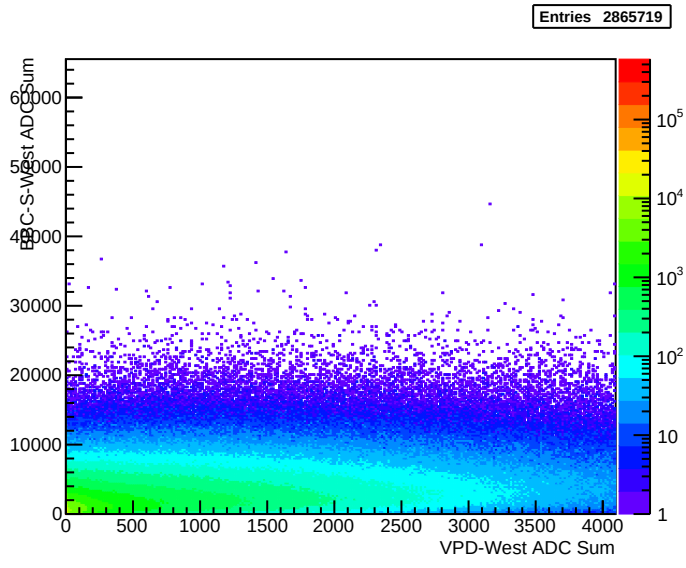

Entries 2865719
TOF Mult
ZDC-East ADC Sum Att

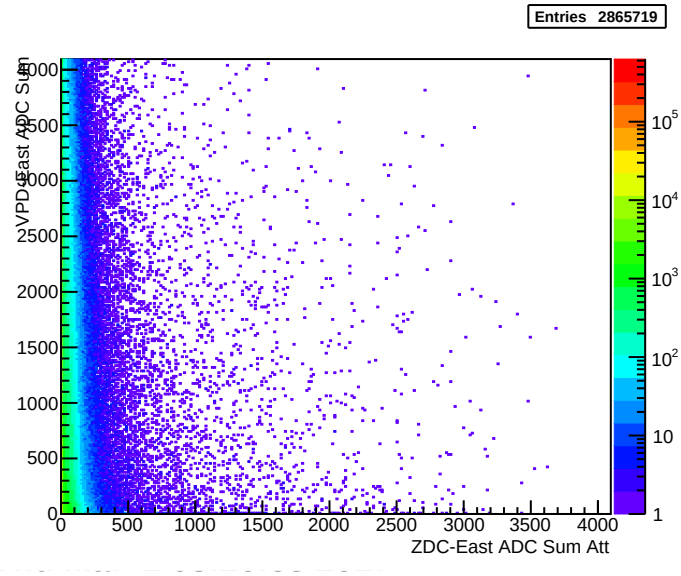

Entries 2865719
TOF Mult
ZDC-West ADC Sum Att

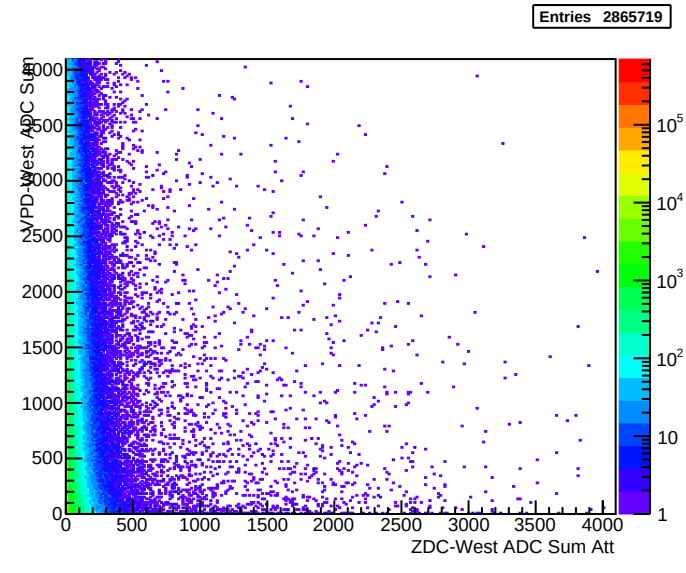

Entries 2865719
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

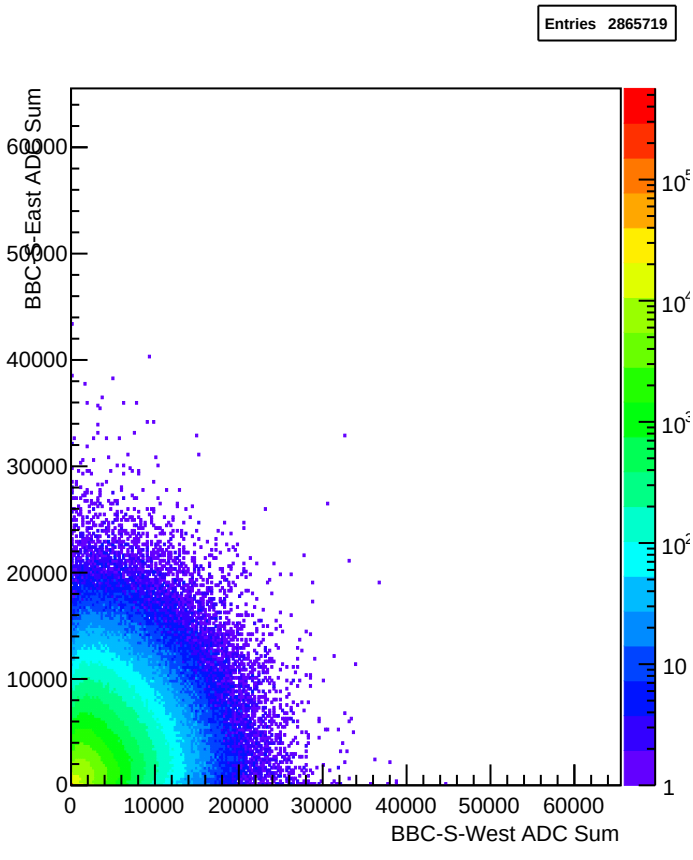

Entries 2865719
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

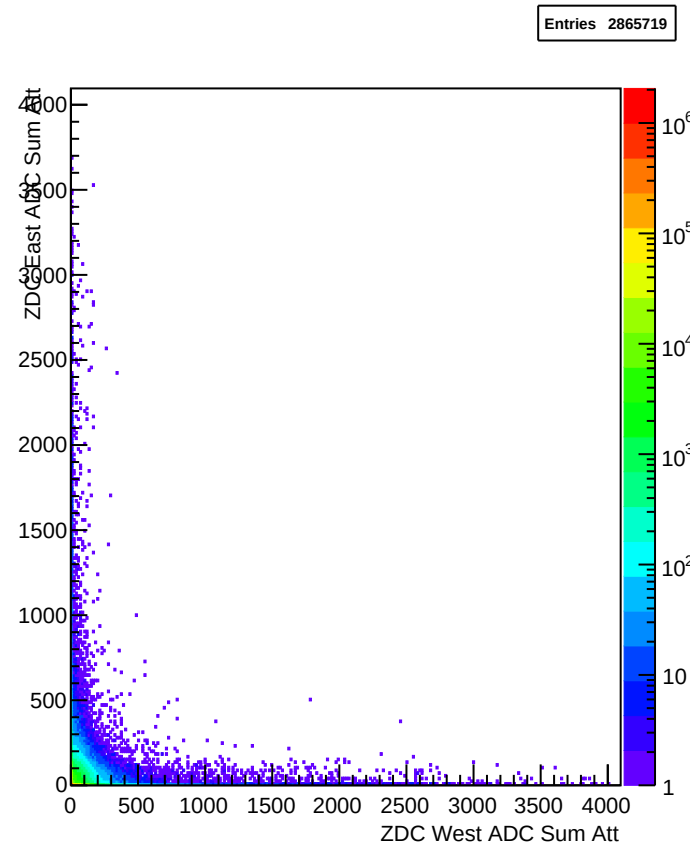

Entries 2865719
BBC-S-East ADC Sum
VPD-East ADC Sum

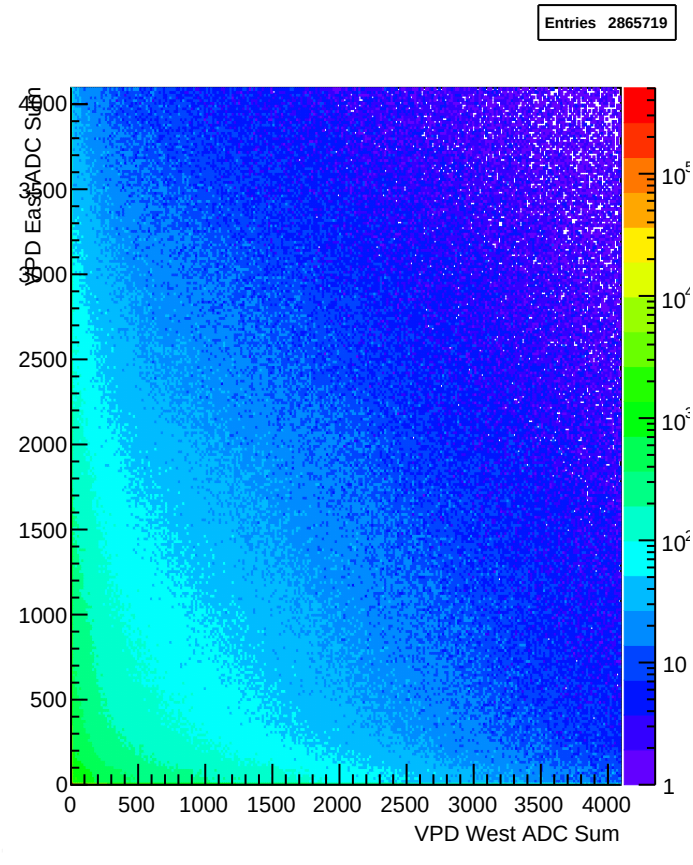

Entries 2865719
BBC-S-West ADC Sum
VPD-West ADC Sum

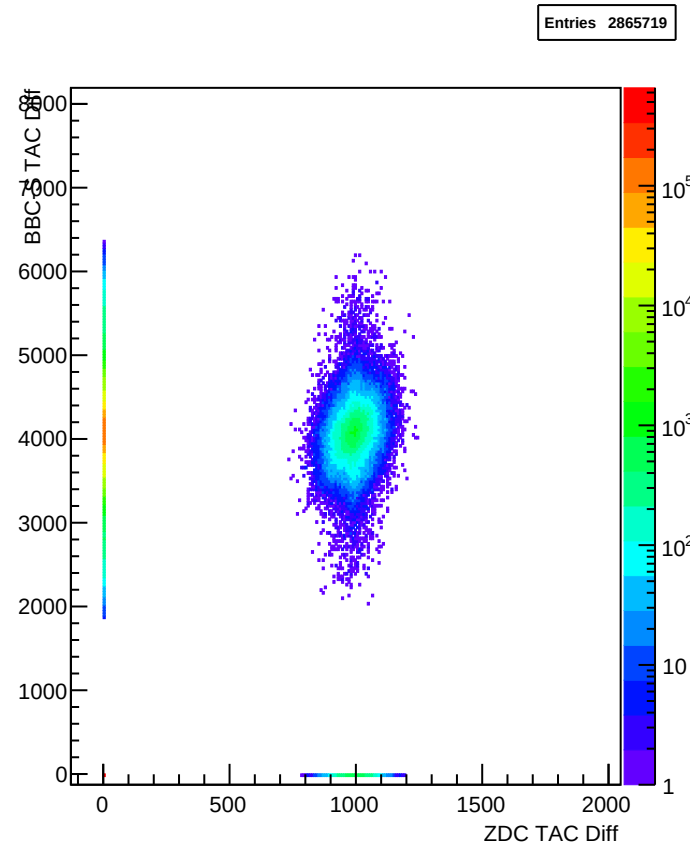

Entries 2865719
VPD-East ADC Sum
ZDC-East ADC Sum Att

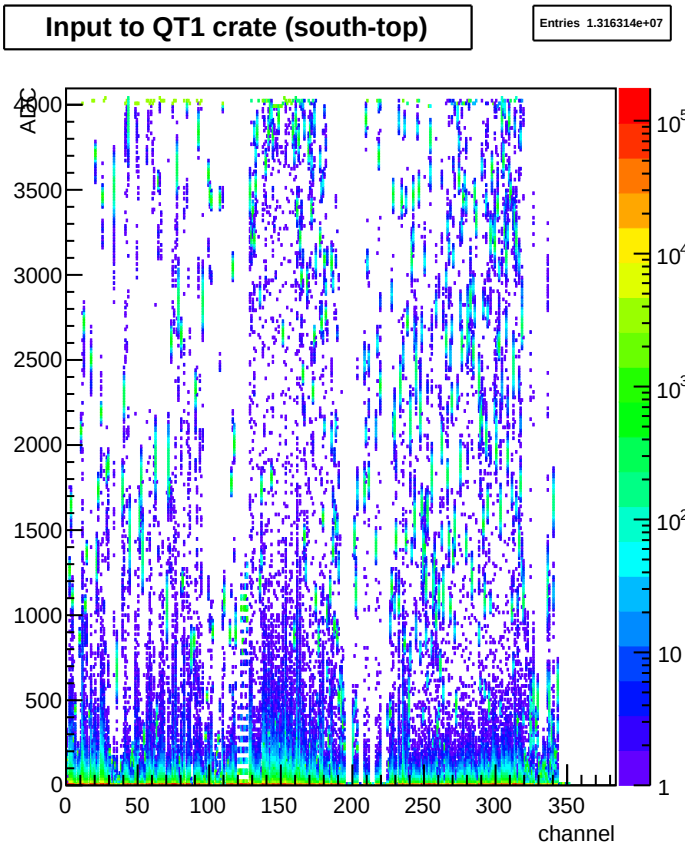

Entries 2865719
VPD-West ADC Sum
ZDC-West ADC Sum Att

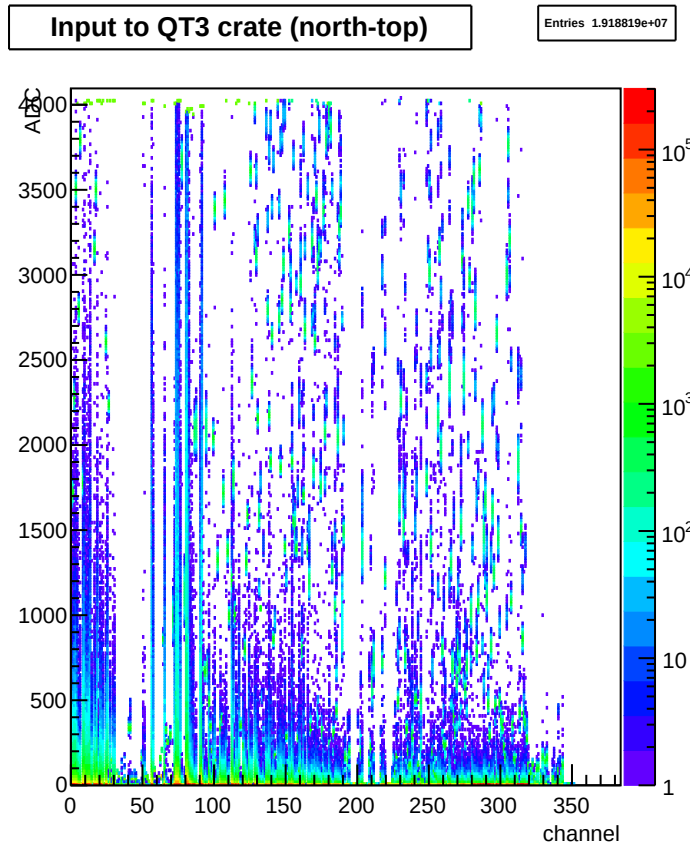

Entries 2865719
BBC-S-East ADC Sum
BBC-S-West ADC Sum

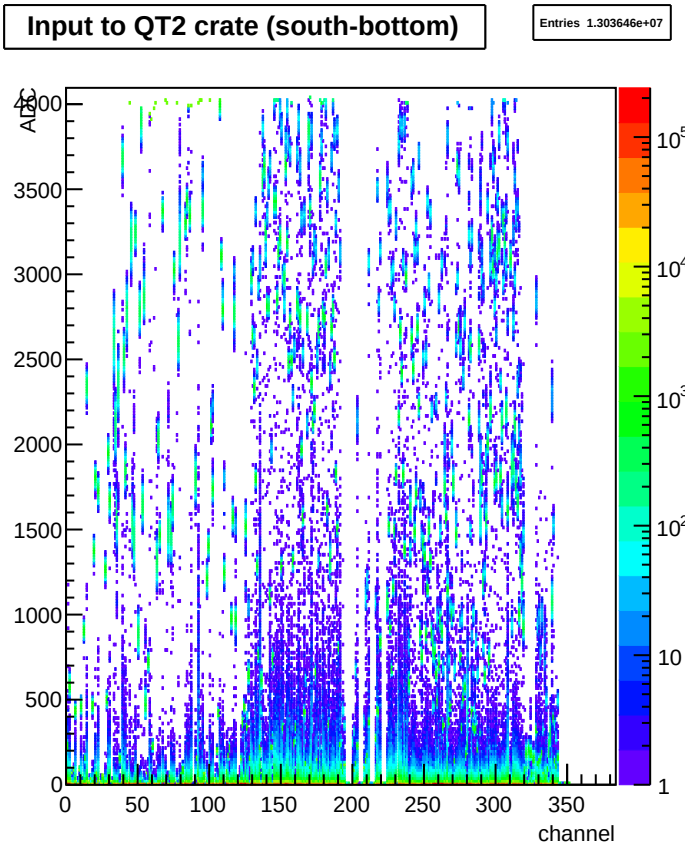

Entries 2865719
ZDC East ADC Sum Att
ZDC West ADC Sum Att

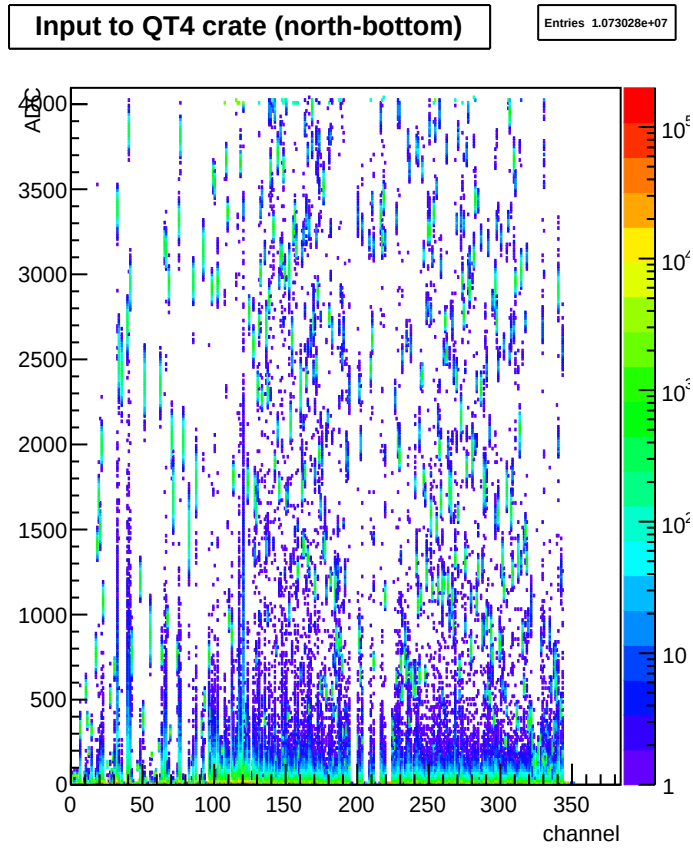

Entries 2865719
VPD East ADC Sum
VPD West ADC Sum

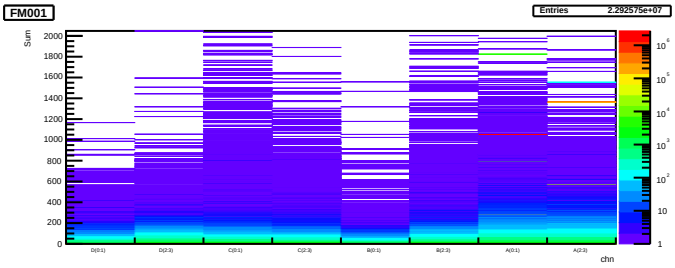

Entries 2865719
BBC-S TAC Diff
ZDC TAC Diff

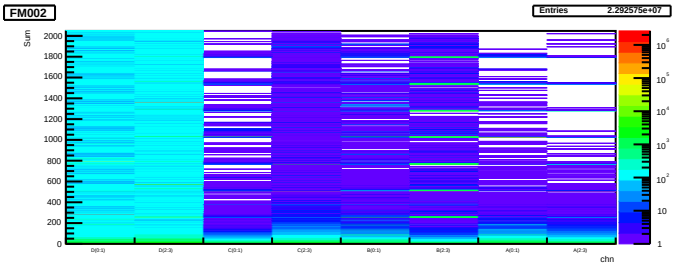

Input to QT1 crate (south-top)
Entries 1.316314e+07
ADC
channel

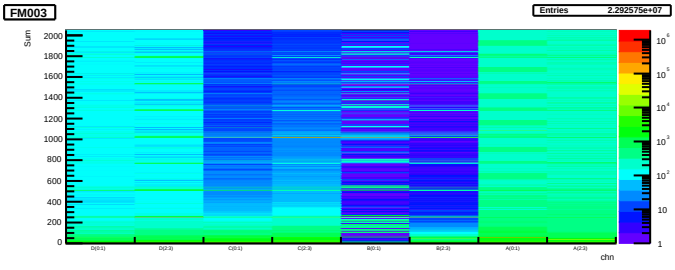

Input to QT3 crate (north-top)
Entries 1.918819e+07
ADC
channel

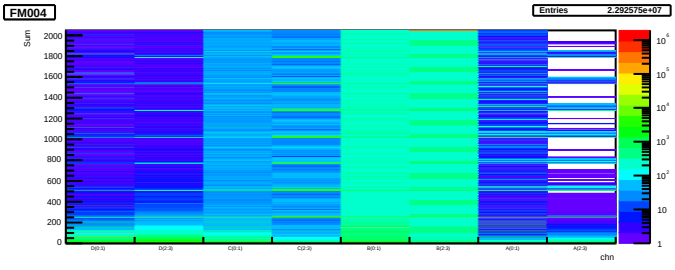

Input to QT2 crate (south-bottom)
Entries 1.303646e+07
ADC
channel

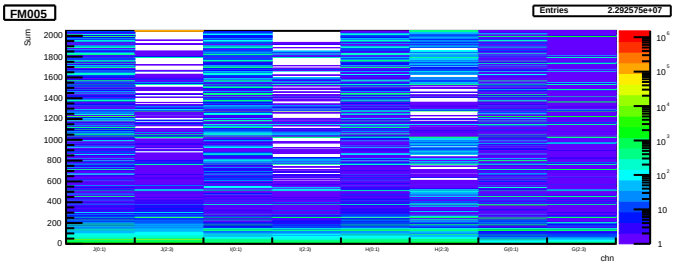

Input to QT4 crate (north-bottom)
Entries 1.073028e+07
ADC
channel

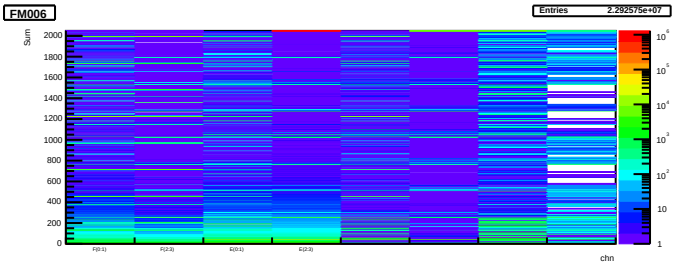

FM001
Entries 2.292575e+07
Sum
chn

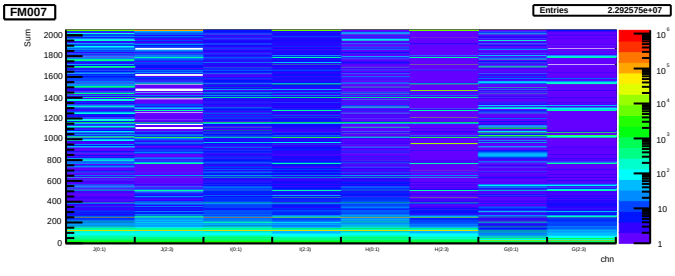

FM002
Entries 2.292575e+07
Sum
chn

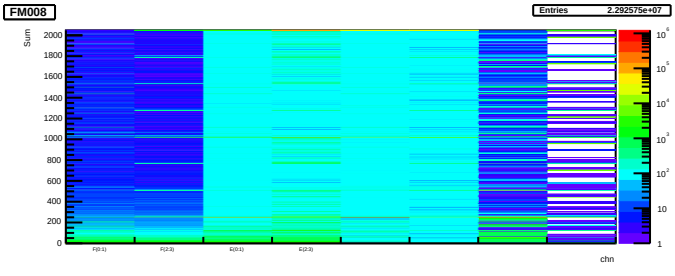

FM003
Entries 2.292575e+07
Sum
chn


FM004
Entries 2.292575e+07
Sum
chn


FM005
Entries 2.292575e+07
Sum
chn


FM006
Entries 2.292575e+07
Sum
chn


FM007
Entries 2.292575e+07
Sum
chn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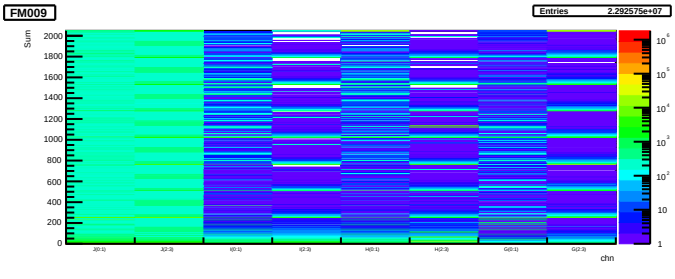
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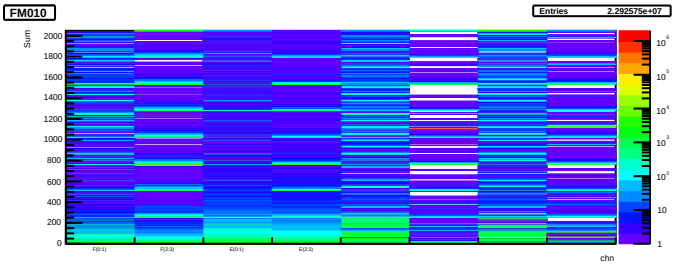
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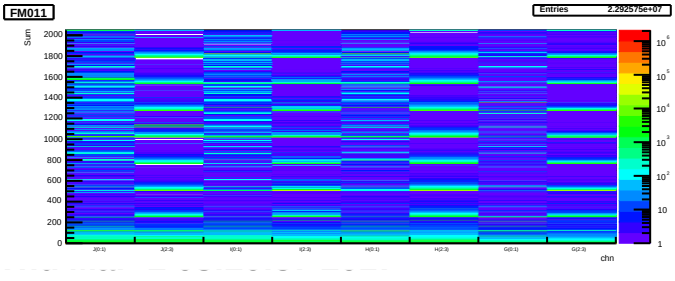
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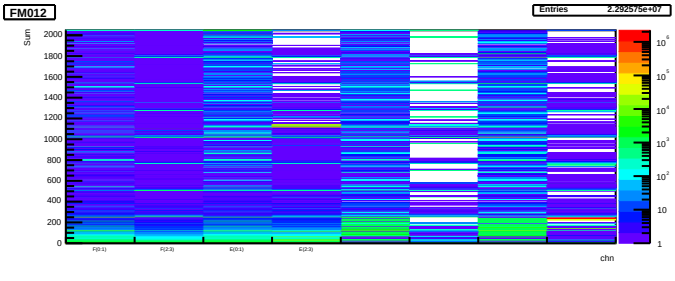
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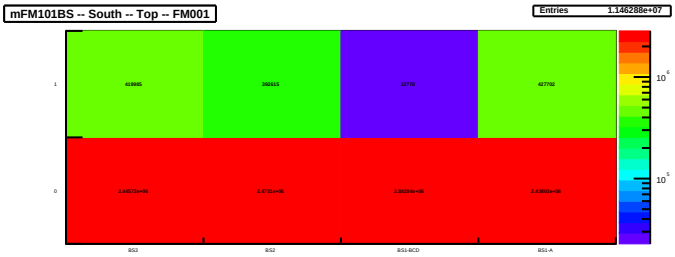
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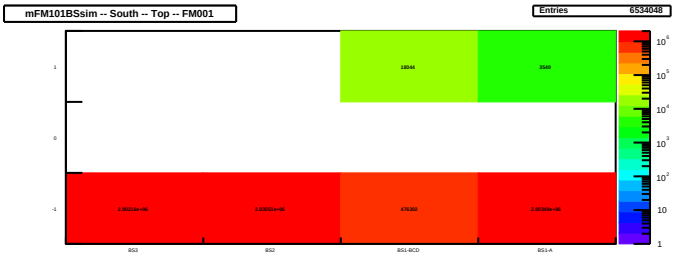
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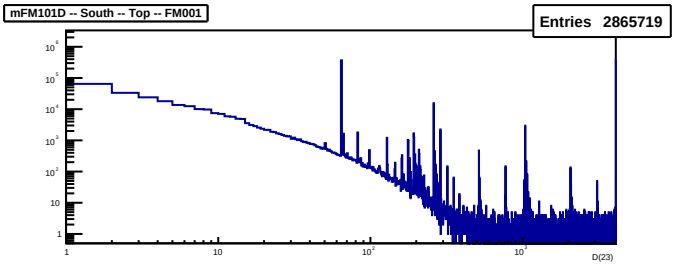
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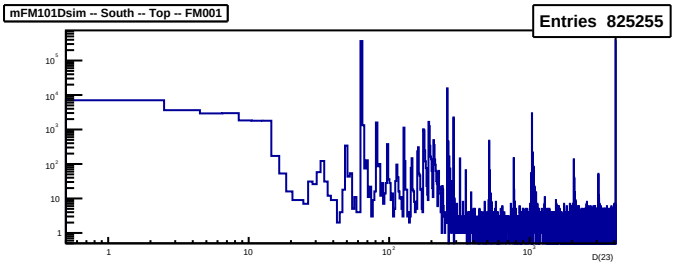
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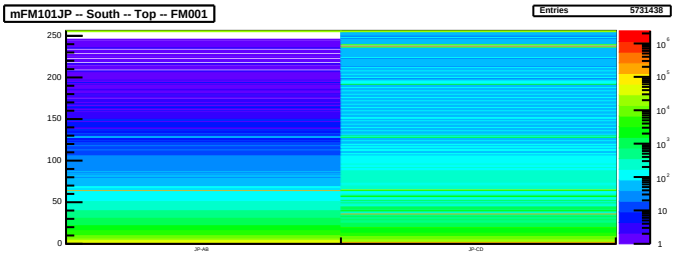
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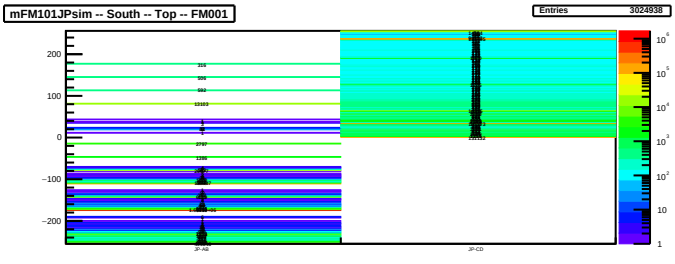
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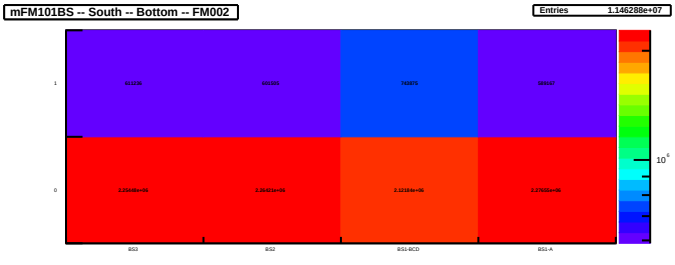
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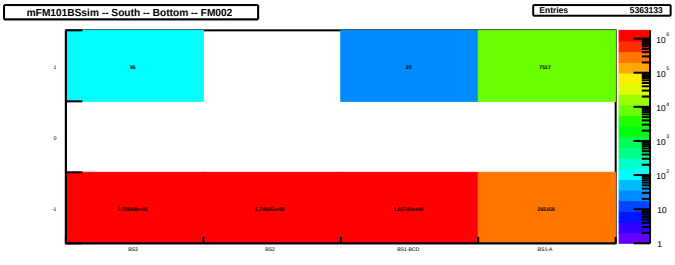
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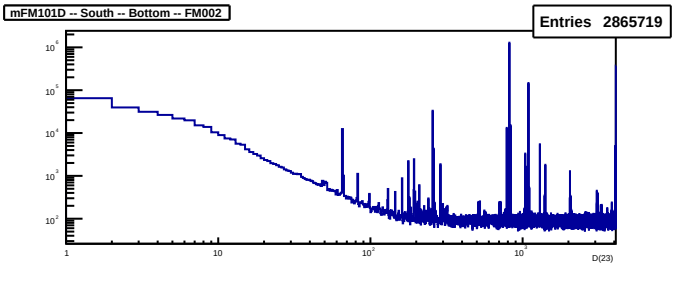
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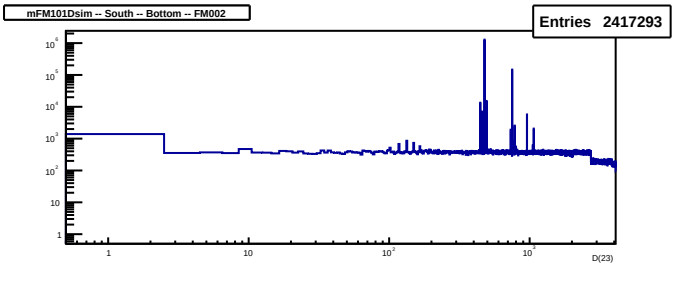
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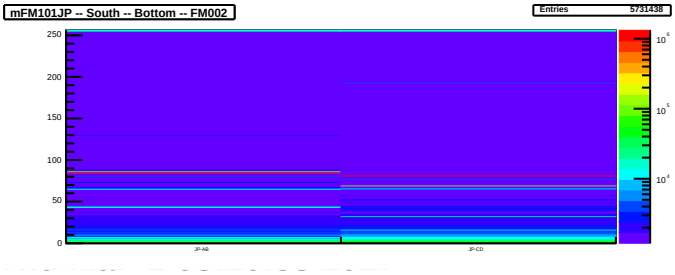
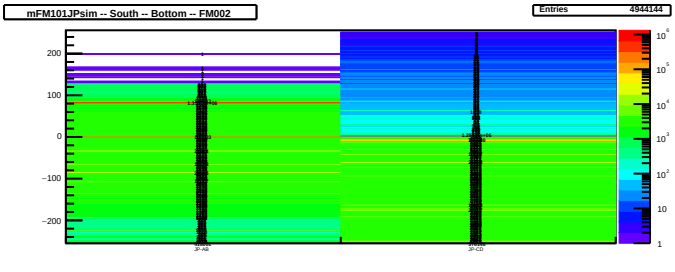

mFM101JP -- South -- Bottom -- FM002
Entries 5731438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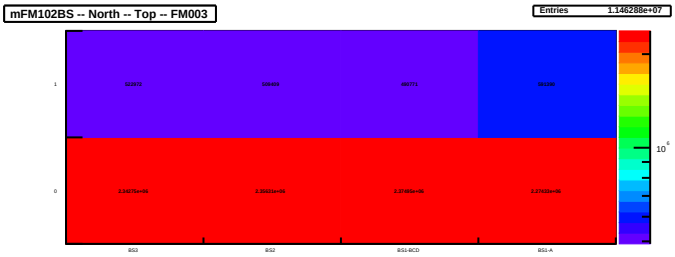
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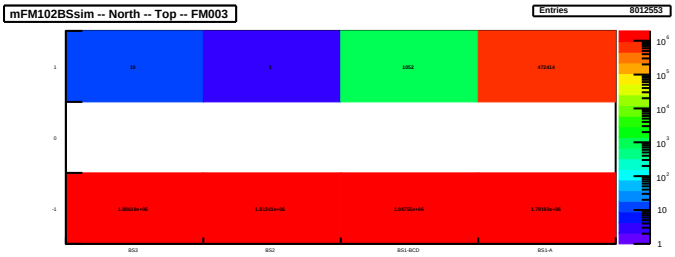
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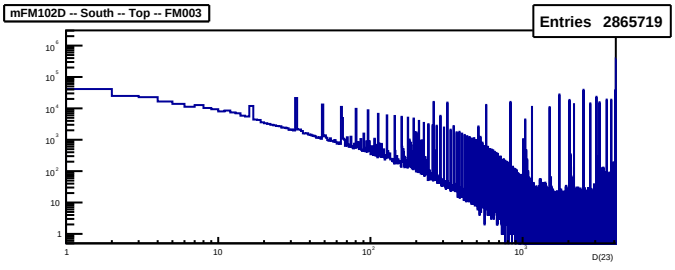
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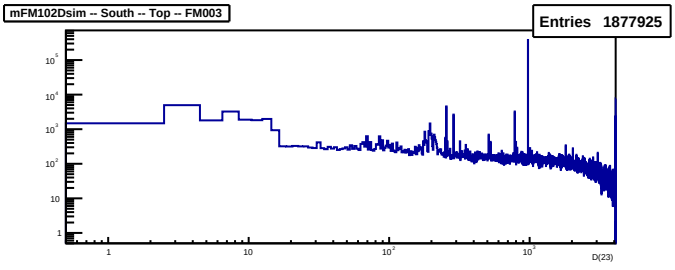
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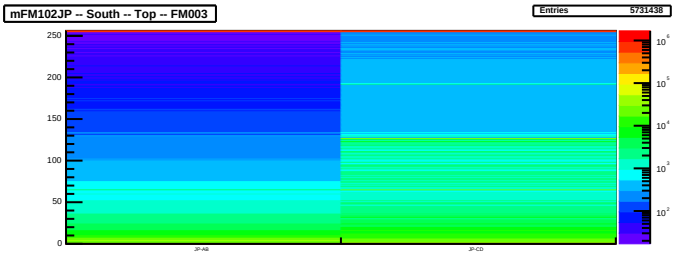
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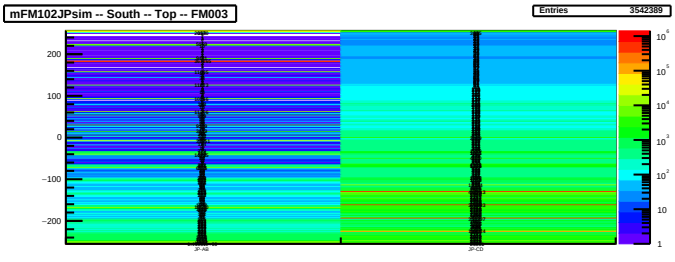
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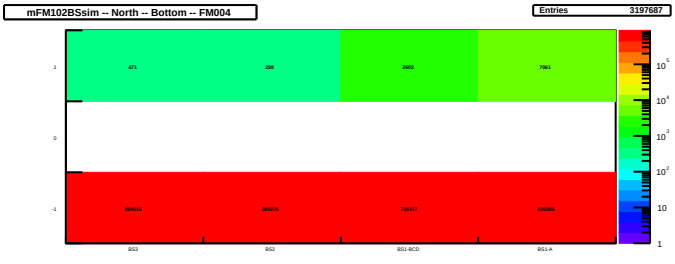
mFM102BS -- North -- Bottom -- FM004
Entries 1.146288e+07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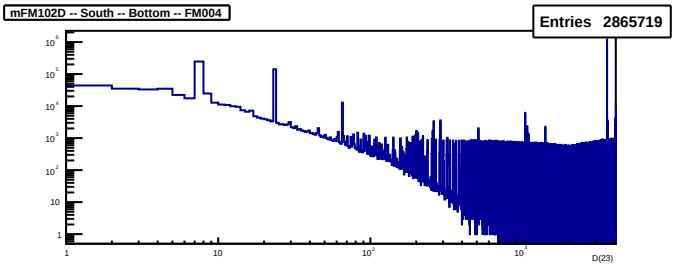
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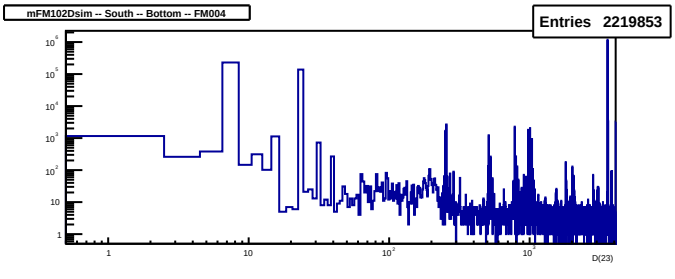
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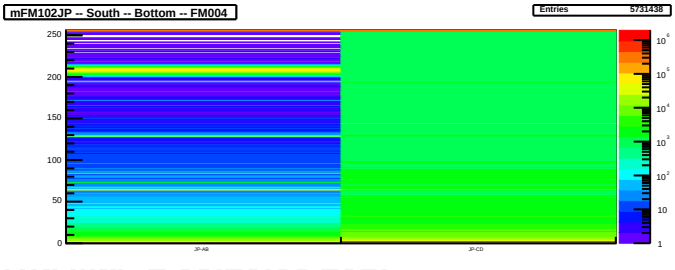
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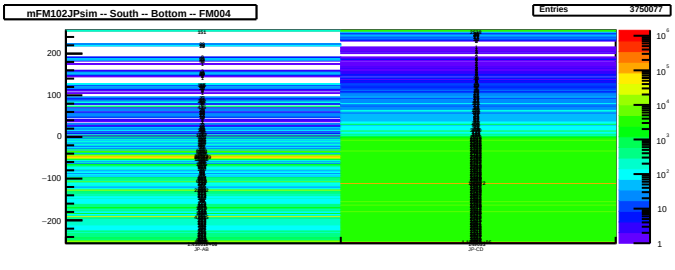
Entries 5731438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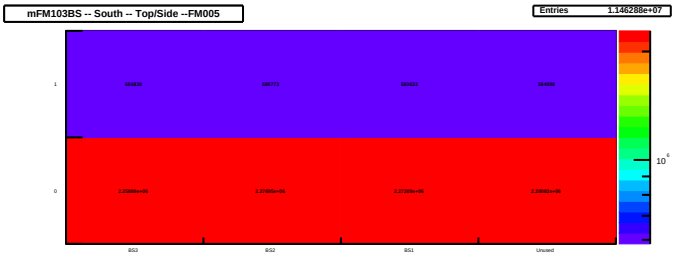
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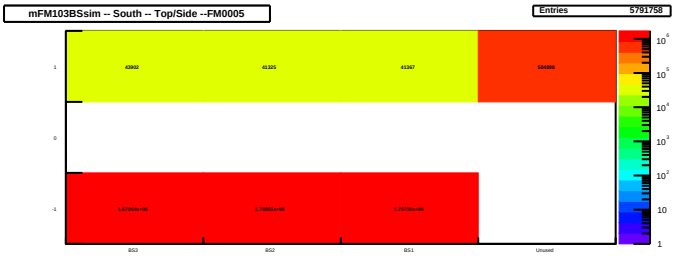
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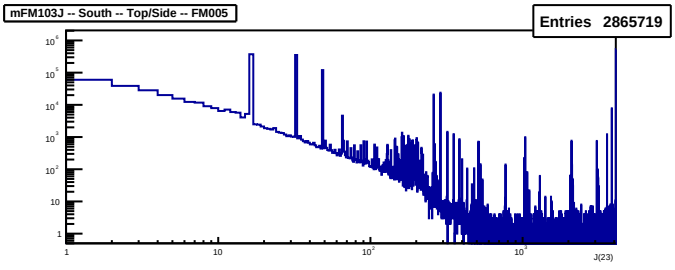
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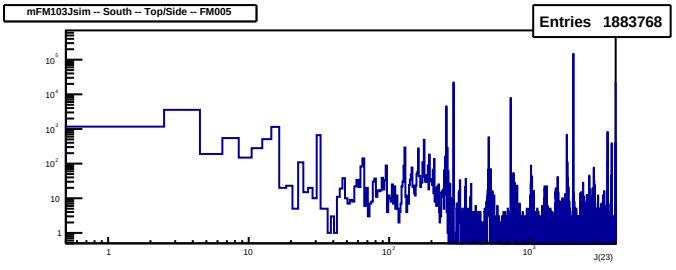
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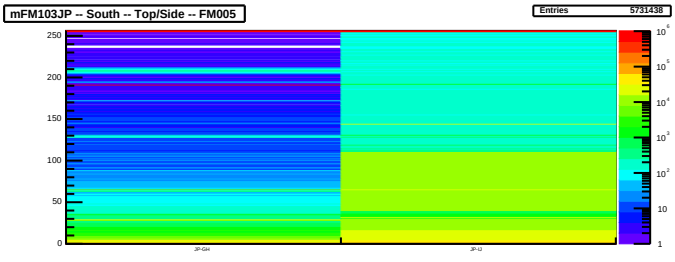
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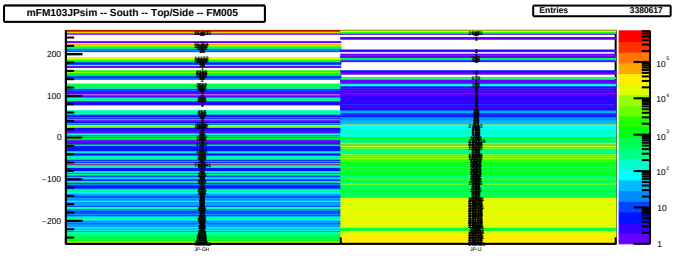
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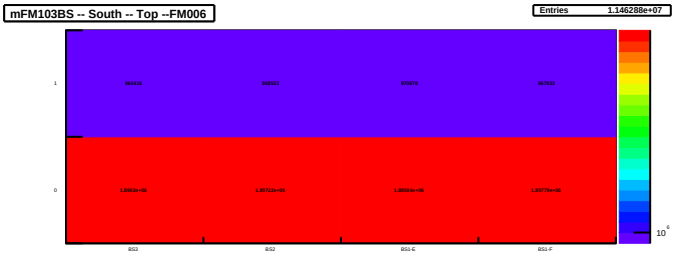
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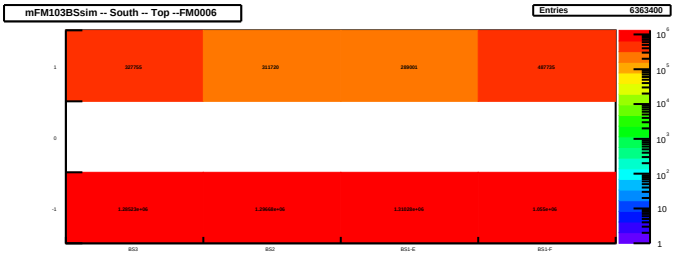
Entries 1.146288e+07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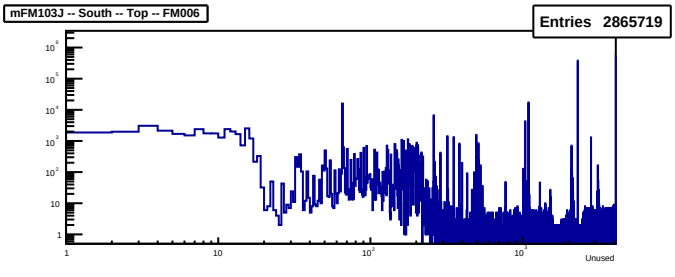
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Entries 2865719
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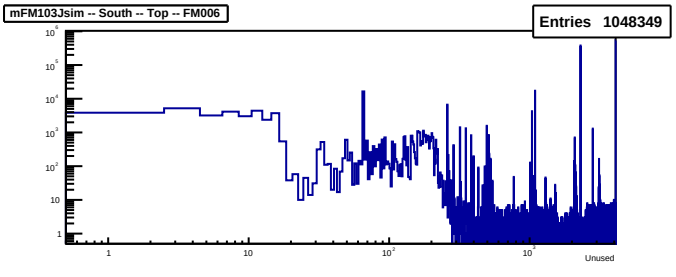
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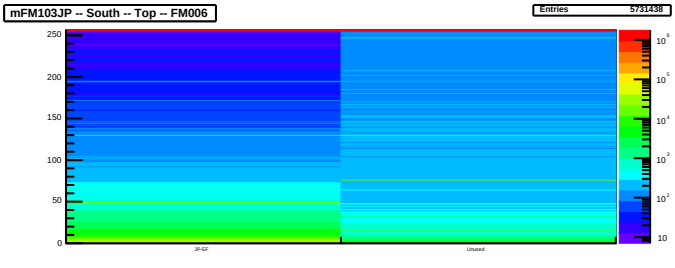
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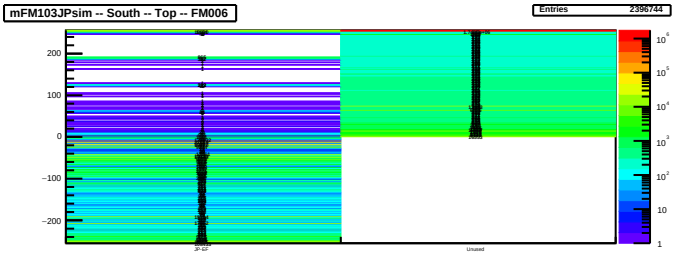
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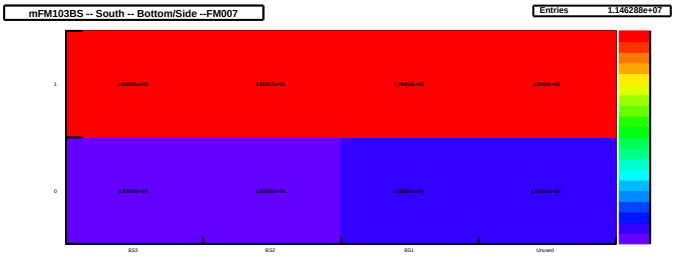
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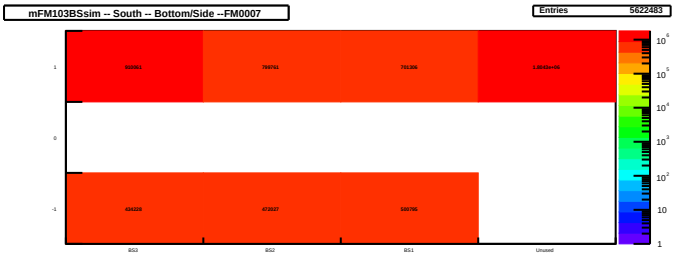
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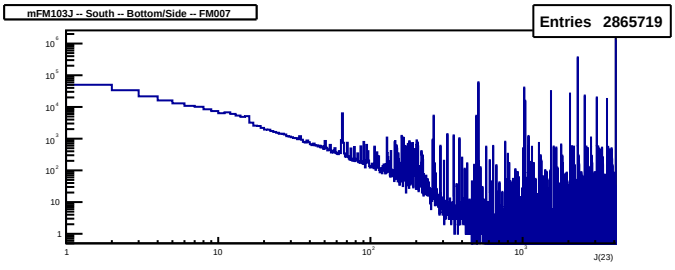
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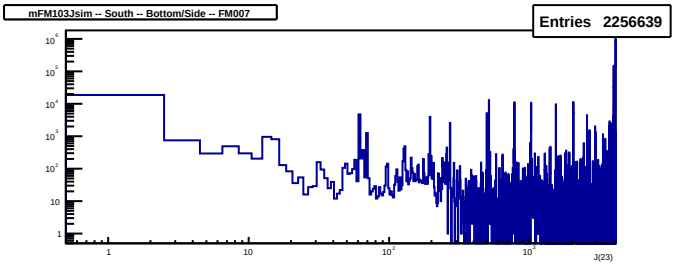
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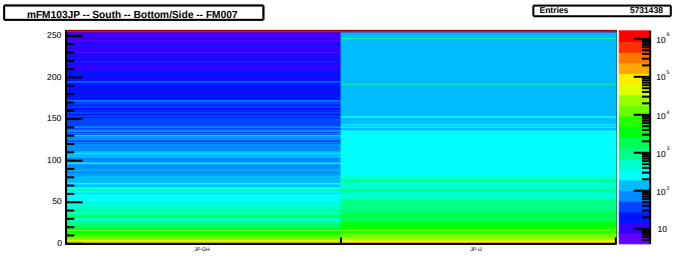
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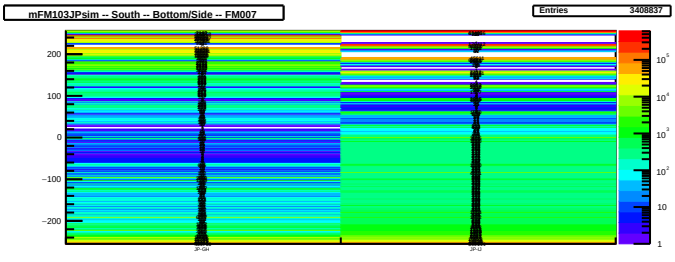
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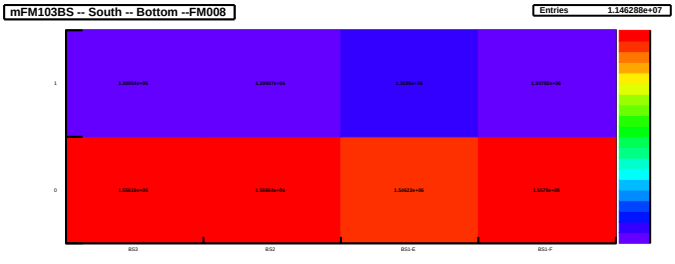
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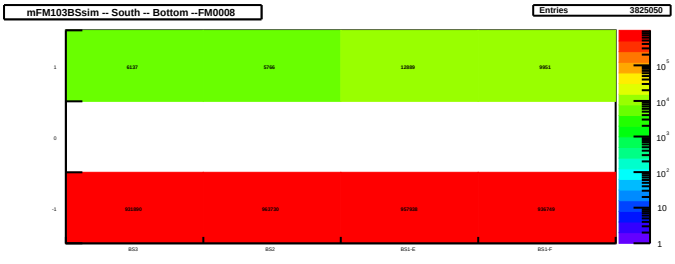
Entries 1.146288e+07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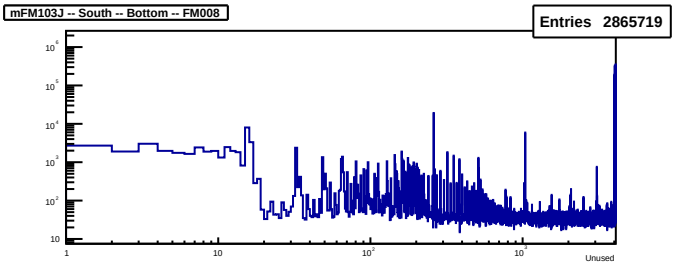
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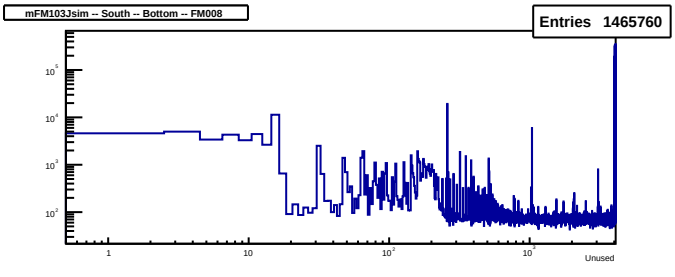
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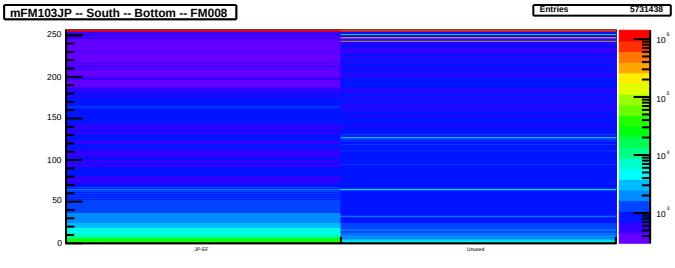
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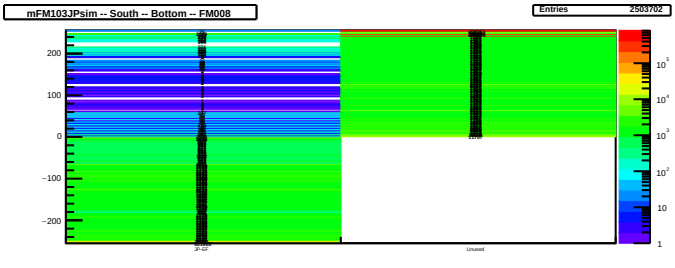
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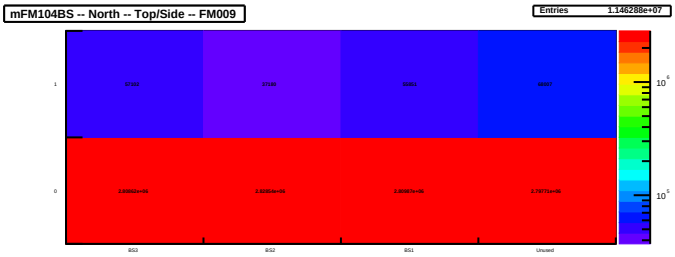
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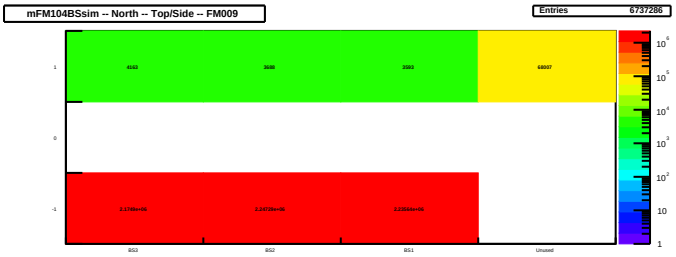
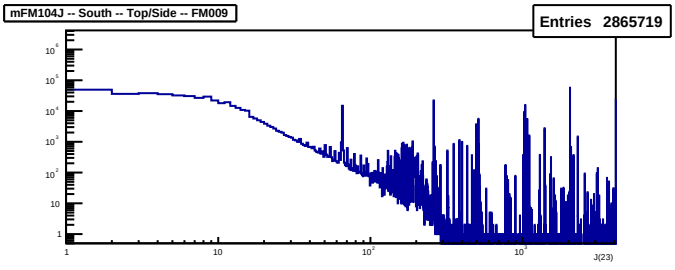
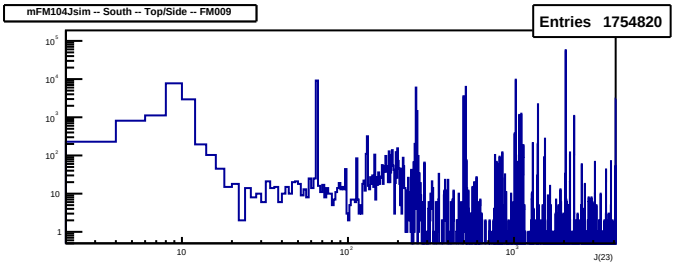
Entries 1.146288e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6737286


mFM104J -- South -- Top/Side -- FM009
Entries 2865719
J(23)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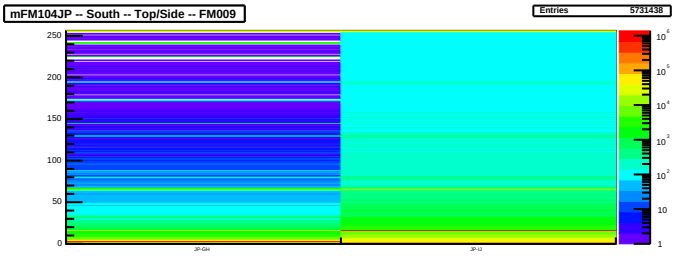
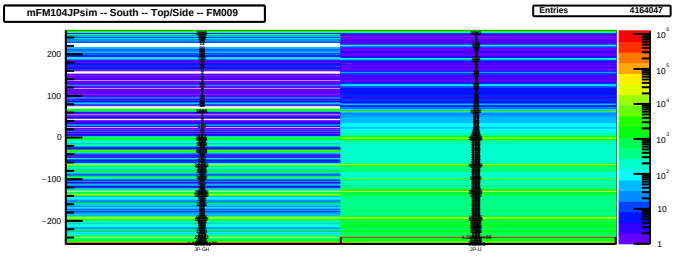
Entries 1754820
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5731438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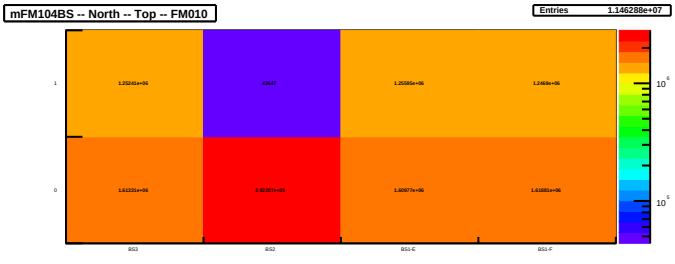
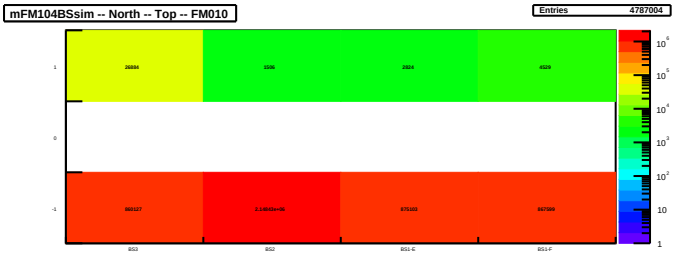
Entries 4164047


mFM104BS -- North -- Top -- FM010
Entries 1.146288e+07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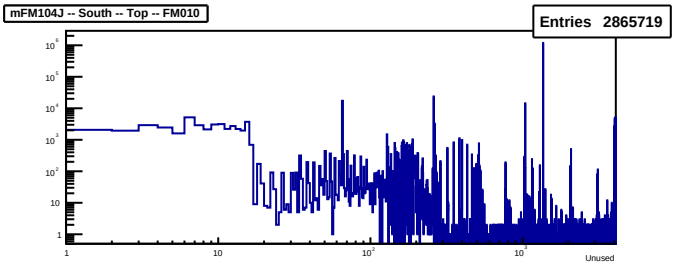
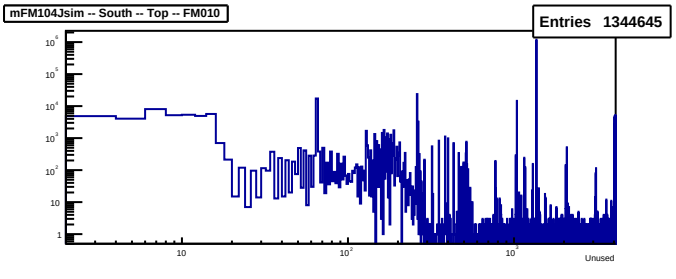
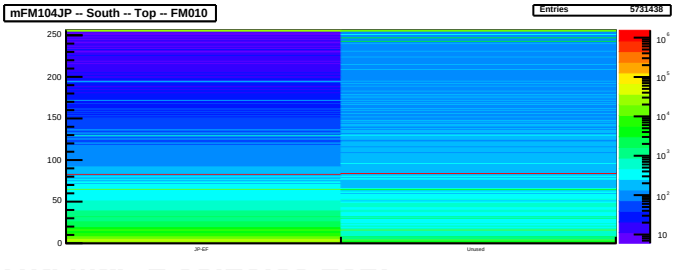
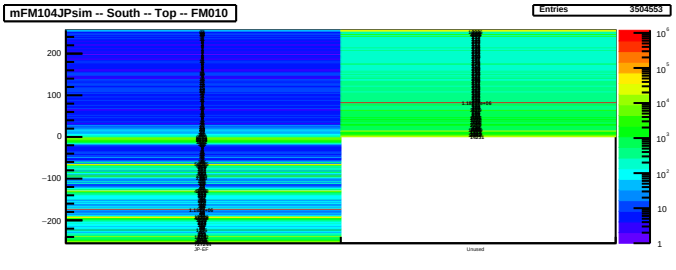
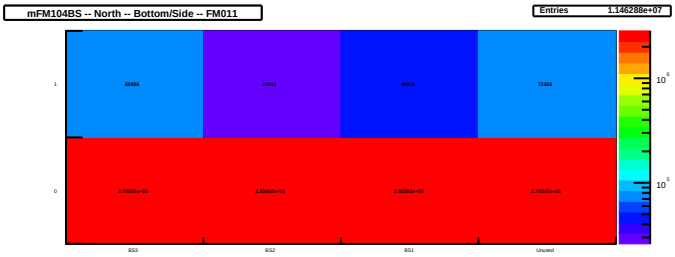
Entries 4787004

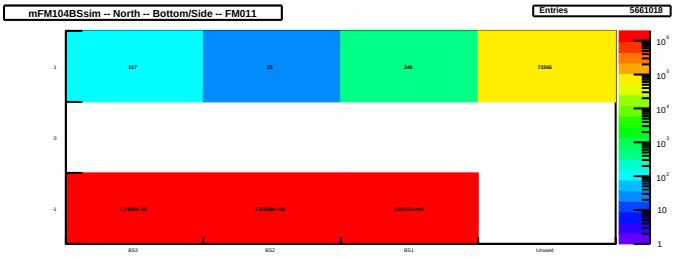

mFM104J -- South -- Top -- FM010
Entries 2865719
Unused


mFM104Jsim -- South -- Top -- FM010
Entries 1344645
Unused


mFM104JP -- South -- Top -- FM010
Entries 5731438


mFM104JPsim -- South -- Top -- FM010
Entries 3504553


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.146288e+07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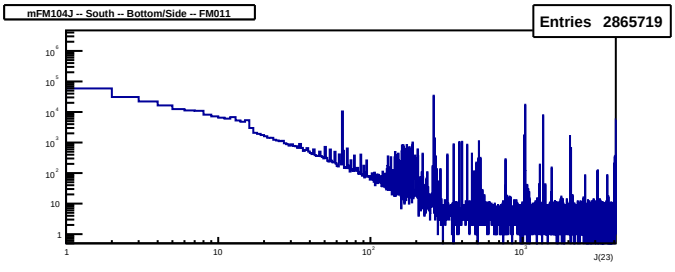
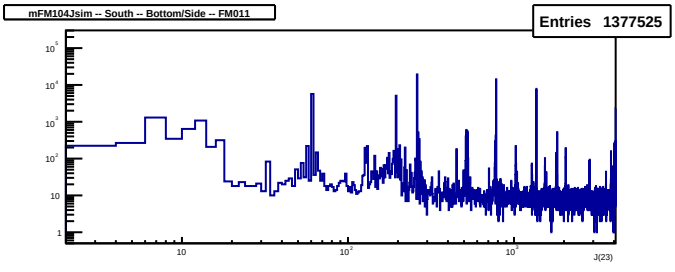
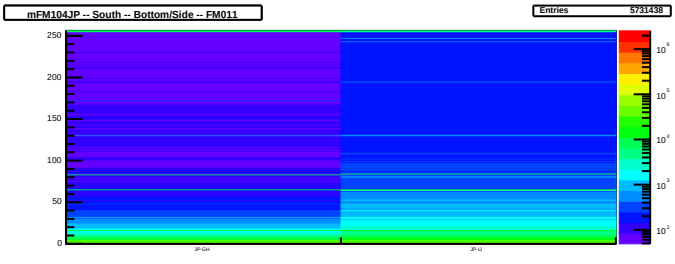
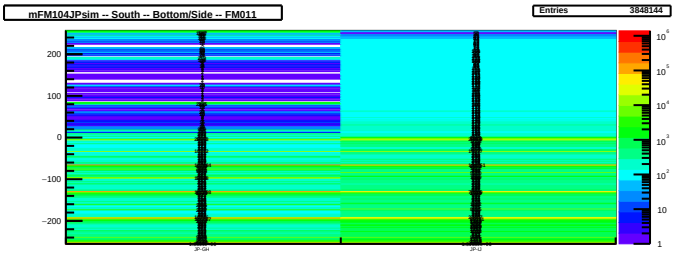
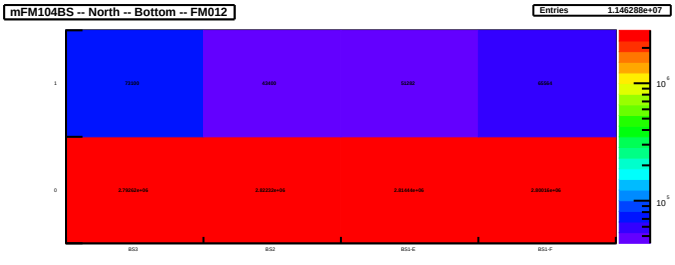
Entries 5661018

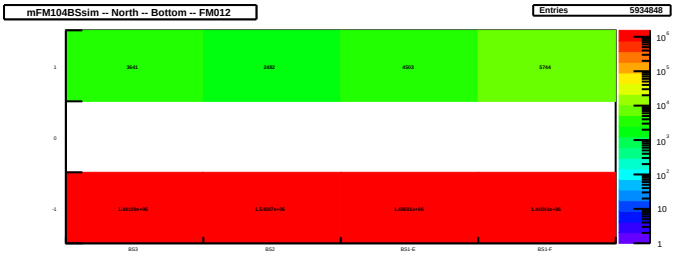

mFM104J -- South -- Bottom/Side -- FM011
Entries 2865719
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1377525
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 5731438


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3848144


mFM104BS -- North -- Bottom -- FM012
Entries 1.146288e+07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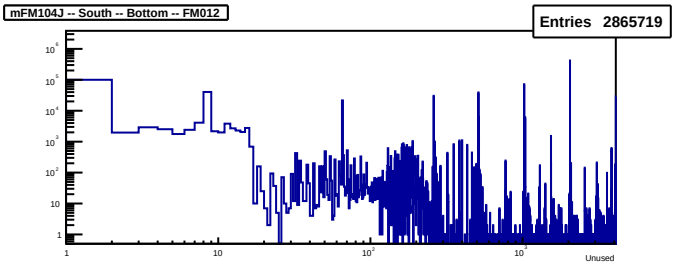
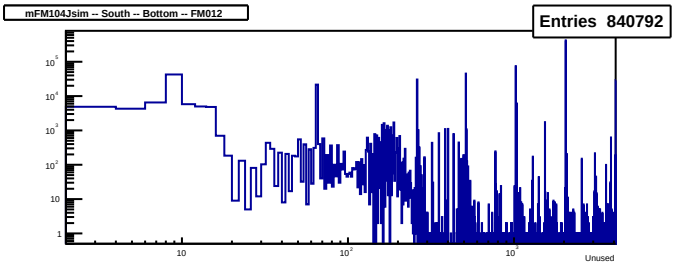
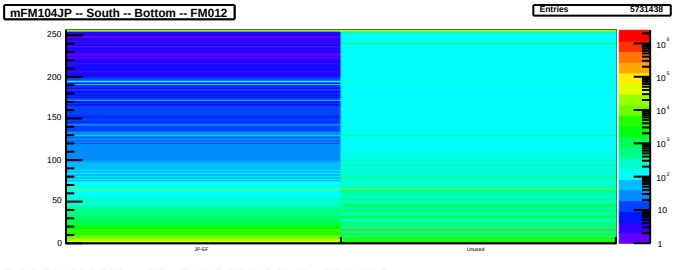
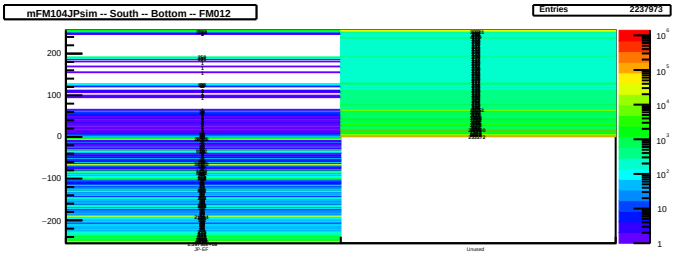
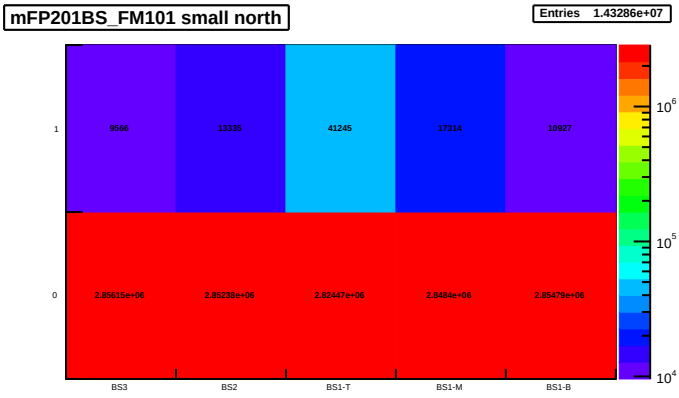
Entries 5934848

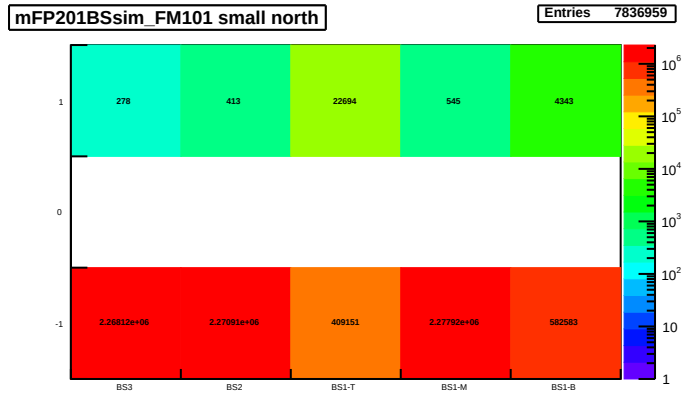

mFM104J -- South -- Bottom -- FM012
Entries 2865719
Unused

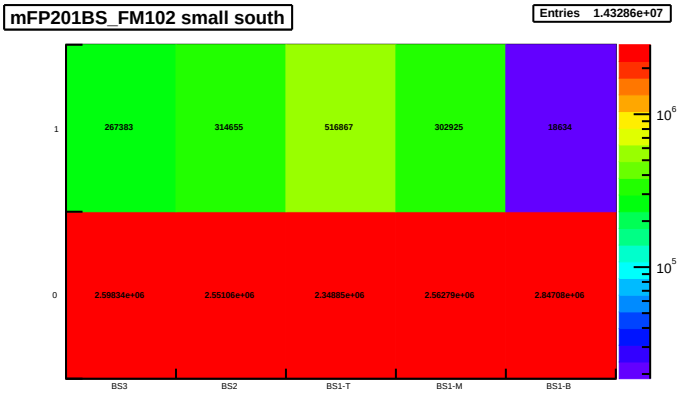

mFM104Jsim -- South -- Bottom -- FM012
Entries 840792
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 5731438


mFM104JPsim -- South -- Bottom -- FM012
Entries 2237973


mFP201BS_FM101 small north
Entries 1.43286e+07
1
0
9566
13335
41245
17314
10927
2.85615e+06
2.85238e+06
2.82447e+06
2.8484e+06
2.85479e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4


mFP201BSsim_FM101 small north
Entries 7836959
1
0
-1
278
413
22694
545
4343
2.26812e+06
2.27091e+06
409151
2.27792e+06
582583
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 1.43286e+07
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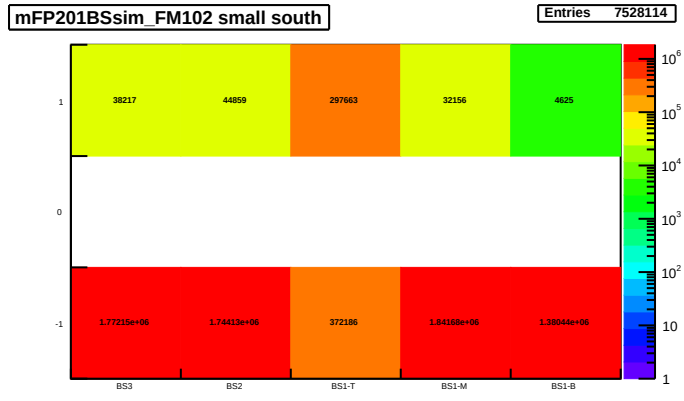
267383
314655
516867
302925
18634
2.59834e+06
2.55106e+06
2.34885e+06
2.56279e+06
2.84708e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM102 small south
Entries 7528114
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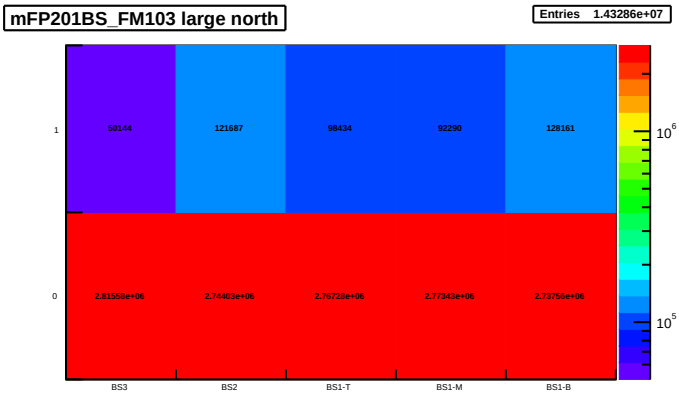
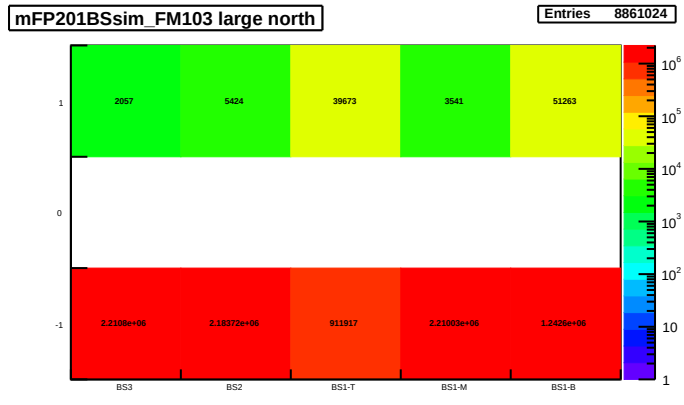
0
-1
38217
44859
297663
32156
4625
1.77215e+06
1.74413e+06
372186
1.84168e+06
1.38044e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 1.43286e+07
1
0
50144
121687
98434
92290
128161
2.81558e+06
2.74403e+06
2.76728e+06
2.77343e+06
2.73756e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM103 large north
Entries 8861024
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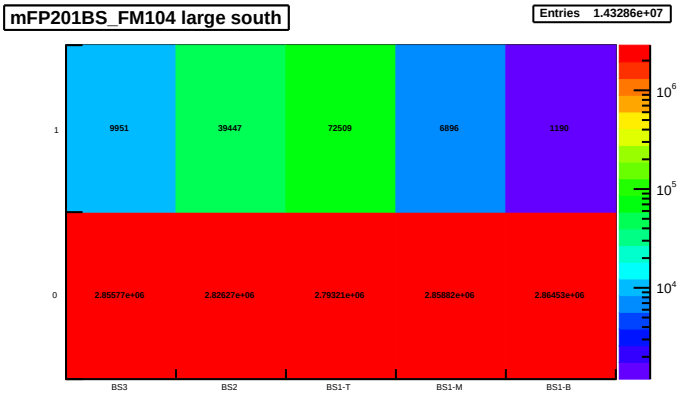
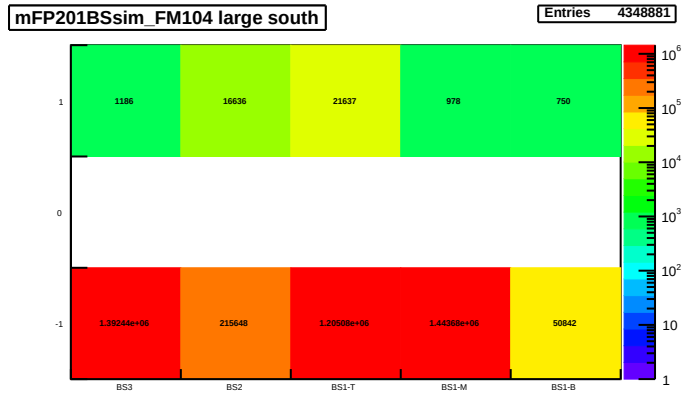
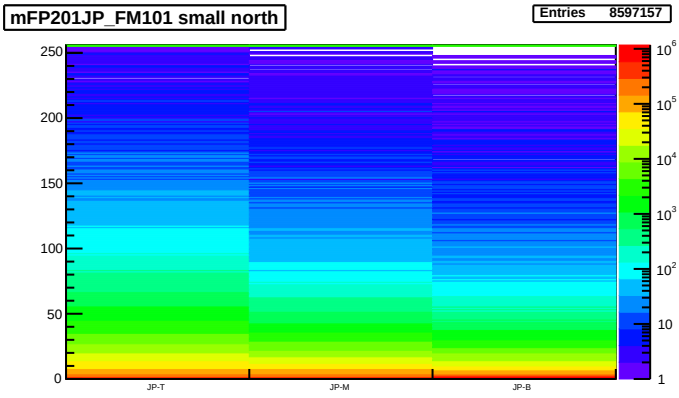
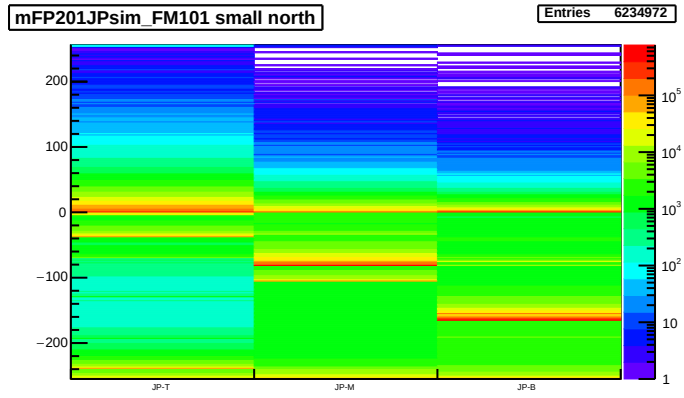
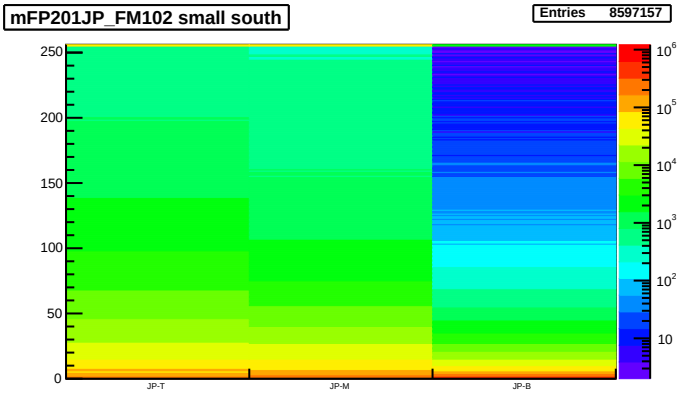
0
-1
2057
5424
39673
3541
51263
2.2108e+06
2.18372e+06
911917
2.21003e+06
1.2426e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

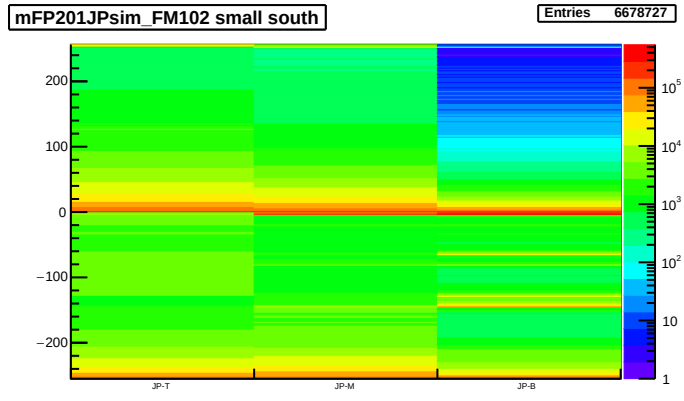

mFP201BS_FM104 large south
Entries 1.43286e+07
1
0
9951
39447
72509
6896
1190
2.85577e+06
2.82627e+06
2.79321e+06
2.85882e+06
2.86453e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4

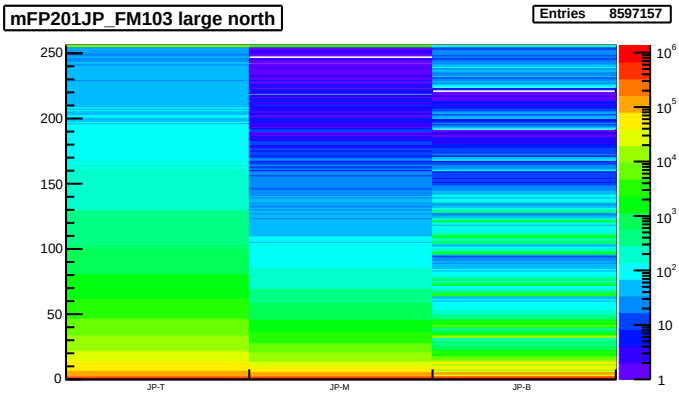

mFP201BSsim_FM104 large south
Entries 4348881
1
0
-1
1186
16636
21637
978
750
1.39244e+06
215648
1.20508e+06
1.44368e+06
50842
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

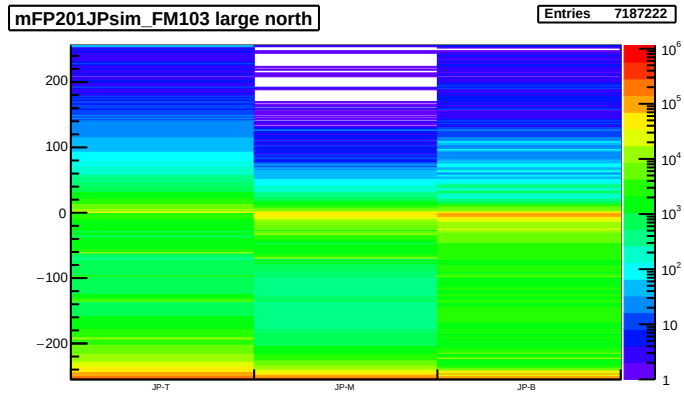

mFP201JP_FM101 small north
Entries 8597157
JP-T
JP-M
JP-B

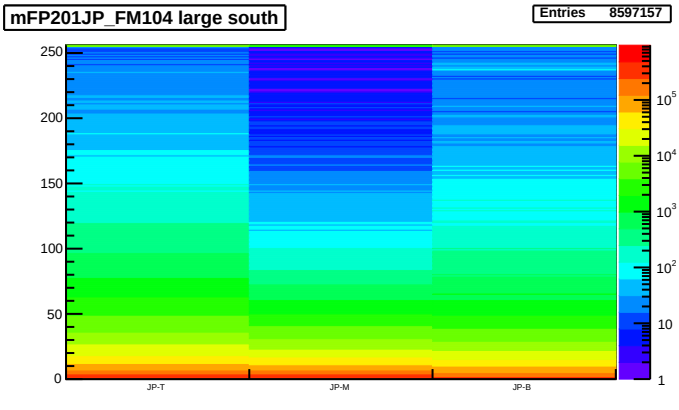

mFP201JPsim_FM101 small north
Entries 6234972
JP-T
JP-M
JP-B

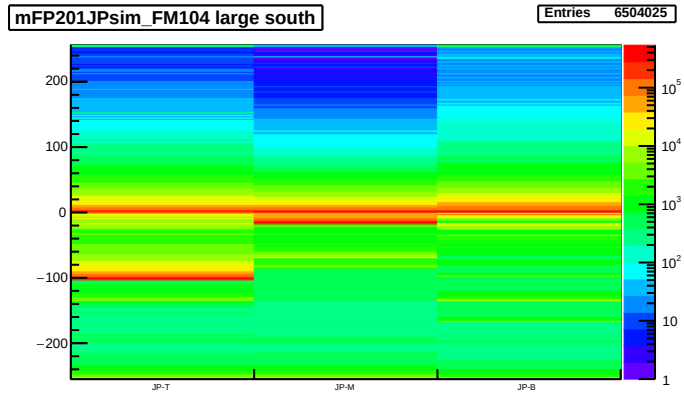

mFP201JP_FM102 small south
Entries 8597157
JP-T
JP-M
JP-B

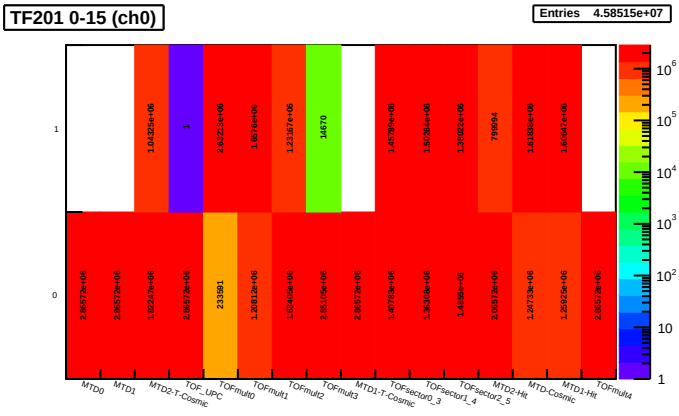

mFP201JPsim_FM102 small south
Entries 6678727
JP-T
JP-M
JP-B

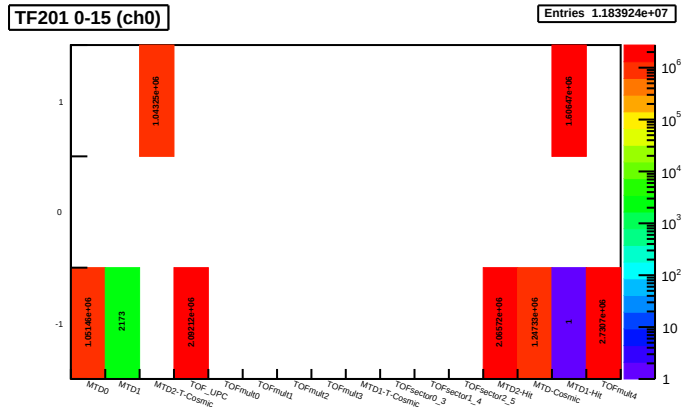

mFP201JP_FM103 large north
Entries 8597157
JP-T
JP-M
JP-B

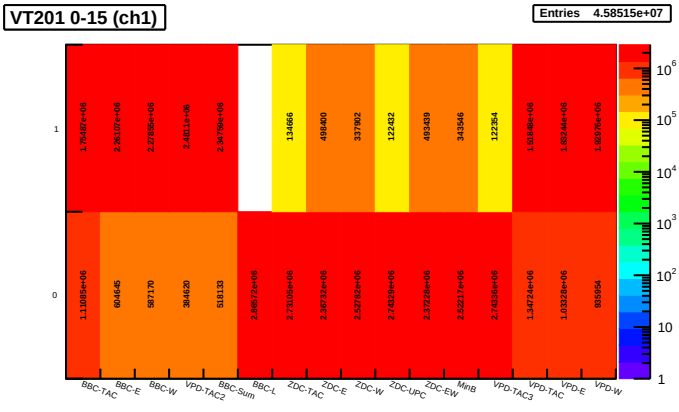

mFP201JPsim_FM103 large north
Entries 7187222
JP-T
JP-M
JP-B

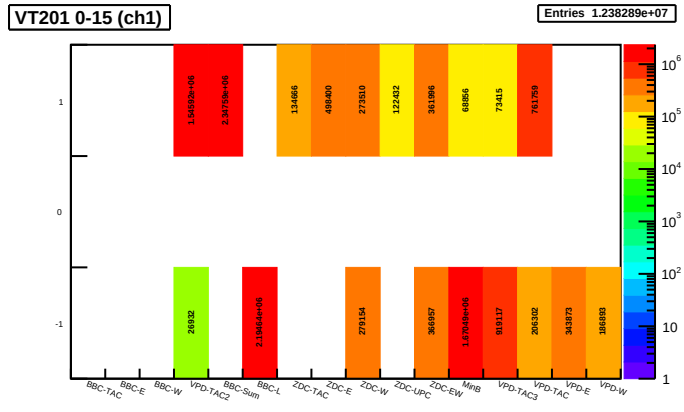

mFP201JP_FM104 large south
Entries 8597157
JP-T
JP-M
JP-B

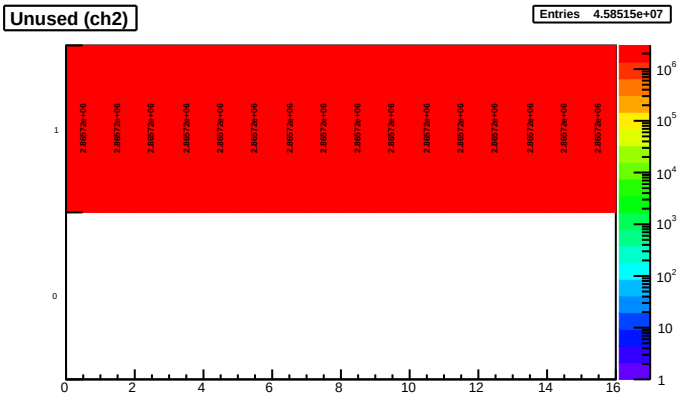

mFP201JPsim_FM104 large south
Entries 6504025
JP-T
JP-M
JP-B

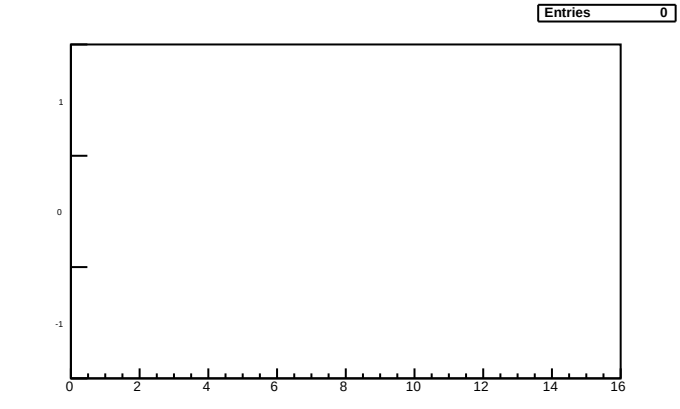

TF201 0-15 (ch0)
Entries 4.58515e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

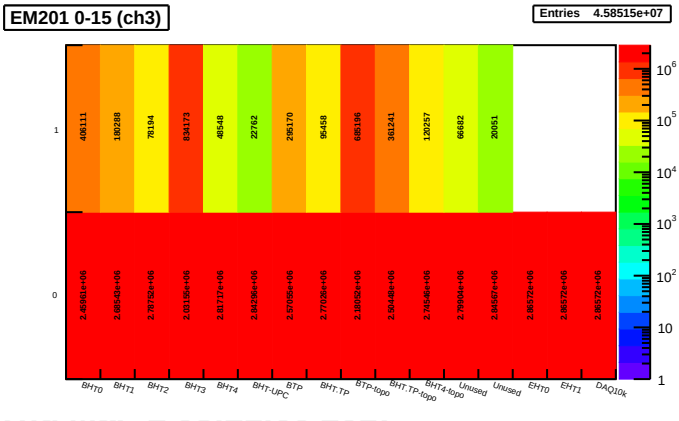

TF201 0-15 (ch0)
Entries 1.183924e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

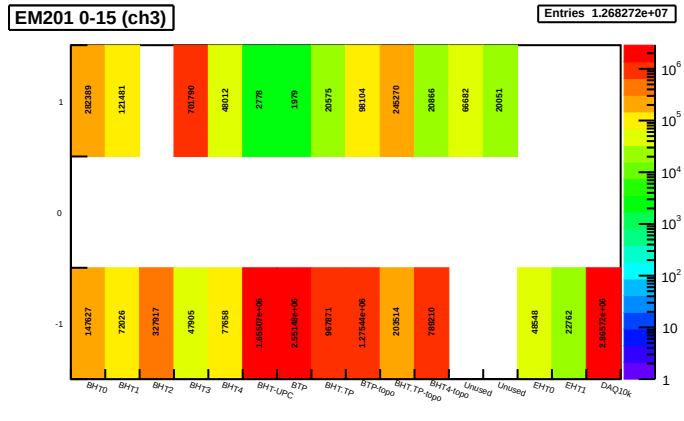

VT201 0-15 (ch1)
Entries 4.58515e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 1.238289e+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

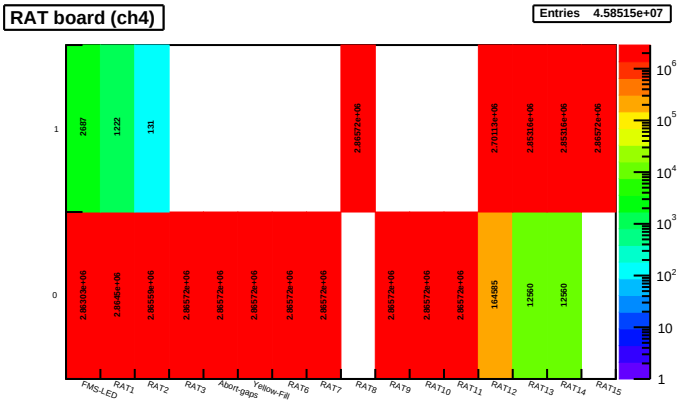

Unused (ch2)
Entries 4.58515e+07

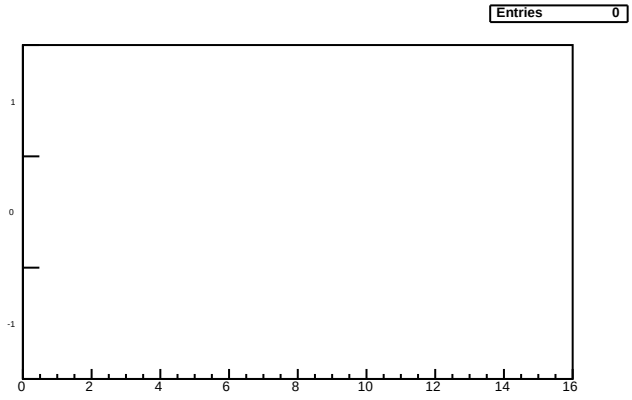

Entries 0


EM201 0-15 (ch3)
Entries 4.58515e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

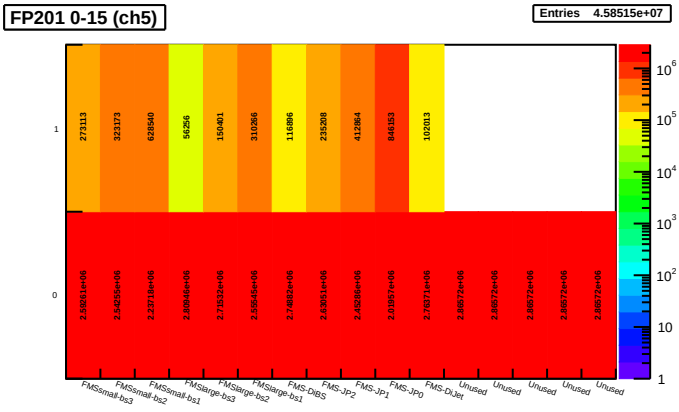

EM201 0-15 (ch3)
Entries 1.268272e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)

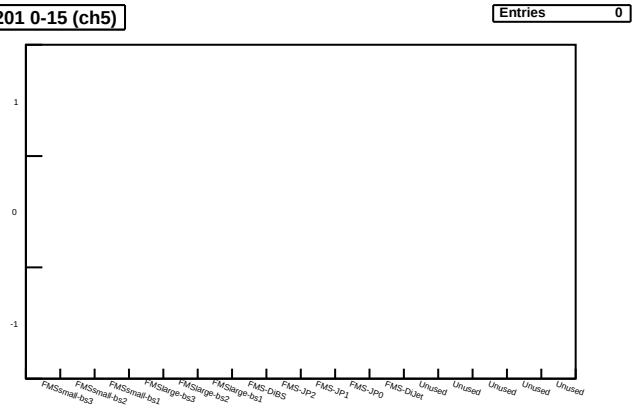




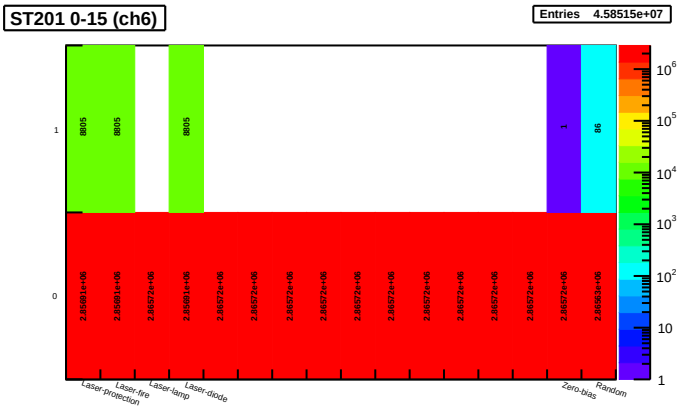
FP201 0-15 (ch5)

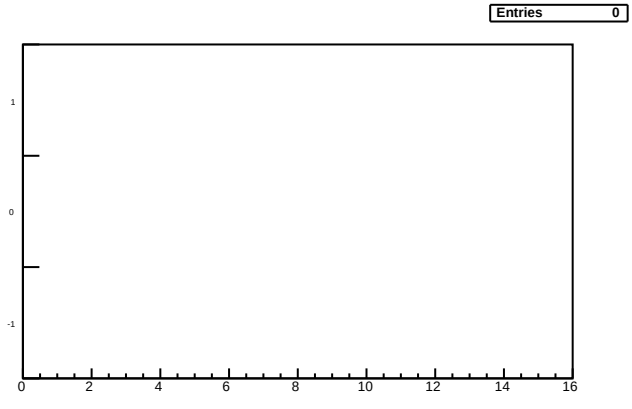
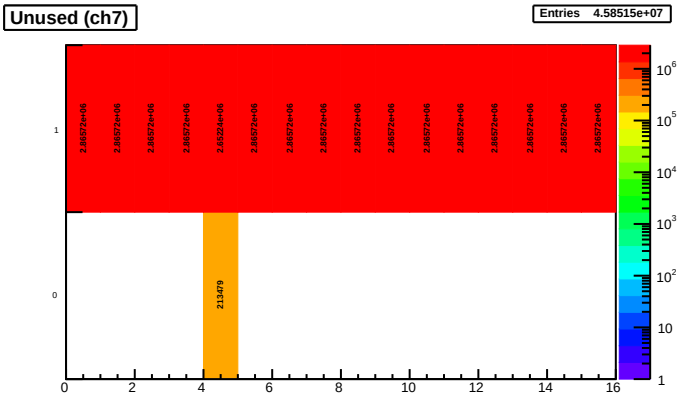
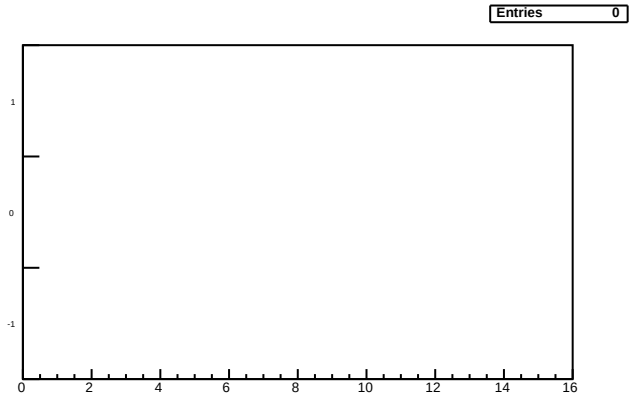


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)