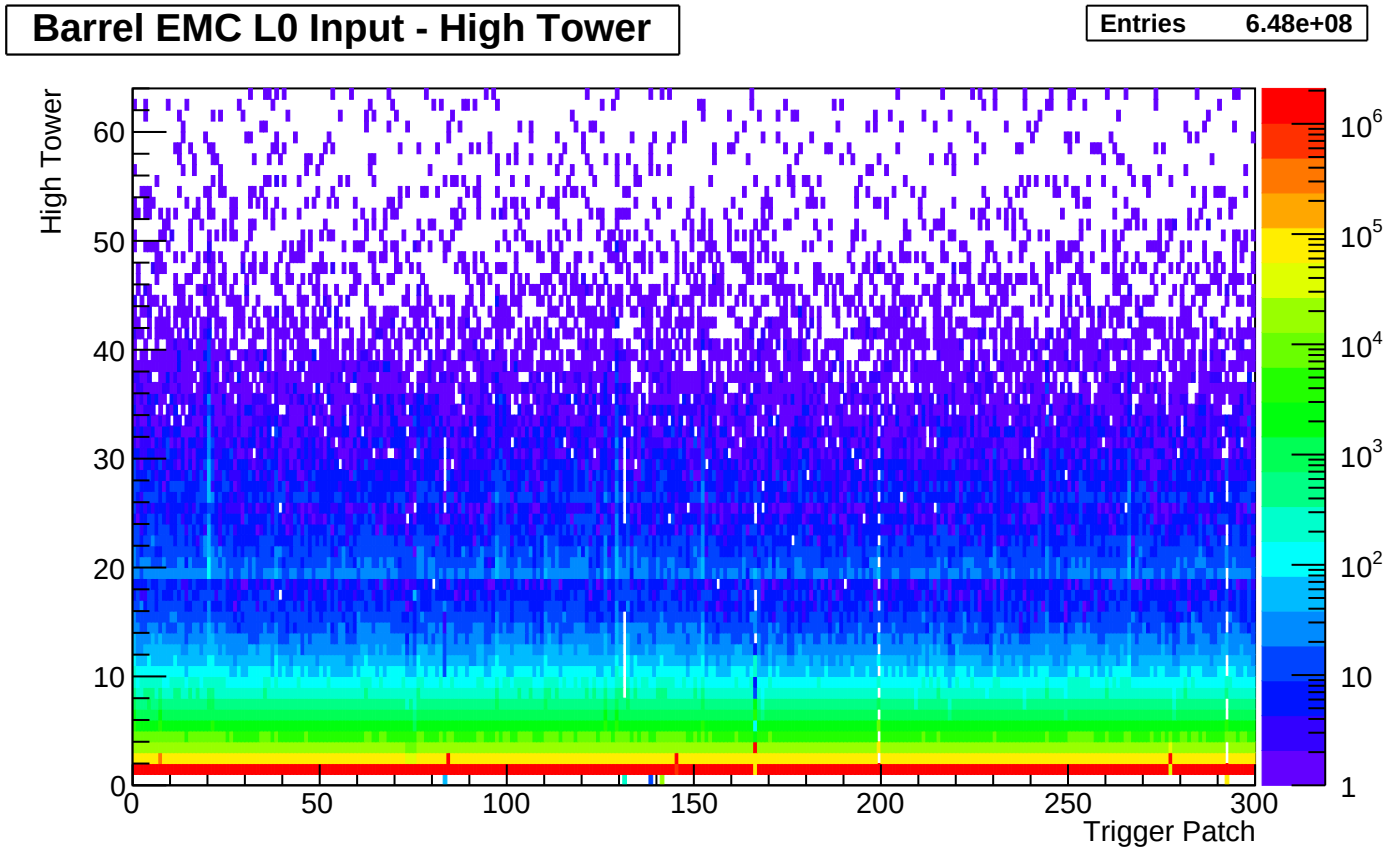
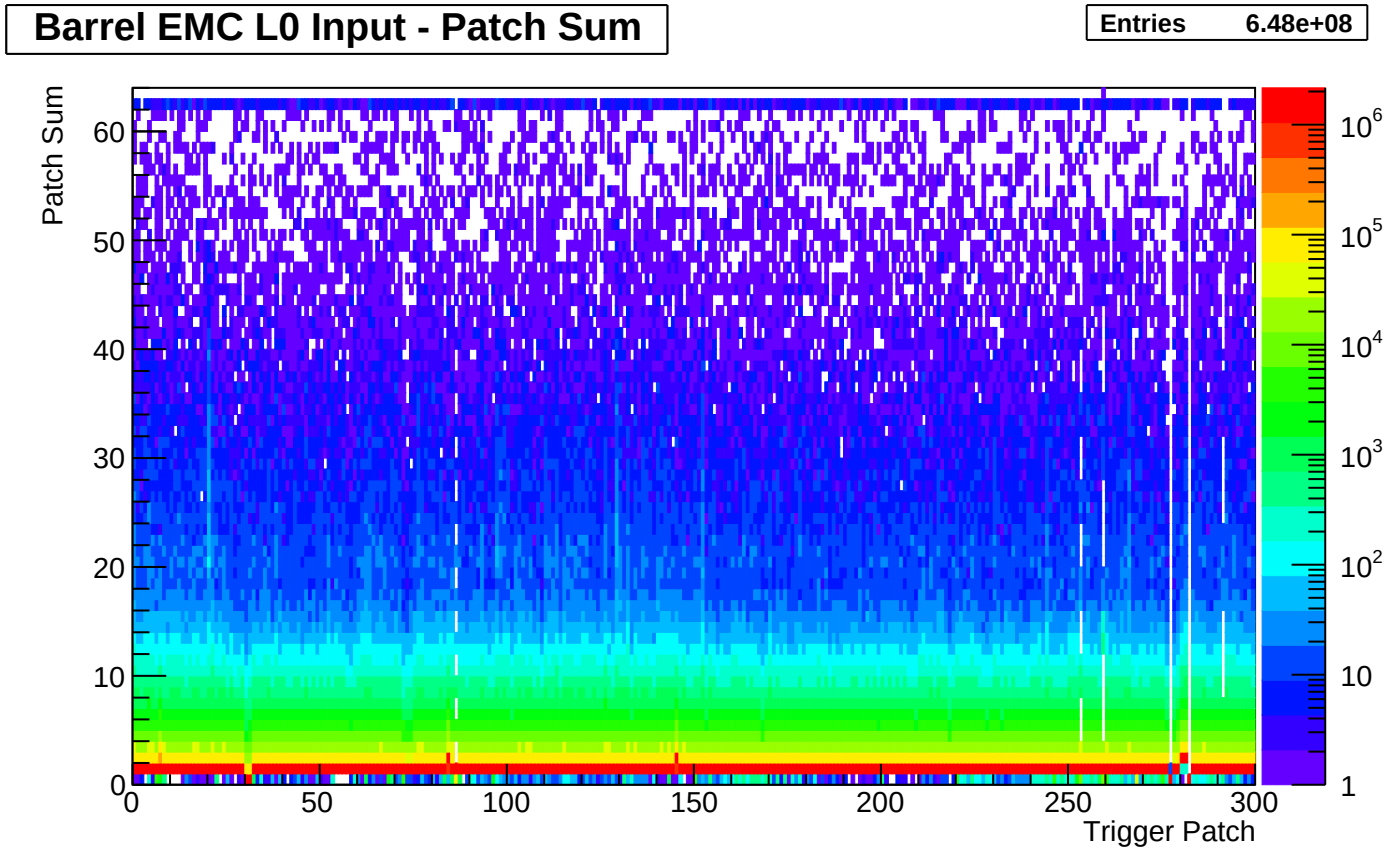
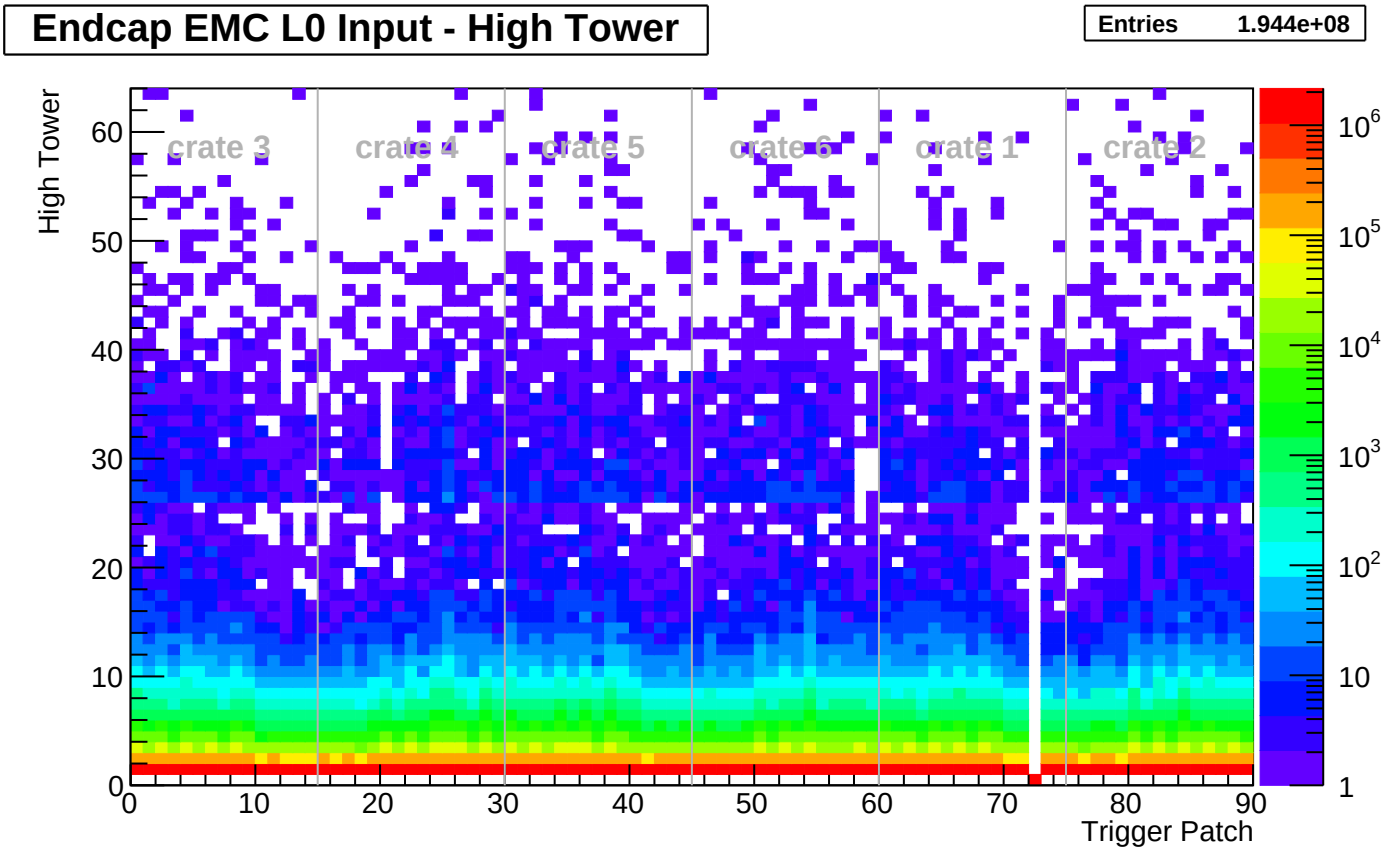
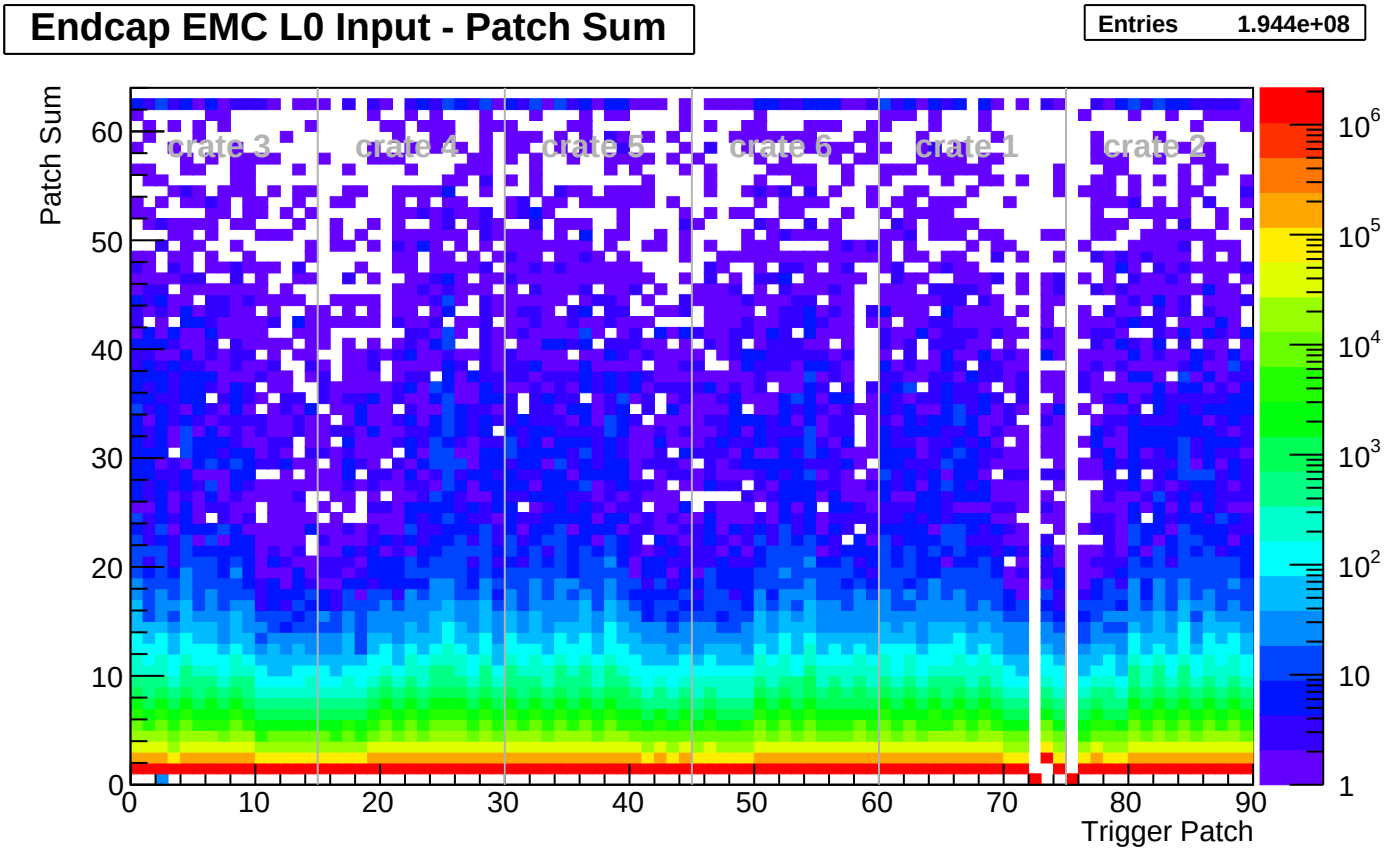
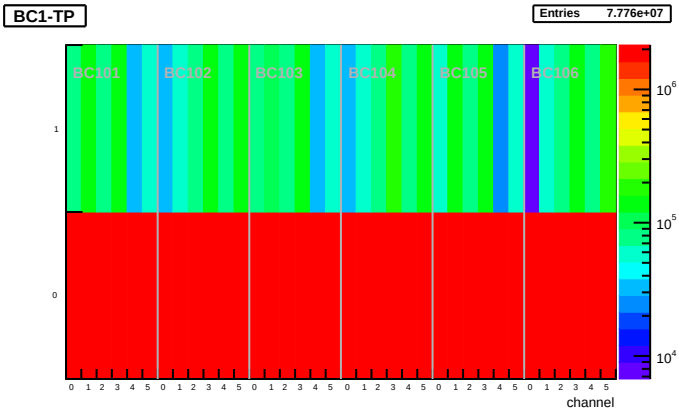
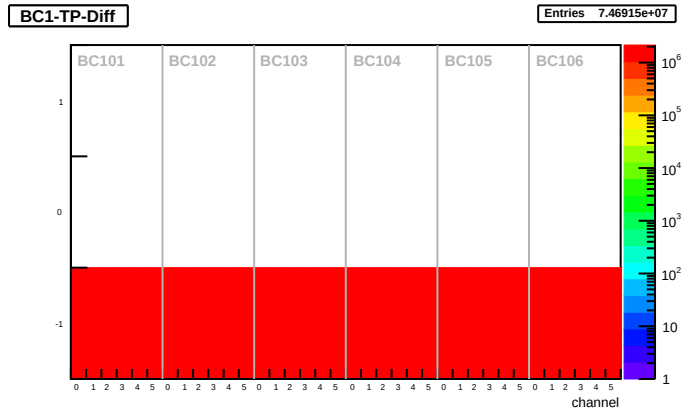

Barrel EMC L0 Input - High Tower
Entries 6.48e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

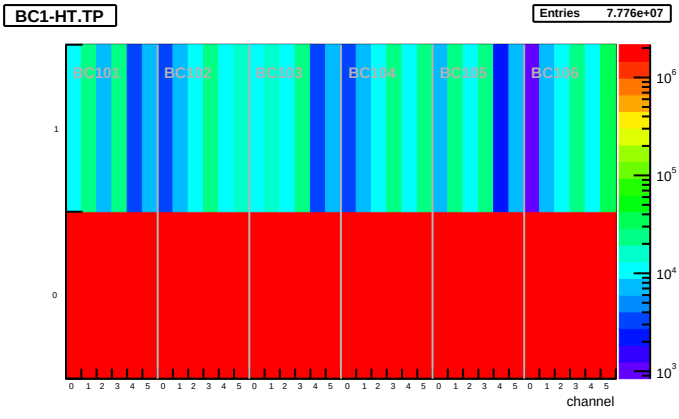

Barrel EMC L0 Input - Patch Sum
Entries 6.48e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

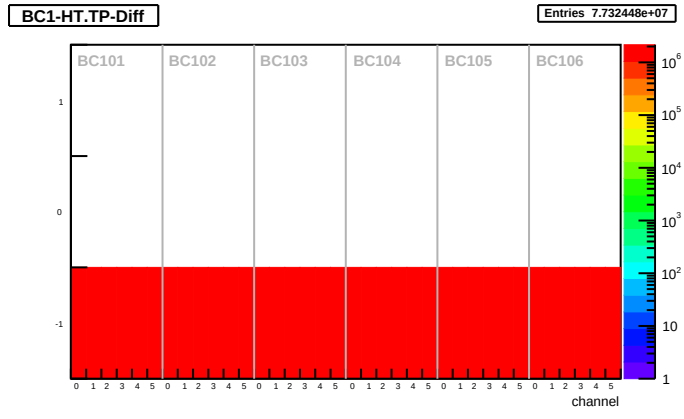

Endcap EMC L0 Input - High Tower
Entries 1.944e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

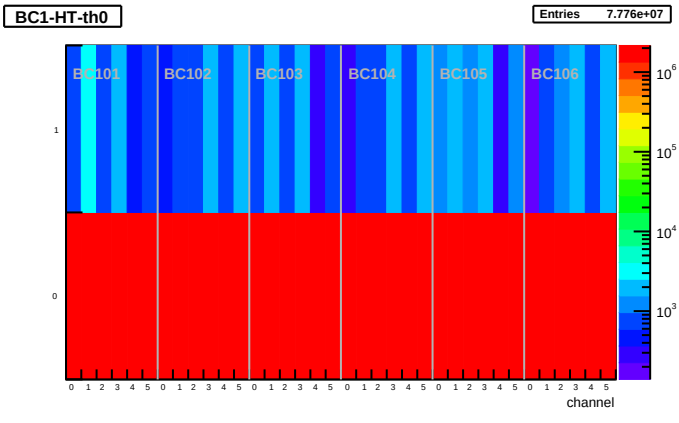

Endcap EMC L0 Input - Patch Sum
Entries 1.944e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

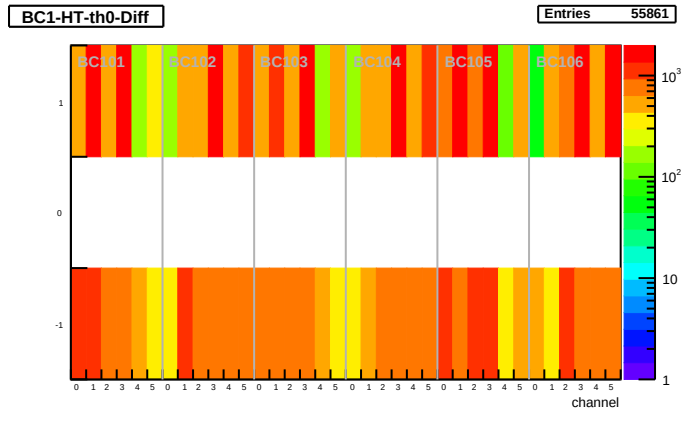

BC1-TP
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

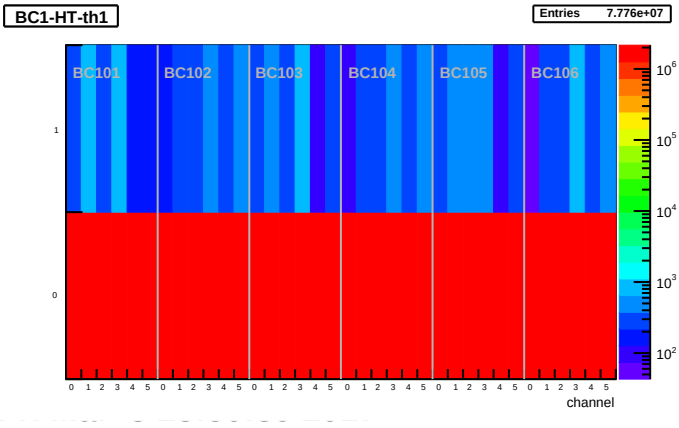

BC1-TP-Diff
Entries 7.46915e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

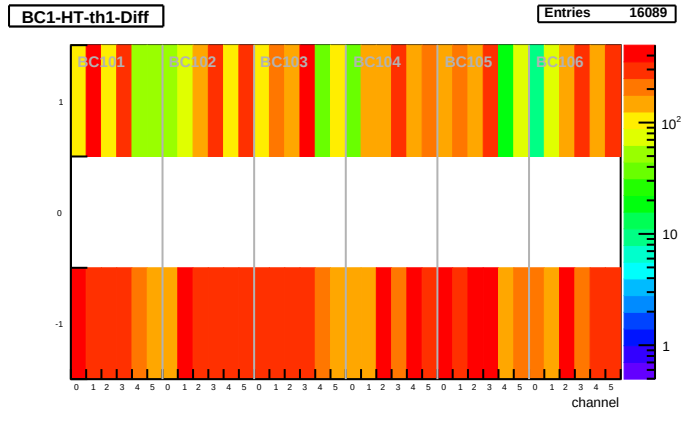

BC1-HT.TP
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

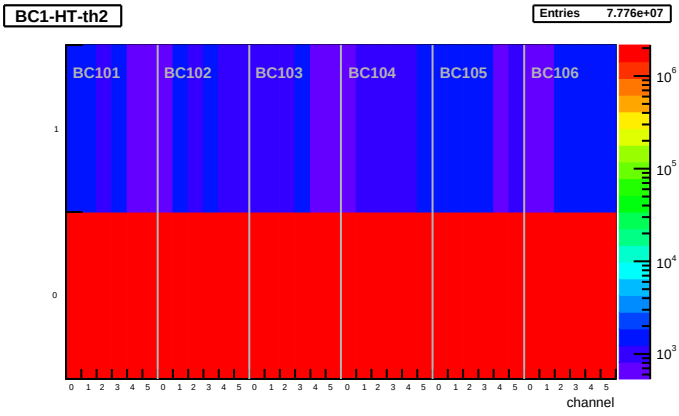

BC1-HT.TP-Diff
Entries 7.732448e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

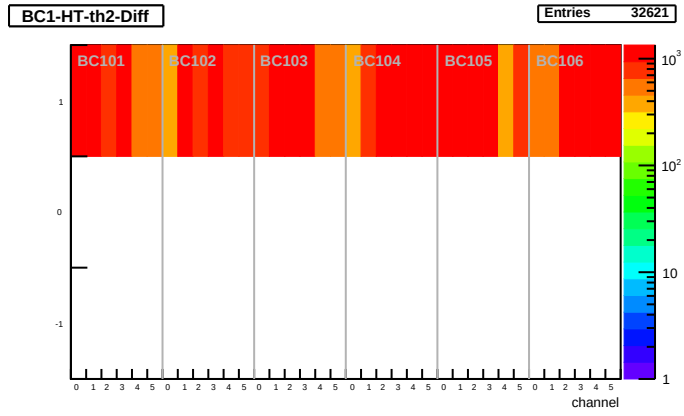

BC1-HT-th0
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

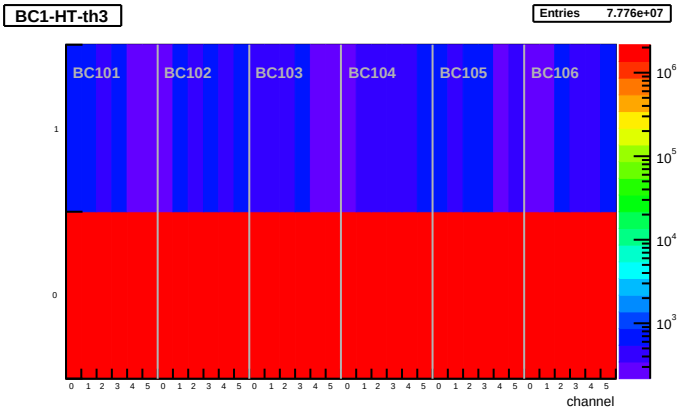

BC1-HT-th0-Diff
Entries 55861
BC101
BC102
BC103
BC104
BC105
BC106
channel

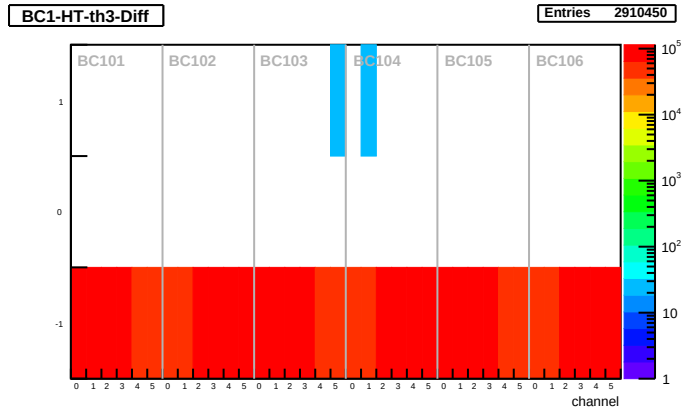

BC1-HT-th1
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

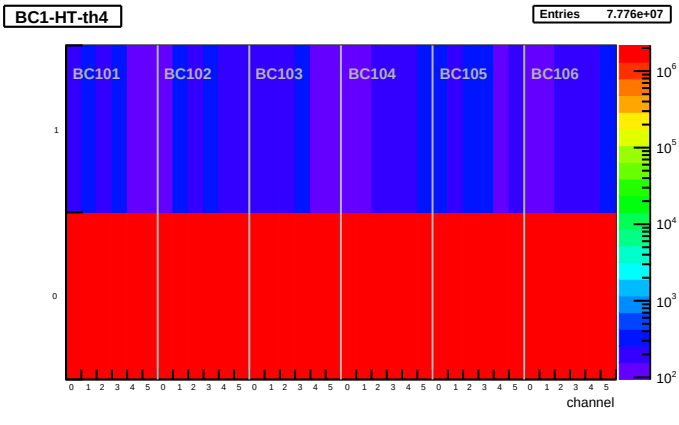

BC1-HT-th1-Diff
Entries 16089
BC101
BC102
BC103
BC104
BC105
BC106
channel

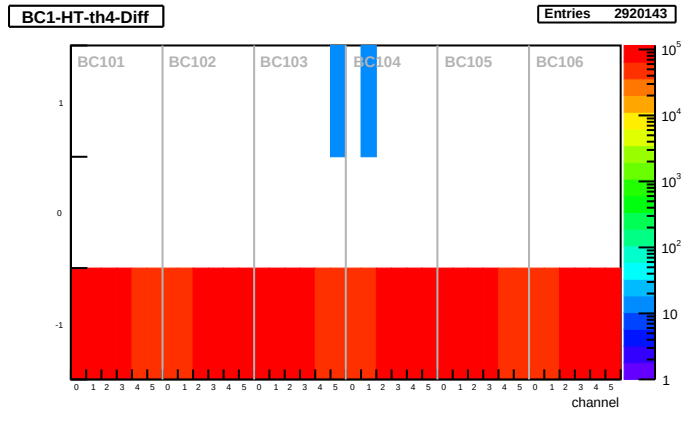

BC1-HT-th2
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

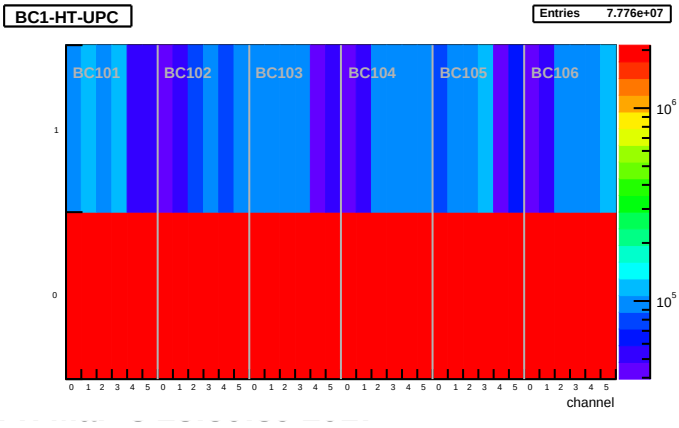

BC1-HT-th2-Diff
Entries 32621
BC101
BC102
BC103
BC104
BC105
BC106
channel

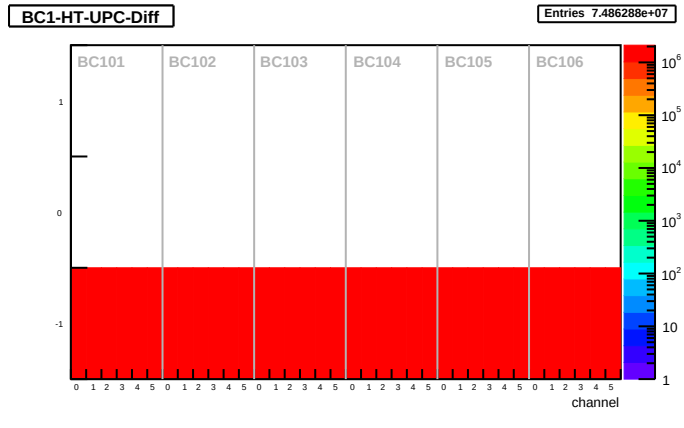

BC1-HT-th3
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

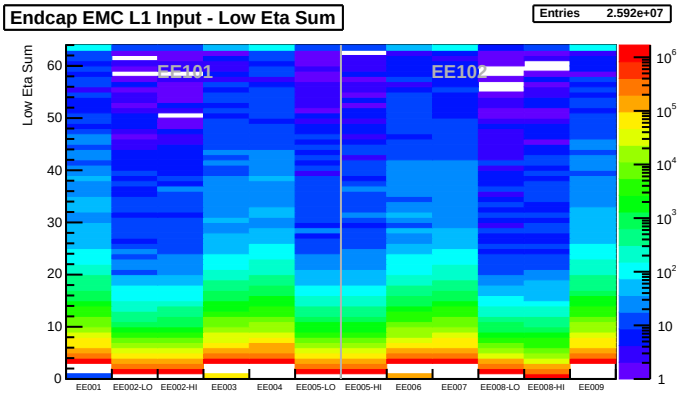

BC1-HT-th3-Diff
Entries 2910450
BC101
BC102
BC103
BC104
BC105
BC106
channel

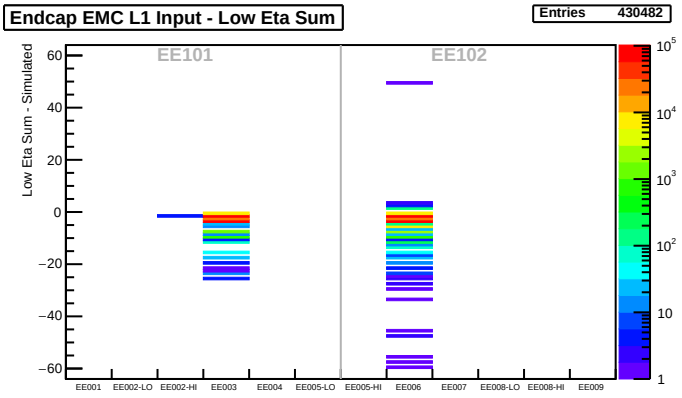

BC1-HT-th4
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

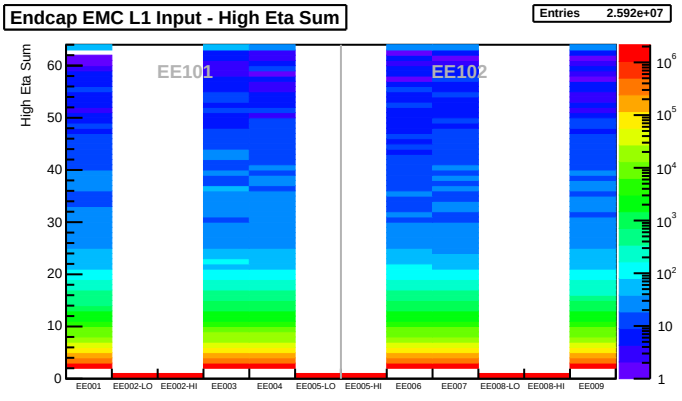

BC1-HT-th4-Diff
Entries 2920143
BC101
BC102
BC103
BC104
BC105
BC106
channel

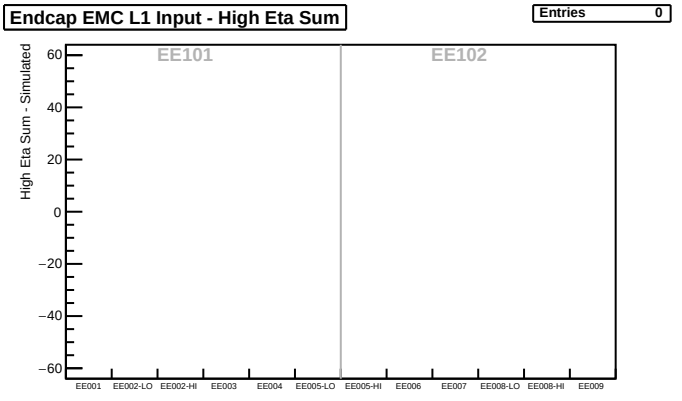

BC1-HT-UPC
Entries 7.776e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

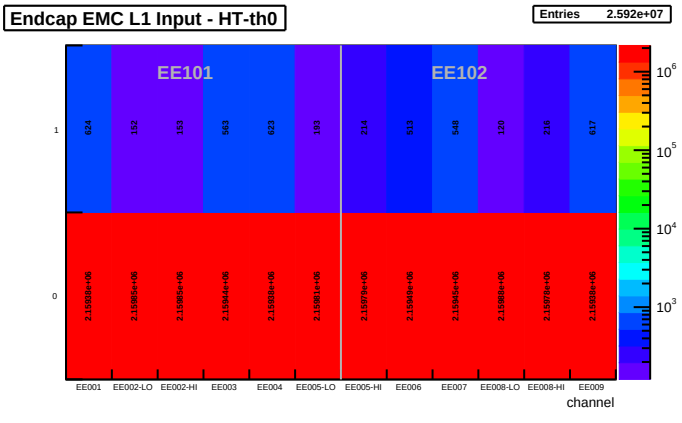

BC1-HT-UPC-Diff
Entries 7.486288e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

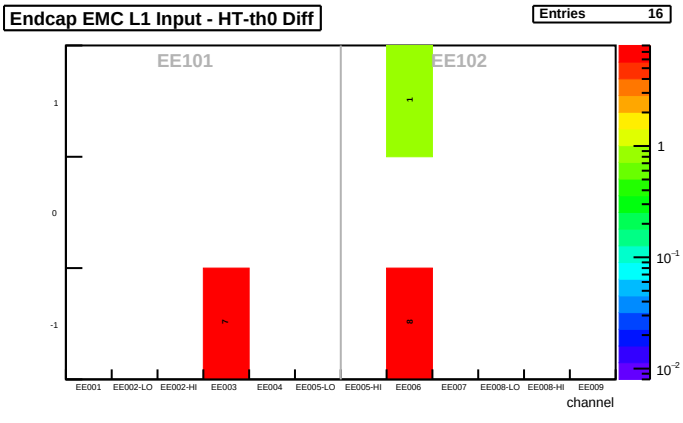

Endcap EMC L1 Input - Low Eta Sum
Entries 2.592e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

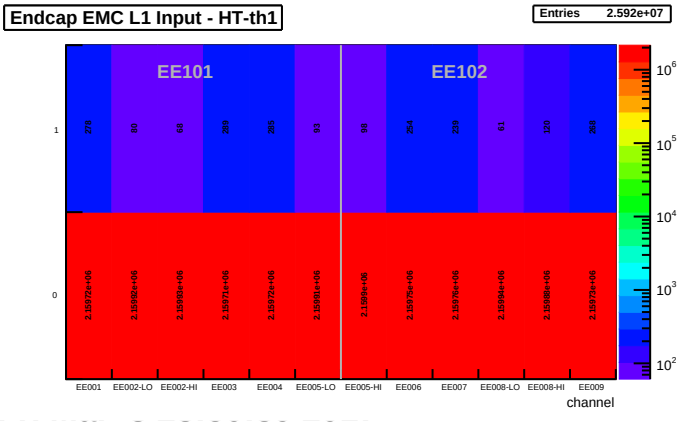

Endcap EMC L1 Input - Low Eta Sum
Entries 430482
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

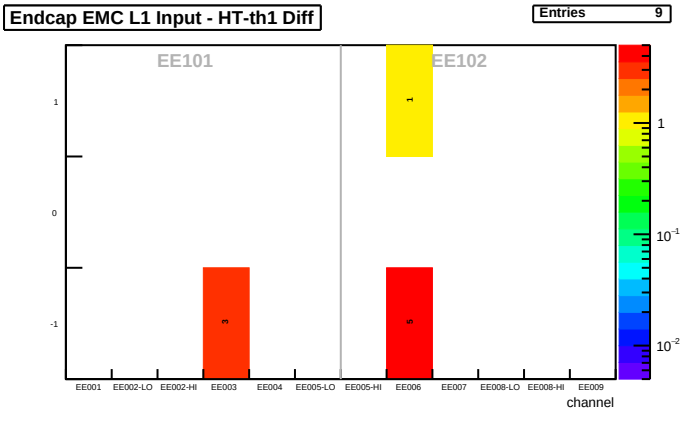

Endcap EMC L1 Input - High Eta Sum
Entries 2.592e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

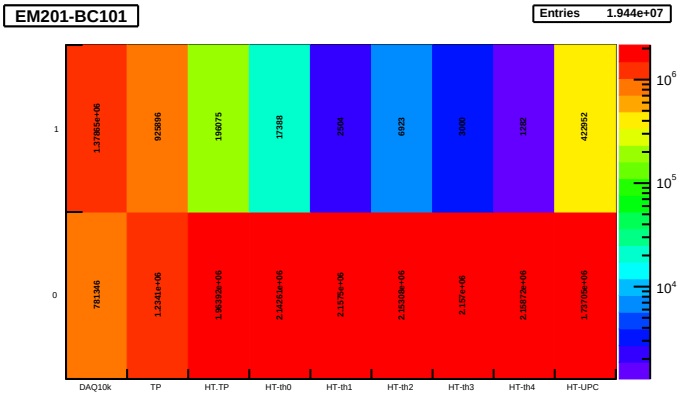

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

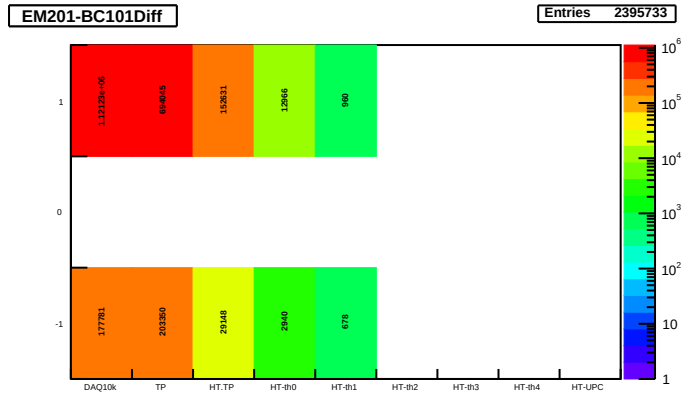

Endcap EMC L1 Input - HT-th0
Entries 2.592e+07
EE101
EE102
624 152 153 563 623 193 214 513 548 120 216 617
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

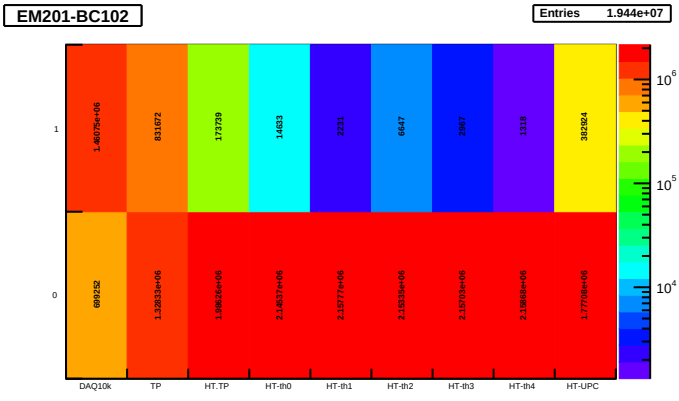

Endcap EMC L1 Input - HT-th0 Diff
Entries 16
EE101
EE102
1
7
8
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

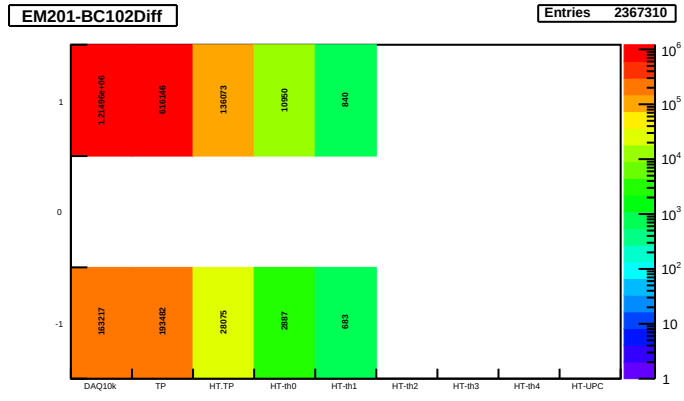

Endcap EMC L1 Input - HT-th1
Entries 2.592e+07
EE101
EE102
278 90 68 289 285 93 86 254 239 61 120 283
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

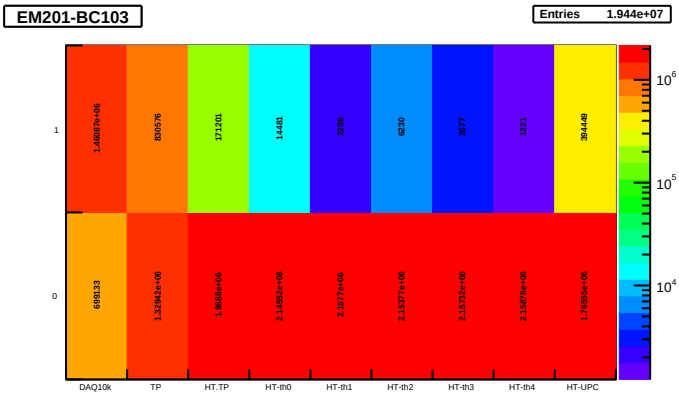

Endcap EMC L1 Input - HT-th1 Diff
Entries 9
EE101
EE102
1
3
5
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

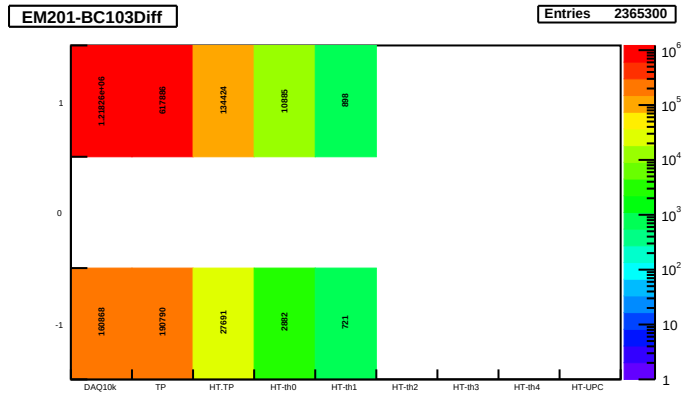

EM201-BC101
Entries 1.944e+07
1.37852e+06
929896
196075
17388
2504
6923
3000
1232
422952
781346
1.23416e+06
1.93392e+06
2.14263e+06
2.13576e+06
2.15308e+06
2.157e+06
2.15872e+06
1.72705e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

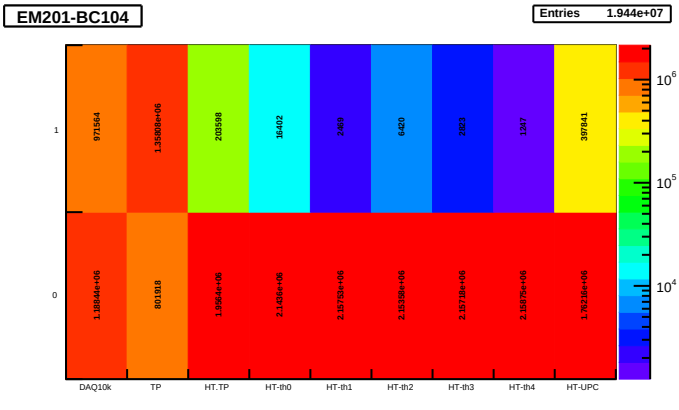

EM201-BC101Diff
Entries 2395733
1.121129e+06
694045
153831
12966
960
177781
203360
29148
2940
678
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

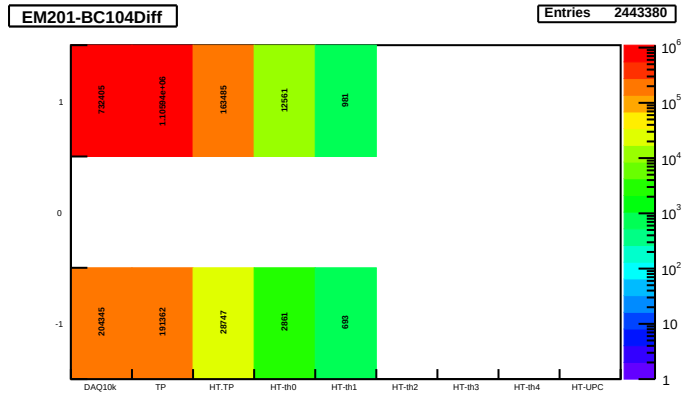

EM201-BC102
Entries 1.944e+07
1.46075e+06
831672
173739
14633
2231
6647
2367
1318
382924
689252
1.32833e+06
1.98826e+06
2.14537e+06
2.15777e+06
2.15335e+06
2.15703e+06
2.15868e+06
1.77708e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2367310
1.21496e+06
616146
136073
15950
840
163217
193482
28075
2887
683
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

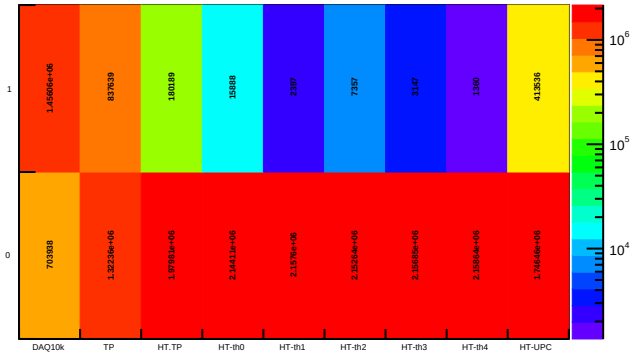

EM201-BC103
Entries 1.944e+07
1.46987e+06
830576
171201
14481
2238
6230
2677
1221
394449
699133
1.32942e+06
1.9838e+06
2.14952e+06
2.1577e+06
2.15377e+06
2.15732e+06
2.15878e+06
1.76555e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2365300
1.21824e+06
617888
134424
10385
898
160868
190790
27691
2882
721
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

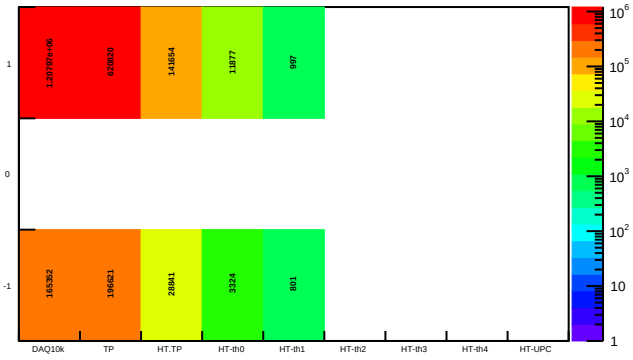

EM201-BC104
Entries 1.944e+07
971564
1.35808e+06
203598
16402
2469
6420
2823
1287
397641
1.18344e+06
801918
1.9364e+06
2.14364e+06
2.15763e+06
2.15388e+06
2.15718e+06
2.15875e+06
1.78216e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2443380
732405
1.10594e+06
162485
12561
981
204545
191362
28747
2861
693
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

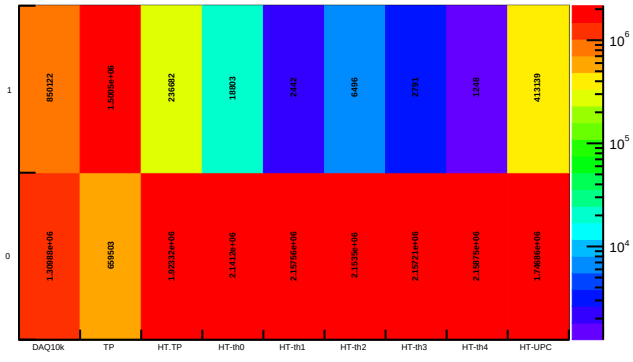
**EM201-BC105** Entries 1.944e+07



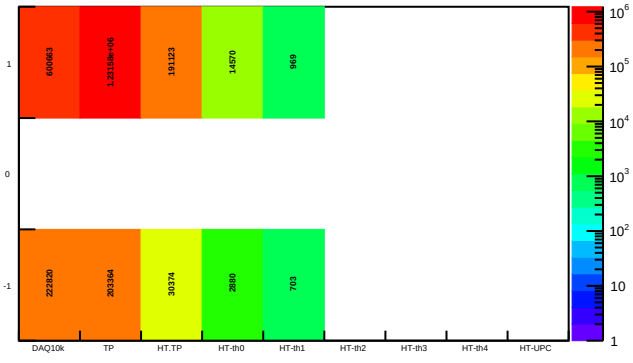

**EM201-BC105Diff** Entries 2378261



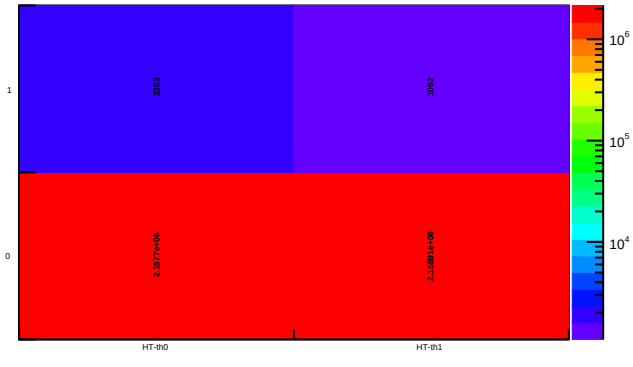

**EM201-BC106** Entries 1.944e+07



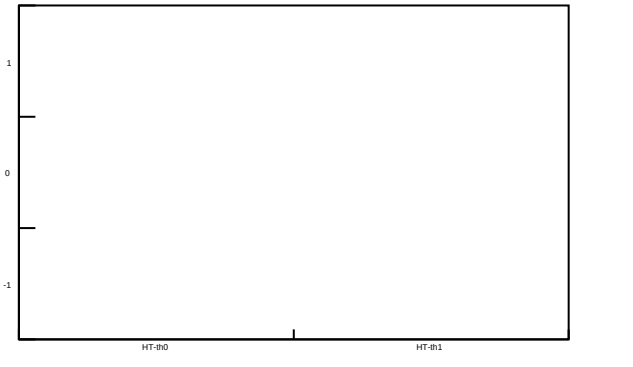

**EM201-BC106Diff** Entries 2499048



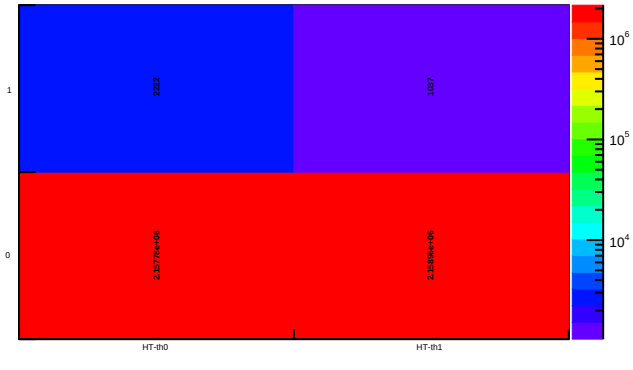

**EM201-EE101** Entries 4320000



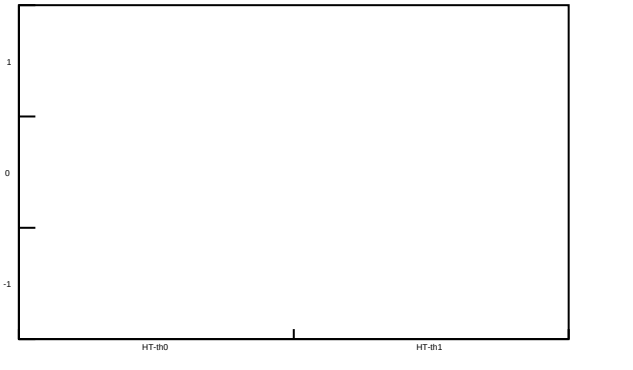

**EM201-EE101Diff** Entries 0

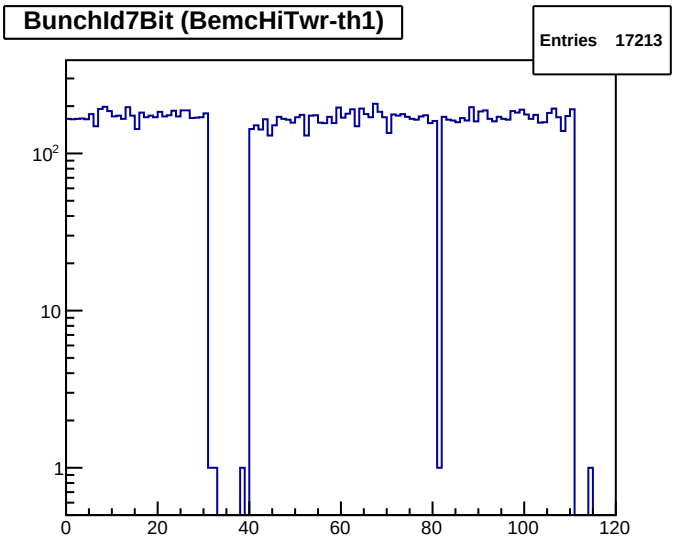


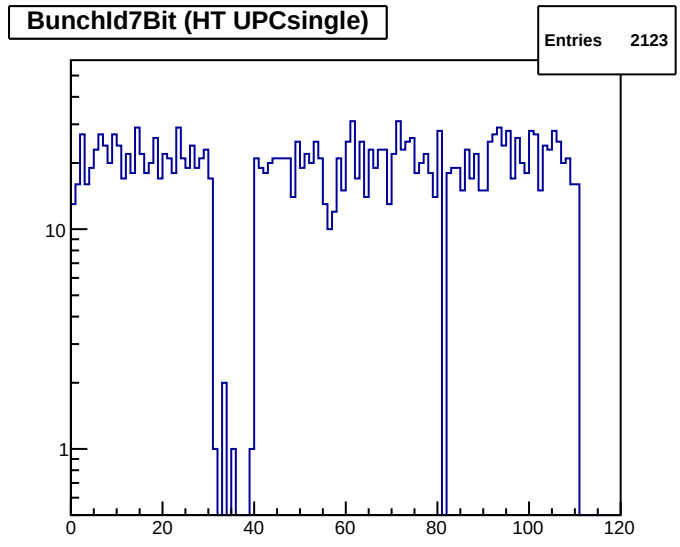

**EM201-EE102** Entries 4320000

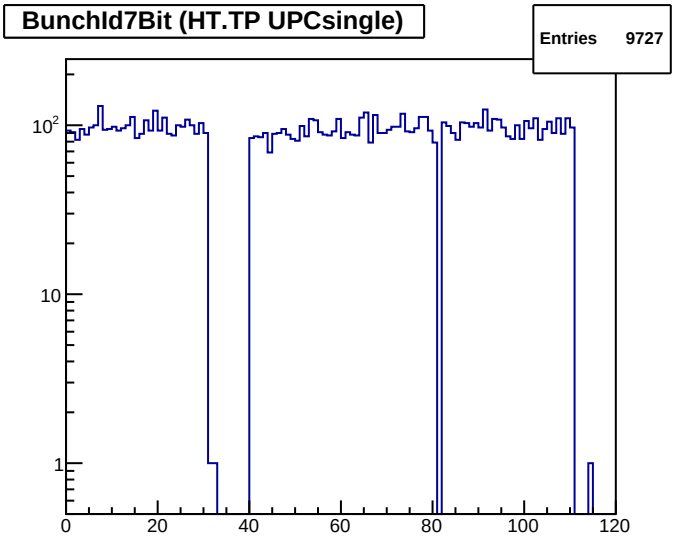


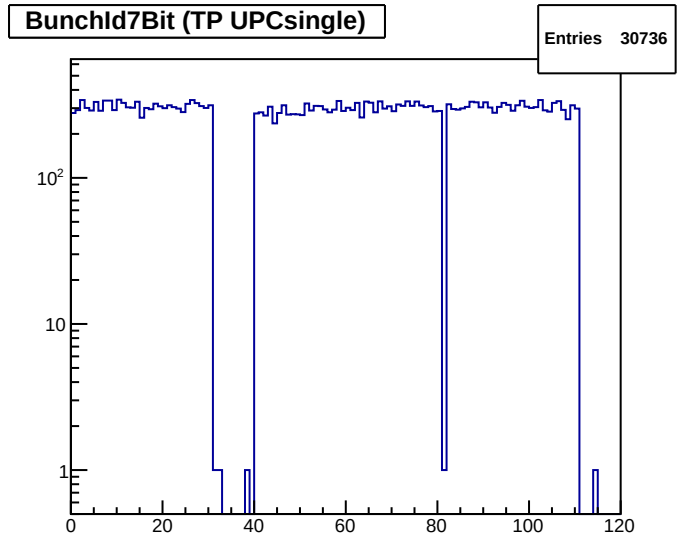

**EM201-EE102Diff** Entries 0

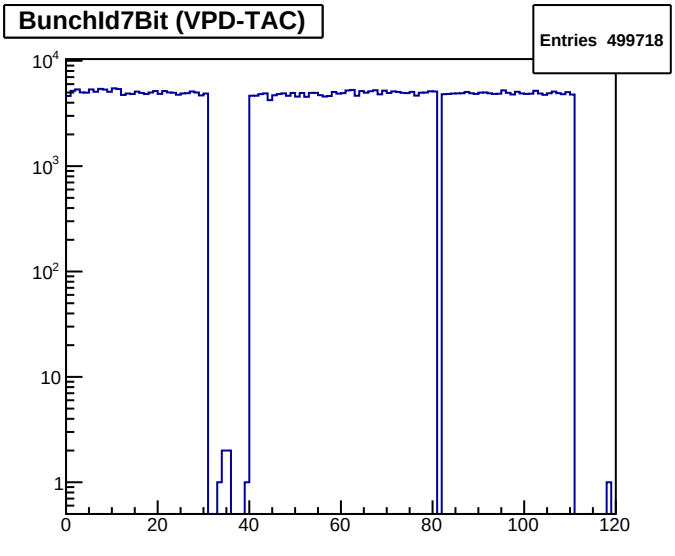


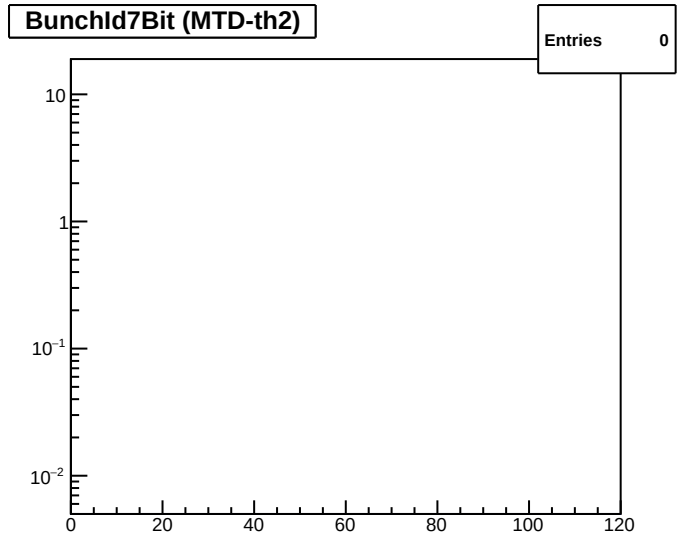

BunchId7Bit (BemcHiTwr-th1)
Entries 17213

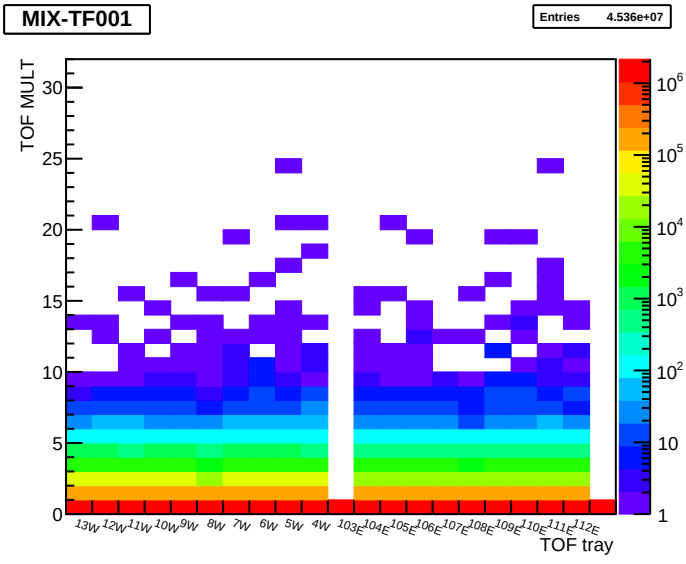

BunchId7Bit (HT UPCsingle)
Entries 2123

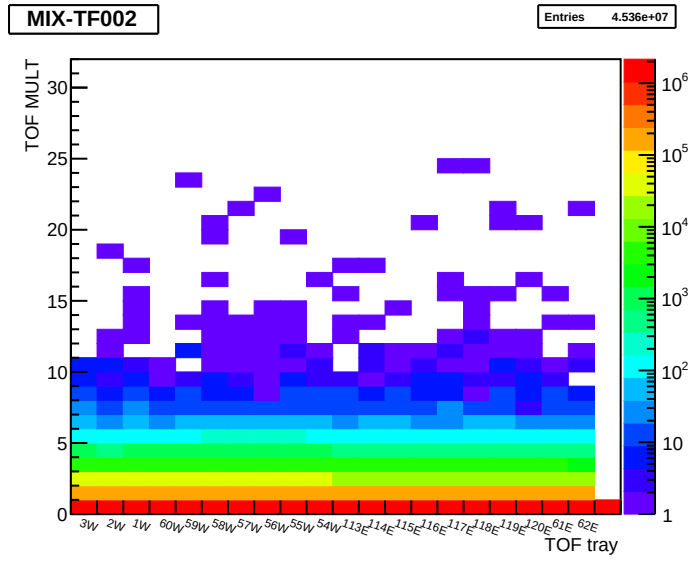

BunchId7Bit (HT.TP UPCsingle)
Entries 9727

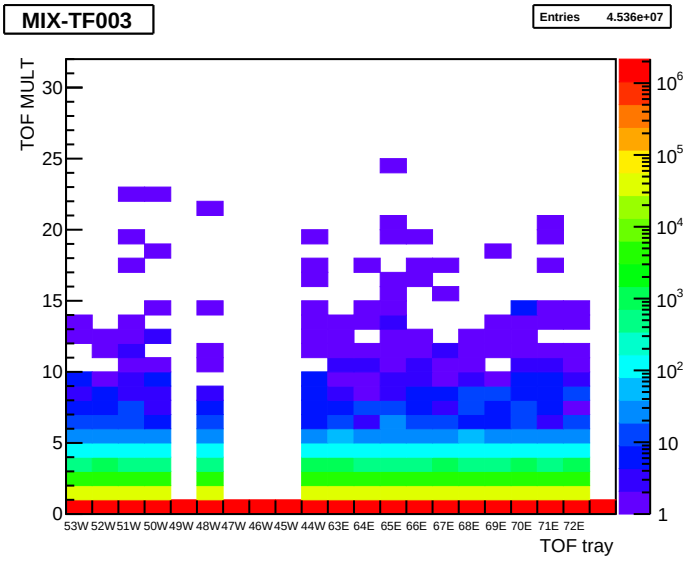

BunchId7Bit (TP UPCsingle)
Entries 30736

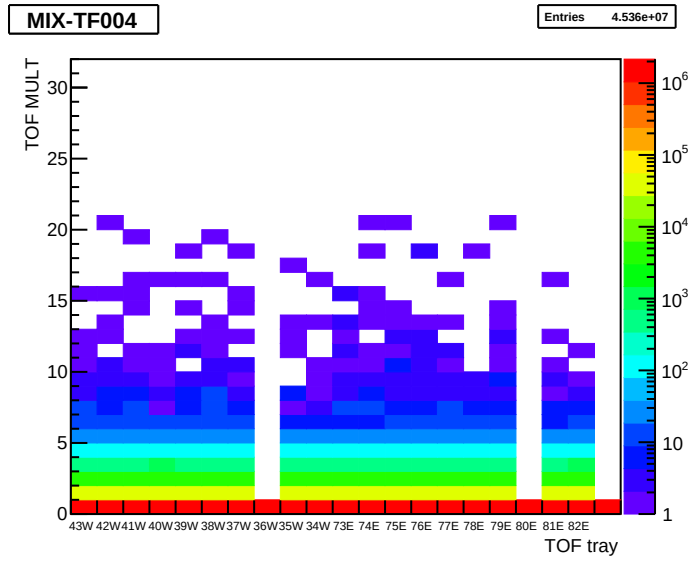

BunchId7Bit (VPD-TAC)
Entries 499718

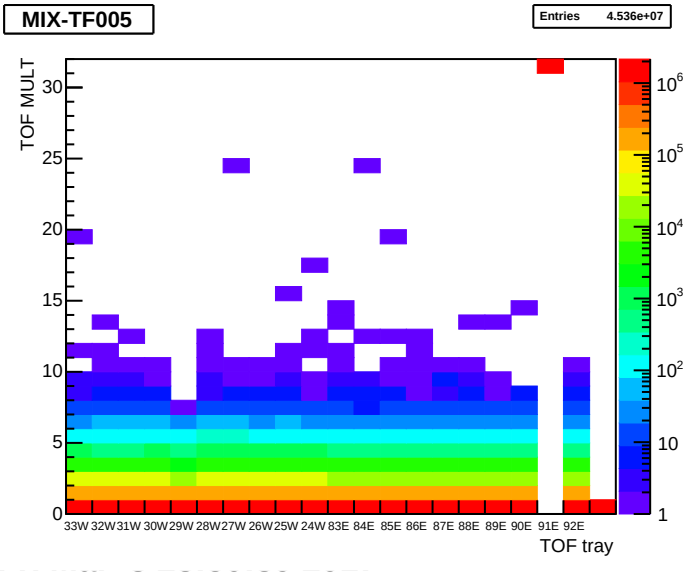

BunchId7Bit (MTD-th2)
Entries 0

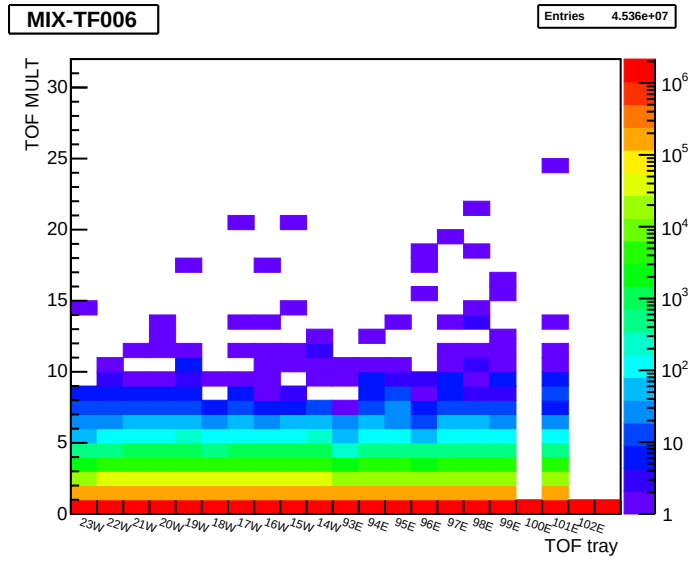

MIX-TF001
Entries 4.536e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

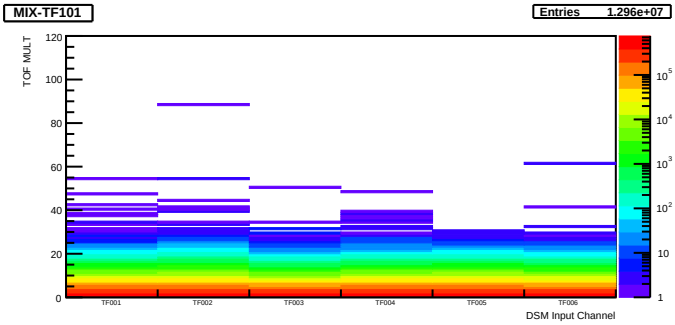

MIX-TF002
Entries 4.536e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

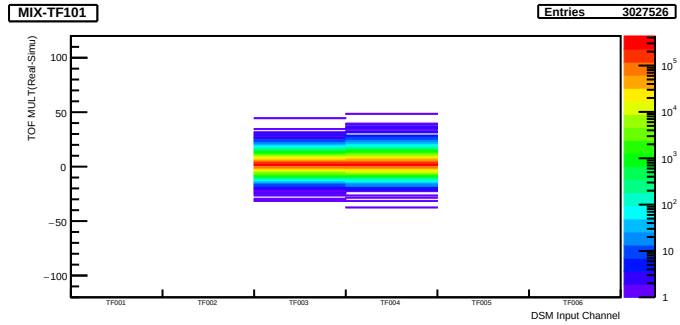

MIX-TF003
Entries 4.536e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

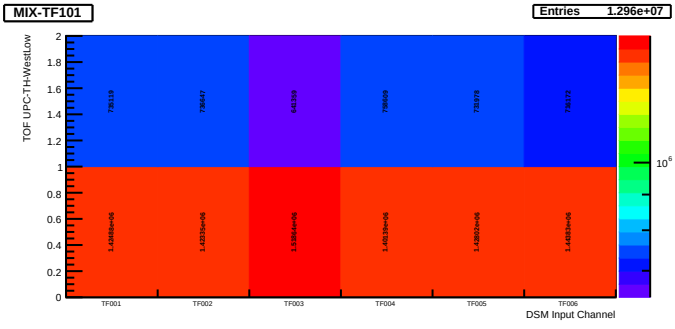

MIX-TF004
Entries 4.536e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

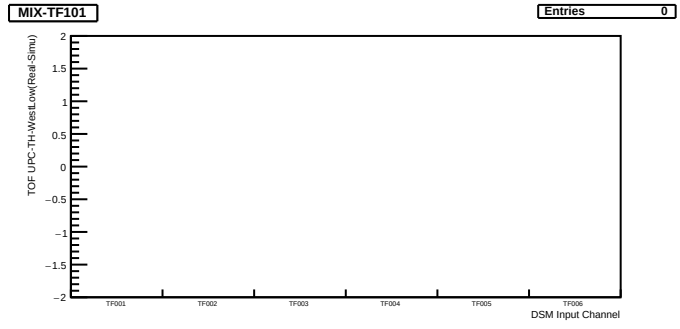

MIX-TF005
Entries 4.536e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

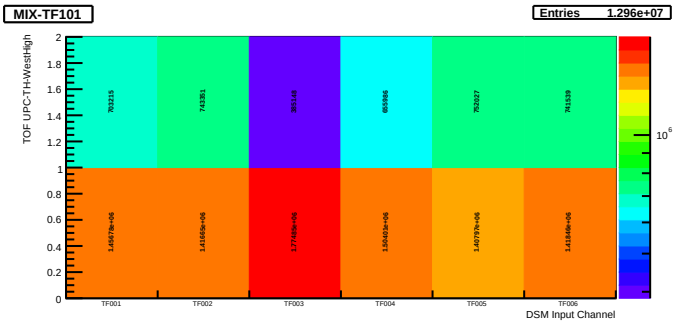

MIX-TF006
Entries 4.536e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

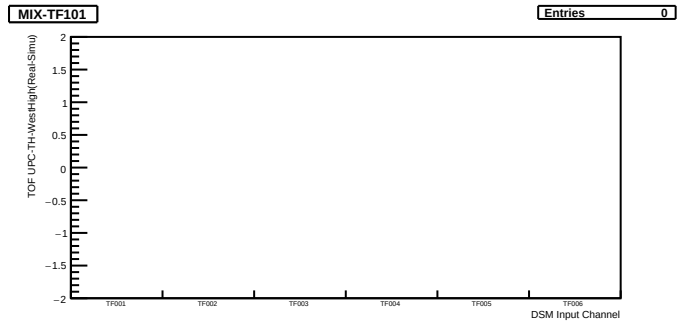

MIX-TF101
Entries 1.296e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

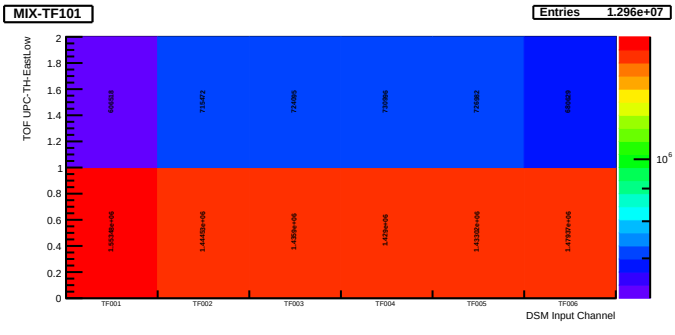

MIX-TF101
Entries 3027526
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

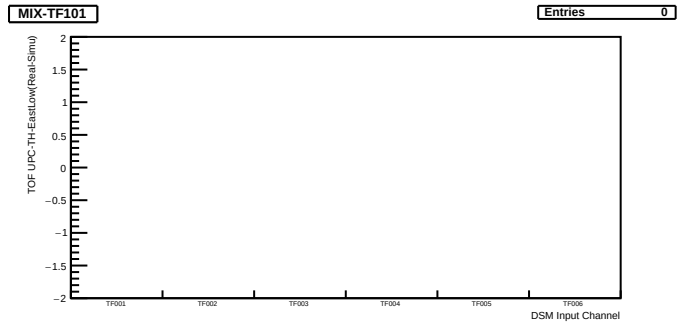

MIX-TF101
Entries 1.296e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

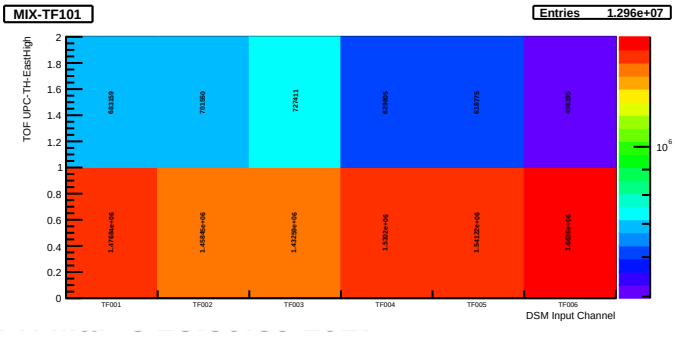

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

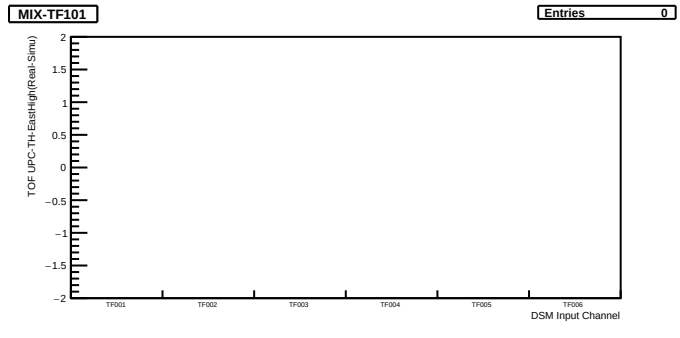

MIX-TF101
Entries 1.296e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

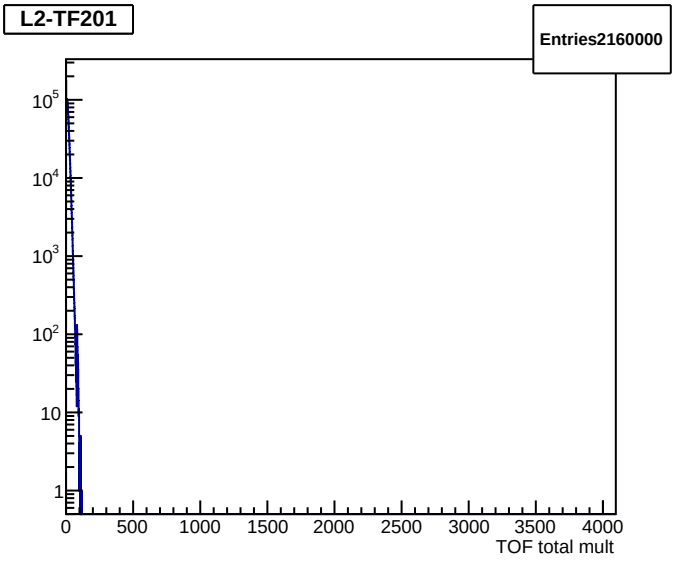

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

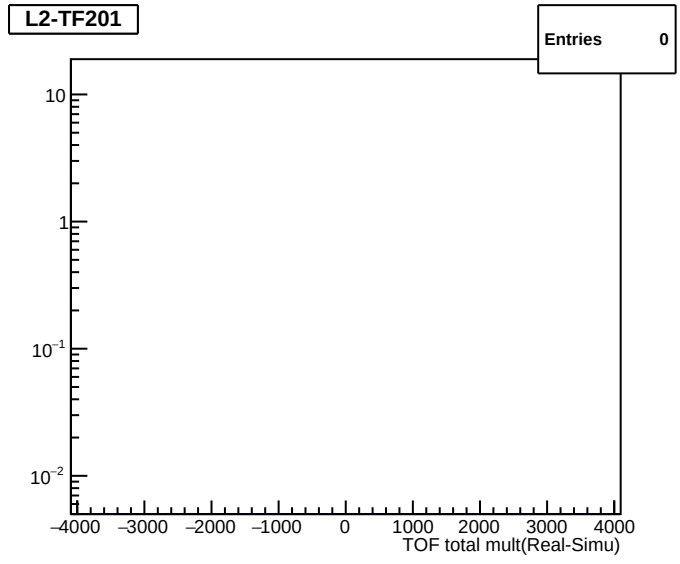

MIX-TF101
Entries 1.296e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

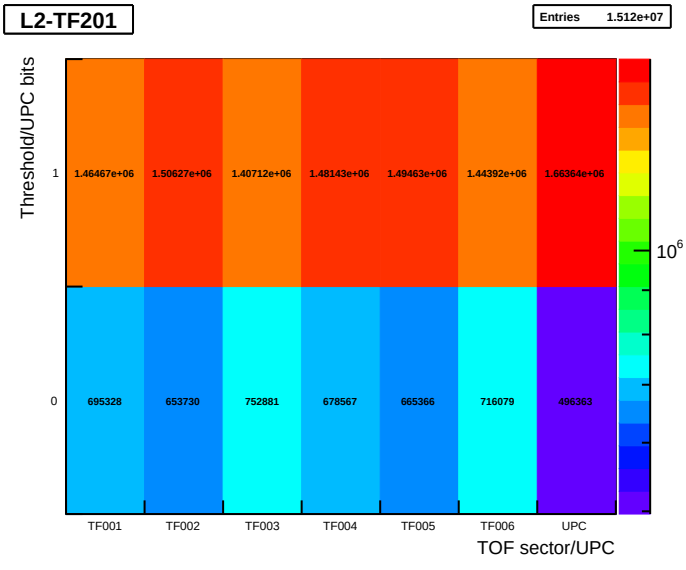

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

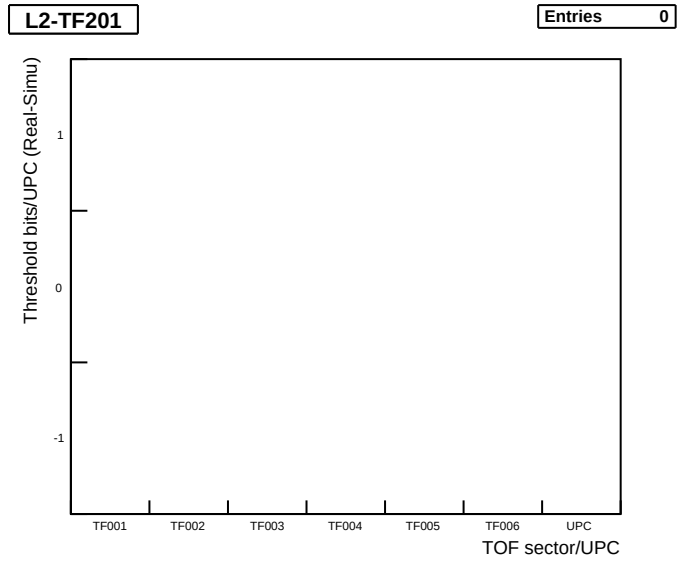

MIX-TF101
Entries 1.296e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

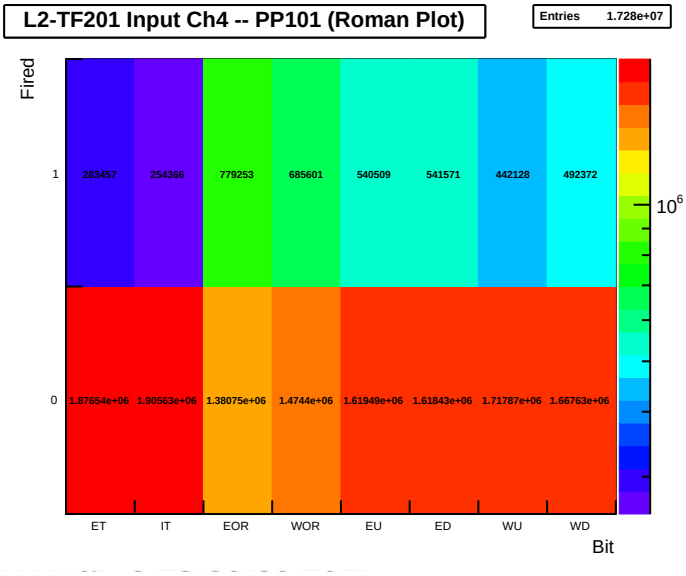

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

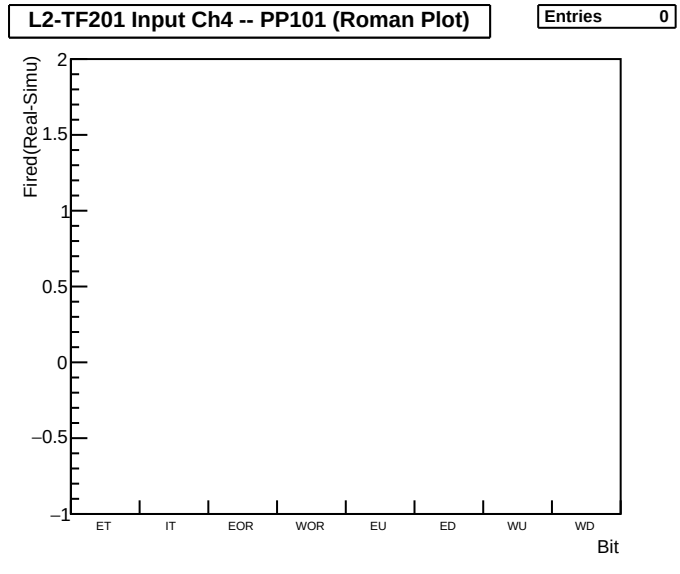

L2-TF201
Entries2160000
TOF total mult

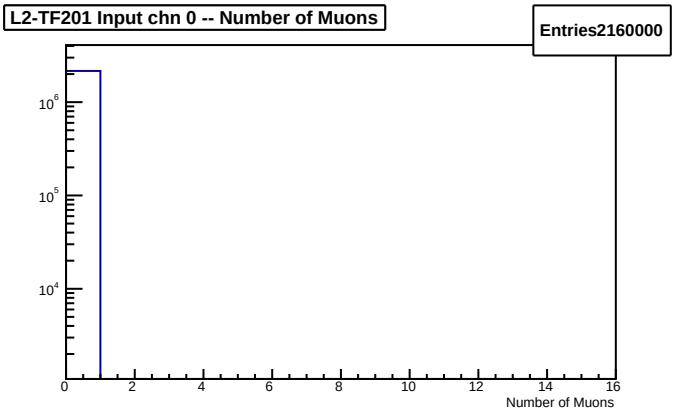

L2-TF201
Entries 0
TOF total mult(Real-Simu)

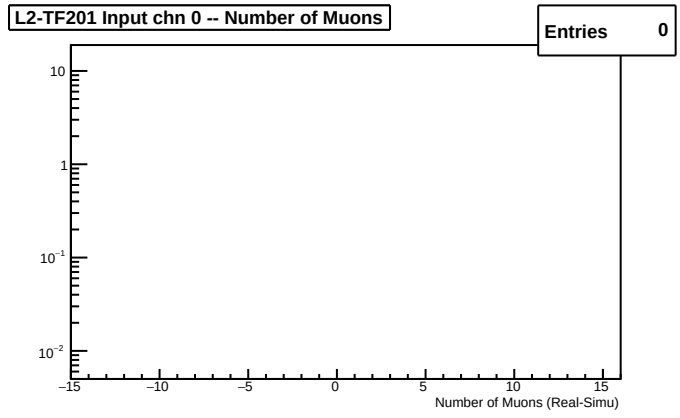

L2-TF201
Entries 1.512e+07
Threshold/UPC bits
1.46467e+06
1.50627e+06
1.40712e+06
1.48143e+06
1.49463e+06
1.44392e+06
1.66364e+06
695328
653730
752881
678567
665366
716079
496363
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

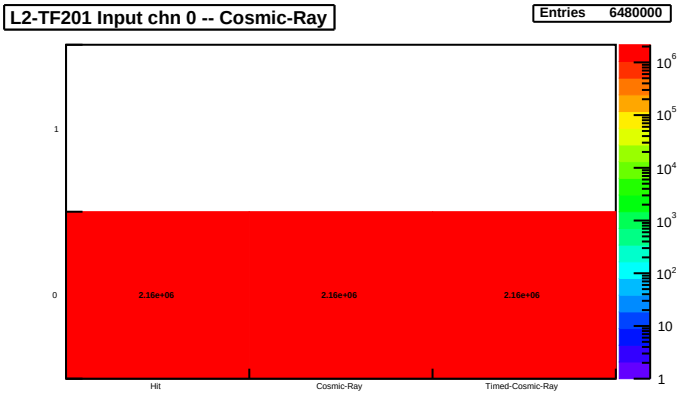

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

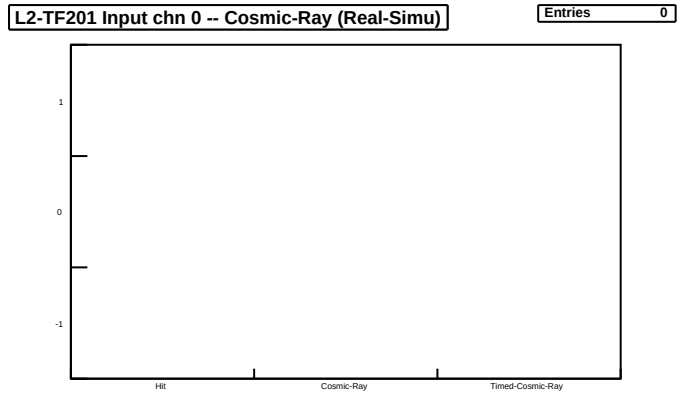

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.728e+07
Fired
283457
254366
779253
685601
540509
541571
442128
492372
1.87654e+06
1.90563e+06
1.38075e+06
1.4744e+06
1.61949e+06
1.61843e+06
1.71787e+06
1.66763e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

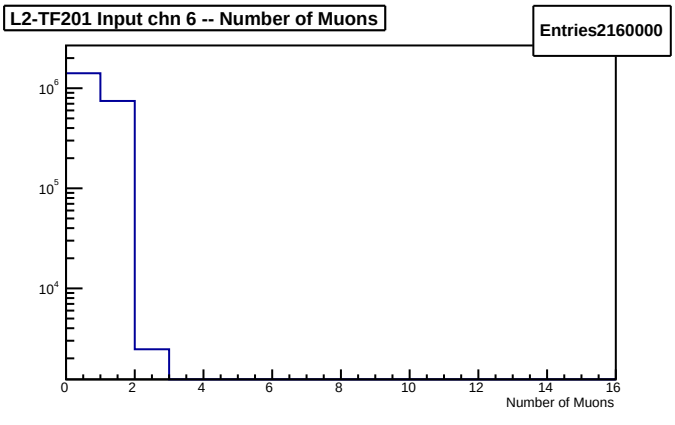

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

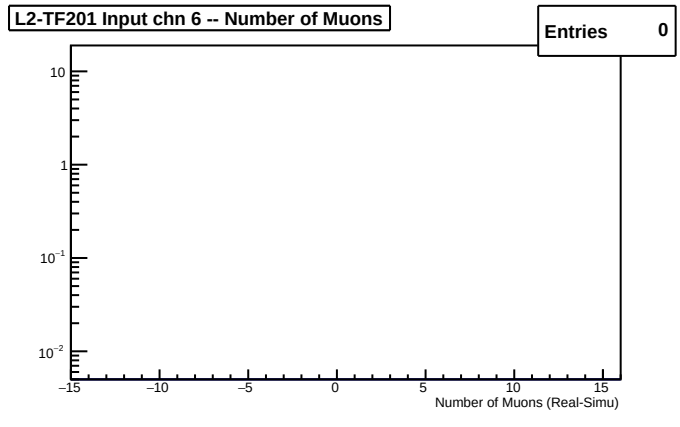

L2-TF201 Input chn 0 -- Number of Muons
Entries2160000
Number of Muons

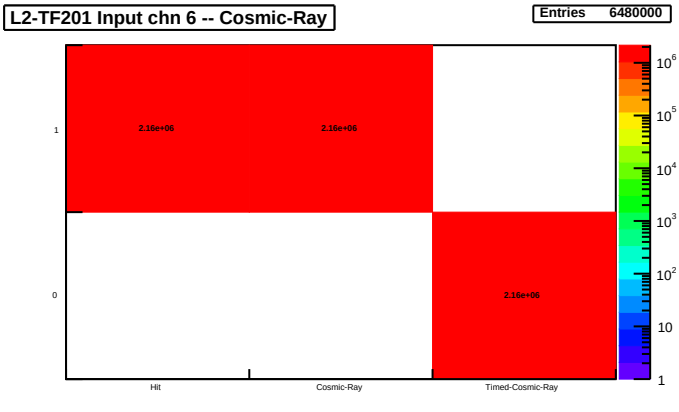

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

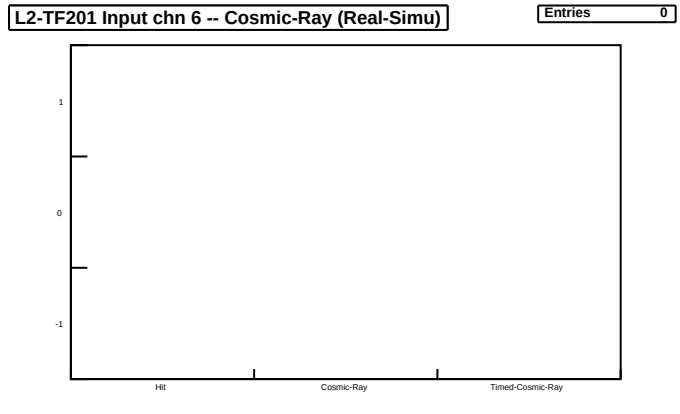

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6480000
2.16e+06
2.16e+06
2.16e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

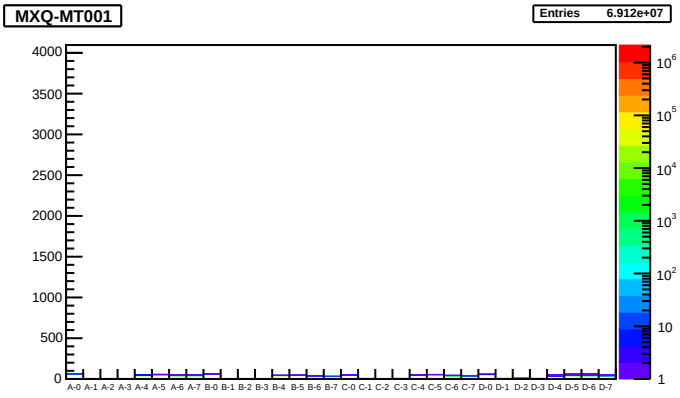

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

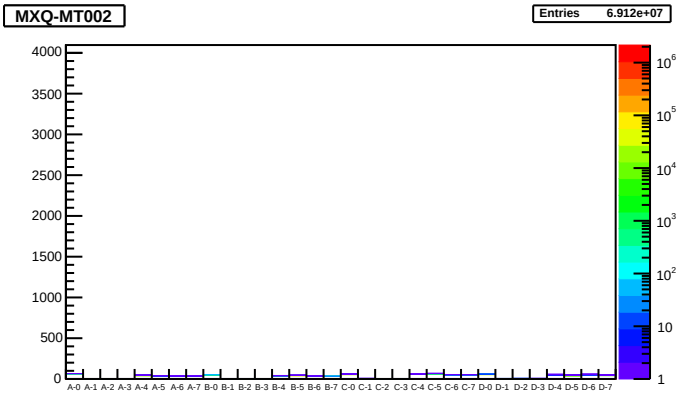

L2-TF201 Input chn 6 -- Number of Muons
Entries2160000
Number of Muons

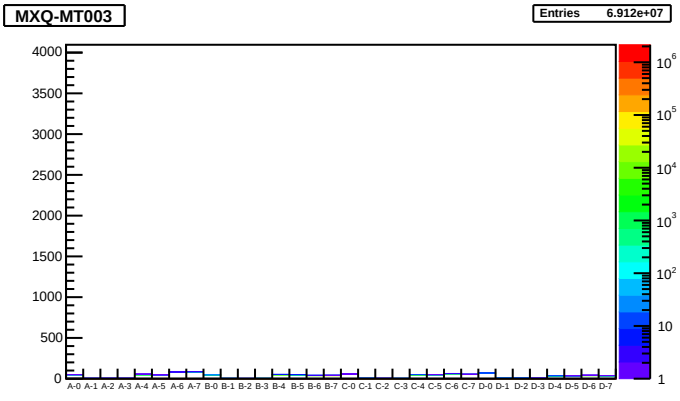

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

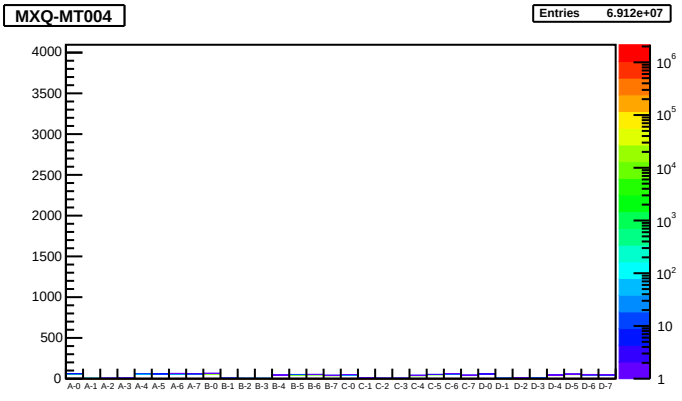

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6480000
2.16e+06
2.16e+06
2.16e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

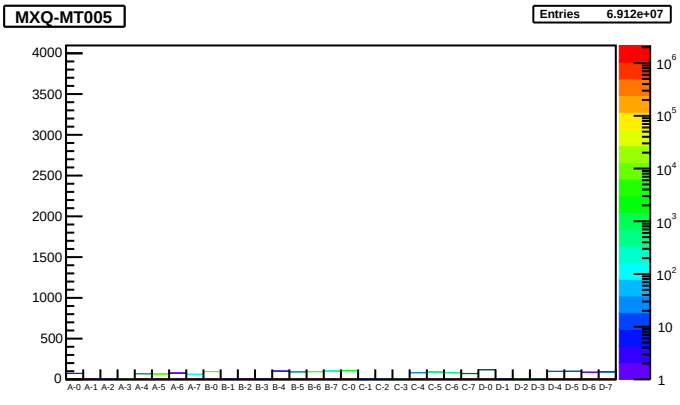

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

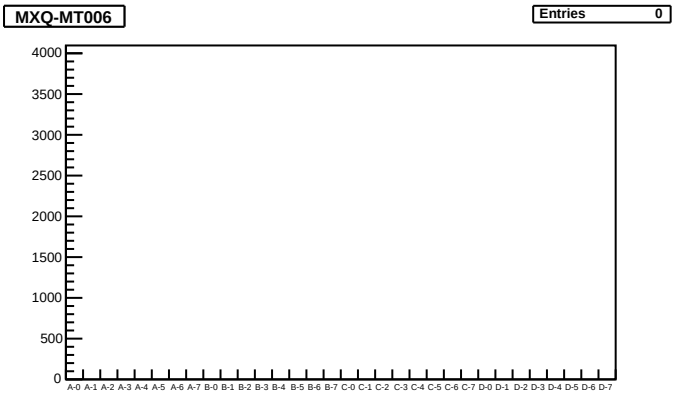

MXQ-MT001
Entries 6.912e+07

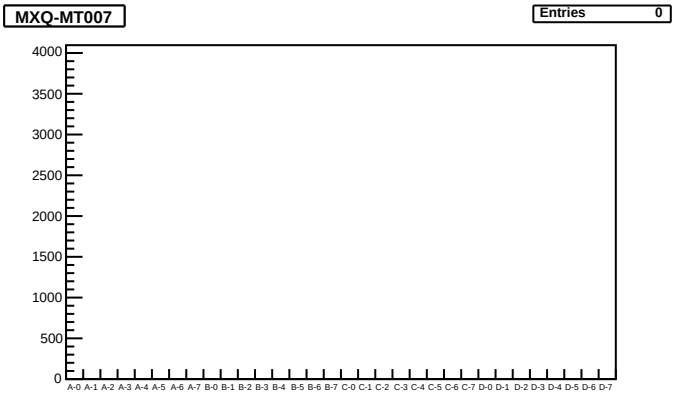

MXQ-MT002
Entries 6.912e+07

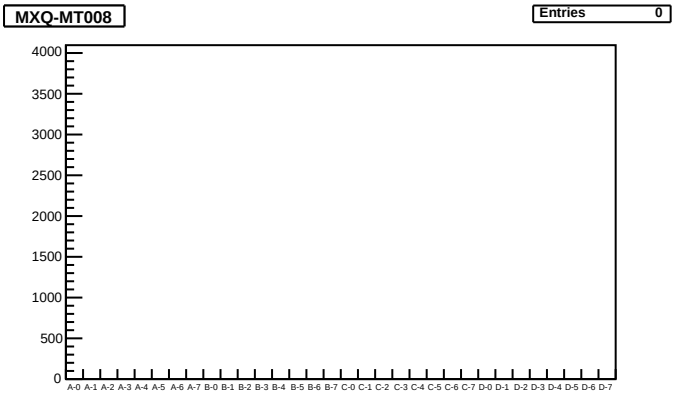

MXQ-MT003
Entries 6.912e+07

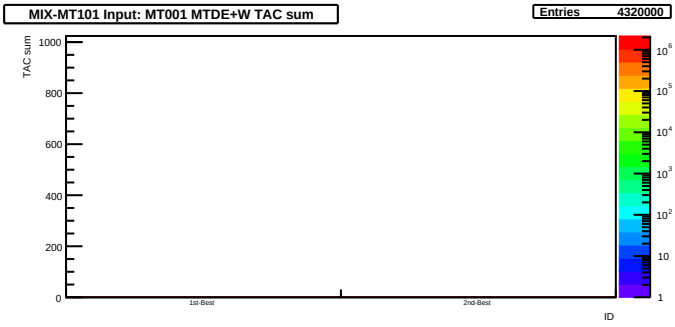

MXQ-MT004
Entries 6.912e+07

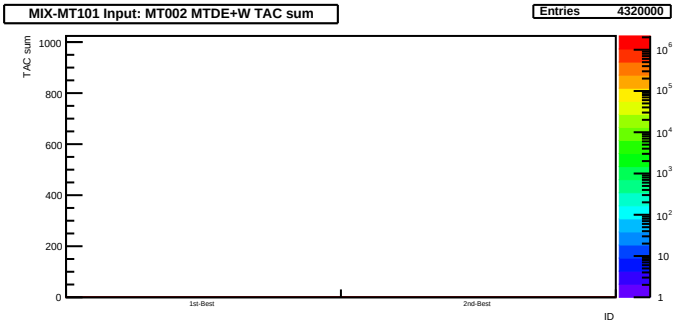

MXQ-MT005
Entries 6.912e+07

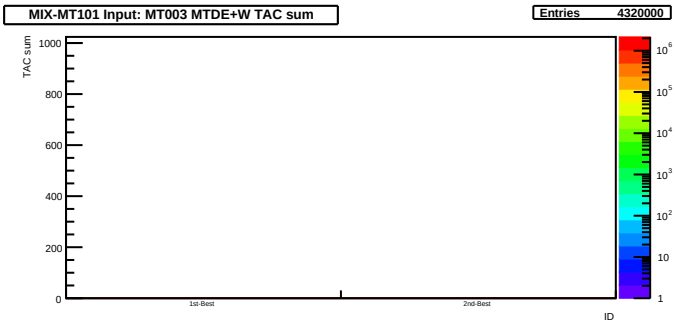

MXQ-MT006
Entries 0

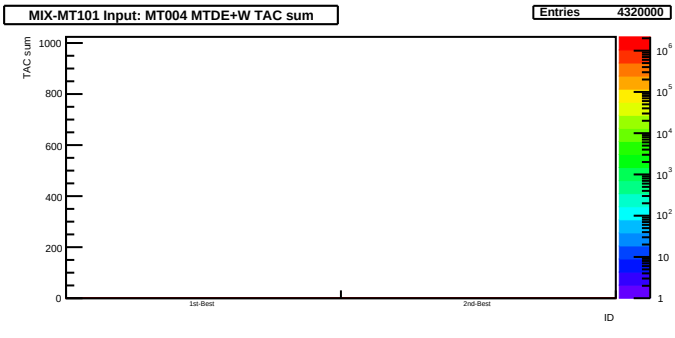

MXQ-MT007
Entries 0

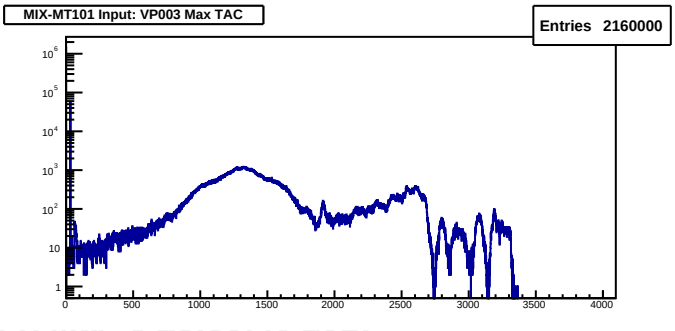

MXQ-MT008
Entries 0

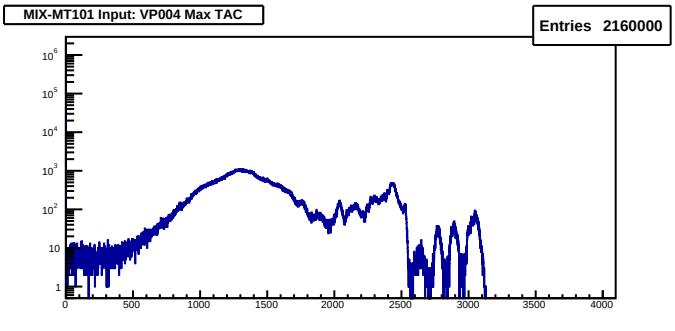

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

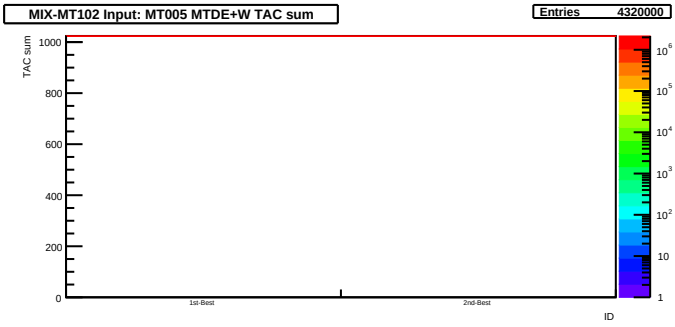

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

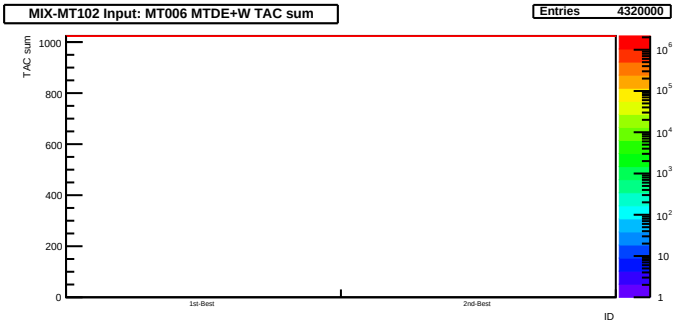

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

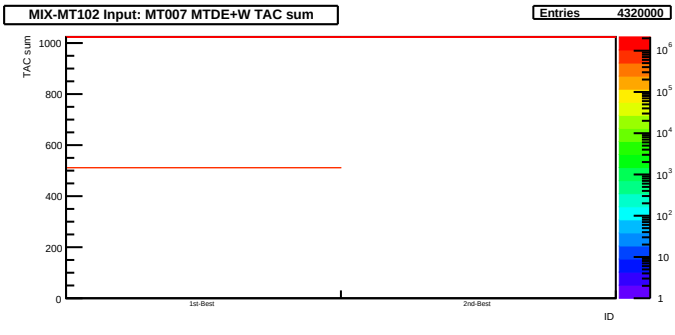

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

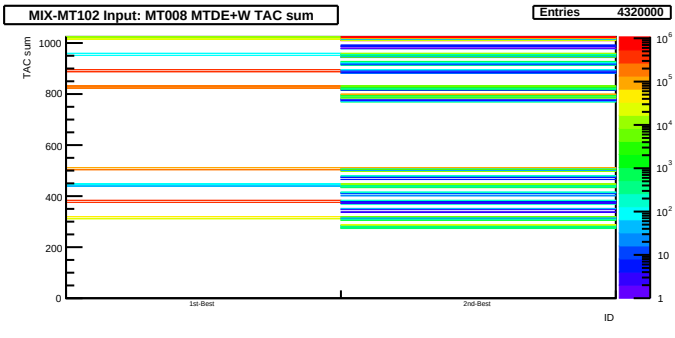

MIX-MT101 Input: VP003 Max TAC
Entries 2160000

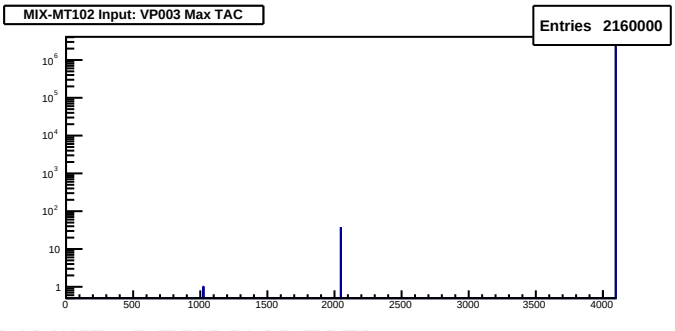

MIX-MT101 Input: VP004 Max TAC
Entries 2160000

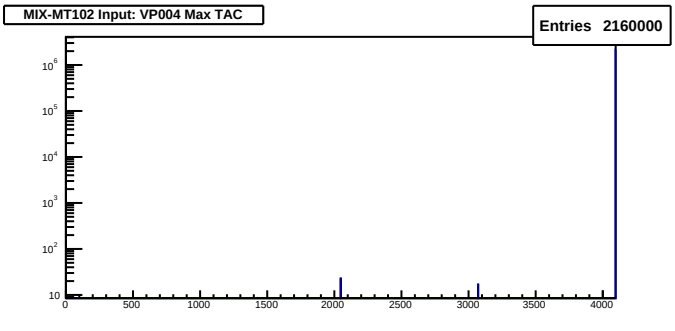

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

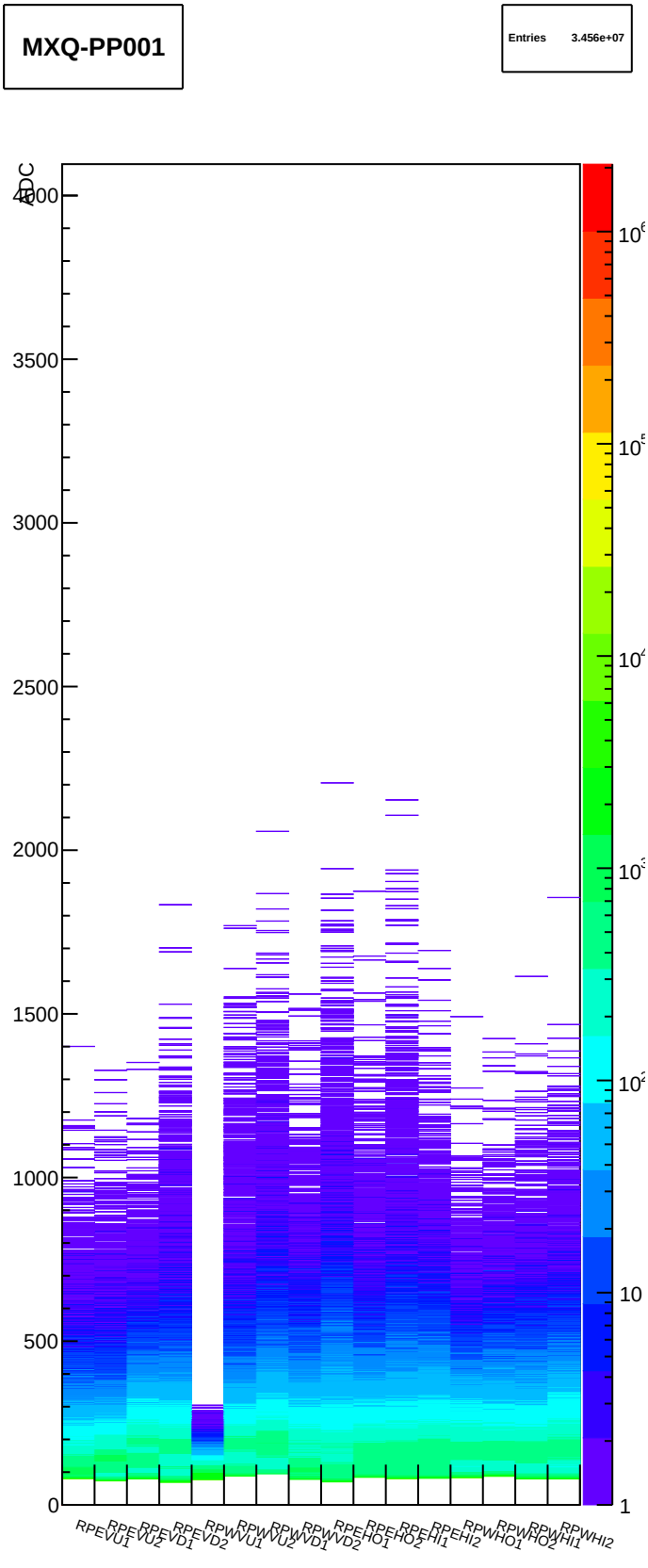

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

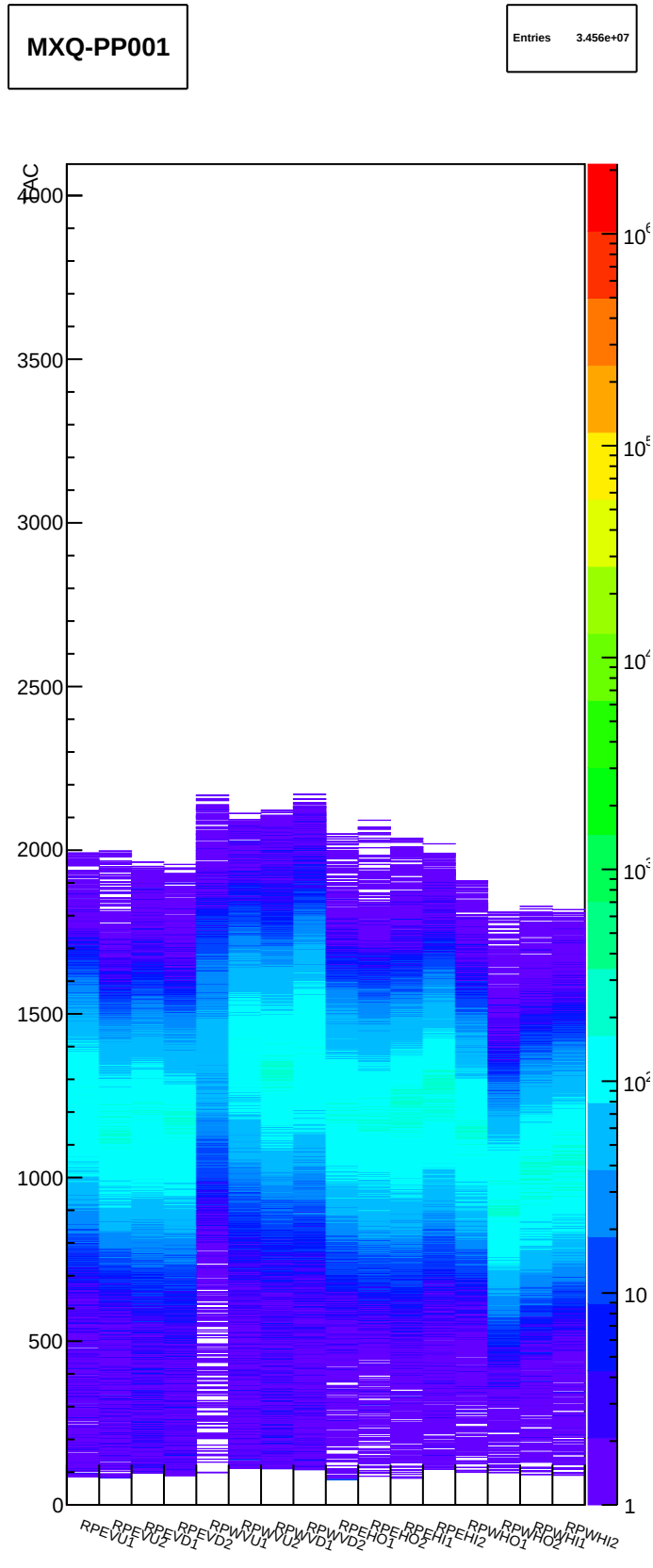

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

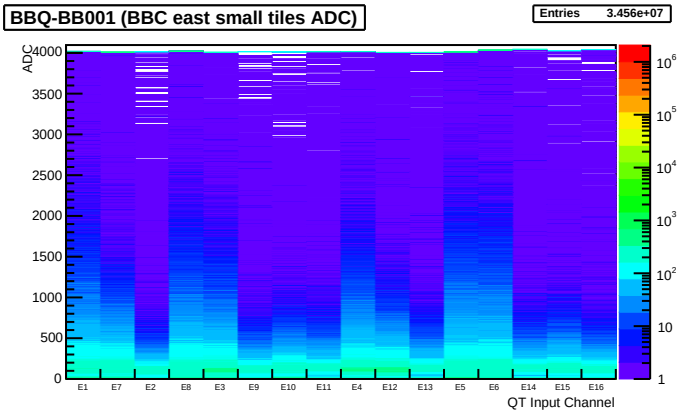

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4320000
TAC sum
1st-Best
2nd-Best
ID

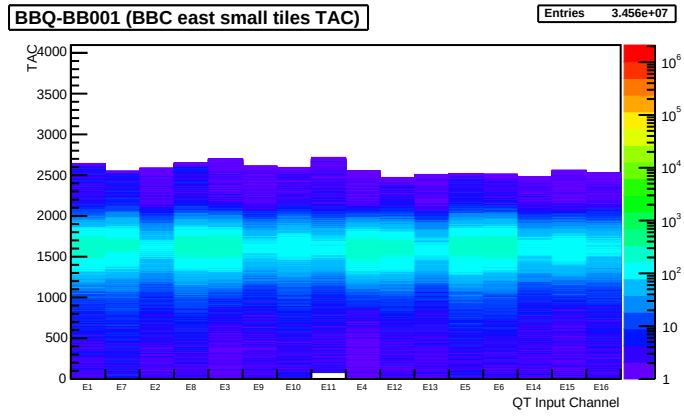

MIX-MT102 Input: VP003 Max TAC
Entries 2160000

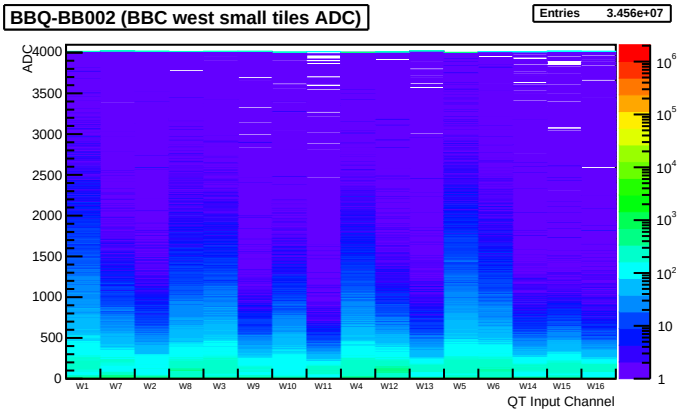

MIX-MT102 Input: VP004 Max TAC
Entries 2160000

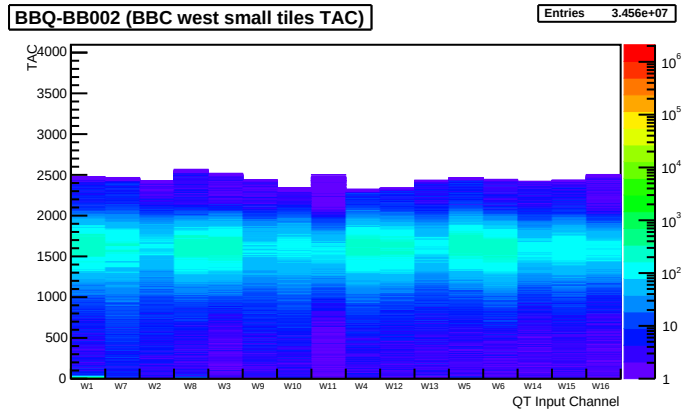

MXQ-PP001
Entries 3.456e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

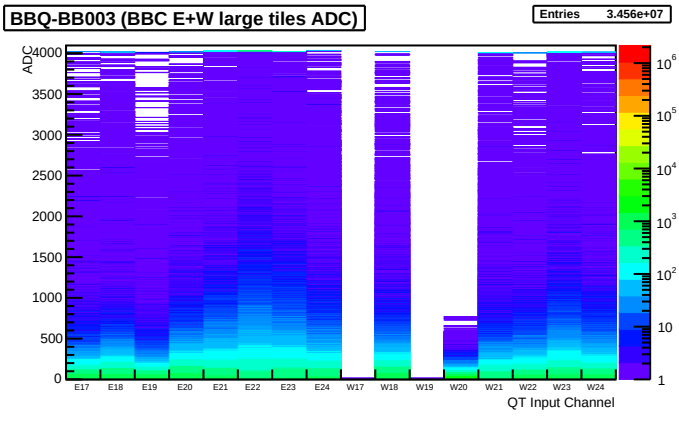

MXQ-PP001
Entries 3.456e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

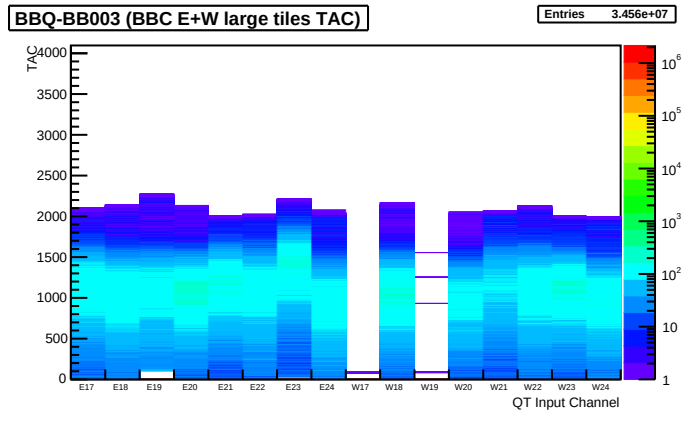

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.456e+07
ADC
QT Input Channel

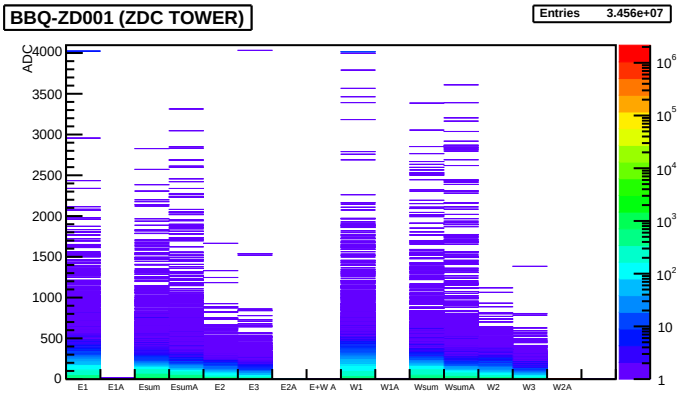

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.456e+07
TAC
QT Input Channel

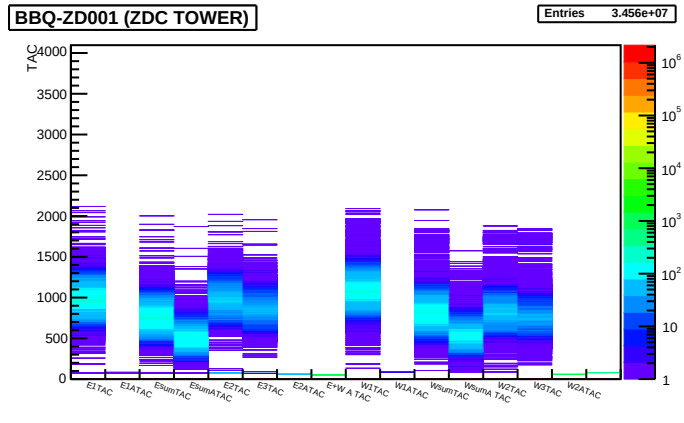

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.456e+07
ADC
QT Input Channel

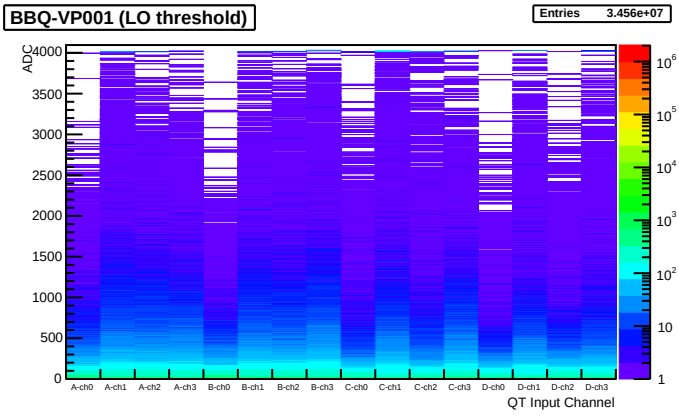

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.456e+07
TAC
QT Input Channel

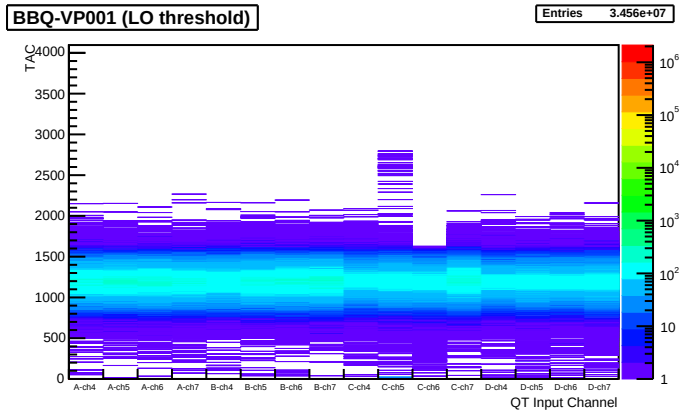

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.456e+07
ADC
QT Input Channel

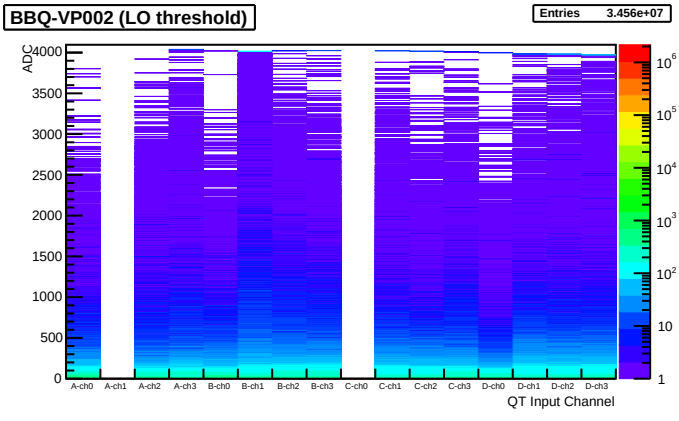

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.456e+07
TAC
QT Input Channel

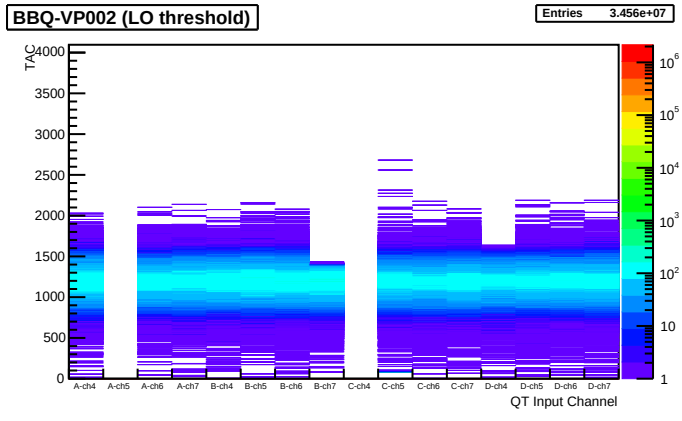

BBQ-ZD001 (ZDC TOWER)
Entries 3.456e+07
ADC

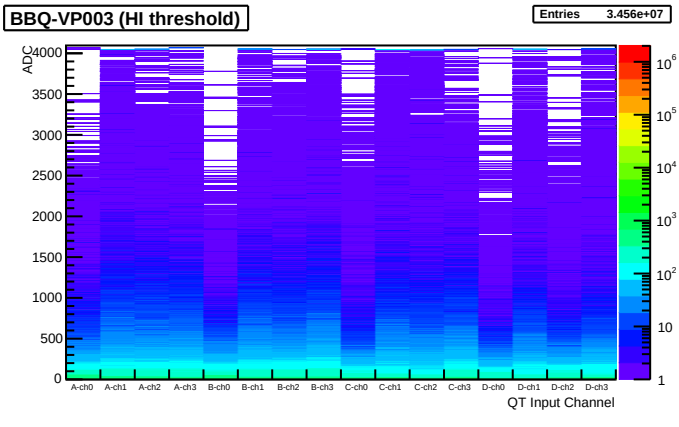

BBQ-ZD001 (ZDC TOWER)
Entries 3.456e+07
TAC

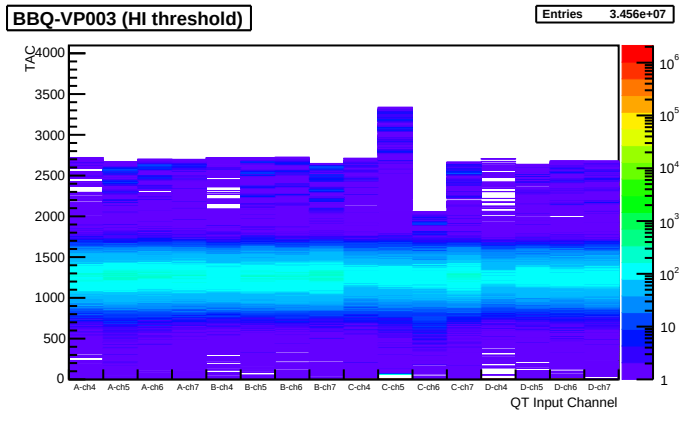

BBQ-VP001 (LO threshold)
Entries 3.456e+07
ADC
QT Input Channel

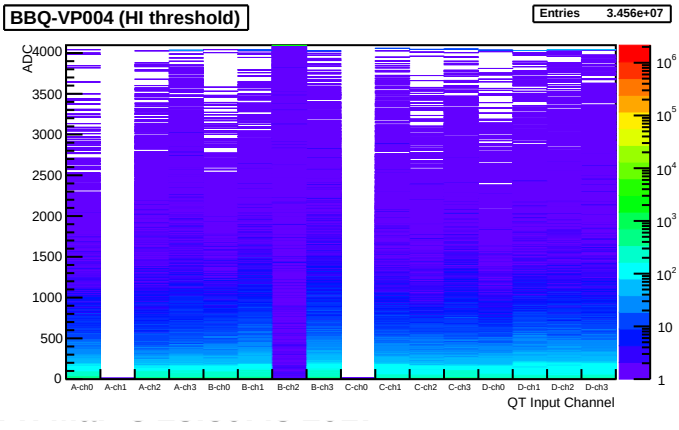

BBQ-VP001 (LO threshold)
Entries 3.456e+07
TAC
QT Input Channel

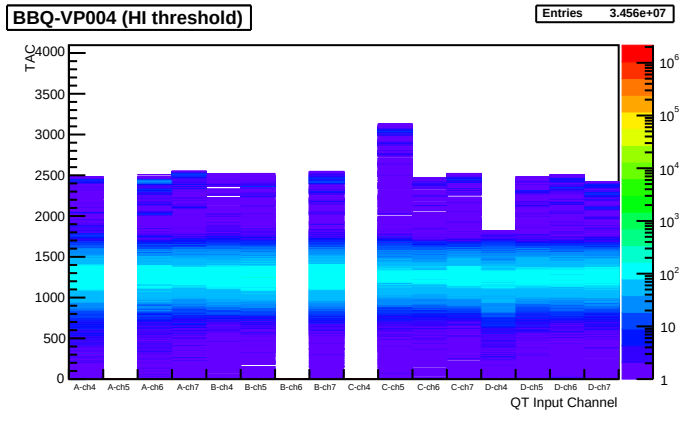

BBQ-VP002 (LO threshold)
Entries 3.456e+07
ADC
QT Input Channel

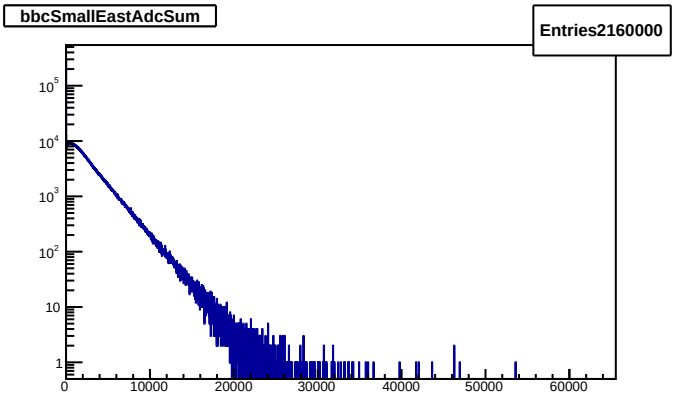

BBQ-VP002 (LO threshold)
Entries 3.456e+07
TAC
QT Input Channel

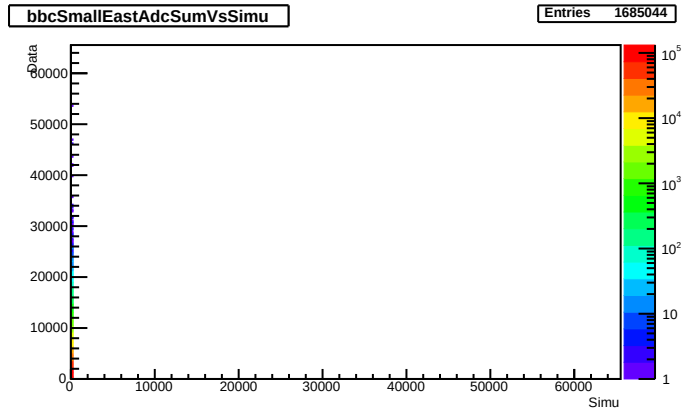

BBQ-VP003 (HI threshold)
Entries 3.456e+07
ADC
QT Input Channel

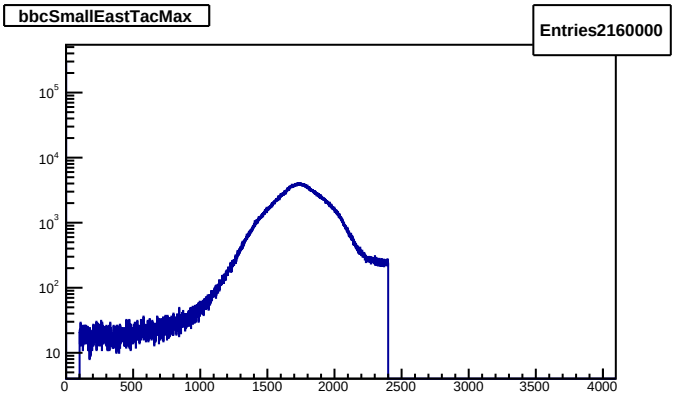

BBQ-VP003 (HI threshold)
Entries 3.456e+07
TAC
QT Input Channel

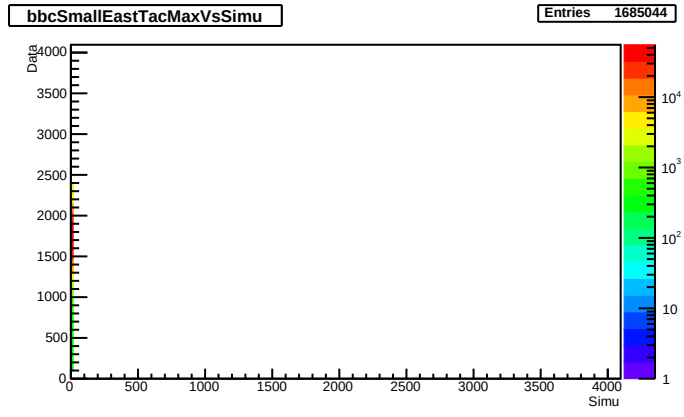

BBQ-VP004 (HI threshold)
Entries 3.456e+07
ADC
QT Input Channel

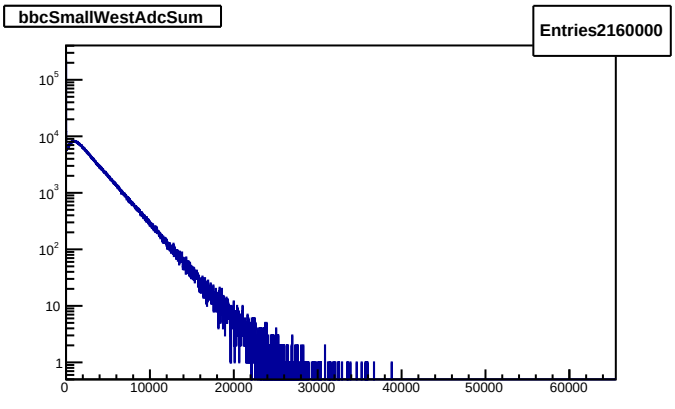

BBQ-VP004 (HI threshold)
Entries 3.456e+07
TAC
QT Input Channel

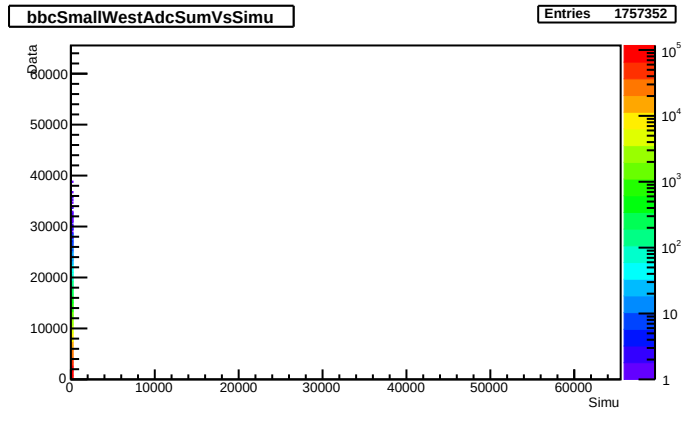

bbcSmallEastAdcSum
Entries2160000

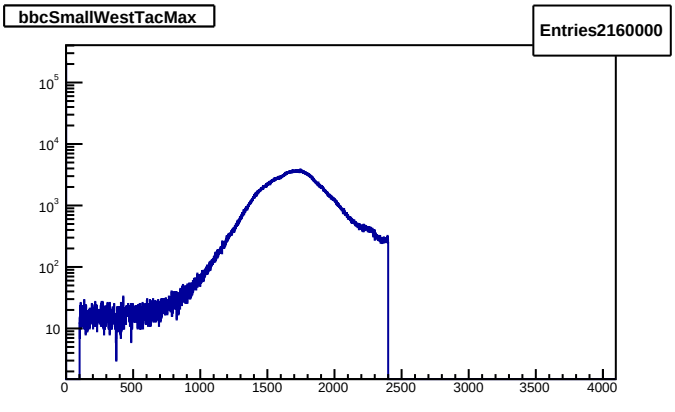

bbcSmallEastAdcSumVsSimu
Entries 1685044
Data
Simu

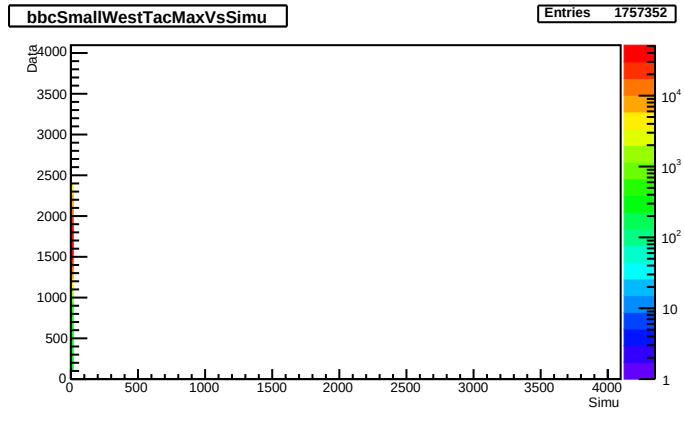

bbcSmallEastTacMax
Entries2160000

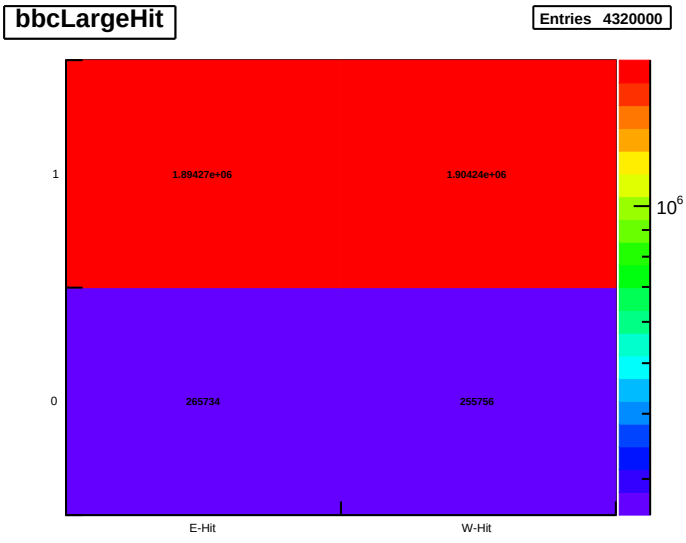

bbcSmallEastTacMaxVsSimu
Entries 1685044
Data
Simu

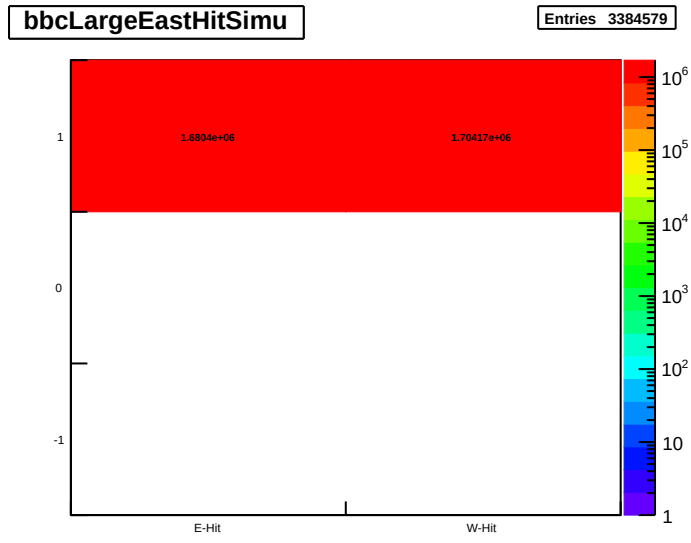

bbcSmallWestAdcSum
Entries2160000

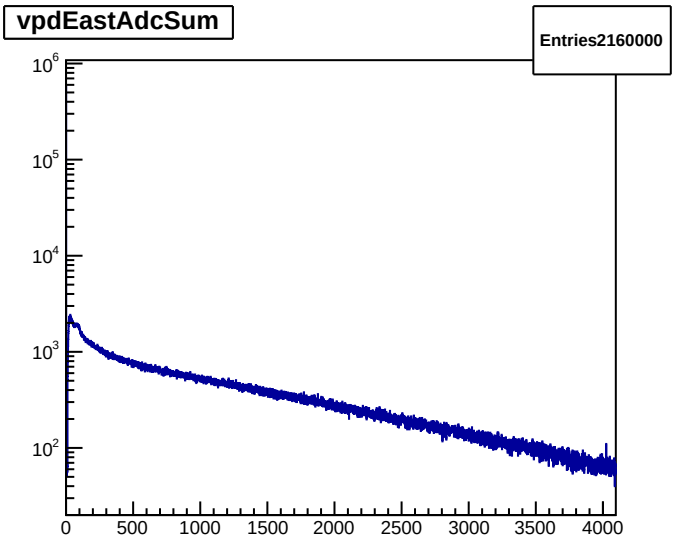

bbcSmallWestAdcSumVsSimu
Entries 1757352
Data
Simu

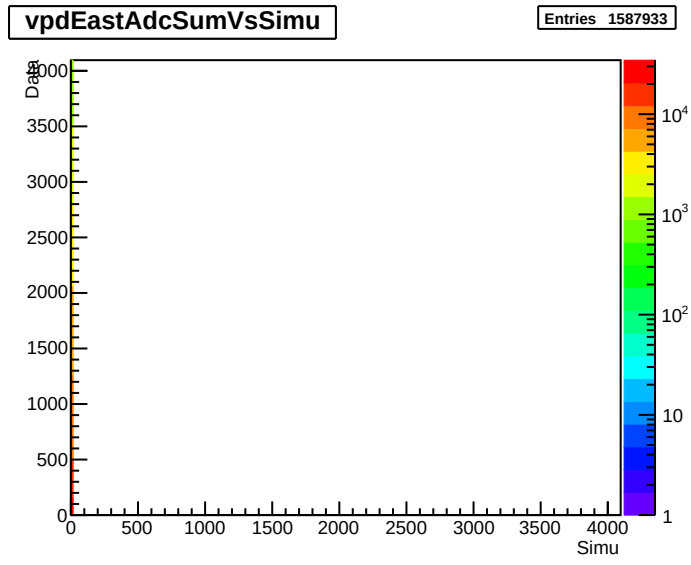

bbcSmallWestTacMax
Entries2160000

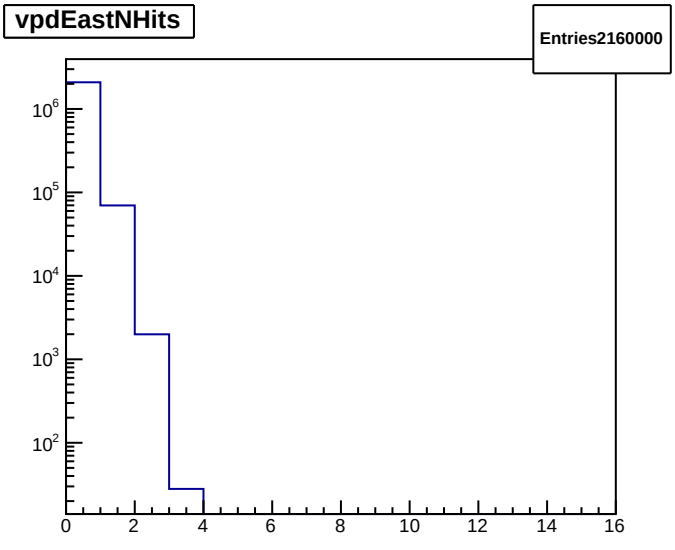

bbcSmallWestTacMaxVsSimu
Entries 1757352
Data
Simu

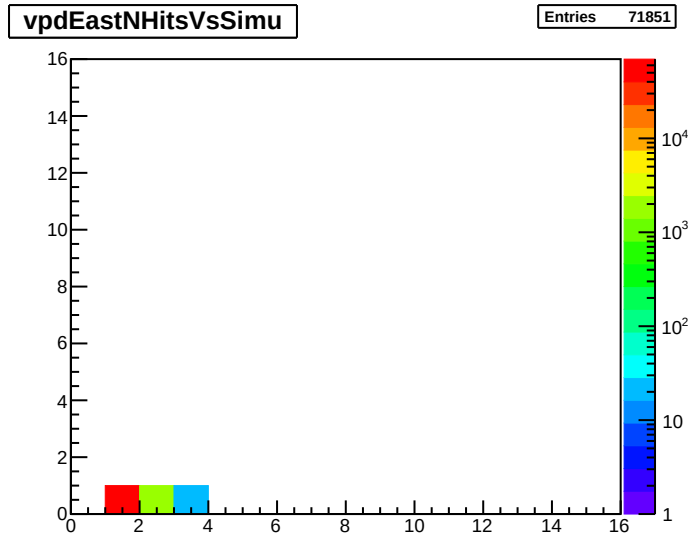

bbcLargeHit
Entries 4320000
1.89427e+06
1.90424e+06
265734
255756
1
0
E-Hit
W-Hit
$10^6$

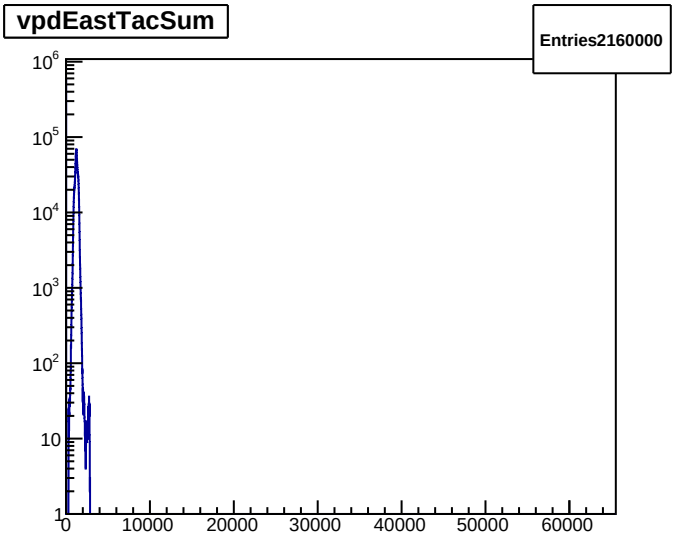

bbcLargeEastHitSimu
Entries 3384579
1.6804e+06
1.70417e+06
1
0
-1
E-Hit
W-Hit
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

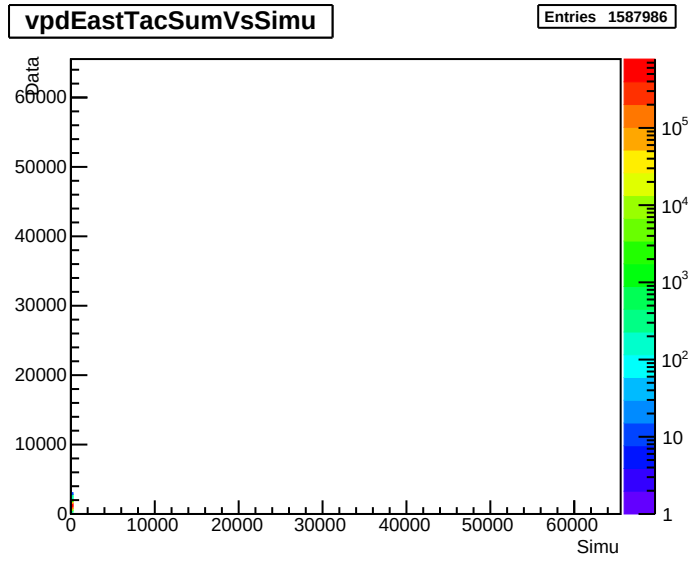

vpdEastAdcSum
Entries2160000

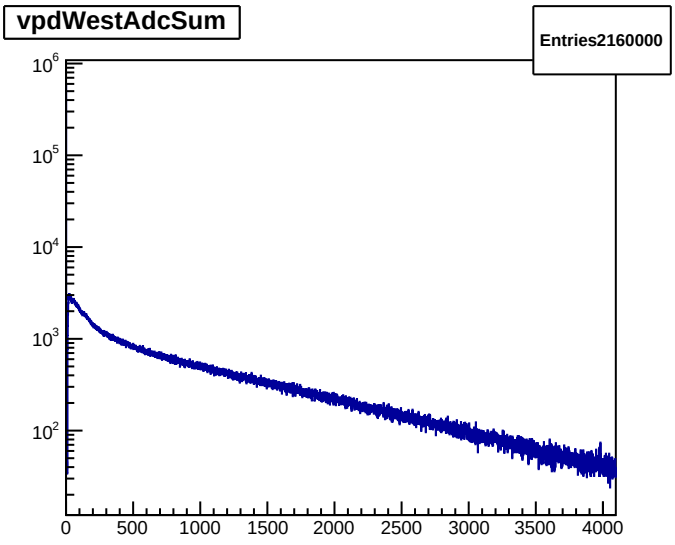

vpdEastAdcSumVsSimu
Entries 1587933
Data
Simu

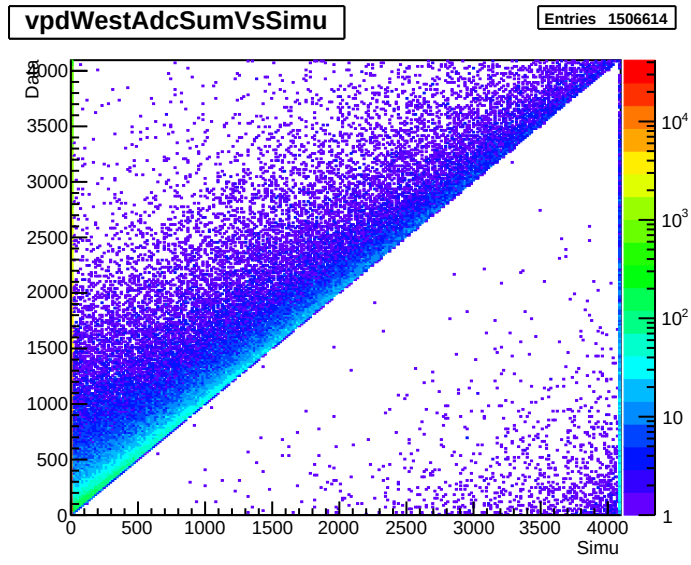

vpdEastNHits
Entries2160000

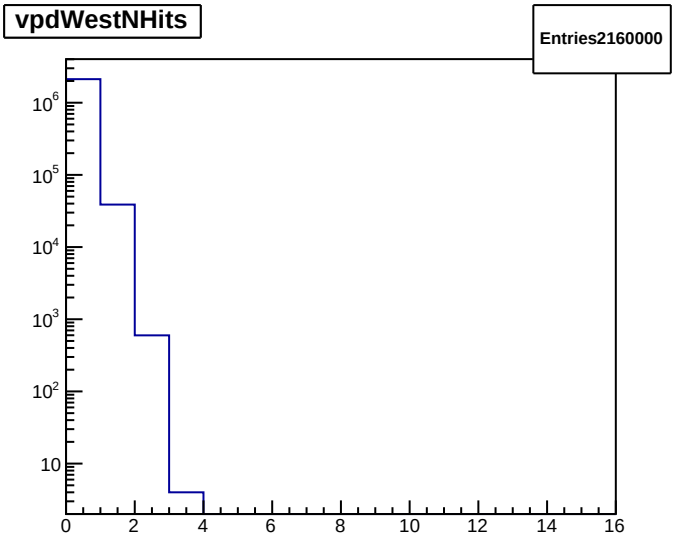

vpdEastNHitsVsSimu
Entries 71851

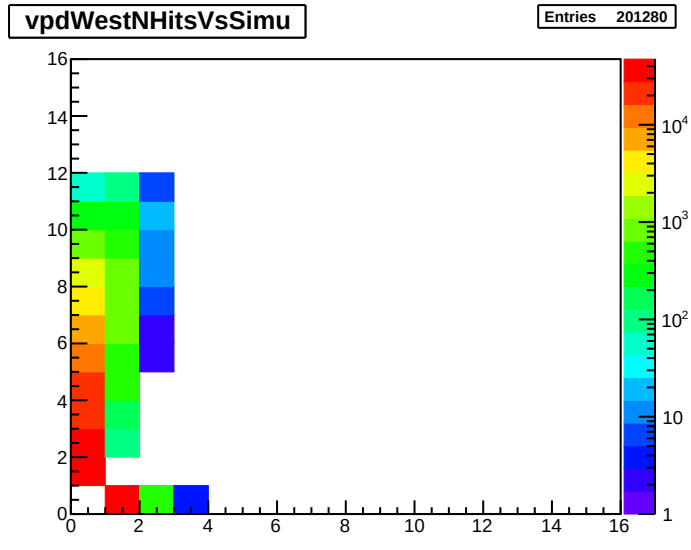

vpdEastTacSum
Entries2160000

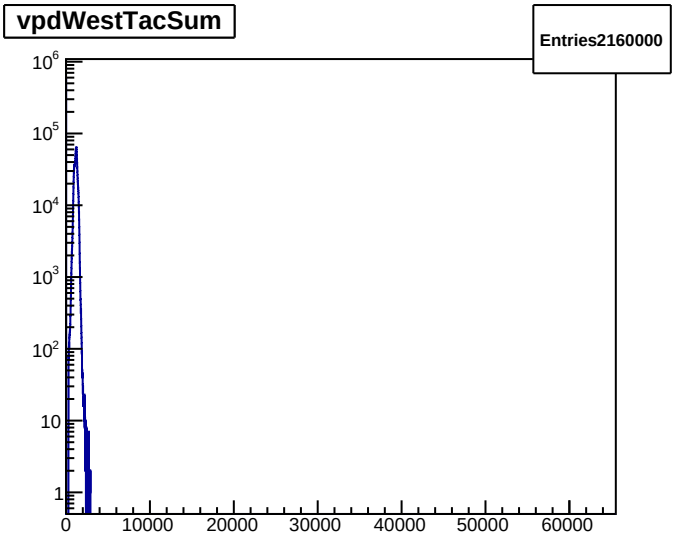

vpdEastTacSumVsSimu
Entries 1587986
Data
Simu

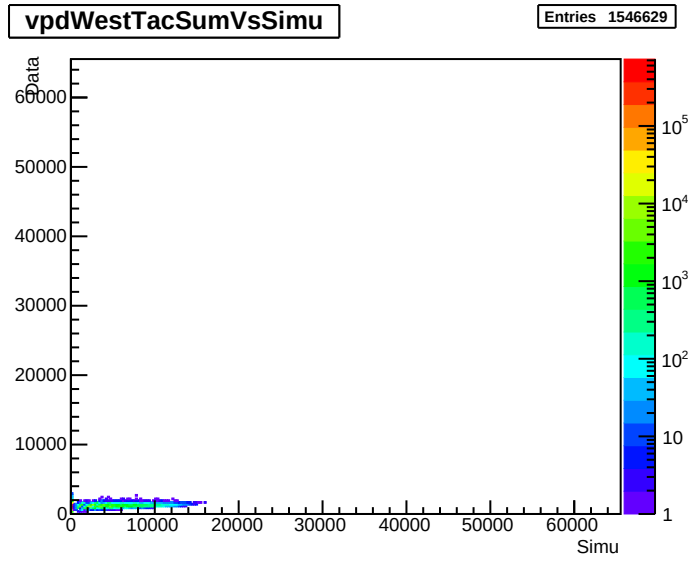

vpdWestAdcSum
Entries2160000

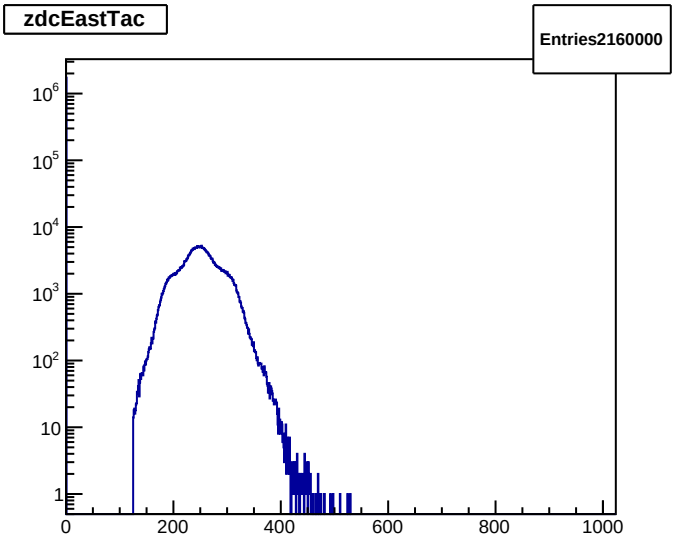

vpdWestAdcSumVsSimu
Entries 1506614
Data
Simu

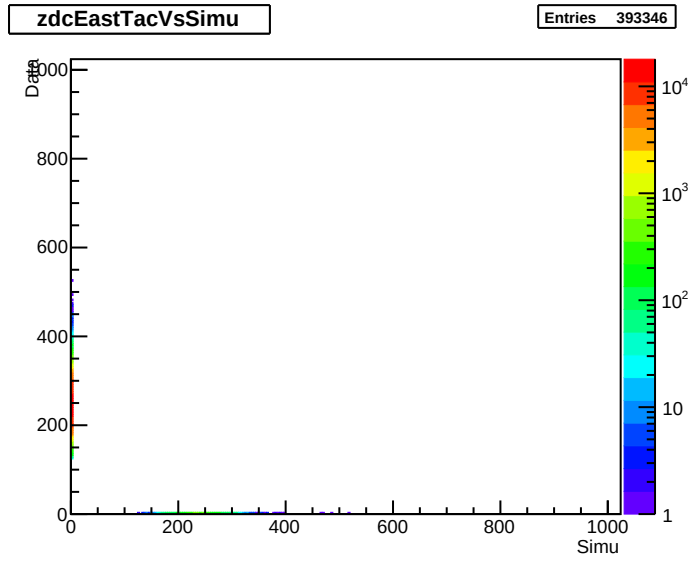

vpdWestNHits
Entries2160000

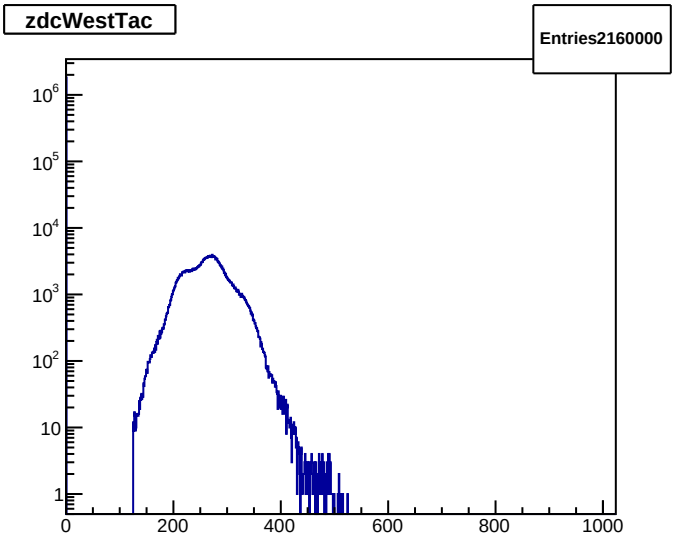

vpdWestNHitsVsSimu
Entries 201280

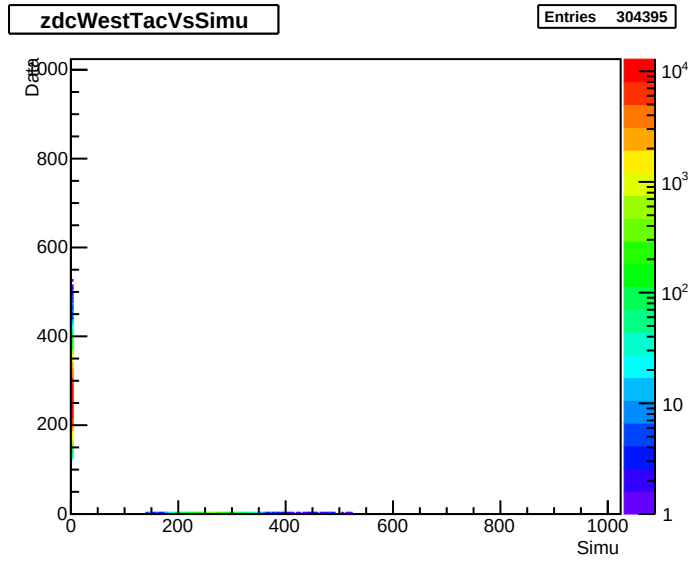

vpdWestTacSum
Entries2160000

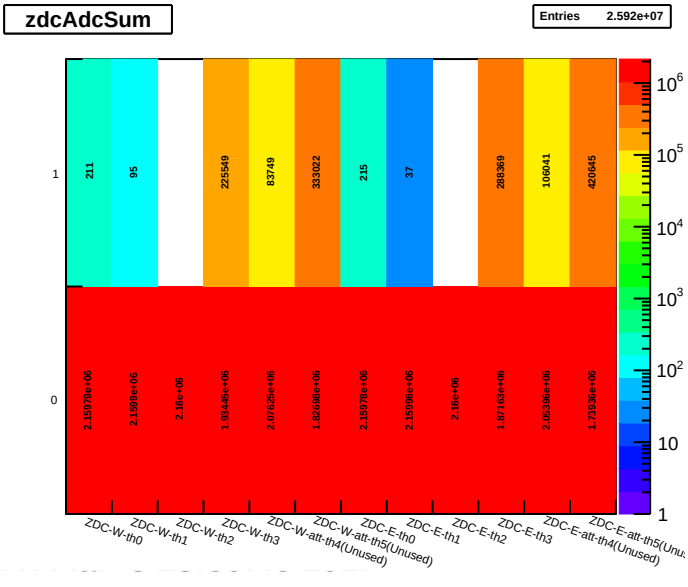

vpdWestTacSumVsSimu
Entries 1546629
Data
Simu

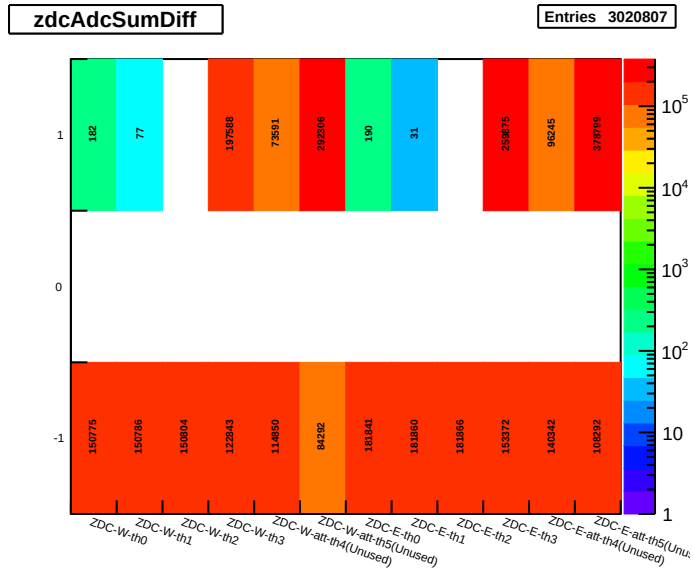

zdcEastTac
Entries2160000

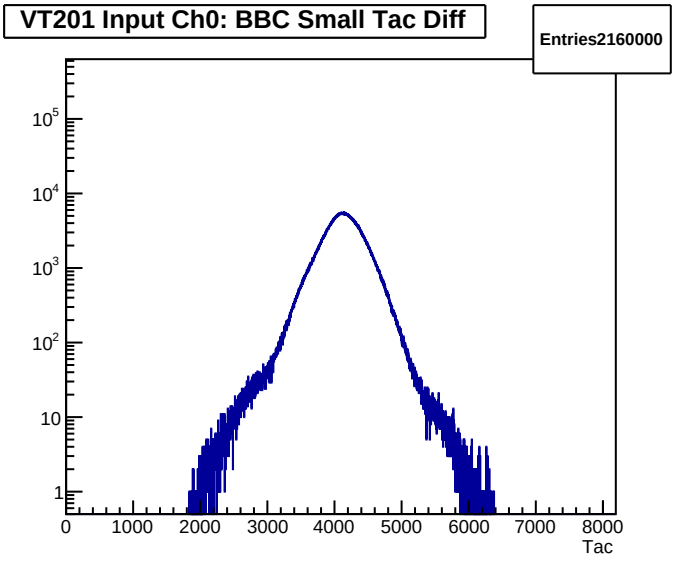

zdcEastTacVsSimu
Entries 393346
Data
Simu

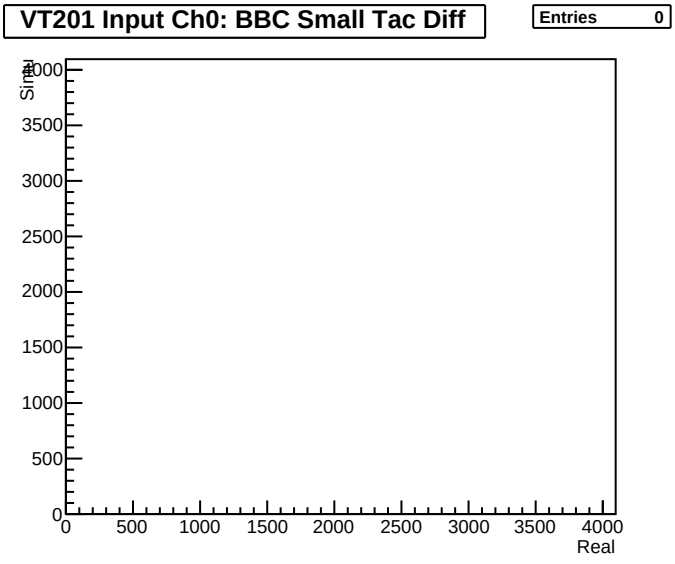

zdcWestTac
Entries2160000

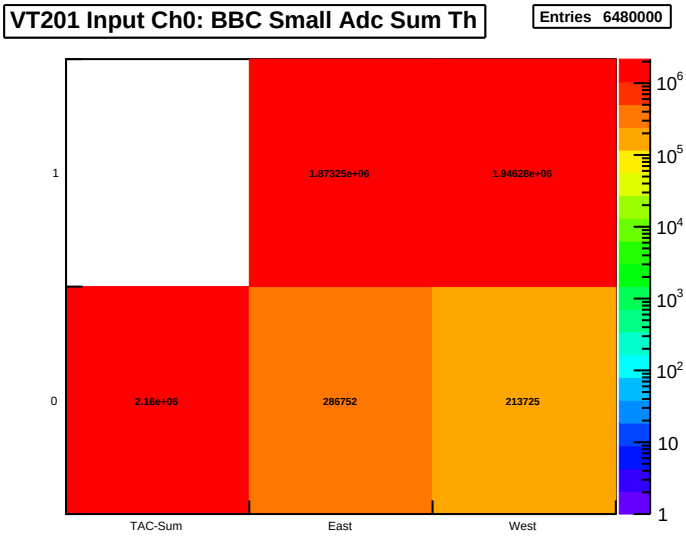

zdcWestTacVsSimu
Entries 304395
Data
Simu

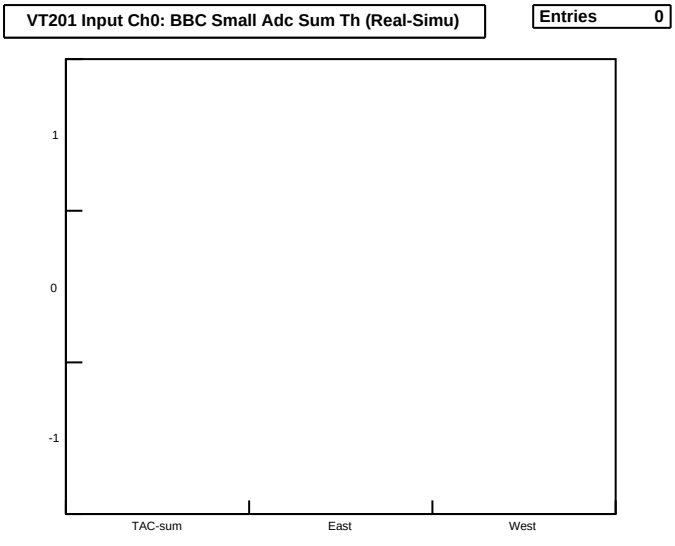

zdcAdcSum
Entries 2.592e+07
211
95
225549
83749
333022
215
37
288369
106041
420645
2.15978e+06
2.1599e+06
2.16e+06
1.93445e+06
2.07625e+06
1.82698e+06
2.15978e+06
2.15996e+06
2.16e+06
1.87162e+06
2.05396e+06
1.73936e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

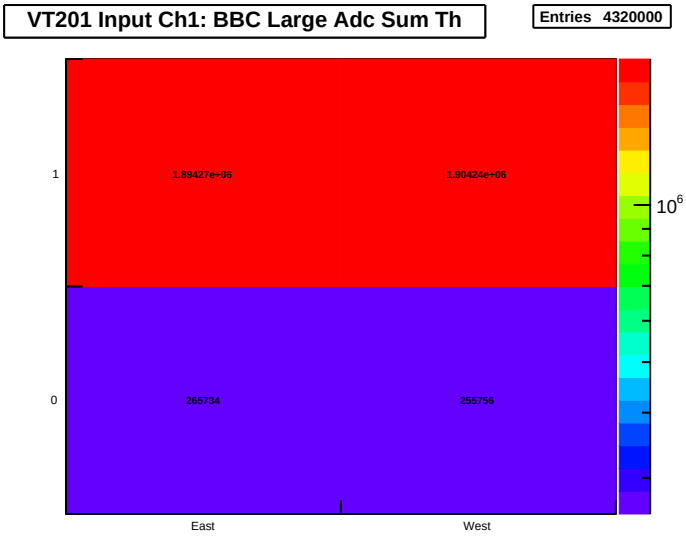

zdcAdcSumDiff
Entries 3020807
182
77
197588
73591
292306
190
31
259875
96245
378799
150775
150786
150604
122843
114850
84292
181841
181860
181866
153372
140342
108292
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

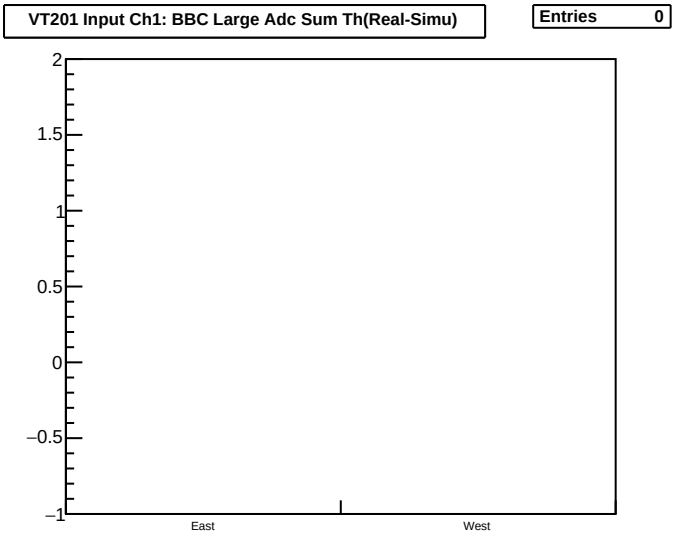

VT201 Input Ch0: BBC Small Tac Diff
Entries2160000
Tac


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

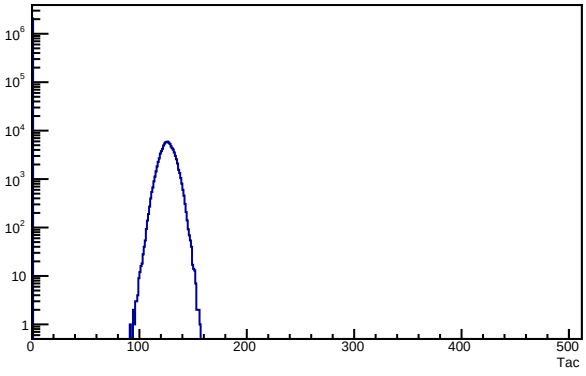

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6480000
1.87325e+06
1.94628e+06
2.16e+06
286752
213725
TAC-Sum
East
West


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

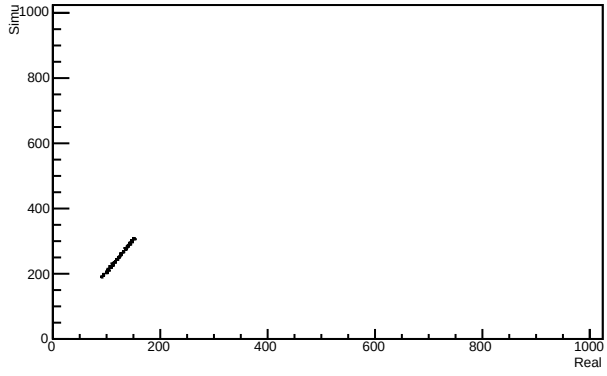

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4320000
1.89427e+06
1.90424e+06
265734
255756
East
West


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

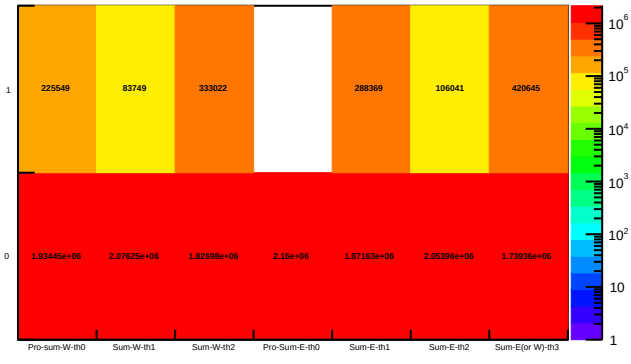
**VT201 Input Ch2: ZDC Tac Diff**



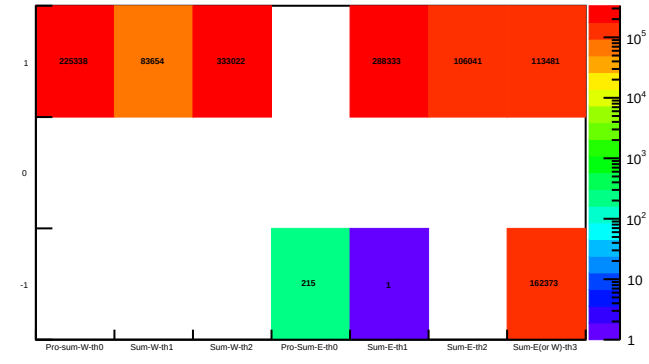

**VT201 Input Ch2: ZDC Tac Diff**



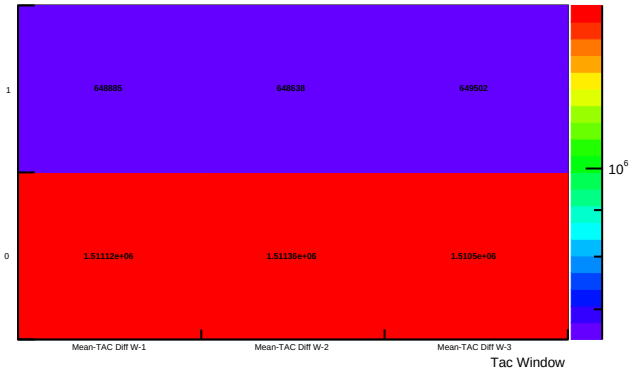

**VT201 Input Ch2: ZDC Adc Sum Th**



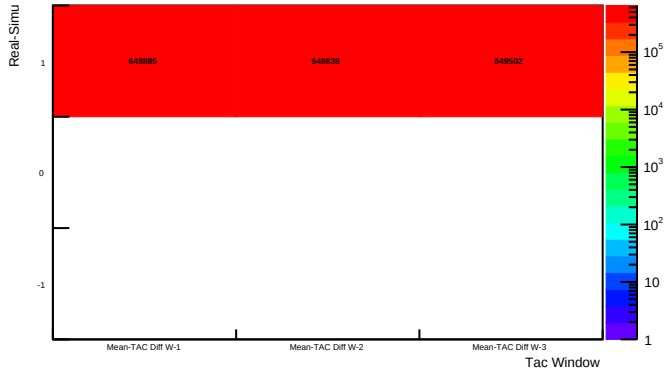

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



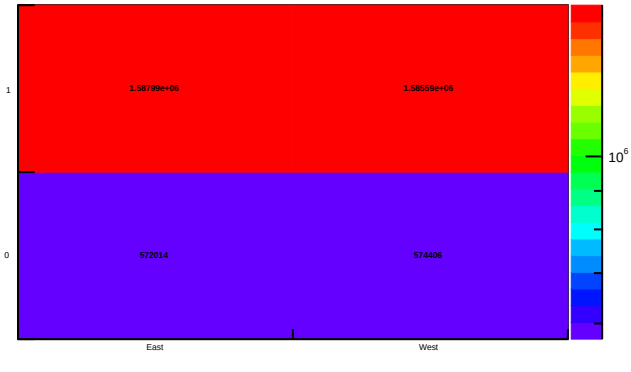

**VT201 Input Ch4: VPD Tac Diff**



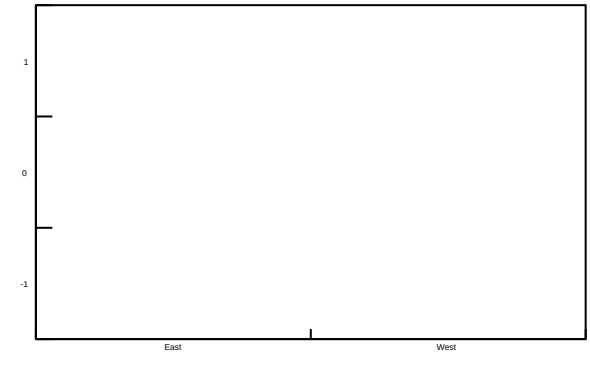

**VT201 Input Ch4: VPD Tac Diff**

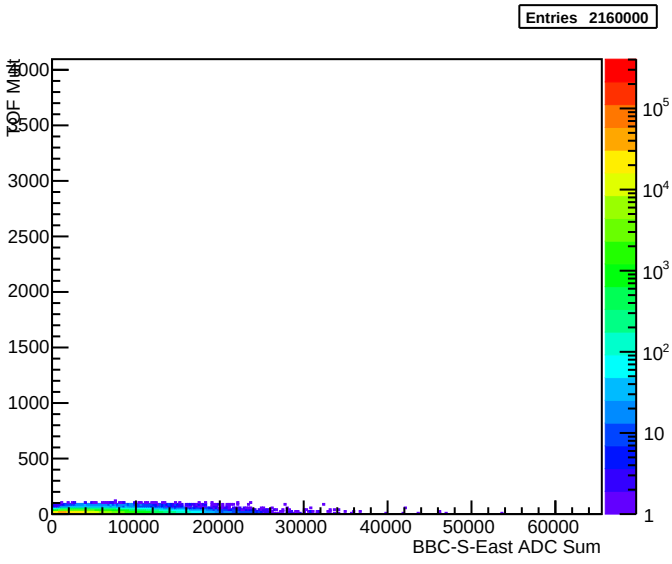


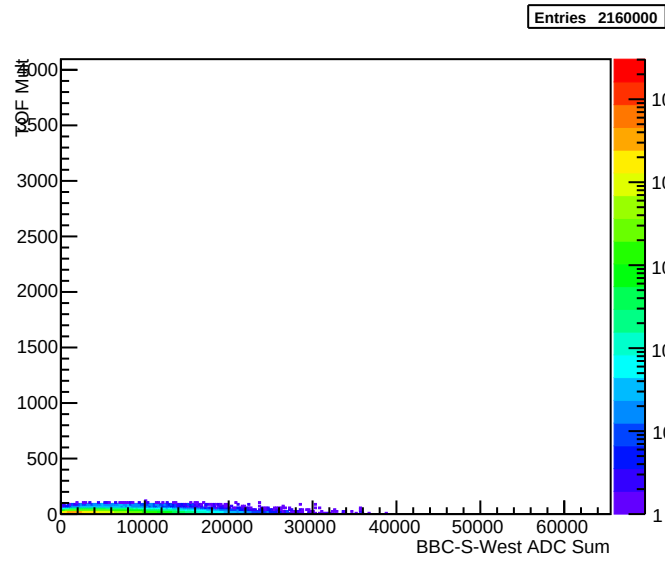

**VT201 Input Ch4: VPD Adc Sum Th**

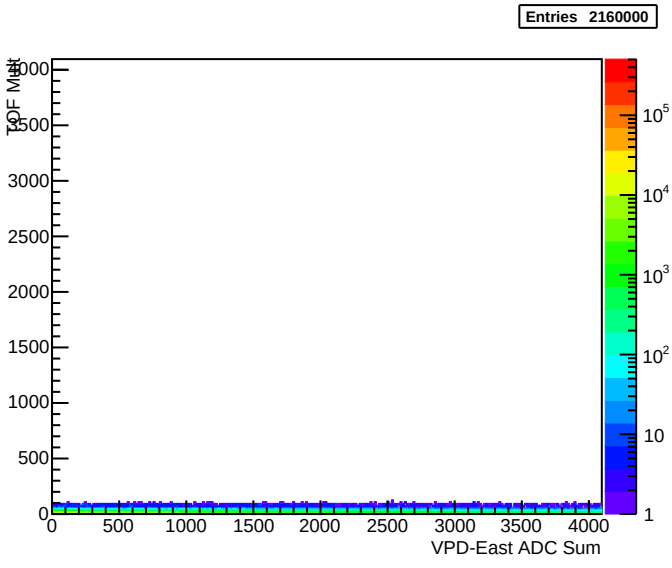


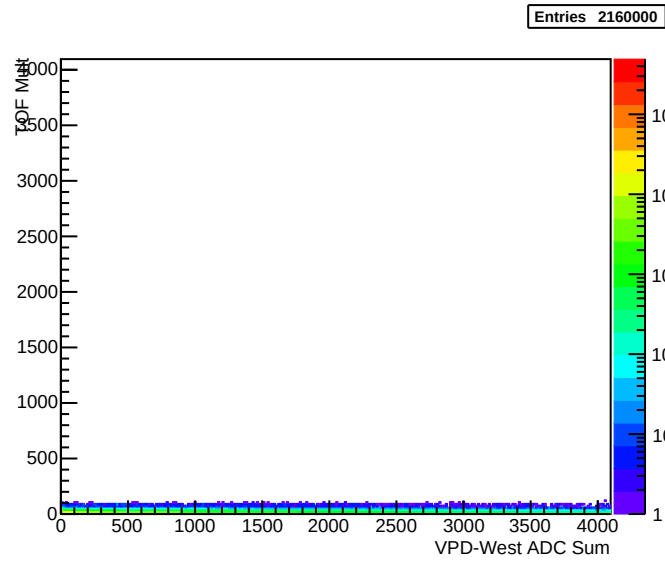

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

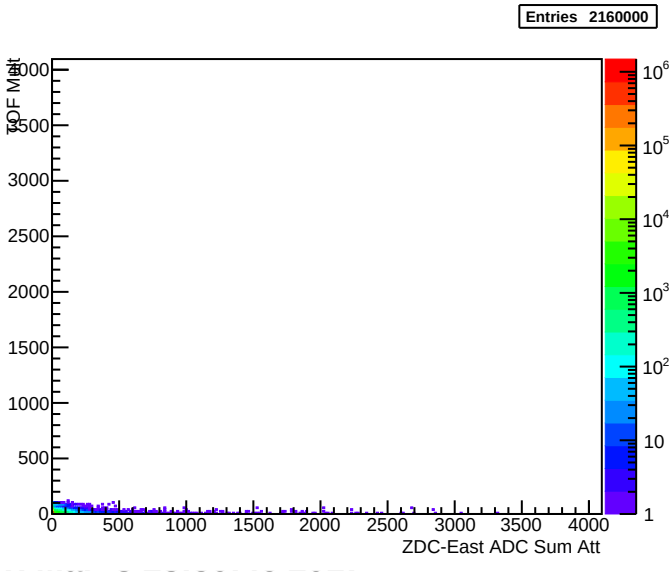


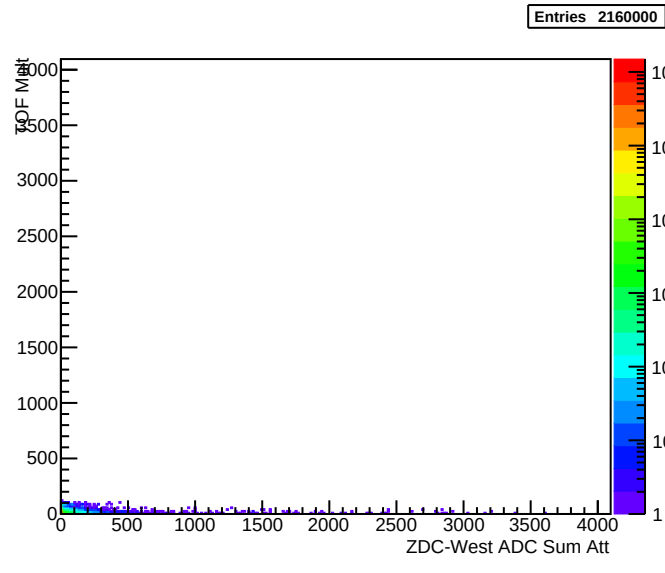

Entries 2160000
TOF Mult
BBC-S-East ADC Sum

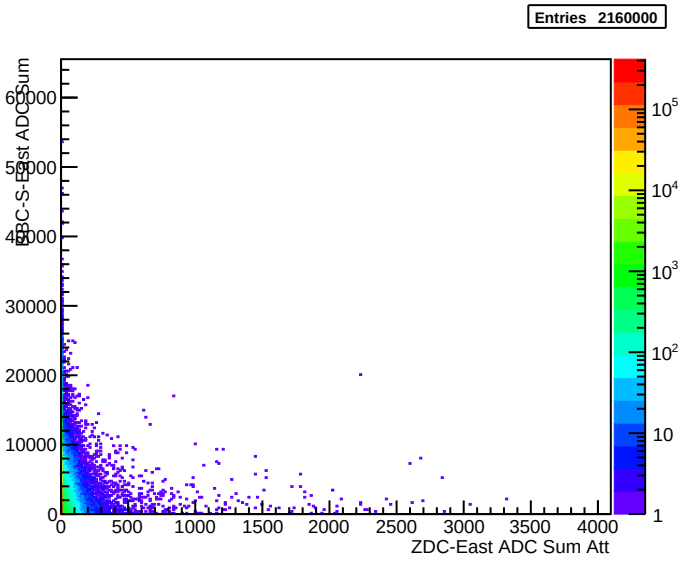

Entries 2160000
TOF Mult
BBC-S-West ADC Sum

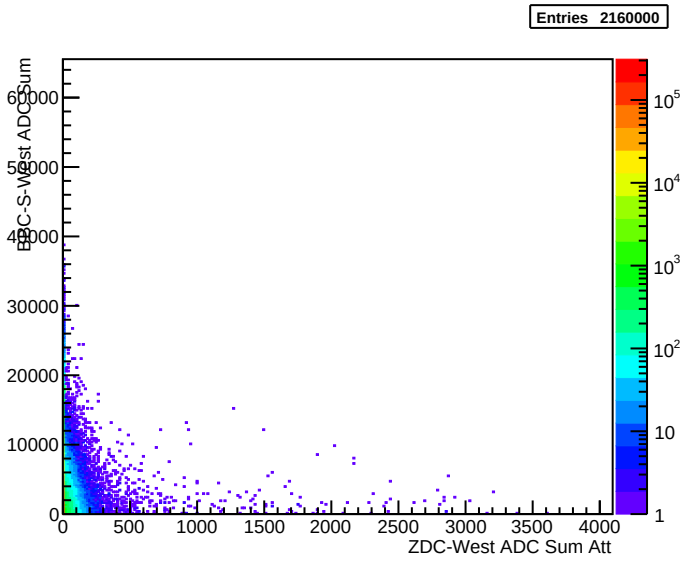

Entries 2160000
TOF Mult
VPD-East ADC Sum

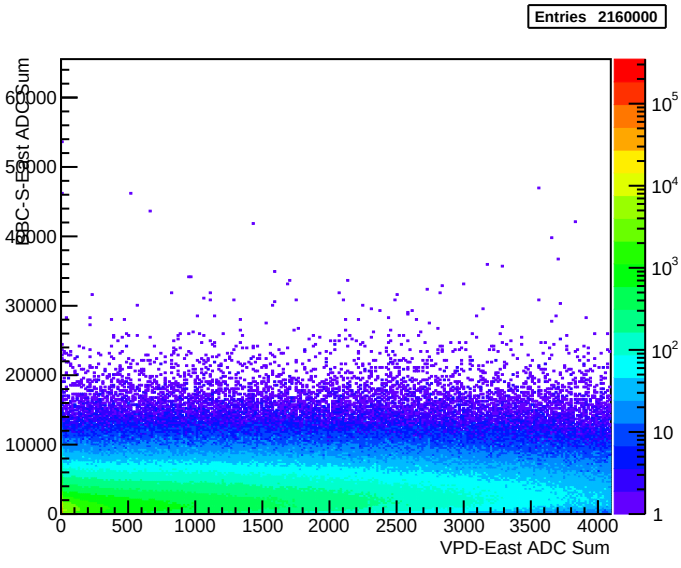

Entries 2160000
TOF Mult
VPD-West ADC Sum

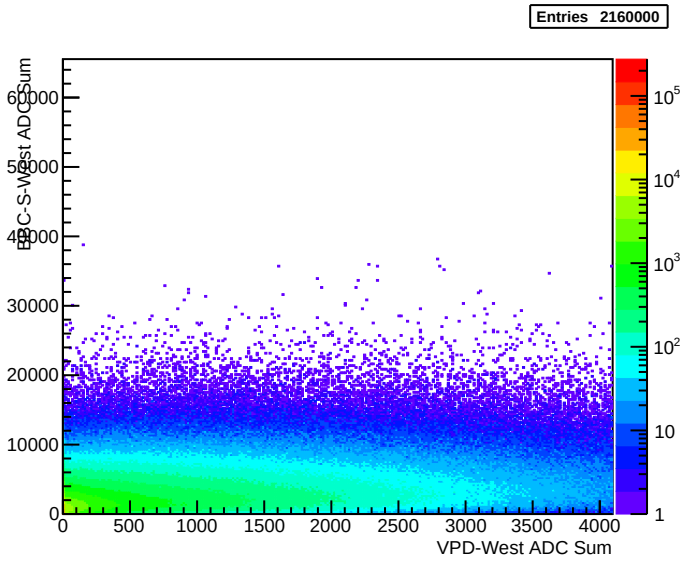

Entries 2160000
TOF Mult
ZDC-East ADC Sum Att

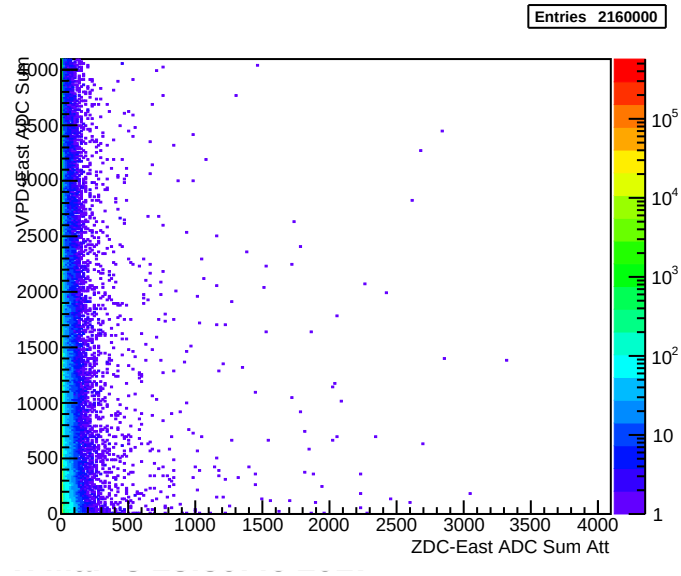

Entries 2160000
TOF Mult
ZDC-West ADC Sum Att

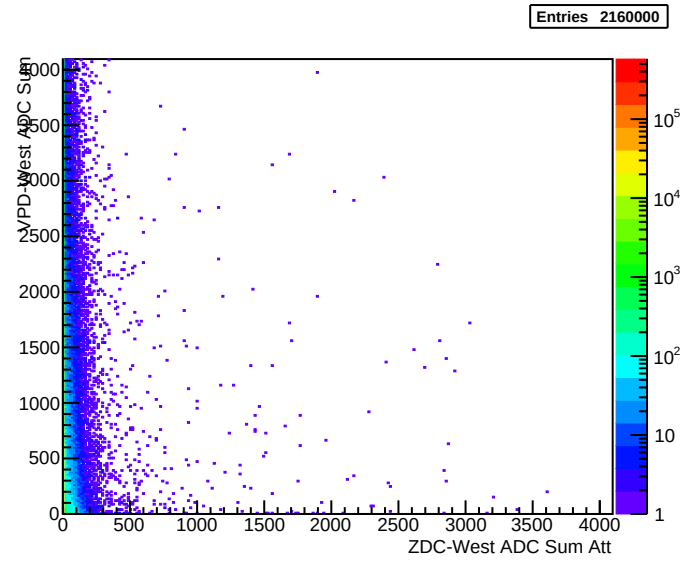

Entries 2160000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

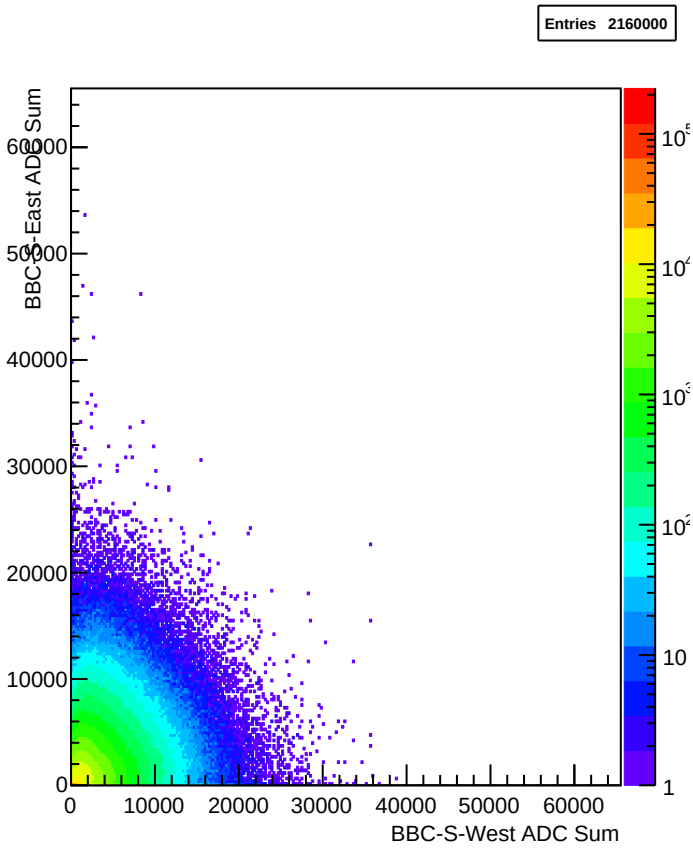

Entries 2160000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

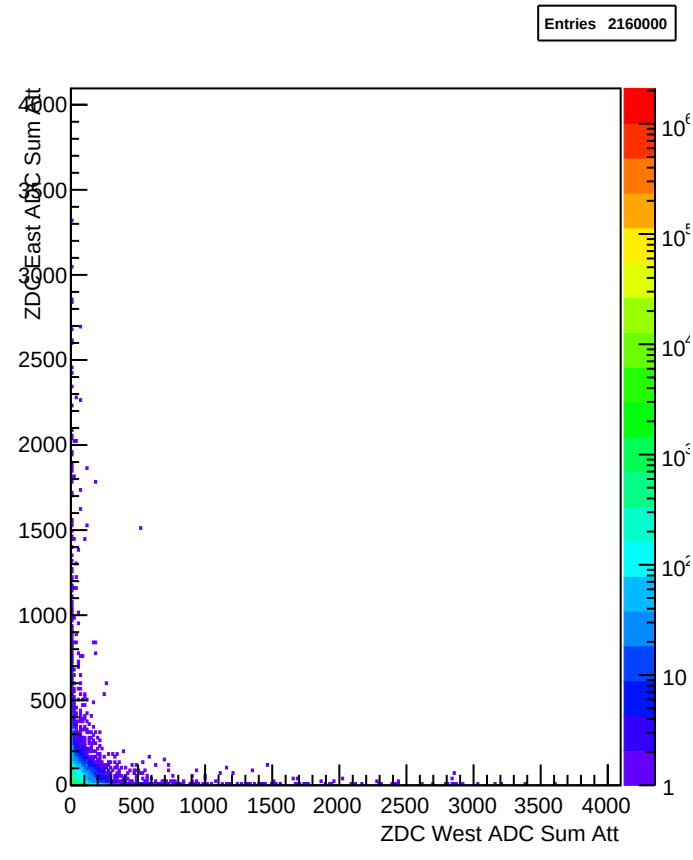

Entries 2160000
BBC-S-East ADC Sum
VPD-East ADC Sum

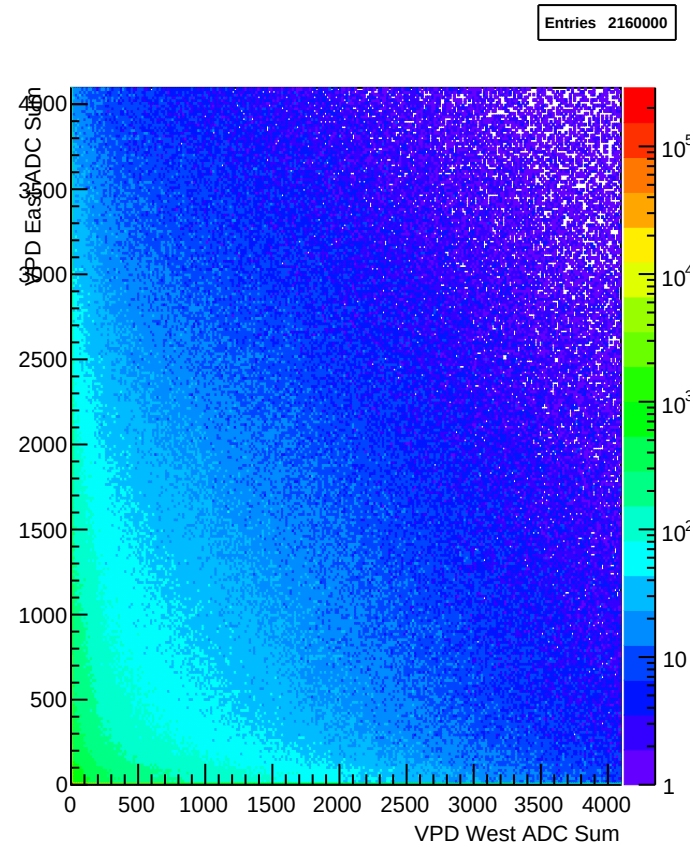

Entries 2160000
BBC-S-West ADC Sum
VPD-West ADC Sum

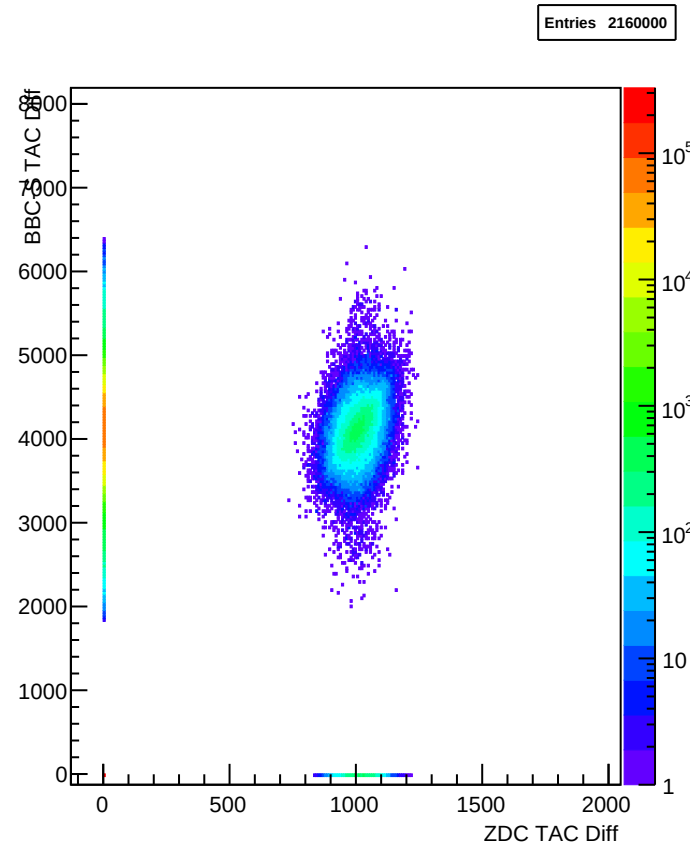

Entries 2160000
VPD-East ADC Sum
ZDC-East ADC Sum Att

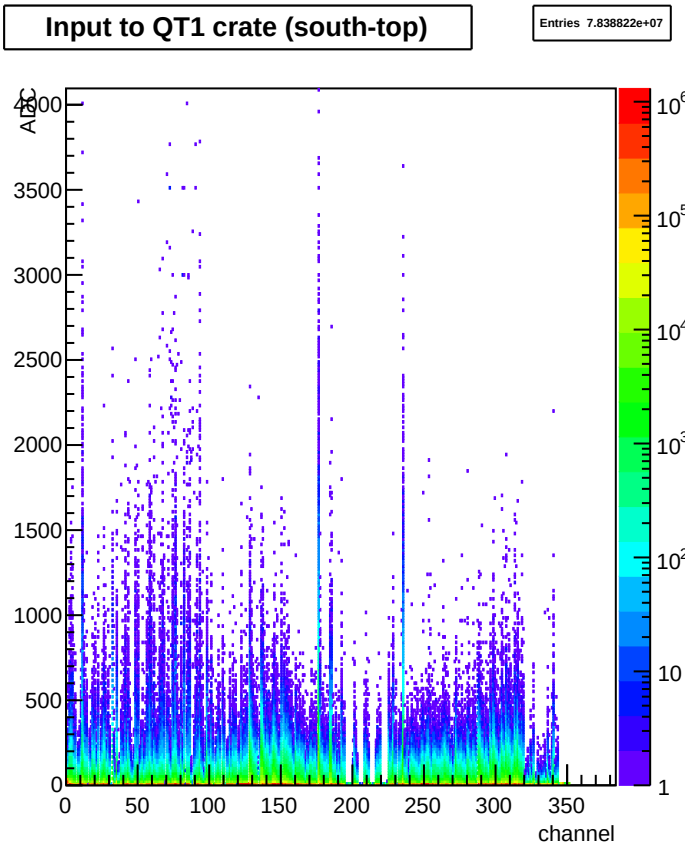

Entries 2160000
VPD-West ADC Sum
ZDC-West ADC Sum Att

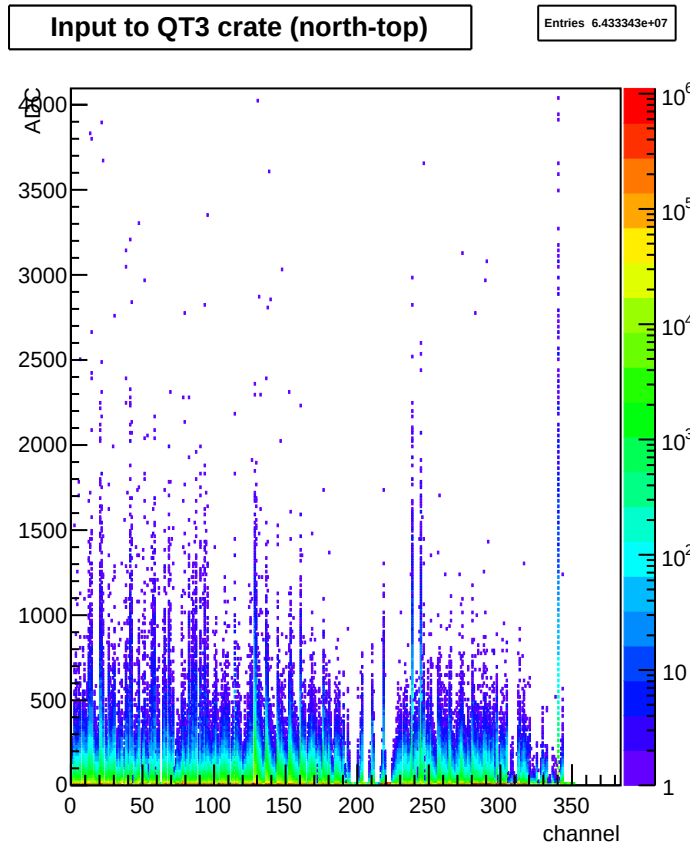

Entries 2160000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

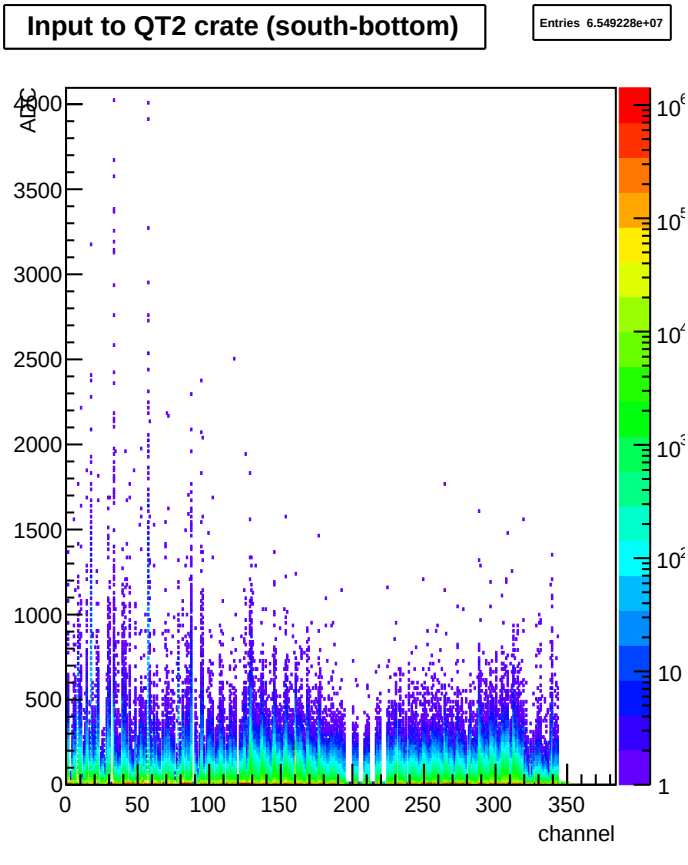

Entries 2160000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

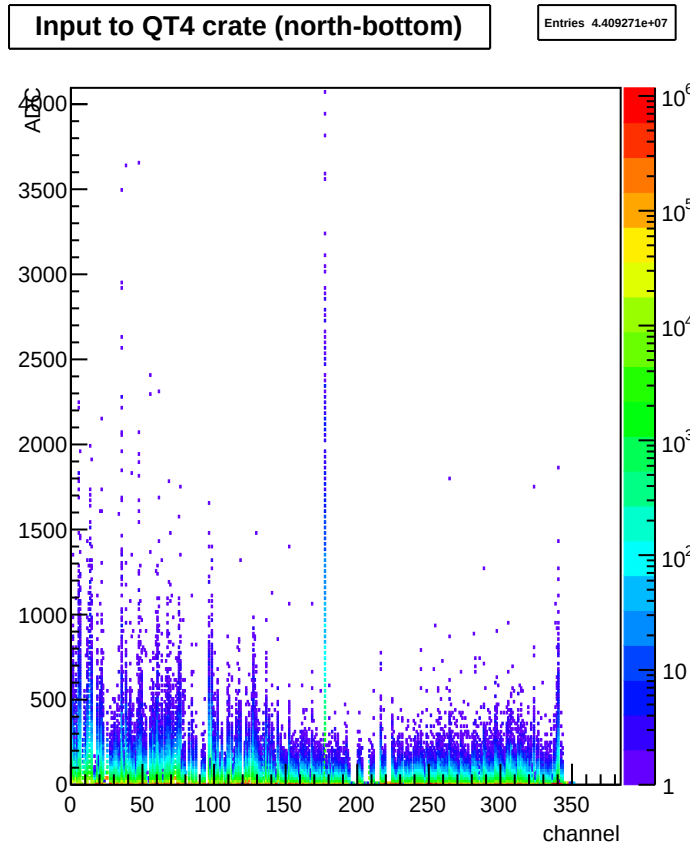

Entries 2160000
VPD East ADC Sum
VPD West ADC Sum

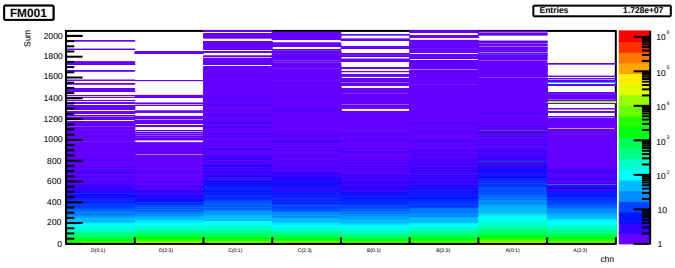

Entries 2160000
BBC-S TAC Diff
ZDC TAC Diff

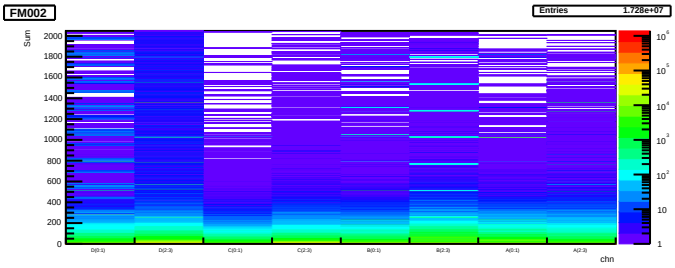

Input to QT1 crate (south-top)
Entries 7.838822e+07
ADC
channel

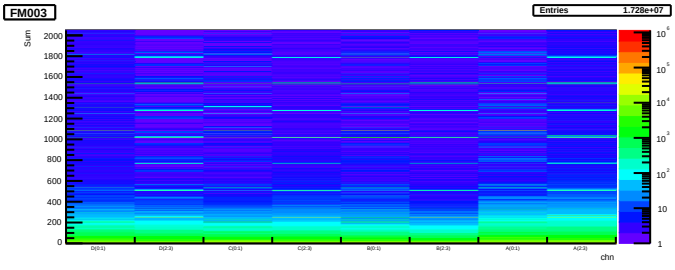

Input to QT3 crate (north-top)
Entries 6.433343e+07
ADC
channel

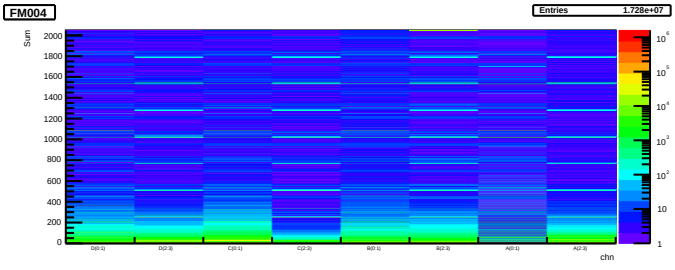

Input to QT2 crate (south-bottom)
Entries 6.549228e+07
ADC
channel

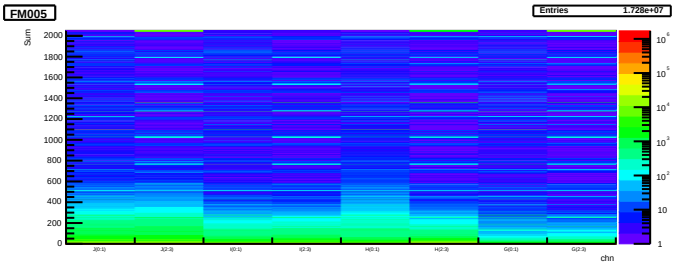

Input to QT4 crate (north-bottom)
Entries 4.409271e+07
ADC
channel

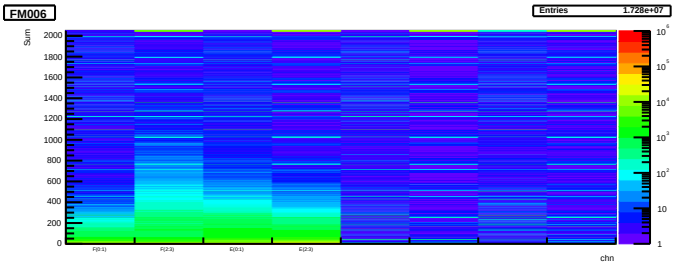

FM001
Entries 1.728e+07
Sum
chn

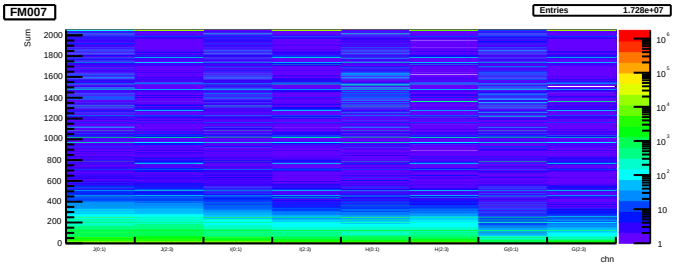

FM002
Entries 1.728e+07
Sum
chn

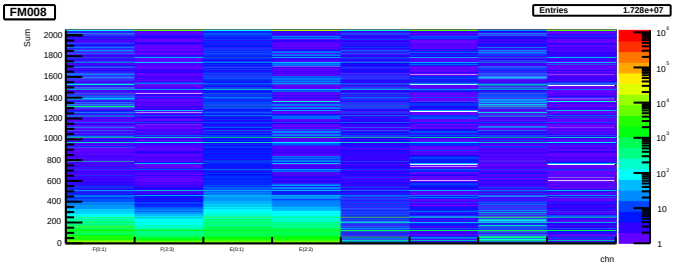

FM003
Entries 1.728e+07
Sum
chn


FM004
Entries 1.728e+07
Sum
chn


FM005
Entries 1.728e+07
Sum
chn


FM006
Entries 1.728e+07
Sum
chn


FM007
Entries 1.728e+07
Sum
chn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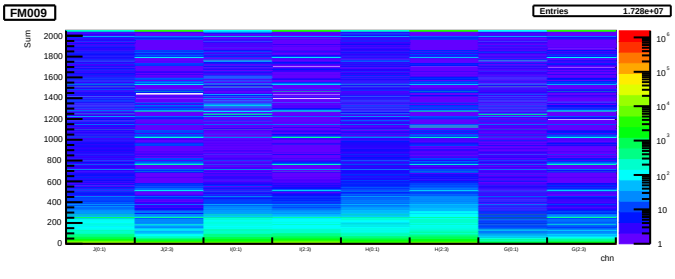
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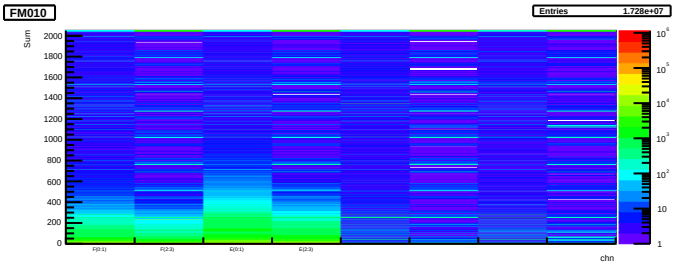
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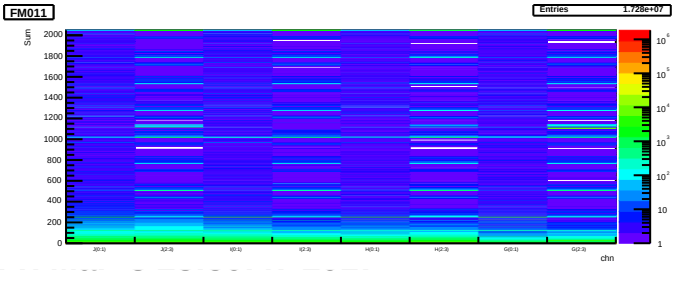
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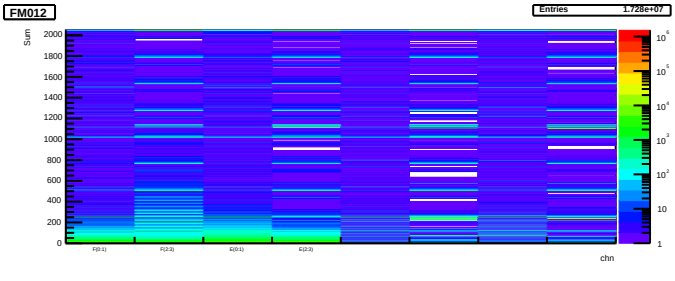
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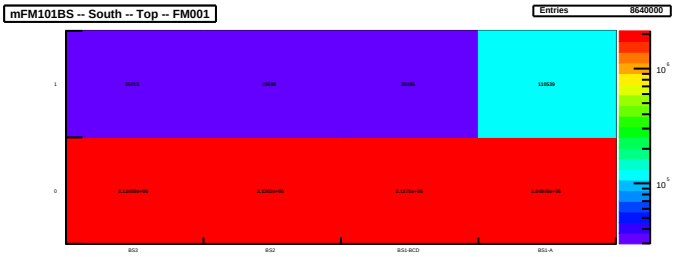
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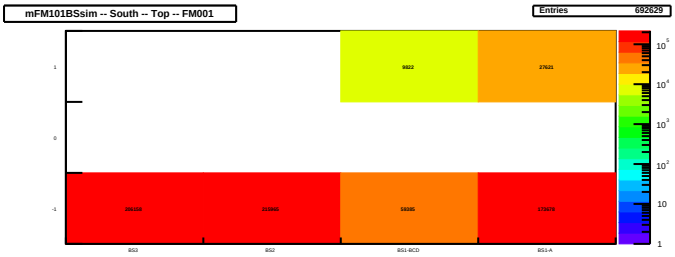
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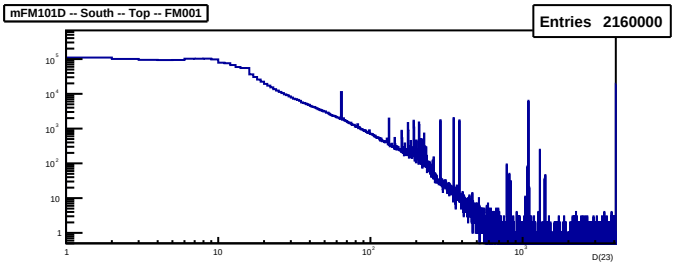
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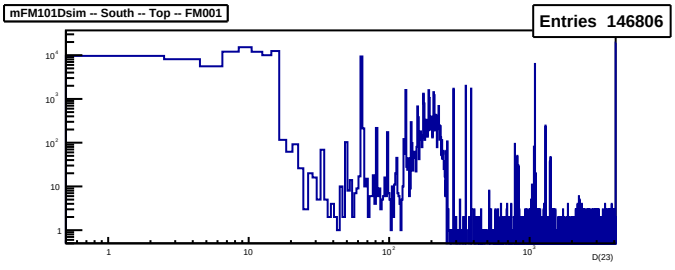
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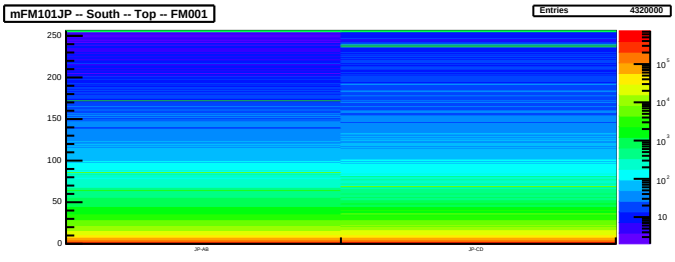
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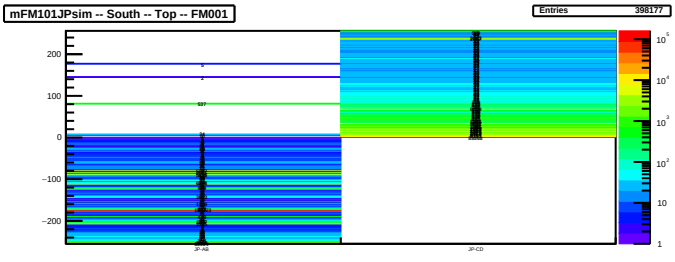
Entries 4320000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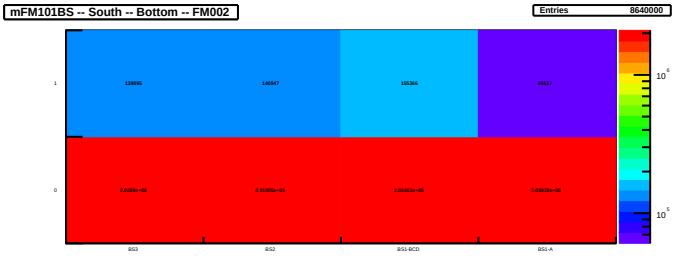
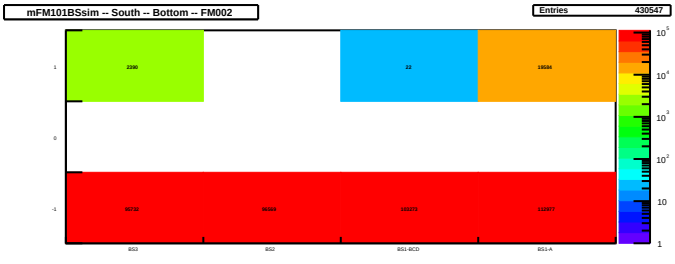

mFM101BS -- South -- Bottom -- FM002
Entries 8640000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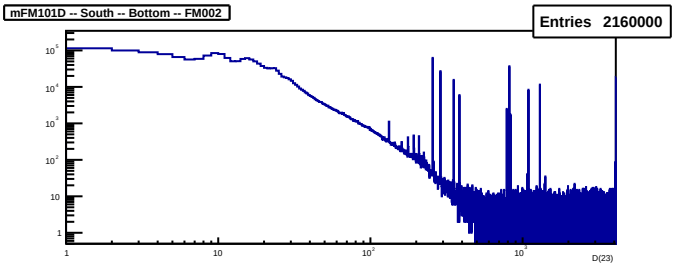
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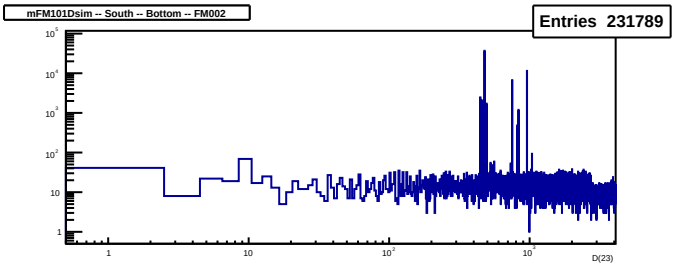
D(23)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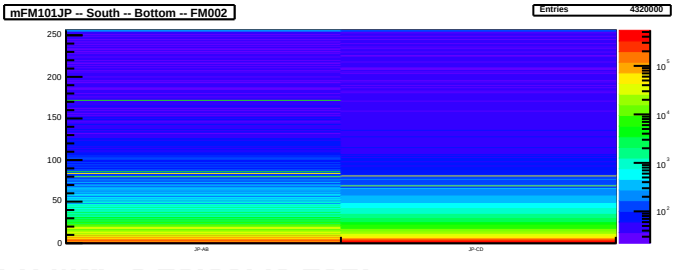
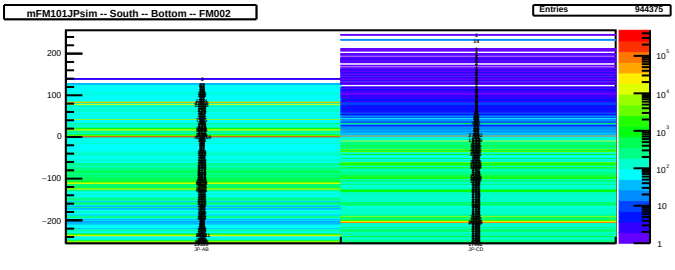

mFM101JP -- South -- Bottom -- FM002
Entries 4320000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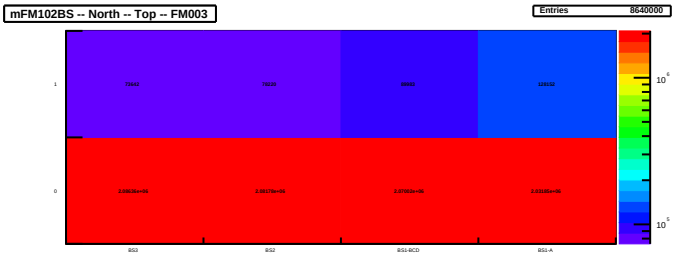
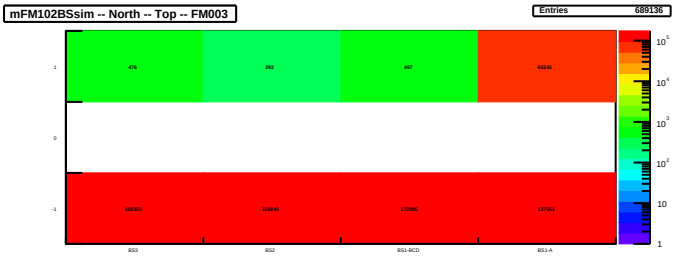

mFM102BS -- North -- Top -- FM003
Entries 8640000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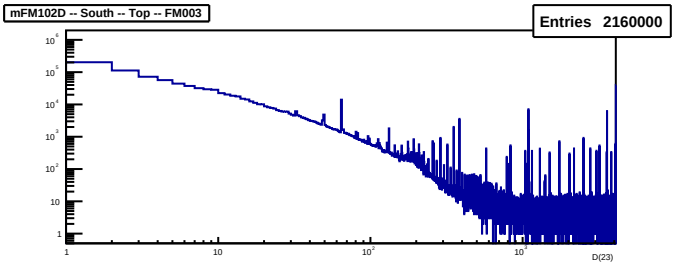
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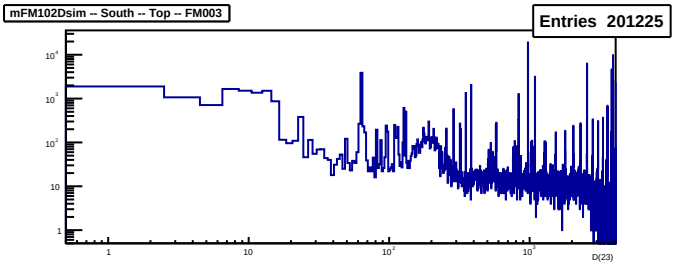
D(23)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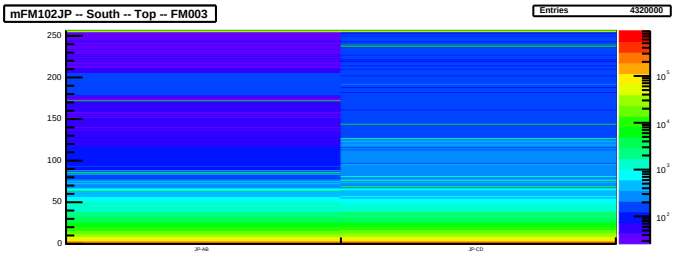
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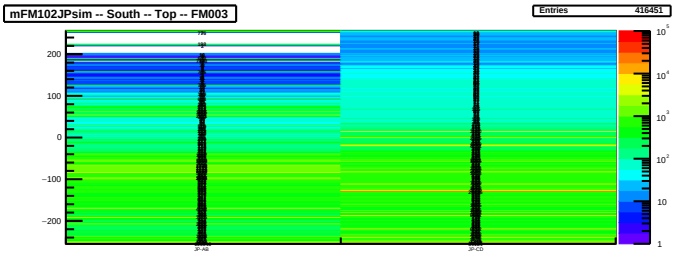
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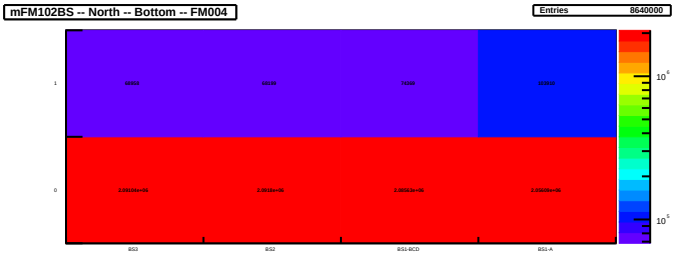
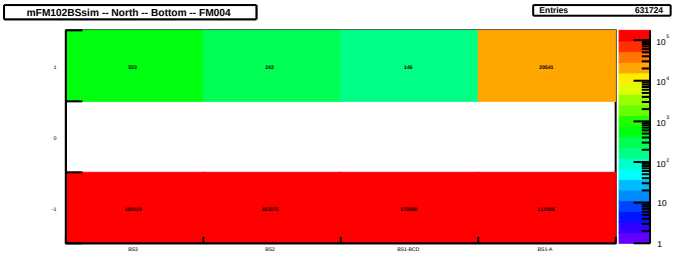

mFM102BS -- North -- Bottom -- FM004
Entries 8640000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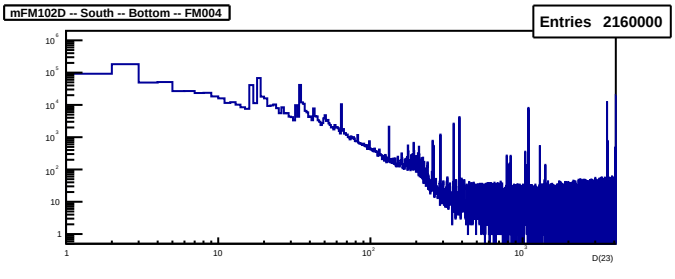
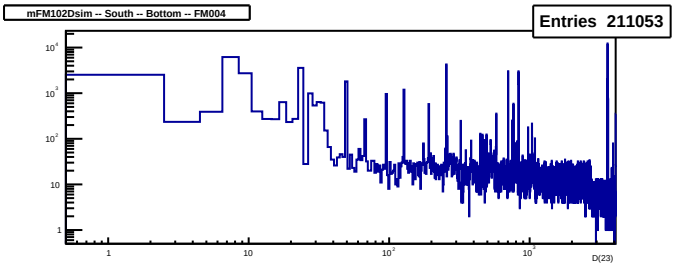

mFM102D -- South -- Bottom -- FM004
Entries 2160000
D(23)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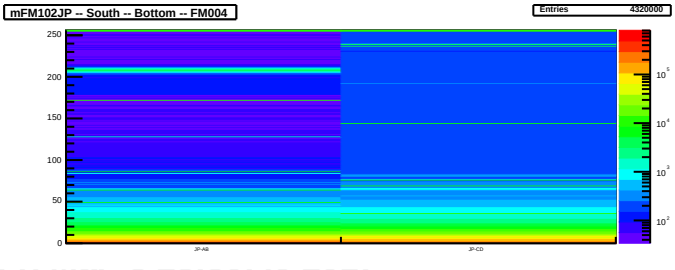
Entries 211053
D(23)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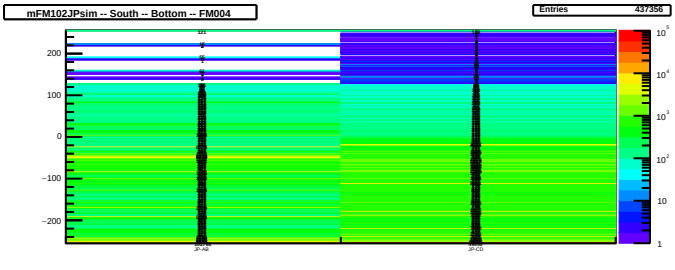
Entries 4320000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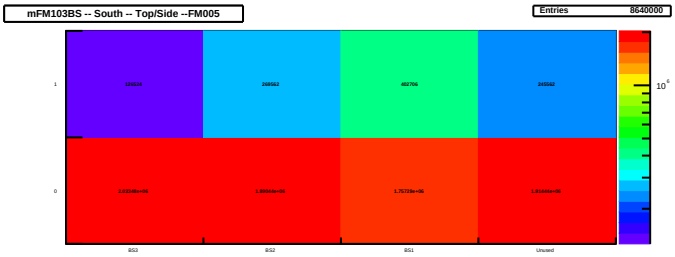
Entries 437356


mFM103BS -- South -- Top/Side --FM005
Entries 8640000
BS3
BS2
BS1
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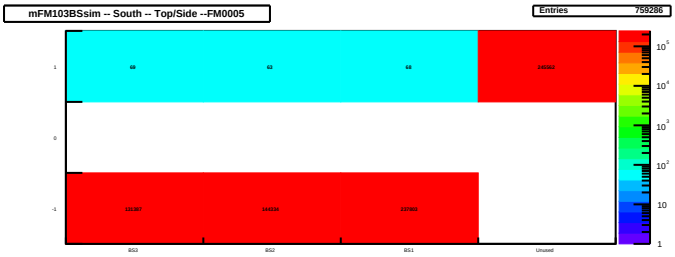
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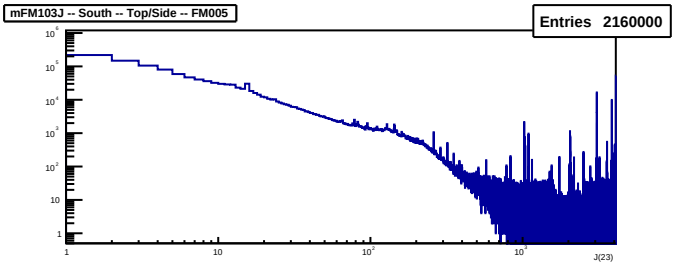
Entries 759286
BS3
BS2
BS1
Unused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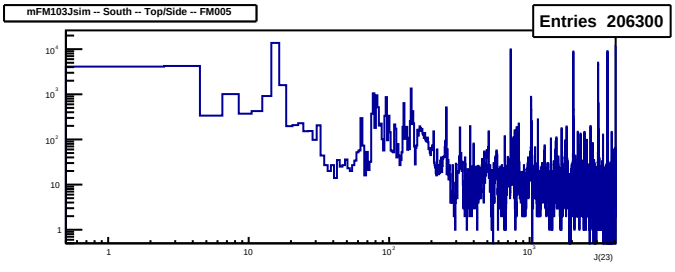
Entries 2160000
J(23)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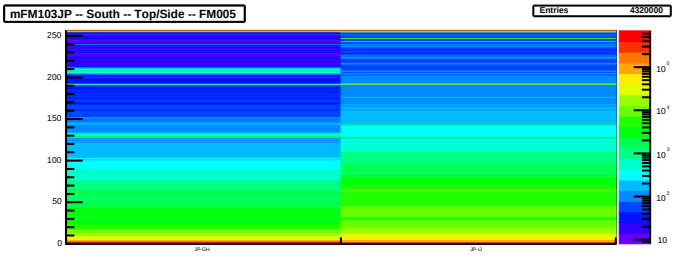
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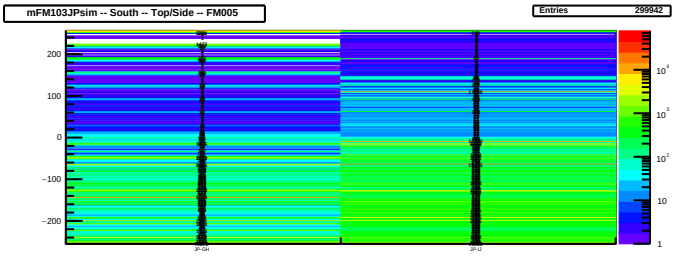
Entries 4320000
JP-G4
JP-I2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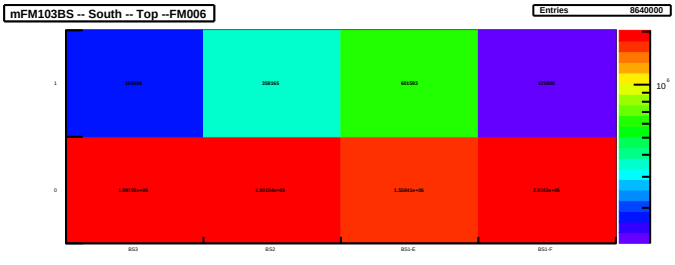
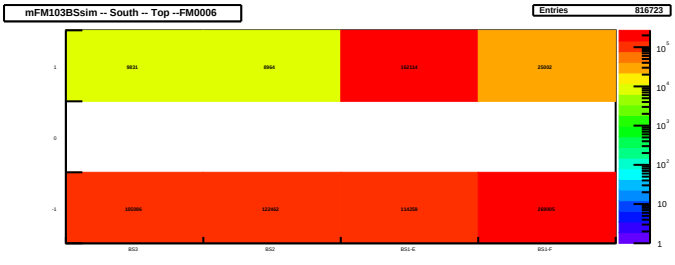
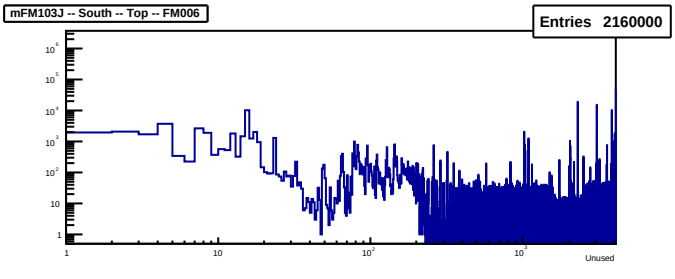
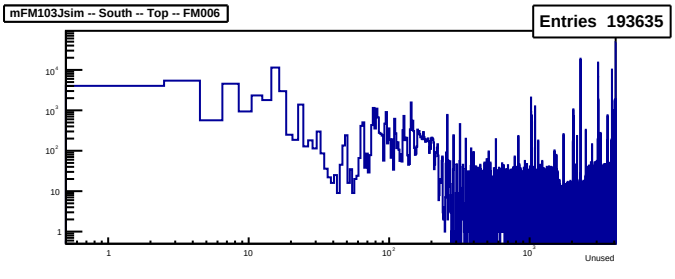
JP-G4
JP-I2


mFM103BS -- South -- Top --FM006
Entries 8640000
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 816723
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 2160000
Unused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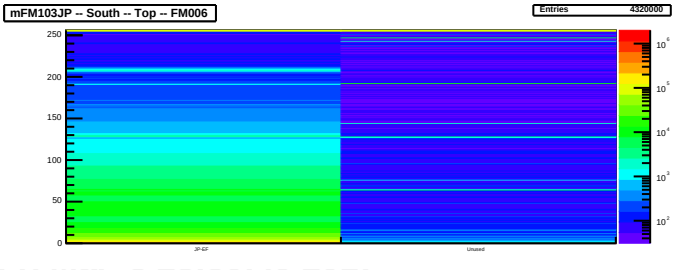
Entries 193635
Unused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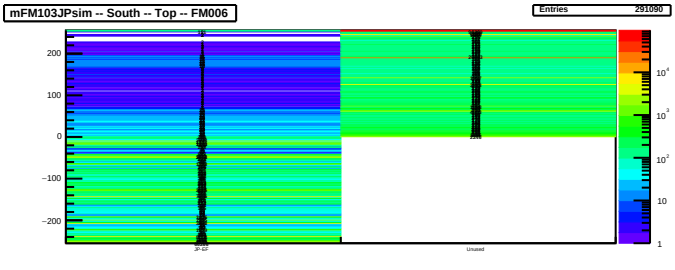
Entries 4320000
JP-E2
Unused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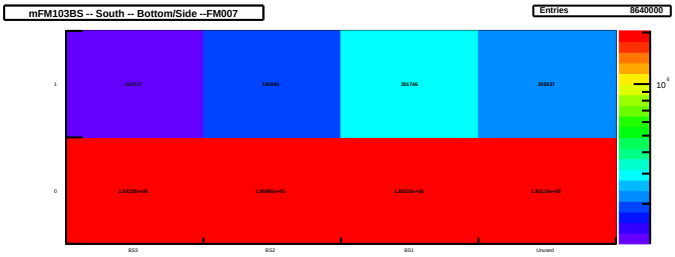
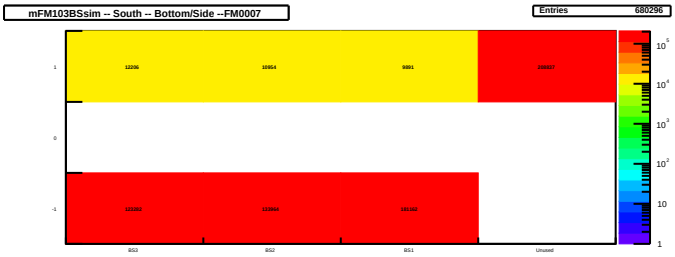
JP-E2
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 8640000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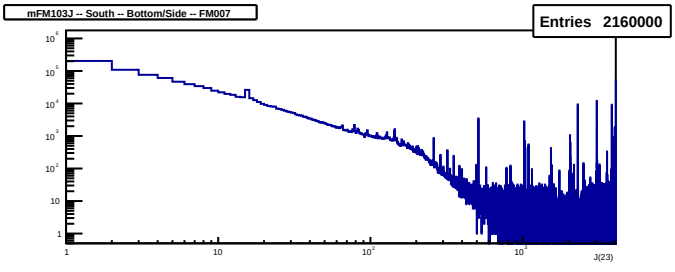
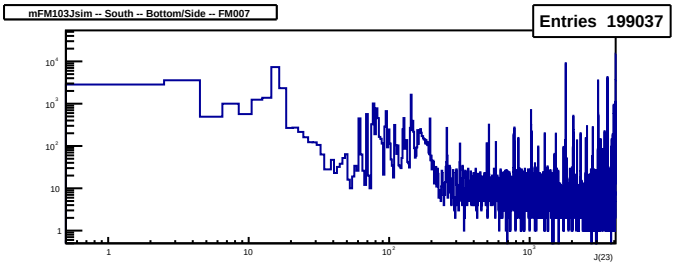
Entries 680296


mFM103J -- South -- Bottom/Side -- FM007
Entries 2160000
J(23)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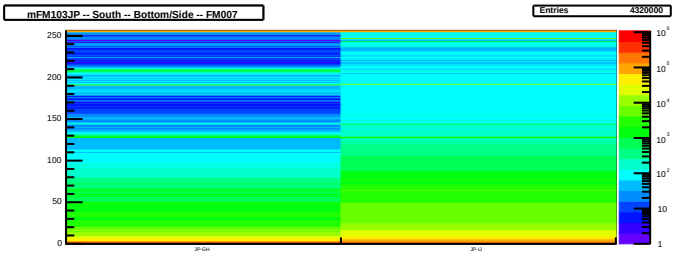
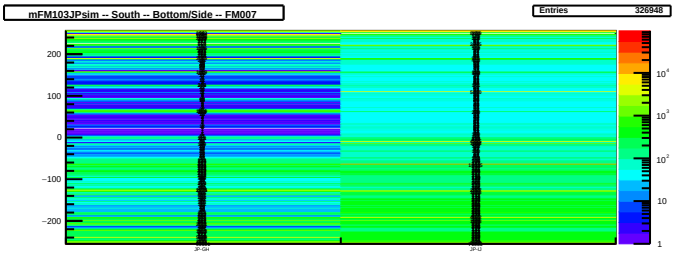
Entries 199037
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4320000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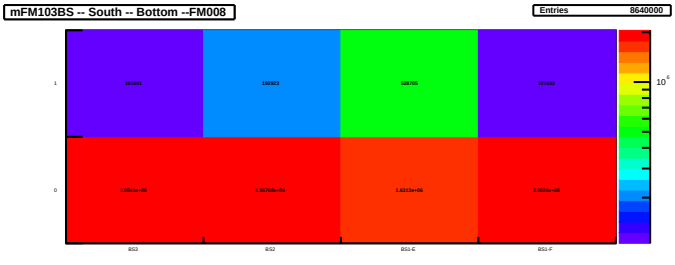
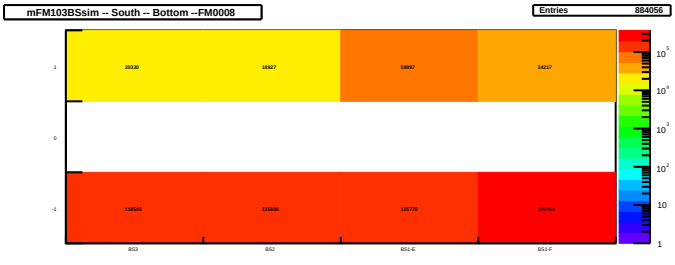

mFM103BS -- South -- Bottom --FM008
Entries 8640000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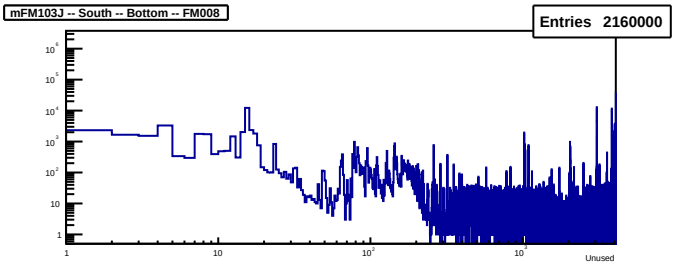
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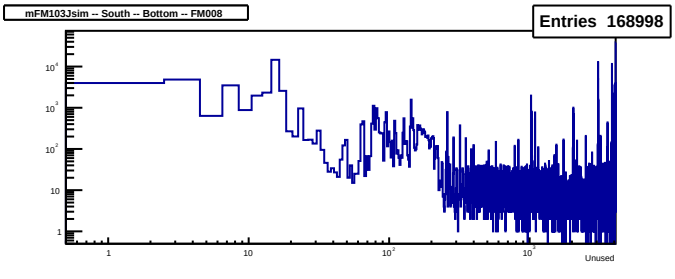
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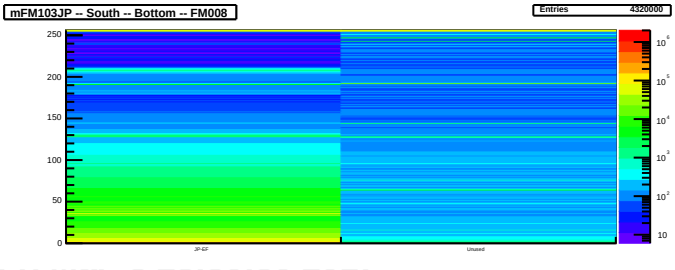
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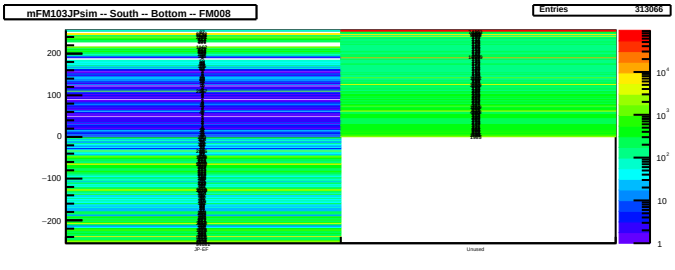
Entries 4320000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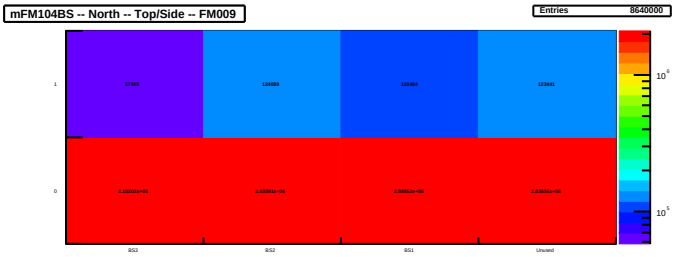
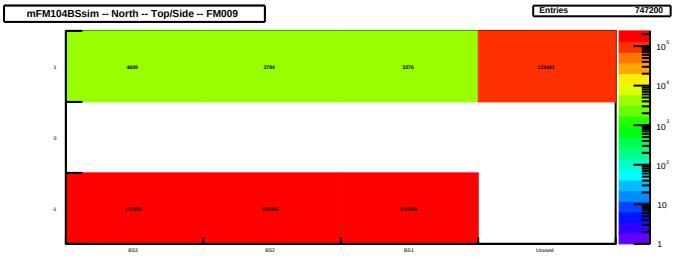
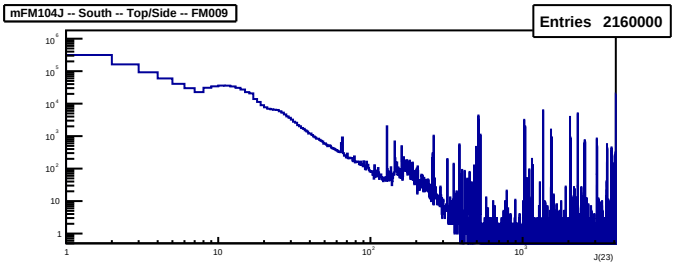
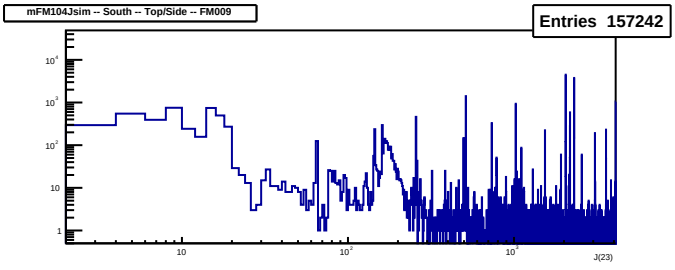
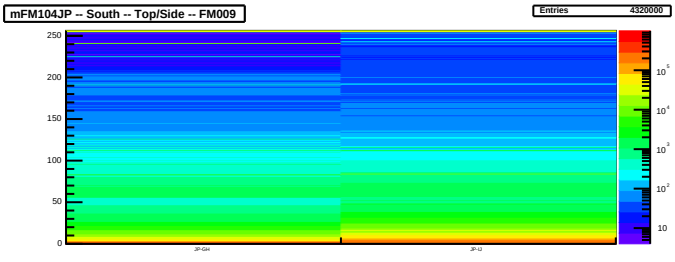
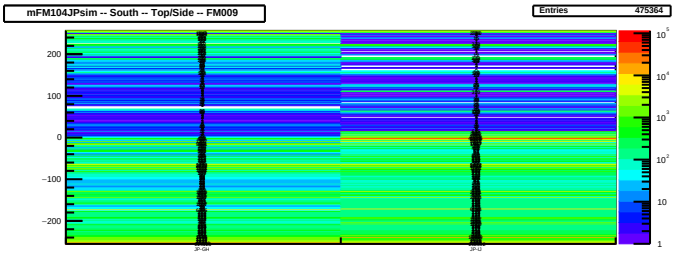

mFM104BS -- North -- Top/Side -- FM009
Entries 8640000

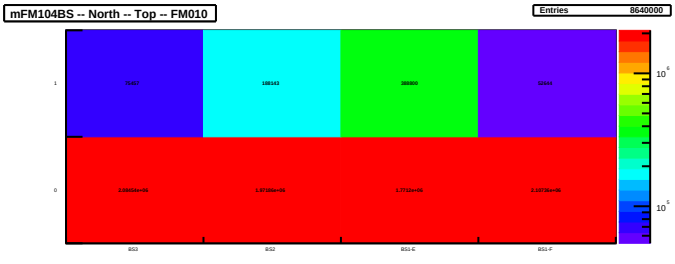

mFM104BSsim -- North -- Top/Side -- FM009
Entries 747200

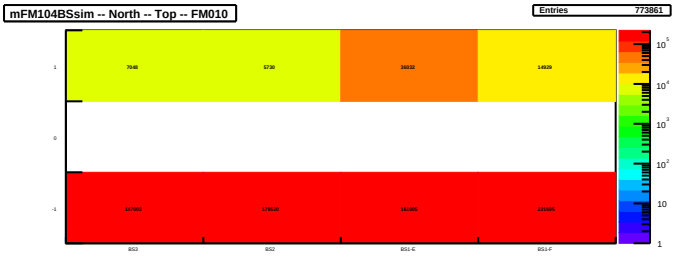

mFM104J -- South -- Top/Side -- FM009
Entries 2160000
J(23)

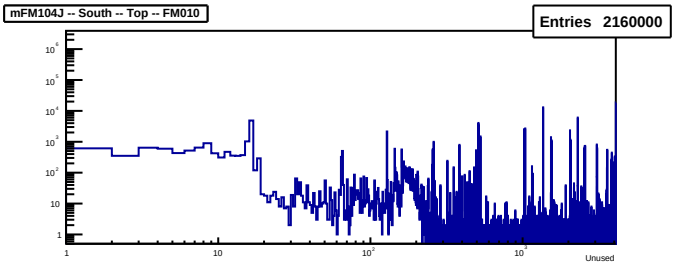

mFM104Jsim -- South -- Top/Side -- FM009
Entries 157242
J(23)

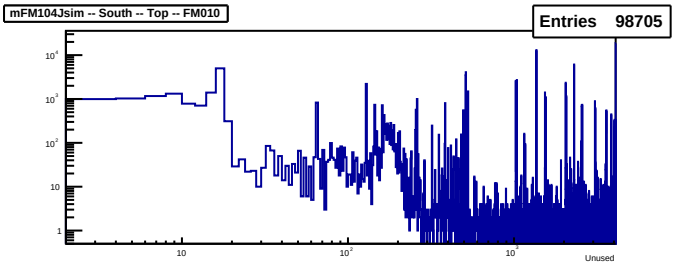

mFM104JP -- South -- Top/Side -- FM009
Entries 4320000

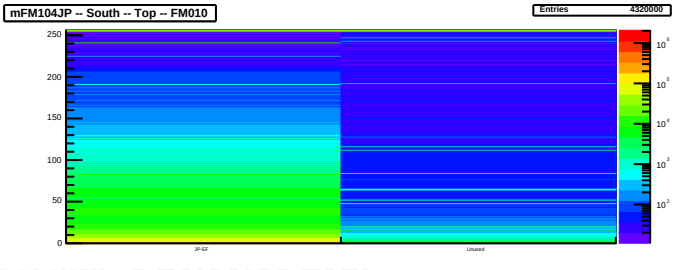

mFM104JPsim -- South -- Top/Side -- FM009
Entries 475364

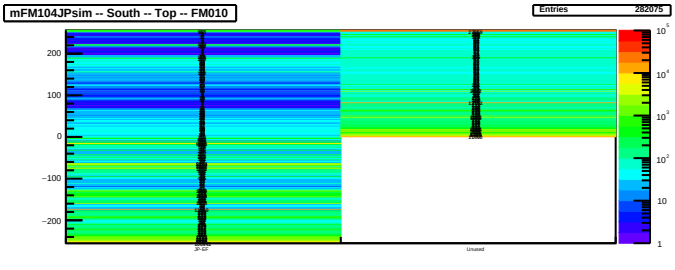

mFM104BS -- North -- Top -- FM010
Entries 8640000

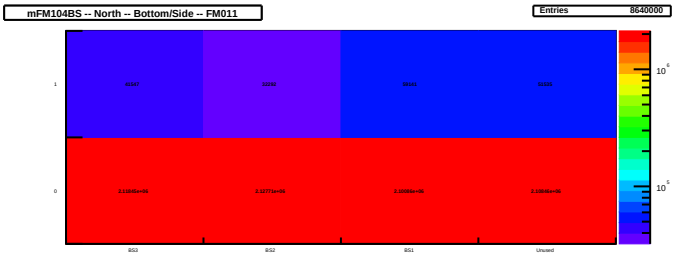

mFM104BSsim -- North -- Top -- FM010
Entries 773861

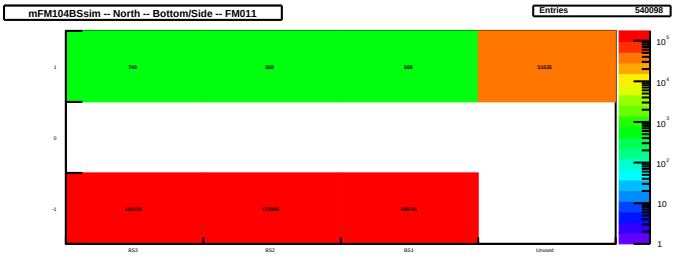

mFM104J -- South -- Top -- FM010
Entries 2160000
Unused

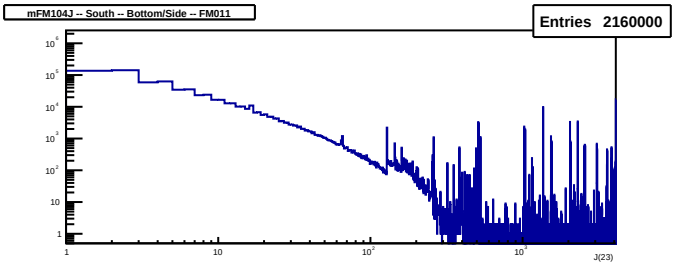

mFM104Jsim -- South -- Top -- FM010
Entries 98705
Unused

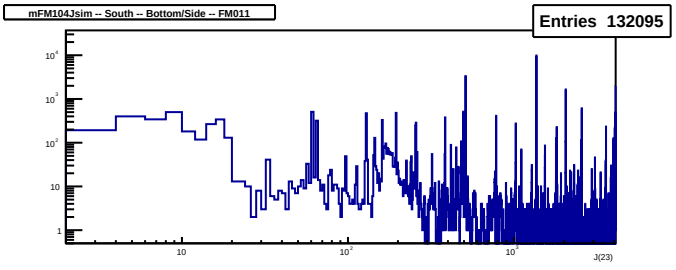

mFM104JP -- South -- Top -- FM010
Entries 4320000

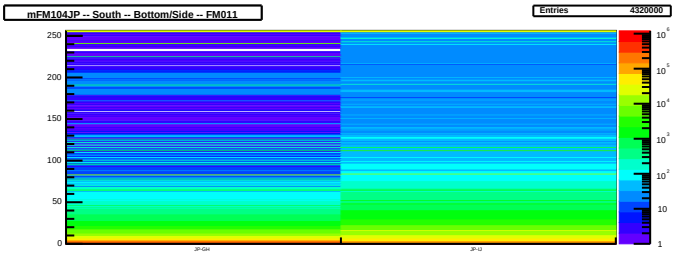

mFM104JPsim -- South -- Top -- FM010
Entries 282075

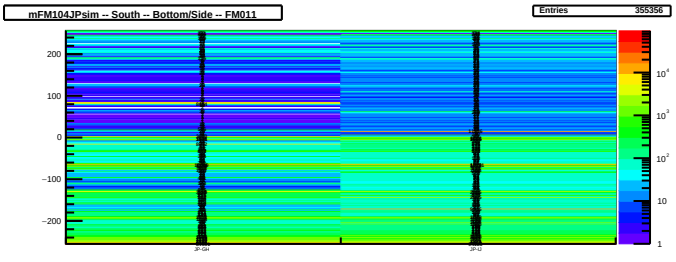

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8640000

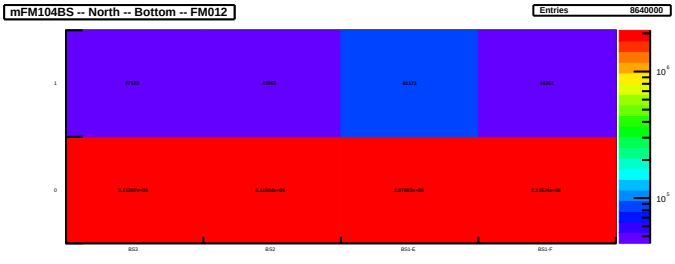

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 540098

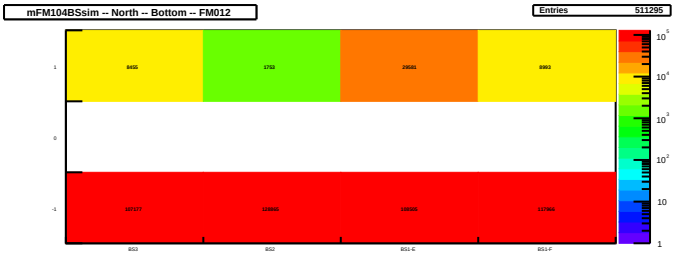

mFM104J -- South -- Bottom/Side -- FM011
Entries 2160000
J(23)

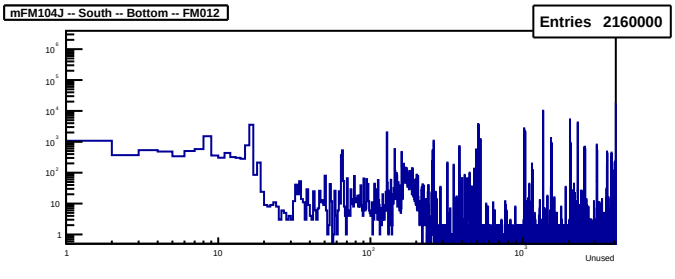

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 132095
J(23)

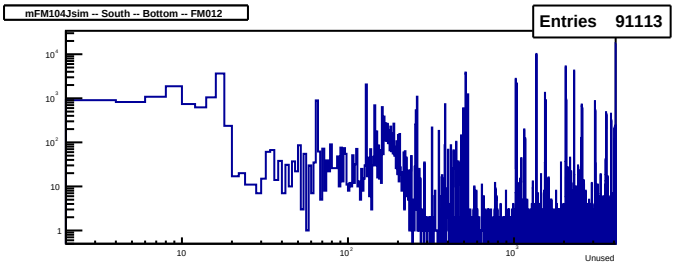

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4320000

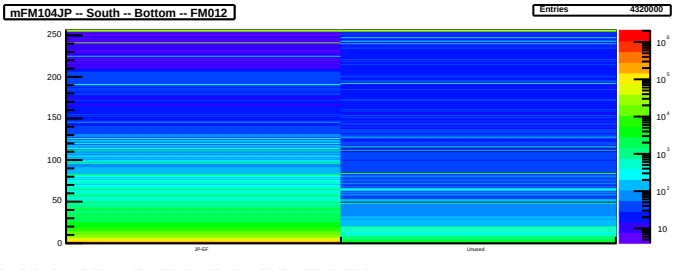

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 355356

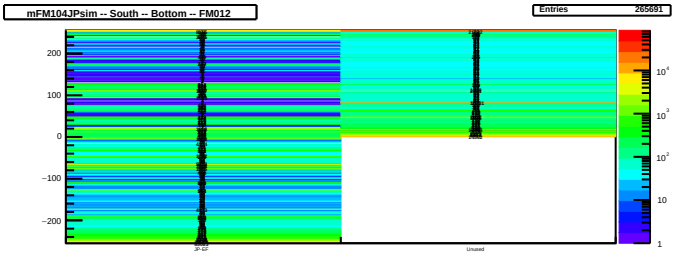

mFM104BS -- North -- Bottom -- FM012
Entries 8640000

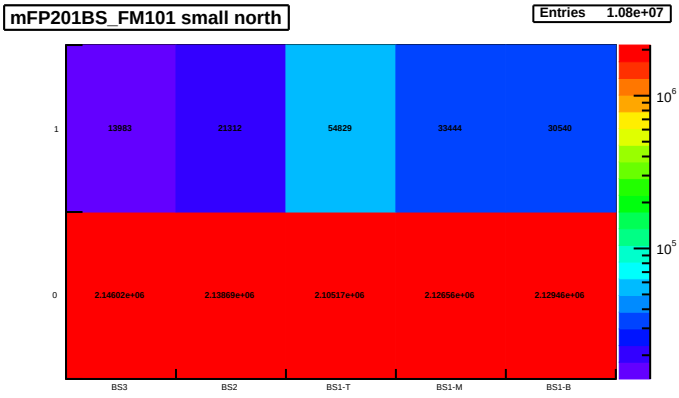

mFM104BSsim -- North -- Bottom -- FM012
Entries 511295

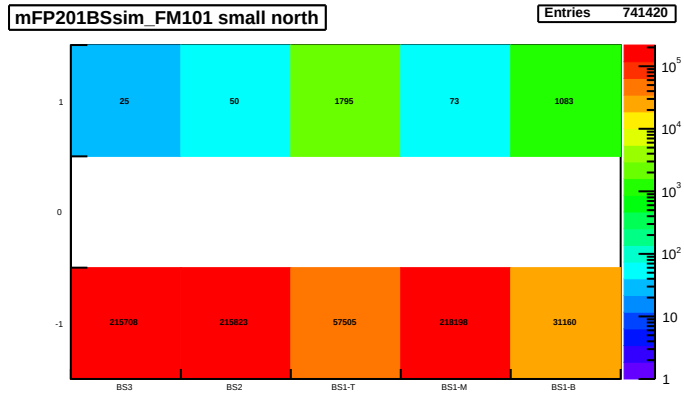

mFM104J -- South -- Bottom -- FM012
Entries 2160000
Unused

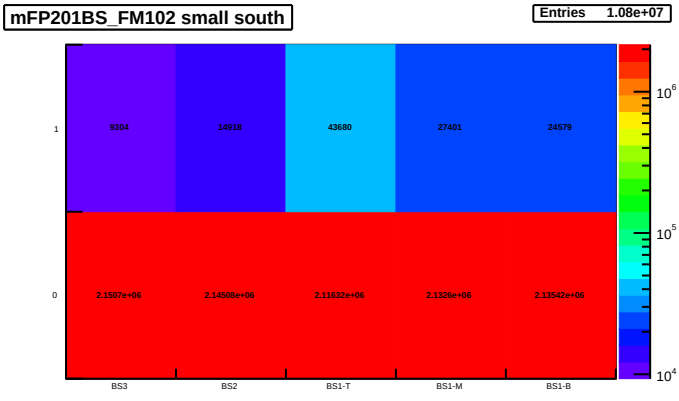

mFM104Jsim -- South -- Bottom -- FM012
Entries 91113
Unused

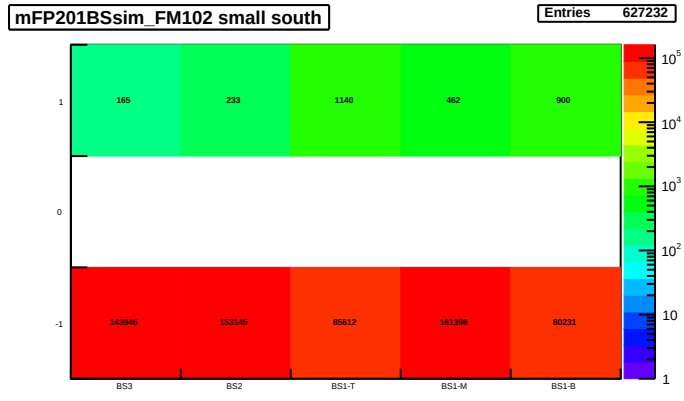

mFM104JP -- South -- Bottom -- FM012
Entries 4320000

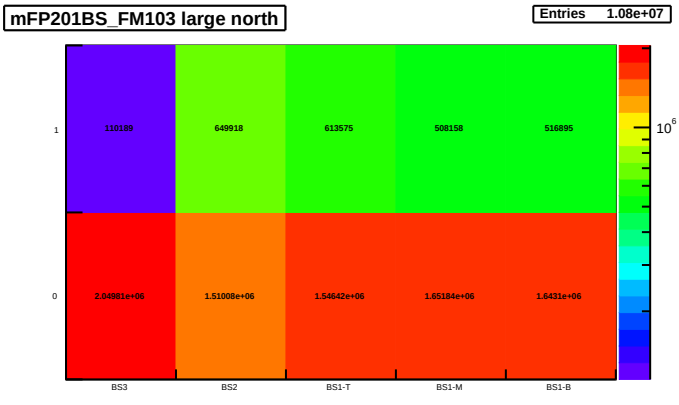

mFM104JPsim -- South -- Bottom -- FM012
Entries 265691

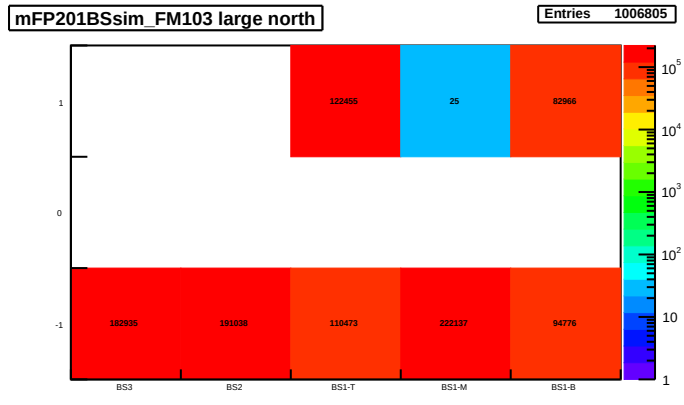

mFP201BS_FM101 small north
Entries 1.08e+07
13983
21312
54829
33444
30540
2.14602e+06
2.13869e+06
2.10517e+06
2.12656e+06
2.12946e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

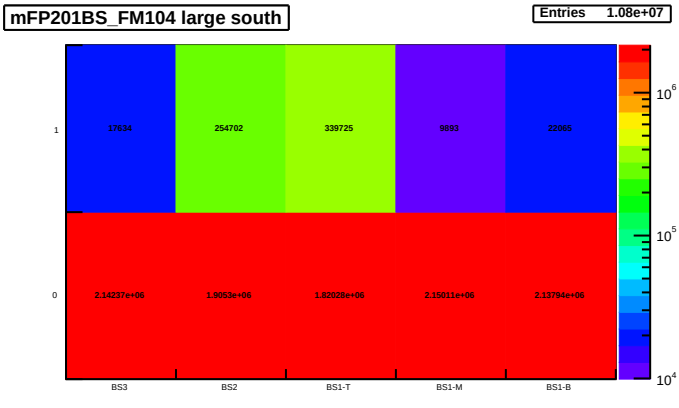

mFP201BSsim_FM101 small north
Entries 741420
25
50
1795
73
1083
215708
215823
57505
218198
31160
BS3
BS2
BS1-T
BS1-M
BS1-B

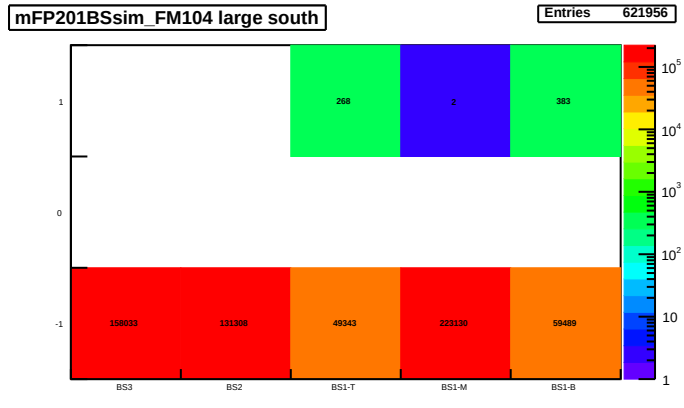

mFP201BS_FM102 small south
Entries 1.08e+07
9304
14918
43680
27401
24579
2.1507e+06
2.14508e+06
2.11632e+06
2.1326e+06
2.13542e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

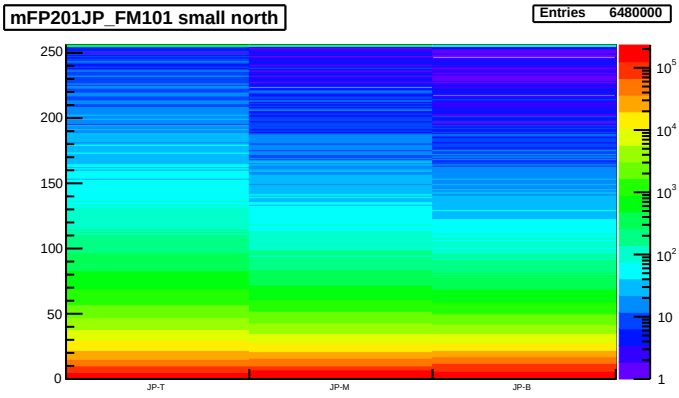

mFP201BSsim_FM102 small south
Entries 627232
165
233
1140
462
900
143946
153145
85612
161398
80231
BS3
BS2
BS1-T
BS1-M
BS1-B

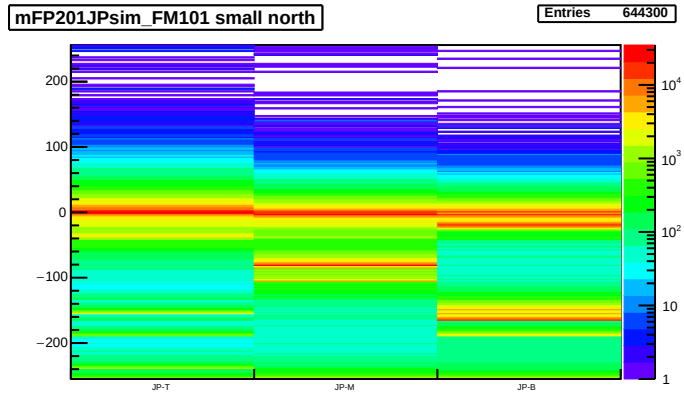

mFP201BS_FM103 large north
Entries 1.08e+07
110189
649918
613575
508158
516895
2.04981e+06
1.51008e+06
1.54642e+06
1.65184e+06
1.6431e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

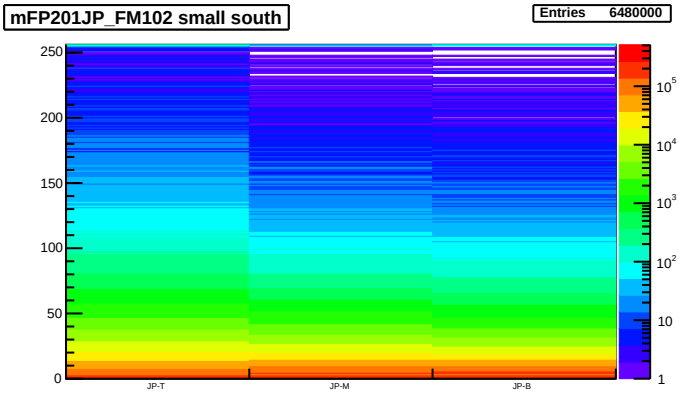

mFP201BSsim_FM103 large north
Entries 1006805
122455
25
82966
182935
191038
110473
222137
94776
BS3
BS2
BS1-T
BS1-M
BS1-B

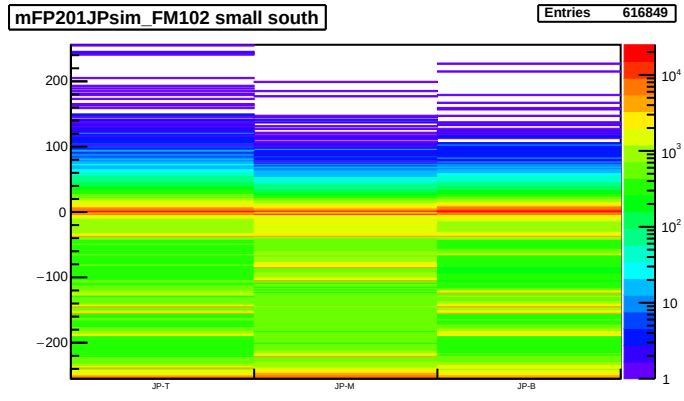

mFP201BS_FM104 large south
Entries 1.08e+07
17634
254702
339725
9893
22065
2.14237e+06
1.9053e+06
1.82028e+06
2.15011e+06
2.13794e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

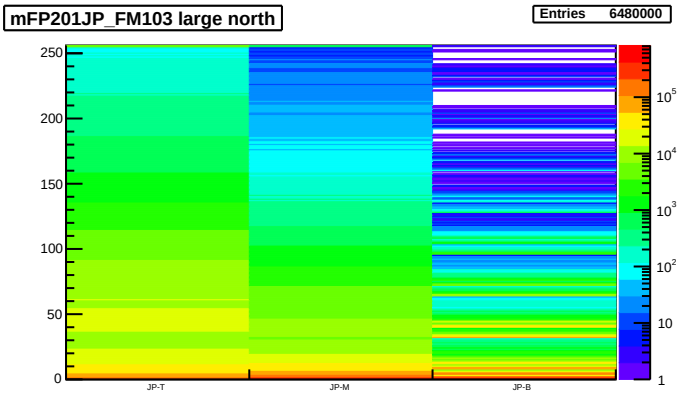

mFP201BSsim_FM104 large south
Entries 621956
268
2
383
158033
131308
49343
223130
59489
BS3
BS2
BS1-T
BS1-M
BS1-B

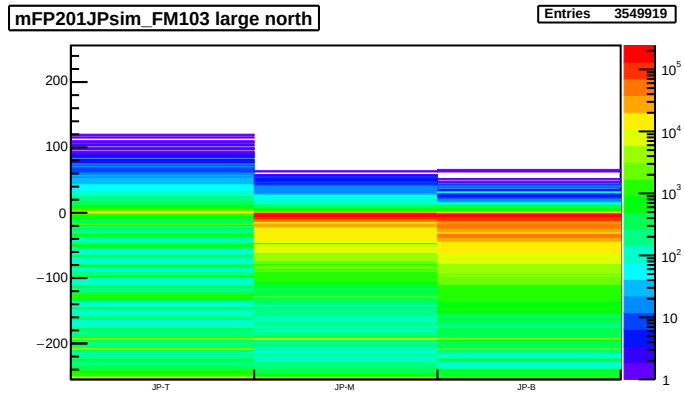

mFP201JP_FM101 small north
Entries 6480000
JP-T
JP-M
JP-B

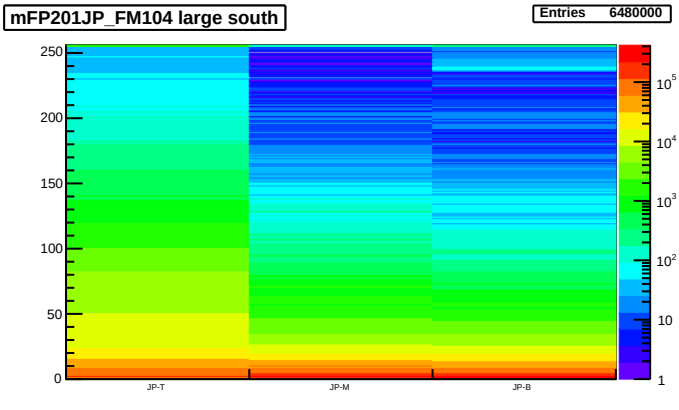

mFP201JPsim_FM101 small north
Entries 644300
JP-T
JP-M
JP-B

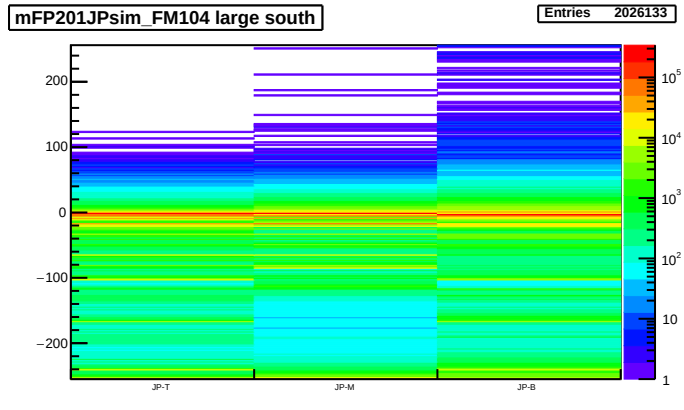

mFP201JP_FM102 small south
Entries 6480000
JP-T
JP-M
JP-B

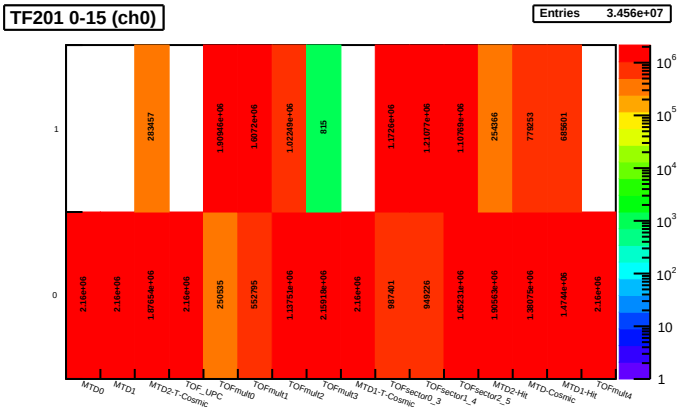

mFP201JPsim_FM102 small south
Entries 616849
JP-T
JP-M
JP-B

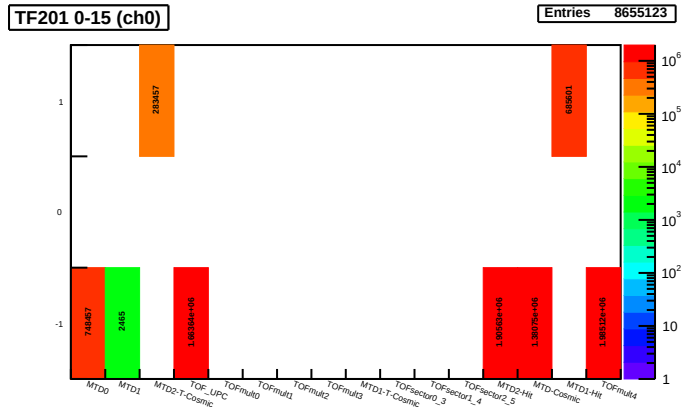

mFP201JP_FM103 large north
Entries 6480000
JP-T
JP-M
JP-B

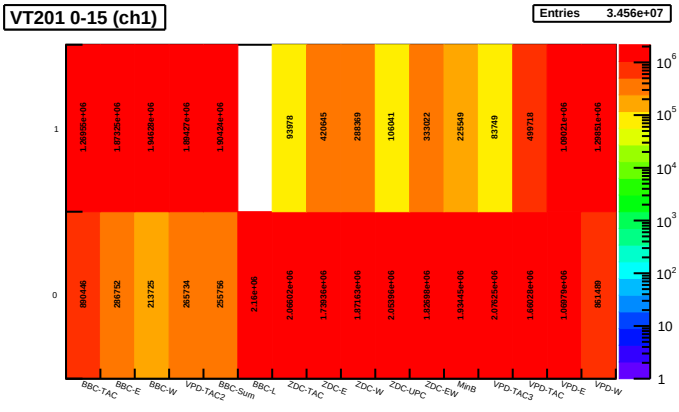

mFP201JPsim_FM103 large north
Entries 3549919
JP-T
JP-M
JP-B

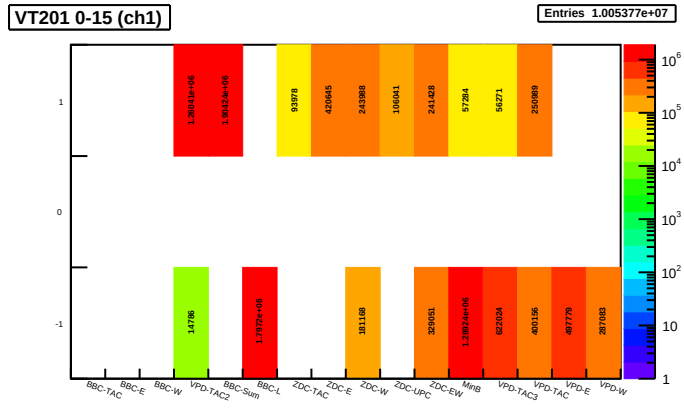

mFP201JP_FM104 large south
Entries 6480000
JP-T
JP-M
JP-B

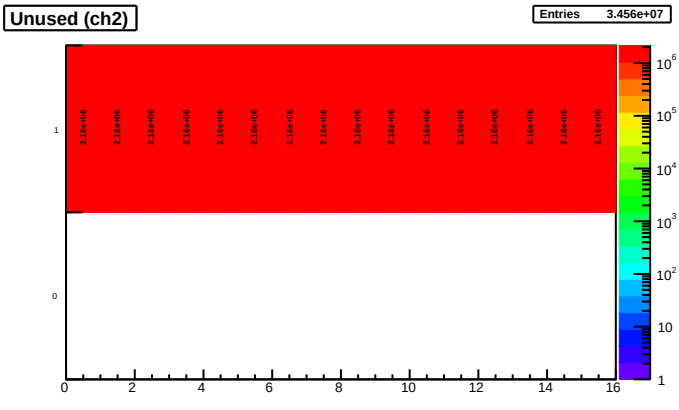

mFP201JPsim_FM104 large south
Entries 2026133
JP-T
JP-M
JP-B

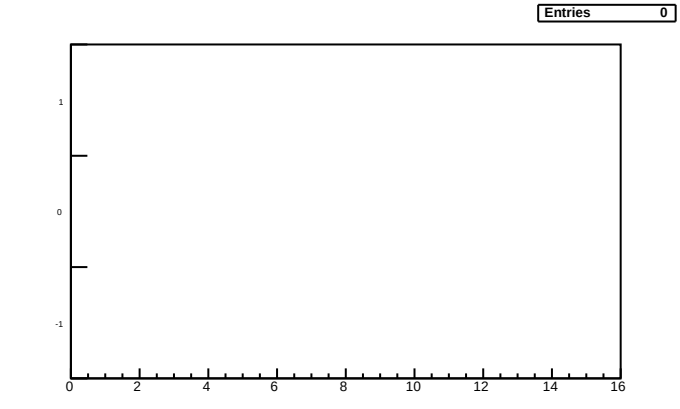

TF201 0-15 (ch0)
Entries 3.456e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

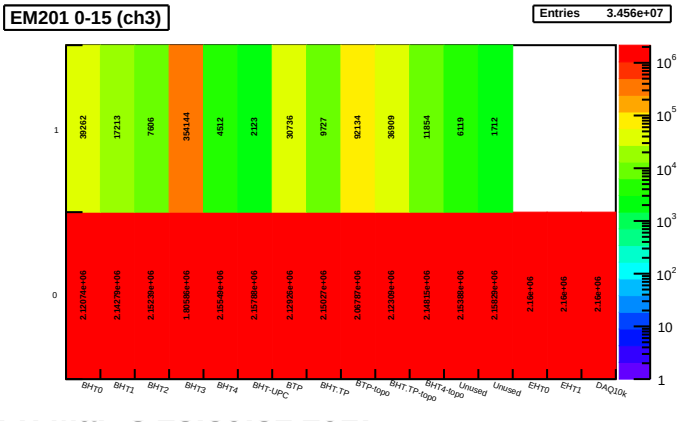

TF201 0-15 (ch0)
Entries 8655123
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

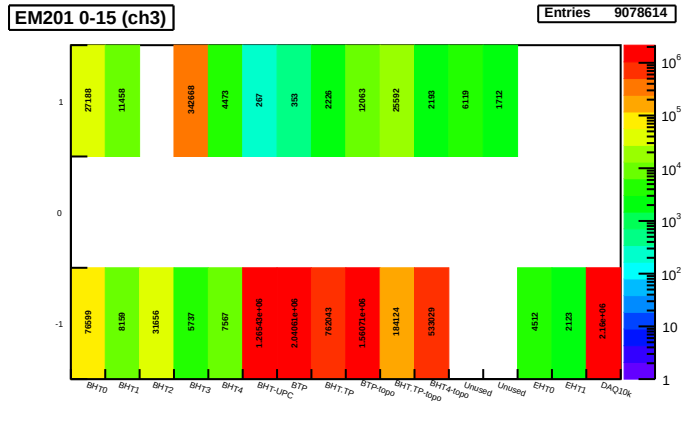

VT201 0-15 (ch1)
Entries 3.456e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

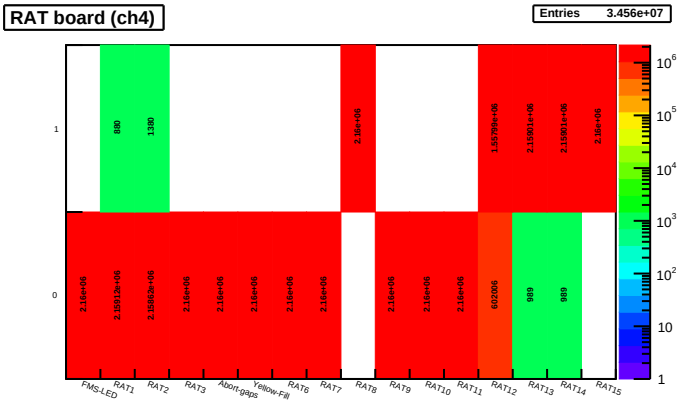

VT201 0-15 (ch1)
Entries 1.005377e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

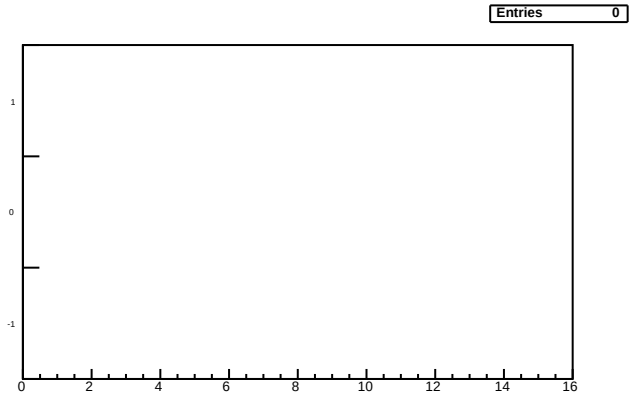

Unused (ch2)
Entries 3.456e+07

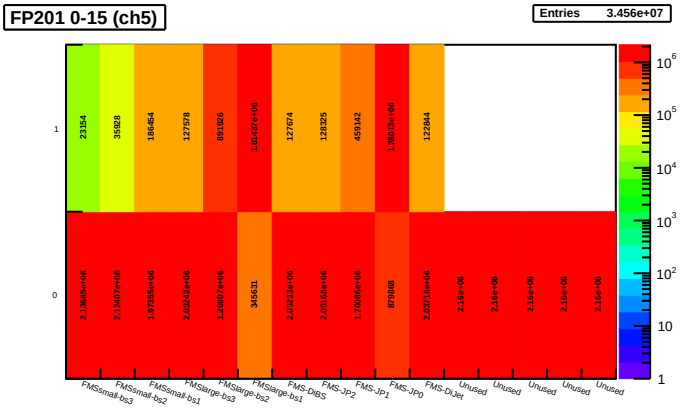

Entries 0

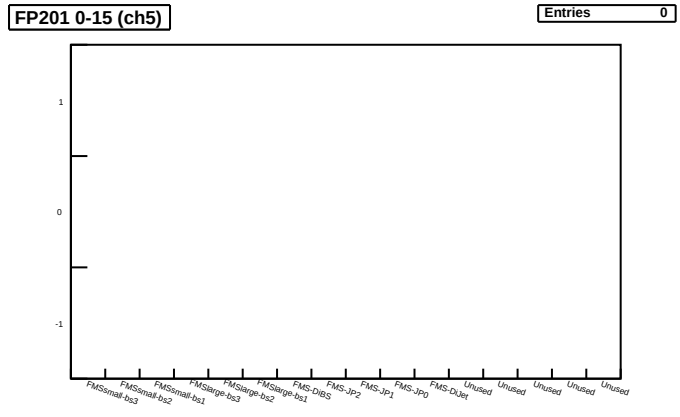

EM201 0-15 (ch3)
Entries 3.456e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

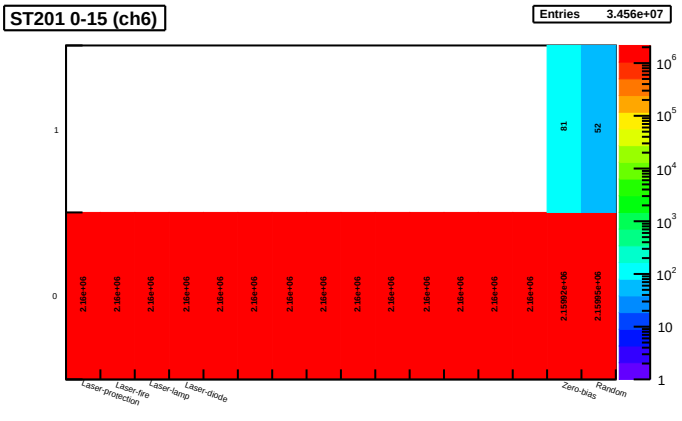

EM201 0-15 (ch3)
Entries 9078614
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

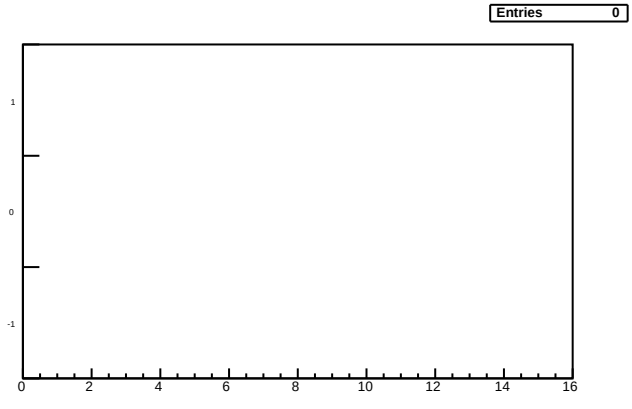

RAT board (ch4)
Entries 3.456e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

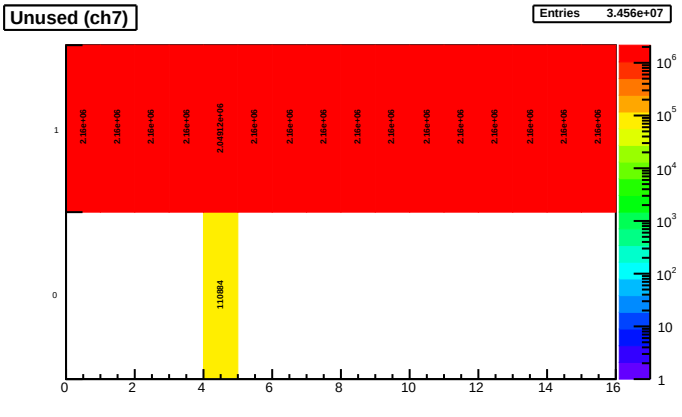

Entries 0

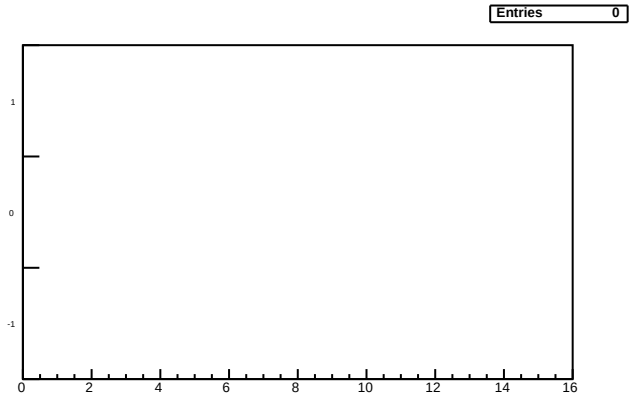

FP201 0-15 (ch5)
Entries 3.456e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 3.456e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3.456e+07


Entries 0