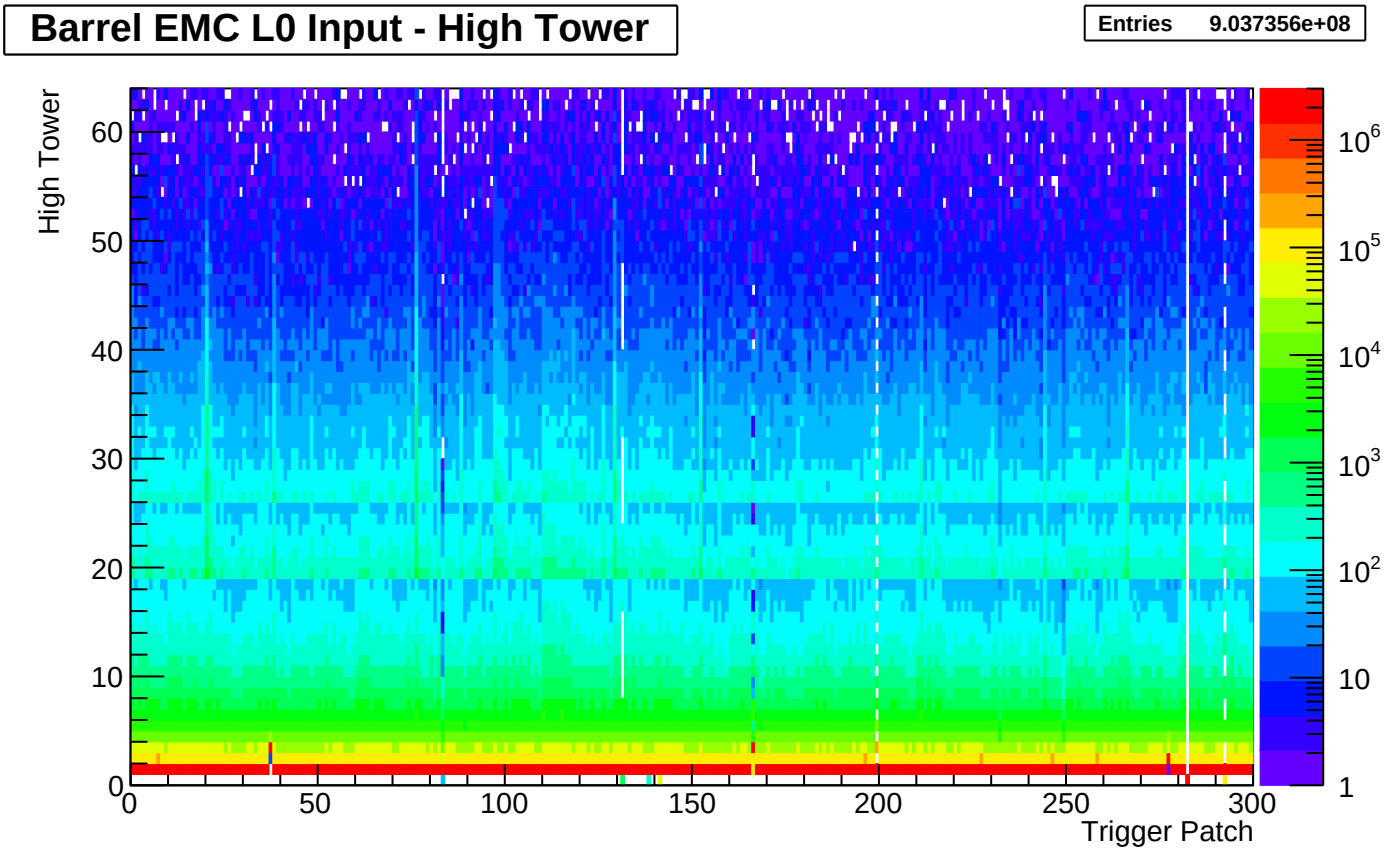
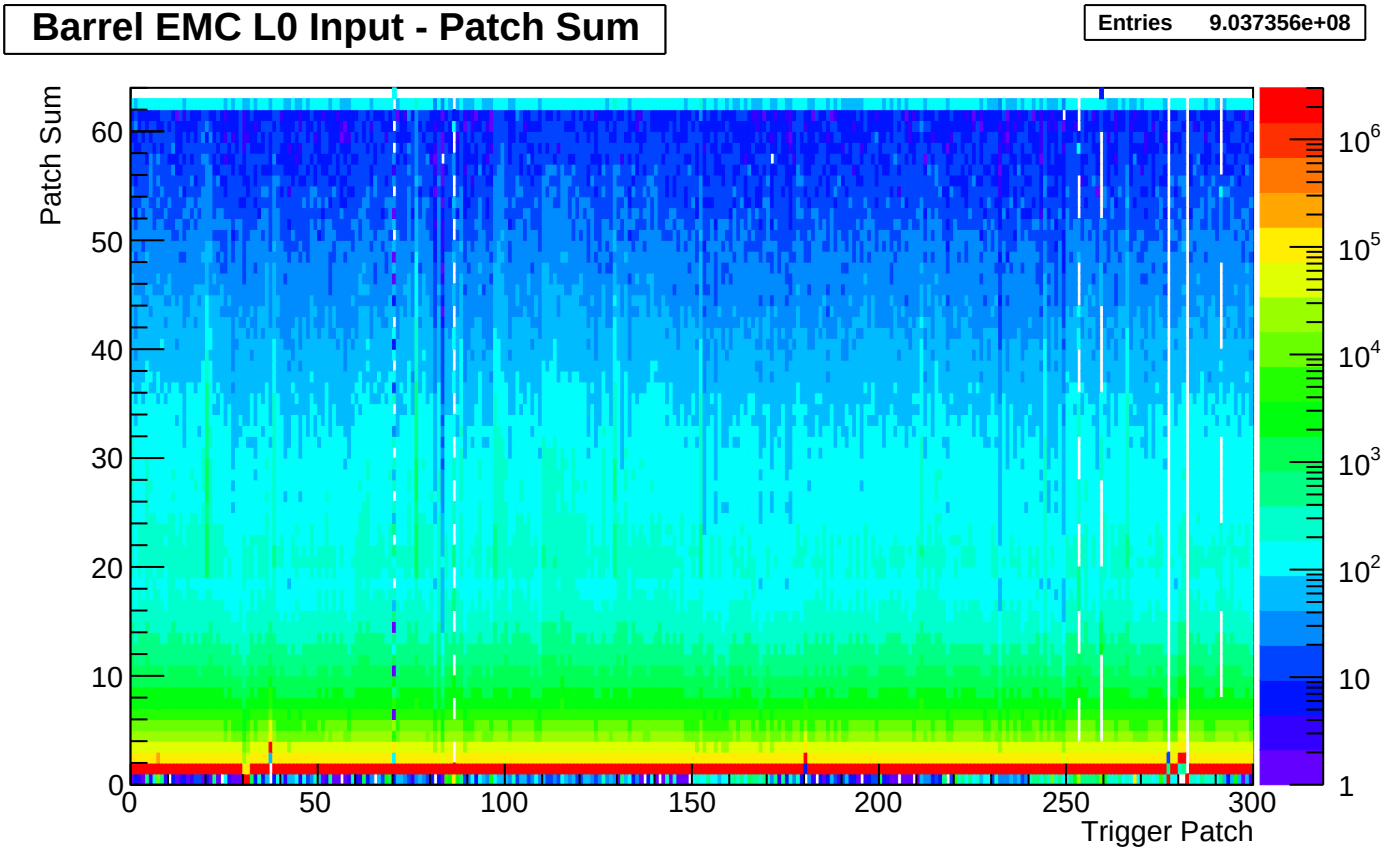
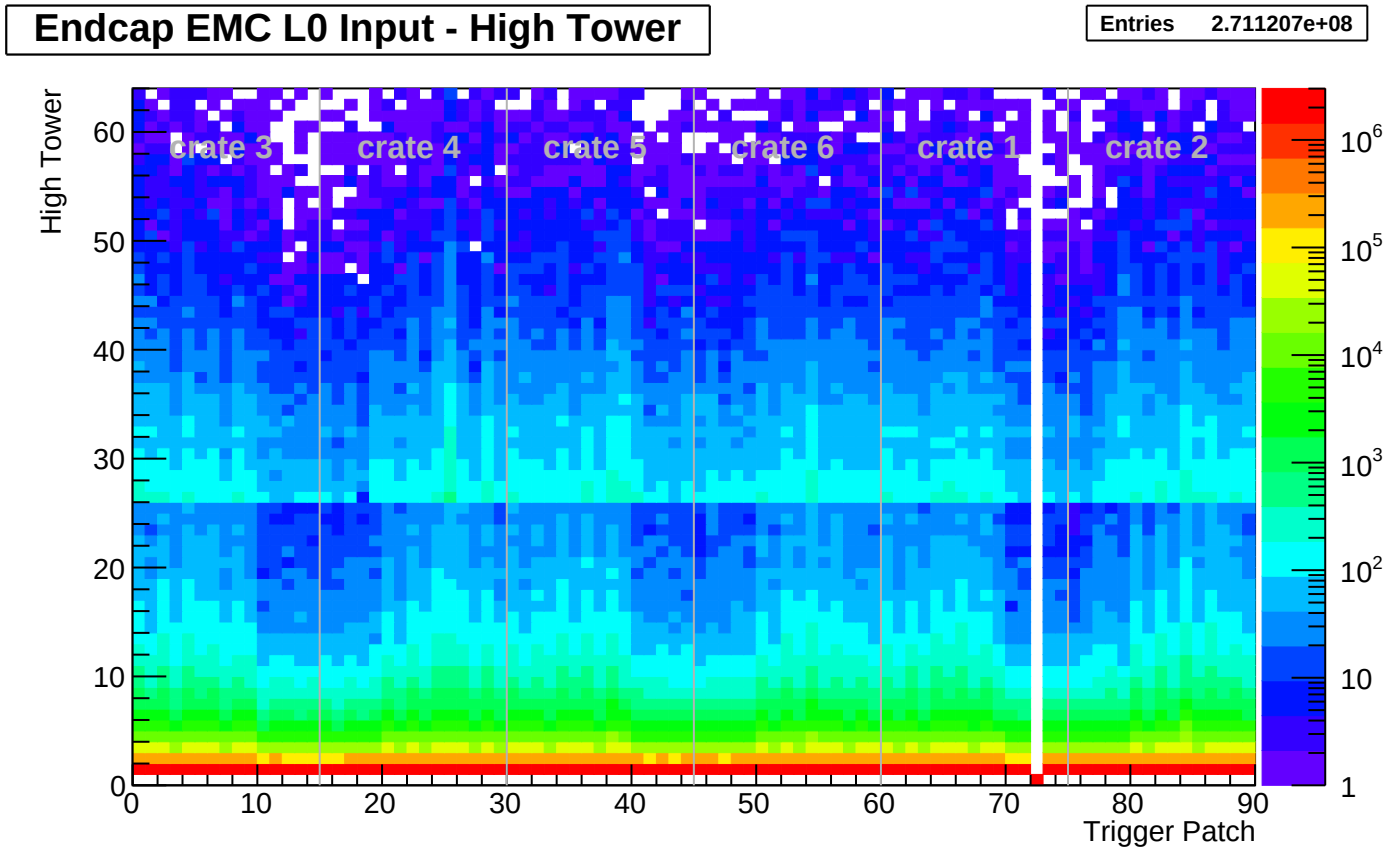
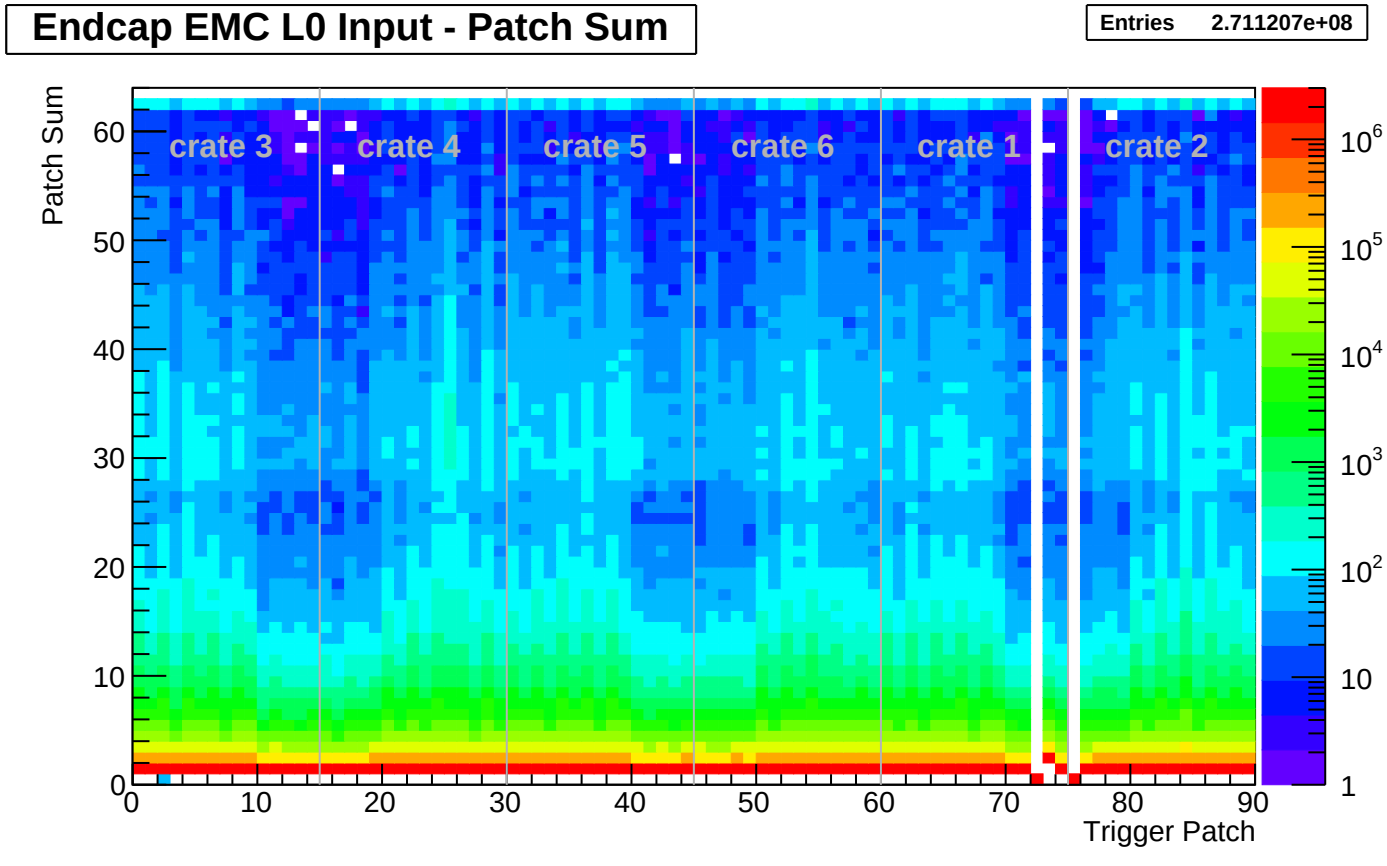
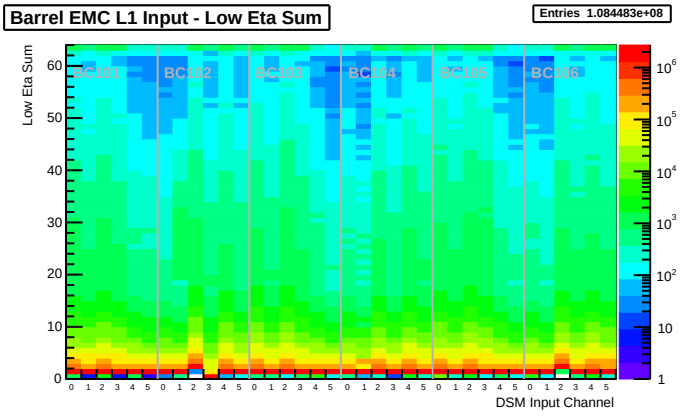
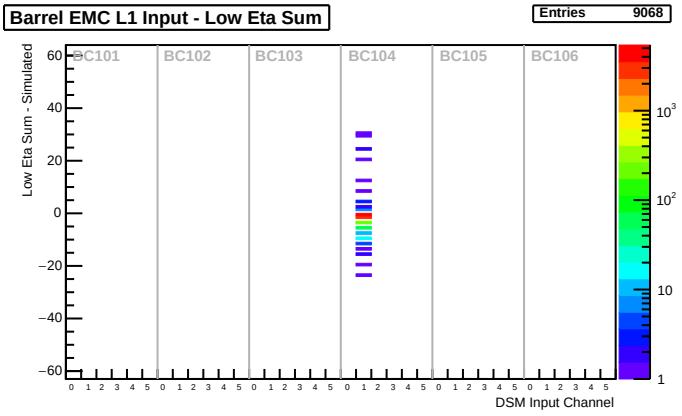

Barrel EMC L0 Input - High Tower
Entries 9.037356e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

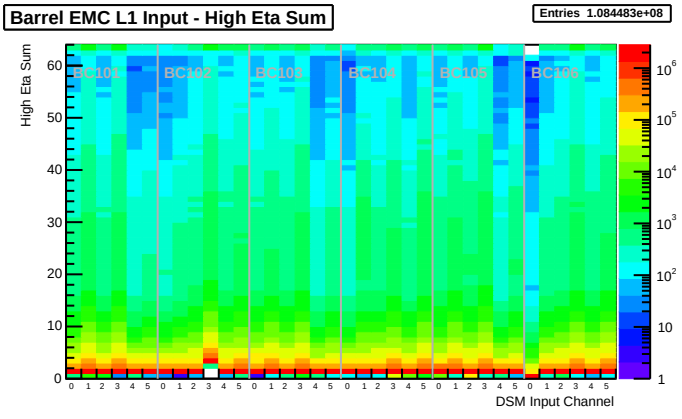

Barrel EMC L0 Input - Patch Sum
Entries 9.037356e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

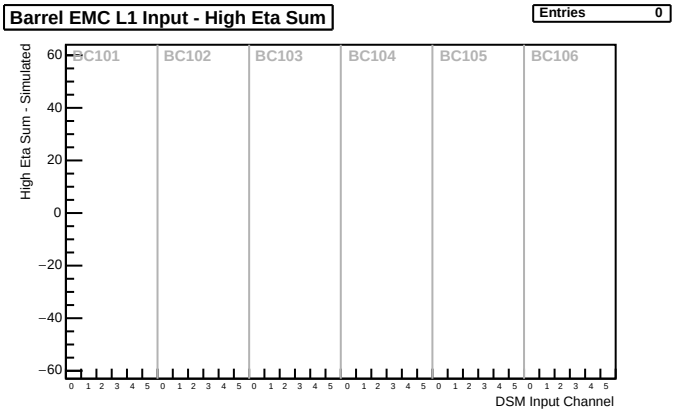

Endcap EMC L0 Input - High Tower
Entries 2.711207e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

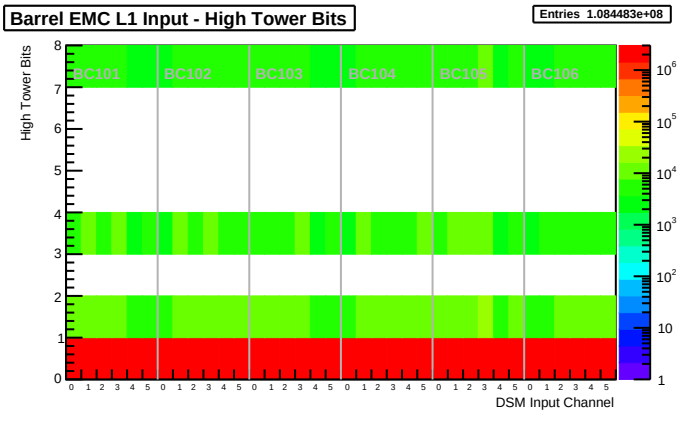

Endcap EMC L0 Input - Patch Sum
Entries 2.711207e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

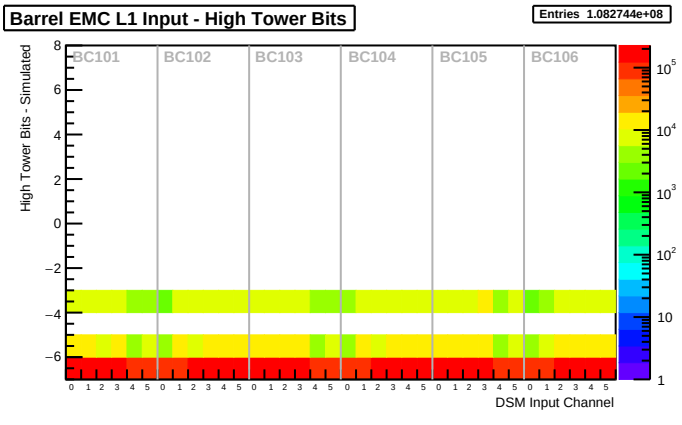

Barrel EMC L1 Input - Low Eta Sum
Entries 1.084483e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

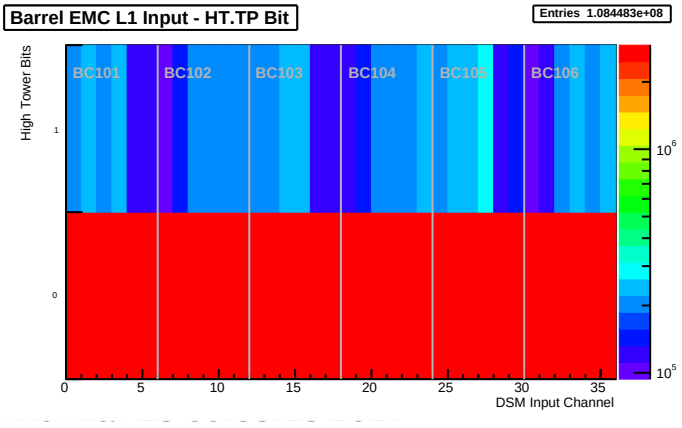

Barrel EMC L1 Input - Low Eta Sum
Entries 9068
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

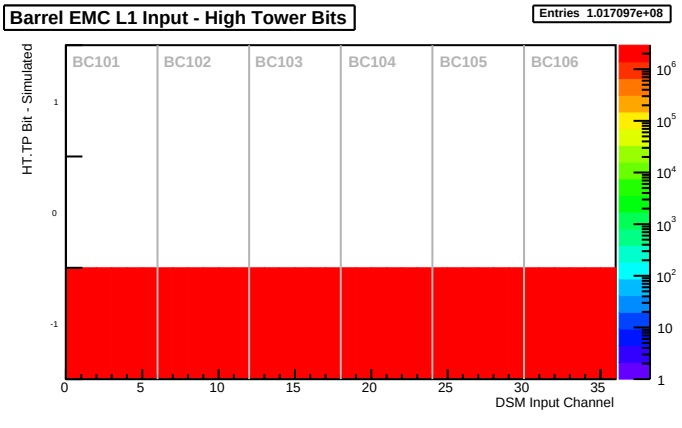

Barrel EMC L1 Input - High Eta Sum
Entries 1.084483e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

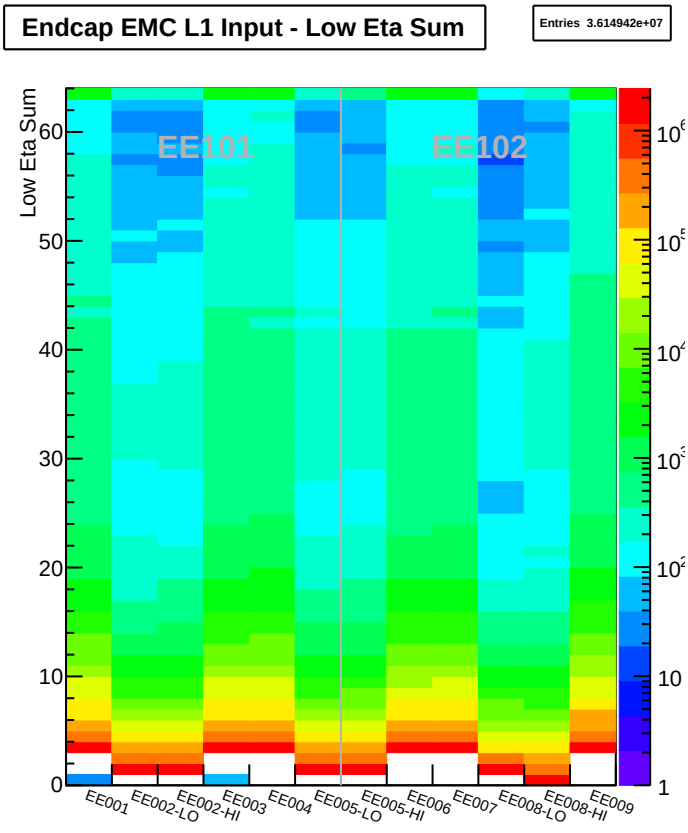

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

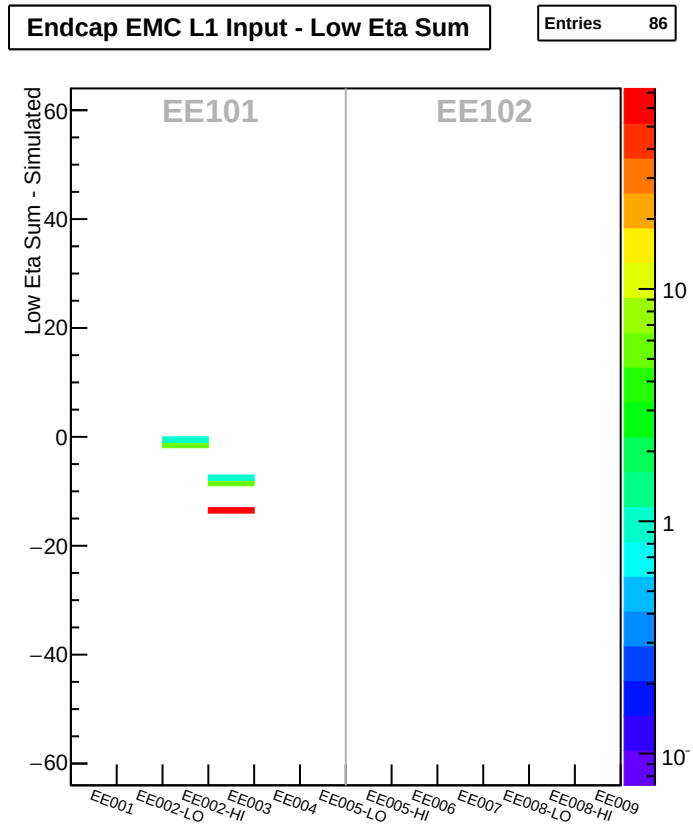

Barrel EMC L1 Input - High Tower Bits
Entries 1.084483e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

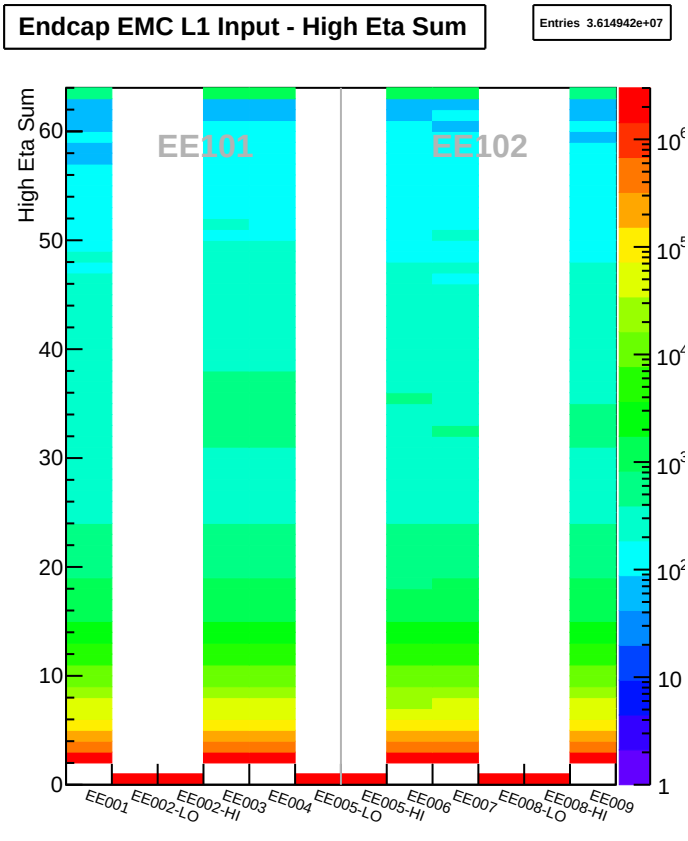

Barrel EMC L1 Input - High Tower Bits
Entries 1.082744e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

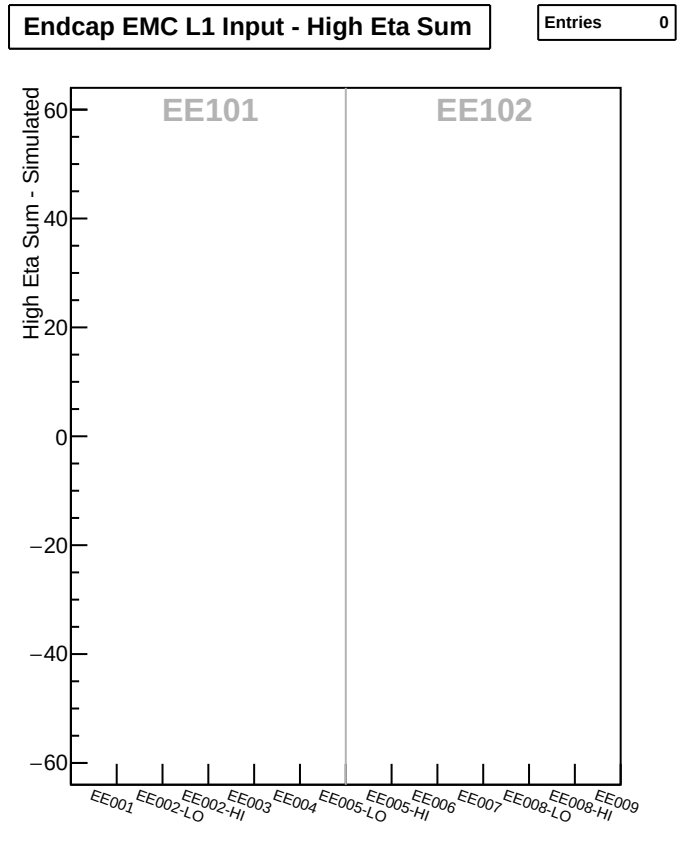

Barrel EMC L1 Input - HT.TP Bit
Entries 1.084483e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 1.017097e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 3.614942e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

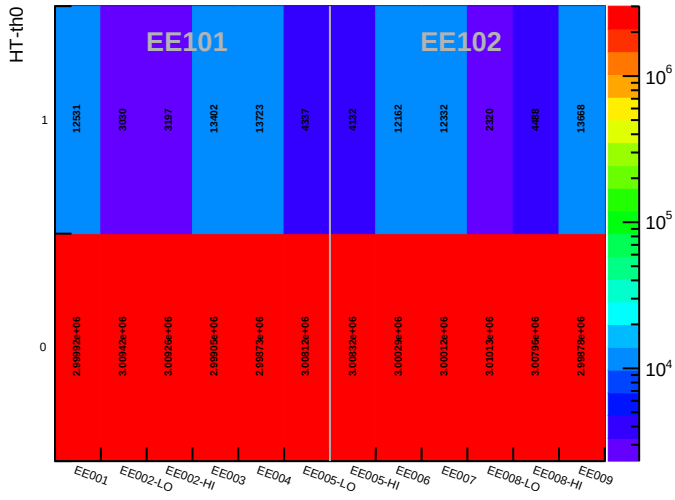

Endcap EMC L1 Input - Low Eta Sum
Entries 86
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 3.614942e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

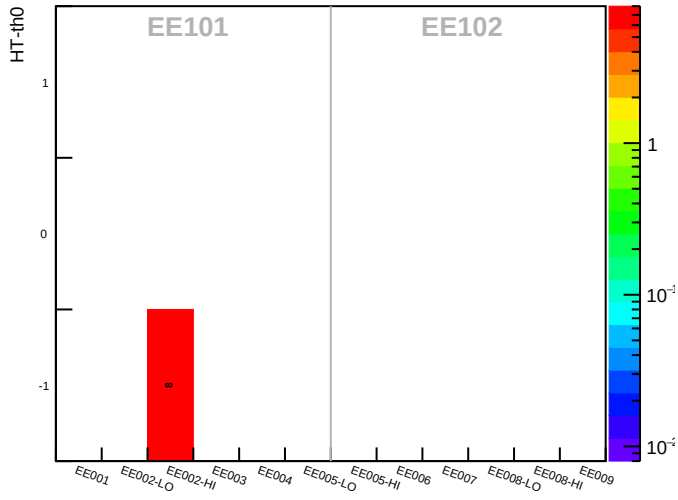
Endcap EMC L1 Input - HT-th0

Entries 3.614942e+07



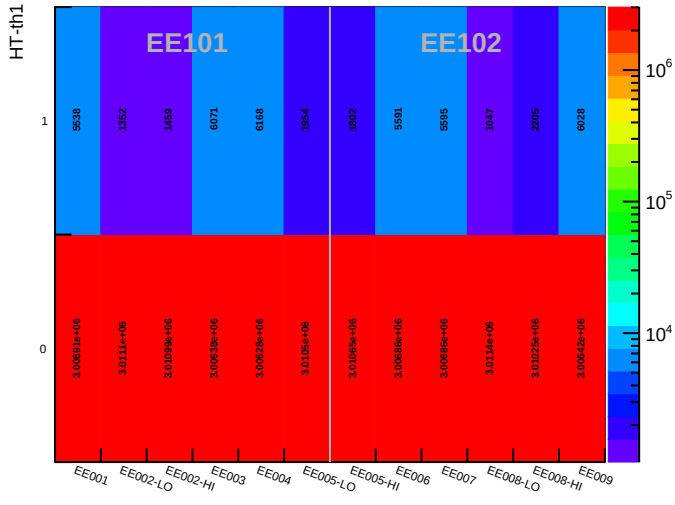
Endcap EMC L1 Input - HT-th0 Diff

Entries 8



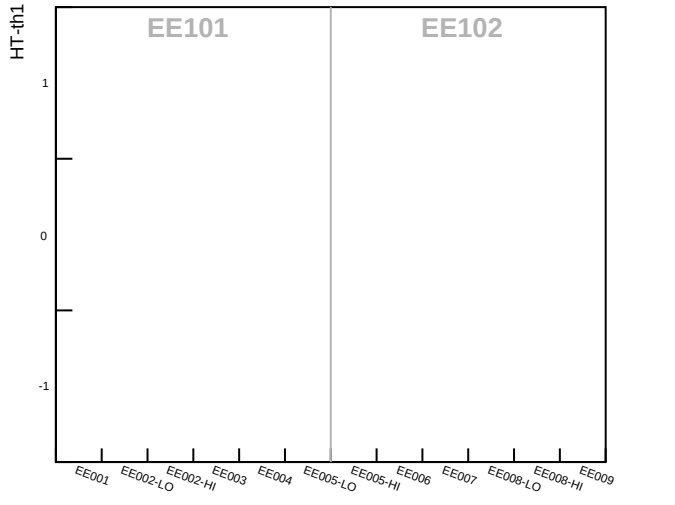
Endcap EMC L1 Input - HT-th1

Entries 3.614942e+07



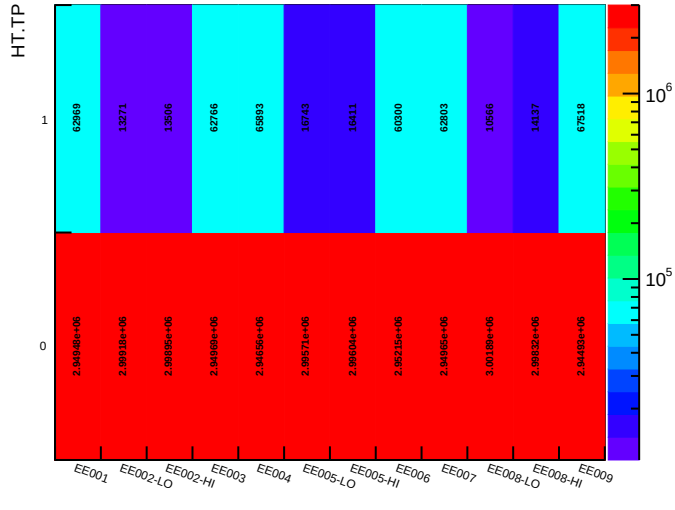
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



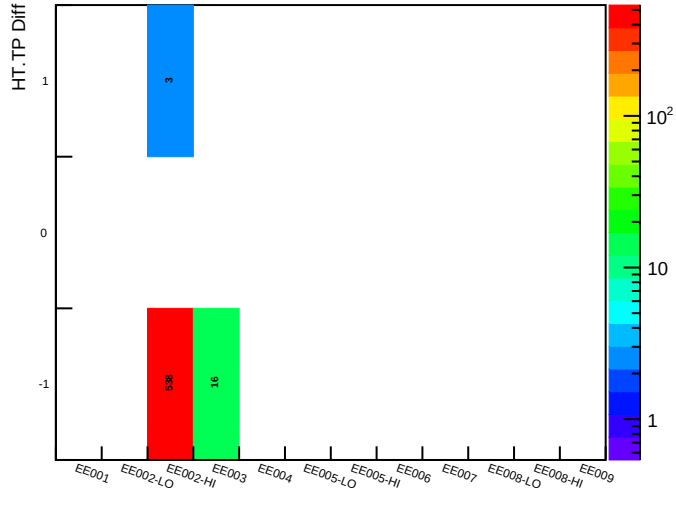
Endcap EMC L1 Input - HT.TP

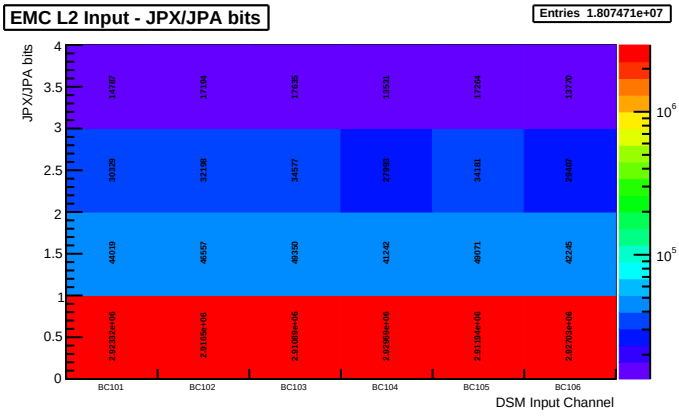
Entries 3.614942e+07

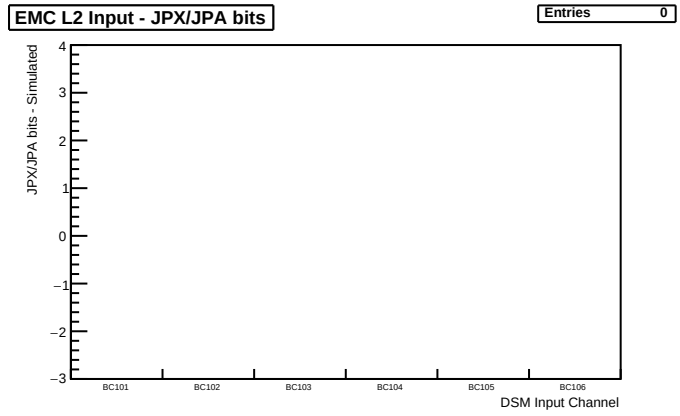


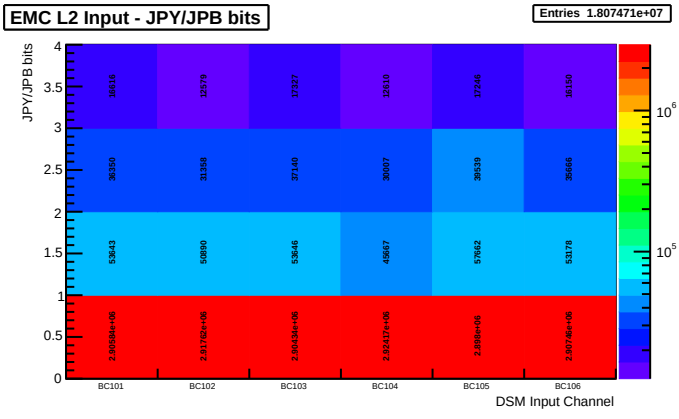
Endcap EMC L1 Input - HT.TP Diff

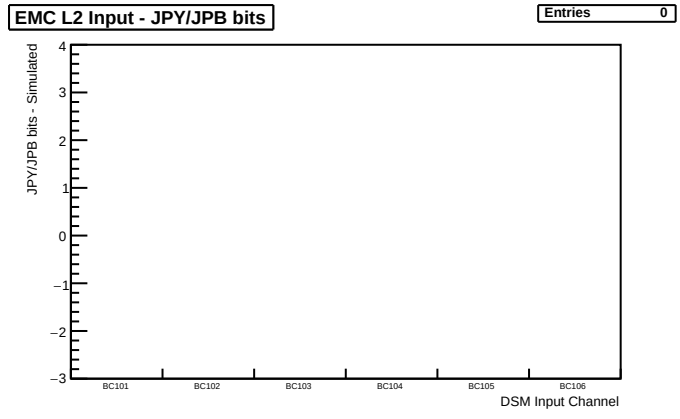
Entries 557

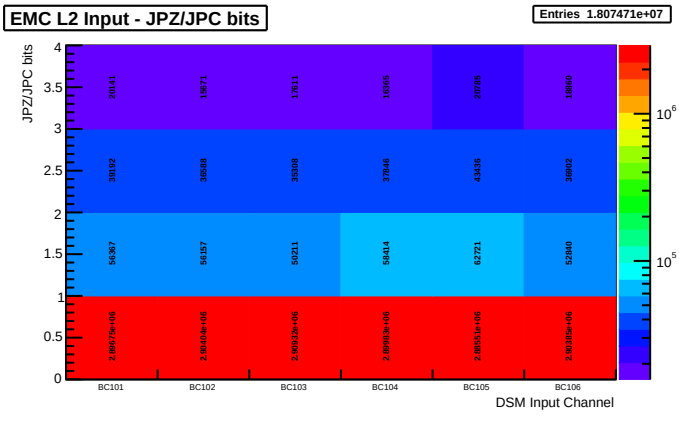


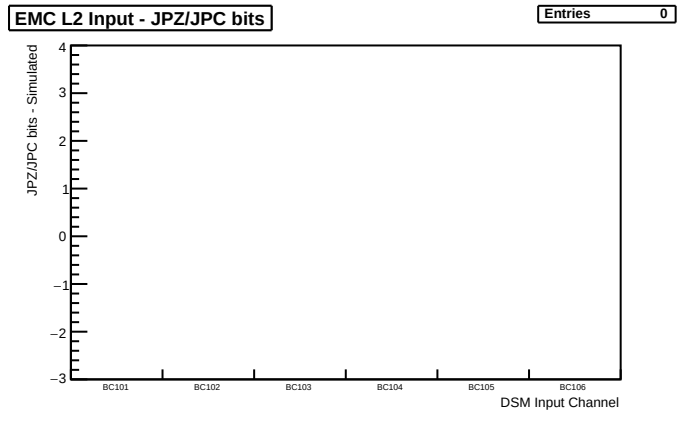

EMC L2 Input - JPX/JPA bits
Entries 1.807471e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14797
17194
17635
13531
17254
13770
30329
32198
34577
27993
34181
29407
44019
46557
49350
41242
49071
42245
2.92332e+06
2.91659e+06
2.91089e+06
2.92989e+06
2.91194e+06
2.92703e+06

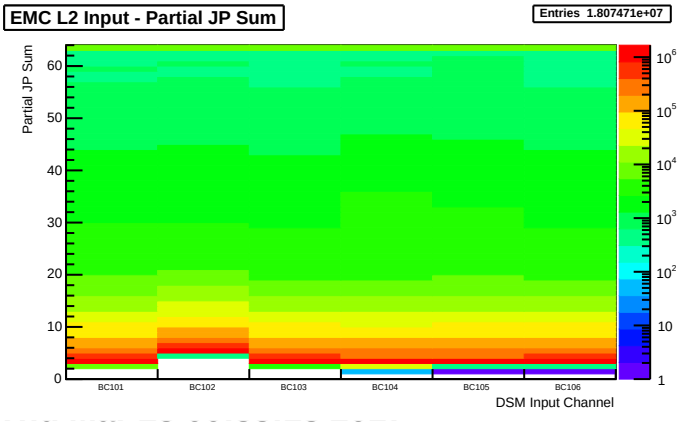

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

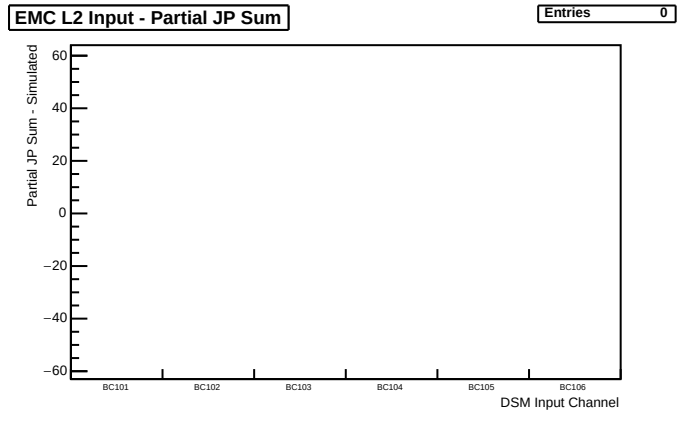

EMC L2 Input - JPY/JPB bits
Entries 1.807471e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16616
12579
17327
12610
17246
16150
36350
31358
37140
30007
39539
35666
53643
50890
53646
45667
57662
53178
2.90584e+06
2.91762e+06
2.90434e+06
2.92417e+06
2.898e+06
2.90740e+06

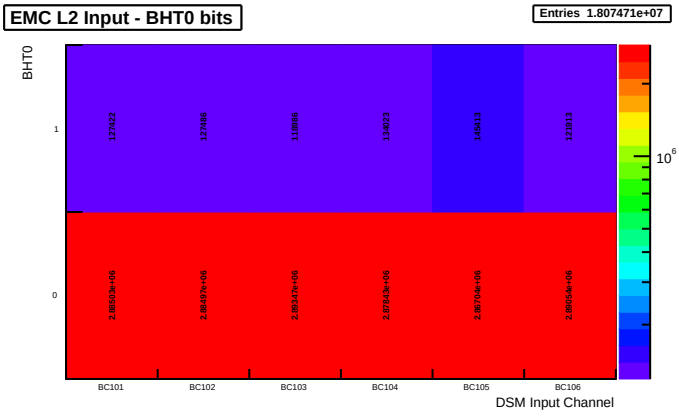

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

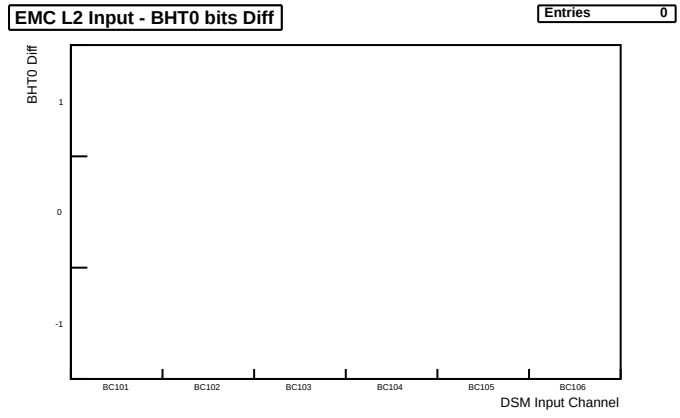

EMC L2 Input - JPZ/JPC bits
Entries 1.807471e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
20141
15671
17611
16365
20785
18860
39192
36838
35308
37846
43436
39802
56367
56157
50211
59414
62721
52840
2.89675e+06
2.90404e+06
2.90932e+06
2.89993e+06
2.89551e+06
2.90385e+06

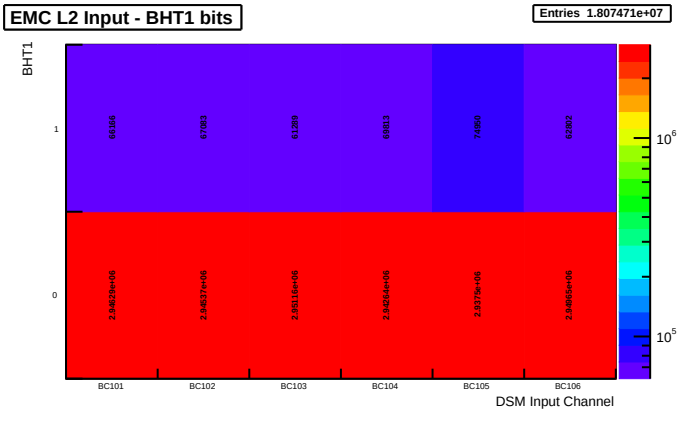

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

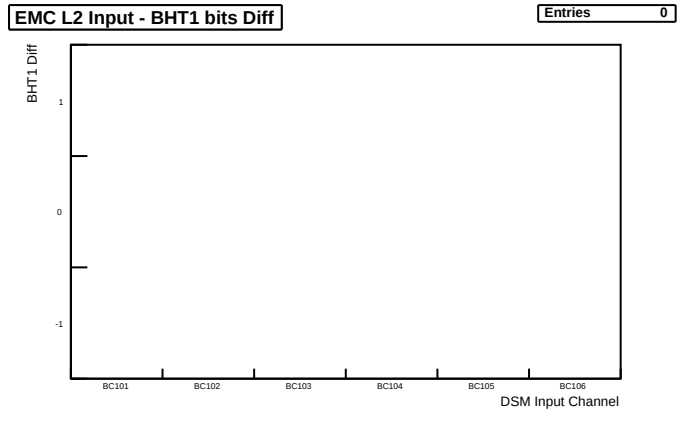

EMC L2 Input - Partial JP Sum
Entries 1.807471e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

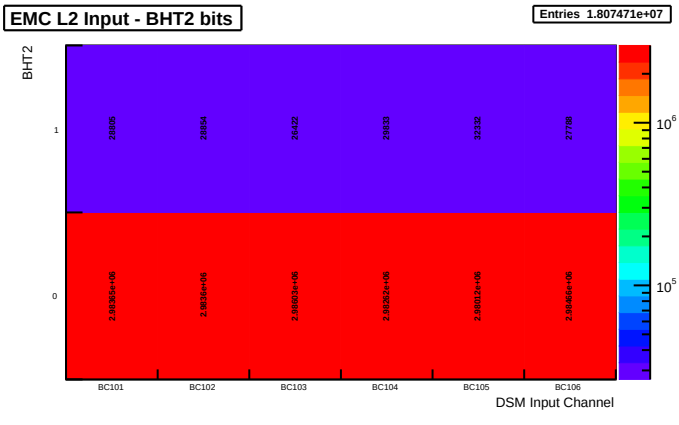

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

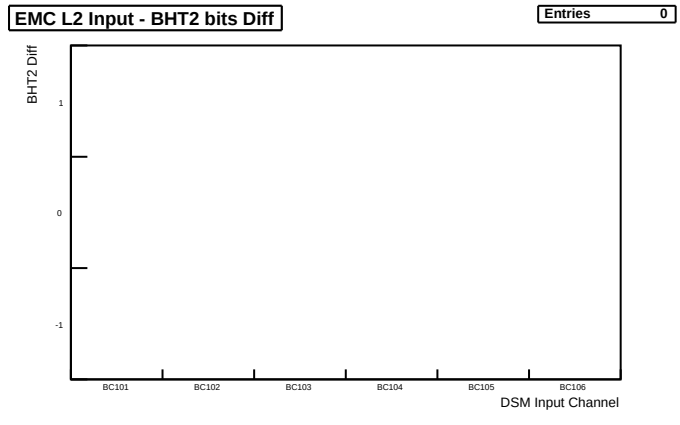

EMC L2 Input - BHT0 bits
Entries 1.807471e+07
BHT0
1
0
127422
127486
118986
134223
145413
121013
2.85503e+06
2.85497e+06
2.85347e+06
2.87043e+06
2.85704e+06
2.85054e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

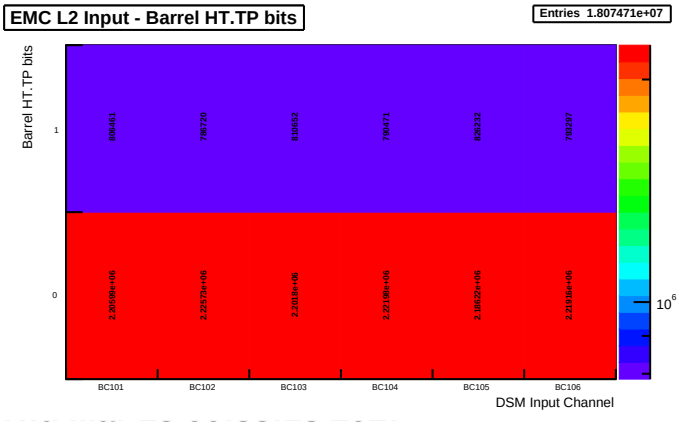

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

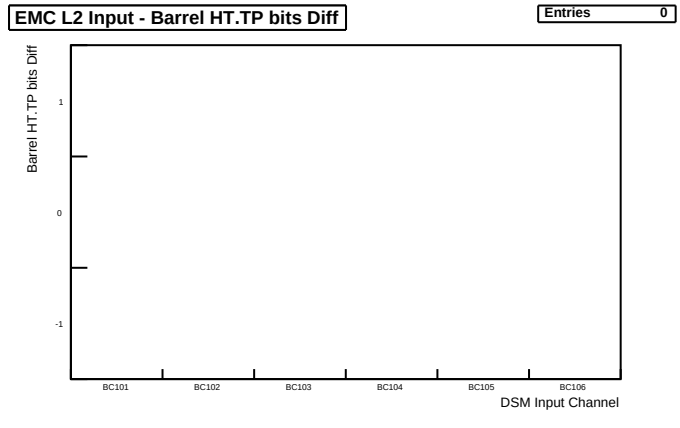

EMC L2 Input - BHT1 bits
Entries 1.807471e+07
BHT1
1
0
66166
67083
61289
66313
74650
62082
2.94229e+06
2.94537e+06
2.95116e+06
2.94264e+06
2.9375e+06
2.94065e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

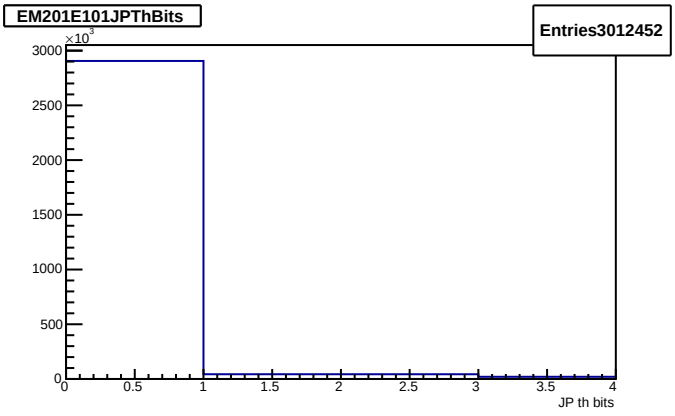

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

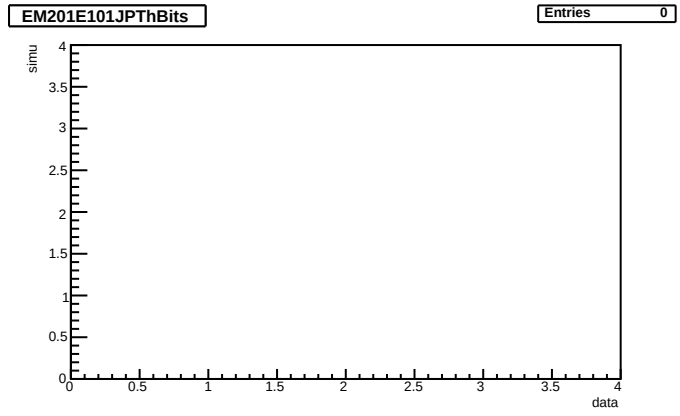

EMC L2 Input - BHT2 bits
Entries 1.807471e+07
BHT2
1
0
28305
28354
26422
29533
32332
27728
2.93635e+06
2.9336e+06
2.93603e+06
2.93282e+06
2.93012e+06
2.93465e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

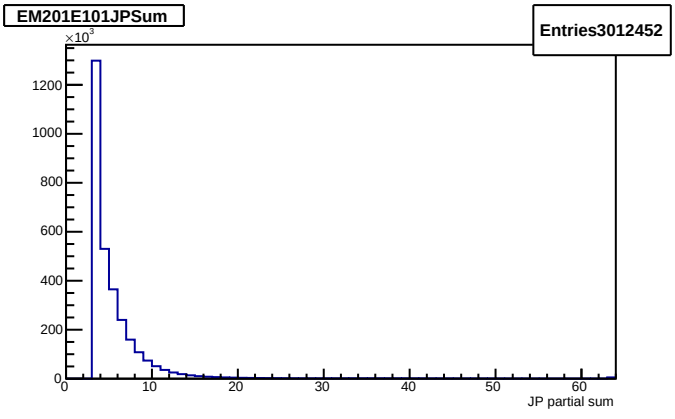

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

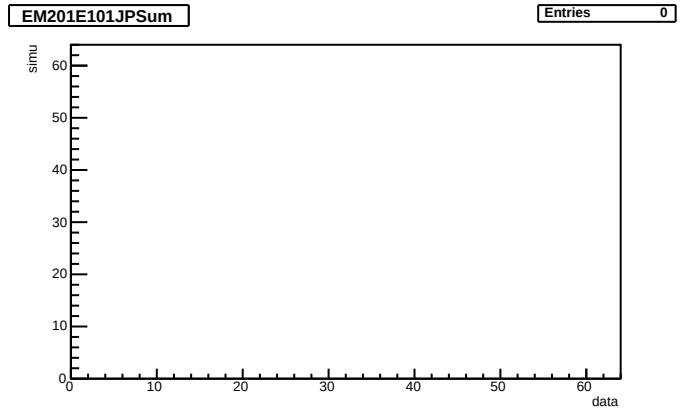

EMC L2 Input - Barrel HT.TP bits
Entries 1.807471e+07
Barrel HT.TP bits
1
0
806461
789720
810652
790471
826232
793297
2.20599e+06
2.22573e+06
2.23189e+06
2.22198e+06
2.19622e+06
2.21315e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

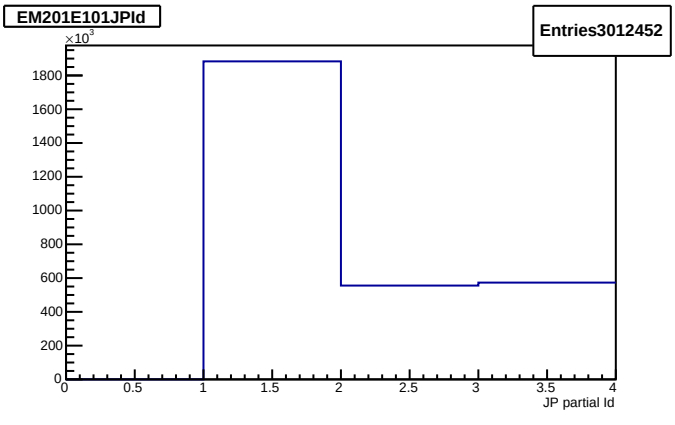

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

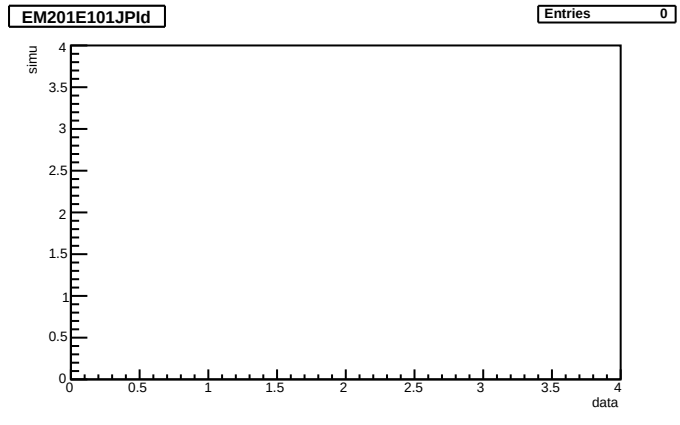

EM201E101JPThBits
Entries3012452
×10^3
JP th bits

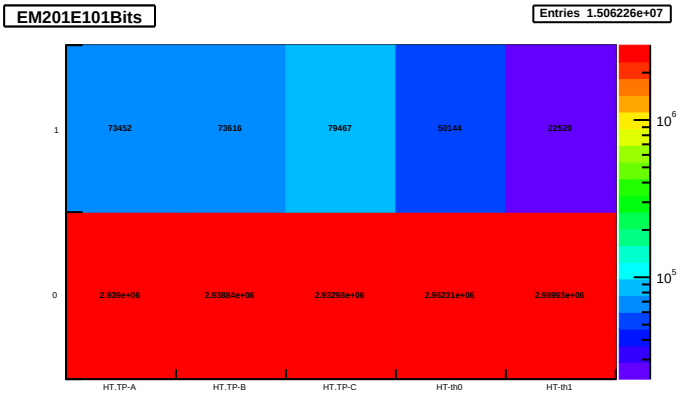

EM201E101JPThBits
Entries 0
simu
data

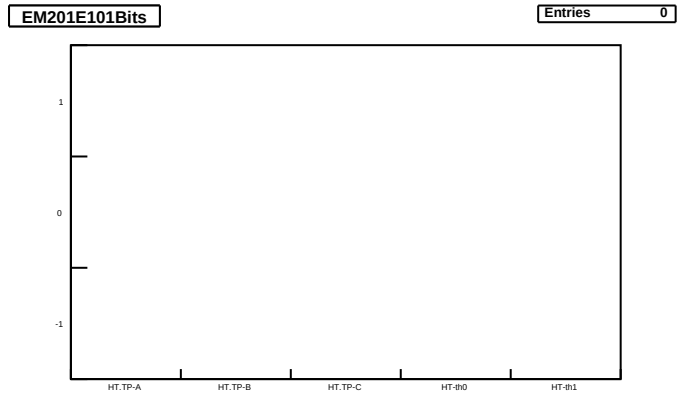

EM201E101JPSum
Entries3012452
×10^3
JP partial sum

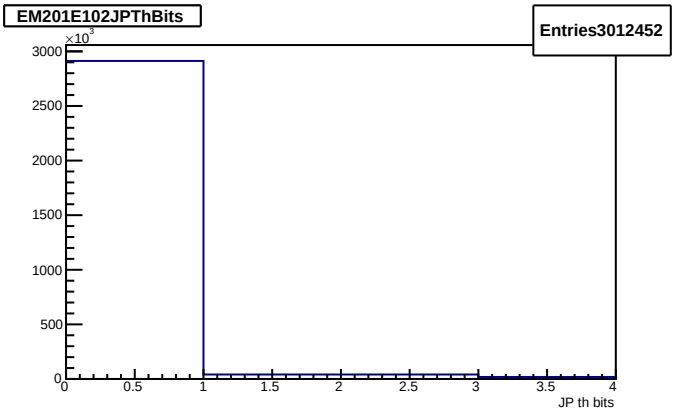

EM201E101JPSum
Entries 0
simu
data

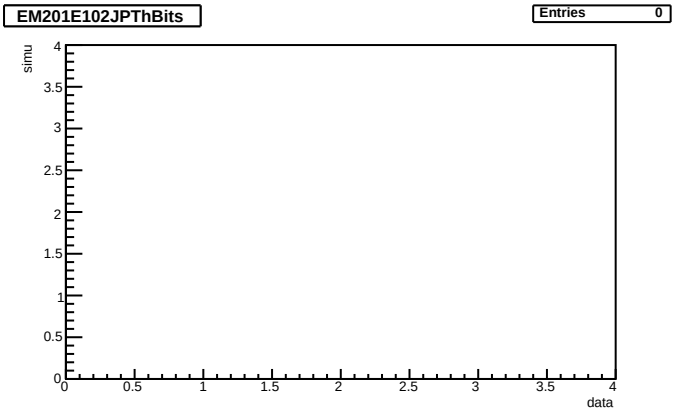

EM201E101JPId
Entries3012452
×10^3
JP partial Id

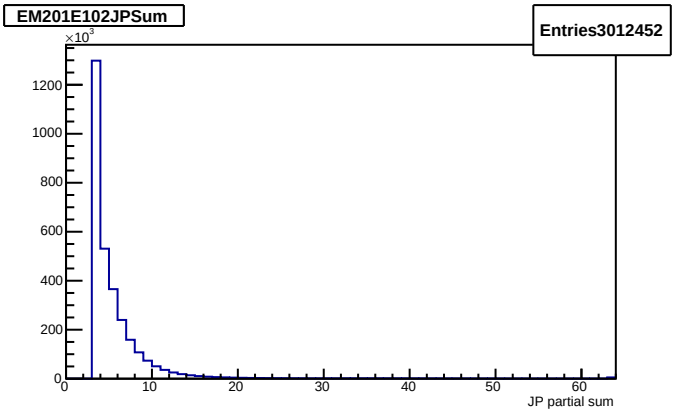

EM201E101JPId
Entries 0
simu
data

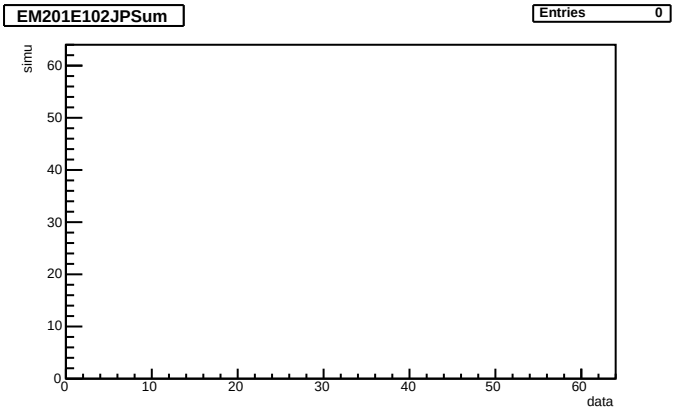

EM201E101Bits
Entries 1.506226e+07
73452
73616
79467
50144
22520
2.939e+06
2.93884e+06
2.93298e+06
2.96231e+06
2.98993e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

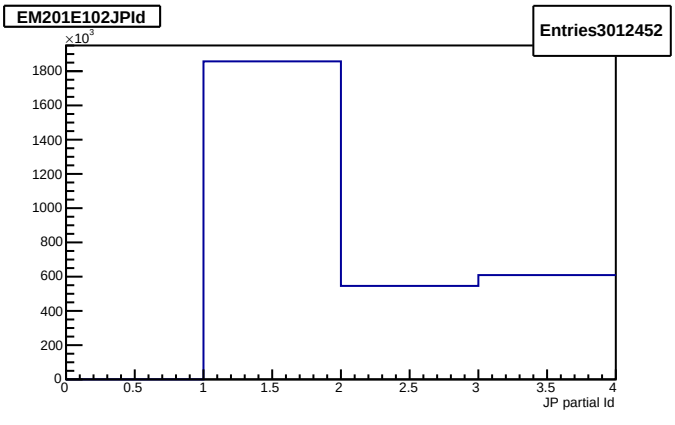

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

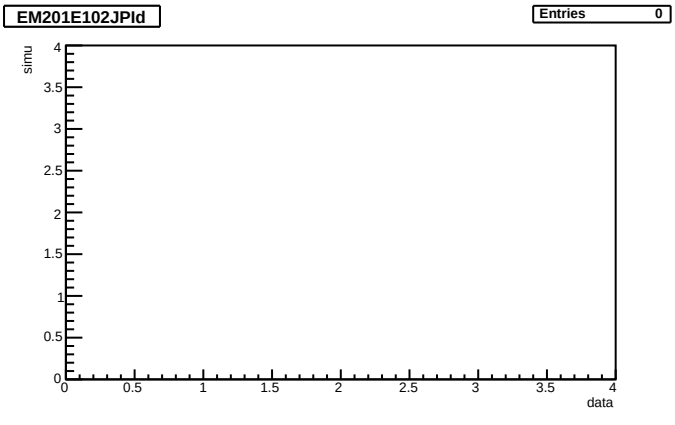

EM201E102JPThBits
Entries3012452
×10^3
JP th bits

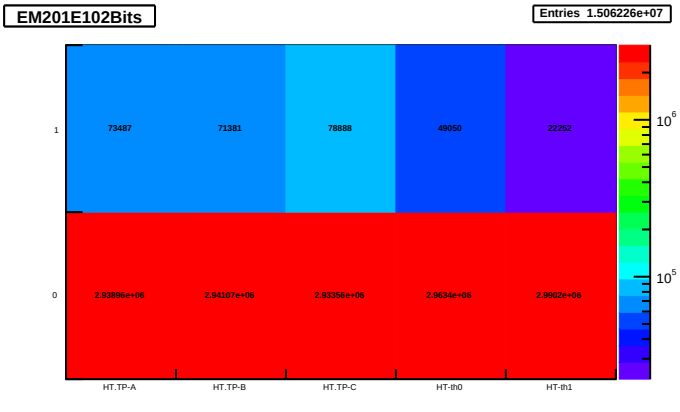

EM201E102JPThBits
Entries 0
simu
data

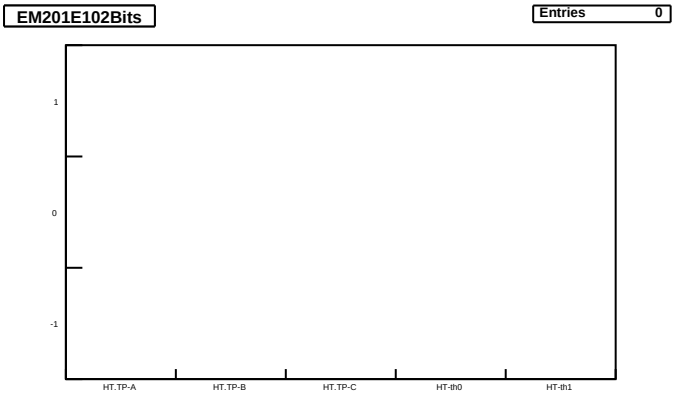

EM201E102JPSum
Entries3012452
×10^3
JP partial sum

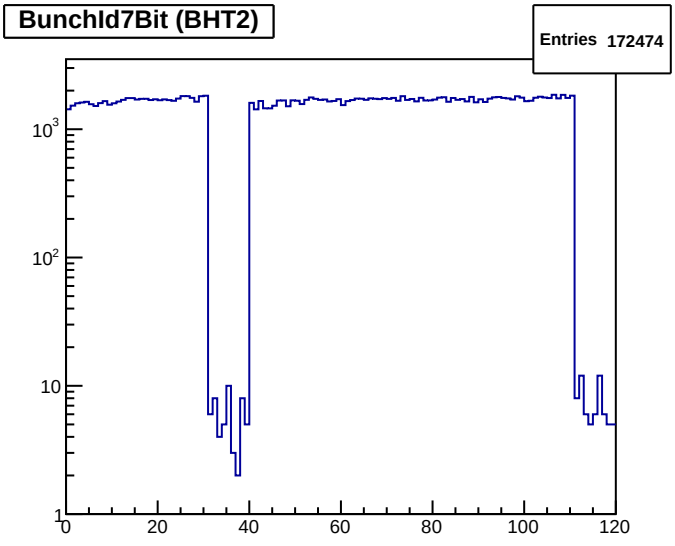

EM201E102JPSum
Entries 0
simu
data

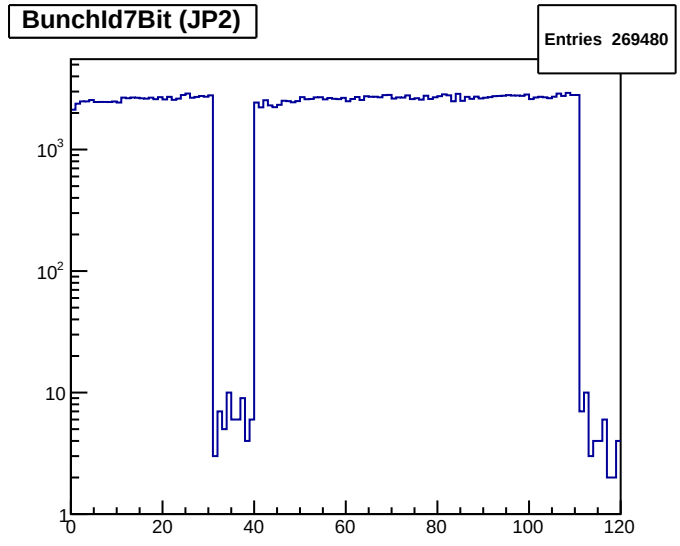

EM201E102JPId
Entries3012452
×10^3
JP partial Id

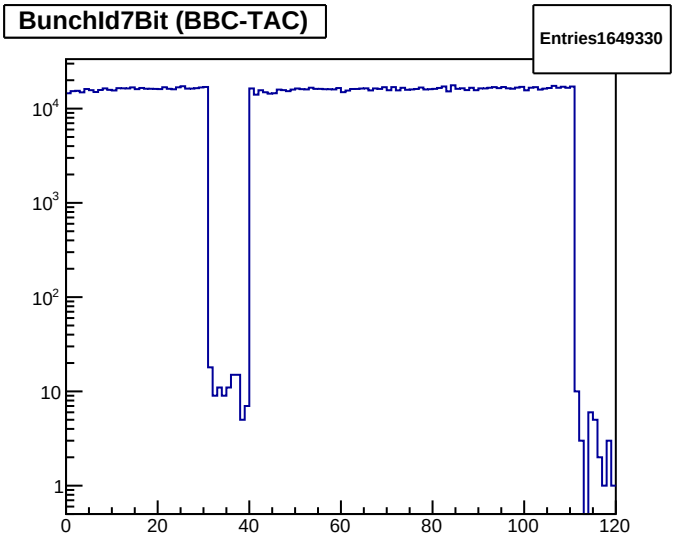

EM201E102JPId
Entries 0
simu
data

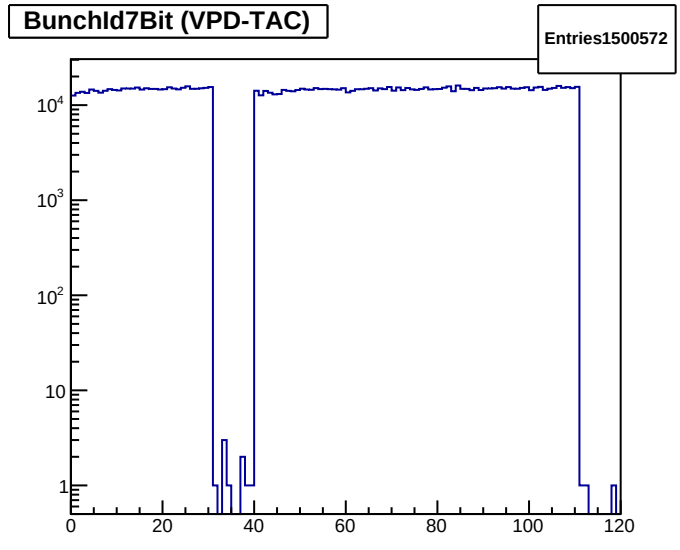

EM201E102Bits
Entries 1.506226e+07
73487
71381
78888
49050
22252
2.93896e+06
2.94107e+06
2.93356e+06
2.9634e+06
2.9902e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

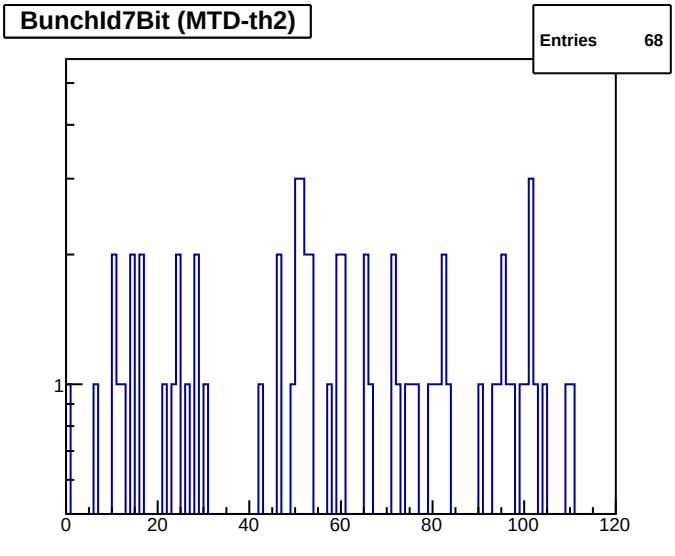

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

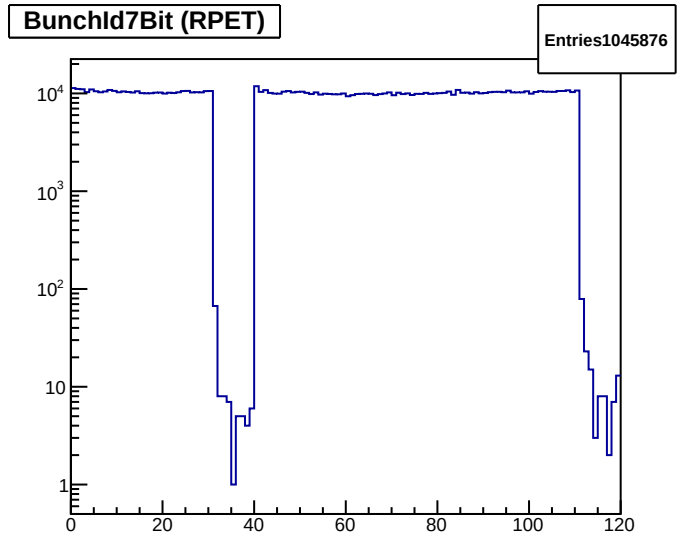

BunchId7Bit (BHT2)
Entries 172474

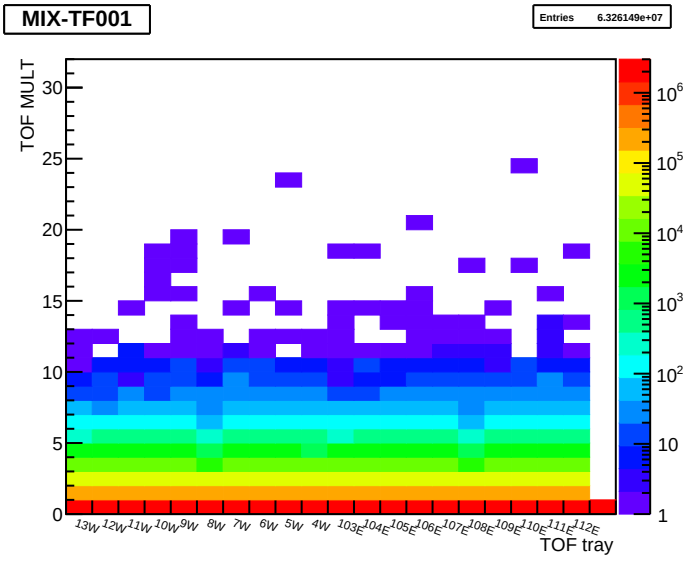

BunchId7Bit (JP2)
Entries 269480

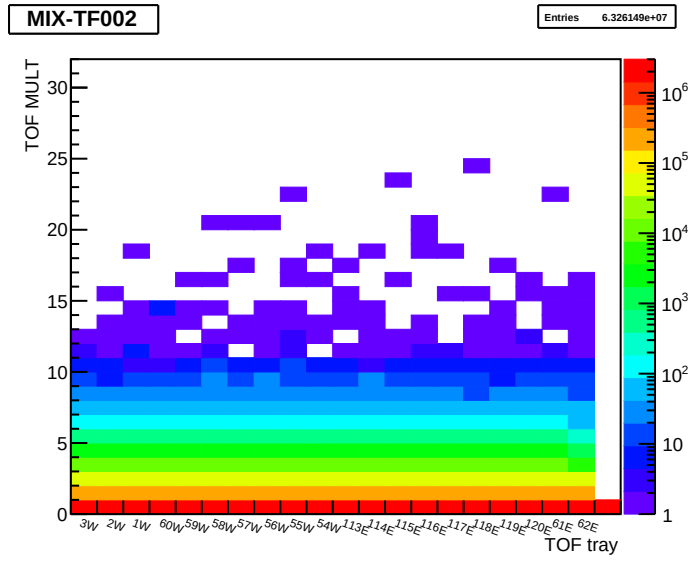

BunchId7Bit (BBC-TAC)
Entries1649330

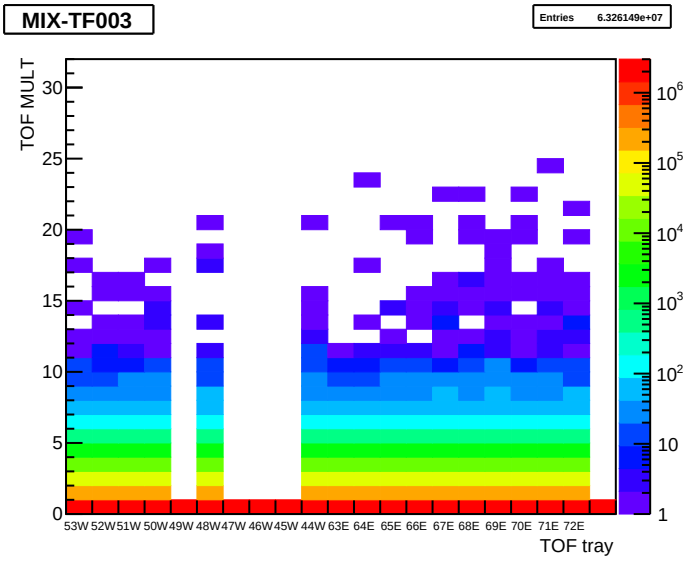

BunchId7Bit (VPD-TAC)
Entries1500572

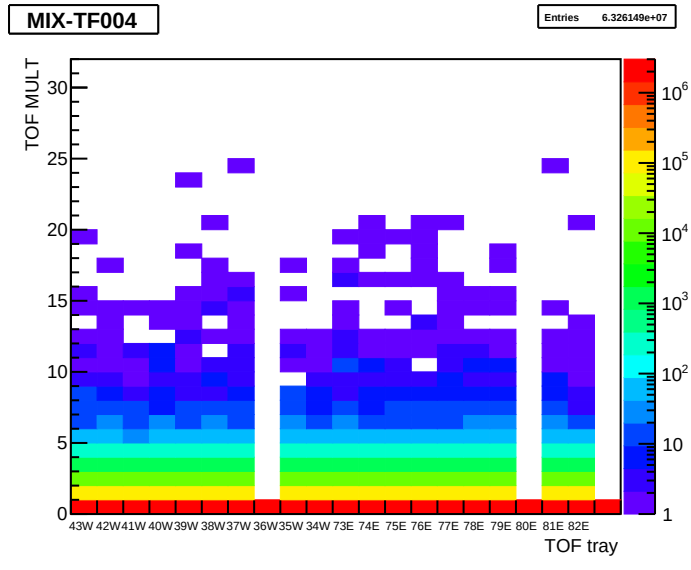

BunchId7Bit (MTD-th2)
Entries 68

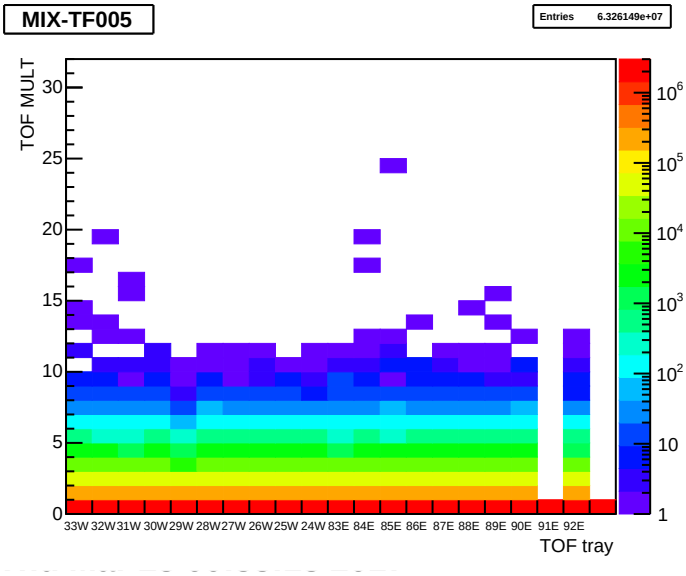

BunchId7Bit (RPET)
Entries1045876

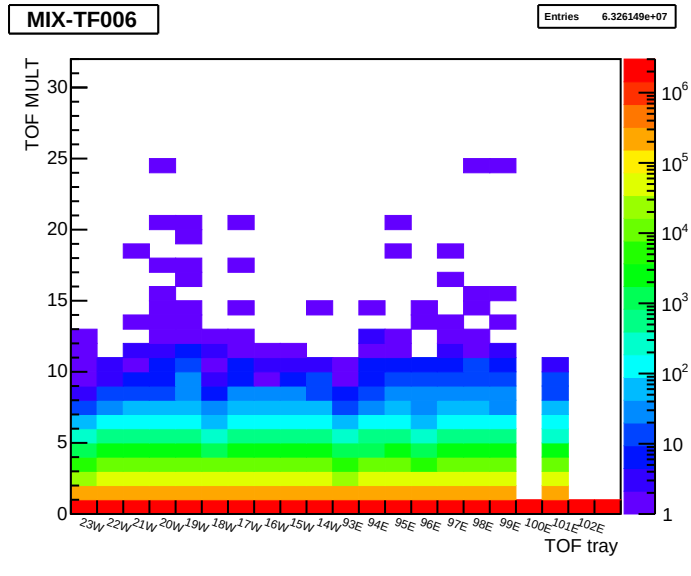

MIX-TF001
Entries 6.326149e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

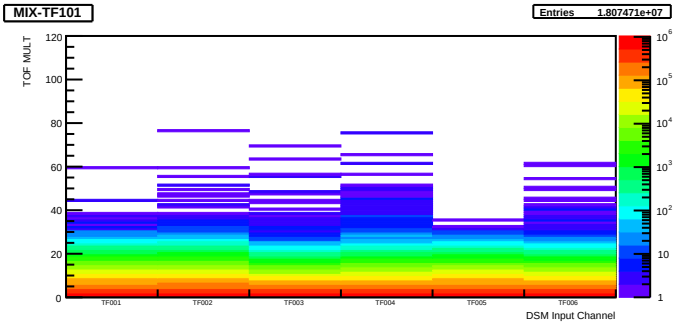

MIX-TF002
Entries 6.326149e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

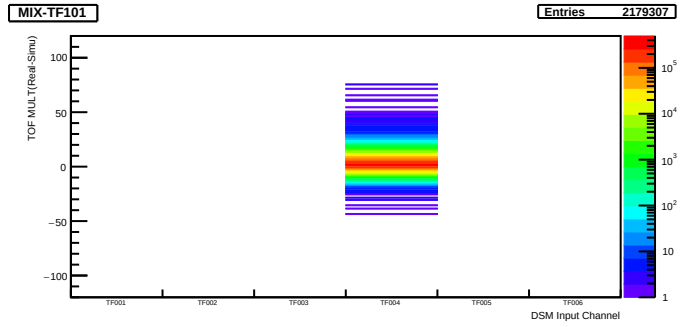

MIX-TF003
Entries 6.326149e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

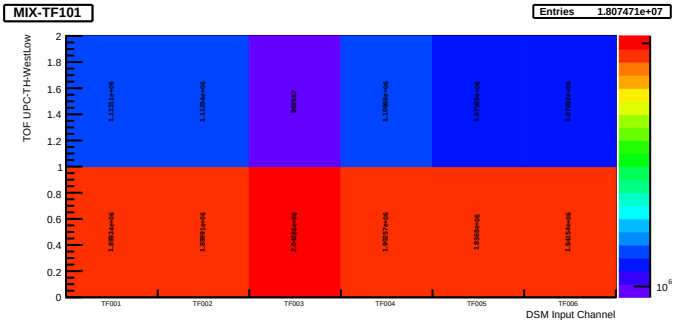

MIX-TF004
Entries 6.326149e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

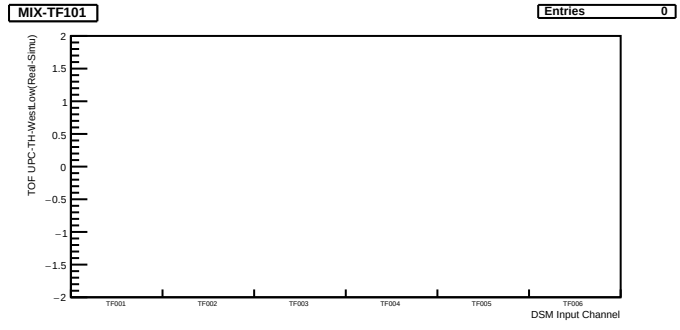

MIX-TF005
Entries 6.326149e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

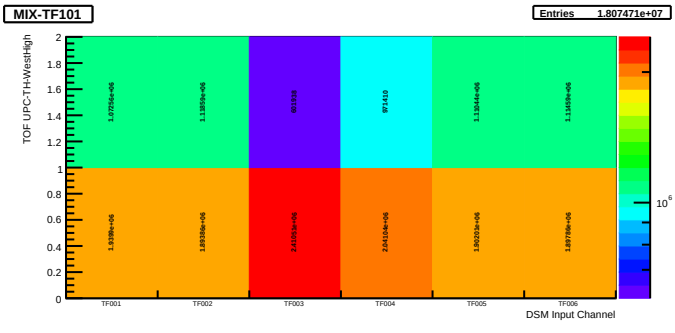

MIX-TF006
Entries 6.326149e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

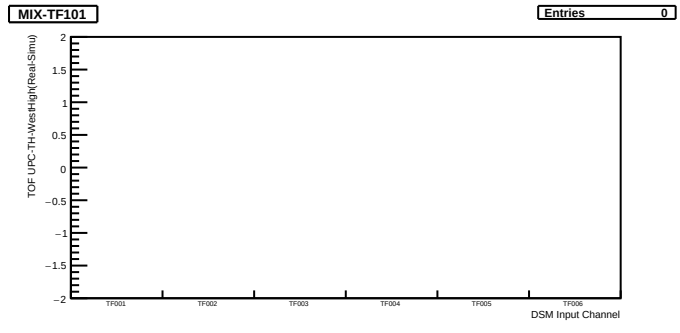

MIX-TF101
Entries 1.807471e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

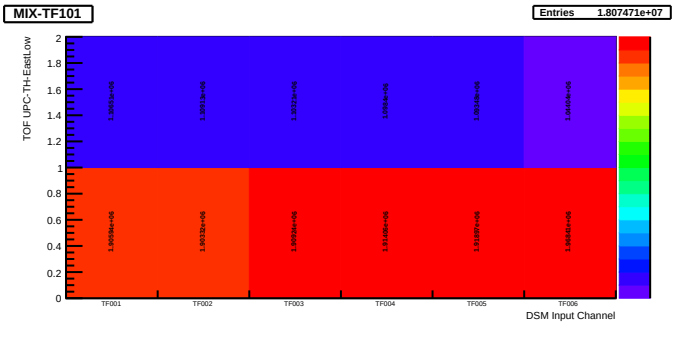

MIX-TF101
Entries 2179307
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

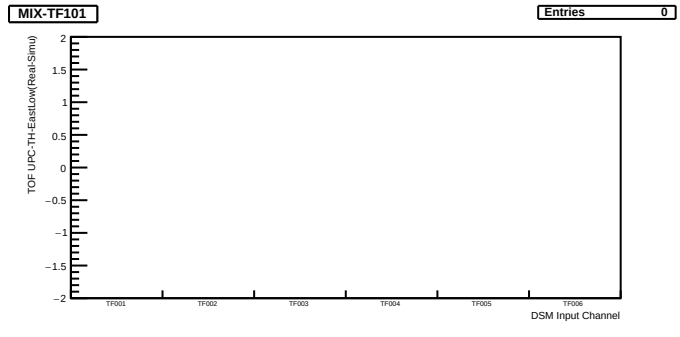

MIX-TF101
Entries 1.807471e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

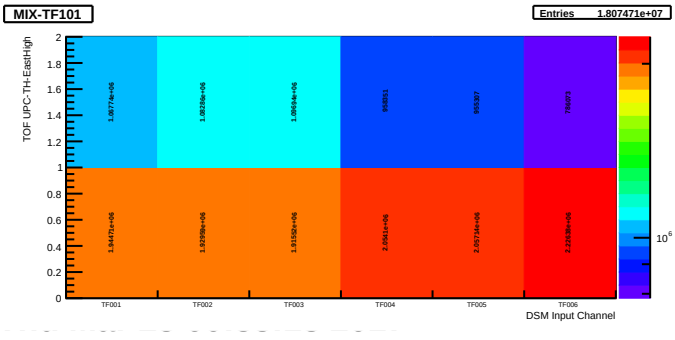

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

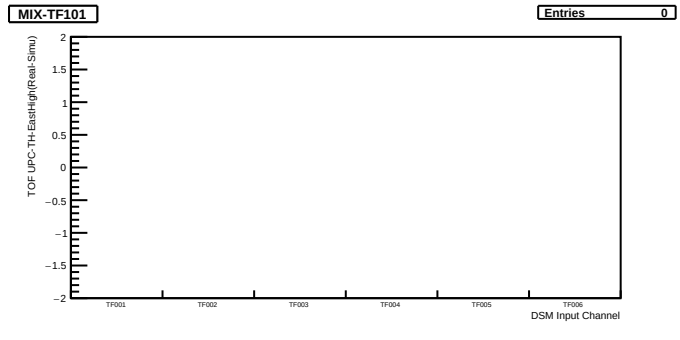

MIX-TF101
Entries 1.807471e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

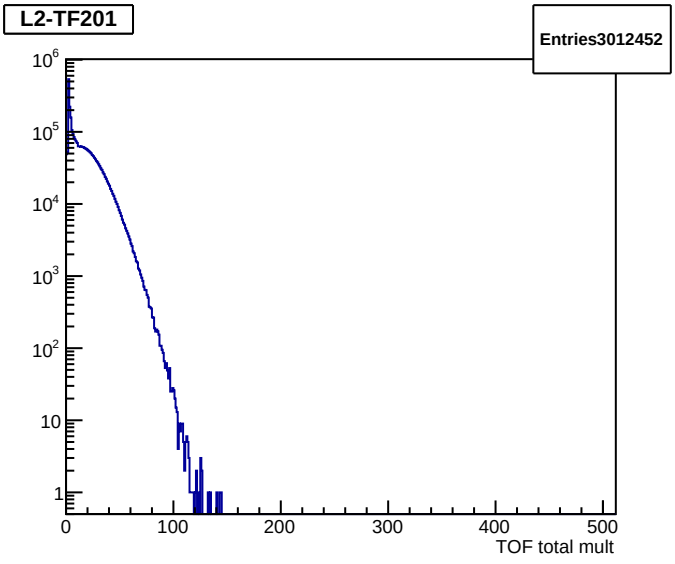

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

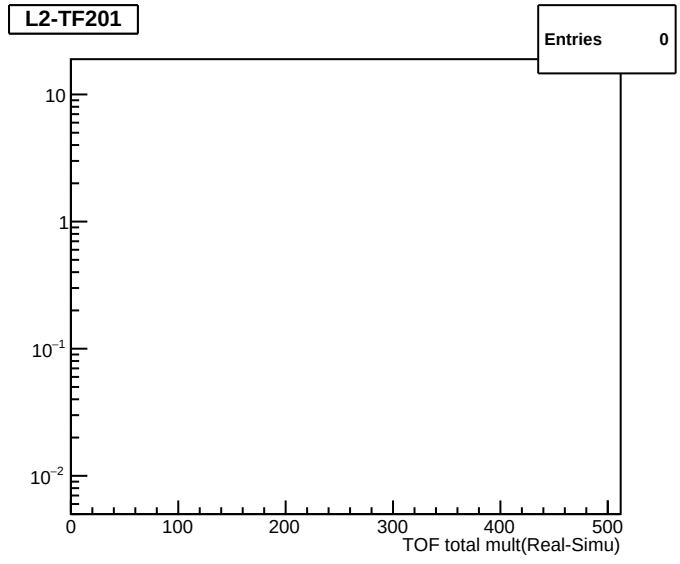

MIX-TF101
Entries 1.807471e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

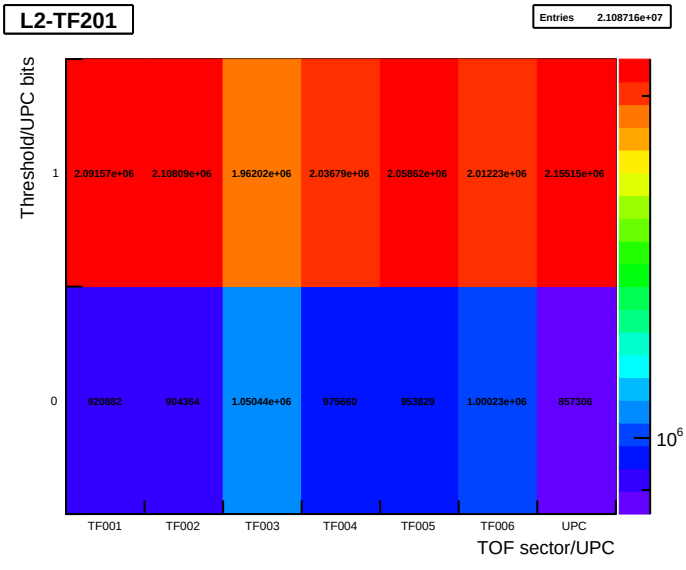

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

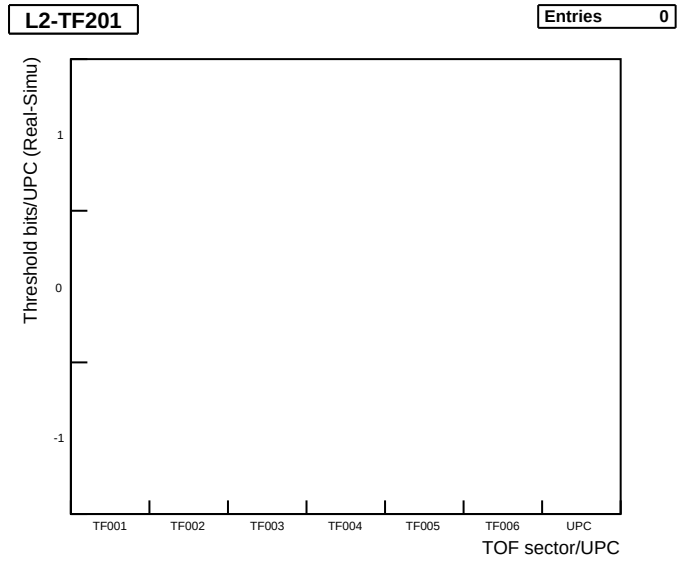

MIX-TF101
Entries 1.807471e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

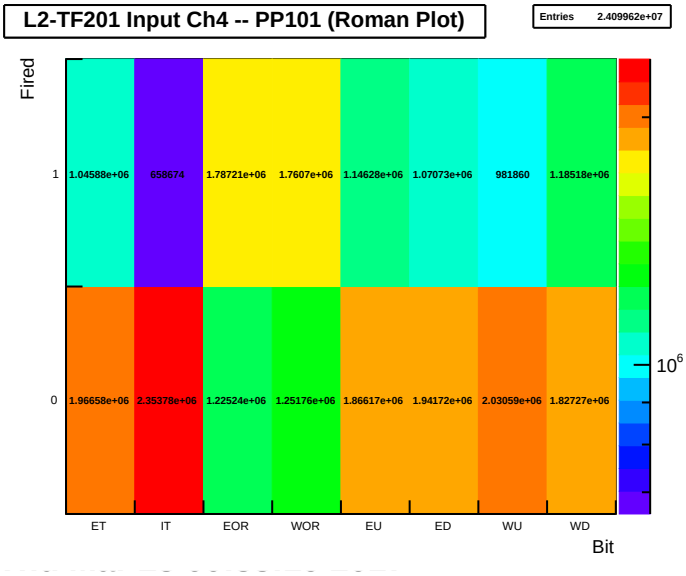

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

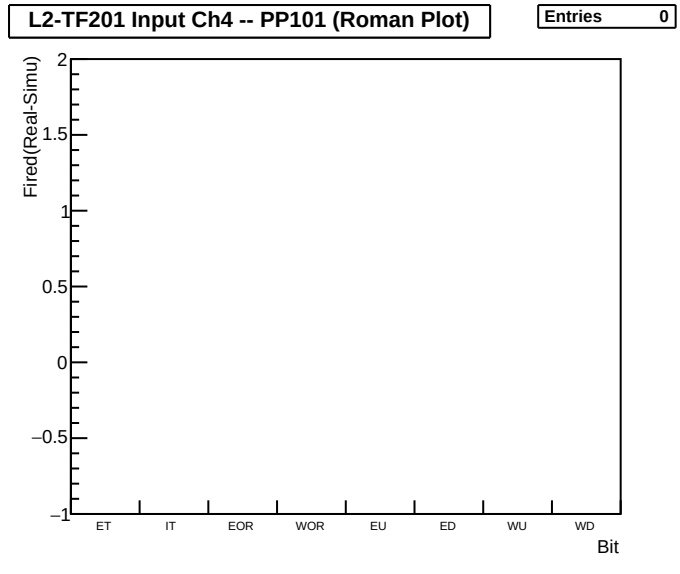

L2-TF201
Entries3012452
TOF total mult

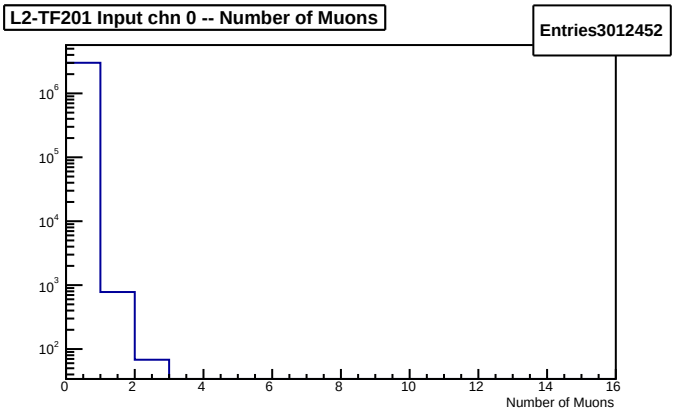

L2-TF201
Entries 0
TOF total mult(Real-Simu)

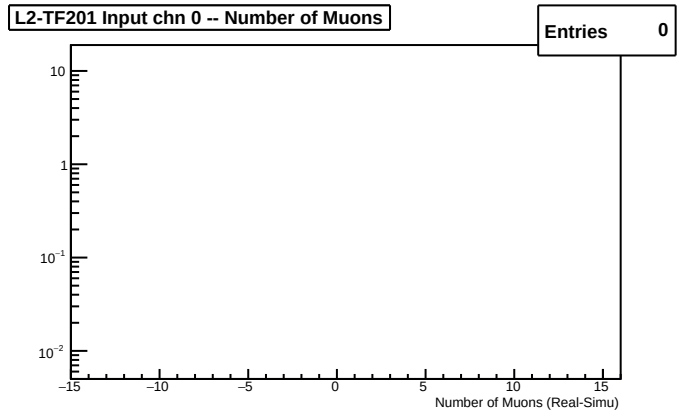

L2-TF201
Entries 2.108716e+07
Threshold/UPC bits
2.09157e+06
2.10809e+06
1.96202e+06
2.03679e+06
2.05862e+06
2.01223e+06
2.15515e+06
920882
904364
1.05044e+06
975660
953829
1.00023e+06
857306
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

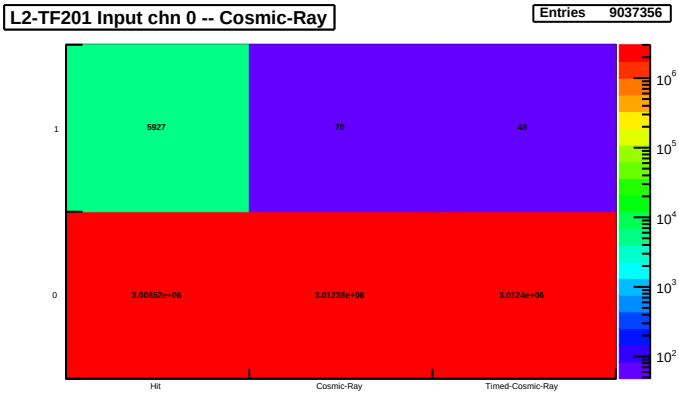

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

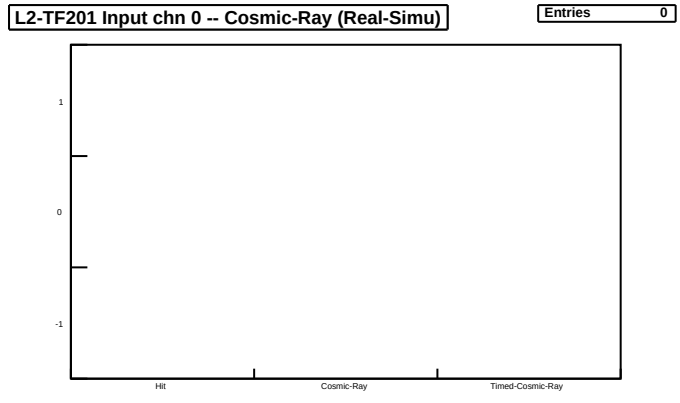

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.409962e+07
Fired
1.04588e+06
658674
1.78721e+06
1.7607e+06
1.14628e+06
1.07073e+06
981860
1.18518e+06
1.96658e+06
2.35378e+06
1.22524e+06
1.25176e+06
1.86617e+06
1.94172e+06
2.03059e+06
1.82727e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

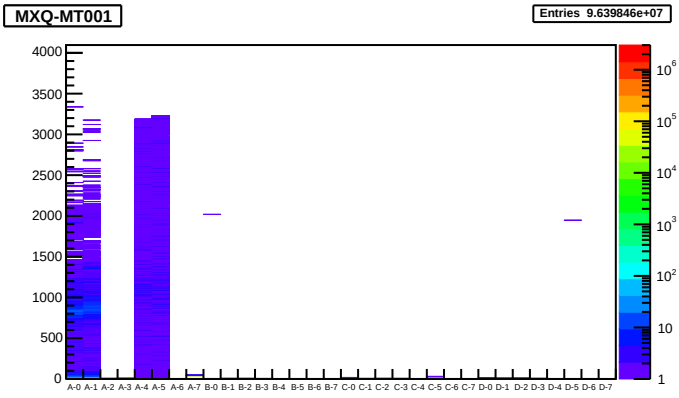

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

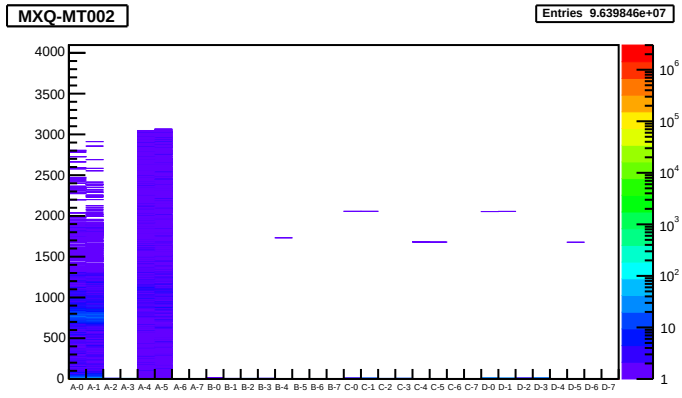

L2-TF201 Input chn 0 -- Number of Muons
Entries3012452
Number of Muons

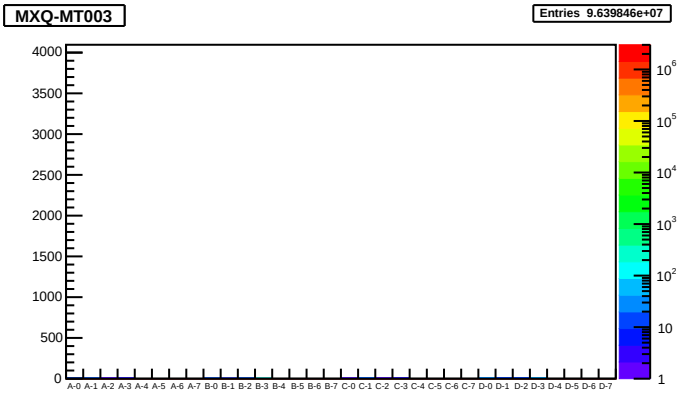

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

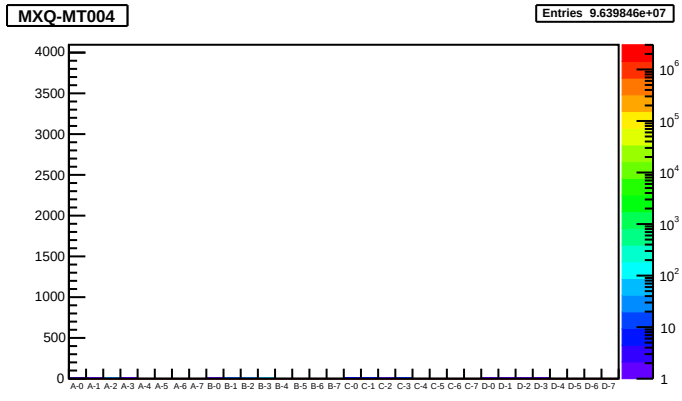

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9037356
5927
70
48
3.00652e+06
3.01238e+06
3.0124e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

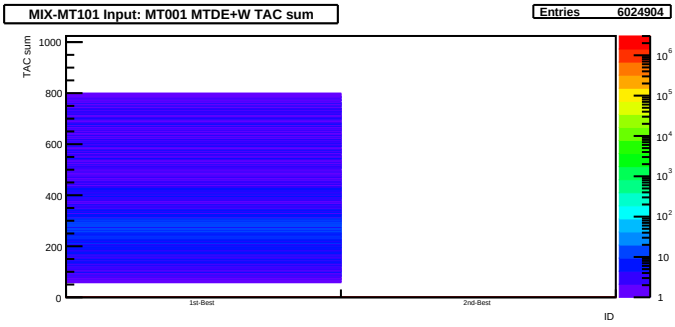

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

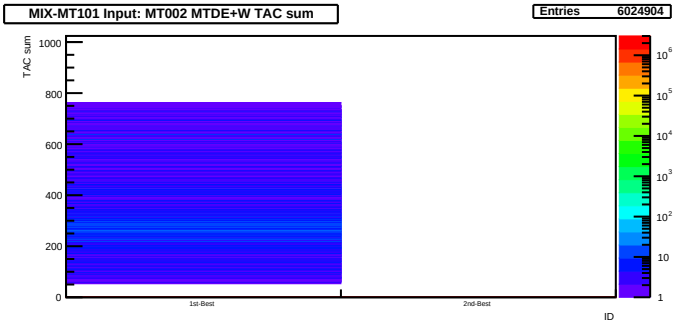

MXQ-MT001
Entries 9.639846e+07

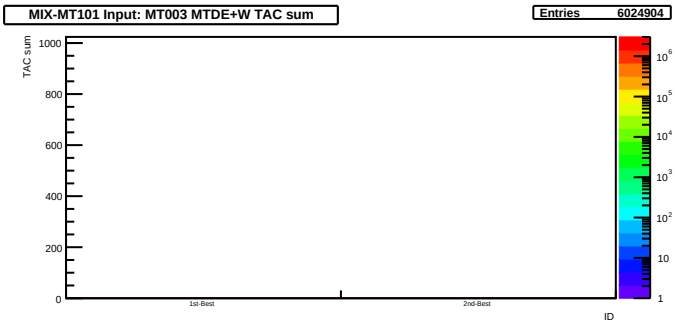

MXQ-MT002
Entries 9.639846e+07

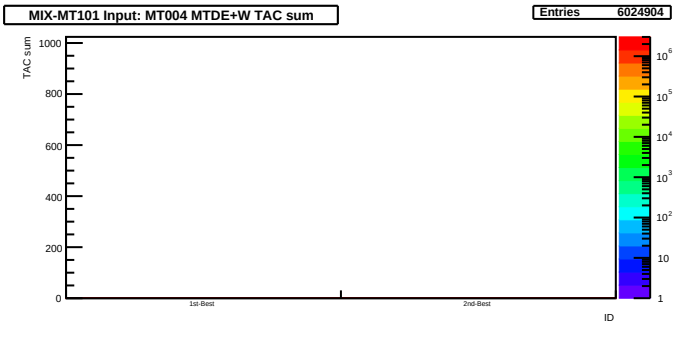

MXQ-MT003
Entries 9.639846e+07

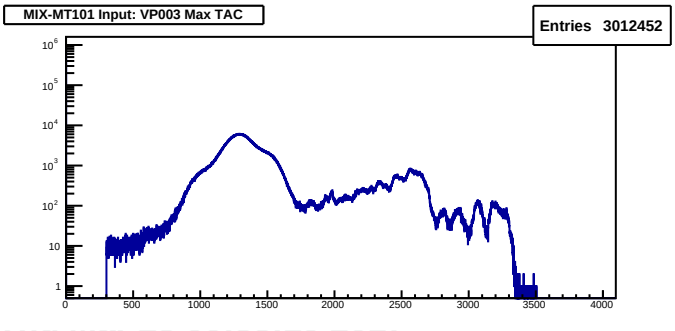

MXQ-MT004
Entries 9.639846e+07

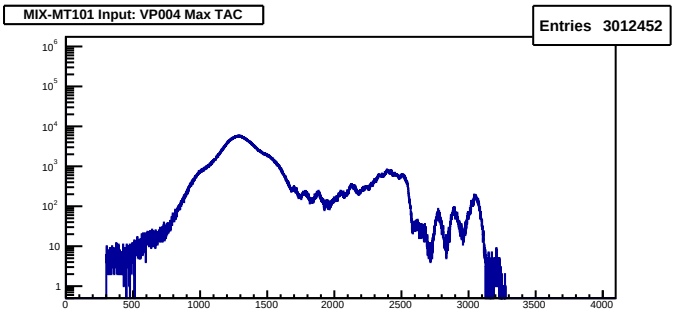

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6024904
TAC sum
1st-Best
2nd-Best
ID

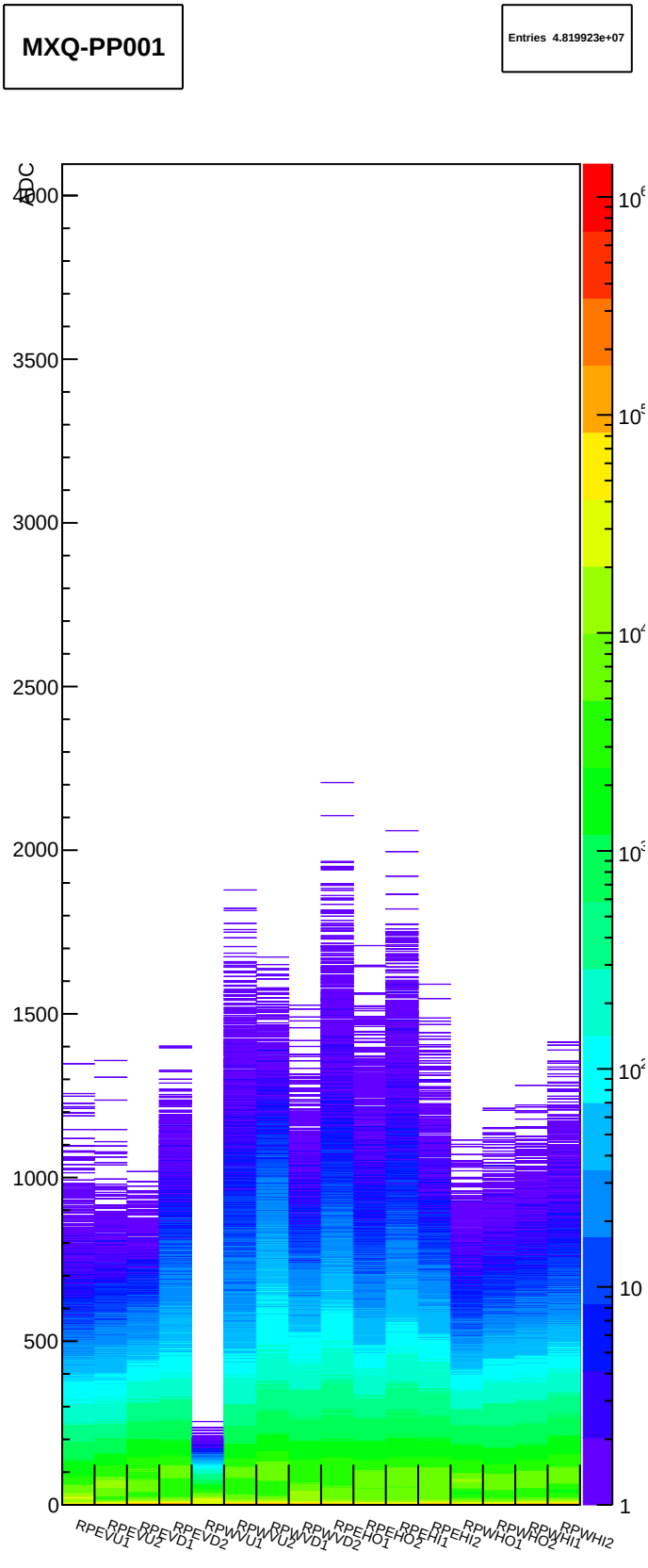

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6024904
TAC sum
1st-Best
2nd-Best
ID

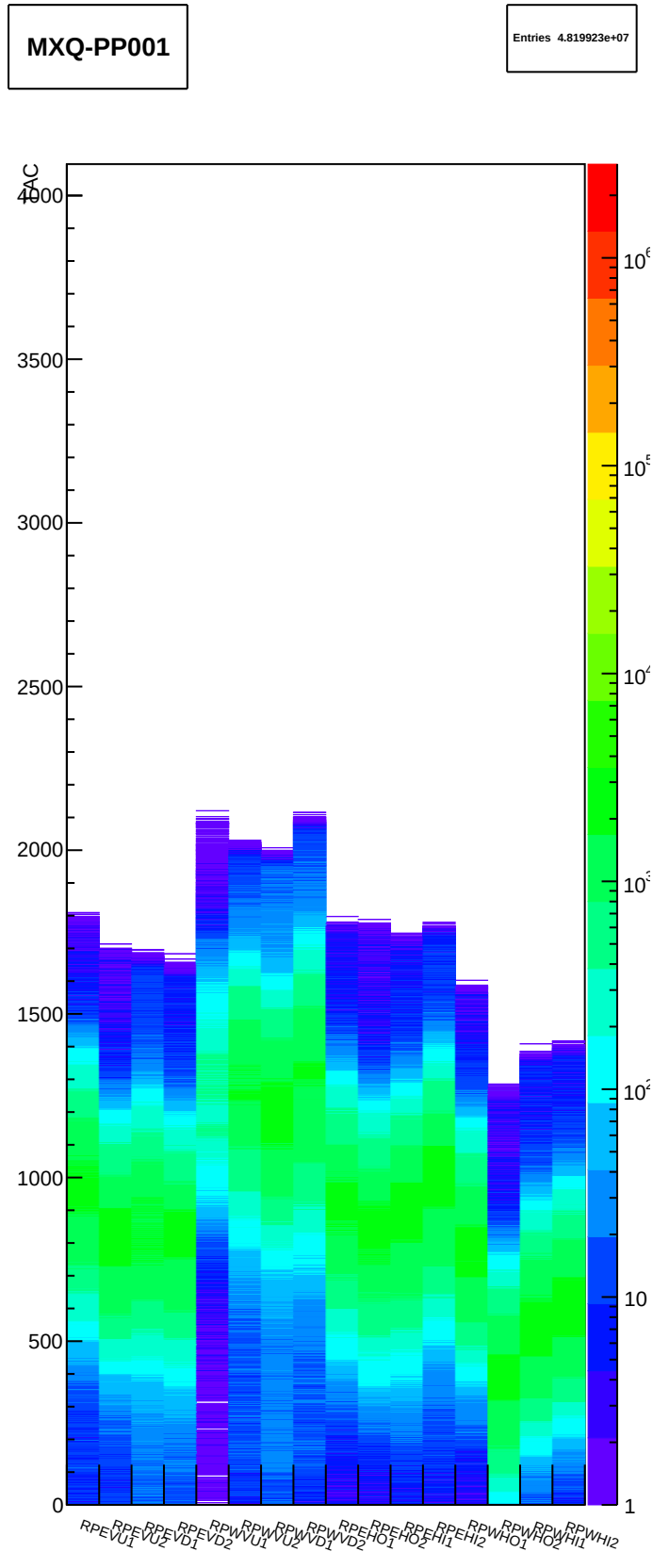

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6024904
TAC sum
1st-Best
2nd-Best
ID

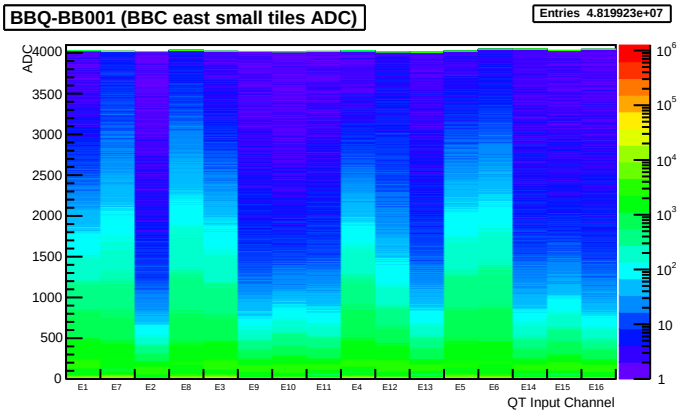

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6024904
TAC sum
1st-Best
2nd-Best
ID

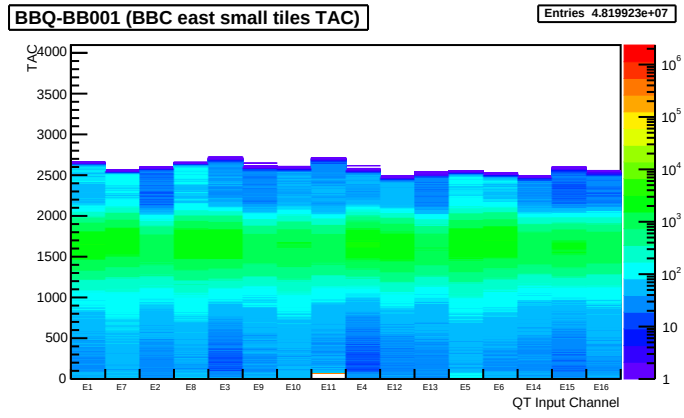

MIX-MT101 Input: VP003 Max TAC
Entries 3012452

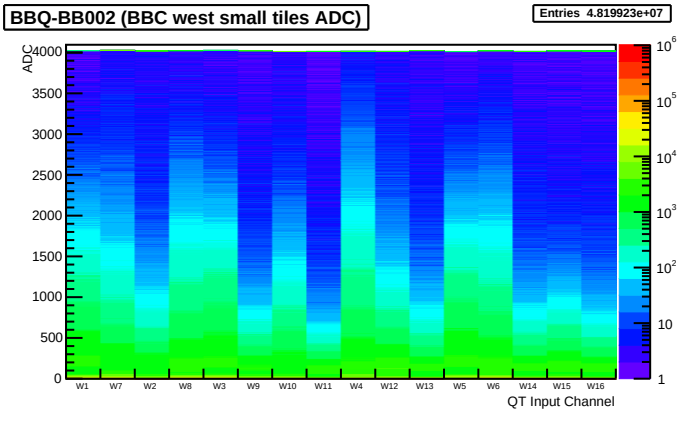

MIX-MT101 Input: VP004 Max TAC
Entries 3012452

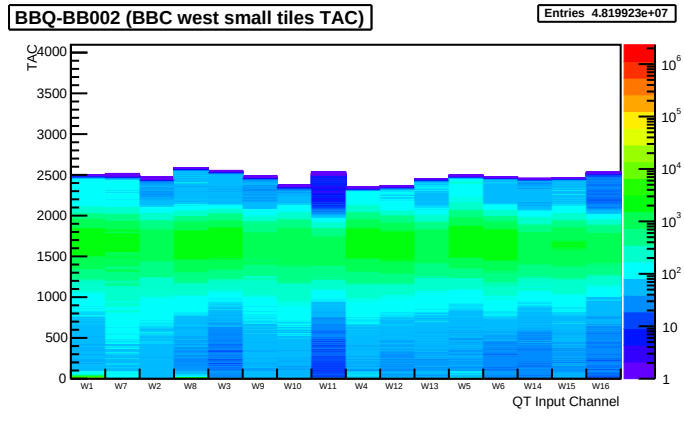

MXQ-PP001
Entries 4.819923e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

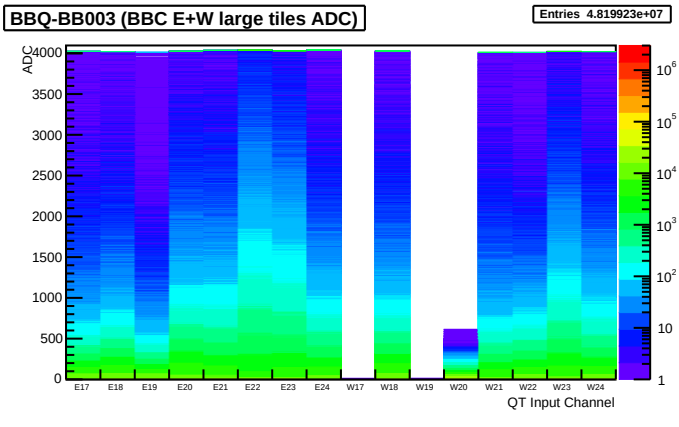

MXQ-PP001
Entries 4.819923e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

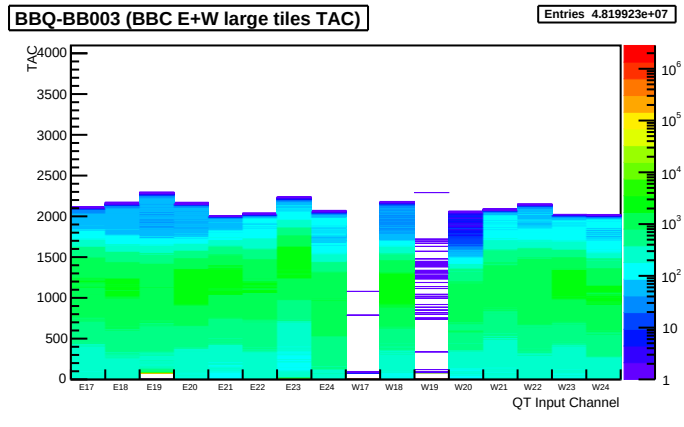

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.819923e+07
ADC
QT Input Channel

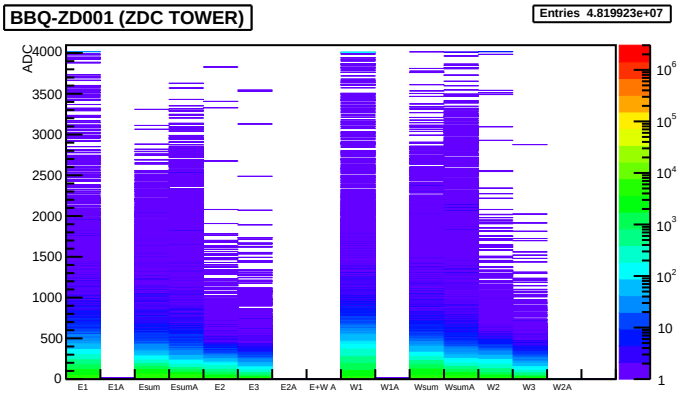

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.819923e+07
TAC
QT Input Channel

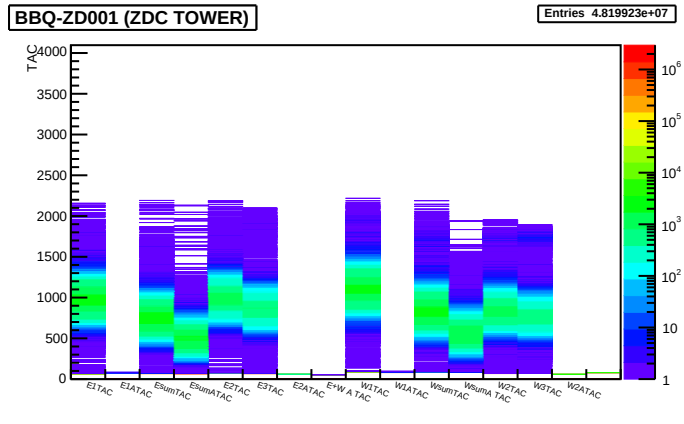

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.819923e+07
ADC
QT Input Channel

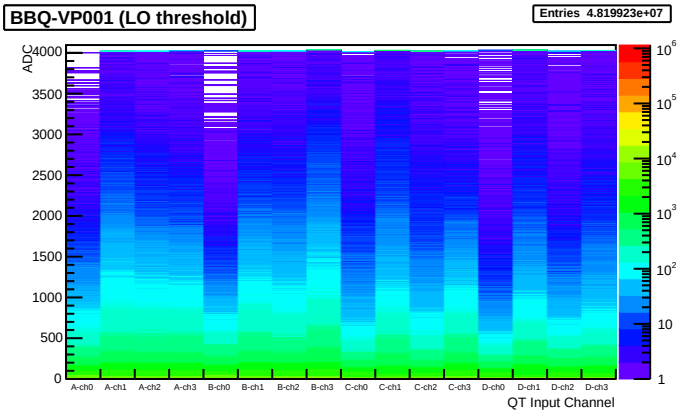

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.819923e+07
TAC
QT Input Channel

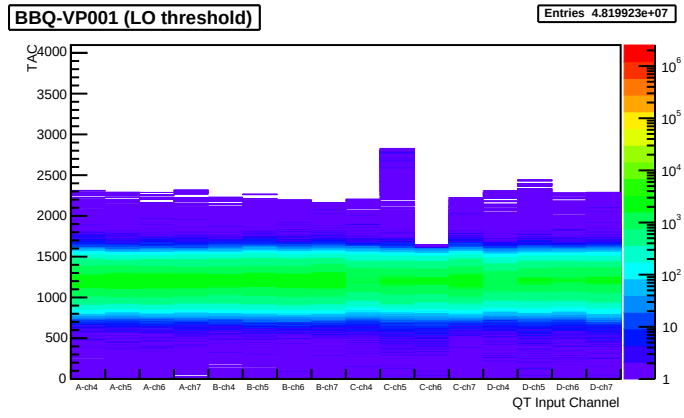

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.819923e+07
ADC
QT Input Channel

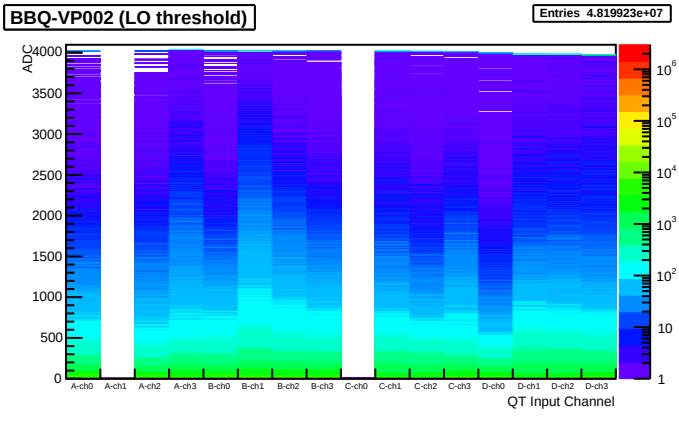

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.819923e+07
TAC
QT Input Channel

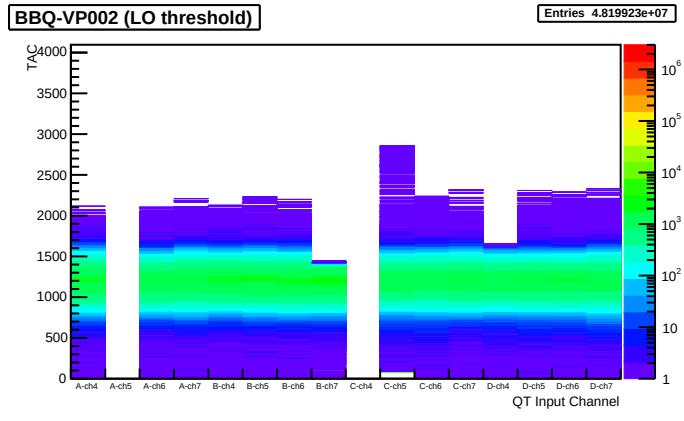

BBQ-ZD001 (ZDC TOWER)
Entries 4.819923e+07
ADC

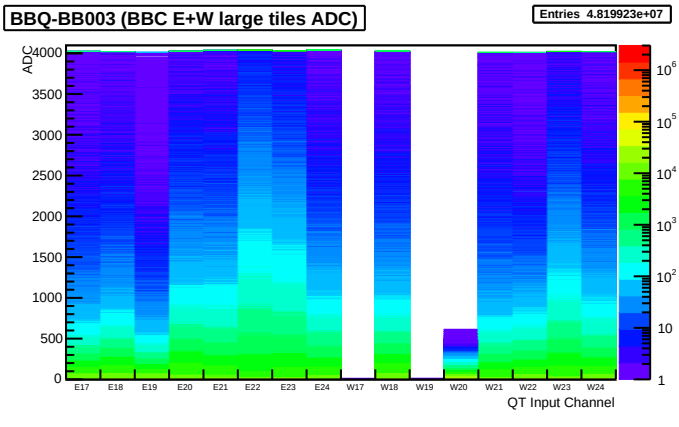

BBQ-ZD001 (ZDC TOWER)
Entries 4.819923e+07
TAC

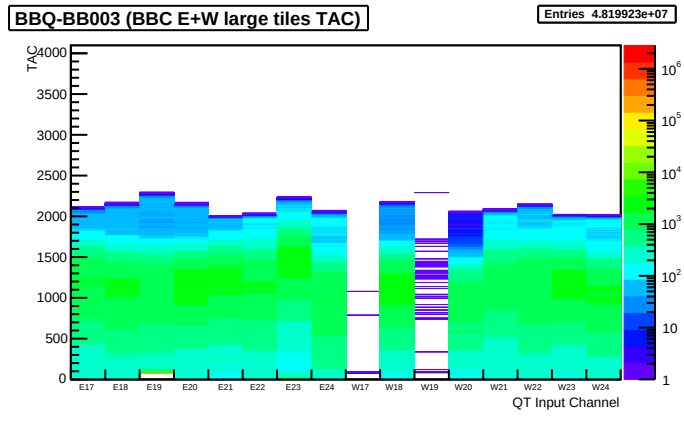

BBQ-VP001 (LO threshold)
Entries 4.819923e+07
ADC
QT Input Channel

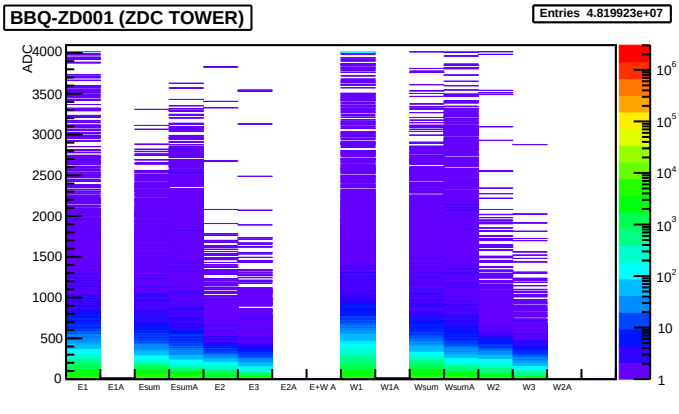

BBQ-VP001 (LO threshold)
Entries 4.819923e+07
TAC
QT Input Channel

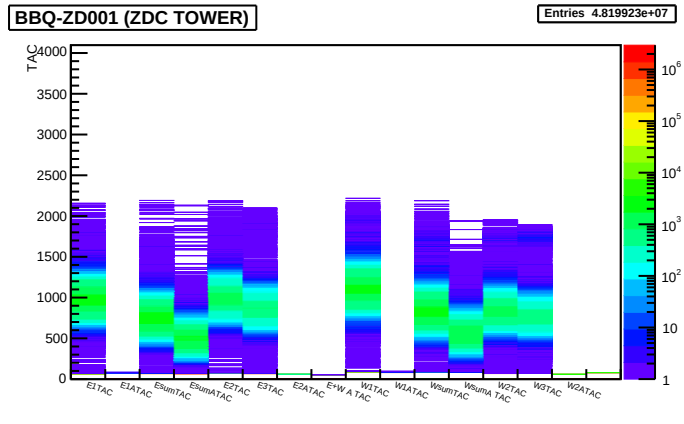

BBQ-VP002 (LO threshold)
Entries 4.819923e+07
ADC
QT Input Channel

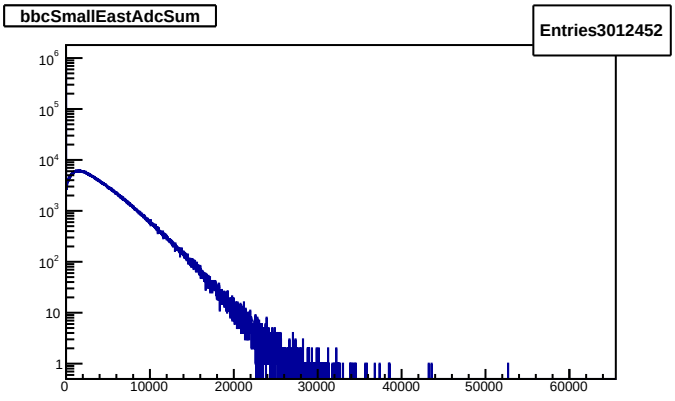

BBQ-VP002 (LO threshold)
Entries 4.819923e+07
TAC
QT Input Channel

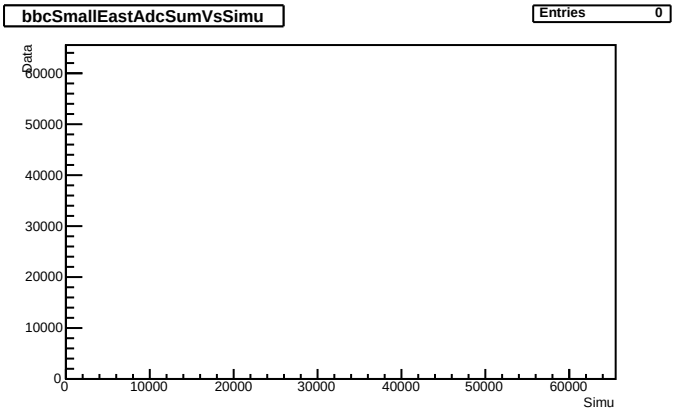

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.819923e+07
ADC
QT Input Channel

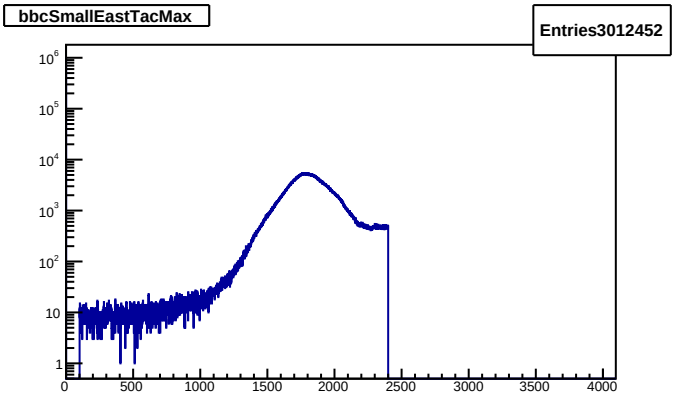

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.819923e+07
TAC
QT Input Channel

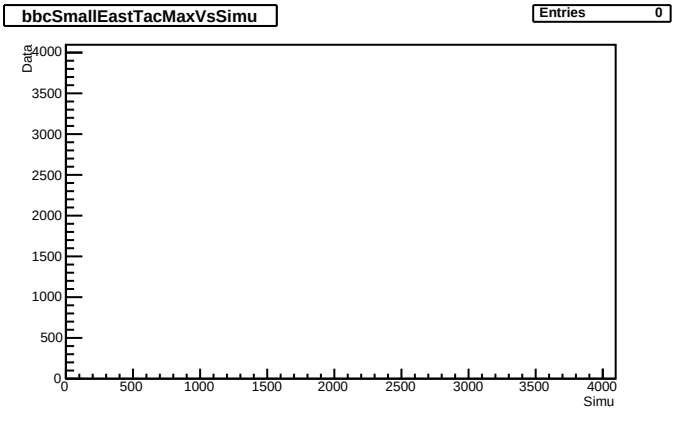

BBQ-ZD001 (ZDC TOWER)
Entries 4.819923e+07
ADC

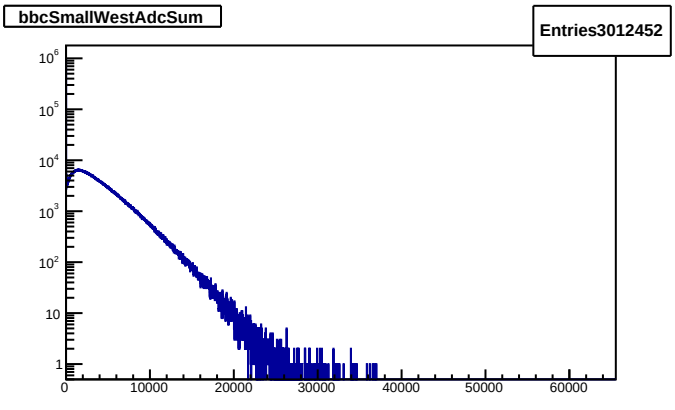

BBQ-ZD001 (ZDC TOWER)
Entries 4.819923e+07
TAC

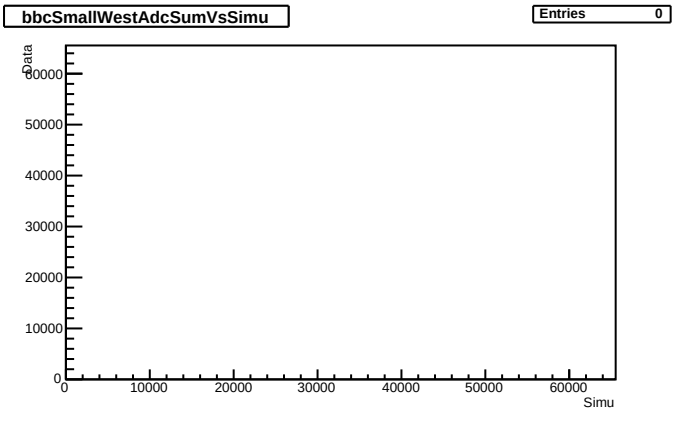

bbcSmallEastAdcSum
Entries3012452

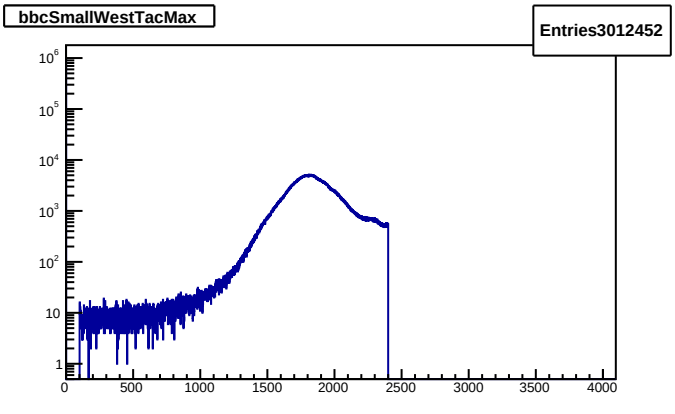

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

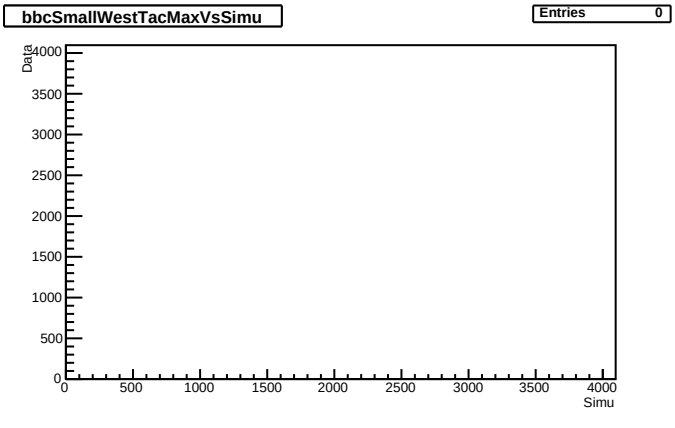

bbcSmallEastTacMax
Entries3012452

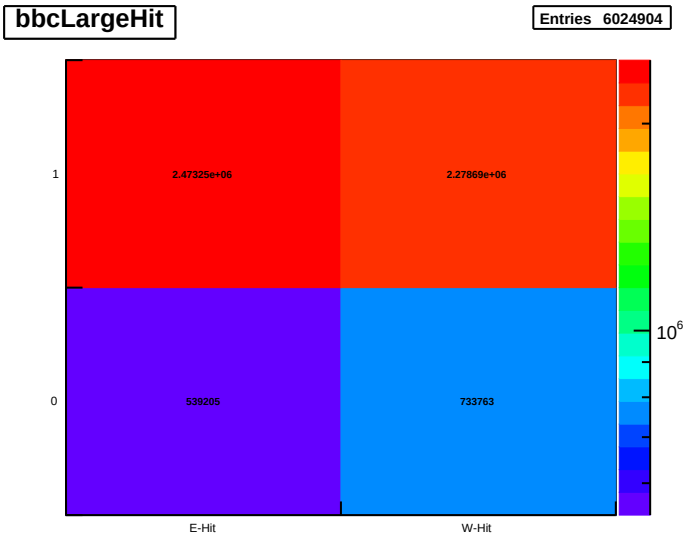

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

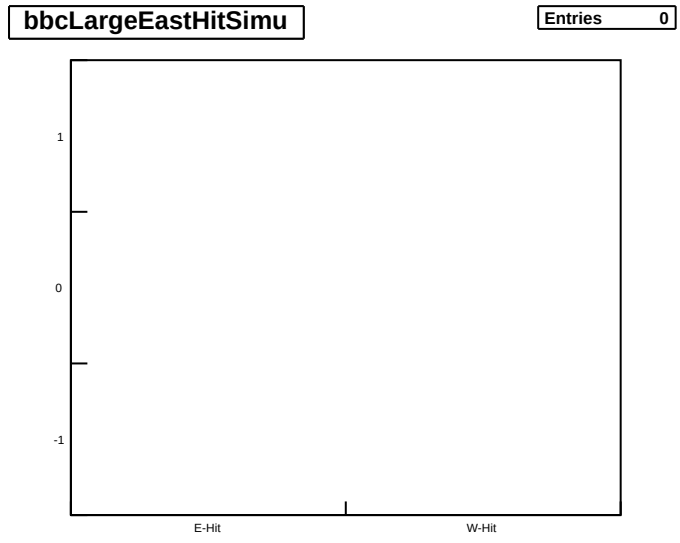

bbcSmallWestAdcSum
Entries3012452

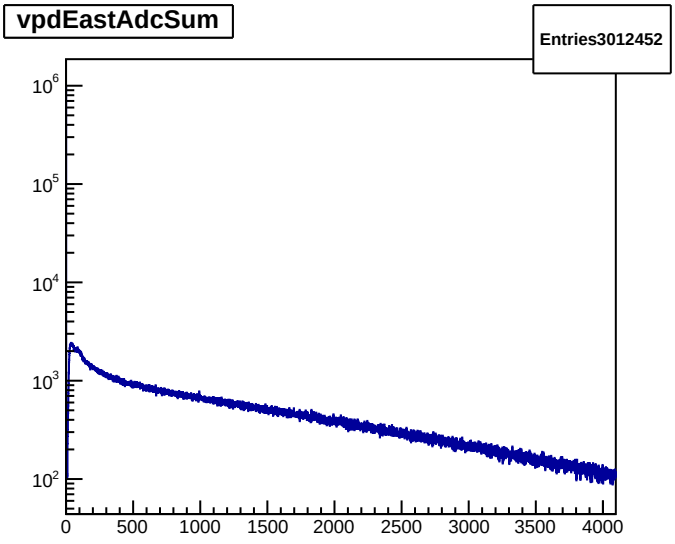

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

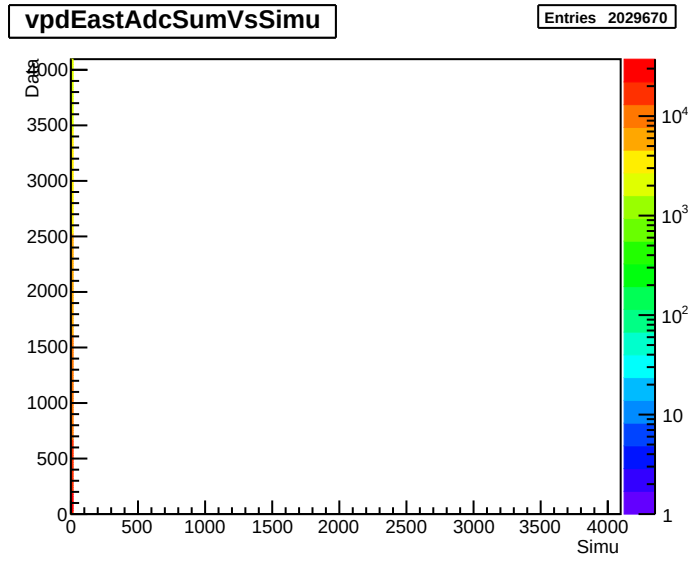

bbcSmallWestTacMax
Entries3012452

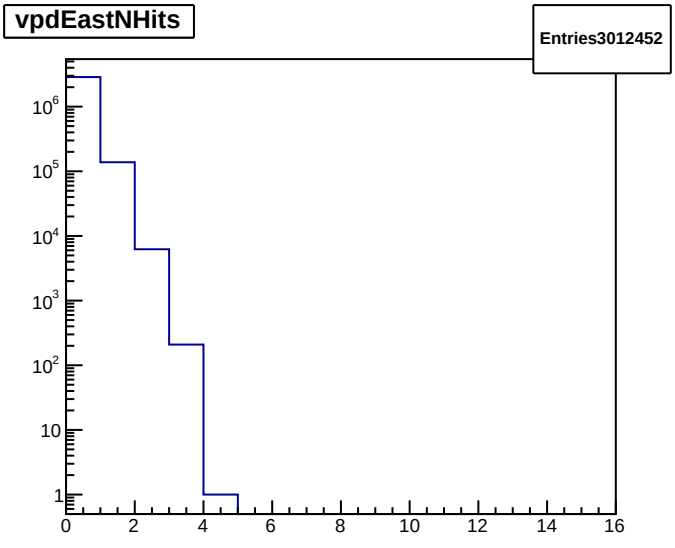

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

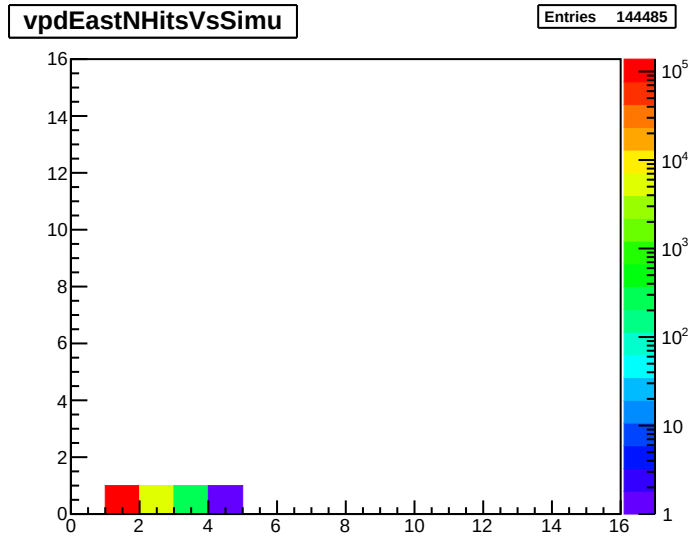

bbcLargeHit
Entries 6024904
2.47325e+06
2.27869e+06
539205
733763
1
0
E-Hit
W-Hit
10^6

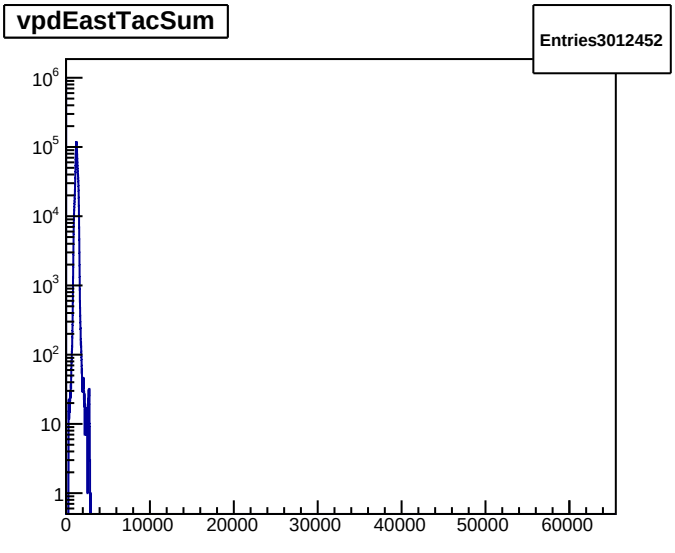

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

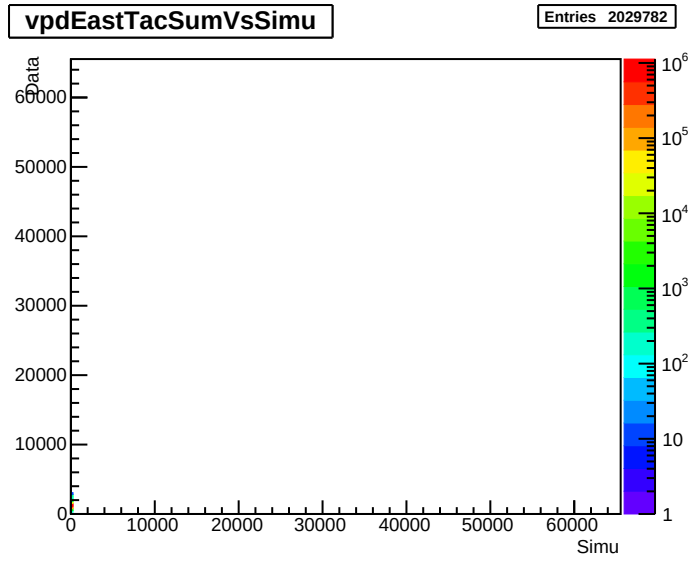

vpdEastAdcSum
Entries3012452

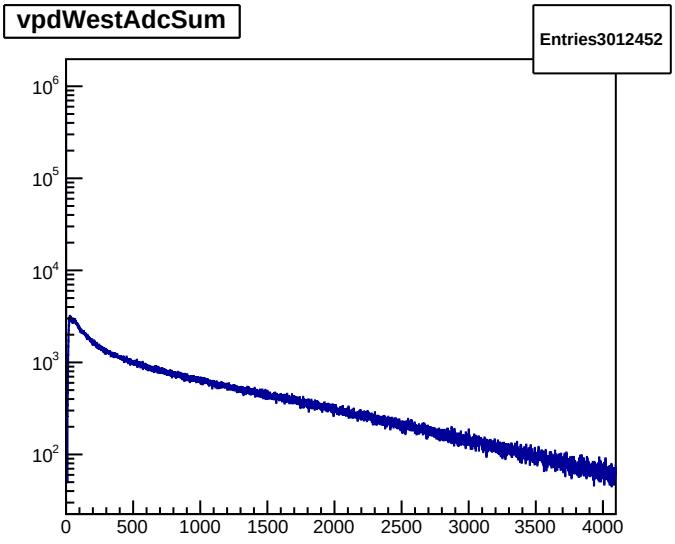

vpdEastAdcSumVsSimu
Entries 2029670
Data
Simu

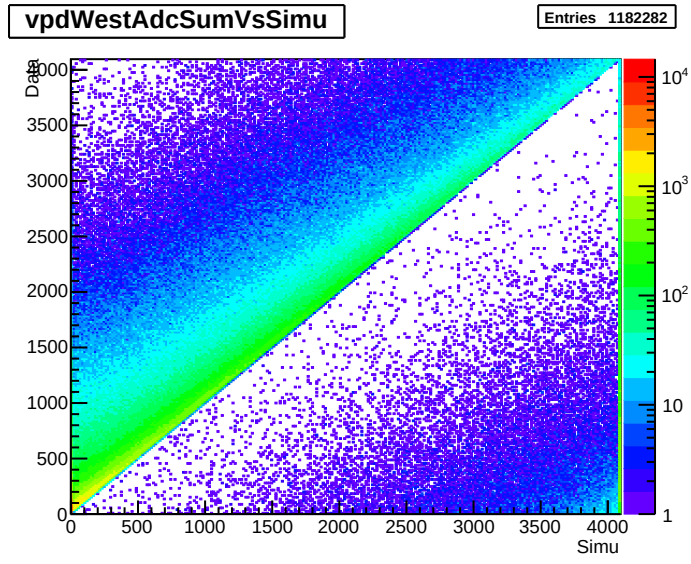

vpdEastNHits
Entries3012452

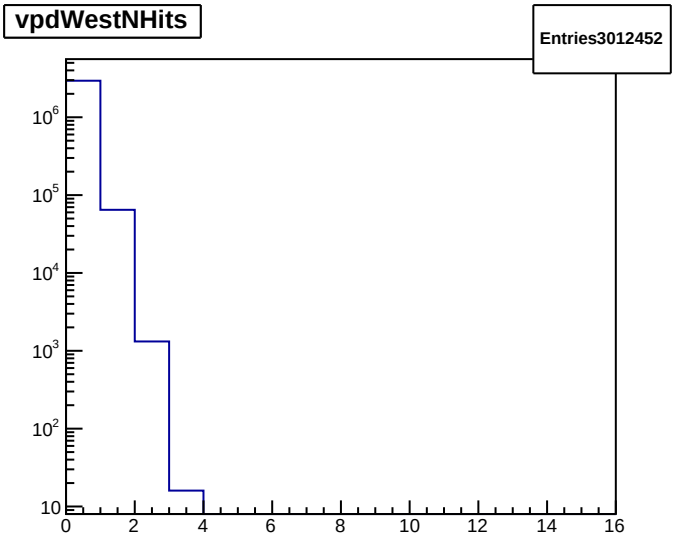

vpdEastNHitsVsSimu
Entries 144485

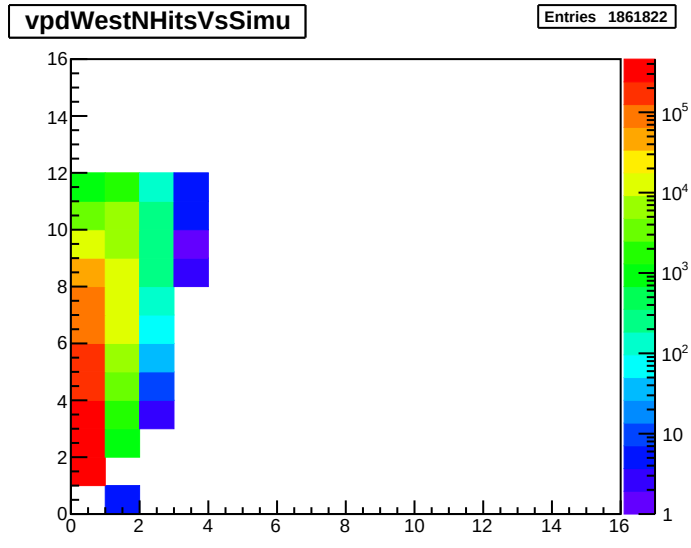

vpdEastTacSum
Entries3012452

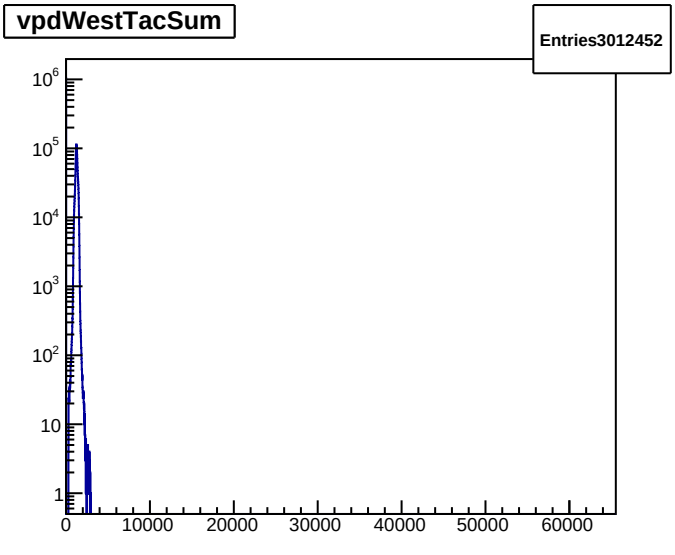

vpdEastTacSumVsSimu
Entries 2029782
Data
Simu

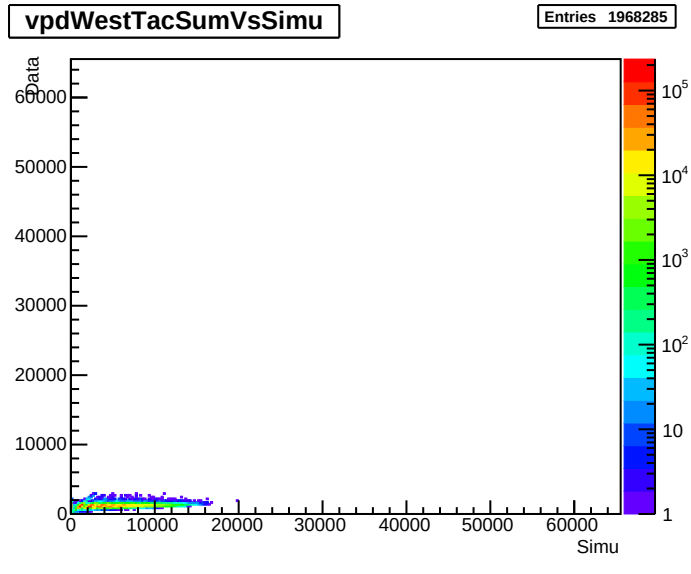

vpdWestAdcSum
Entries3012452

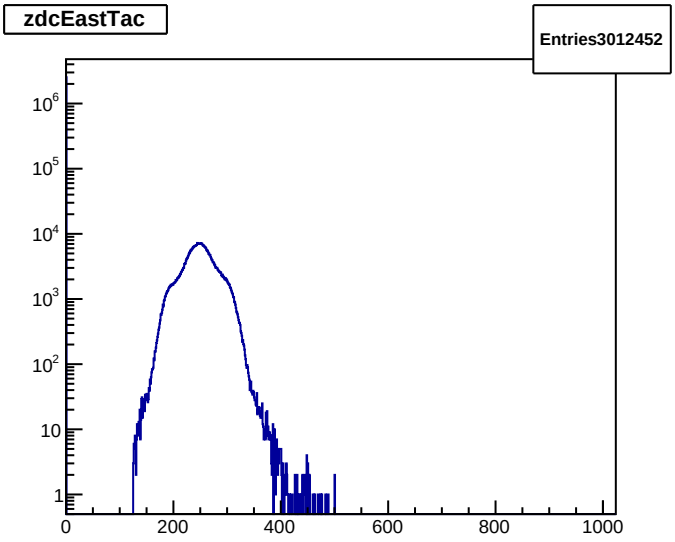

vpdWestAdcSumVsSimu
Entries 1182282
Data
Simu

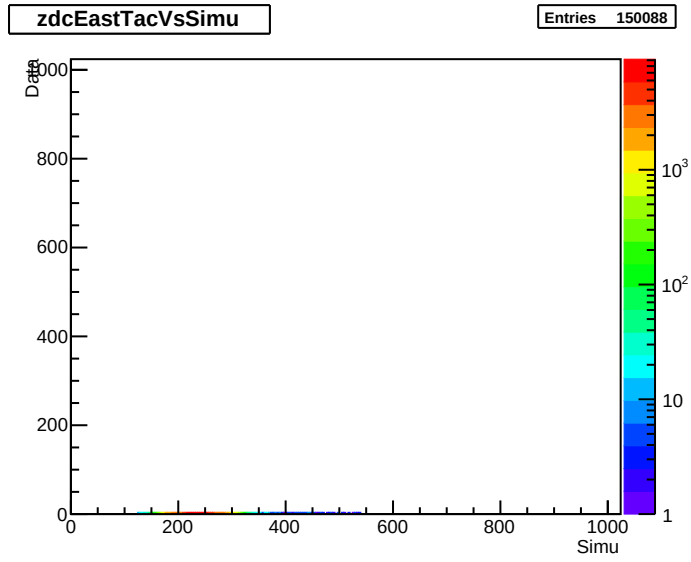

vpdWestNHits
Entries3012452

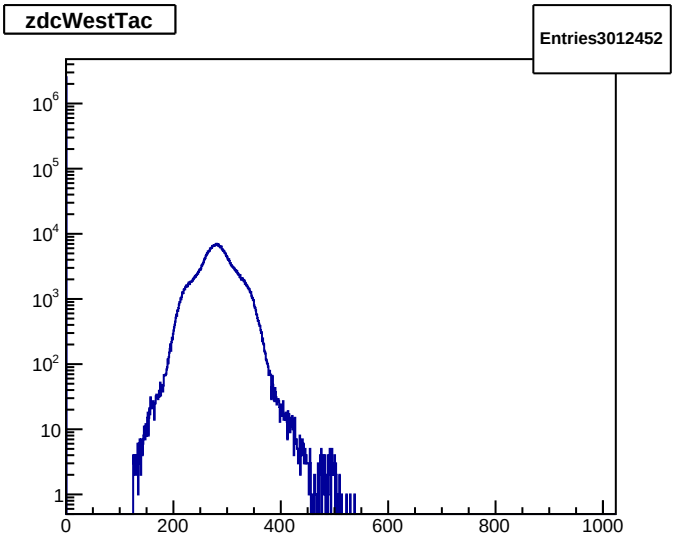

vpdWestNHitsVsSimu
Entries 1861822

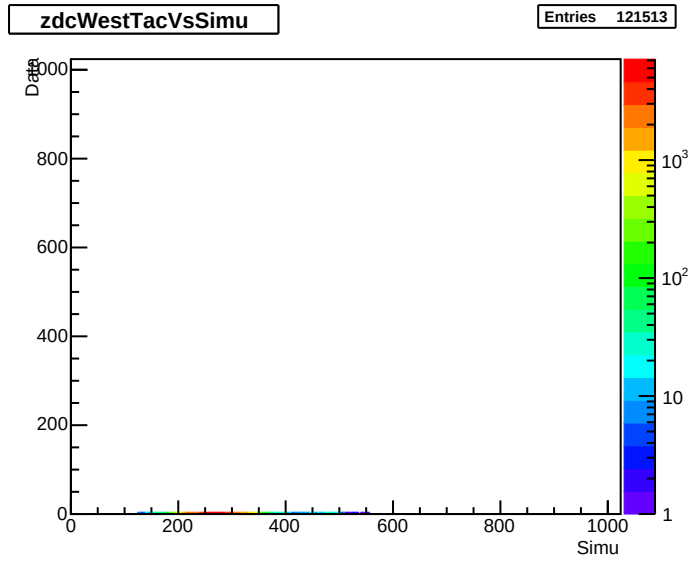

vpdWestTacSum
Entries3012452

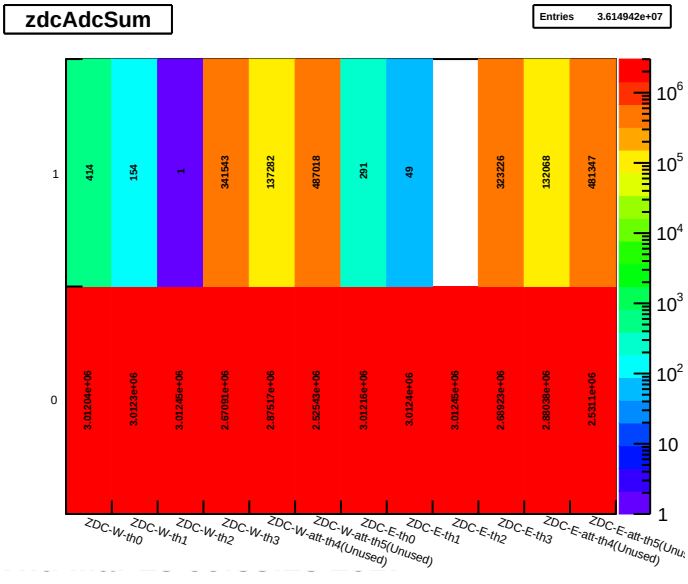

vpdWestTacSumVsSimu
Entries 1968285
Data
Simu

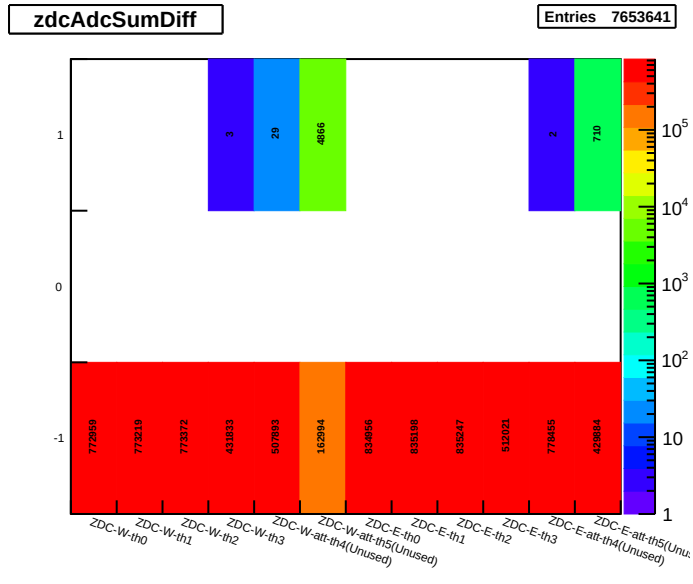

zdcEastTac
Entries3012452

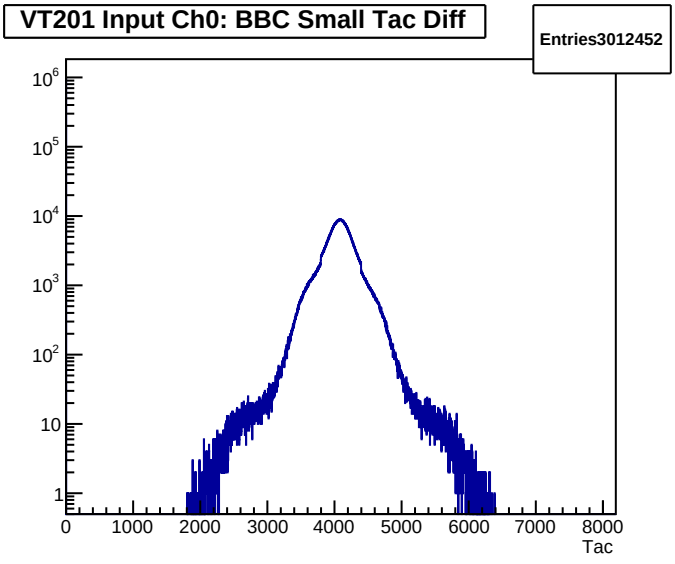

zdcEastTacVsSimu
Entries 150088
Data
Simu

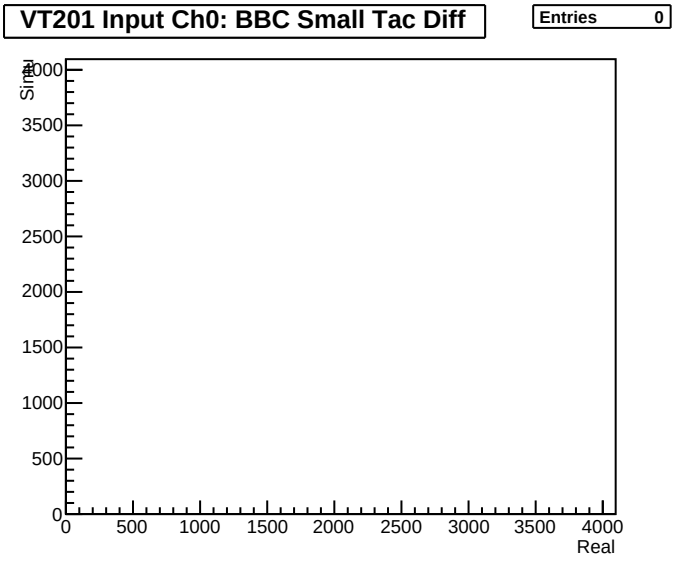

zdcWestTac
Entries3012452

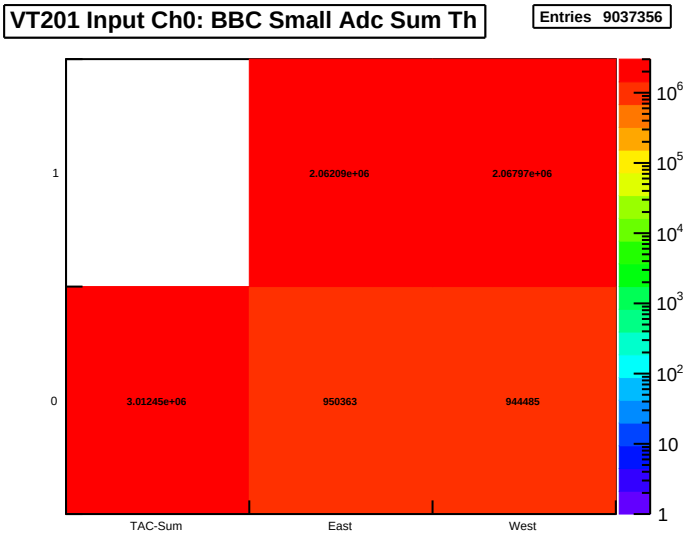

zdcWestTacVsSimu
Entries 121513
Data
Simu

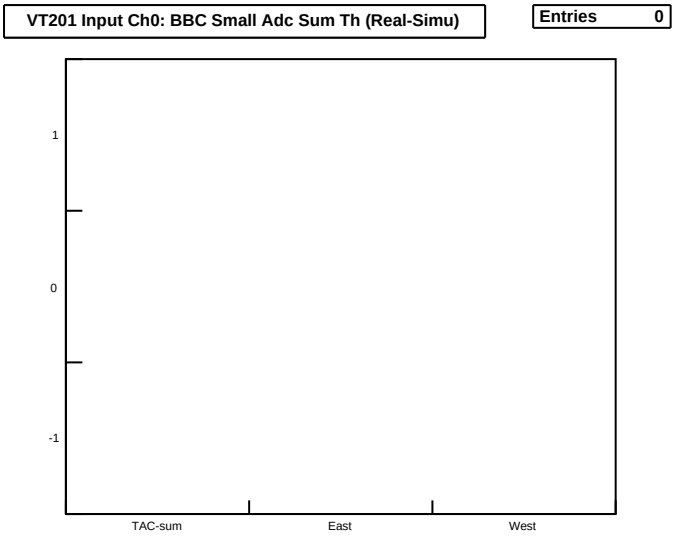

zdcAdcSum
Entries 3.614942e+07
414
154
1
341543
137282
487018
291
49
323226
132068
481347
3.01204e+06
3.01223e+06
3.01245e+06
2.67091e+06
2.87517e+06
2.52543e+06
3.01216e+06
3.01124e+06
3.01245e+06
2.68923e+06
2.80038e+06
2.5311e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

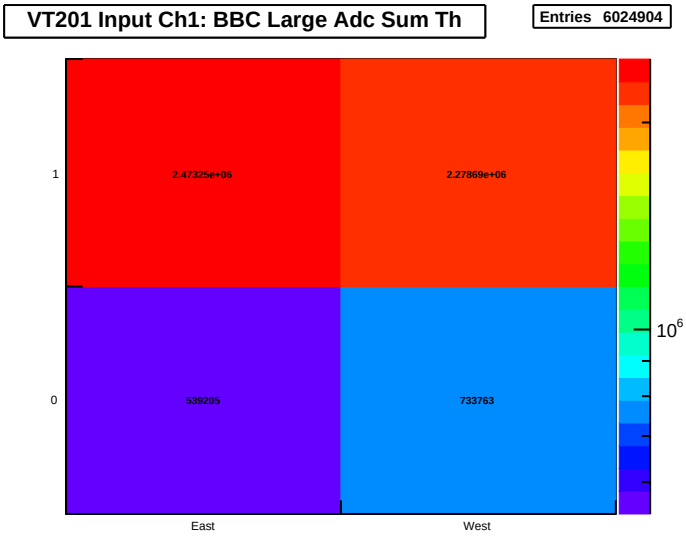

zdcAdcSumDiff
Entries 7653641
3
29
4866
2
710
772959
773219
773372
431833
507893
162994
834956
835198
835247
512021
779455
428884
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

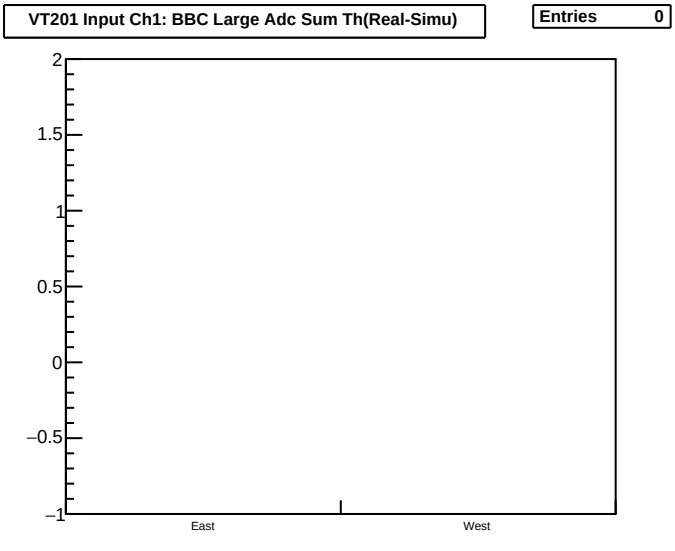

VT201 Input Ch0: BBC Small Tac Diff
Entries3012452
Tac


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

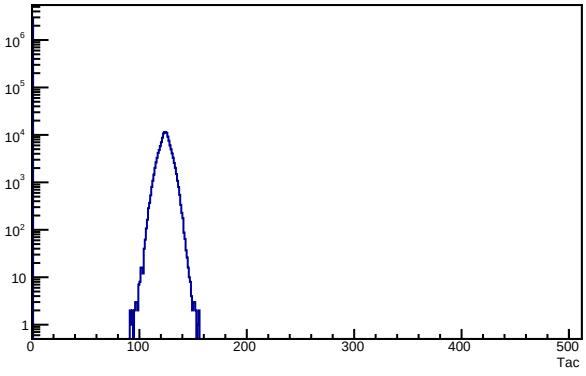

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9037356
2.06209e+06
2.06797e+06
3.01245e+06
950363
944485
TAC-Sum
East
West


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

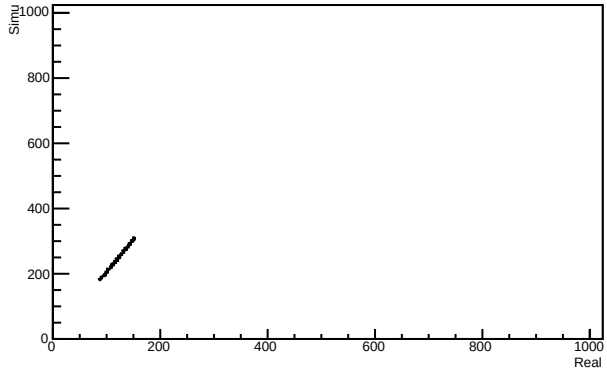

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6024904
2.47325e+06
2.27869e+06
539205
733763
East
West


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

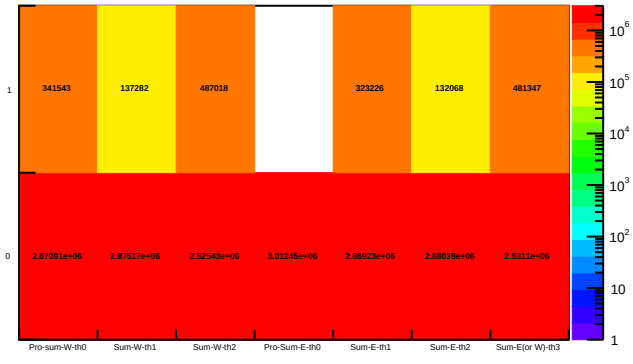
VT201 Input Ch2: ZDC Tac Diff



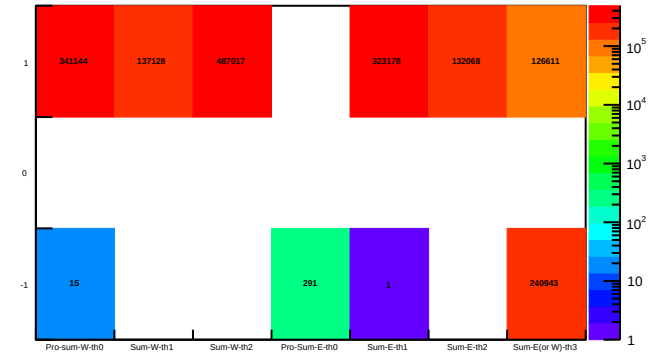
VT201 Input Ch2: ZDC Tac Diff



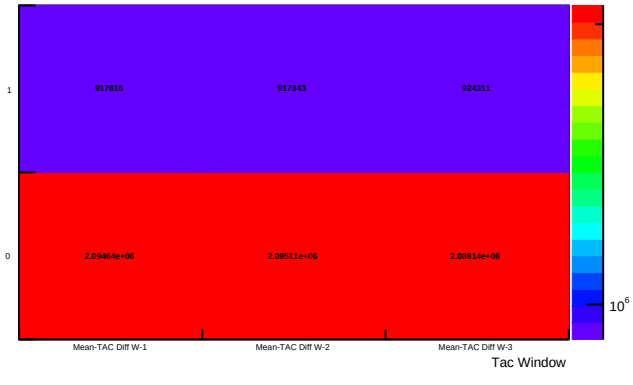
VT201 Input Ch2: ZDC Adc Sum Th



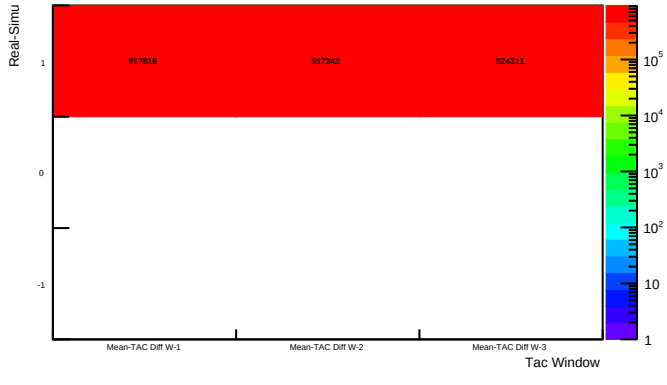
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



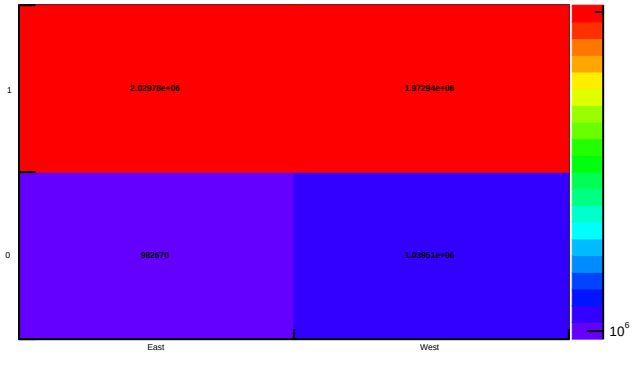
VT201 Input Ch4: VPD Tac Diff



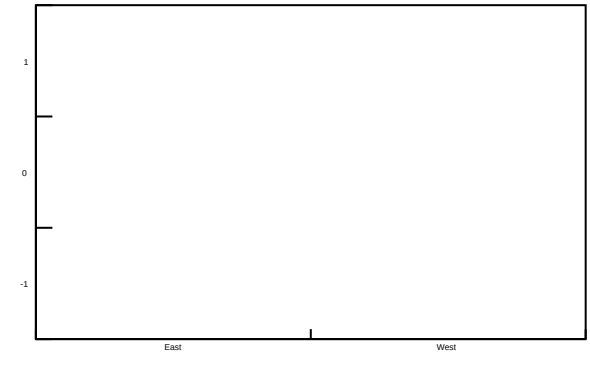
VT201 Input Ch4: VPD Tac Diff

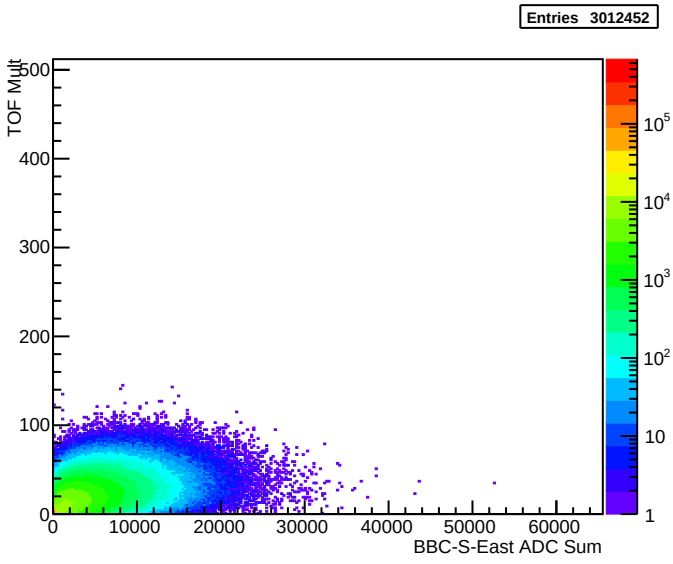


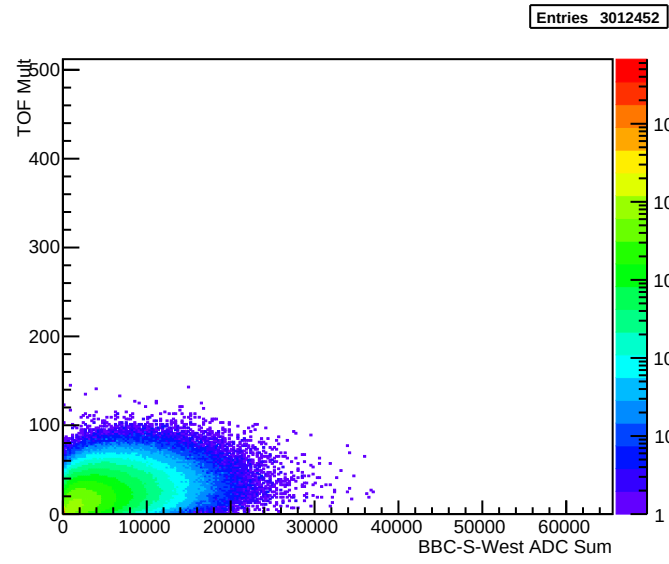
VT201 Input Ch4: VPD Adc Sum Th

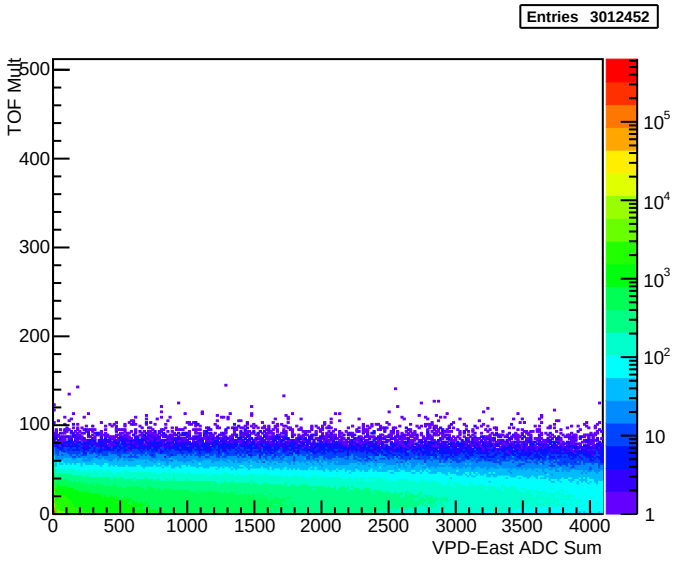


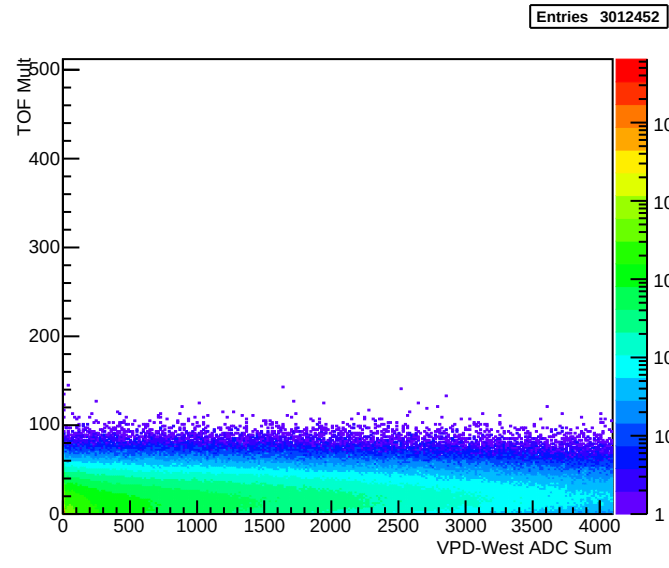
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

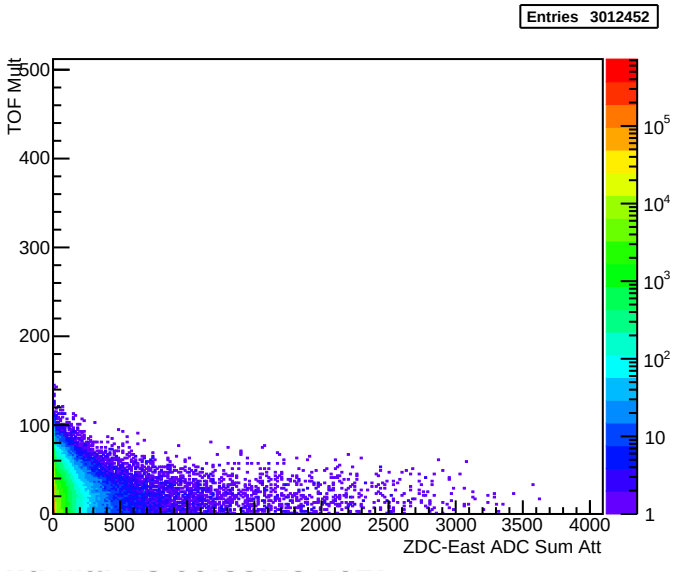


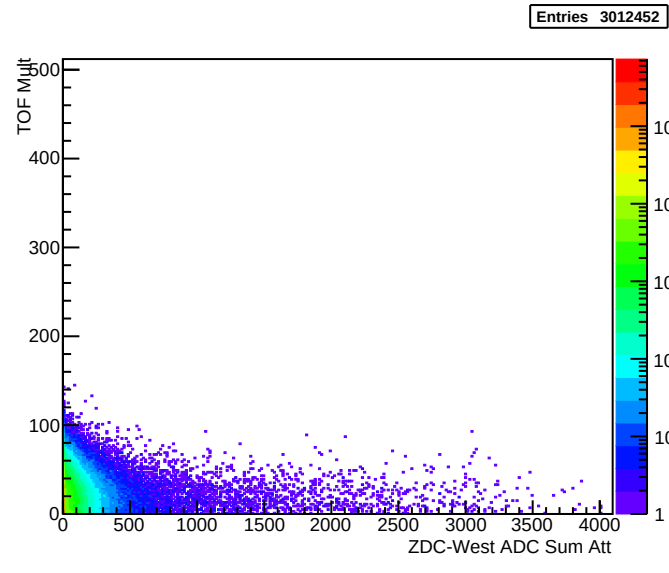

Entries 3012452
TOF Mult
BBC-S-East ADC Sum

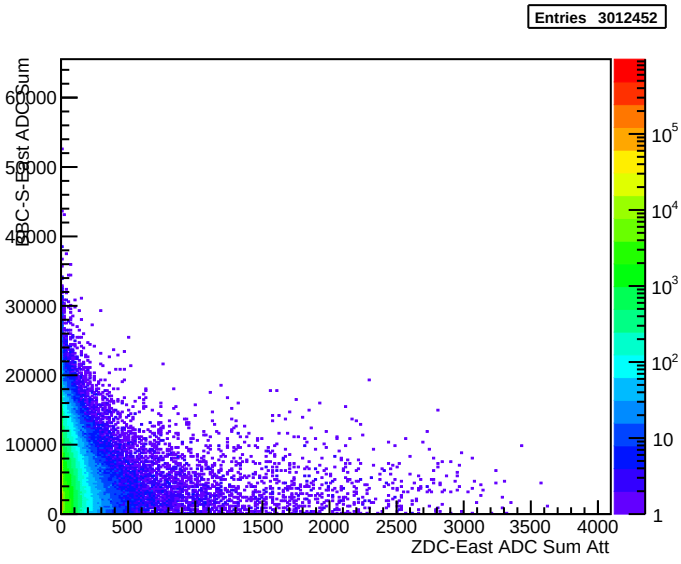

Entries 3012452
TOF Mult
BBC-S-West ADC Sum

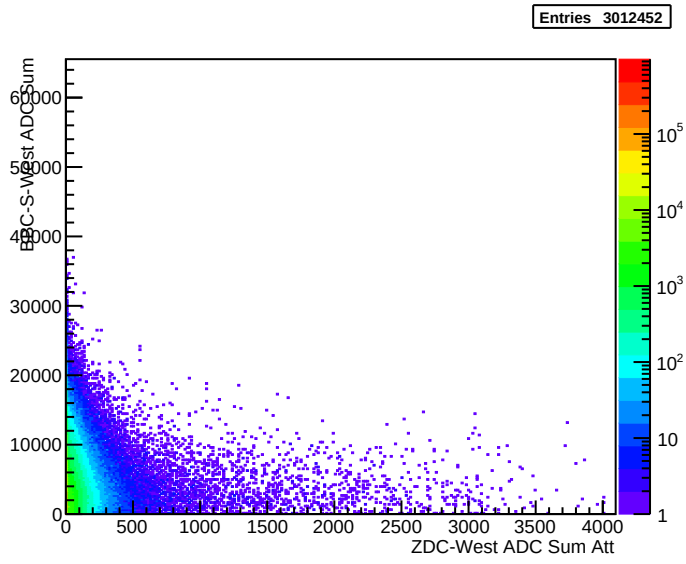

Entries 3012452
TOF Mult
VPD-East ADC Sum

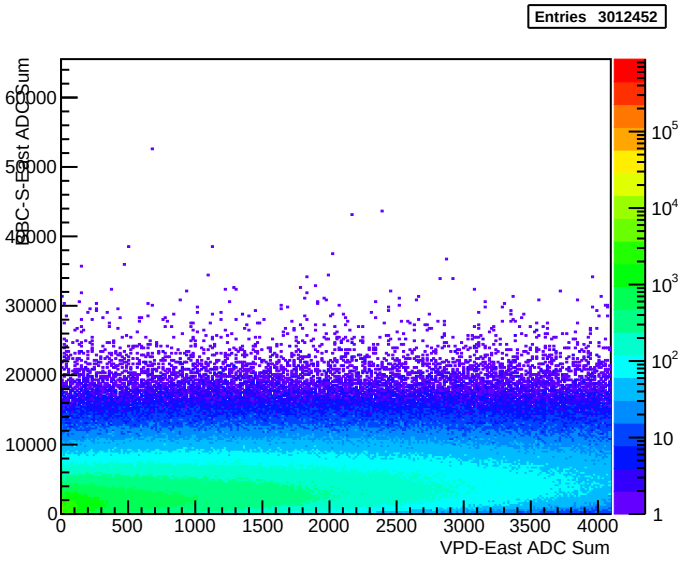

Entries 3012452
TOF Mult
VPD-West ADC Sum

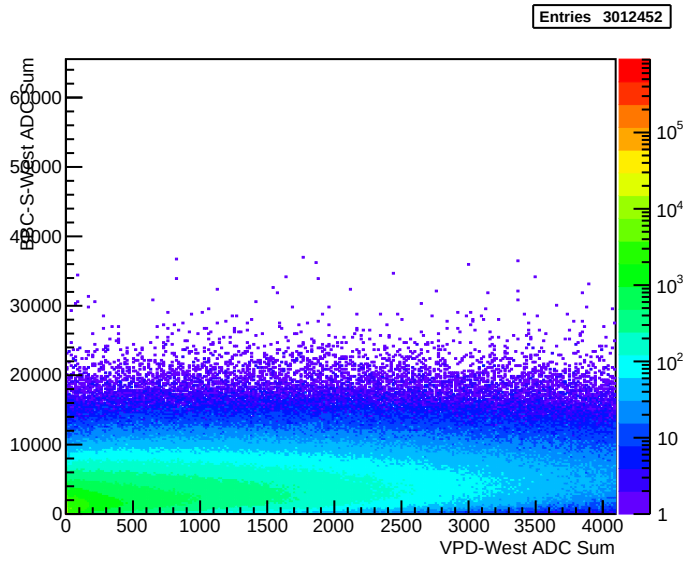

Entries 3012452
TOF Mult
ZDC-East ADC Sum Att

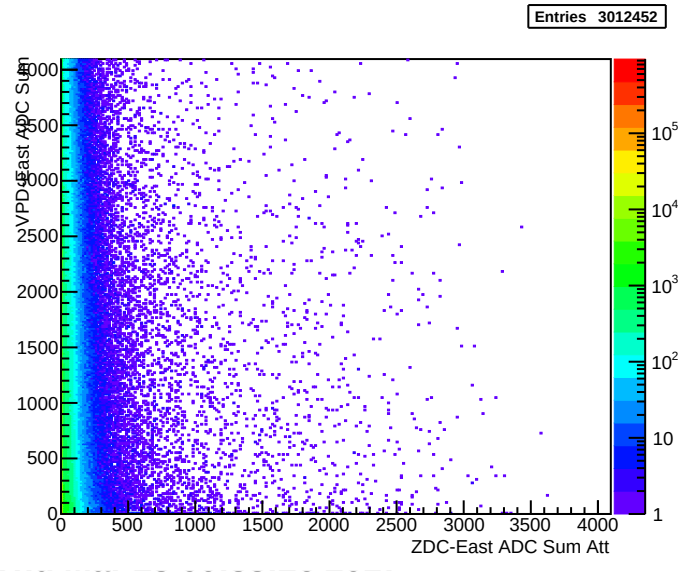

Entries 3012452
TOF Mult
ZDC-West ADC Sum Att

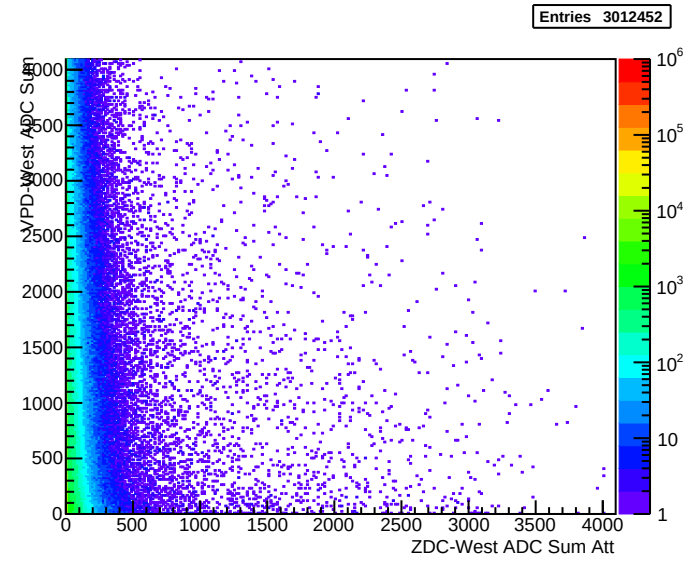

Entries 3012452
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

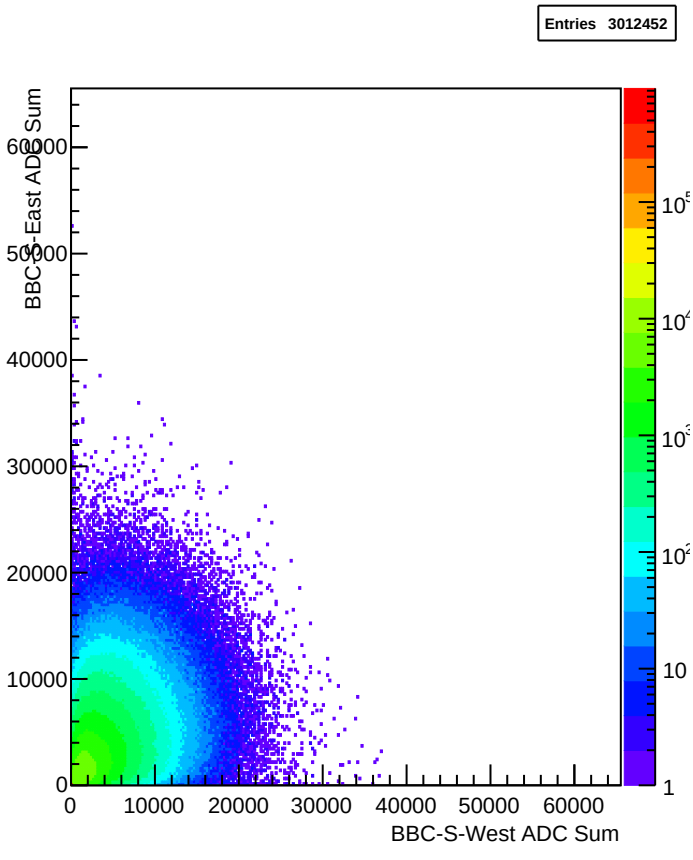

Entries 3012452
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

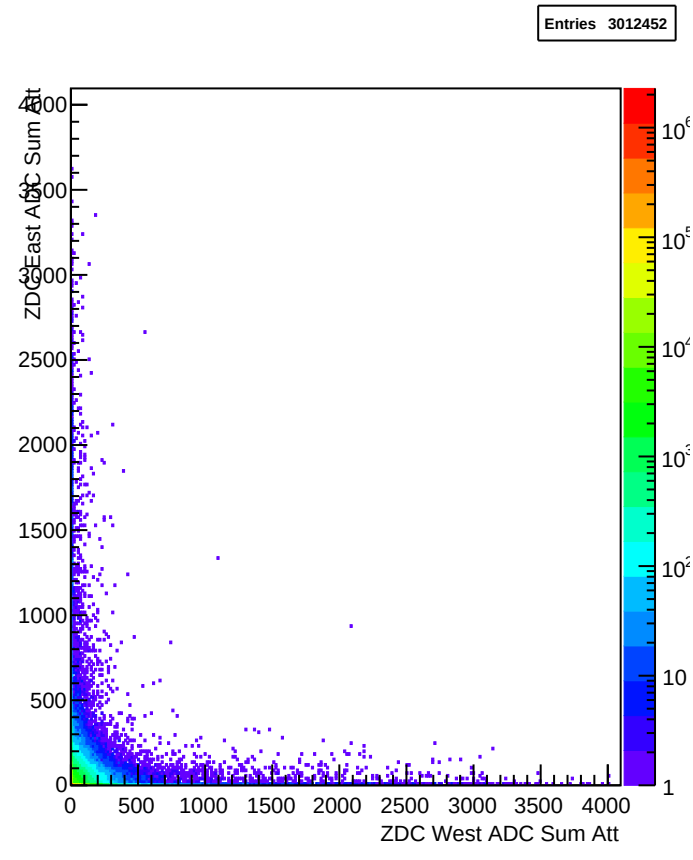

Entries 3012452
BBC-S-East ADC Sum
VPD-East ADC Sum

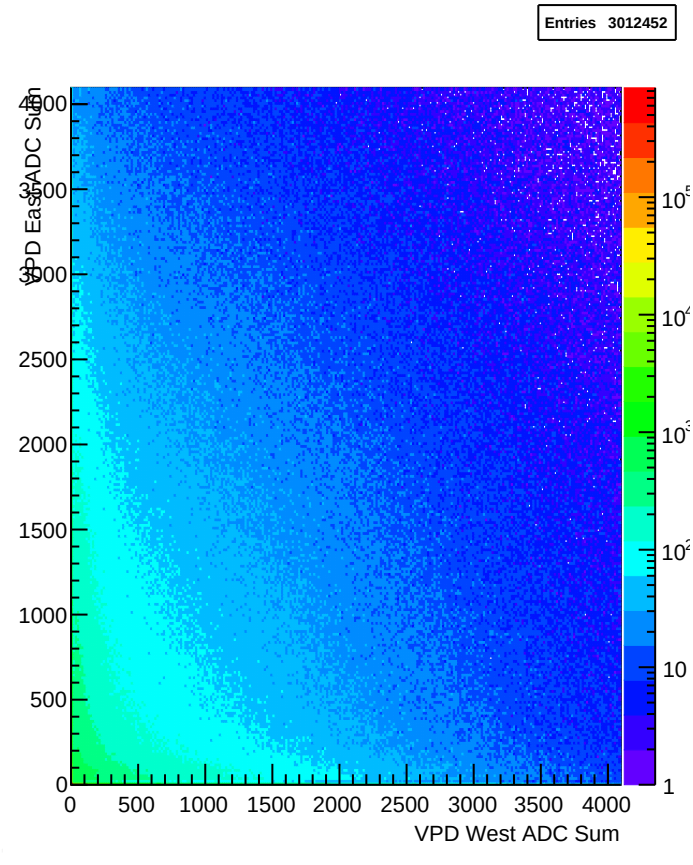

Entries 3012452
BBC-S-West ADC Sum
VPD-West ADC Sum

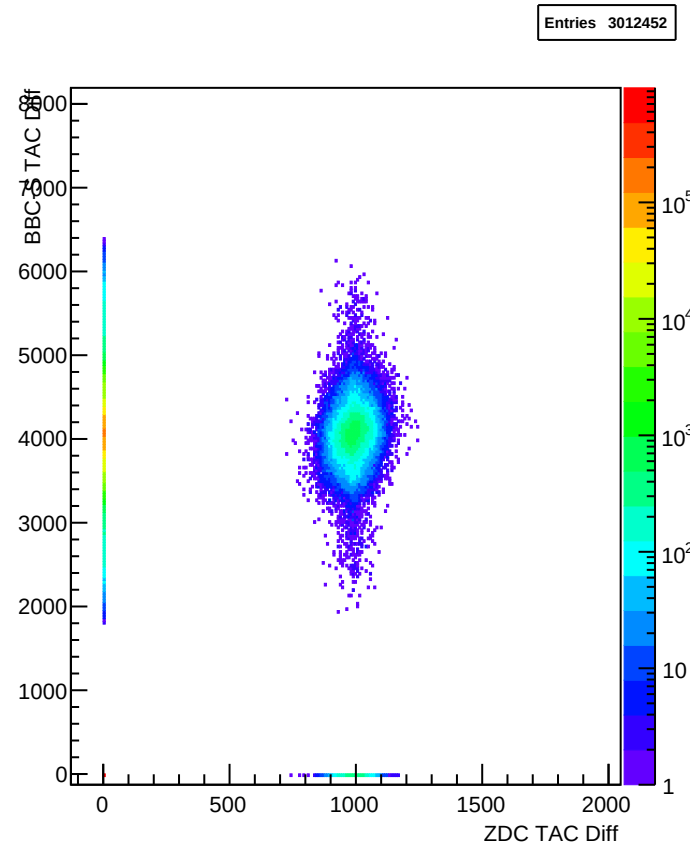

Entries 3012452
VPD-East ADC Sum
ZDC-East ADC Sum Att

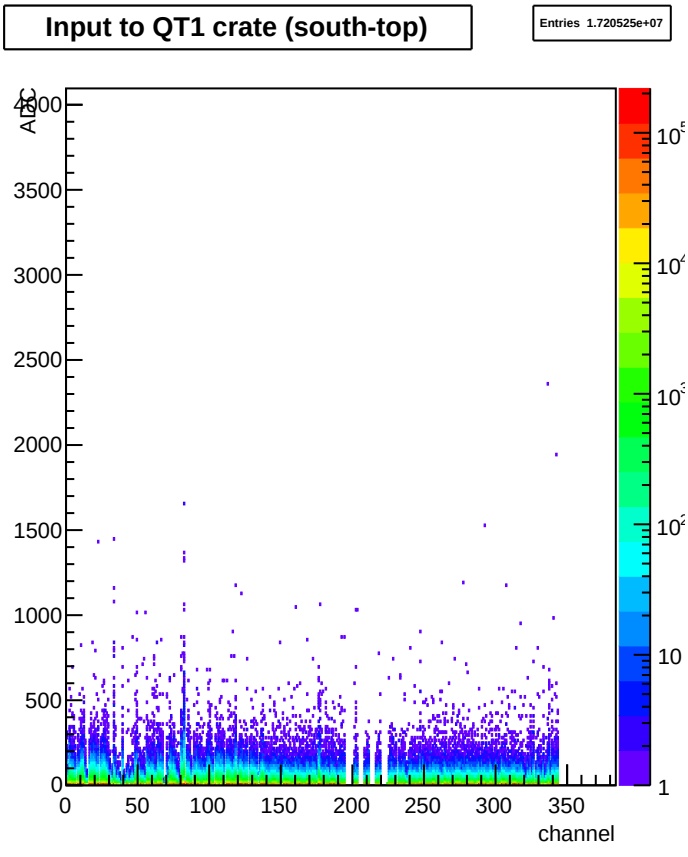

Entries 3012452
VPD-West ADC Sum
ZDC-West ADC Sum Att

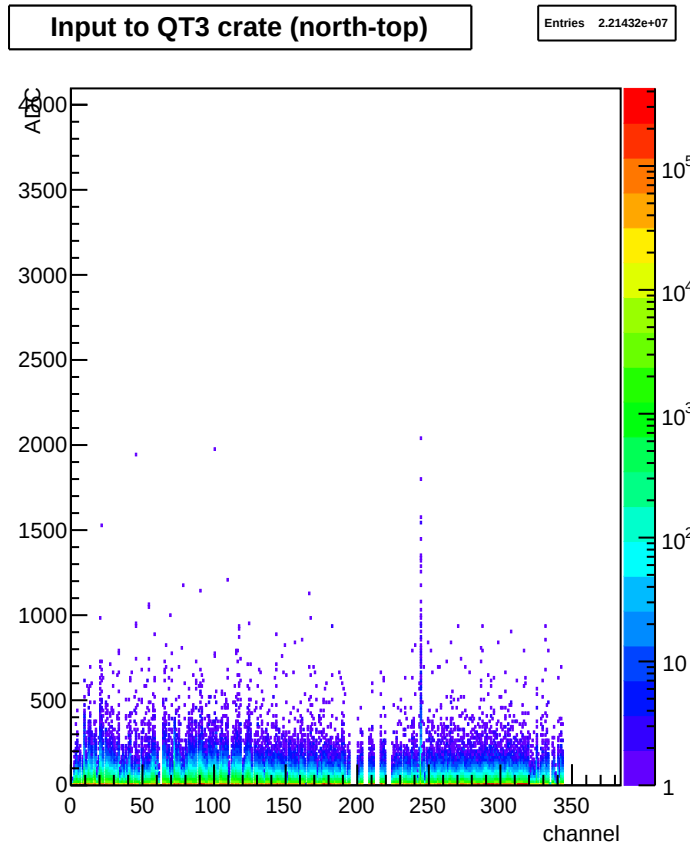

Entries 3012452
BBC-S-East ADC Sum
BBC-S-West ADC Sum

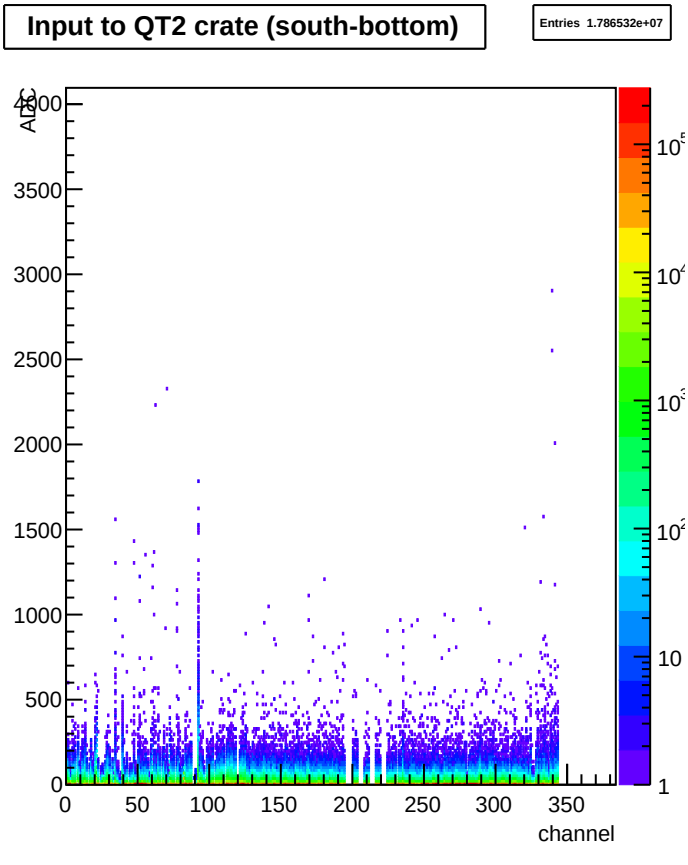

Entries 3012452
ZDC East ADC Sum Att
ZDC West ADC Sum Att

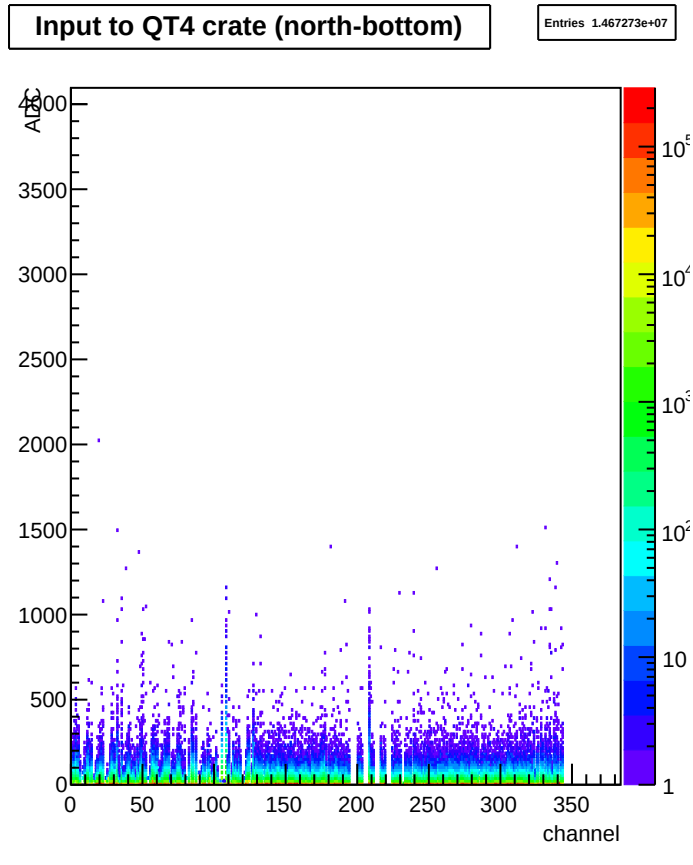

Entries 3012452
VPD East ADC Sum
VPD West ADC Sum

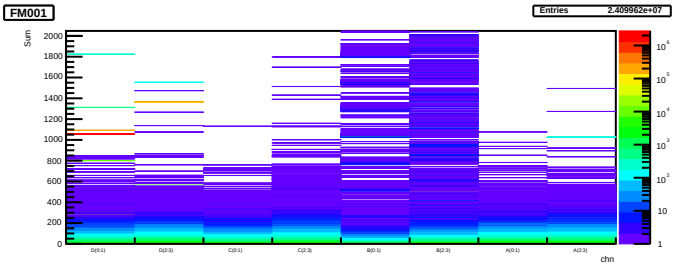

Entries 3012452
BBC-S TAC Diff
ZDC TAC Diff

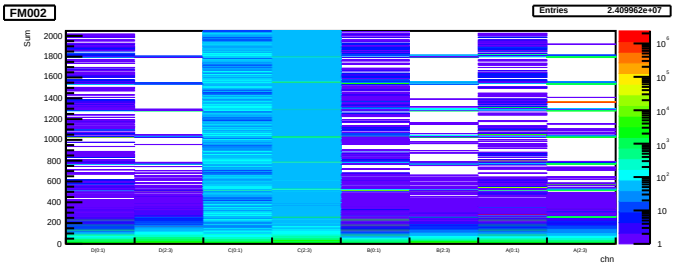

Input to QT1 crate (south-top)
Entries 1.720525e+07
ADC
channel

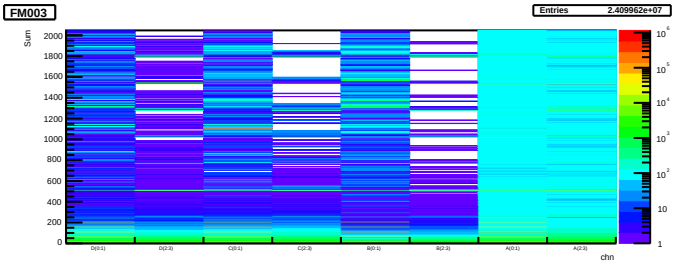

Input to QT3 crate (north-top)
Entries 2.21432e+07
ADC
channel

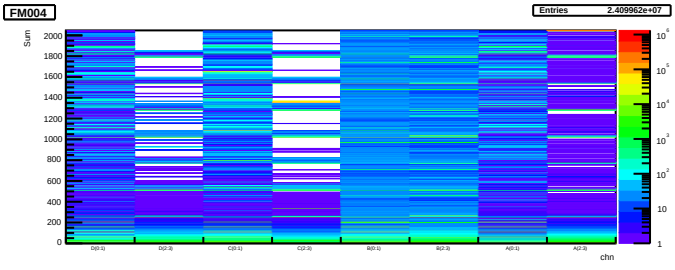

Input to QT2 crate (south-bottom)
Entries 1.786532e+07
ADC
channel

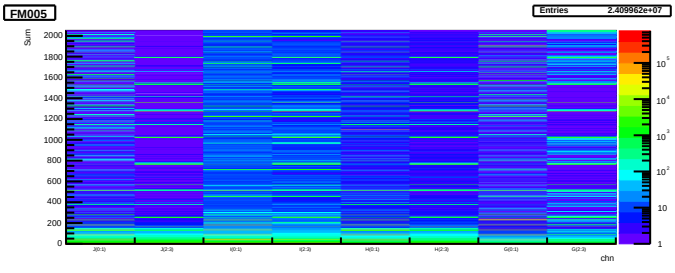

Input to QT4 crate (north-bottom)
Entries 1.467273e+07
ADC
channel

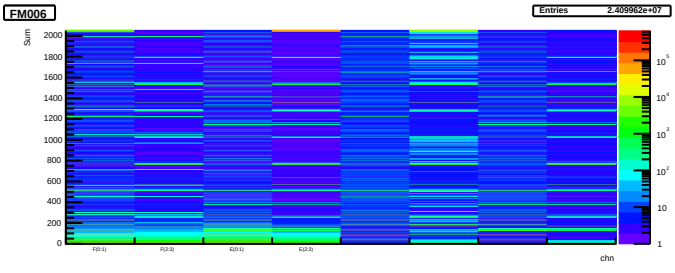

FM001
Entries 2.409962e+07
Sum
chn

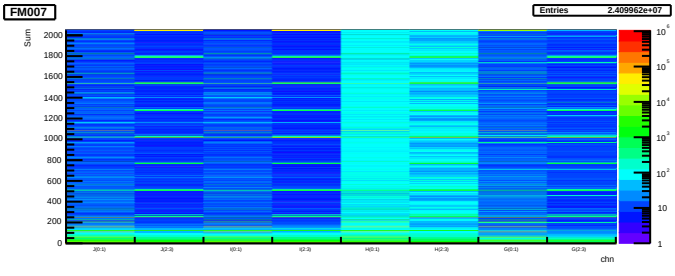

FM002
Entries 2.409962e+07
Sum
chn

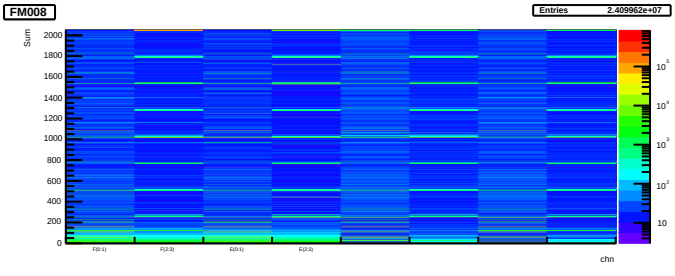

FM003
Entries 2.409962e+07
Sum
chn

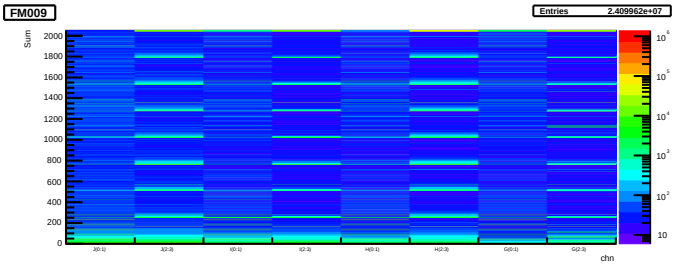

FM004
Entries 2.409962e+07
Sum
chn

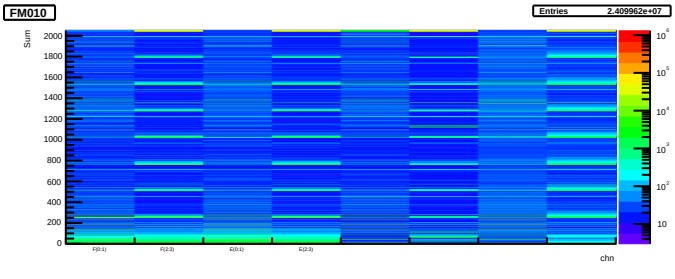

FM005
Entries 2.409962e+07
Sum
chn


FM006
Entries 2.409962e+07
Sum
chn


FM007
Entries 2.409962e+07
Sum
chn


FM008
Entries 2.409962e+07
Sum
chn


FM009
Entries 2.409962e+07
Sum
chn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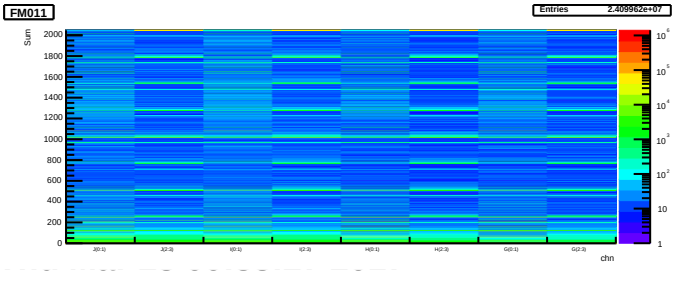
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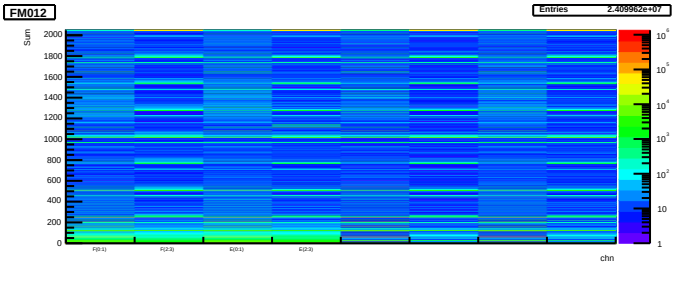
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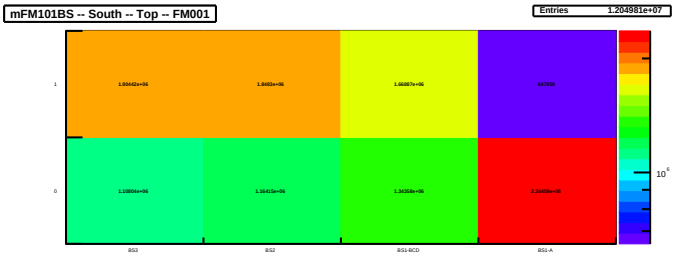
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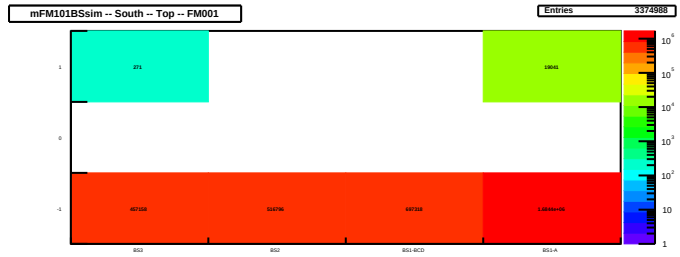
Entries 1.204981e+07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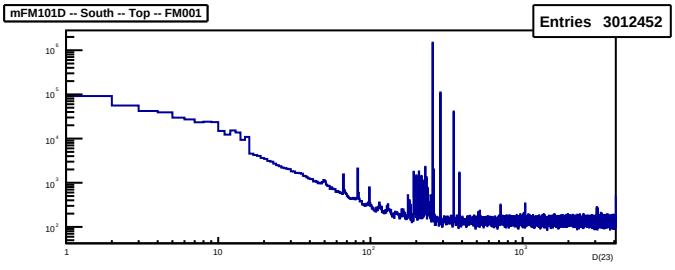
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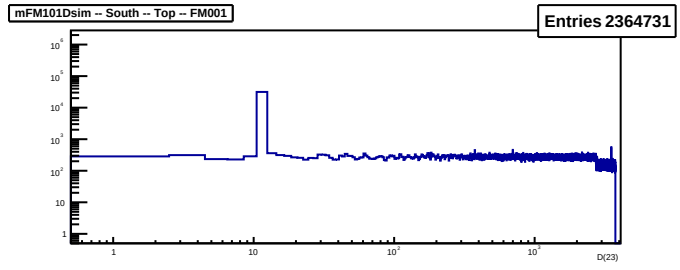
Entries 3012452
D(23)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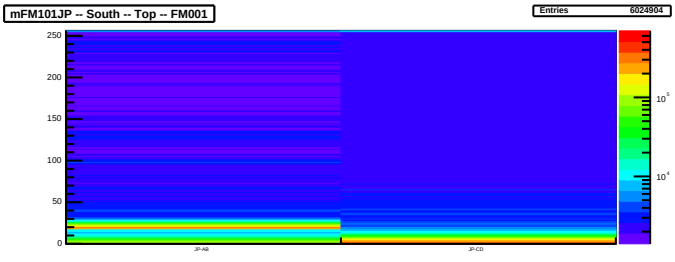
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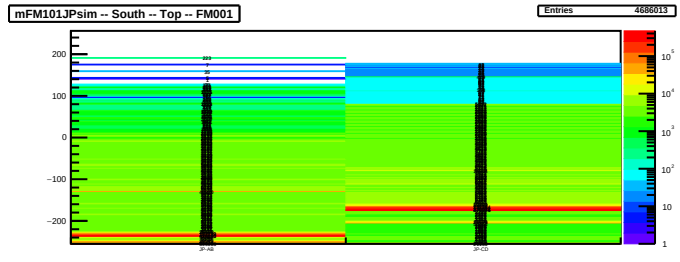
Entries 6024904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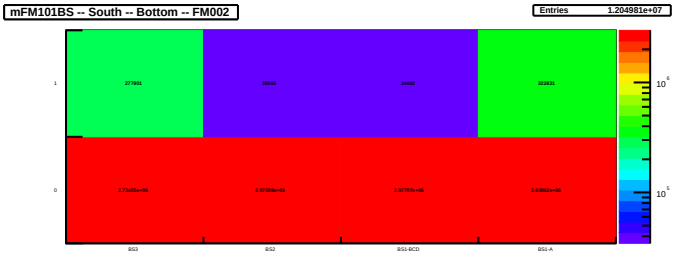
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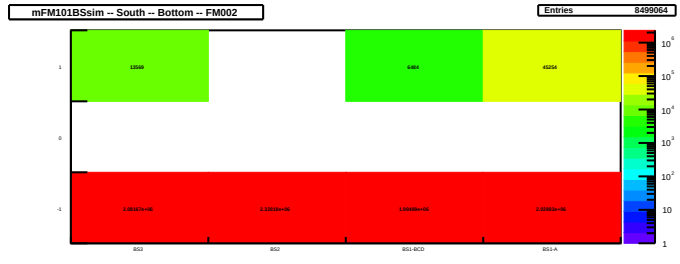
Entries 1.204981e+07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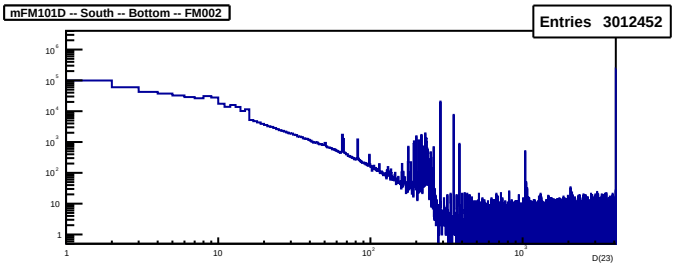
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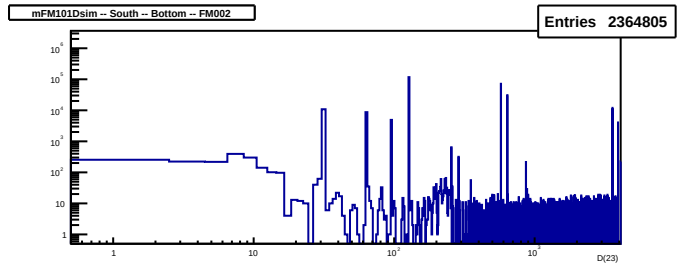
Entries 3012452
D(23)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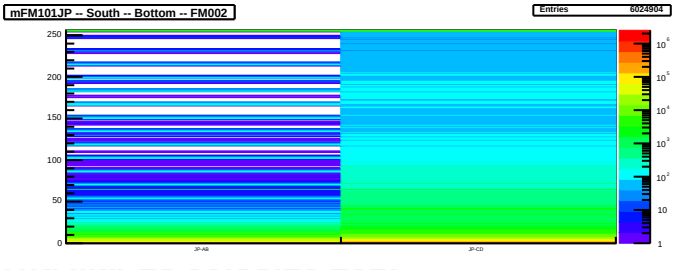
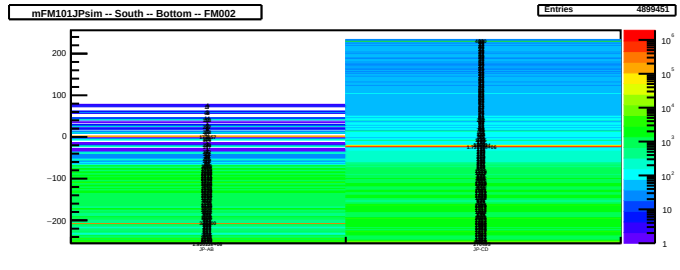

mFM101JP -- South -- Bottom -- FM002
Entries 6024904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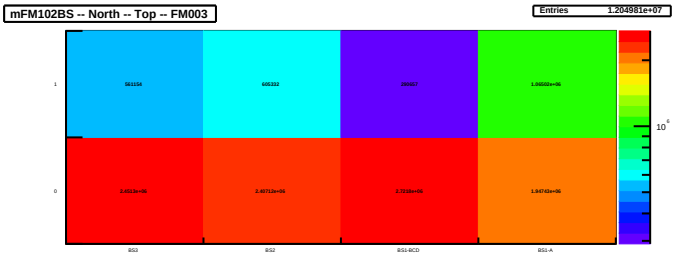
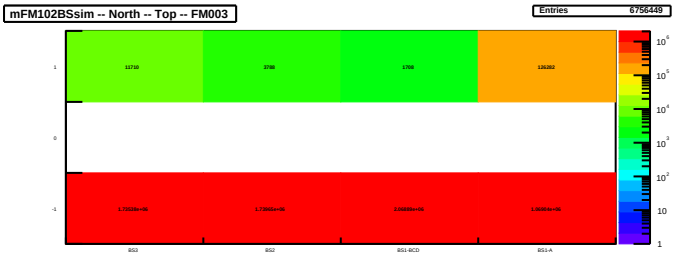

mFM102BS -- North -- Top -- FM003
Entries 1.204981e+07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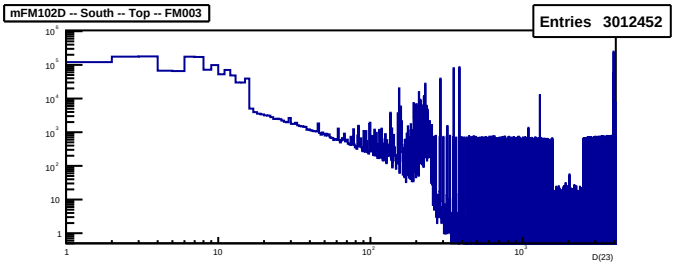
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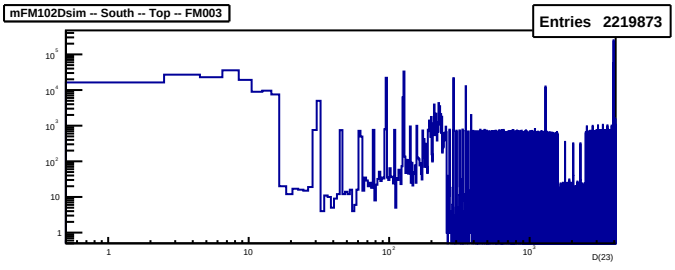
Entries 3012452
D(23)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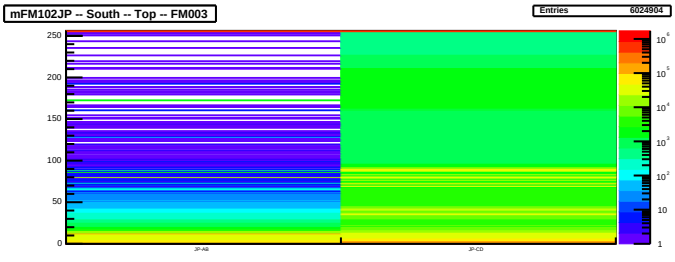
D(23)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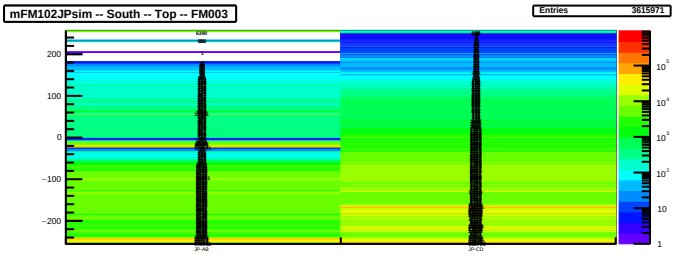
Entries 6024904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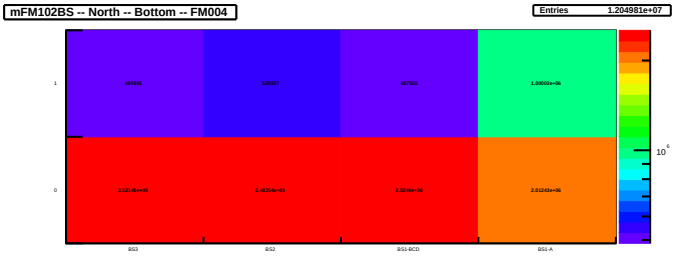
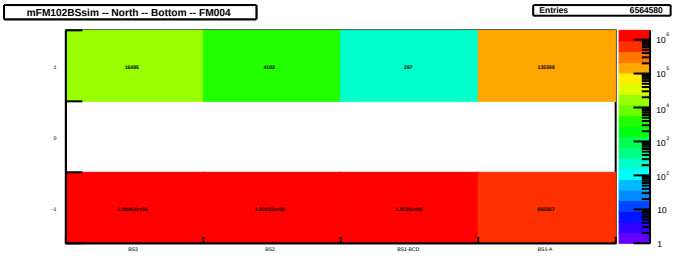

mFM102BS -- North -- Bottom -- FM004
Entries 1.204981e+07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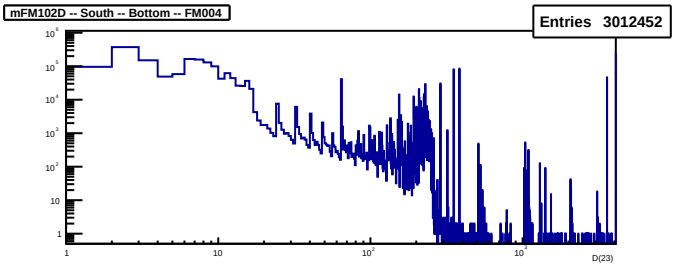
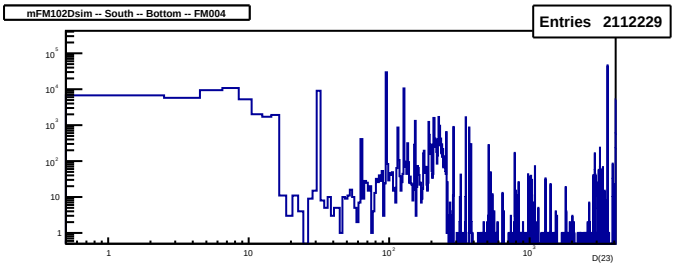

mFM102D -- South -- Bottom -- FM004
Entries 3012452
D(23)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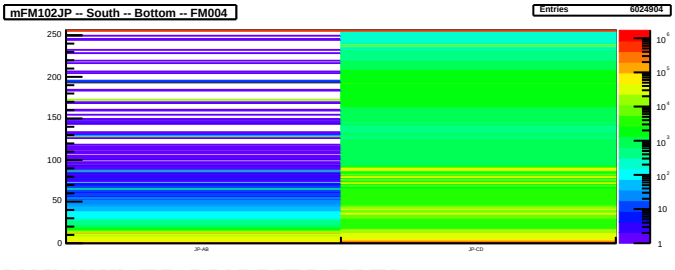
D(23)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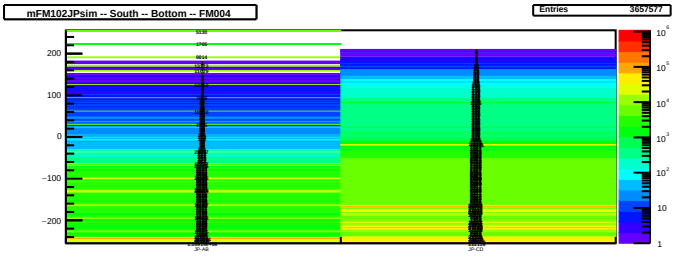
Entries 6024904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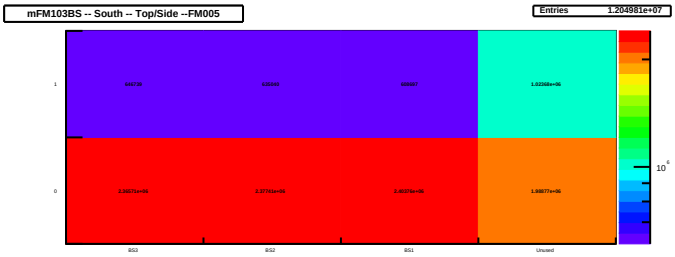
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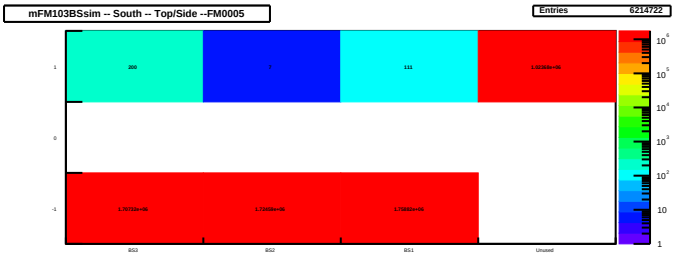
Entries 1.204981e+07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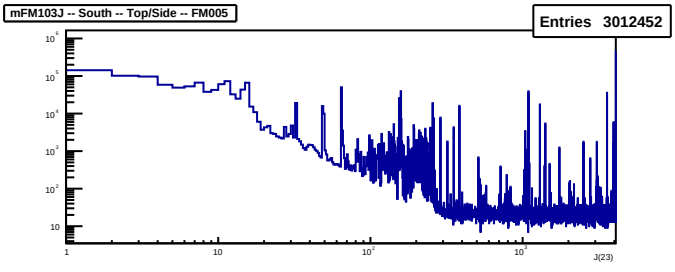
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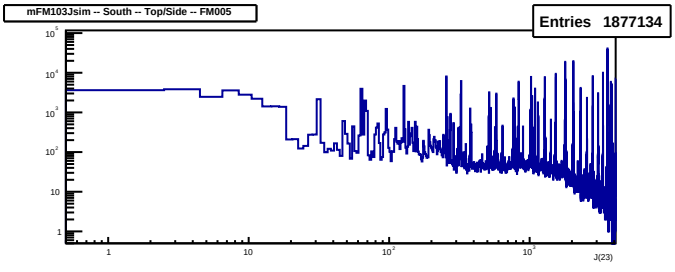
Entries 3012452
J(23)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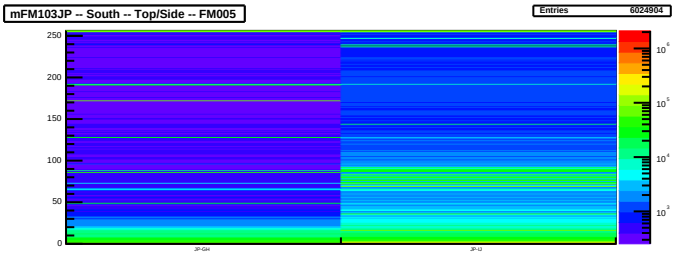
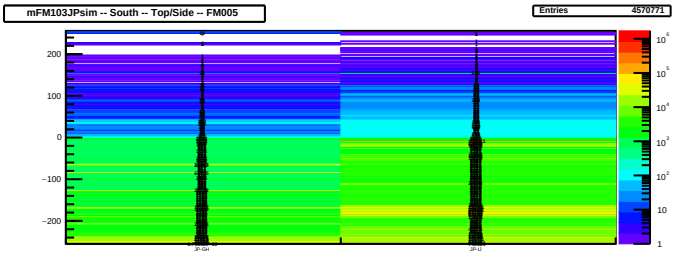
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 6024904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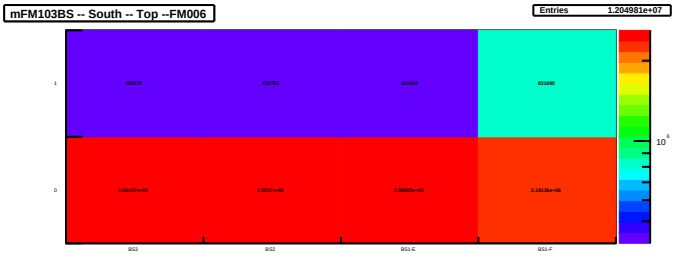
Entries 4570771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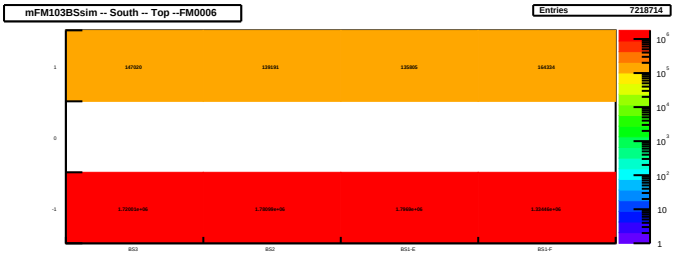
Entries 1.204981e+07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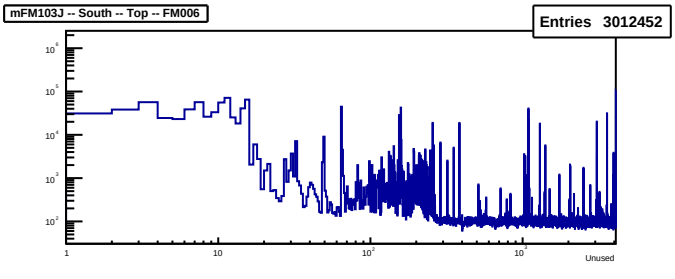
Entries 7218714


mFM103J -- South -- Top -- FM006
Entries 3012452
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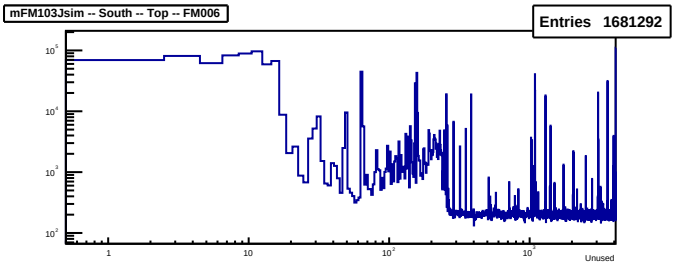
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Entries 1681292
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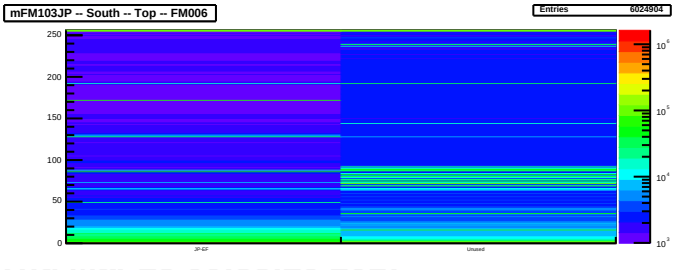
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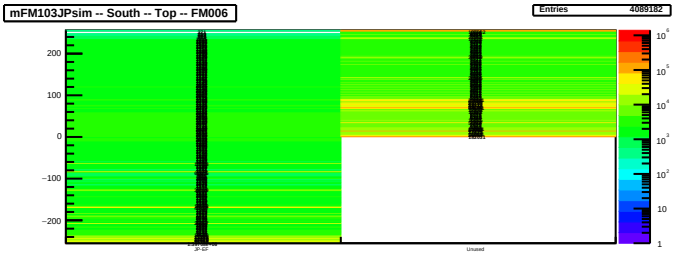
Entries 6024904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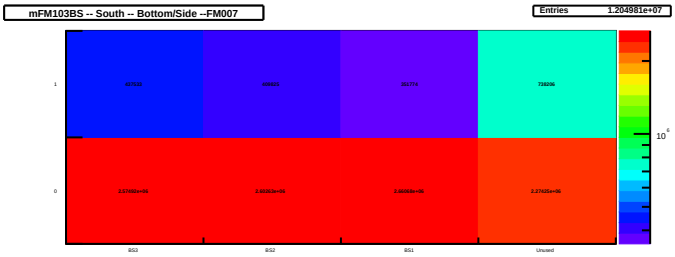
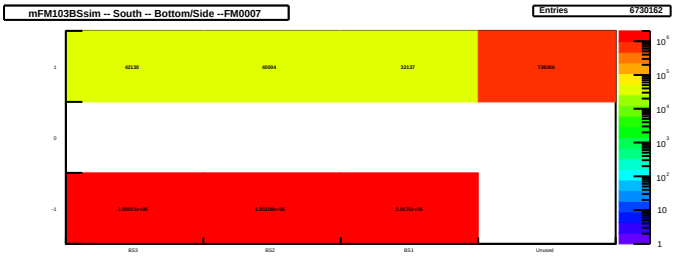

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.204981e+07
BS3
BS2
BS1
Unused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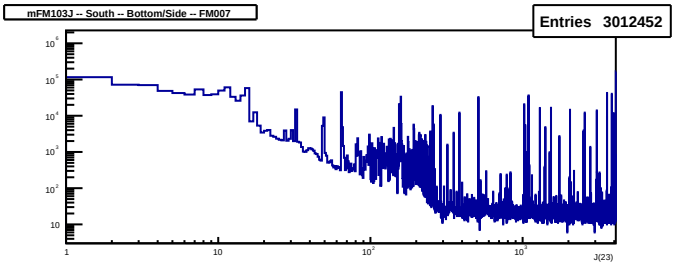
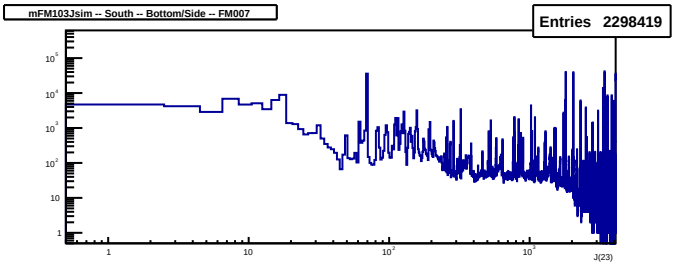
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 3012452
J(23)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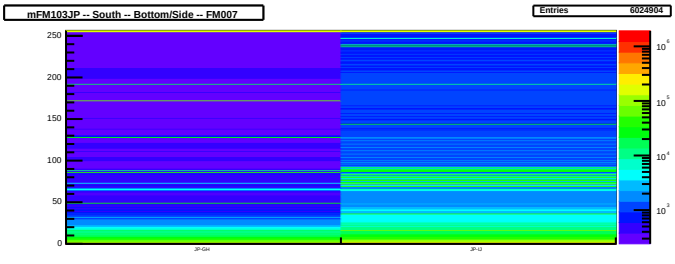
J(23)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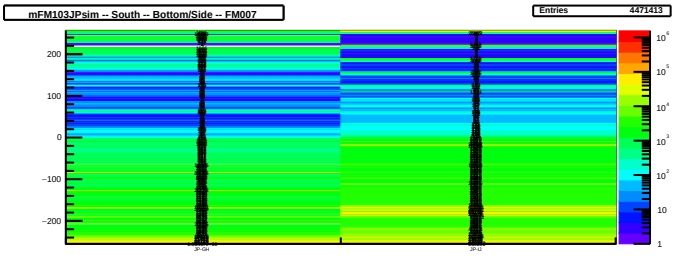
Entries 6024904
JP-GH
JP-IJ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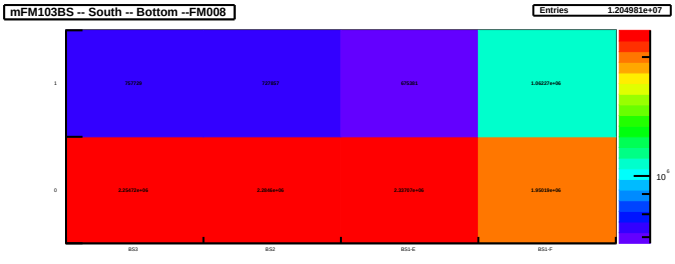
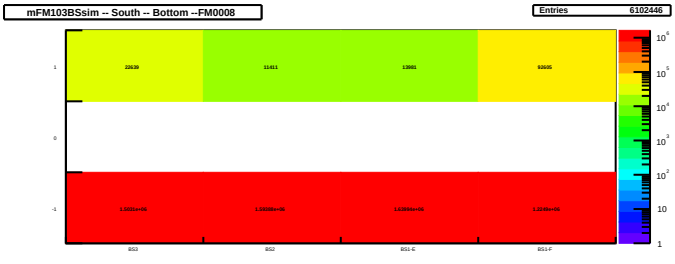
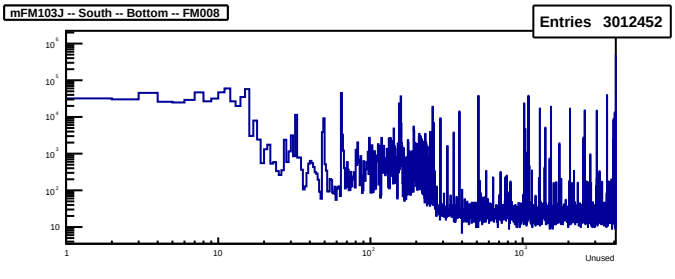
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 1.204981e+07
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 6102446
BS3
BS2
BS1-E
BS1-F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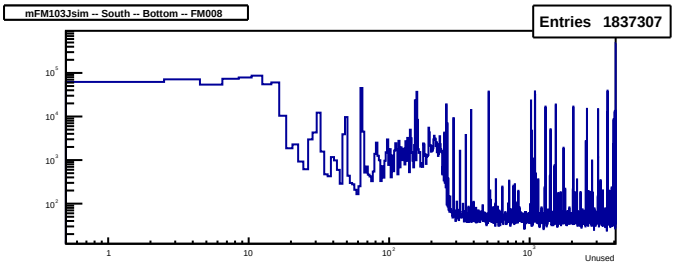
Entries 3012452
Unused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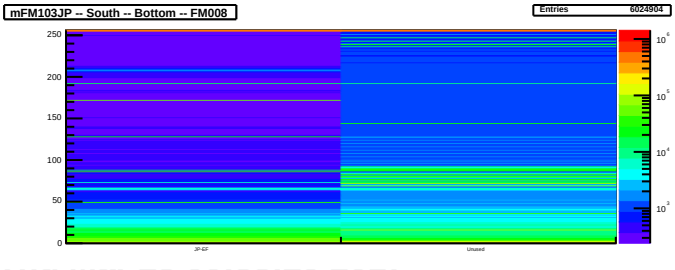
Unused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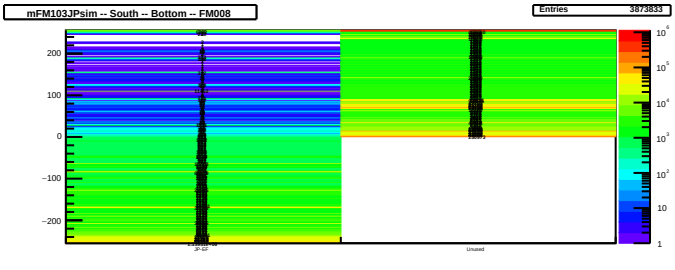
Entries 6024904
JP-EF
Unused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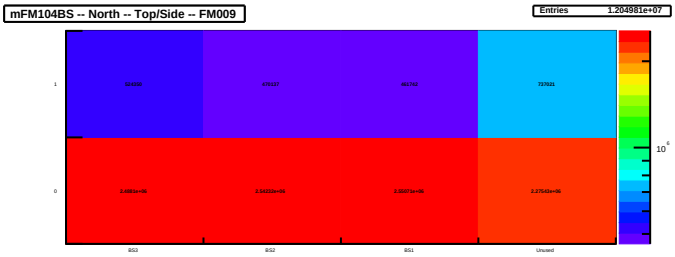
Entries 3873833
JP-EF
Unused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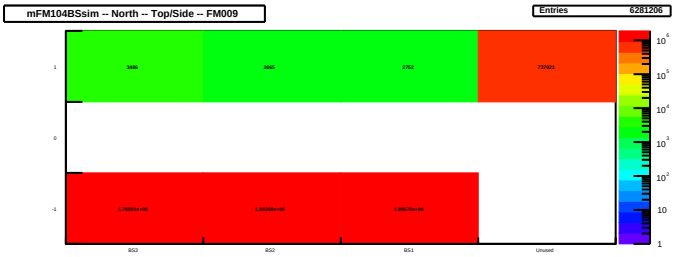
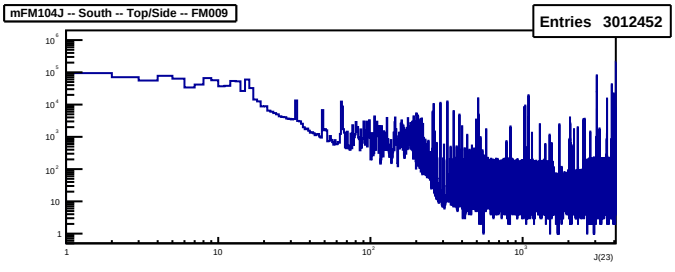
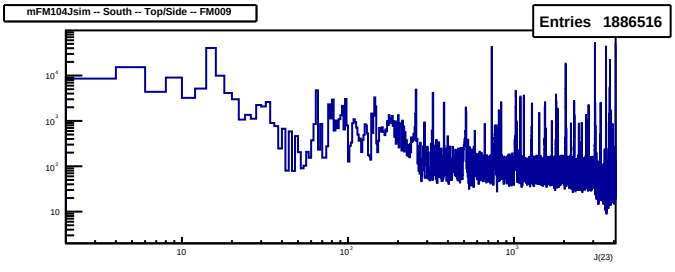
Entries 1.204981e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6281206


mFM104J -- South -- Top/Side -- FM009
Entries 3012452
J(23)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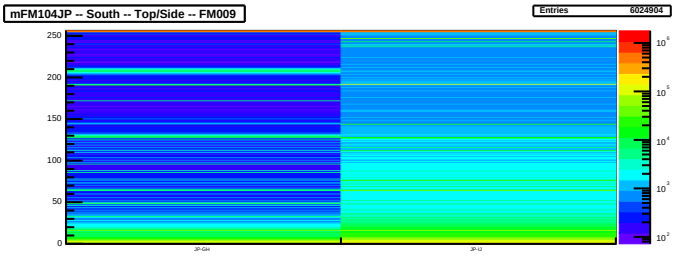
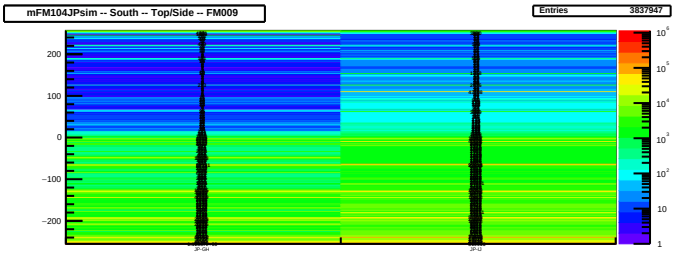
Entries 1886516
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 6024904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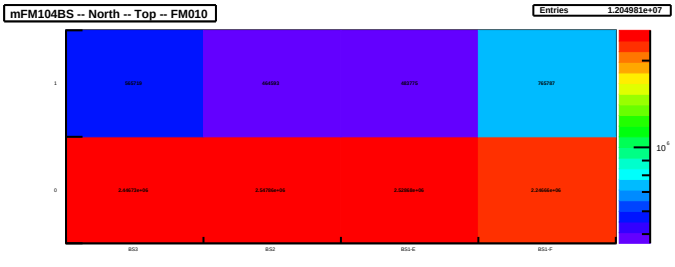
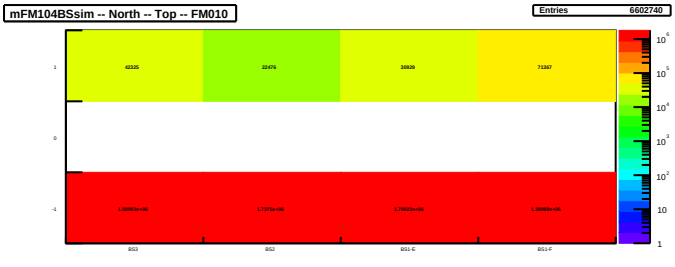
Entries 3837947


mFM104BS -- North -- Top -- FM010
Entries 1.204981e+07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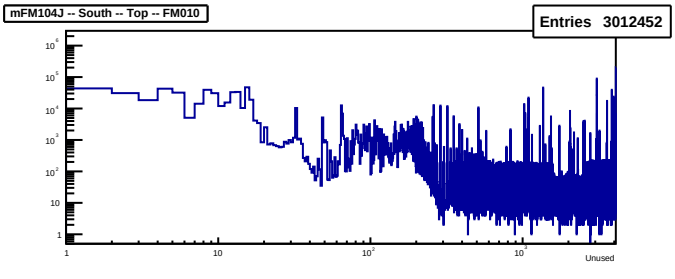
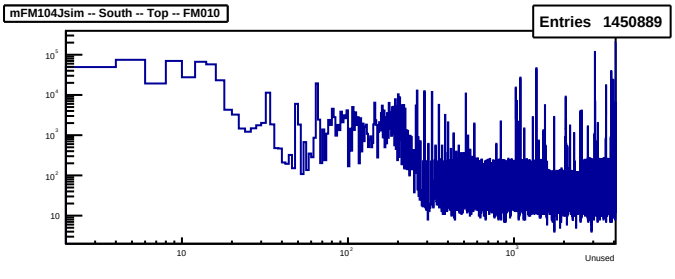
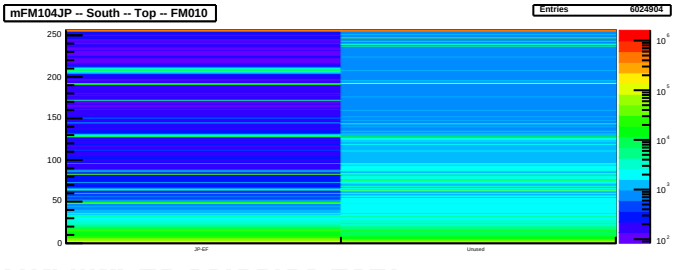
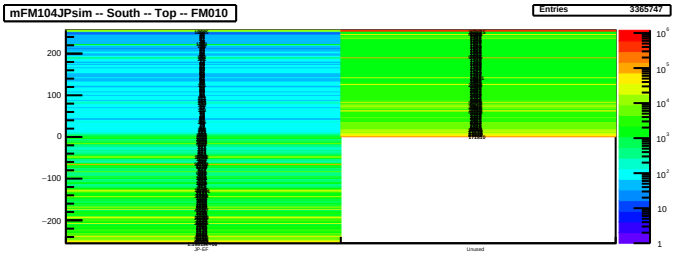
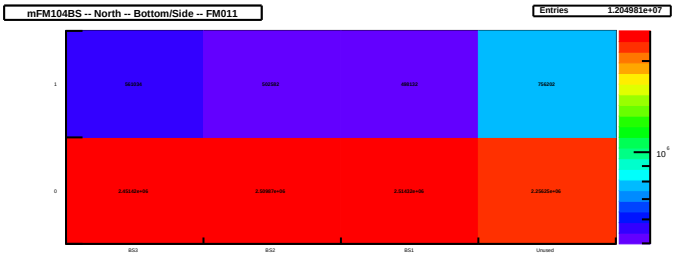
Entries 6602740

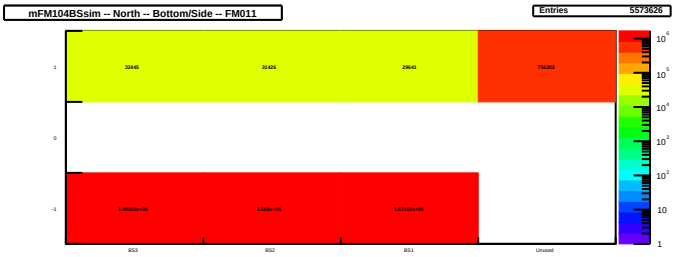

mFM104J -- South -- Top -- FM010
Entries 3012452
Unused

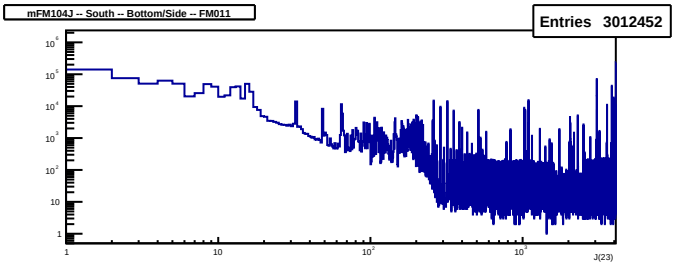

mFM104Jsim -- South -- Top -- FM010
Entries 1450889
Unused

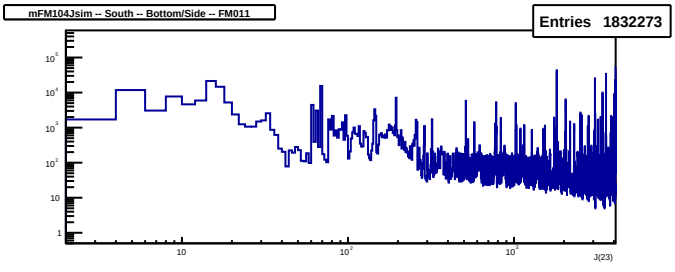

mFM104JP -- South -- Top -- FM010
Entries 6024904

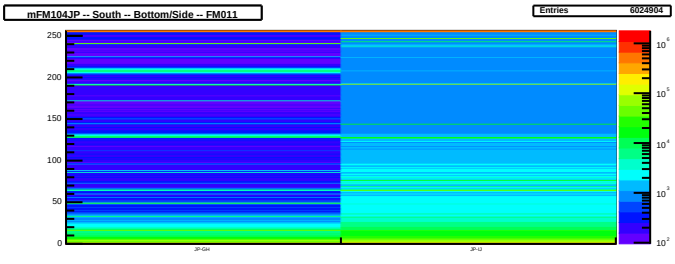

mFM104JPsim -- South -- Top -- FM010
Entries 3365747

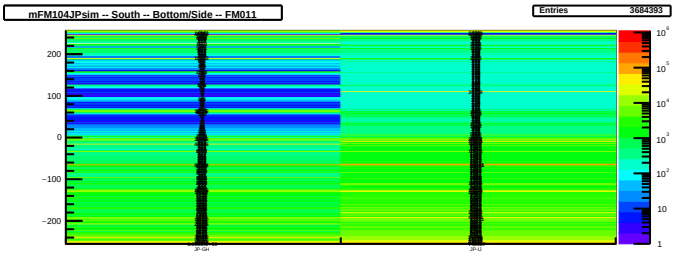

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.204981e+07

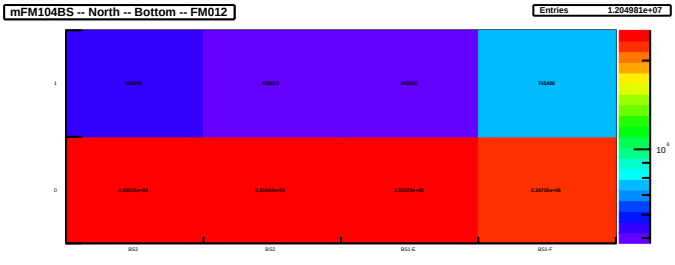

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5573626

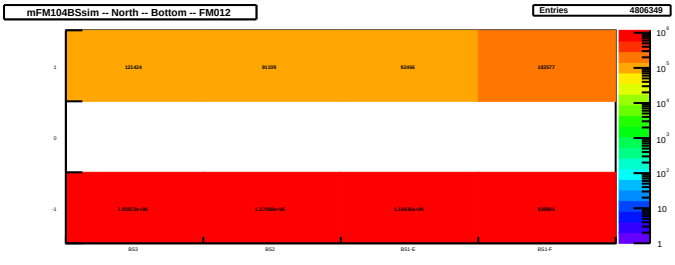

mFM104J -- South -- Bottom/Side -- FM011
Entries 3012452
J(23)

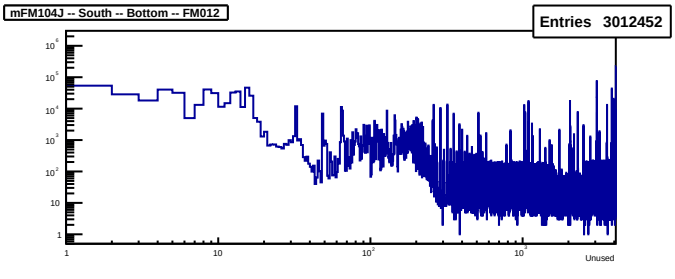

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1832273
J(23)

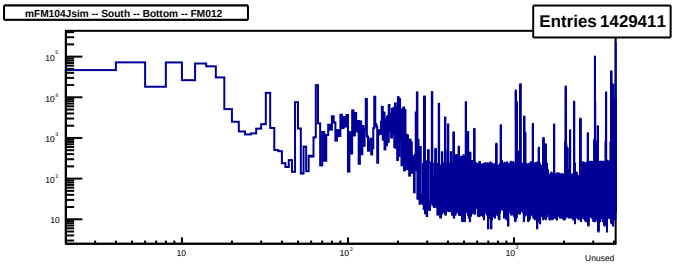

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6024904

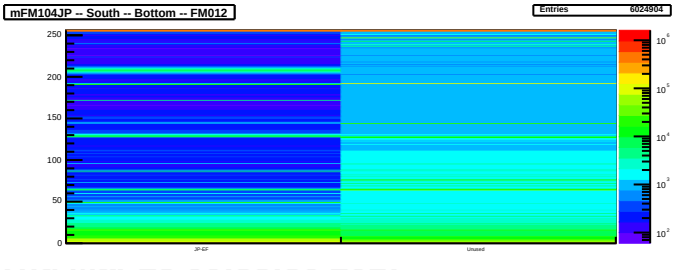

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3684393

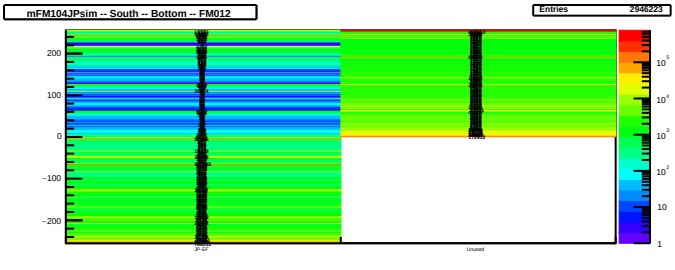

mFM104BS -- North -- Bottom -- FM012
Entries 1.204981e+07

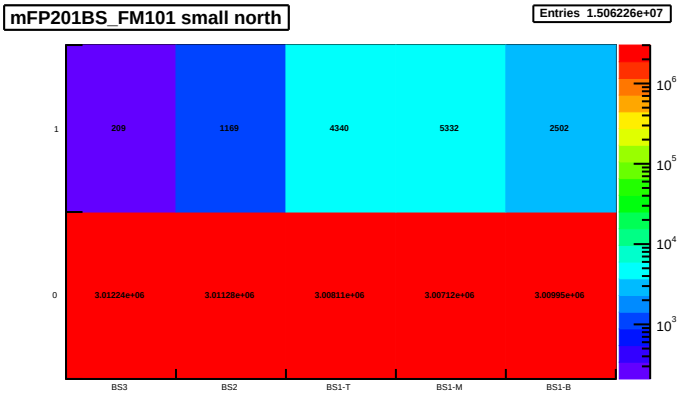

mFM104BSsim -- North -- Bottom -- FM012
Entries 4806349

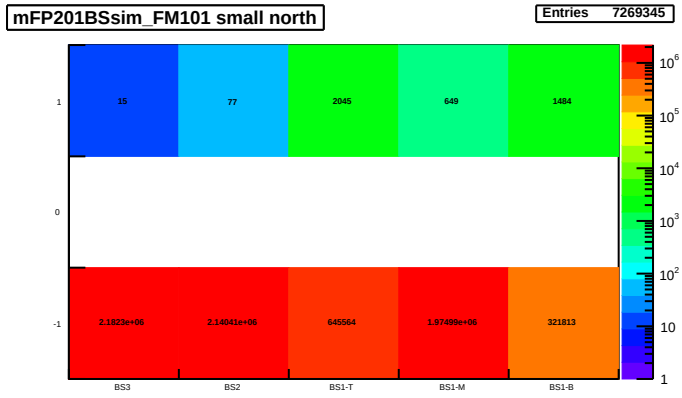

mFM104J -- South -- Bottom -- FM012
Entries 3012452
Unused

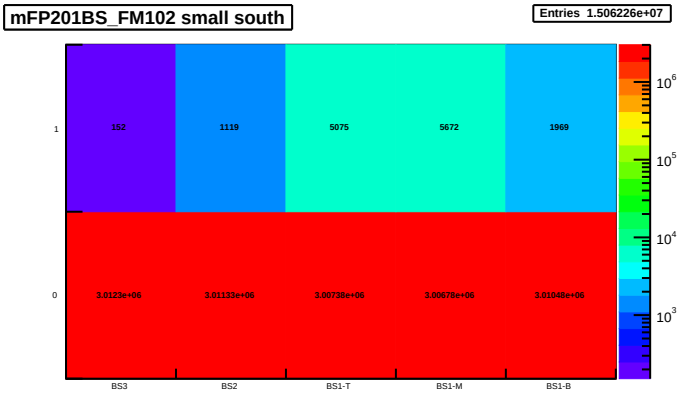

mFM104Jsim -- South -- Bottom -- FM012
Entries 1429411
Unused

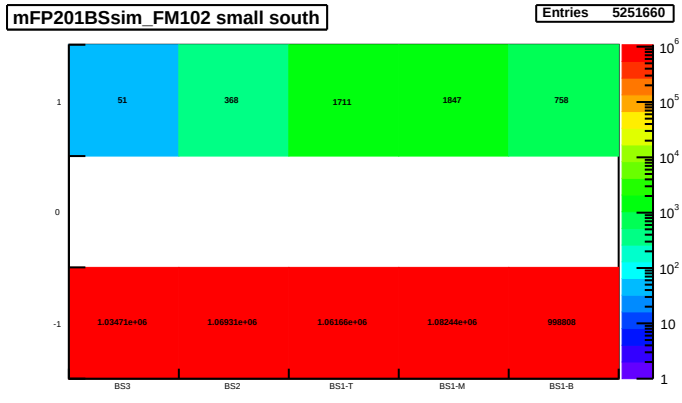

mFM104JP -- South -- Bottom -- FM012
Entries 6024904

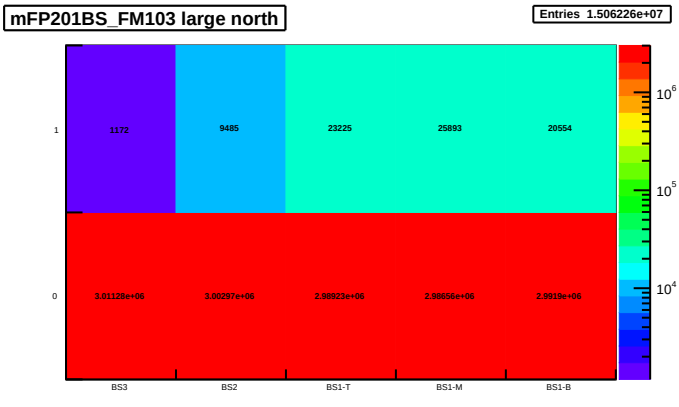

mFM104JPsim -- South -- Bottom -- FM012
Entries 2946223

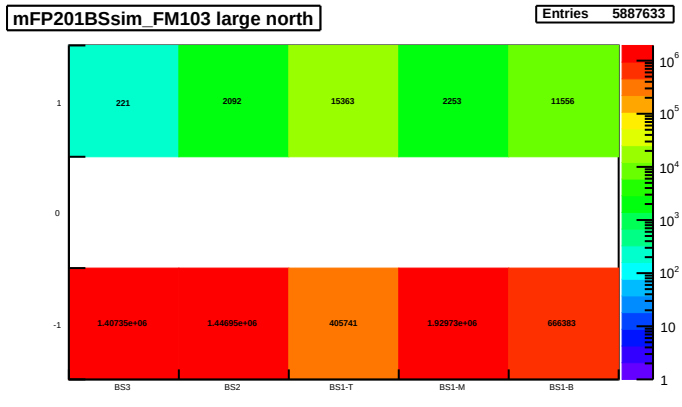

mFP201BS_FM101 small north
Entries 1.506226e+07
1
0
209
1169
4340
5332
2502
3.01224e+06
3.01128e+06
3.00811e+06
3.00712e+06
3.00995e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

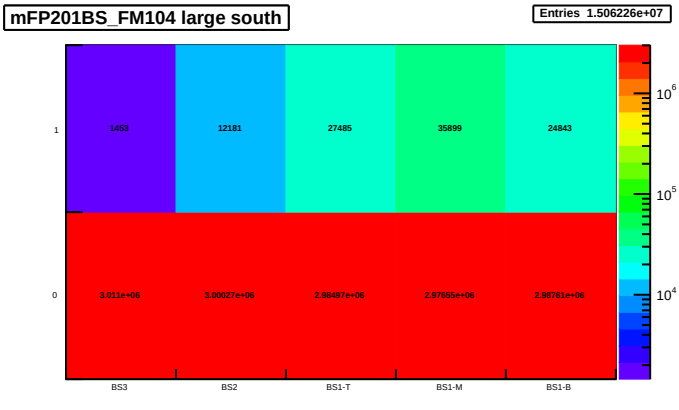

mFP201BSsim_FM101 small north
Entries 7269345
1
0
-1
15
77
2045
649
1484
2.1823e+06
2.14041e+06
645564
1.97499e+06
321813
BS3
BS2
BS1-T
BS1-M
BS1-B

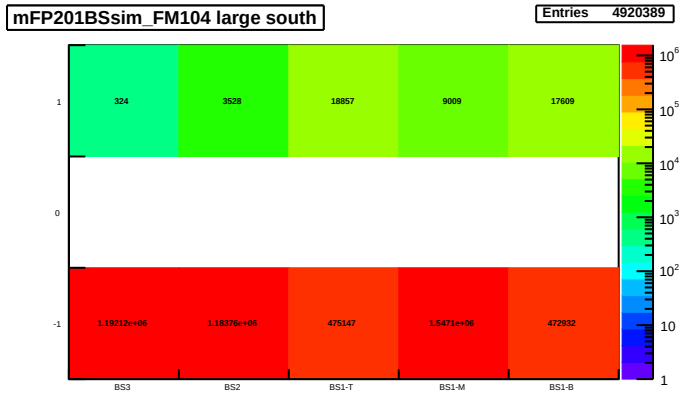

mFP201BS_FM102 small south
Entries 1.506226e+07
1
0
152
1119
5075
5672
1969
3.0123e+06
3.01133e+06
3.00738e+06
3.00678e+06
3.01048e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

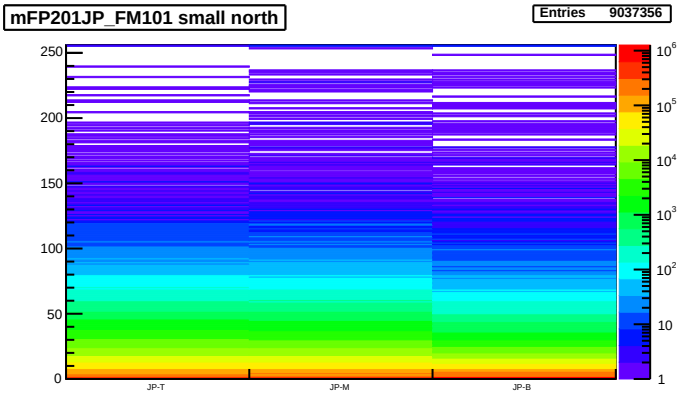

mFP201BSsim_FM102 small south
Entries 5251660
1
0
-1
51
368
1711
1847
758
1.03471e+06
1.06931e+06
1.06166e+06
1.08244e+06
998808
BS3
BS2
BS1-T
BS1-M
BS1-B

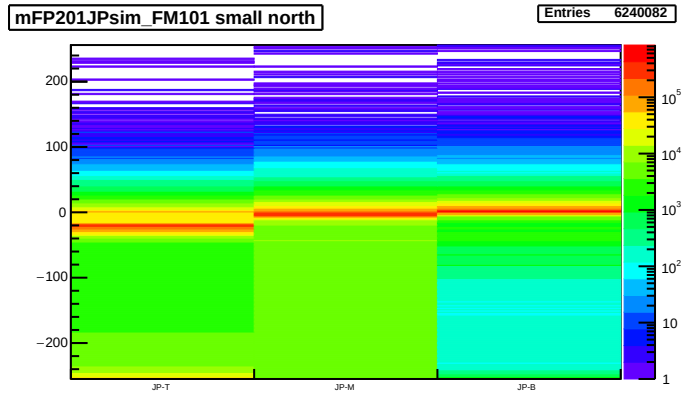

mFP201BS_FM103 large north
Entries 1.506226e+07
1
0
1172
9485
23225
25893
20554
3.01128e+06
3.00297e+06
2.98923e+06
2.98656e+06
2.9919e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

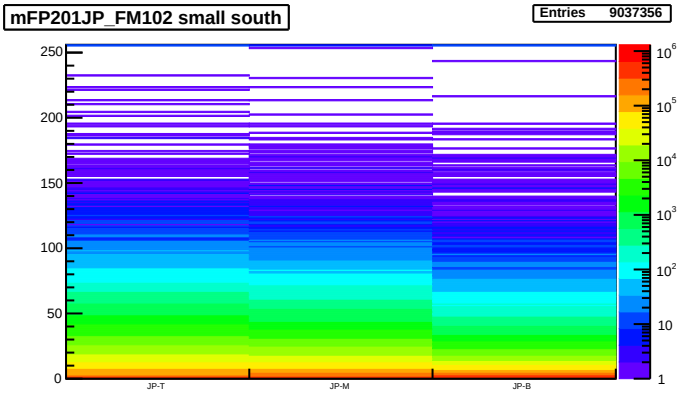

mFP201BSsim_FM103 large north
Entries 5887633
1
0
-1
221
2092
15363
2253
11556
1.40735e+06
1.44695e+06
405741
1.92973e+06
666383
BS3
BS2
BS1-T
BS1-M
BS1-B

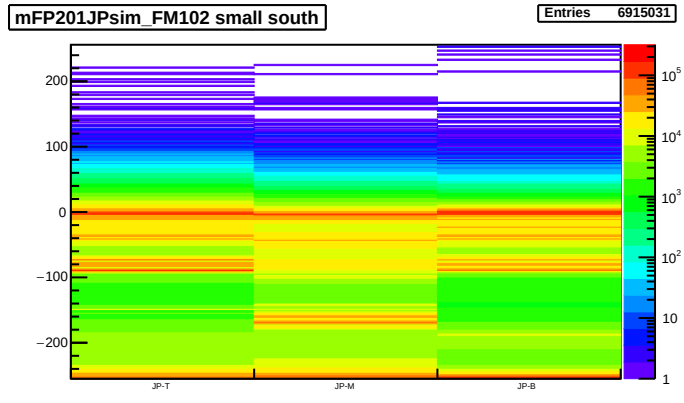

mFP201BS_FM104 large south
Entries 1.506226e+07
1
0
1453
12181
27485
35899
24843
3.011e+06
3.00027e+06
2.98497e+06
2.97655e+06
2.98761e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

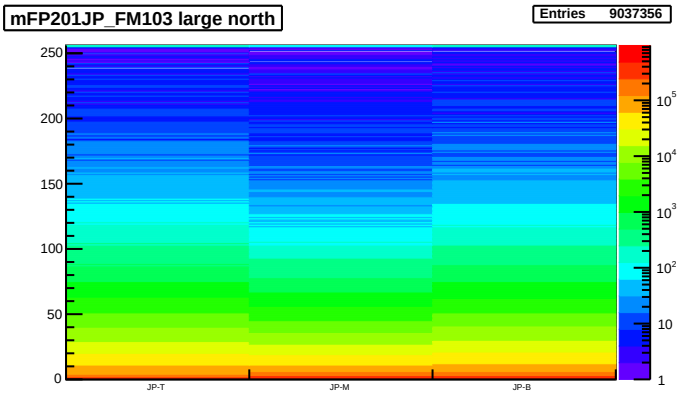

mFP201BSsim_FM104 large south
Entries 4920389
1
0
-1
324
3528
18857
9009
17609
1.19212e+06
1.18376e+06
475147
1.5471e+06
472932
BS3
BS2
BS1-T
BS1-M
BS1-B

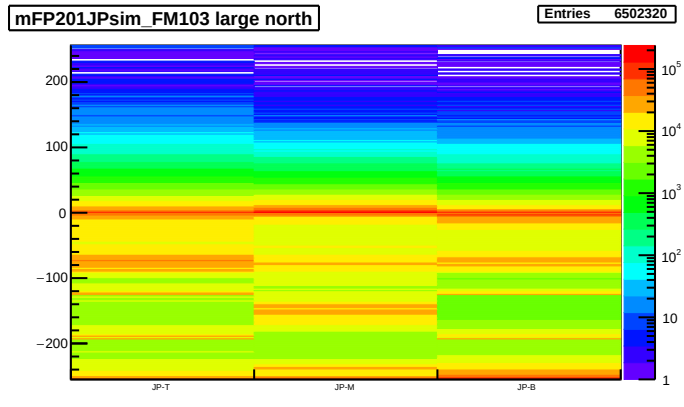

mFP201JP_FM101 small north
Entries 9037356
JP-T
JP-M
JP-B

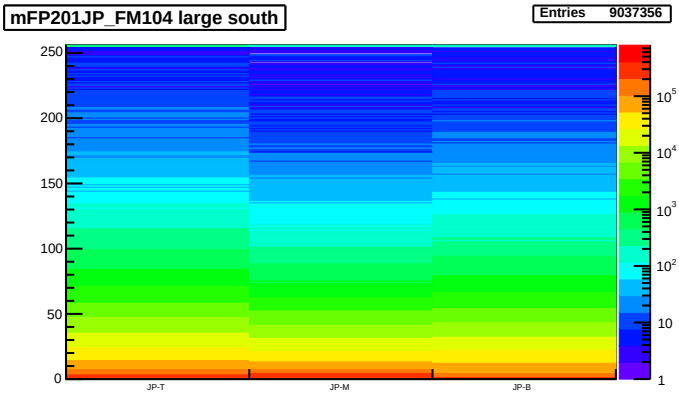

mFP201JPsim_FM101 small north
Entries 6240082
JP-T
JP-M
JP-B

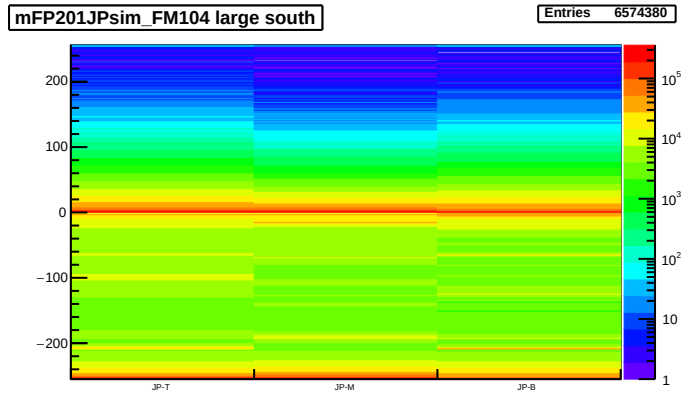

mFP201JP_FM102 small south
Entries 9037356
JP-T
JP-M
JP-B

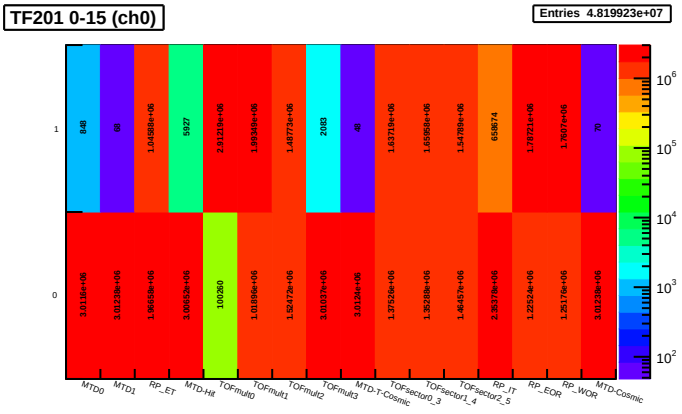

mFP201JPsim_FM102 small south
Entries 6915031
JP-T
JP-M
JP-B

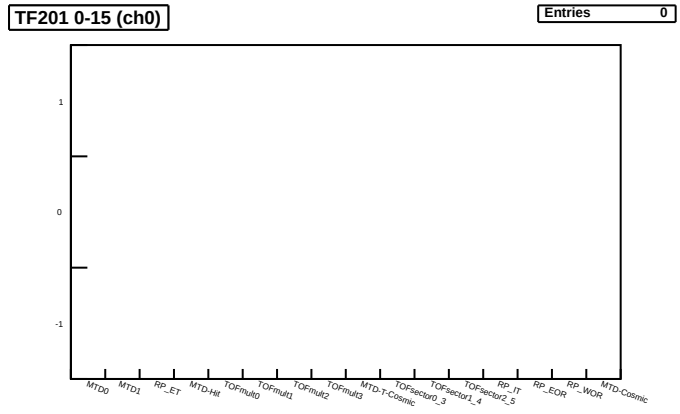

mFP201JP_FM103 large north
Entries 9037356
JP-T
JP-M
JP-B

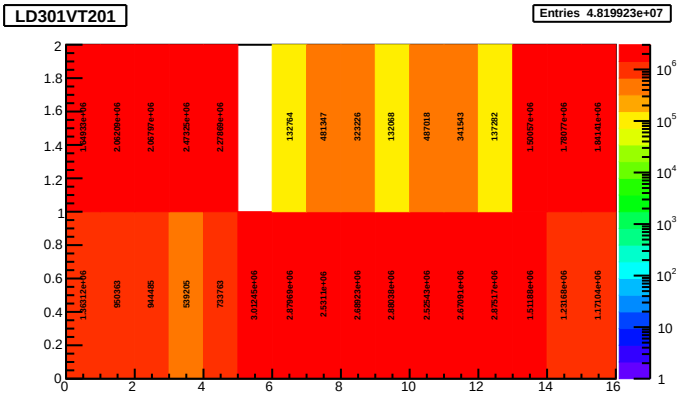

mFP201JPsim_FM103 large north
Entries 6502320
JP-T
JP-M
JP-B

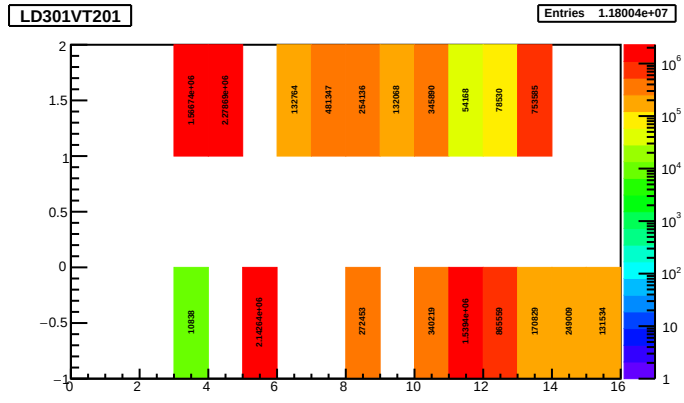

mFP201JP_FM104 large south
Entries 9037356
JP-T
JP-M
JP-B

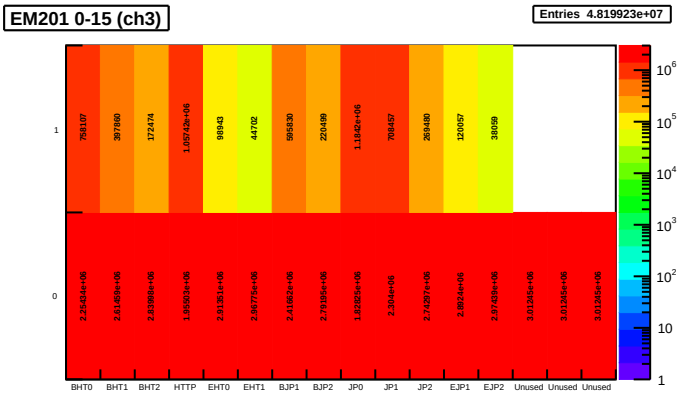

mFP201JPsim_FM104 large south
Entries 6574380
JP-T
JP-M
JP-B

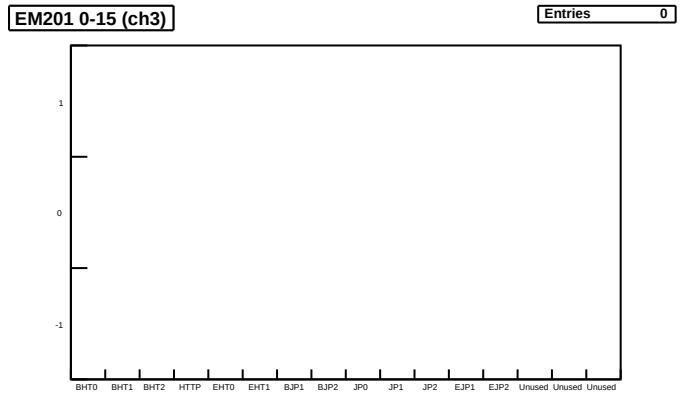

TF201 0-15 (ch0)
Entries 4.819923e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

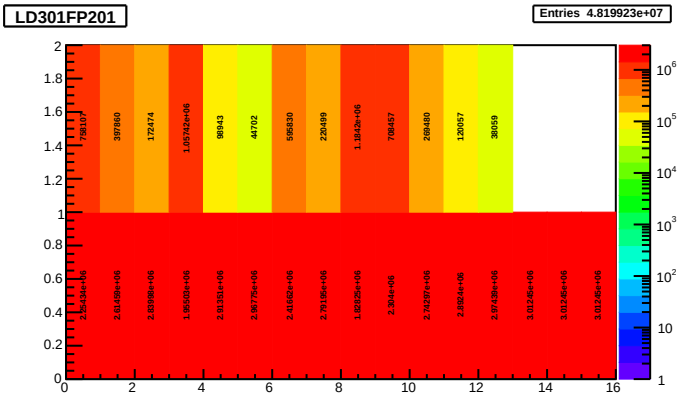

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

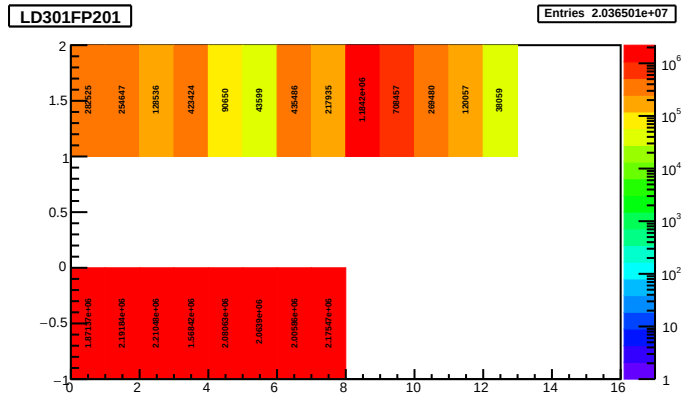

LD301VT201
Entries 4.819923e+07


LD301VT201
Entries 1.18004e+07


EM201 0-15 (ch3)
Entries 4.819923e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 4.819923e+07


LD301FP201
Entries 2.036501e+07