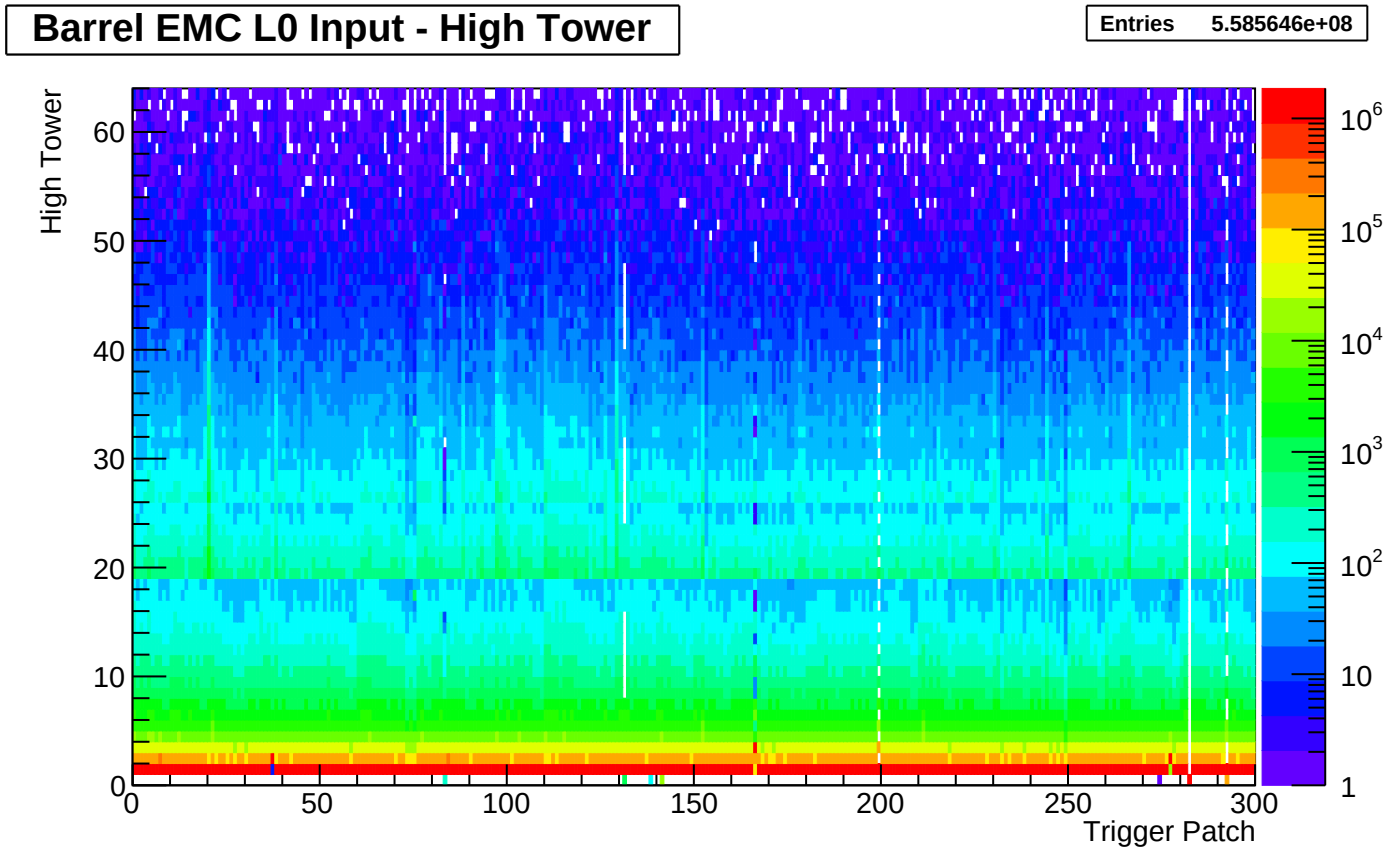
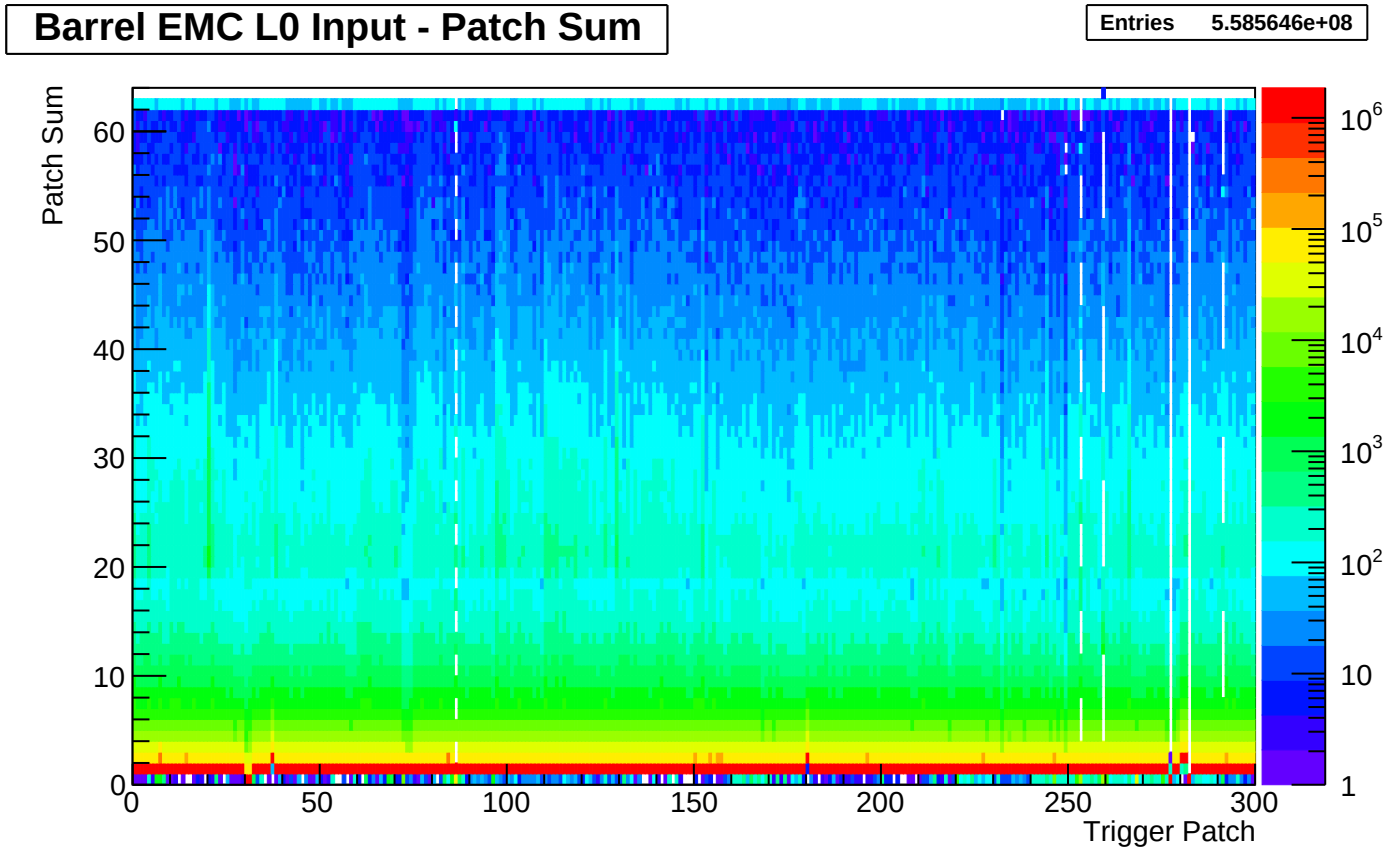
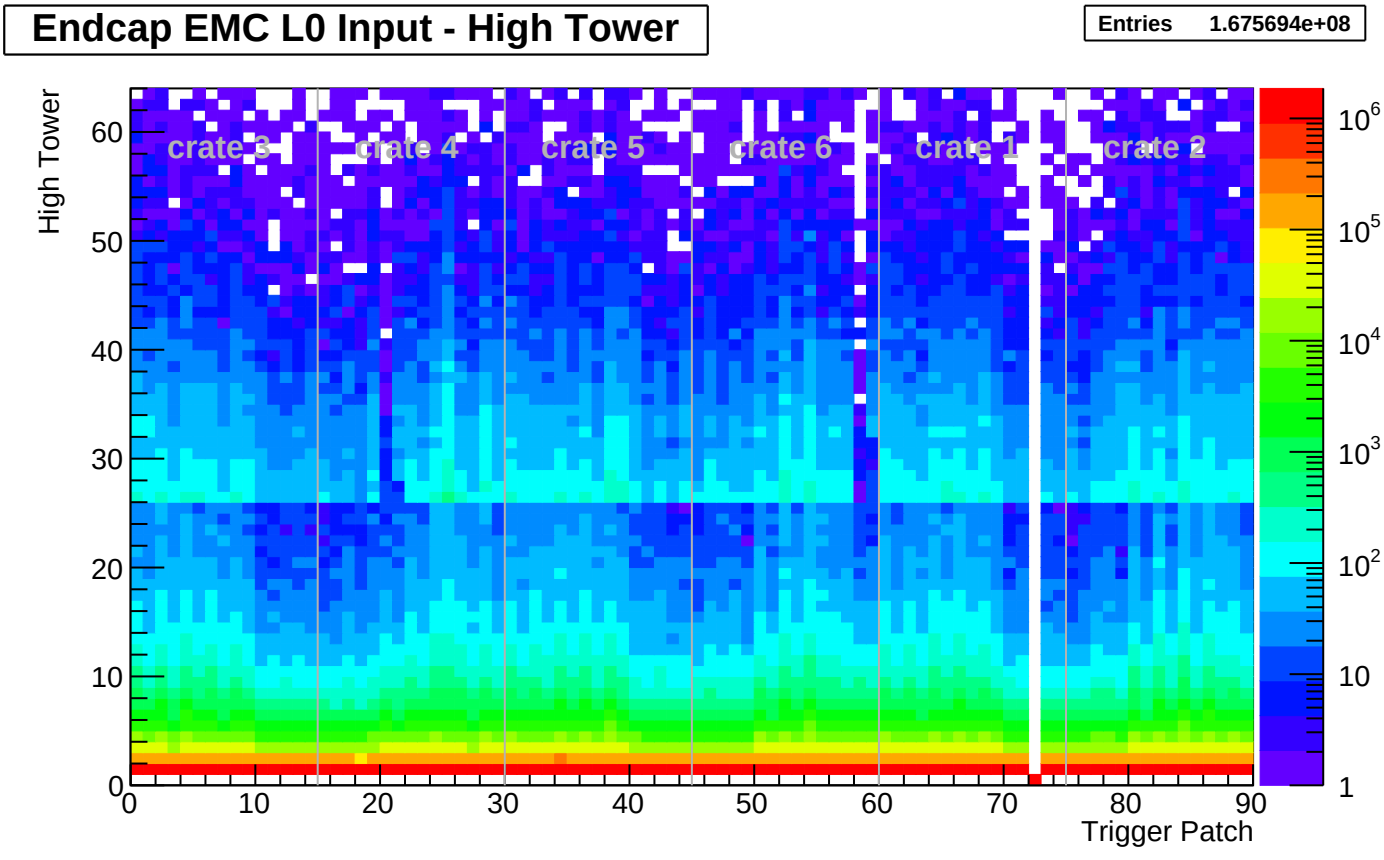
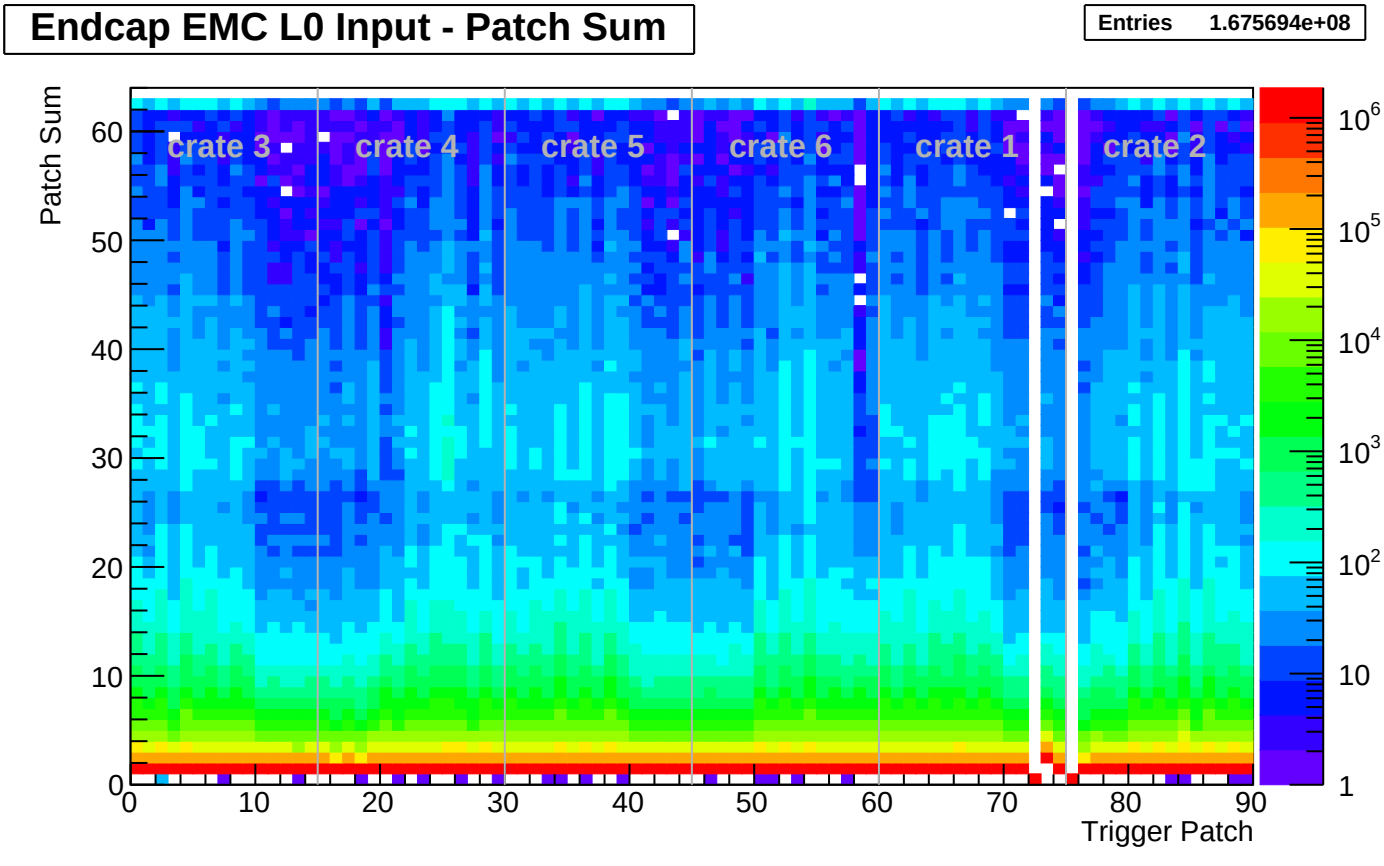
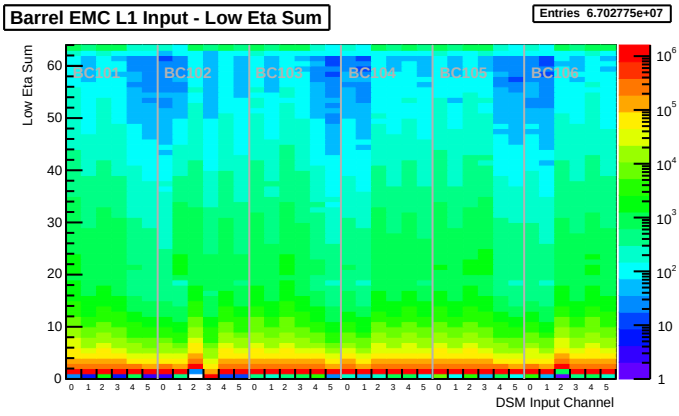
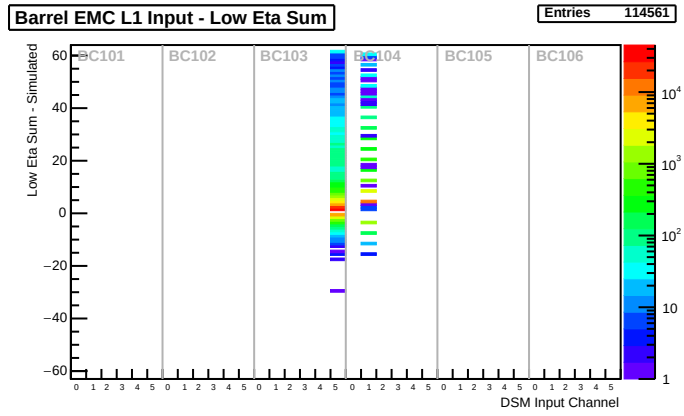

Barrel EMC L0 Input - High Tower
Entries 5.585646e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

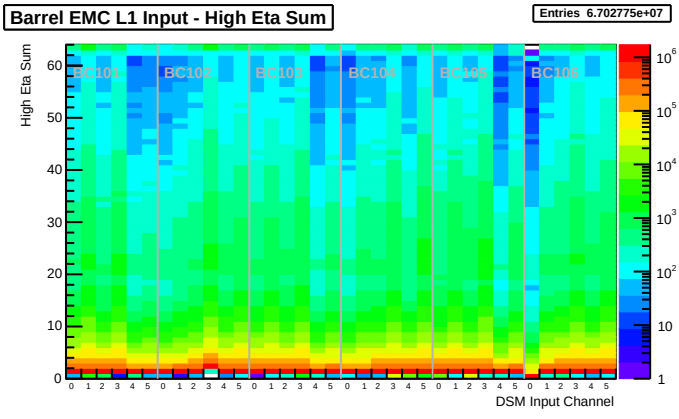

Barrel EMC L0 Input - Patch Sum
Entries 5.585646e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

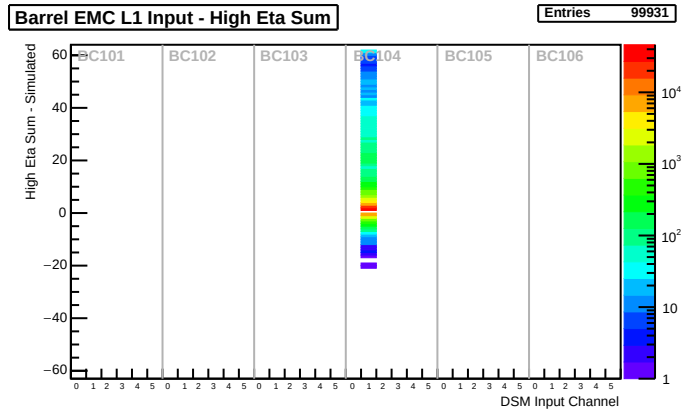

Endcap EMC L0 Input - High Tower
Entries 1.675694e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

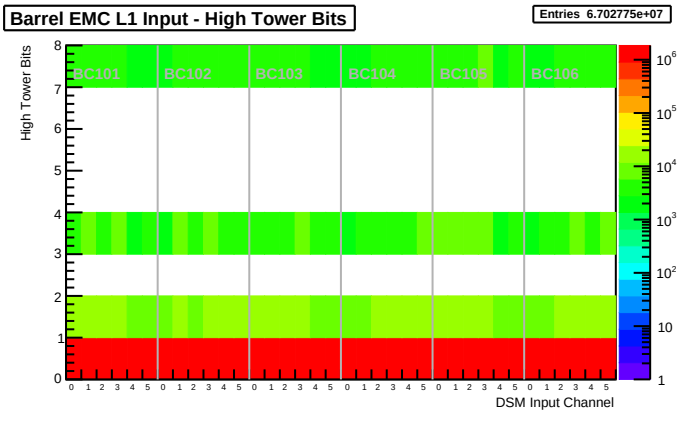

Endcap EMC L0 Input - Patch Sum
Entries 1.675694e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

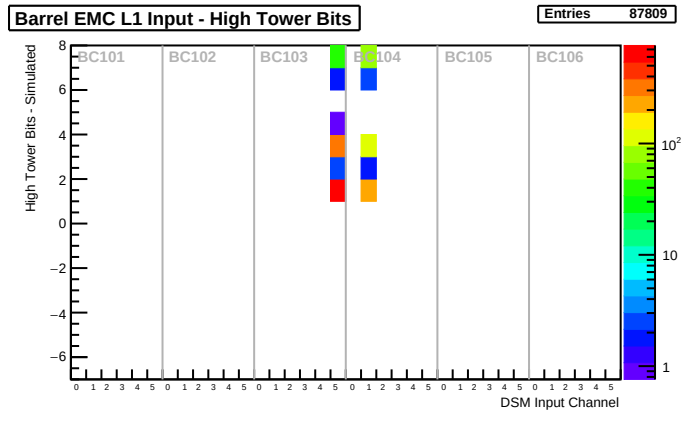

Barrel EMC L1 Input - Low Eta Sum
Entries 6.702775e+07
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

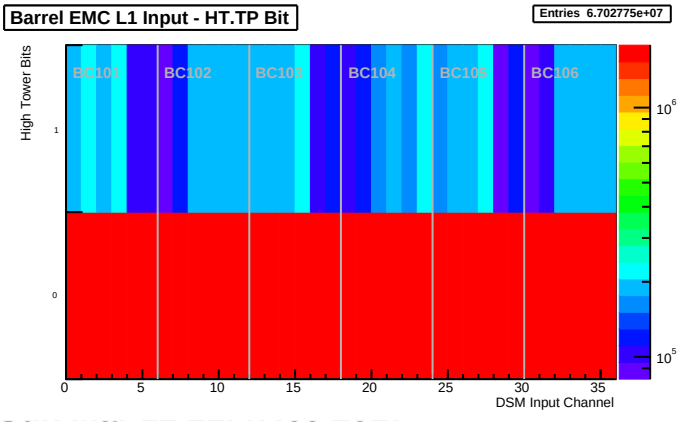

Barrel EMC L1 Input - Low Eta Sum
Entries 114561
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

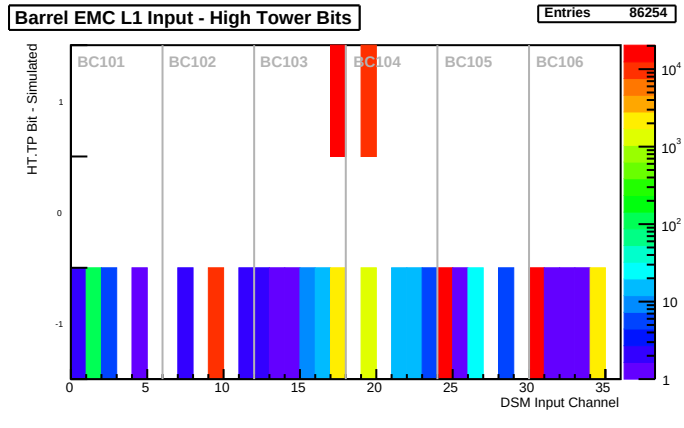

Barrel EMC L1 Input - High Eta Sum
Entries 6.702775e+07
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

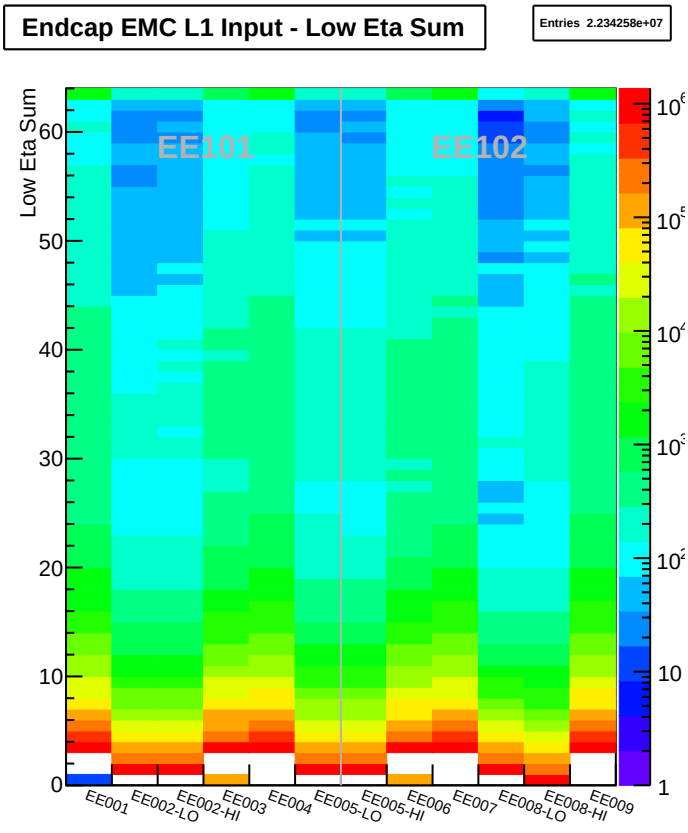

Barrel EMC L1 Input - High Eta Sum
Entries 99931
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

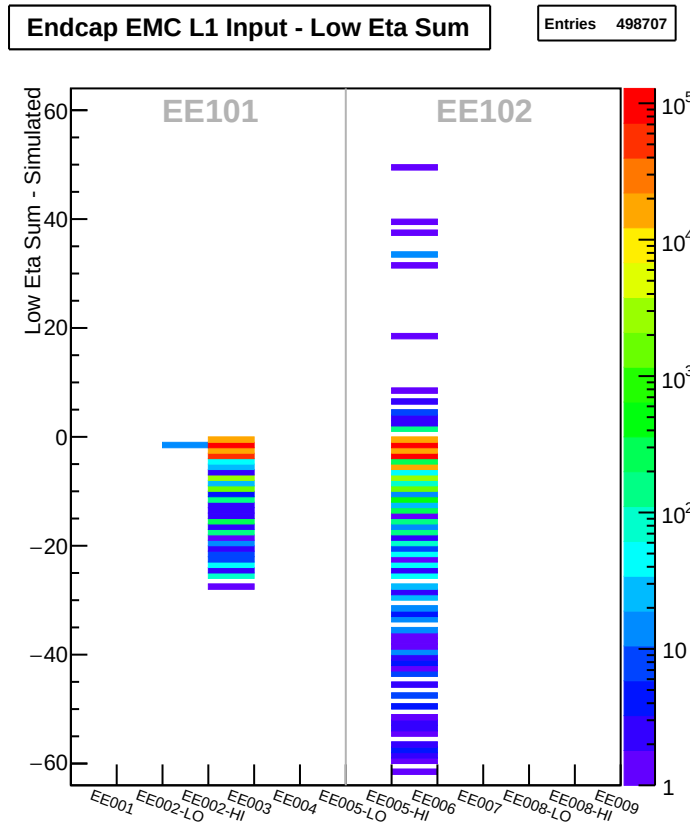

Barrel EMC L1 Input - High Tower Bits
Entries 6.702775e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

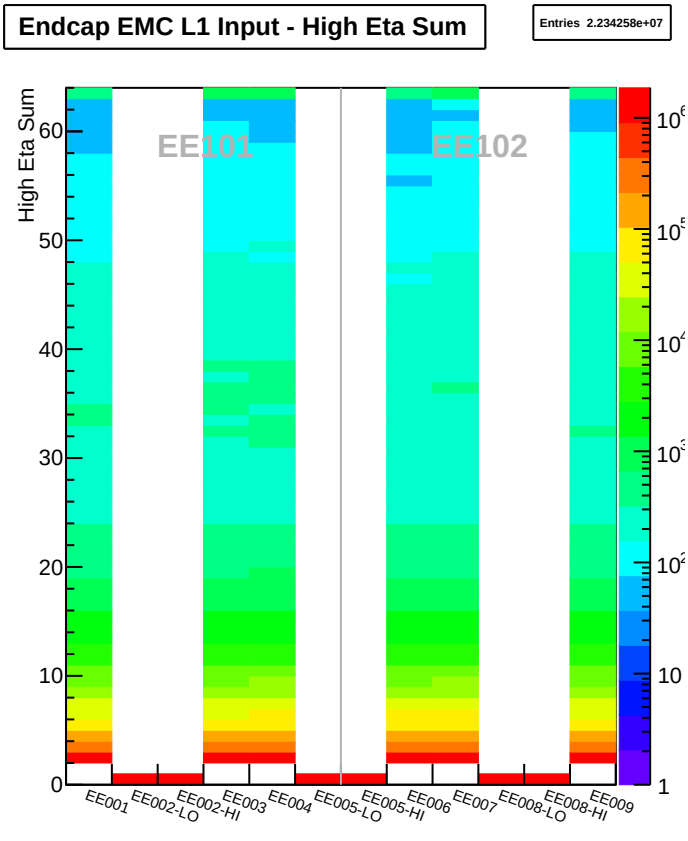

Barrel EMC L1 Input - High Tower Bits
Entries 87809
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

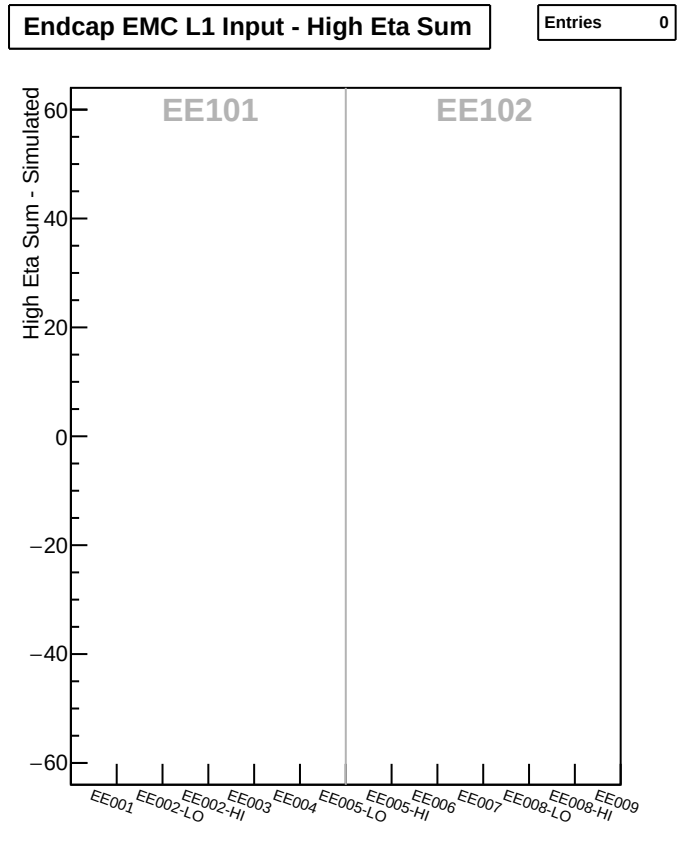

Barrel EMC L1 Input - HT.TP Bit
Entries 6.702775e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


Barrel EMC L1 Input - High Tower Bits
Entries 86254
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


Endcap EMC L1 Input - Low Eta Sum
Entries 2.234258e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

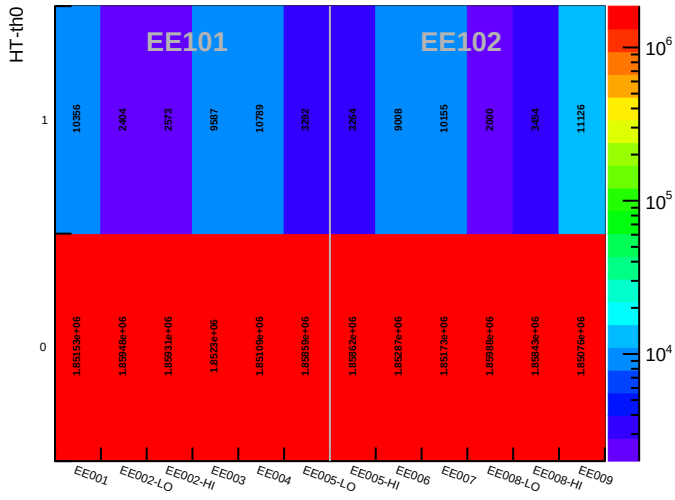

Endcap EMC L1 Input - Low Eta Sum
Entries 498707
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 2.234258e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

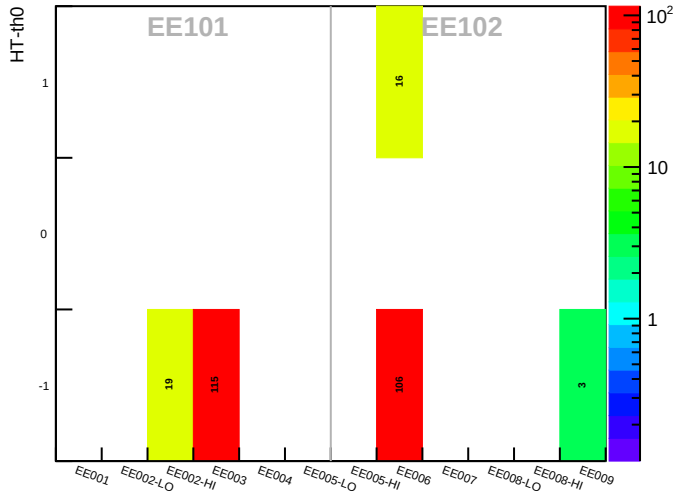
Endcap EMC L1 Input - HT-th0

Entries 2.234258e+07



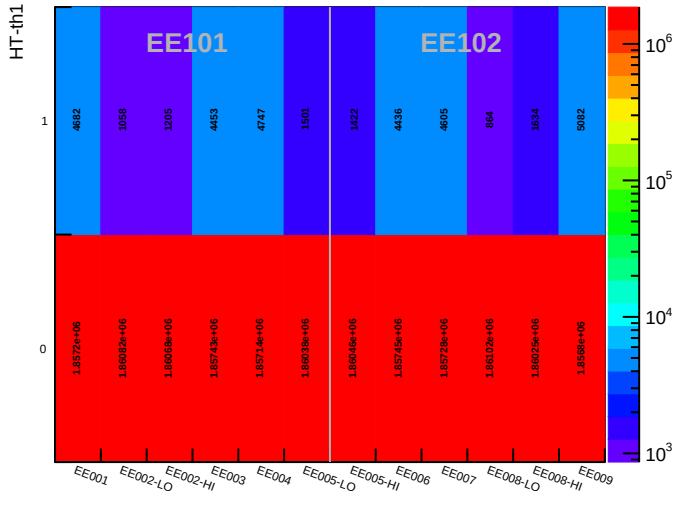
Endcap EMC L1 Input - HT-th0 Diff

Entries 259



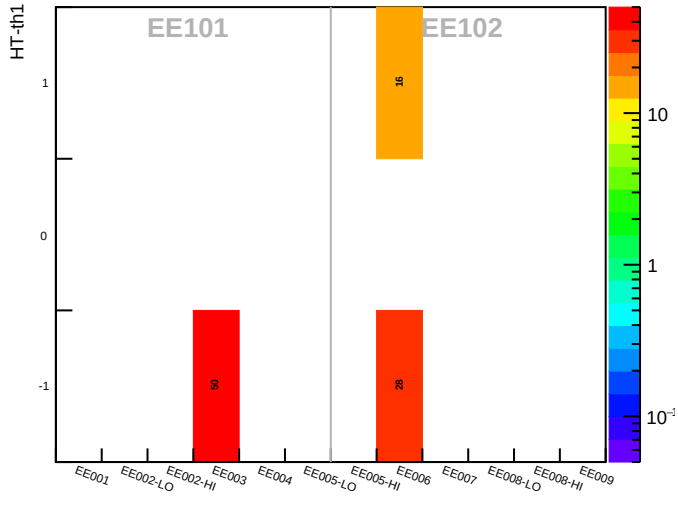
Endcap EMC L1 Input - HT-th1

Entries 2.234258e+07



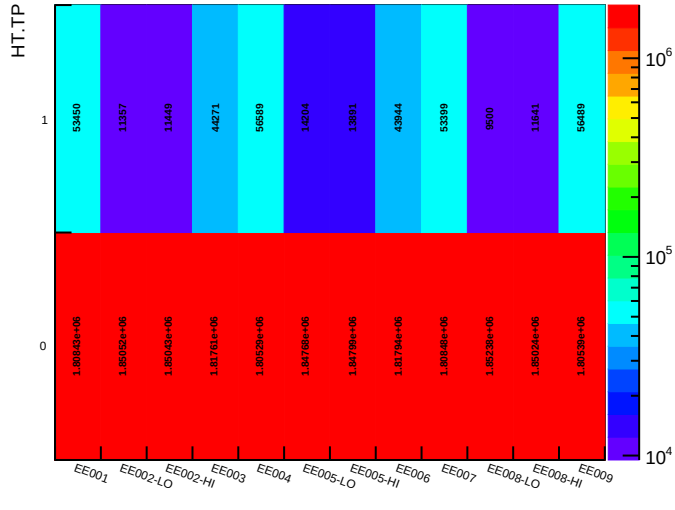
Endcap EMC L1 Input - HT-th1 Diff

Entries 94



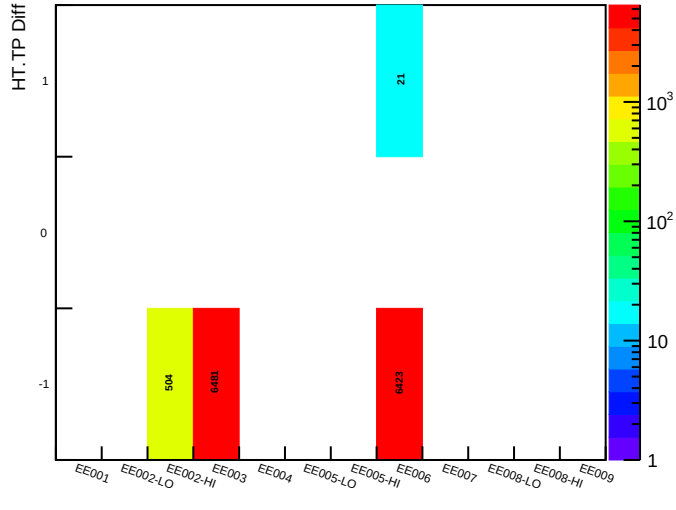
Endcap EMC L1 Input - HT.TP

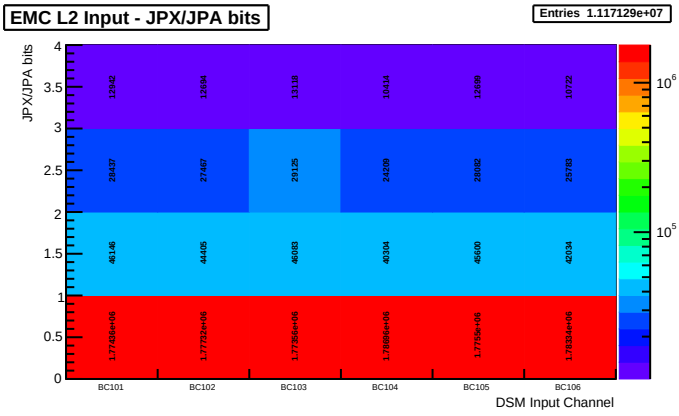
Entries 2.234258e+07

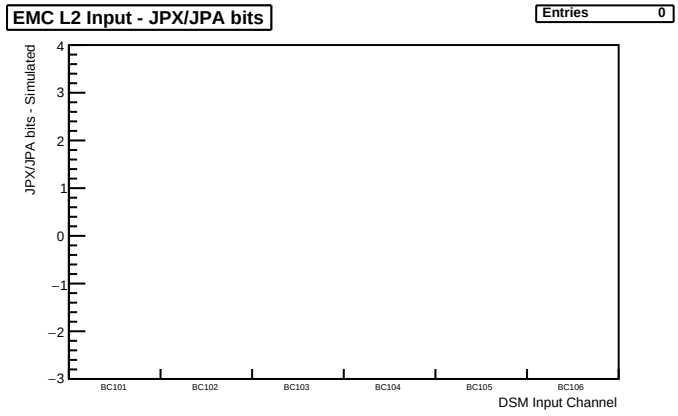


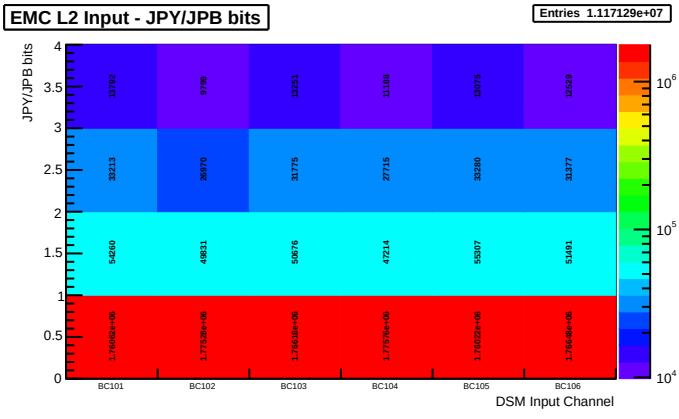
Endcap EMC L1 Input - HT.TP Diff

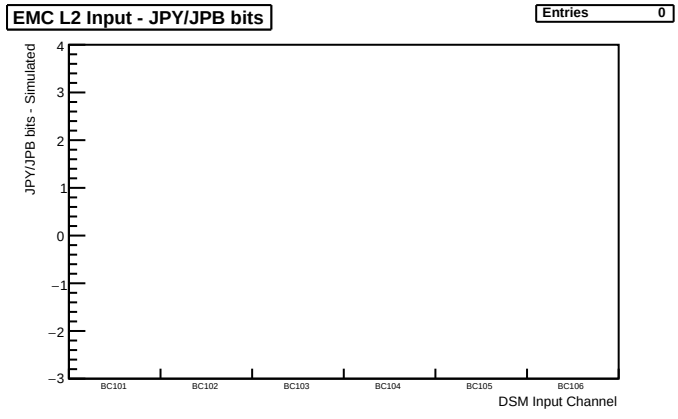
Entries 13429

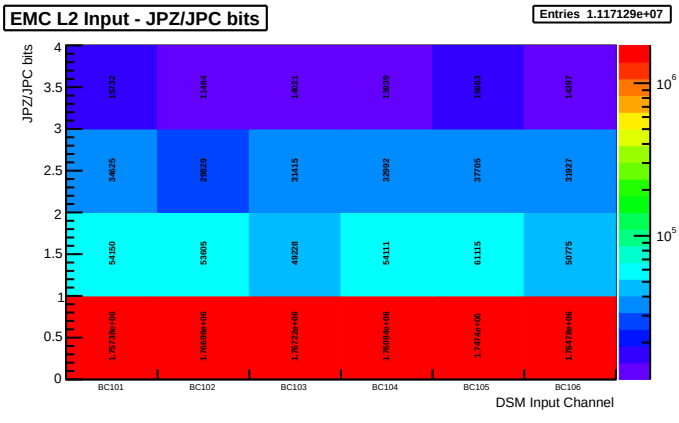


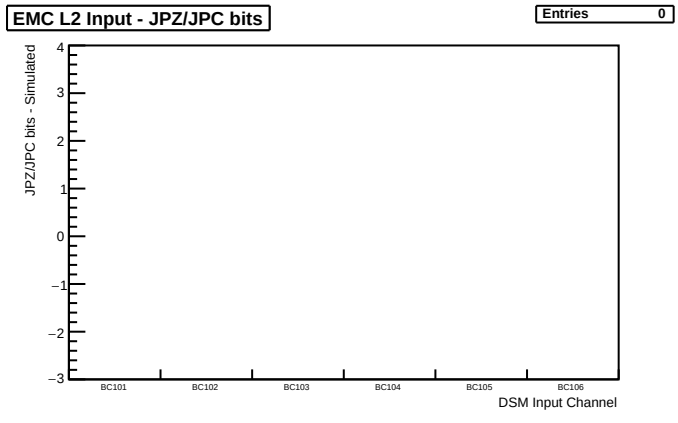

EMC L2 Input - JPX/JPA bits
Entries 1.117129e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12942
12694
13118
10414
12639
10722
28437
27467
29125
24209
28082
25783
46146
44405
46083
40304
45600
42034
1.74434e+06
1.77732e+06
1.77354e+06
1.78886e+06
1.77559e+06
1.78334e+06

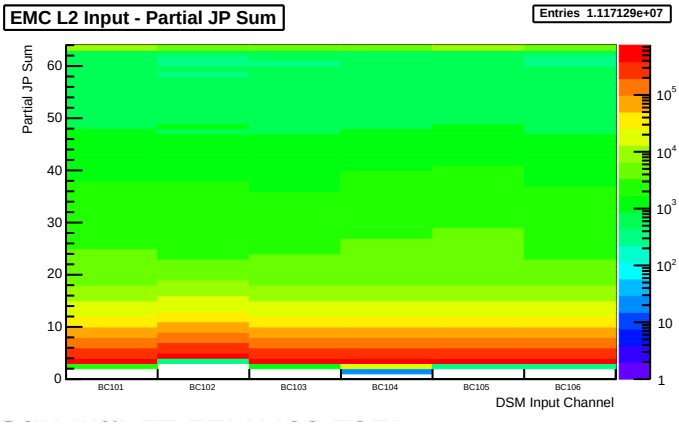

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

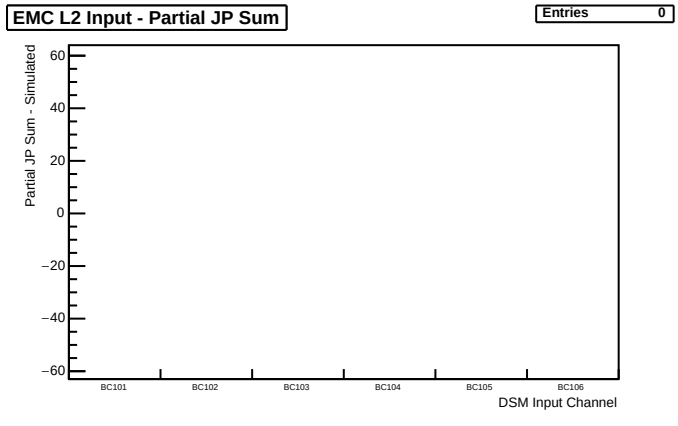

EMC L2 Input - JPY/JPB bits
Entries 1.117129e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13792
9799
13251
11188
13075
12529
33213
26970
31775
27715
33280
31377
54260
49831
50676
47214
53307
51491
1.76062e+06
1.77528e+06
1.76618e+06
1.77576e+06
1.76022e+06
1.76648e+06

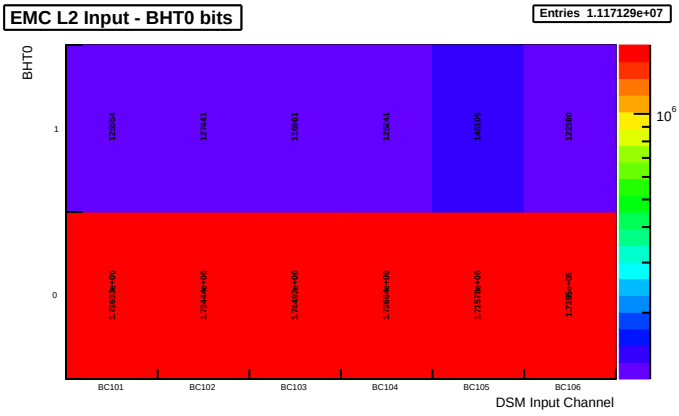

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

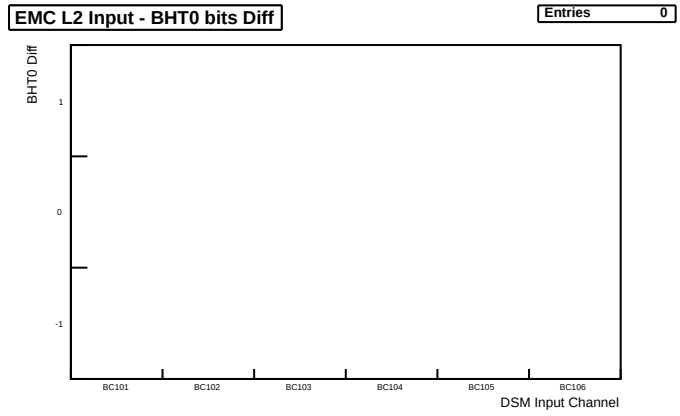

EMC L2 Input - JPZ/JPC bits
Entries 1.117129e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15132
11464
14021
13839
15663
14097
34625
29829
31415
32992
37705
31927
54150
53605
49228
54111
61115
50775
1.75738e+06
1.76698e+06
1.76728e+06
1.76084e+06
1.7474e+06
1.75478e+06

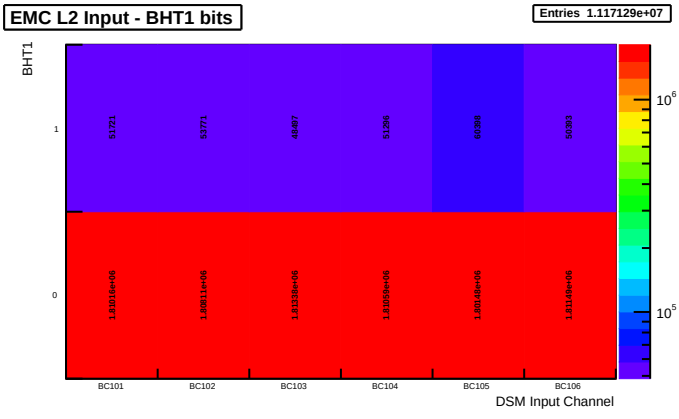

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

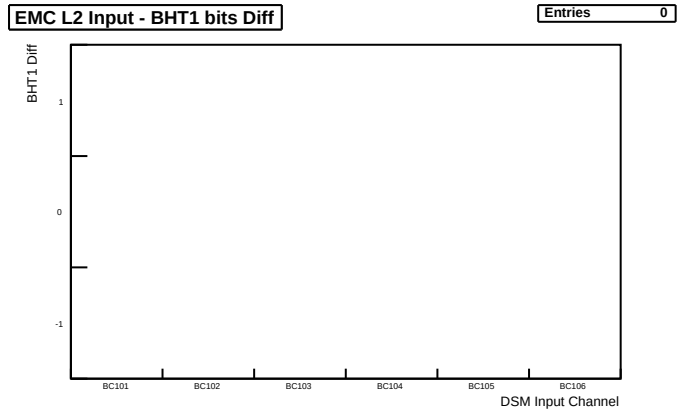

EMC L2 Input - Partial JP Sum
Entries 1.117129e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

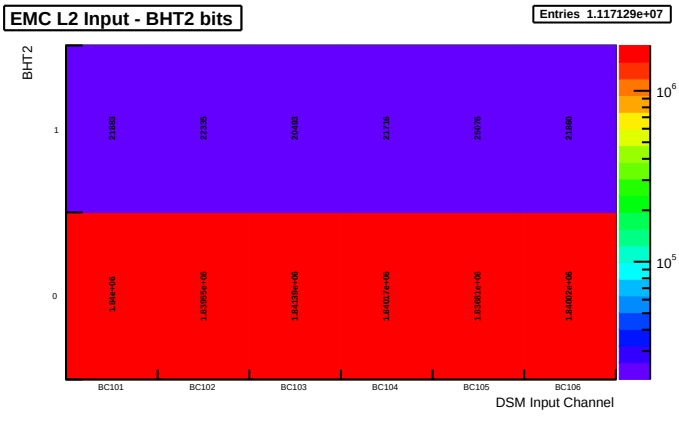

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

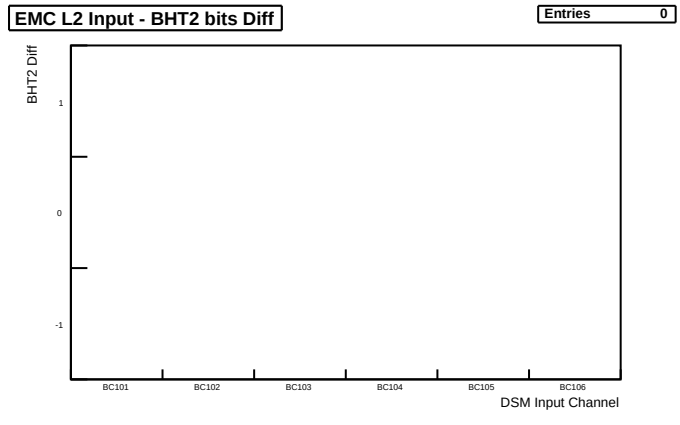

EMC L2 Input - BHT0 bits
Entries 1.117129e+07
BHT0
125554
127441
116931
125241
146105
122330
1.73633e+06
1.72444e+06
1.74492e+06
1.72664e+06
1.71578e+06
1.72395e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

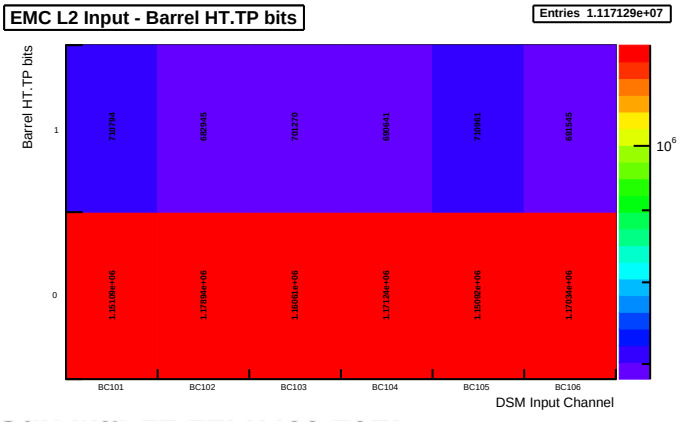

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

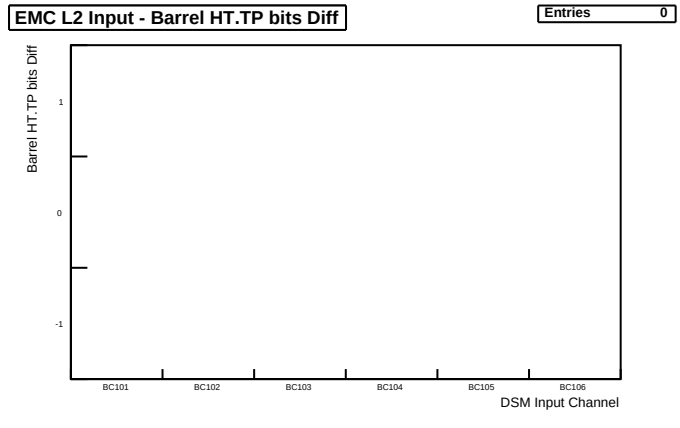

EMC L2 Input - BHT1 bits
Entries 1.117129e+07
BHT1
51721
53771
49497
51296
60388
50383
1.81316e+06
1.80811e+06
1.81338e+06
1.81059e+06
1.80149e+06
1.81149e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

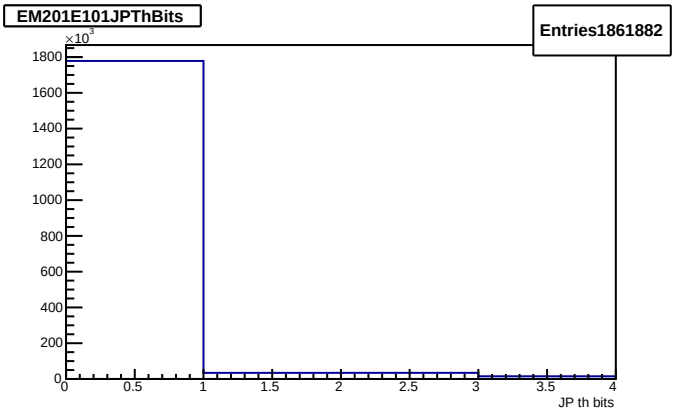

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

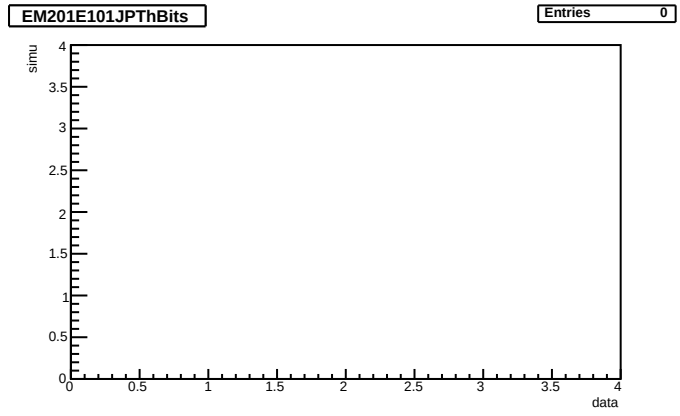

EMC L2 Input - BHT2 bits
Entries 1.117129e+07
BHT2
21383
22335
20483
21716
25976
21869
1.84e+06
1.83955e+06
1.84139e+06
1.84017e+06
1.83814e+06
1.84032e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

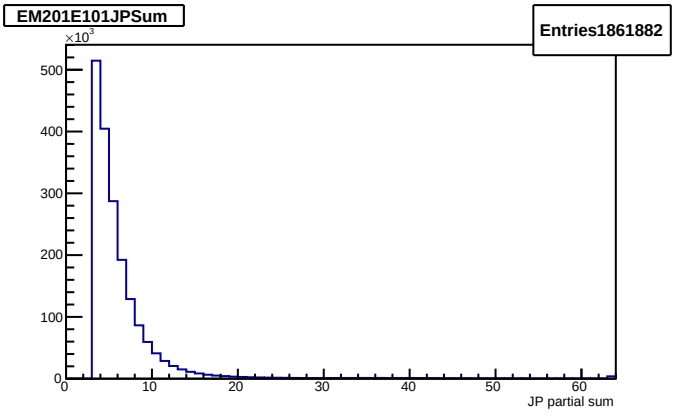

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

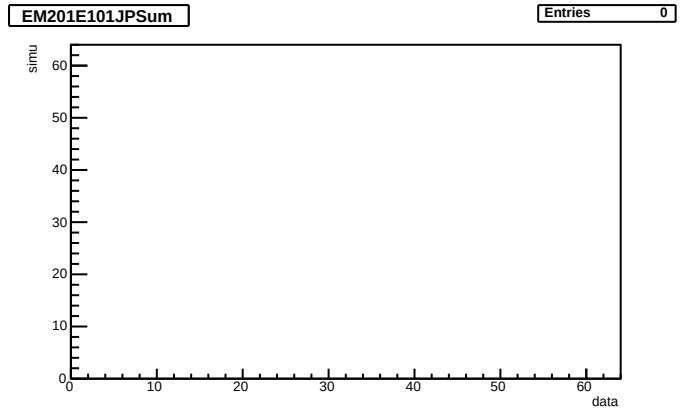

EMC L2 Input - Barrel HT.TP bits
Entries 1.117129e+07
Barrel HT.TP bits
710794
692945
701270
693641
710951
691545
1.15103e+06
1.17894e+06
1.16681e+06
1.17124e+06
1.15092e+06
1.17034e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

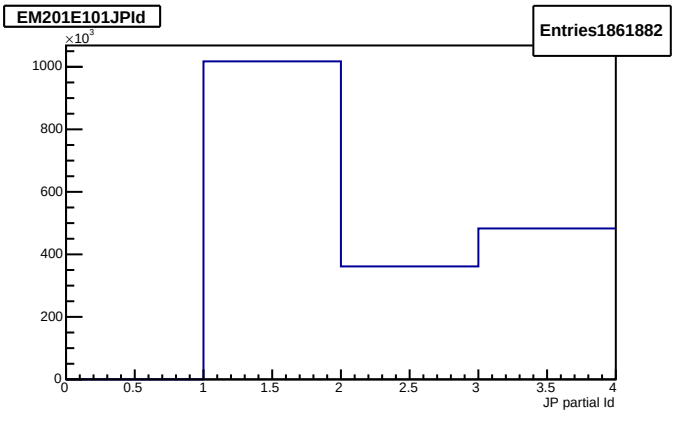

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

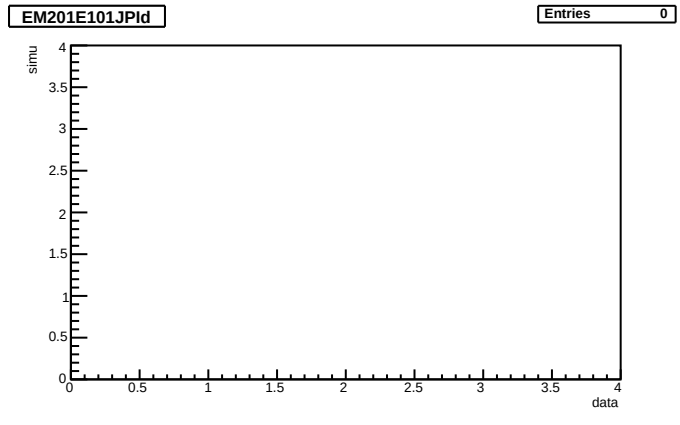

EM201E101JPThBits
Entries1861882
×10^3
JP th bits

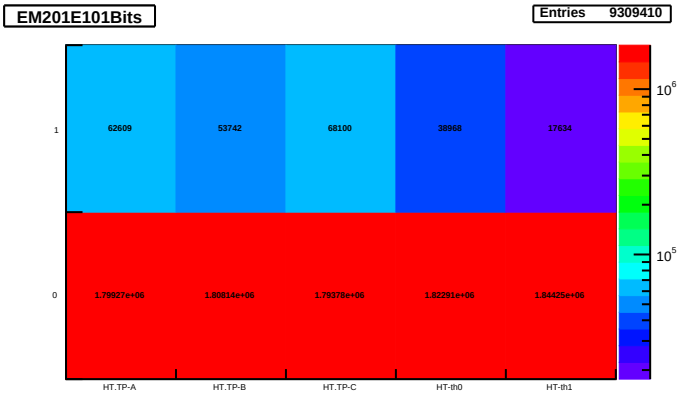

EM201E101JPThBits
Entries 0
simu
data

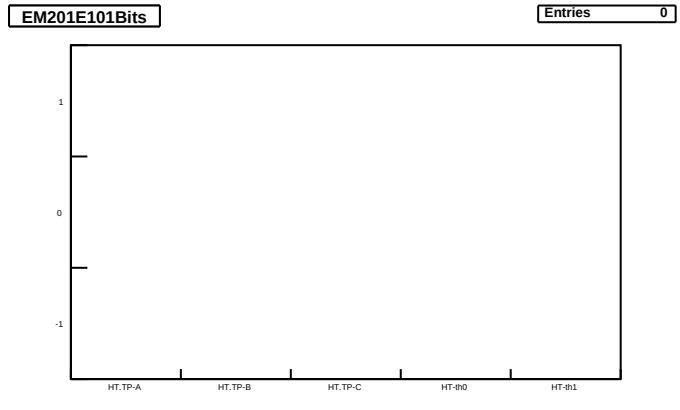

EM201E101JPSum
Entries1861882
×10^3
JP partial sum

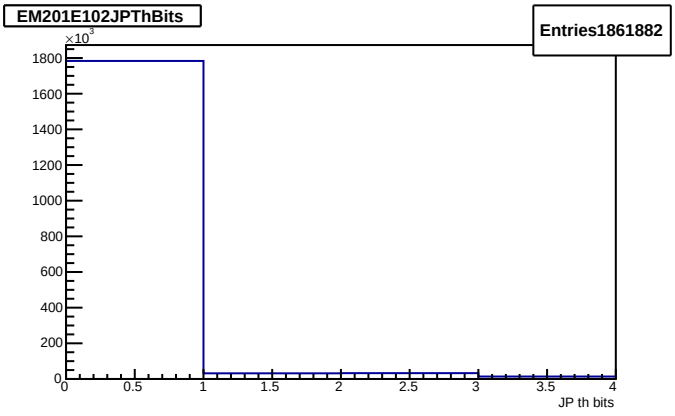

EM201E101JPSum
Entries 0
simu
data

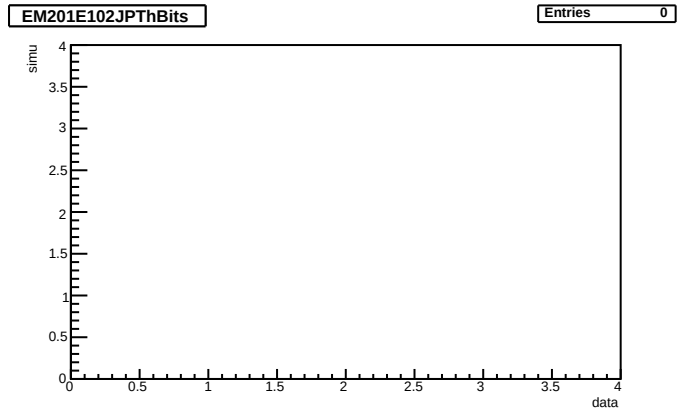

EM201E101JPId
Entries1861882
×10^3
JP partial Id

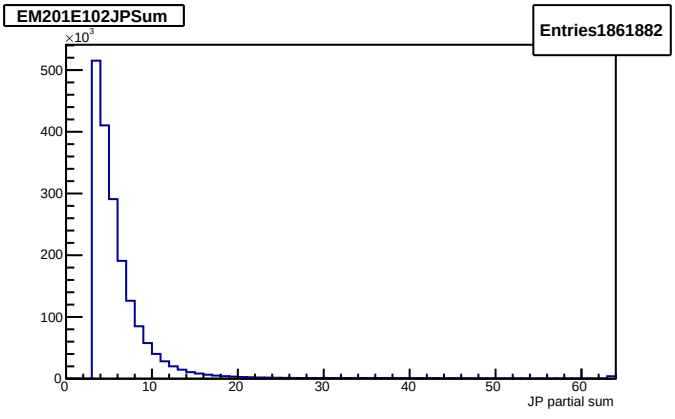

EM201E101JPId
Entries 0
simu
data

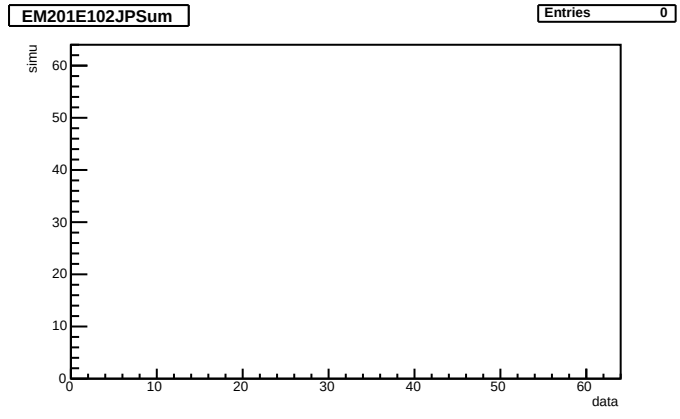

EM201E101Bits
Entries 9309410
62609
53742
68100
38968
17634
1.79927e+06
1.80814e+06
1.79378e+06
1.82291e+06
1.84425e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

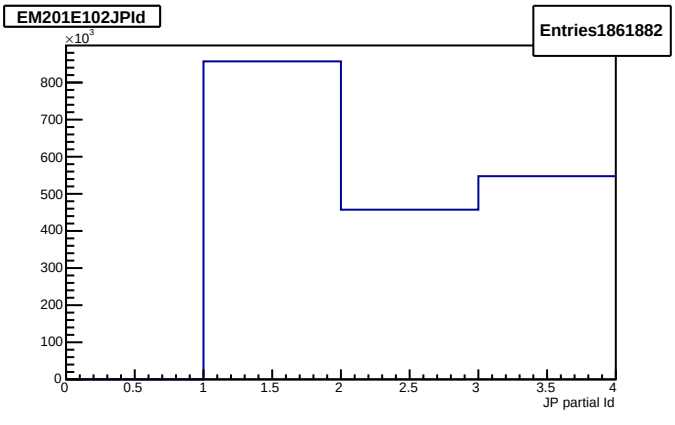

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

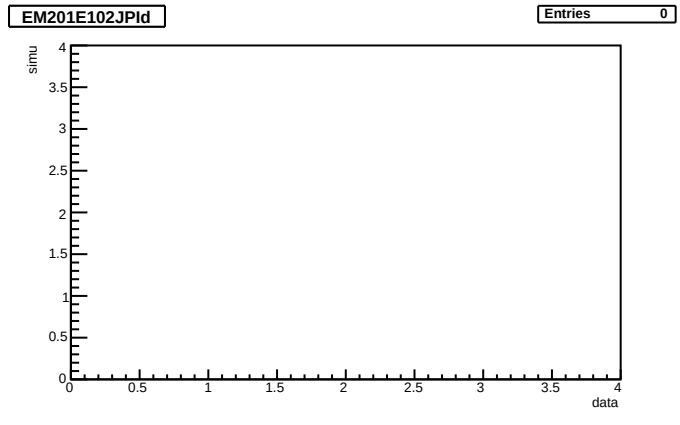

EM201E102JPThBits
Entries1861882
×10^3
JP th bits

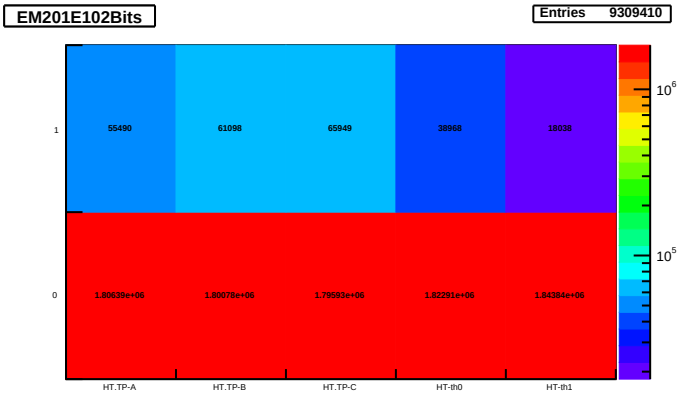

EM201E102JPThBits
Entries 0
simu
data

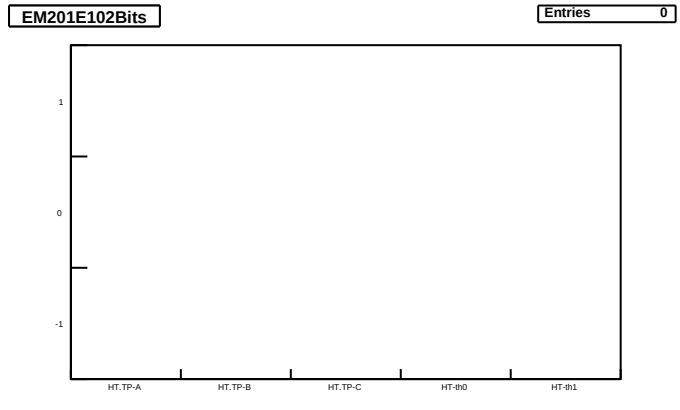

EM201E102JPSum
Entries1861882
×10^3
JP partial sum

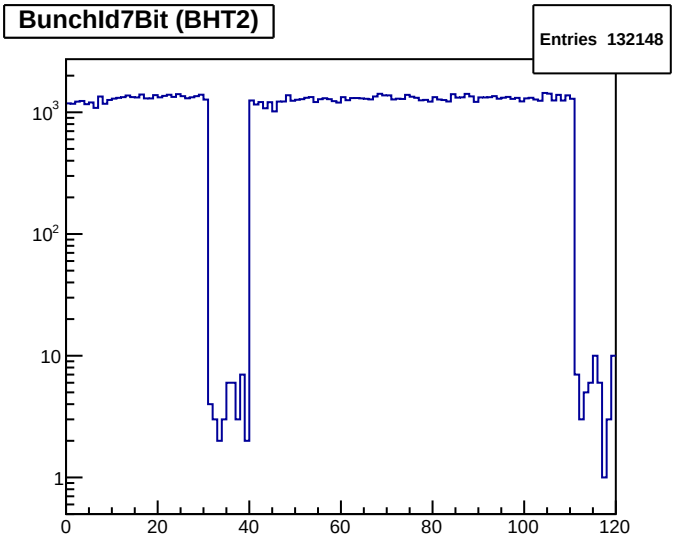

EM201E102JPSum
Entries 0
simu
data

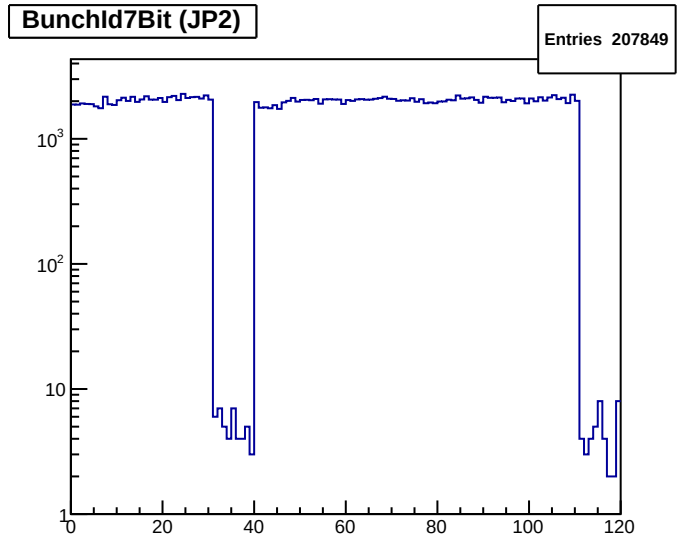

EM201E102JPId
Entries1861882
×10^3
JP partial Id

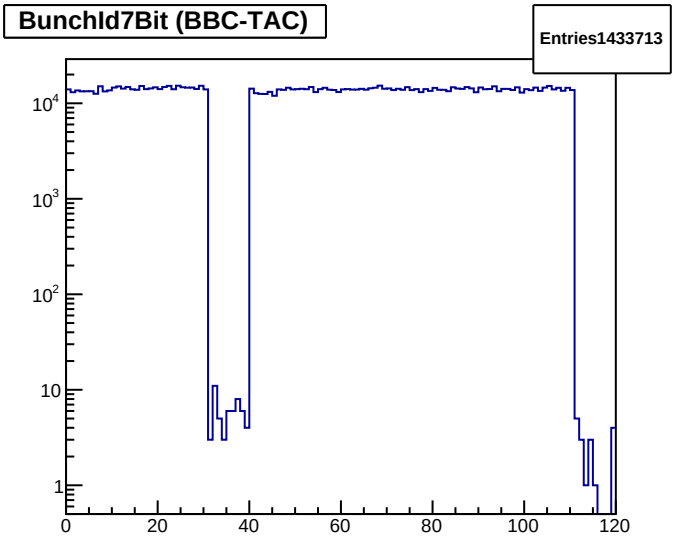

EM201E102JPId
Entries 0
simu
data

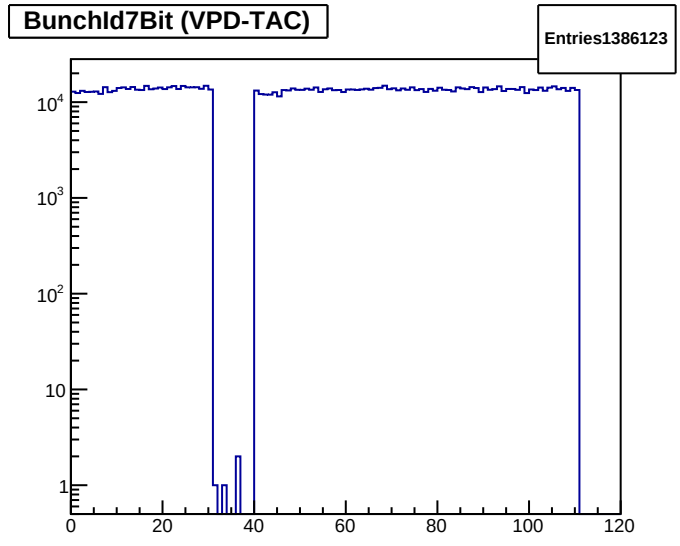

EM201E102Bits
Entries 9309410
55490
61098
65949
38968
18038
1.80639e+06
1.80078e+06
1.79593e+06
1.82291e+06
1.84384e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

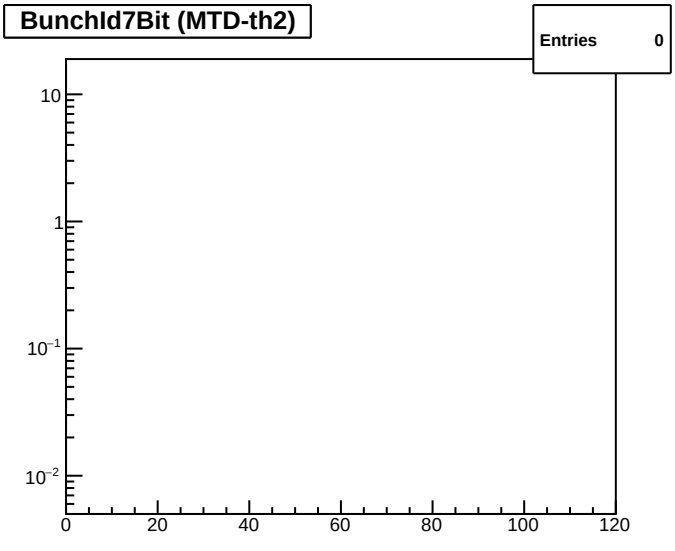

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

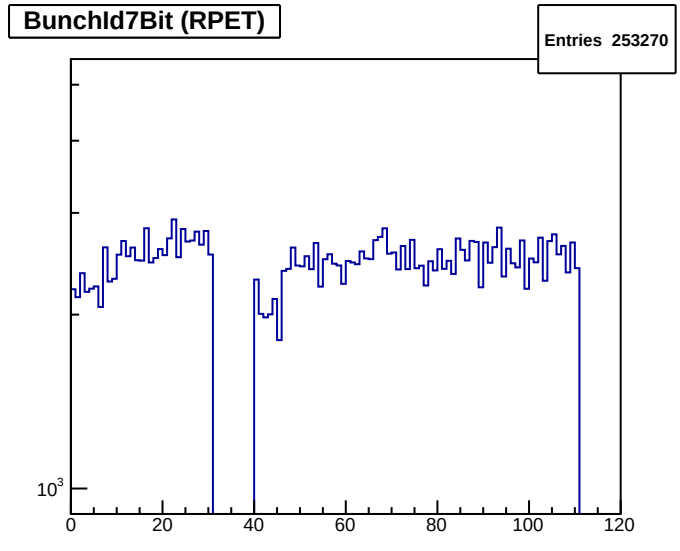

BunchId7Bit (BHT2)
Entries 132148

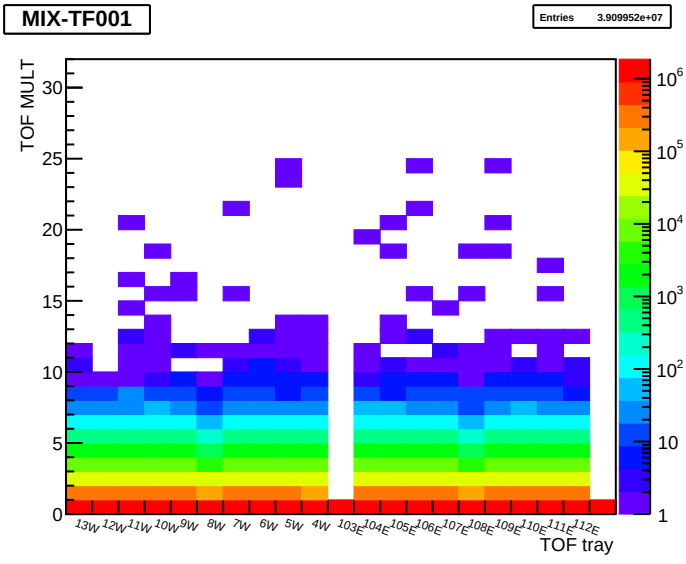

BunchId7Bit (JP2)
Entries 207849

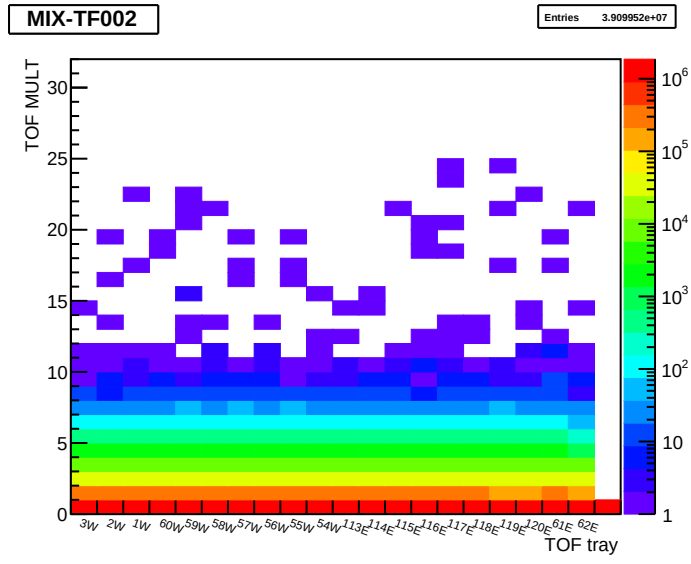

BunchId7Bit (BBC-TAC)
Entries1433713

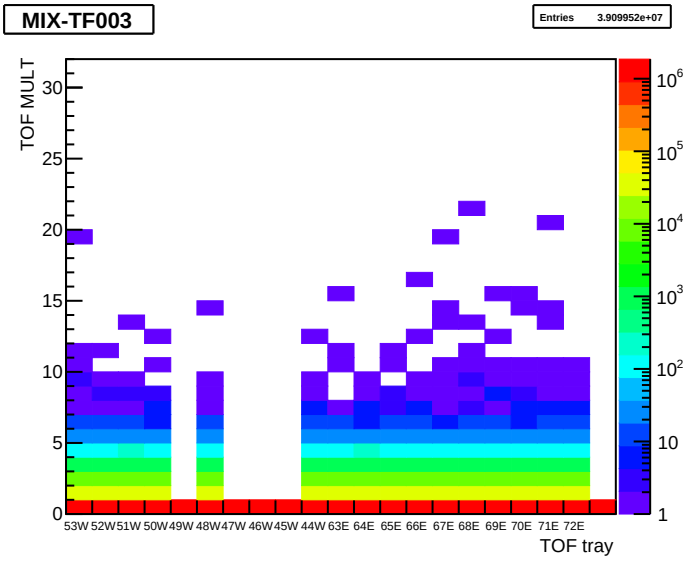

BunchId7Bit (VPD-TAC)
Entries1386123

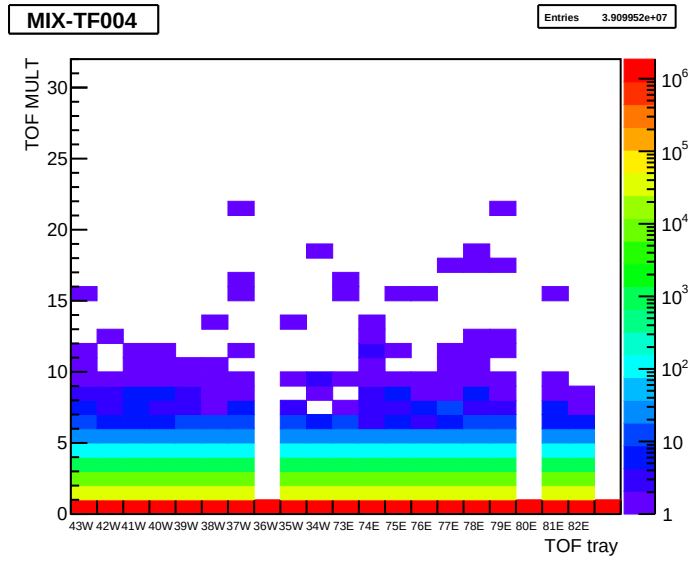

BunchId7Bit (MTD-th2)
Entries 0

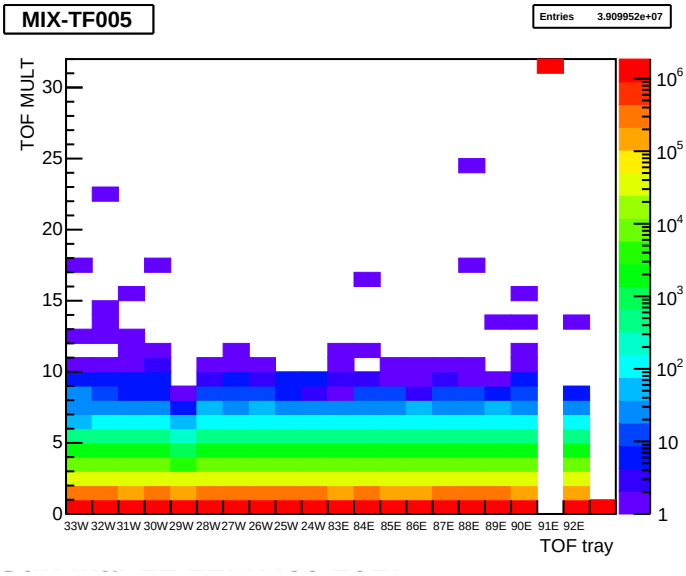

BunchId7Bit (RPET)
Entries 253270

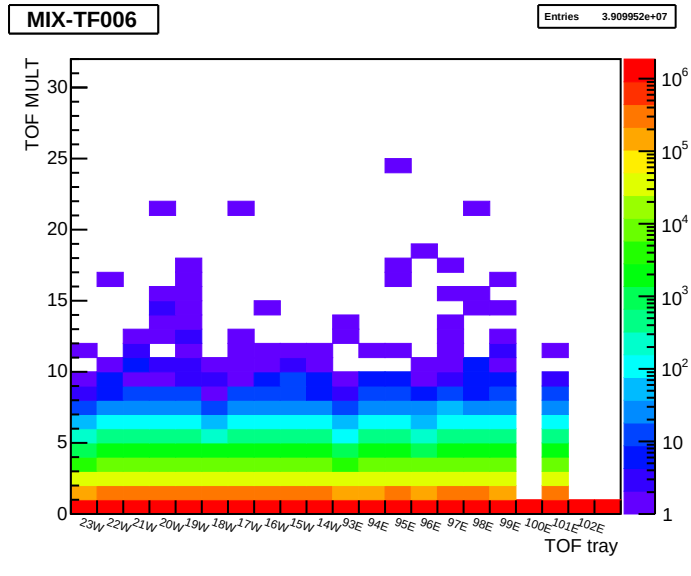

MIX-TF001
Entries 3.909952e+07
TOF MULT
TOF tray

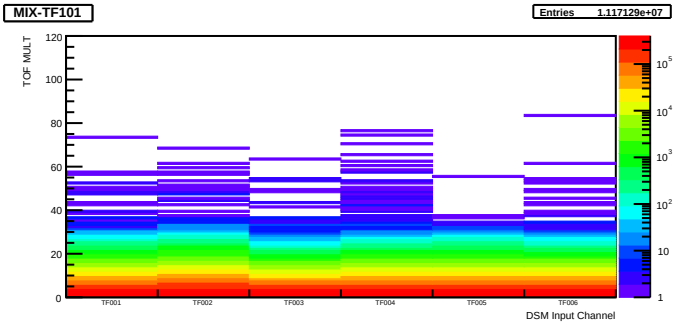

MIX-TF002
Entries 3.909952e+07
TOF MULT
TOF tray

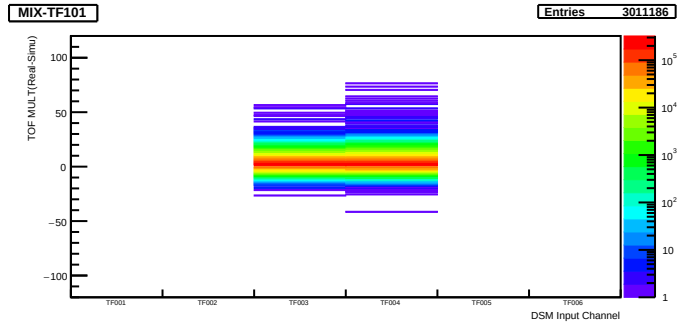

MIX-TF003
Entries 3.909952e+07
TOF MULT
TOF tray

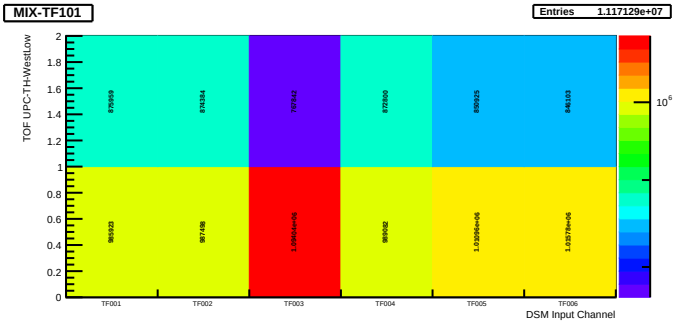

MIX-TF004
Entries 3.909952e+07
TOF MULT
TOF tray

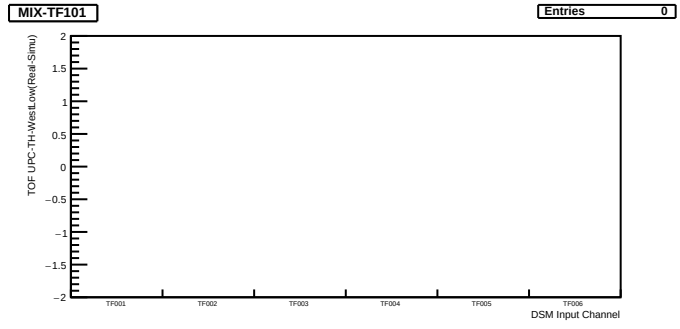

MIX-TF005
Entries 3.909952e+07
TOF MULT
TOF tray

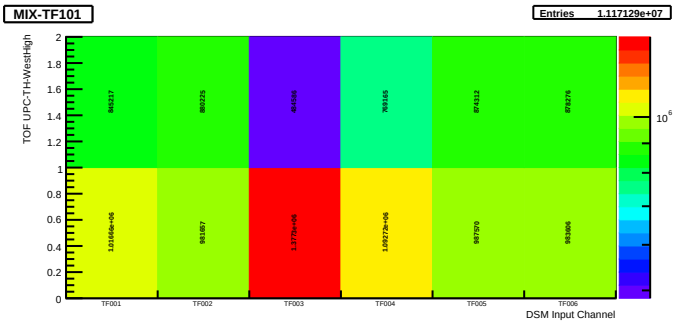

MIX-TF006
Entries 3.909952e+07
TOF MULT
TOF tray

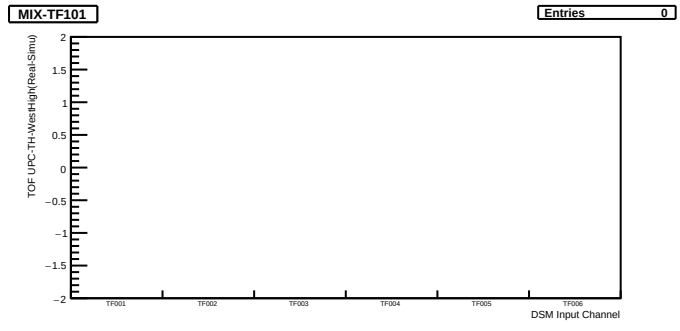

MIX-TF101
Entries 1.117129e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

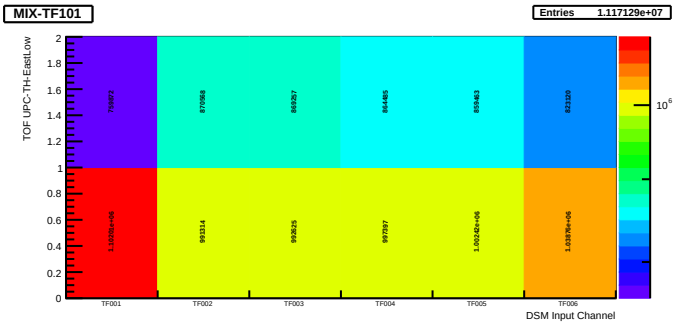

MIX-TF101
Entries 3011186
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

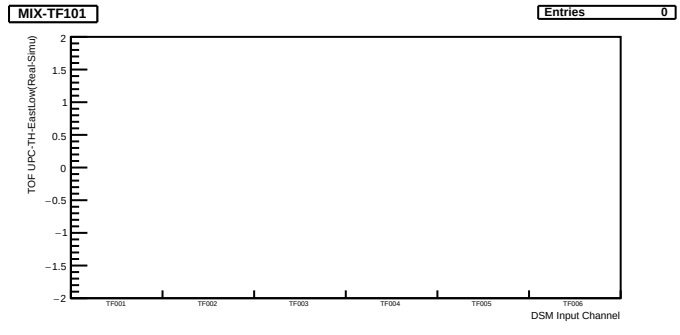

MIX-TF101
Entries 1.117129e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

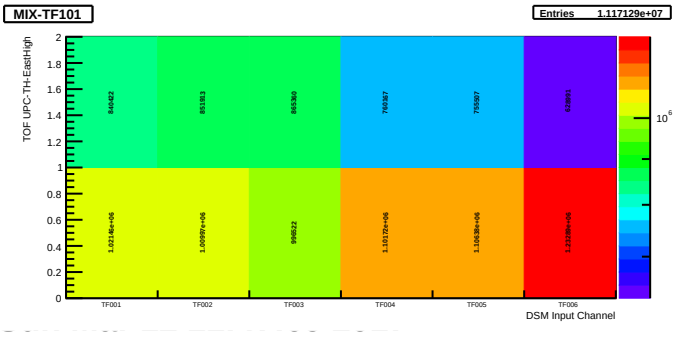

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

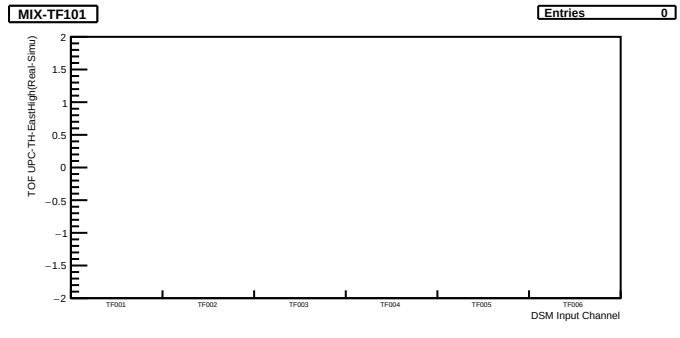

MIX-TF101
Entries 1.117129e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

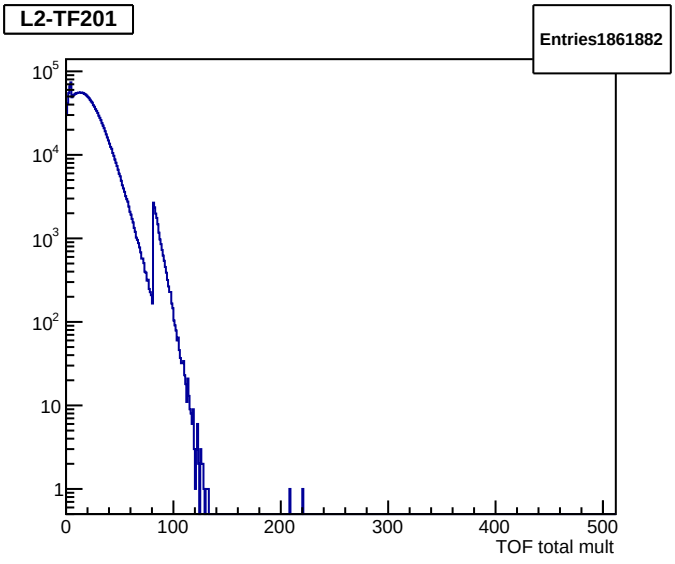

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

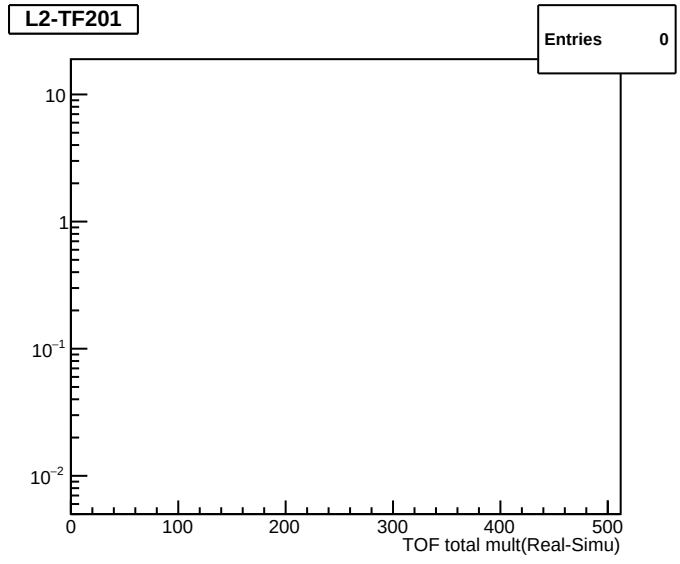

MIX-TF101
Entries 1.117129e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

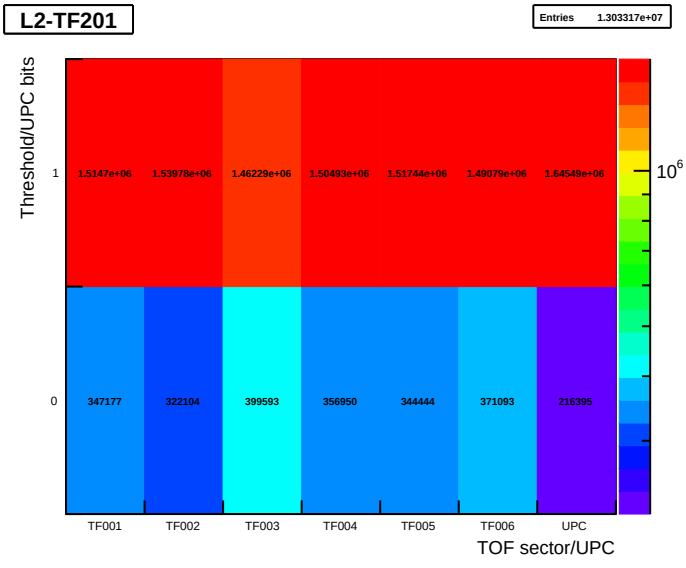

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

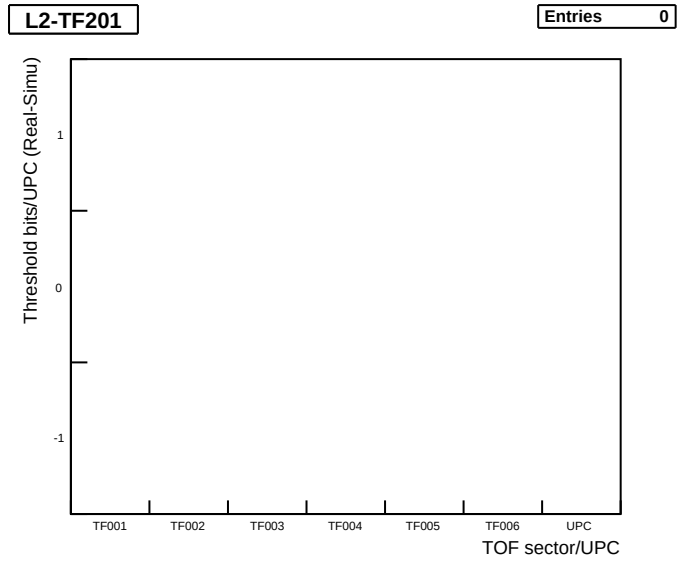

MIX-TF101
Entries 1.117129e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

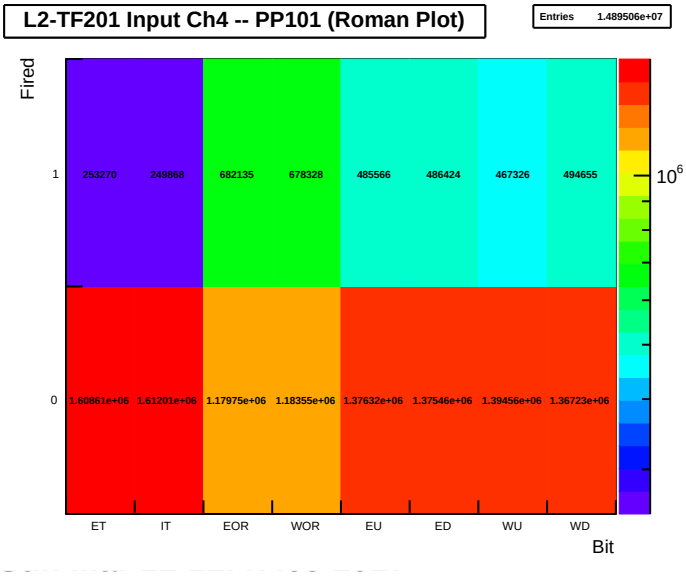

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

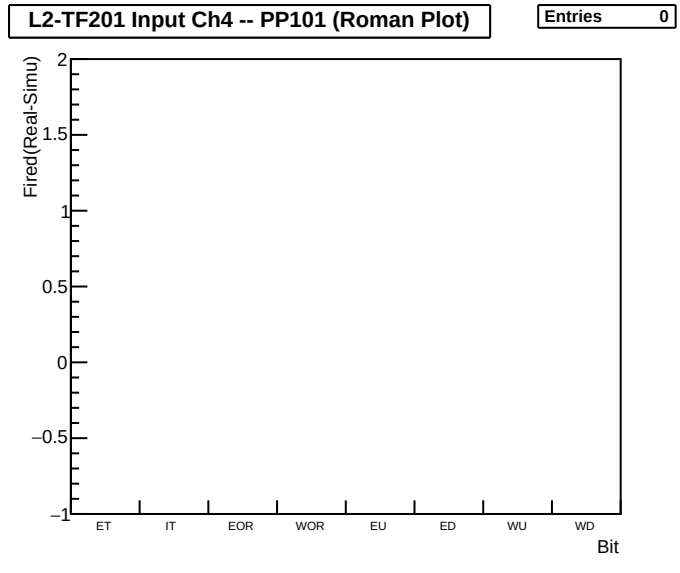

L2-TF201
Entries1861882
TOF total mult

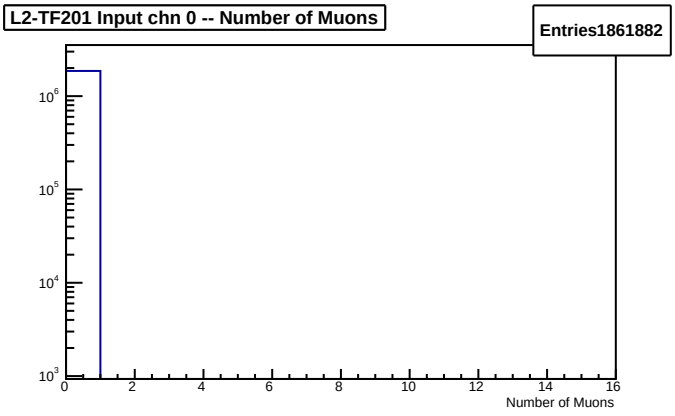

L2-TF201
Entries 0
TOF total mult(Real-Simu)

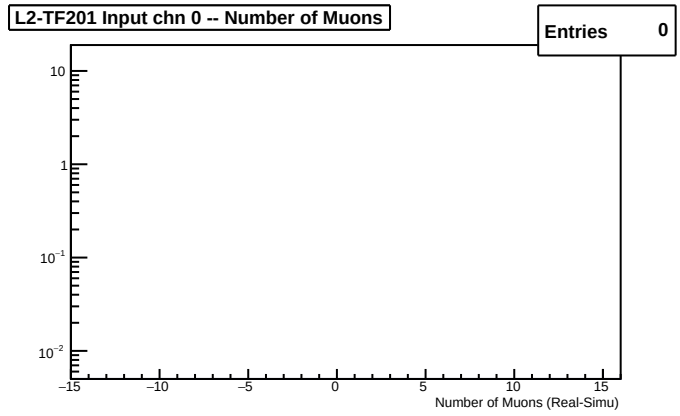

L2-TF201
Entries 1.303317e+07
Threshold/UPC bits
1.5147e+06
1.53978e+06
1.46229e+06
1.50493e+06
1.51744e+06
1.49079e+06
1.64549e+06
347177
322104
399593
356950
344444
371093
216395
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

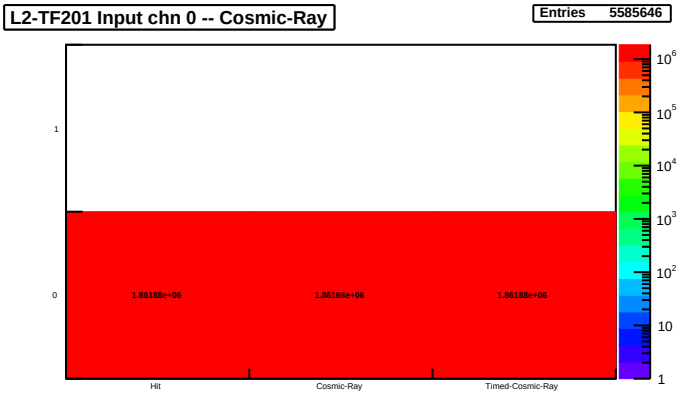

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

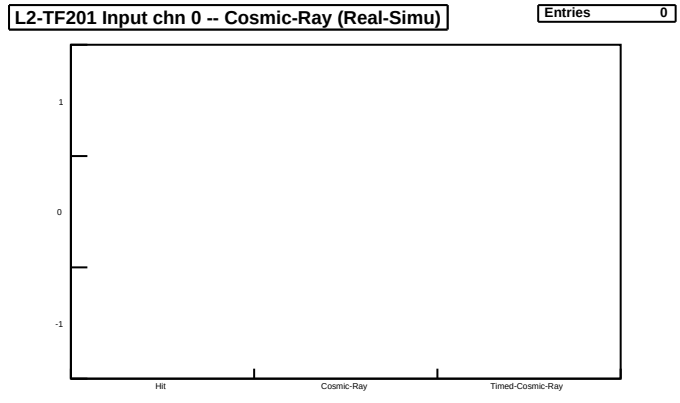

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.489506e+07
Fired
253270
249868
682135
678328
485566
486424
467326
494655
1.60861e+06
1.61201e+06
1.17975e+06
1.18355e+06
1.37632e+06
1.37546e+06
1.39456e+06
1.36723e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

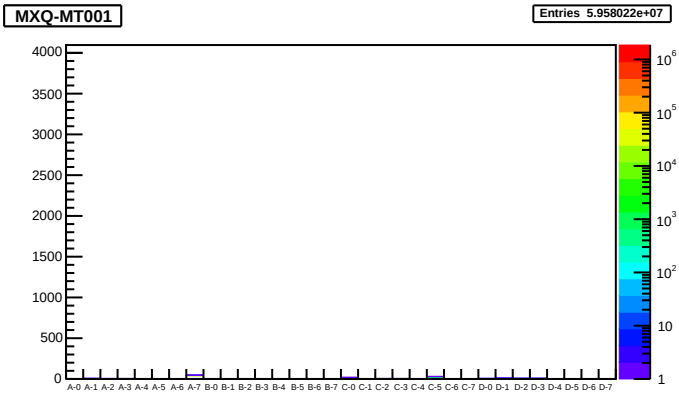

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

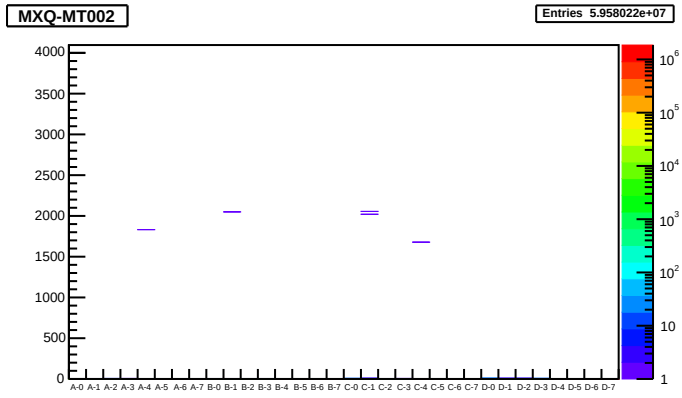

L2-TF201 Input chn 0 -- Number of Muons
Entries1861882
Number of Muons

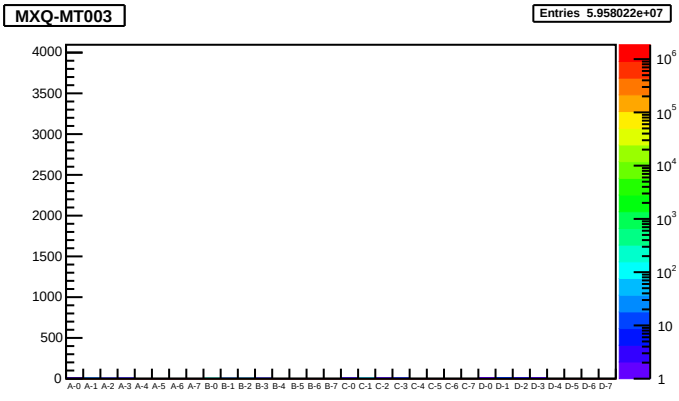

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

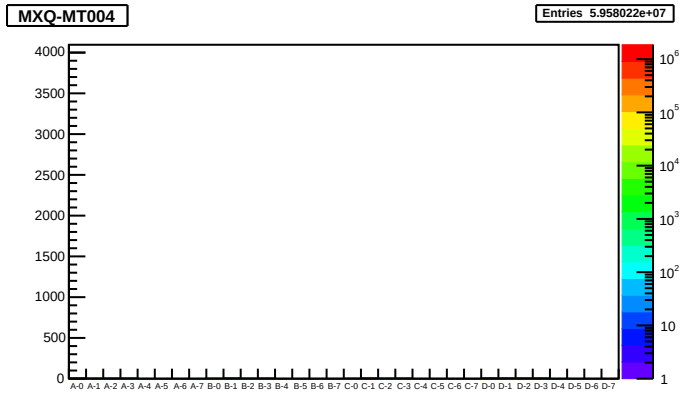

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 5585646
1.86188e+06
1.86188e+06
1.86188e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

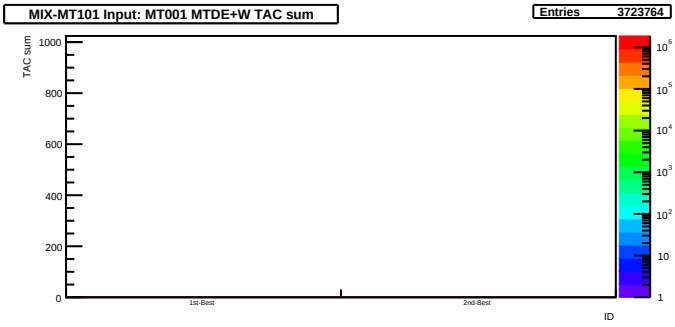

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

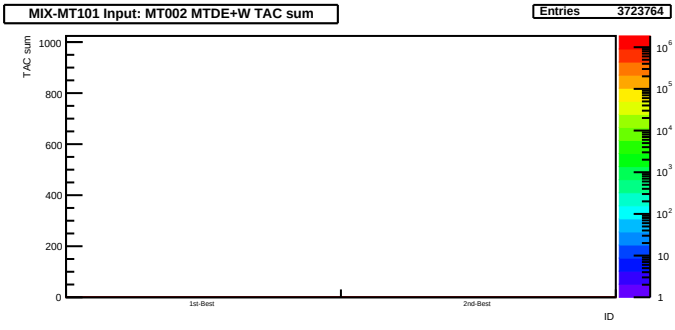

MXQ-MT001
Entries 5.958022e+07

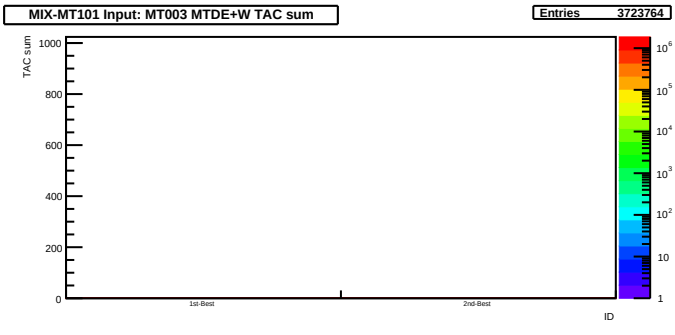

MXQ-MT002
Entries 5.958022e+07

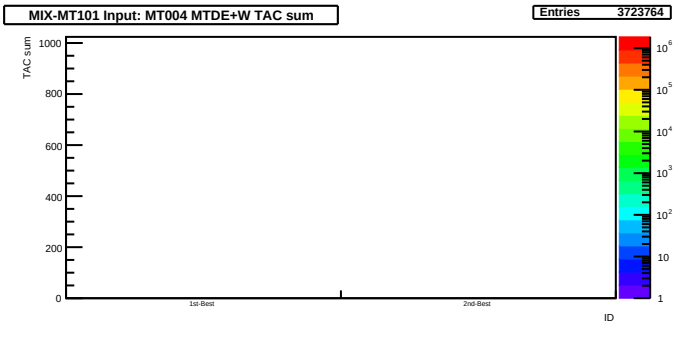

MXQ-MT003
Entries 5.958022e+07

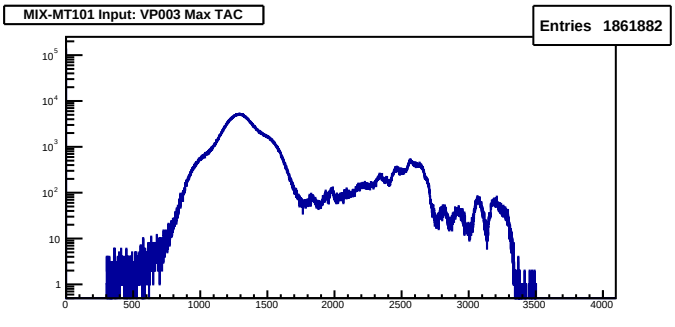

MXQ-MT004
Entries 5.958022e+07

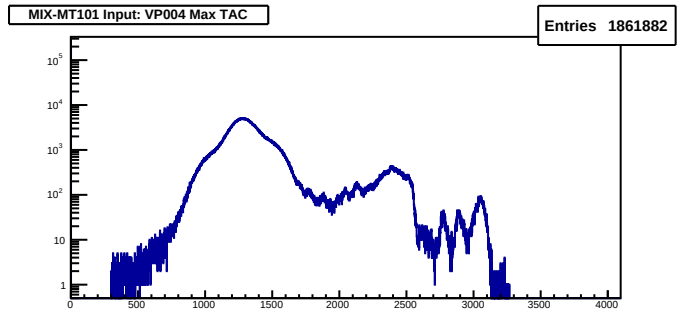

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3723764
TAC sum
1st-Best
2nd-Best
ID

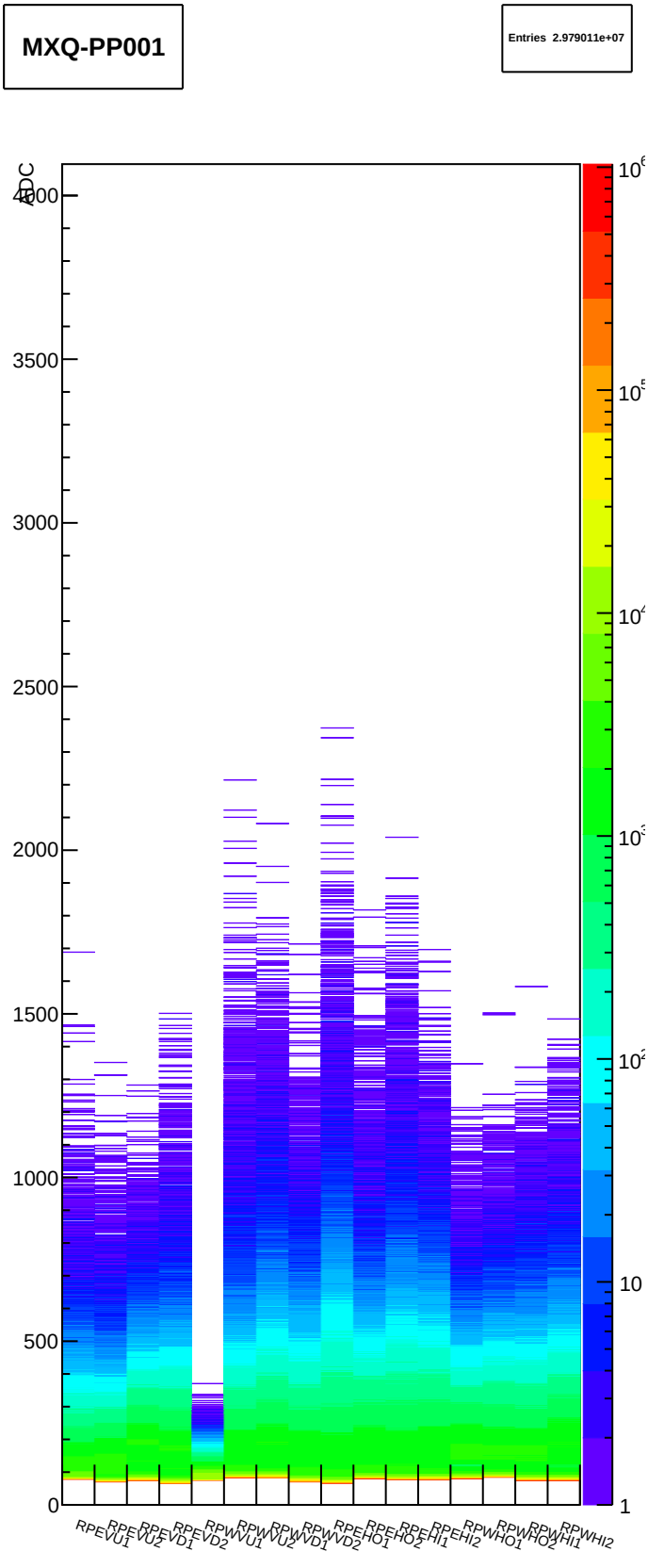

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3723764
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3723764
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3723764
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1861882


MIX-MT101 Input: VP004 Max TAC
Entries 1861882


MXQ-PP001
Entries 2.979011e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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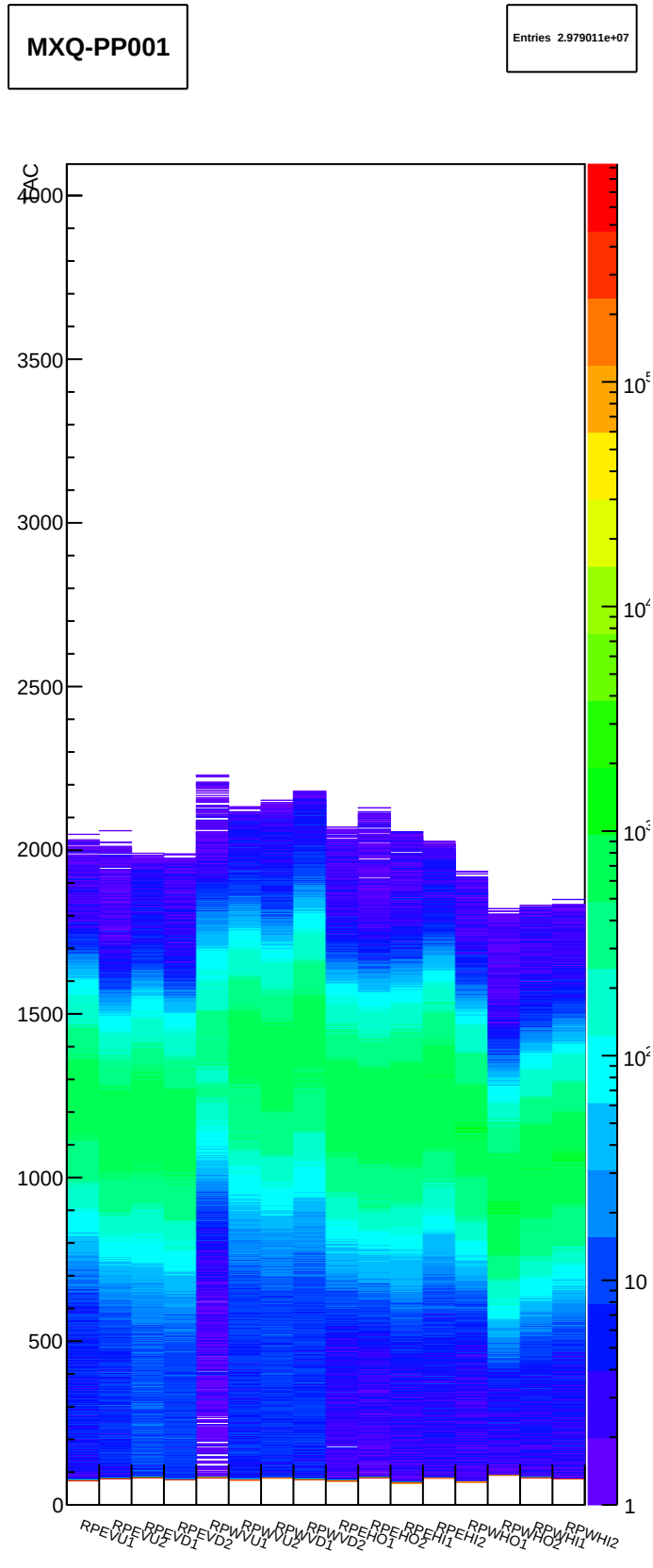
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 2.979011e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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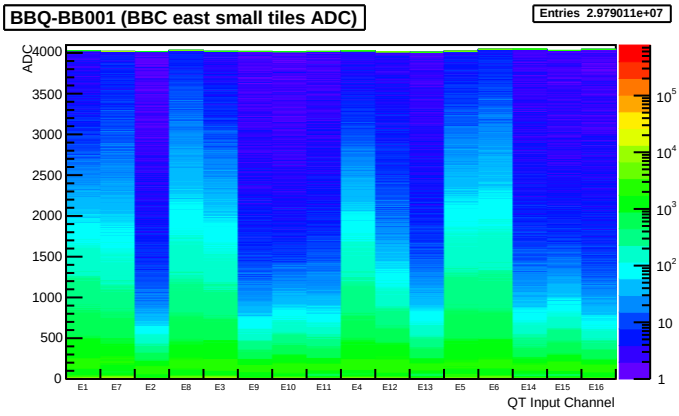
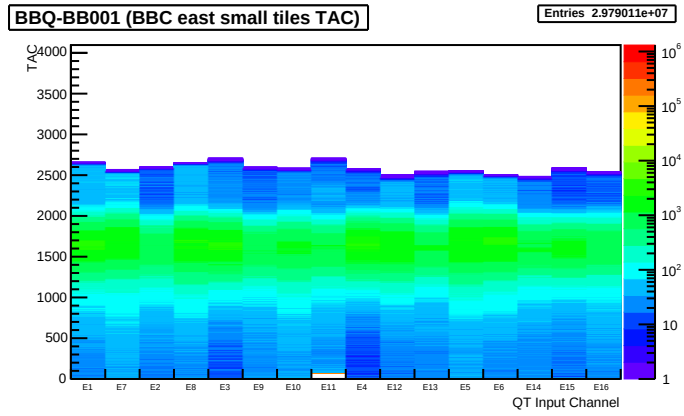
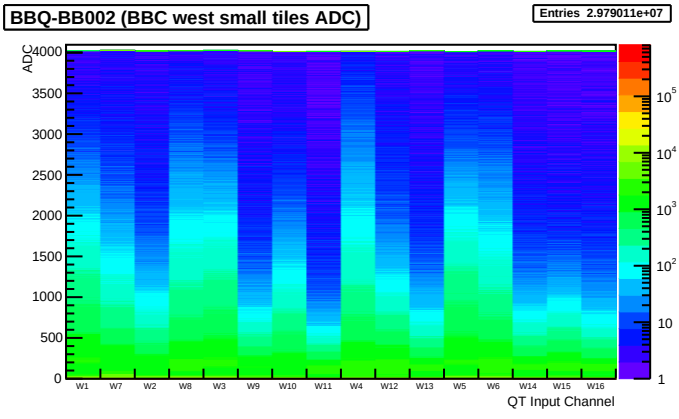
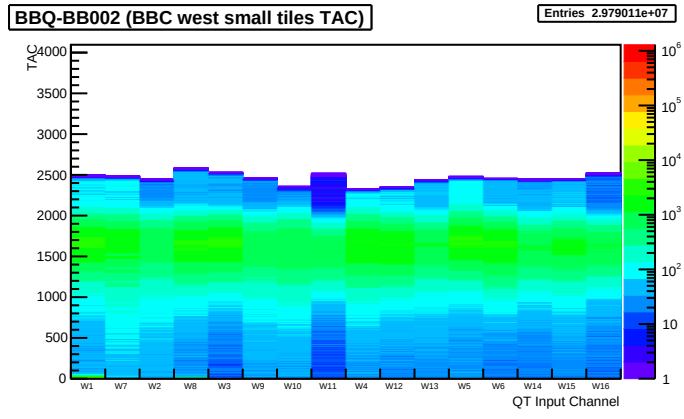
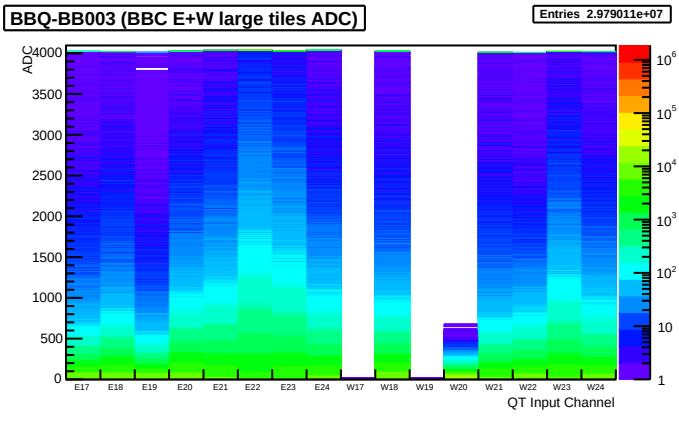
RPWHO2
RPWHI1
RPWHI2
1
10

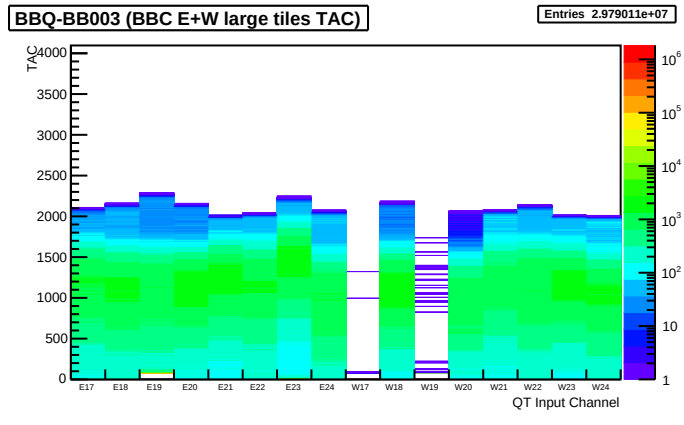

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.979011e+07
ADC
QT Input Channel

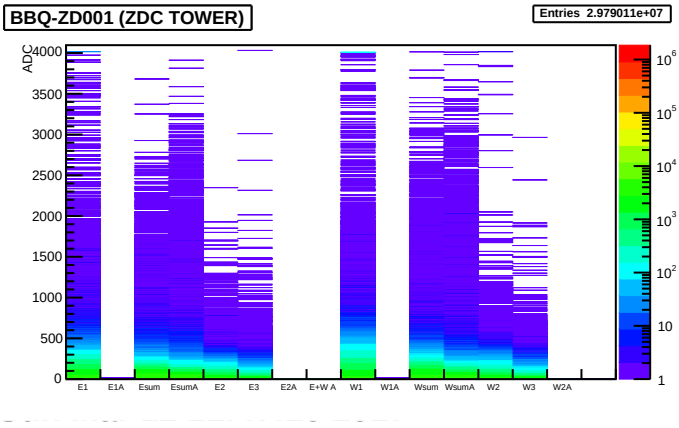

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.979011e+07
TAC
QT Input Channel

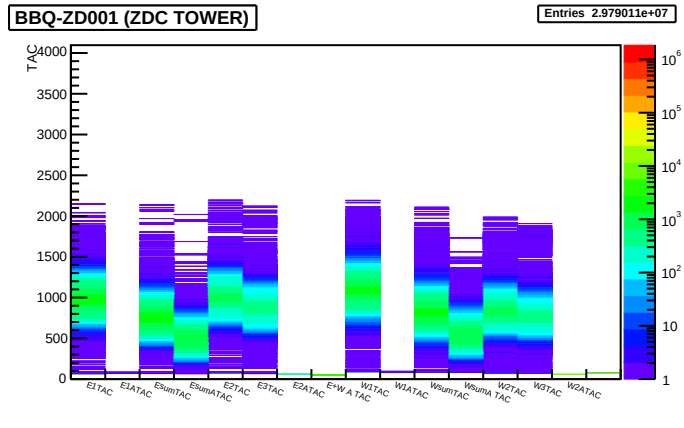

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.979011e+07
ADC
QT Input Channel

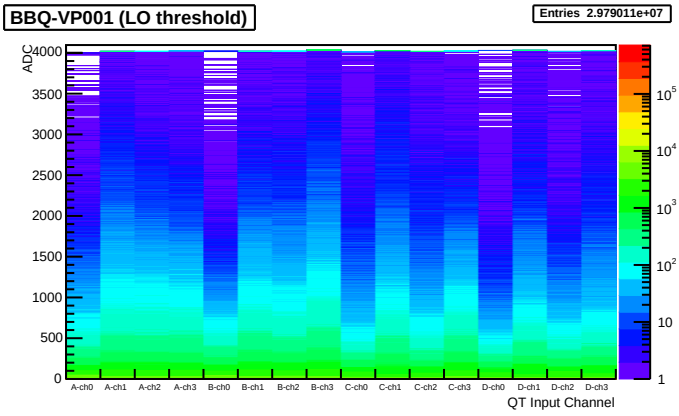

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.979011e+07
TAC
QT Input Channel

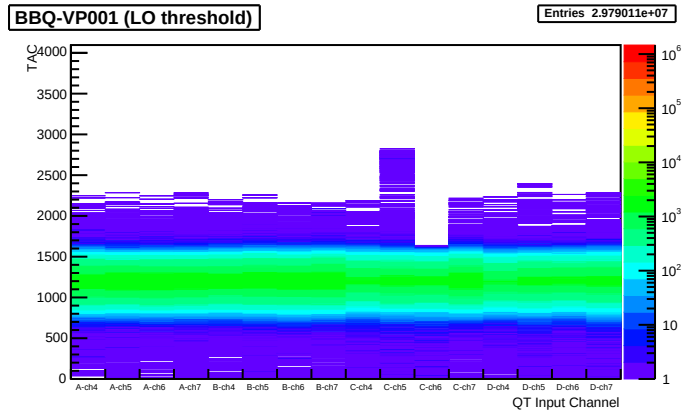

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.979011e+07
ADC
QT Input Channel

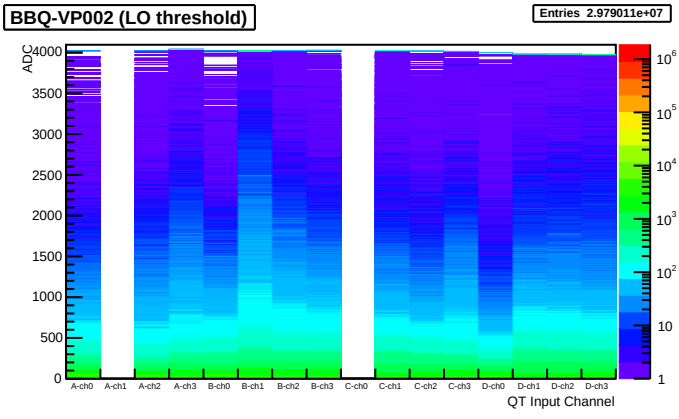

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.979011e+07
TAC
QT Input Channel

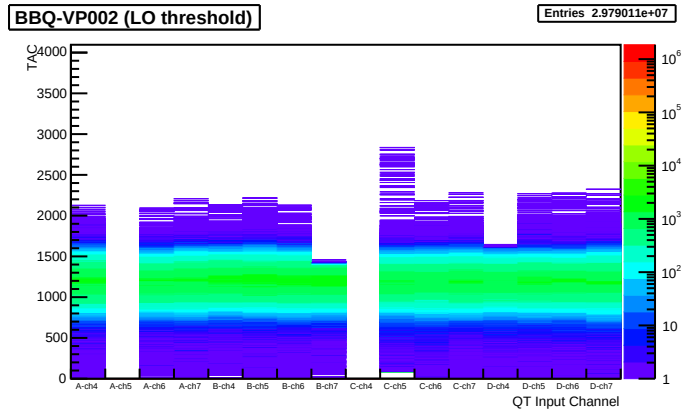

BBQ-ZD001 (ZDC TOWER)
Entries 2.979011e+07
ADC

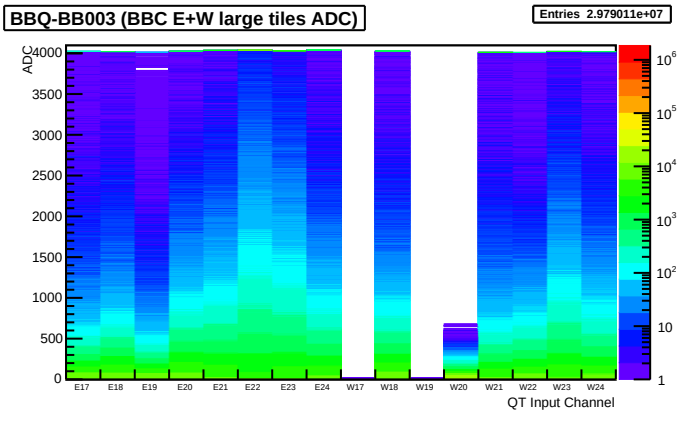

BBQ-ZD001 (ZDC TOWER)
Entries 2.979011e+07
TAC

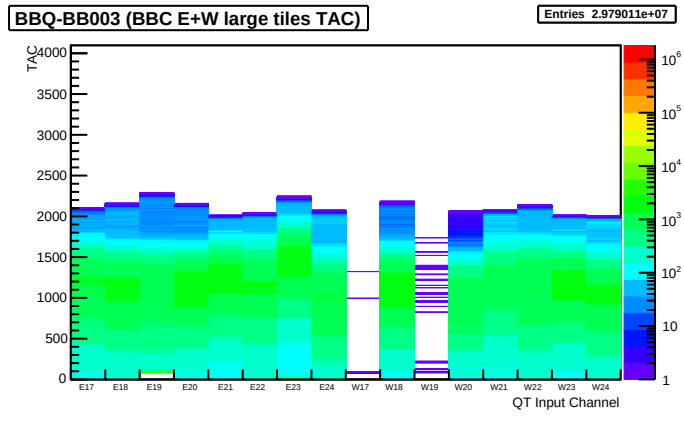

BBQ-VP001 (LO threshold)
Entries 2.979011e+07
ADC
QT Input Channel

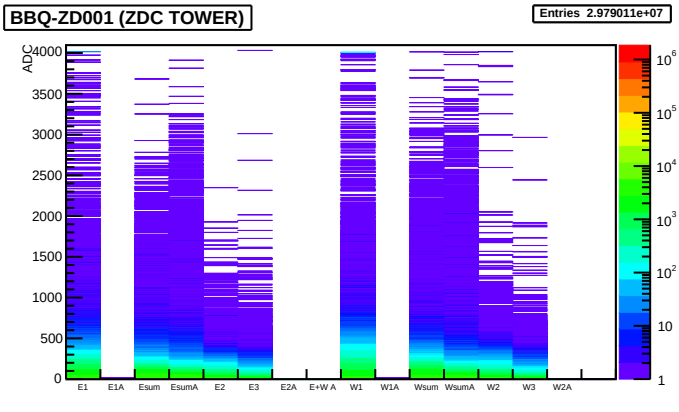

BBQ-VP001 (LO threshold)
Entries 2.979011e+07
TAC
QT Input Channel

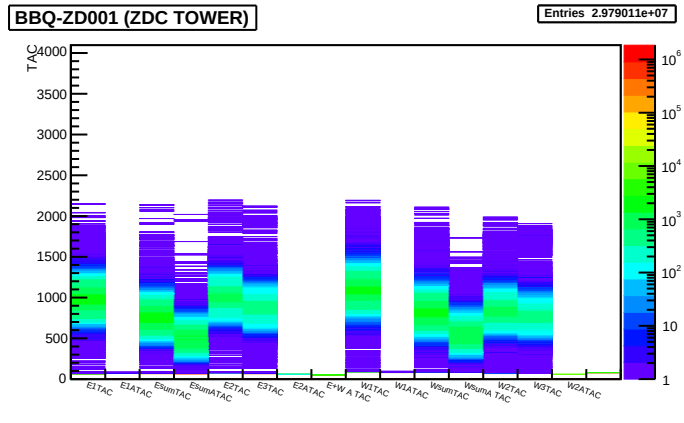

BBQ-VP002 (LO threshold)
Entries 2.979011e+07
ADC
QT Input Channel

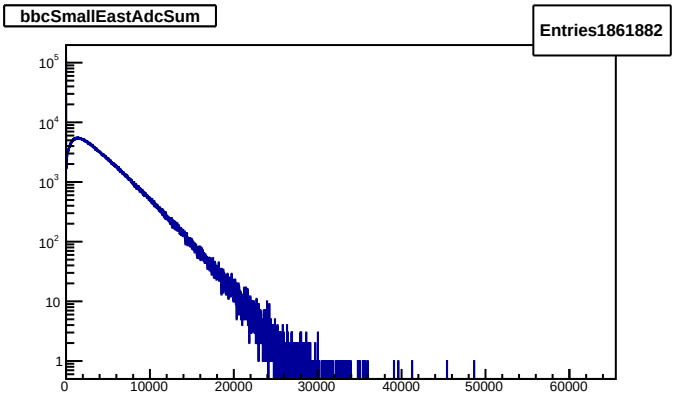

BBQ-VP002 (LO threshold)
Entries 2.979011e+07
TAC
QT Input Channel

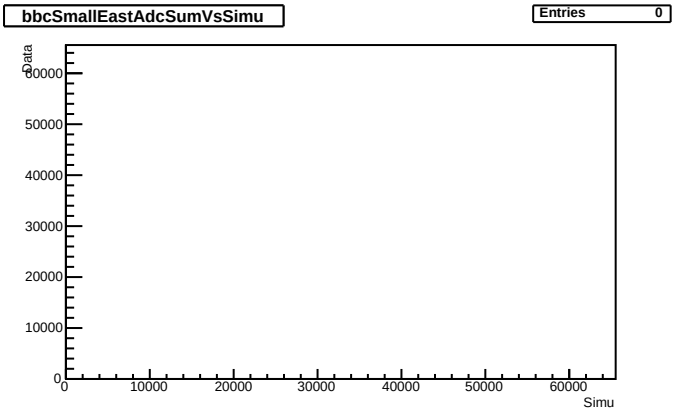

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.979011e+07
ADC
QT Input Channel

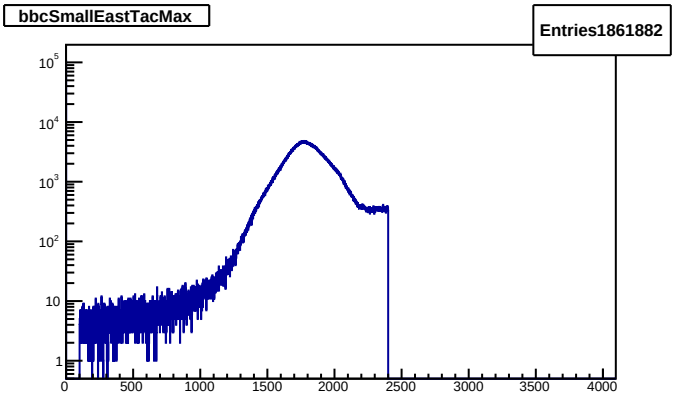

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.979011e+07
TAC
QT Input Channel

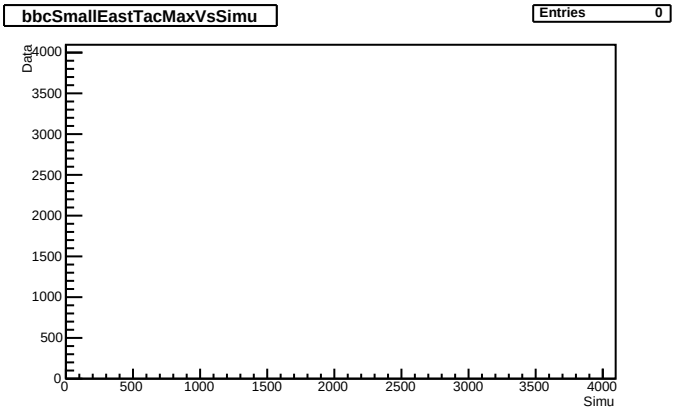

BBQ-ZD001 (ZDC TOWER)
Entries 2.979011e+07
ADC

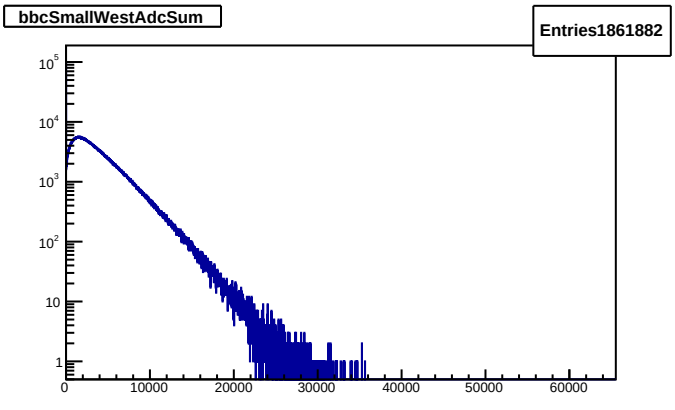

BBQ-ZD001 (ZDC TOWER)
Entries 2.979011e+07
TAC

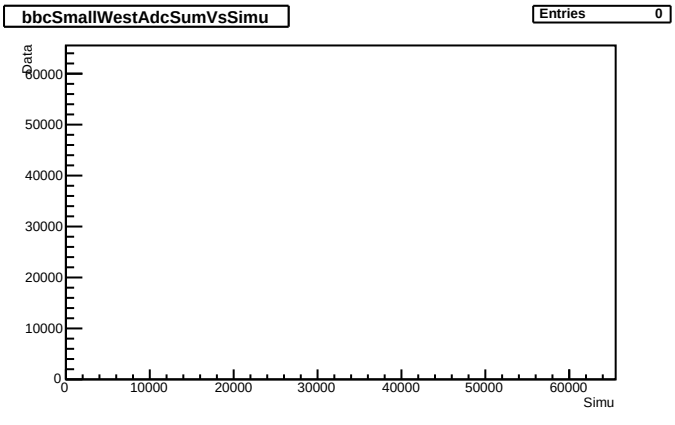

bbcSmallEastAdcSum
Entries1861882

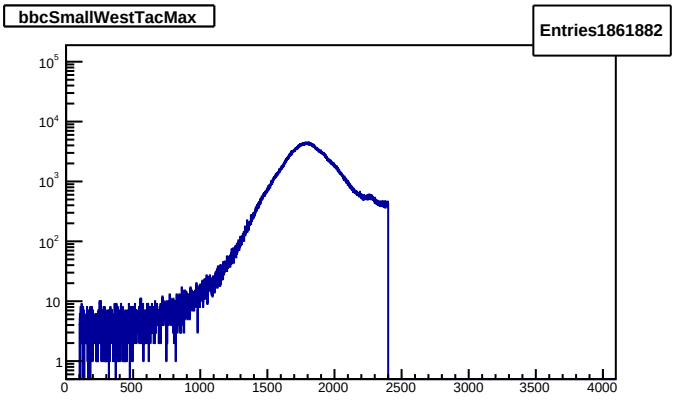

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

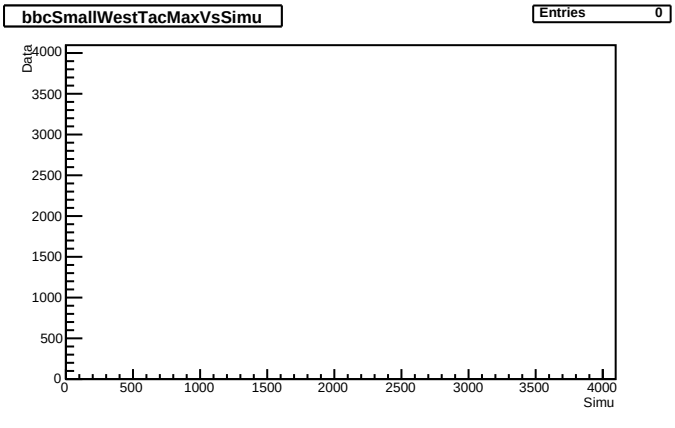

bbcSmallEastTacMax
Entries1861882

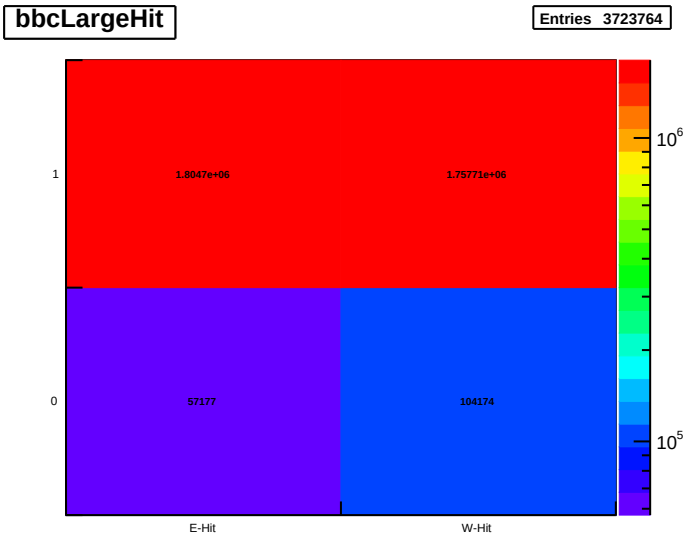

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

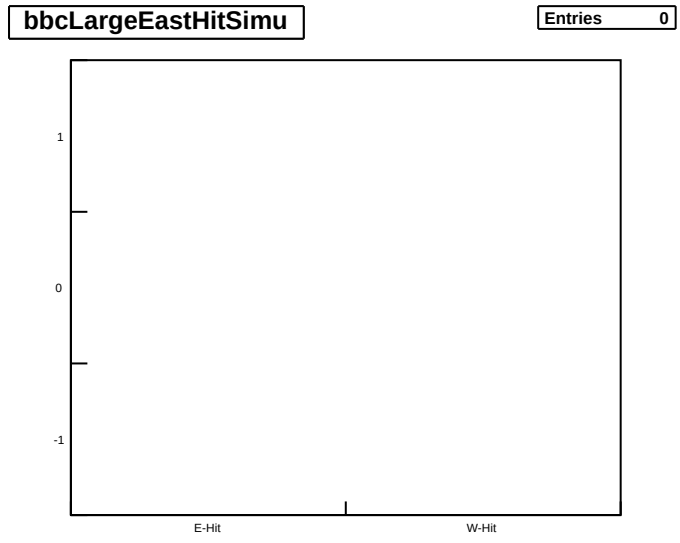

bbcSmallWestAdcSum
Entries1861882

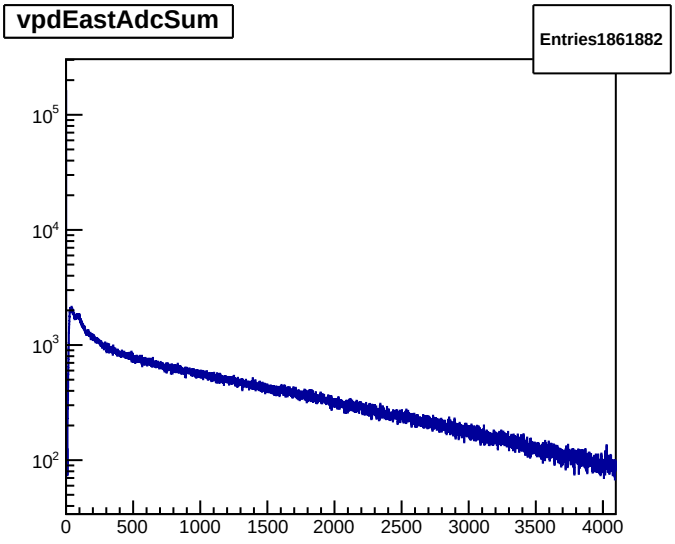

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

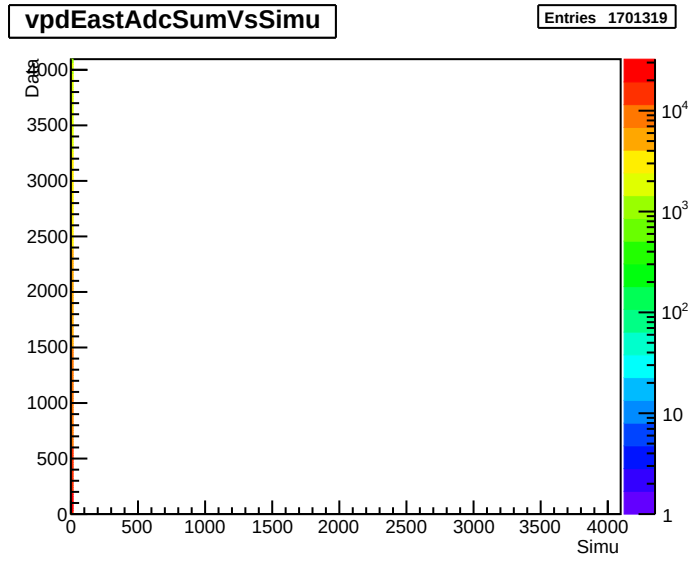

bbcSmallWestTacMax
Entries1861882

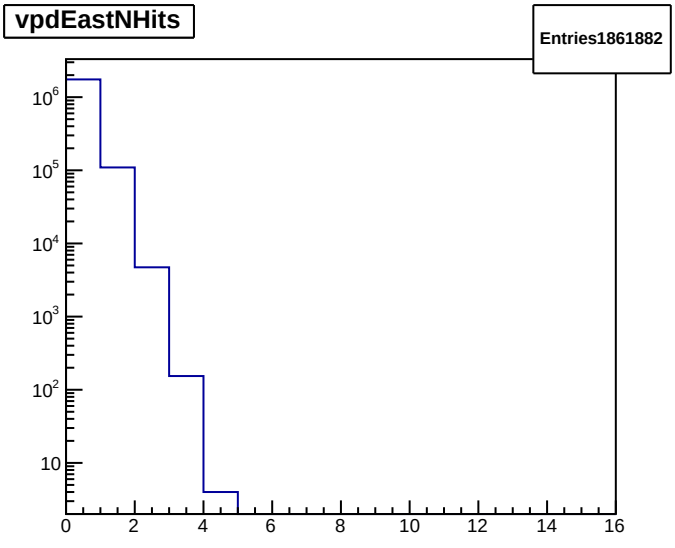

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

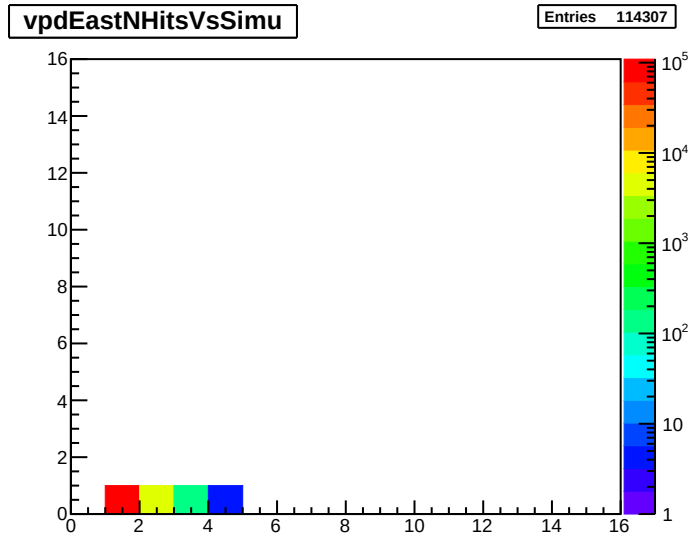

bbcLargeHit
Entries 3723764
1.8047e+06
1.75771e+06
57177
104174
1
0
E-Hit
W-Hit
10^6
10^5

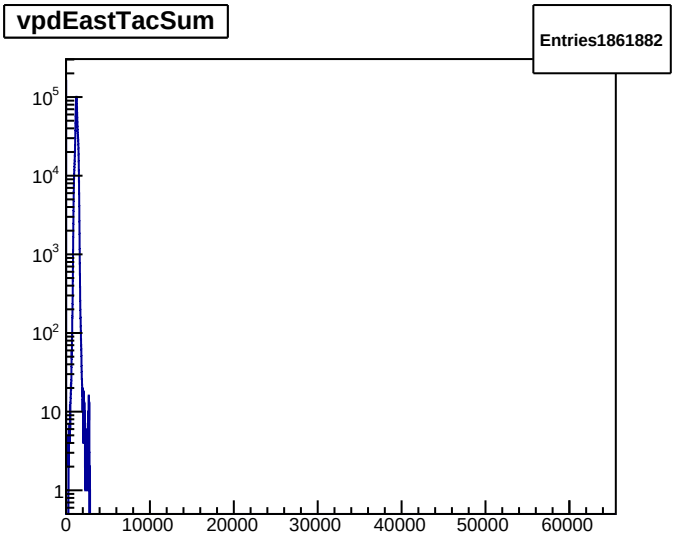

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

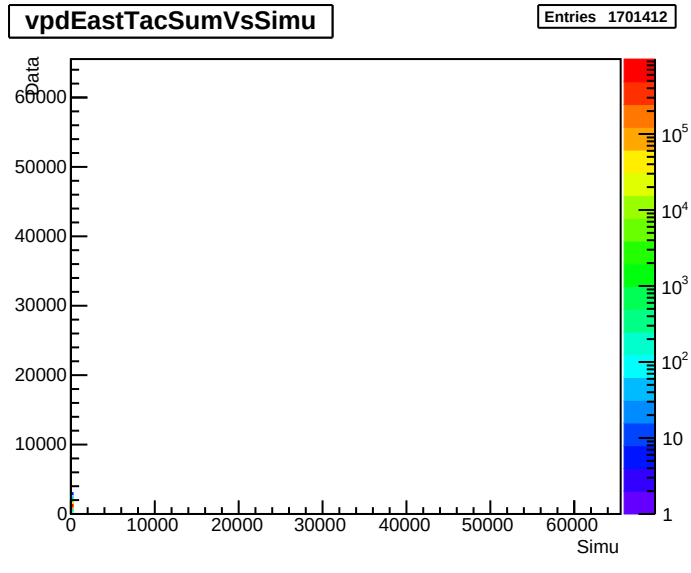

vpdEastAdcSum
Entries1861882

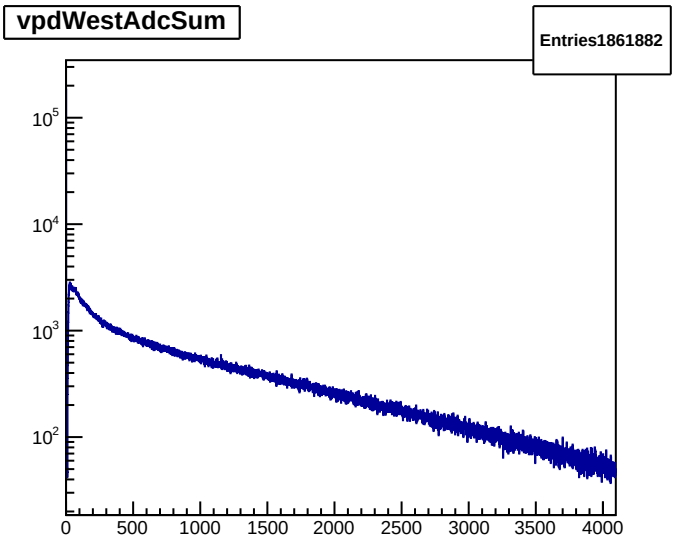

vpdEastAdcSumVsSimu
Entries 1701319
Data
Simu

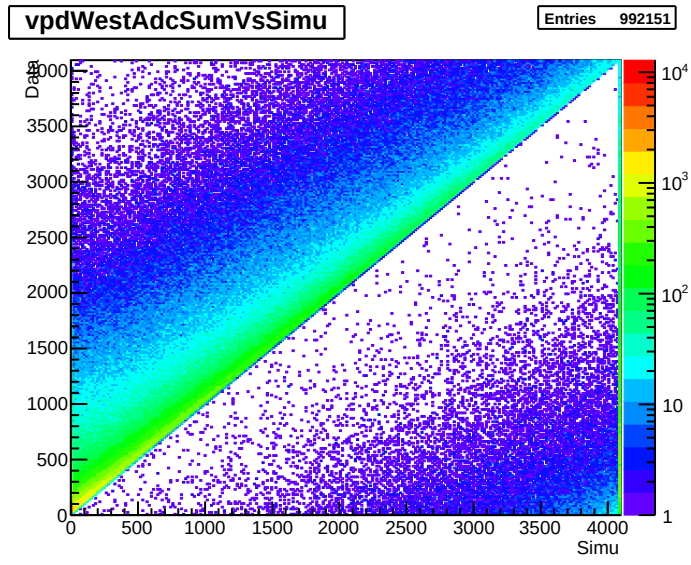

vpdEastNHits
Entries1861882

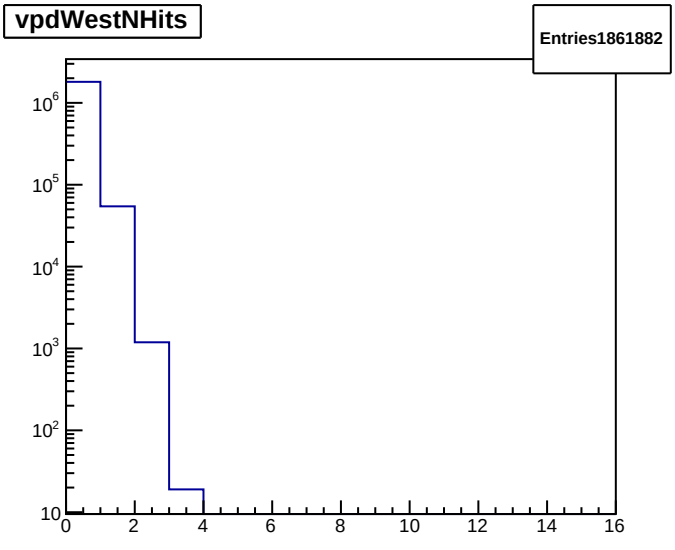

vpdEastNHitsVsSimu
Entries 114307

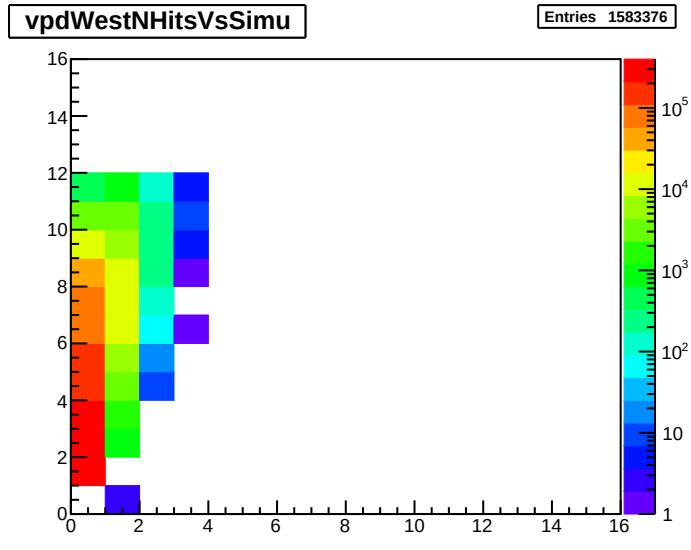

vpdEastTacSum
Entries1861882

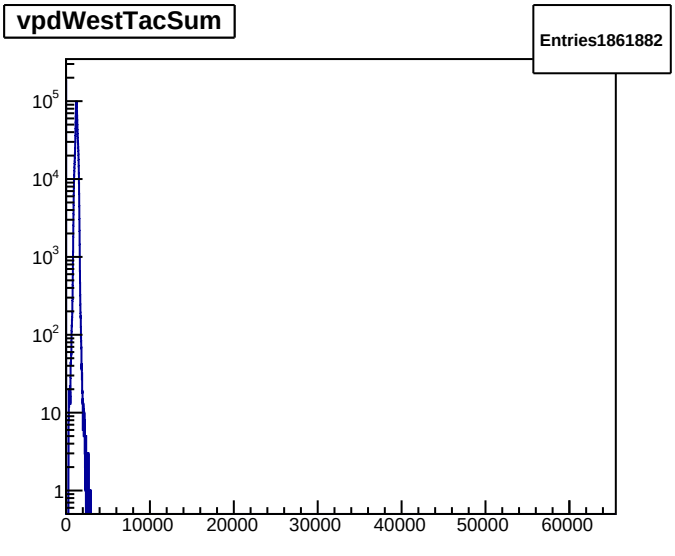

vpdEastTacSumVsSimu
Entries 1701412
Data
Simu

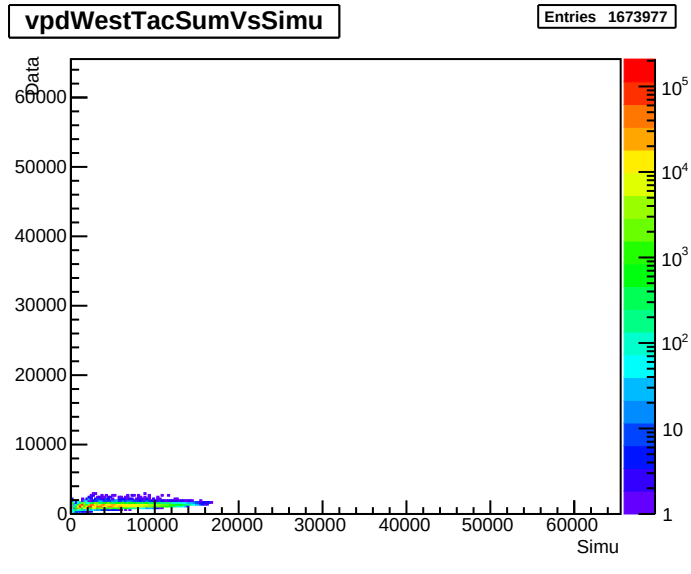

vpdWestAdcSum
Entries1861882

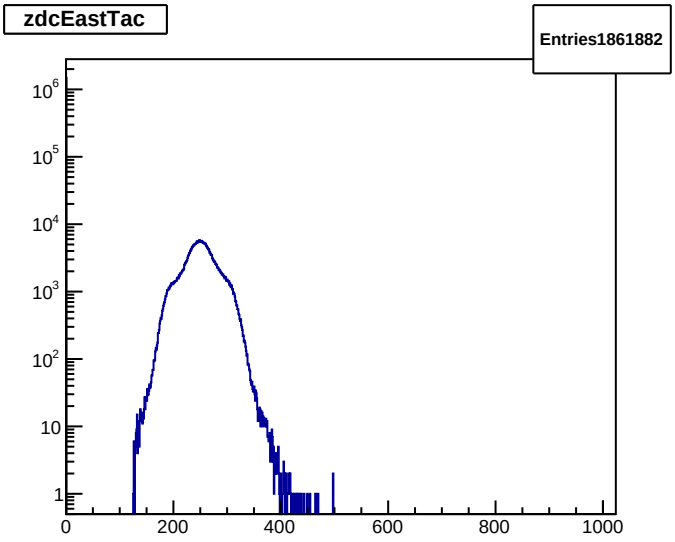

vpdWestAdcSumVsSimu
Entries 992151
Data
Simu

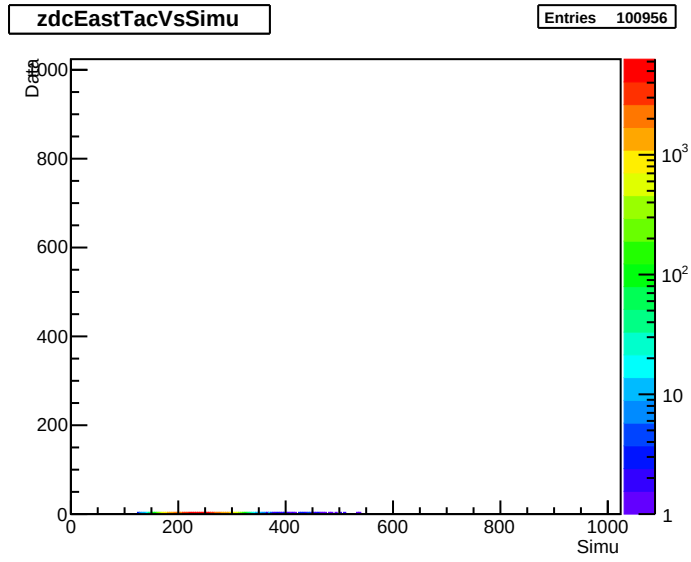

vpdWestNHits
Entries1861882

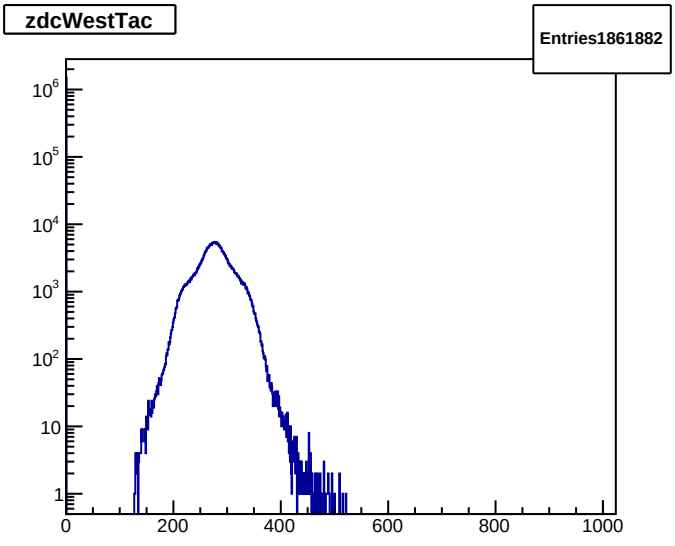

vpdWestNHitsVsSimu
Entries 1583376

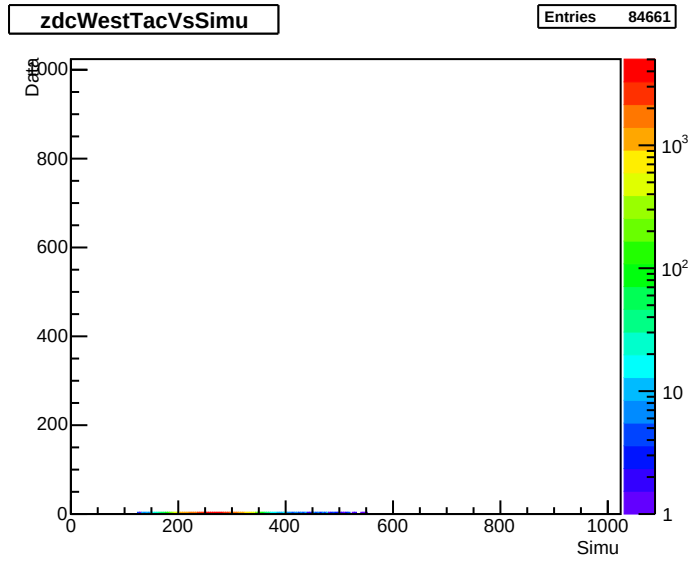

vpdWestTacSum
Entries1861882

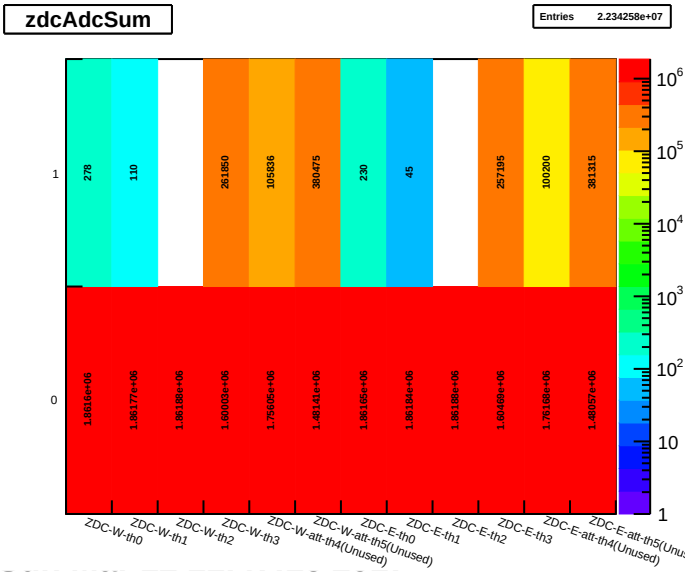

vpdWestTacSumVsSimu
Entries 1673977
Data
Simu

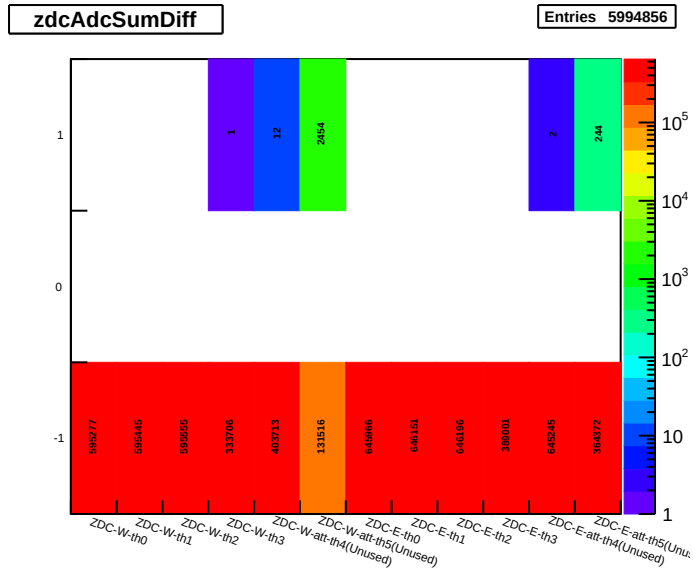

zdcEastTac
Entries1861882

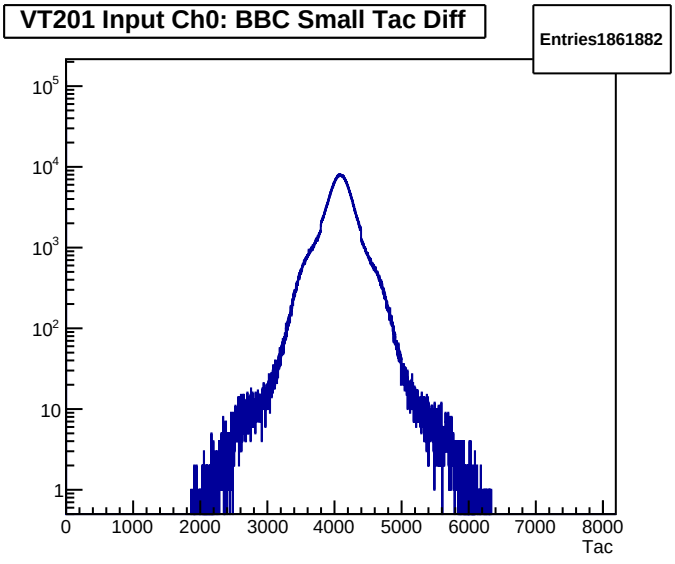

zdcEastTacVsSimu
Entries 100956
Data
Simu

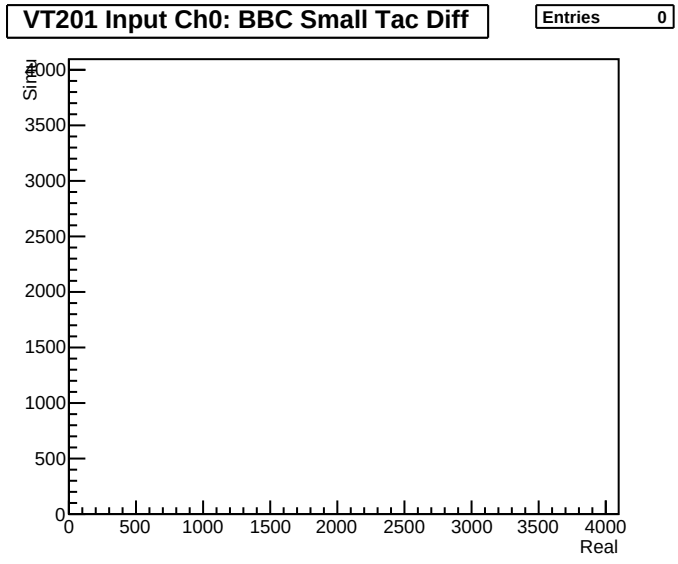

zdcWestTac
Entries1861882

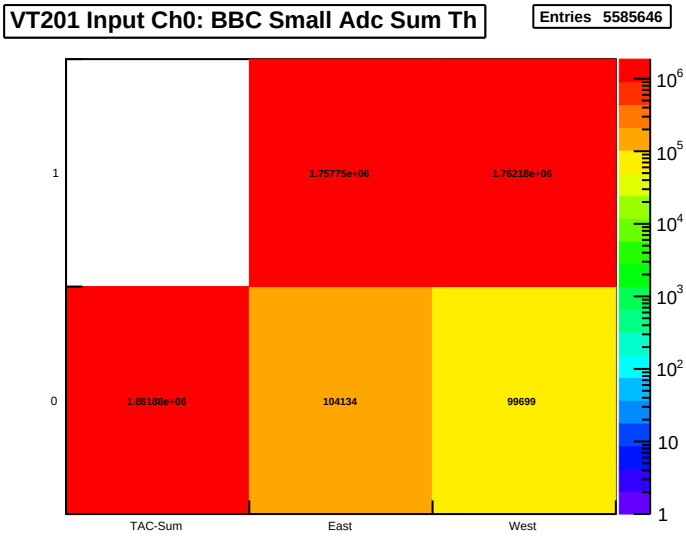

zdcWestTacVsSimu
Entries 84661
Data
Simu

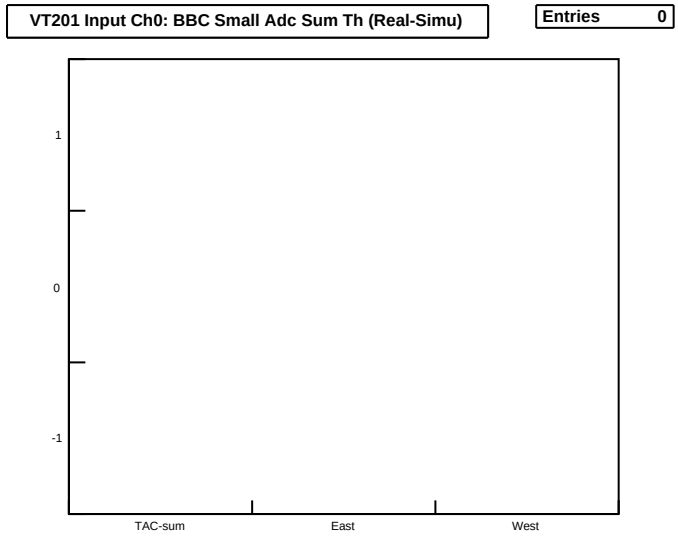

zdcAdcSum
Entries 2.234258e+07
278
110
261850
105836
380475
230
45
257195
100200
381315
1.8616e+06
1.85177e+06
1.86188e+06
1.60003e+06
1.75605e+06
1.49141e+06
1.86165e+06
1.86184e+06
1.85188e+06
1.60460e+06
1.70168e+06
1.48057e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

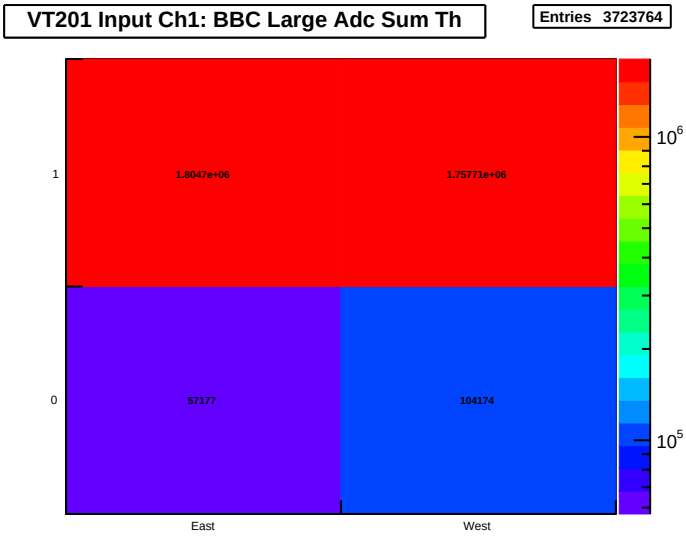

zdcAdcSumDiff
Entries 5994856
1
12
2454
2
244
595277
595445
595555
333706
403713
131516
645966
646151
646196
388001
645245
364372
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

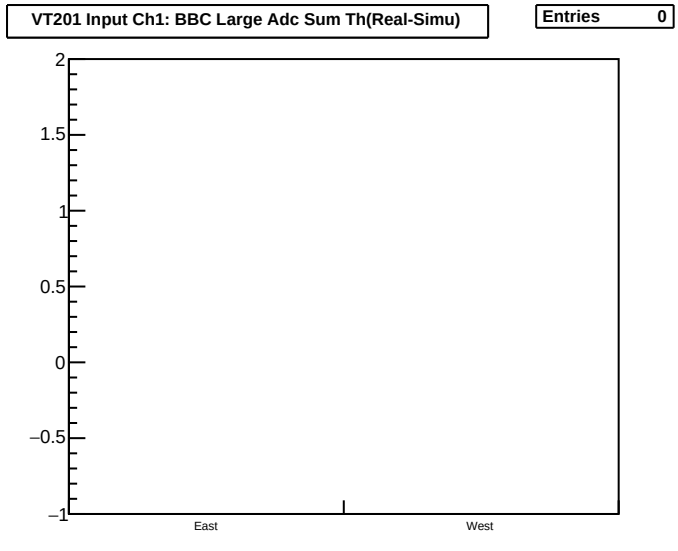

VT201 Input Ch0: BBC Small Tac Diff
Entries1861882
Tac


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

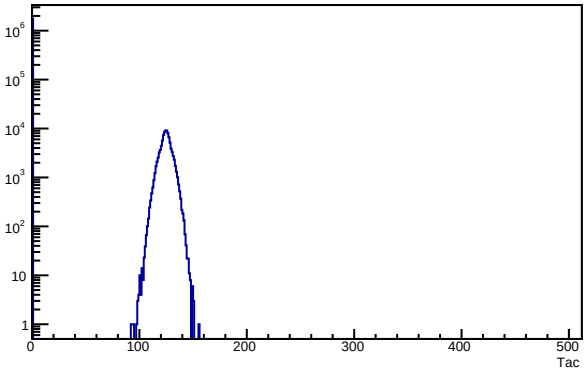

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 5585646
1.75775e+06
1.76218e+06
1.86188e+06
104134
99699
TAC-Sum
East
West


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

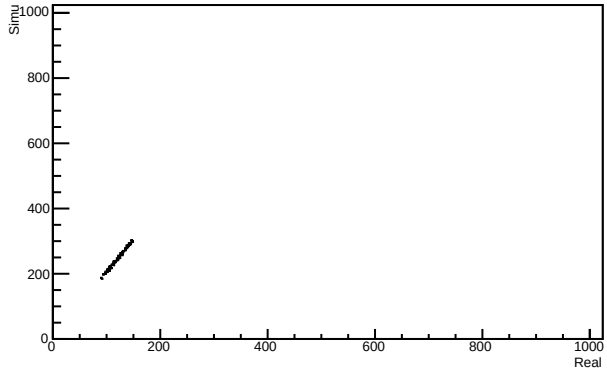

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3723764
1.8047e+06
1.75771e+06
57177
104174
East
West


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

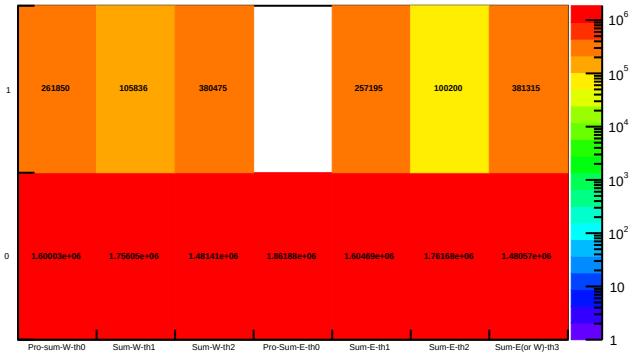
VT201 Input Ch2: ZDC Tac Diff



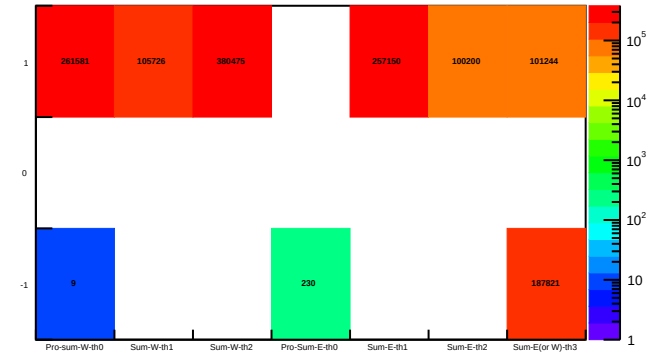
VT201 Input Ch2: ZDC Tac Diff



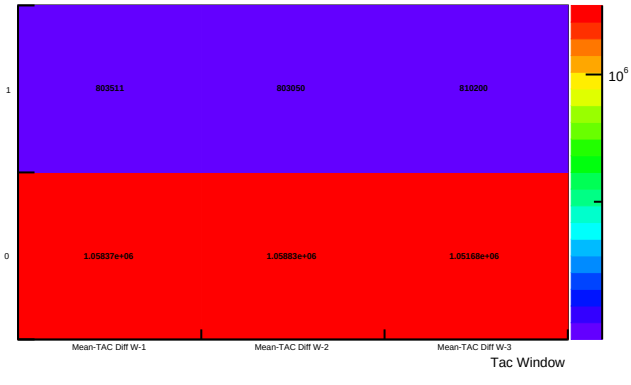
VT201 Input Ch2: ZDC Adc Sum Th



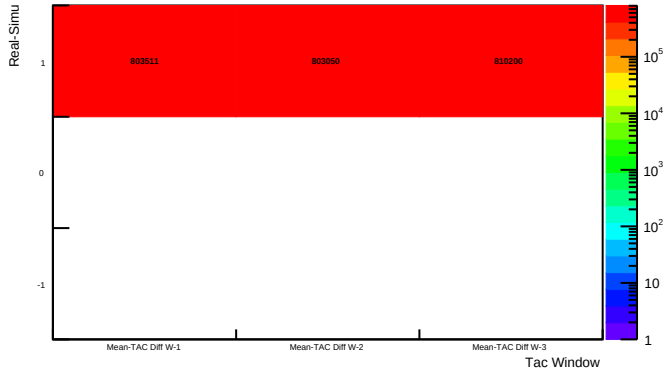
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



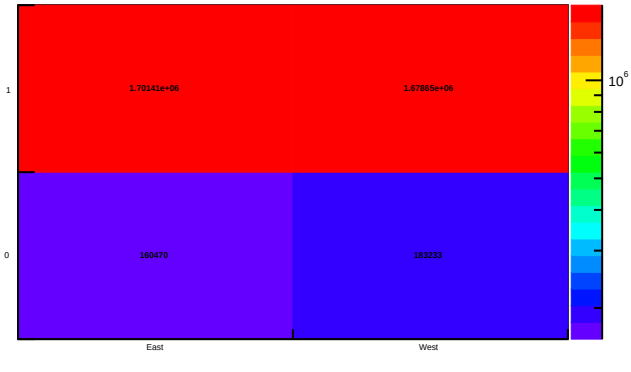
VT201 Input Ch4: VPD Tac Diff



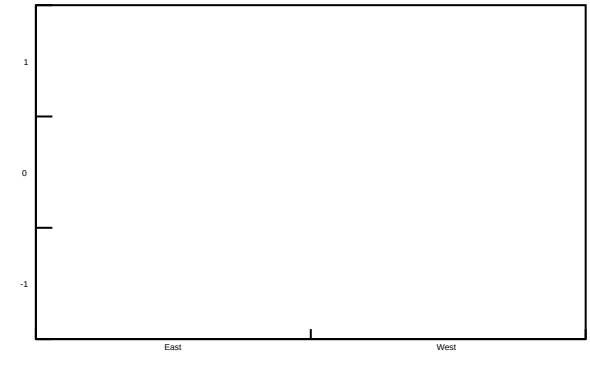
VT201 Input Ch4: VPD Tac Diff

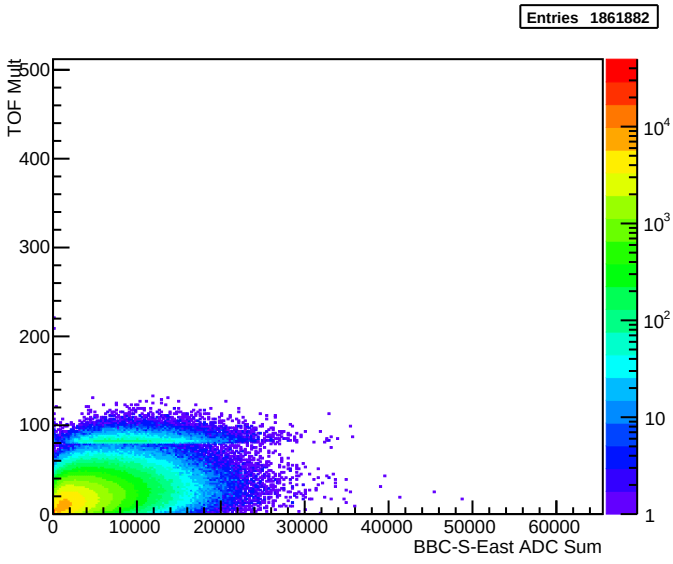


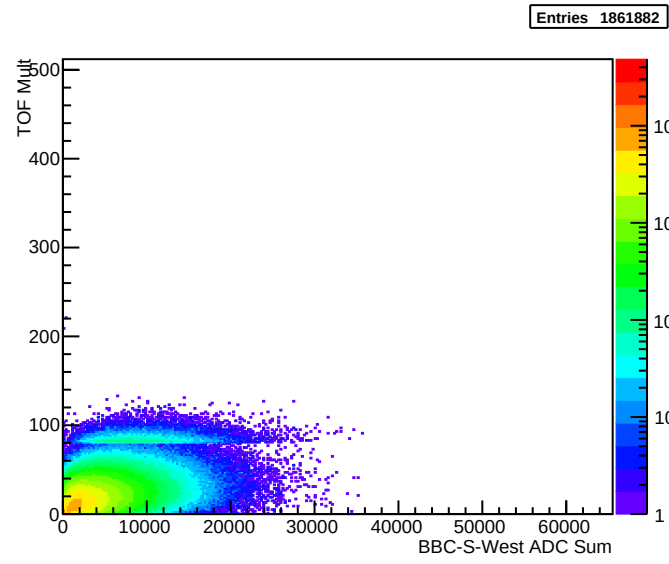
VT201 Input Ch4: VPD Adc Sum Th

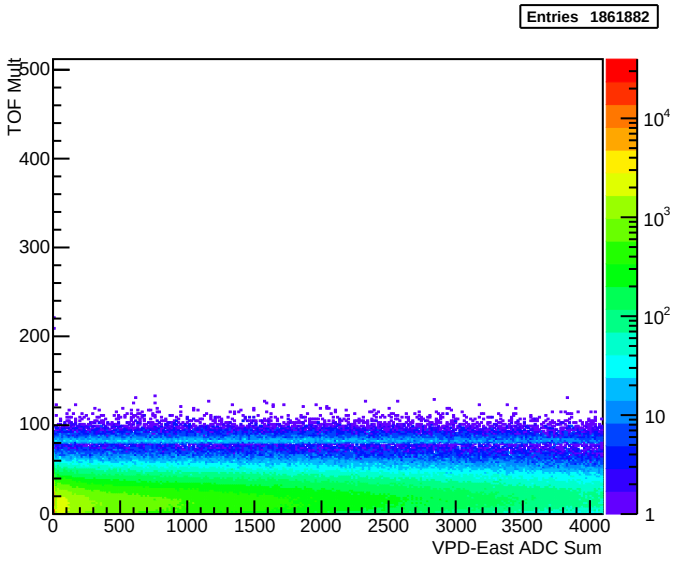


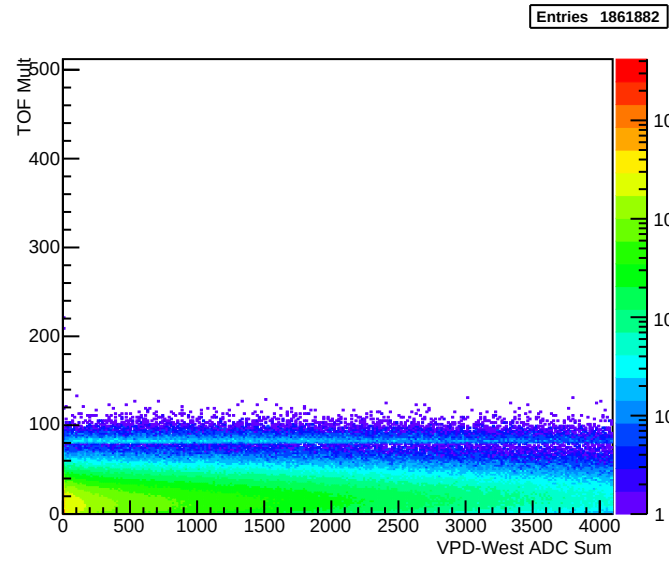
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

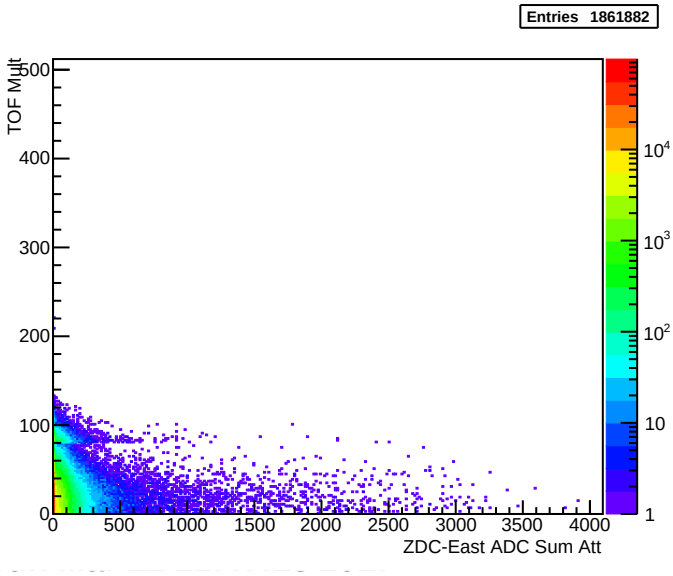


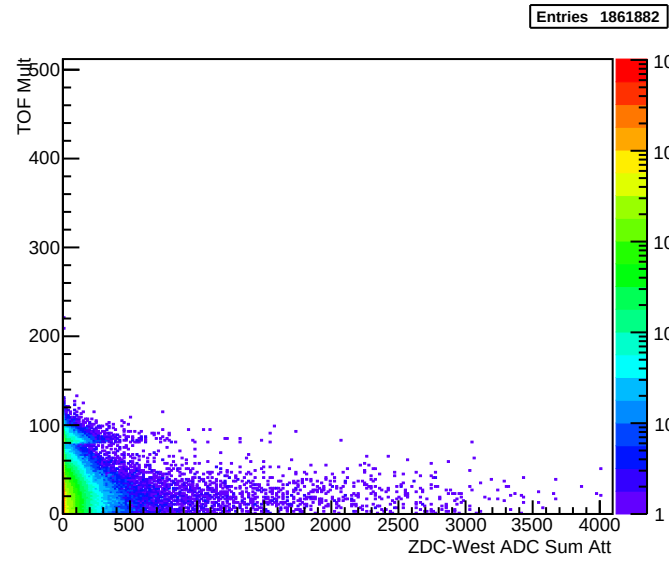

Entries 1861882
TOF Mult
BBC-S-East ADC Sum

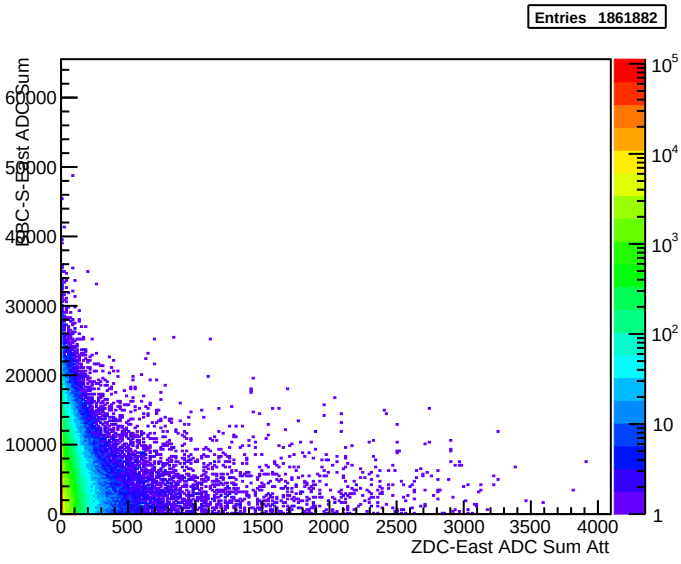

Entries 1861882
TOF Mult
BBC-S-West ADC Sum

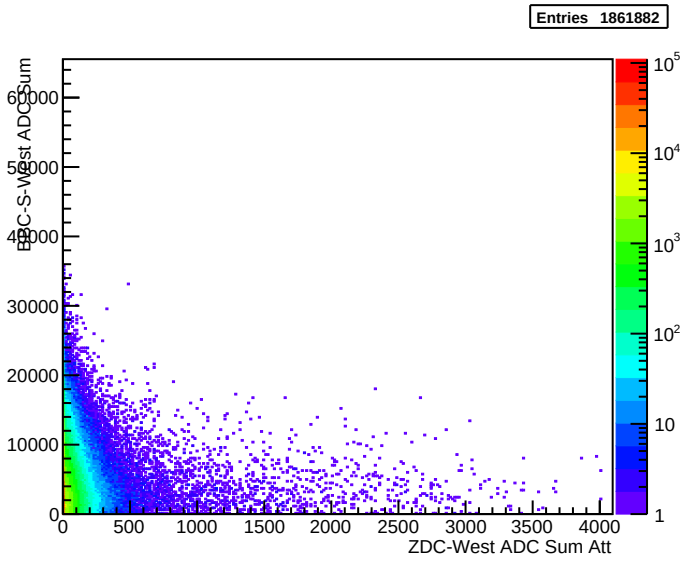

Entries 1861882
TOF Mult
VPD-East ADC Sum

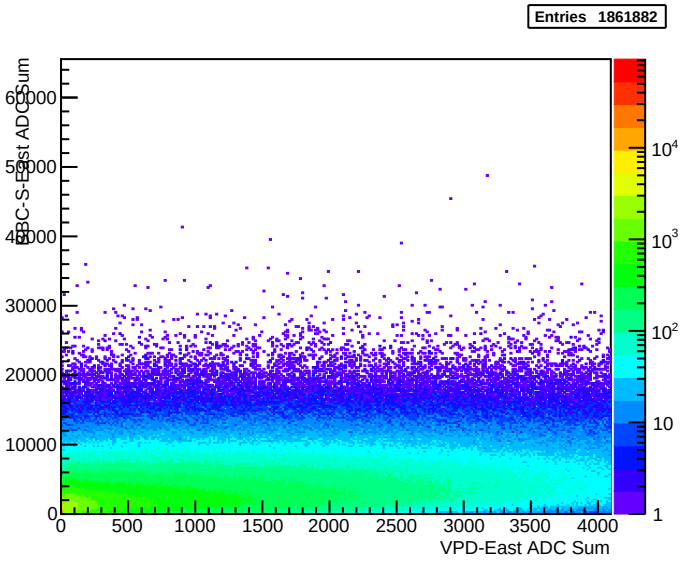

Entries 1861882
TOF Mult
VPD-West ADC Sum

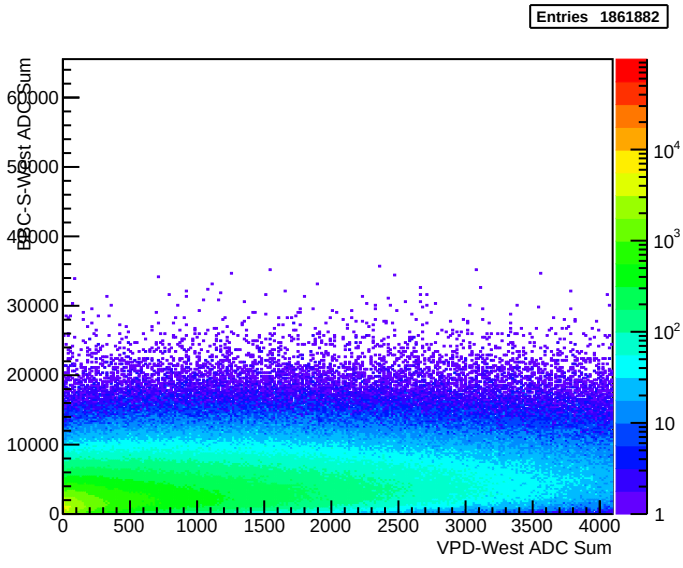

Entries 1861882
TOF Mult
ZDC-East ADC Sum Att

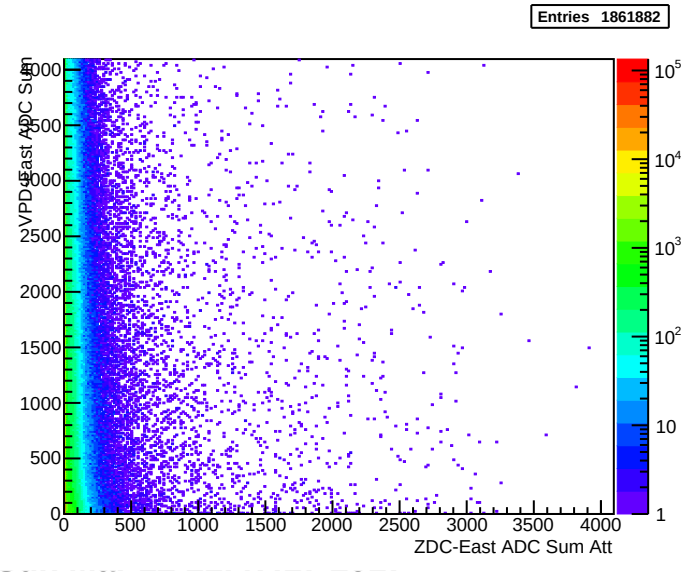

Entries 1861882
TOF Mult
ZDC-West ADC Sum Att

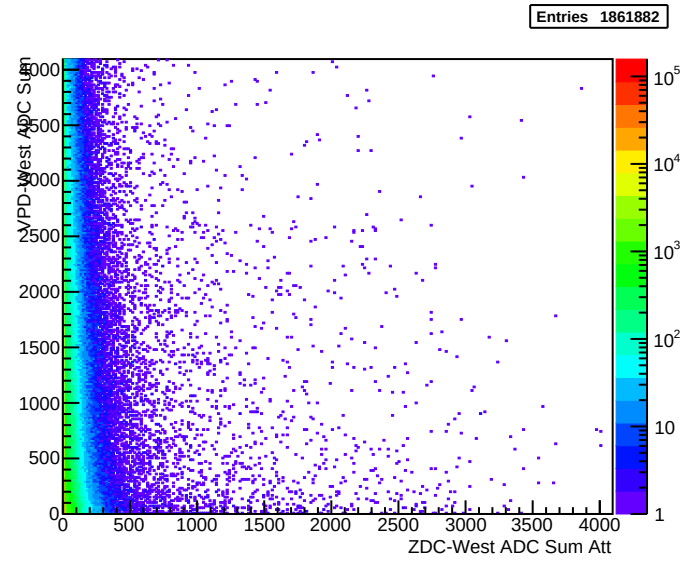

Entries 1861882
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

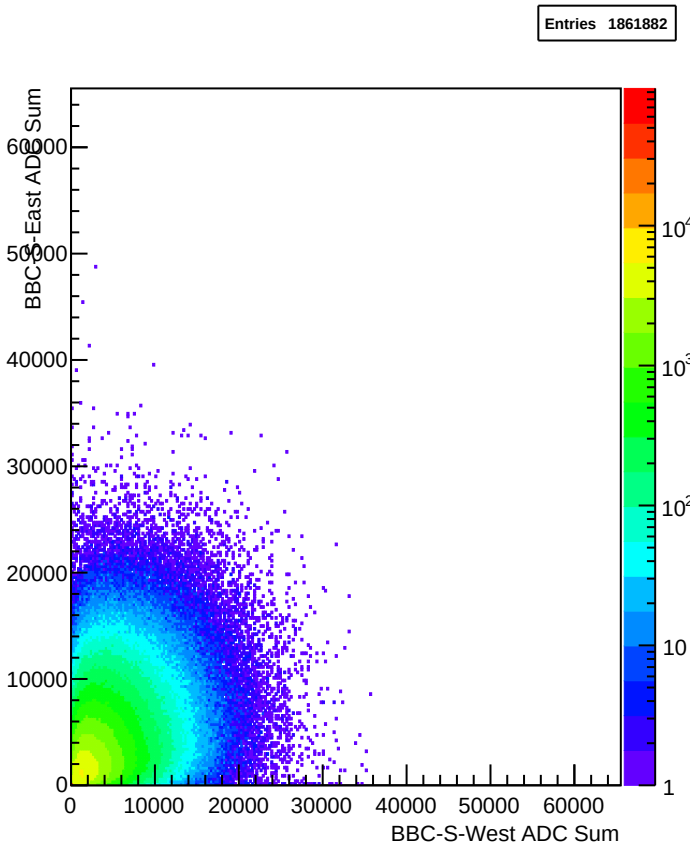

Entries 1861882
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

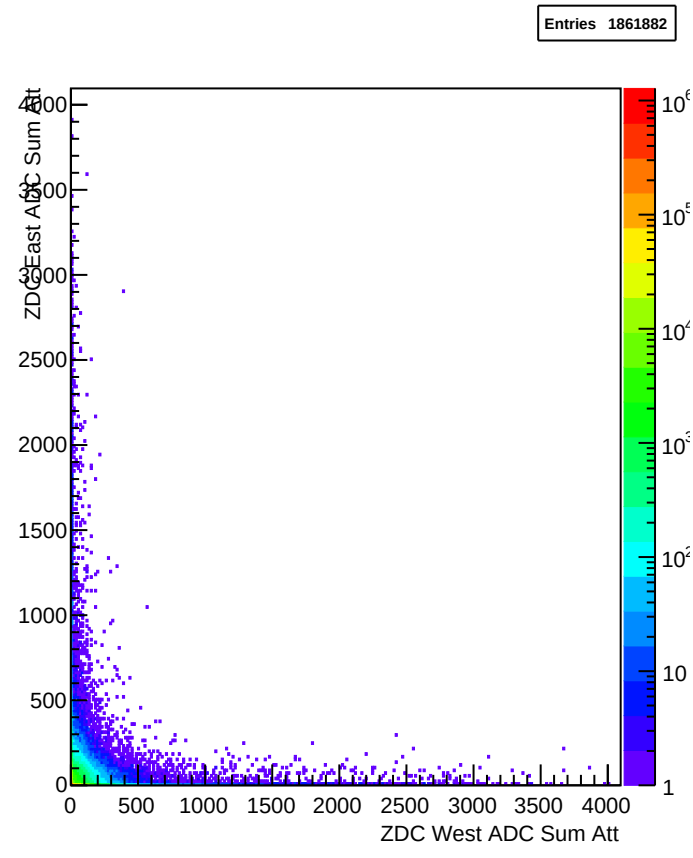

Entries 1861882
BBC-S-East ADC Sum
VPD-East ADC Sum

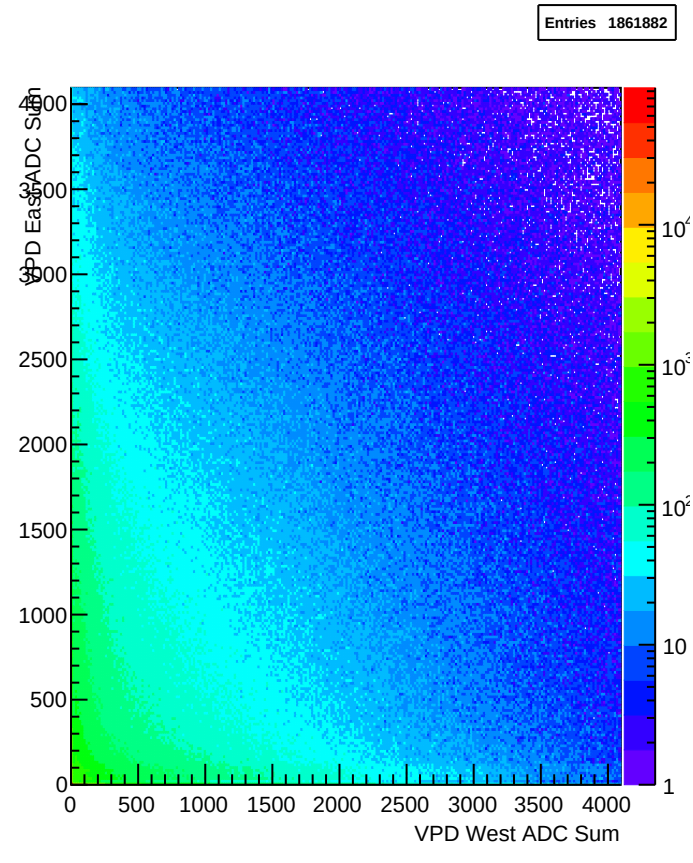

Entries 1861882
BBC-S-West ADC Sum
VPD-West ADC Sum

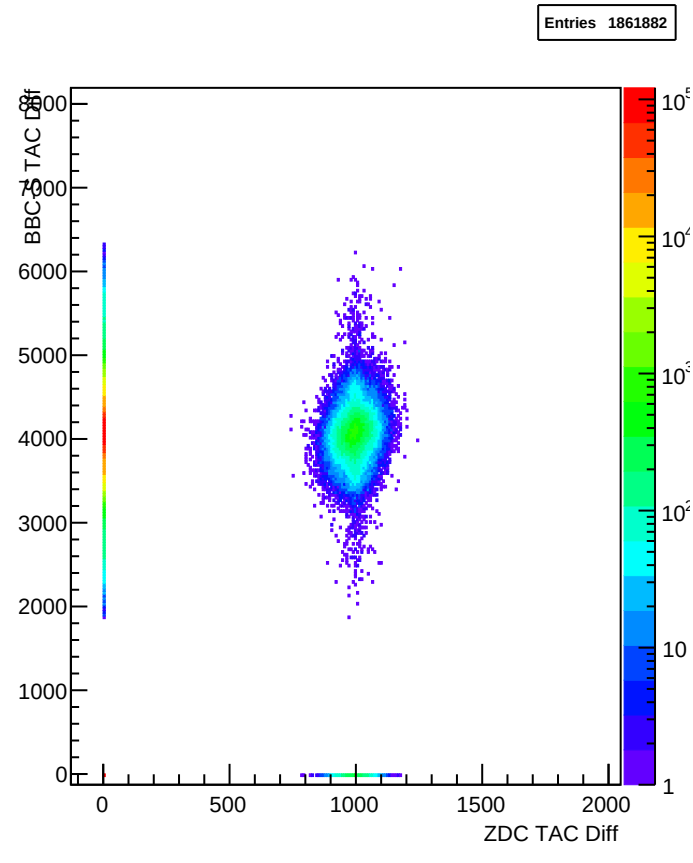

Entries 1861882
VPD-East ADC Sum
ZDC-East ADC Sum Att

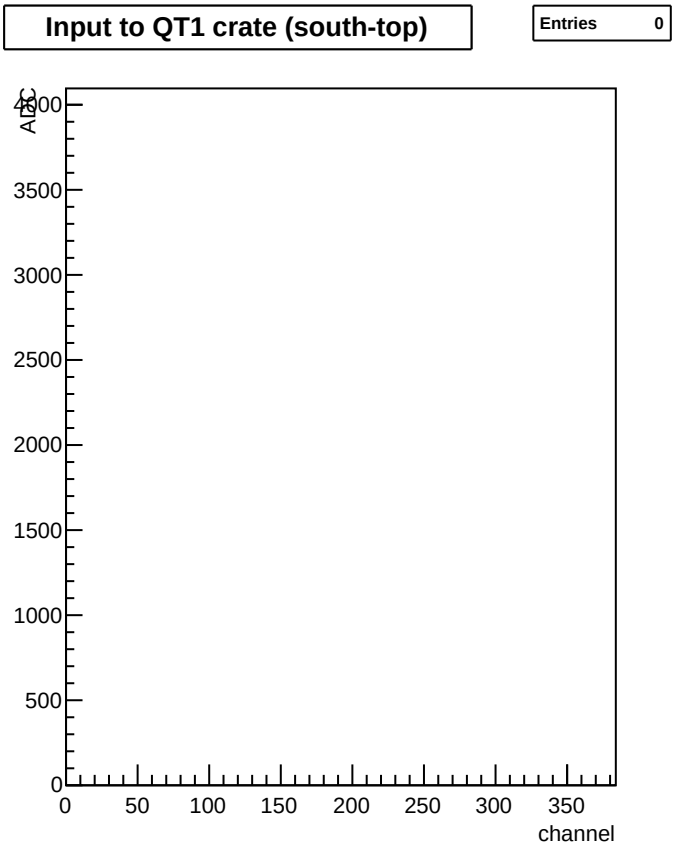

Entries 1861882
VPD-West ADC Sum
ZDC-West ADC Sum Att

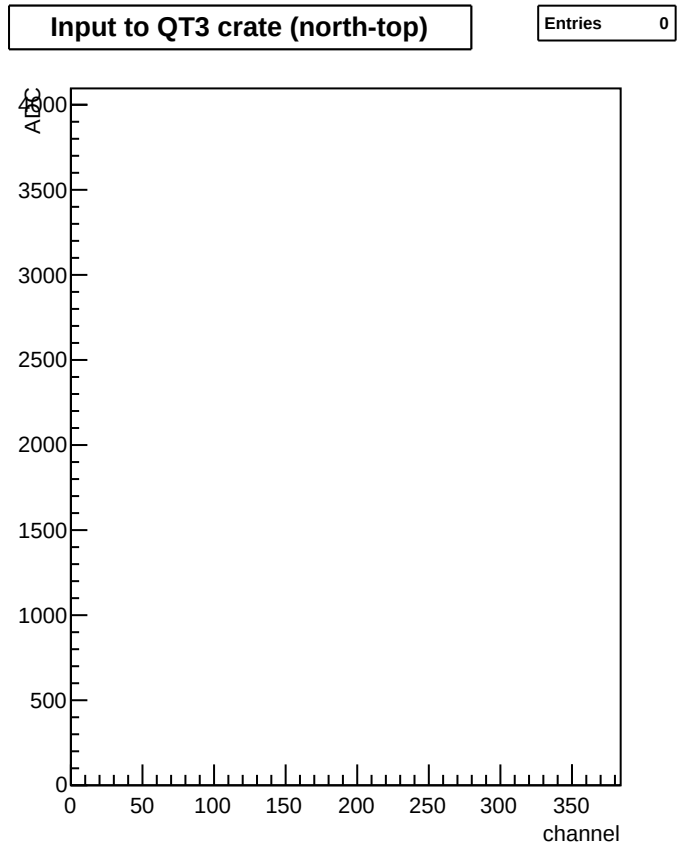

Entries 1861882
BBC-S-East ADC Sum
BBC-S-West ADC Sum

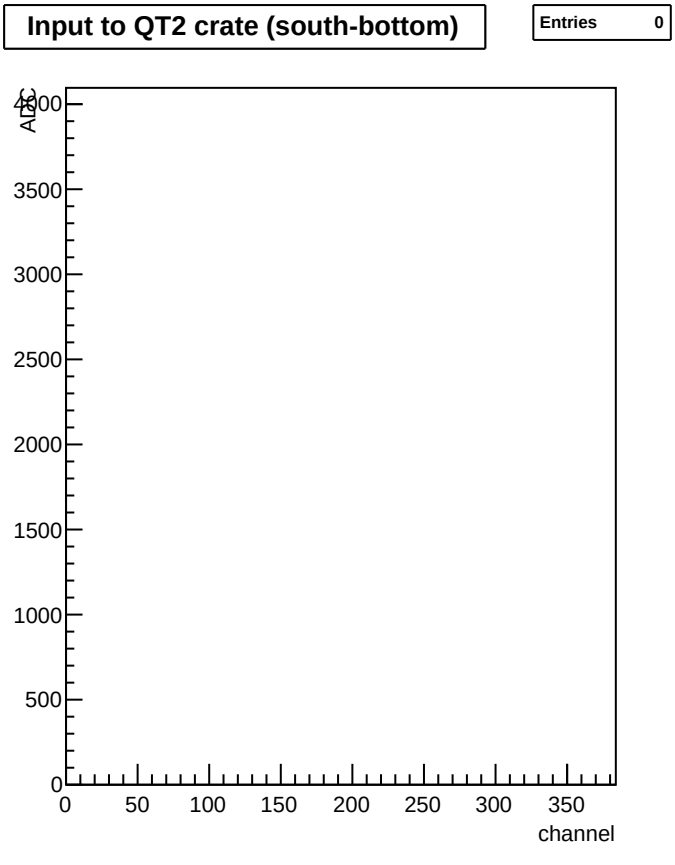

Entries 1861882
ZDC East ADC Sum Att
ZDC West ADC Sum Att

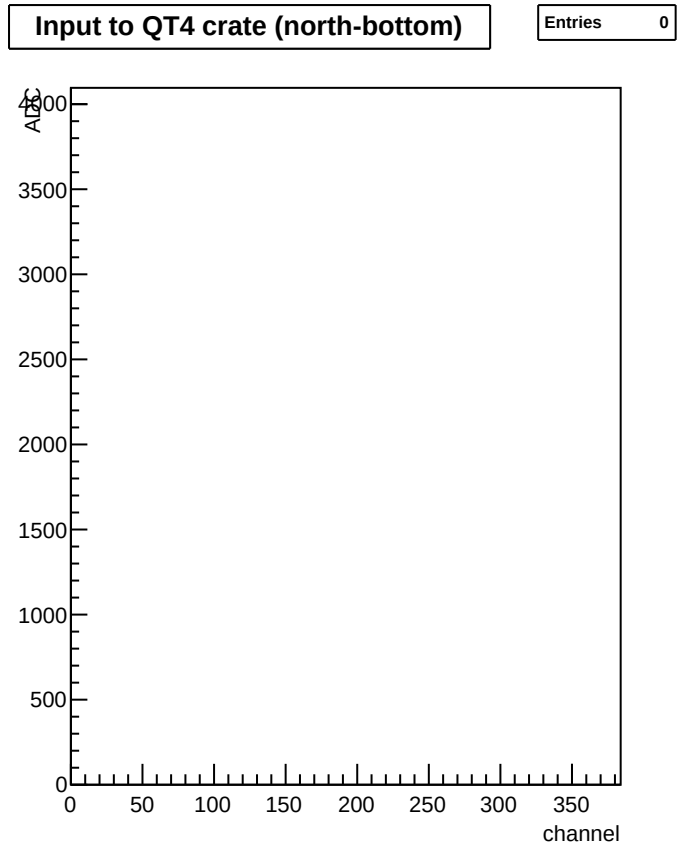

Entries 1861882
VPD East ADC Sum
VPD West ADC Sum

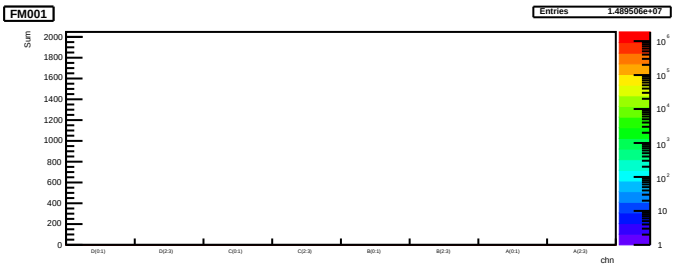

Entries 1861882
BBC-S TAC Diff
ZDC TAC Diff

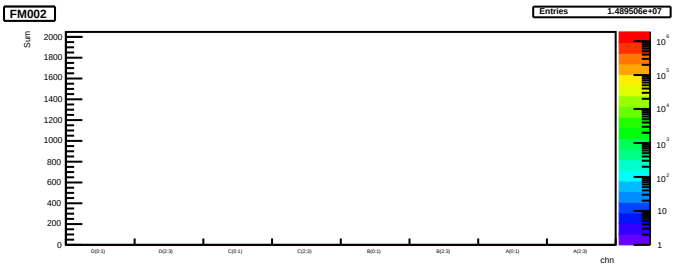

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

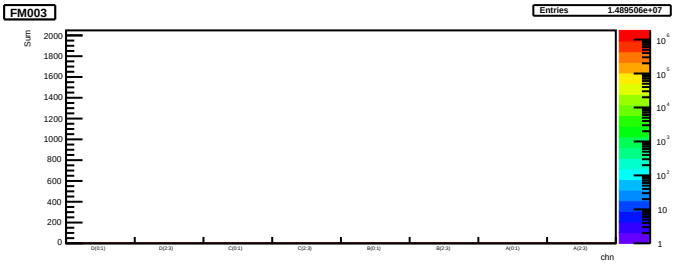

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

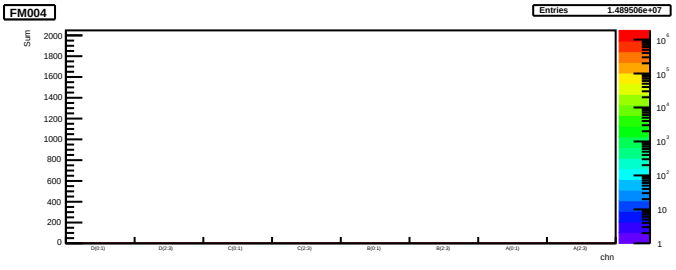

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

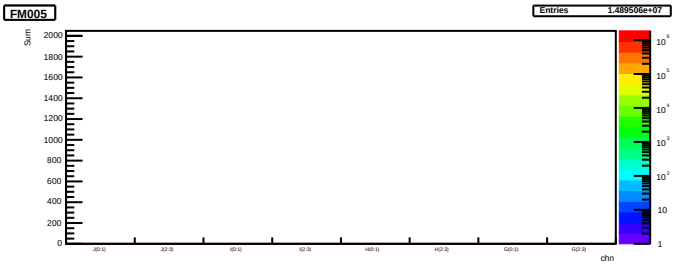

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

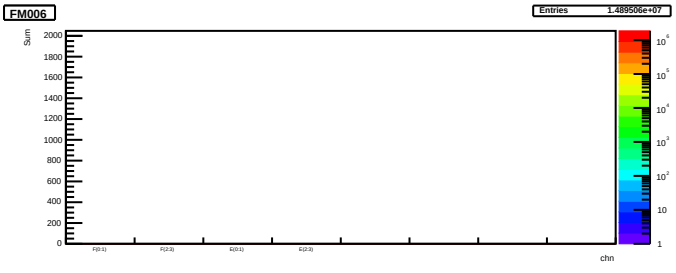

FM001
Entries 1.489506e+07
Sum
chn

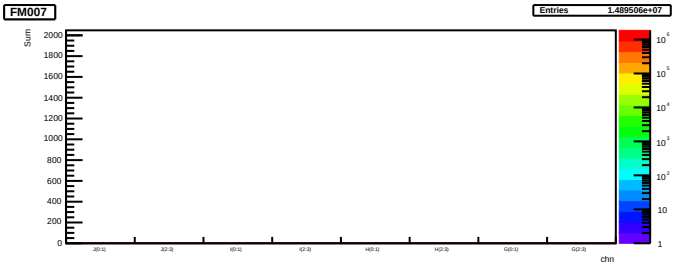

FM002
Entries 1.489506e+07
Sum
chn

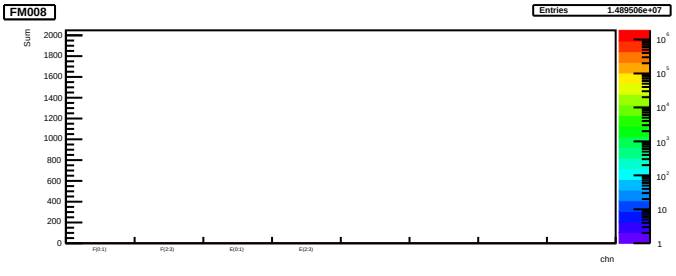

FM003
Entries 1.489506e+07
Sum
chn

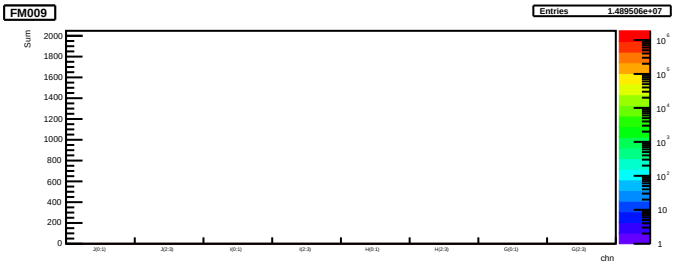

FM004
Entries 1.489506e+07
Sum
chn

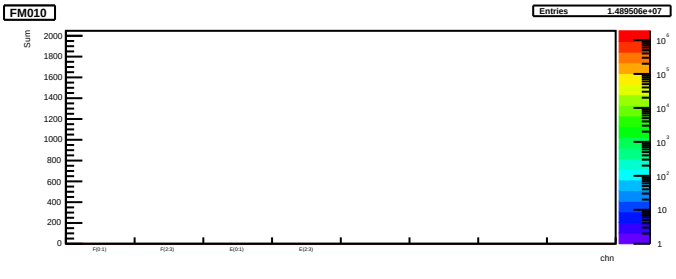

FM005
Entries 1.489506e+07
Sum
chn

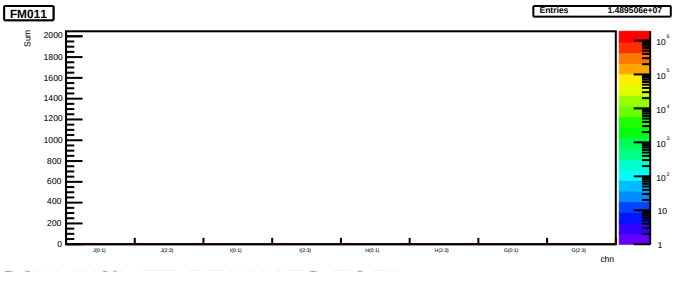

FM006
Entries 1.489506e+07
Sum
chn

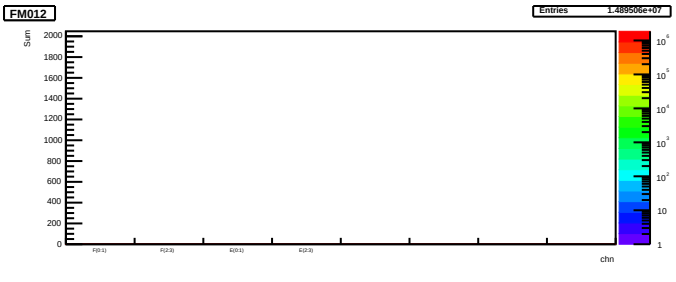

FM007
Entries 1.489506e+07
Sum
chn

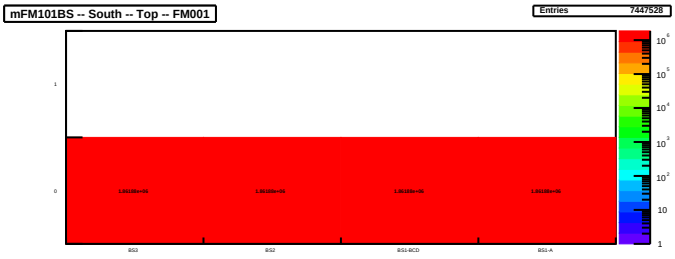

FM008
Entries 1.489506e+07
Sum
chn

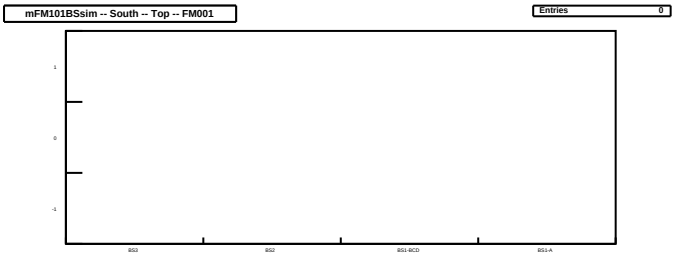

FM009
Entries 1.489506e+07
Sum
chn


FM010
Entries 1.489506e+07
Sum
chn


FM011
Entries 1.489506e+07
Sum
chn


FM012
Entries 1.489506e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 7447528
BS3
BS2
BS1-BCD
BS1-A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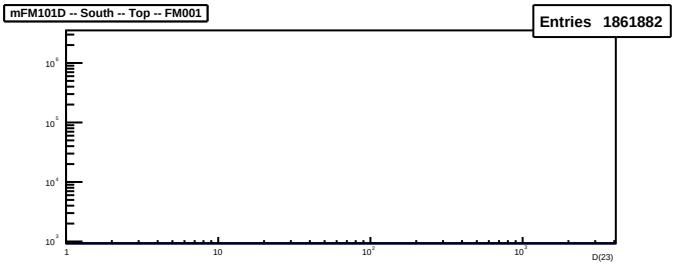
Entries 0
BS3
BS2
BS1-BCD
BS1-A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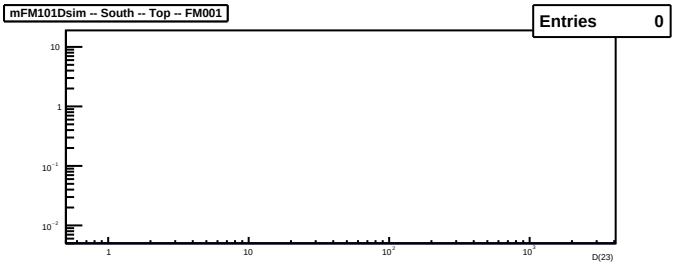
Entries 1861882
D(23)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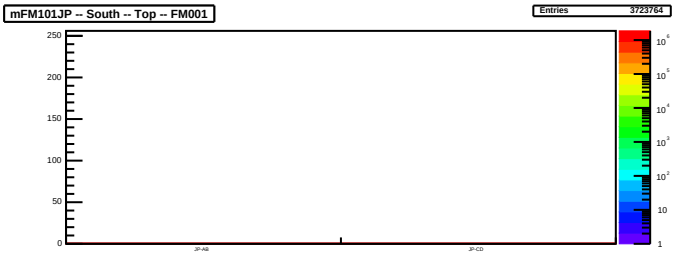
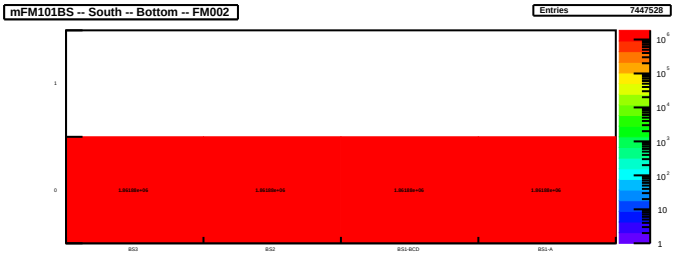
D(23)


mFM101JP -- South -- Top -- FM001
Entries 3723764
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD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Entries 7447528
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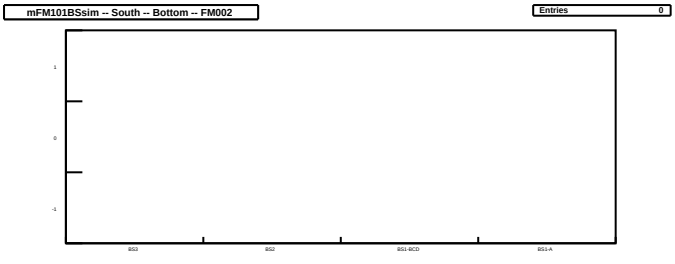
BS2
BS1-BCD
BS1-A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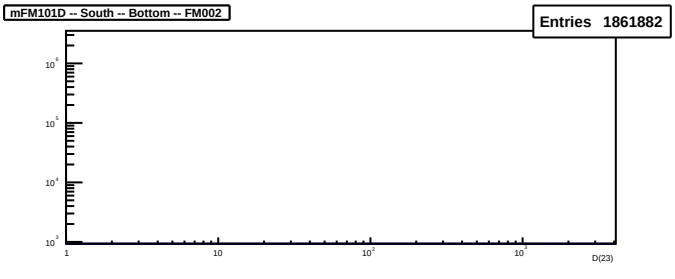
Entries 0
BS3
BS2
BS1-BCD
BS1-A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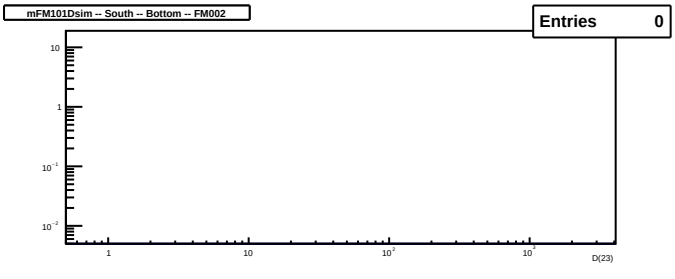
Entries 1861882
D(23)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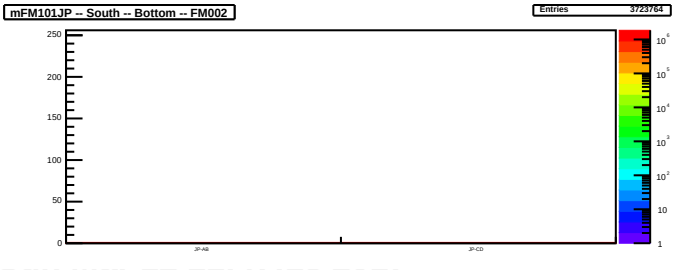
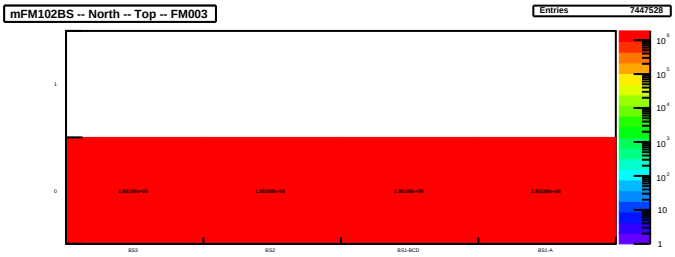
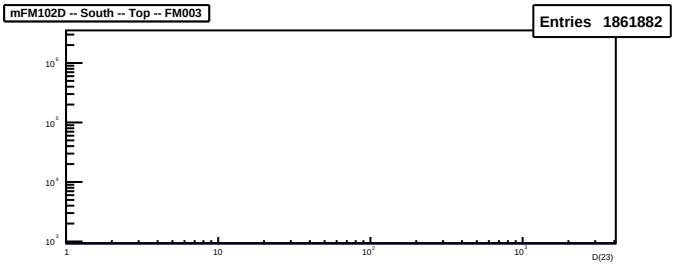
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 3723764
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 7447528
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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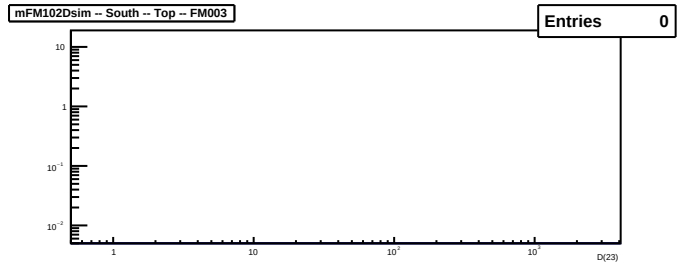
Entries 1861882
D(23)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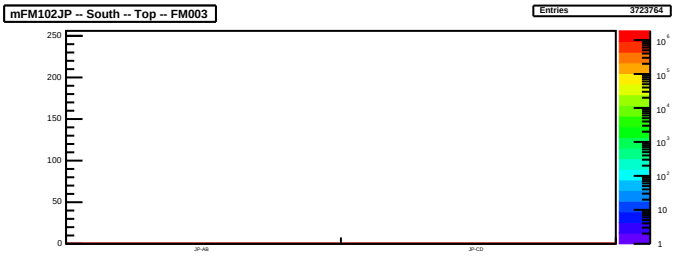
D(23)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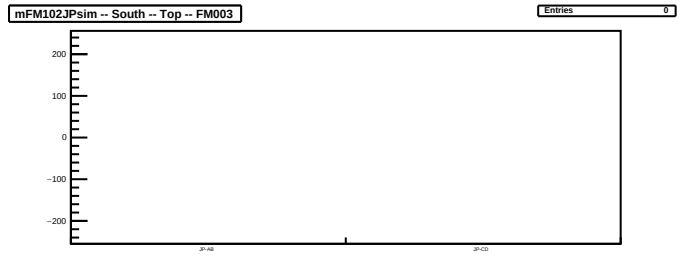
Entries 3723764
JP-AB
JP-CD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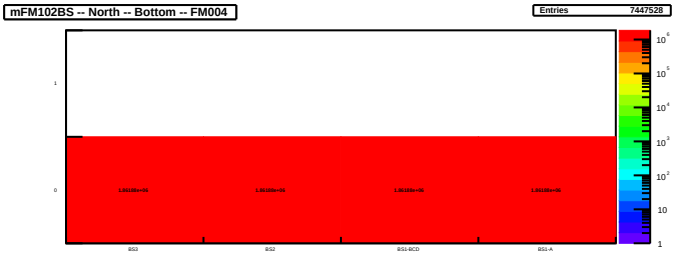
Entries 0
JP-AB
JP-CD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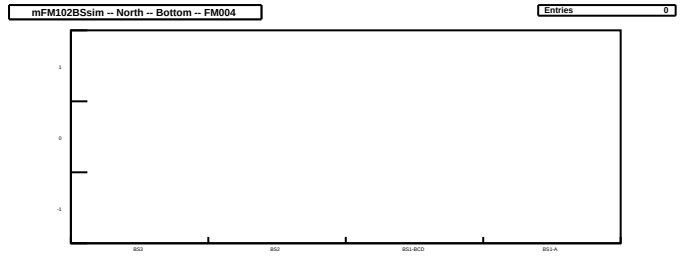
Entries 7447528
BS3
BS2
BS1-BCD
BS1-A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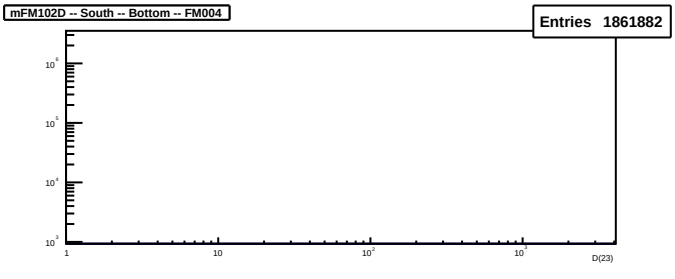
Entries 0
BS3
BS2
BS1-BCD
BS1-A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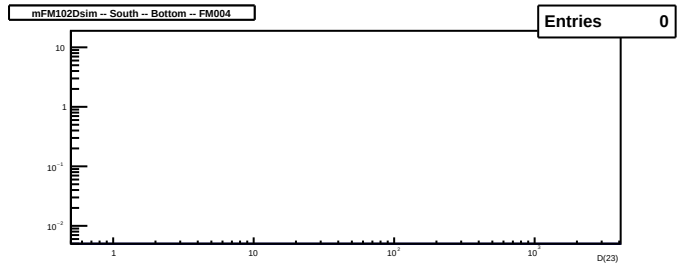
Entries 1861882
D(23)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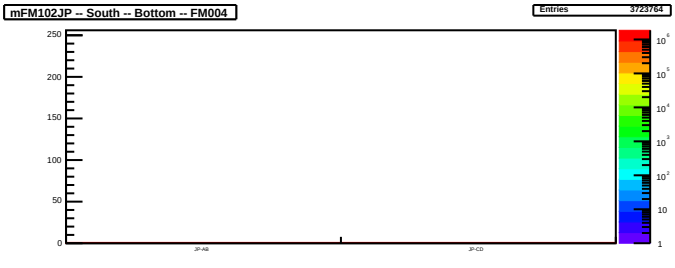
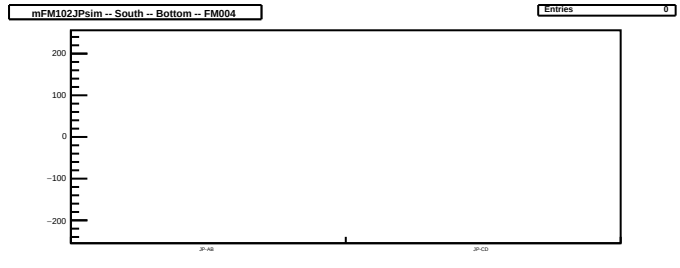
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 3723764
JP-AB
JP-CD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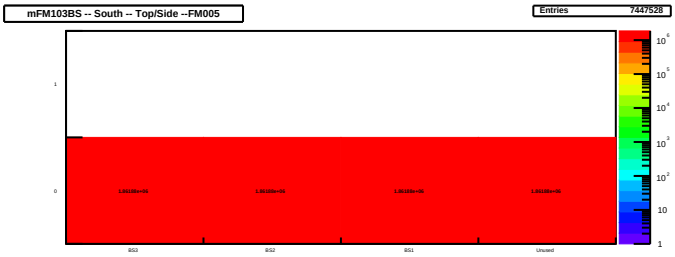
Entries 0
JP-AB
JP-CD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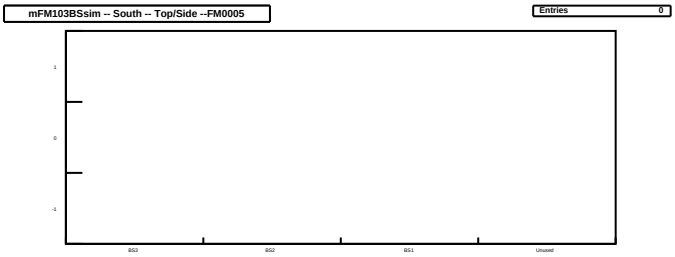
Entries 7447528
BS3
BS2
BS1
Unused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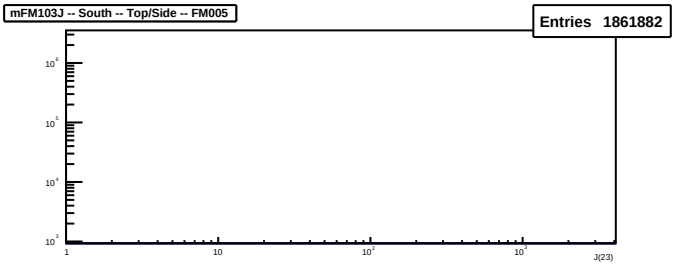
Entries 0
BS3
BS2
BS1
Unused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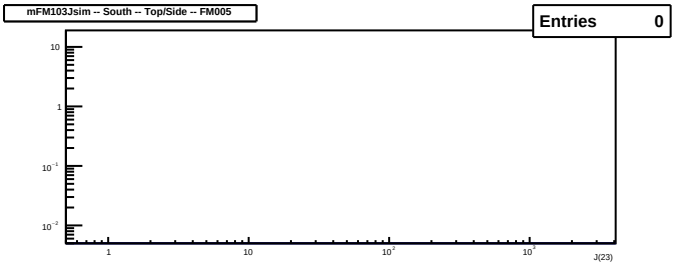
Entries 1861882
J(23)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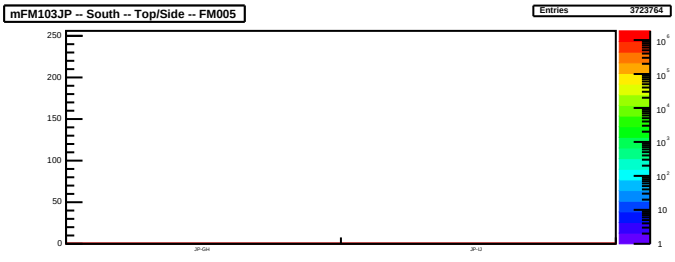
Entries 0
J(23)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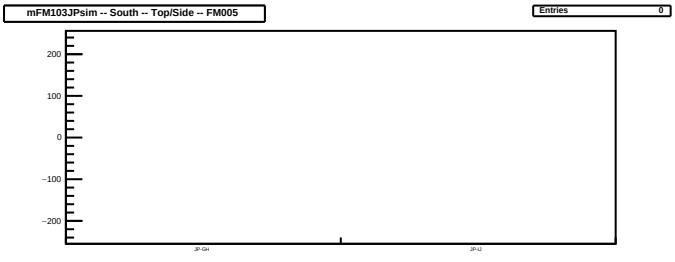
Entries 3723764
JP-GH
JP-U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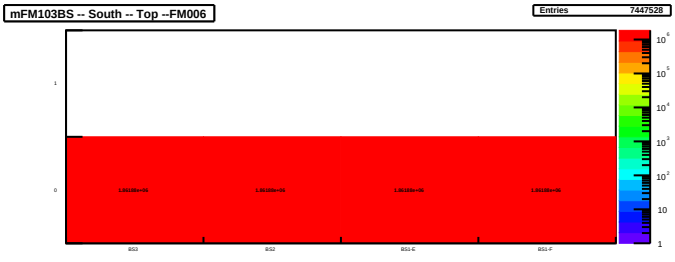
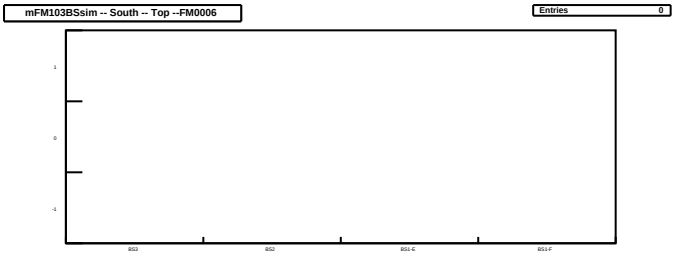
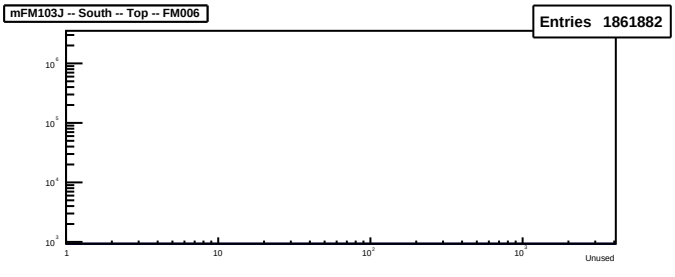
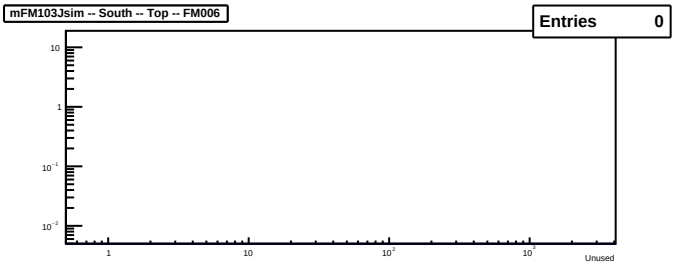
Entries 0
JP-GH
JP-U


mFM103BS -- South -- Top --FM006
Entries 7447528
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 1861882
Unused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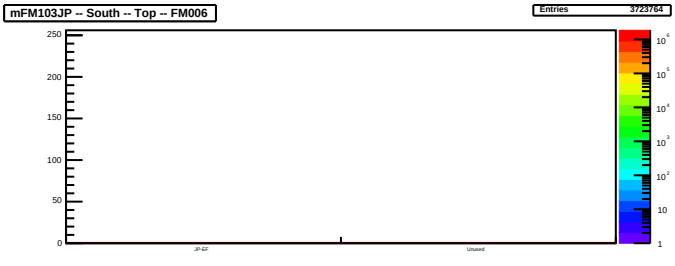
Entries 0
Unused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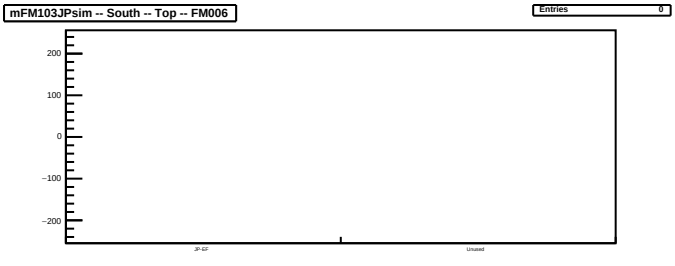
Entries 3723764
JP-EF
Unused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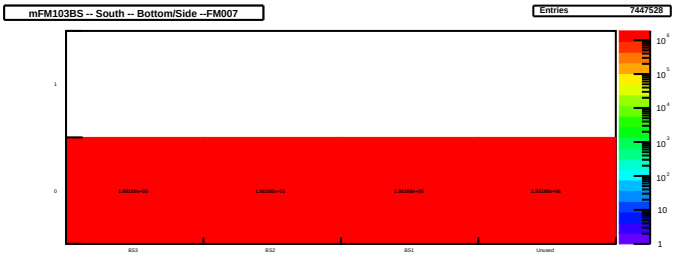
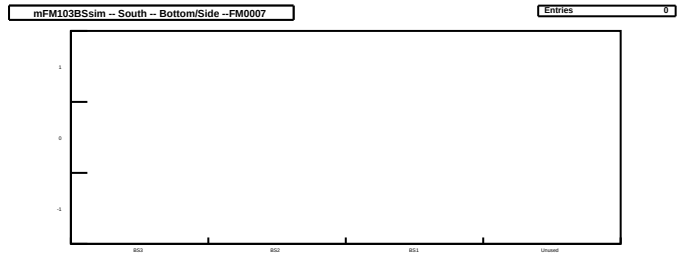
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 7447528
BS3
BS2
BS1
Unused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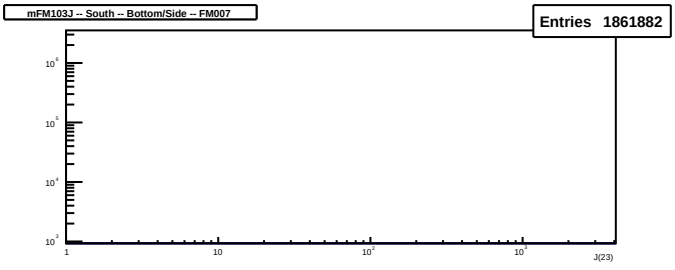
Entries 0
BS3
BS2
BS1
Unused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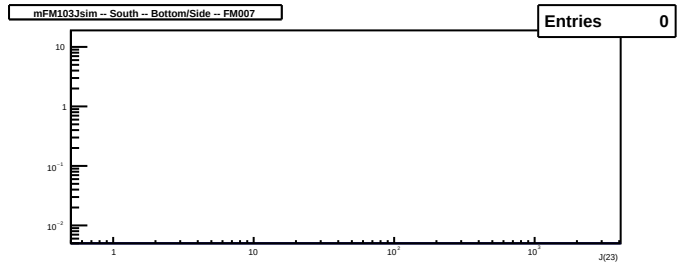
Entries 1861882
J(23)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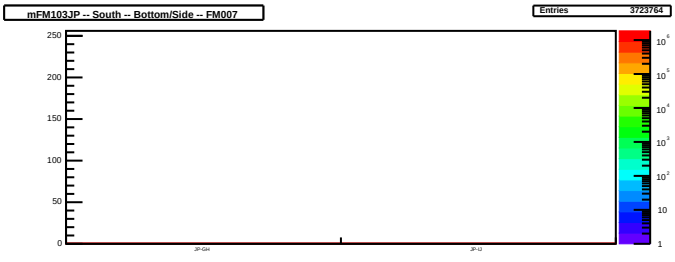
Entries 0
J(23)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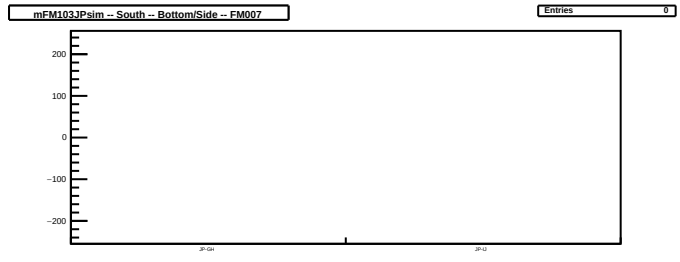
Entries 3723764
JP-GH
JP-IJ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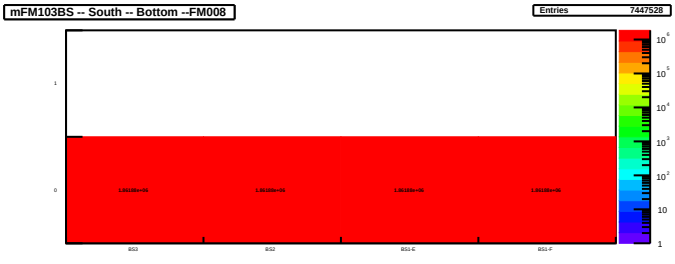
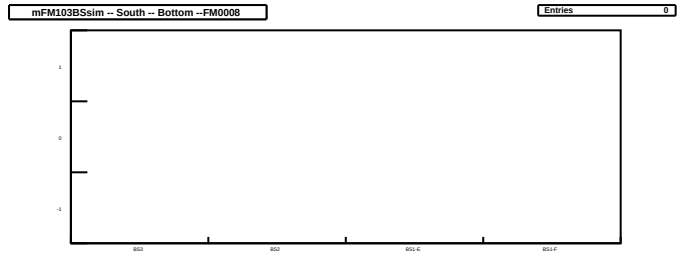
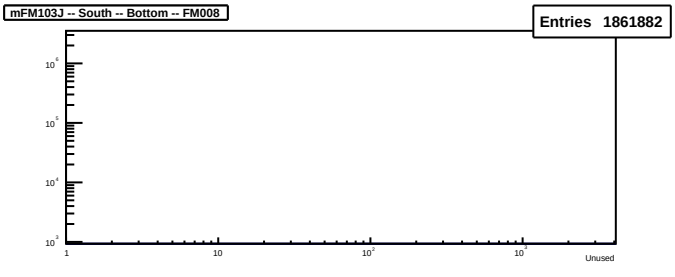
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 7447528
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 1861882
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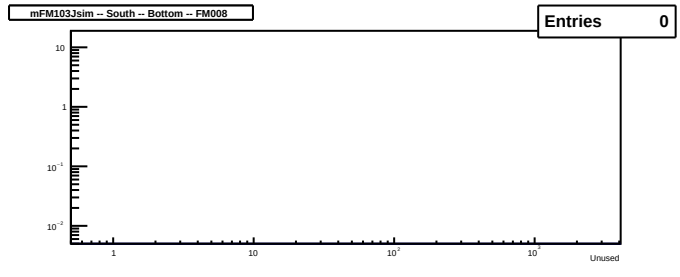
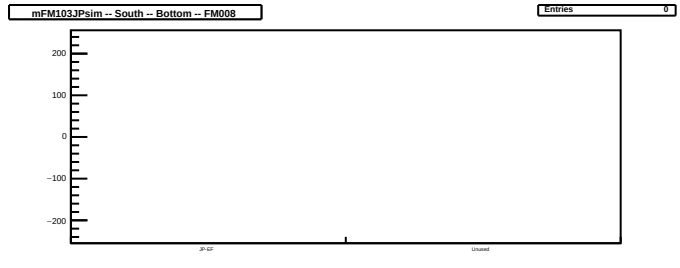

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

mFM103JP -- South -- Bottom -- FM008
Entries 3723764
JP-EF
Unused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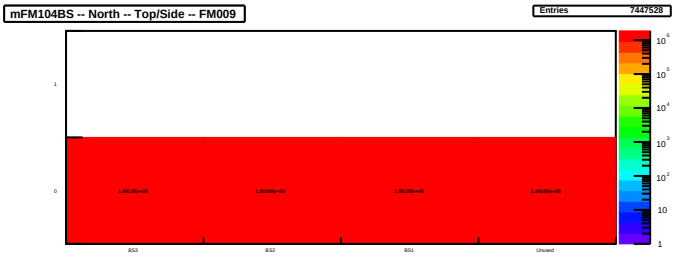
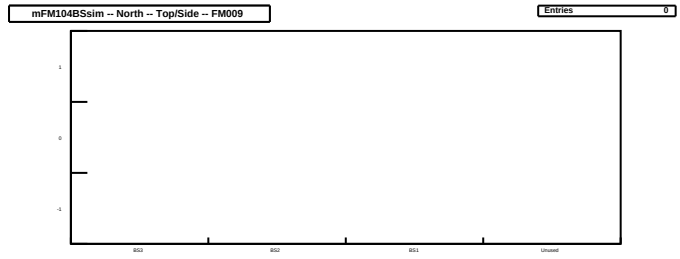
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 7447528
BS3
BS2
BS1
Unused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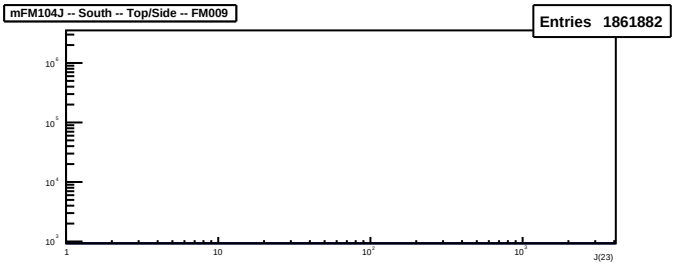
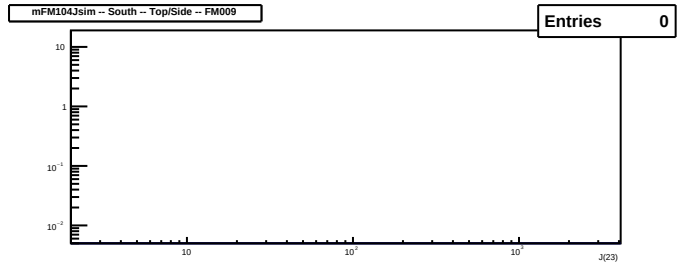
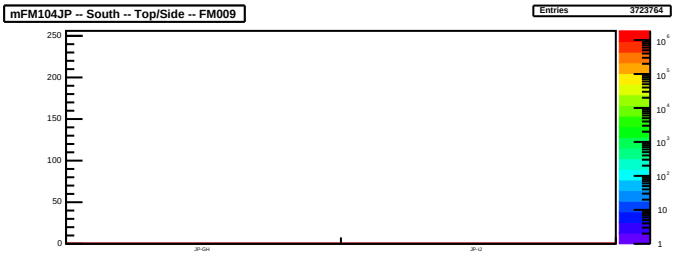
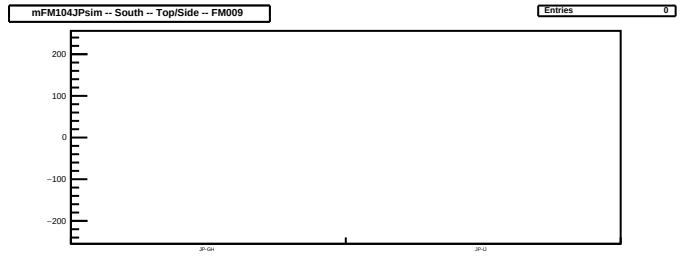
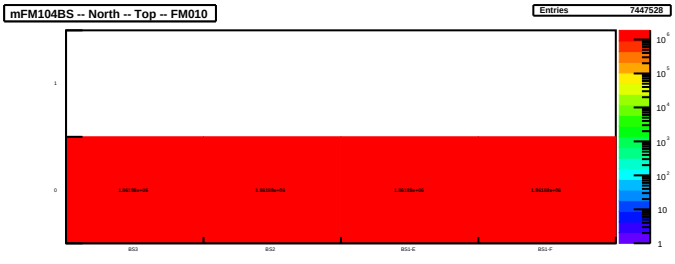
Entries 0
BS3
BS2
BS1
Unused

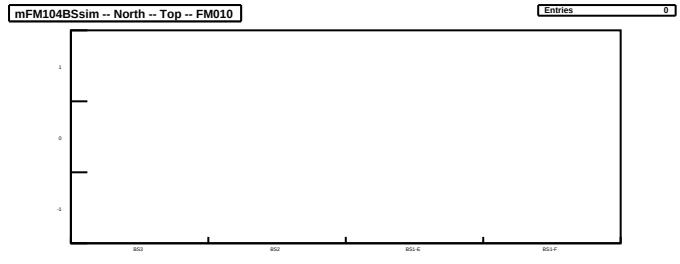

mFM104J -- South -- Top/Side -- FM009
Entries 1861882
J(23)

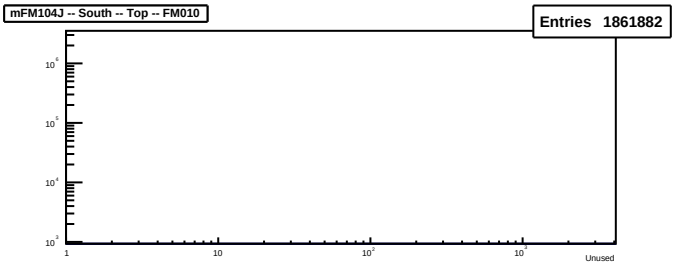

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

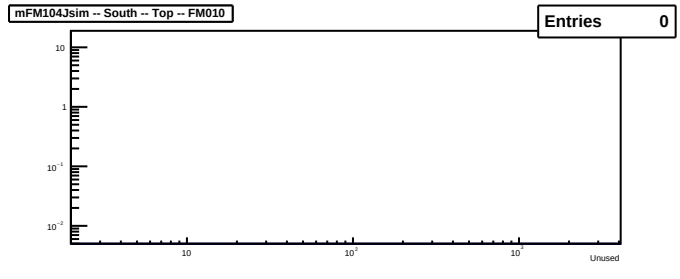

mFM104JP -- South -- Top/Side -- FM009
Entries 3723764
JP-GH
JP-IJ


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

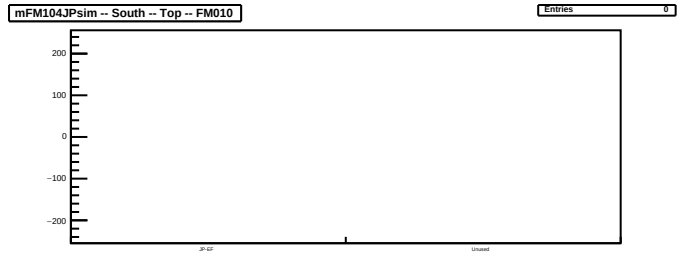

mFM104BS -- North -- Top -- FM010
Entries 7447528
BS3
BS2
BS1-E
BS1-F


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


mFM104J -- South -- Top -- FM010
Entries 1861882
Unused


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

mFM104JP -- South -- Top -- FM010
Entries 3723764
JP-EF
Unused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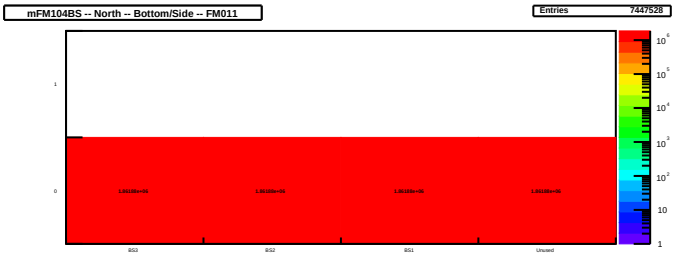
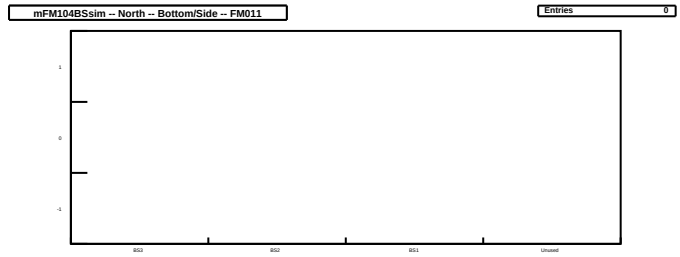
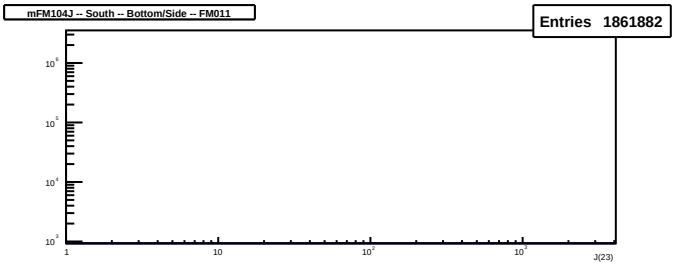
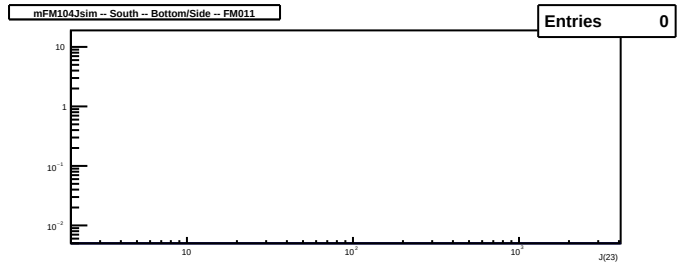
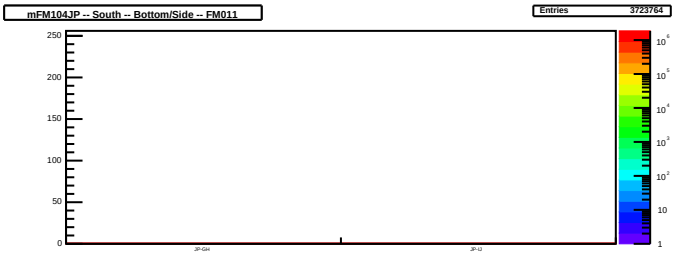
Entries 0
JP-EF
Unused

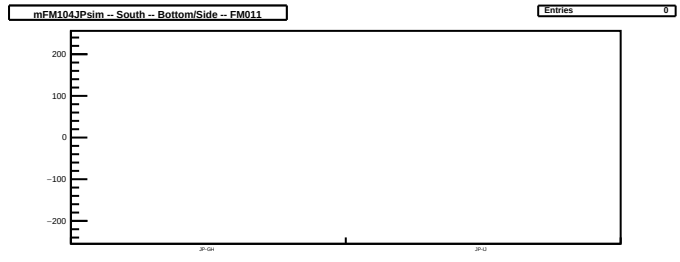

mFM104BS -- North -- Bottom/Side -- FM011
Entries 7447528
BS3
BS2
BS1
Unused

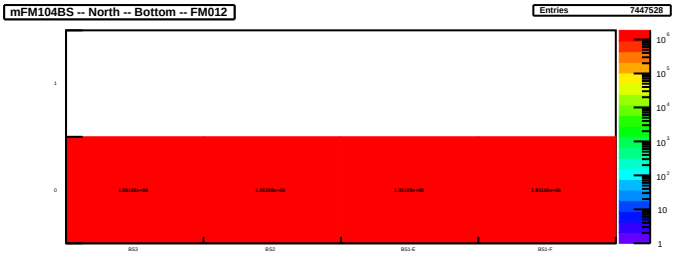

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

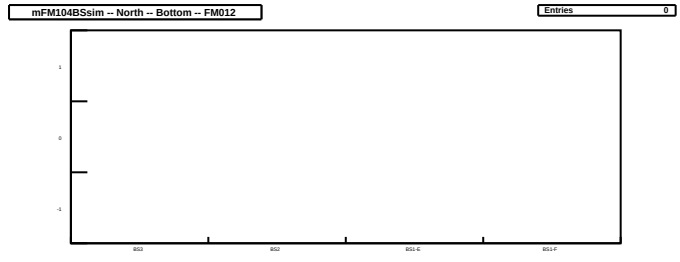

mFM104J -- South -- Bottom/Side -- FM011
Entries 1861882
J(23)

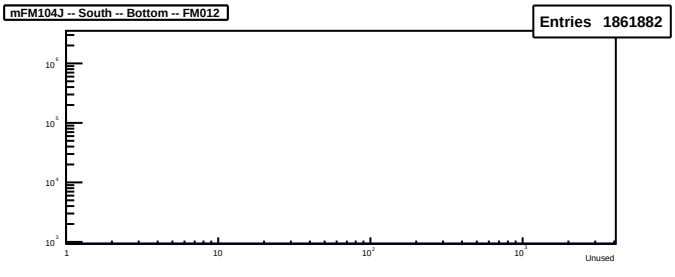

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

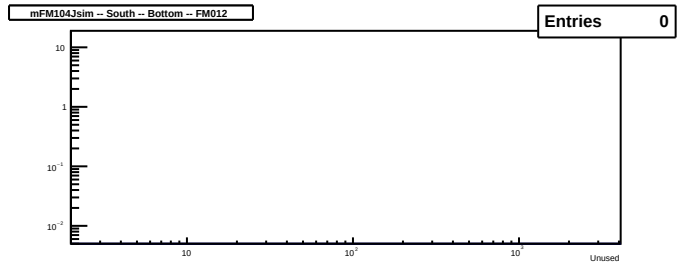

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3723764
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 7447528
BS3
BS2
BS1-E
BS1-F

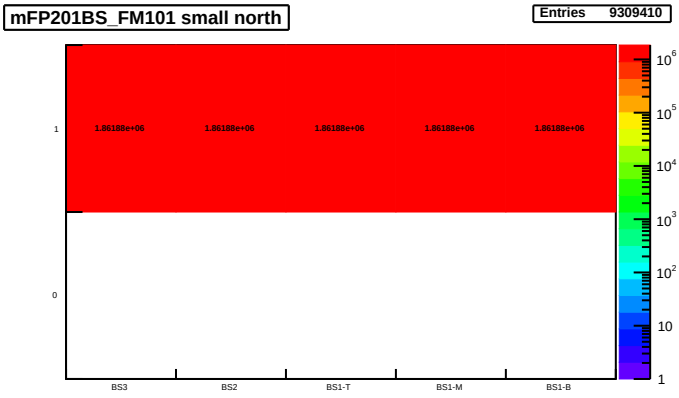

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

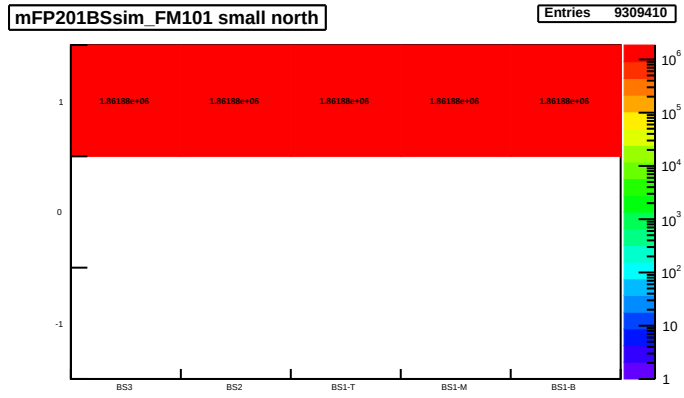

mFM104J -- South -- Bottom -- FM012
Entries 1861882
Unused

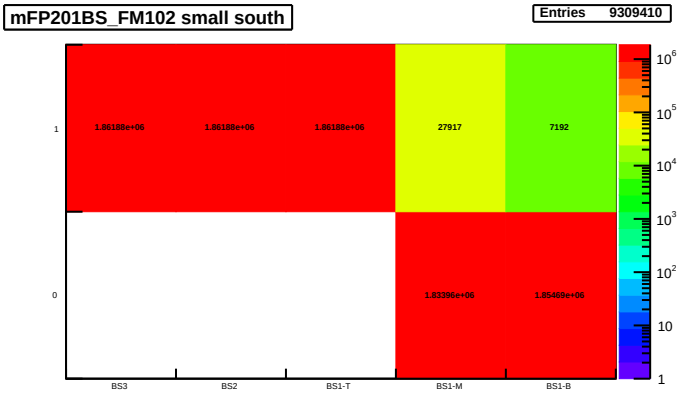

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

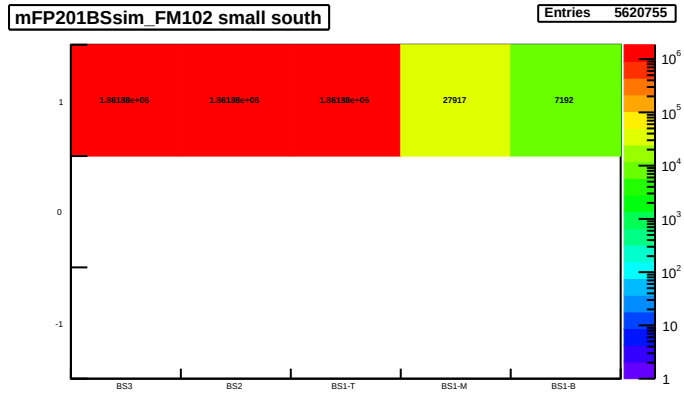
mFM104JP -- South -- Bottom -- FM012
Entries 3723764
JP-EF
Unused

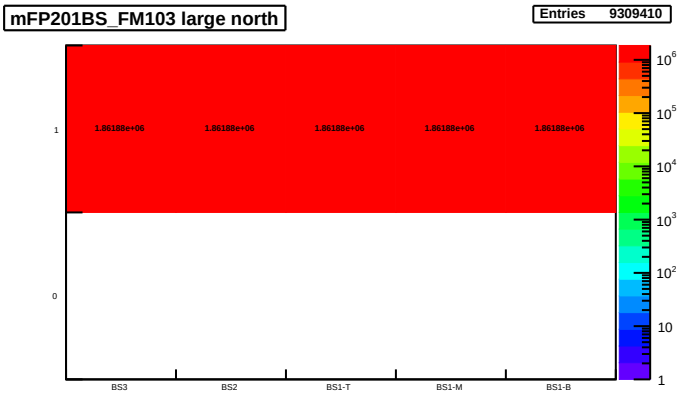
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

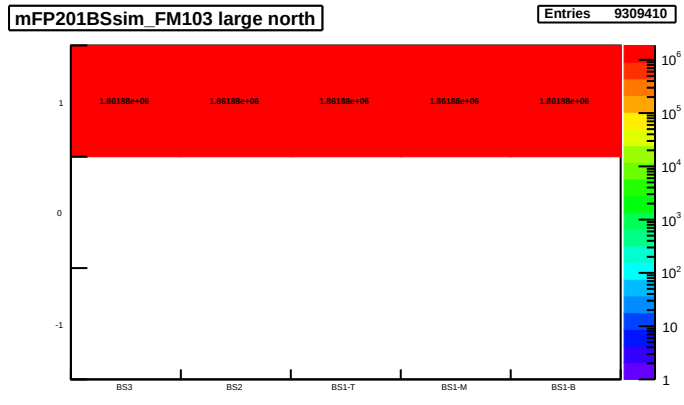

mFP201BS_FM101 small north
Entries 9309410
1.86188e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

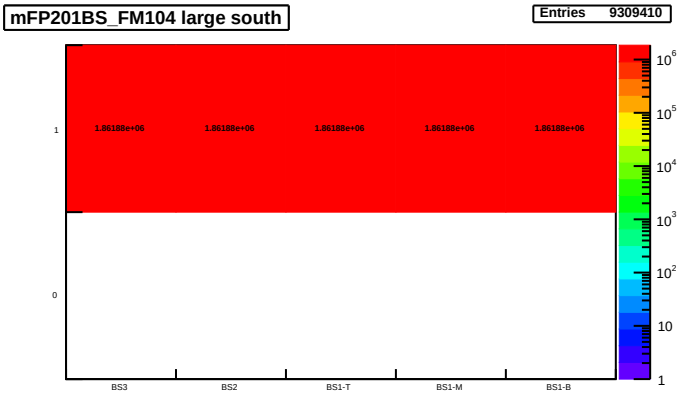

mFP201BSsim_FM101 small north
Entries 9309410
1.86188e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

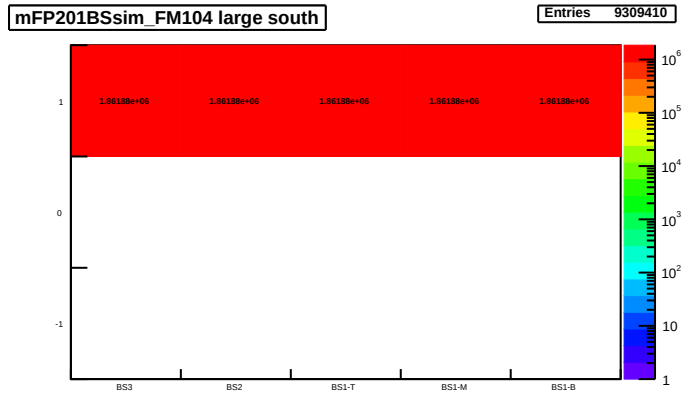

mFP201BS_FM102 small south
Entries 9309410
1.86188e+06
27917
7192
1.83396e+06
1.85469e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

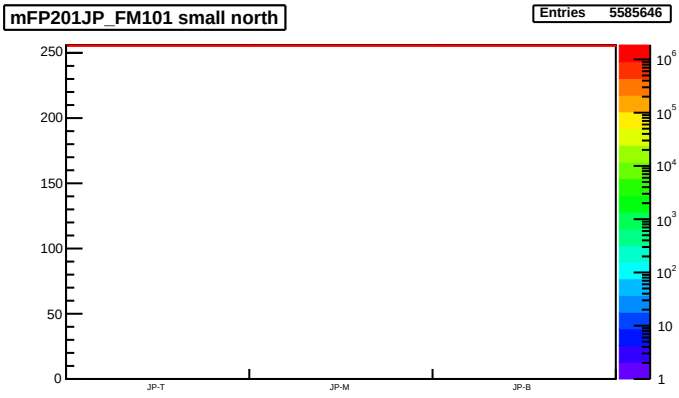

mFP201BSsim_FM102 small south
Entries 5620755
1.86188e+06
27917
7192
BS3
BS2
BS1-T
BS1-M
BS1-B

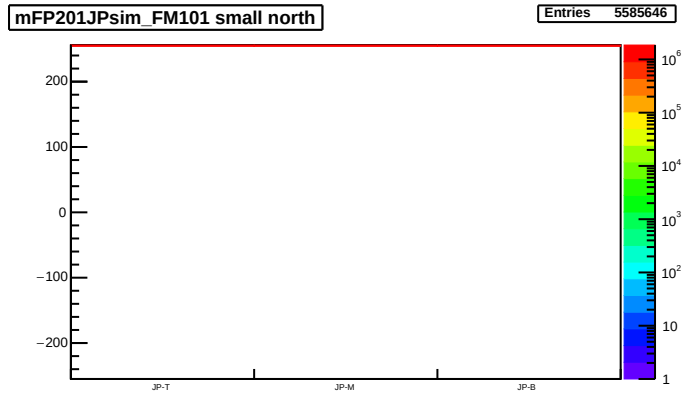

mFP201BS_FM103 large north
Entries 9309410
1.86188e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

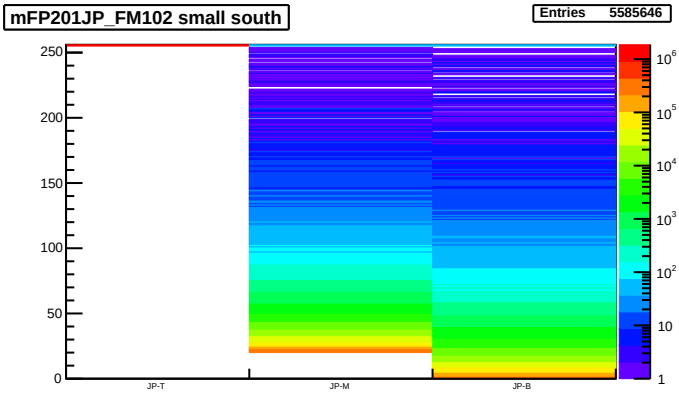

mFP201BSsim_FM103 large north
Entries 9309410
1.86188e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

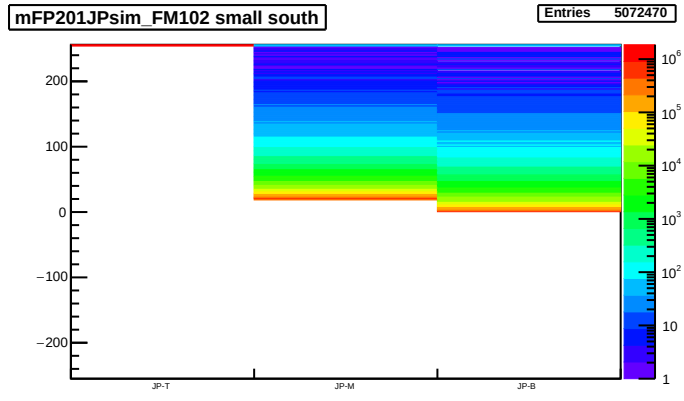

mFP201BS_FM104 large south
Entries 9309410
1.86188e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

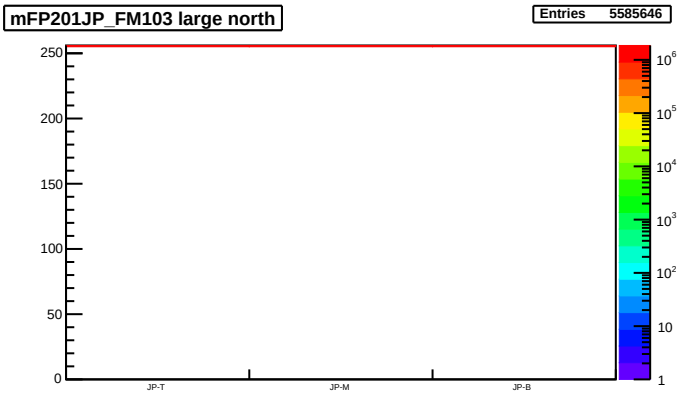

mFP201BSsim_FM104 large south
Entries 9309410
1.86188e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

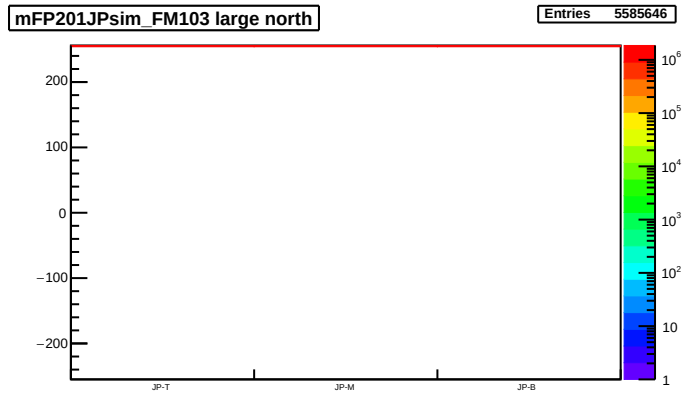

mFP201JP_FM101 small north
Entries 5585646
JP-T
JP-M
JP-B

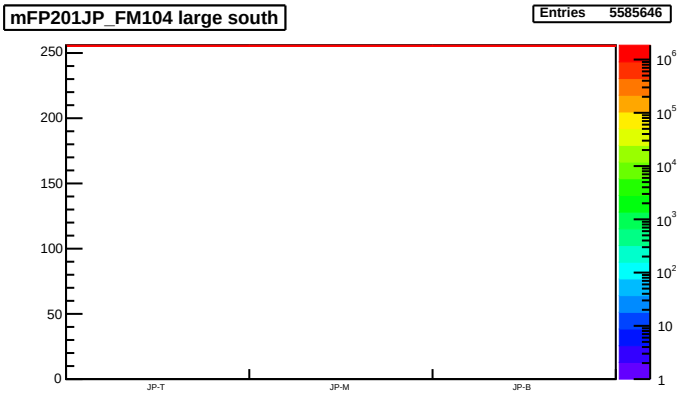

mFP201JPsim_FM101 small north
Entries 5585646
JP-T
JP-M
JP-B

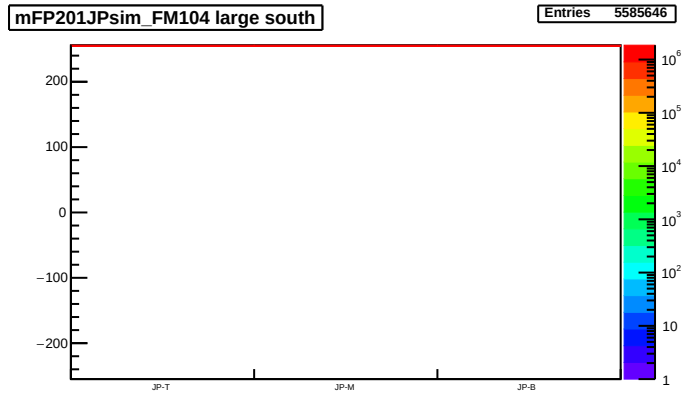

mFP201JP_FM102 small south
Entries 5585646
JP-T
JP-M
JP-B

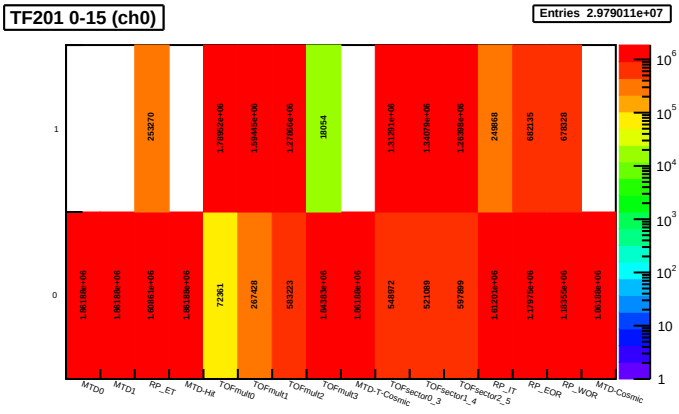

mFP201JPsim_FM102 small south
Entries 5072470
JP-T
JP-M
JP-B

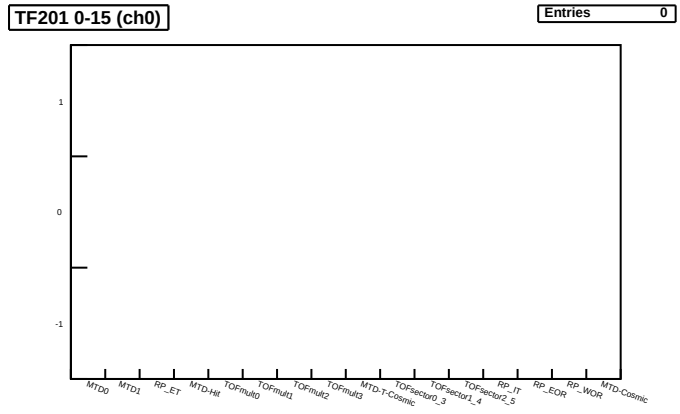

mFP201JP_FM103 large north
Entries 5585646
JP-T
JP-M
JP-B

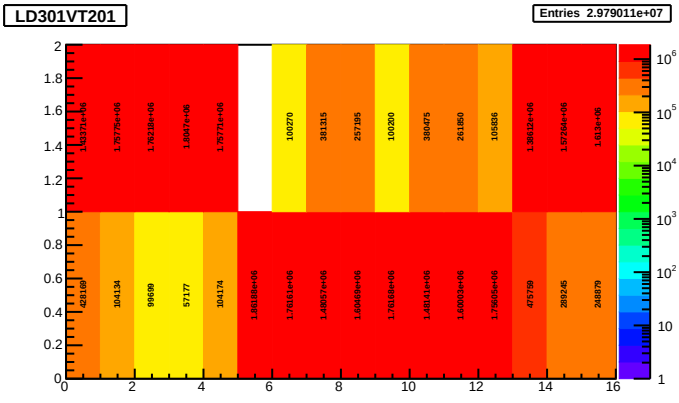

mFP201JPsim_FM103 large north
Entries 5585646
JP-T
JP-M
JP-B

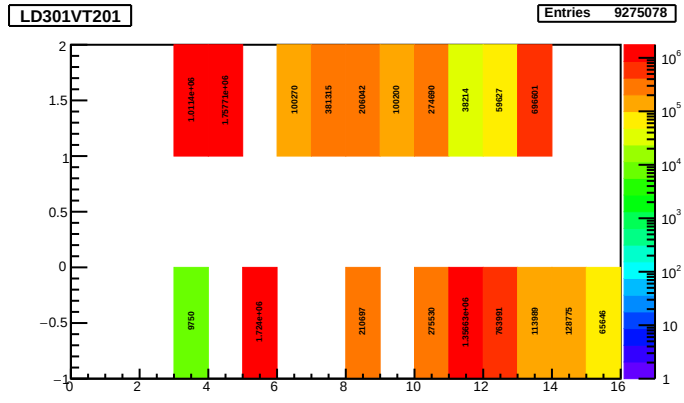

mFP201JP_FM104 large south
Entries 5585646
JP-T
JP-M
JP-B

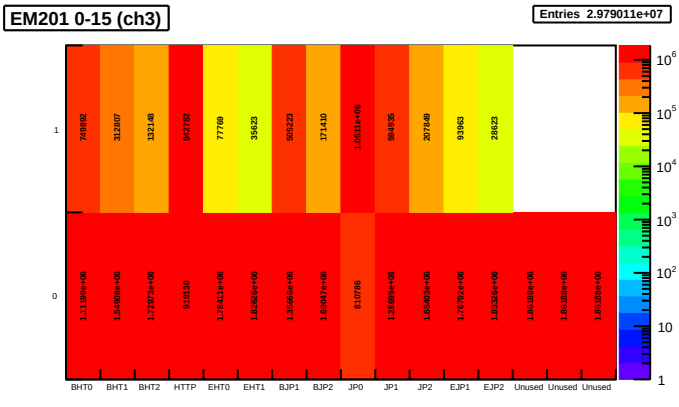

mFP201JPsim_FM104 large south
Entries 5585646
JP-T
JP-M
JP-B

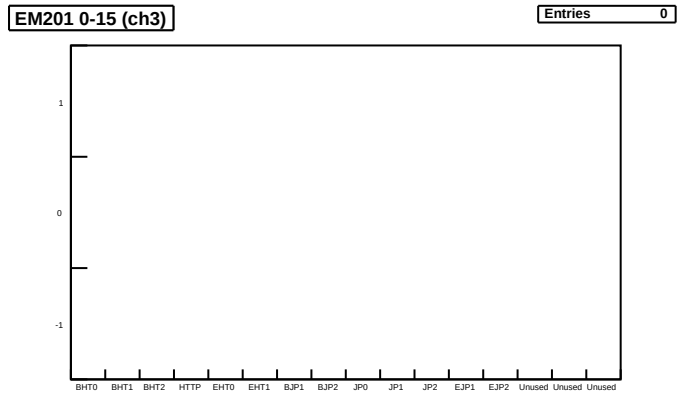

TF201 0-15 (ch0)
Entries 2.979011e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

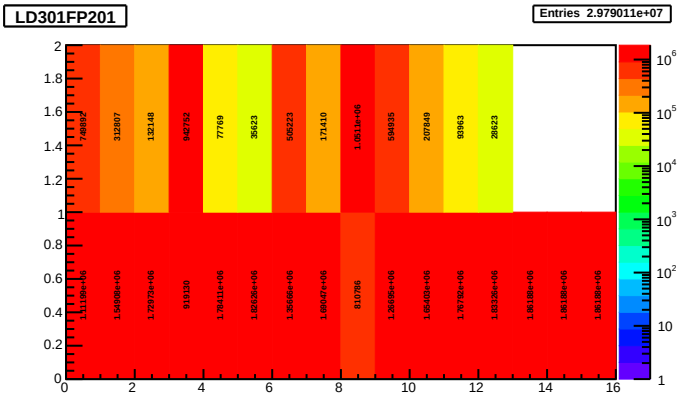

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

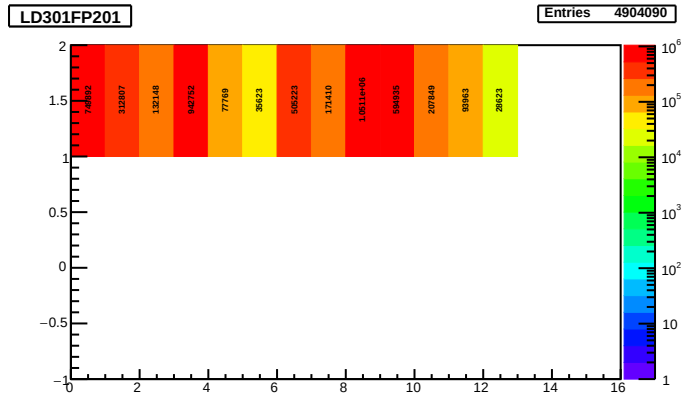

LD301VT201
Entries 2.979011e+07


LD301VT201
Entries 9275078


EM201 0-15 (ch3)
Entries 2.979011e+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 2.979011e+07


LD301FP201
Entries 4904090