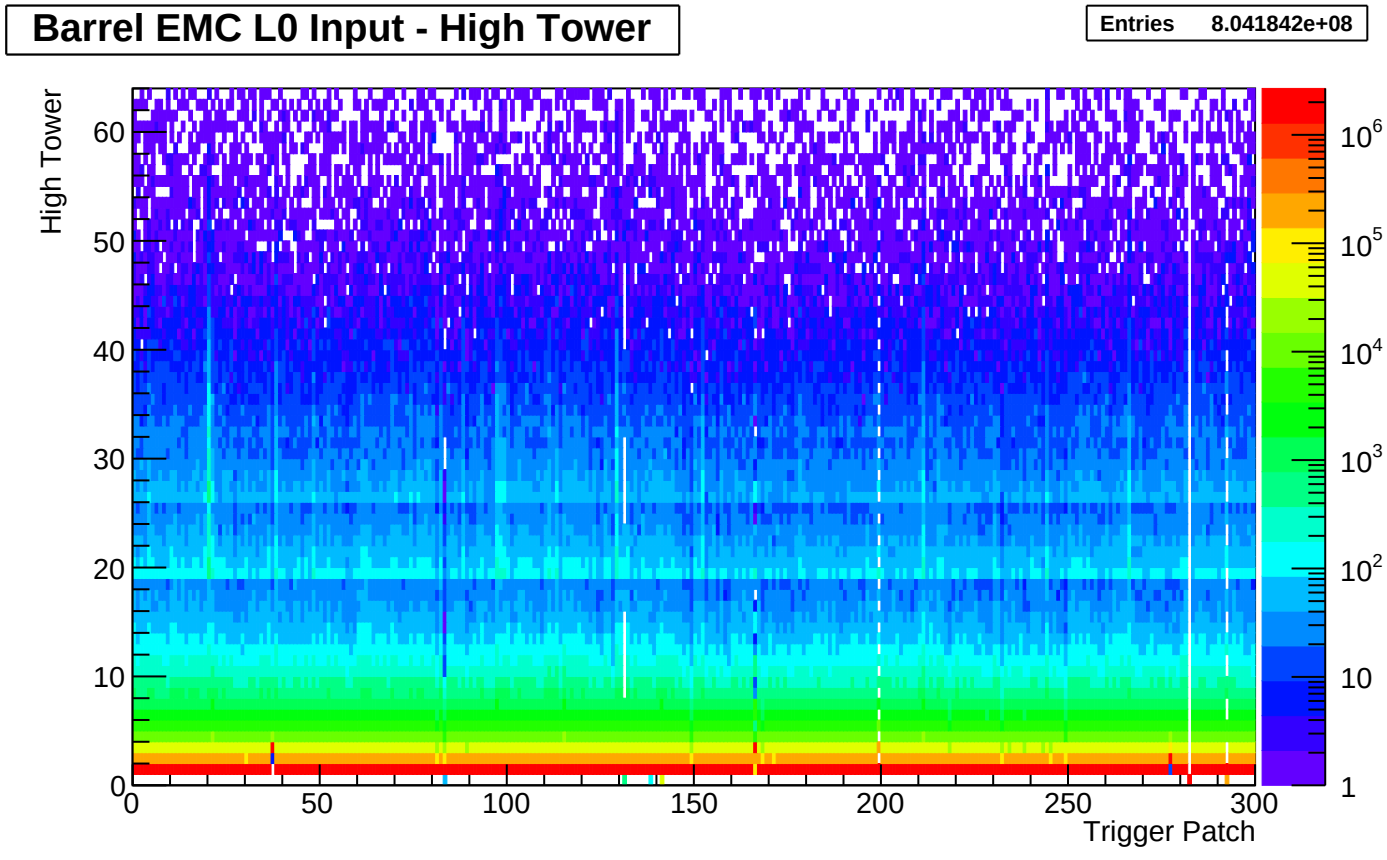
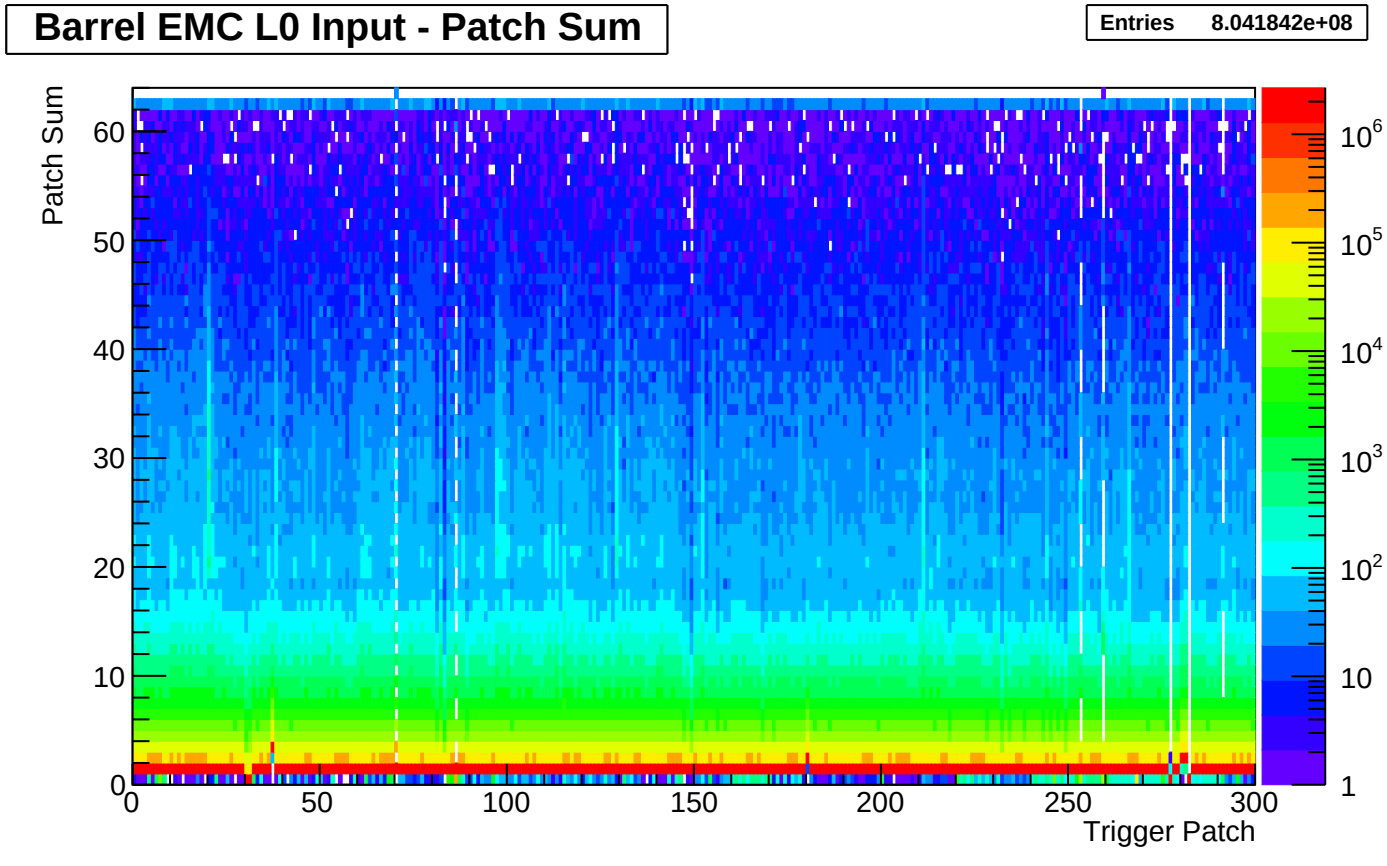
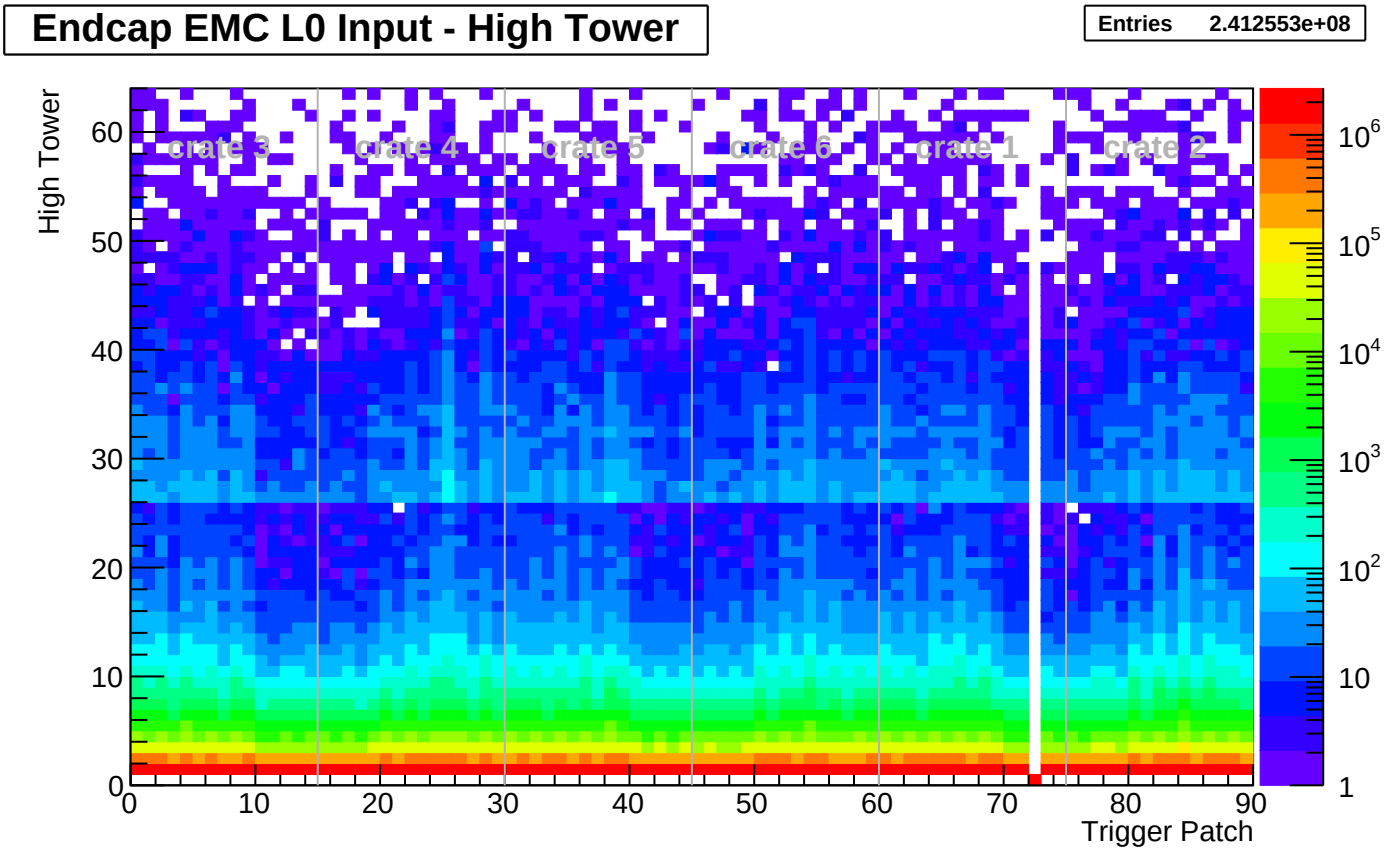
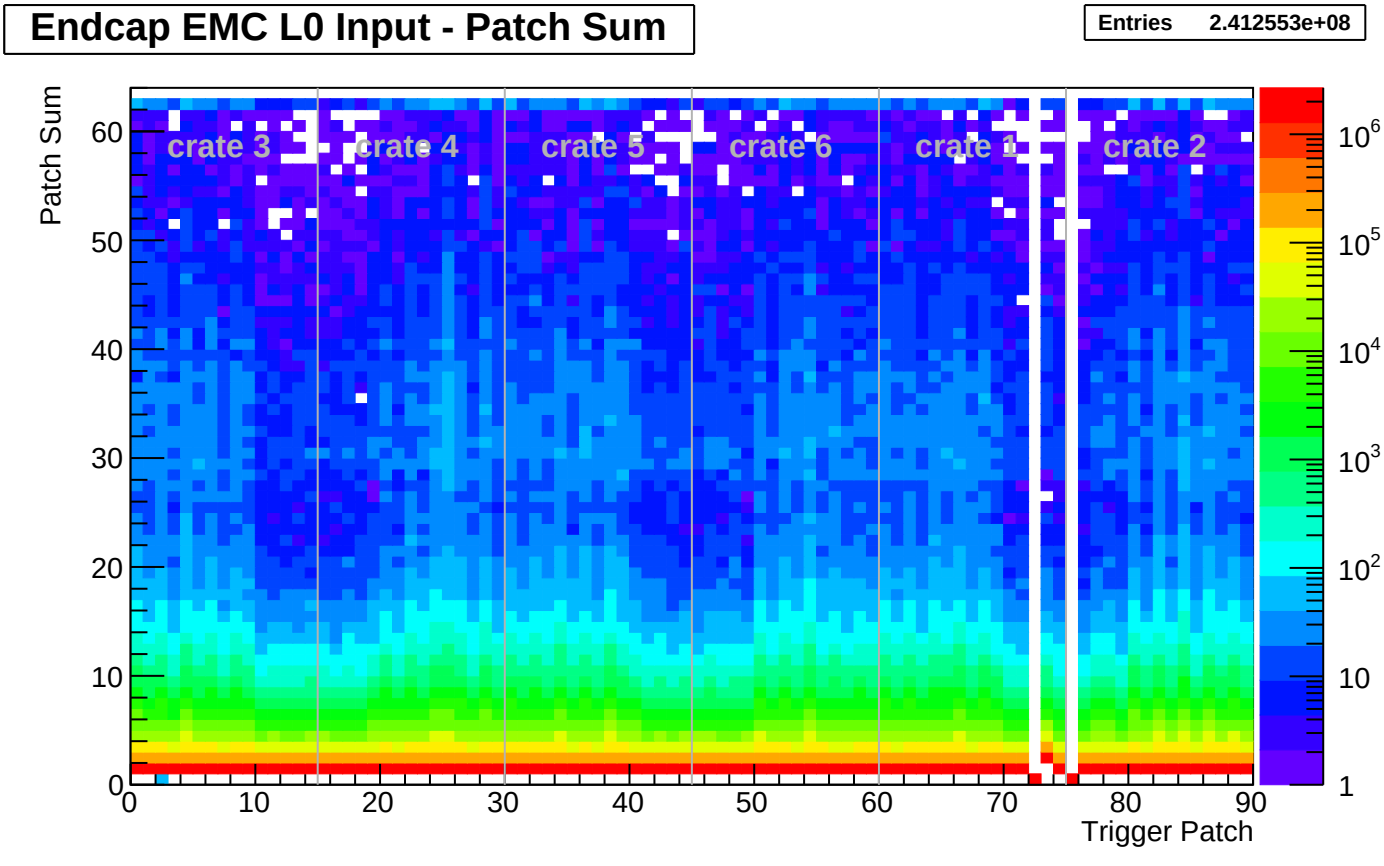
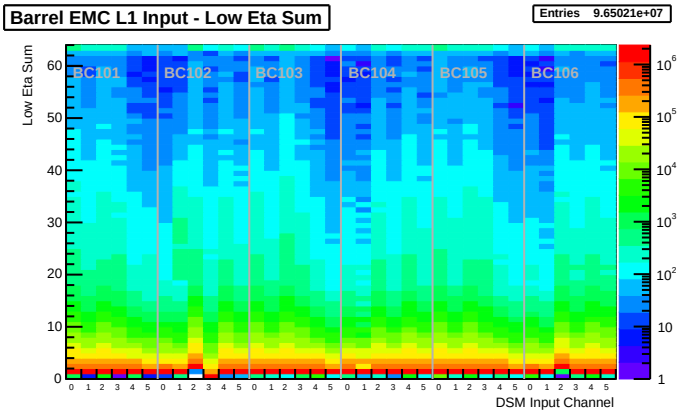
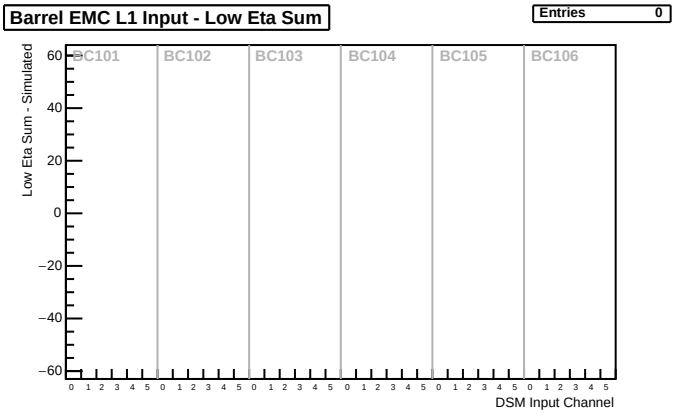

Barrel EMC L0 Input - High Tower
Entries 8.041842e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

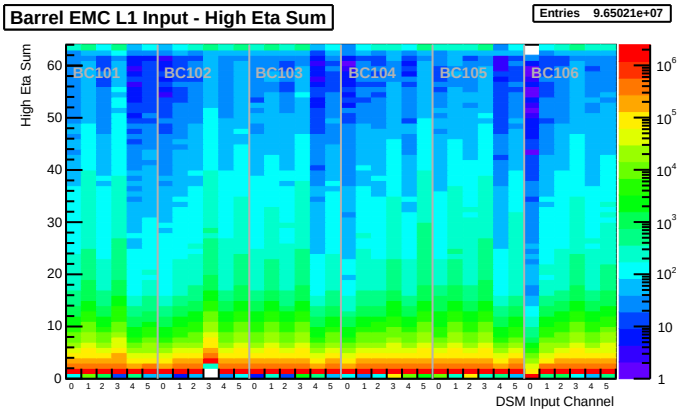

Barrel EMC L0 Input - Patch Sum
Entries 8.041842e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

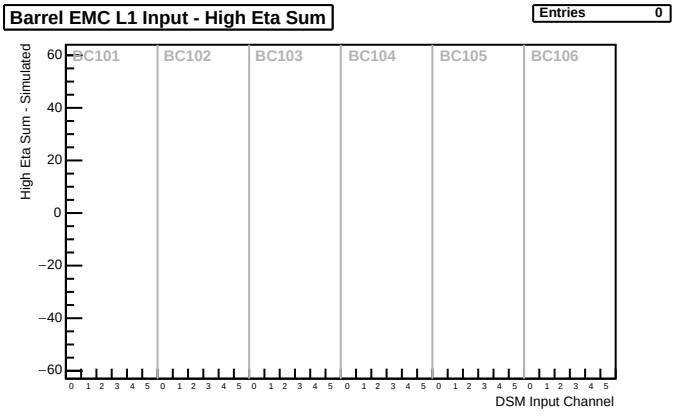

Endcap EMC L0 Input - High Tower
Entries 2.412553e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

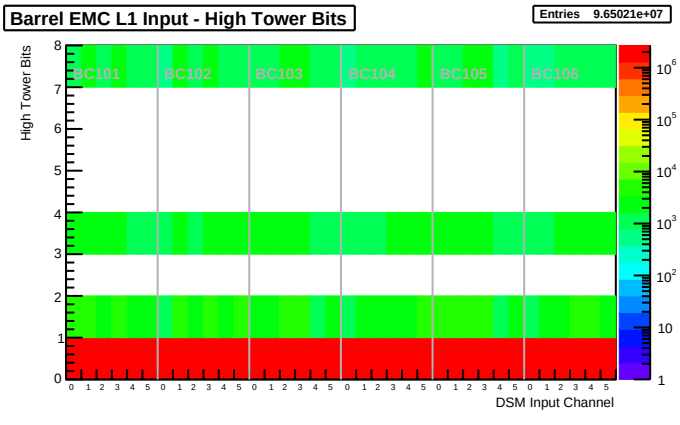

Endcap EMC L0 Input - Patch Sum
Entries 2.412553e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

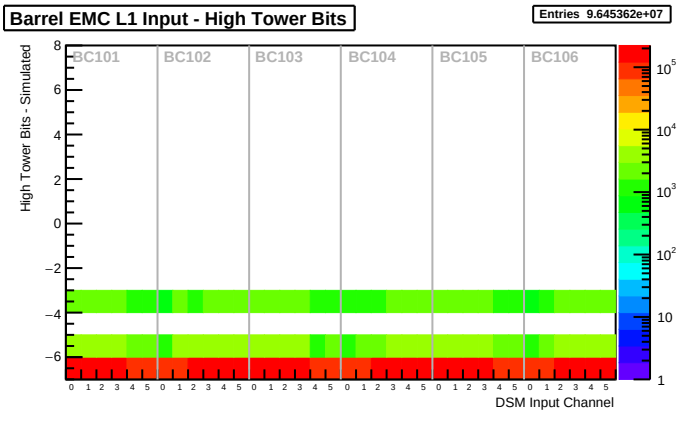

Barrel EMC L1 Input - Low Eta Sum
Entries 9.65021e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

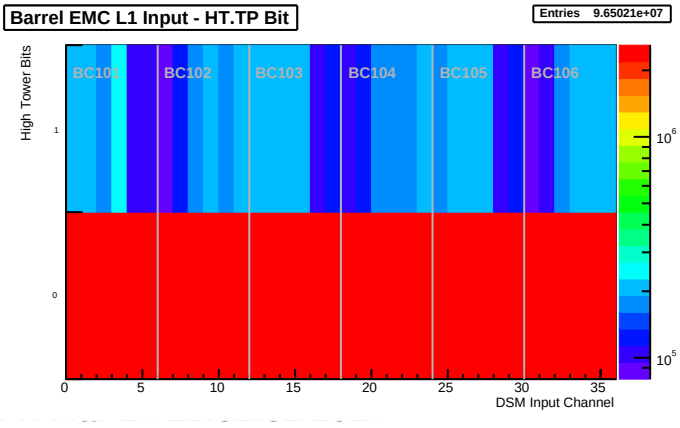

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

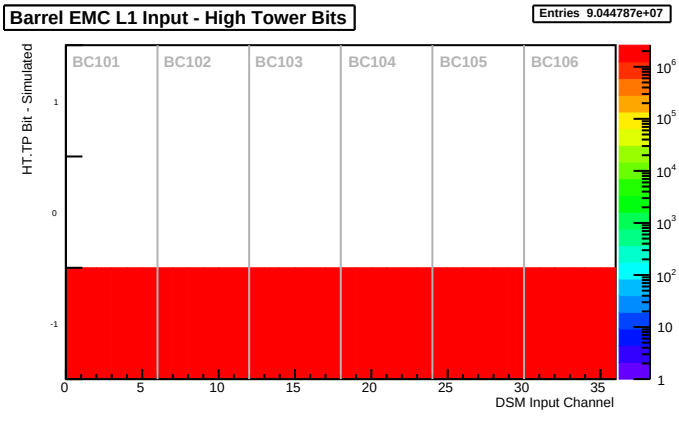

Barrel EMC L1 Input - High Eta Sum
Entries 9.65021e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

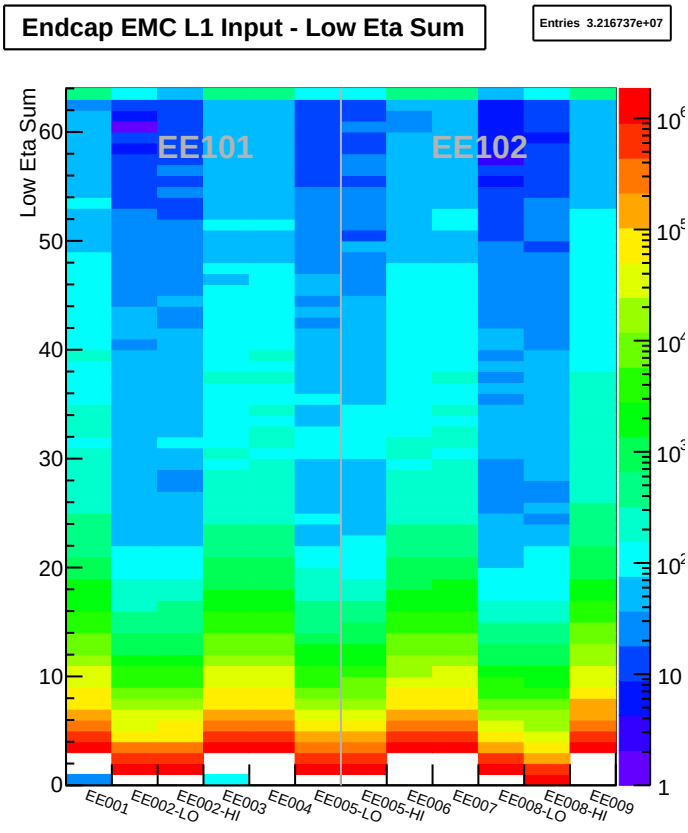

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

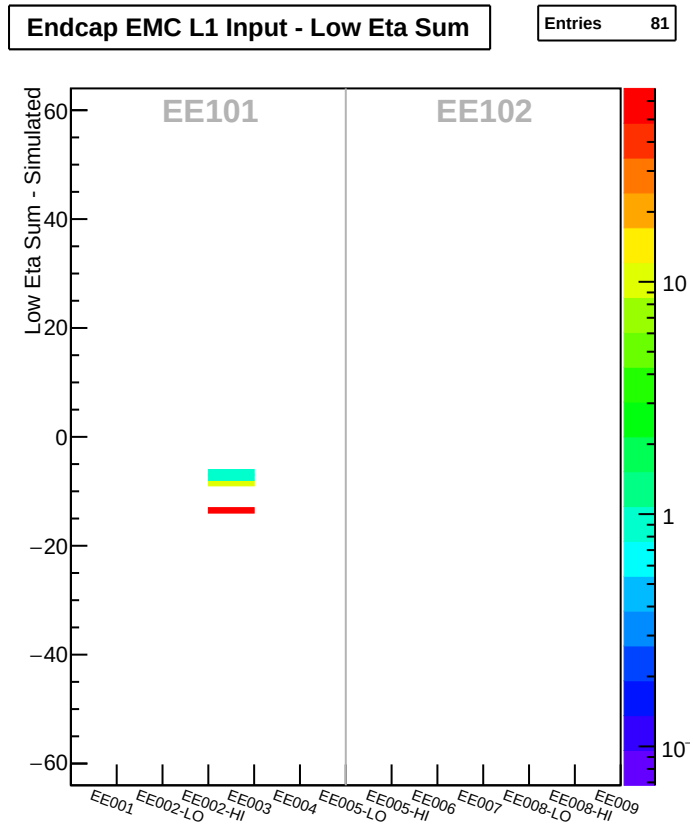

Barrel EMC L1 Input - High Tower Bits
Entries 9.65021e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

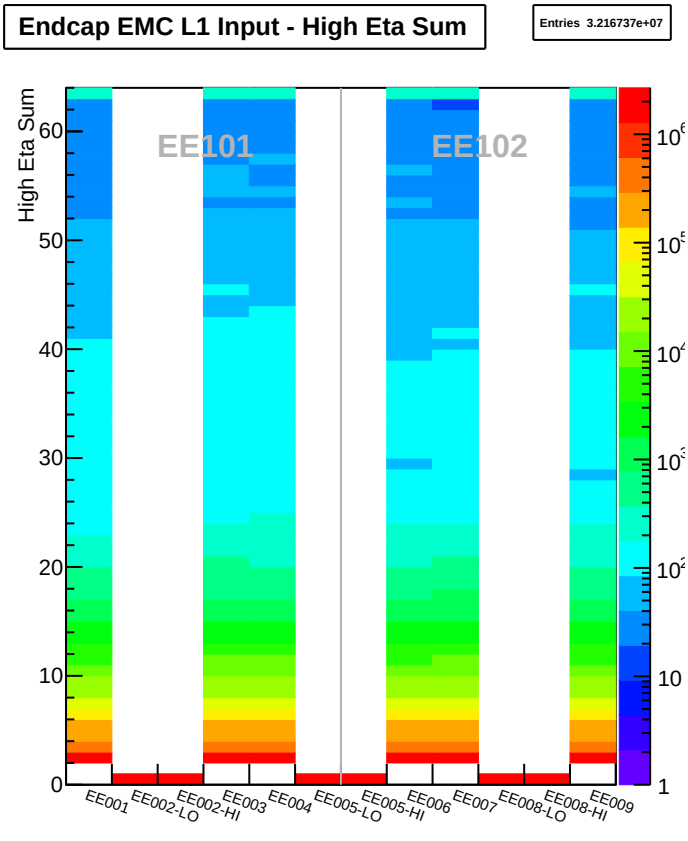

Barrel EMC L1 Input - High Tower Bits
Entries 9.645362e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

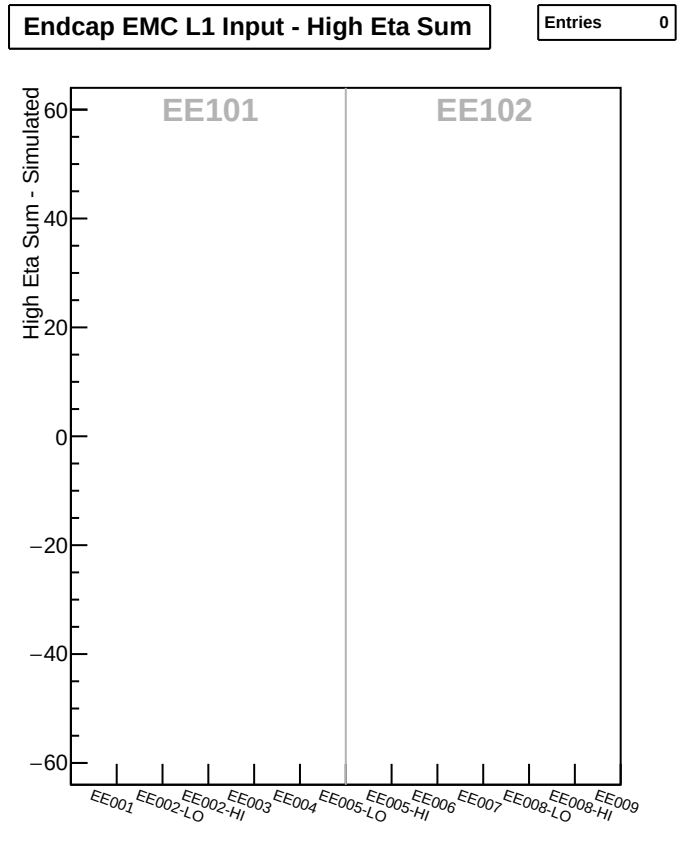

Barrel EMC L1 Input - HT.TP Bit
Entries 9.65021e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

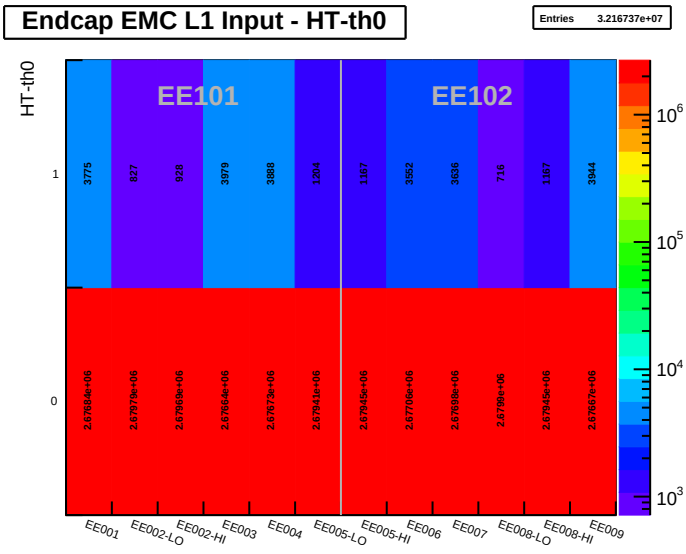

Barrel EMC L1 Input - High Tower Bits
Entries 9.044787e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

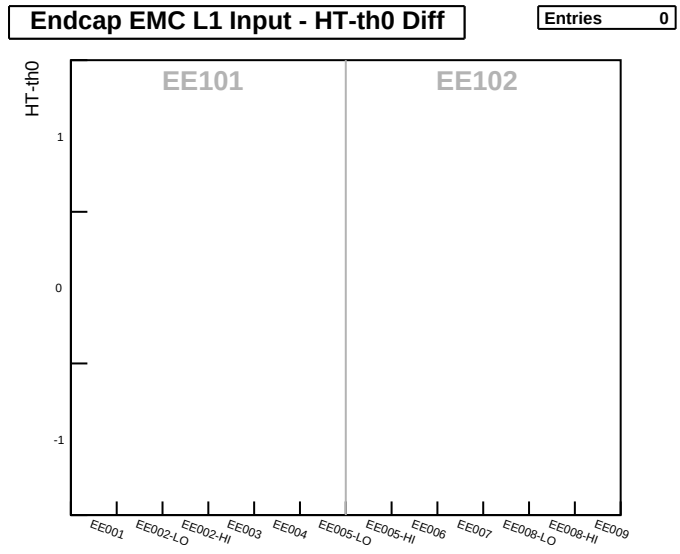

Endcap EMC L1 Input - Low Eta Sum
Entries 3.216737e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

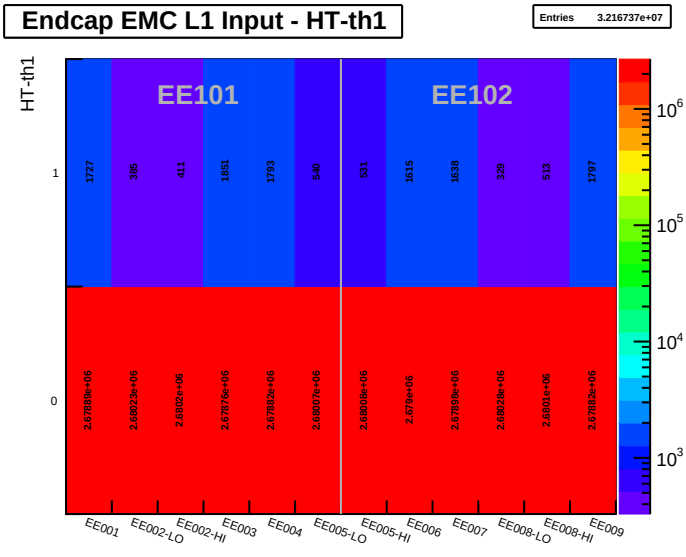

Endcap EMC L1 Input - Low Eta Sum
Entries 81
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

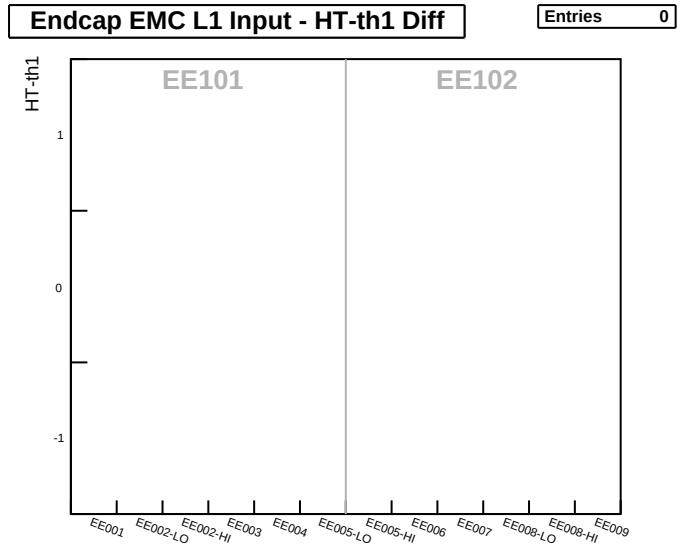

Endcap EMC L1 Input - High Eta Sum
Entries 3.216737e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

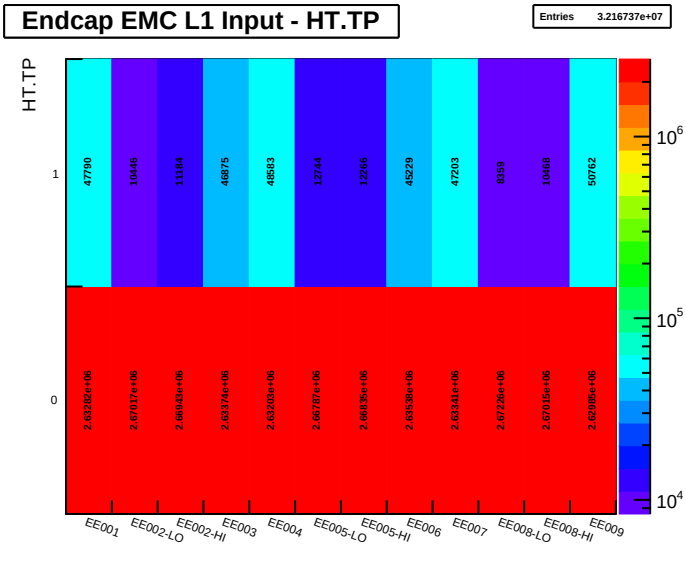

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

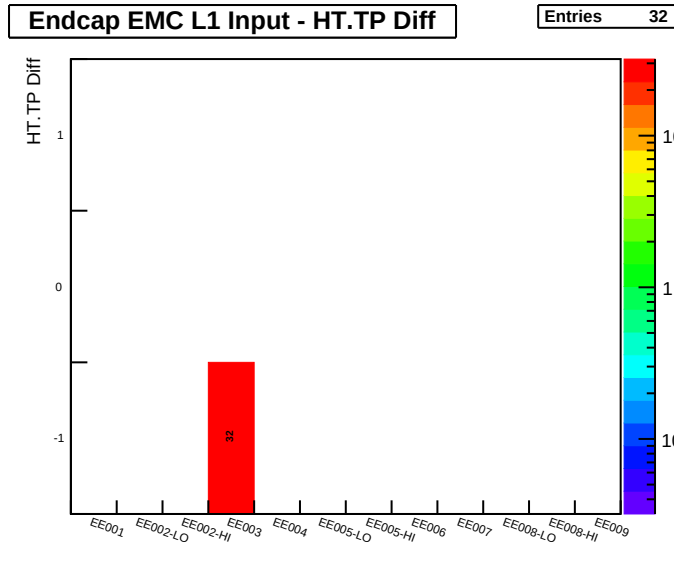

Endcap EMC L1 Input - HT-th0
Entries 3.216737e+07
HT-th0
EE101
EE102
1
0
3775 827 928 3979 3888 1204 1167 3552 3636 716 1167 3944
2.67684e+06 2.67979e+06 2.67969e+06 2.67664e+06 2.67673e+06 2.67941e+06 2.67945e+06 2.67706e+06 2.67698e+06 2.67990e+06 2.67945e+06 2.67667e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

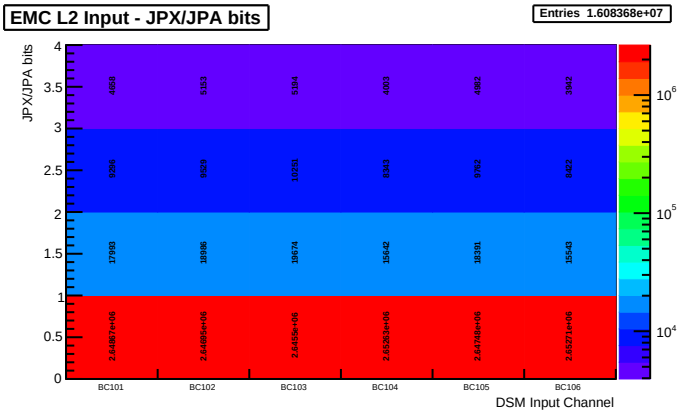

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

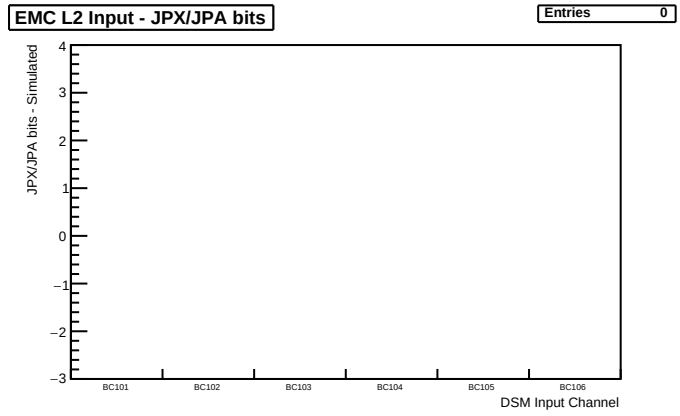

Endcap EMC L1 Input - HT-th1
Entries 3.216737e+07
HT-th1
EE101
EE102
1
0
1727 385 411 1851 1793 540 531 1615 1638 329 513 1797
2.67889e+06 2.68023e+06 2.68002e+06 2.67876e+06 2.67882e+06 2.68007e+06 2.68008e+06 2.679e+06 2.67898e+06 2.68028e+06 2.6801e+06 2.67882e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

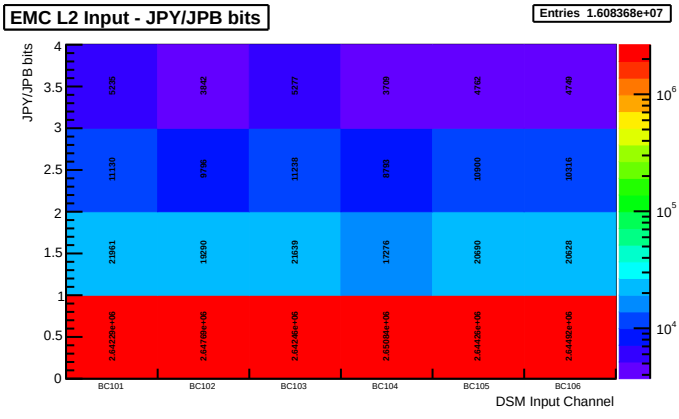

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

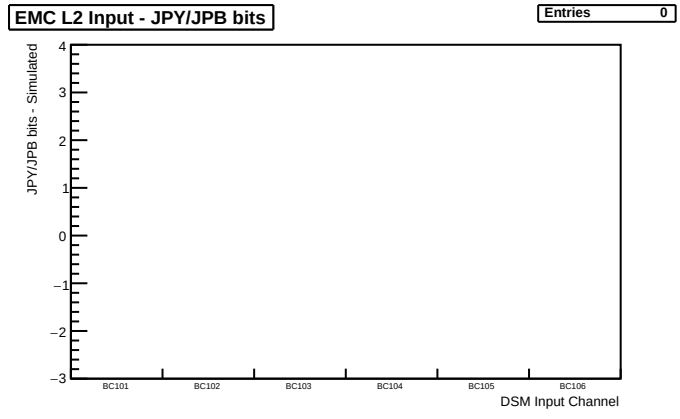

Endcap EMC L1 Input - HT.TP
Entries 3.216737e+07
HT.TP
1
0
47790 10446 11184 46875 48583 12744 12266 45229 47203 8359 10468 50762
2.63282e+06 2.67017e+06 2.66943e+06 2.63374e+06 2.63203e+06 2.66787e+06 2.66835e+06 2.63538e+06 2.63341e+06 2.67226e+06 2.67015e+06 2.62985e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

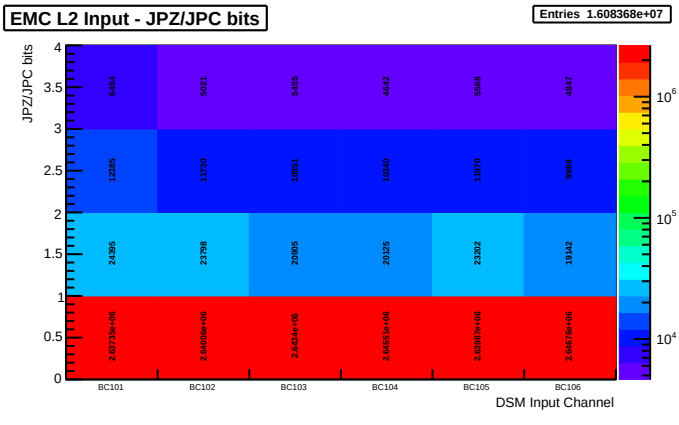

Endcap EMC L1 Input - HT.TP Diff
Entries 32
HT.TP Diff
1
0
-1
32
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

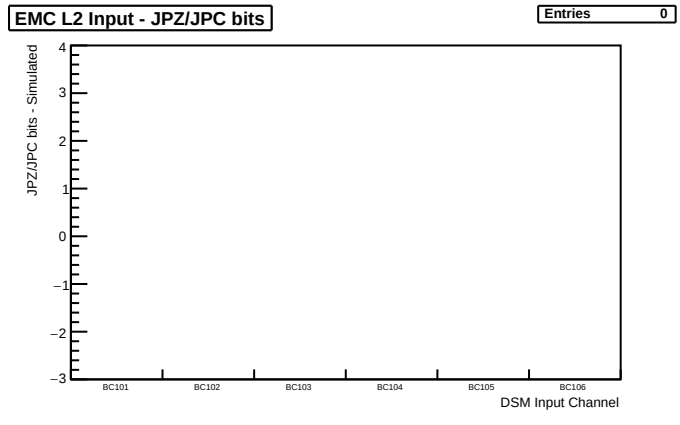

EMC L2 Input - JPX/JPA bits
Entries 1.608368e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4658
5153
5194
4003
4692
3942
9236
9929
10251
8343
9752
8422
17993
19986
19674
15542
18391
15543
2.64487e+06
2.64685e+06
2.64559e+06
2.65353e+06
2.64748e+06
2.65571e+06

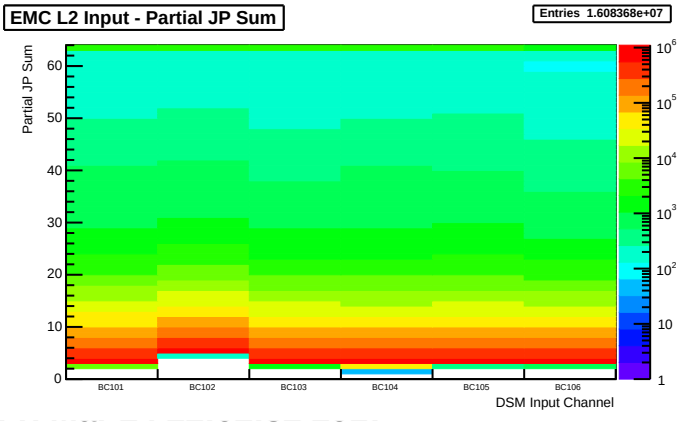

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

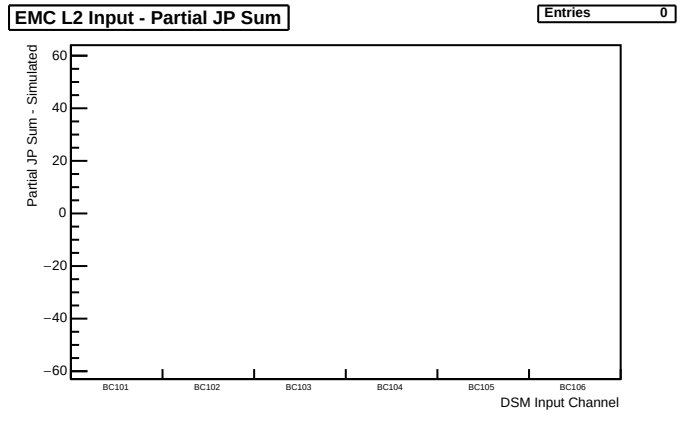

EMC L2 Input - JPY/JPB bits
Entries 1.608368e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5235
3842
5277
3709
4762
4740
11130
9786
11238
8793
10900
10316
21961
19290
21639
17276
20690
20628
2.64229e+06
2.64709e+06
2.64245e+06
2.65094e+06
2.64426e+06
2.64492e+06

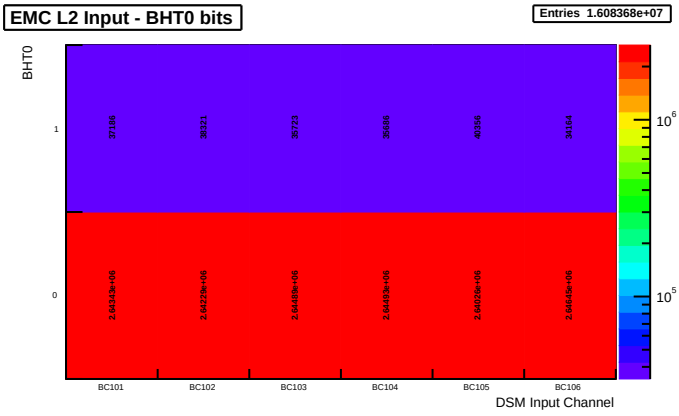

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

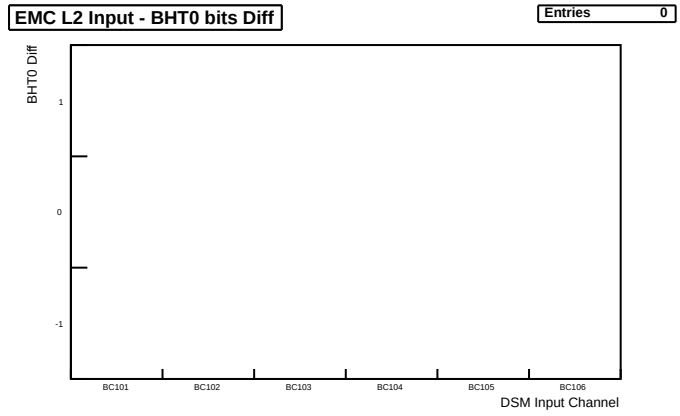

EMC L2 Input - JPZ/JPC bits
Entries 1.608368e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
6484
5021
5455
4642
5568
4847
12385
11720
10851
10340
11970
9869
24395
23798
20905
20125
23202
19142
2.63735e+06
2.64006e+06
2.6434e+06
2.64551e+06
2.63997e+06
2.64676e+06

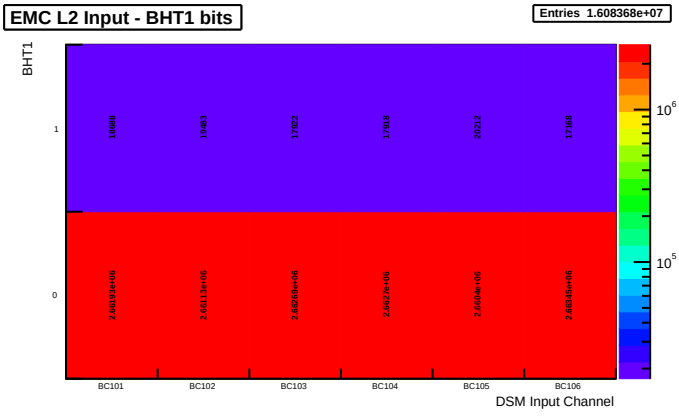

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

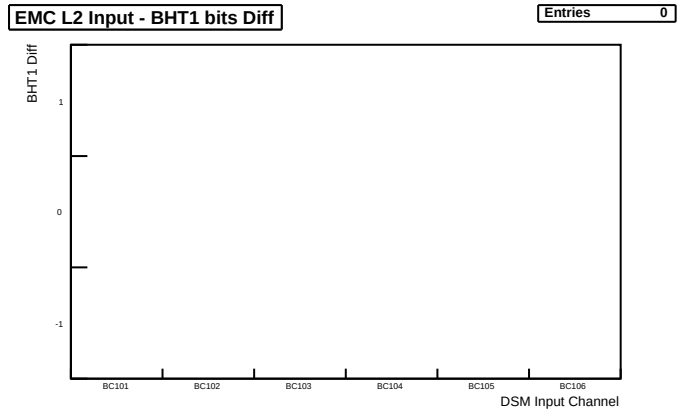

EMC L2 Input - Partial JP Sum
Entries 1.608368e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

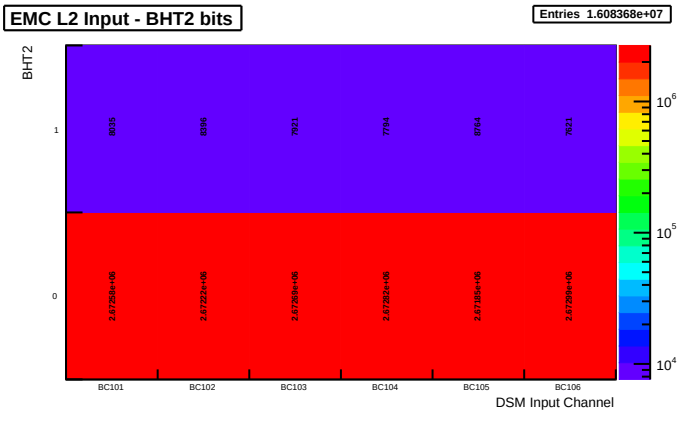

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

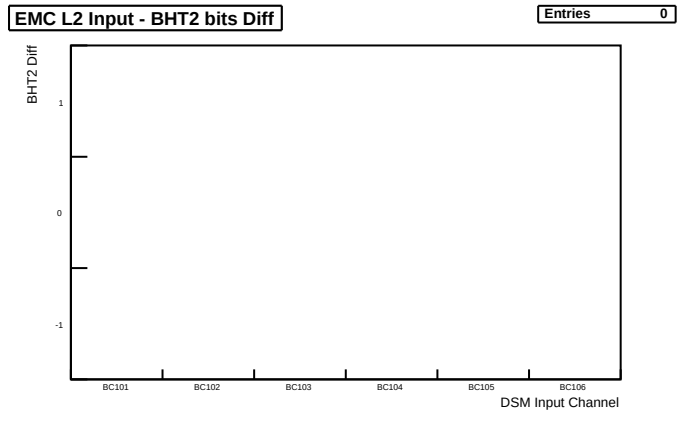

EMC L2 Input - BHT0 bits
Entries 1.608368e+07
BHT0
1
0
37158
38321
35723
35686
40356
34164
2.64343e+06
2.64229e+06
2.64489e+06
2.64493e+06
2.64029e+06
2.64645e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

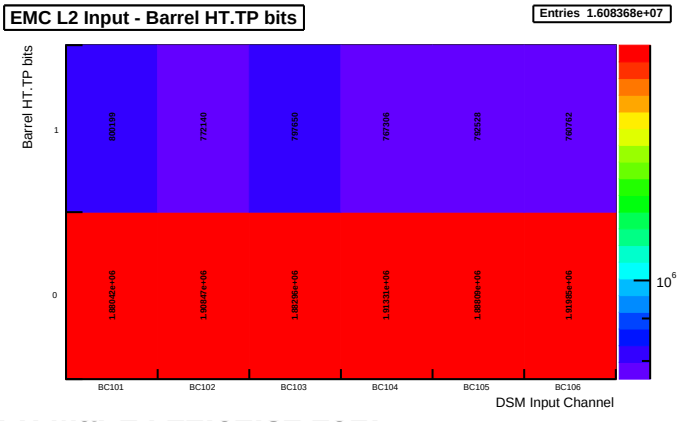

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

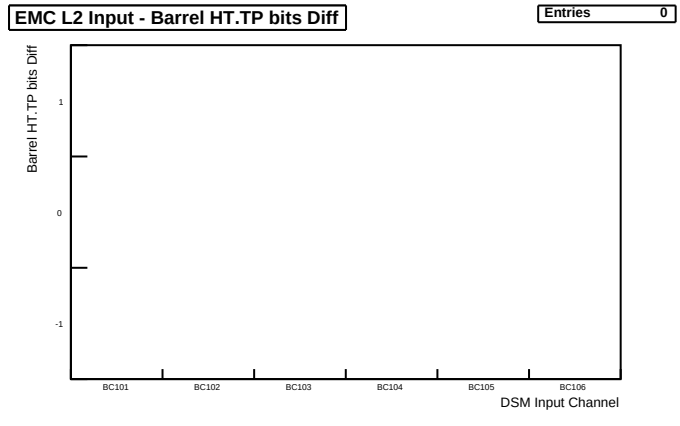

EMC L2 Input - BHT1 bits
Entries 1.608368e+07
BHT1
1
0
19888
19483
17922
17918
23212
17168
2.66193e+06
2.66113e+06
2.66269e+06
2.66278e+06
2.66046e+06
2.66045e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

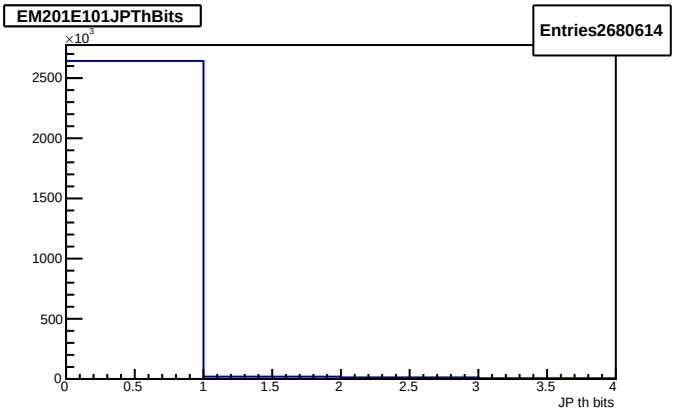

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

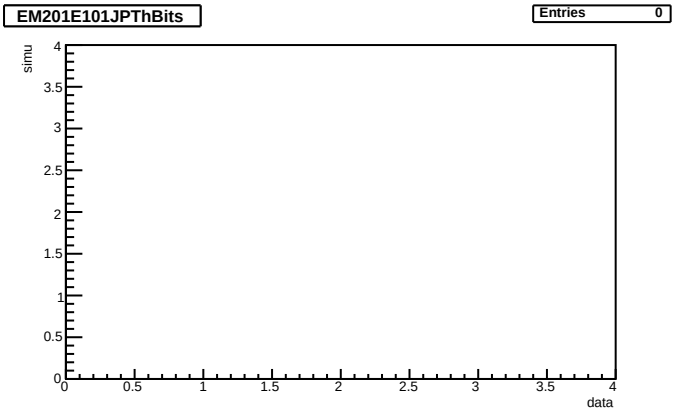

EMC L2 Input - BHT2 bits
Entries 1.608368e+07
BHT2
1
0
8035
8396
7921
7794
8764
7621
2.67258e+06
2.67222e+06
2.67259e+06
2.67282e+06
2.67195e+06
2.67239e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

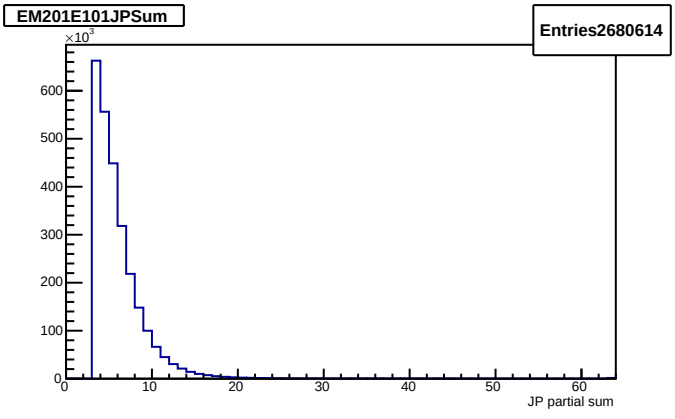

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

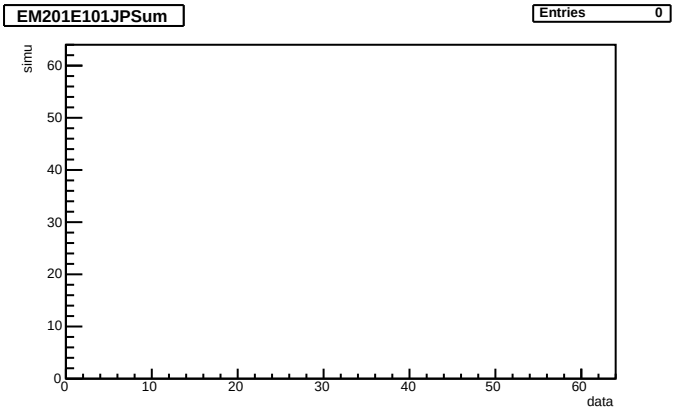

EMC L2 Input - Barrel HT.TP bits
Entries 1.608368e+07
Barrel HT.TP bits
1
0
800159
772140
797650
797306
792528
790762
1.88042e+06
1.90847e+06
1.88296e+06
1.91331e+06
1.88809e+06
1.91085e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

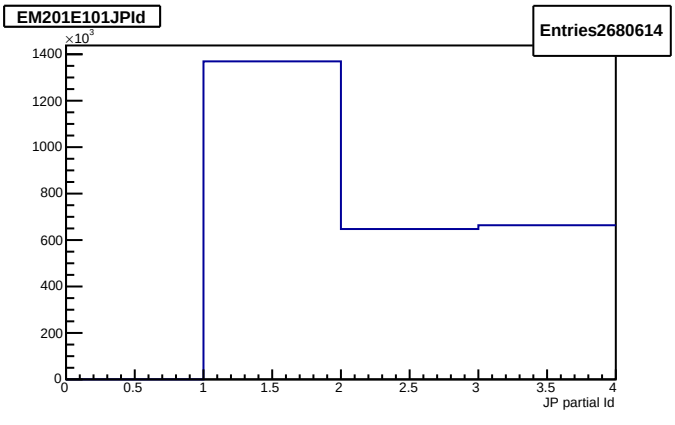

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

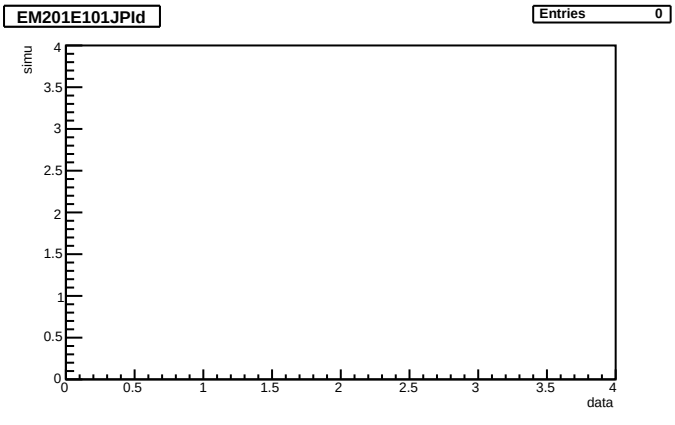

EM201E101JPThBits
Entries2680614
×10^3
JP th bits

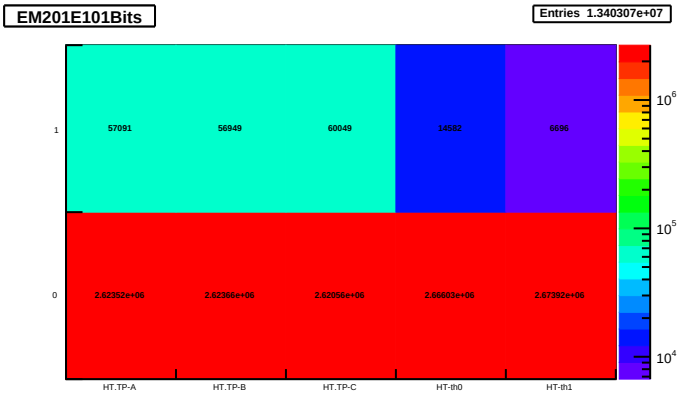

EM201E101JPThBits
Entries 0
simu
data

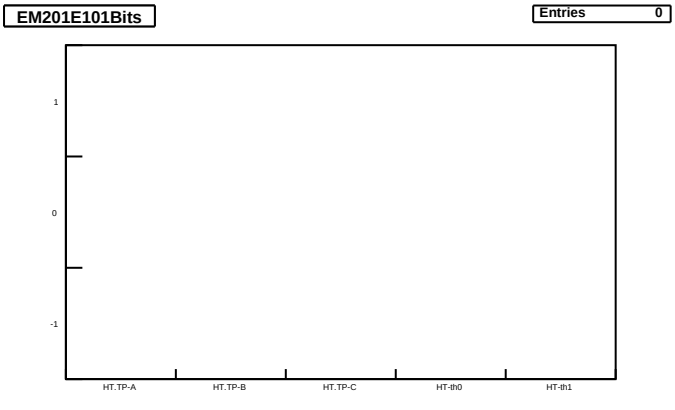

EM201E101JPSum
Entries2680614
×10^3
JP partial sum

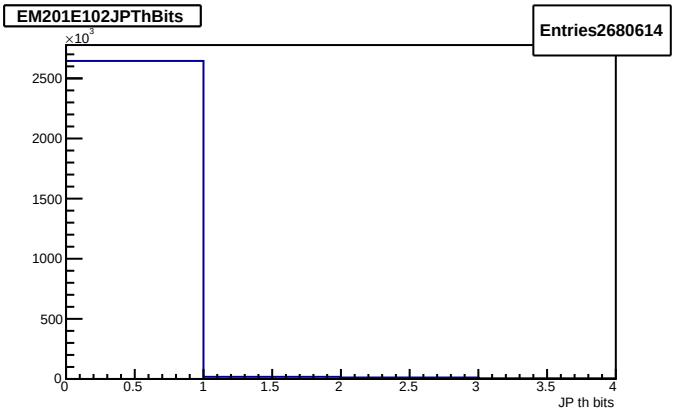

EM201E101JPSum
Entries 0
simu
data

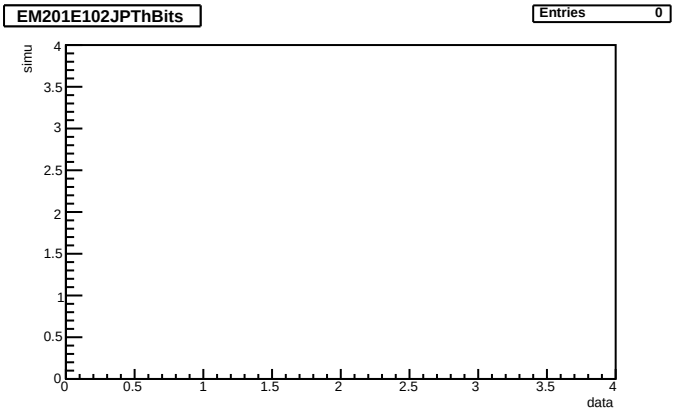

EM201E101JPId
Entries2680614
×10^3
JP partial Id

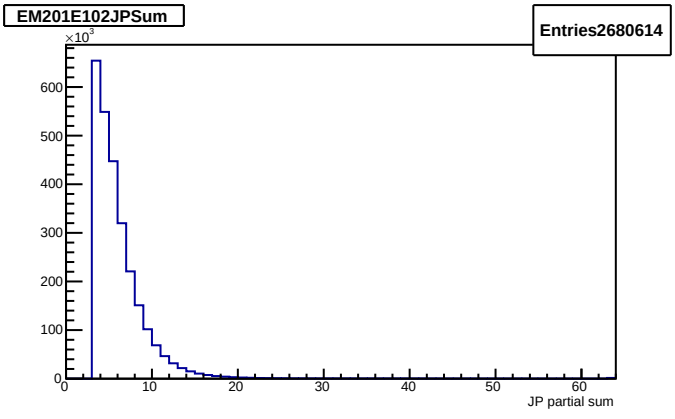

EM201E101JPId
Entries 0
simu
data

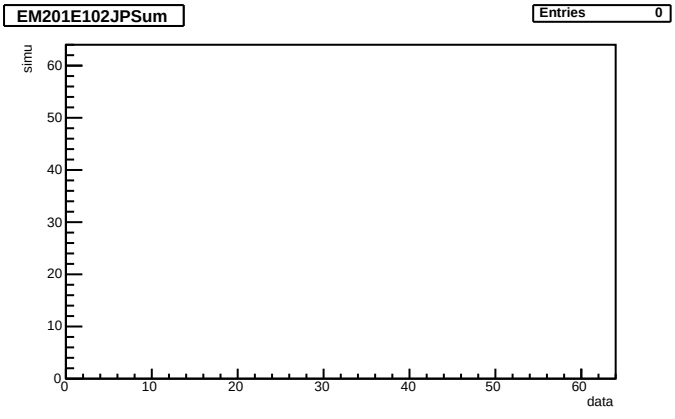

EM201E101Bits
Entries 1.340307e+07
57091
56949
60049
14582
6096
2.62352e+06
2.62366e+06
2.62056e+06
2.66603e+06
2.67392e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

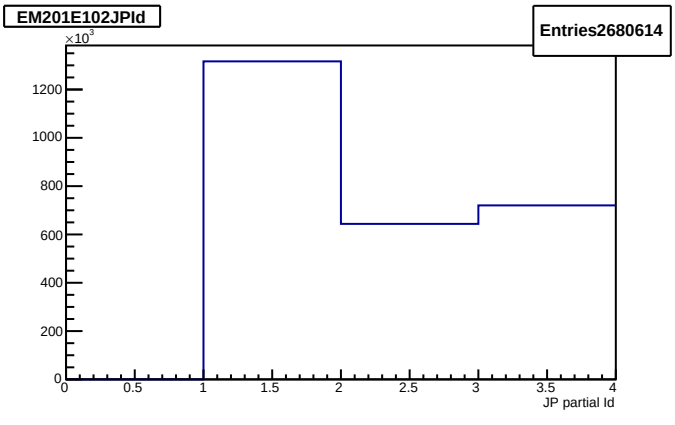

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

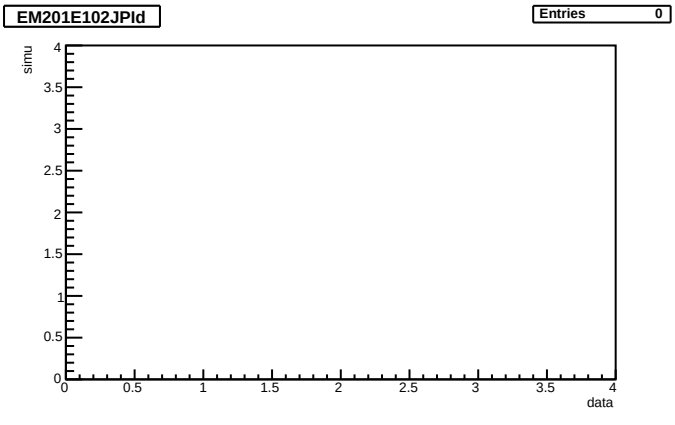

EM201E102JPThBits
Entries2680614
×10^3
JP th bits

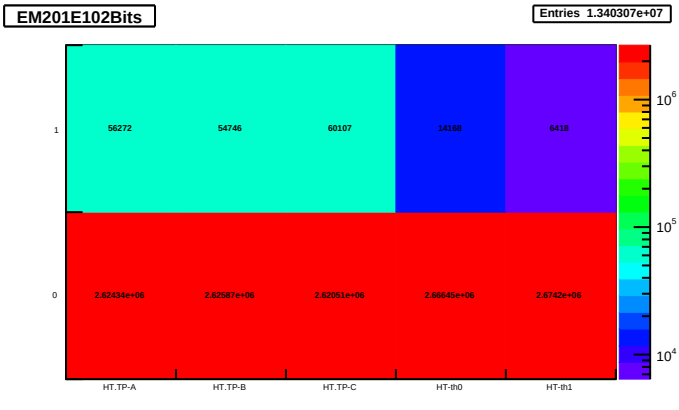

EM201E102JPThBits
Entries 0
simu
data

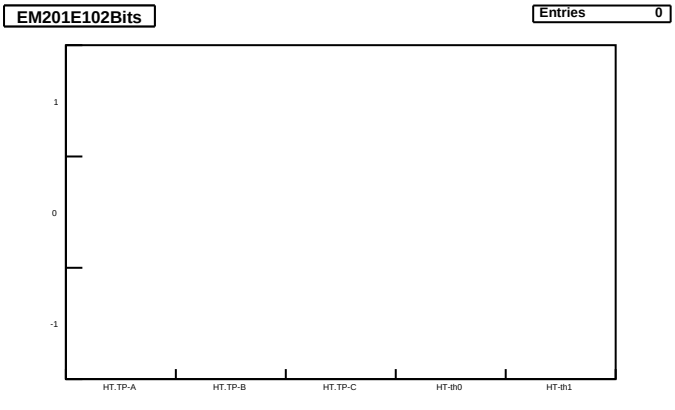

EM201E102JPSum
Entries2680614
×10^3
JP partial sum

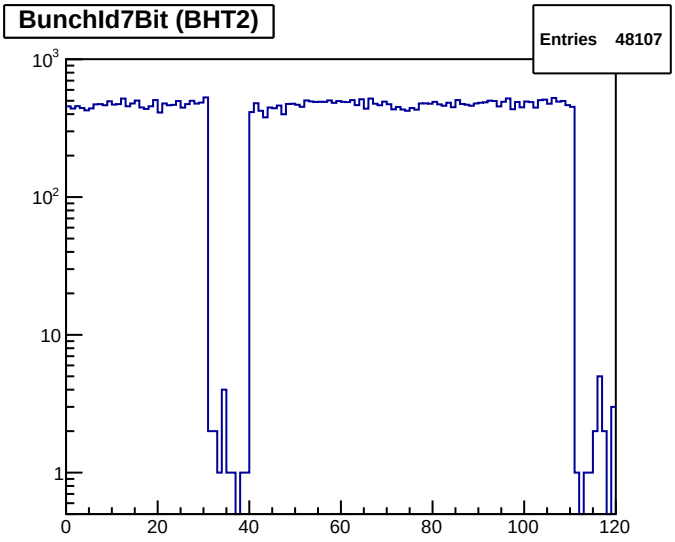

EM201E102JPSum
Entries 0
simu
data

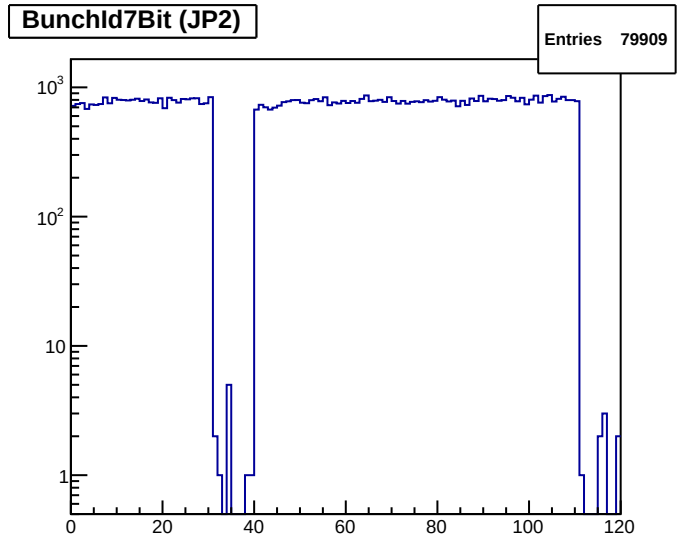

EM201E102JPId
Entries2680614
×10^3
JP partial Id

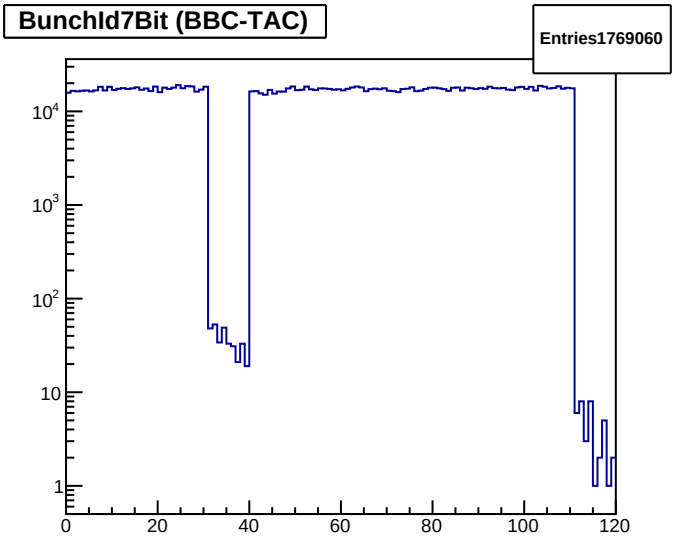

EM201E102JPId
Entries 0
simu
data

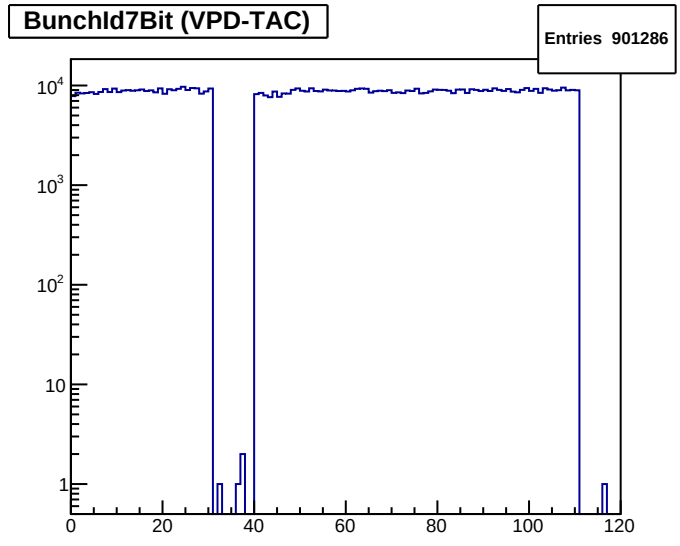

EM201E102Bits
Entries 1.340307e+07
56272
54746
60107
14168
6418
2.62434e+06
2.62587e+06
2.62051e+06
2.66645e+06
2.6742e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

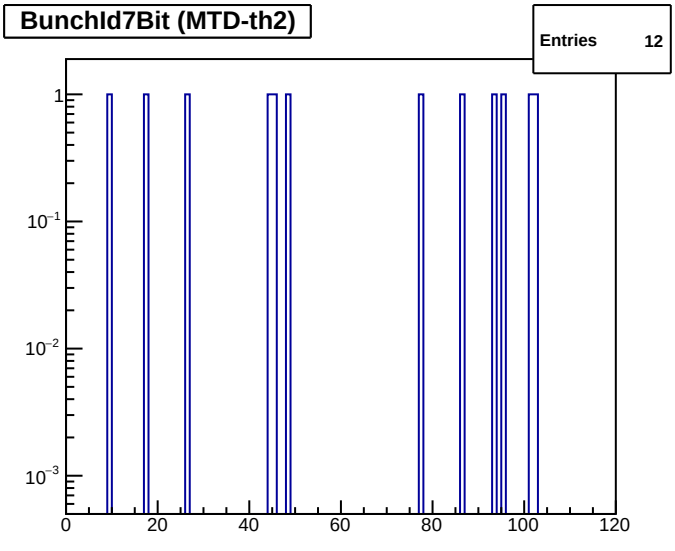

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

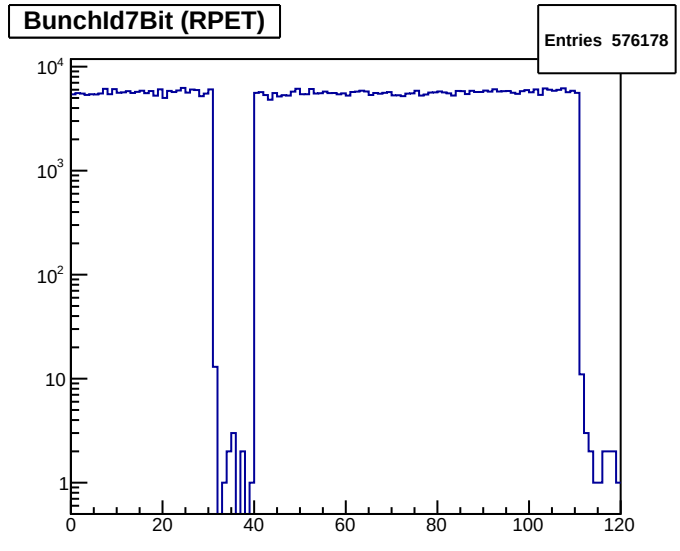

BunchId7Bit (BHT2)
Entries 48107

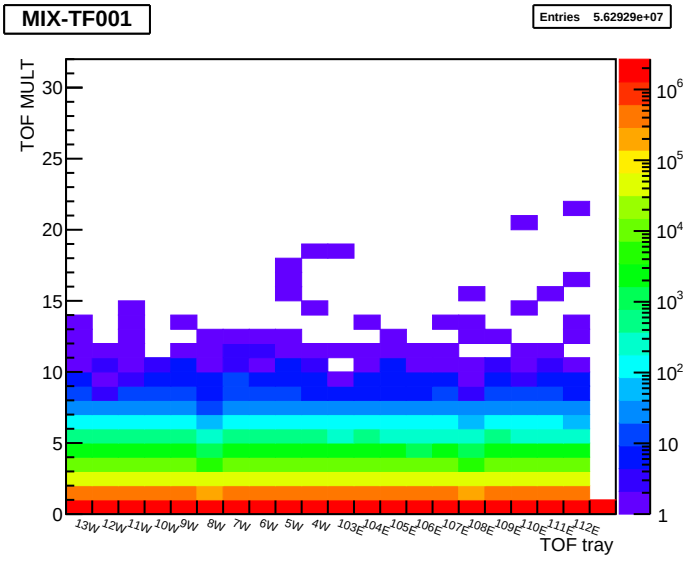

BunchId7Bit (JP2)
Entries 79909

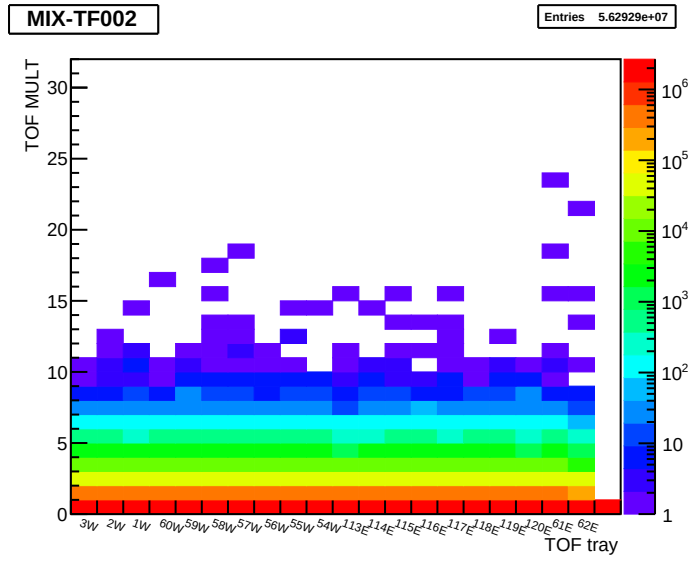

BunchId7Bit (BBC-TAC)
Entries1769060

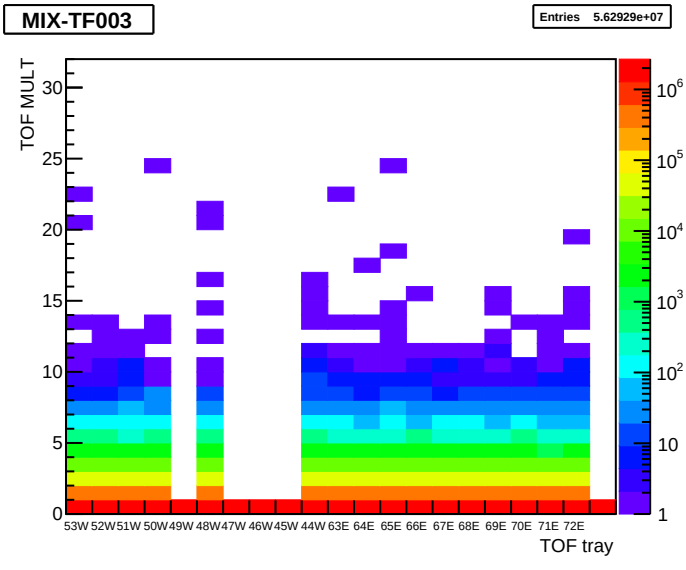

BunchId7Bit (VPD-TAC)
Entries 901286

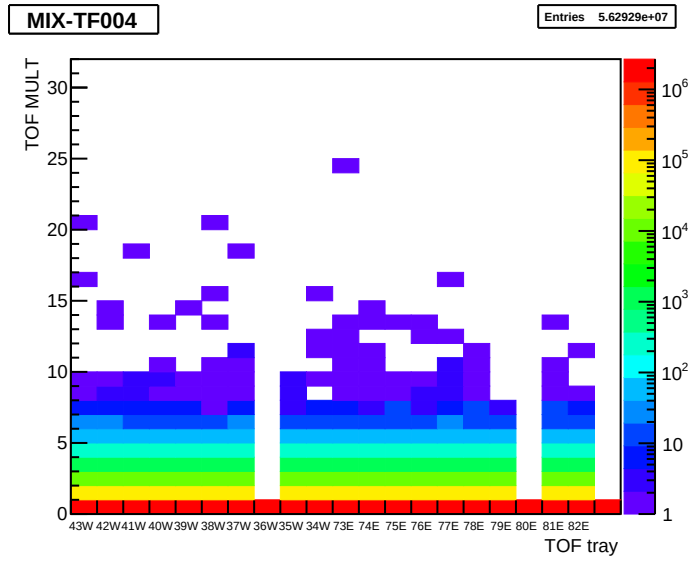

BunchId7Bit (MTD-th2)
Entries 12

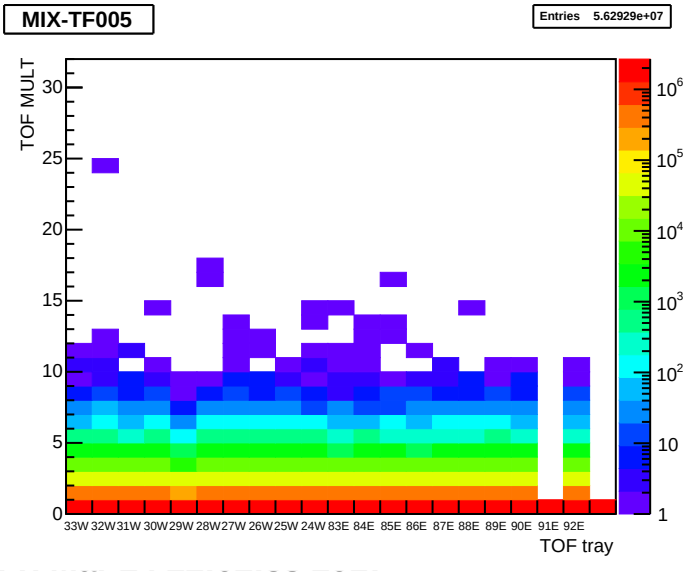

BunchId7Bit (RPET)
Entries 576178

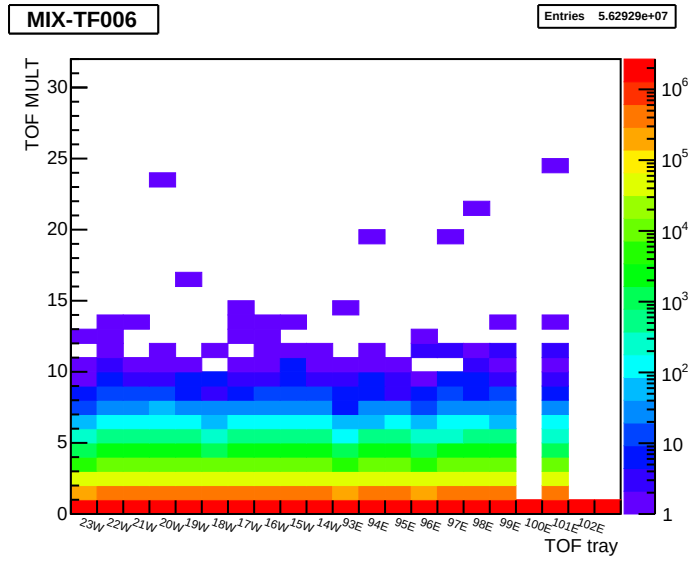

MIX-TF001
Entries 5.62929e+07
TOF MULT
TOF tray

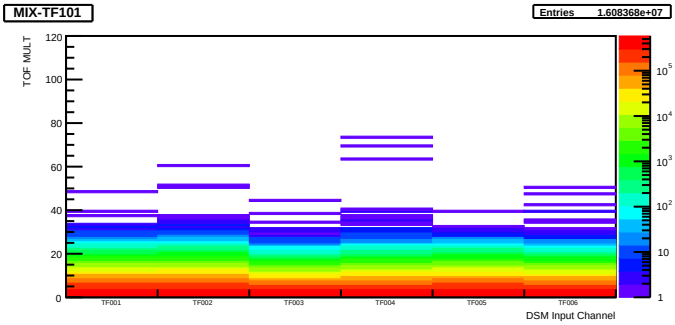

MIX-TF002
Entries 5.62929e+07
TOF MULT
TOF tray

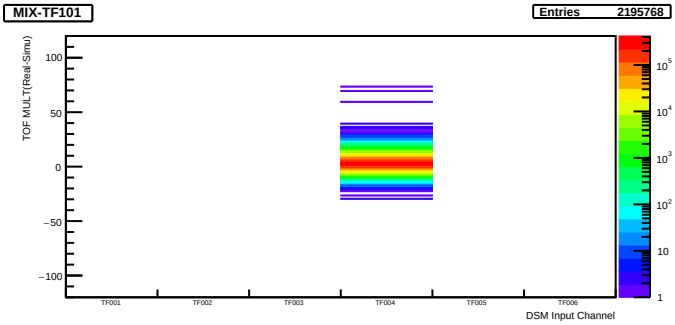

MIX-TF003
Entries 5.62929e+07
TOF MULT
TOF tray

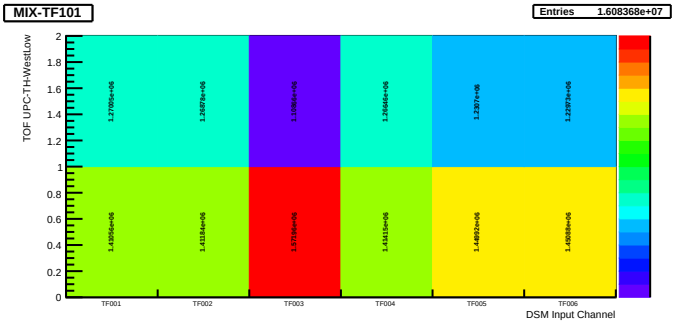

MIX-TF004
Entries 5.62929e+07
TOF MULT
TOF tray

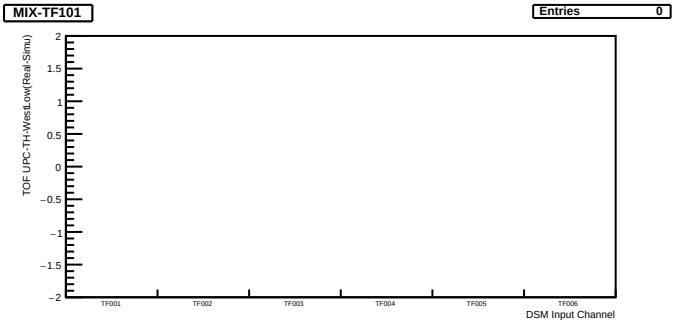

MIX-TF005
Entries 5.62929e+07
TOF MULT
TOF tray

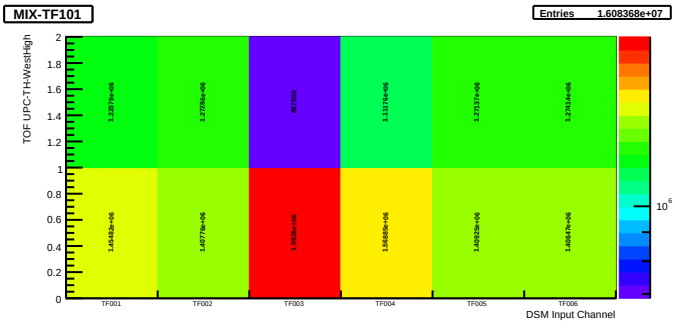

MIX-TF006
Entries 5.62929e+07
TOF MULT
TOF tray

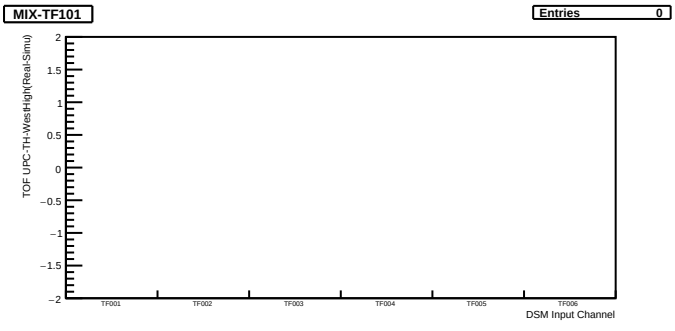

MIX-TF101
Entries 1.608368e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

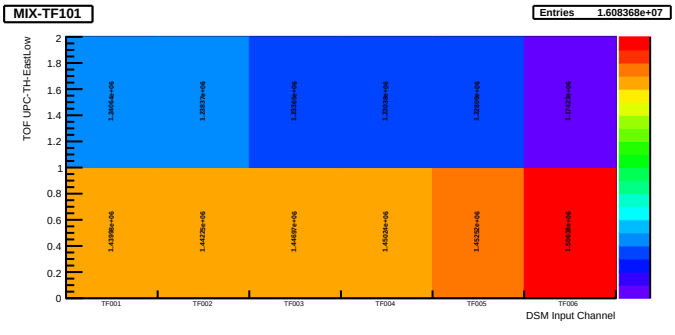

MIX-TF101
Entries 2195768
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

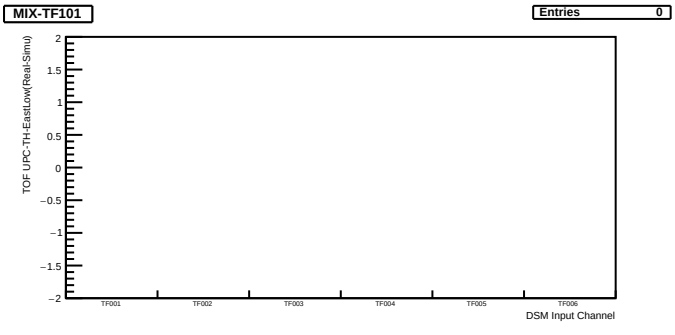

MIX-TF101
Entries 1.608368e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

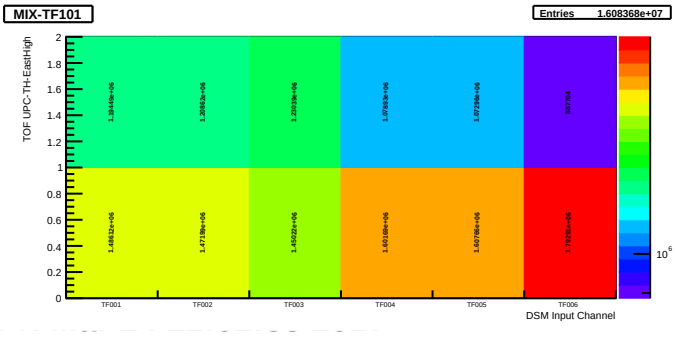

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

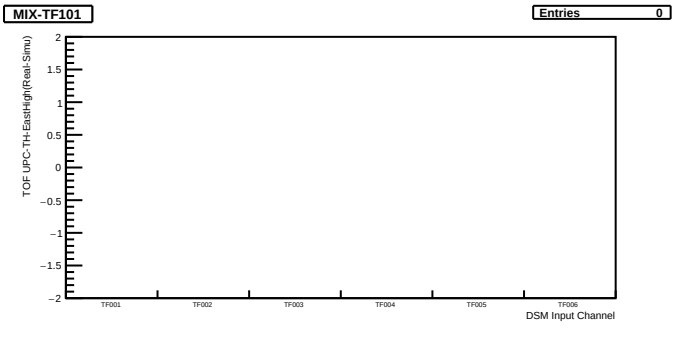

MIX-TF101
Entries 1.608368e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

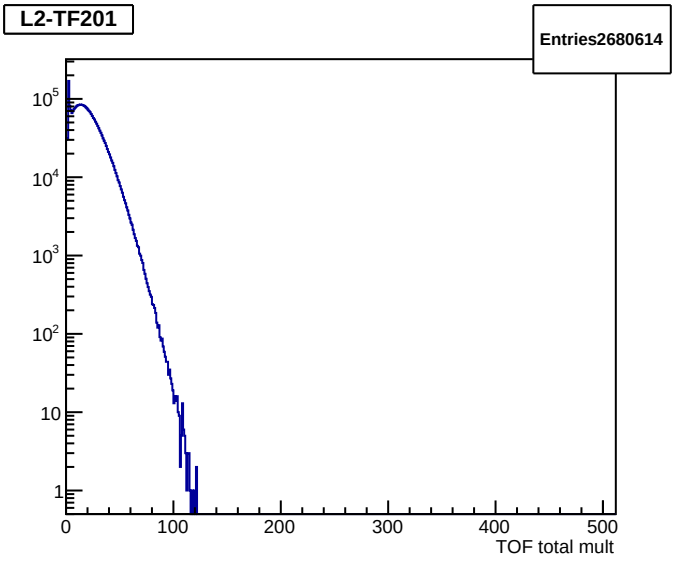

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

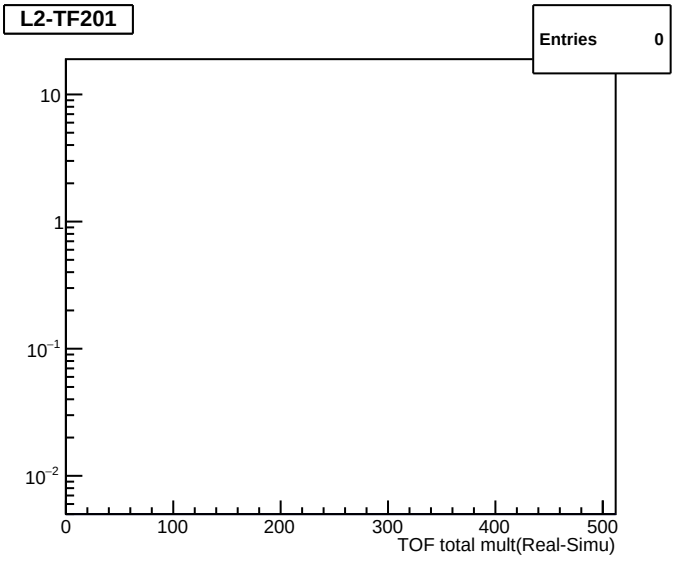

MIX-TF101
Entries 1.608368e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

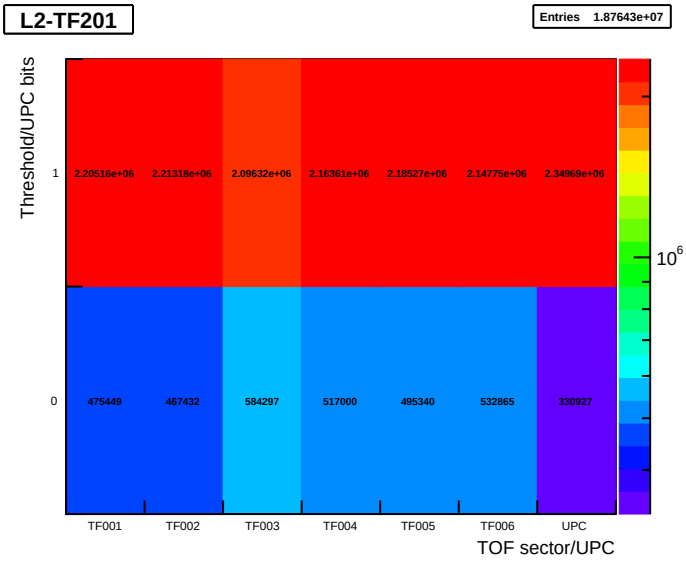

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

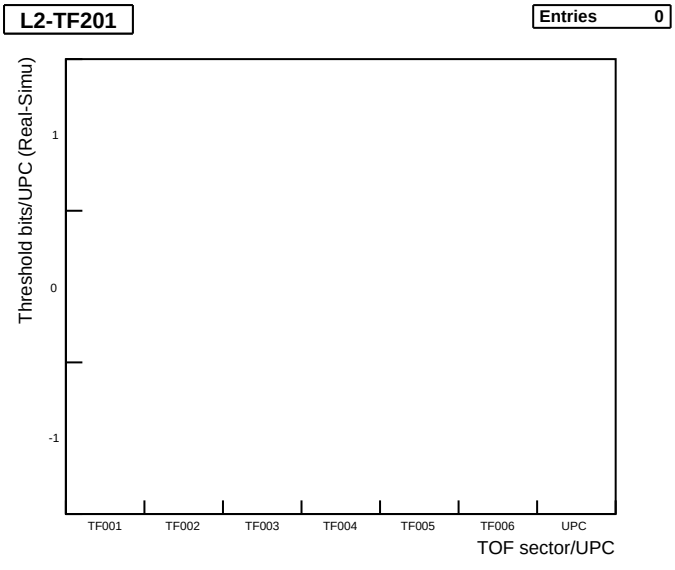

MIX-TF101
Entries 1.608368e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

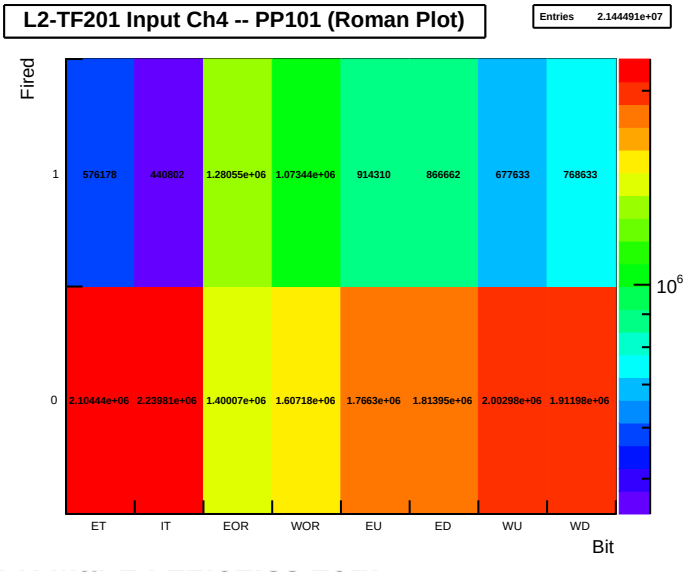

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

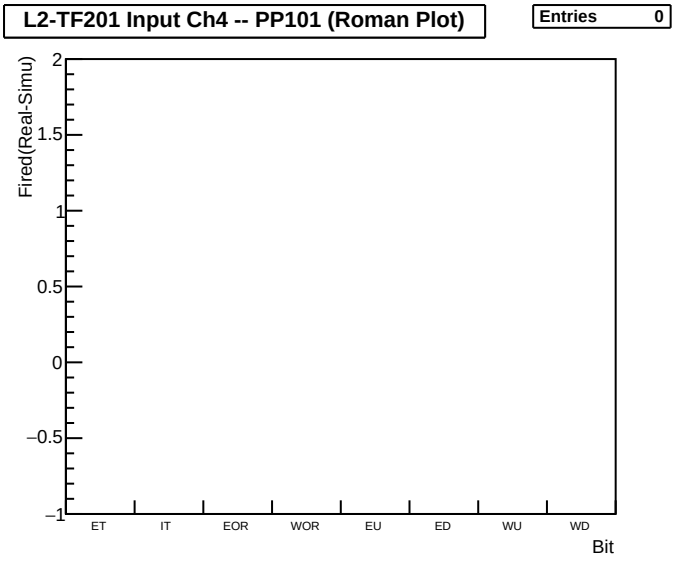

L2-TF201
Entries2680614
TOF total mult

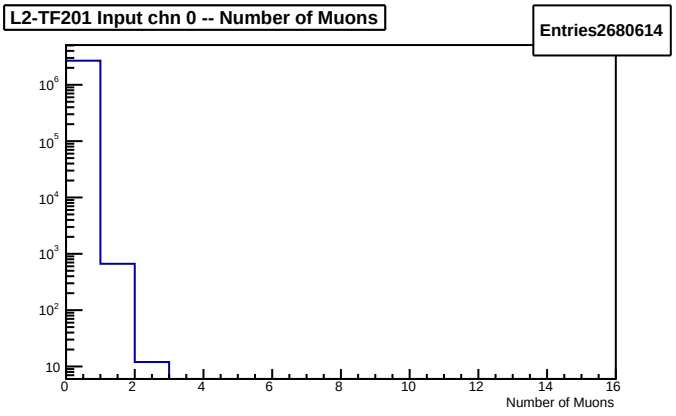

L2-TF201
Entries 0
TOF total mult(Real-Simu)

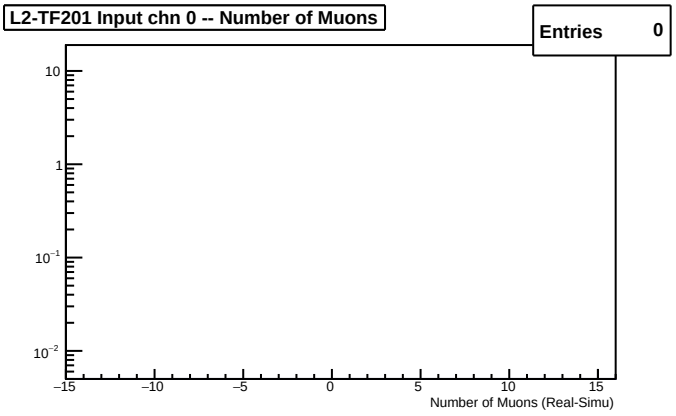

L2-TF201
Entries 1.87643e+07
Threshold/UPC bits
2.20516e+06
2.21318e+06
2.09632e+06
2.16361e+06
2.18527e+06
2.14775e+06
2.34969e+06
475449
467432
584297
517000
495340
532865
330927
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

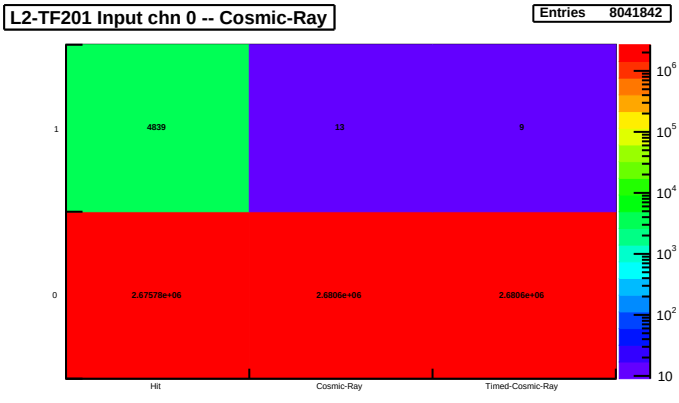

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

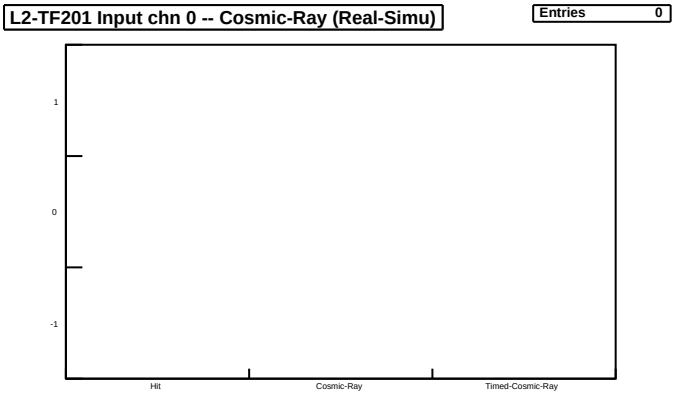

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.144491e+07
Fired
576178
440802
1.28055e+06
1.07344e+06
914310
866662
677633
768633
2.10444e+06
2.23981e+06
1.40007e+06
1.60718e+06
1.7663e+06
1.81395e+06
2.00298e+06
1.91198e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

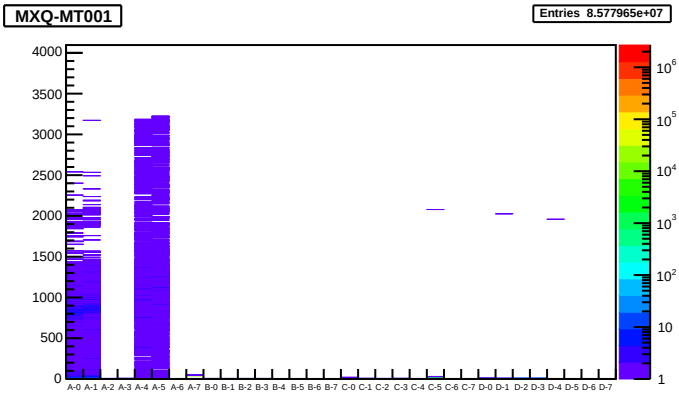

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

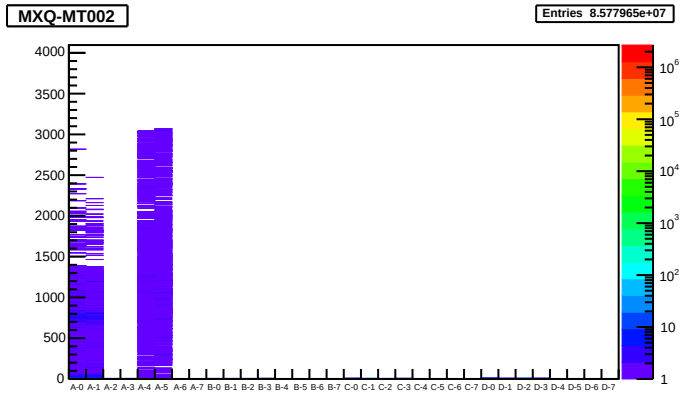

L2-TF201 Input chn 0 -- Number of Muons
Entries2680614
Number of Muons

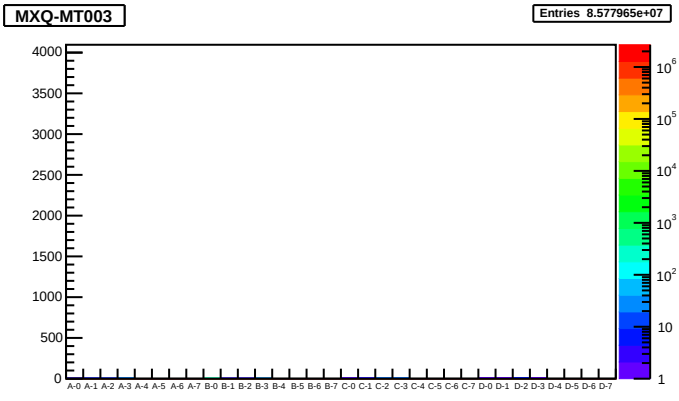

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

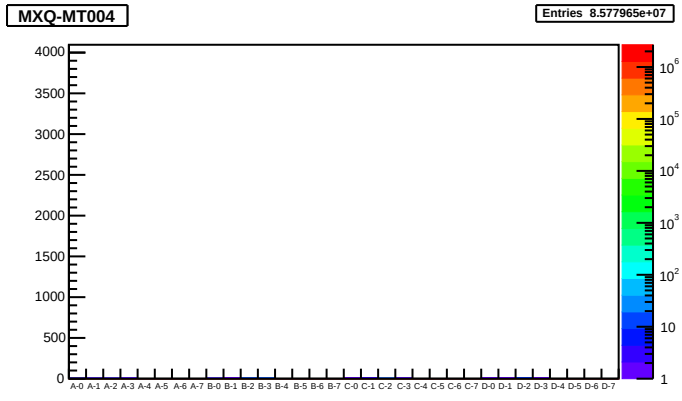

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8041842
4839
13
9
2.67578e+06
2.6806e+06
2.6806e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

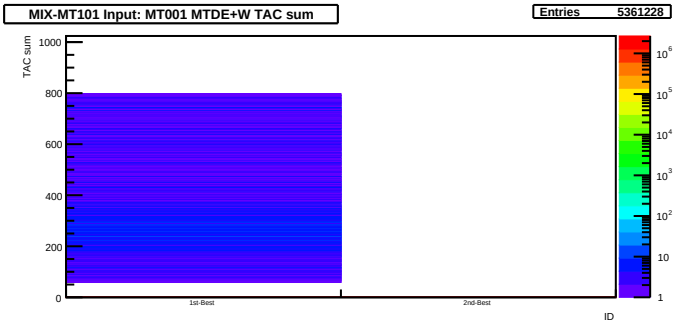

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

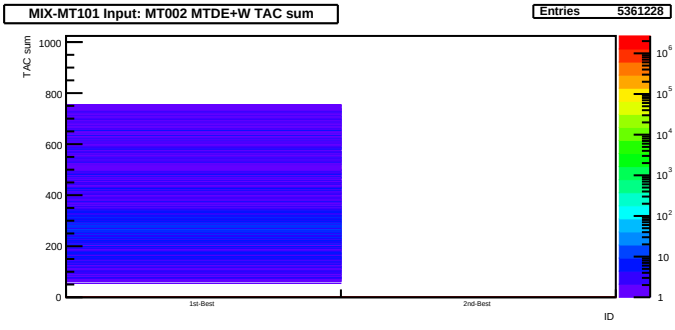

MXQ-MT001
Entries 8.577965e+07

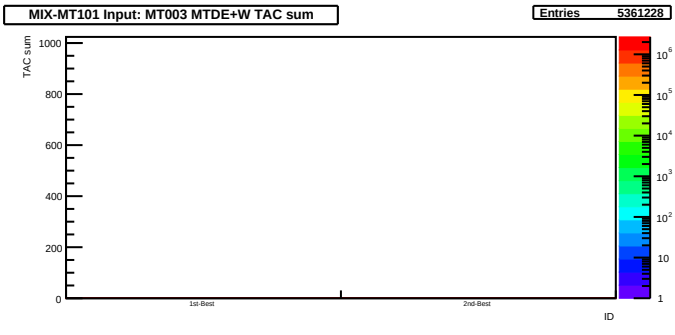

MXQ-MT002
Entries 8.577965e+07

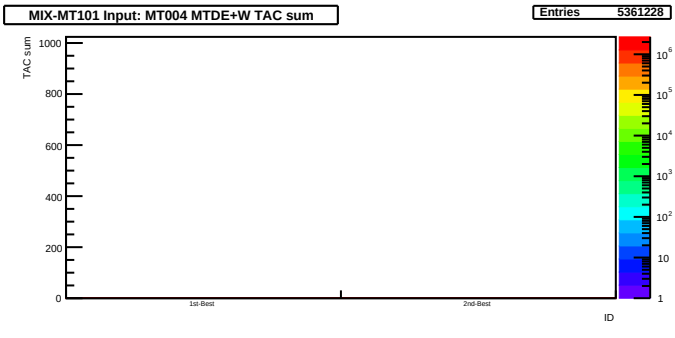

MXQ-MT003
Entries 8.577965e+07

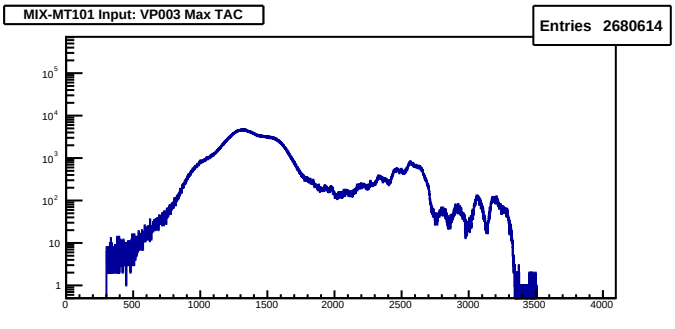

MXQ-MT004
Entries 8.577965e+07

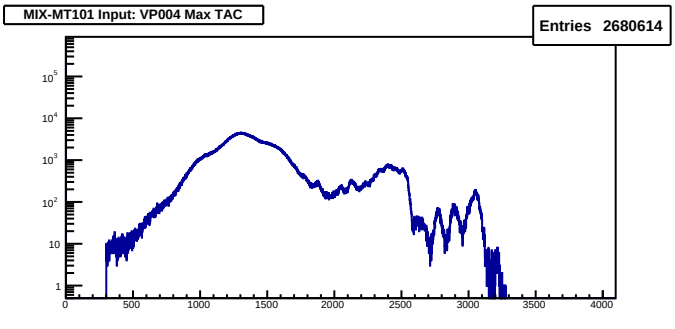

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5361228
TAC sum
1st-Best
2nd-Best
ID

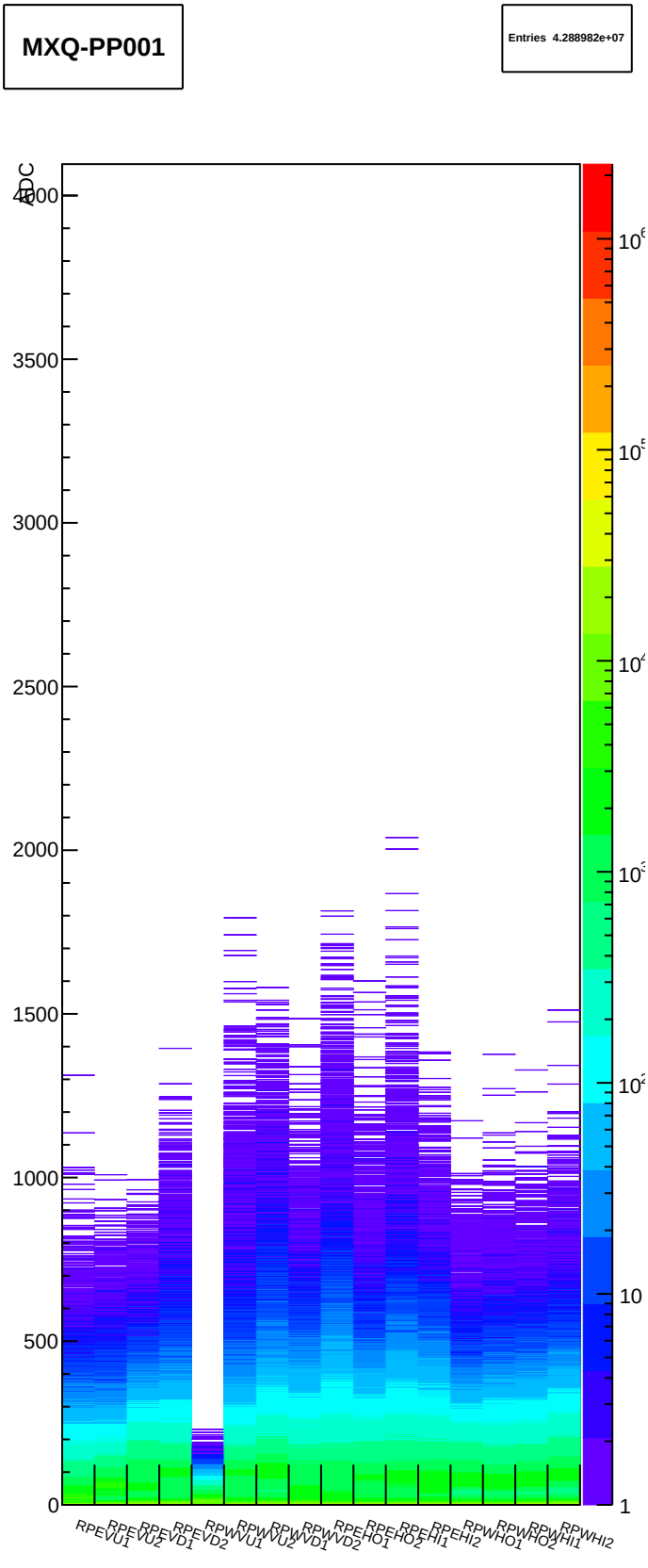

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5361228
TAC sum
1st-Best
2nd-Best
ID

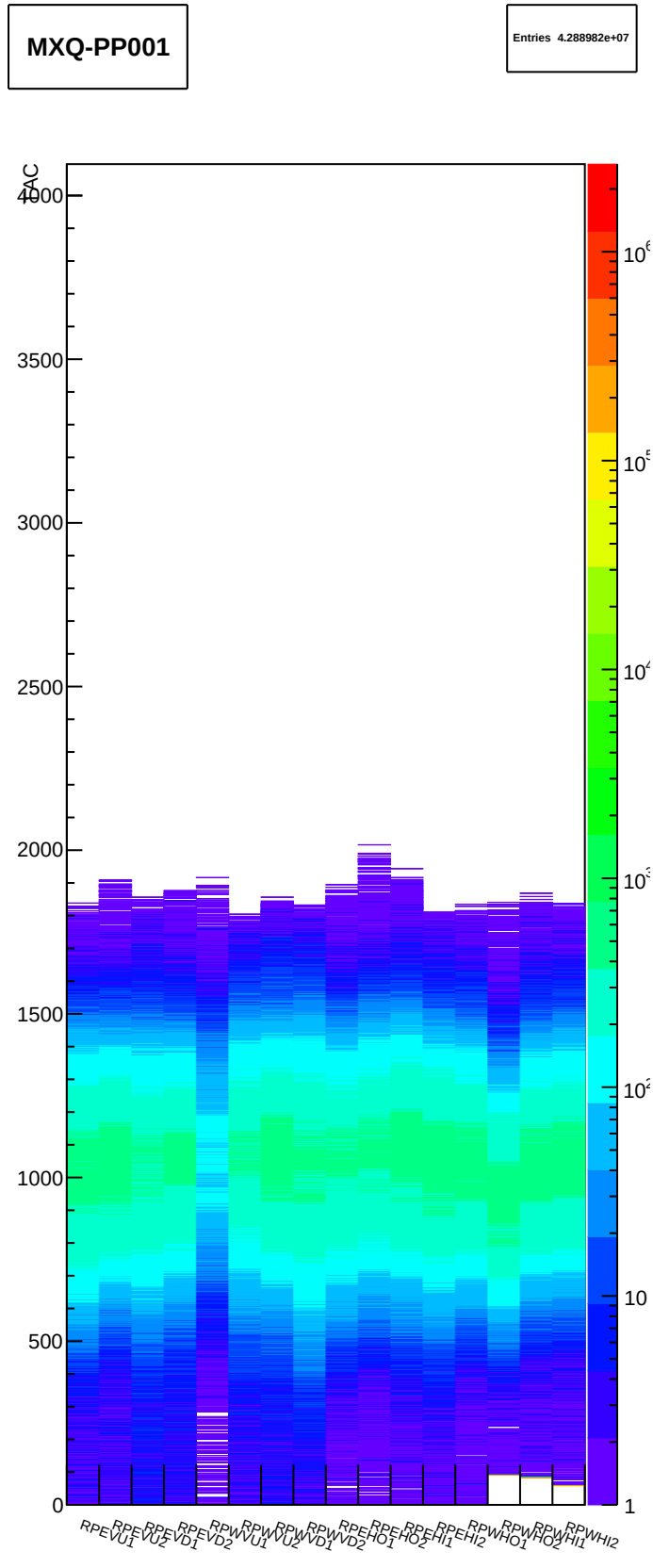

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5361228
TAC sum
1st-Best
2nd-Best
ID

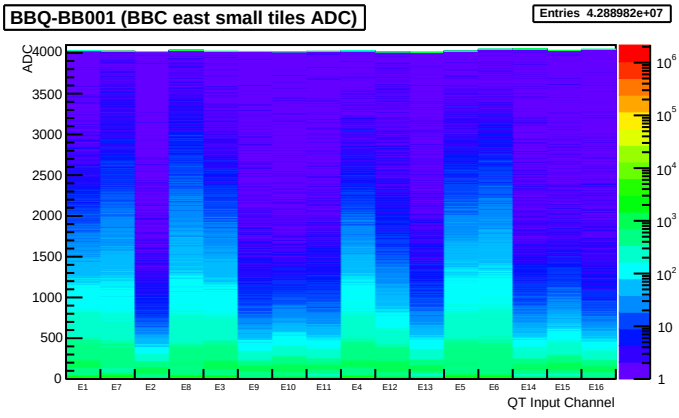

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5361228
TAC sum
1st-Best
2nd-Best
ID

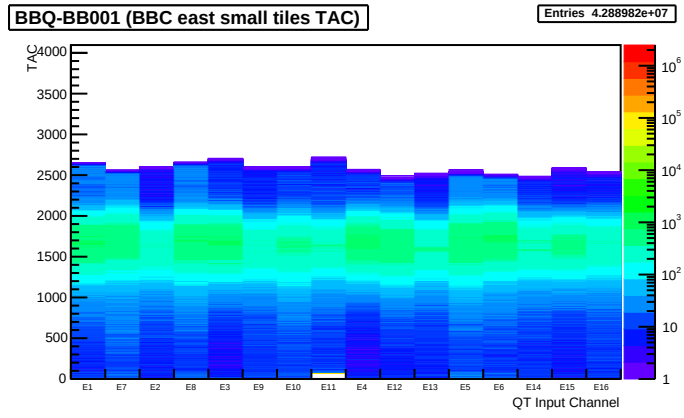

MIX-MT101 Input: VP003 Max TAC
Entries 2680614

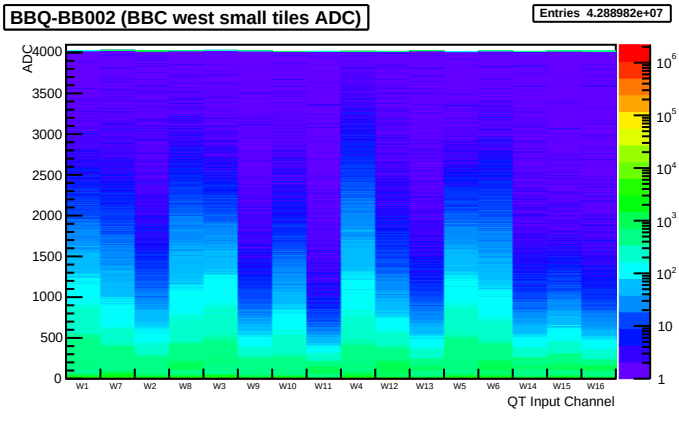

MIX-MT101 Input: VP004 Max TAC
Entries 2680614

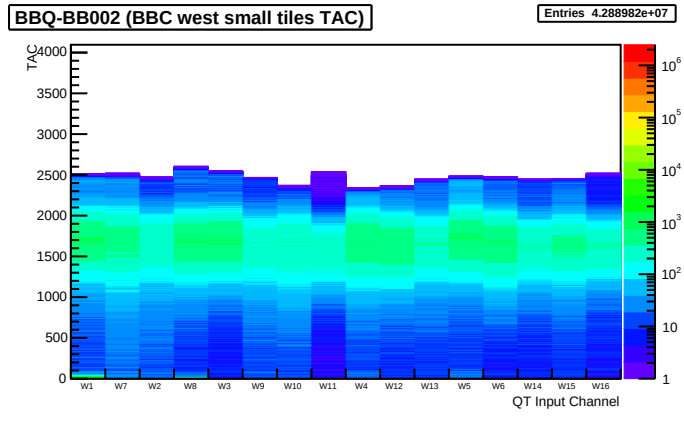

MXQ-PP001
Entries 4.288982e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

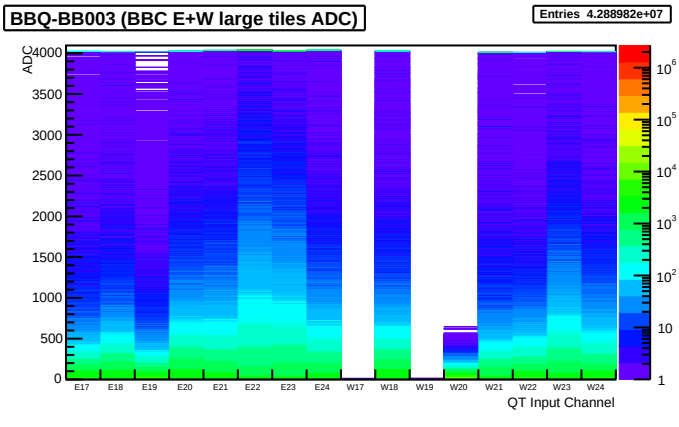

MXQ-PP001
Entries 4.288982e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

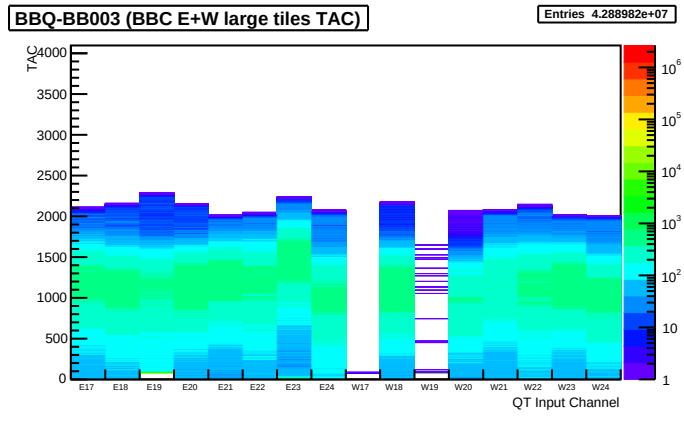

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.288982e+07
ADC
QT Input Channel

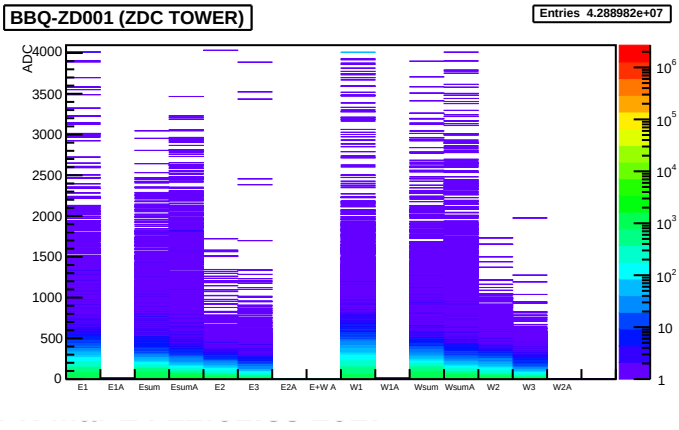

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.288982e+07
TAC
QT Input Channel

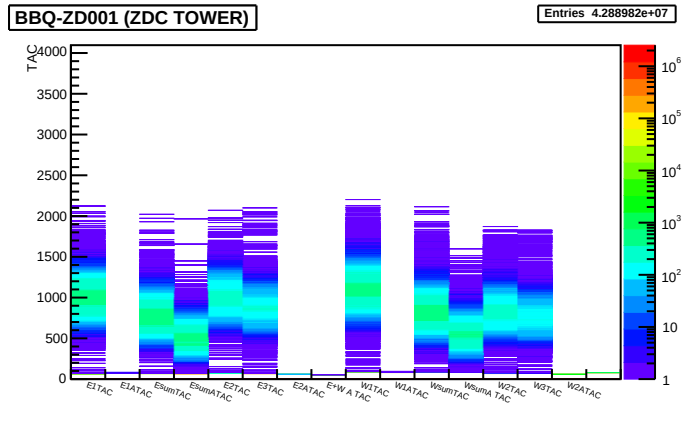

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.288982e+07
ADC
QT Input Channel

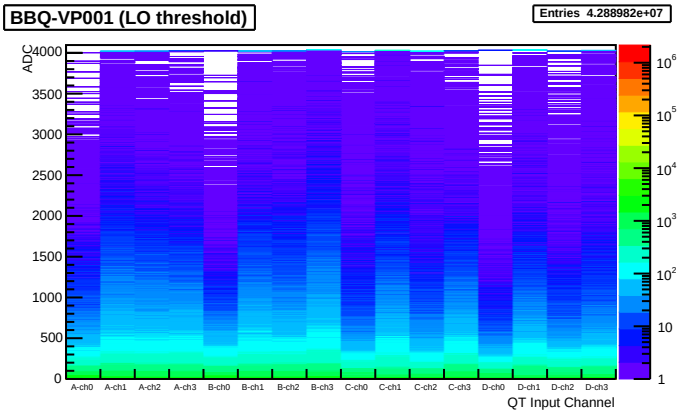

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.288982e+07
TAC
QT Input Channel

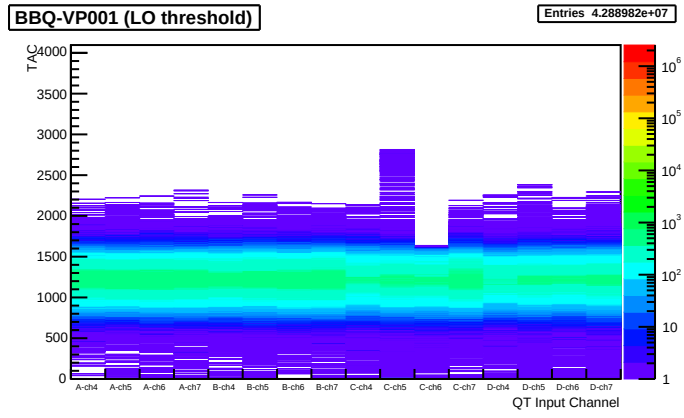

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.288982e+07
ADC
QT Input Channel

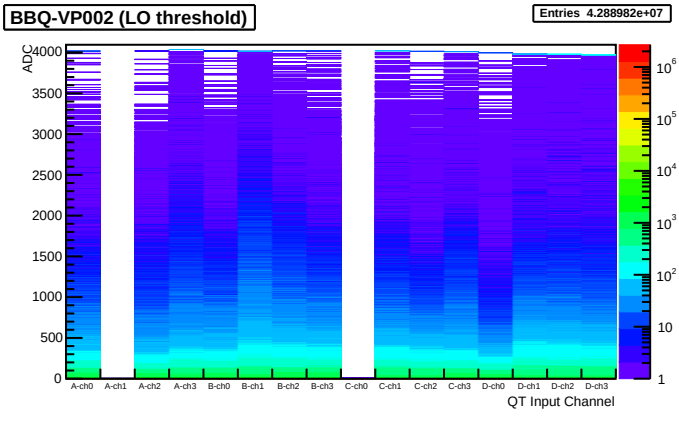

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.288982e+07
TAC
QT Input Channel

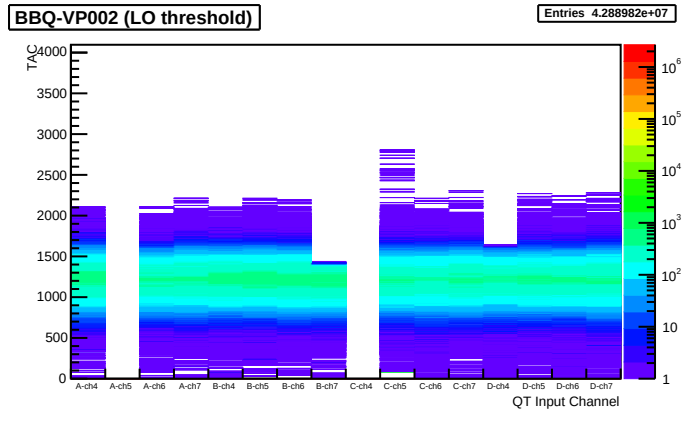

BBQ-ZD001 (ZDC TOWER)
Entries 4.288982e+07
ADC

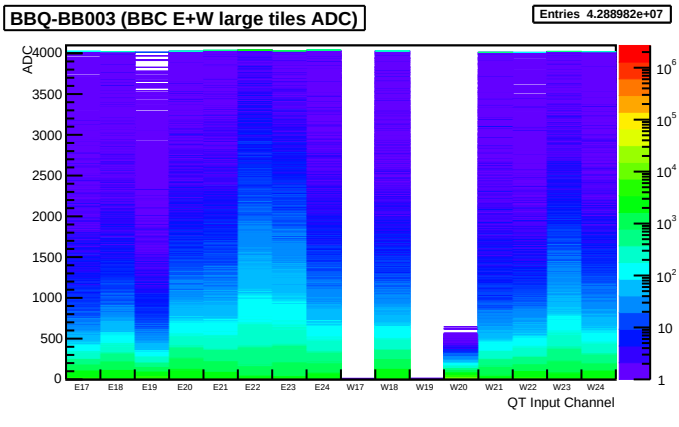

BBQ-ZD001 (ZDC TOWER)
Entries 4.288982e+07
TAC

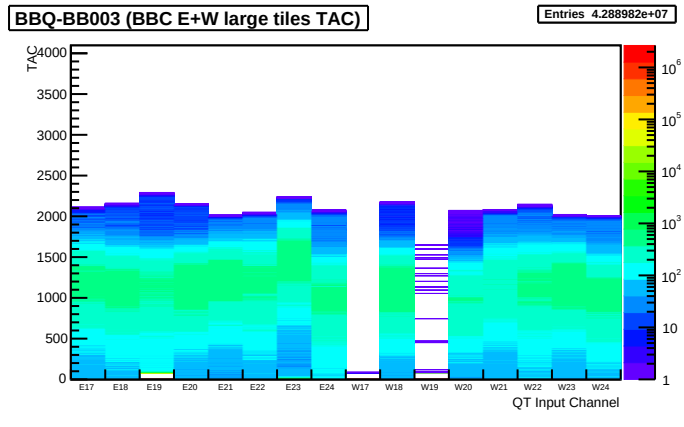

BBQ-VP001 (LO threshold)
Entries 4.288982e+07
ADC
QT Input Channel

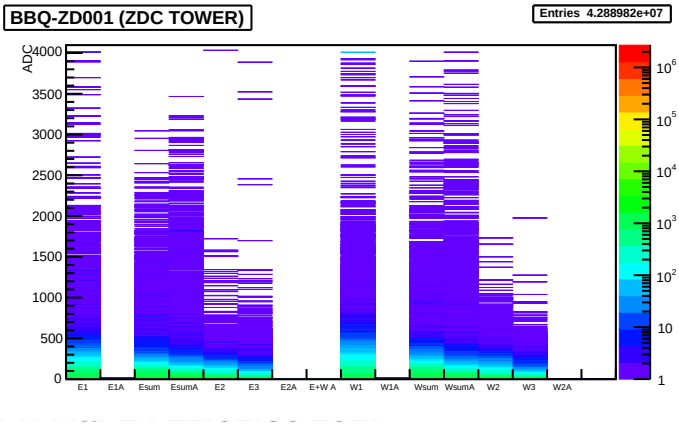

BBQ-VP001 (LO threshold)
Entries 4.288982e+07
TAC
QT Input Channel

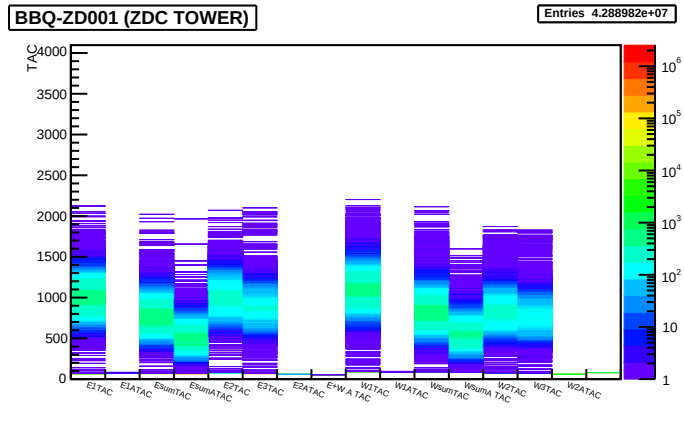

BBQ-VP002 (LO threshold)
Entries 4.288982e+07
ADC
QT Input Channel

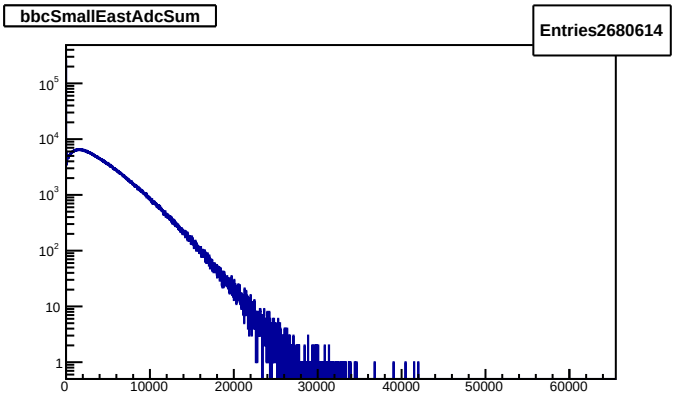

BBQ-VP002 (LO threshold)
Entries 4.288982e+07
TAC
QT Input Channel

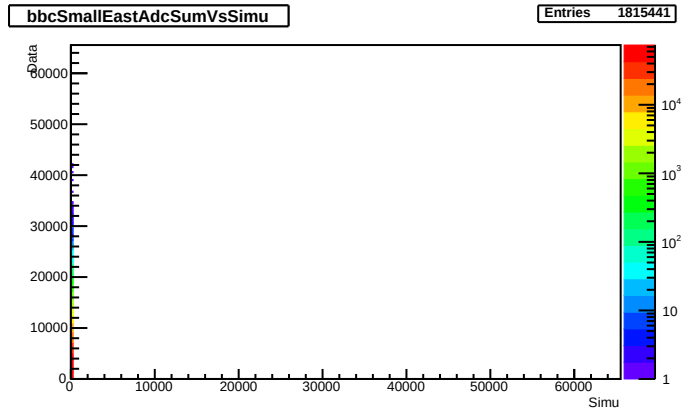

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.288982e+07
ADC
QT Input Channel

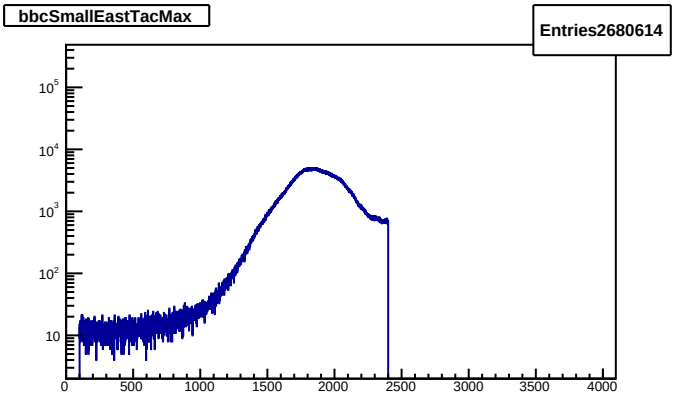

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.288982e+07
TAC
QT Input Channel

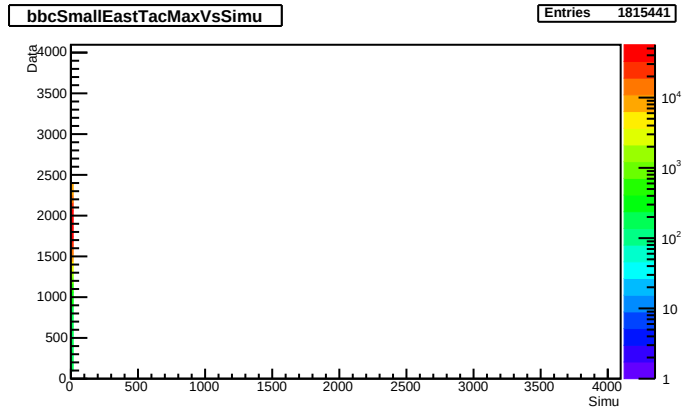

BBQ-ZD001 (ZDC TOWER)
Entries 4.288982e+07
ADC

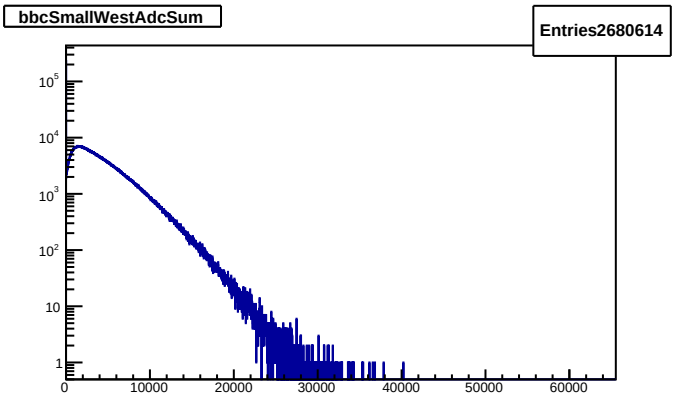

BBQ-ZD001 (ZDC TOWER)
Entries 4.288982e+07
TAC

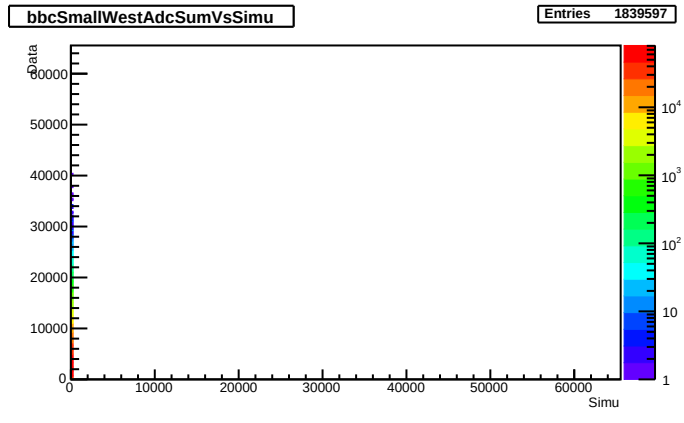

bbcSmallEastAdcSum
Entries2680614

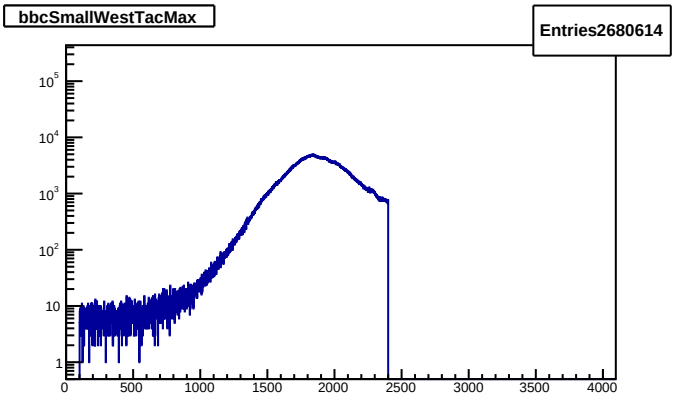

bbcSmallEastAdcSumVsSimu
Entries 1815441
Data
Simu

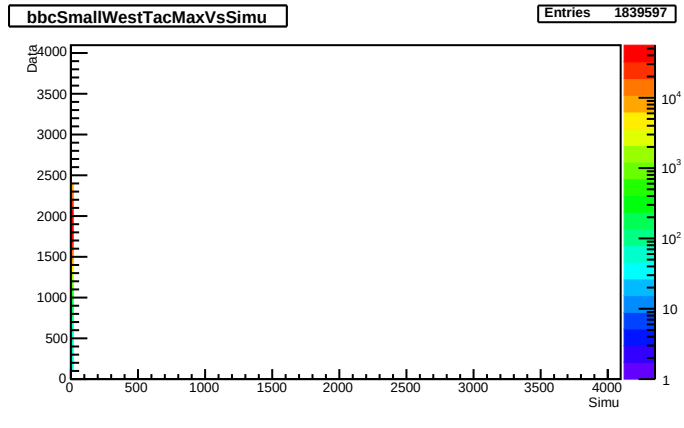

bbcSmallEastTacMax
Entries2680614

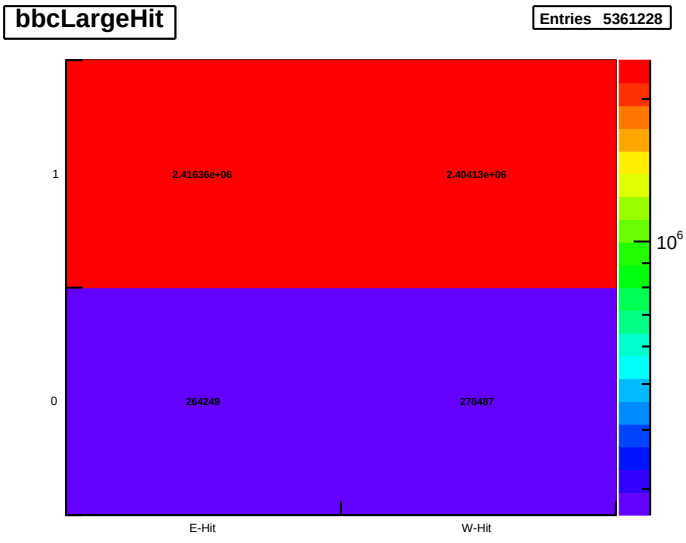

bbcSmallEastTacMaxVsSimu
Entries 1815441
Data
Simu

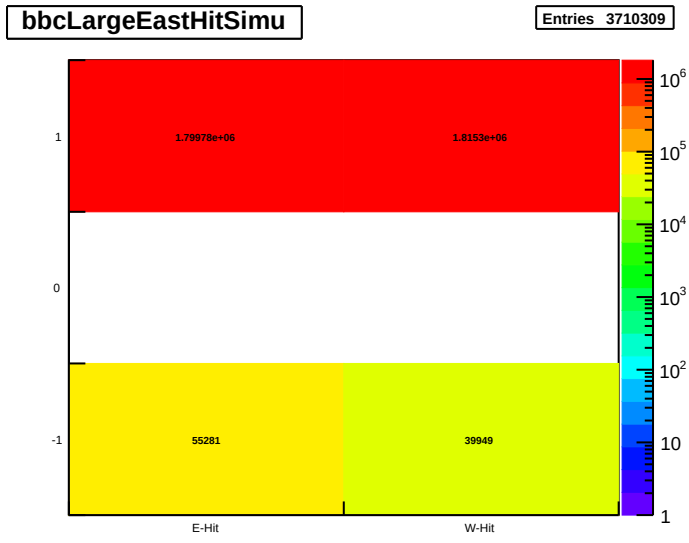

bbcSmallWestAdcSum
Entries2680614

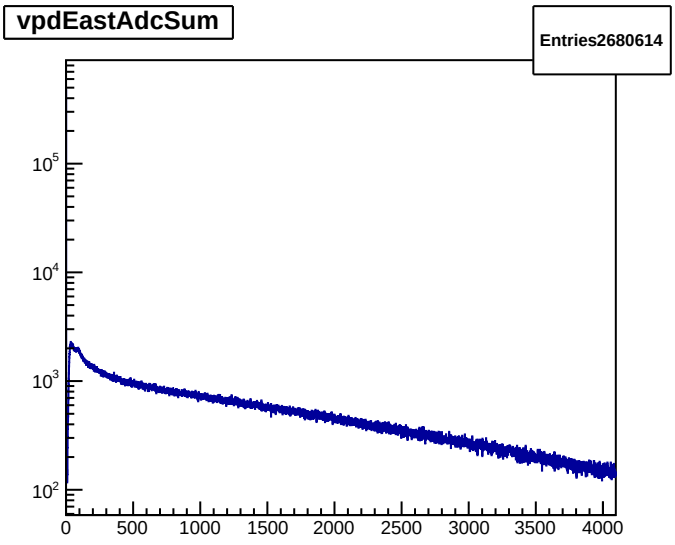

bbcSmallWestAdcSumVsSimu
Entries 1839597
Data
Simu

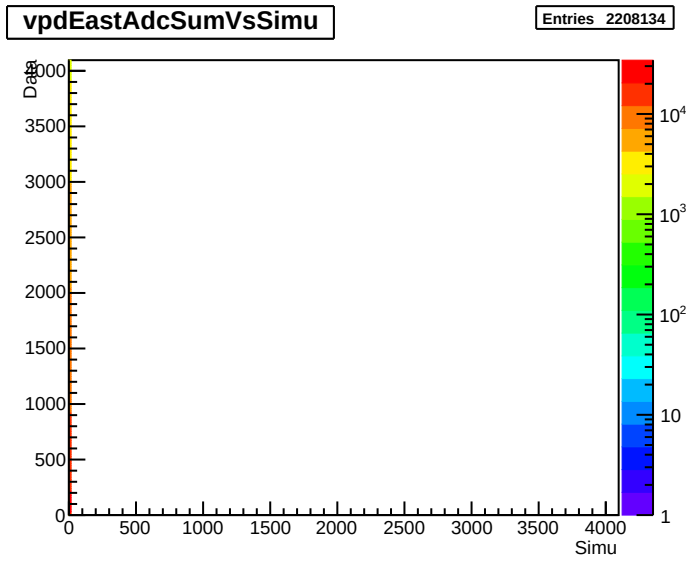

bbcSmallWestTacMax
Entries2680614

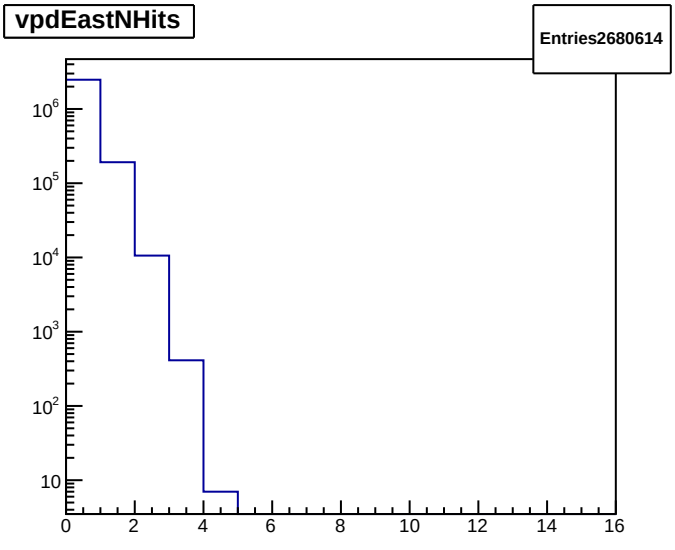

bbcSmallWestTacMaxVsSimu
Entries 1839597
Data
Simu

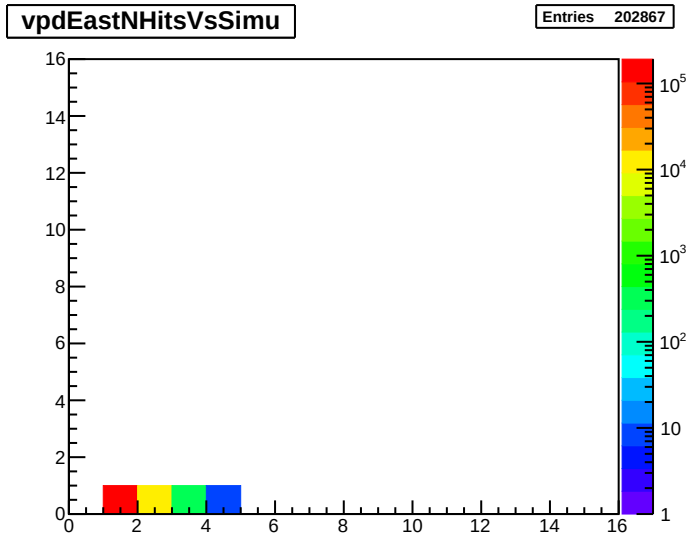

bbcLargeHit
Entries 5361228
1
0
2.41636e+06
2.40413e+06
264249
276487
E-Hit
W-Hit
10^6

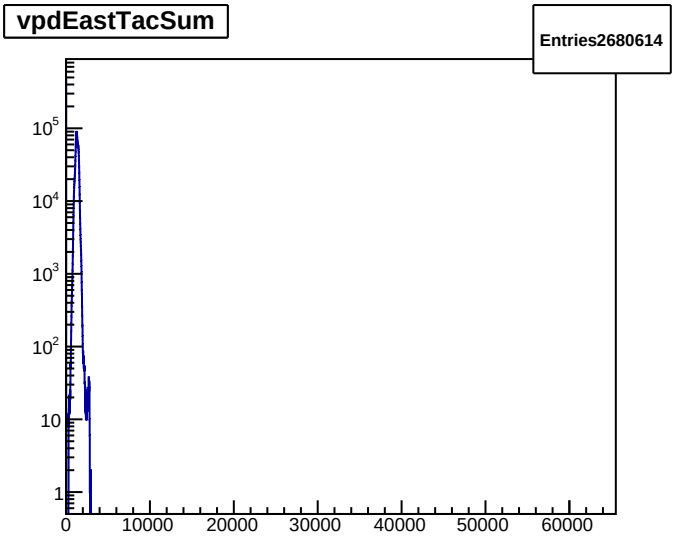

bbcLargeEastHitSimu
Entries 3710309
1
0
-1
1.79978e+06
1.8153e+06
55281
39949
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

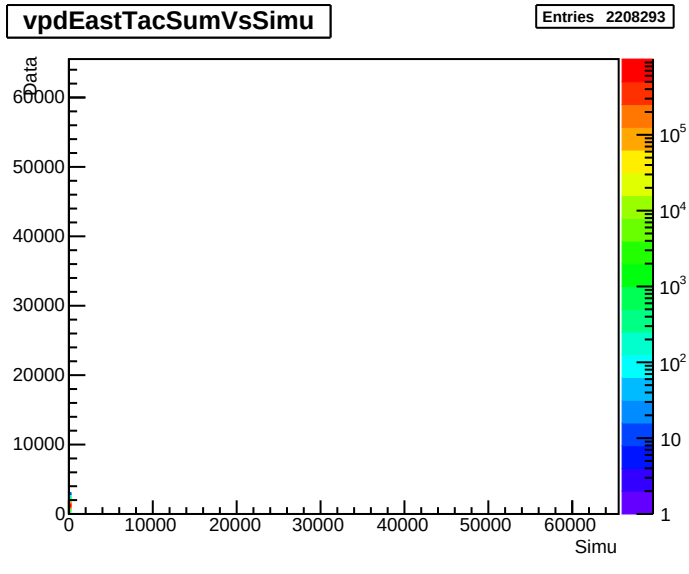

vpdEastAdcSum
Entries2680614

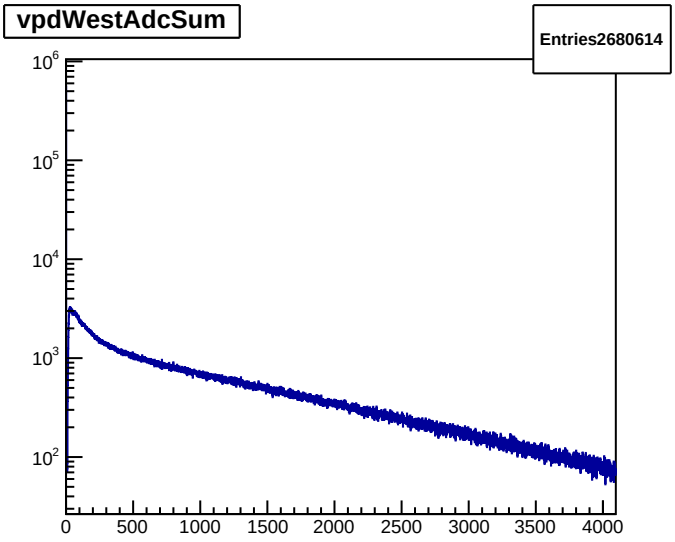

vpdEastAdcSumVsSimu
Entries 2208134
Data
Simu

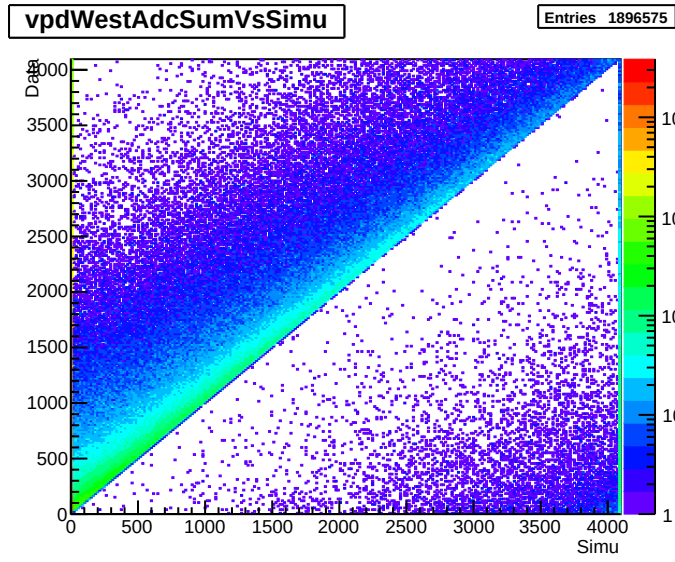

vpdEastNHits
Entries2680614

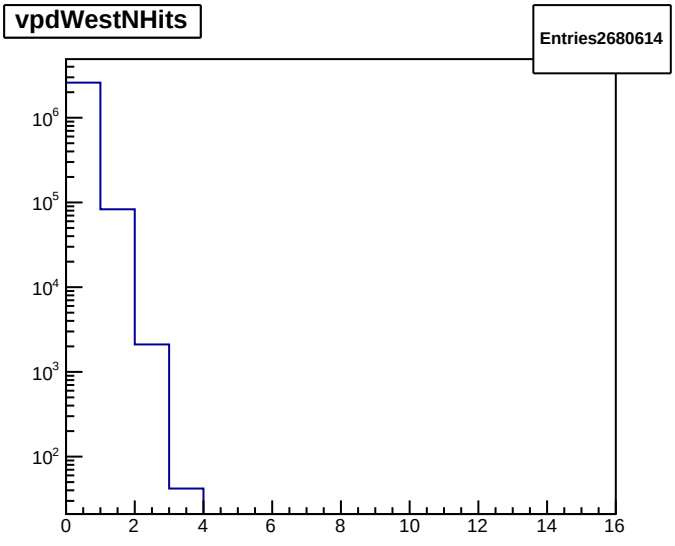

vpdEastNHitsVsSimu
Entries 202867

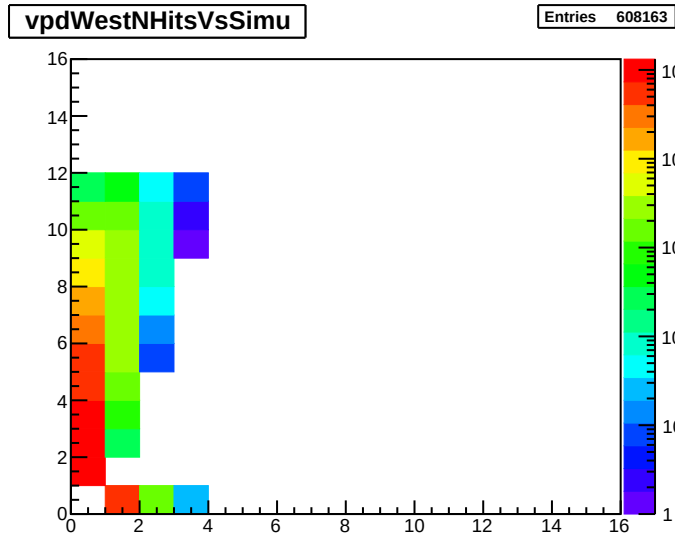

vpdEastTacSum
Entries2680614

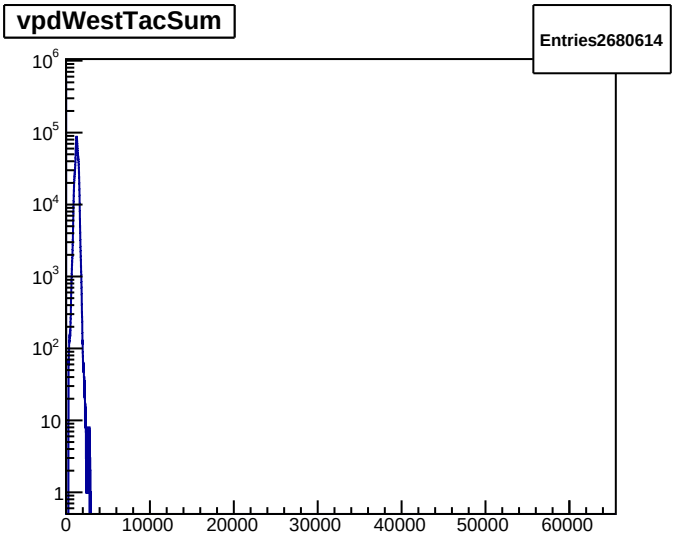

vpdEastTacSumVsSimu
Entries 2208293
Data
Simu

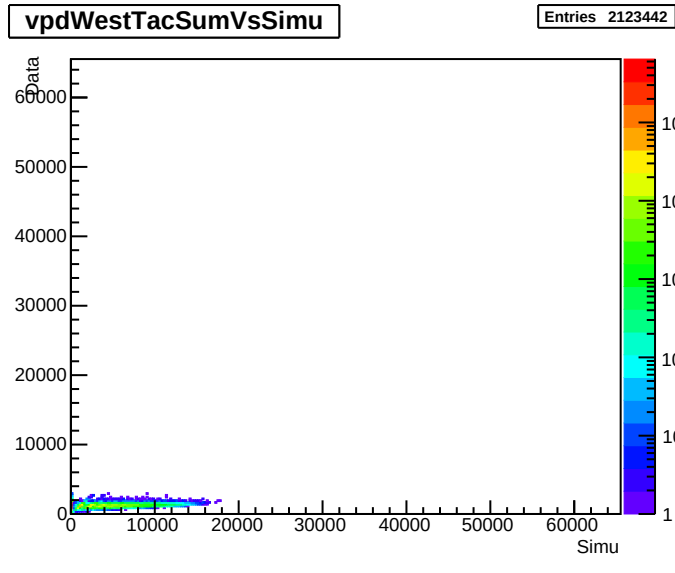

vpdWestAdcSum
Entries2680614

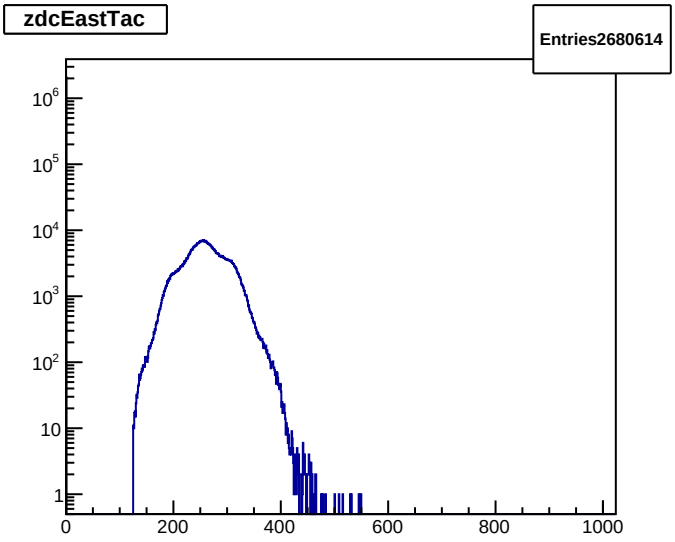

vpdWestAdcSumVsSimu
Entries 1896575
Data
Simu

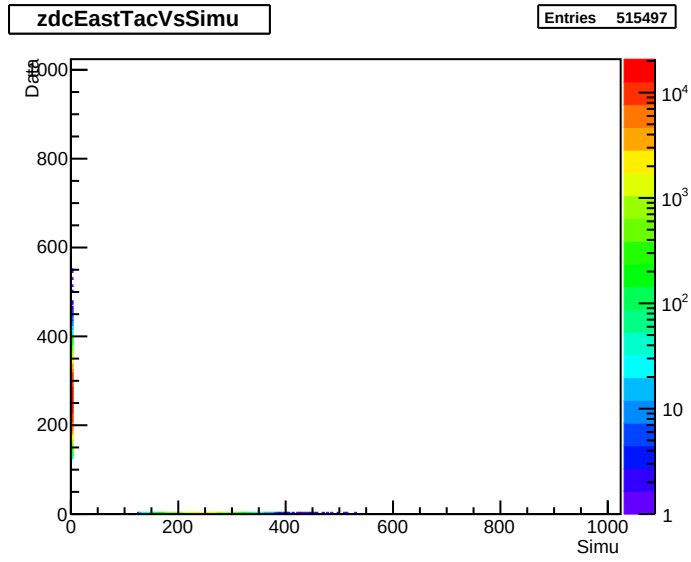

vpdWestNHits
Entries2680614

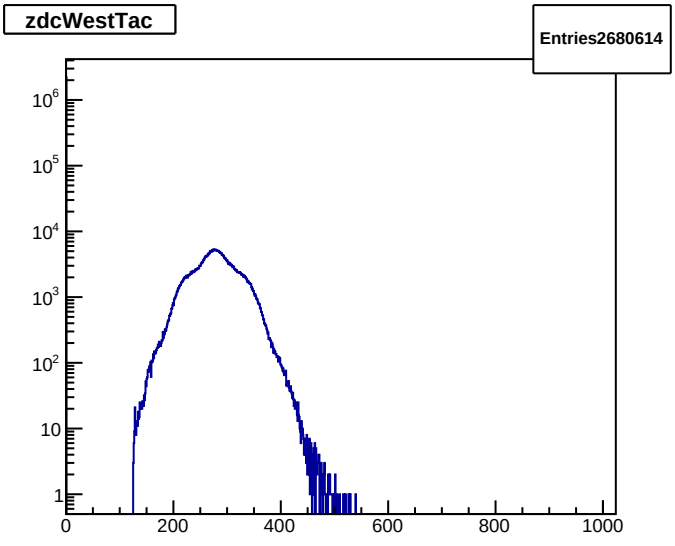

vpdWestNHitsVsSimu
Entries 608163

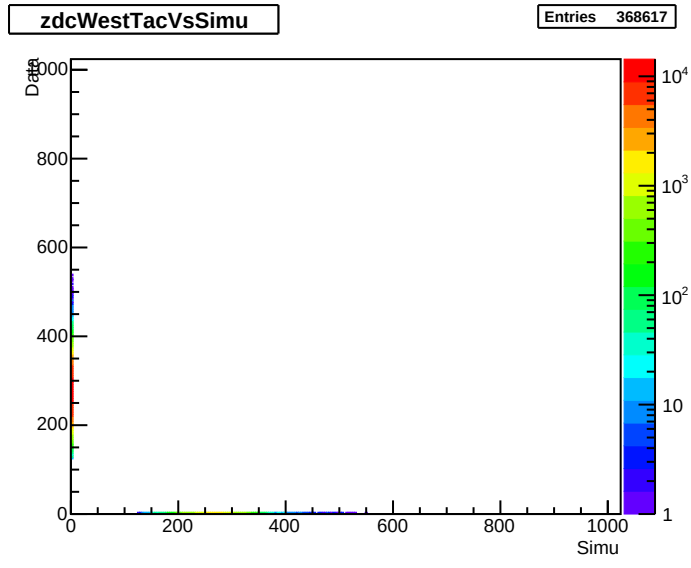

vpdWestTacSum
Entries2680614

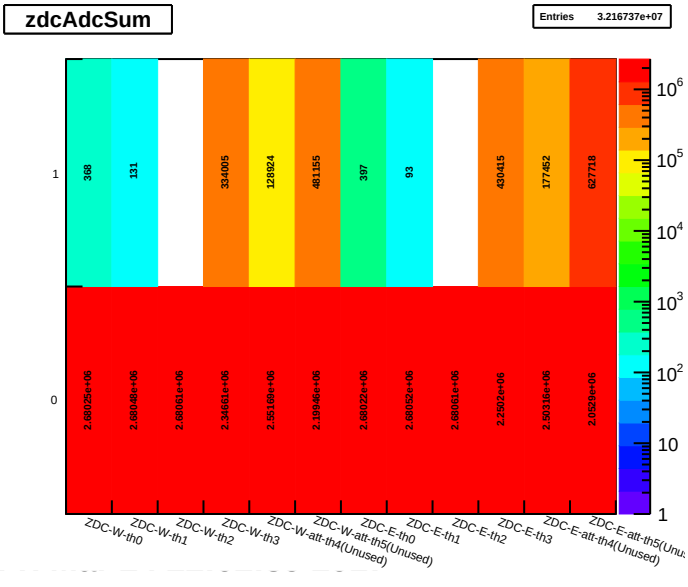

vpdWestTacSumVsSimu
Entries 2123442
Data
Simu

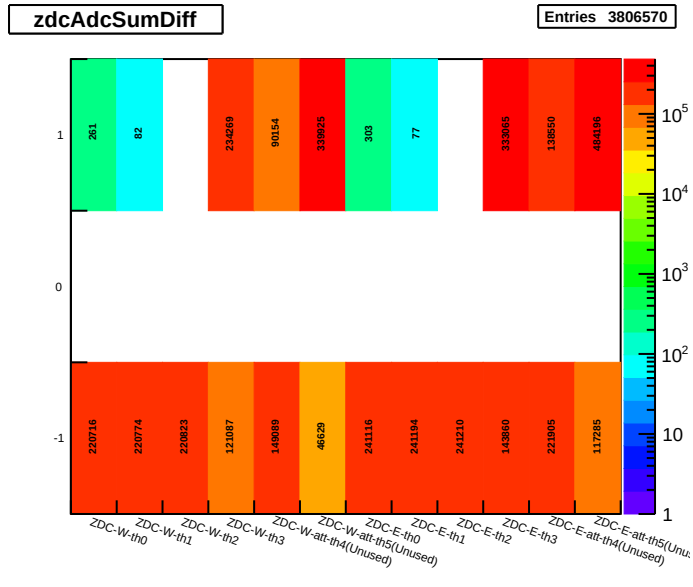

zdcEastTac
Entries2680614

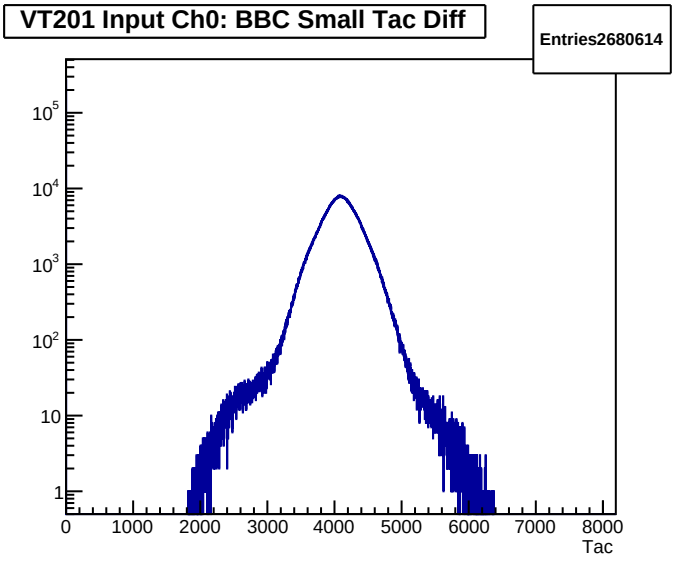

zdcEastTacVsSimu
Entries 515497
Data
Simu

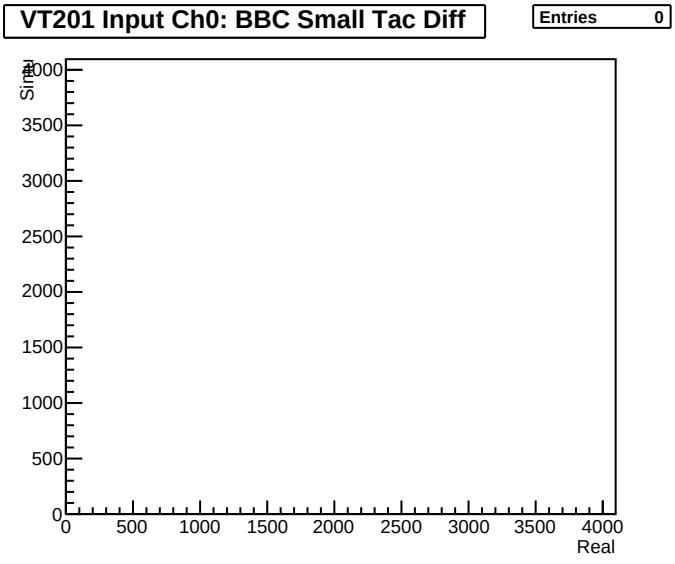

zdcWestTac
Entries2680614

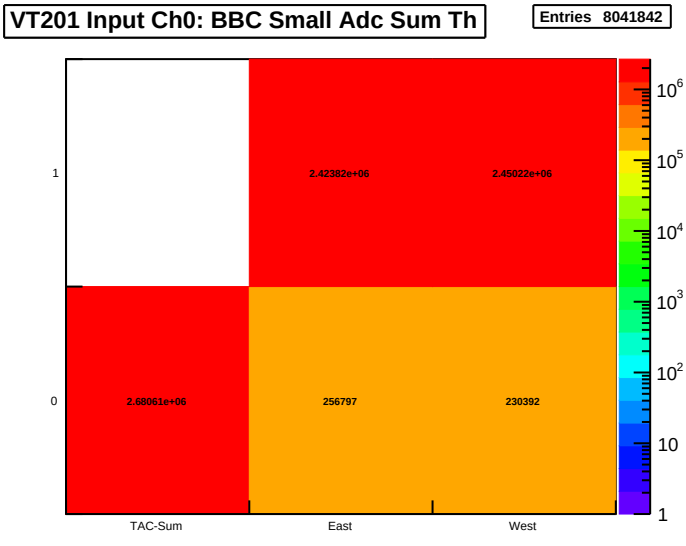

zdcWestTacVsSimu
Entries 368617
Data
Simu

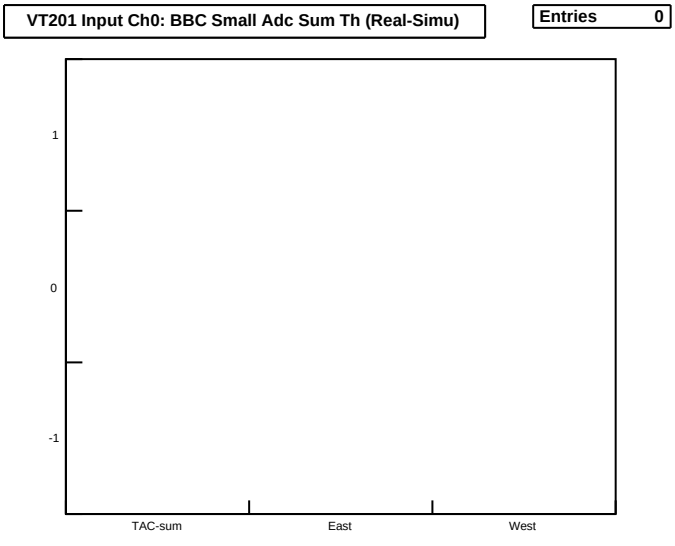

zdcAdcSum
Entries 3.216737e+07
368
131
334005
128924
481155
397
93
430415
177452
627718
2.68025e+06
2.69048e+06
2.68061e+06
2.34661e+06
2.55169e+06
2.19946e+06
2.68022e+06
2.68052e+06
2.69061e+06
2.22602e+06
2.50316e+06
2.0528e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

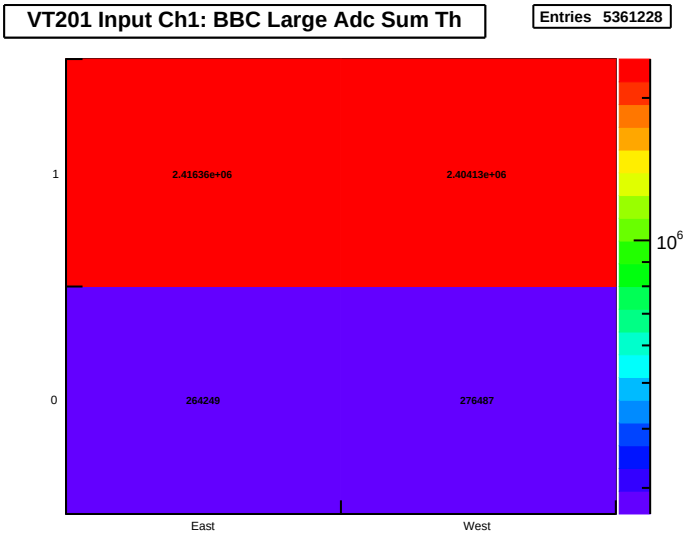

zdcAdcSumDiff
Entries 3806570
261
82
234269
90154
339825
303
77
333065
138550
484196
220716
220774
220623
121087
149089
46629
241116
241194
241210
143860
221905
117285
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

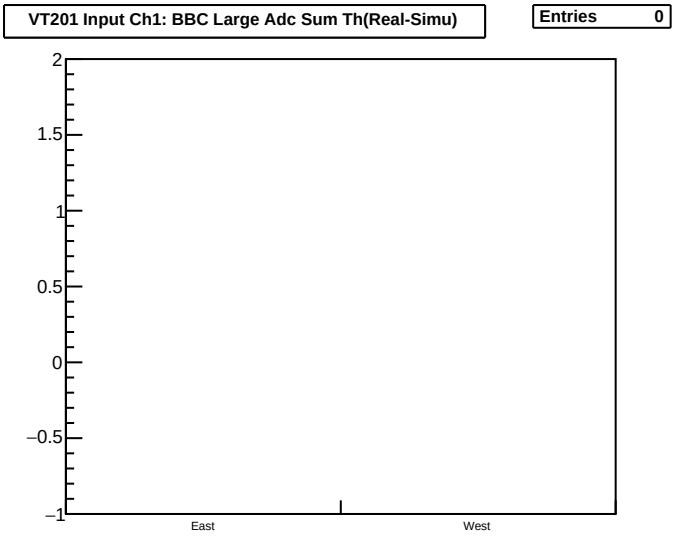

VT201 Input Ch0: BBC Small Tac Diff
Entries2680614
Tac


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

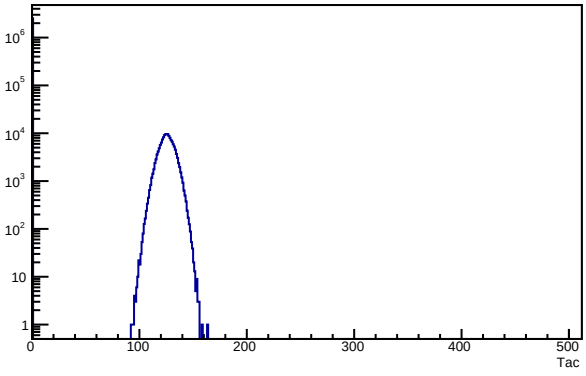

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8041842
2.42382e+06
2.45022e+06
2.68061e+06
256797
230392
TAC-Sum
East
West


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

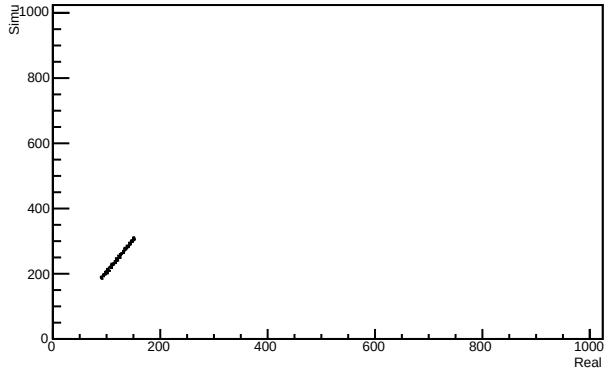

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5361228
2.41636e+06
2.40413e+06
264249
276487
East
West


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

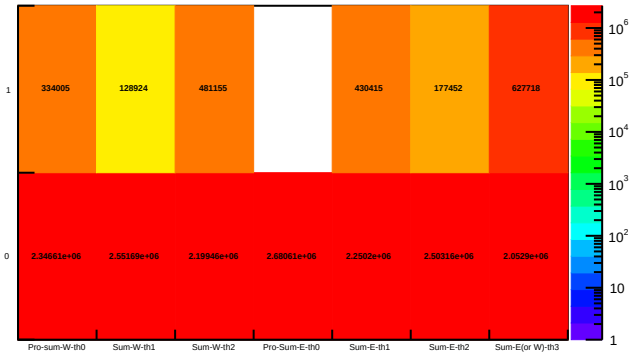
VT201 Input Ch2: ZDC Tac Diff



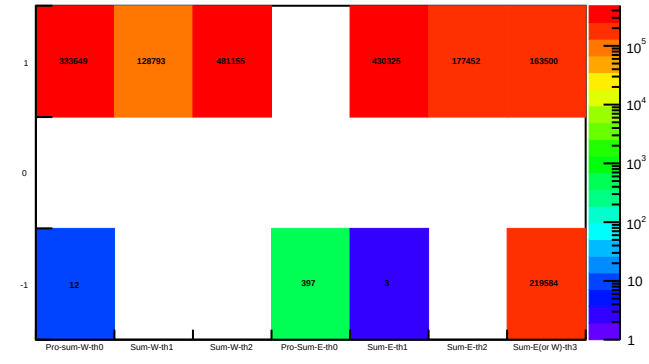
VT201 Input Ch2: ZDC Tac Diff



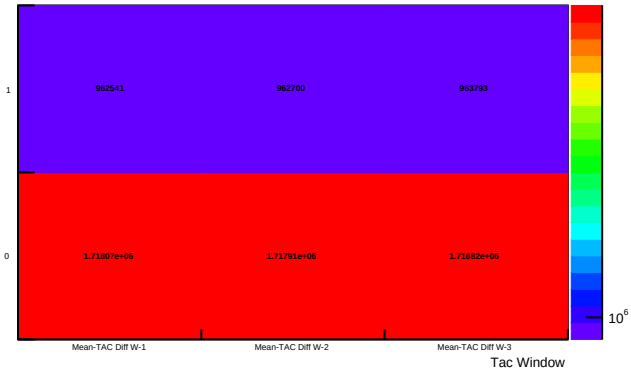
VT201 Input Ch2: ZDC Adc Sum Th



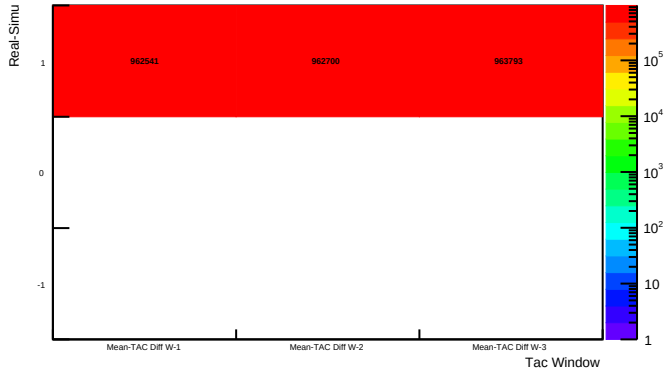
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



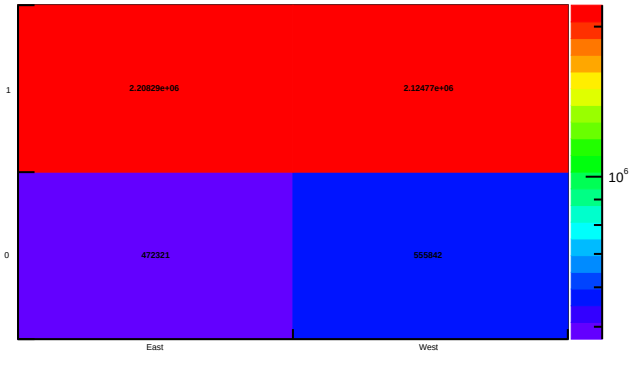
VT201 Input Ch4: VPD Tac Diff



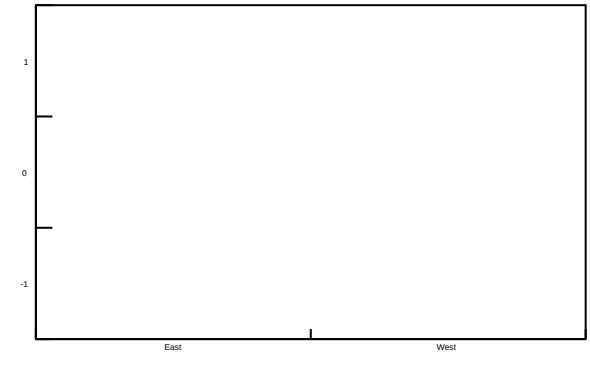
VT201 Input Ch4: VPD Tac Diff

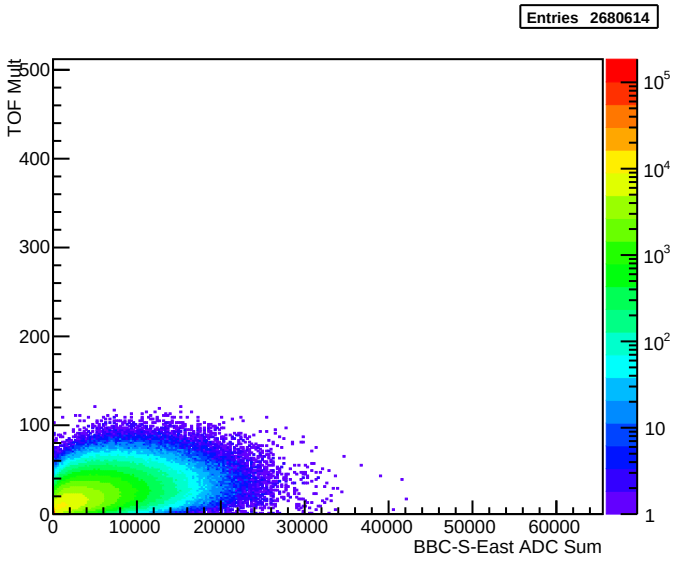


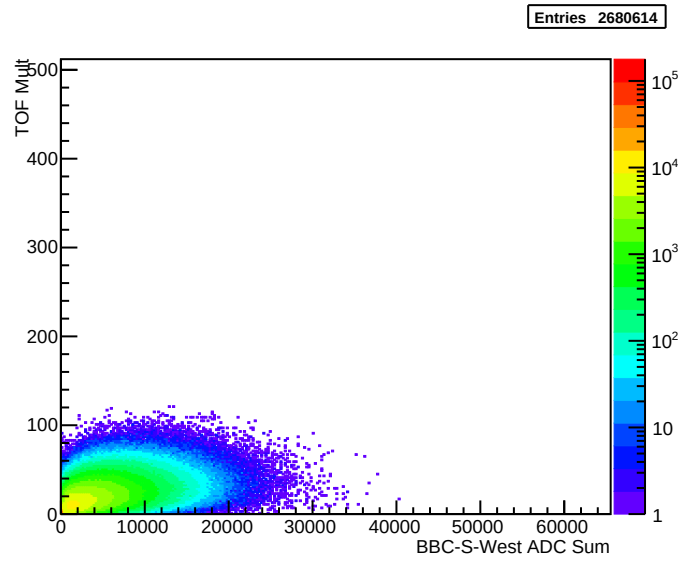
VT201 Input Ch4: VPD Adc Sum Th

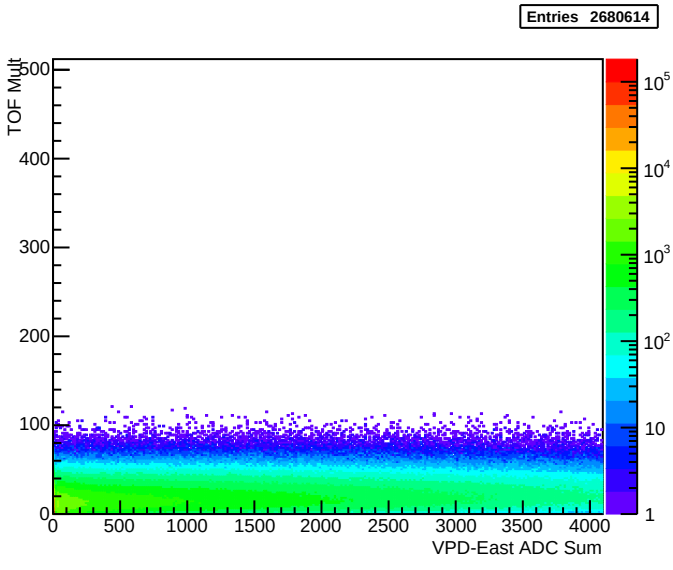


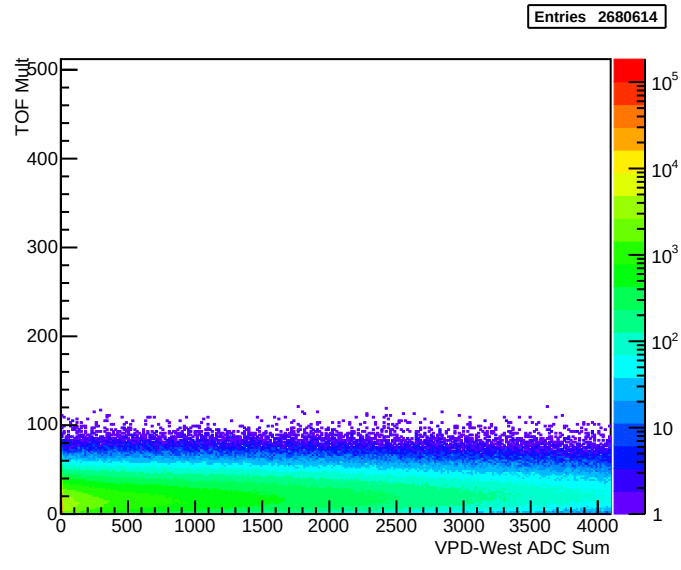
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

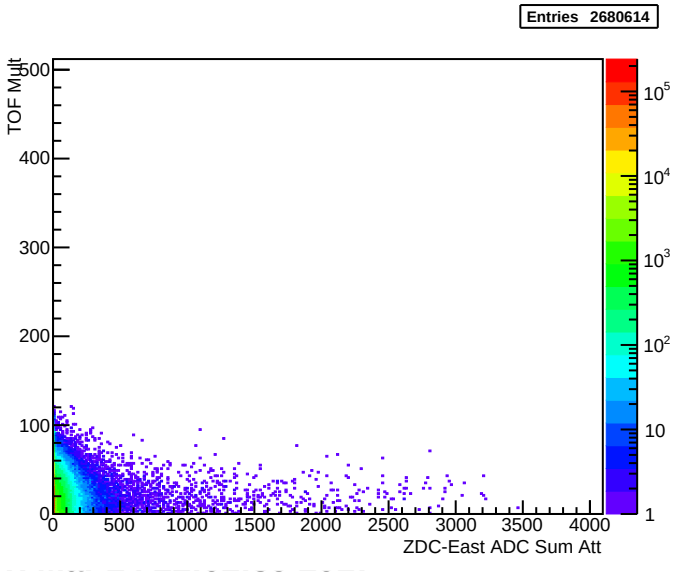


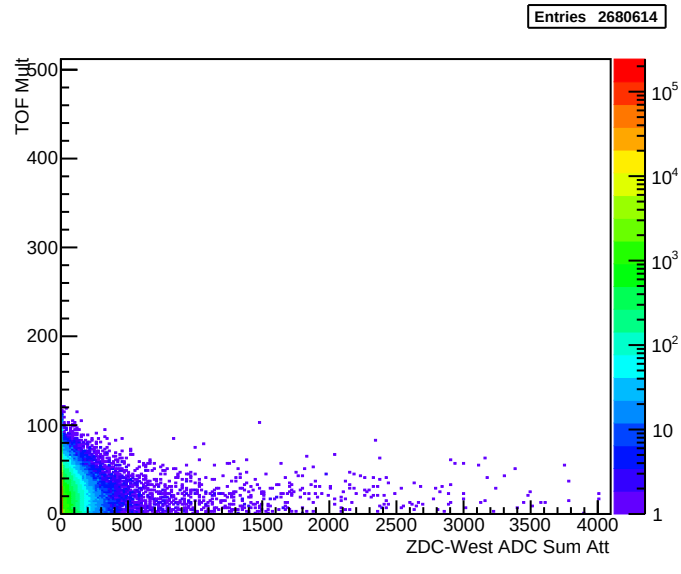

Entries 2680614
TOF Mult
BBC-S-East ADC Sum

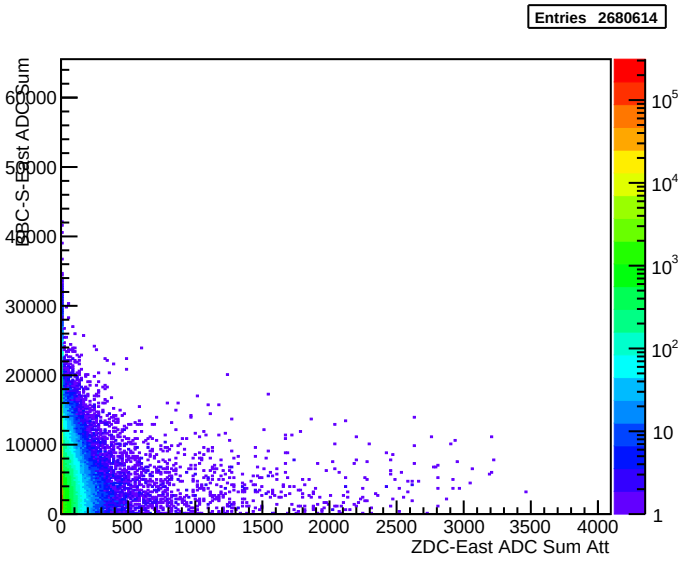

Entries 2680614
TOF Mult
BBC-S-West ADC Sum

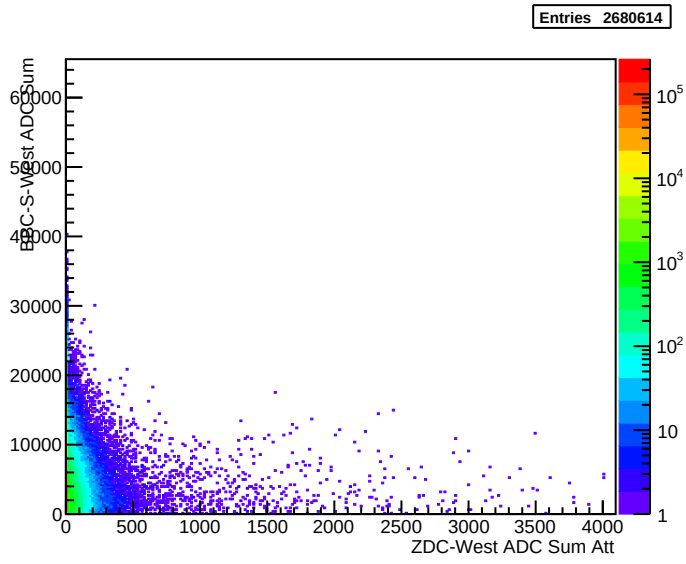

Entries 2680614
TOF Mult
VPD-East ADC Sum

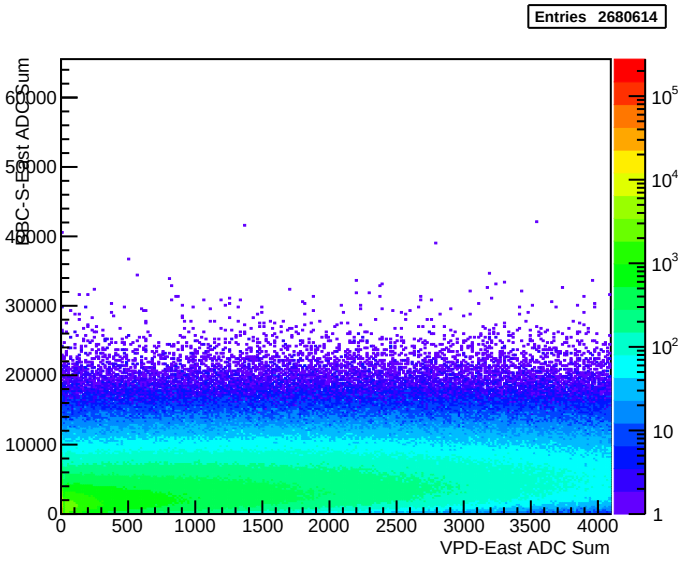

Entries 2680614
TOF Mult
VPD-West ADC Sum

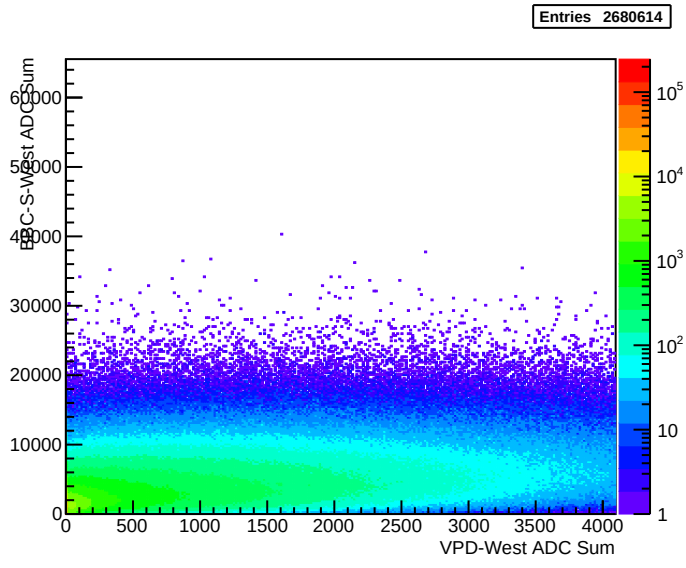

Entries 2680614
TOF Mult
ZDC-East ADC Sum Att

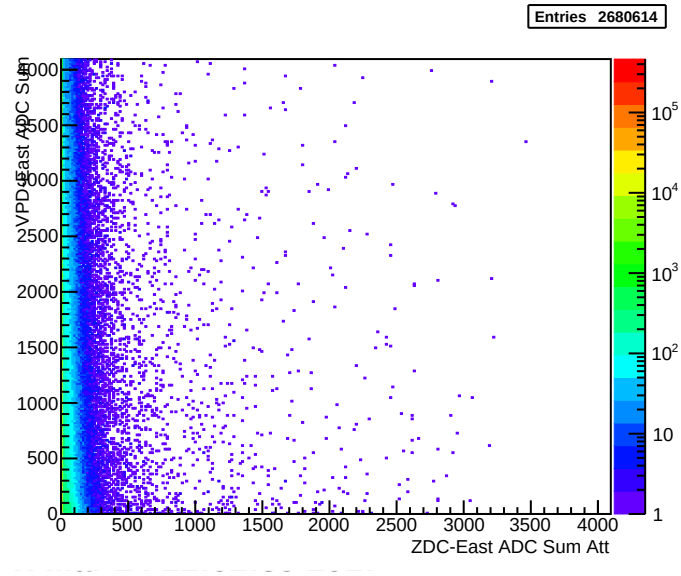

Entries 2680614
TOF Mult
ZDC-West ADC Sum Att

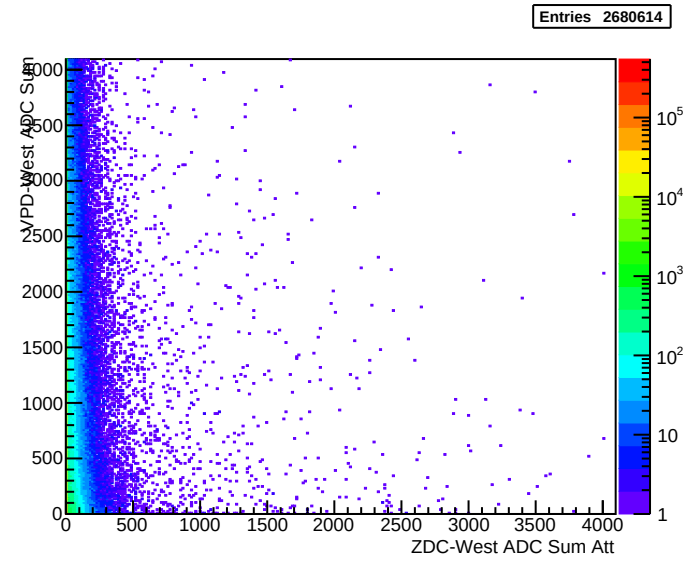

Entries 2680614
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

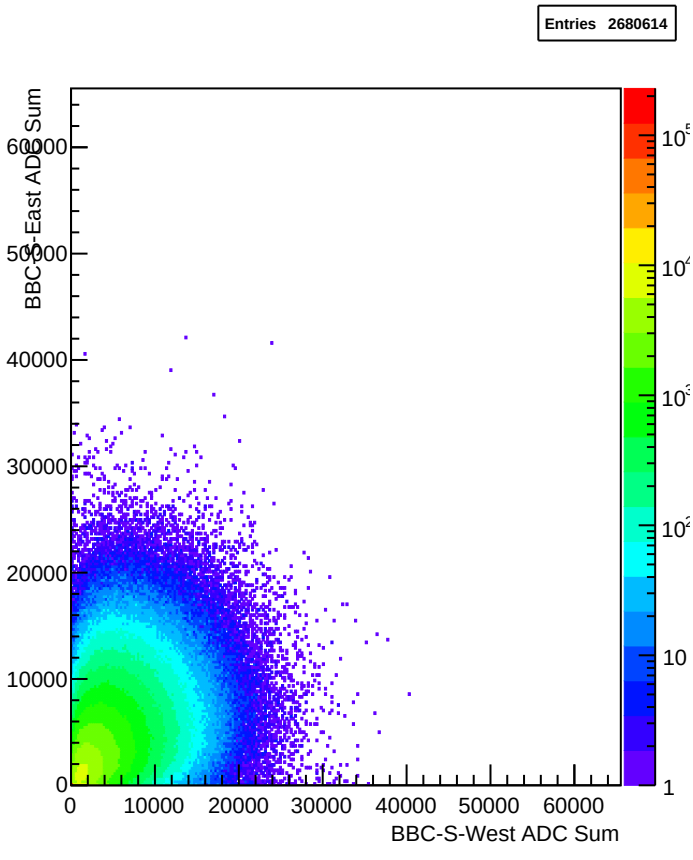

Entries 2680614
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

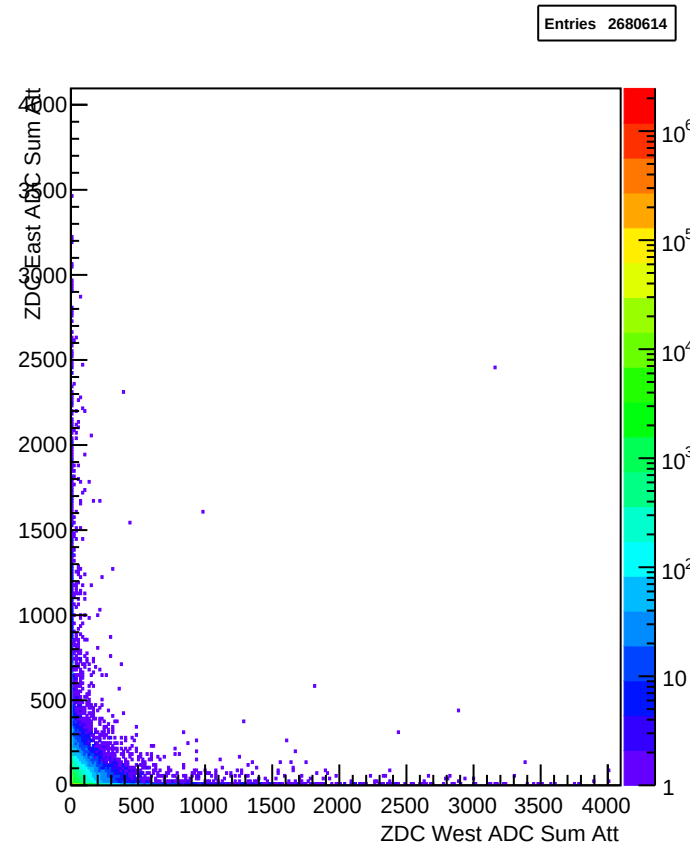

Entries 2680614
BBC-S-East ADC Sum
VPD-East ADC Sum

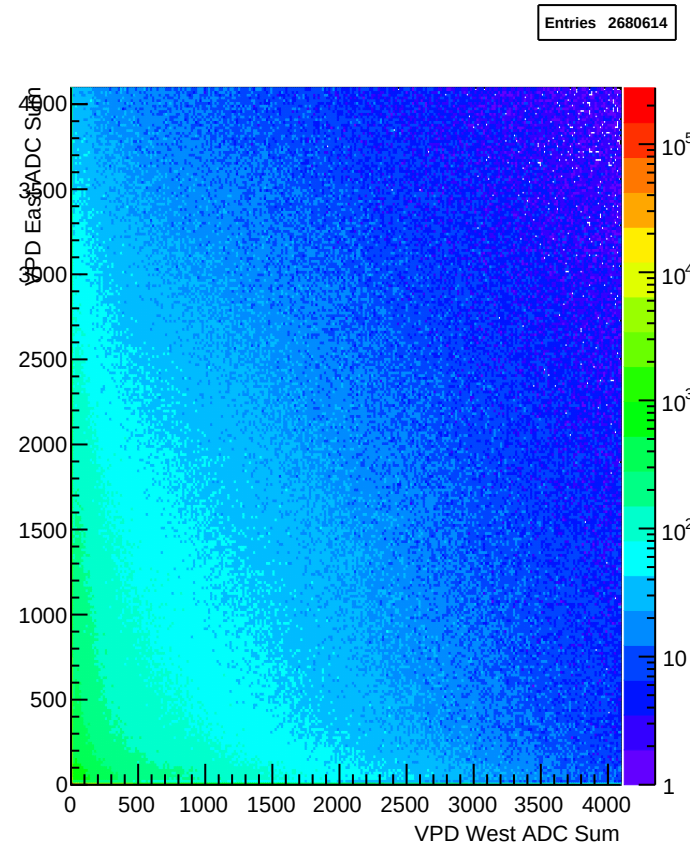

Entries 2680614
BBC-S-West ADC Sum
VPD-West ADC Sum

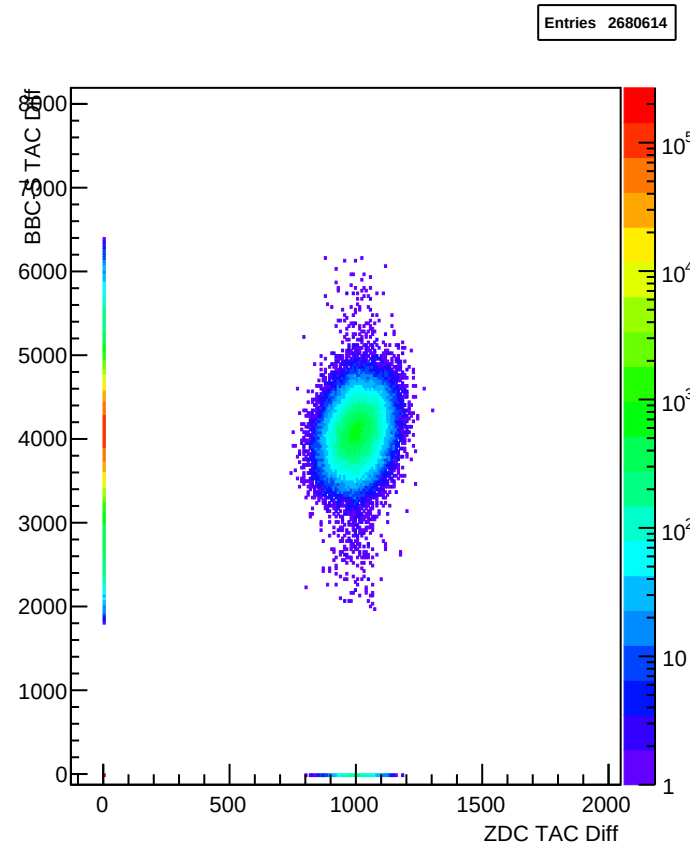

Entries 2680614
VPD-East ADC Sum
ZDC-East ADC Sum Att

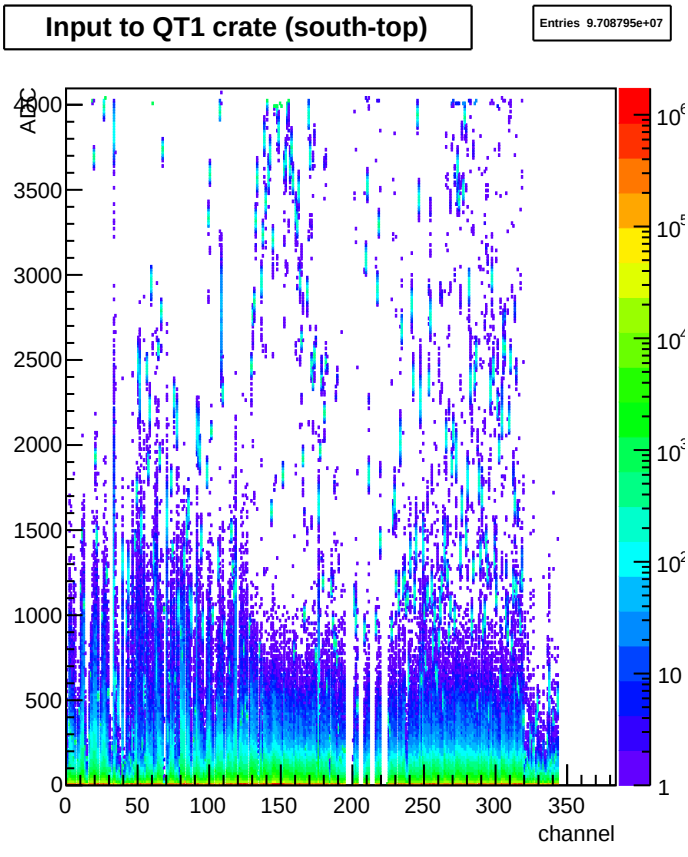

Entries 2680614
VPD-West ADC Sum
ZDC-West ADC Sum Att

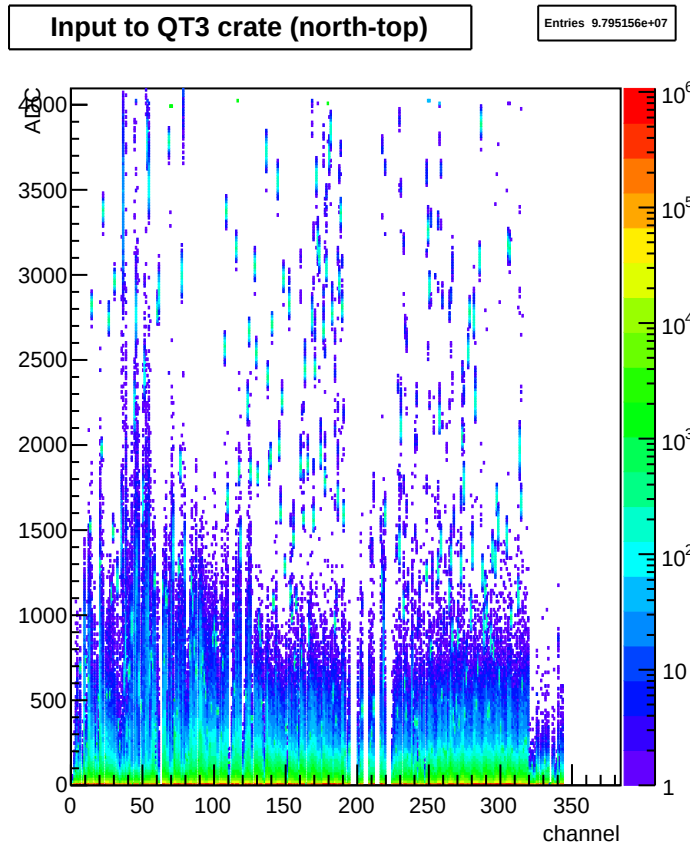

Entries 2680614
BBC-S-East ADC Sum
BBC-S-West ADC Sum

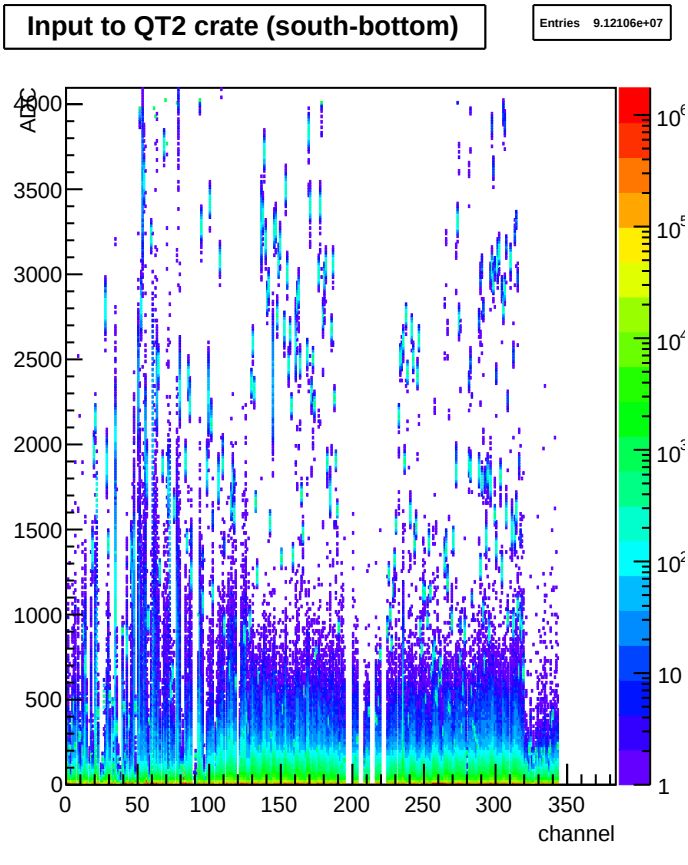

Entries 2680614
ZDC East ADC Sum Att
ZDC West ADC Sum Att

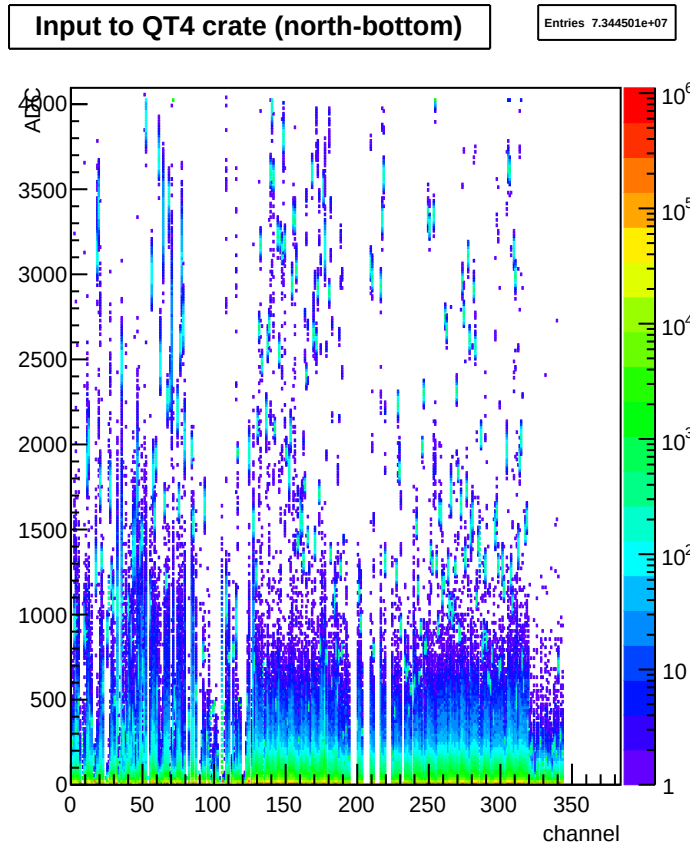

Entries 2680614
VPD East ADC Sum
VPD West ADC Sum

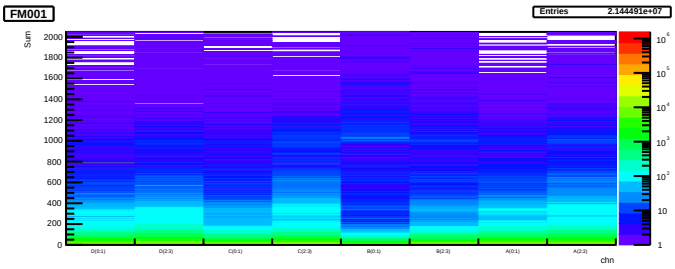

Entries 2680614
BBC-S TAC Diff
ZDC TAC Diff

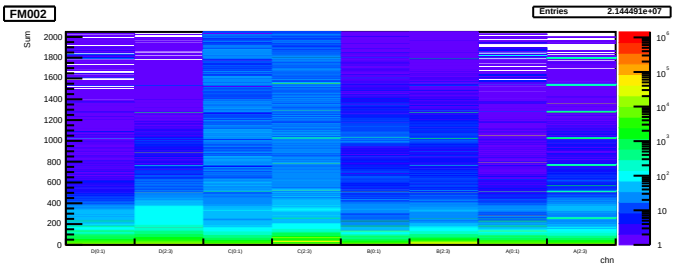

Input to QT1 crate (south-top)
Entries 9.708795e+07
ADC
channel

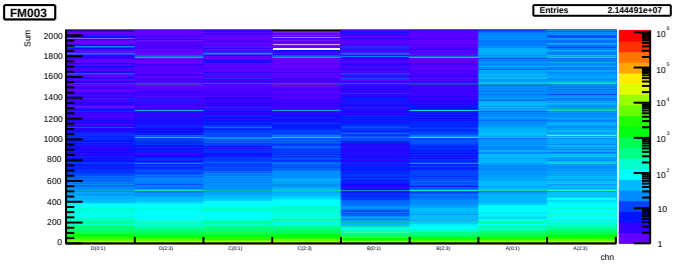

Input to QT3 crate (north-top)
Entries 9.795156e+07
ADC
channel

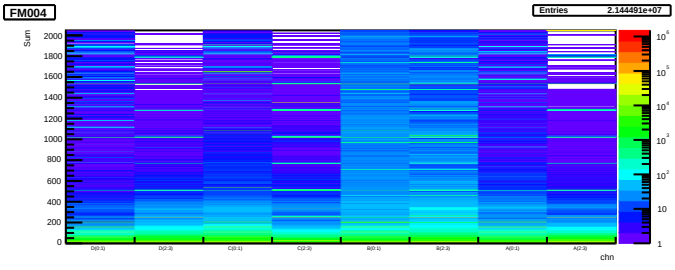

Input to QT2 crate (south-bottom)
Entries 9.12106e+07
ADC
channel

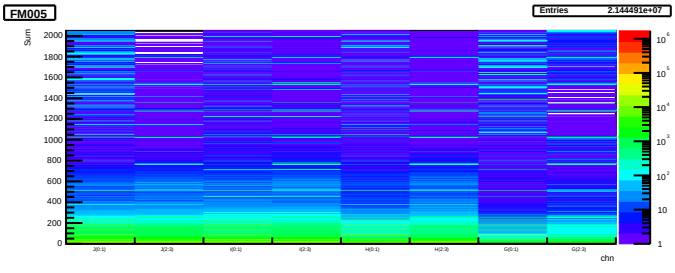

Input to QT4 crate (north-bottom)
Entries 7.344501e+07
ADC
channel

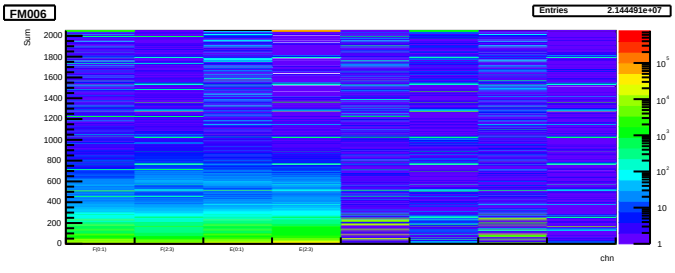

FM001
Entries 2.144491e+07
Sum
chn

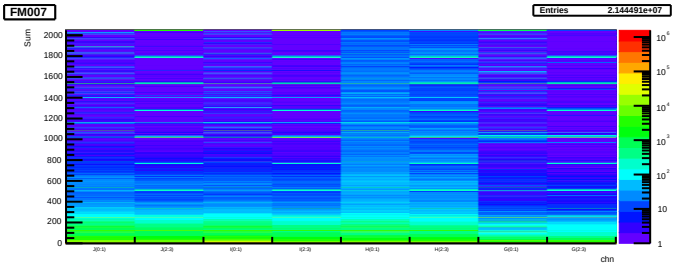

FM002
Entries 2.144491e+07
Sum
chn


FM003
Entries 2.144491e+07
Sum
chn


FM004
Entries 2.144491e+07
Sum
chn


FM005
Entries 2.144491e+07
Sum
chn


FM006
Entries 2.144491e+07
Sum
chn


FM007
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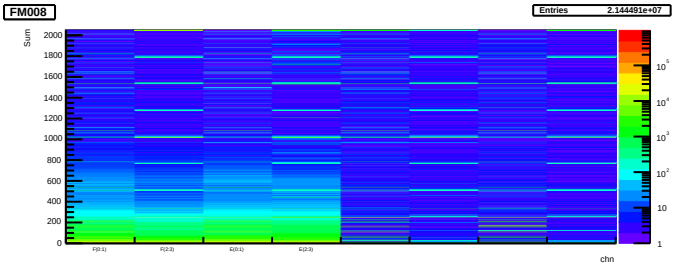
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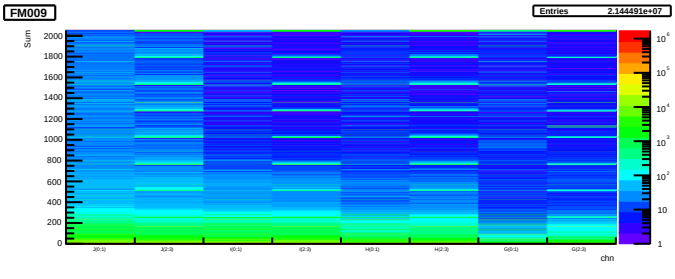
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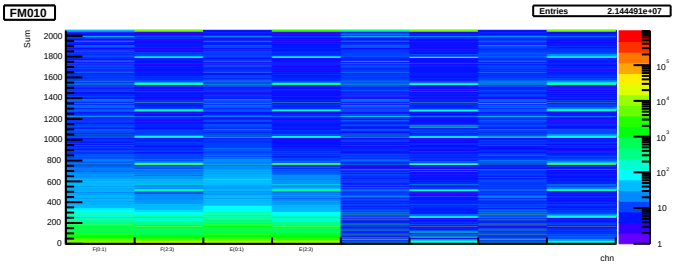
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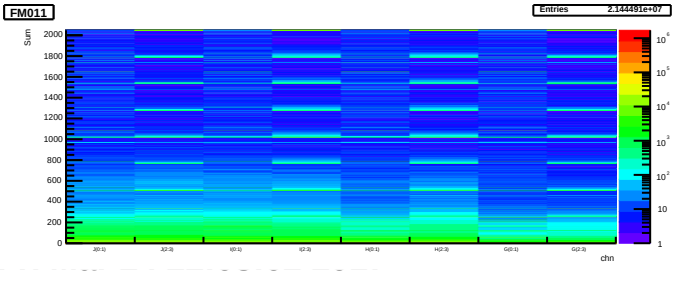
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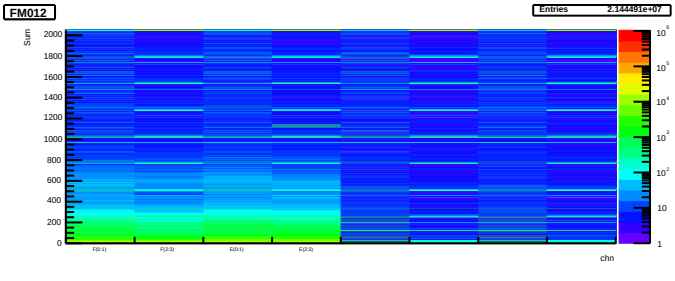
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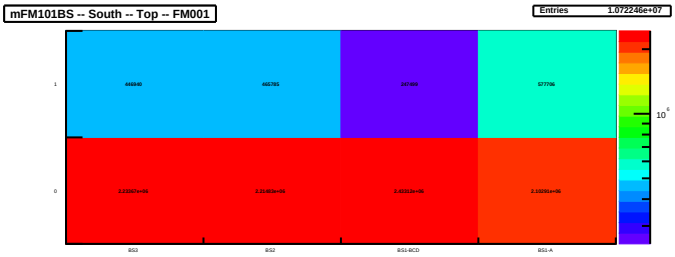
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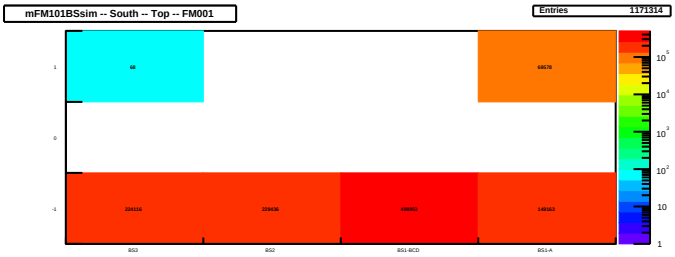
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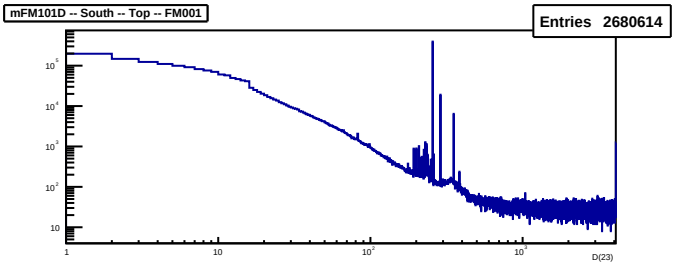
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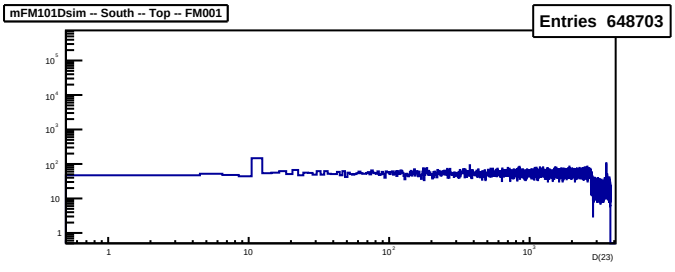
D(23)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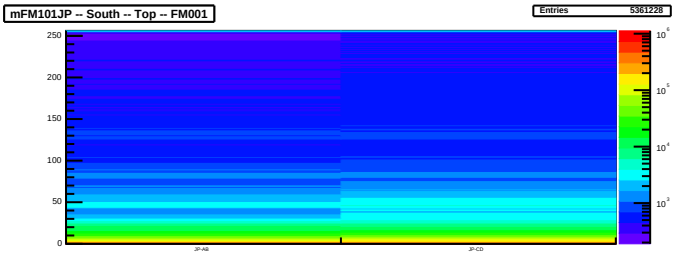
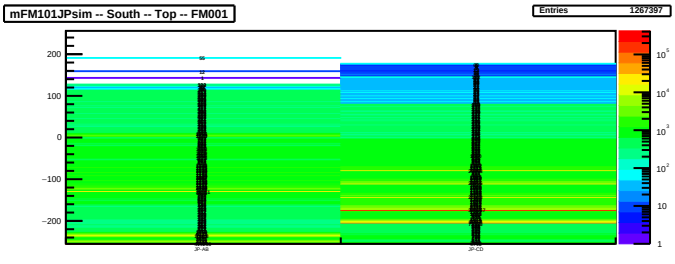
D(23)


mFM101JP -- South -- Top -- FM001
Entries 5361228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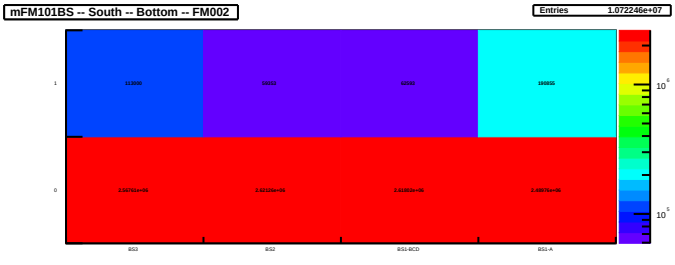
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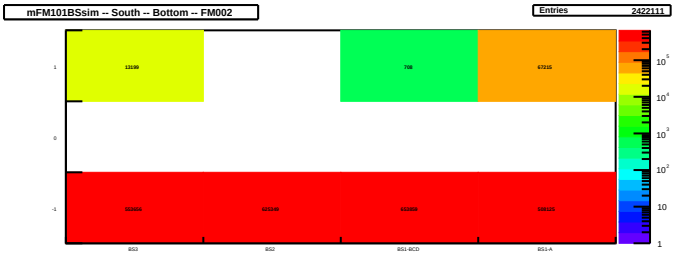
Entries 1.072246e+07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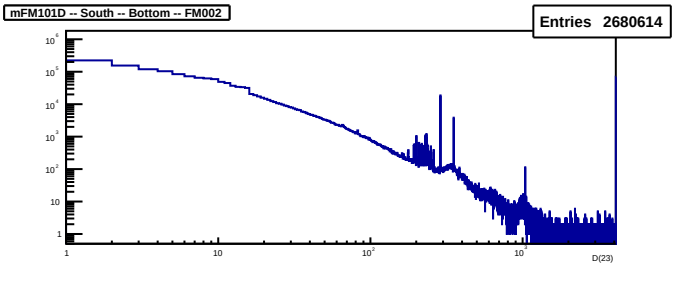
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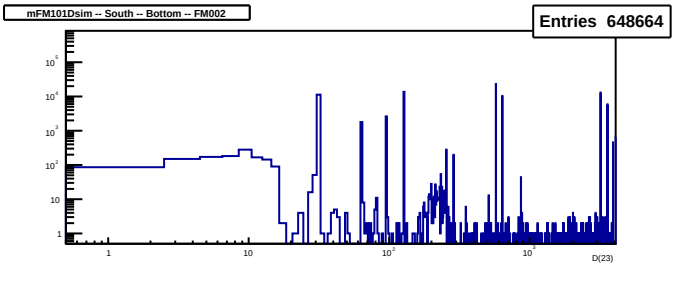
Entries 2680614
D(23)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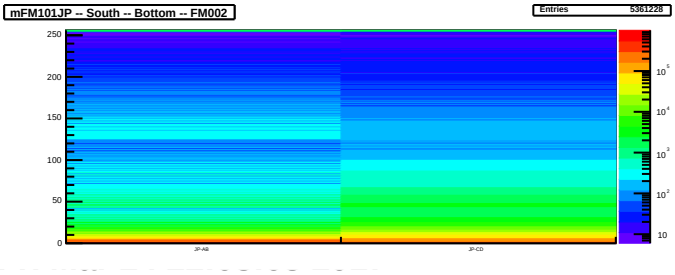
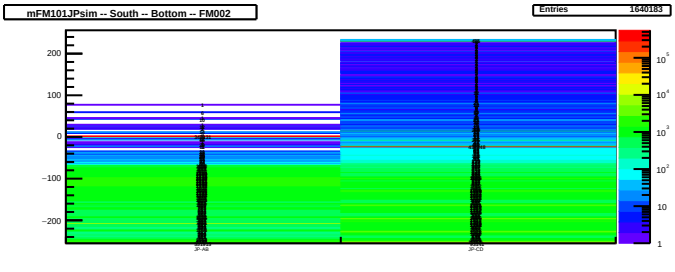

mFM101JP -- South -- Bottom -- FM002
Entries 5361228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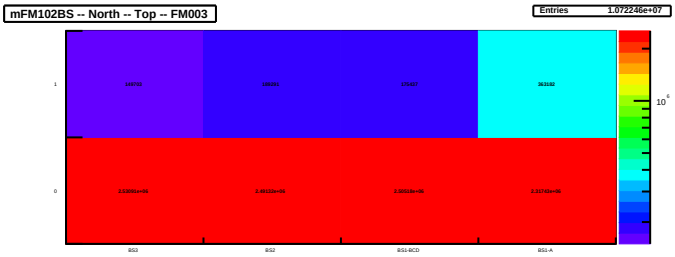
mFM102BS -- North -- Top -- FM003
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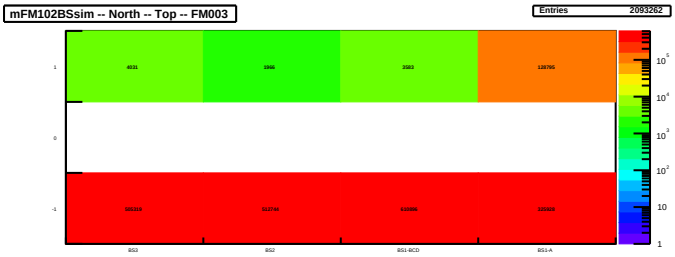
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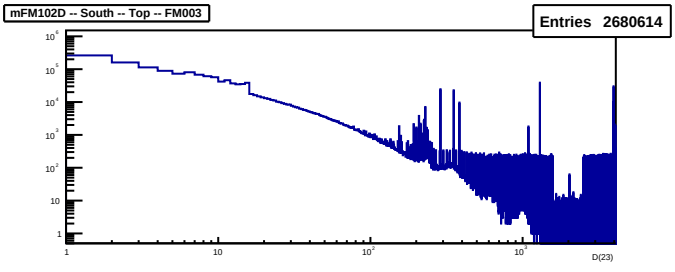
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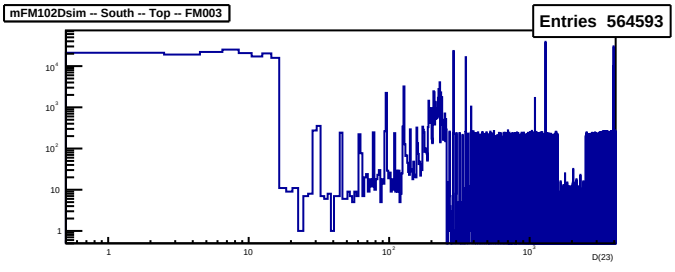
Entries 2680614
D(23)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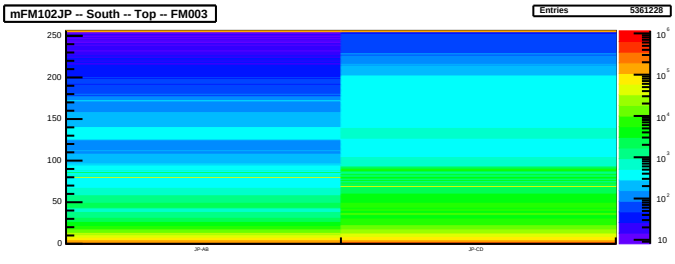
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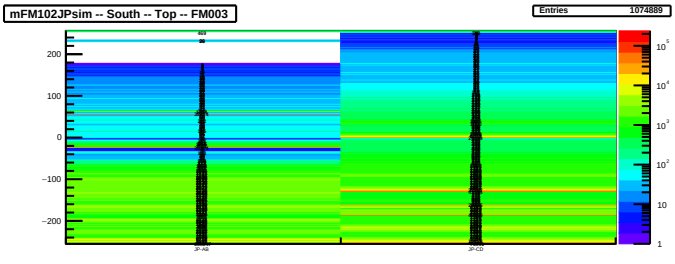
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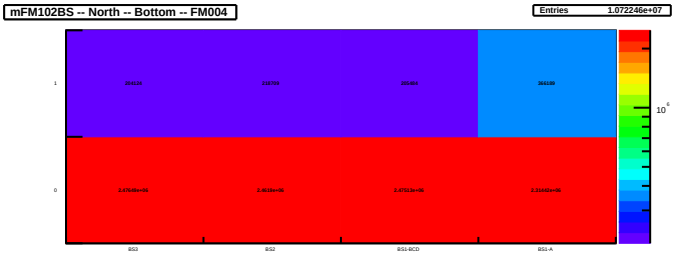
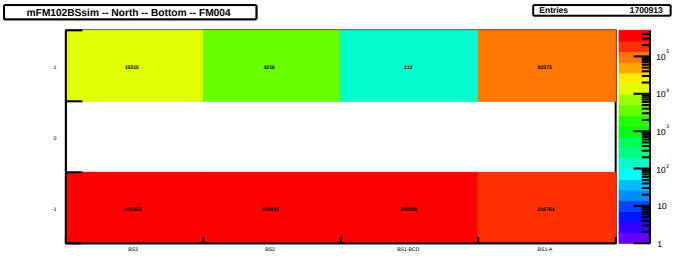

mFM102BS -- North -- Bottom -- FM004
Entries 1.072246e+07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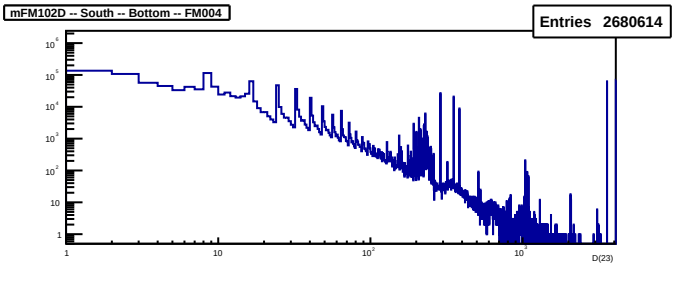
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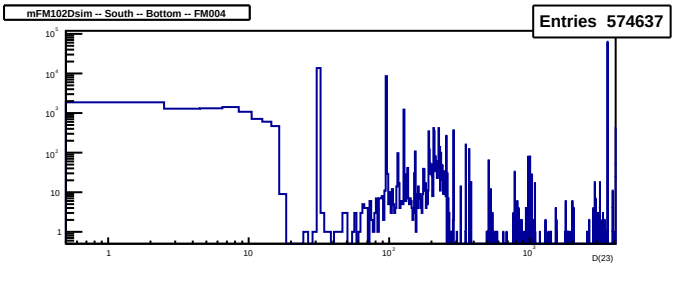
D(23)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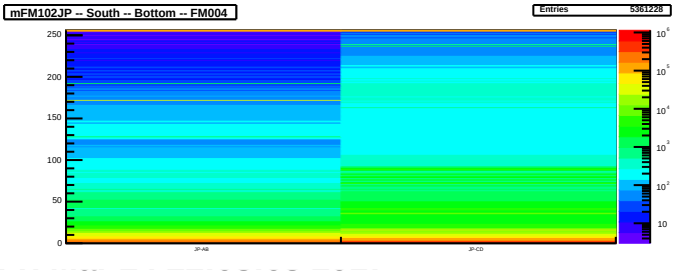
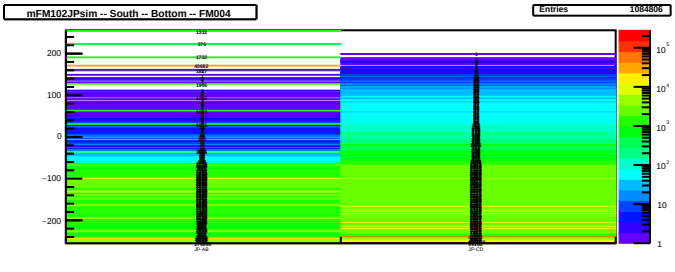

mFM102JP -- South -- Bottom -- FM004
Entries 5361228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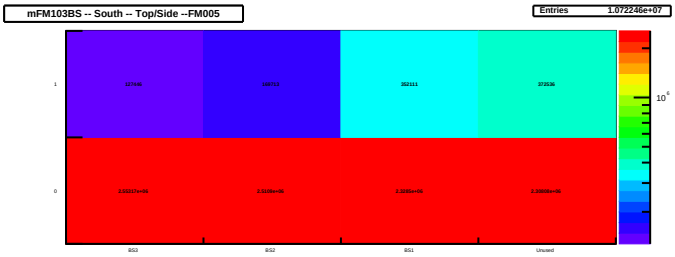
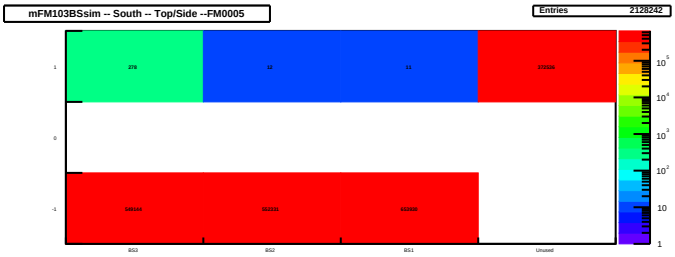

mFM103BS -- South -- Top/Side --FM005
Entries 1.072246e+07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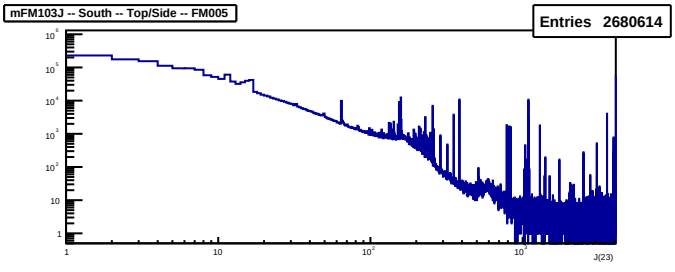
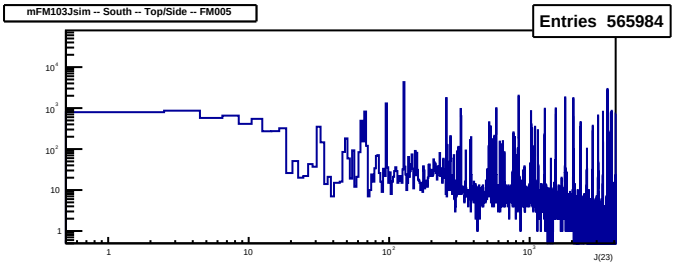

mFM103J -- South -- Top/Side -- FM005
Entries 2680614
J(23)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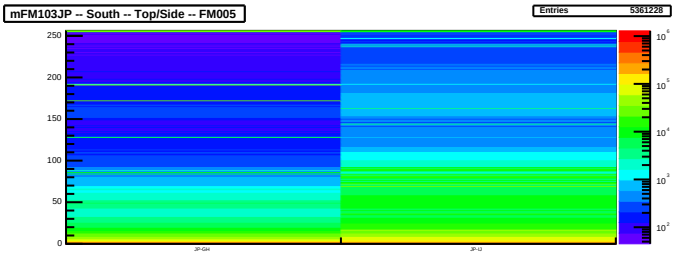
J(23)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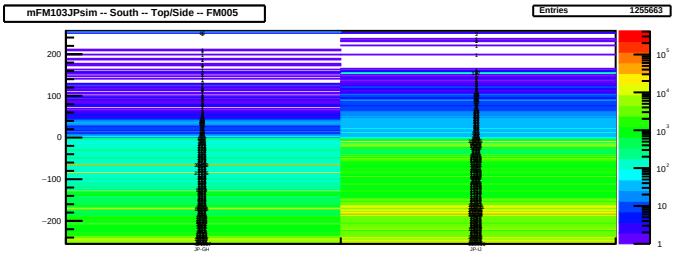
Entries 5361228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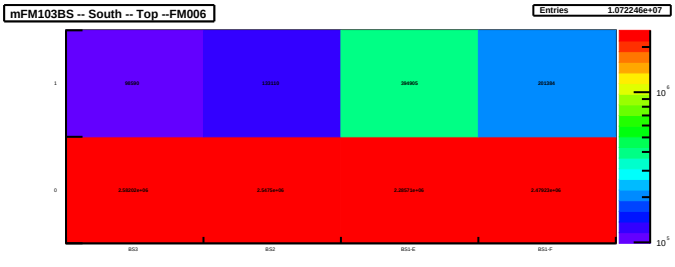
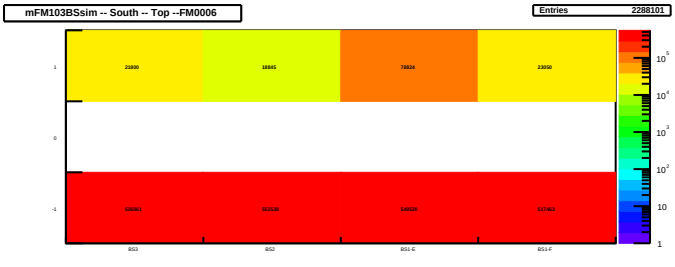

mFM103BS -- South -- Top --FM006
Entries 1.072246e+07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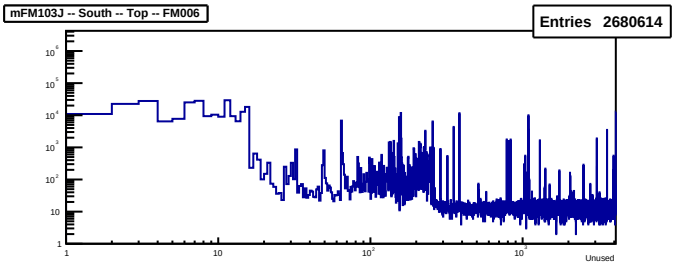
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Entries 2680614
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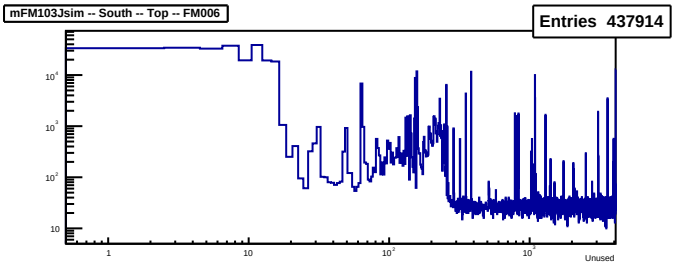
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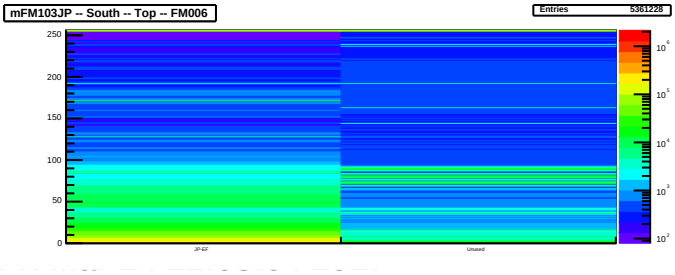
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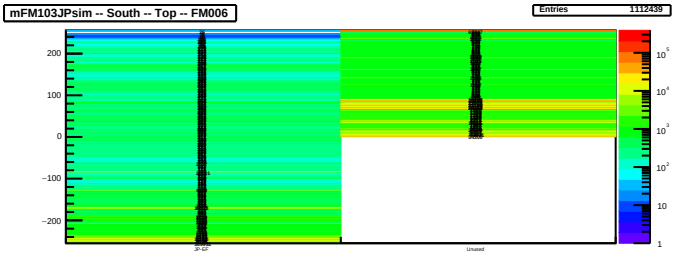
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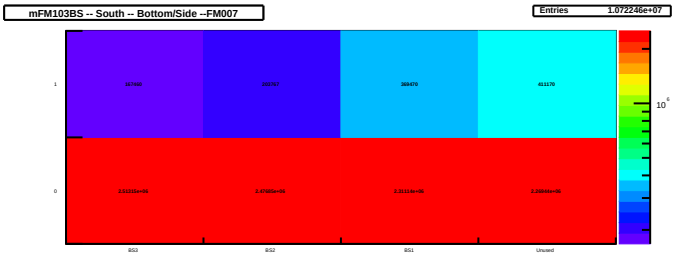
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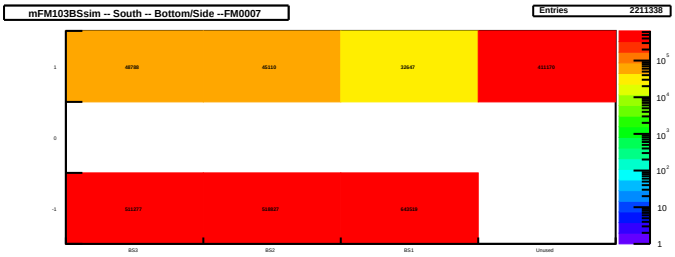
Entries 1.072246e+07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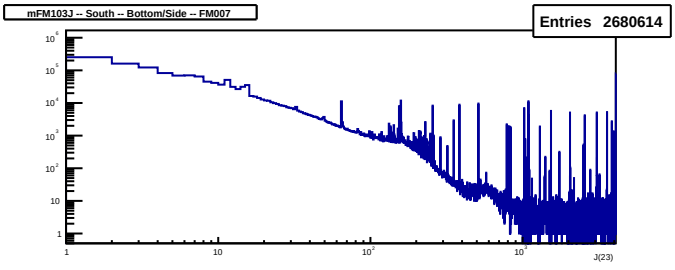
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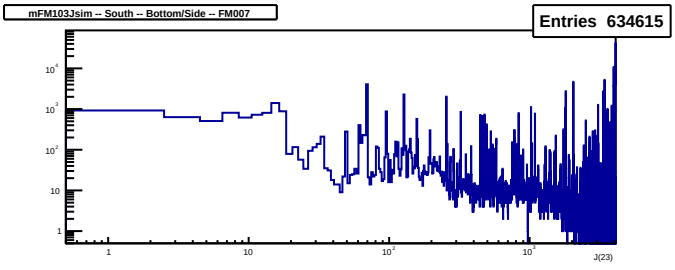
J(23)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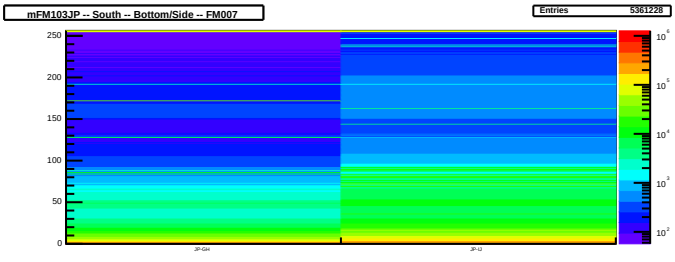
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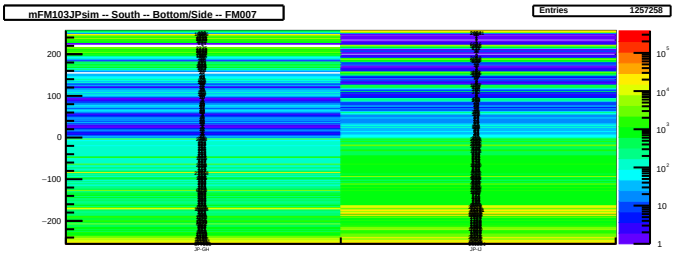
Entries 5361228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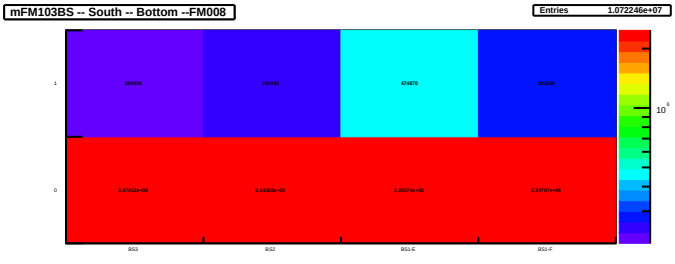
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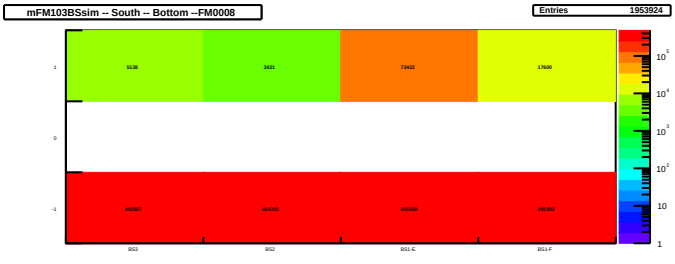
Entries 1.072246e+07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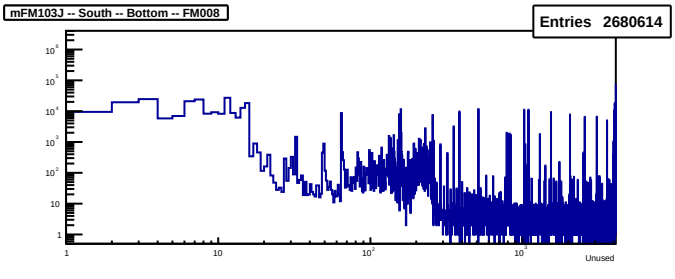
mFM103J -- South -- Bottom -- FM008
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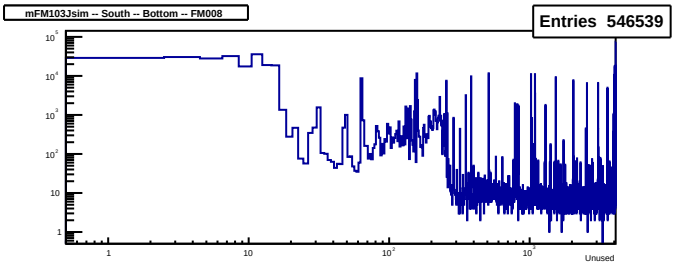
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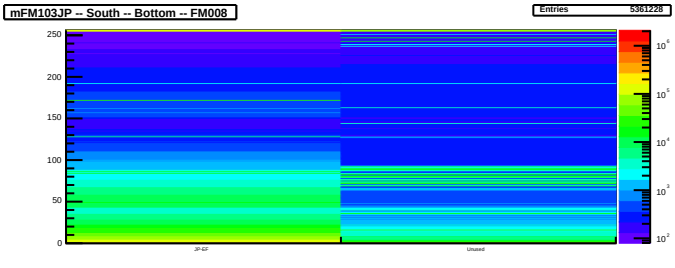
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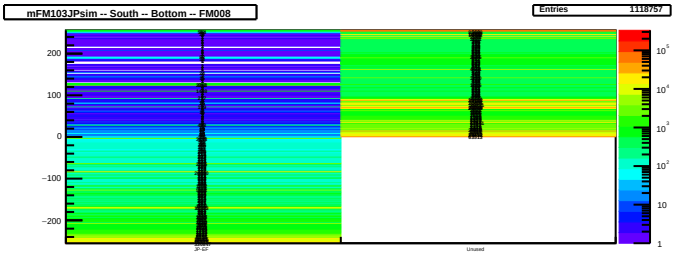
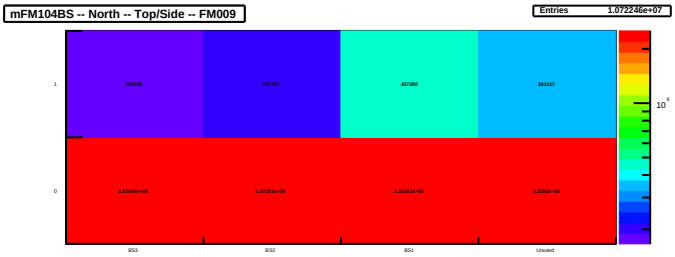
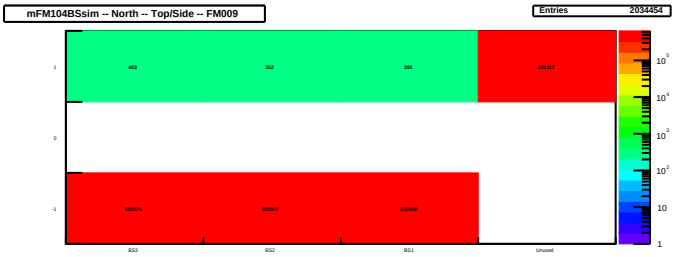
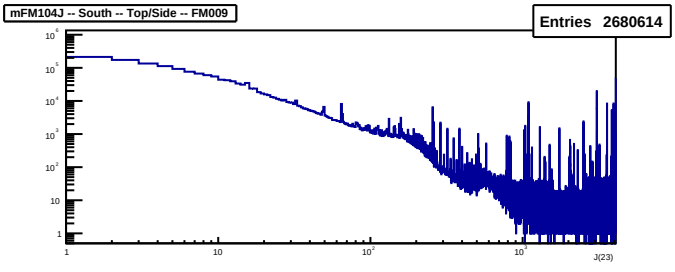
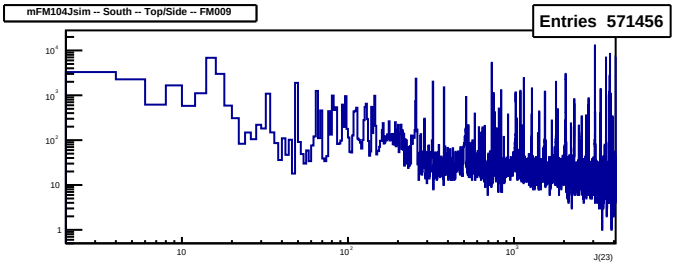

mFM103JPsim -- South -- Bottom -- FM008
Entries 1118757


mFM104BS -- North -- Top/Side -- FM009
Entries 1.072246e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2034454


mFM104J -- South -- Top/Side -- FM009
Entries 2680614
J(23)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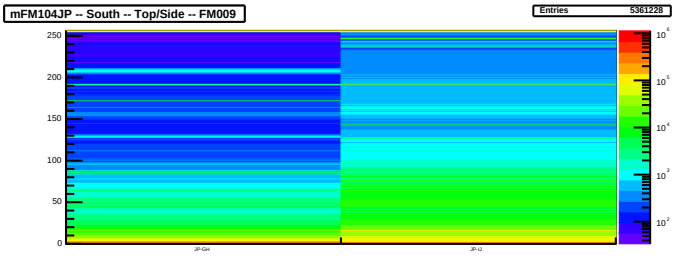
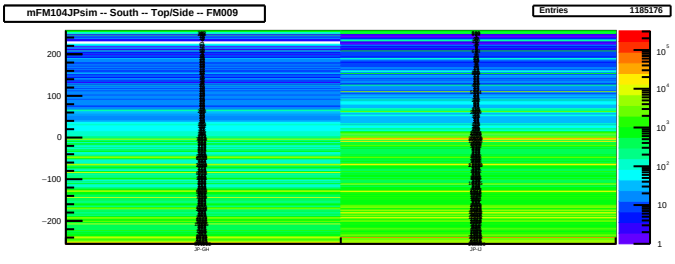
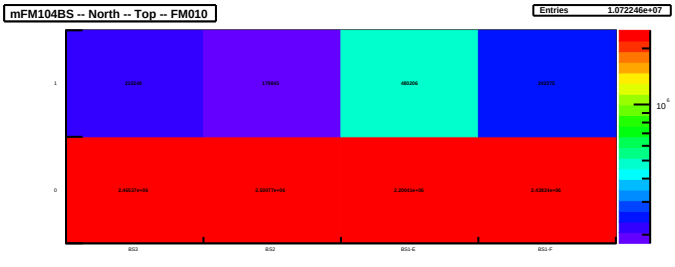
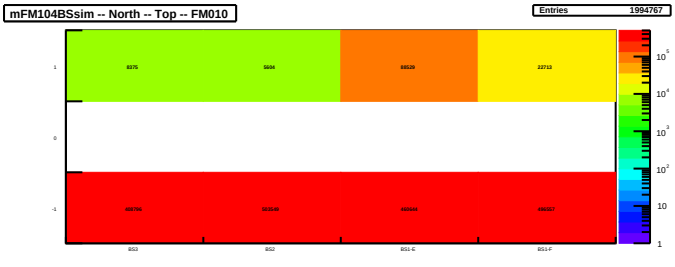
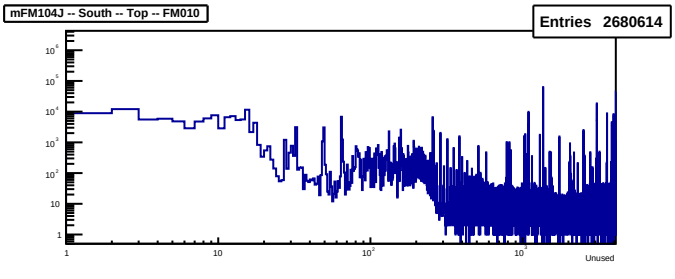
Entries 571456
J(23)

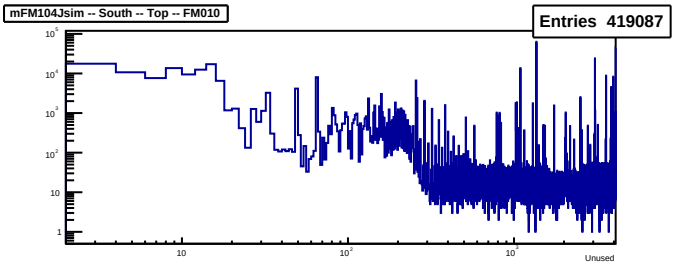

mFM104JP -- South -- Top/Side -- FM009
Entries 5361228

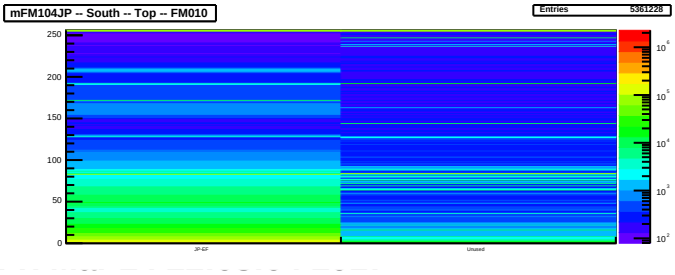

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1185176

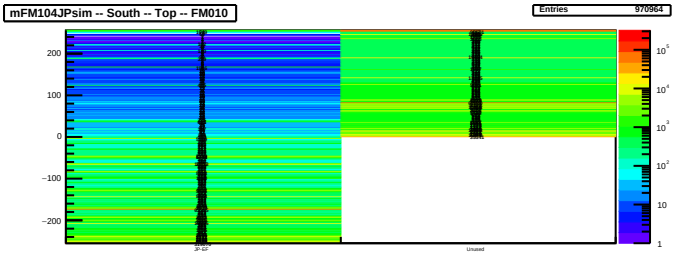

mFM104BS -- North -- Top -- FM010
Entries 1.072246e+07

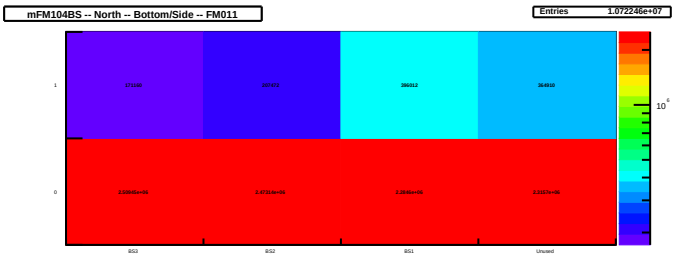

mFM104BSsim -- North -- Top -- FM010
Entries 1994767

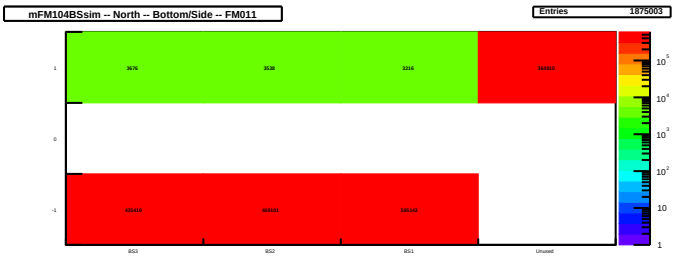

mFM104J -- South -- Top -- FM010
Entries 2680614
Unused

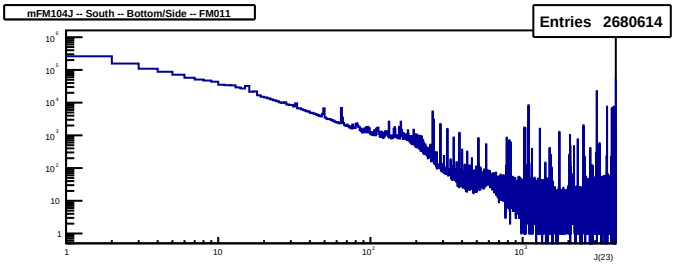

mFM104Jsim -- South -- Top -- FM010
Entries 419087
Unused

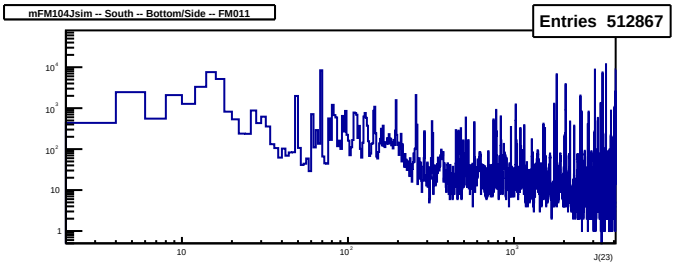

mFM104JP -- South -- Top -- FM010
Entries 5361228

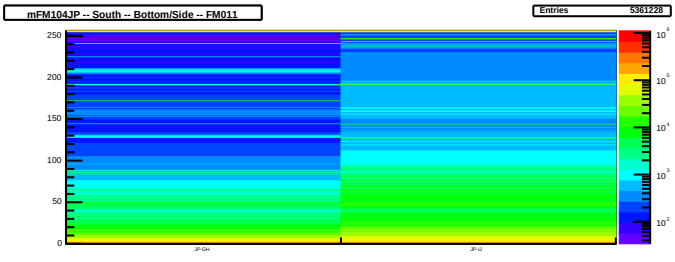

mFM104JPsim -- South -- Top -- FM010
Entries 970964

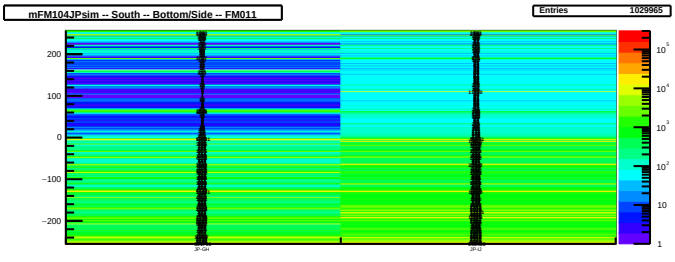

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.072246e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1875003


mFM104J -- South -- Bottom/Side -- FM011
Entries 2680614
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 512867
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 5361228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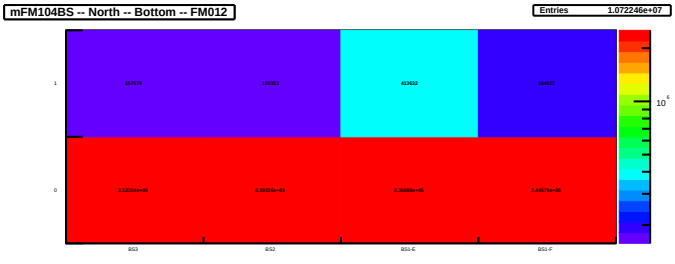
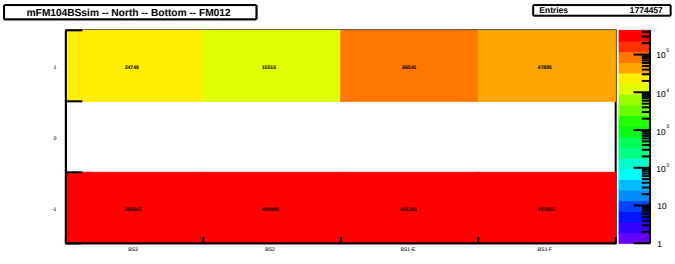
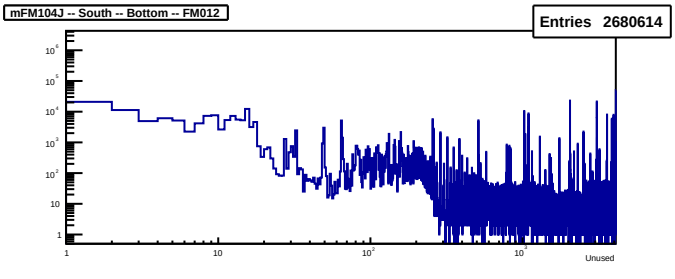
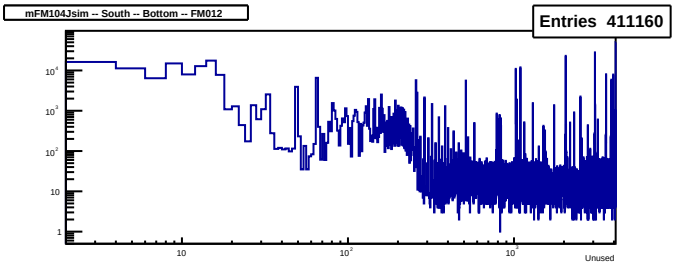
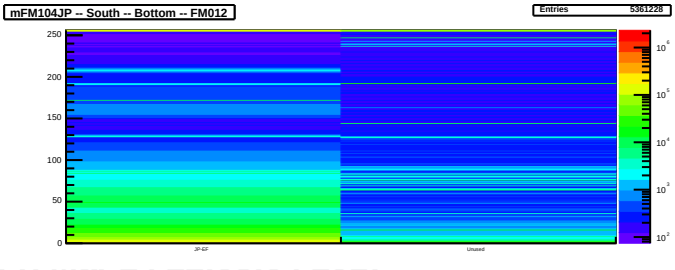
Entries 1029965

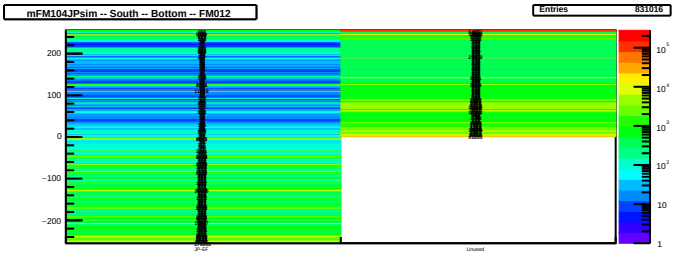

mFM104BS -- North -- Bottom -- FM012
Entries 1.072246e+07

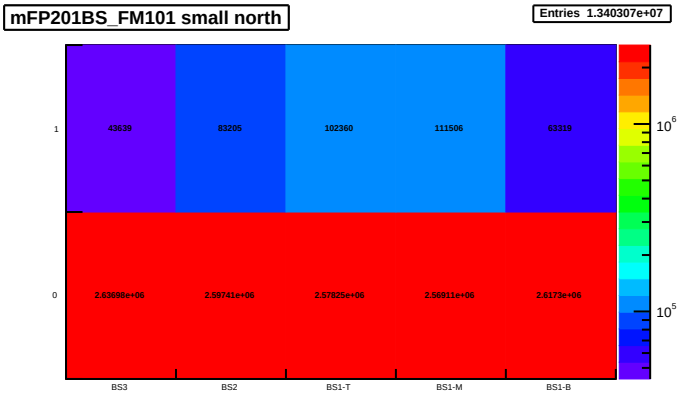

mFM104BSsim -- North -- Bottom -- FM012
Entries 1774457

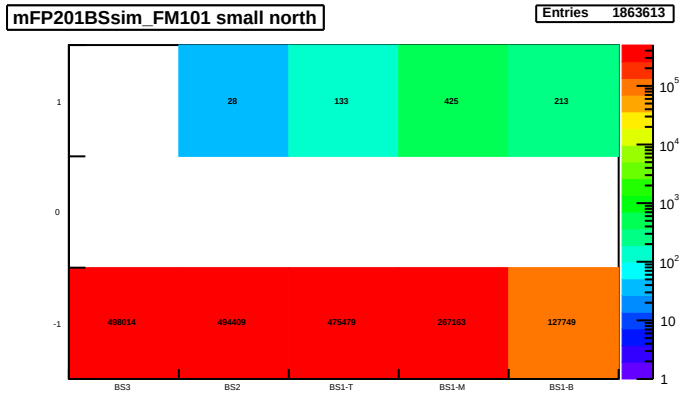

mFM104J -- South -- Bottom -- FM012
Entries 2680614
Unused

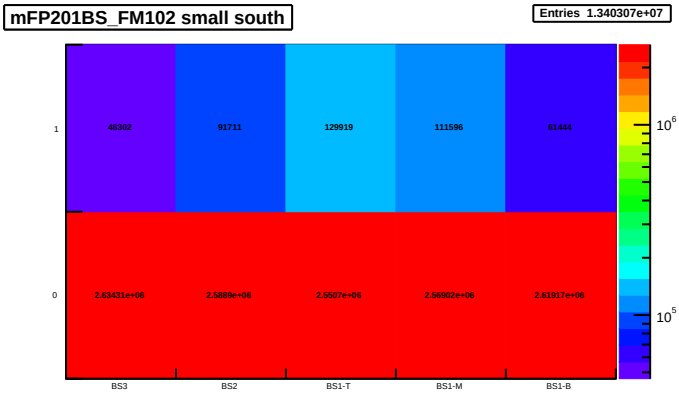

mFM104Jsim -- South -- Bottom -- FM012
Entries 411160
Unused

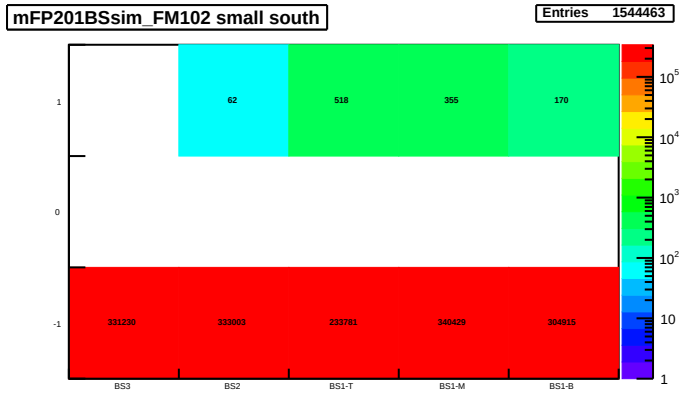

mFM104JP -- South -- Bottom -- FM012
Entries 5361228

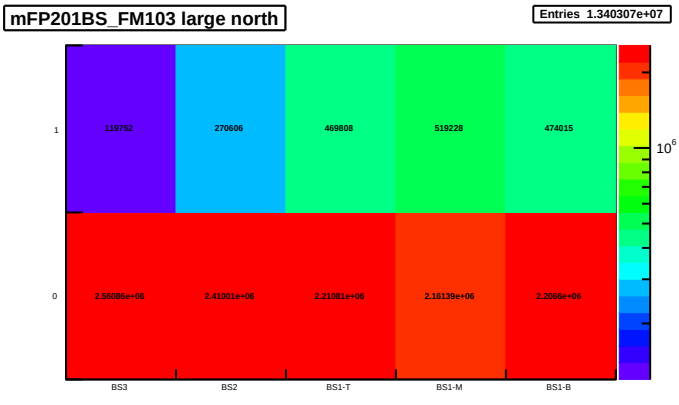

mFM104JPsim -- South -- Bottom -- FM012
Entries 831016

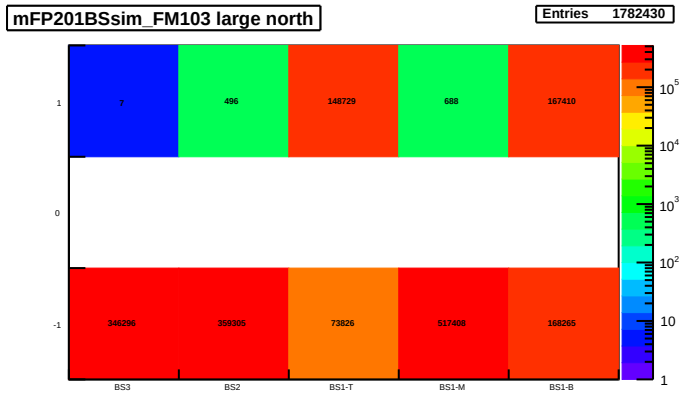

mFP201BS_FM101 small north
Entries 1.340307e+07
43639
83205
102360
111506
63319
2.63698e+06
2.59741e+06
2.57825e+06
2.56911e+06
2.6173e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

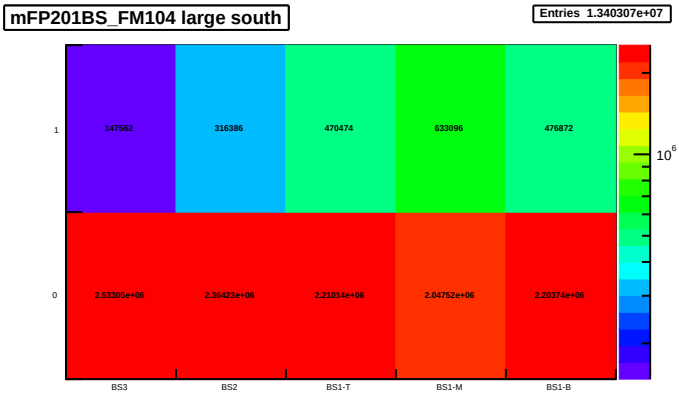

mFP201BSsim_FM101 small north
Entries 1863613
28
133
425
213
498014
494409
475479
267163
127749
BS3
BS2
BS1-T
BS1-M
BS1-B

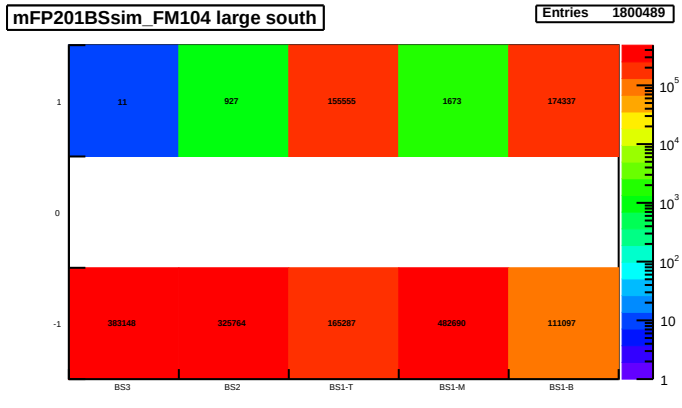

mFP201BS_FM102 small south
Entries 1.340307e+07
46302
91711
129919
111596
61444
2.63431e+06
2.5889e+06
2.5507e+06
2.56902e+06
2.61917e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

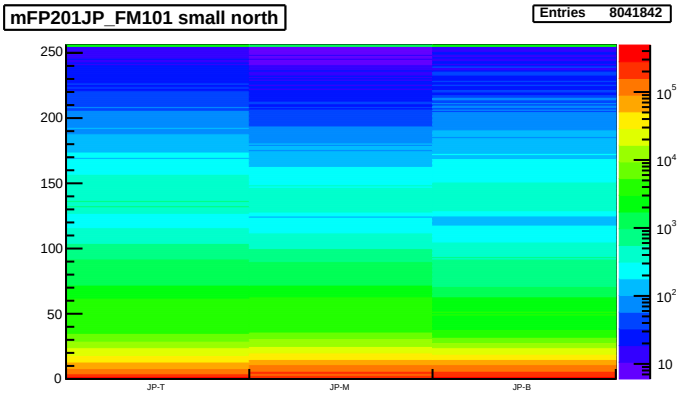

mFP201BSsim_FM102 small south
Entries 1544463
62
518
355
170
331230
333003
233781
340429
304915
BS3
BS2
BS1-T
BS1-M
BS1-B

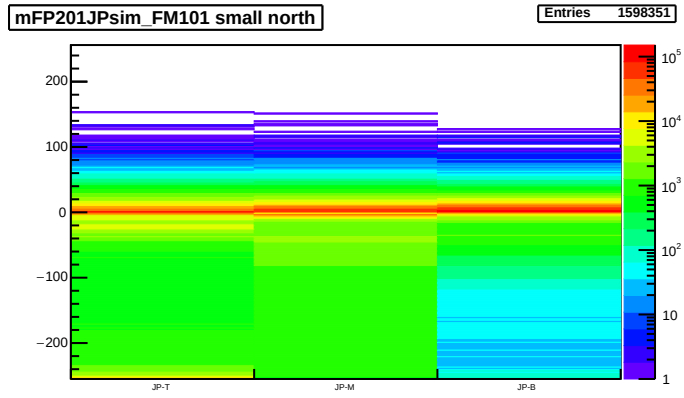

mFP201BS_FM103 large north
Entries 1.340307e+07
119752
270606
469808
519228
474015
2.56086e+06
2.41001e+06
2.21081e+06
2.16139e+06
2.2066e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

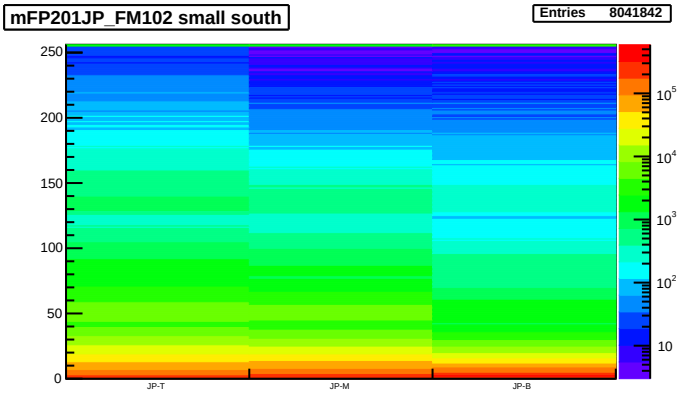

mFP201BSsim_FM103 large north
Entries 1782430
7
496
148729
688
167410
346296
359305
73826
517408
168265
BS3
BS2
BS1-T
BS1-M
BS1-B

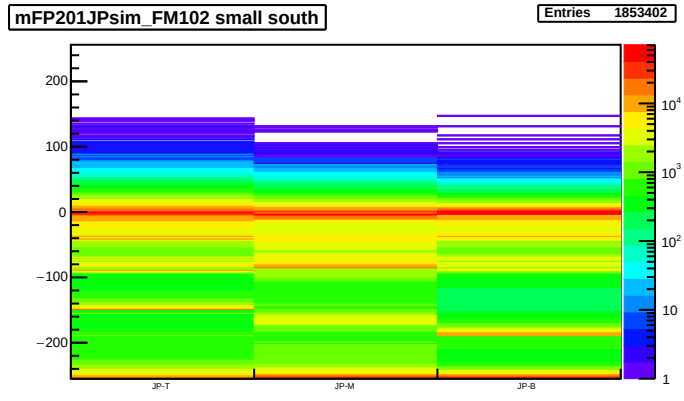

mFP201BS_FM104 large south
Entries 1.340307e+07
147562
316386
470474
633096
476872
2.53305e+06
2.36423e+06
2.21014e+06
2.04752e+06
2.20374e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

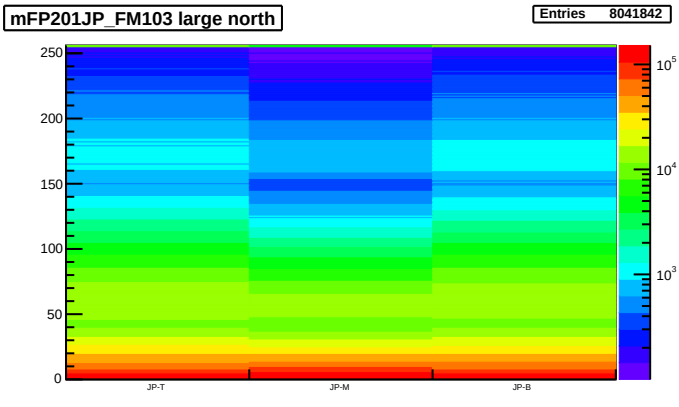

mFP201BSsim_FM104 large south
Entries 1800489
11
927
155555
1673
174337
383148
325764
165287
482690
111097
BS3
BS2
BS1-T
BS1-M
BS1-B

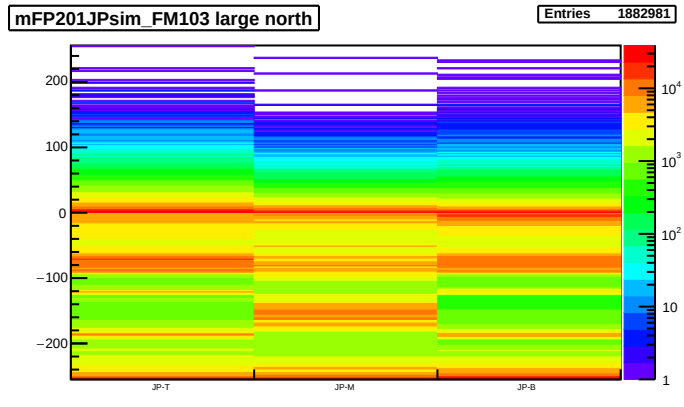

mFP201JP_FM101 small north
Entries 8041842
JP-T
JP-M
JP-B

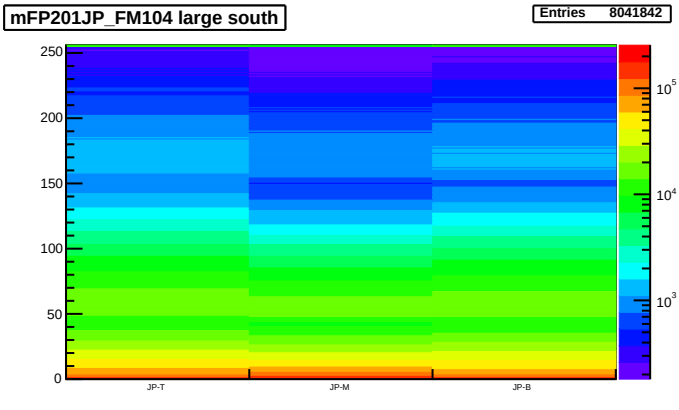

mFP201JPsim_FM101 small north
Entries 1598351
JP-T
JP-M
JP-B

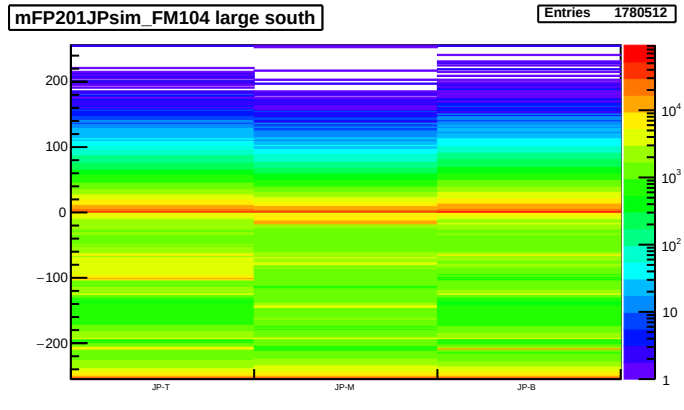

mFP201JP_FM102 small south
Entries 8041842
JP-T
JP-M
JP-B

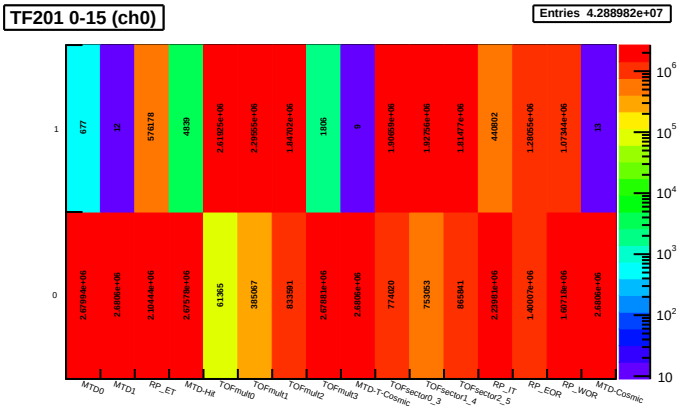

mFP201JPsim_FM102 small south
Entries 1853402
JP-T
JP-M
JP-B

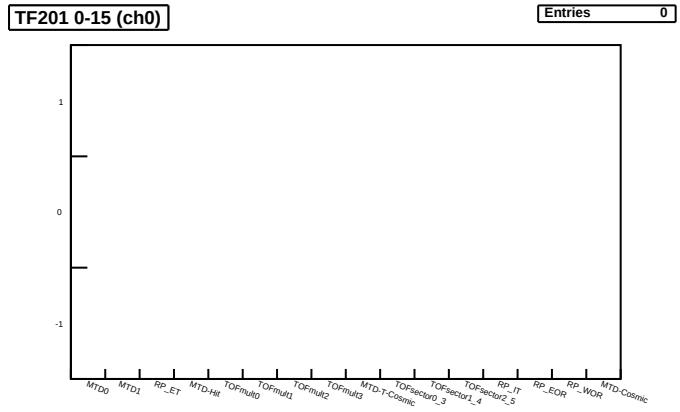

mFP201JP_FM103 large north
Entries 8041842
JP-T
JP-M
JP-B

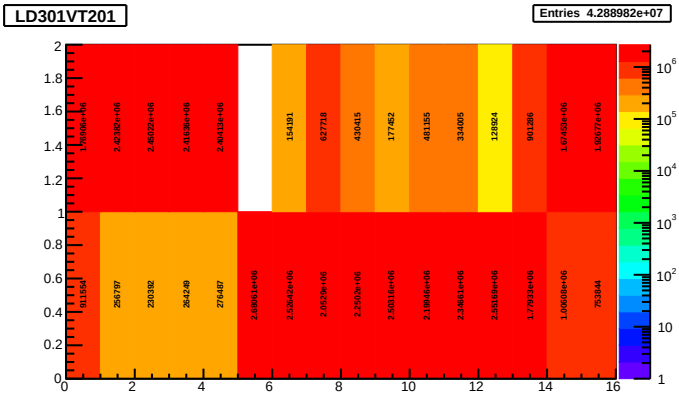

mFP201JPsim_FM103 large north
Entries 1882981
JP-T
JP-M
JP-B

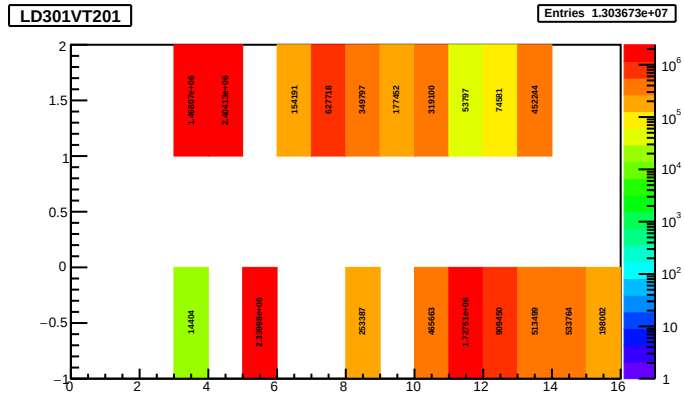

mFP201JP_FM104 large south
Entries 8041842
JP-T
JP-M
JP-B

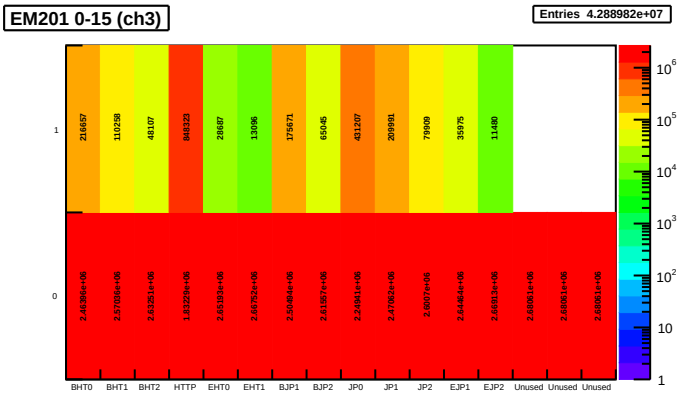

mFP201JPsim_FM104 large south
Entries 1780512
JP-T
JP-M
JP-B

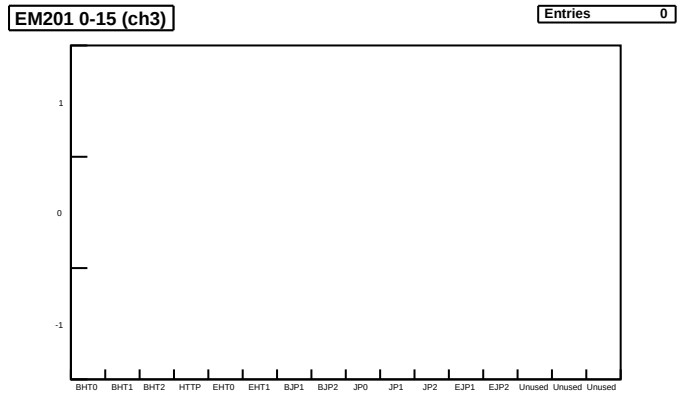

TF201 0-15 (ch0)
Entries 4.288982e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

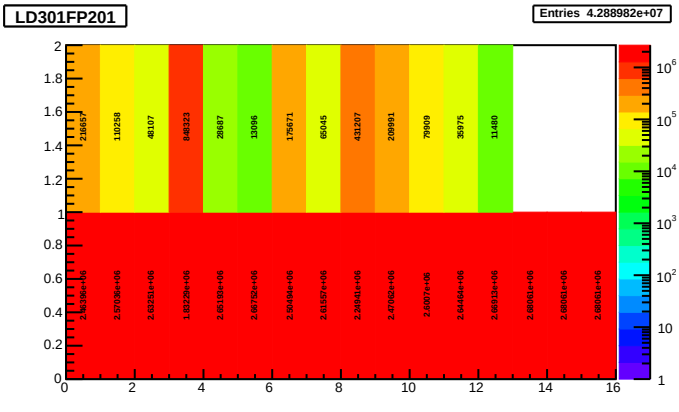

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

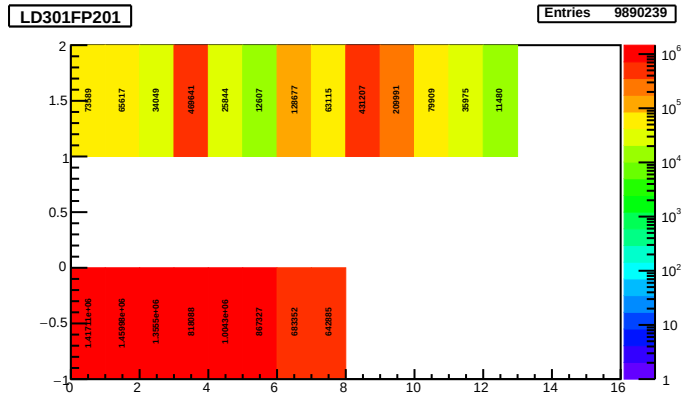

LD301VT201
Entries 4.288982e+07


LD301VT201
Entries 1.303673e+07


EM201 0-15 (ch3)
Entries 4.288982e+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 4.288982e+07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