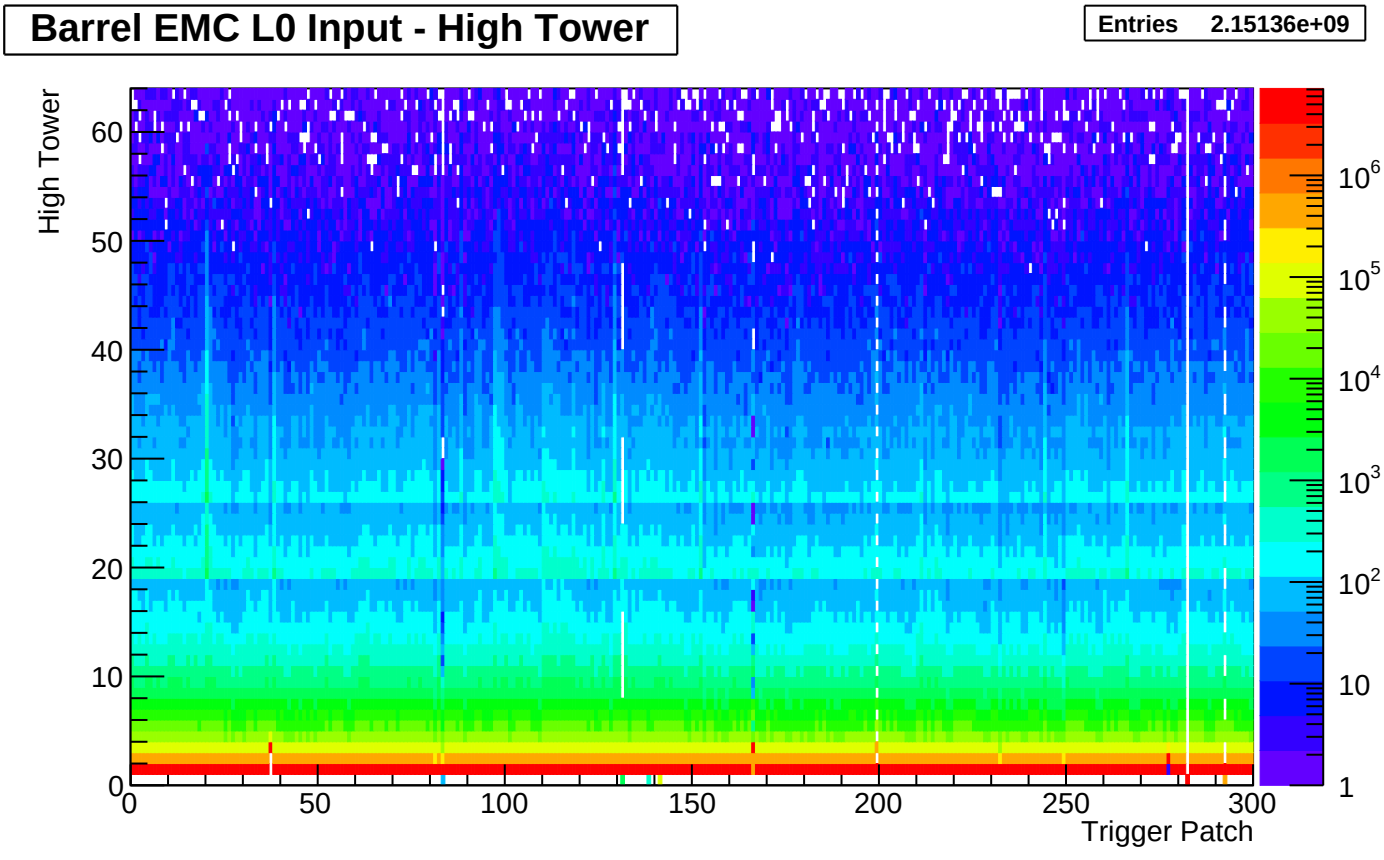
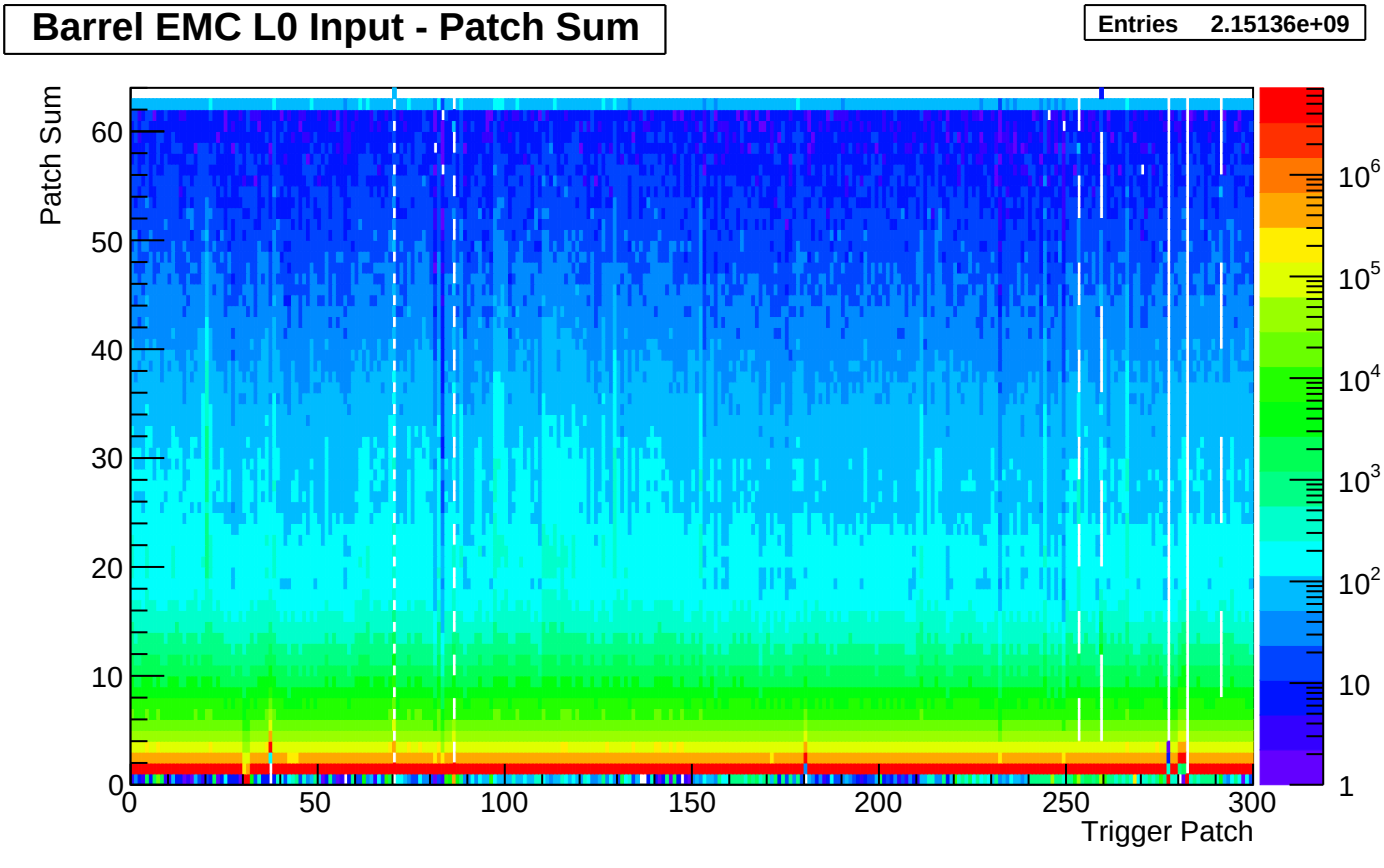
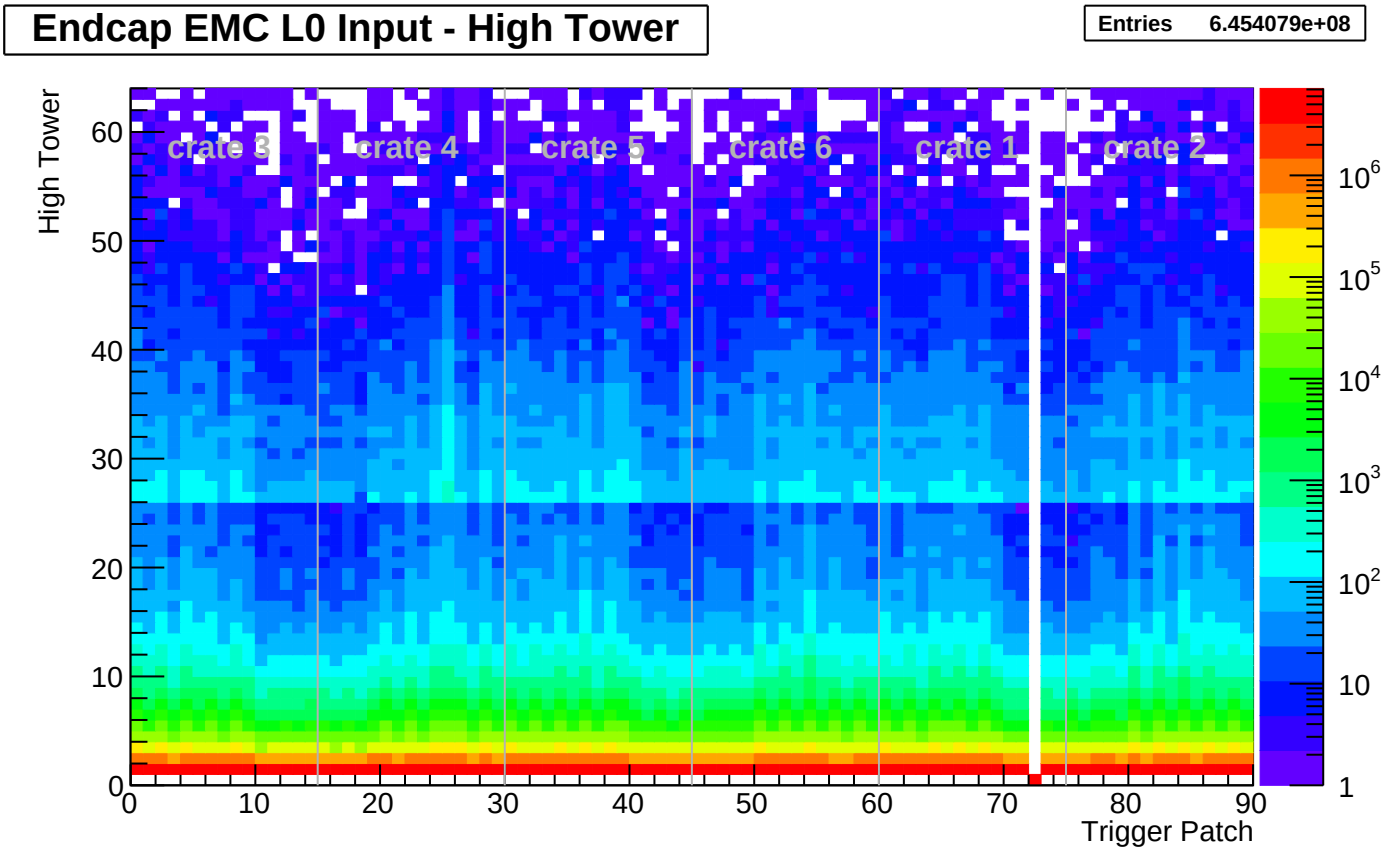
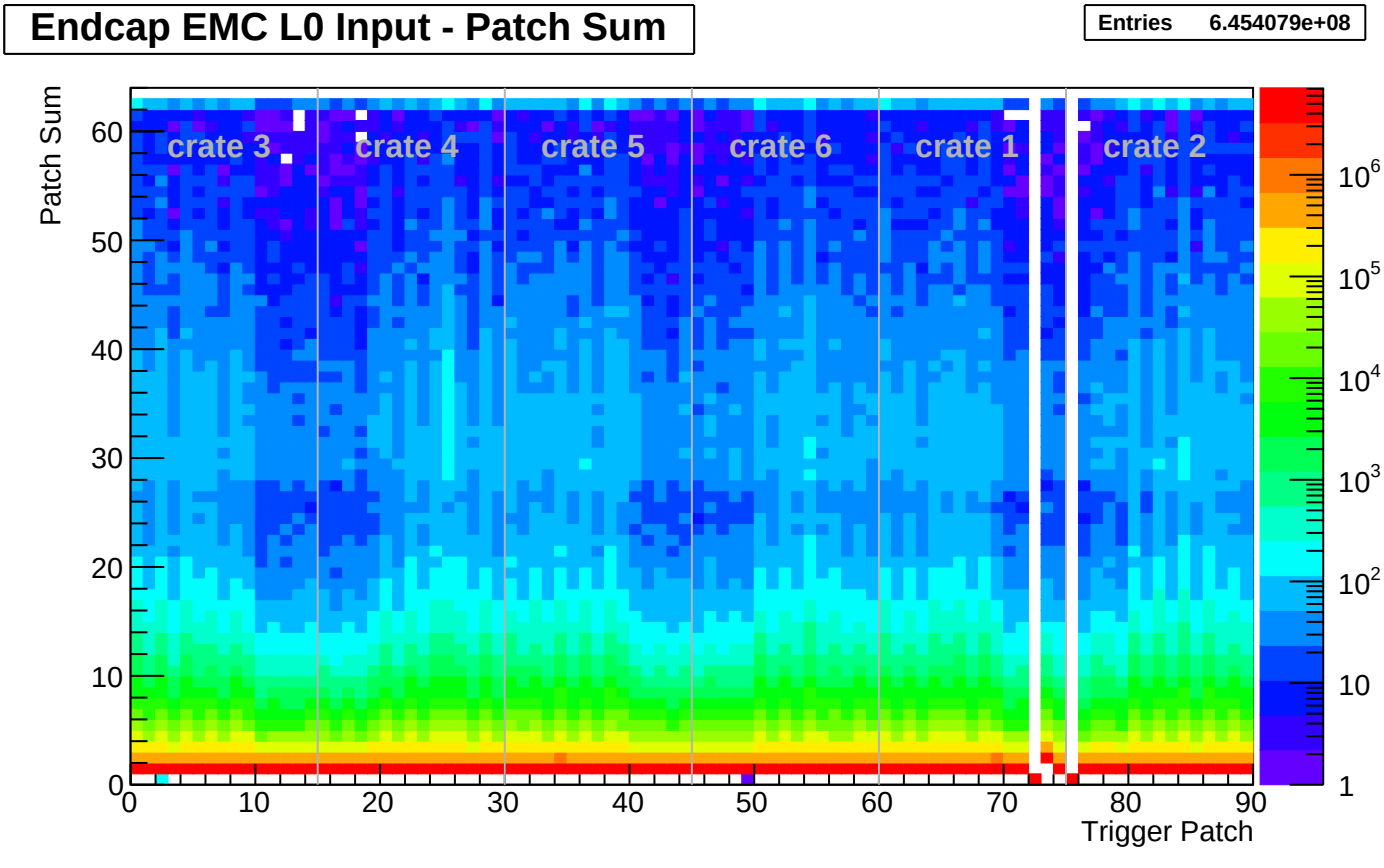
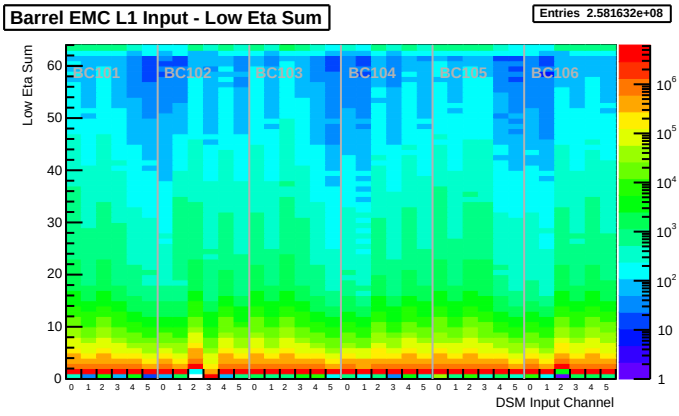
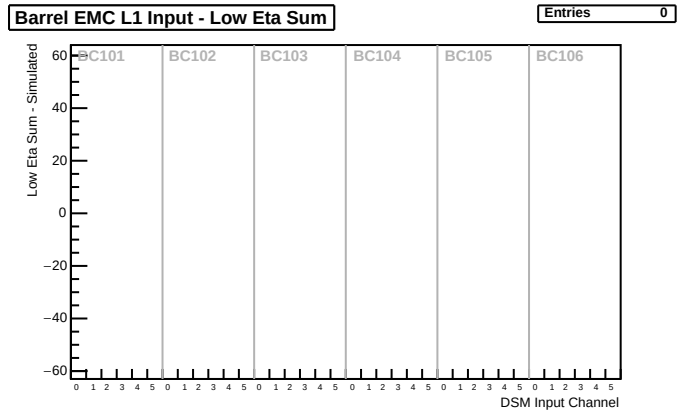

Barrel EMC L0 Input - High Tower
Entries 2.15136e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

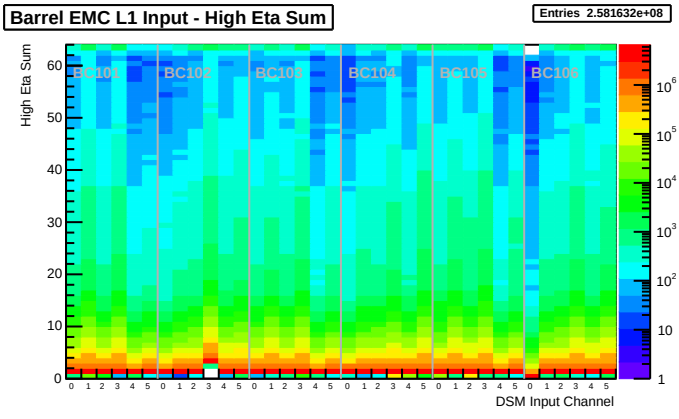

Barrel EMC L0 Input - Patch Sum
Entries 2.15136e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

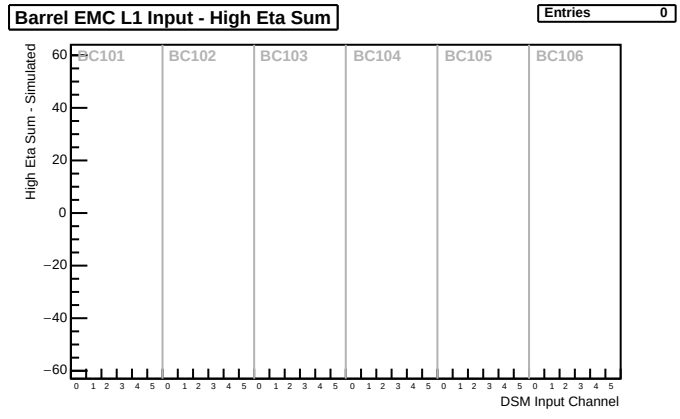

Endcap EMC L0 Input - High Tower
Entries 6.454079e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

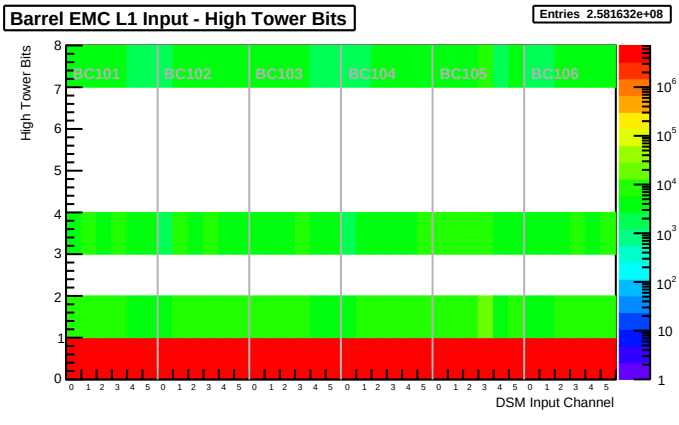

Endcap EMC L0 Input - Patch Sum
Entries 6.454079e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

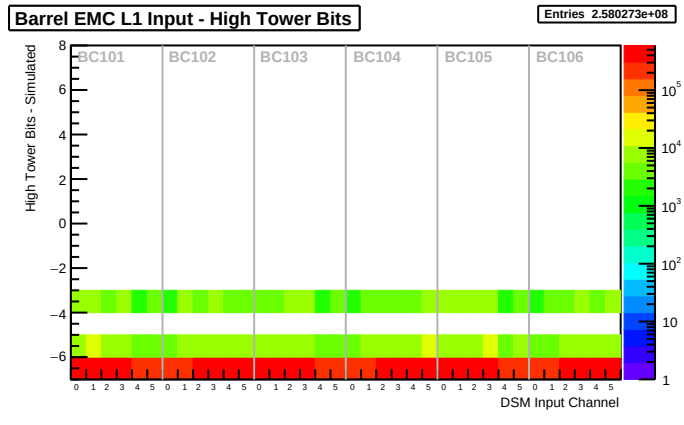

Barrel EMC L1 Input - Low Eta Sum
Entries 2.581632e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

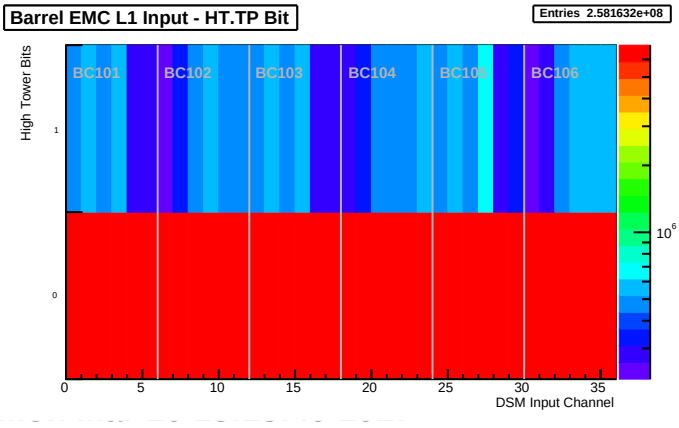

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

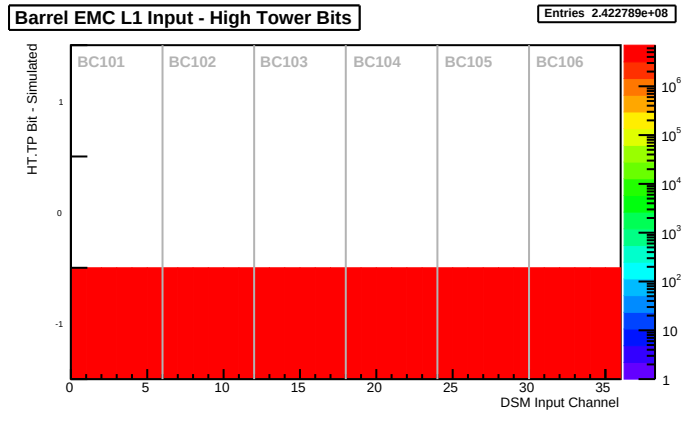

Barrel EMC L1 Input - High Eta Sum
Entries 2.581632e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

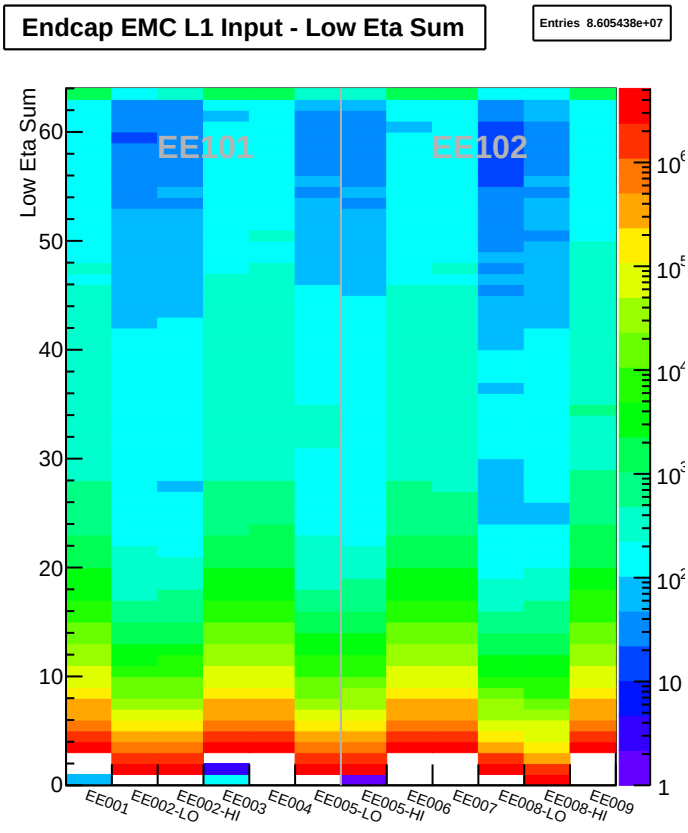

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

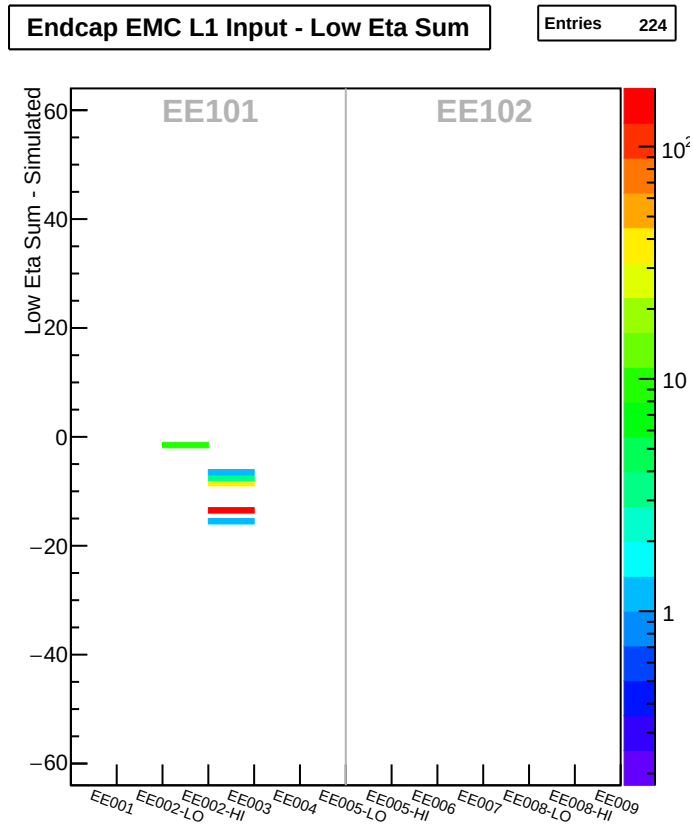

Barrel EMC L1 Input - High Tower Bits
Entries 2.581632e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

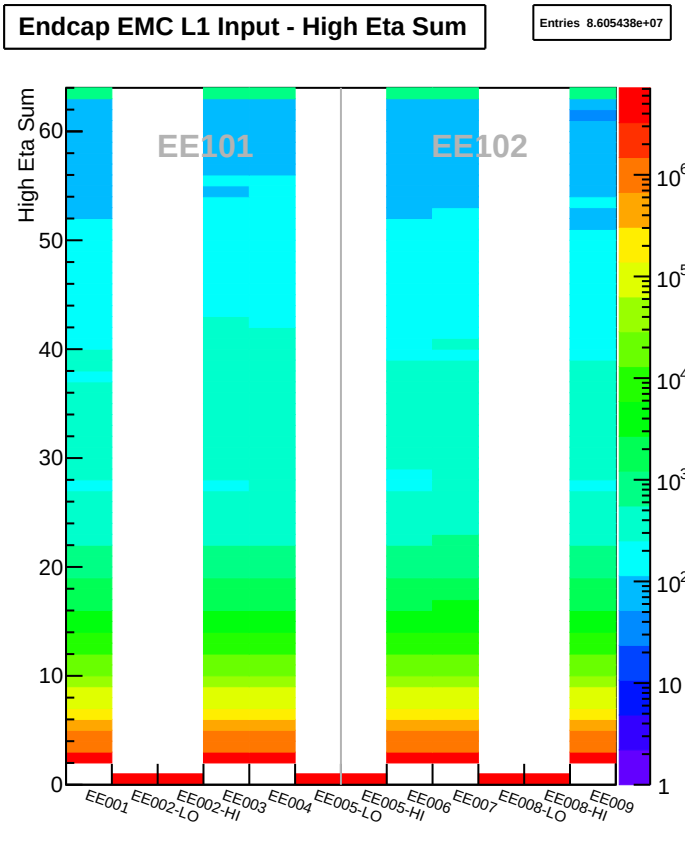

Barrel EMC L1 Input - High Tower Bits
Entries 2.580273e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

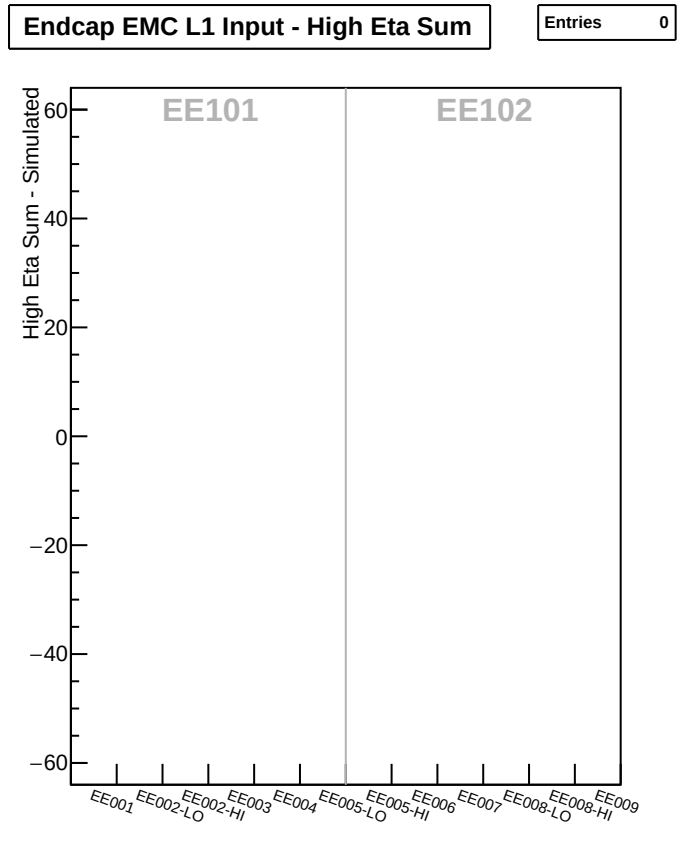

Barrel EMC L1 Input - HT.TP Bit
Entries 2.581632e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

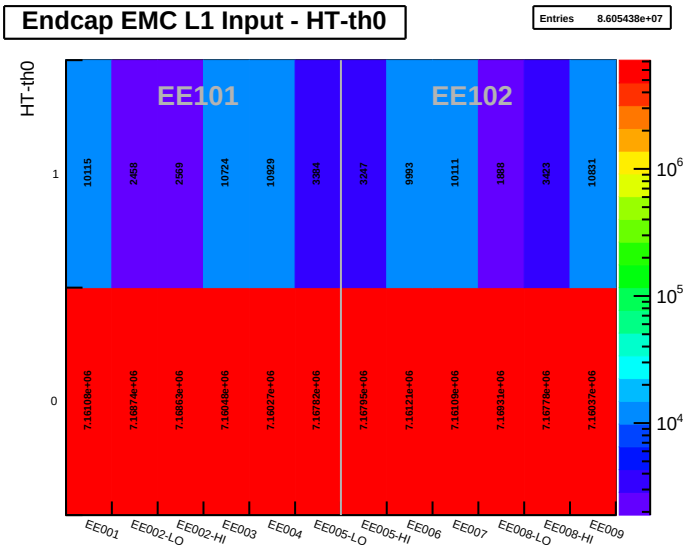

Barrel EMC L1 Input - High Tower Bits
Entries 2.422789e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

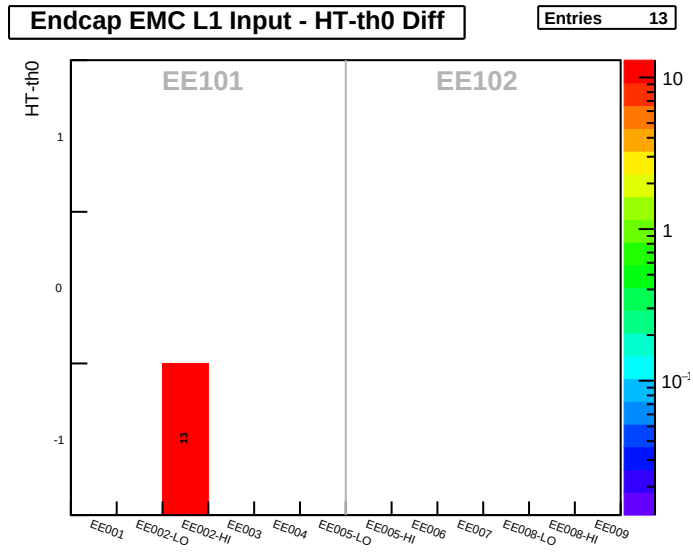

Endcap EMC L1 Input - Low Eta Sum
Entries 8.605438e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

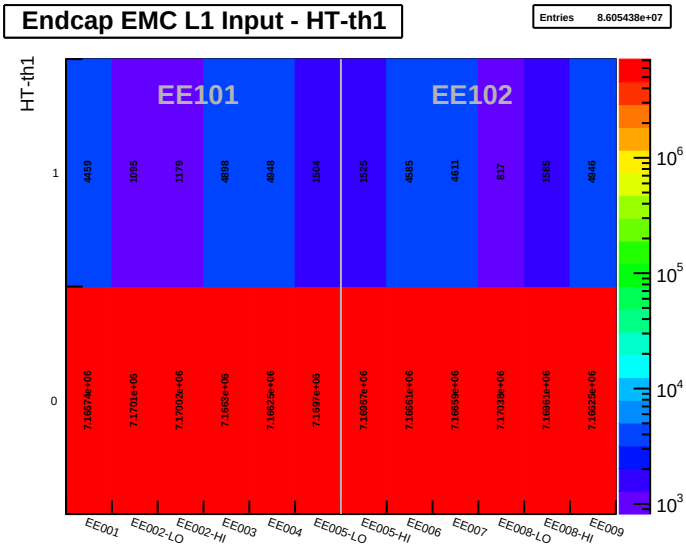

Endcap EMC L1 Input - Low Eta Sum
Entries 224
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

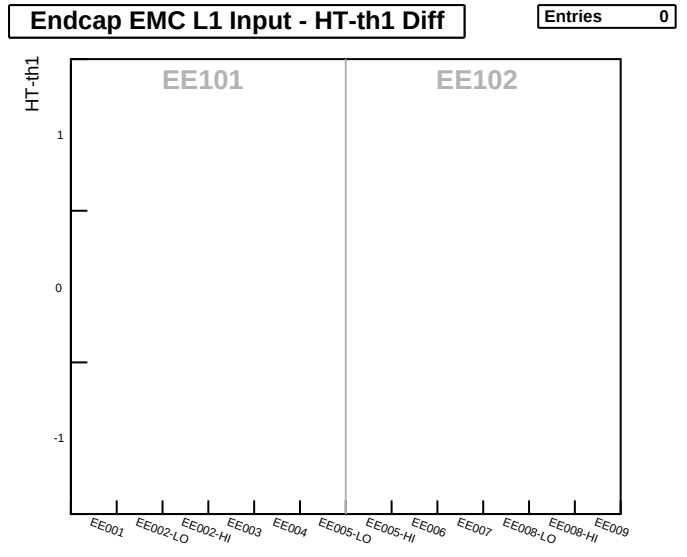

Endcap EMC L1 Input - High Eta Sum
Entries 8.605438e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

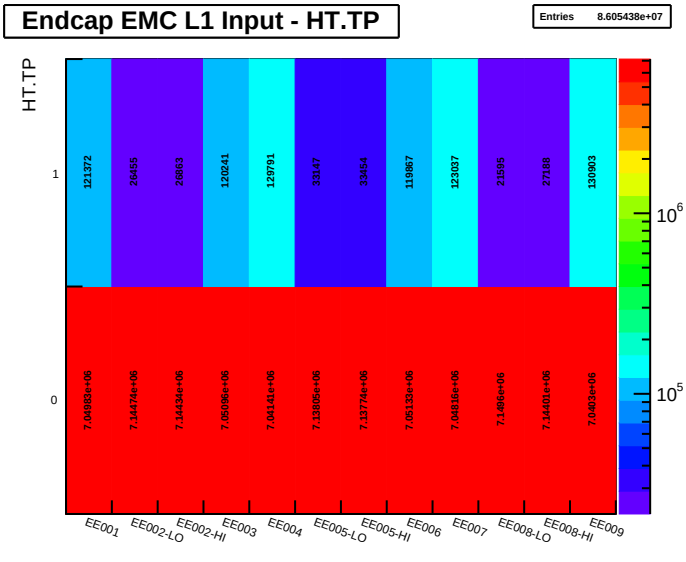

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

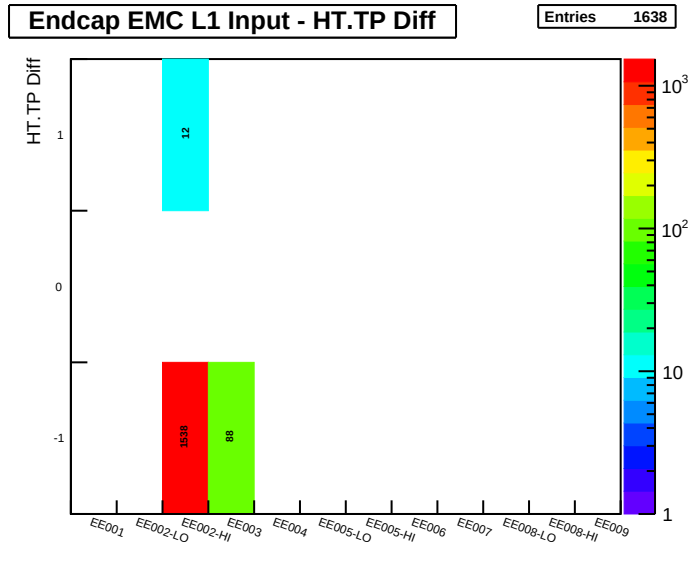

Endcap EMC L1 Input - HT-th0
Entries 8.605438e+07
HT-th0
EE101
EE102
10115
2458
2569
10724
10929
3384
3247
9993
10111
1838
3423
10831
7.16108e+06
7.16874e+06
7.16863e+06
7.16049e+06
7.16027e+06
7.16782e+06
7.16795e+06
7.16121e+06
7.16109e+06
7.16931e+06
7.16778e+06
7.16037e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

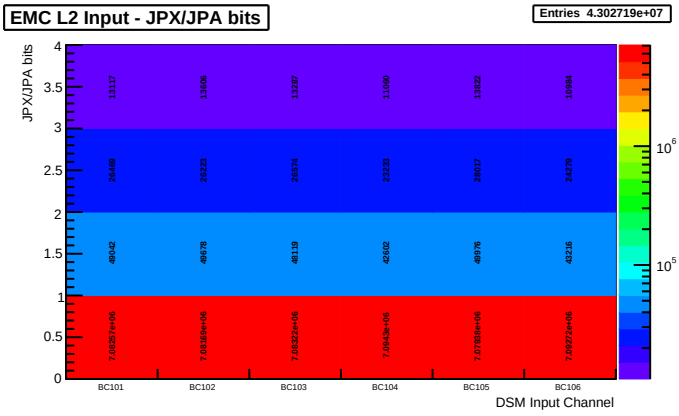

Endcap EMC L1 Input - HT-th0 Diff
Entries 13
HT-th0
EE101
EE102
13
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

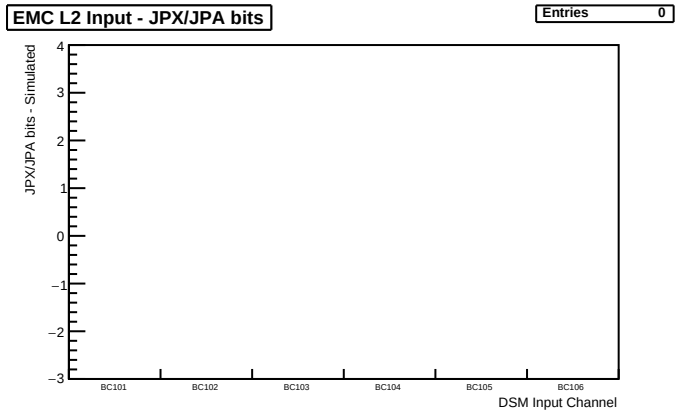

Endcap EMC L1 Input - HT-th1
Entries 8.605438e+07
HT-th1
EE101
EE102
4459
1095
1179
4898
4948
1504
1525
4585
4611
817
1585
4946
7.16674e+06
7.17701e+06
7.17002e+06
7.1663e+06
7.16625e+06
7.1697e+06
7.16967e+06
7.16661e+06
7.16659e+06
7.17038e+06
7.16661e+06
7.16625e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

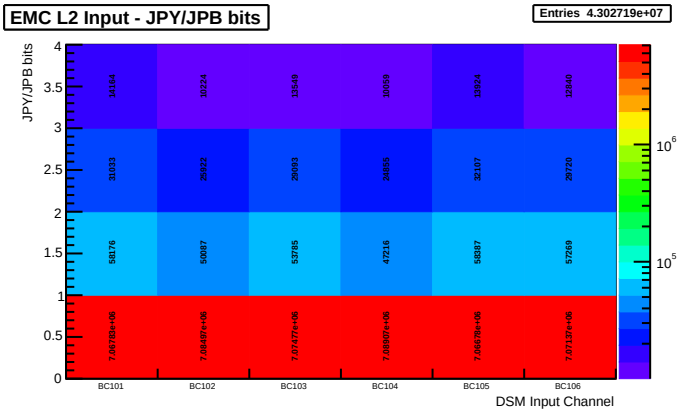

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

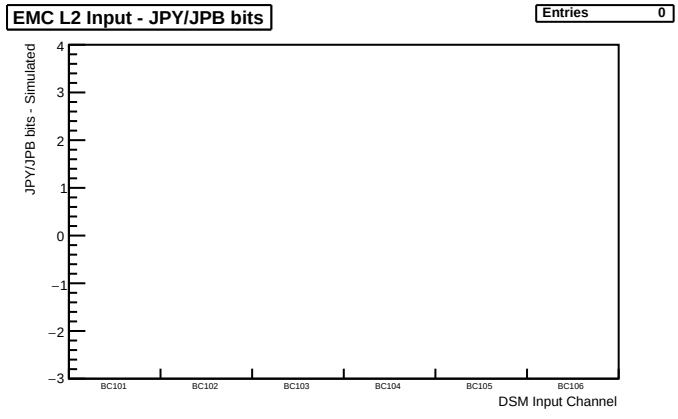

Endcap EMC L1 Input - HT.TP
Entries 8.605438e+07
HT.TP
121372
26455
26863
120241
129791
33147
33454
119867
123037
21595
27188
130903
7.04983e+06
7.14474e+06
7.14434e+06
7.05096e+06
7.0414e+06
7.13805e+06
7.13774e+06
7.05133e+06
7.04816e+06
7.1406e+06
7.14401e+06
7.0403e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

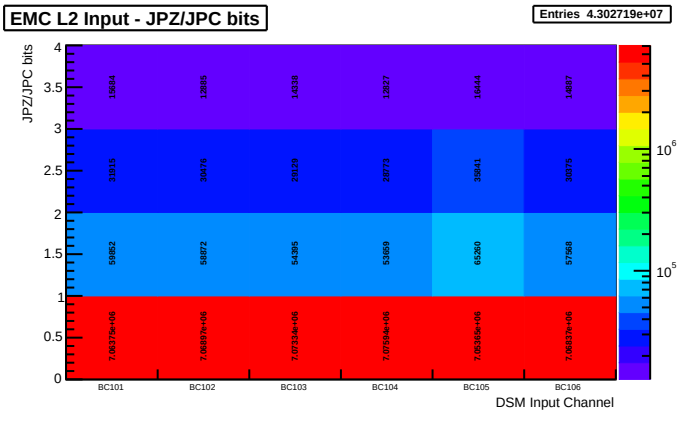

Endcap EMC L1 Input - HT.TP Diff
Entries 1638
HT.TP Diff
12
1538
88
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

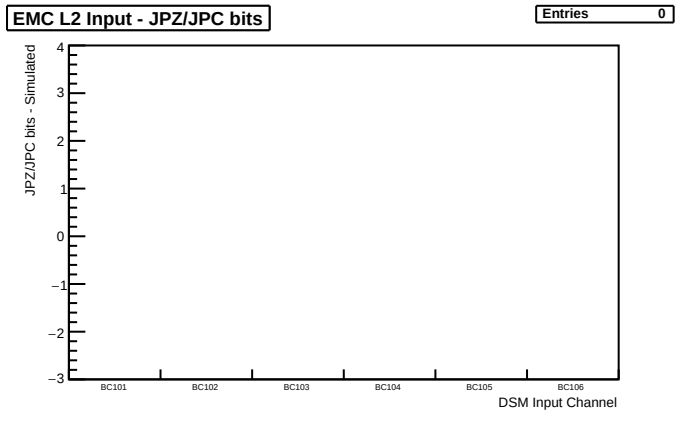

EMC L2 Input - JPX/JPA bits
Entries 4.302719e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13117
13606
13257
11060
13822
10984
26448
26323
26574
23233
28017
24279
49042
49678
48119
42602
49976
43216
7.06257e+06
7.03159e+06
7.06322e+06
7.0943e+06
7.07938e+06
7.09272e+06

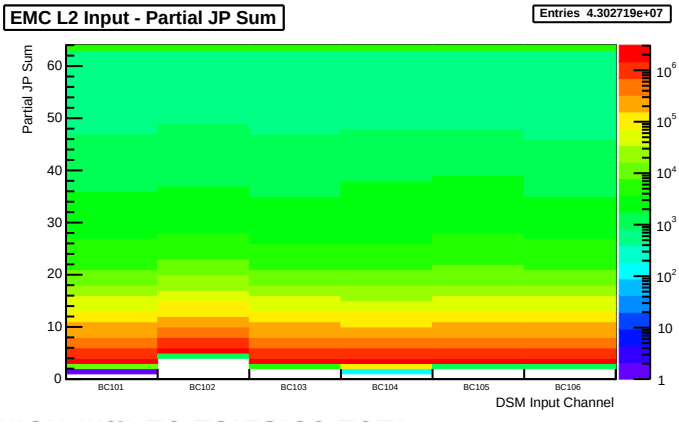

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

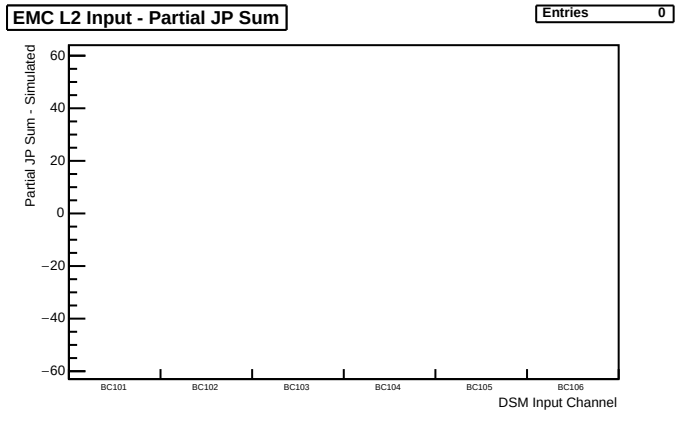

EMC L2 Input - JPY/JPB bits
Entries 4.302719e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14164
10224
13549
10059
13924
12340
31033
25922
29093
24855
32107
29720
58176
50987
53785
47216
58387
52769
7.06783e+06
7.08497e+06
7.07477e+06
7.08907e+06
7.06578e+06
7.07137e+06

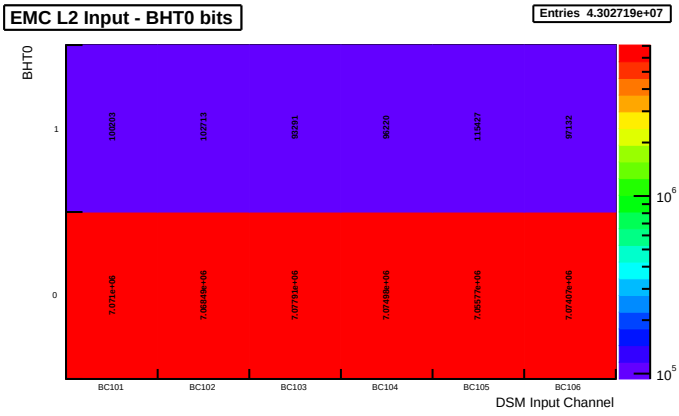

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

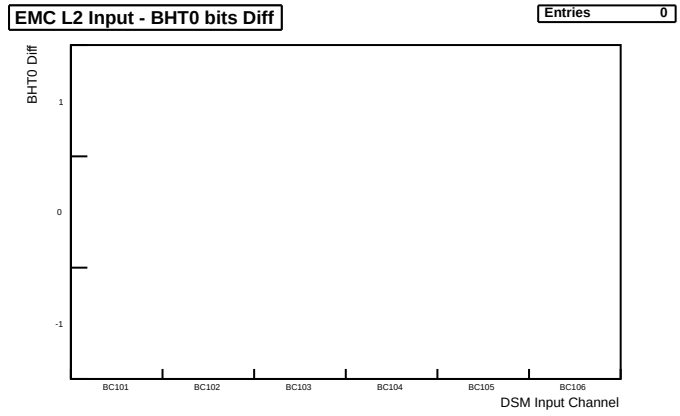

EMC L2 Input - JPZ/JPC bits
Entries 4.302719e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15634
12835
14538
12627
16444
14687
31515
30476
29129
28773
33941
30375
59852
58872
54395
53659
65260
57568
7.06375e+06
7.06897e+06
7.07534e+06
7.07594e+06
7.05935e+06
7.06837e+06

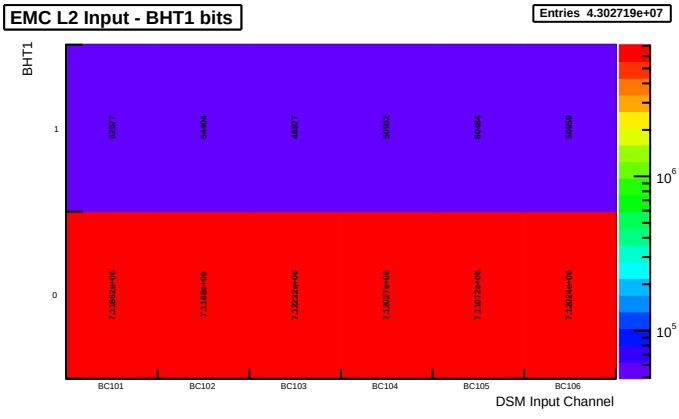

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

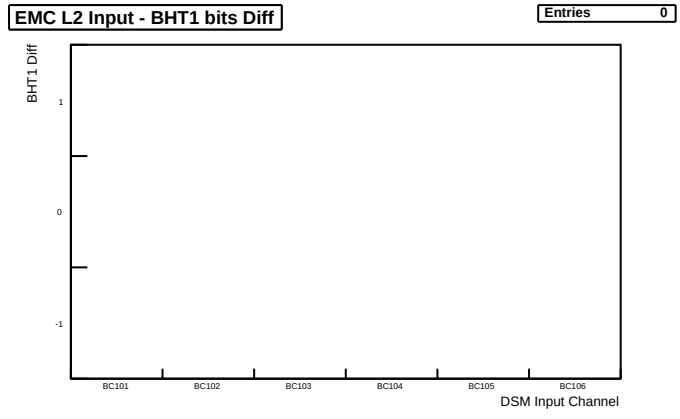

EMC L2 Input - Partial JP Sum
Entries 4.302719e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

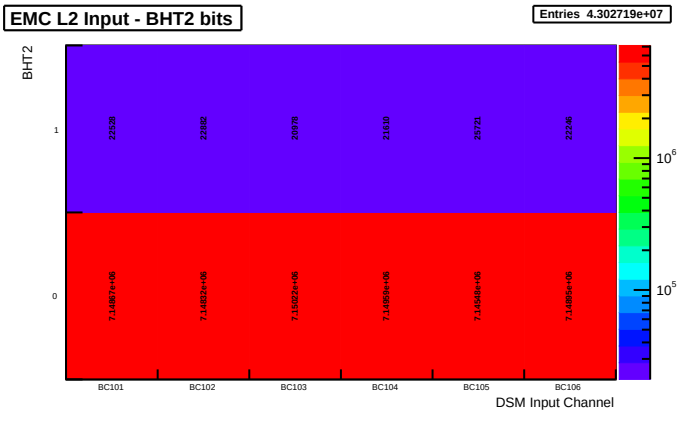

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

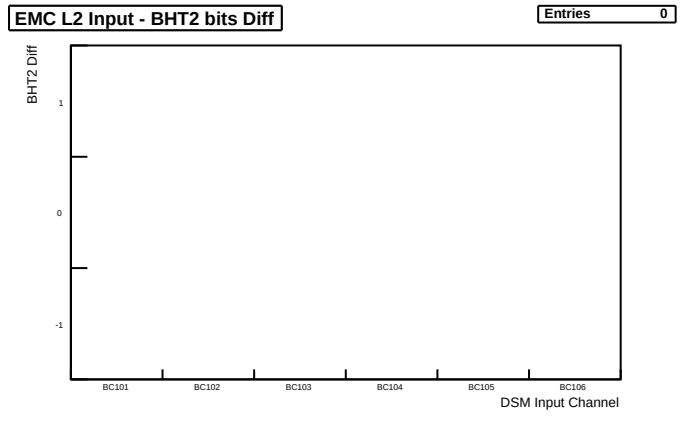

EMC L2 Input - BHT0 bits
Entries 4.302719e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

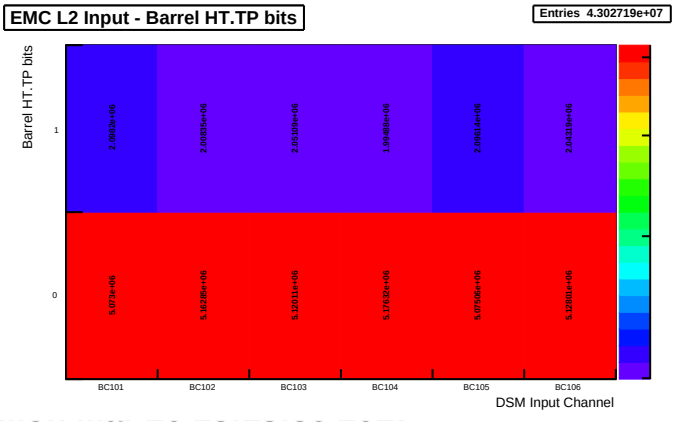

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

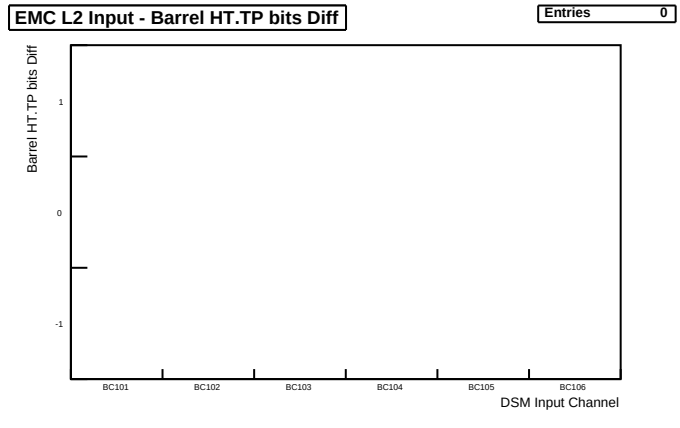

EMC L2 Input - BHT1 bits
Entries 4.302719e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

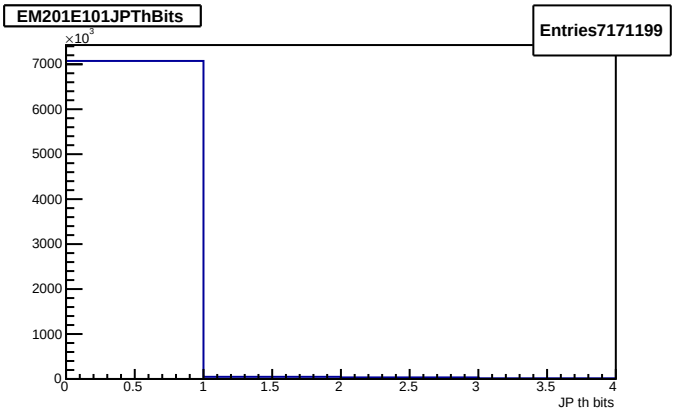

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

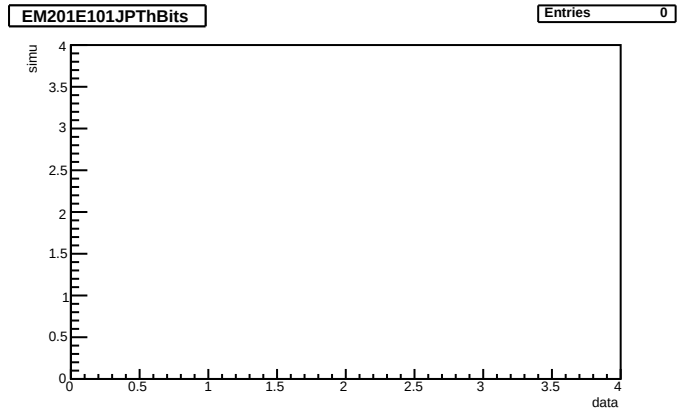

EMC L2 Input - BHT2 bits
Entries 4.302719e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

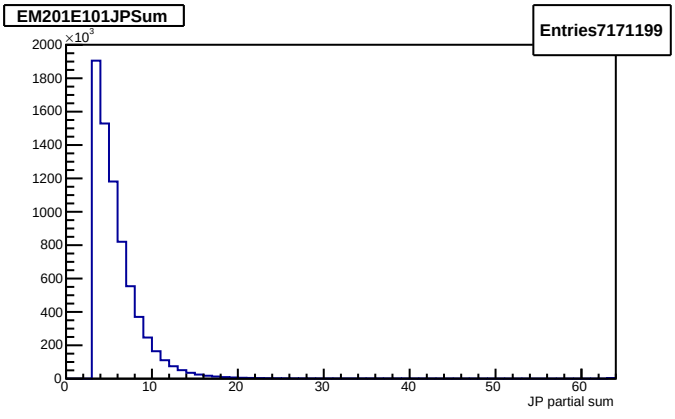

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

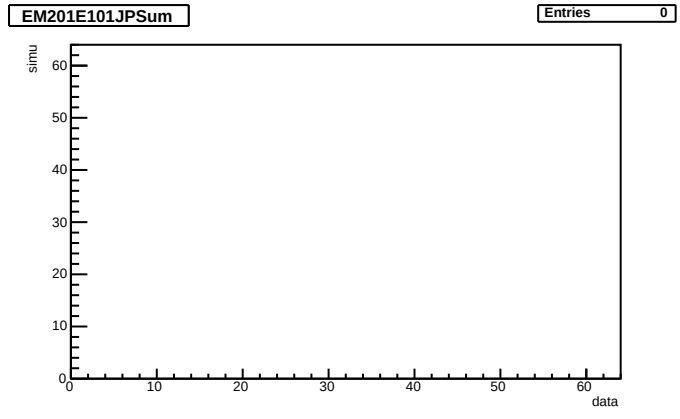

EMC L2 Input - Barrel HT.TP bits
Entries 4.302719e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

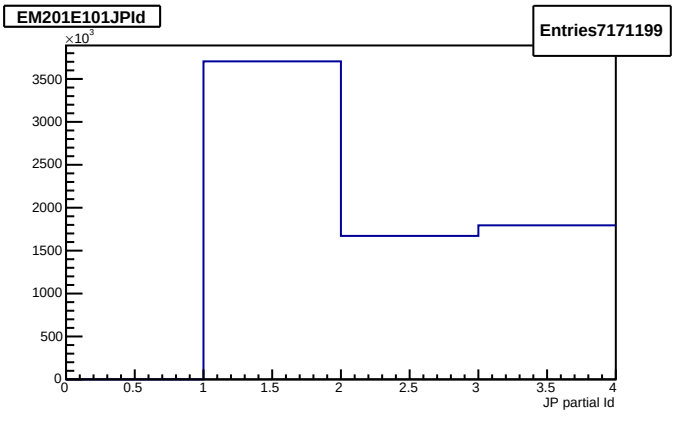

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

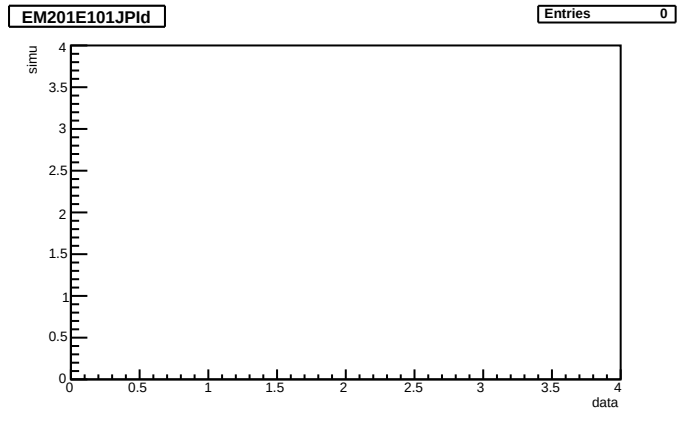

EM201E101JPThBits
Entries7171199
×10^3
7000
6000
5000
4000
3000
2000
1000
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP th bits

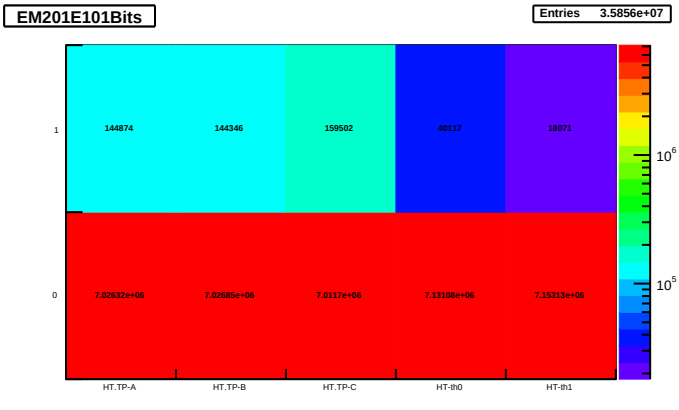

EM201E101JPThBits
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

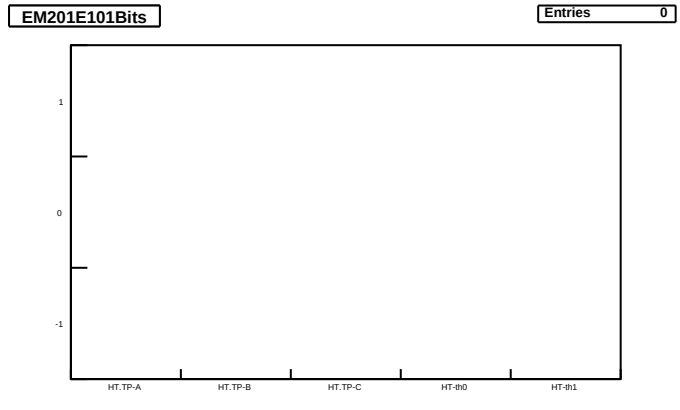

EM201E101JPSum
Entries7171199
×10^3
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0 10 20 30 40 50 60
JP partial sum

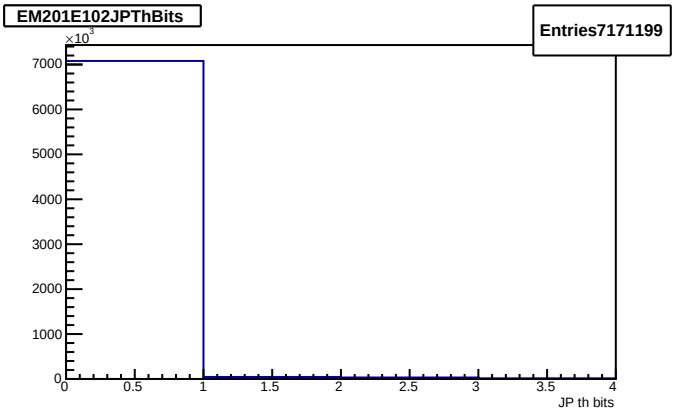

EM201E101JPSum
Entries 0
simu
60 50 40 30 20 10 0
0 10 20 30 40 50 60
data

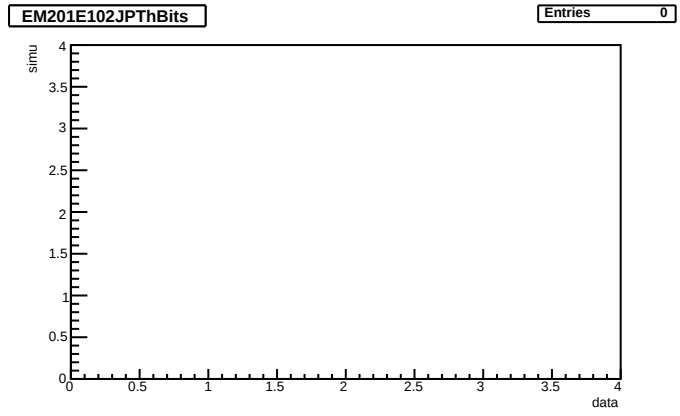

EM201E101JPId
Entries7171199
×10^3
3500
3000
2500
2000
1500
1000
500
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP partial Id

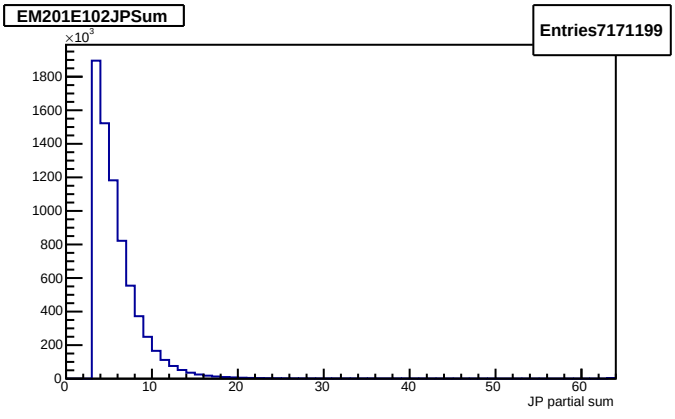

EM201E101JPId
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

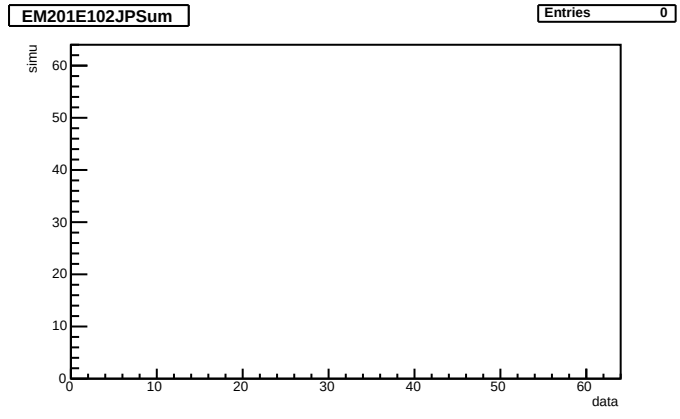

EM201E101Bits
Entries 3.5856e+07
1
0
144874
144346
159502
40117
18071
7.02632e+06
7.02685e+06
7.0117e+06
7.13108e+06
7.15313e+06
10^6
10^5
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

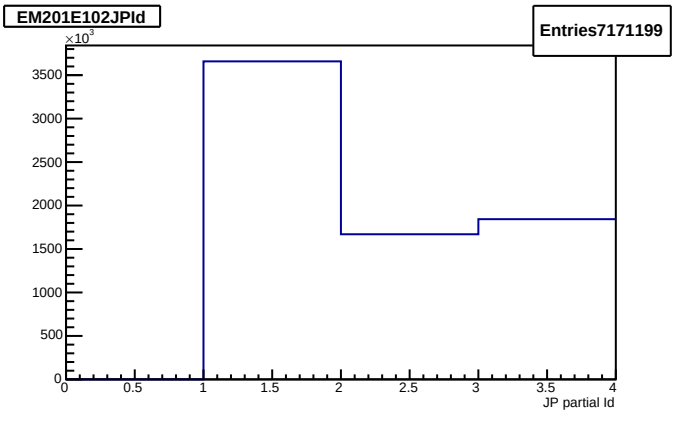

EM201E101Bits
Entries 0
1
0
-1
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

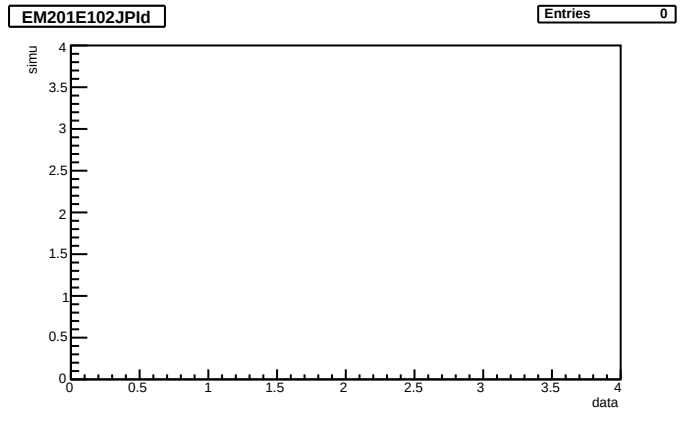

EM201E102JPThBits
Entries7171199
×10^3
7000
6000
5000
4000
3000
2000
1000
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP th bits

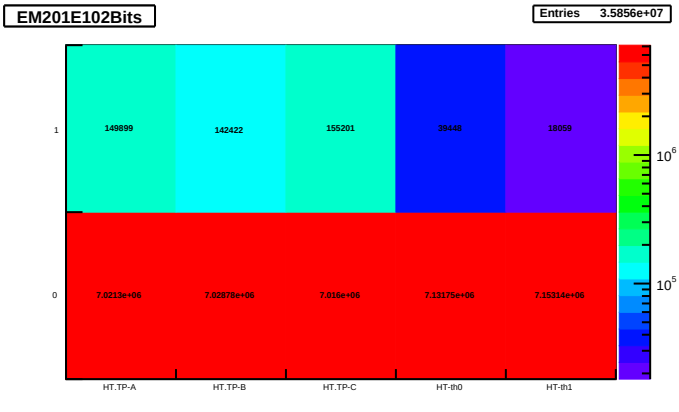

EM201E102JPThBits
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

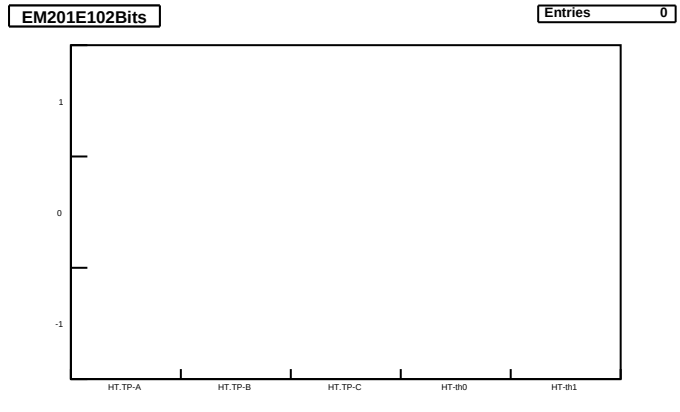

EM201E102JPSum
Entries7171199
×10^3
1800
1600
1400
1200
1000
800
600
400
200
0
0 10 20 30 40 50 60
JP partial sum

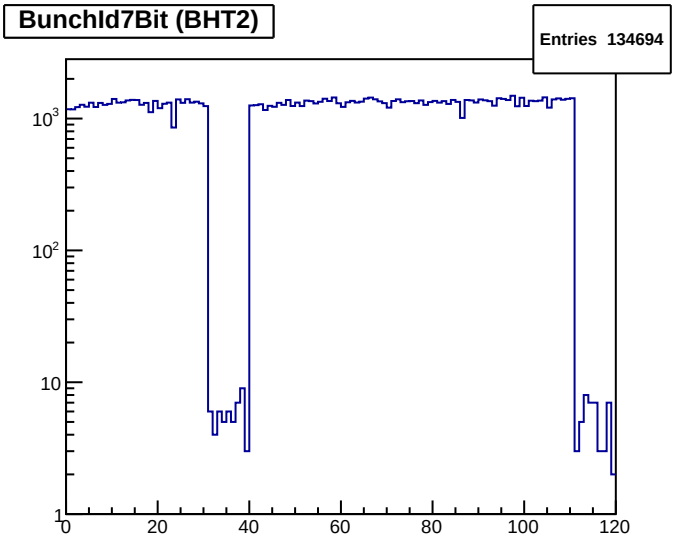

EM201E102JPSum
Entries 0
simu
60 50 40 30 20 10 0
0 10 20 30 40 50 60
data

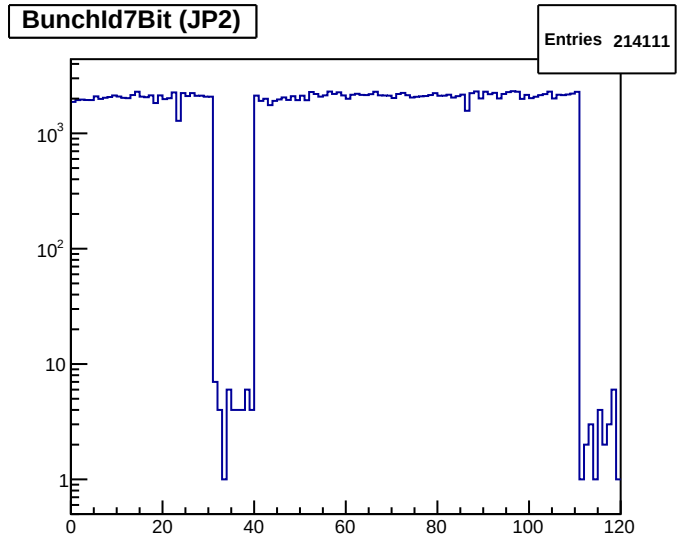

EM201E102JPId
Entries7171199
×10^3
3500
3000
2500
2000
1500
1000
500
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP partial Id

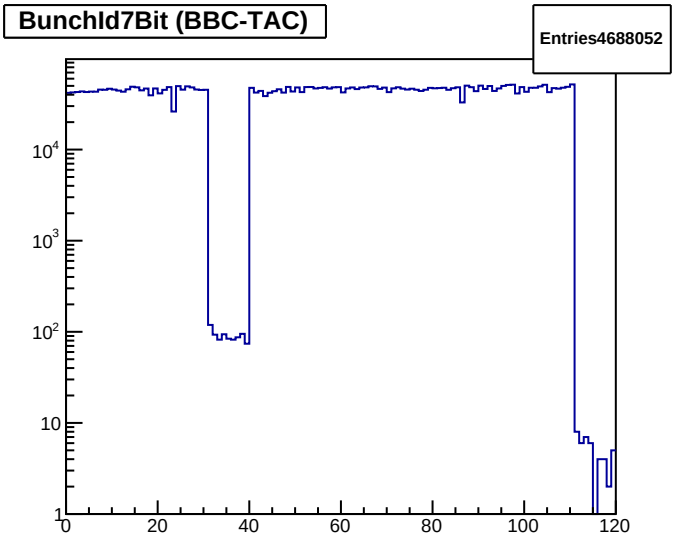

EM201E102JPId
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

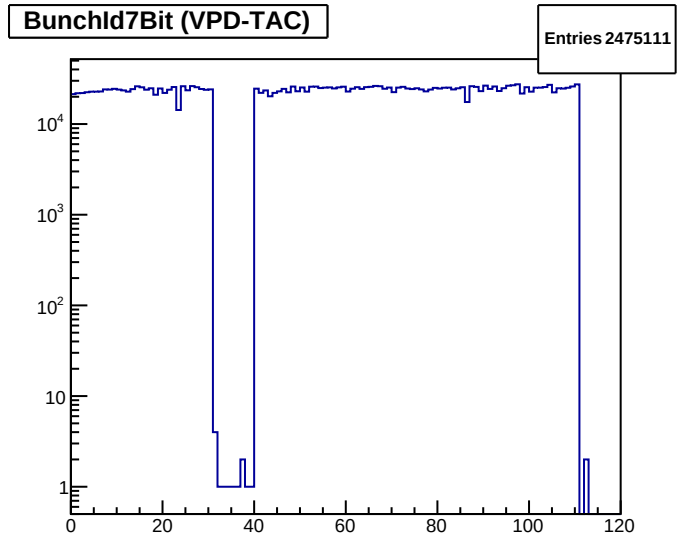

EM201E102Bits
Entries 3.5856e+07
1
0
149899
142422
155201
39448
18059
7.0213e+06
7.02878e+06
7.016e+06
7.13175e+06
7.15314e+06
10^6
10^5
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

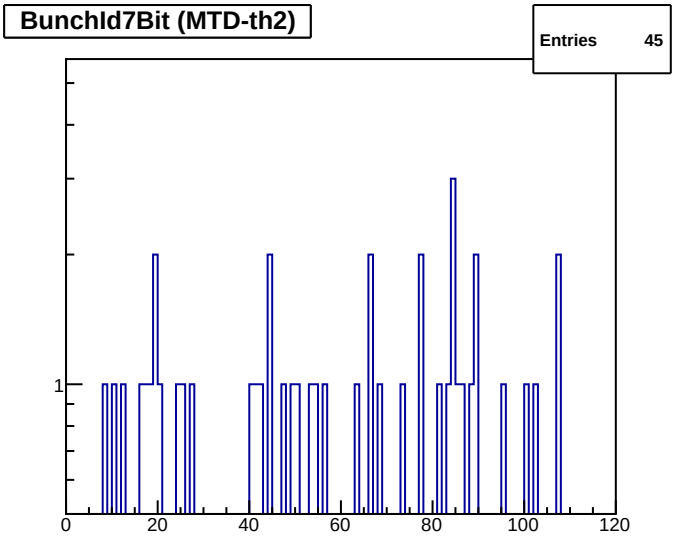

EM201E102Bits
Entries 0
1
0
-1
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

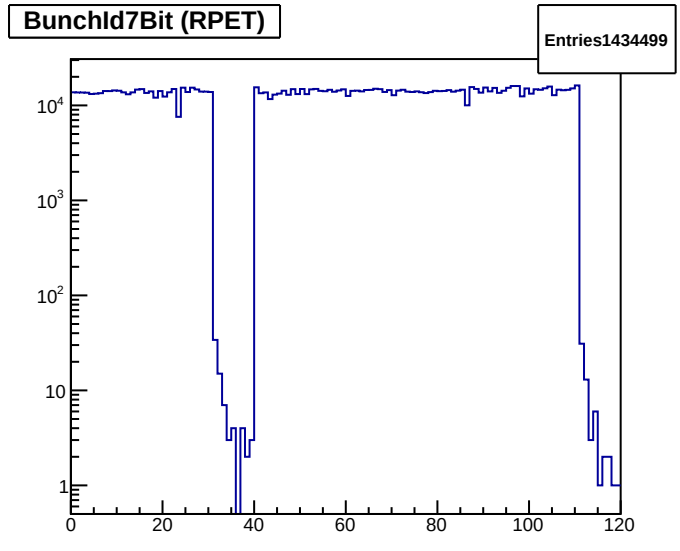

BunchId7Bit (BHT2)
Entries 134694

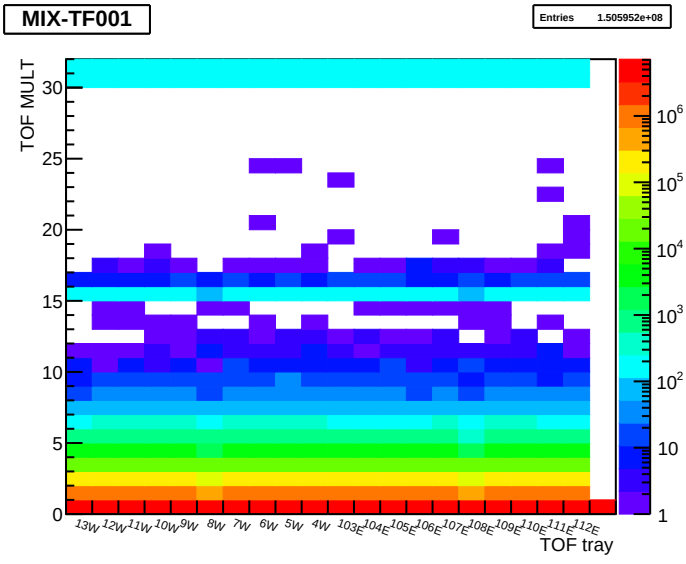

BunchId7Bit (JP2)
Entries 214111

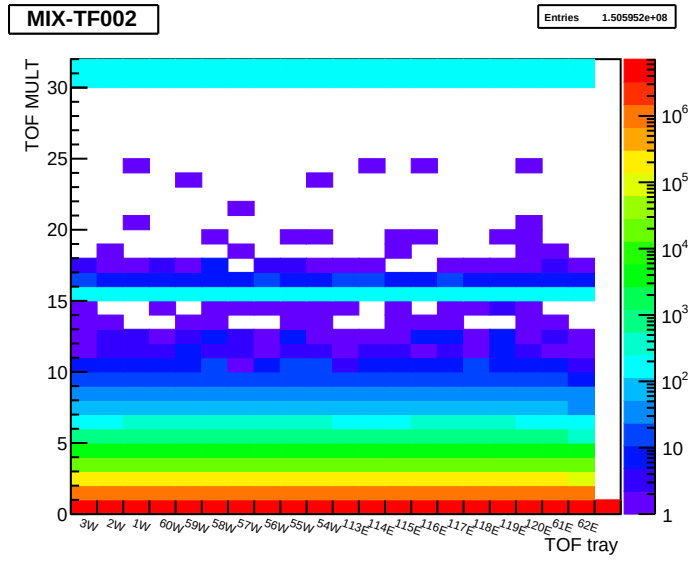

BunchId7Bit (BBC-TAC)
Entries4688052

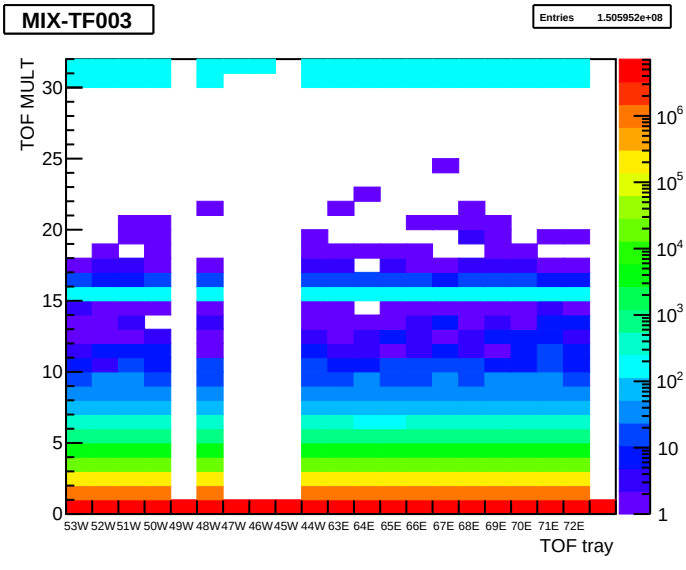

BunchId7Bit (VPD-TAC)
Entries 2475111

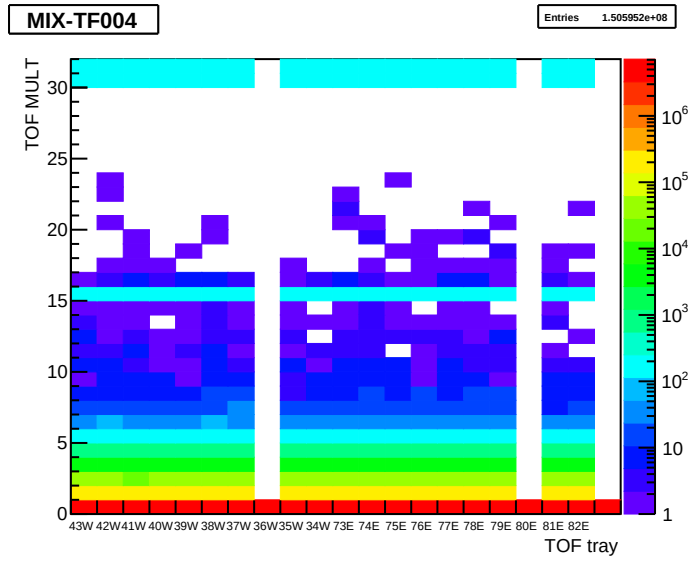

BunchId7Bit (MTD-th2)
Entries 45

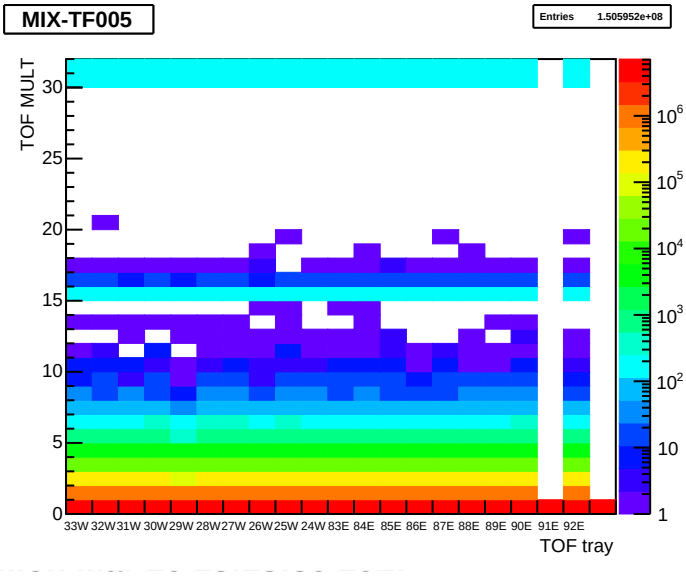

BunchId7Bit (RPET)
Entries1434499

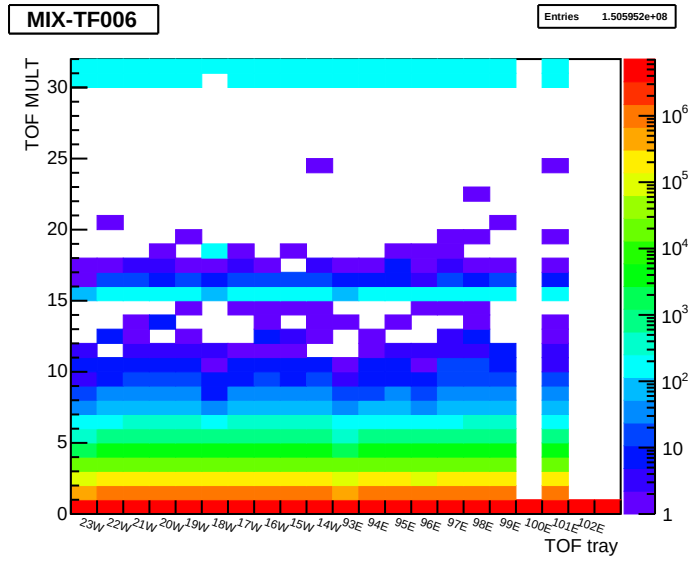

MIX-TF001
Entries 1.505952e+08
TOF MULT
TOF tray

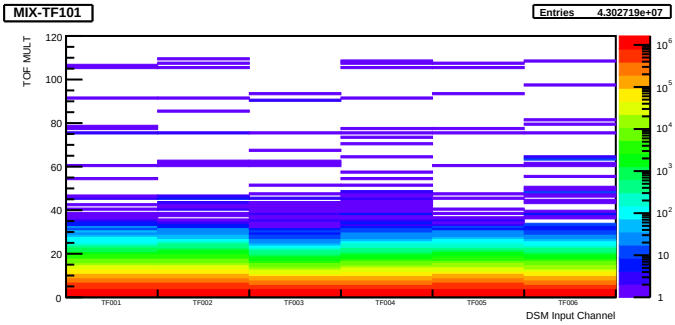

MIX-TF002
Entries 1.505952e+08
TOF MULT
TOF tray

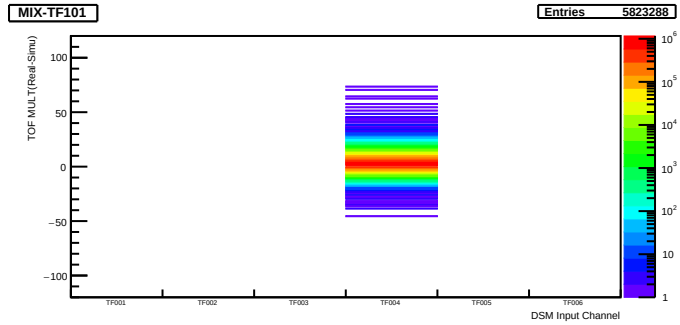

MIX-TF003
Entries 1.505952e+08
TOF MULT
TOF tray

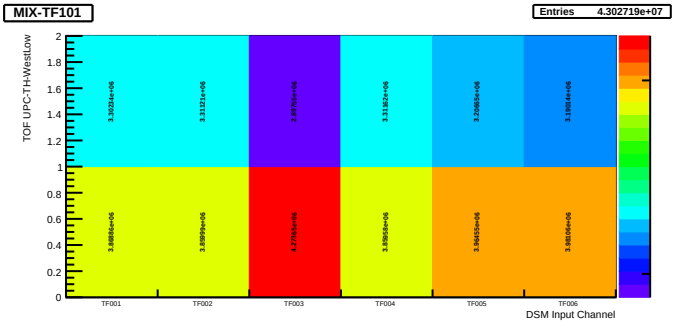

MIX-TF004
Entries 1.505952e+08
TOF MULT
TOF tray

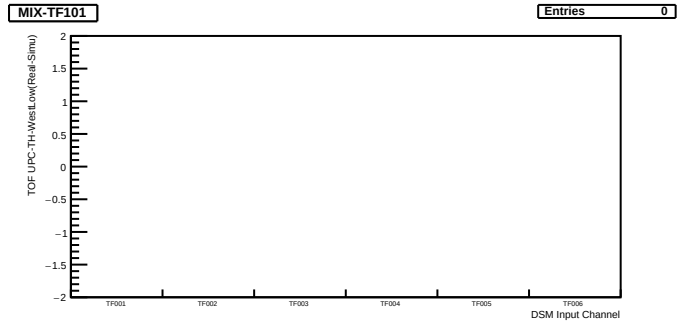

MIX-TF005
Entries 1.505952e+08
TOF MULT
TOF tray

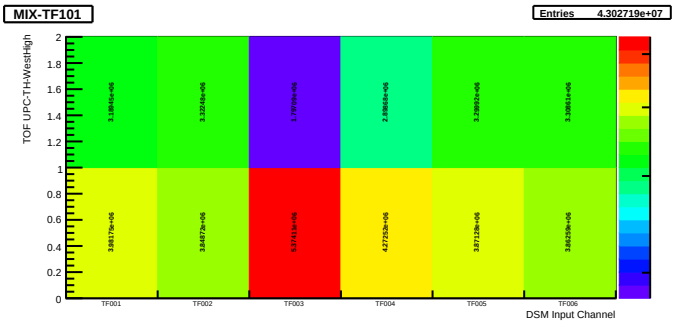

MIX-TF006
Entries 1.505952e+08
TOF MULT
TOF tray

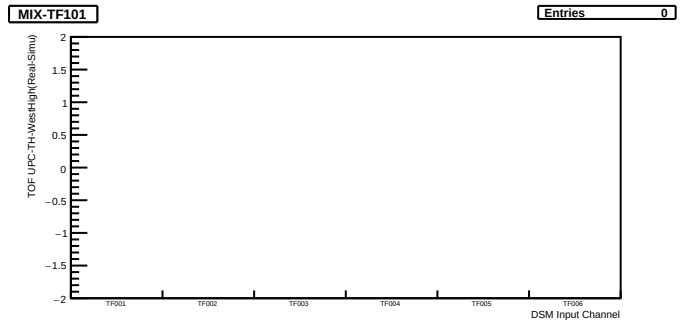

MIX-TF101
Entries 4.302719e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

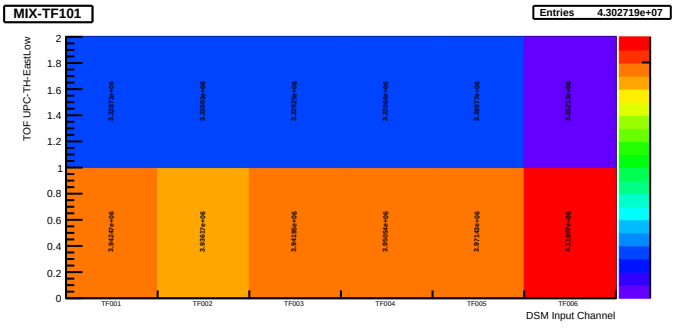

MIX-TF101
Entries 5823288
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

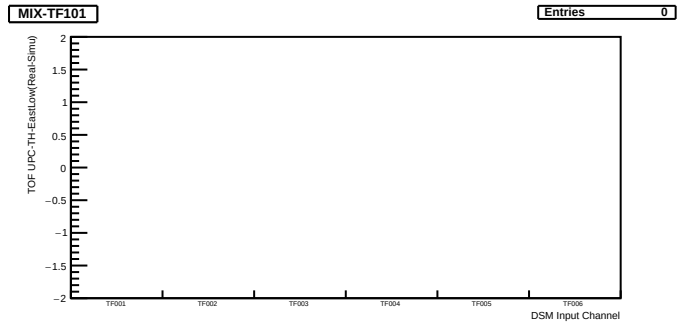

MIX-TF101
Entries 4.302719e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

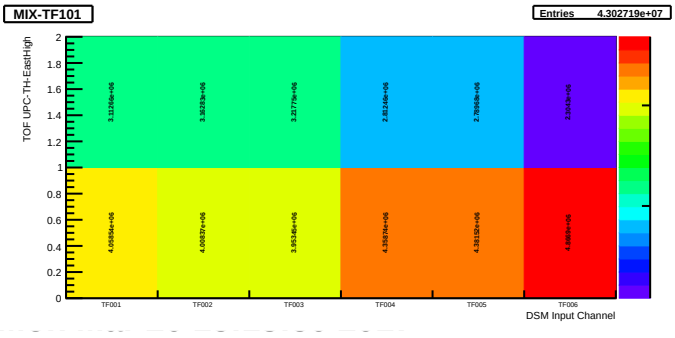

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

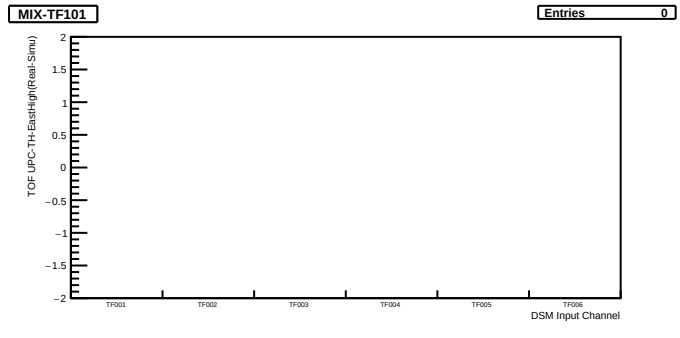

MIX-TF101
Entries 4.302719e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

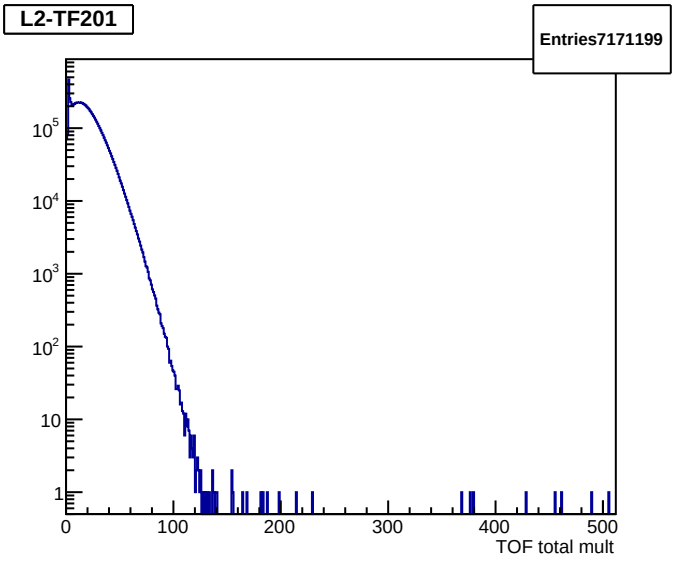

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

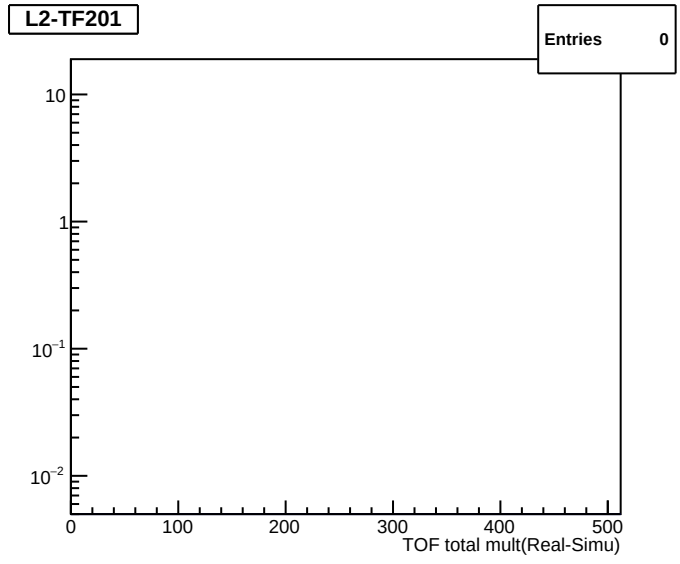

MIX-TF101
Entries 4.302719e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

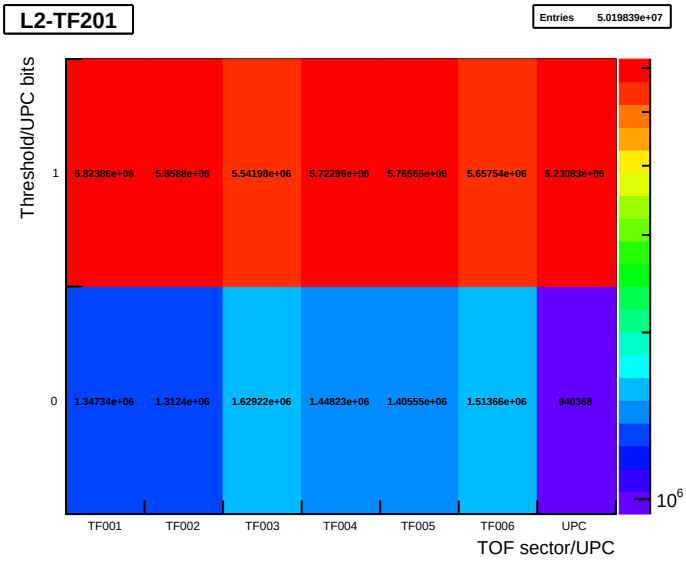

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

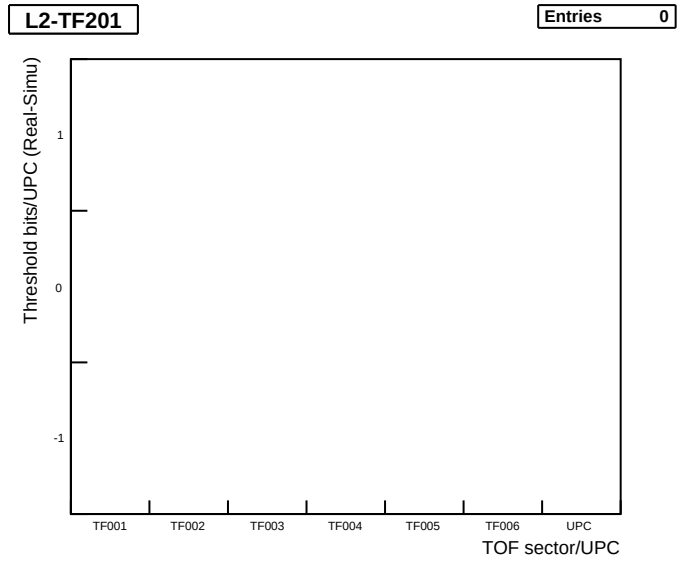

MIX-TF101
Entries 4.302719e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

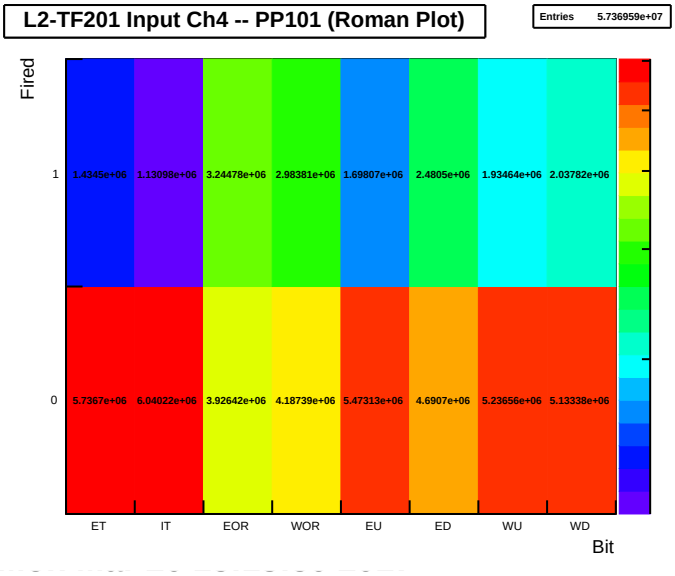

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

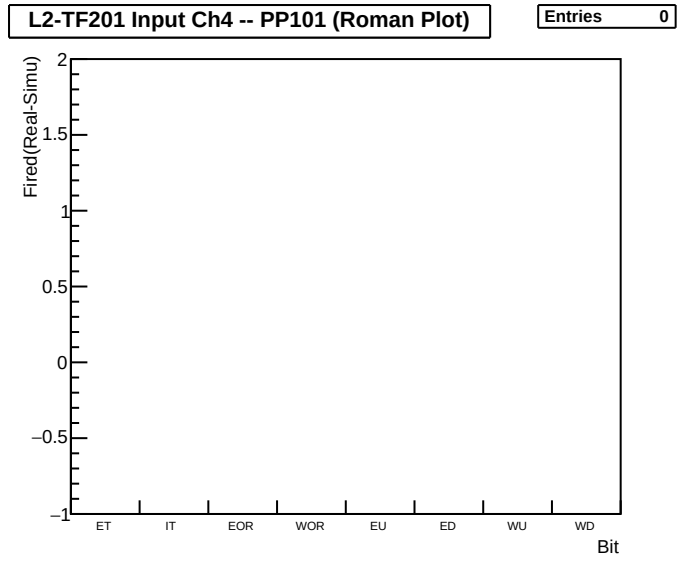

L2-TF201
Entries7171199
TOF total mult

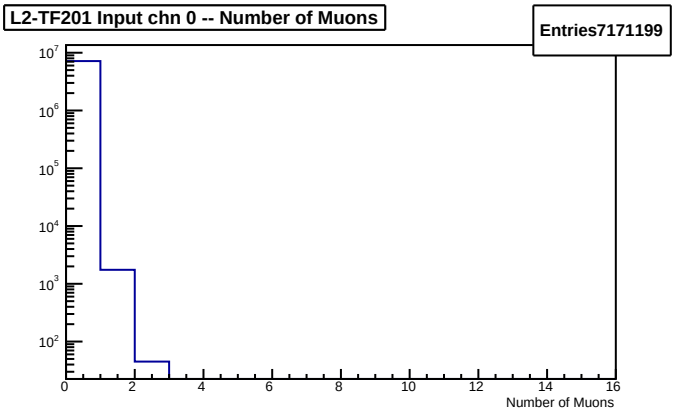

L2-TF201
Entries 0
TOF total mult(Real-Simu)

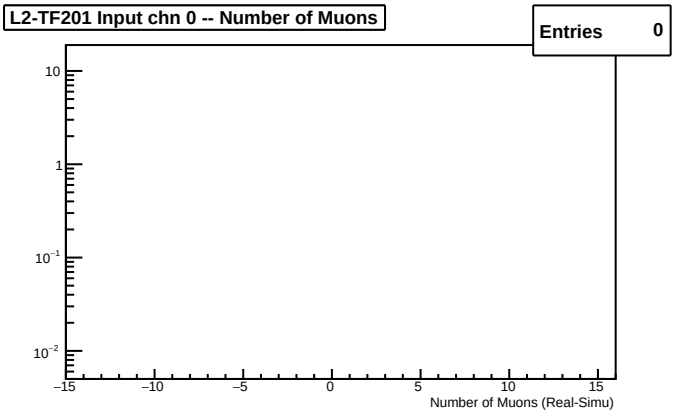

L2-TF201
Entries 5.019839e+07
Threshold/UPC bits
5.82386e+06
5.8588e+06
5.54198e+06
5.72296e+06
5.76565e+06
5.65754e+06
6.23083e+06
1.34734e+06
1.3124e+06
1.62922e+06
1.44823e+06
1.40555e+06
1.51366e+06
940368
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

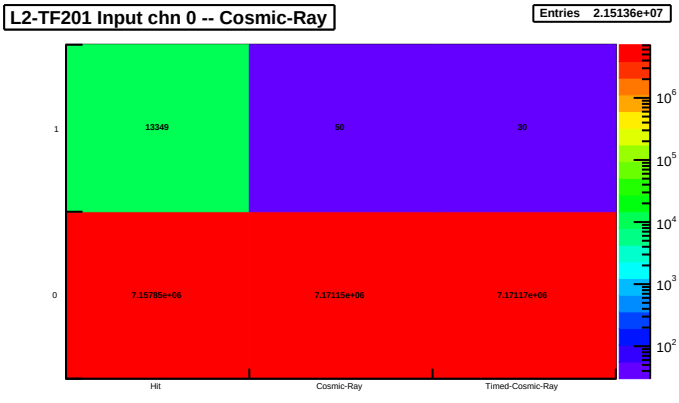

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

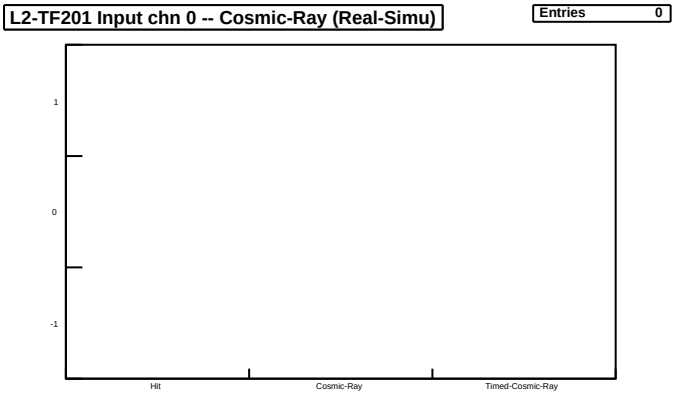

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.736959e+07
Fired
1.4345e+06
1.13098e+06
3.24478e+06
2.98381e+06
1.69807e+06
2.4805e+06
1.93464e+06
2.03782e+06
5.7367e+06
6.04022e+06
3.92642e+06
4.18739e+06
5.47313e+06
4.6907e+06
5.23656e+06
5.13338e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

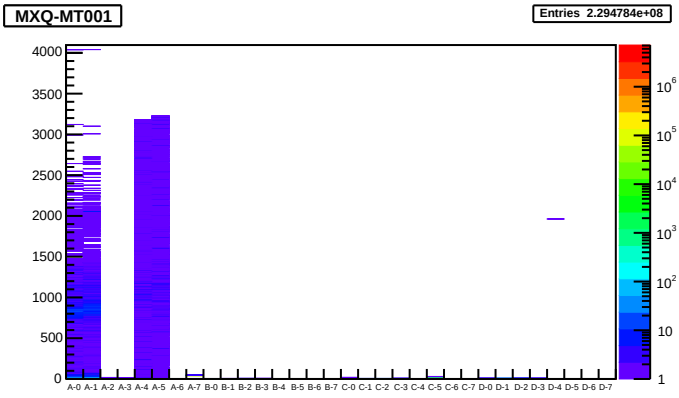

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

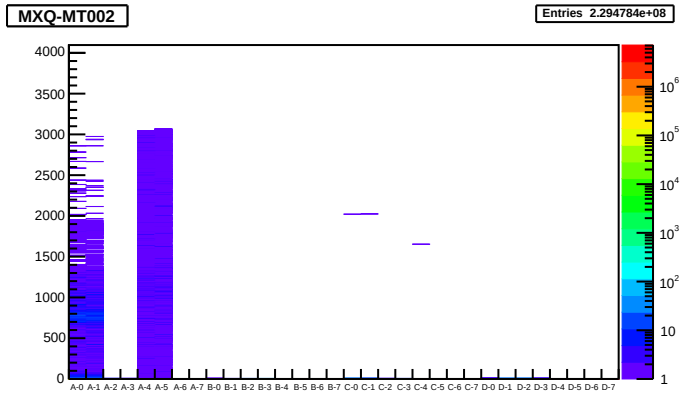

L2-TF201 Input chn 0 -- Number of Muons
Entries7171199
Number of Muons

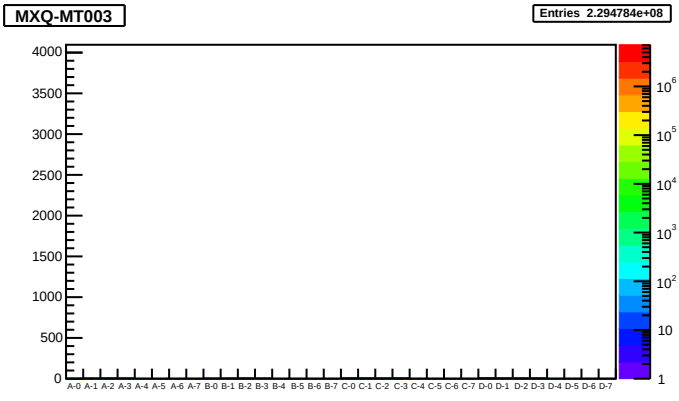

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

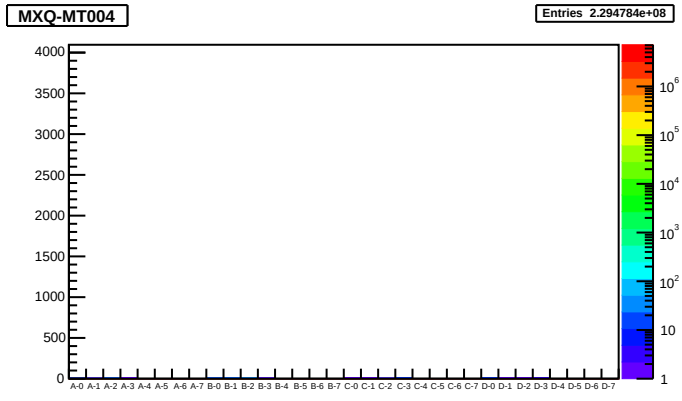

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.15136e+07
13349
50
30
7.15785e+06
7.17115e+06
7.17117e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

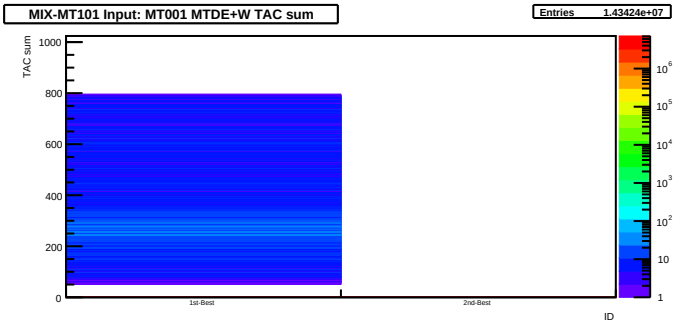

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

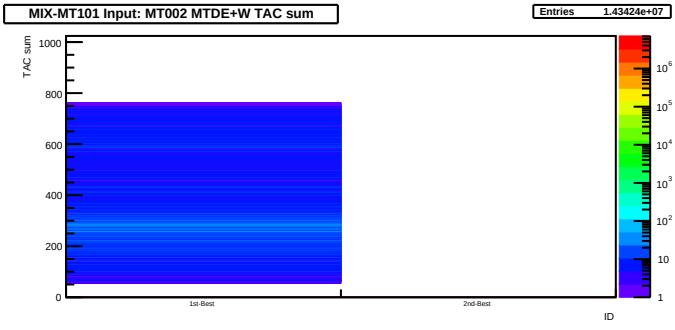

MXQ-MT001
Entries 2.294784e+08

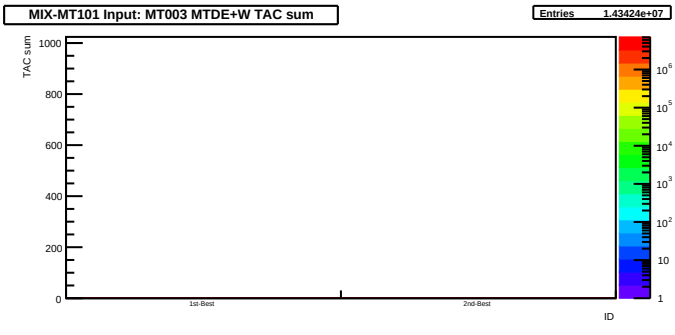

MXQ-MT002
Entries 2.294784e+08

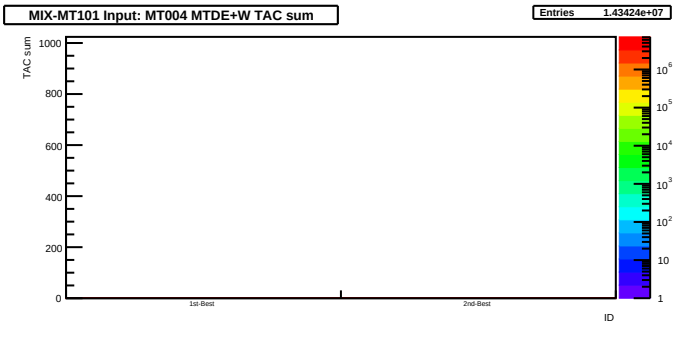

MXQ-MT003
Entries 2.294784e+08

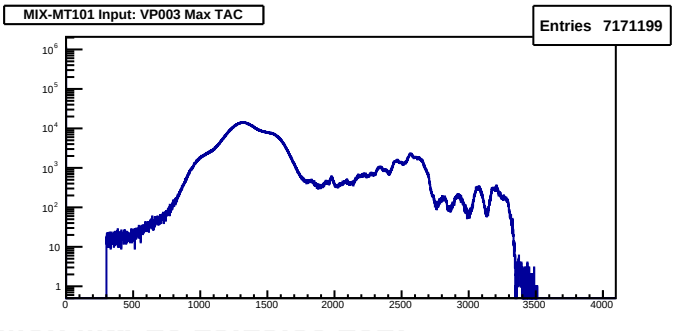

MXQ-MT004
Entries 2.294784e+08

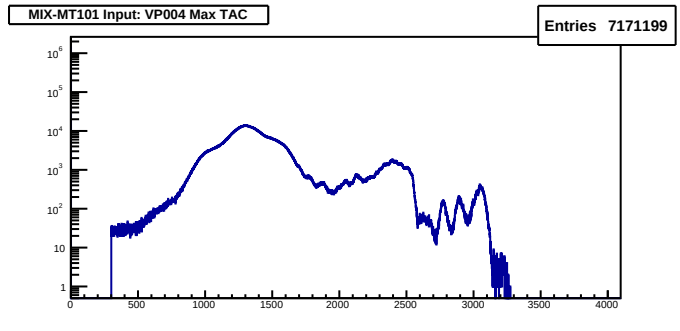

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.43424e+07
TAC sum
1st-Best
2nd-Best
ID

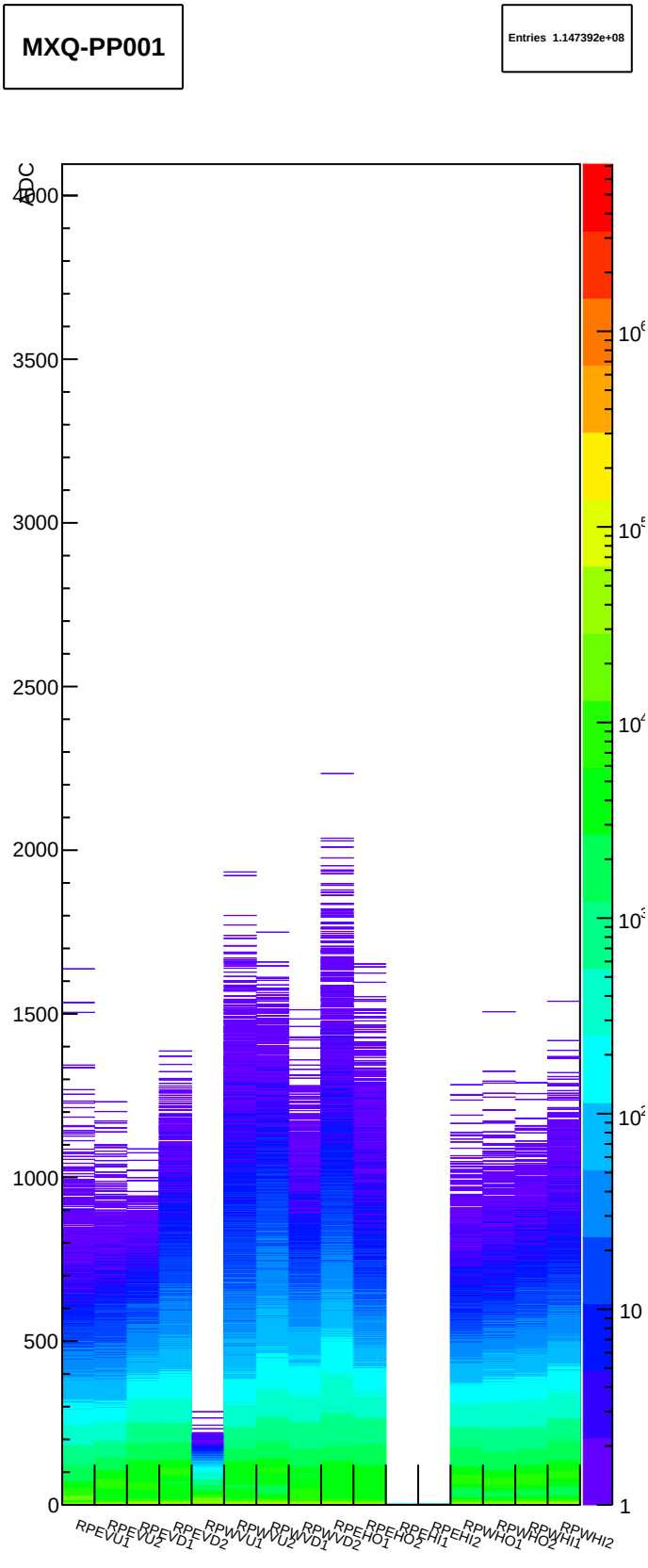

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.43424e+07
TAC sum
1st-Best
2nd-Best
ID

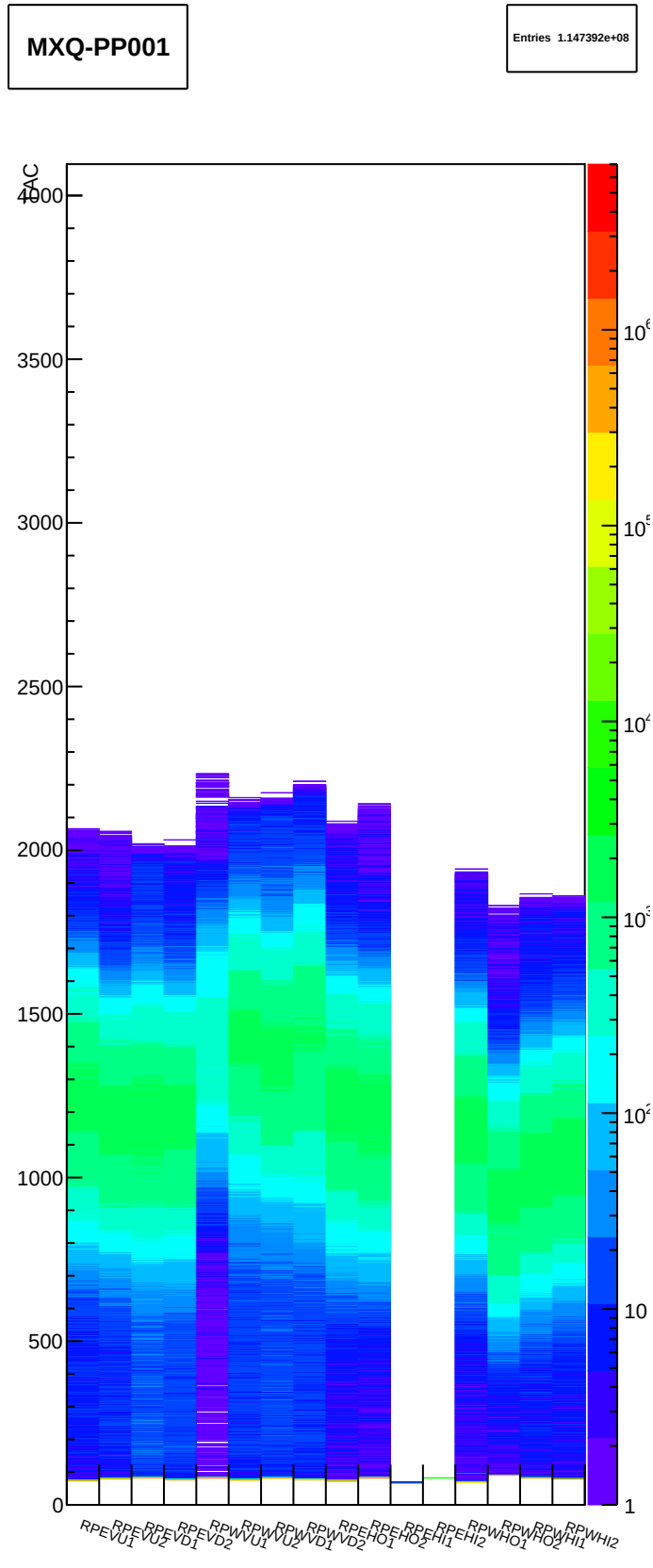

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.43424e+07
TAC sum
1st-Best
2nd-Best
ID

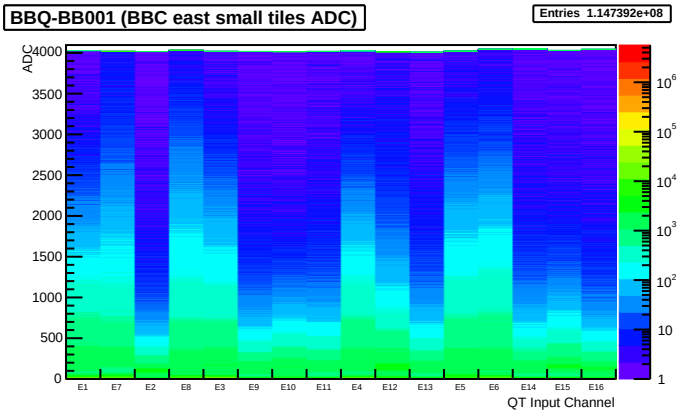

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.43424e+07
TAC sum
1st-Best
2nd-Best
ID

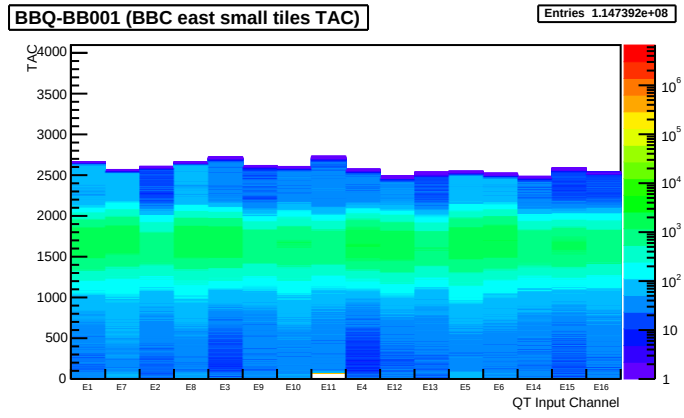

MIX-MT101 Input: VP003 Max TAC
Entries 7171199

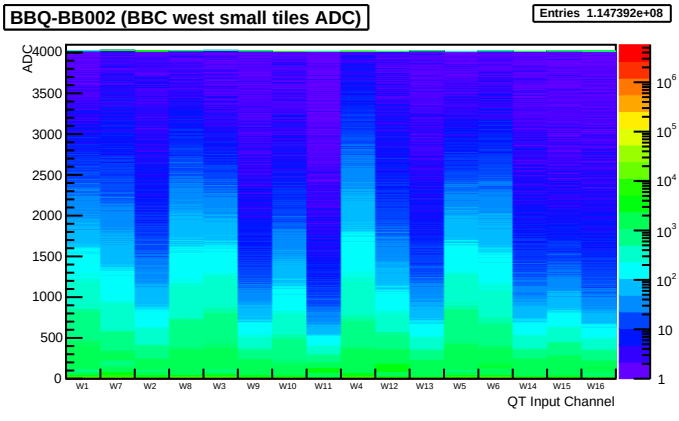

MIX-MT101 Input: VP004 Max TAC
Entries 7171199

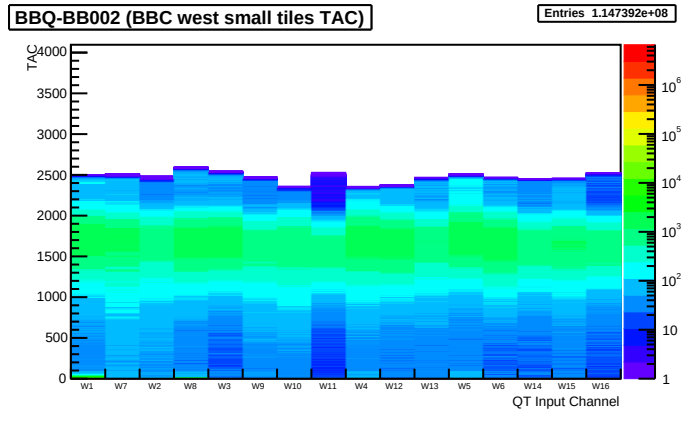

MXQ-PP001
Entries 1.147392e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

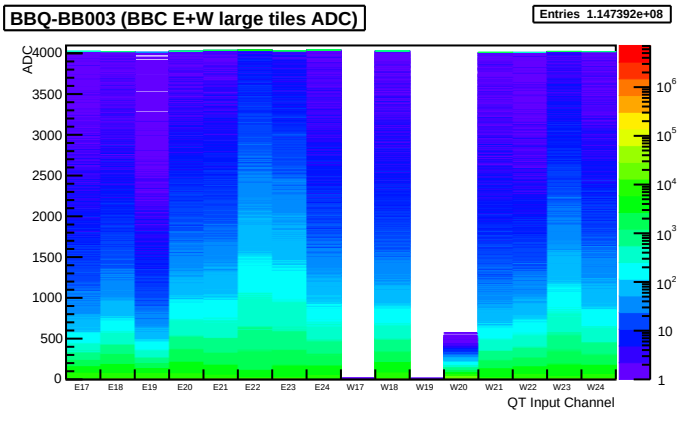

MXQ-PP001
Entries 1.147392e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

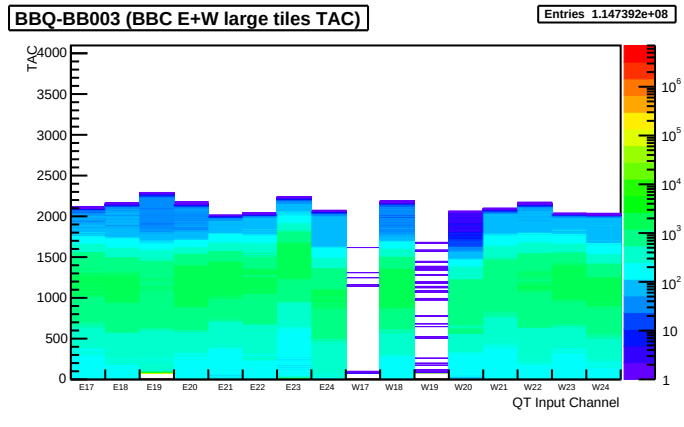

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.147392e+08
ADC
QT Input Channel

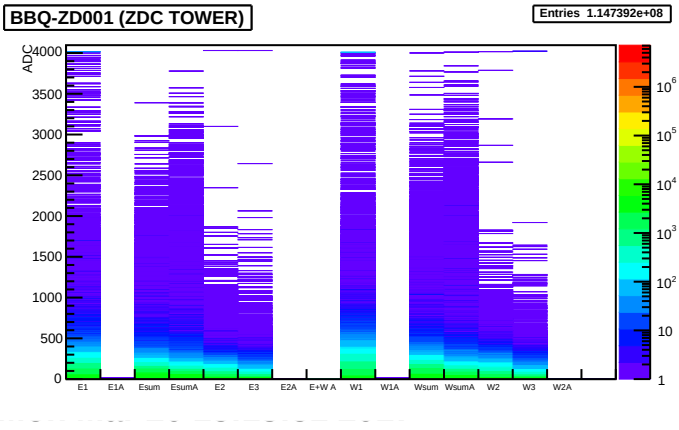

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.147392e+08
TAC
QT Input Channel

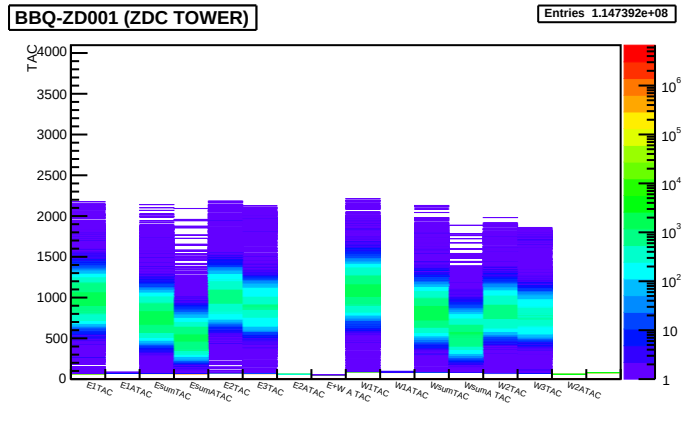

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.147392e+08
ADC
QT Input Channel

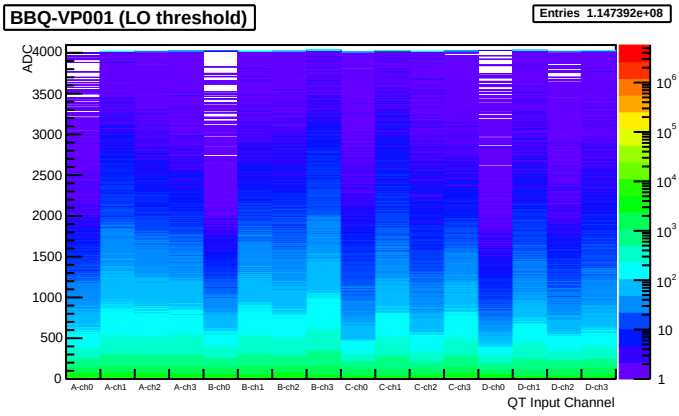

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.147392e+08
TAC
QT Input Channel

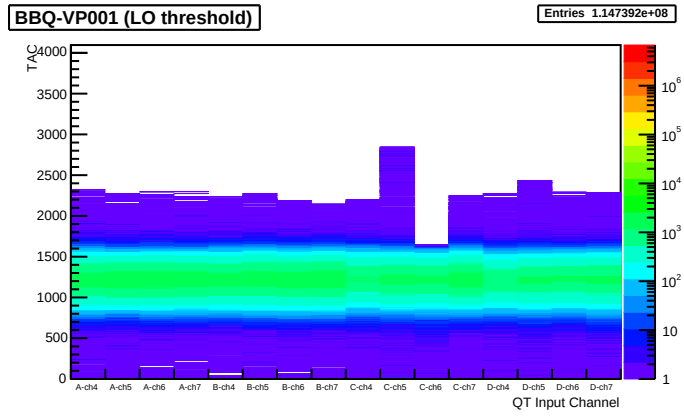

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.147392e+08
ADC
QT Input Channel

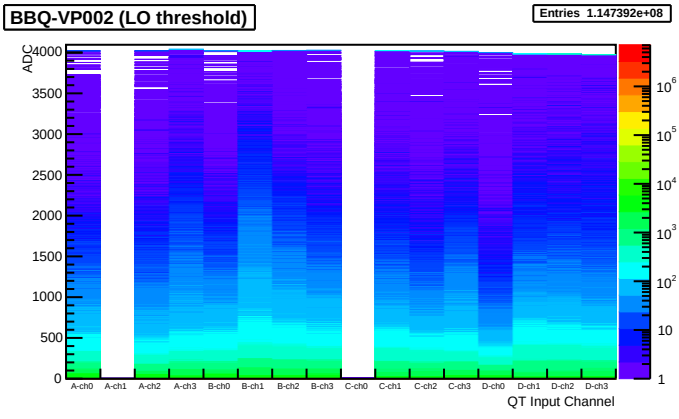

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.147392e+08
TAC
QT Input Channel

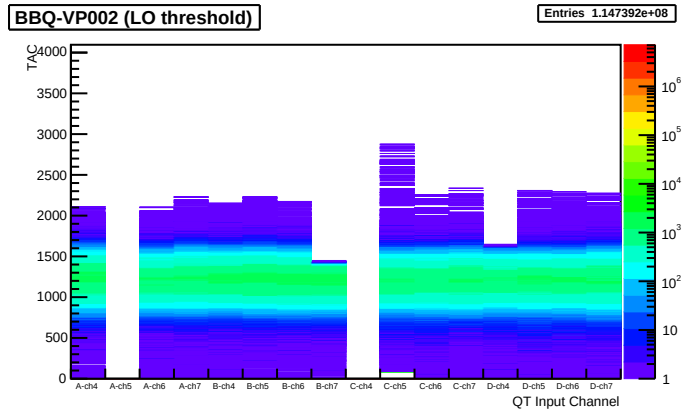

BBQ-ZD001 (ZDC TOWER)
Entries 1.147392e+08
ADC

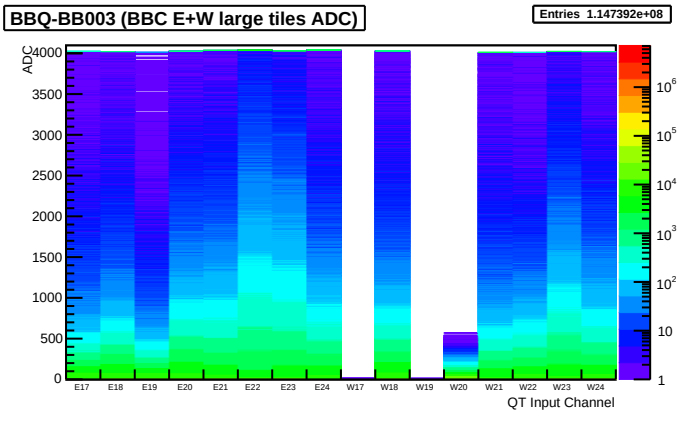

BBQ-ZD001 (ZDC TOWER)
Entries 1.147392e+08
TAC

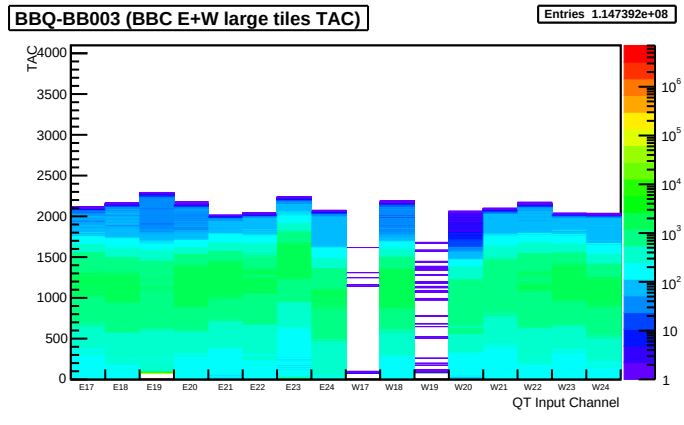

BBQ-VP001 (LO threshold)
Entries 1.147392e+08
ADC
QT Input Channel

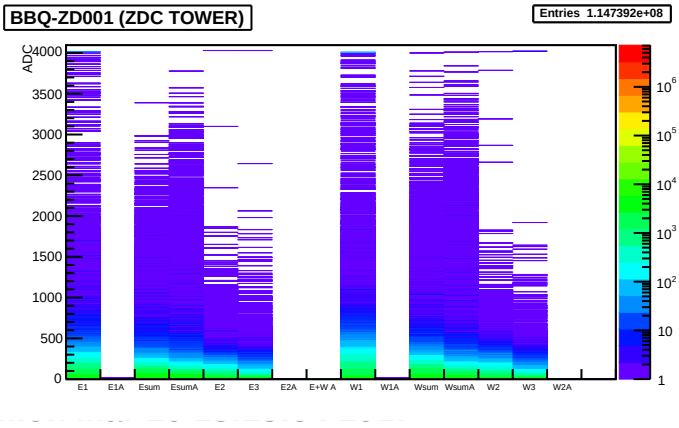

BBQ-VP001 (LO threshold)
Entries 1.147392e+08
TAC
QT Input Channel

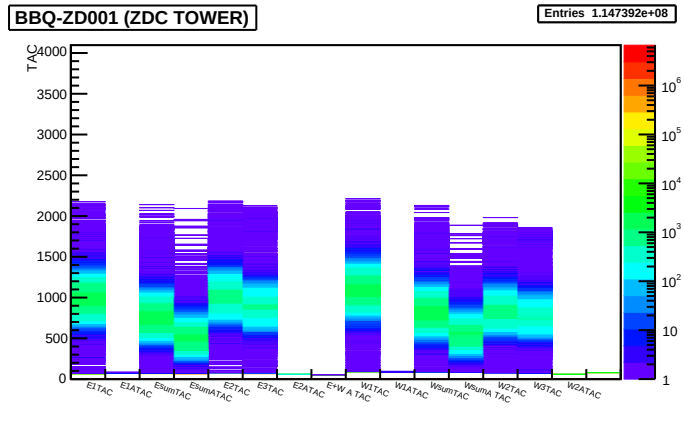

BBQ-VP002 (LO threshold)
Entries 1.147392e+08
ADC
QT Input Channel

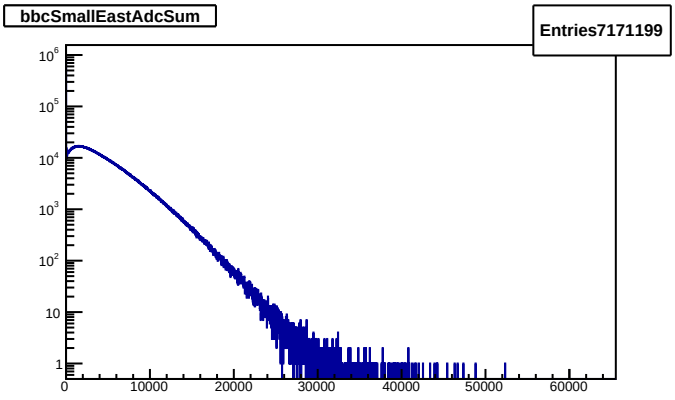

BBQ-VP002 (LO threshold)
Entries 1.147392e+08
TAC
QT Input Channel

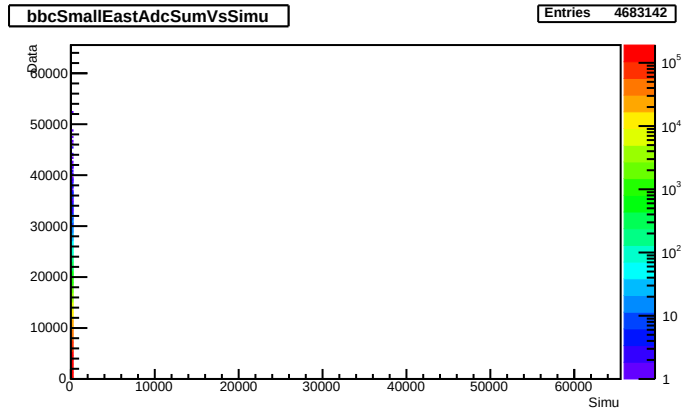

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.147392e+08
ADC
QT Input Channel

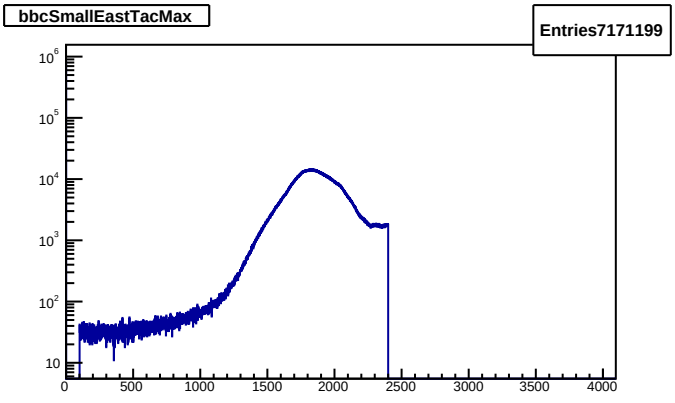

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.147392e+08
TAC
QT Input Channel

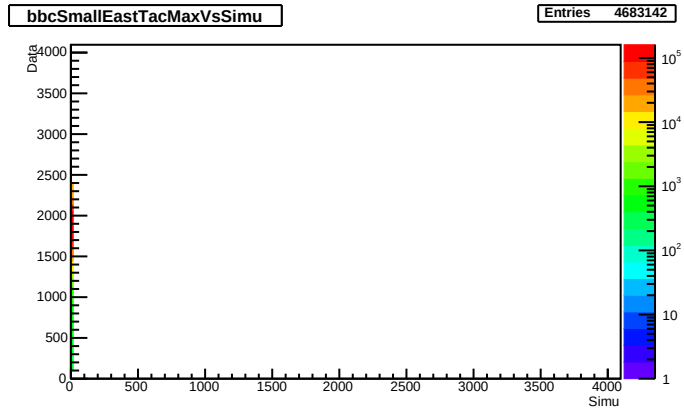

BBQ-ZD001 (ZDC TOWER)
Entries 1.147392e+08
ADC

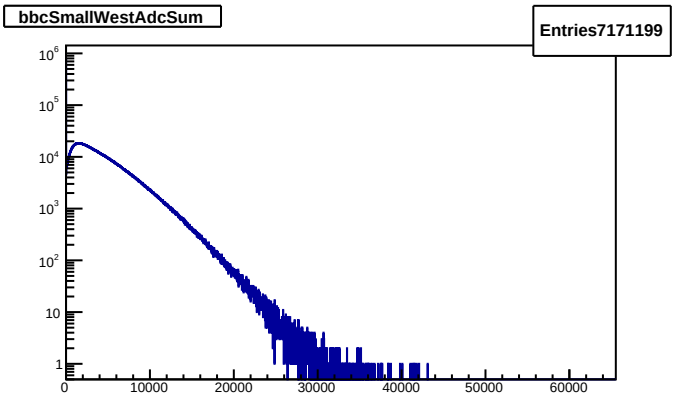

BBQ-ZD001 (ZDC TOWER)
Entries 1.147392e+08
TAC

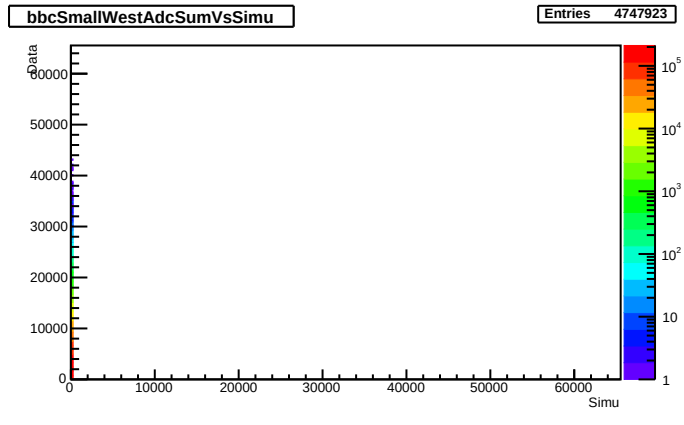

bbcSmallEastAdcSum
Entries7171199

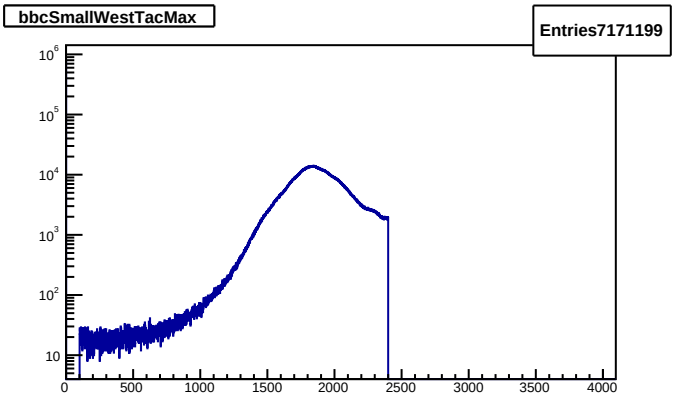

bbcSmallEastAdcSumVsSimu
Entries 4683142
Data
Simu

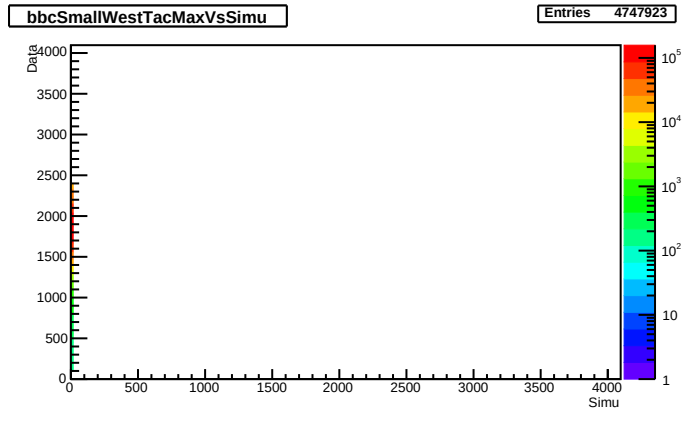

bbcSmallEastTacMax
Entries7171199

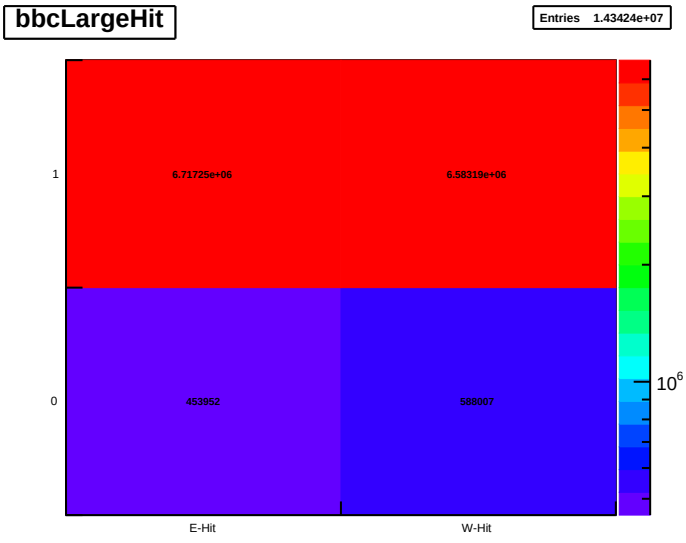

bbcSmallEastTacMaxVsSimu
Entries 4683142
Data
Simu

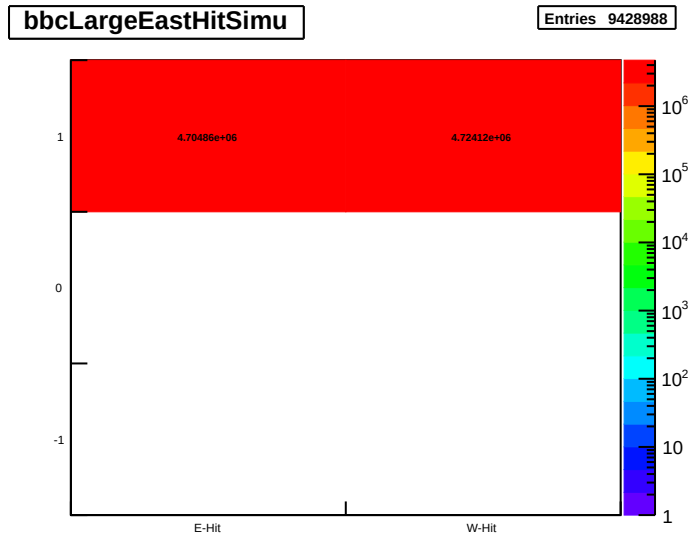

bbcSmallWestAdcSum
Entries7171199

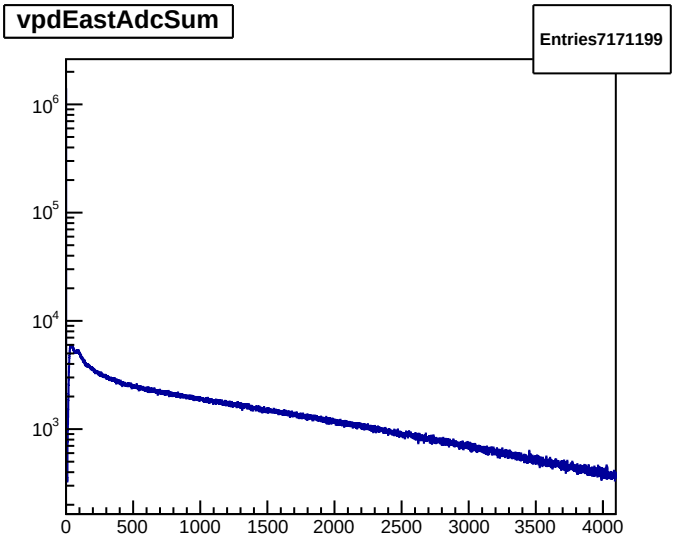

bbcSmallWestAdcSumVsSimu
Entries 4747923
Data
Simu

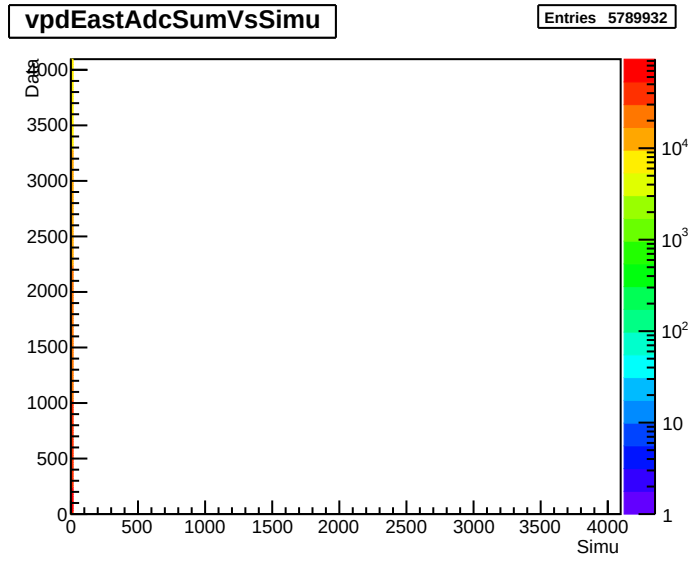

bbcSmallWestTacMax
Entries7171199

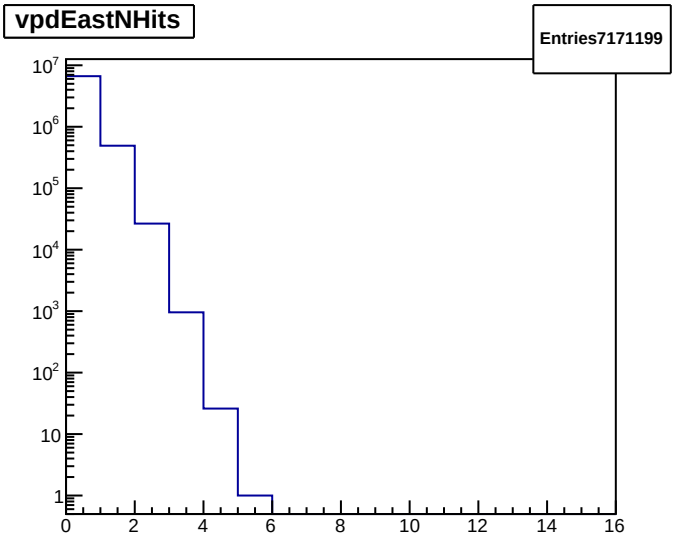

bbcSmallWestTacMaxVsSimu
Entries 4747923
Data
Simu

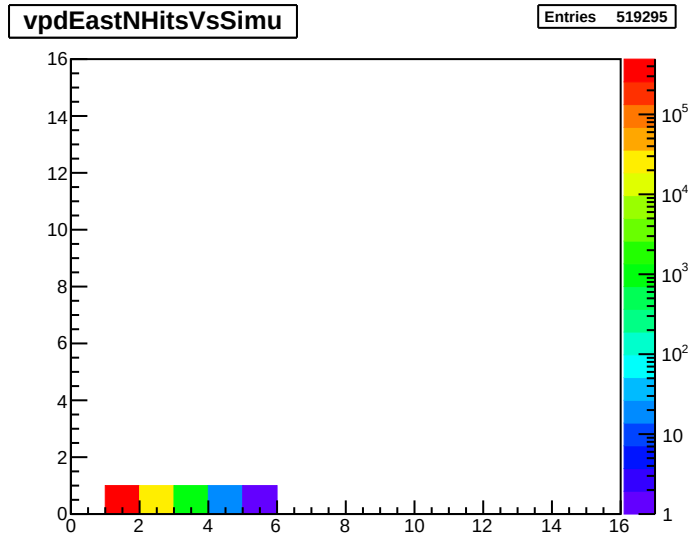

bbcLargeHit
Entries 1.43424e+07
1
0
6.71725e+06
6.58319e+06
453952
588007
E-Hit
W-Hit
10^6

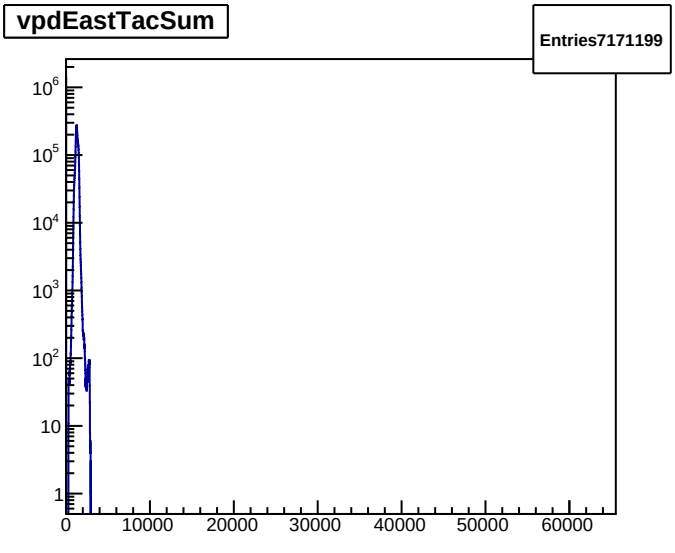

bbcLargeEastHitSimu
Entries 9428988
1
0
-1
4.70486e+06
4.72412e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

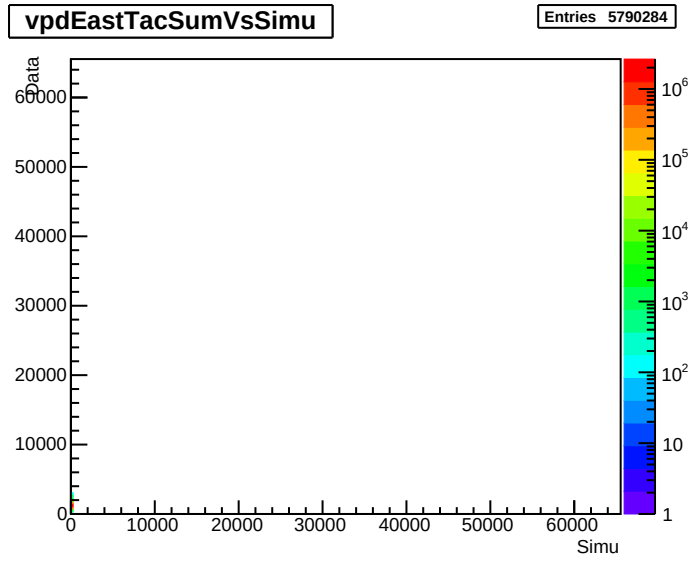

vpdEastAdcSum
Entries7171199

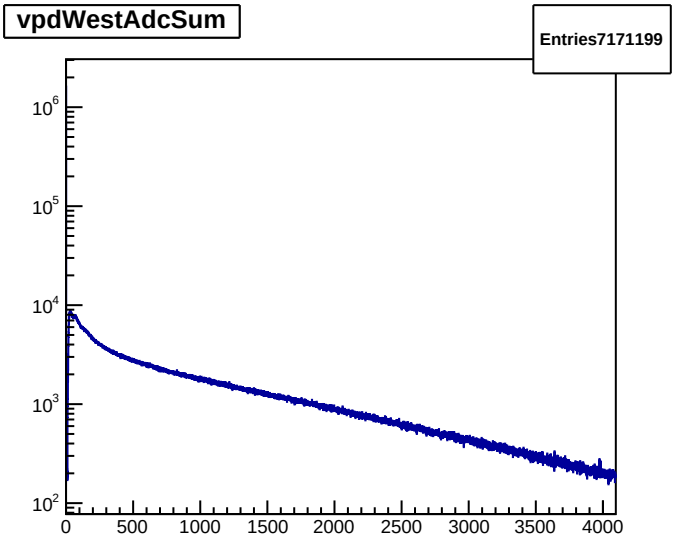

vpdEastAdcSumVsSimu
Entries 5789932
Data
Simu

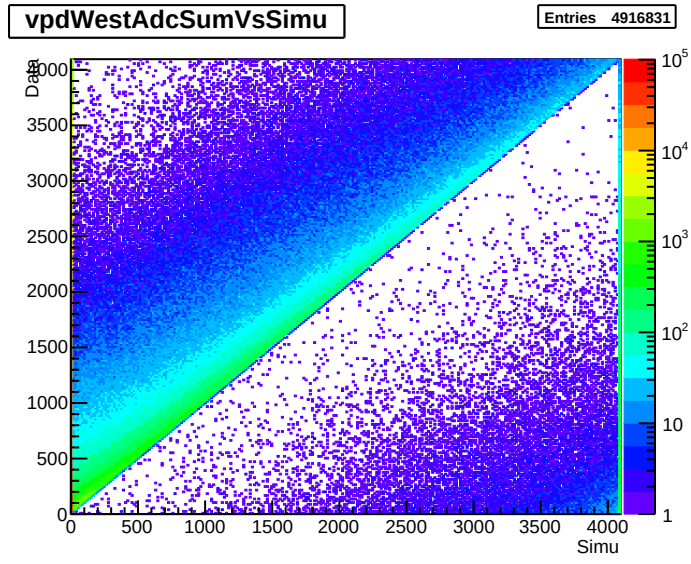

vpdEastNHits
Entries7171199

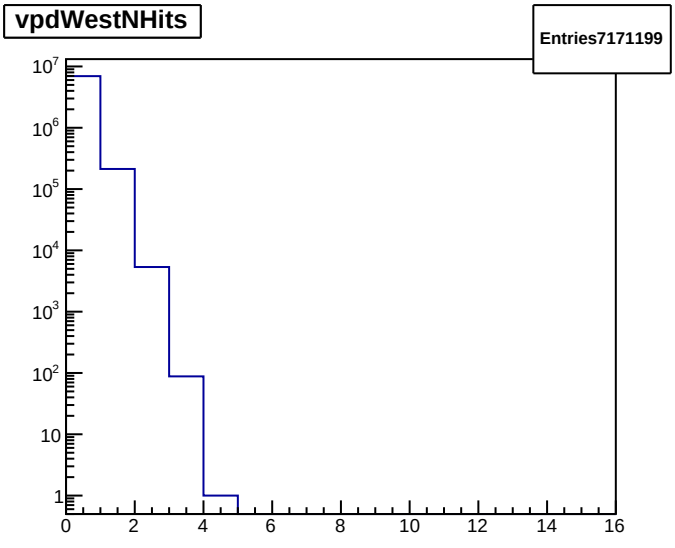

vpdEastNHitsVsSimu
Entries 519295

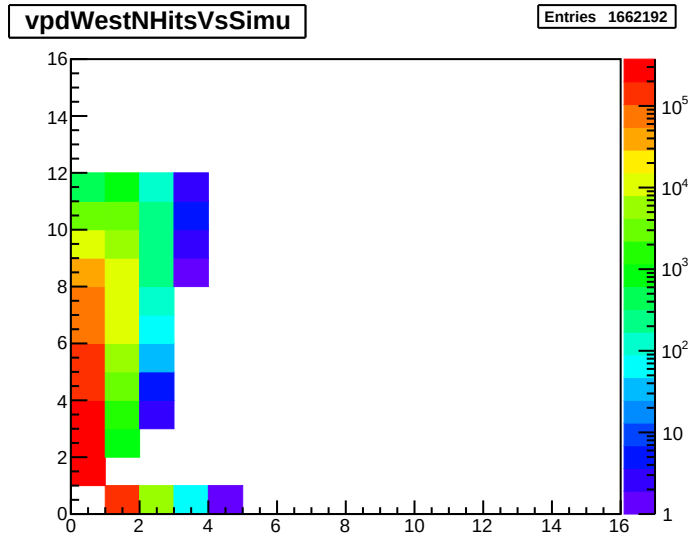

vpdEastTacSum
Entries7171199

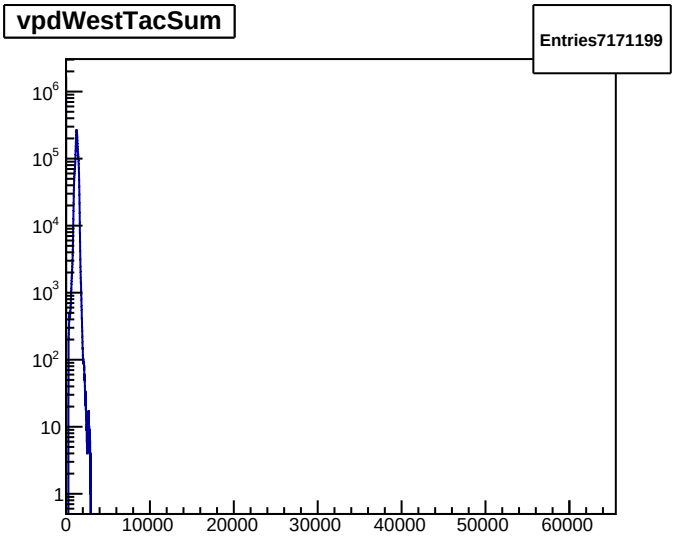

vpdEastTacSumVsSimu
Entries 5790284
Data
Simu

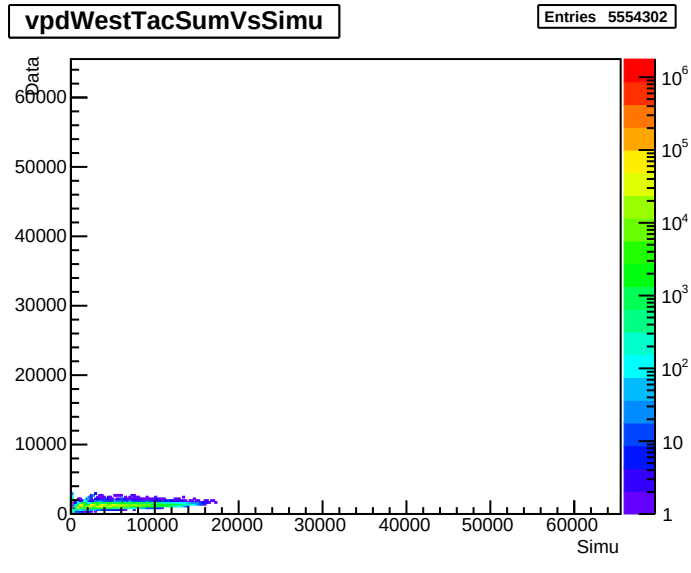

vpdWestAdcSum
Entries7171199

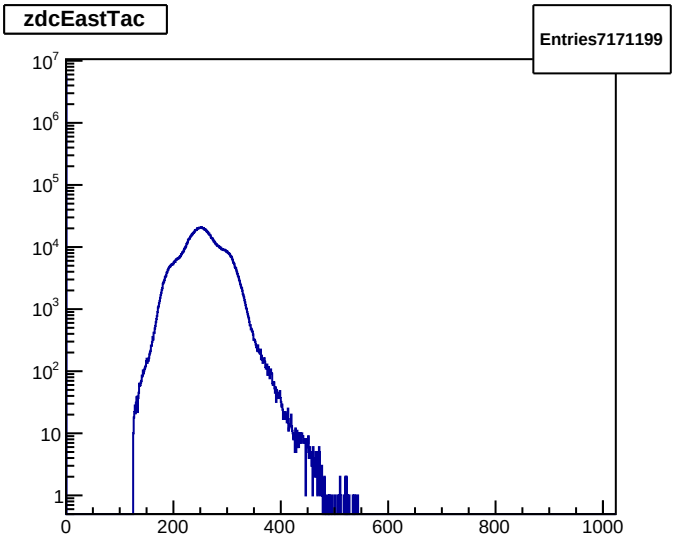

vpdWestAdcSumVsSimu
Entries 4916831
Data
Simu

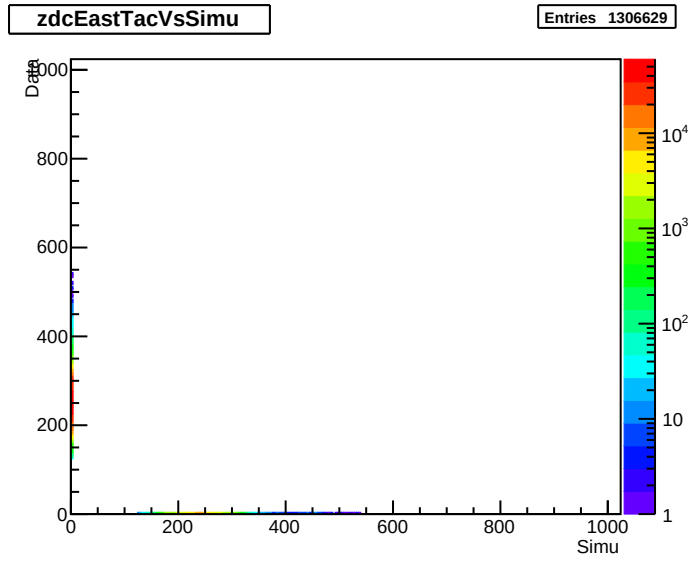

vpdWestNHits
Entries7171199

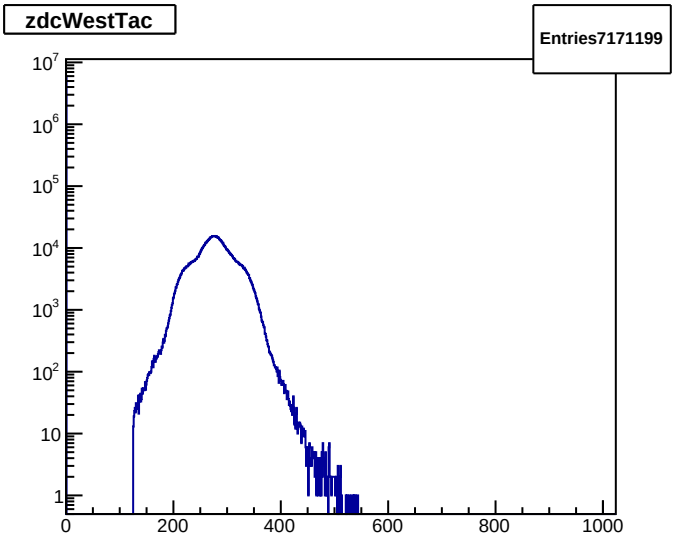

vpdWestNHitsVsSimu
Entries 1662192

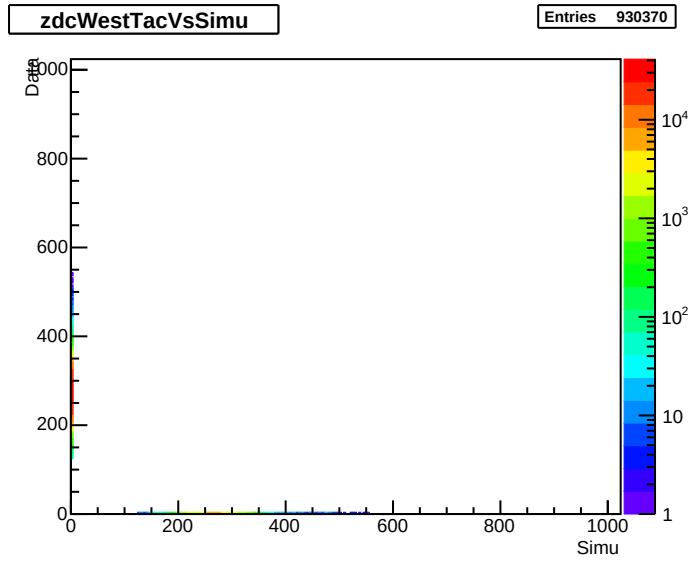

vpdWestTacSum
Entries7171199

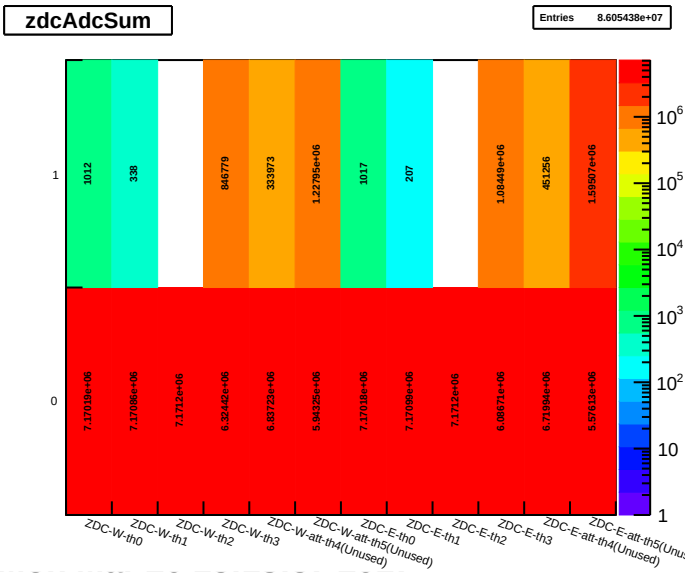

vpdWestTacSumVsSimu
Entries 5554302
Data
Simu

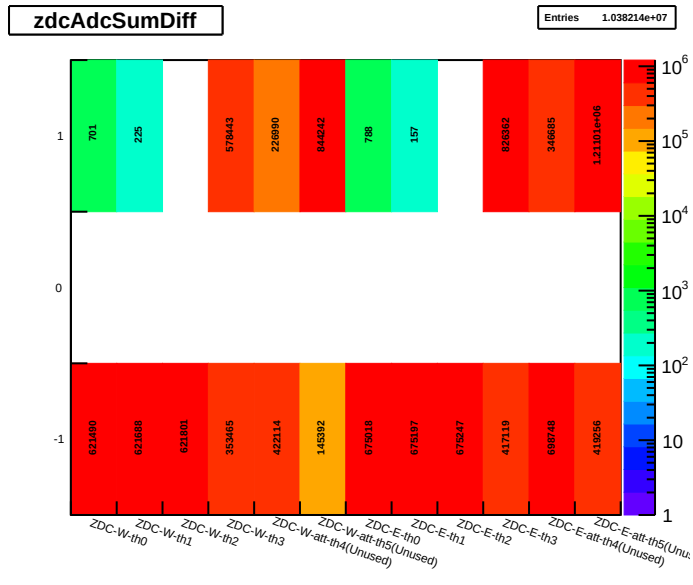

zdcEastTac
Entries7171199

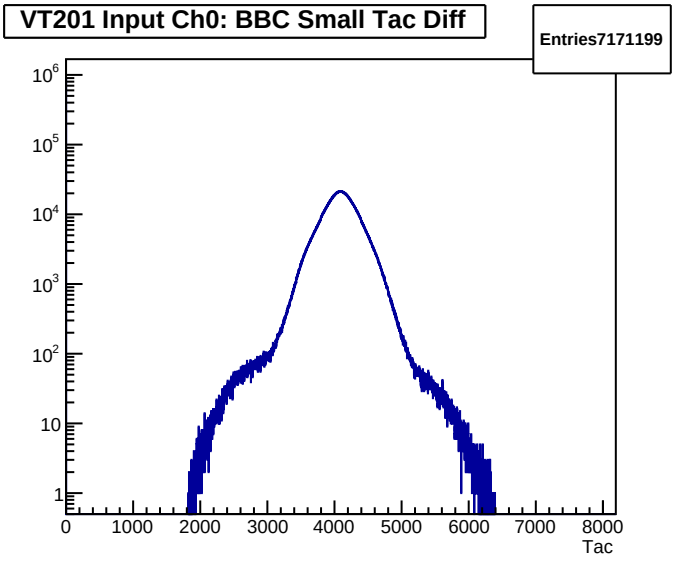

zdcEastTacVsSimu
Entries 1306629
Data
Simu

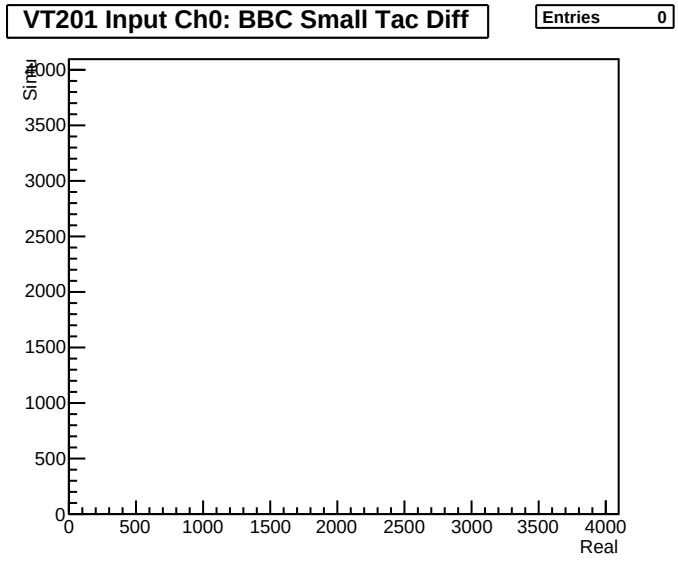

zdcWestTac
Entries7171199

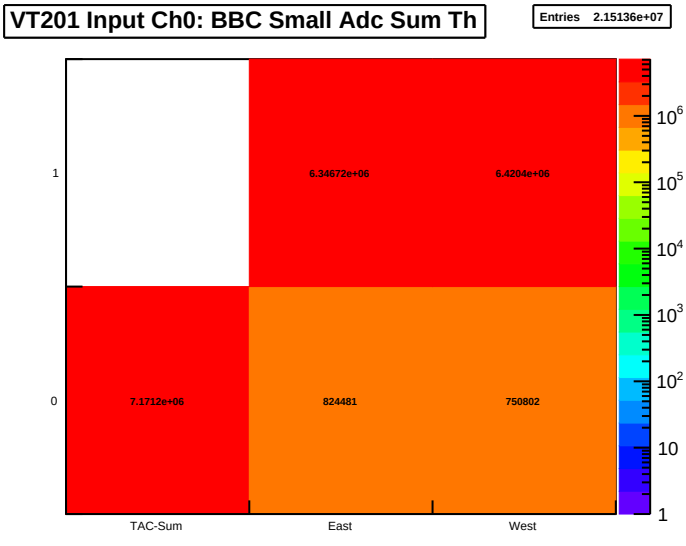

zdcWestTacVsSimu
Entries 930370
Data
Simu

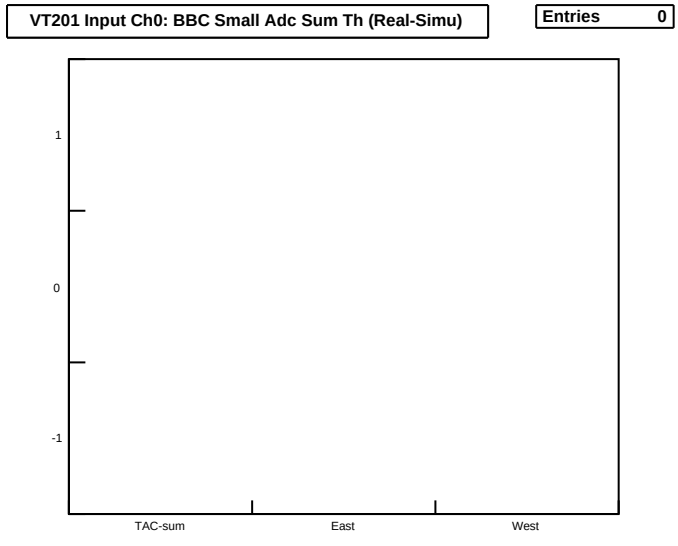

zdcAdcSum
Entries 8.605438e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

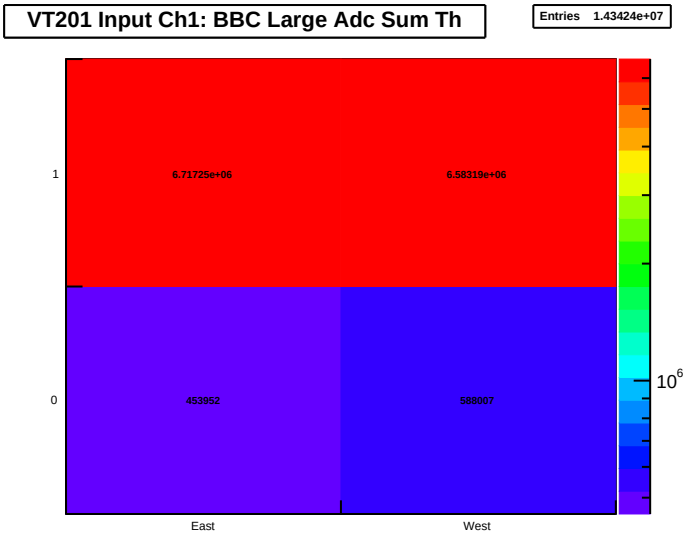

zdcAdcSumDiff
Entries 1.038214e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

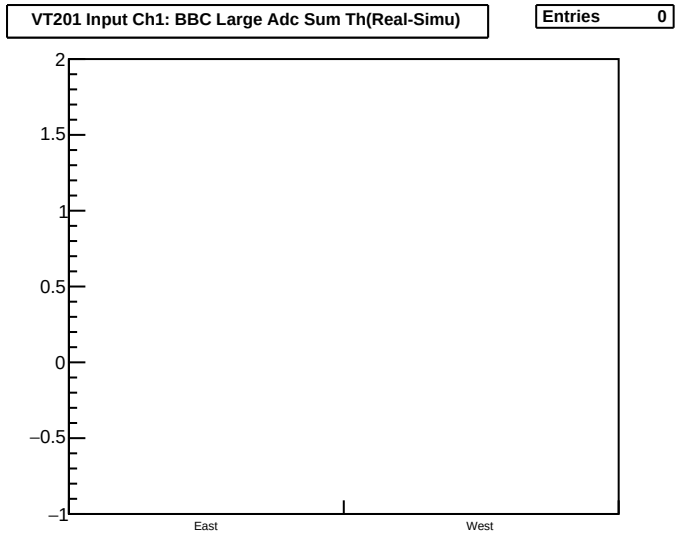

VT201 Input Ch0: BBC Small Tac Diff
Entries7171199
Tac


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

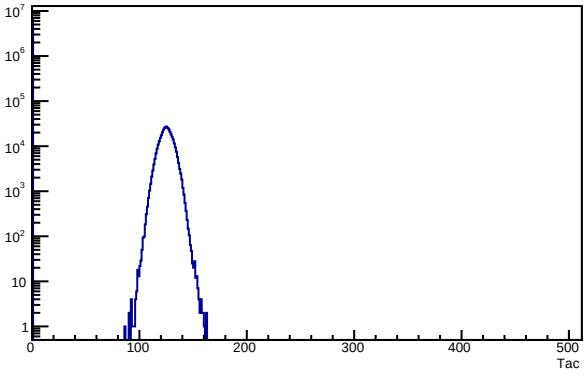

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.15136e+07
6.34672e+06
6.4204e+06
7.1712e+06
824481
750802
TAC-Sum
East
West


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

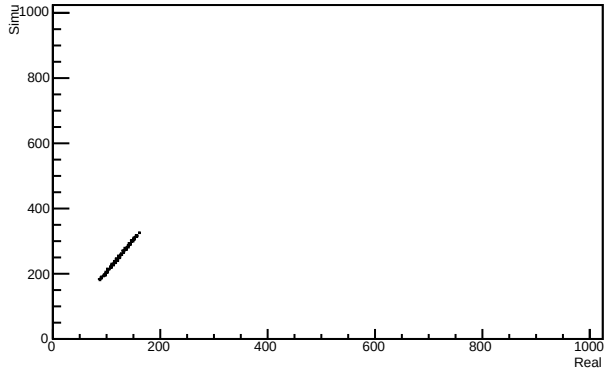

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.43424e+07
6.71725e+06
6.58319e+06
453952
588007
East
West


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

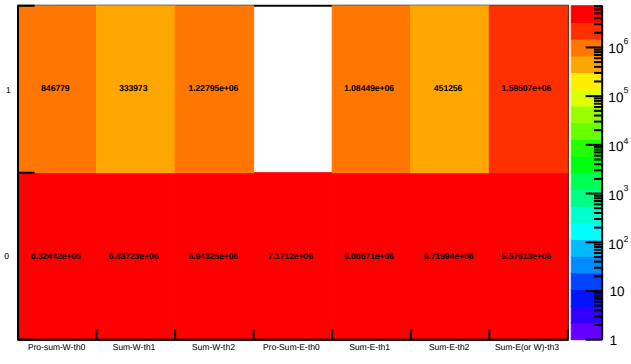
VT201 Input Ch2: ZDC Tac Diff



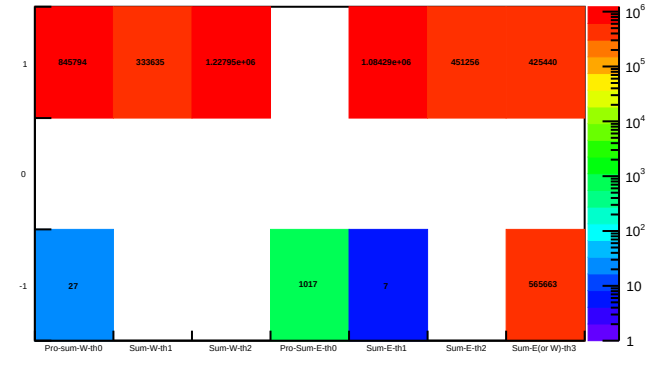
VT201 Input Ch2: ZDC Tac Diff



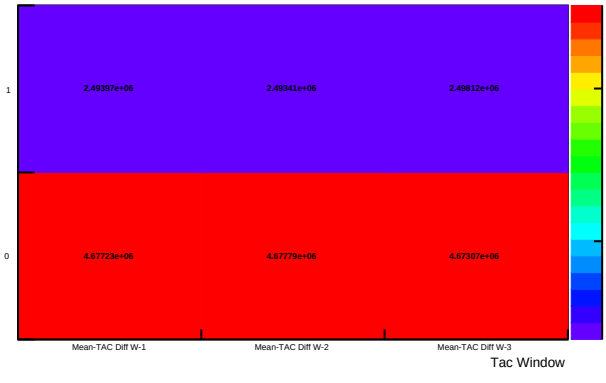
VT201 Input Ch2: ZDC Adc Sum Th



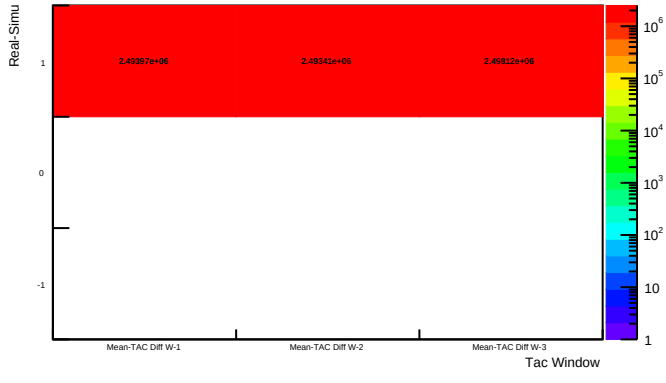
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



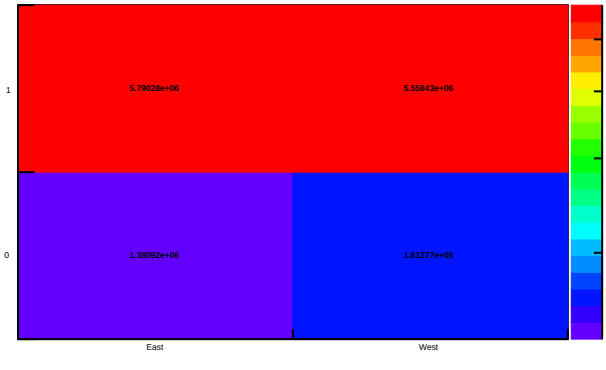
VT201 Input Ch4: VPD Tac Diff



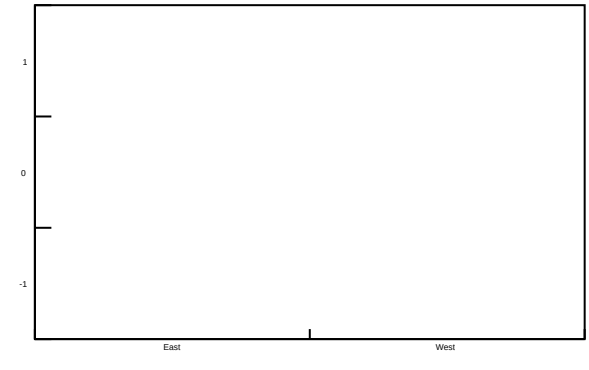
VT201 Input Ch4: VPD Tac Diff

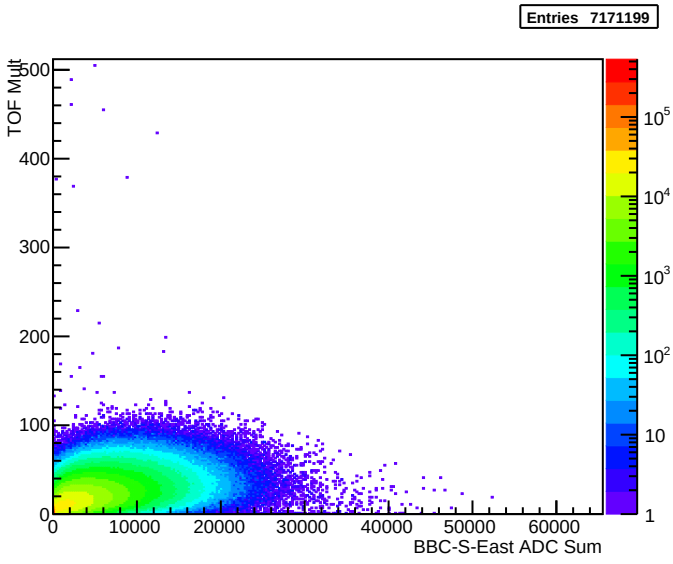


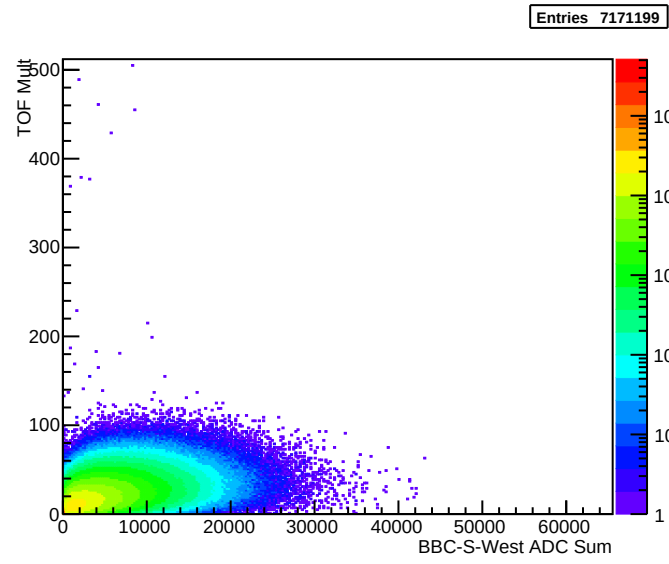
VT201 Input Ch4: VPD Adc Sum Th

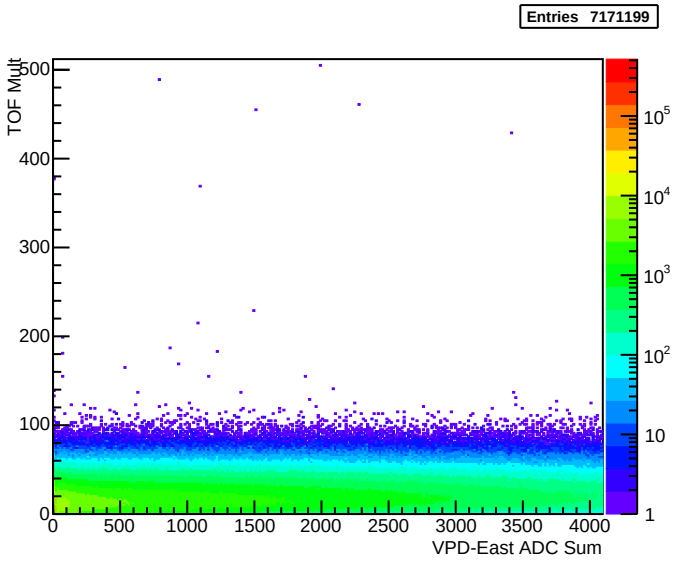


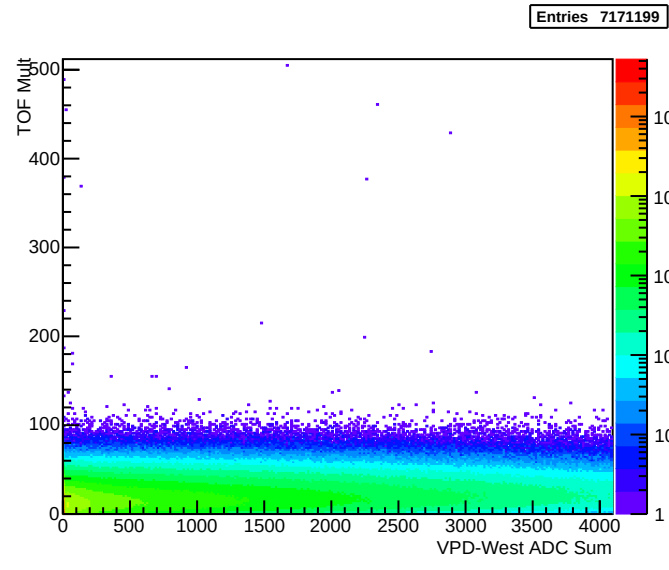
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

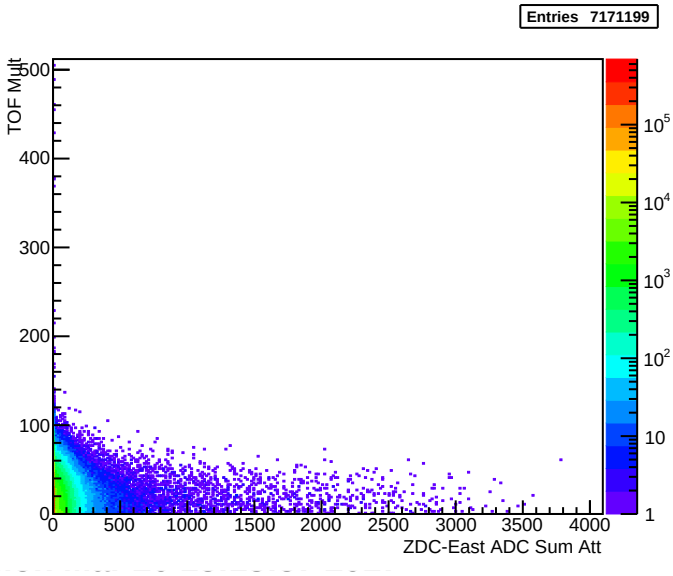


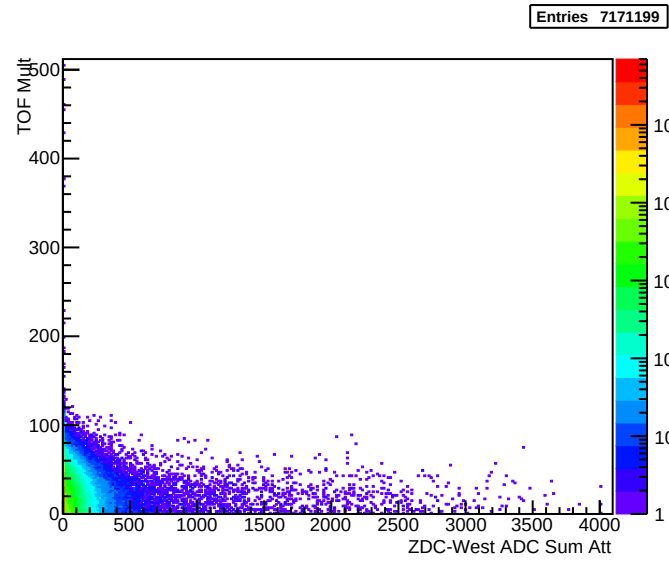

Entries 7171199
TOF Mult
BBC-S-East ADC Sum

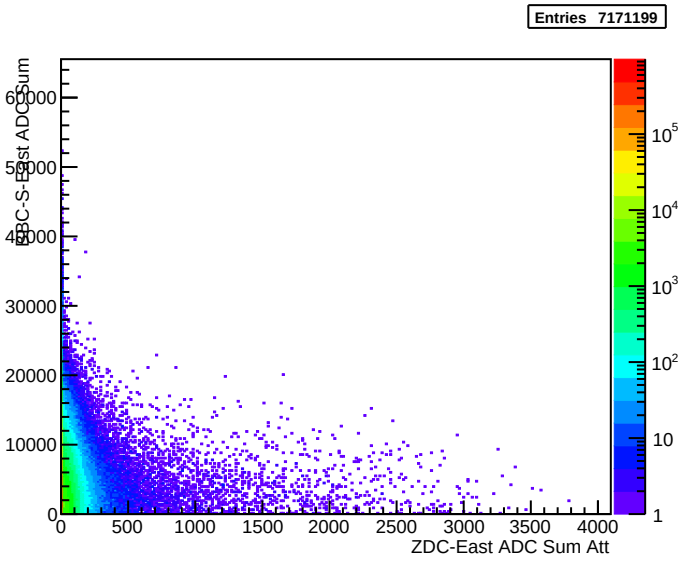

Entries 7171199
TOF Mult
BBC-S-West ADC Sum

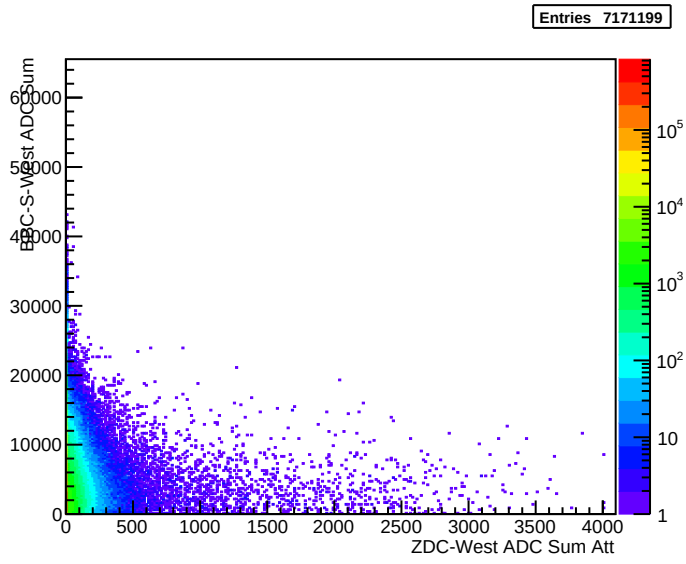

Entries 7171199
TOF Mult
VPD-East ADC Sum

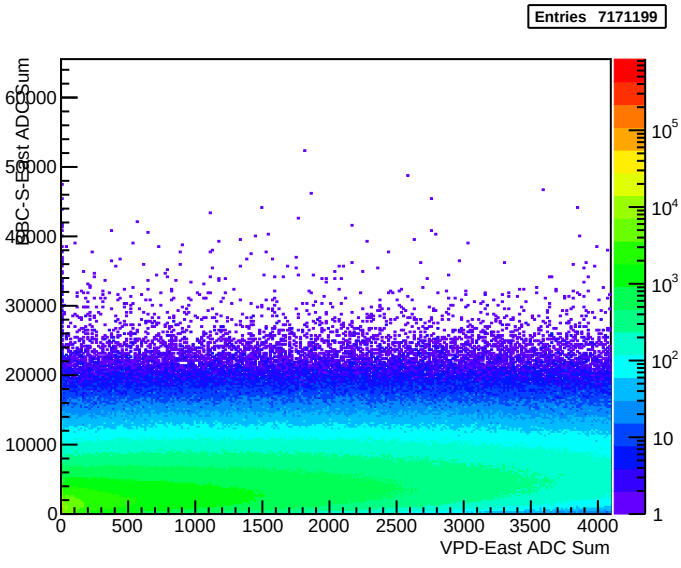

Entries 7171199
TOF Mult
VPD-West ADC Sum

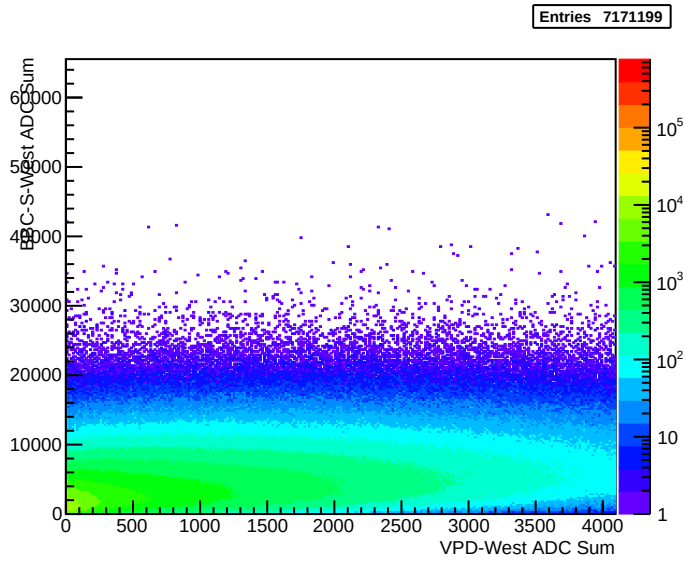

Entries 7171199
TOF Mult
ZDC-East ADC Sum Att

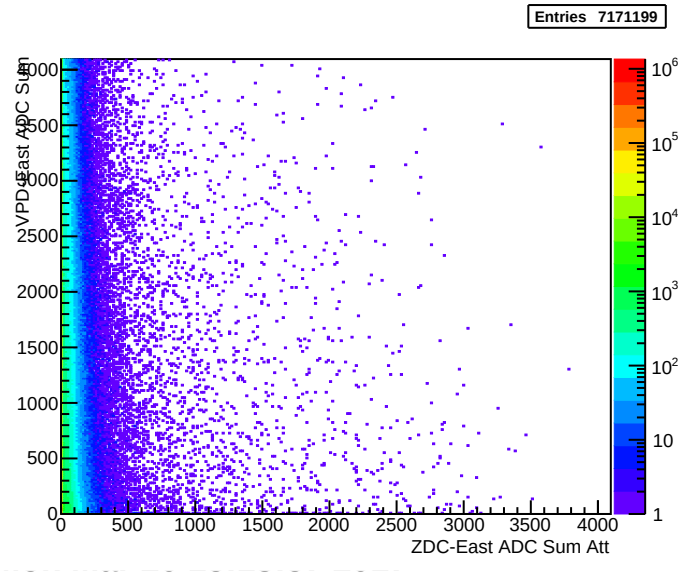

Entries 7171199
TOF Mult
ZDC-West ADC Sum Att

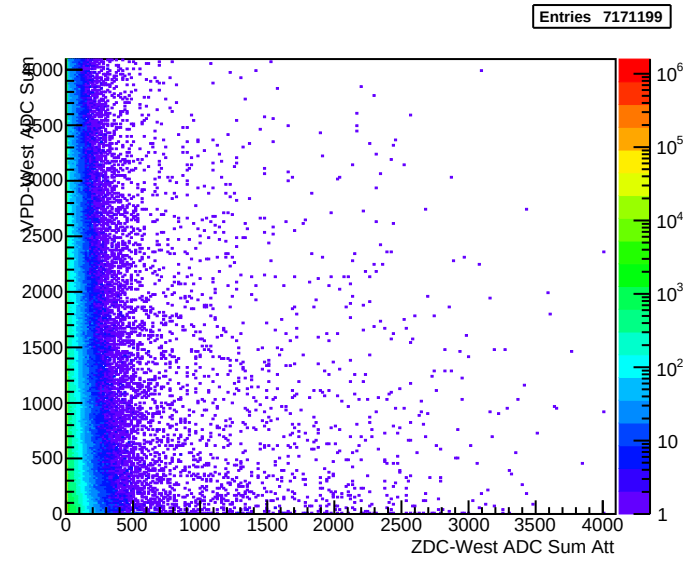

Entries 7171199
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

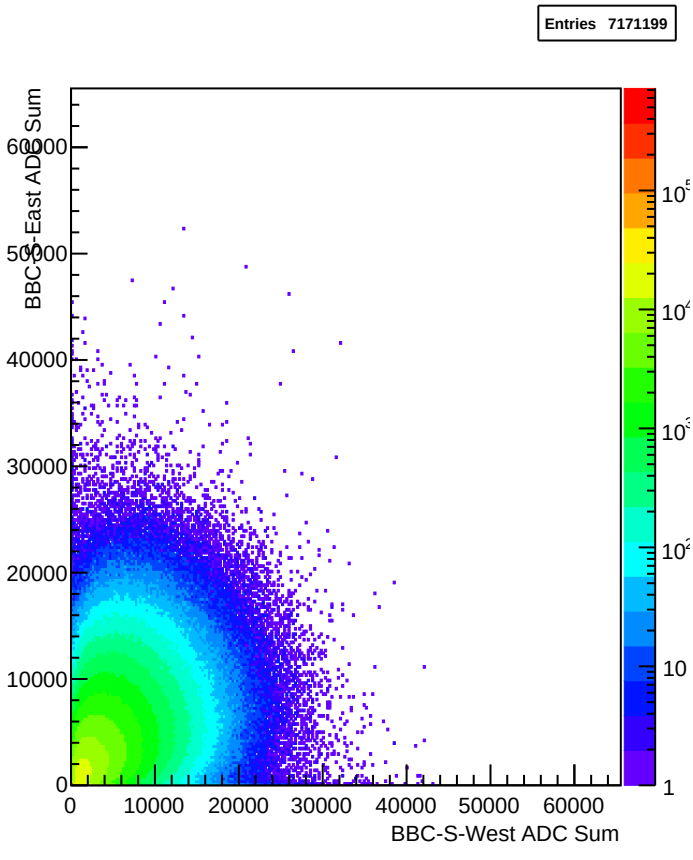

Entries 7171199
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

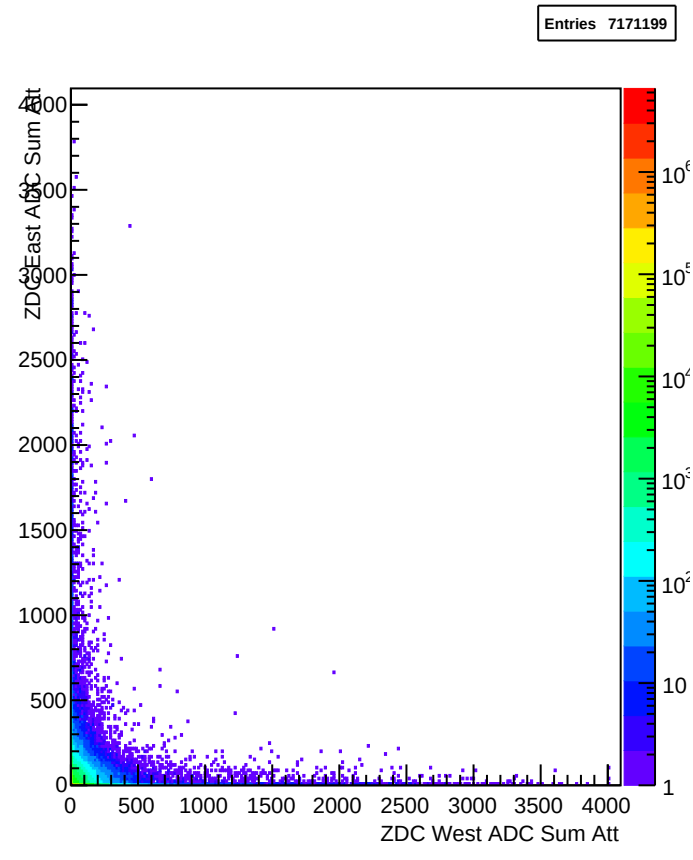

Entries 7171199
BBC-S-East ADC Sum
VPD-East ADC Sum

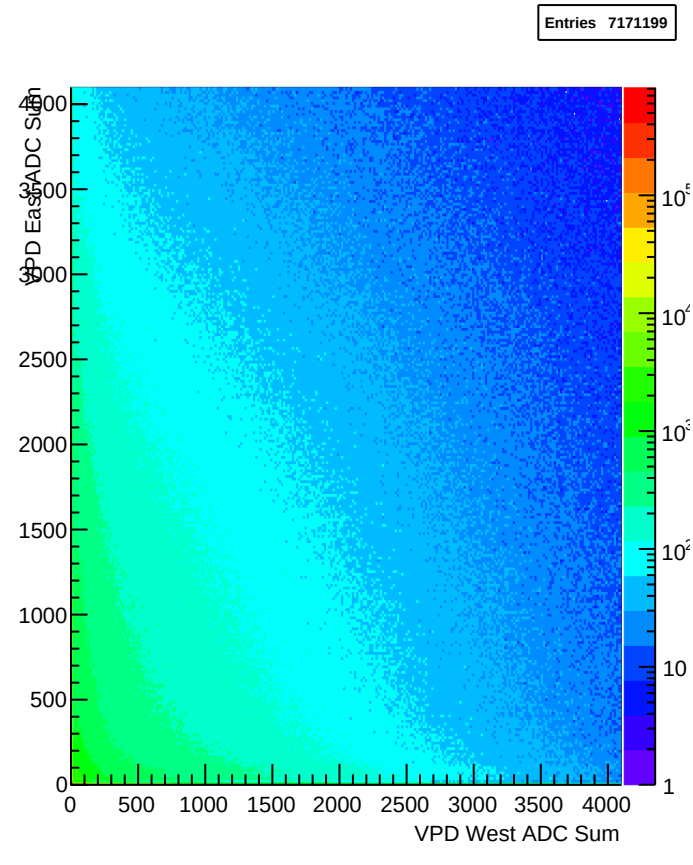

Entries 7171199
BBC-S-West ADC Sum
VPD-West ADC Sum

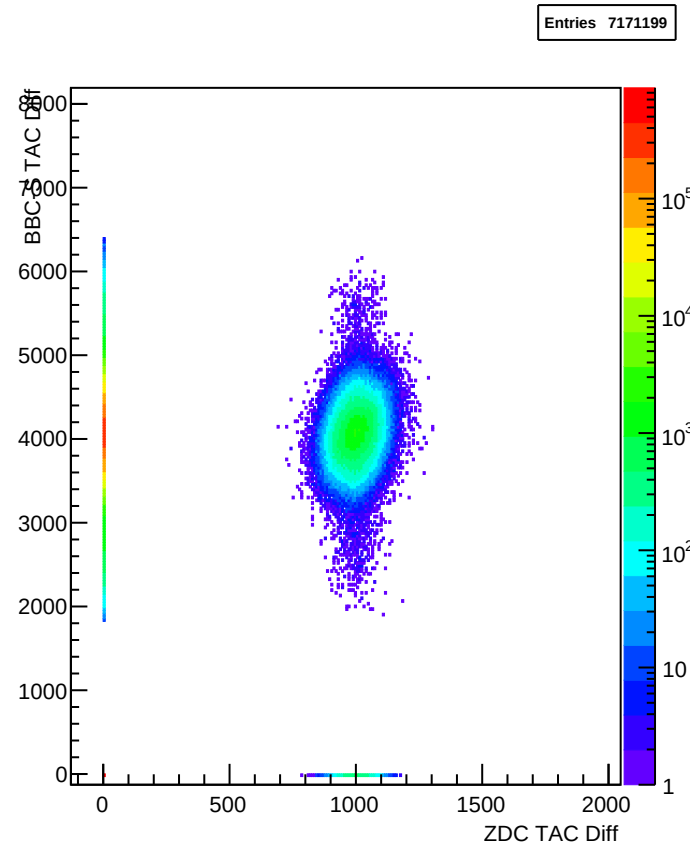

Entries 7171199
VPD-East ADC Sum
ZDC-East ADC Sum Att

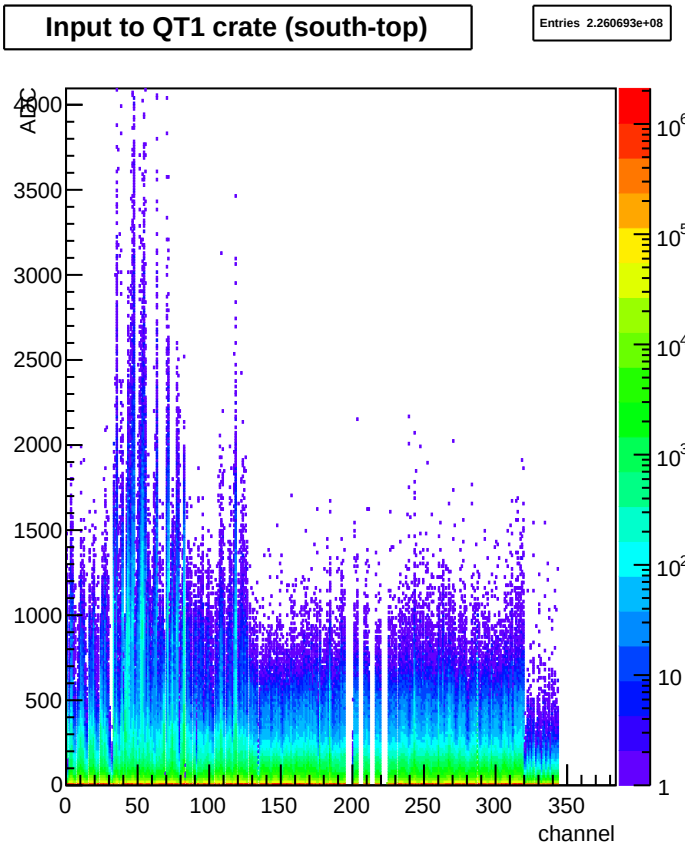

Entries 7171199
VPD-West ADC Sum
ZDC-West ADC Sum Att

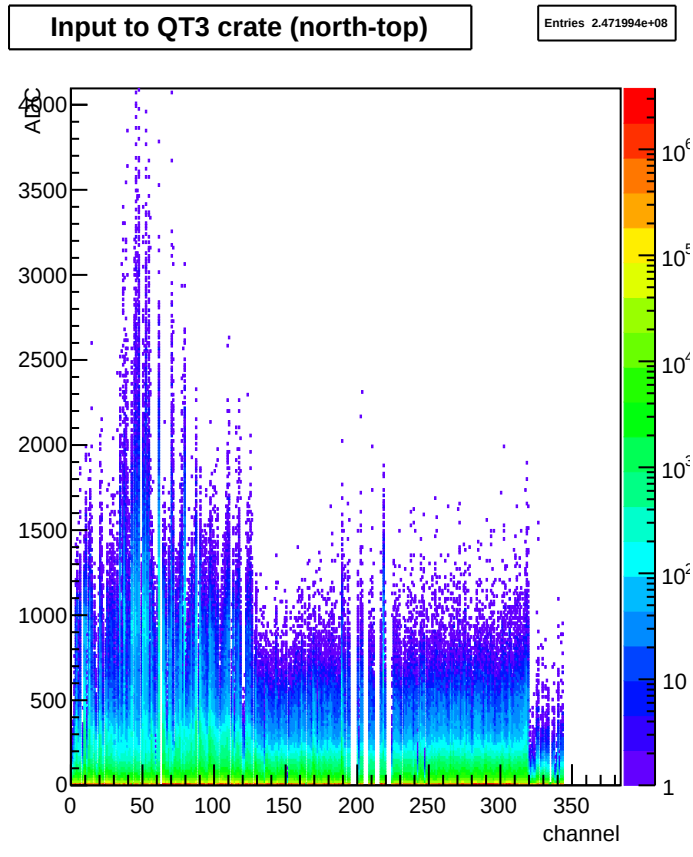

Entries 7171199
BBC-S-East ADC Sum
BBC-S-West ADC Sum

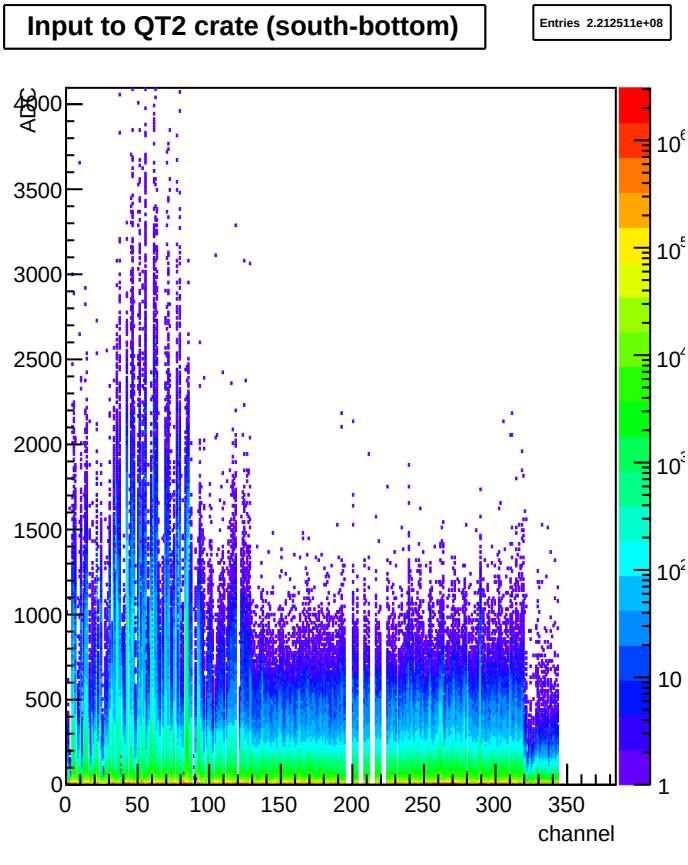

Entries 7171199
ZDC East ADC Sum Att
ZDC West ADC Sum Att

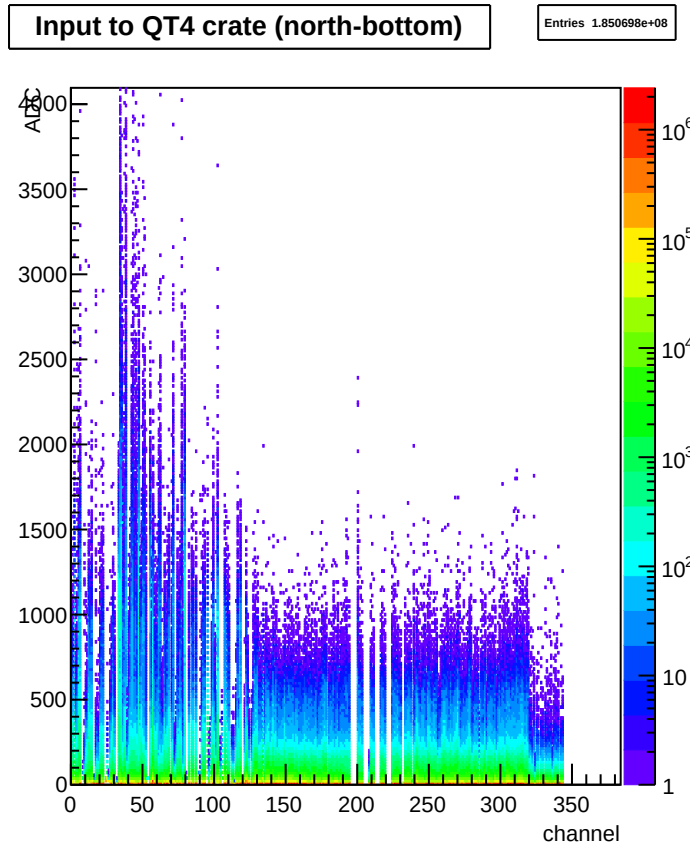

Entries 7171199
VPD East ADC Sum
VPD West ADC Sum

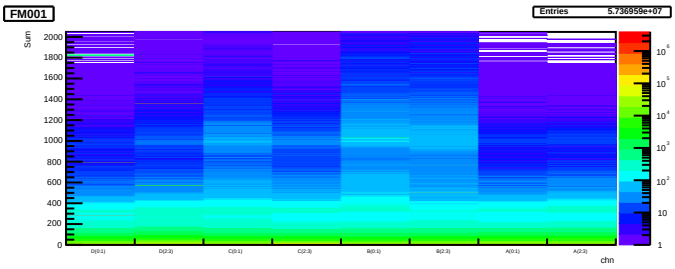

Entries 7171199
BBC-S TAC Diff
ZDC TAC Diff

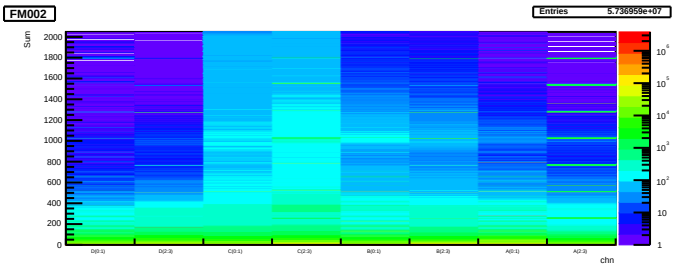

Input to QT1 crate (south-top)
Entries 2.260693e+08
ADC
channel

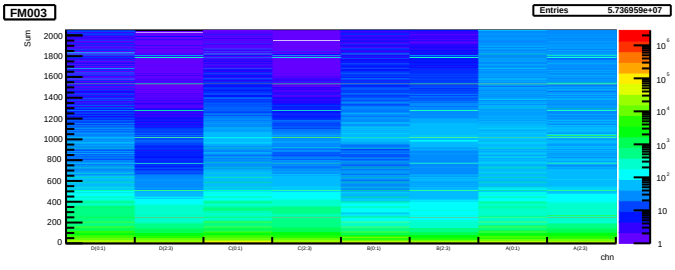

Input to QT3 crate (north-top)
Entries 2.471994e+08
ADC
channel

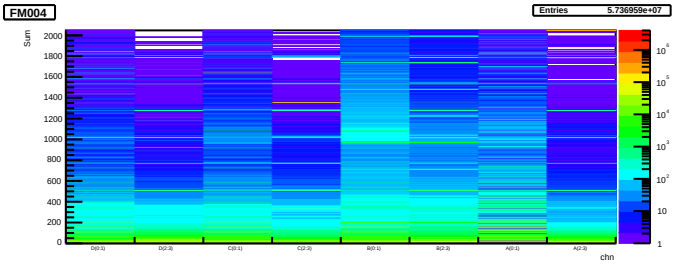

Input to QT2 crate (south-bottom)
Entries 2.212511e+08
ADC
channel

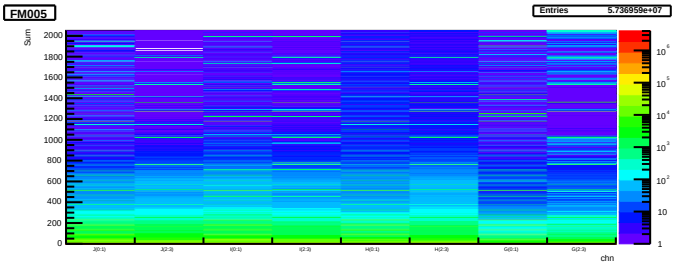

Input to QT4 crate (north-bottom)
Entries 1.850698e+08
ADC
channel

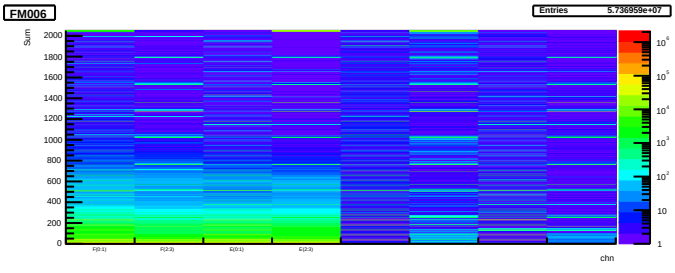

FM001
Entries 5.736959e+07
Sum
chn


FM002
Entries 5.736959e+07
Sum
chn


FM003
Entries 5.736959e+07
Sum
chn


FM004
Entries 5.736959e+07
Sum
chn


FM005
Entries 5.736959e+07
Sum
chn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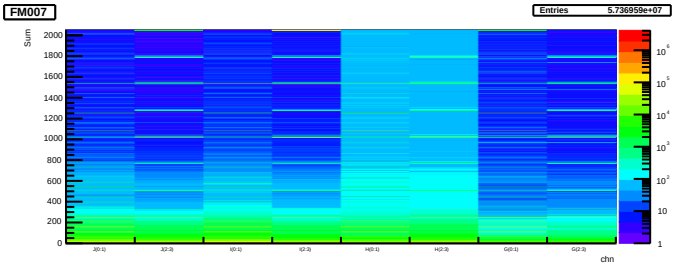
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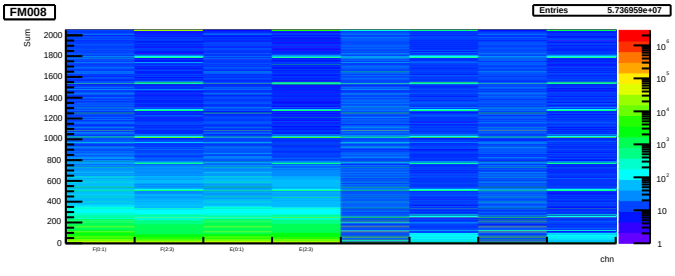
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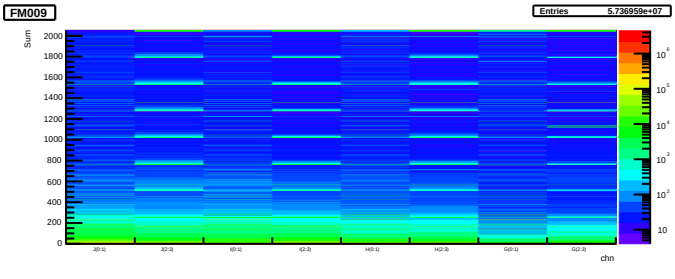
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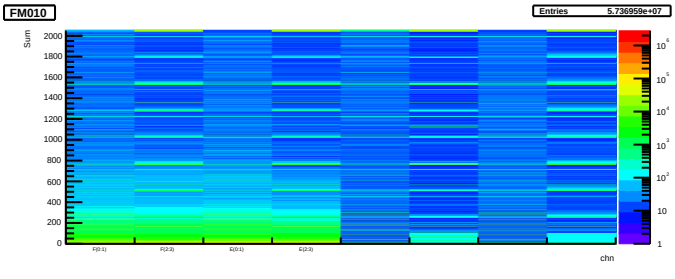
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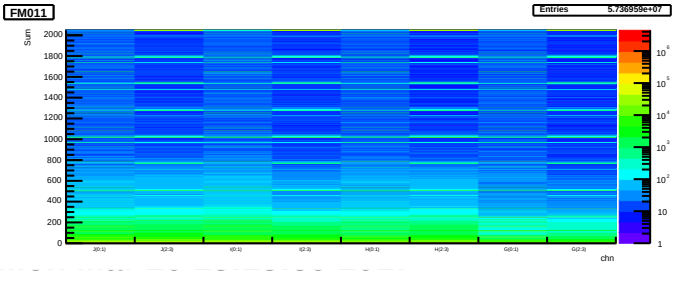
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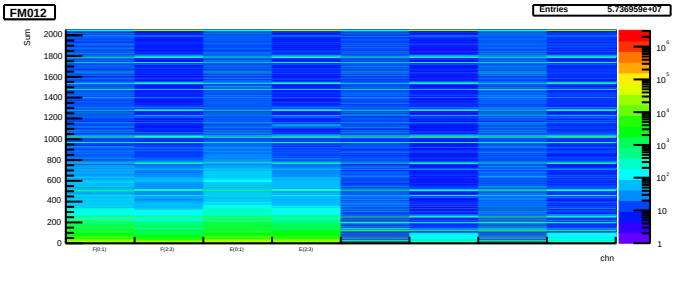
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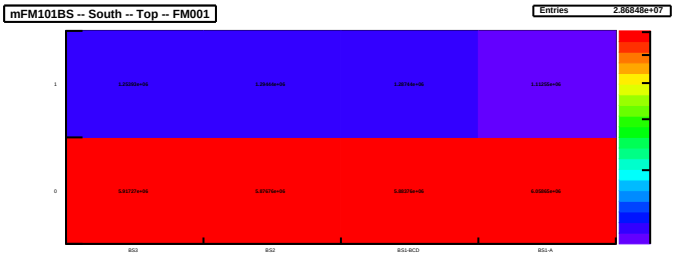
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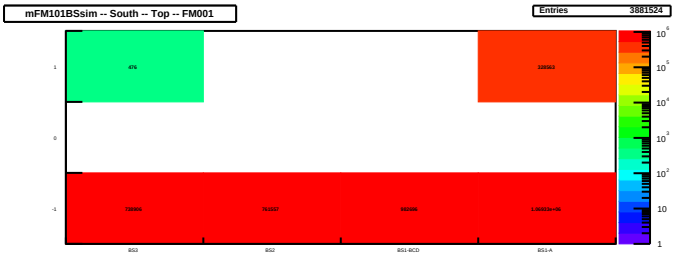
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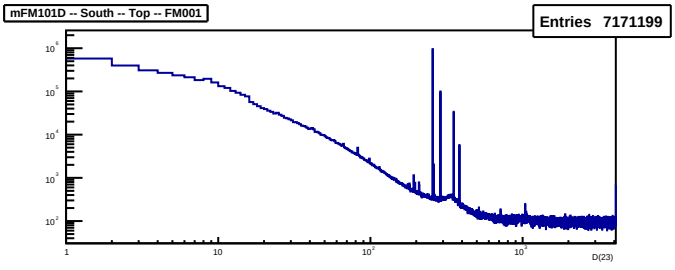
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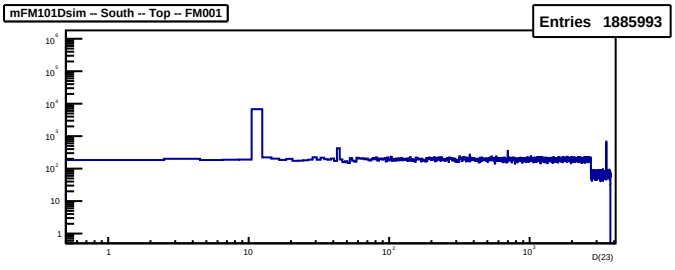
Entries 7171199
D(23)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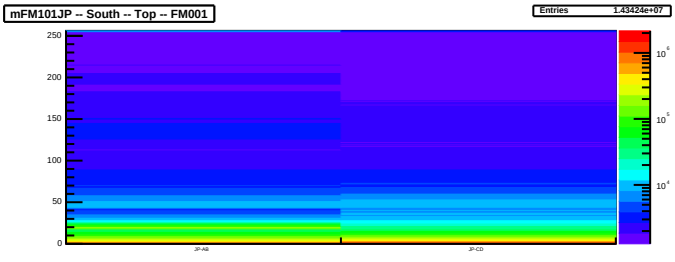
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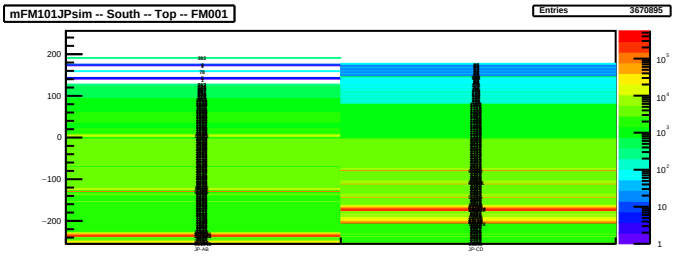
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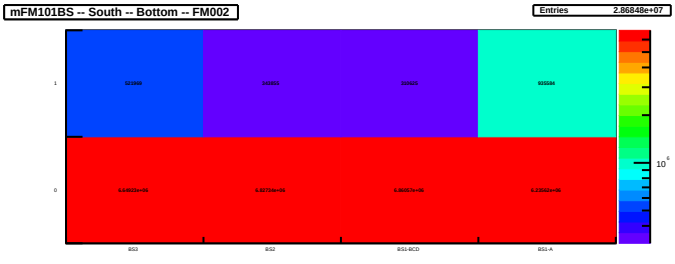
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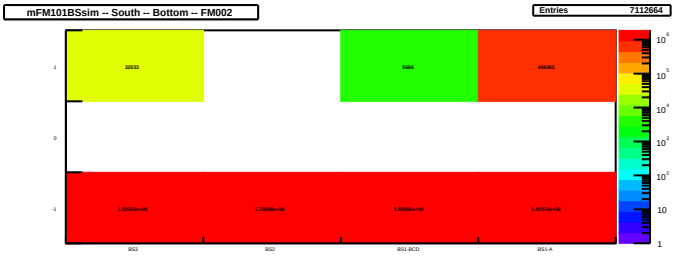
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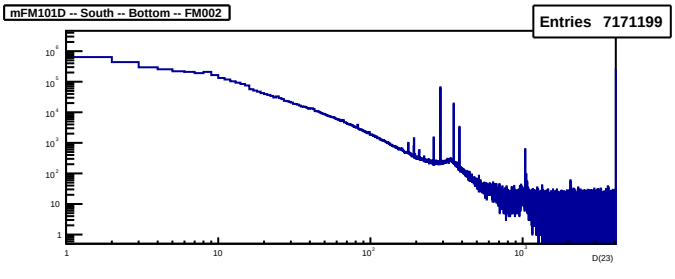
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Entries 7171199
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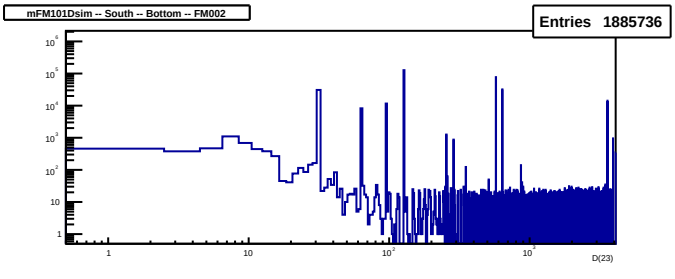
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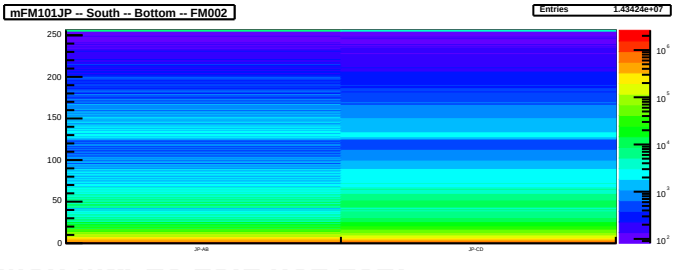
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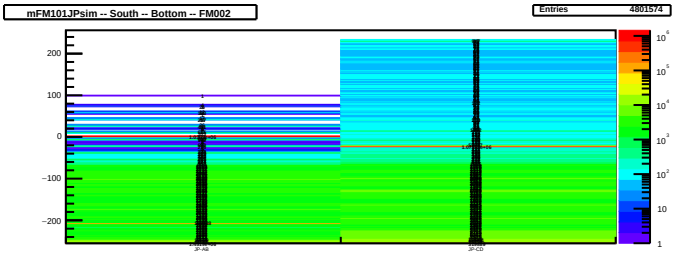
Entries 1.43424e+07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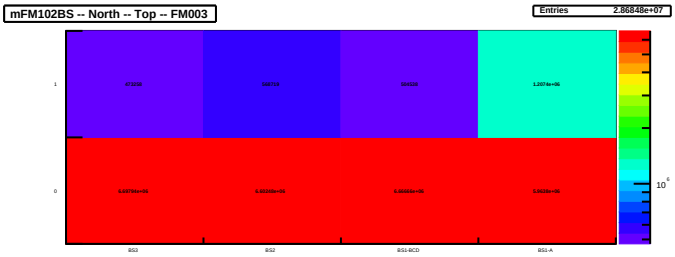
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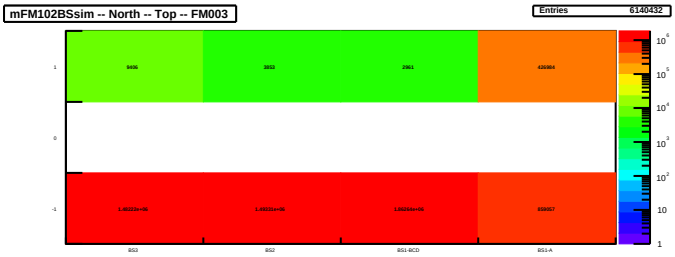
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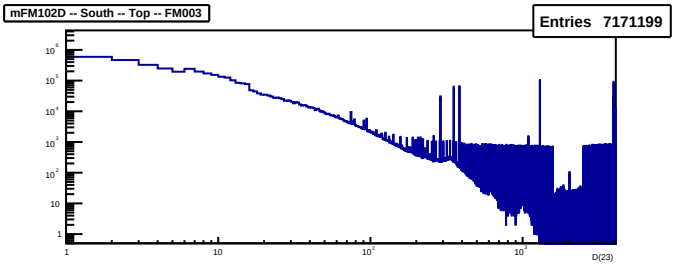
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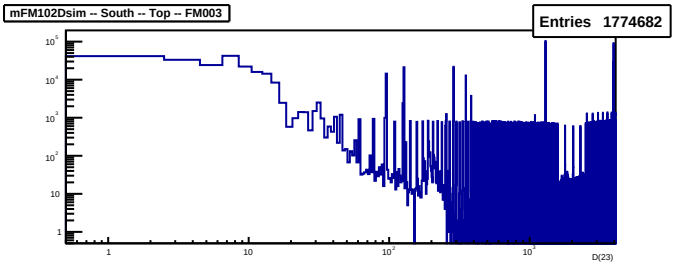
D(23)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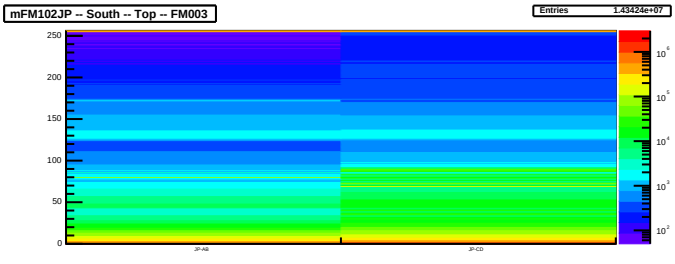
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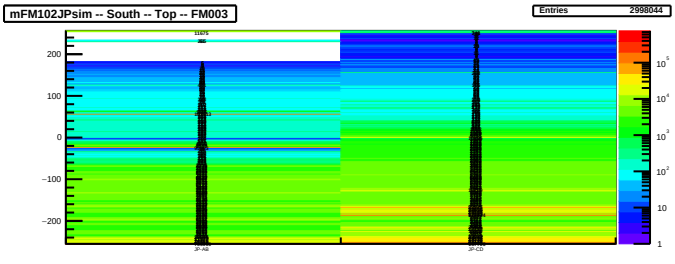
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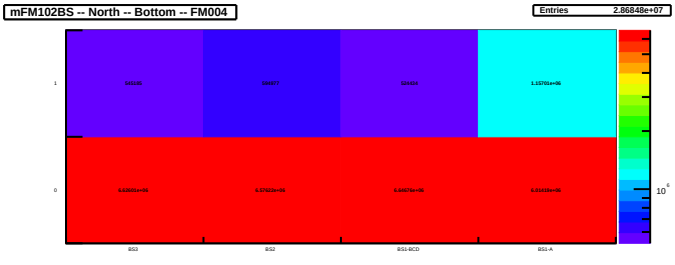
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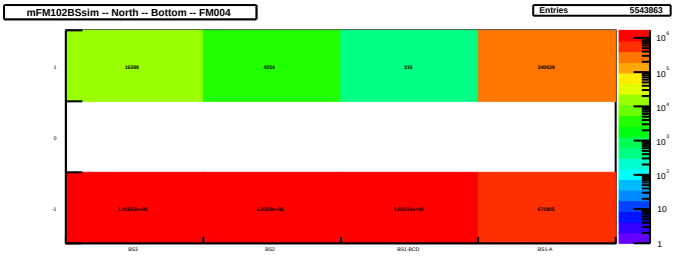
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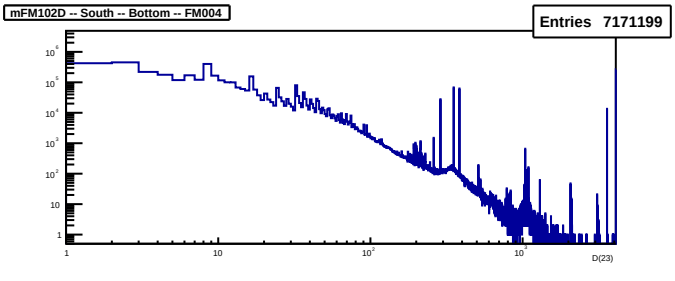
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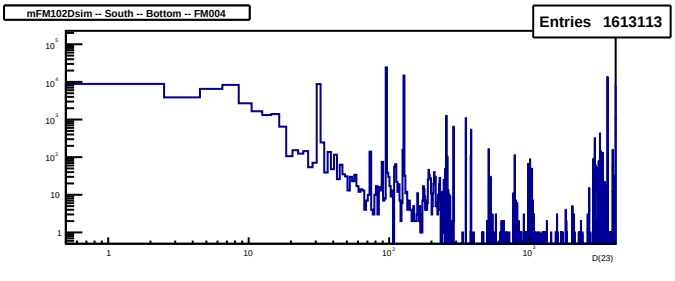
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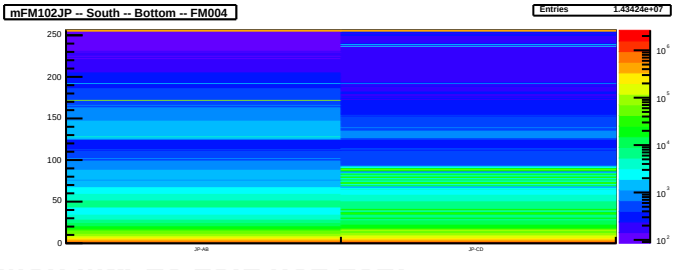
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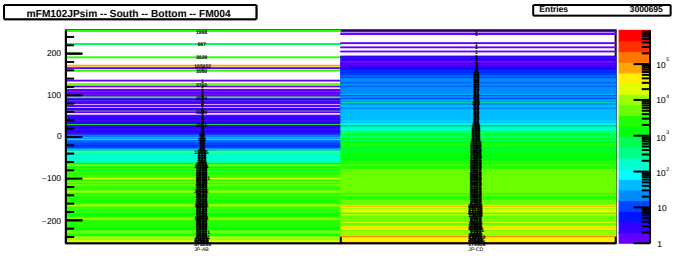
Entries 1.43424e+07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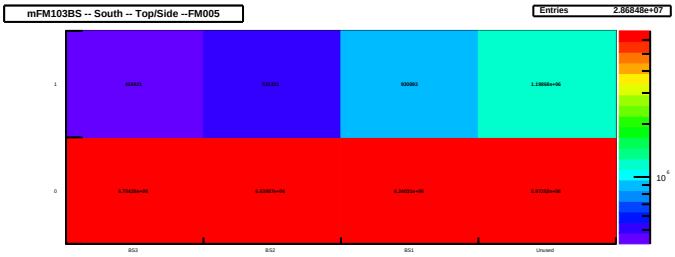
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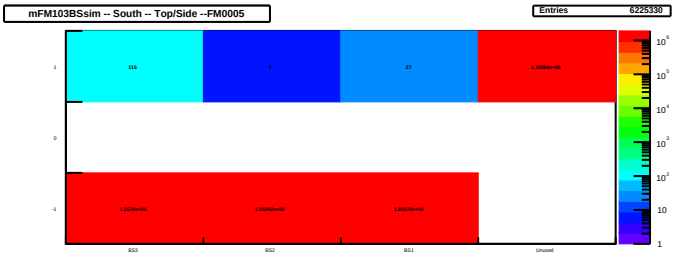
Entries 2.86848e+07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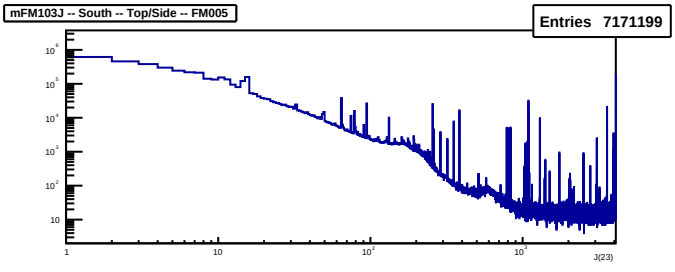
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Entries 7171199
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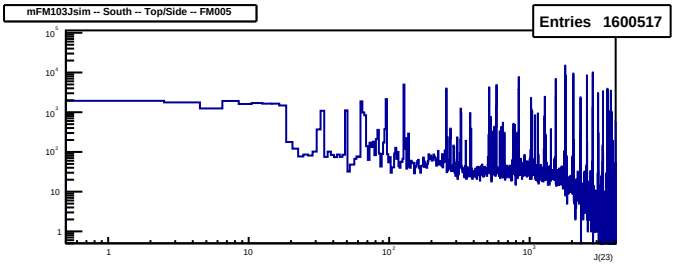
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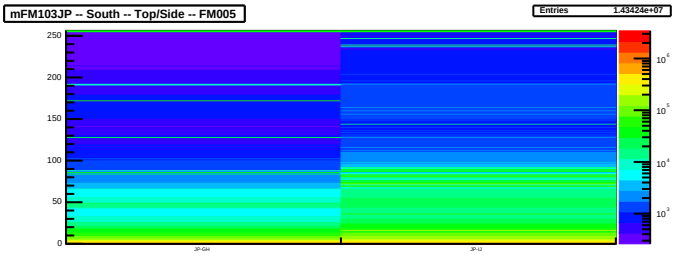
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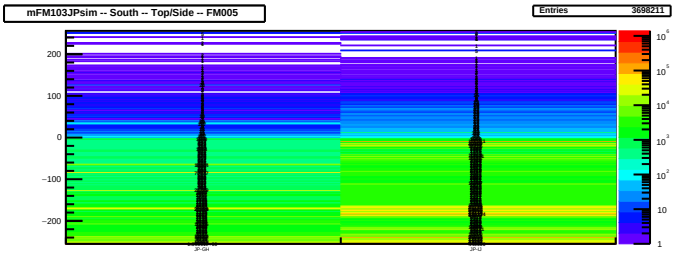
Entries 1.43424e+07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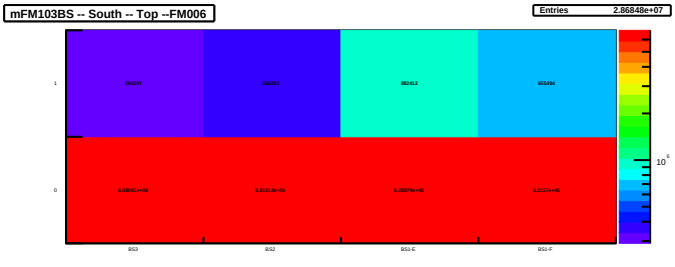
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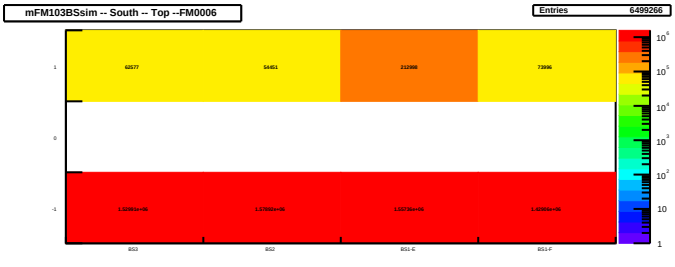
Entries 2.86848e+07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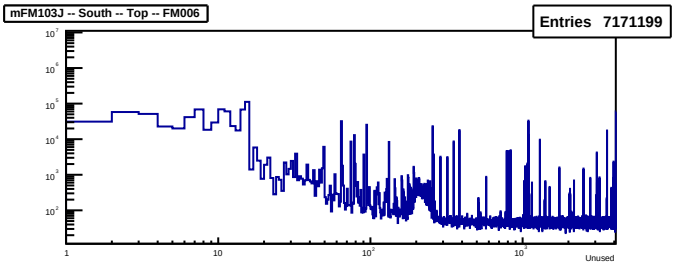
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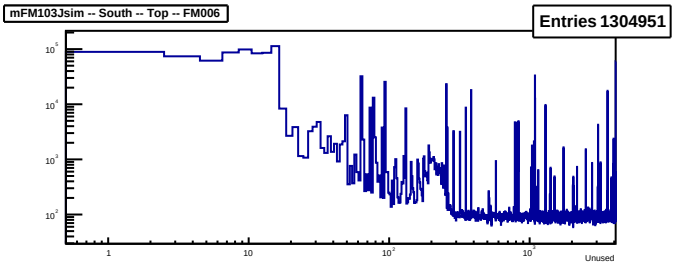
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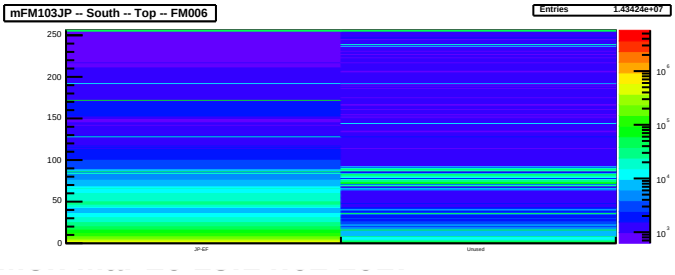
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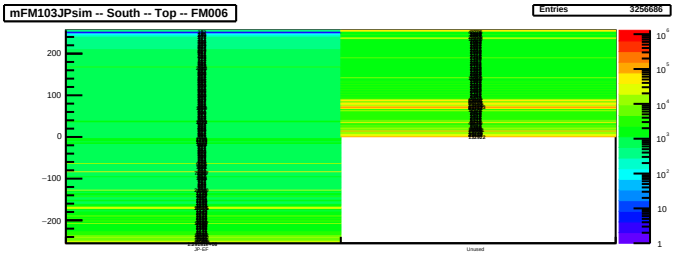
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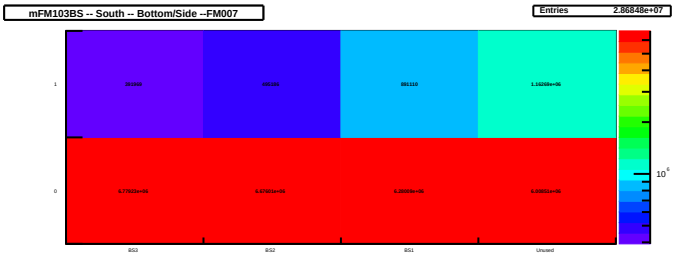
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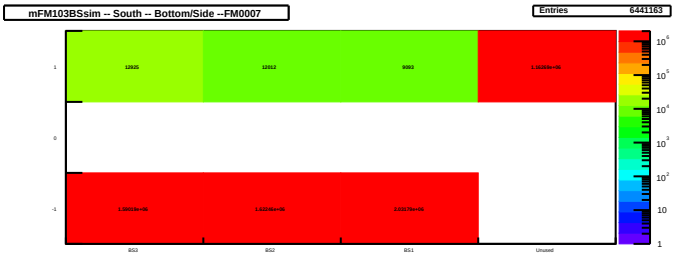
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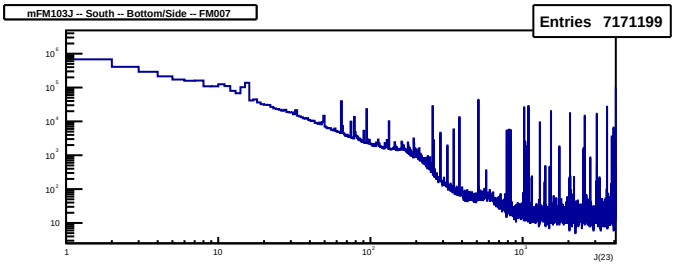
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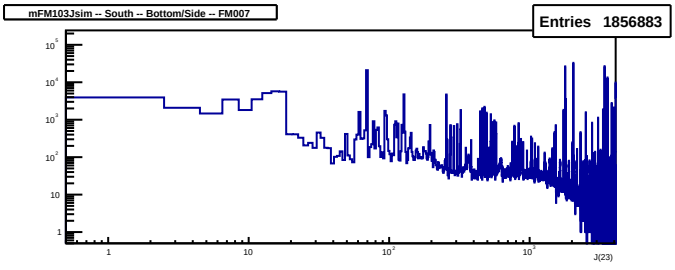
J(23)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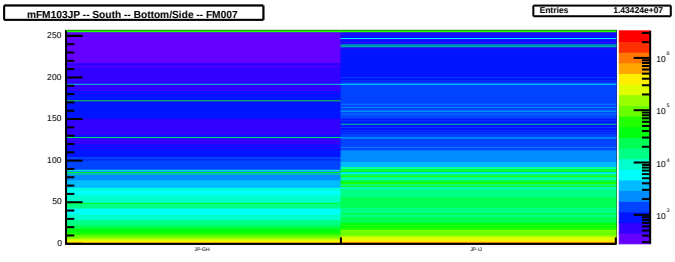
J(23)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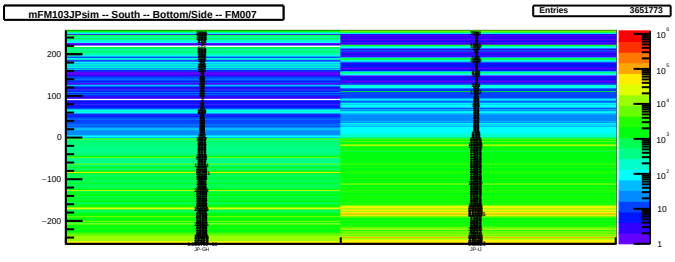
Entries 1.43424e+07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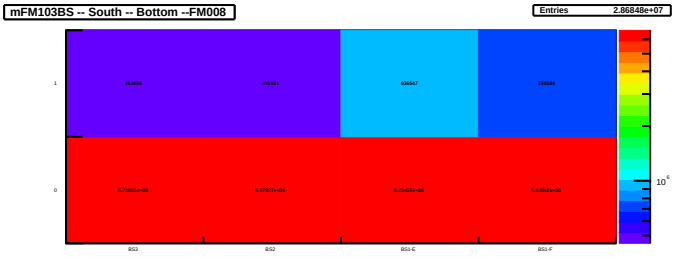
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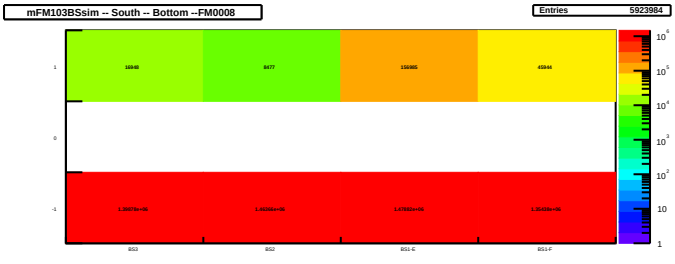
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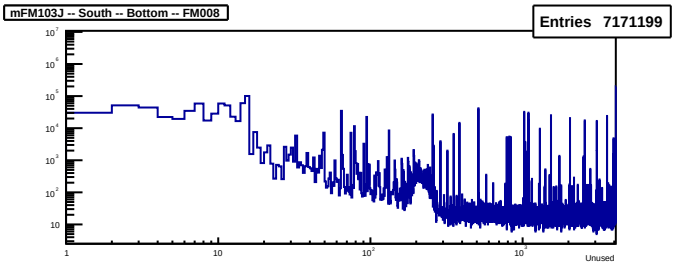
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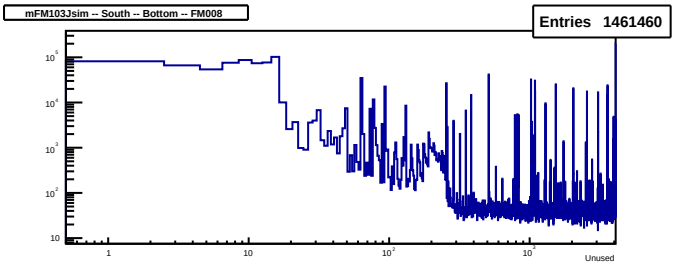
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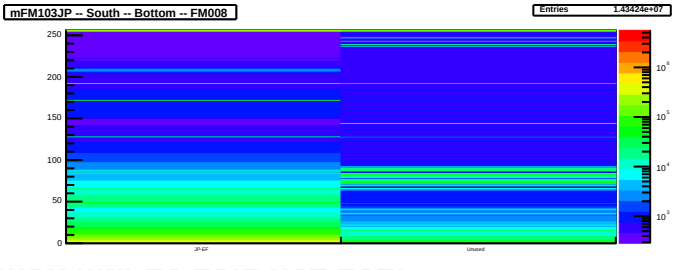
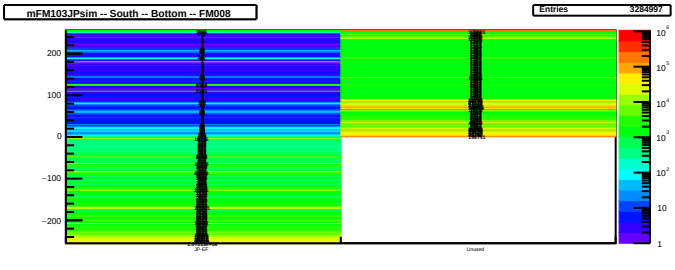
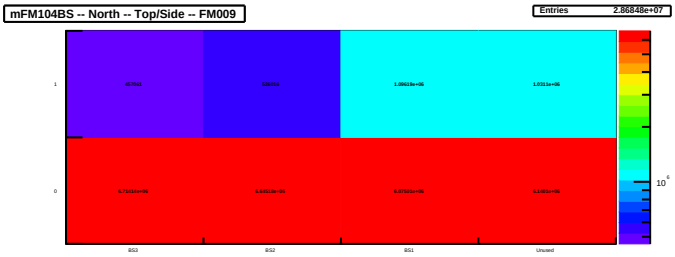
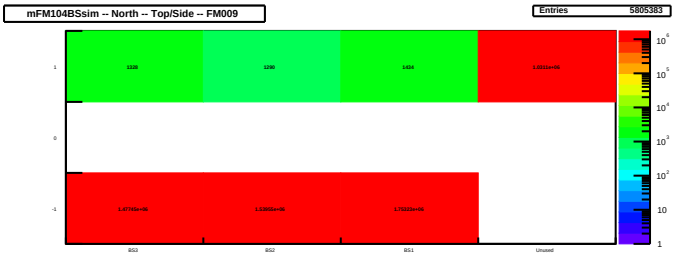

mFM103JP -- South -- Bottom -- FM008
Entries 1.43424e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3284997


mFM104BS -- North -- Top/Side -- FM009
Entries 2.86848e+07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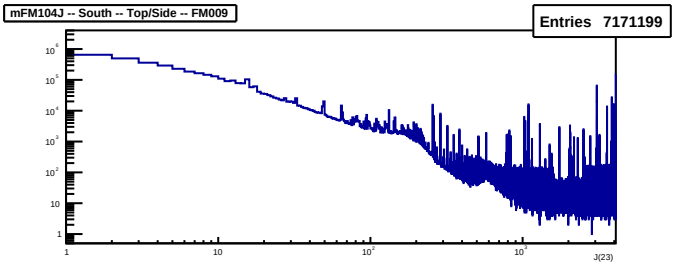
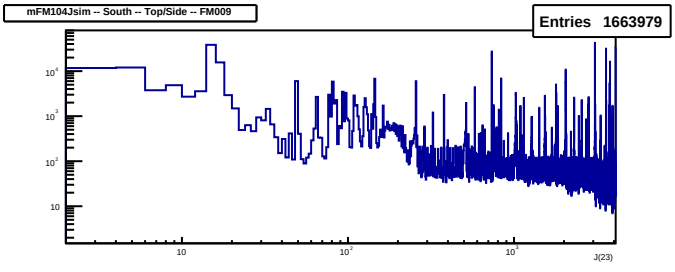

mFM104J -- South -- Top/Side -- FM009
Entries 7171199
J(23)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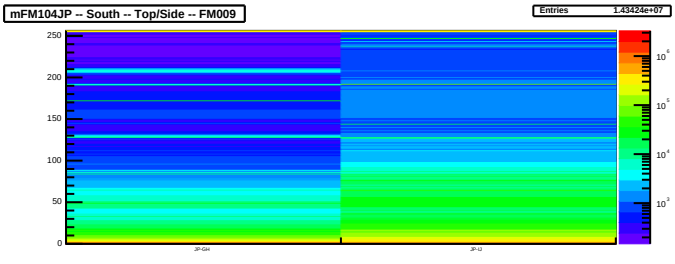
J(23)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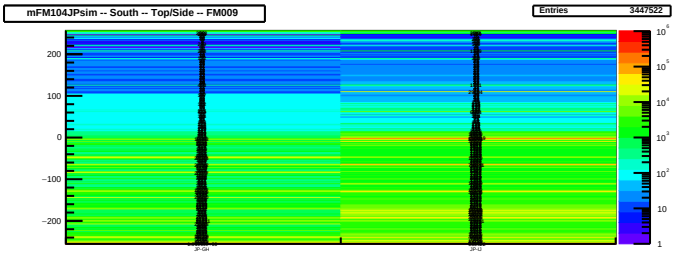
Entries 1.43424e+07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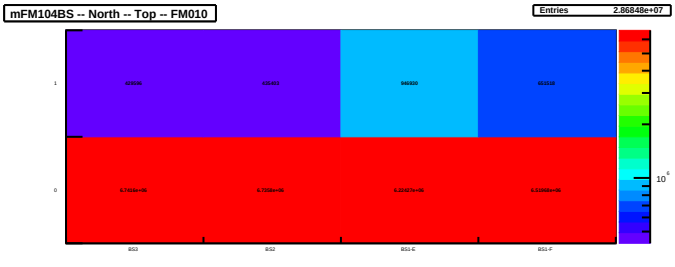
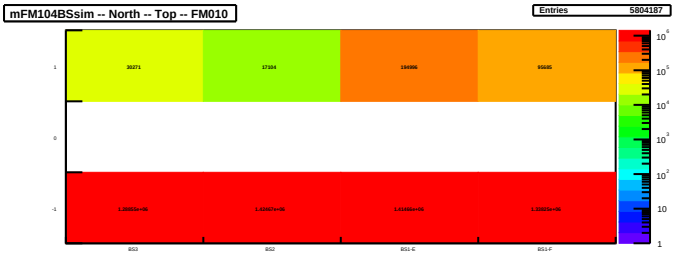
Entries 3447522


mFM104BS -- North -- Top -- FM010
Entries 2.86848e+07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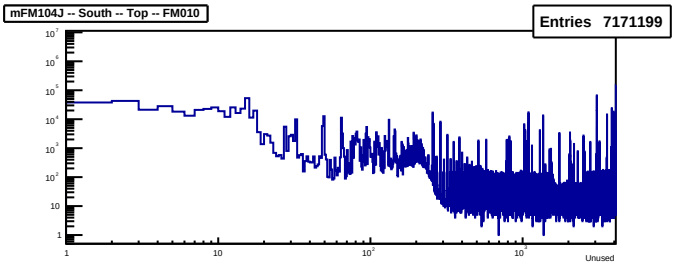
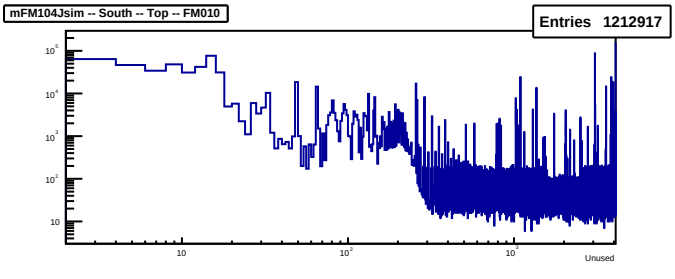
Entries 5804187


mFM104J -- South -- Top -- FM010
Entries 7171199
Unused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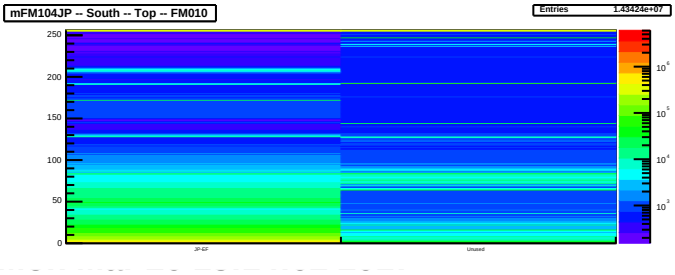
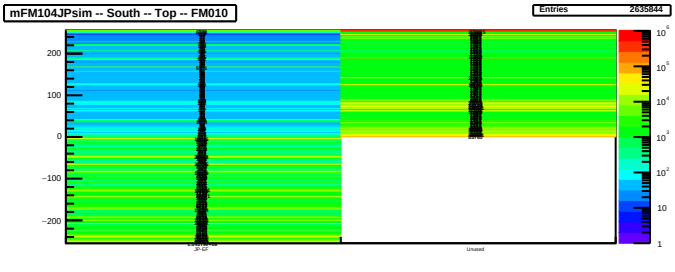
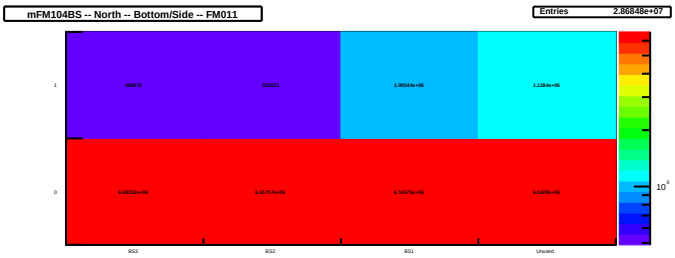
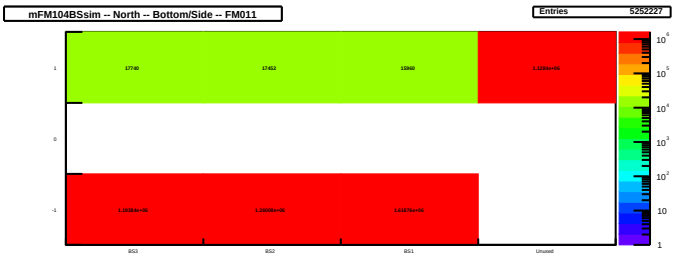
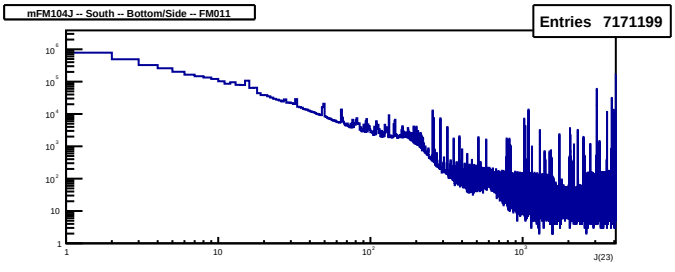
Entries 1212917
Unused

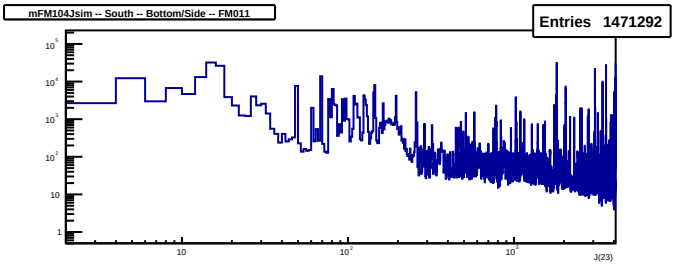

mFM104JP -- South -- Top -- FM010
Entries 1.43424e+07

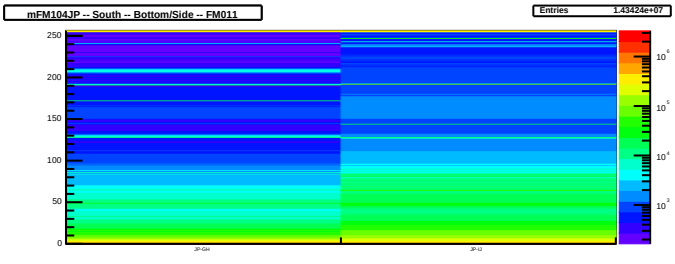

mFM104JPsim -- South -- Top -- FM010
Entries 2635844

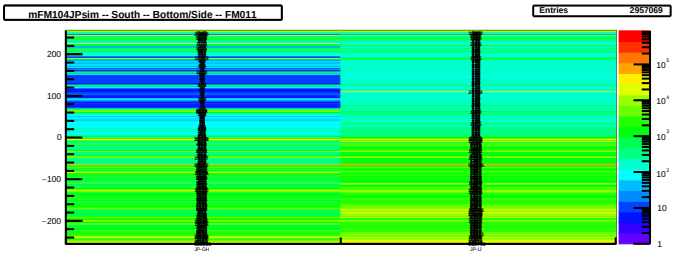

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.86848e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5252227


mFM104J -- South -- Bottom/Side -- FM011
Entries 7171199
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1471292
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.43424e+07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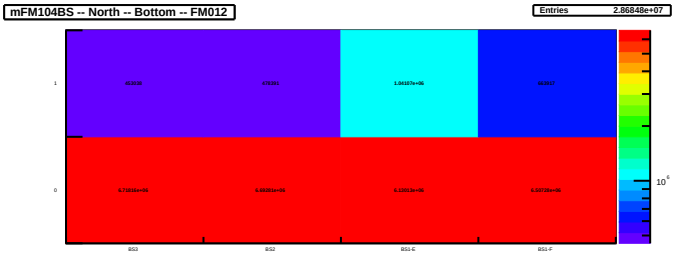
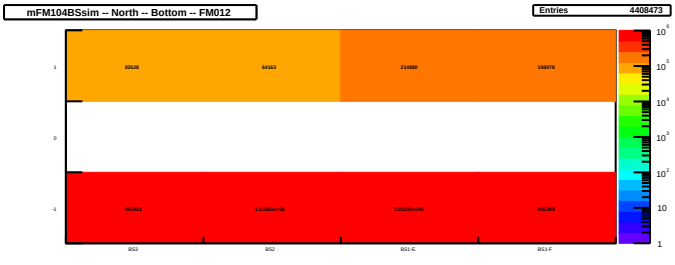
Entries 2957069


mFM104BS -- North -- Bottom -- FM012
Entries 2.86848e+07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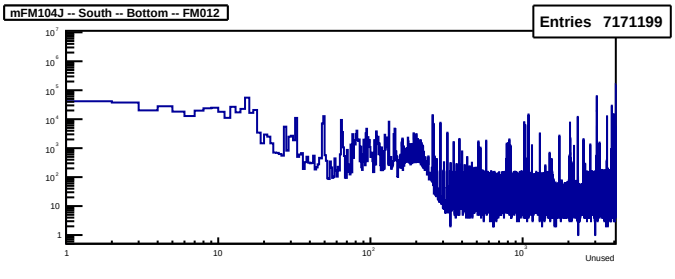
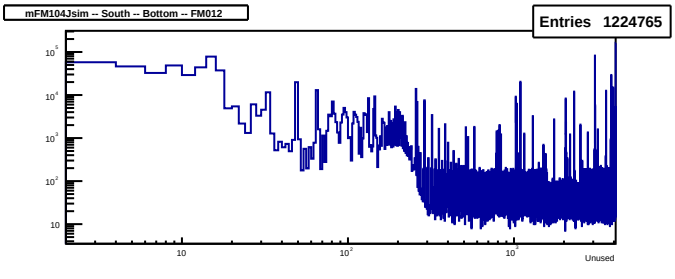

mFM104J -- South -- Bottom -- FM012
Entries 7171199
Unused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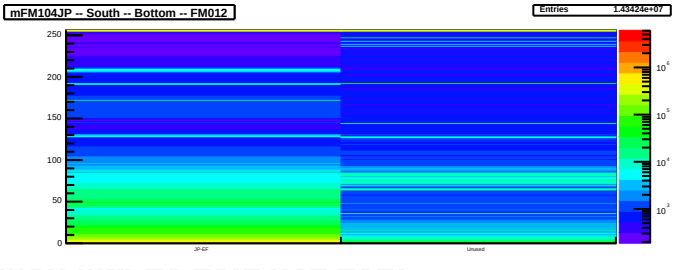
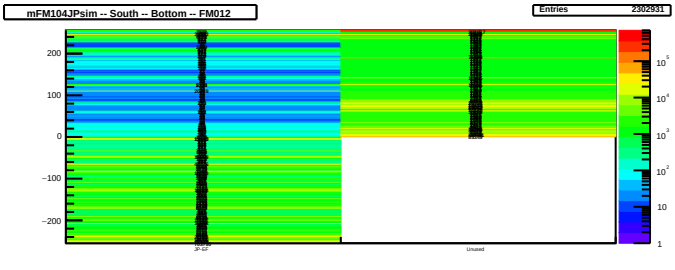
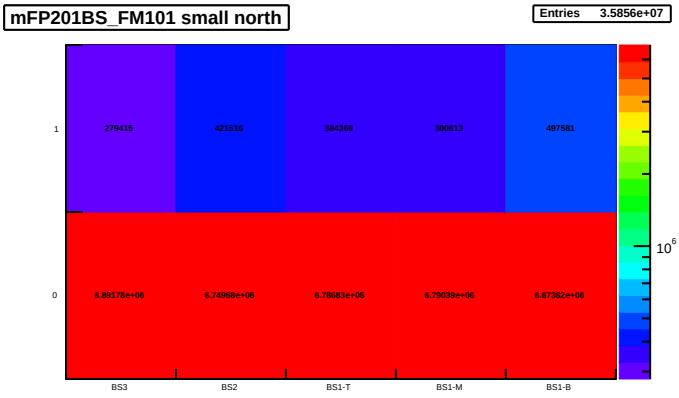

mFM104JP -- South -- Bottom -- FM012
Entries 1.43424e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2302931


mFP201BS_FM101 small north
Entries 3.5856e+07
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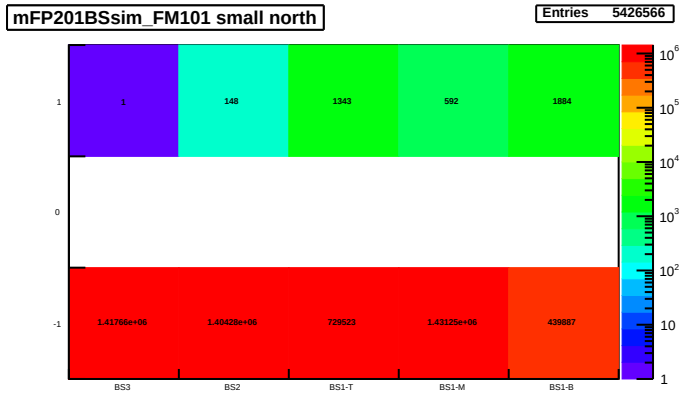
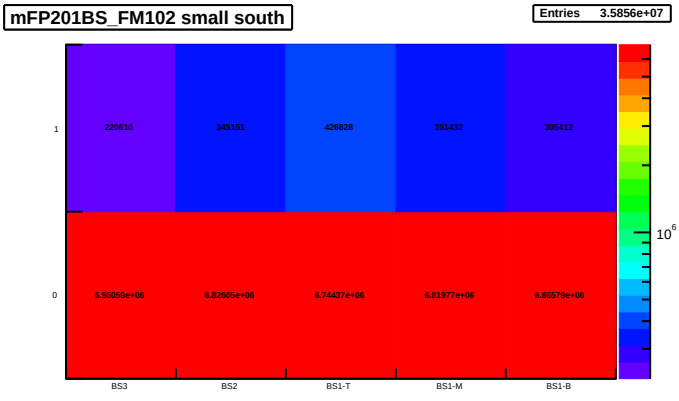
279415
421516
384369
380813
497581
6.89178e+06
6.74968e+06
6.78683e+06
6.79039e+06
6.67362e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5426566
1
0
-1
1
148
1343
592
1884
1.41766e+06
1.40428e+06
729523
1.43125e+06
439887
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 3.5856e+07
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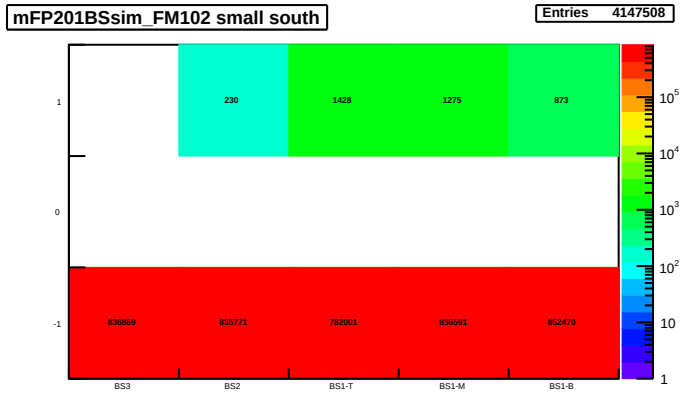
0
220610
345151
426828
351432
305412
6.95059e+06
6.82605e+06
6.74437e+06
6.81977e+06
6.86579e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 4147508
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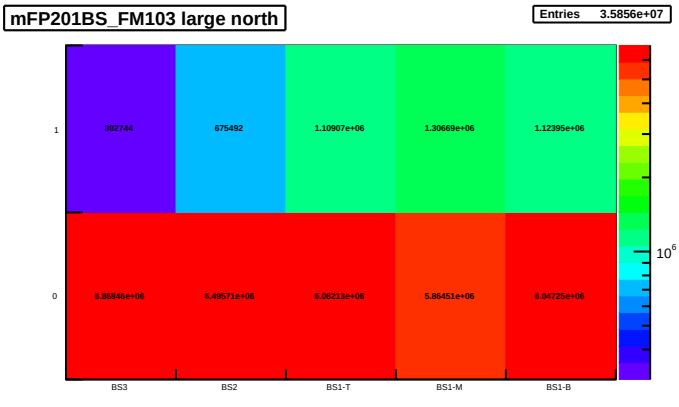
-1
230
1428
1275
873
836869
835771
782001
836591
852470
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 3.5856e+07
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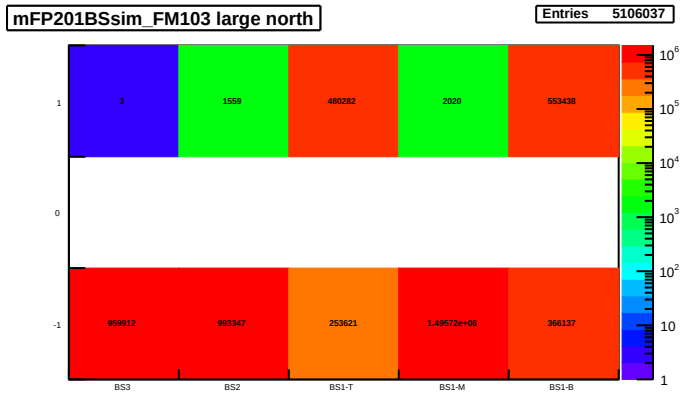
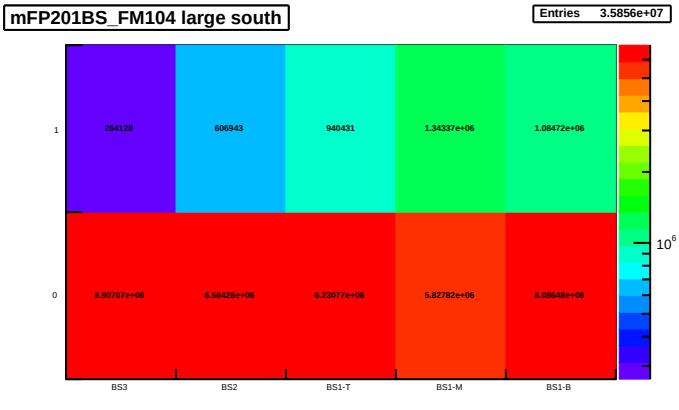
0
302744
675492
1.10907e+06
1.30669e+06
1.12395e+06
6.86846e+06
6.49571e+06
6.06213e+06
5.86451e+06
6.04725e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 5106037
1
0
-1
3
1559
480282
2020
553438
959912
993347
253621
1.49572e+06
366137
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 3.5856e+07
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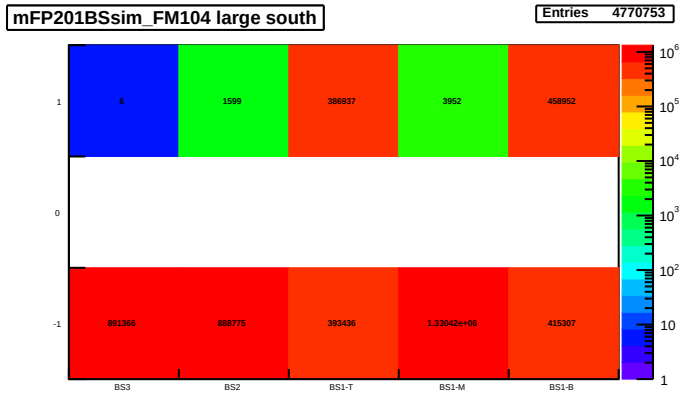
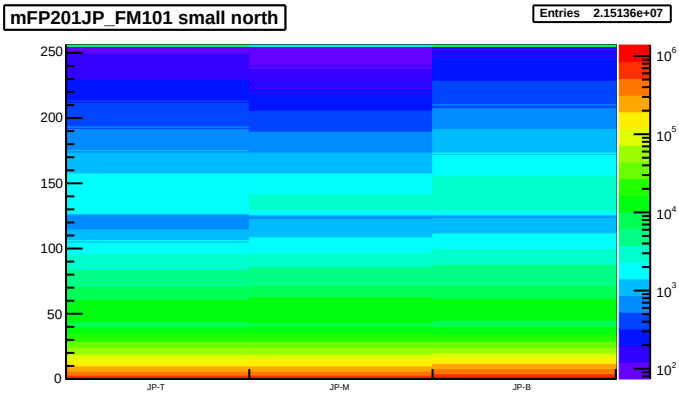
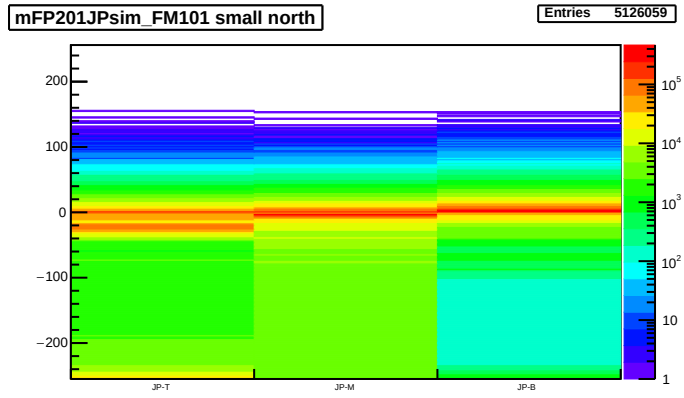
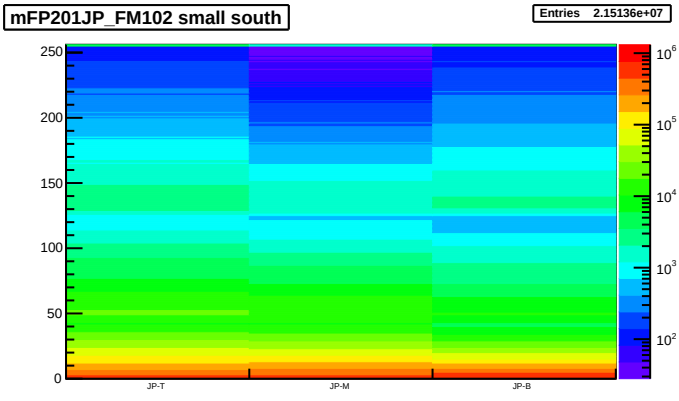
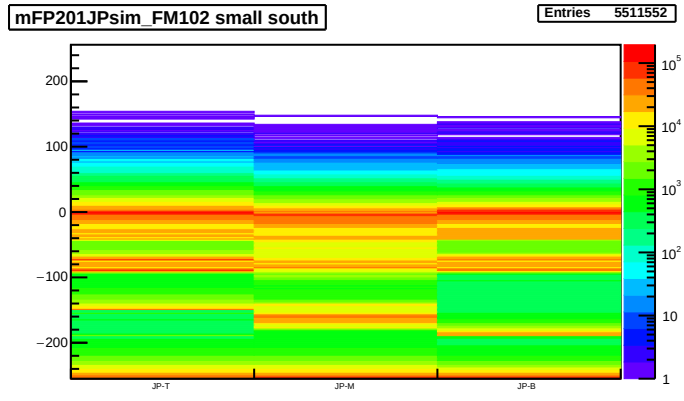
0
264128
606943
940431
1.34337e+06
1.08472e+06
6.90707e+06
6.56426e+06
6.23077e+06
5.82782e+06
6.08648e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

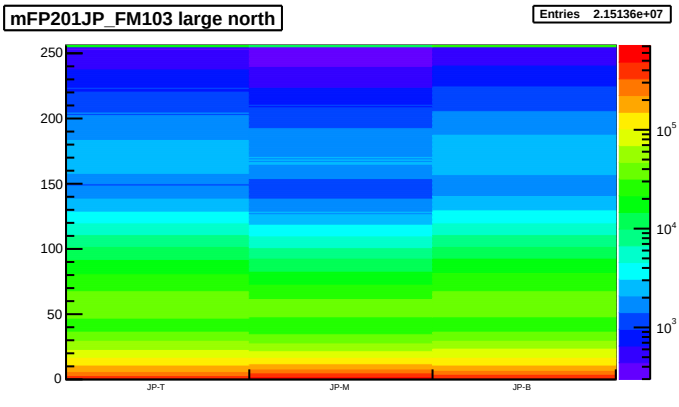

mFP201BSsim_FM104 large south
Entries 4770753
1
0
-1
6
1599
386937
3952
458952
891366
888775
393436
1.33042e+06
415307
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

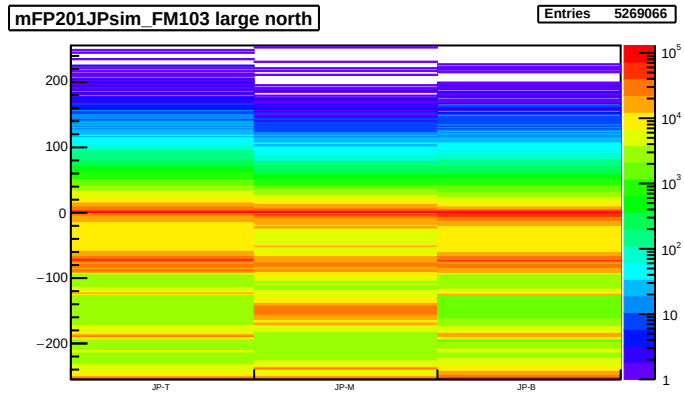

mFP201JP_FM101 small north
Entries 2.15136e+07
JP-T
JP-M
JP-B

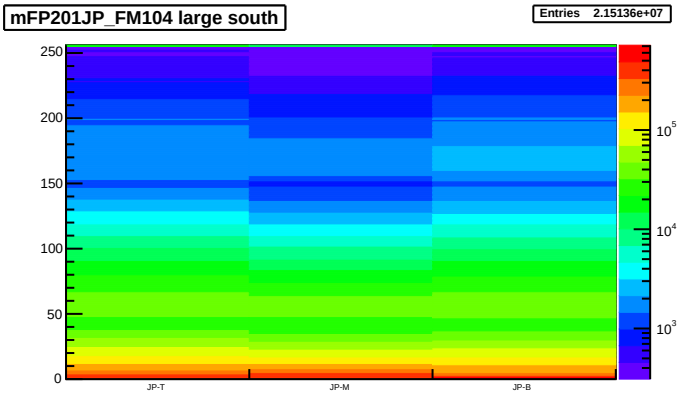

mFP201JPsim_FM101 small north
Entries 5126059
JP-T
JP-M
JP-B

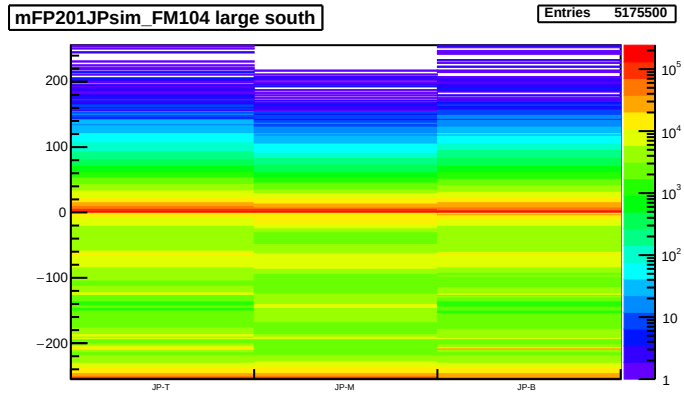

mFP201JP_FM102 small south
Entries 2.15136e+07
JP-T
JP-M
JP-B

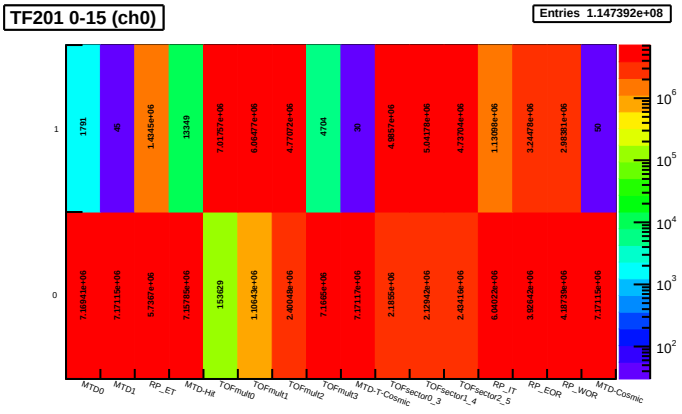

mFP201JPsim_FM102 small south
Entries 5511552
JP-T
JP-M
JP-B

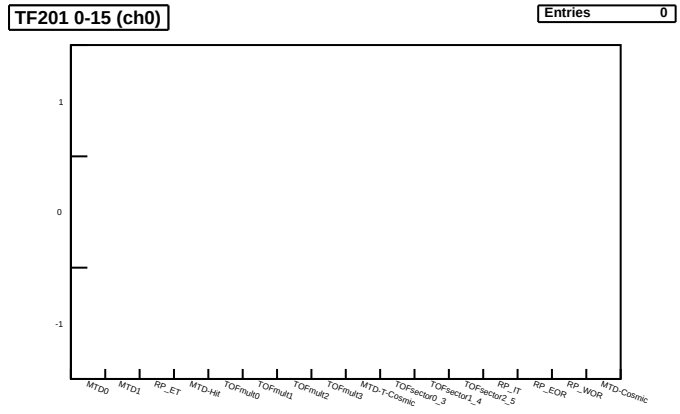

mFP201JP_FM103 large north
Entries 2.15136e+07
JP-T
JP-M
JP-B

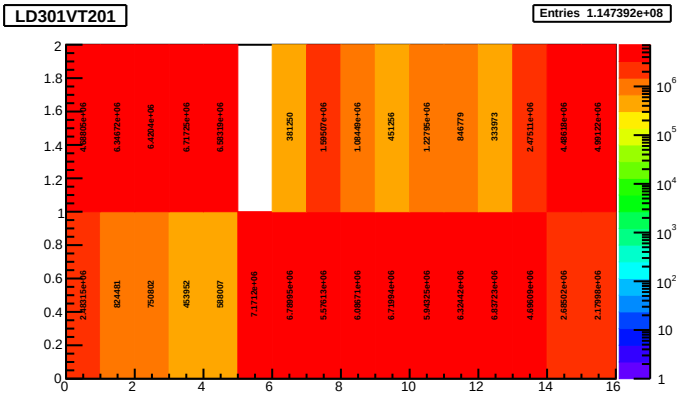

mFP201JPsim_FM103 large north
Entries 5269066
JP-T
JP-M
JP-B

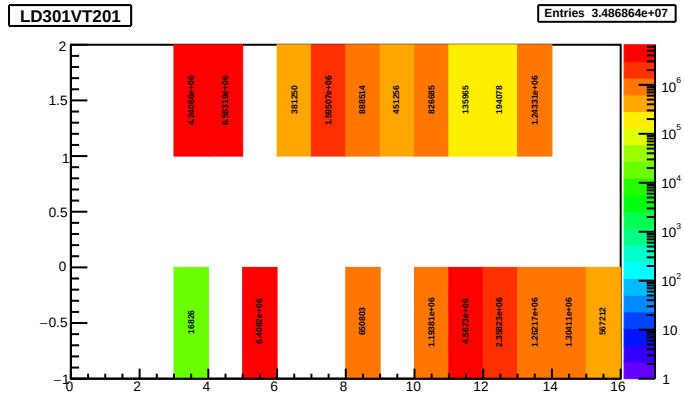

mFP201JP_FM104 large south
Entries 2.15136e+07
JP-T
JP-M
JP-B

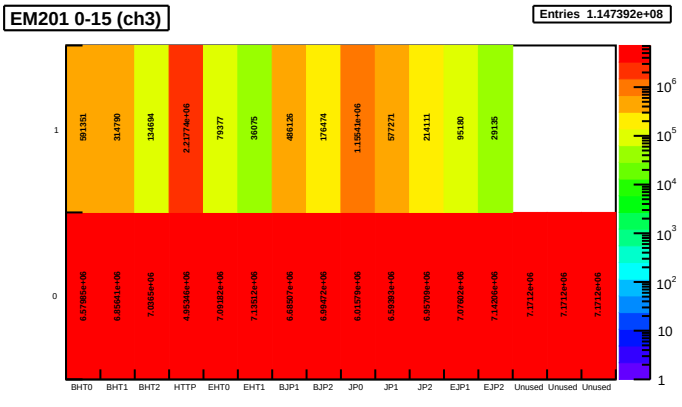

mFP201JPsim_FM104 large south
Entries 5175500
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.147392e+08
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 1.147392e+08


LD301VT201
Entries 3.486864e+07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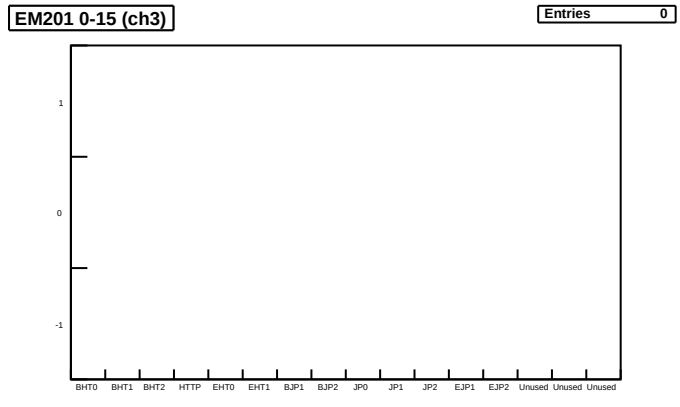
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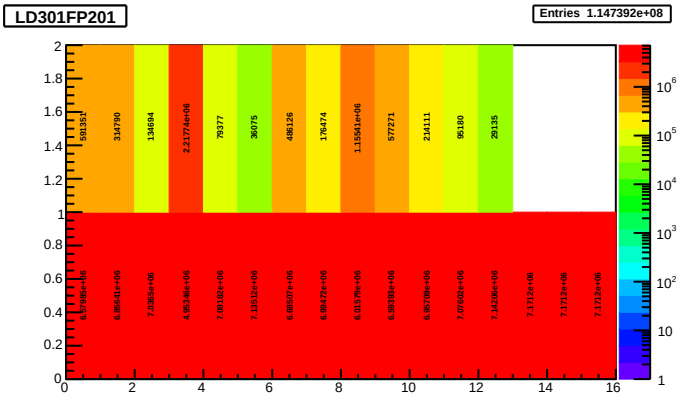
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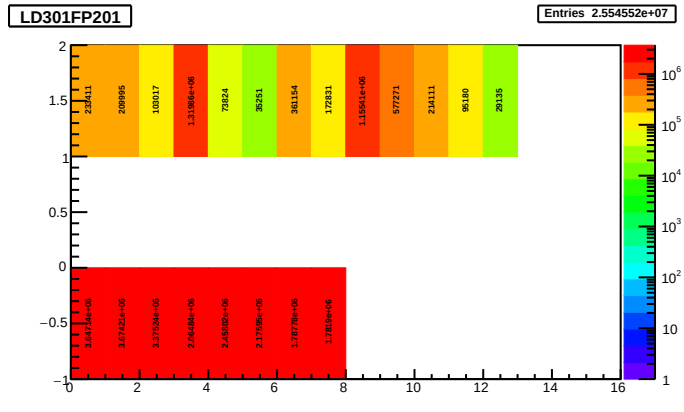
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