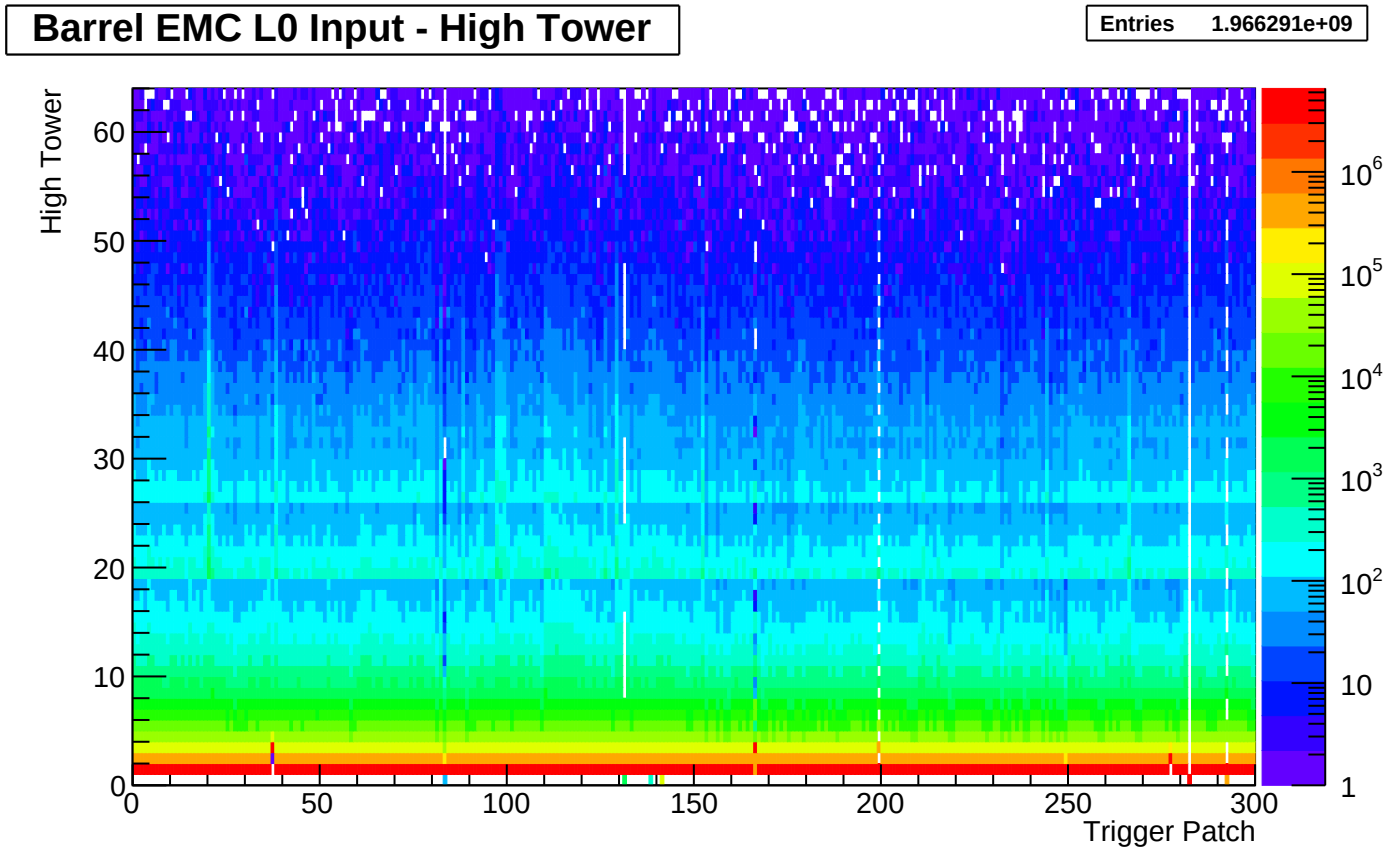
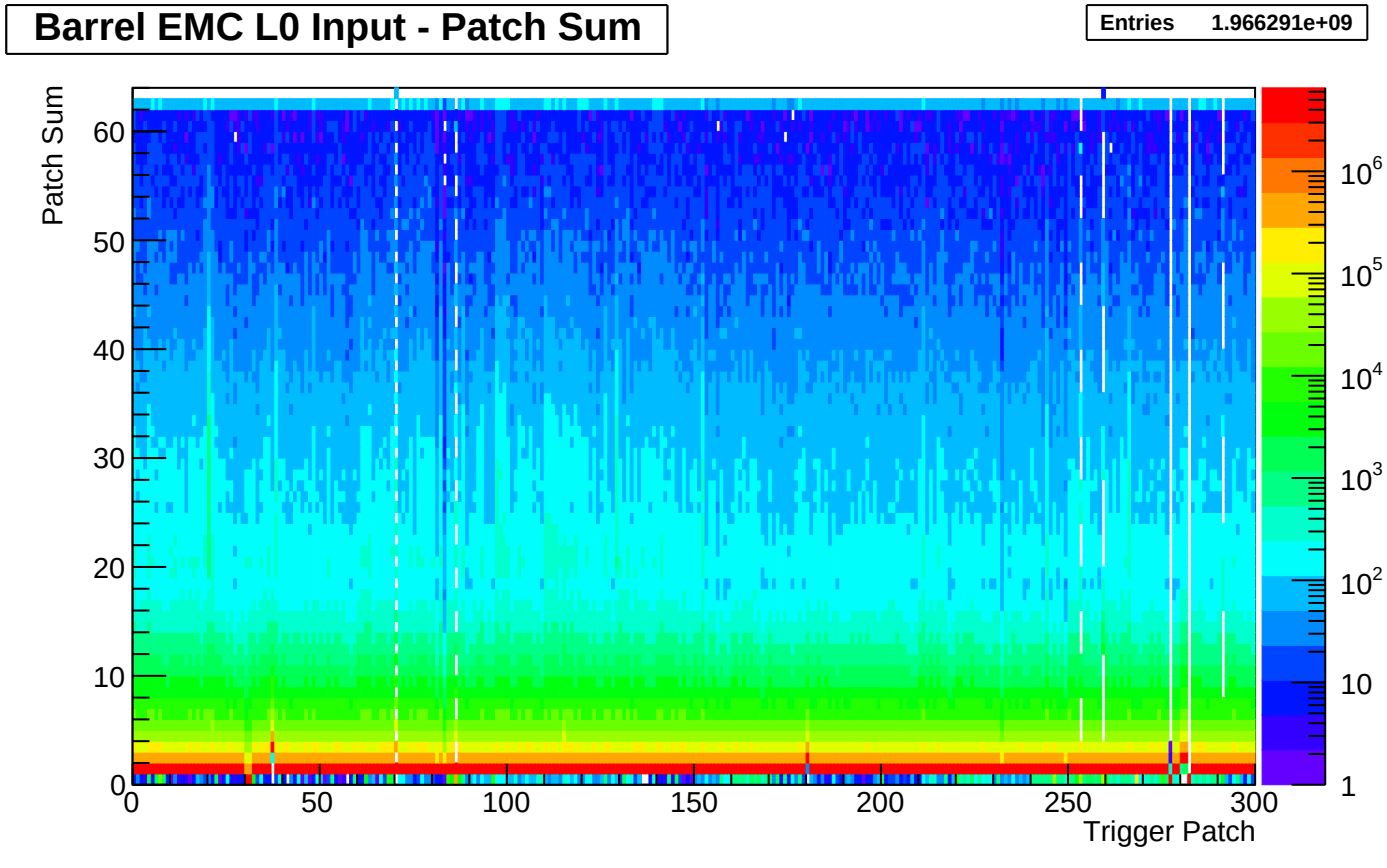
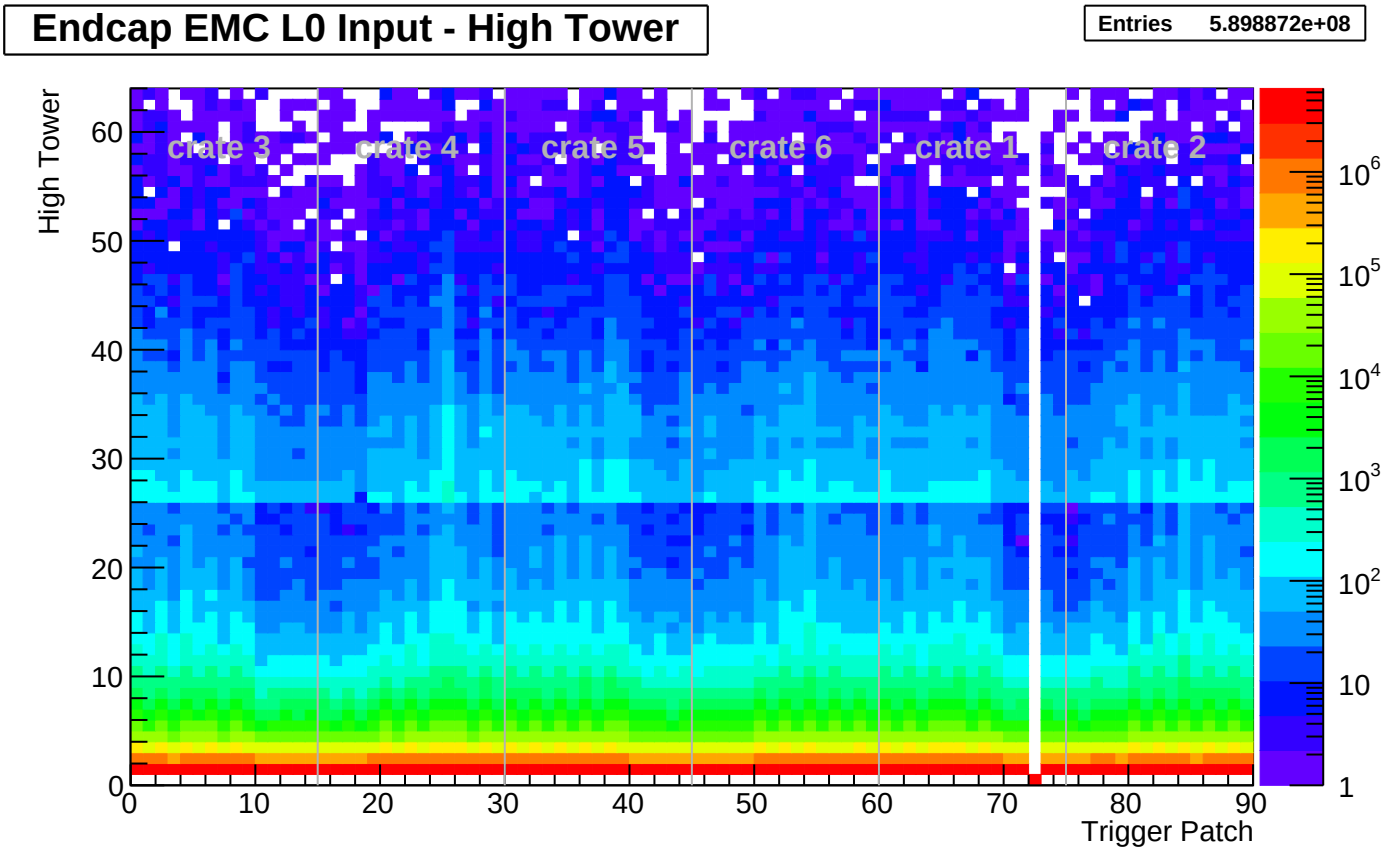
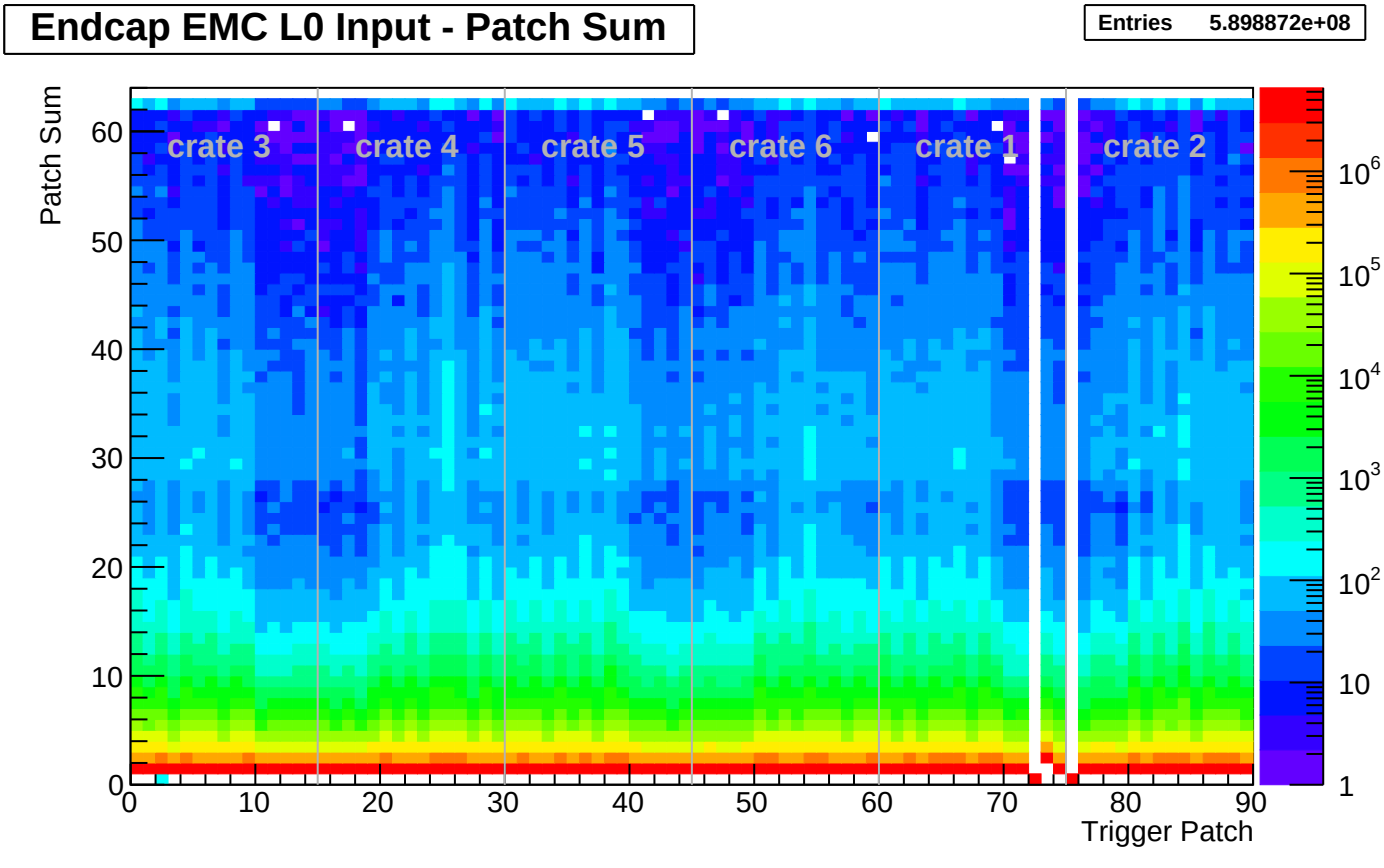
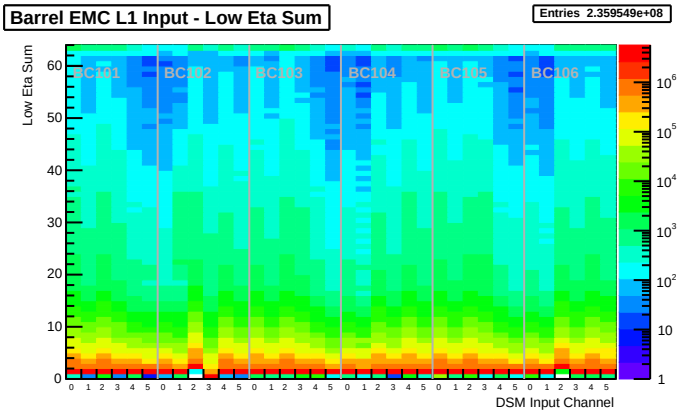
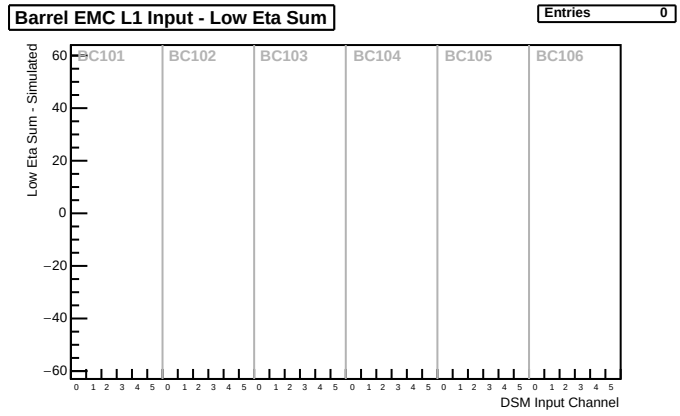

Barrel EMC L0 Input - High Tower
Entries 1.966291e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

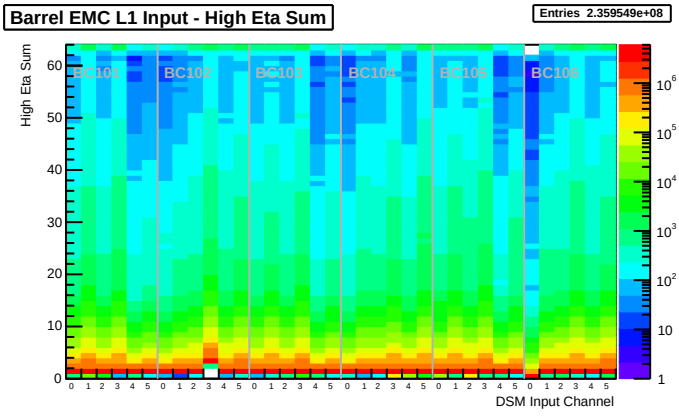

Barrel EMC L0 Input - Patch Sum
Entries 1.966291e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

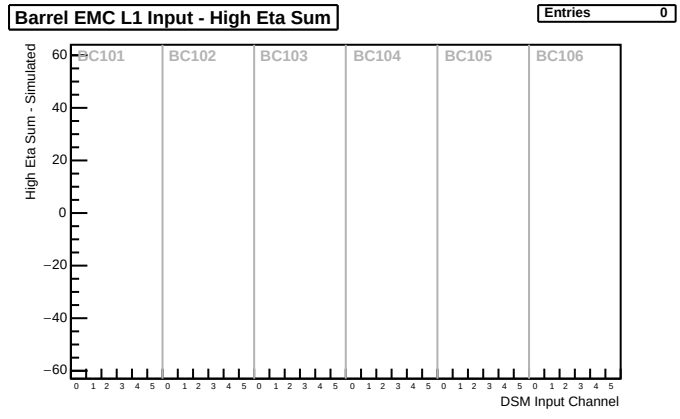

Endcap EMC L0 Input - High Tower
Entries 5.898872e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

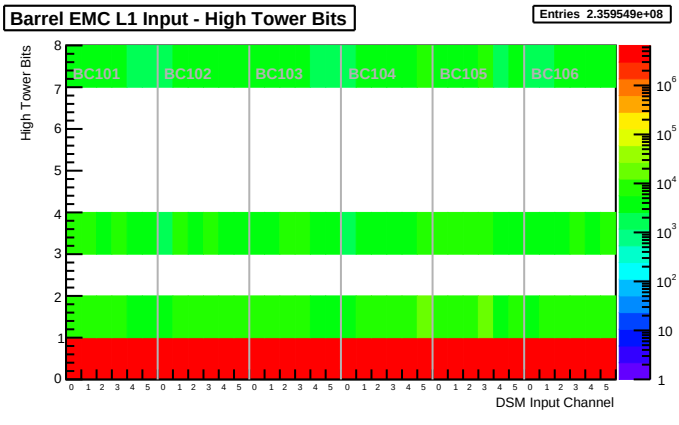

Endcap EMC L0 Input - Patch Sum
Entries 5.898872e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

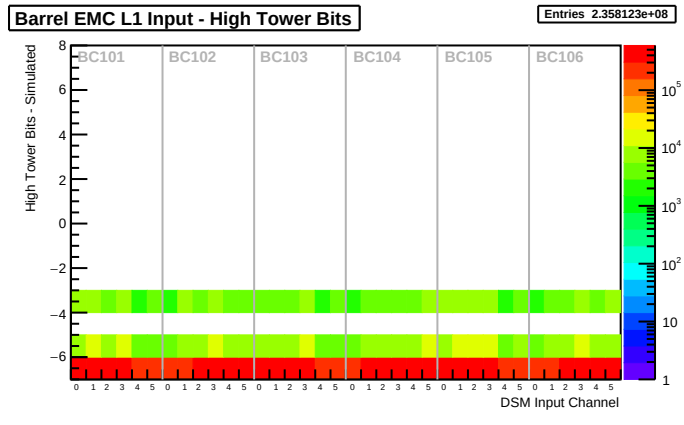

Barrel EMC L1 Input - Low Eta Sum
Entries 2.359549e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

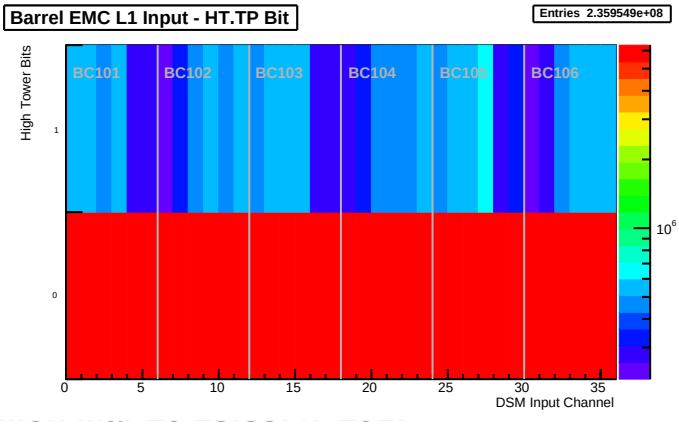

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

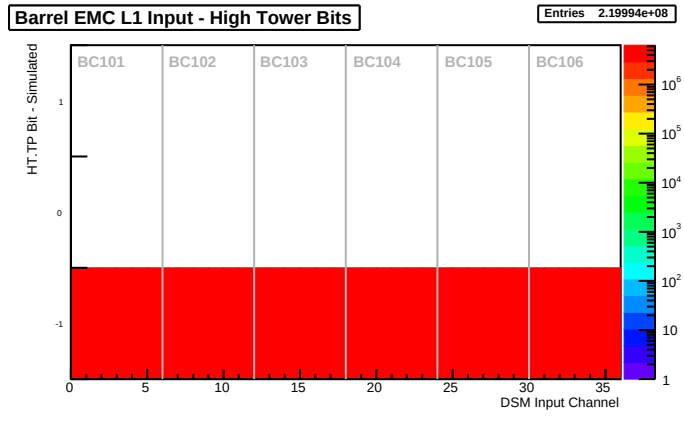

Barrel EMC L1 Input - High Eta Sum
Entries 2.359549e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

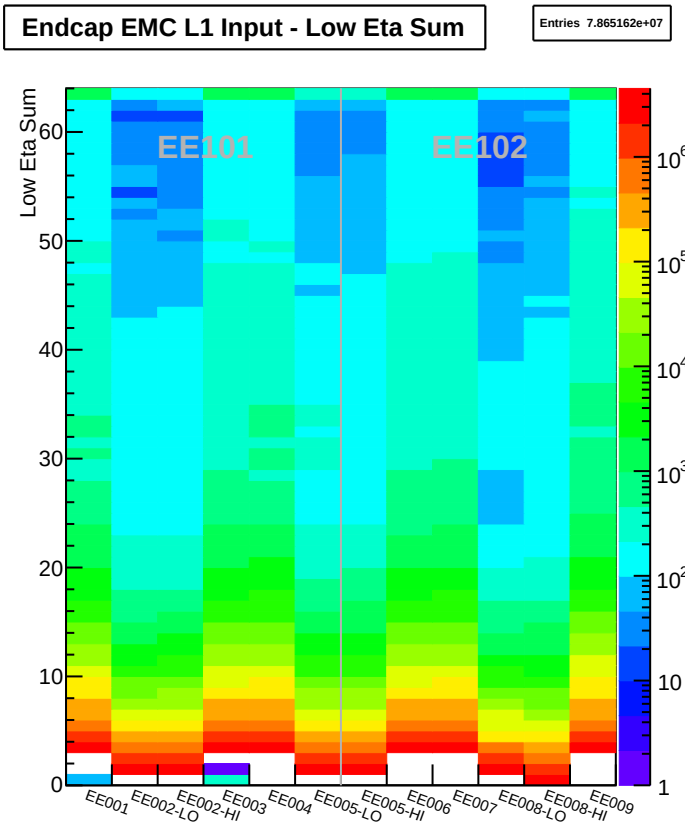

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

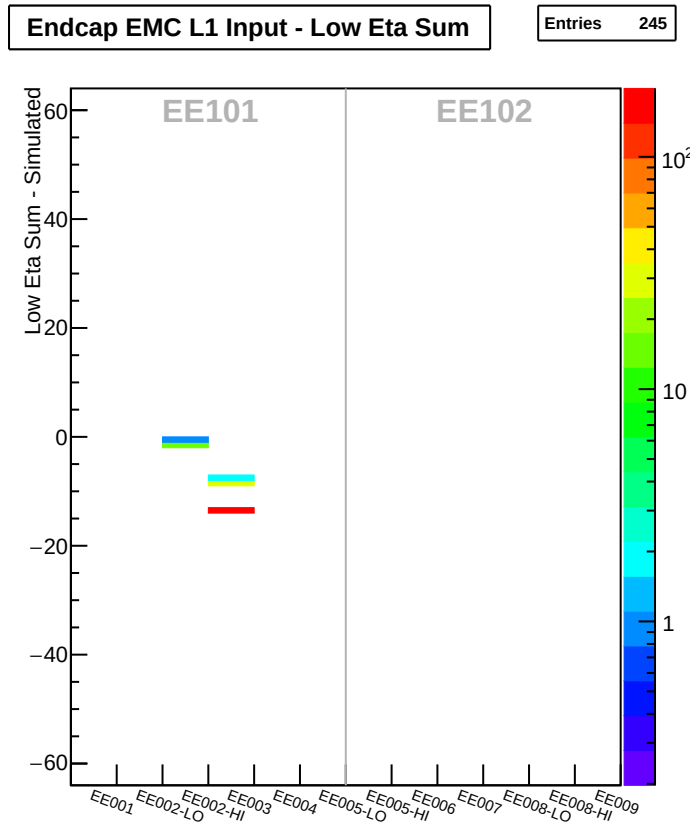

Barrel EMC L1 Input - High Tower Bits
Entries 2.359549e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

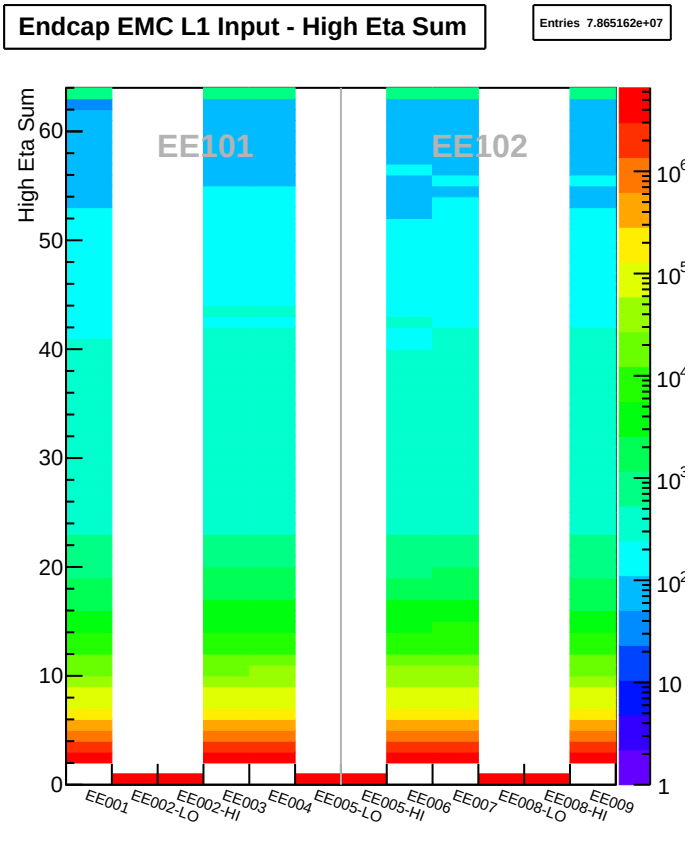

Barrel EMC L1 Input - High Tower Bits
Entries 2.358123e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

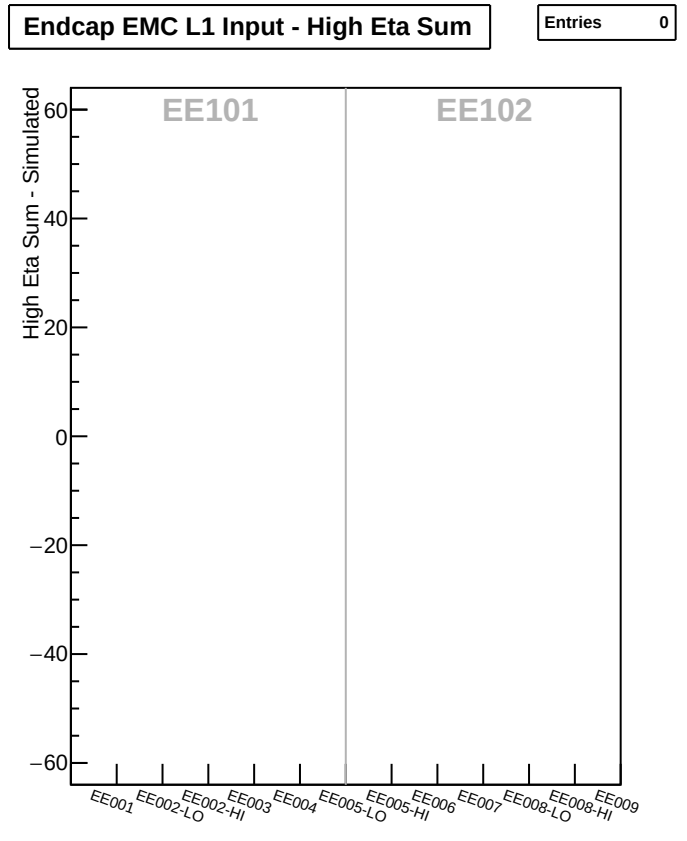

Barrel EMC L1 Input - HT.TP Bit
Entries 2.359549e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

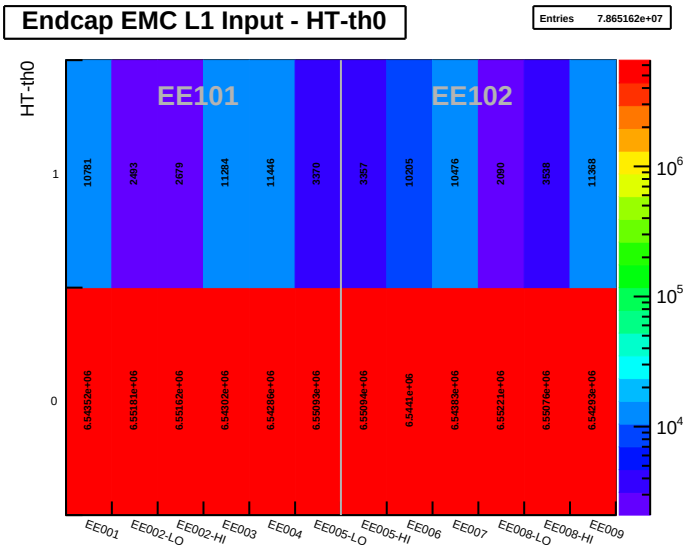

Barrel EMC L1 Input - High Tower Bits
Entries 2.19994e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

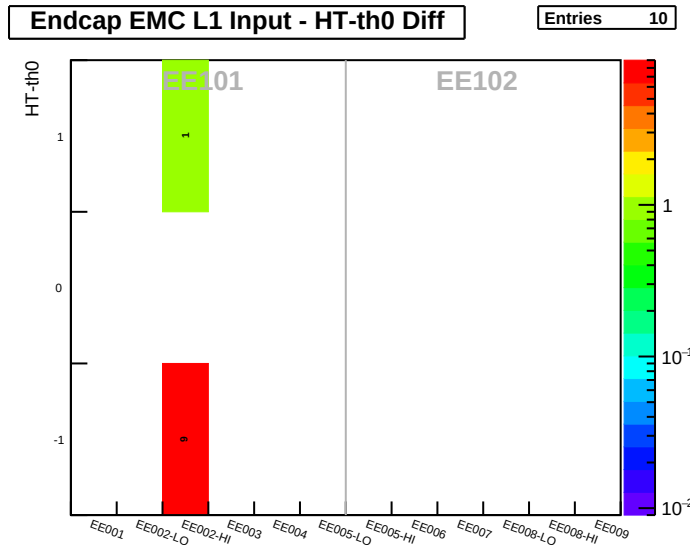

Endcap EMC L1 Input - Low Eta Sum
Entries 7.865162e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

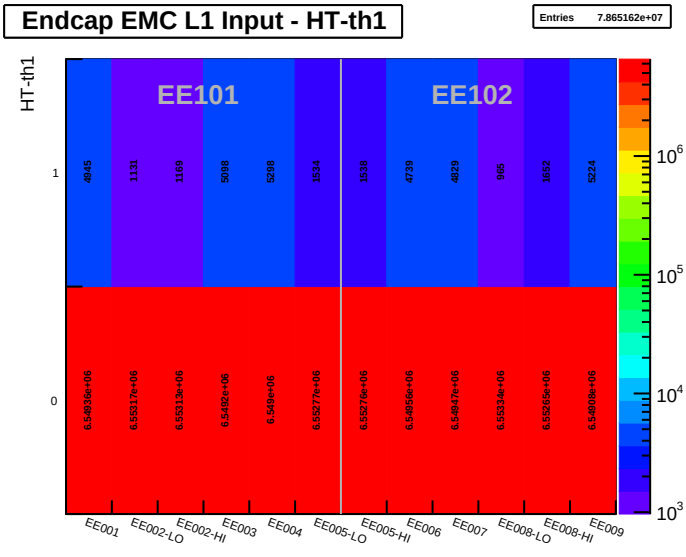

Endcap EMC L1 Input - Low Eta Sum
Entries 245
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

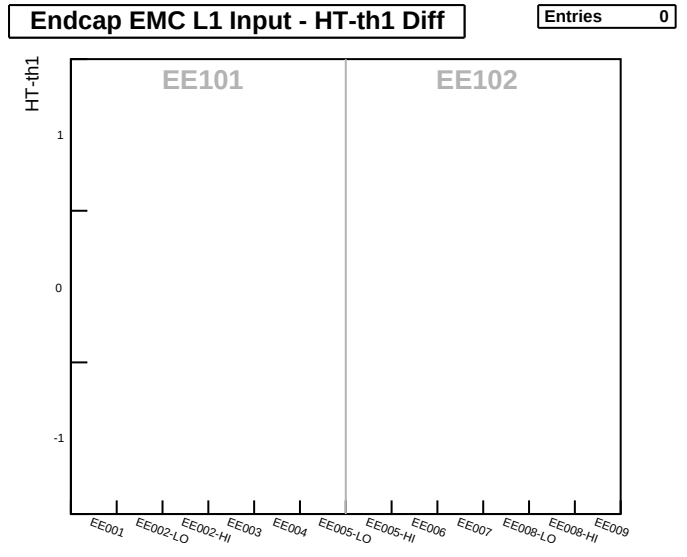

Endcap EMC L1 Input - High Eta Sum
Entries 7.865162e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

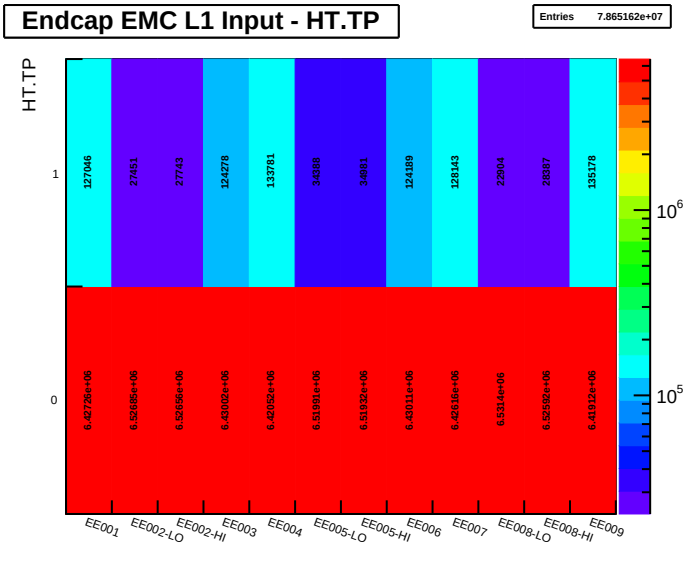

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

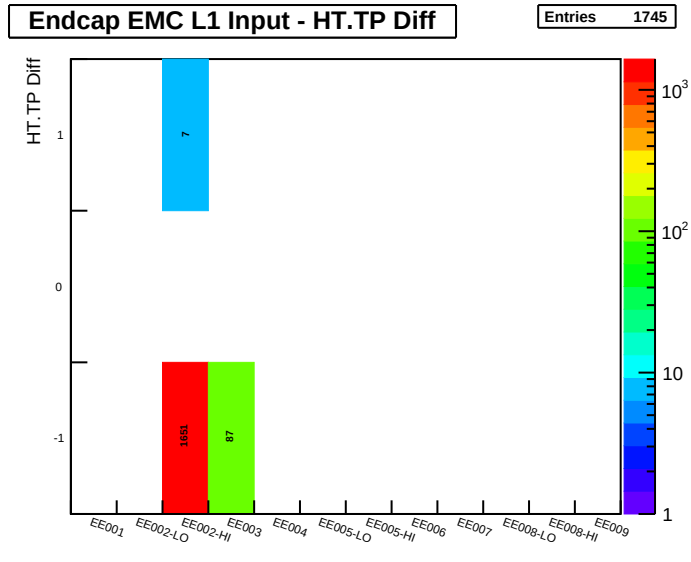

Endcap EMC L1 Input - HT-th0
Entries 7.865162e+07
HT-th0
EE101
EE102
10781 2493 2679 11294 11446 3370 3357 10205 10476 2090 3538 11368
6.54352e+06 6.55181e+06 6.55162e+06 6.54302e+06 6.54286e+06 6.55093e+06 6.55094e+06 6.5441e+06 6.54383e+06 6.55221e+06 6.55076e+06 6.54293e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

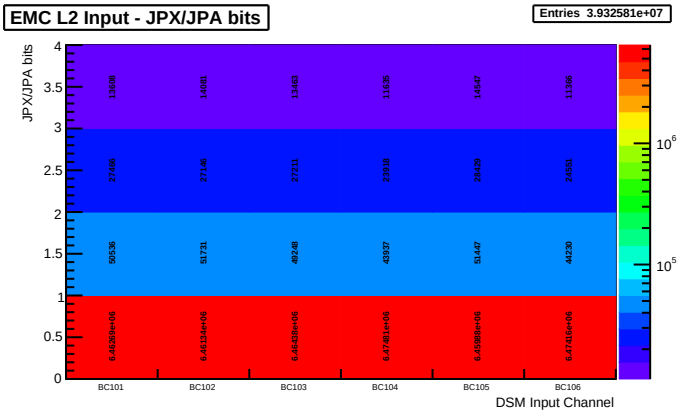

Endcap EMC L1 Input - HT-th0 Diff
Entries 10
HT-th0
EE101
EE102
1
9
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

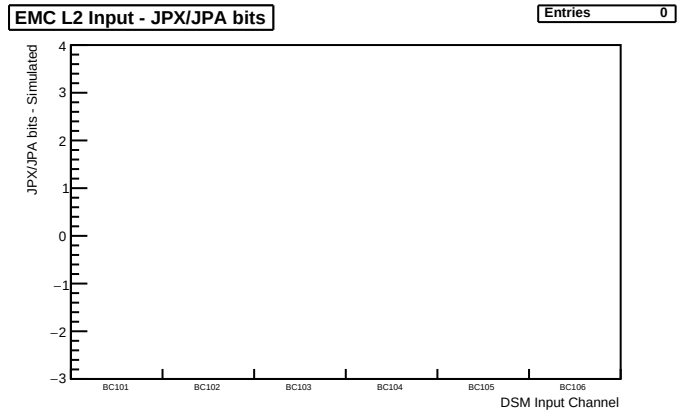

Endcap EMC L1 Input - HT-th1
Entries 7.865162e+07
HT-th1
EE101
EE102
4945 1131 1169 5098 5298 1534 1538 4739 4829 965 1652 5224
6.54935e+06 6.55317e+06 6.55313e+06 6.5492e+06 6.549e+06 6.55277e+06 6.55276e+06 6.54956e+06 6.54947e+06 6.55334e+06 6.55265e+06 6.54908e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

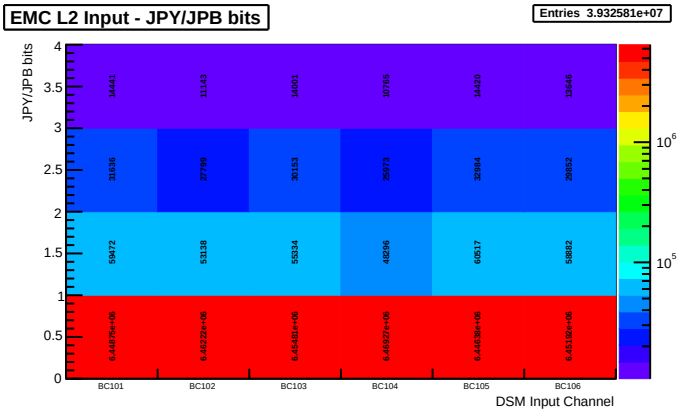

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

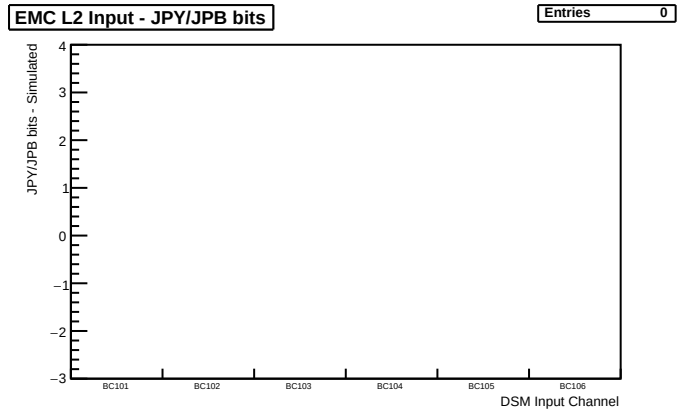

Endcap EMC L1 Input - HT.TP
Entries 7.865162e+07
HT.TP
127046 27451 27743 124278 133781 34386 34881 124189 128143 22904 28387 135178
6.42726e+06 6.52685e+06 6.52656e+06 6.43002e+06 6.42052e+06 6.51991e+06 6.51932e+06 6.43011e+06 6.42616e+06 6.5314e+06 6.52592e+06 6.41912e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

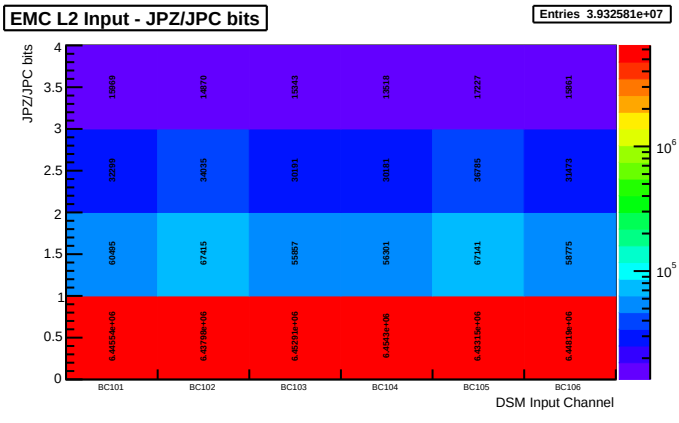

Endcap EMC L1 Input - HT.TP Diff
Entries 1745
HT.TP Diff
7
1651
87
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

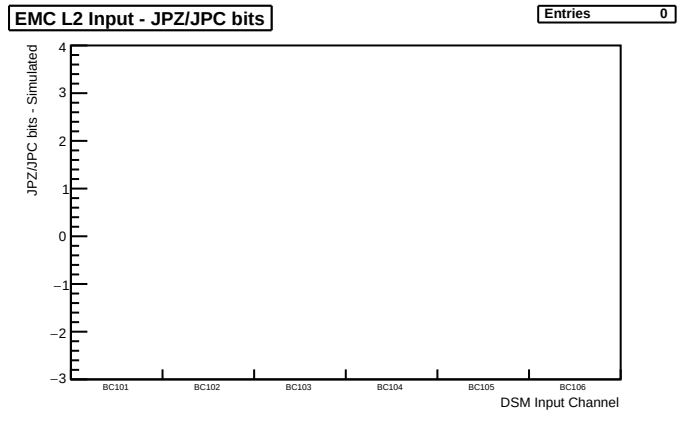

EMC L2 Input - JPX/JPA bits
Entries 3.932581e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13608
14001
13463
11635
14547
11366
27446
27146
27211
23918
28429
24651
50536
51731
49248
43937
51447
49230
6.44269e+06
6.46134e+06
6.46438e+06
6.47481e+06
6.45998e+06
6.47416e+06

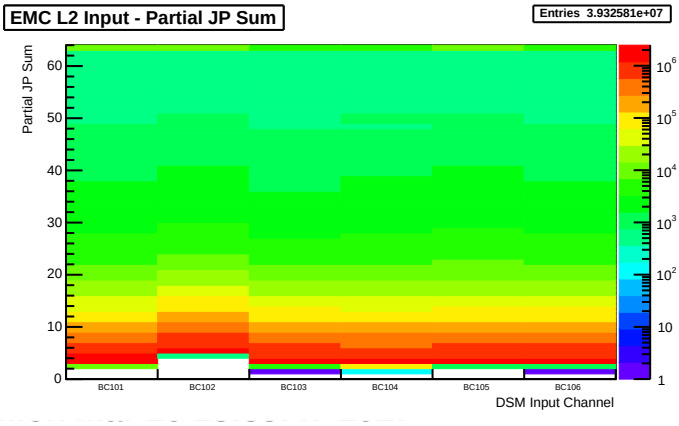

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

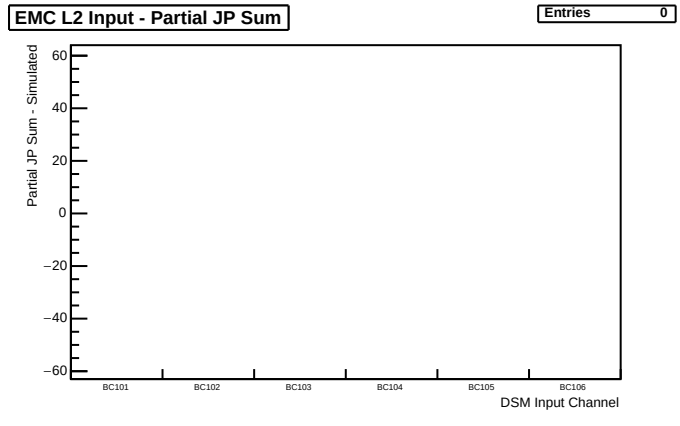

EMC L2 Input - JPY/JPB bits
Entries 3.932581e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14441
11143
14001
10765
14420
13546
31636
27799
30153
25973
32984
29852
59472
53138
55334
48296
60517
58832
6.44975e+06
6.46222e+06
6.45481e+06
6.46927e+06
6.44638e+06
6.45192e+06

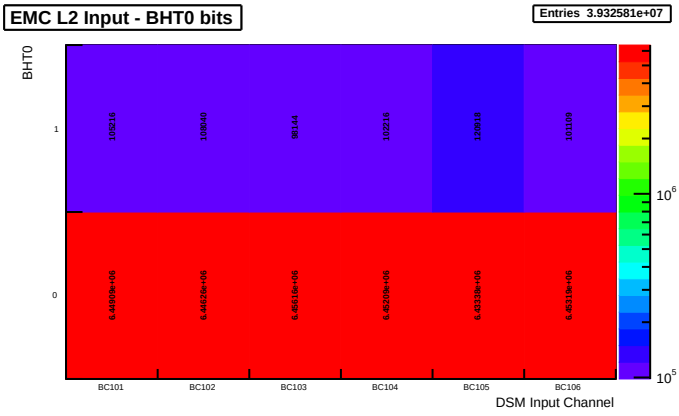

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

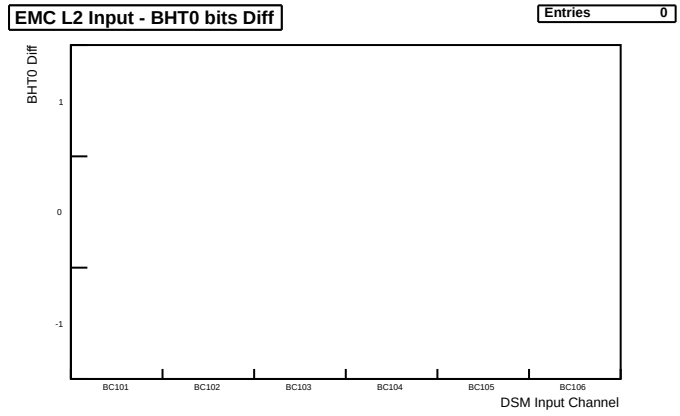

EMC L2 Input - JPZ/JPC bits
Entries 3.932581e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15859
14870
15343
13518
17227
15861
32259
34035
30191
30181
36785
31473
60495
67415
55857
56301
67141
58775
6.44534e+06
6.43798e+06
6.45291e+06
6.4543e+06
6.43315e+06
6.44919e+06

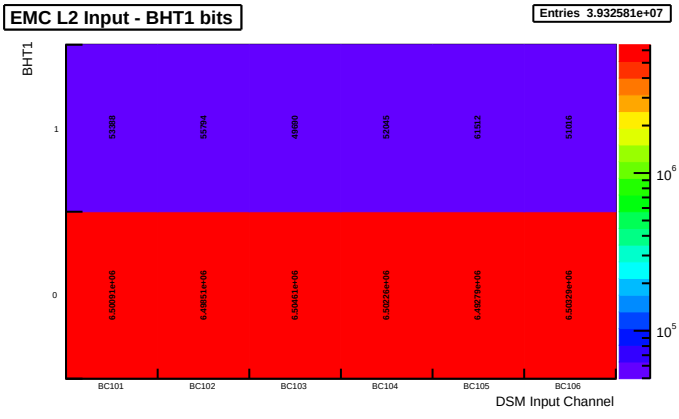

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

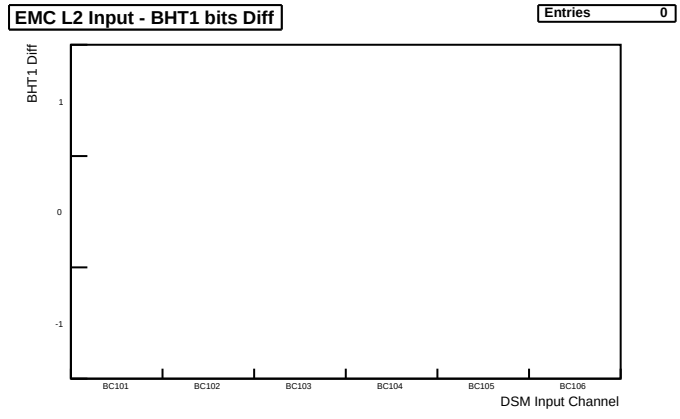

EMC L2 Input - Partial JP Sum
Entries 3.932581e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

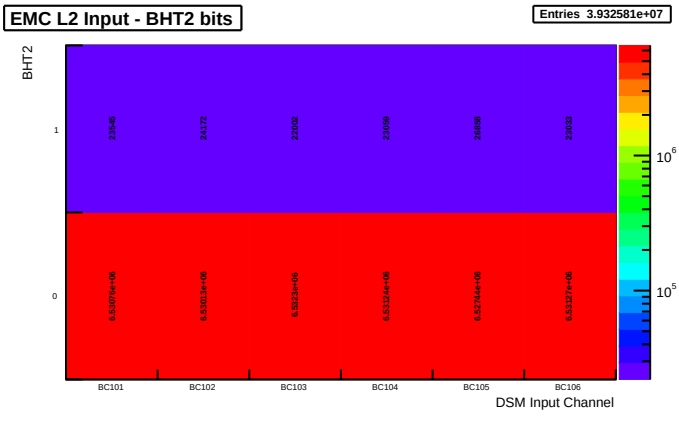

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

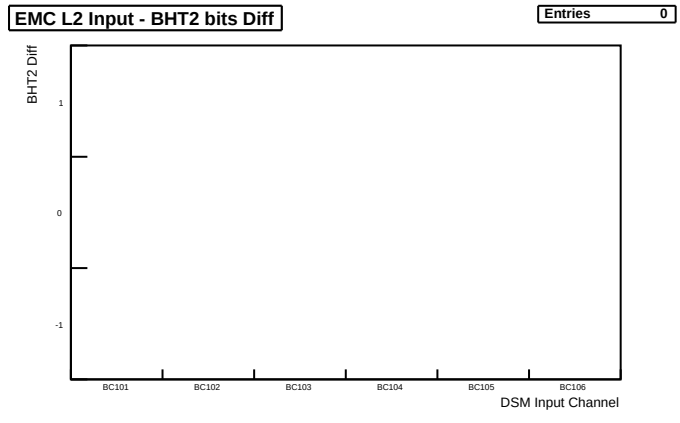

EMC L2 Input - BHT0 bits
Entries 3.932581e+07
BHT0
1
0
105216
108940
98144
102216
120918
101109
6.44909e+06
6.44626e+06
6.45619e+06
6.45209e+06
6.43338e+06
6.45319e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

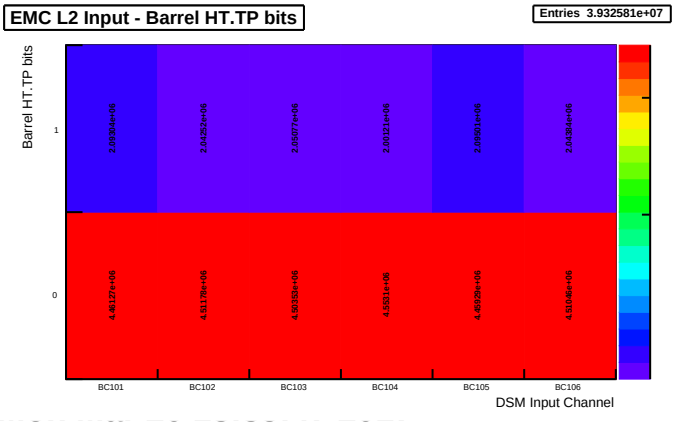

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

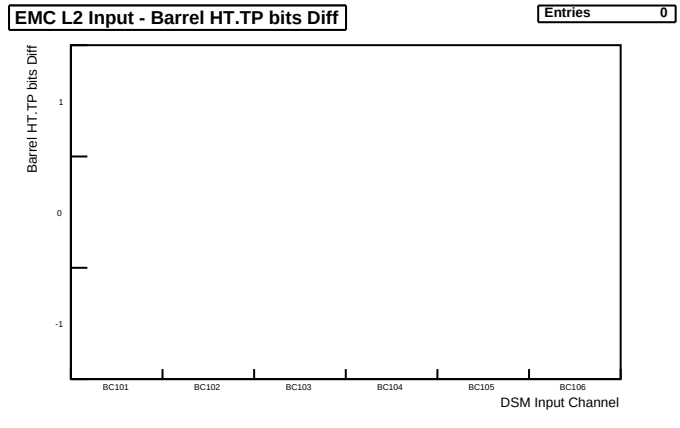

EMC L2 Input - BHT1 bits
Entries 3.932581e+07
BHT1
1
0
53888
55794
49690
52045
61512
51016
6.50091e+06
6.49851e+06
6.50461e+06
6.50226e+06
6.49279e+06
6.50029e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

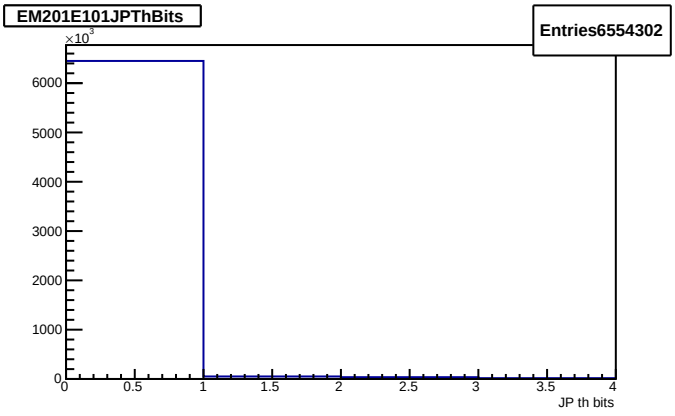

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

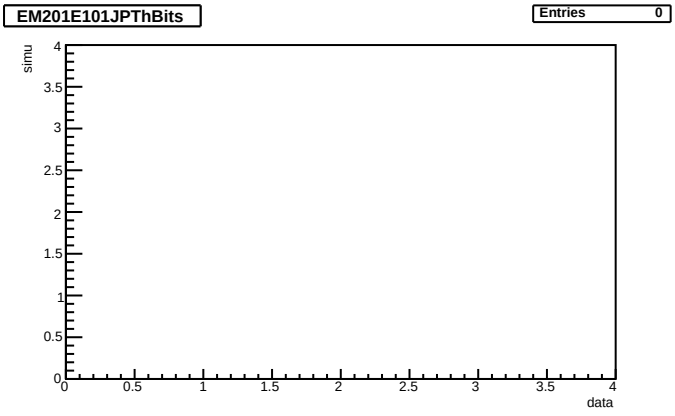

EMC L2 Input - BHT2 bits
Entries 3.932581e+07
BHT2
1
0
23545
24172
22002
23059
26938
23033
6.53076e+06
6.53013e+06
6.5323e+06
6.53124e+06
6.52744e+06
6.53127e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

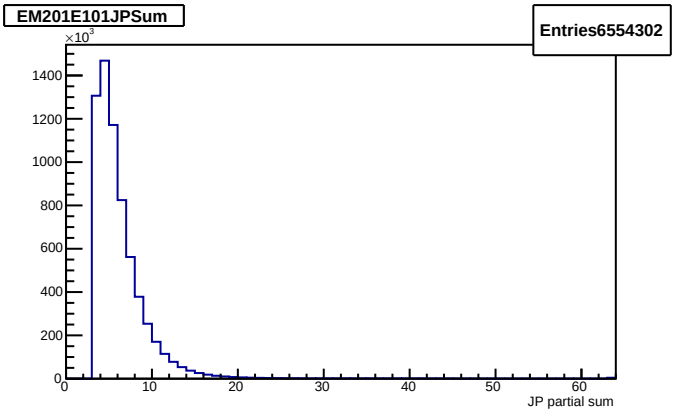

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

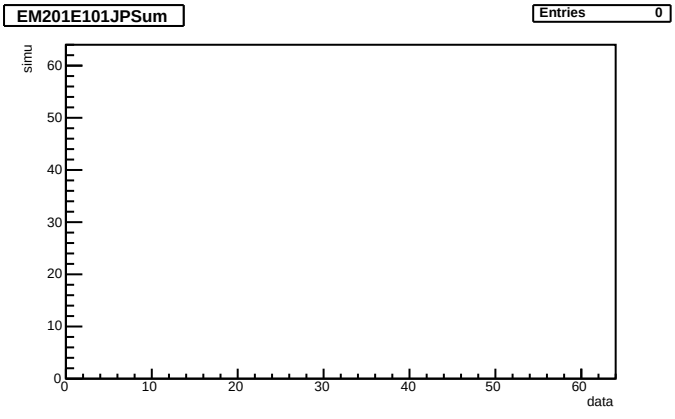

EMC L2 Input - Barrel HT.TP bits
Entries 3.932581e+07
Barrel HT.TP bits
1
0
2.03504e+06
2.04253e+06
2.05077e+06
2.00121e+06
2.05501e+06
2.04384e+06
4.48127e+06
4.51178e+06
4.50353e+06
4.5331e+06
4.45929e+06
4.51062e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

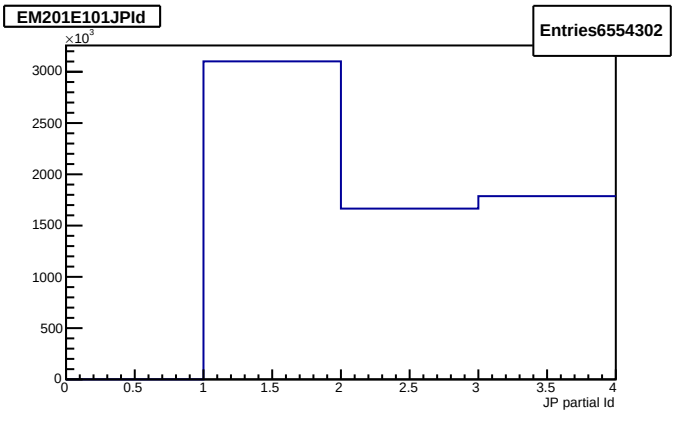

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

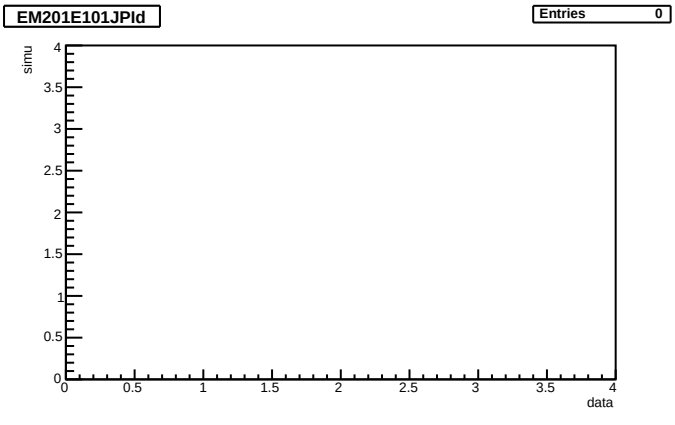

EM201E101JPThBits
Entries6554302
×10^3
JP th bits

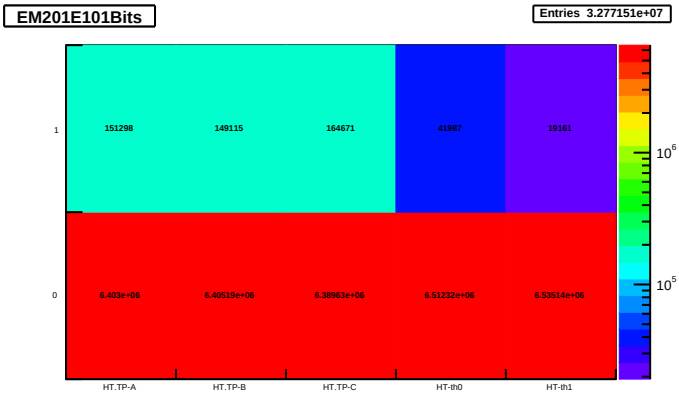

EM201E101JPThBits
Entries 0
simu
data

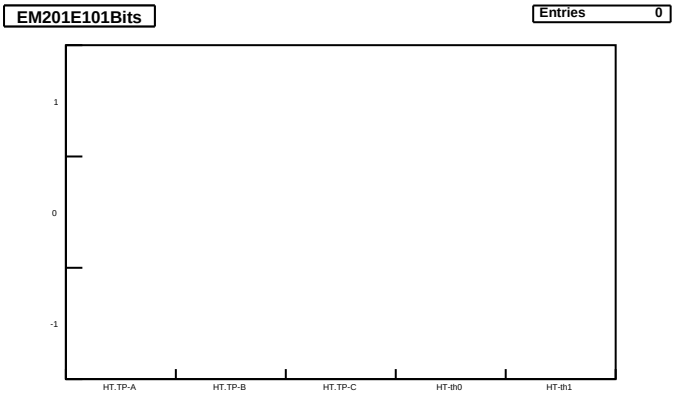

EM201E101JPSum
Entries6554302
×10^3
JP partial sum

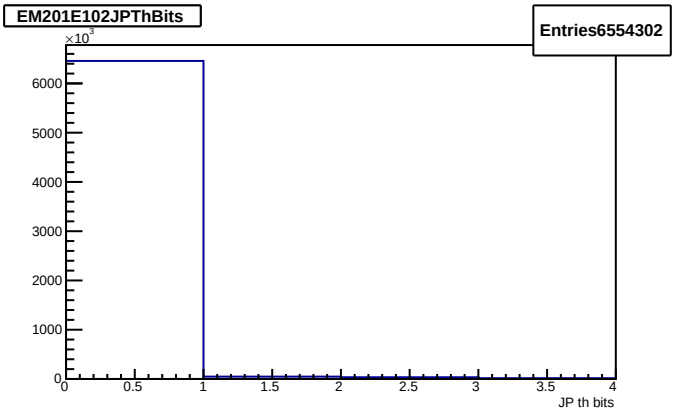

EM201E101JPSum
Entries 0
simu
data

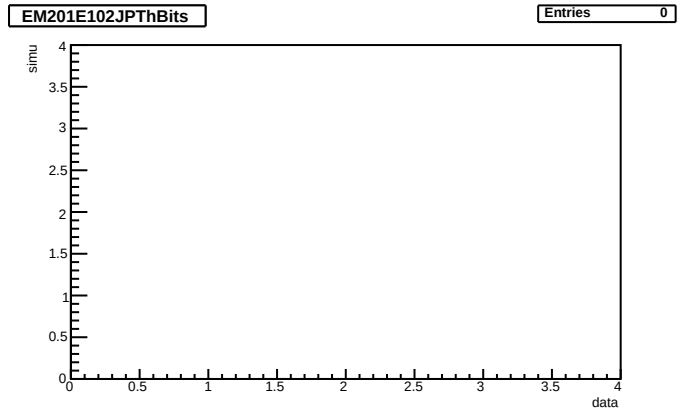

EM201E101JPId
Entries6554302
×10^3
JP partial Id

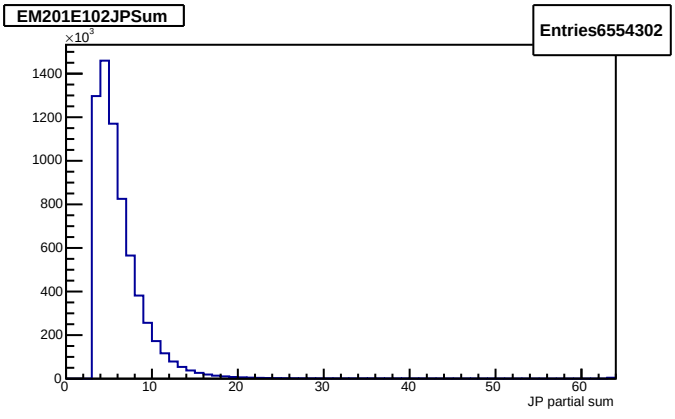

EM201E101JPId
Entries 0
simu
data

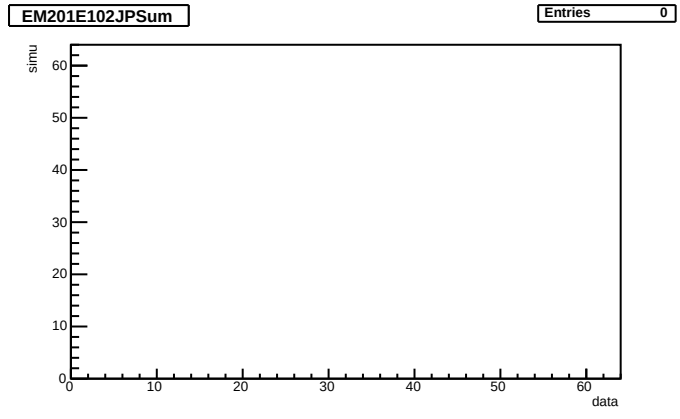

EM201E101Bits
Entries 3.277151e+07
151298
149115
164671
41987
19161
6.403e+06
6.40519e+06
6.38963e+06
6.51232e+06
6.53514e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

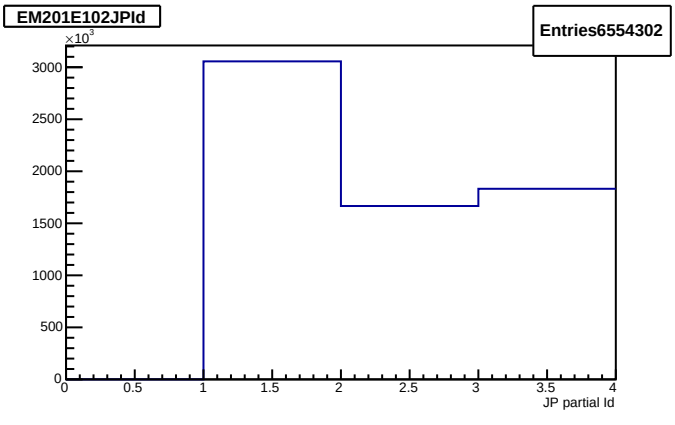

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

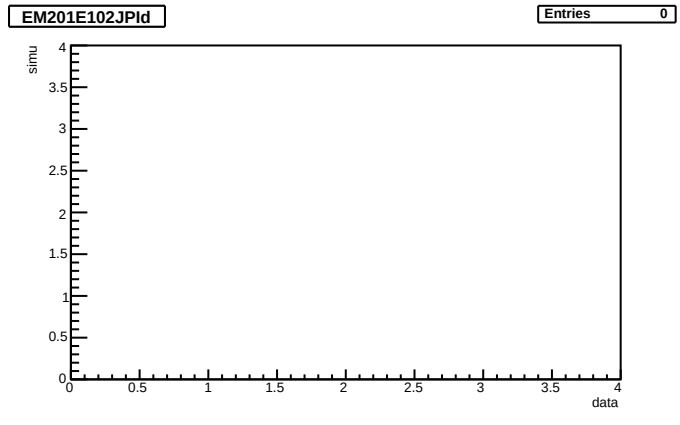

EM201E102JPThBits
Entries6554302
×10^3
JP th bits

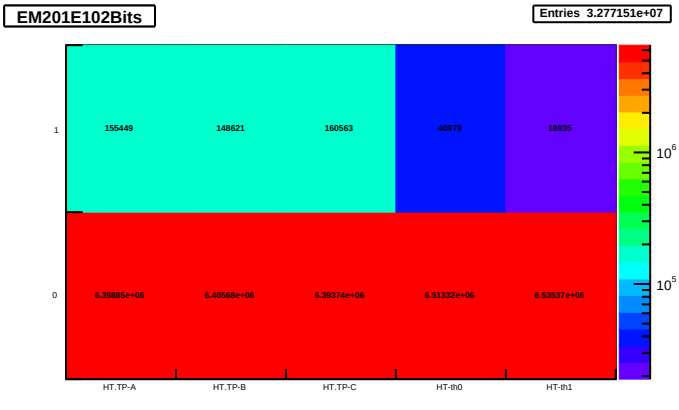

EM201E102JPThBits
Entries 0
simu
data

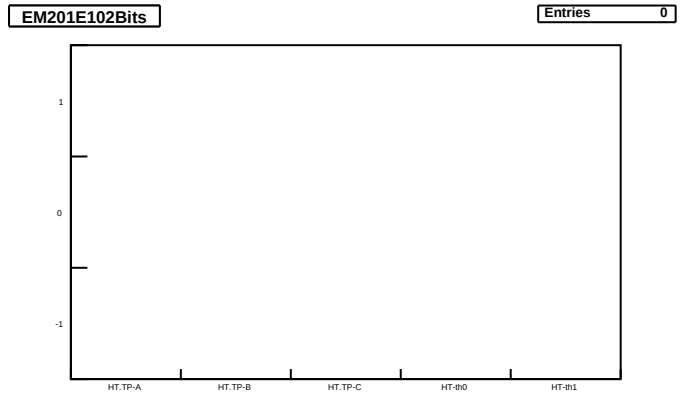

EM201E102JPSum
Entries6554302
×10^3
JP partial sum

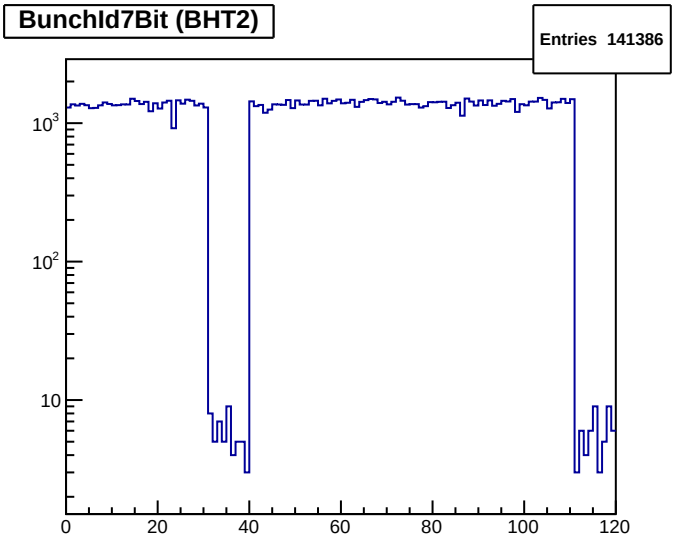

EM201E102JPSum
Entries 0
simu
data

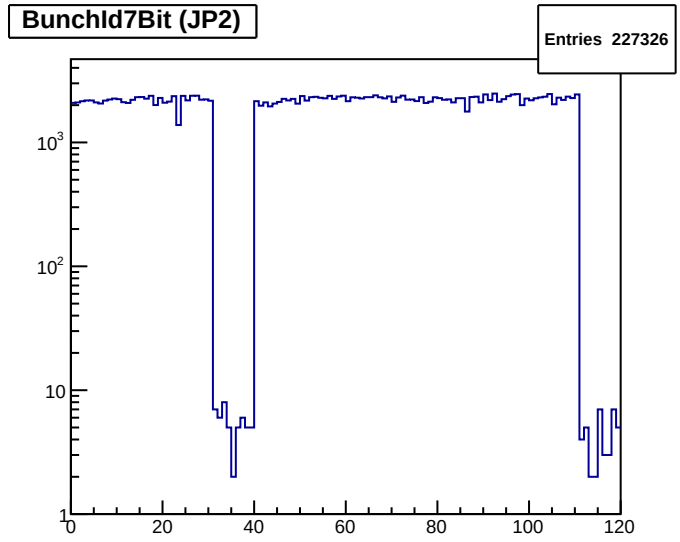

EM201E102JPId
Entries6554302
×10^3
JP partial Id

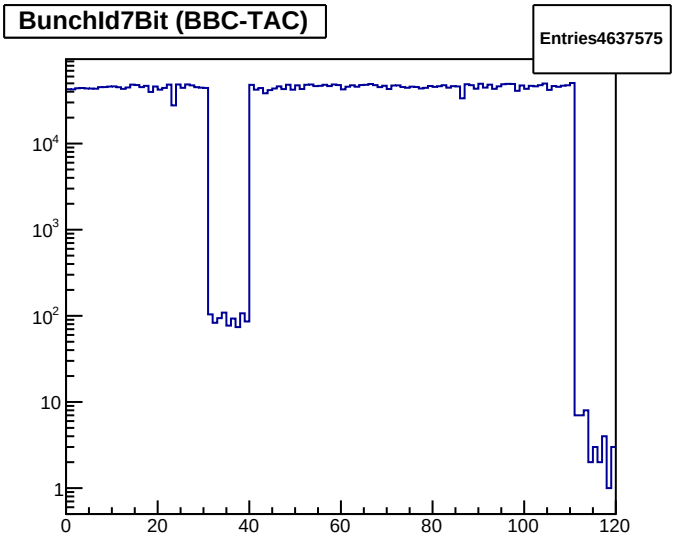

EM201E102JPId
Entries 0
simu
data

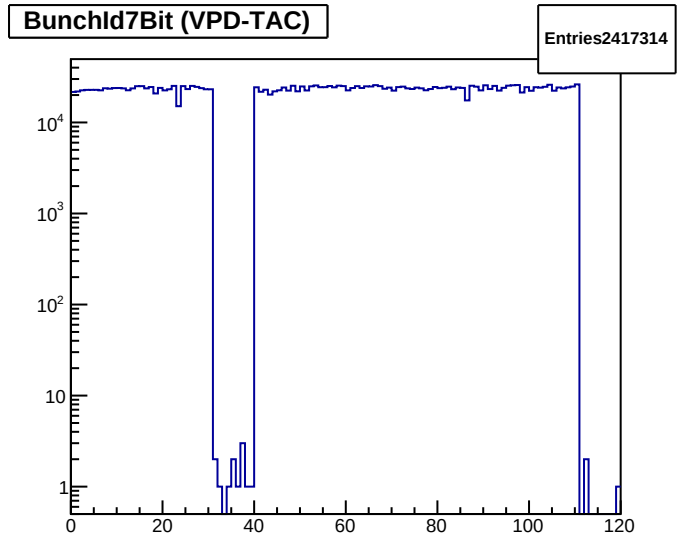

EM201E102Bits
Entries 3.277151e+07
155449
148621
160563
40979
18935
6.39885e+06
6.40568e+06
6.39374e+06
6.51332e+06
6.53537e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

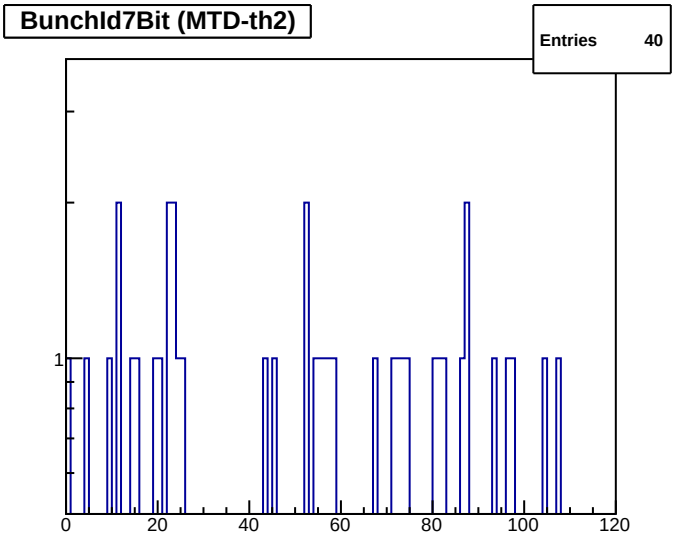

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

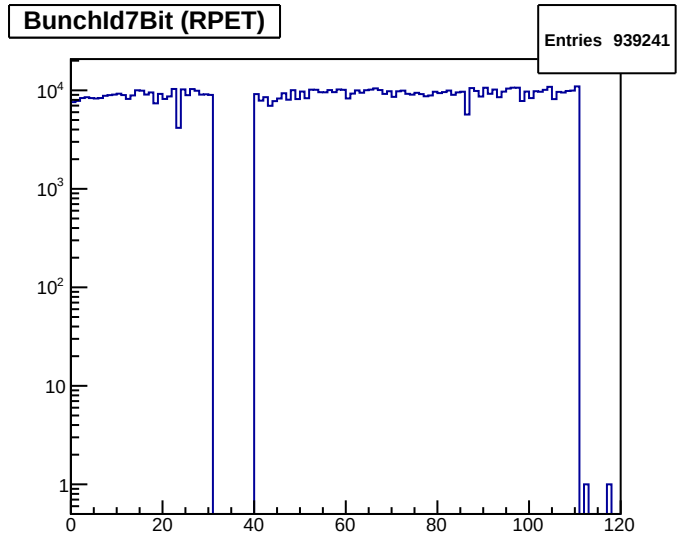

BunchId7Bit (BHT2)
Entries 141386

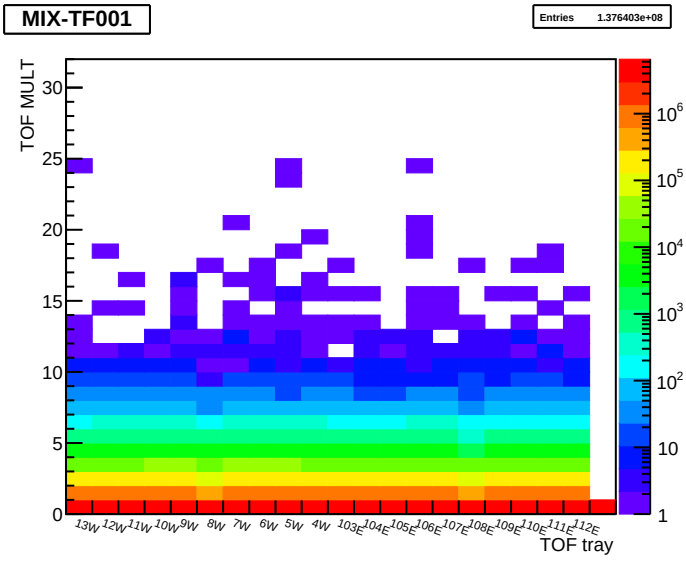

BunchId7Bit (JP2)
Entries 227326

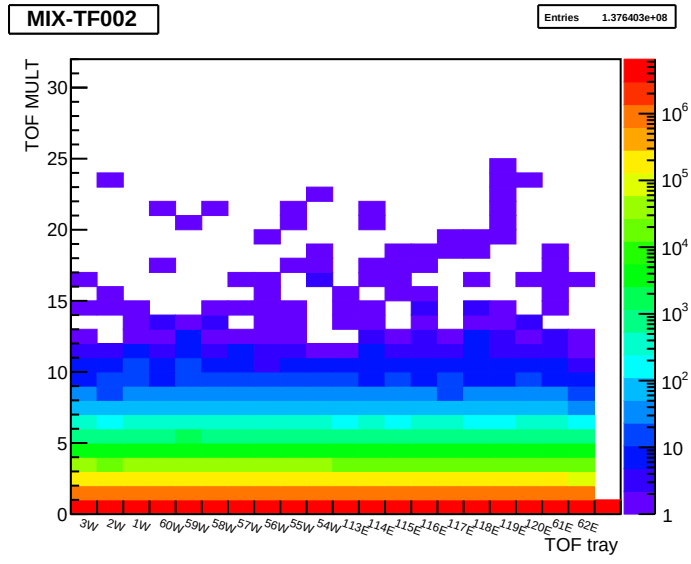

BunchId7Bit (BBC-TAC)
Entries4637575

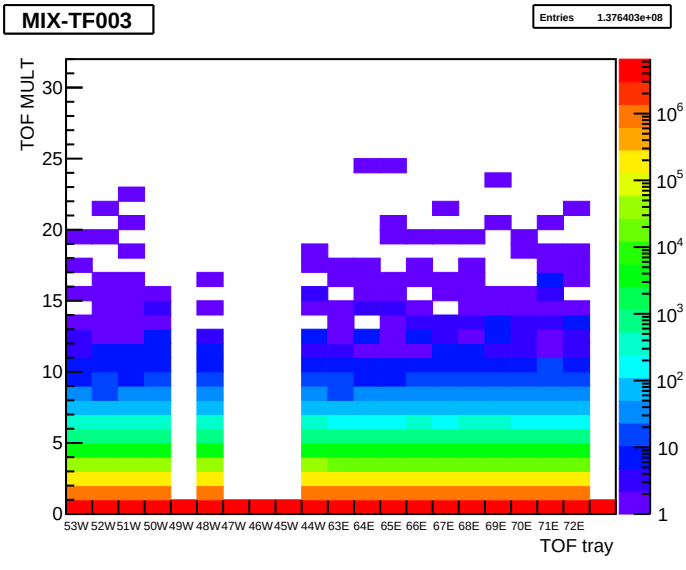

BunchId7Bit (VPD-TAC)
Entries2417314

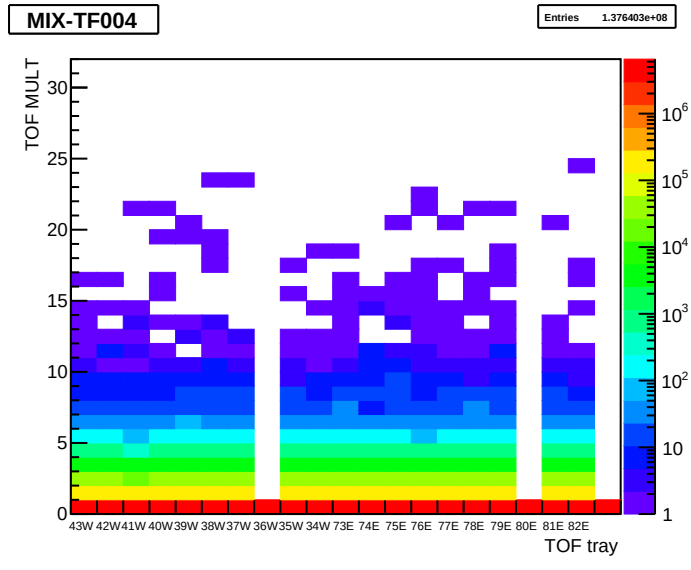

BunchId7Bit (MTD-th2)
Entries 40

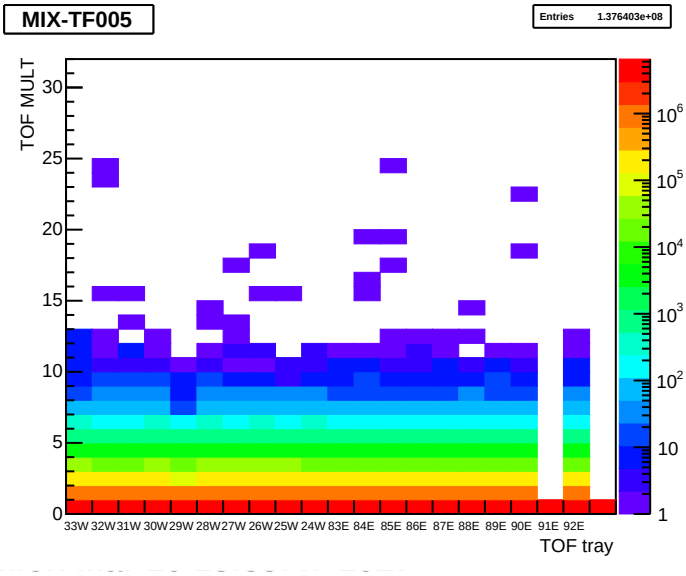

BunchId7Bit (RPET)
Entries 939241

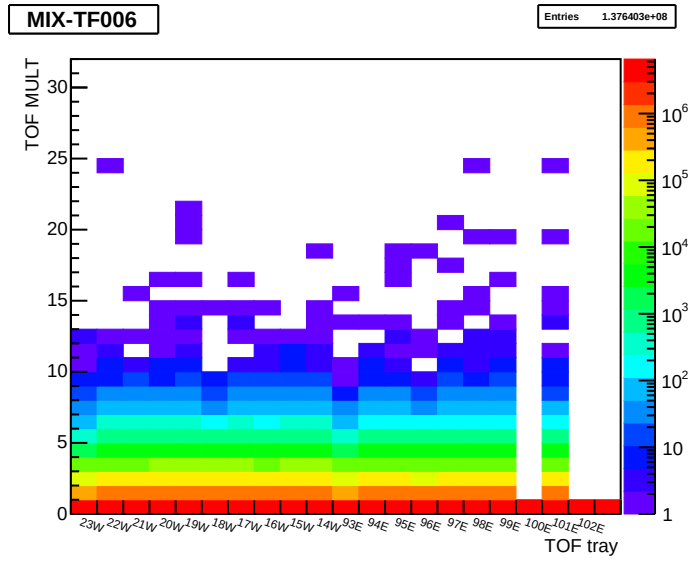

MIX-TF001
Entries 1.376403e+08
TOF MULT
TOF tray

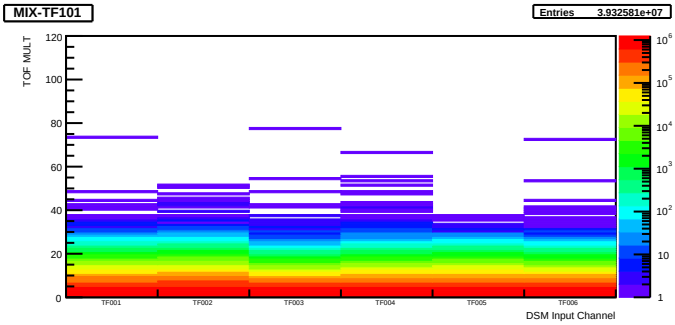

MIX-TF002
Entries 1.376403e+08
TOF MULT
TOF tray

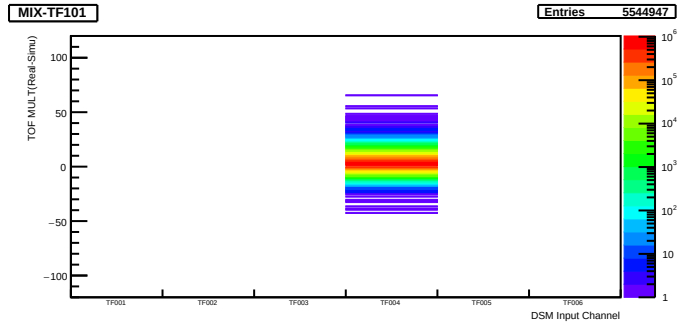

MIX-TF003
Entries 1.376403e+08
TOF MULT
TOF tray

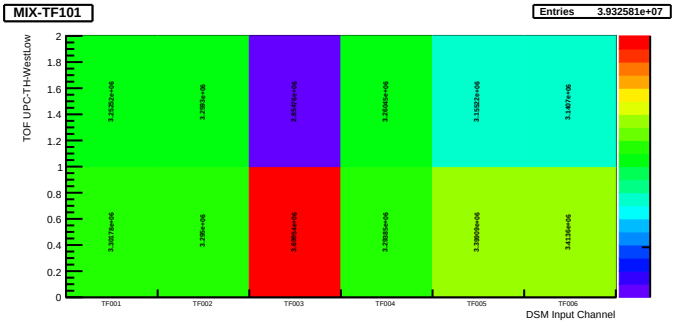

MIX-TF004
Entries 1.376403e+08
TOF MULT
TOF tray

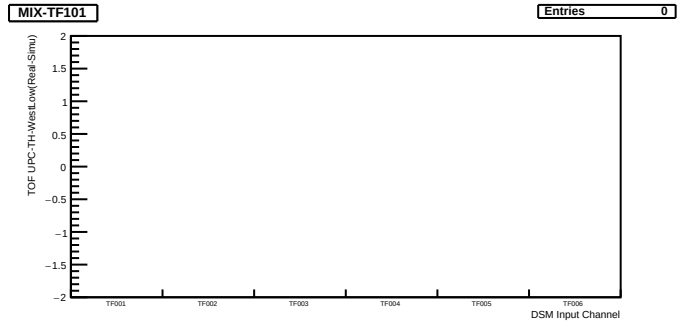

MIX-TF005
Entries 1.376403e+08
TOF MULT
TOF tray

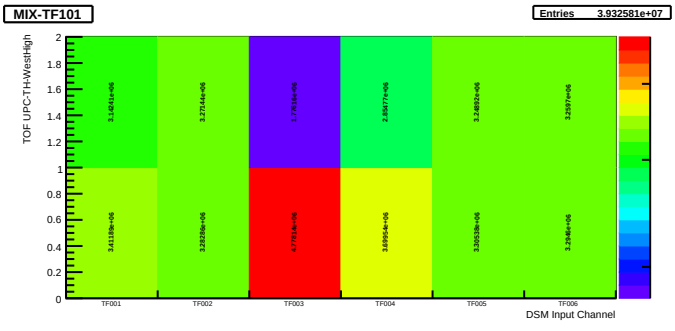

MIX-TF006
Entries 1.376403e+08
TOF MULT
TOF tray

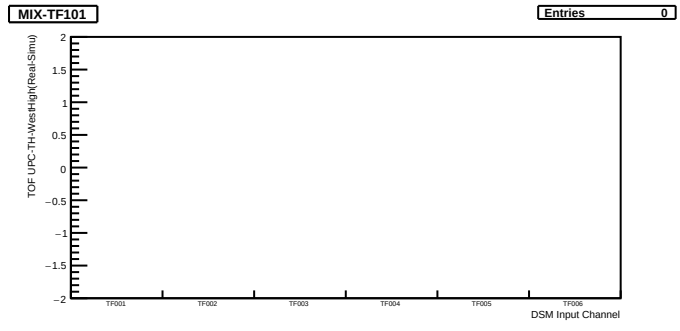

MIX-TF101
Entries 3.932581e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

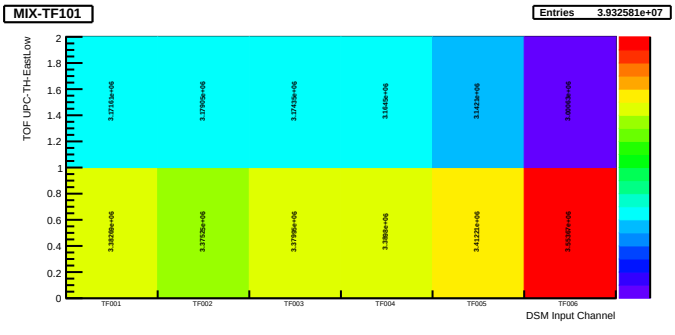

MIX-TF101
Entries 5544947
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

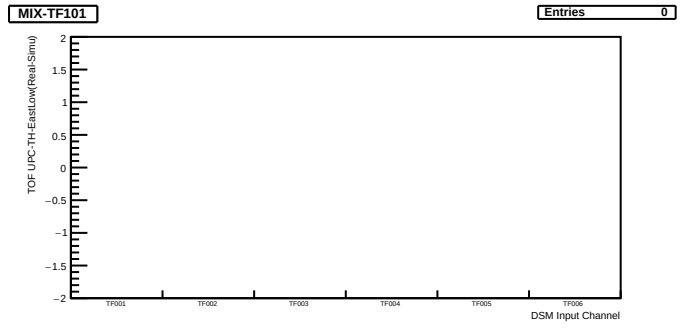

MIX-TF101
Entries 3.932581e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

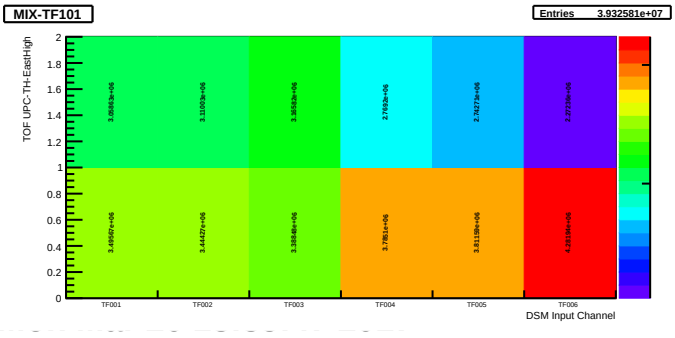

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

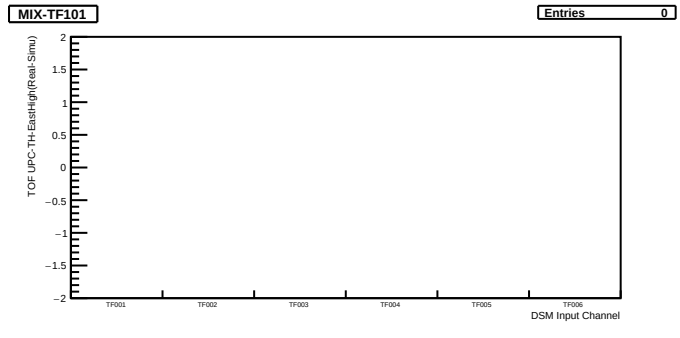

MIX-TF101
Entries 3.932581e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

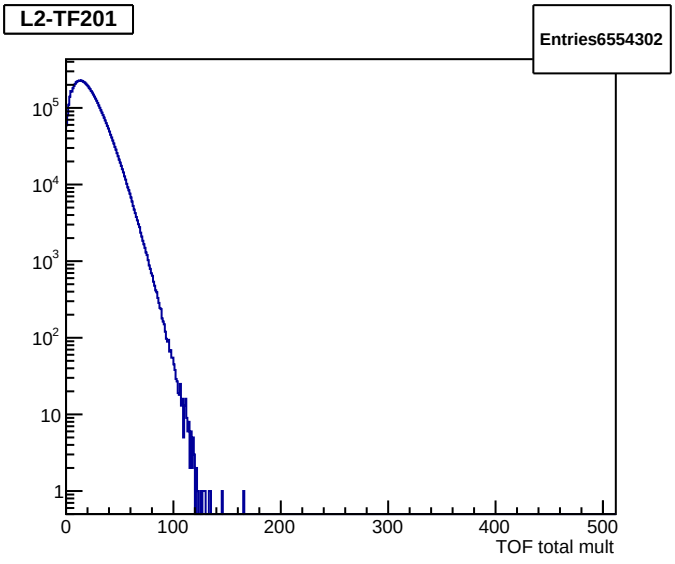

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

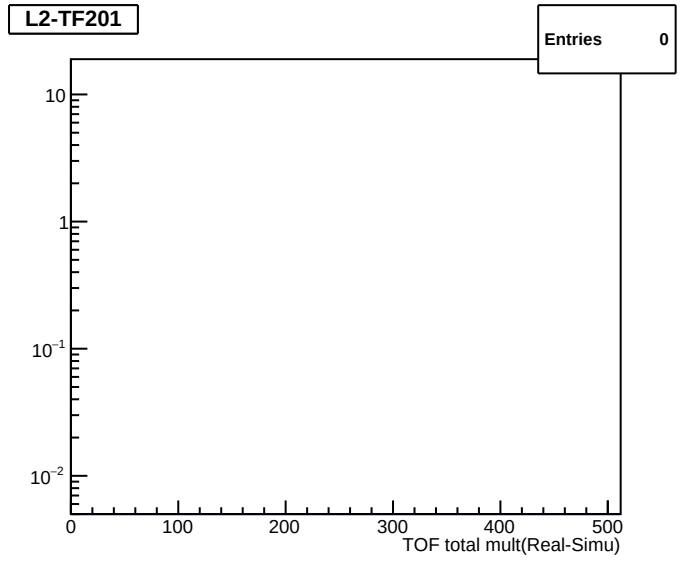

MIX-TF101
Entries 3.932581e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

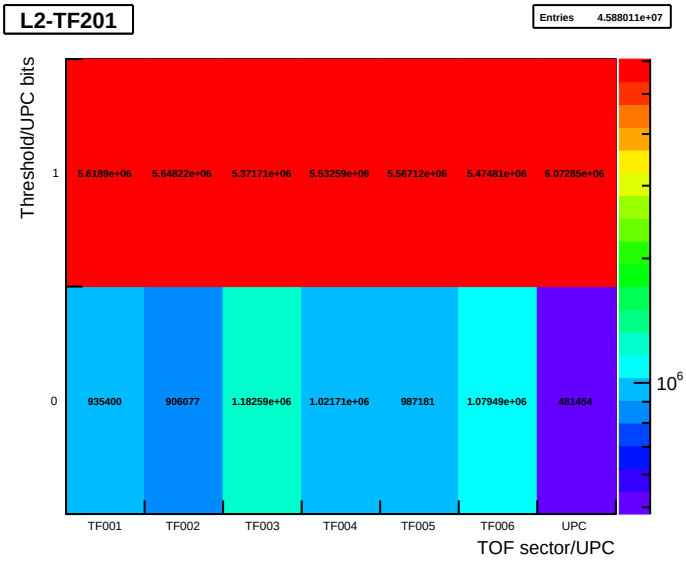

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

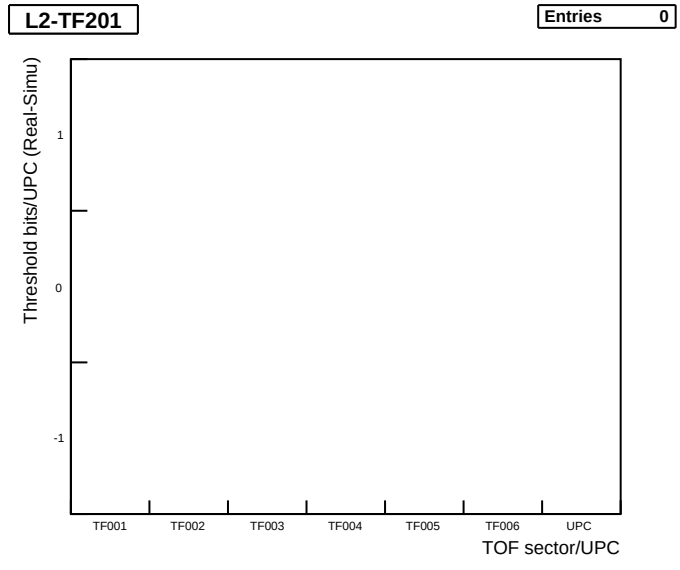

MIX-TF101
Entries 3.932581e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

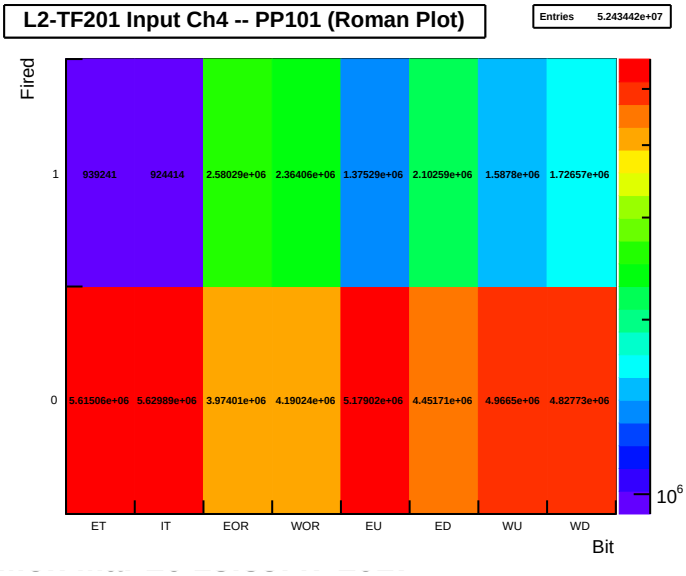

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

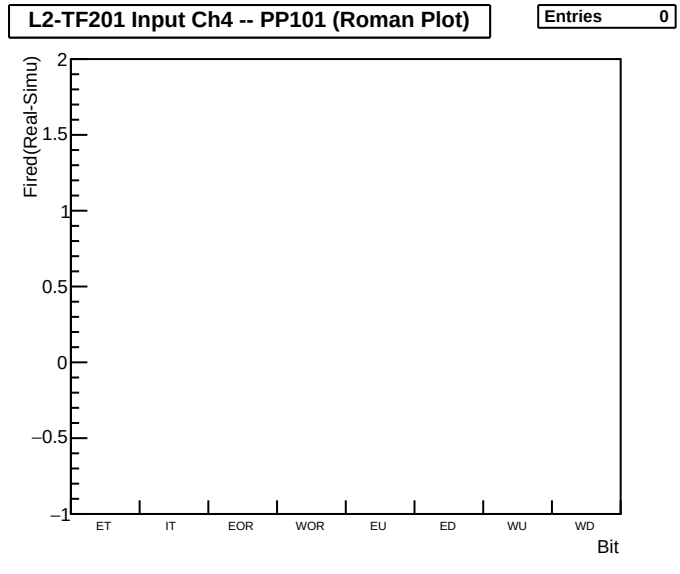

L2-TF201
Entries6554302
TOF total mult

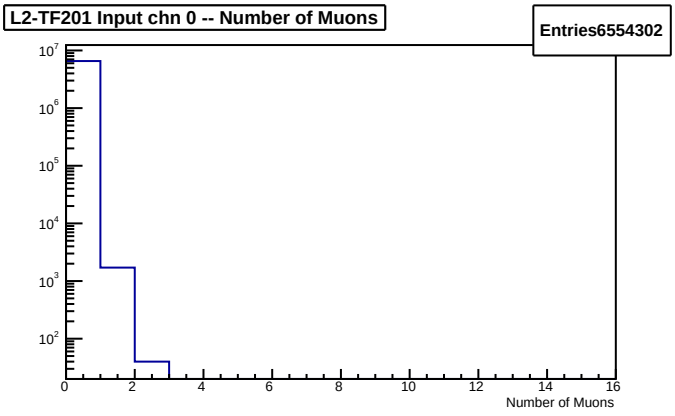

L2-TF201
Entries 0
TOF total mult(Real-Simu)

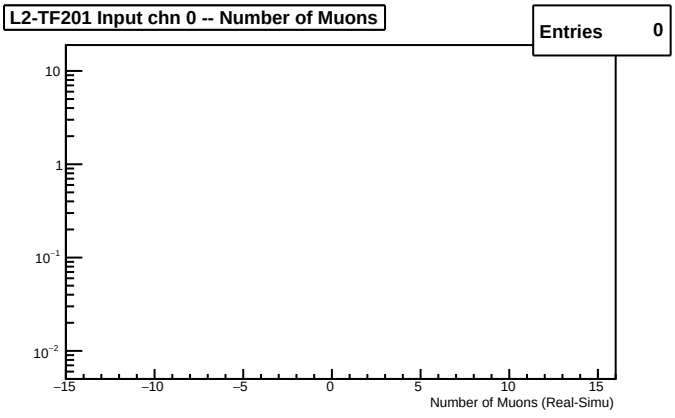

L2-TF201
Entries 4.588011e+07
Threshold/UPC bits
5.6189e+06
5.64822e+06
5.37171e+06
5.53259e+06
5.56712e+06
5.47481e+06
6.07285e+06
935400
906077
1.18259e+06
1.02171e+06
987181
1.07949e+06
481454
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

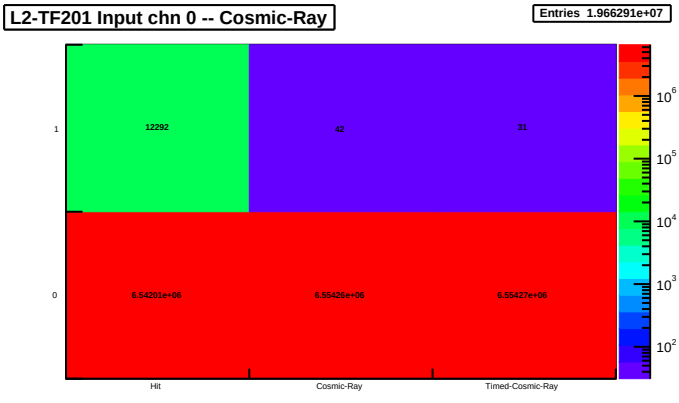

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

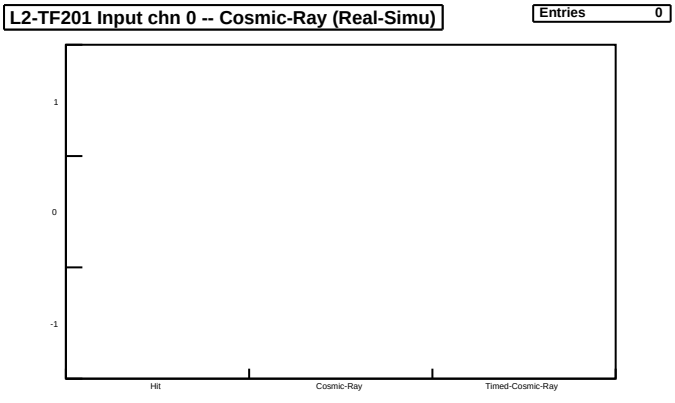

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.243442e+07
Fired
939241
924414
2.58029e+06
2.36406e+06
1.37529e+06
2.10259e+06
1.5878e+06
1.72657e+06
5.61506e+06
5.62989e+06
3.97401e+06
4.19024e+06
5.17902e+06
4.45171e+06
4.9665e+06
4.82773e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

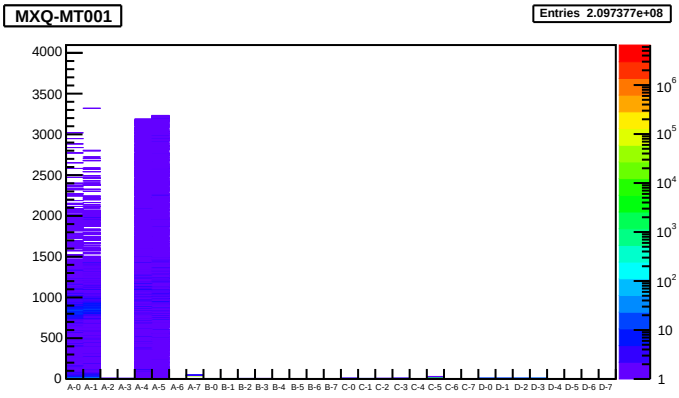

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

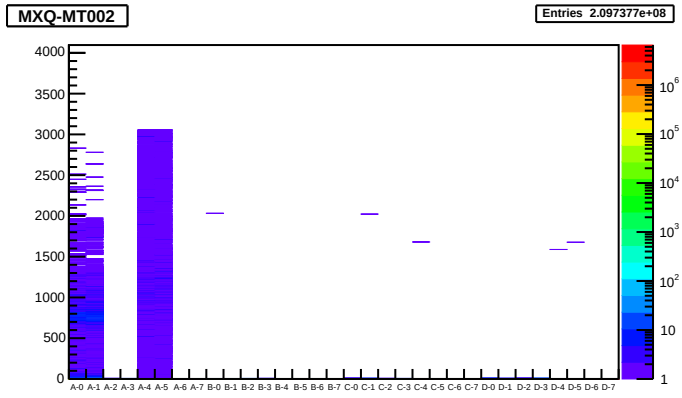

L2-TF201 Input chn 0 -- Number of Muons
Entries6554302
Number of Muons

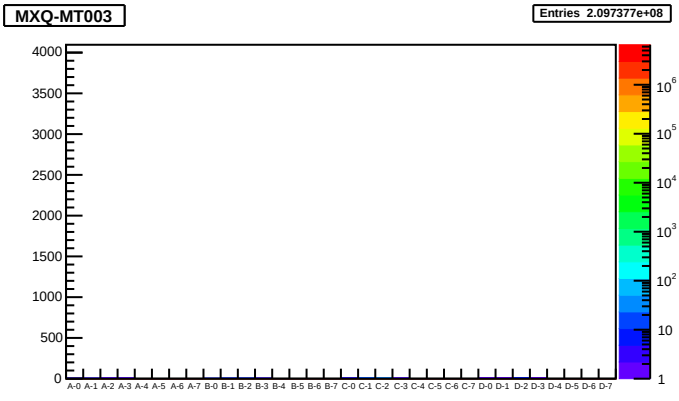

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

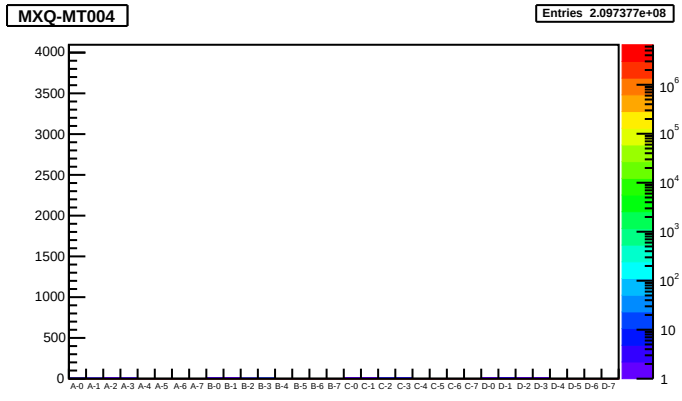

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.966291e+07
12292
42
31
6.54201e+06
6.55426e+06
6.55427e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

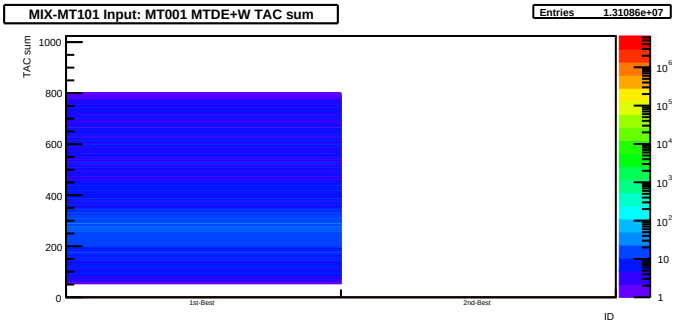

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

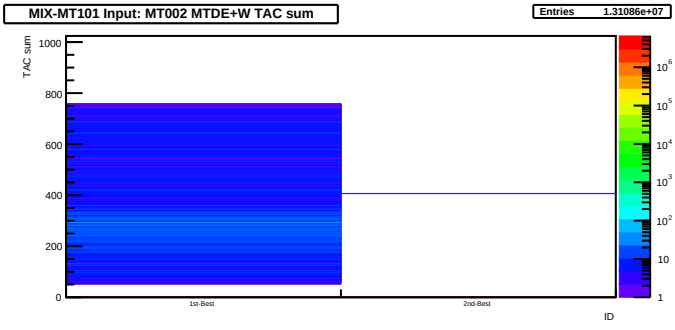

MXQ-MT001
Entries 2.097377e+08

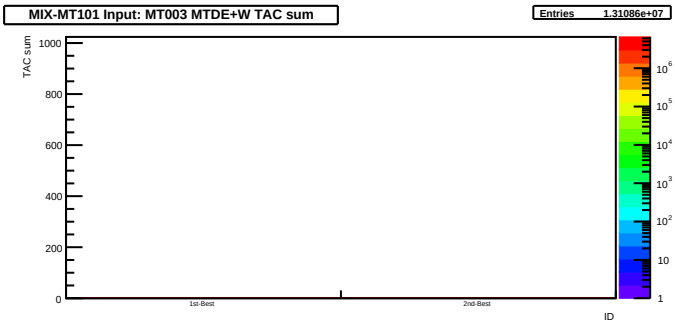

MXQ-MT002
Entries 2.097377e+08

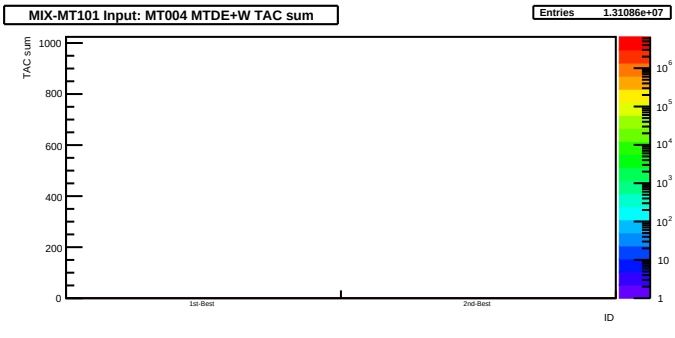

MXQ-MT003
Entries 2.097377e+08

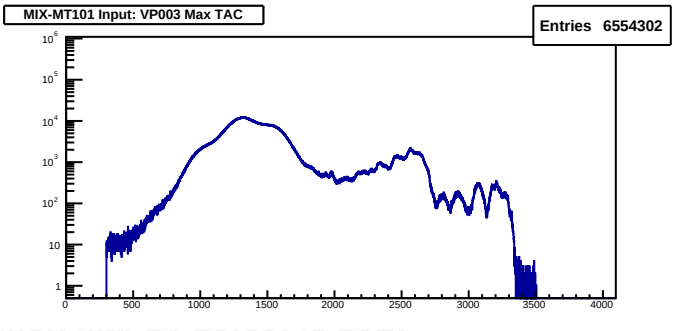

MXQ-MT004
Entries 2.097377e+08

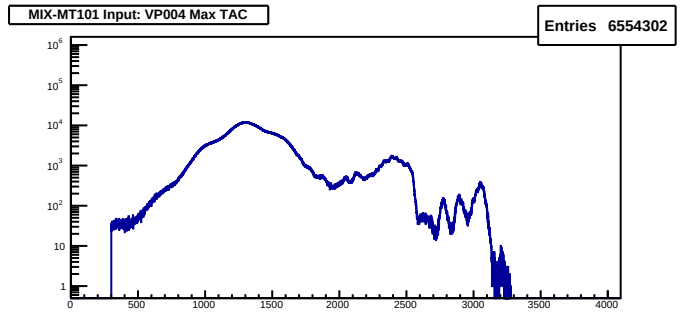

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.31086e+07
TAC sum
1st-Best
2nd-Best
ID

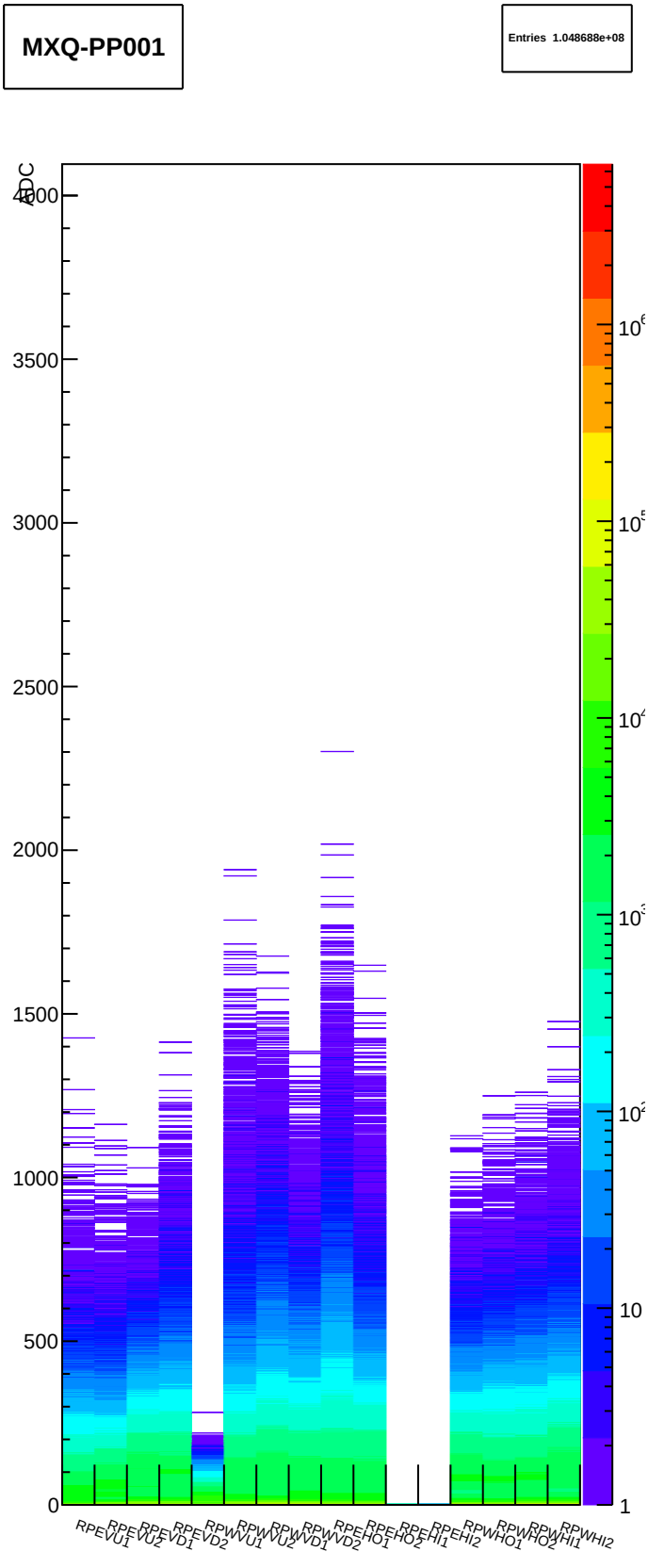

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.31086e+07
TAC sum
1st-Best
2nd-Best
ID

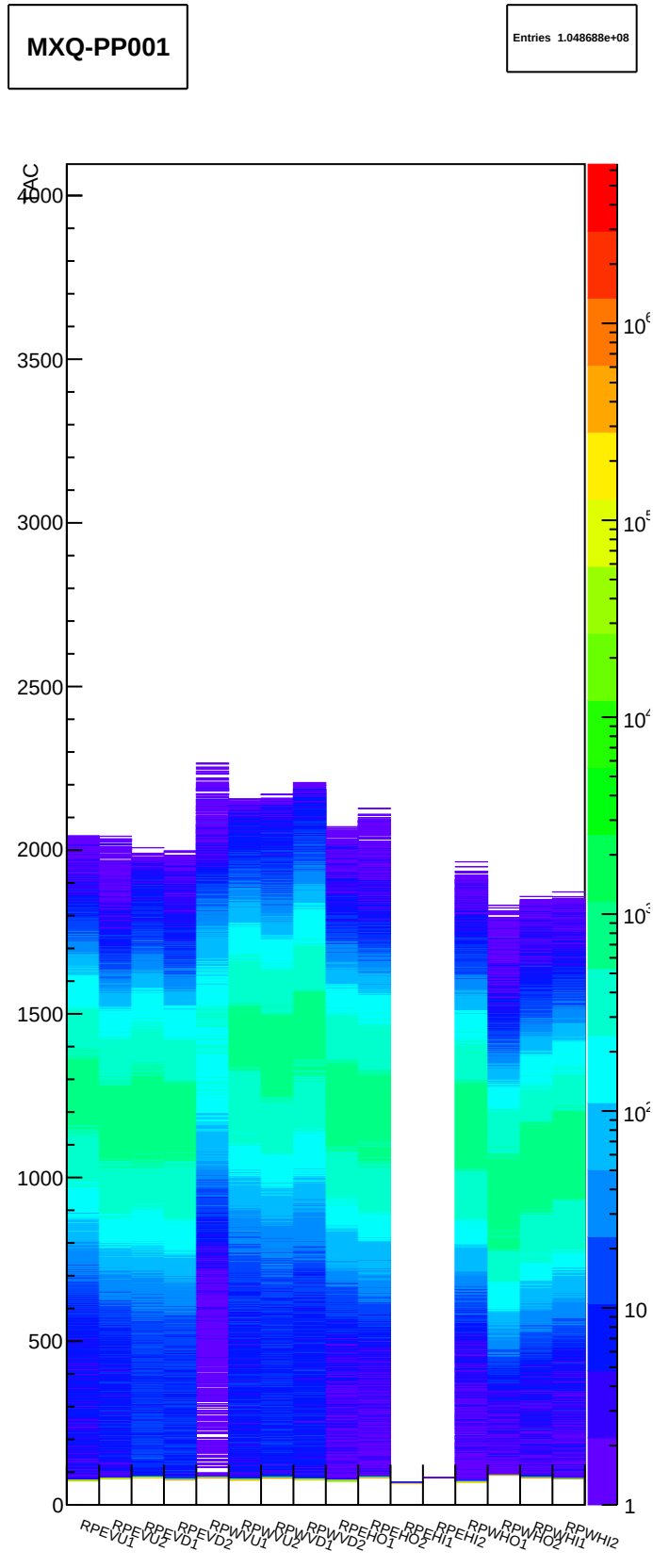

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.31086e+07
TAC sum
1st-Best
2nd-Best
ID

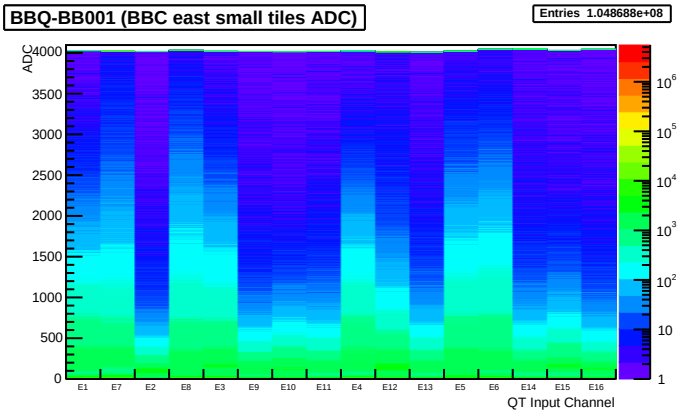

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.31086e+07
TAC sum
1st-Best
2nd-Best
ID

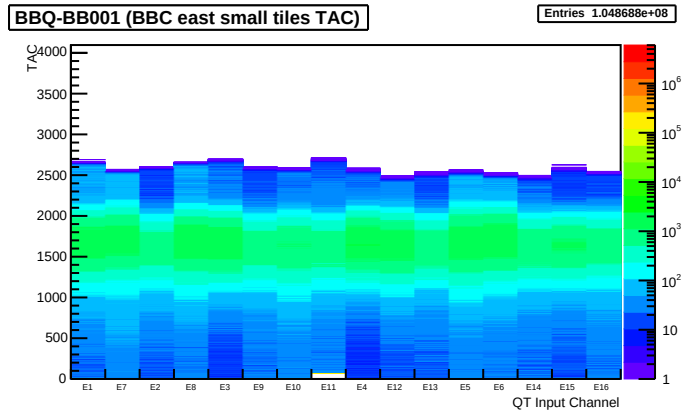

MIX-MT101 Input: VP003 Max TAC
Entries 6554302

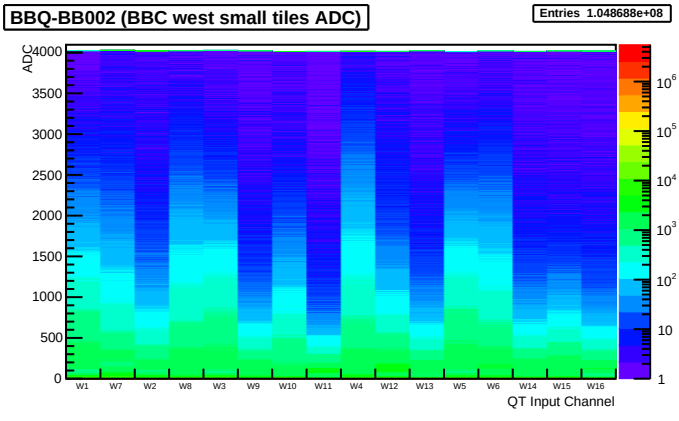

MIX-MT101 Input: VP004 Max TAC
Entries 6554302

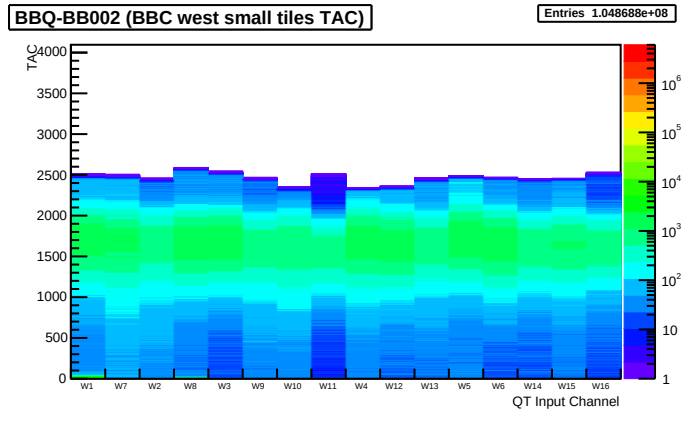

MXQ-PP001
Entries 1.048688e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

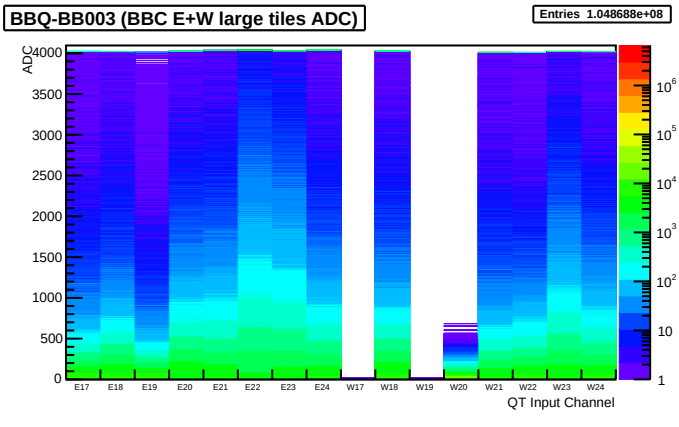

MXQ-PP001
Entries 1.048688e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

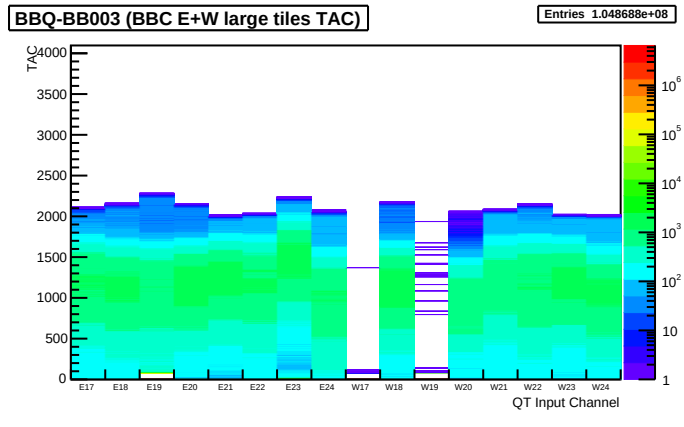

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.048688e+08
ADC
QT Input Channel

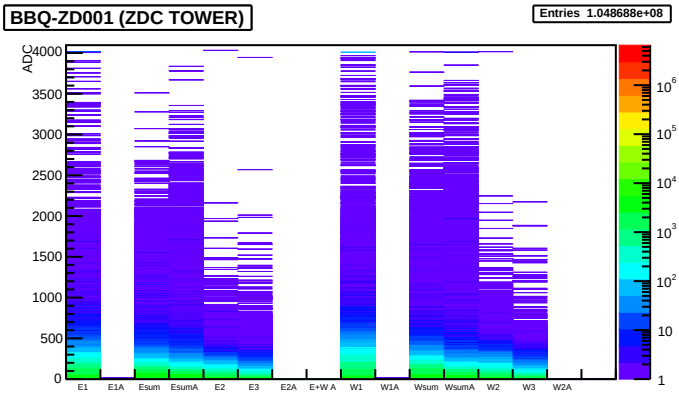

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.048688e+08
TAC
QT Input Channel

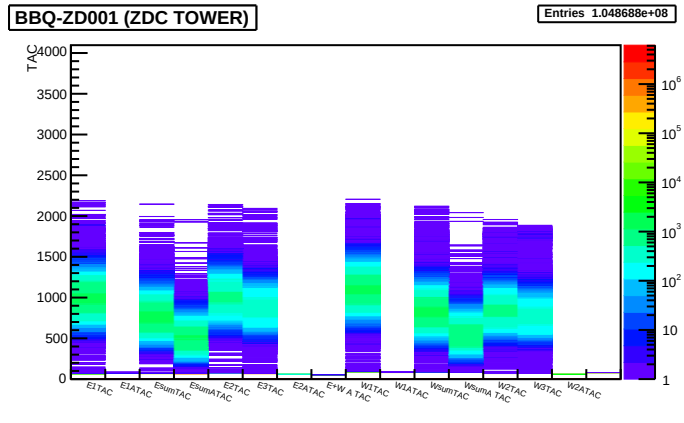

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.048688e+08
ADC
QT Input Channel

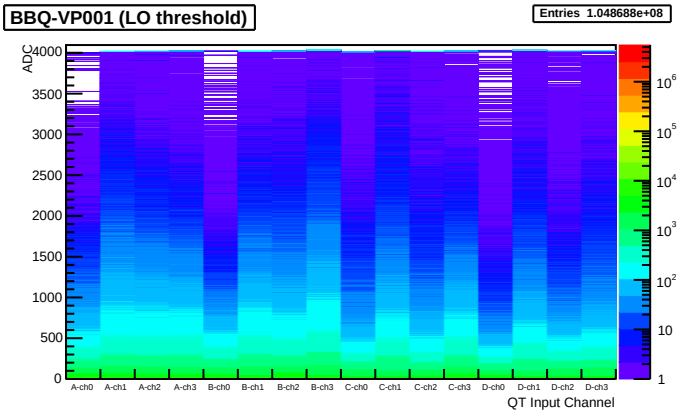

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.048688e+08
TAC
QT Input Channel

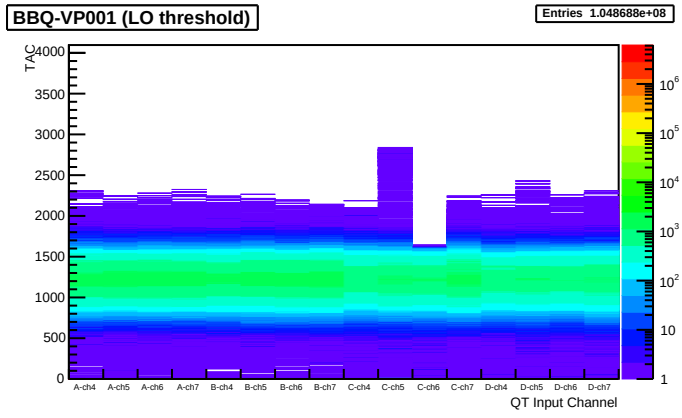

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.048688e+08
ADC
QT Input Channel

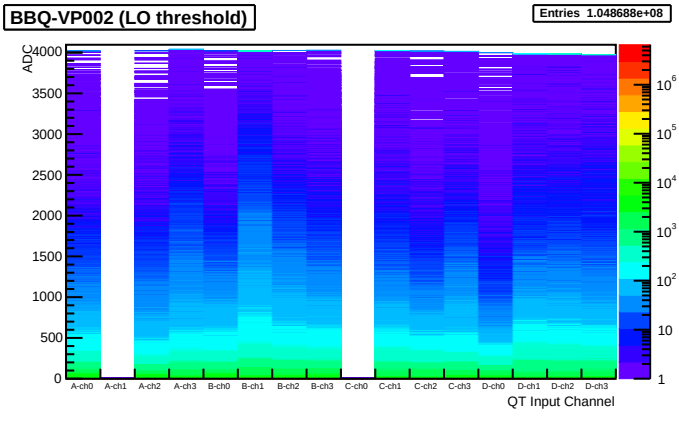

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.048688e+08
TAC
QT Input Channel

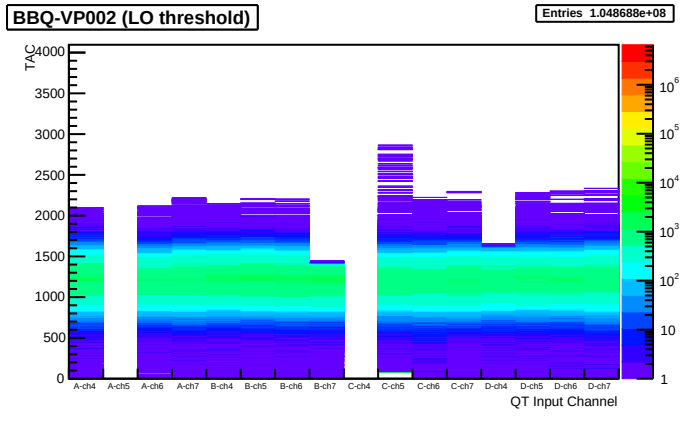

BBQ-ZD001 (ZDC TOWER)
Entries 1.048688e+08
ADC

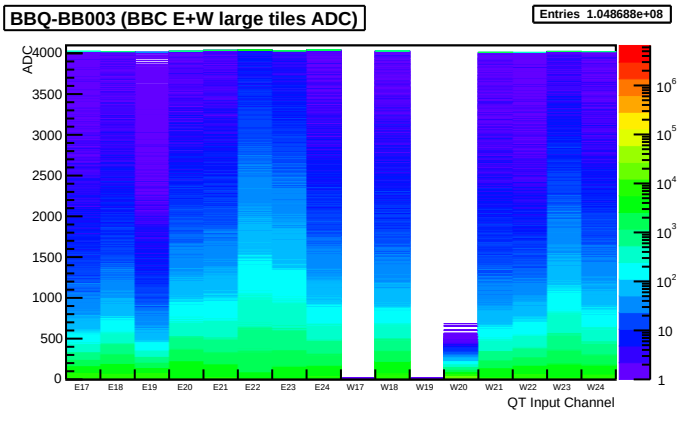

BBQ-ZD001 (ZDC TOWER)
Entries 1.048688e+08
TAC

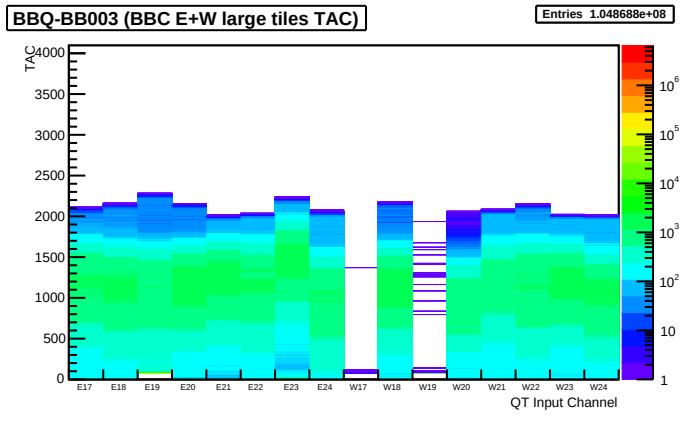

BBQ-VP001 (LO threshold)
Entries 1.048688e+08
ADC
QT Input Channel

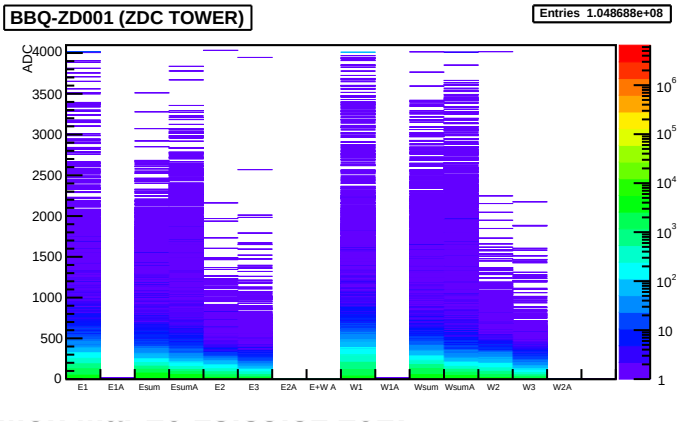

BBQ-VP001 (LO threshold)
Entries 1.048688e+08
TAC
QT Input Channel

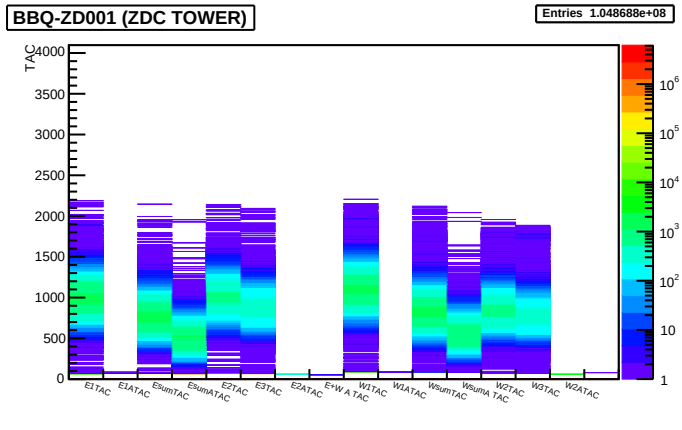

BBQ-VP002 (LO threshold)
Entries 1.048688e+08
ADC
QT Input Channel

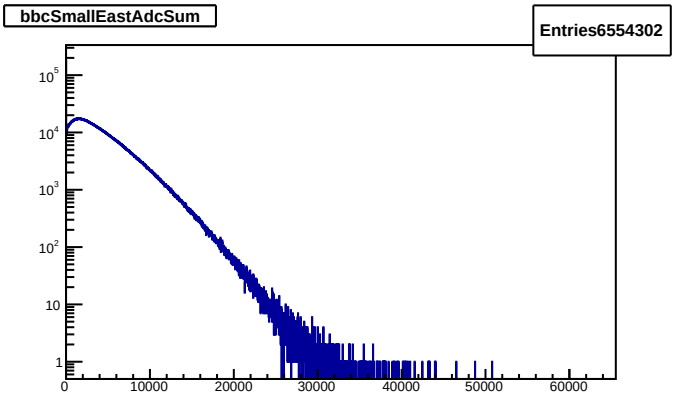

BBQ-VP002 (LO threshold)
Entries 1.048688e+08
TAC
QT Input Channel

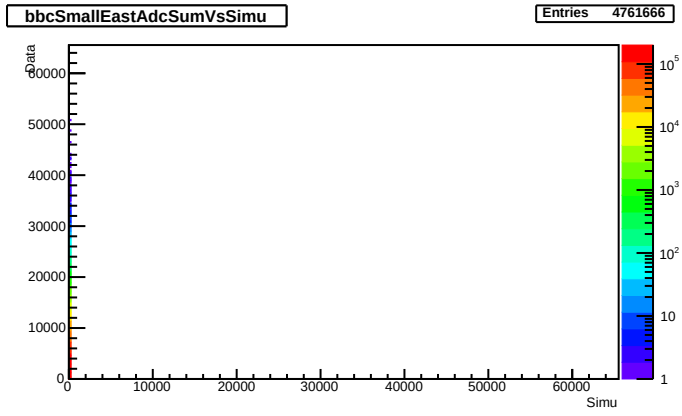

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.048688e+08
ADC
QT Input Channel

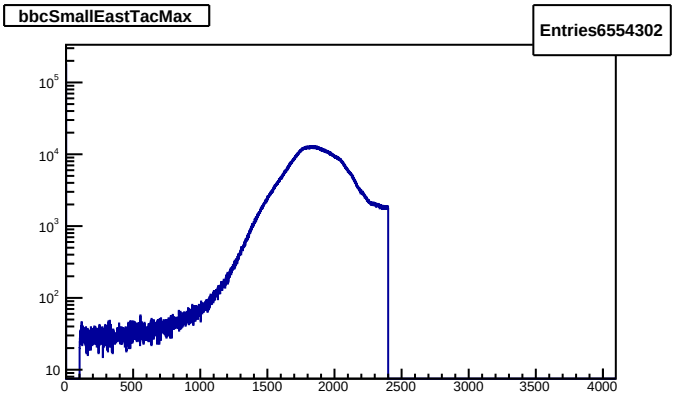

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.048688e+08
TAC
QT Input Channel

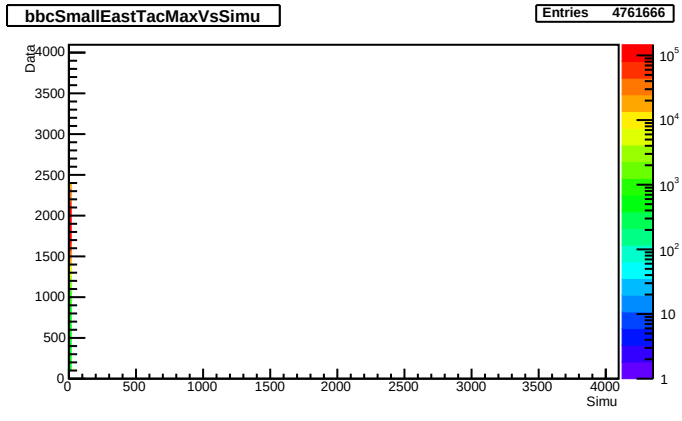

BBQ-ZD001 (ZDC TOWER)
Entries 1.048688e+08
ADC

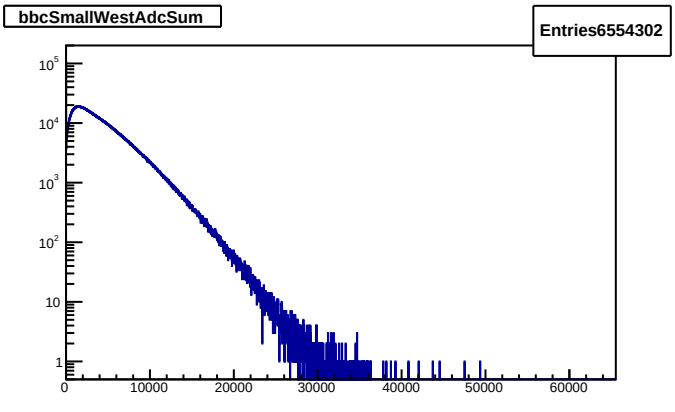

BBQ-ZD001 (ZDC TOWER)
Entries 1.048688e+08
TAC

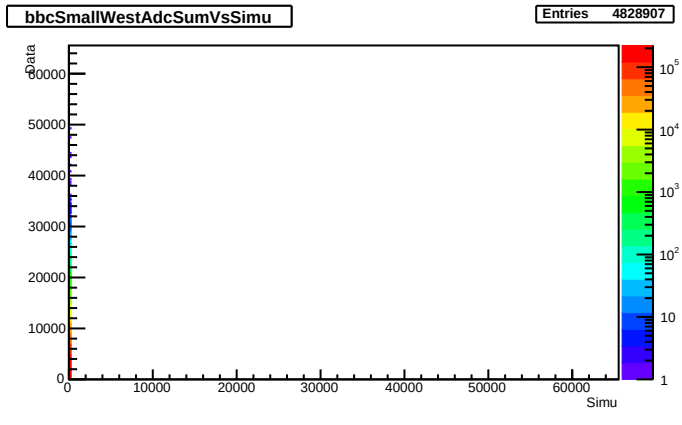

bbcSmallEastAdcSum
Entries6554302

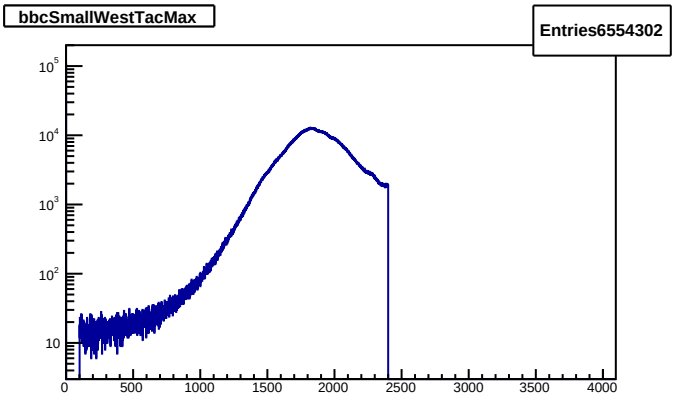

bbcSmallEastAdcSumVsSimu
Entries 4761666
Data
Simu

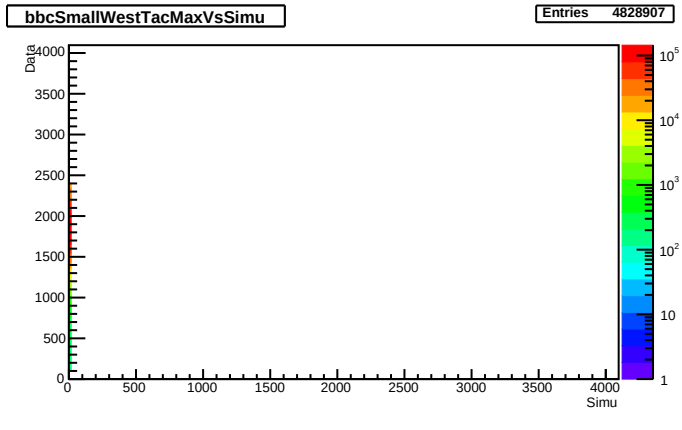

bbcSmallEastTacMax
Entries6554302

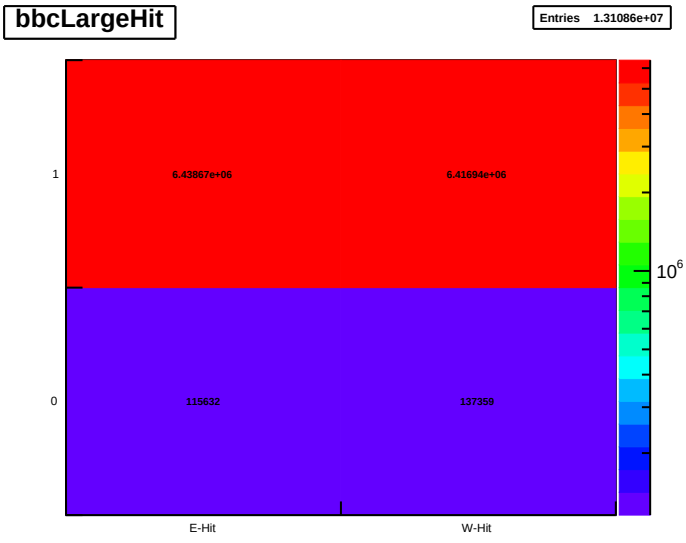

bbcSmallEastTacMaxVsSimu
Entries 4761666
Data
Simu

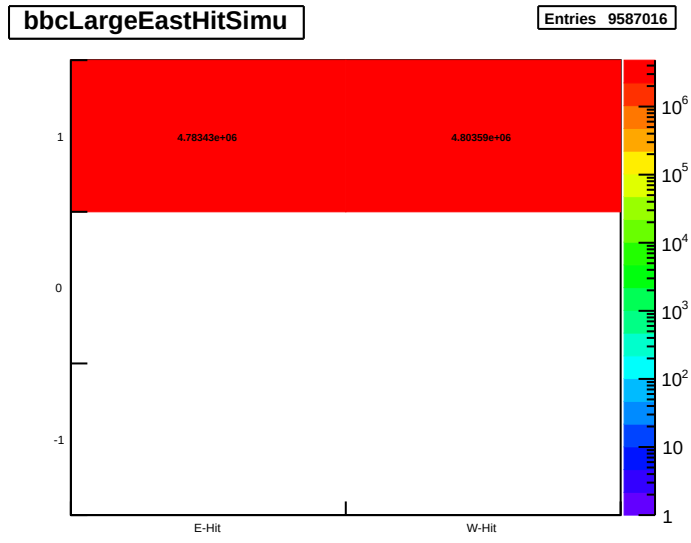

bbcSmallWestAdcSum
Entries6554302

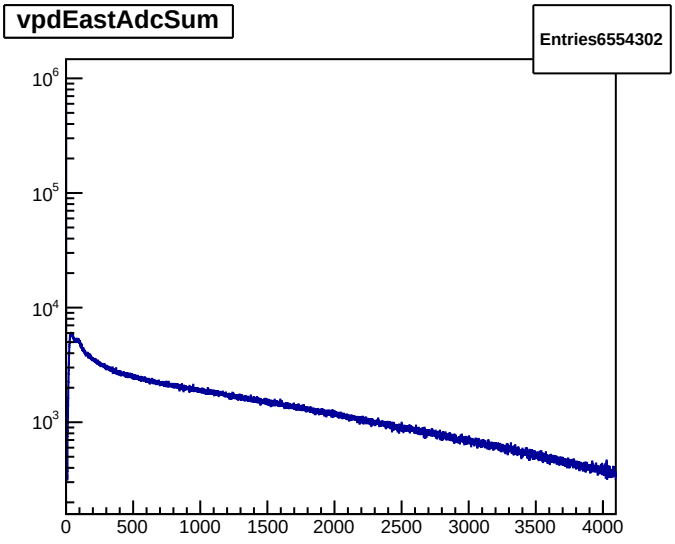

bbcSmallWestAdcSumVsSimu
Entries 4828907
Data
Simu

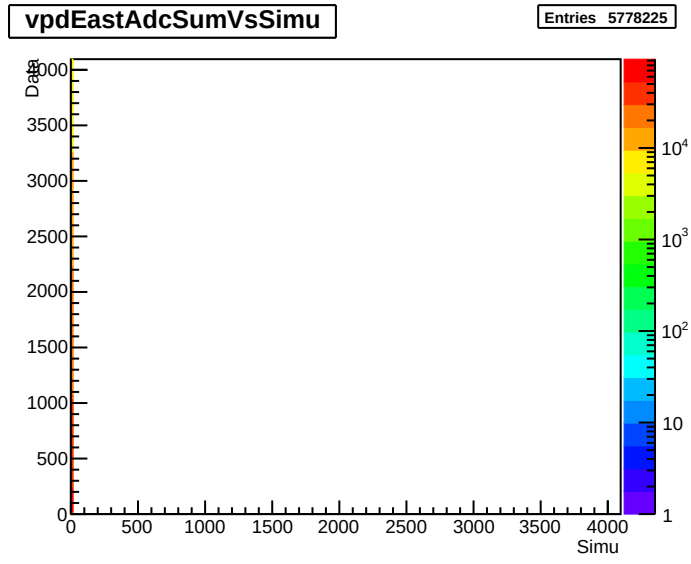

bbcSmallWestTacMax
Entries6554302

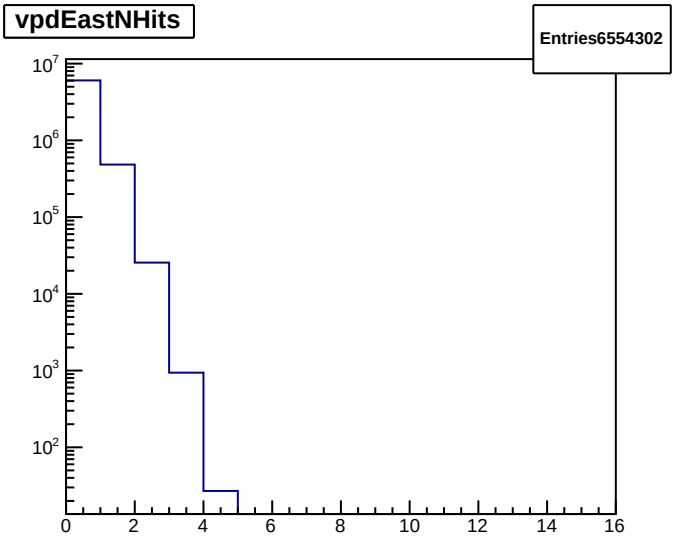

bbcSmallWestTacMaxVsSimu
Entries 4828907
Data
Simu

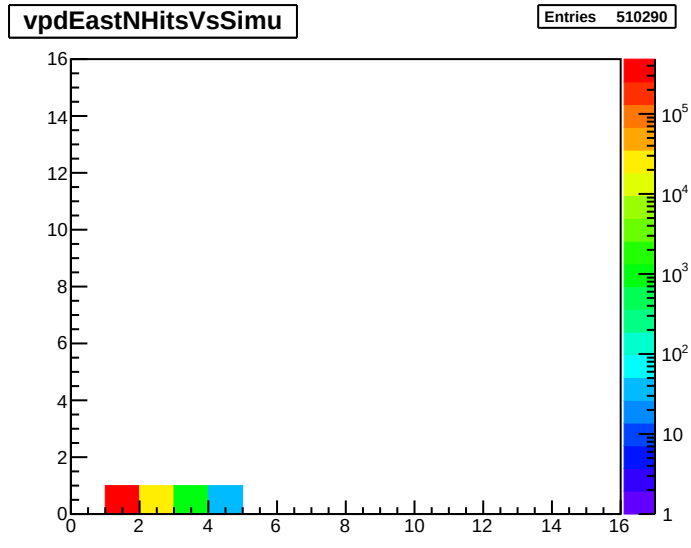

bbcLargeHit
Entries 1.31086e+07
1
0
6.43867e+06
6.41694e+06
115632
137359
E-Hit
W-Hit
10^6

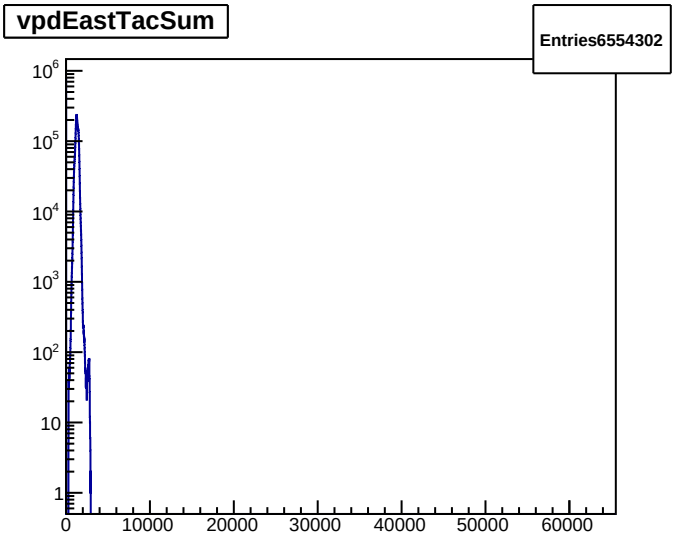

bbcLargeEastHitSimu
Entries 9587016
1
0
-1
4.78343e+06
4.80359e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

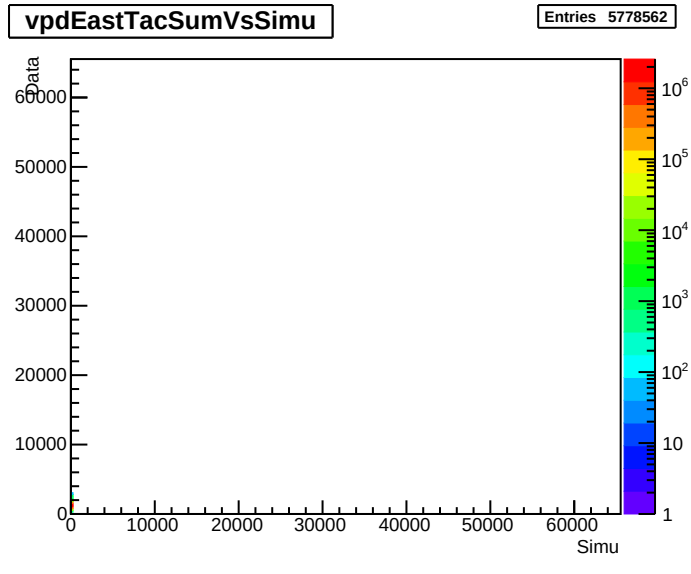

vpdEastAdcSum
Entries6554302

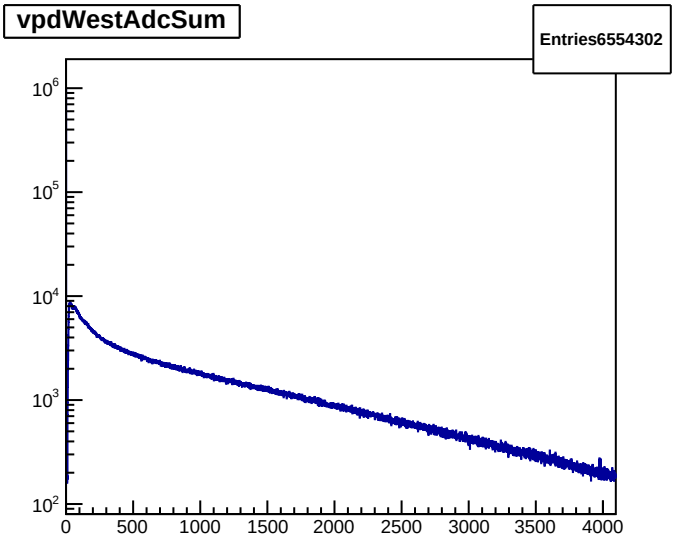

vpdEastAdcSumVsSimu
Entries 5778225
Data
Simu

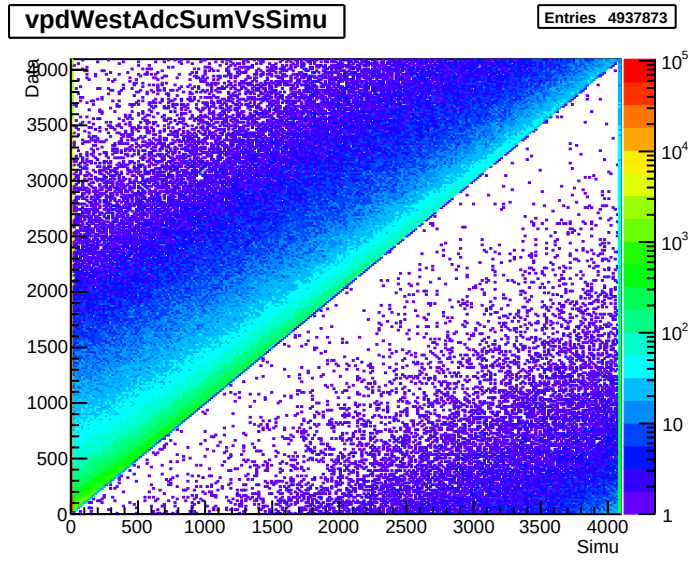

vpdEastNHits
Entries6554302

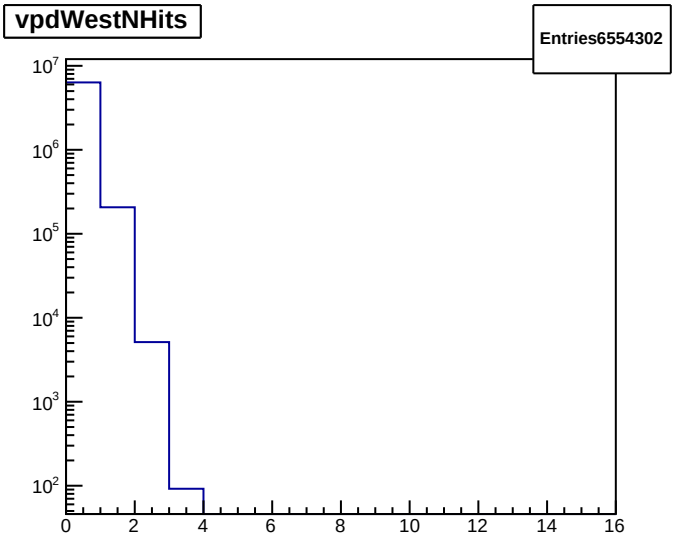

vpdEastNHitsVsSimu
Entries 510290

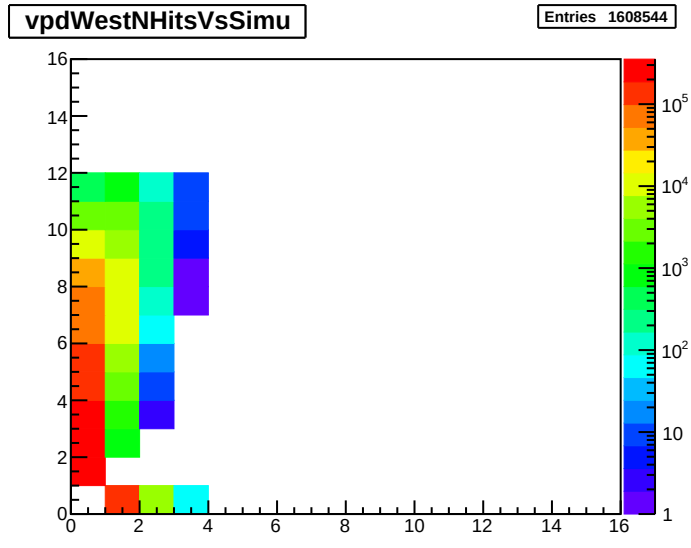

vpdEastTacSum
Entries6554302

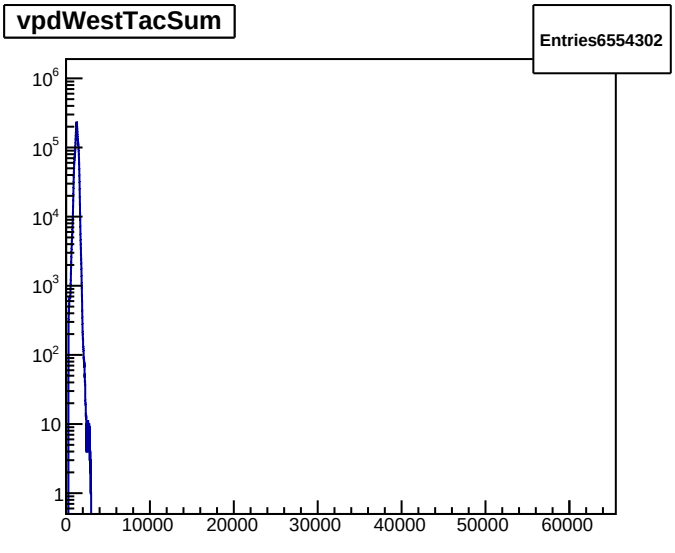

vpdEastTacSumVsSimu
Entries 5778562
Data
Simu

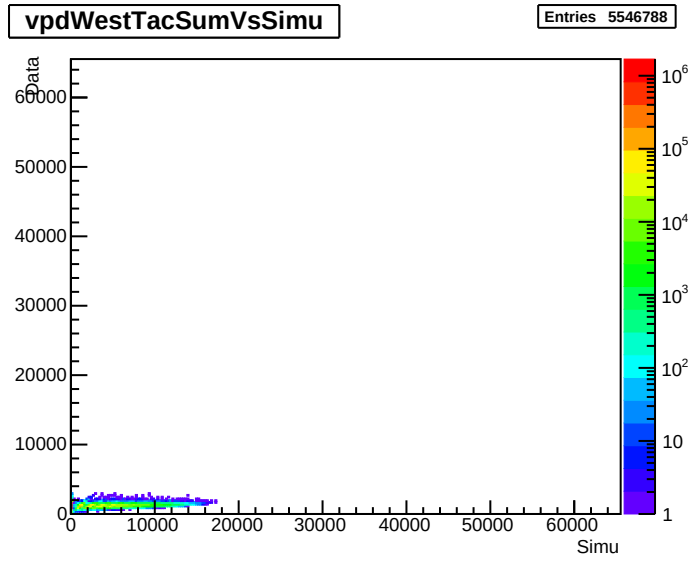

vpdWestAdcSum
Entries6554302

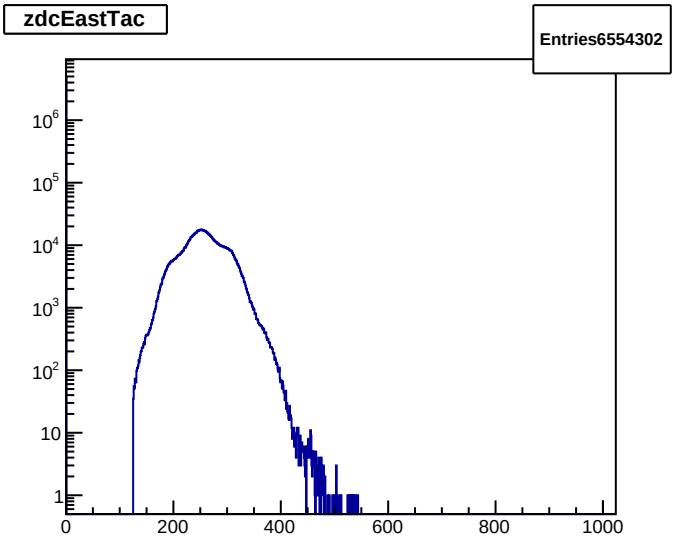

vpdWestAdcSumVsSimu
Entries 4937873
Data
Simu

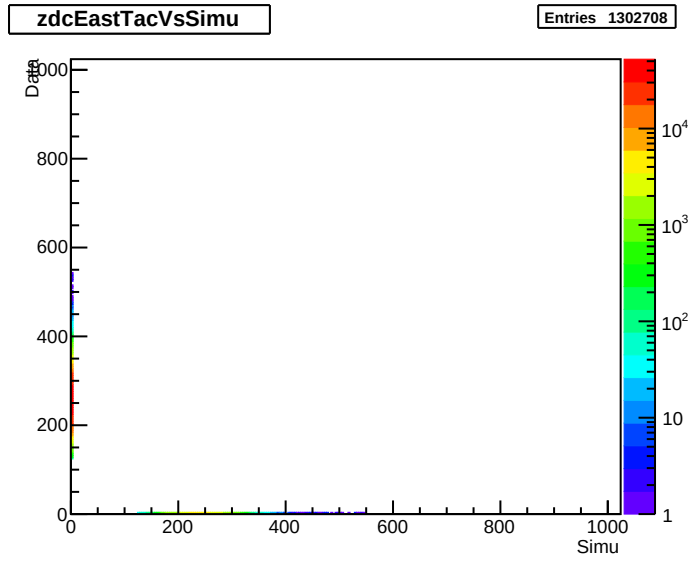

vpdWestNHits
Entries6554302

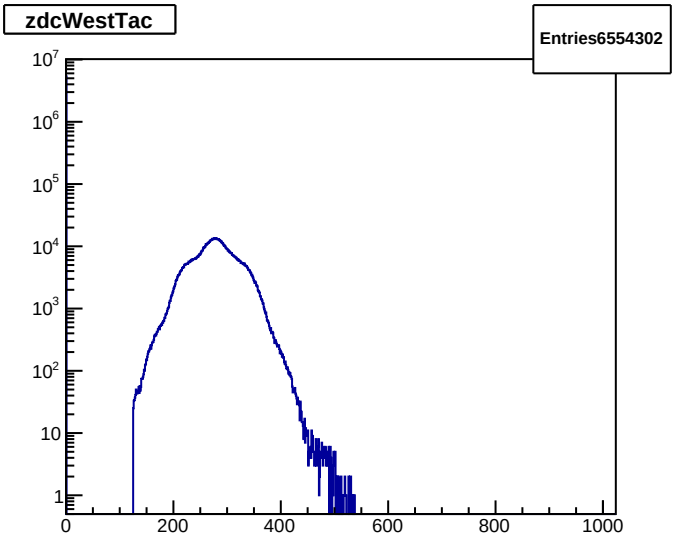

vpdWestNHitsVsSimu
Entries 1608544

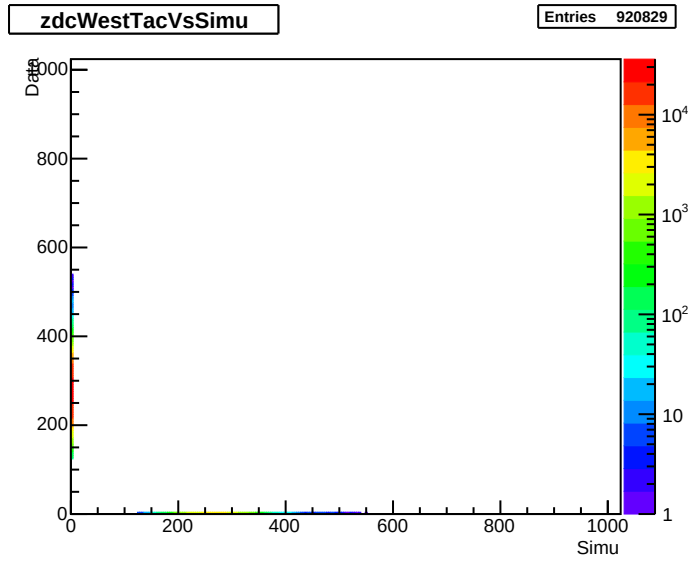

vpdWestTacSum
Entries6554302

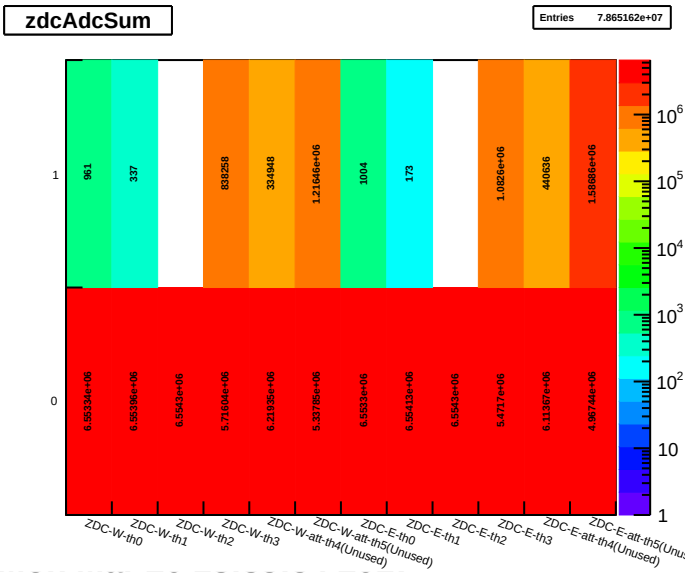

vpdWestTacSumVsSimu
Entries 5546788
Data
Simu

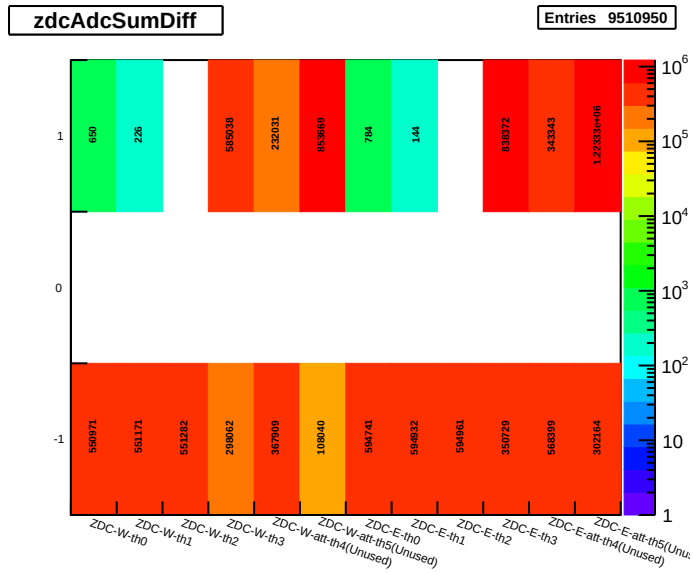

zdcEastTac
Entries6554302

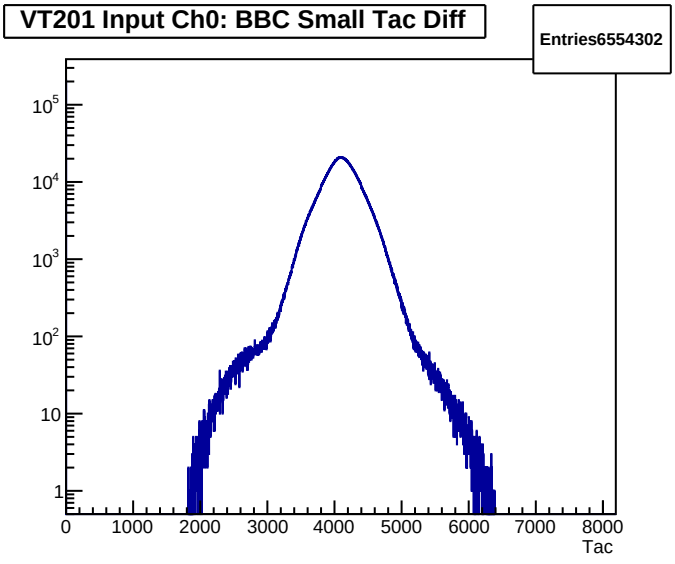

zdcEastTacVsSimu
Entries 1302708
Data
Simu

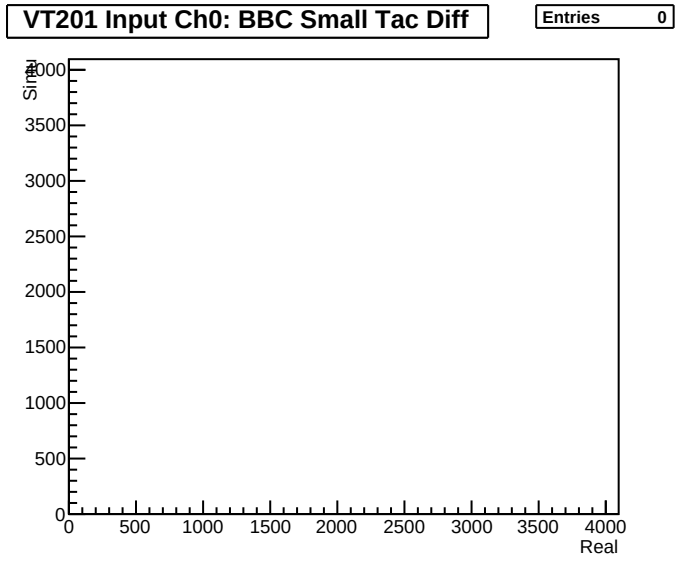

zdcWestTac
Entries6554302

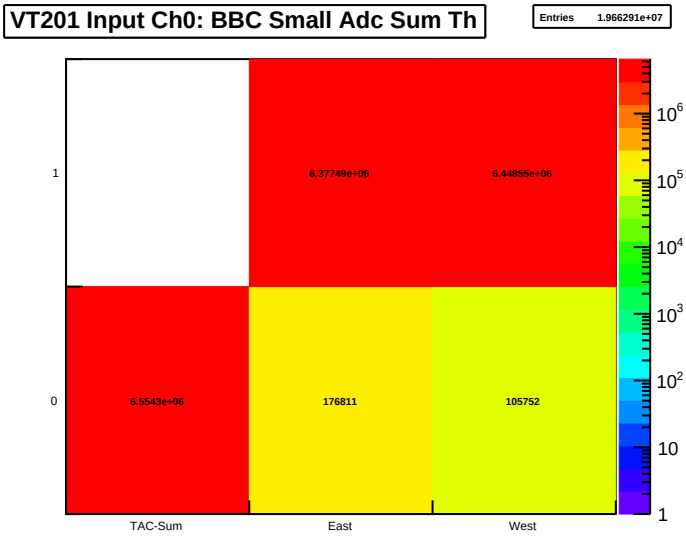

zdcWestTacVsSimu
Entries 920829
Data
Simu

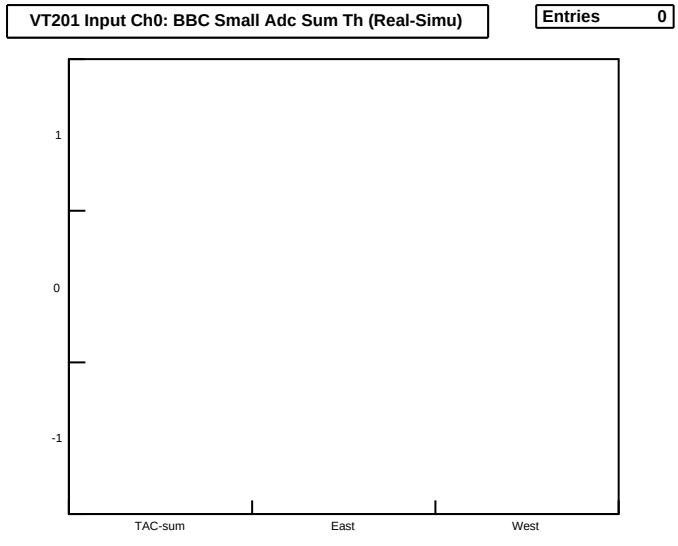

zdcAdcSum
Entries 7.865162e+07
961
337
838258
334948
1.21646e+06
1004
173
1.0826e+06
440636
1.58686e+06
6.55334e+06
6.55396e+05
6.5543e+06
5.71604e+06
6.21935e+06
5.33785e+06
6.5533e+06
6.55413e+06
6.5543e+06
5.47217e+06
6.11367e+06
4.96744e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

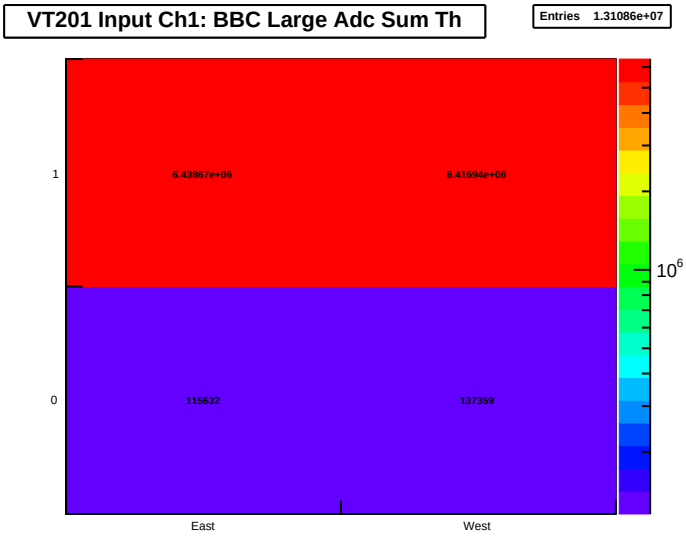

zdcAdcSumDiff
Entries 9510950
650
226
585038
232031
853669
784
144
838372
343343
1.22333e+06
550971
551171
551282
290062
367009
108040
594741
594932
594961
350729
563399
302164
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

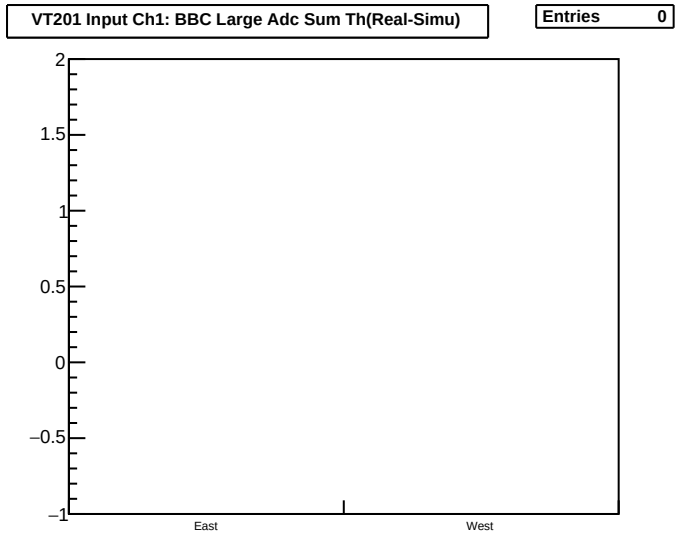

VT201 Input Ch0: BBC Small Tac Diff
Entries6554302
Tac


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

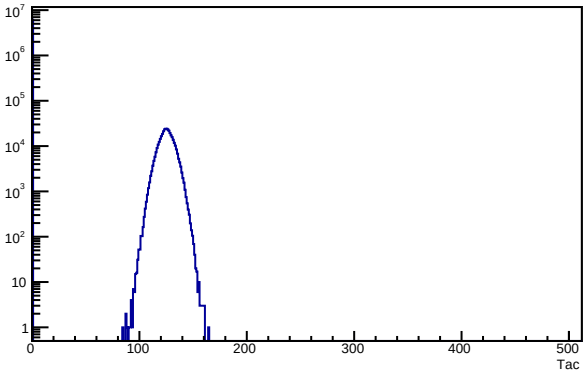

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.966291e+07
6.37749e+06
6.44855e+06
6.5543e+06
176811
105752
TAC-Sum
East
West


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

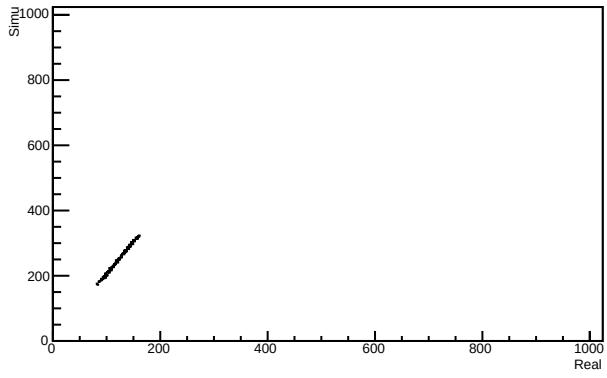

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.31086e+07
6.43867e+06
6.41694e+06
115632
137359
East
West


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

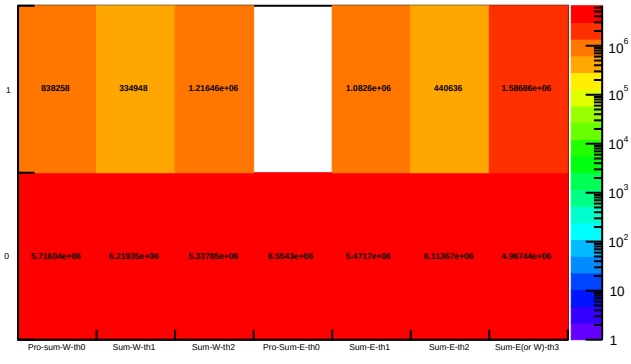
VT201 Input Ch2: ZDC Tac Diff



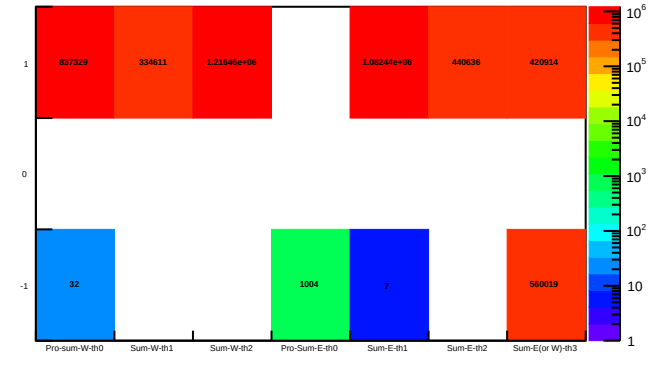
VT201 Input Ch2: ZDC Tac Diff



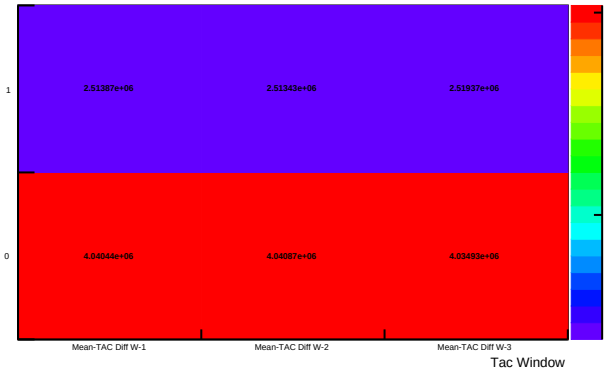
VT201 Input Ch2: ZDC Adc Sum Th



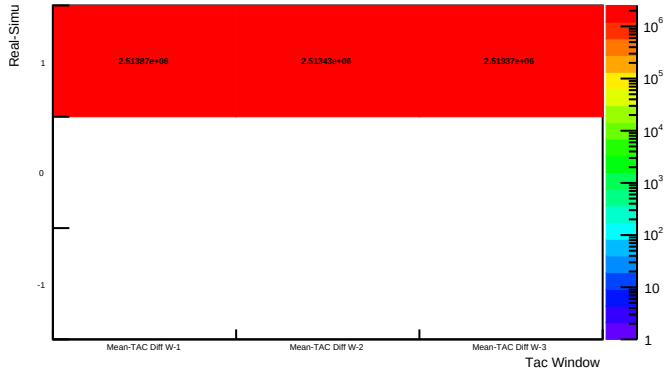
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



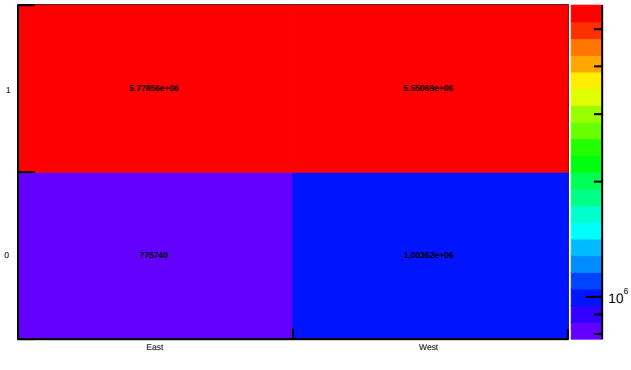
VT201 Input Ch4: VPD Tac Diff



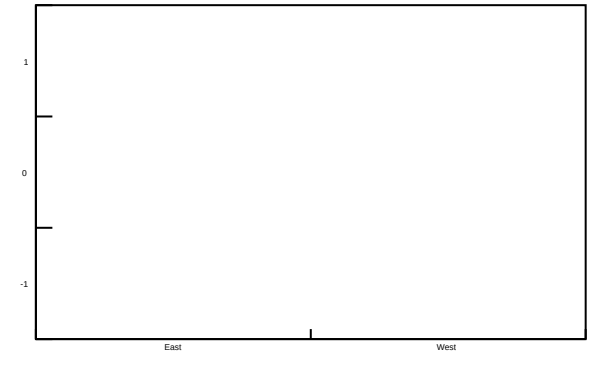
VT201 Input Ch4: VPD Tac Diff

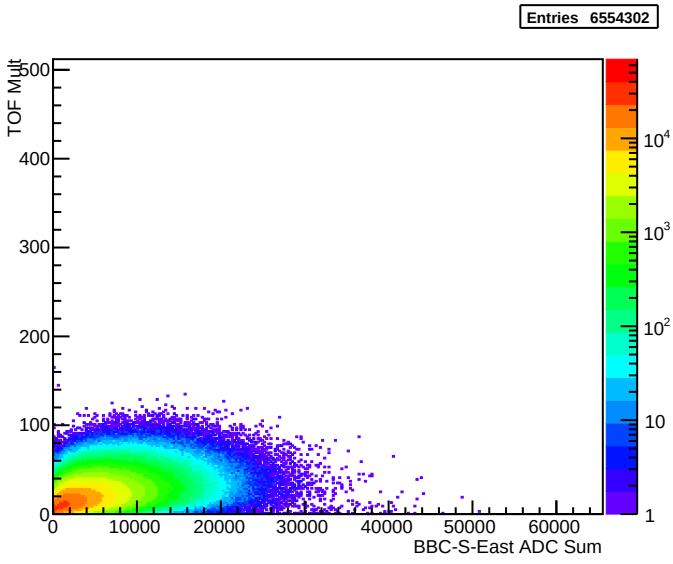


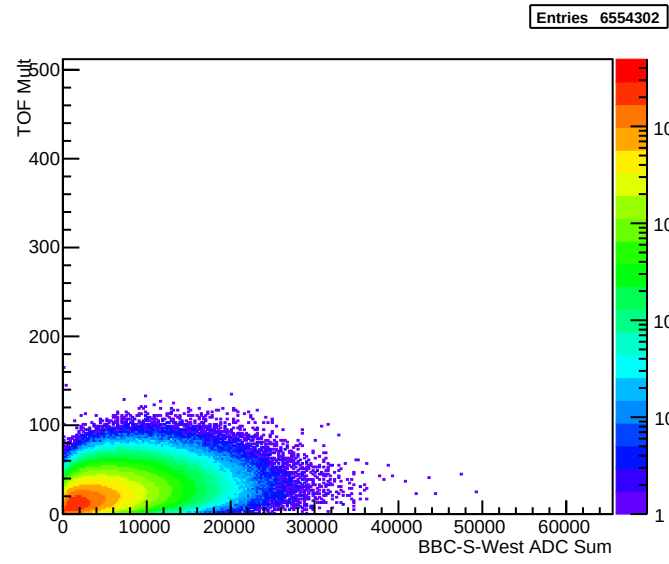
VT201 Input Ch4: VPD Adc Sum Th

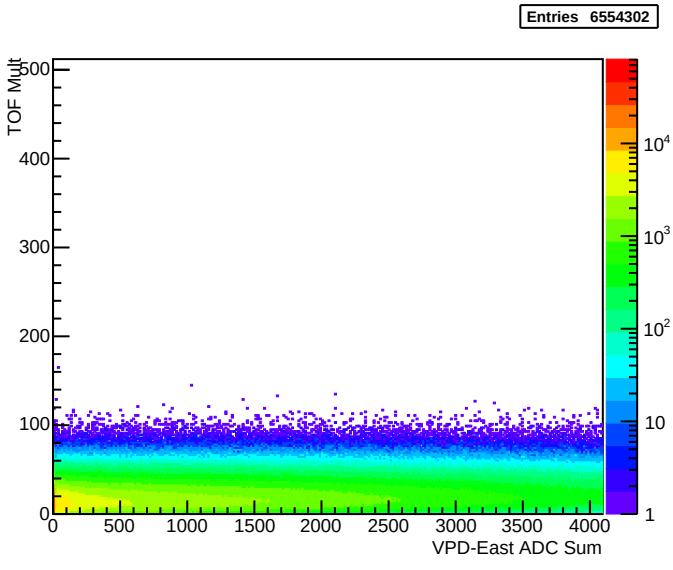


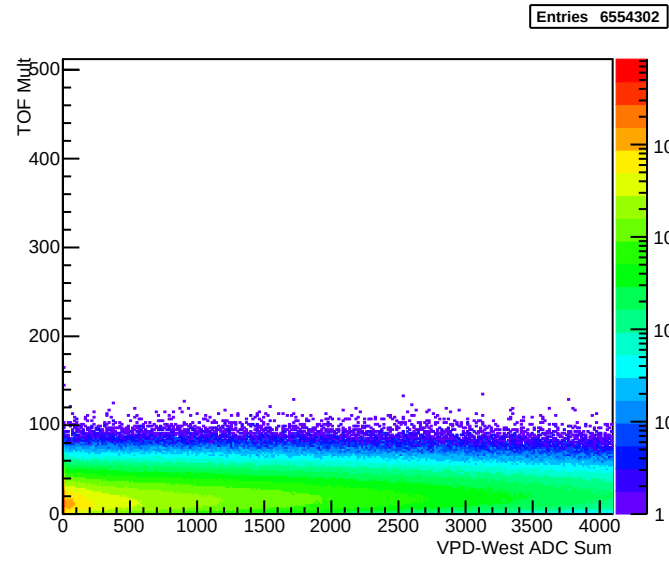
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

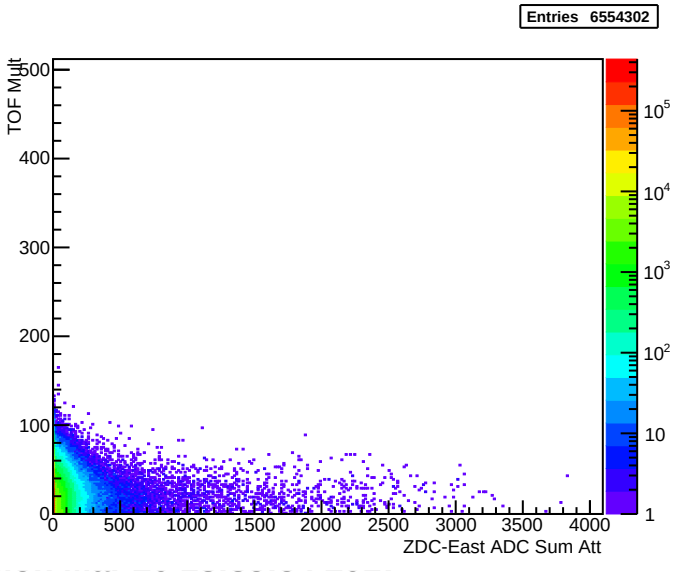


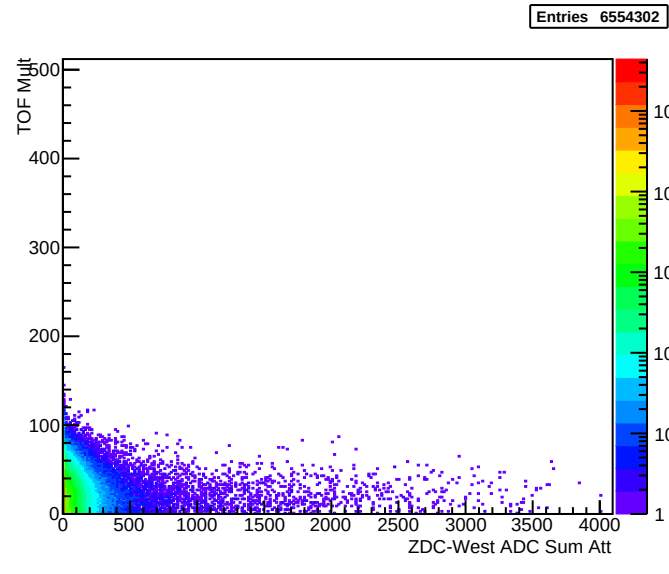

Entries 6554302
TOF Mult
BBC-S-East ADC Sum

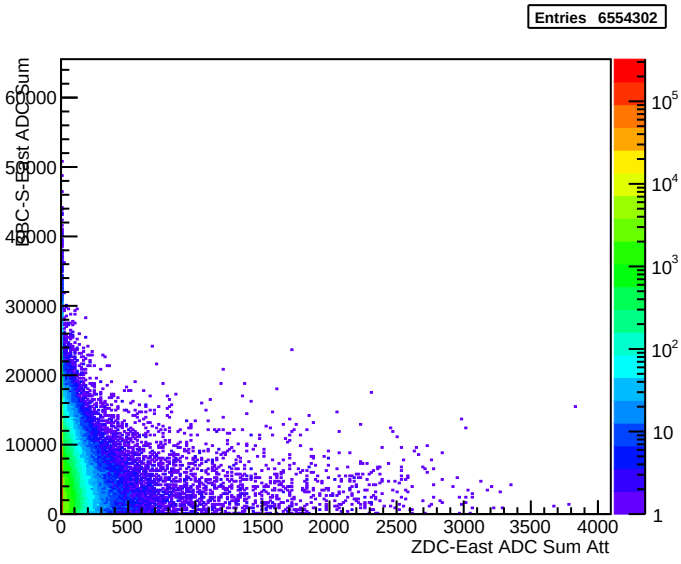

Entries 6554302
TOF Mult
BBC-S-West ADC Sum

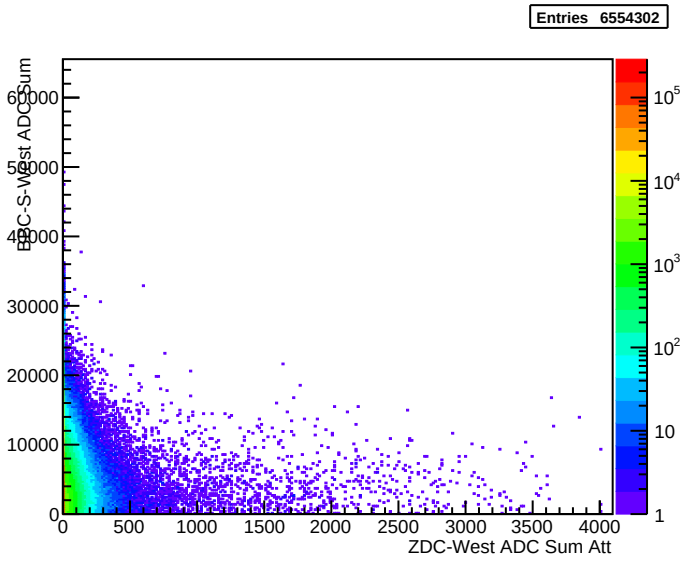

Entries 6554302
TOF Mult
VPD-East ADC Sum

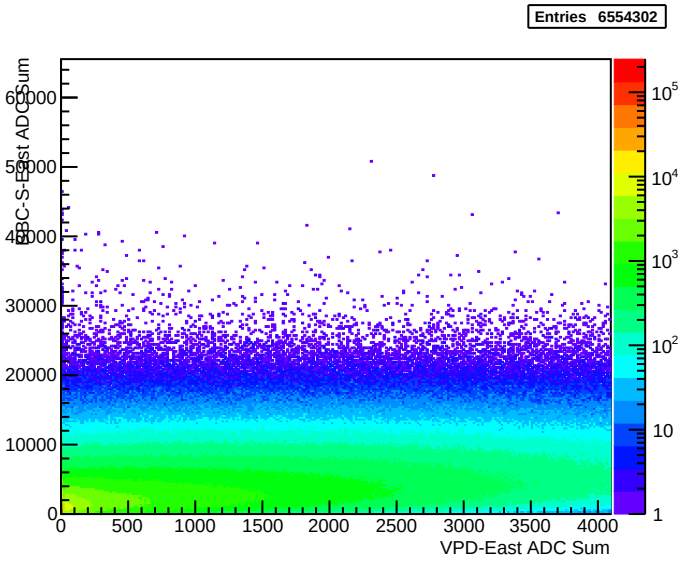

Entries 6554302
TOF Mult
VPD-West ADC Sum

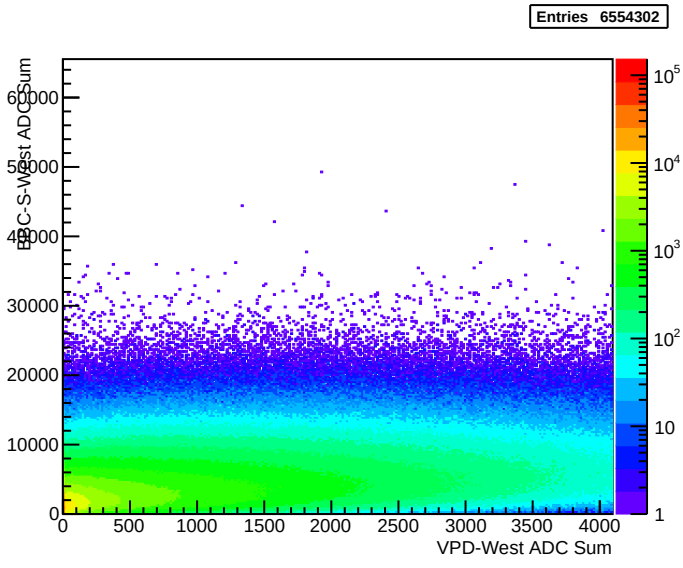

Entries 6554302
TOF Mult
ZDC-East ADC Sum Att

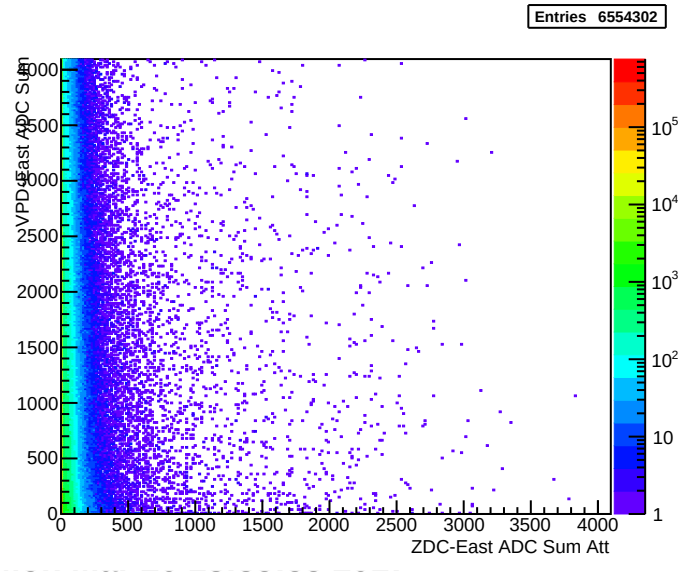

Entries 6554302
TOF Mult
ZDC-West ADC Sum Att

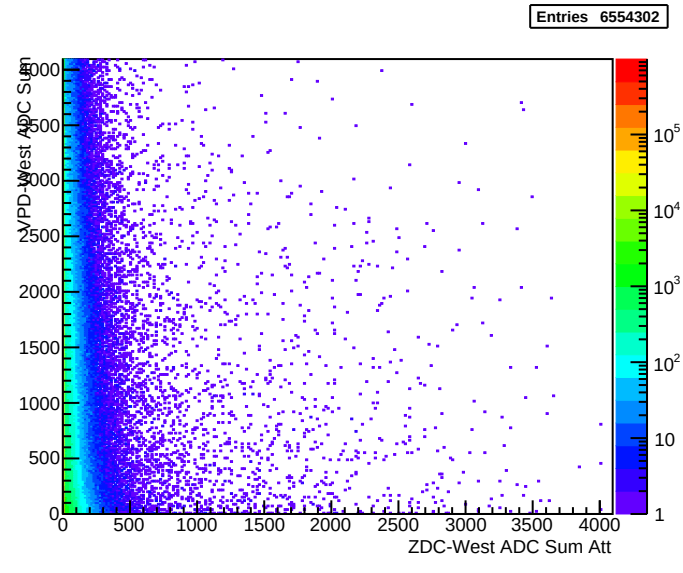

Entries 6554302
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

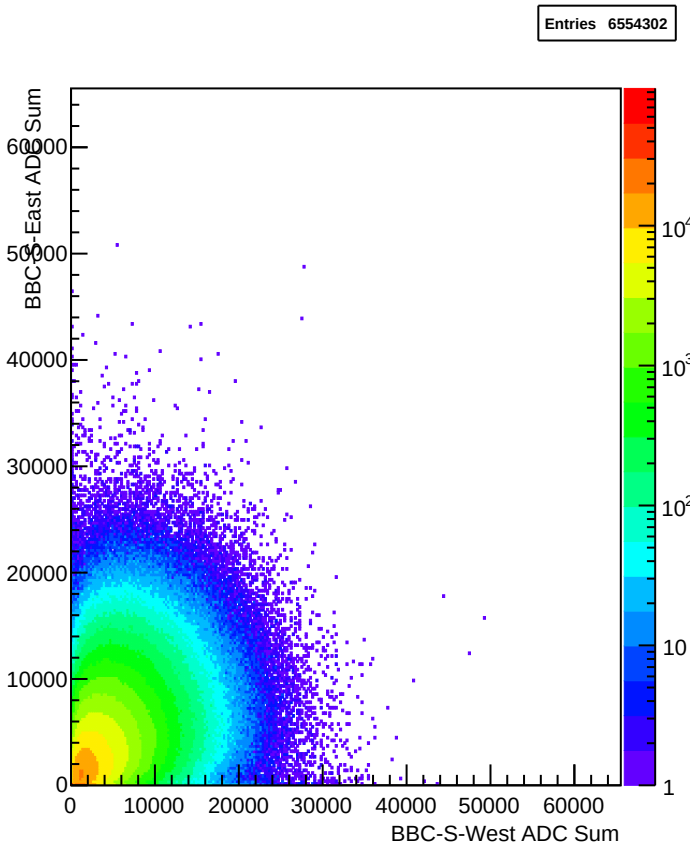

Entries 6554302
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

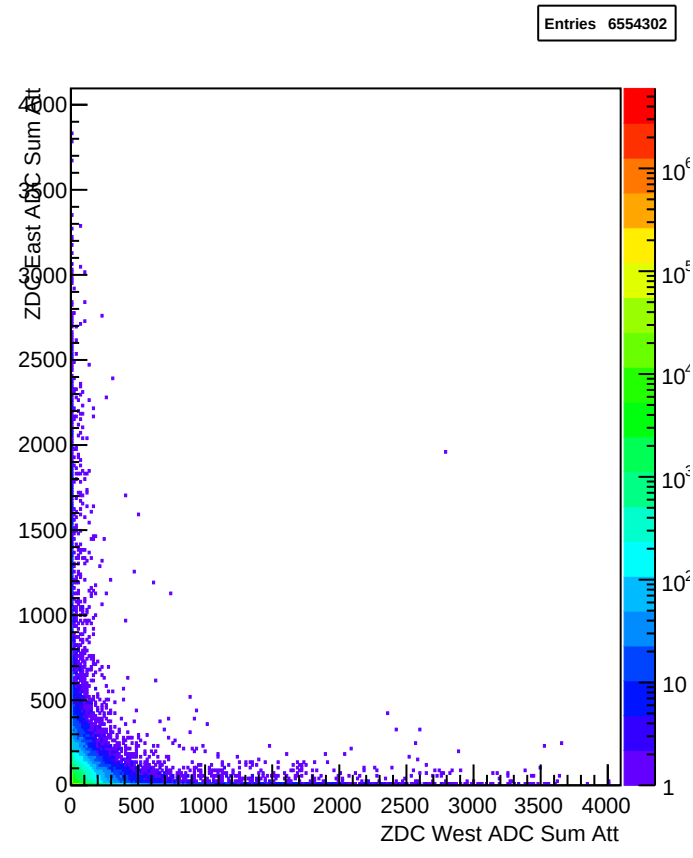

Entries 6554302
BBC-S-East ADC Sum
VPD-East ADC Sum

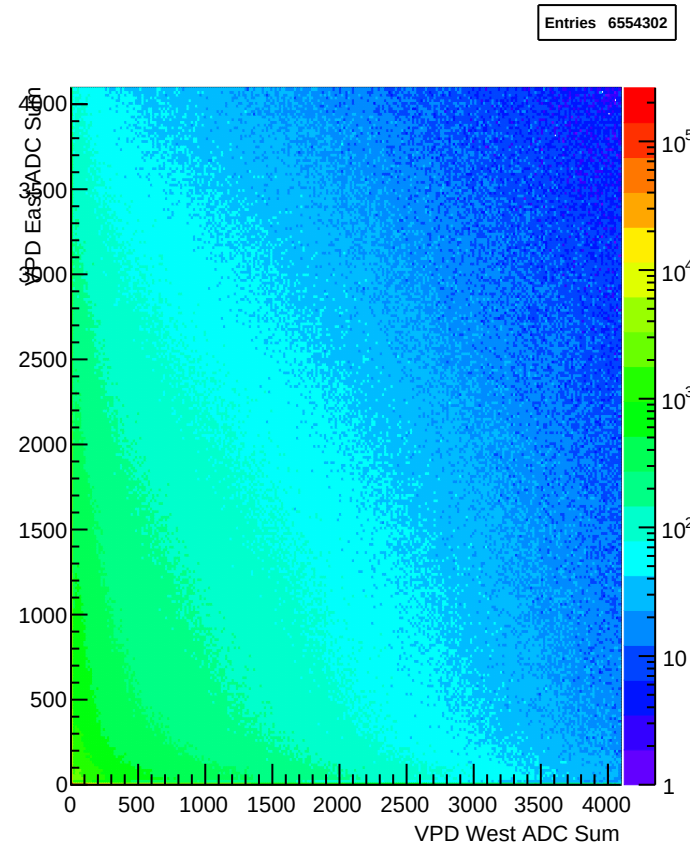

Entries 6554302
BBC-S-West ADC Sum
VPD-West ADC Sum

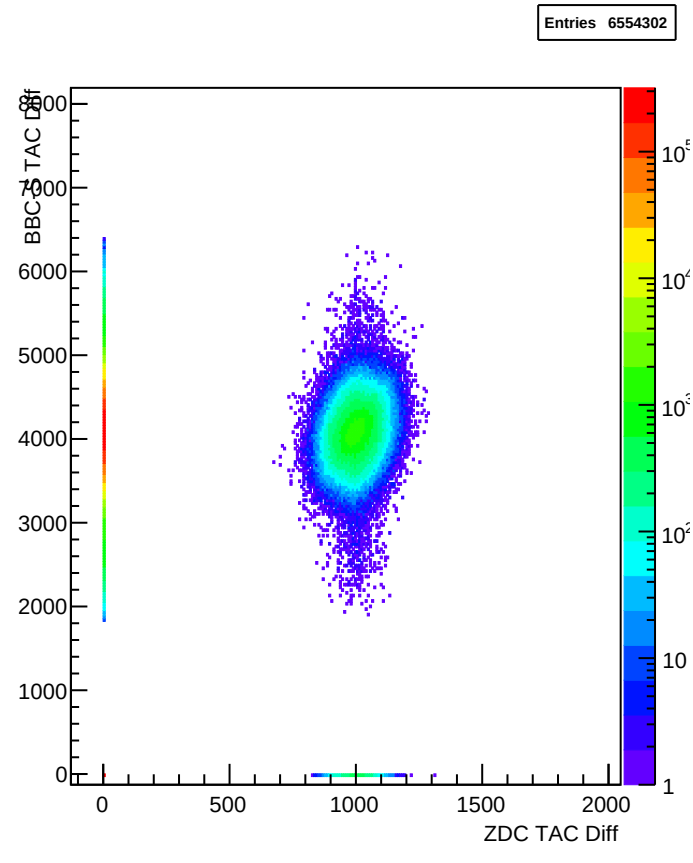

Entries 6554302
VPD-East ADC Sum
ZDC-East ADC Sum Att

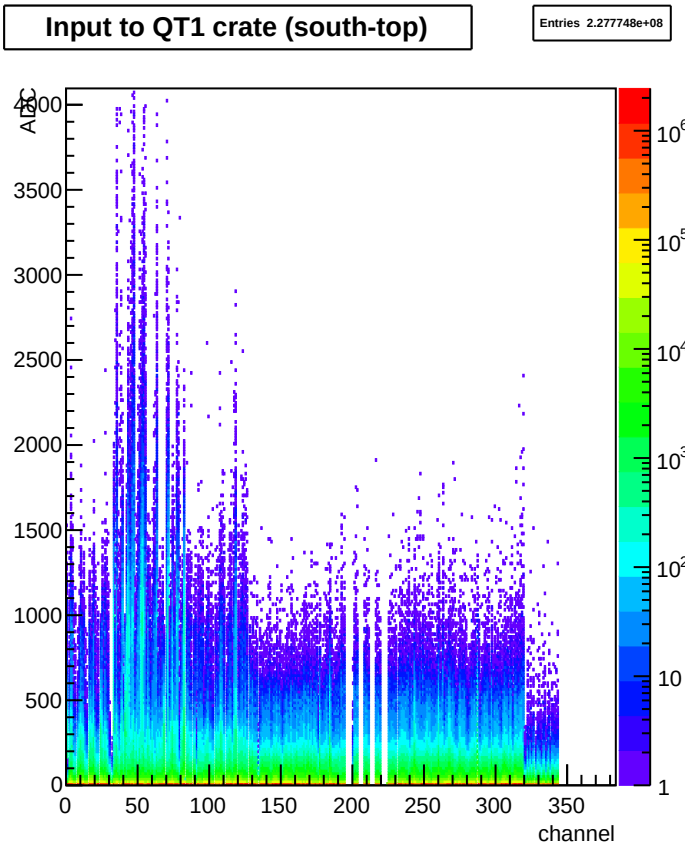

Entries 6554302
VPD-West ADC Sum
ZDC-West ADC Sum Att

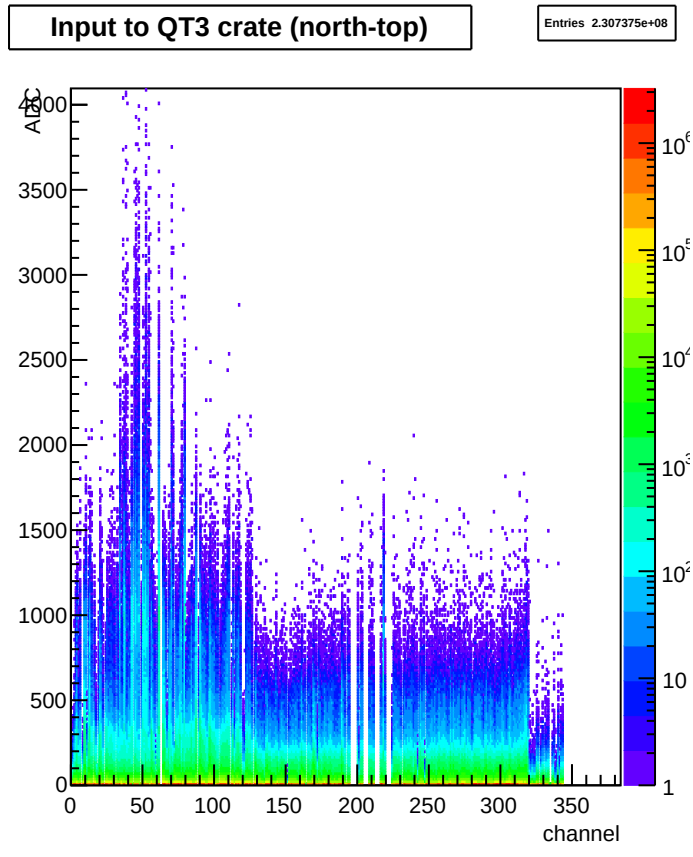

Entries 6554302
BBC-S-East ADC Sum
BBC-S-West ADC Sum

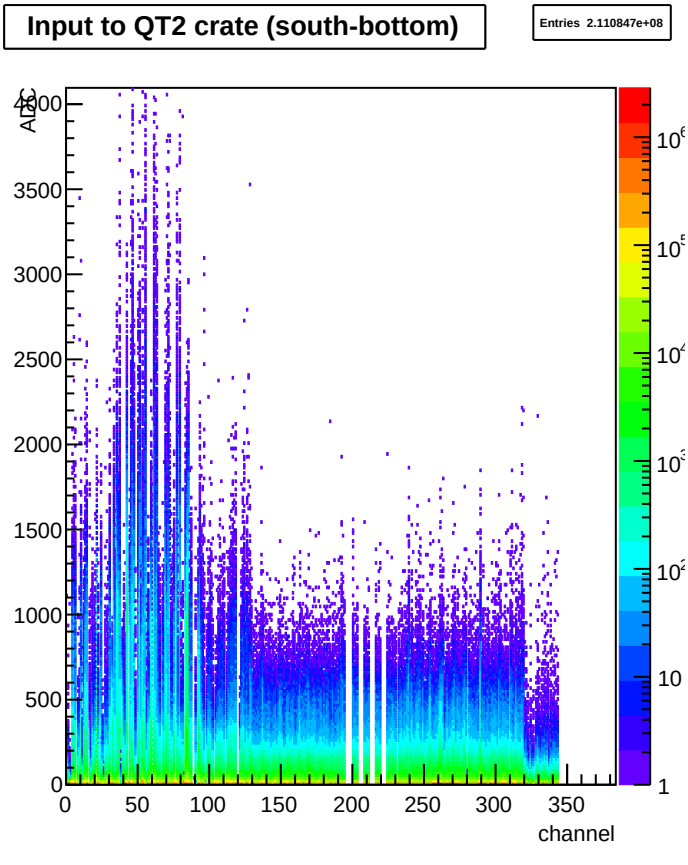

Entries 6554302
ZDC East ADC Sum Att
ZDC West ADC Sum Att

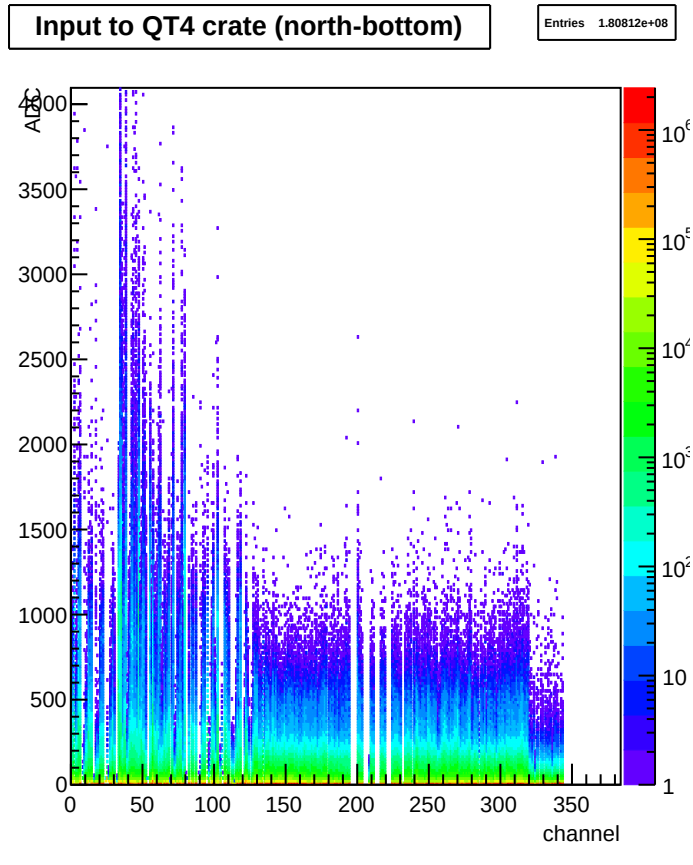

Entries 6554302
VPD East ADC Sum
VPD West ADC Sum

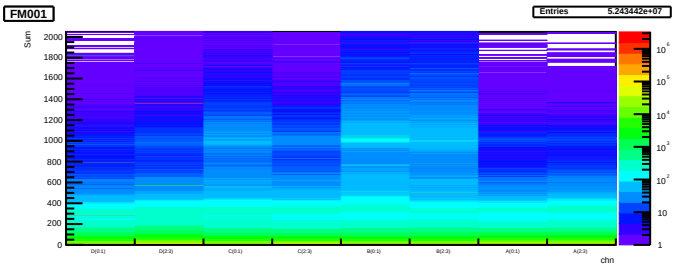

Entries 6554302
BBC-S TAC Diff
ZDC TAC Diff

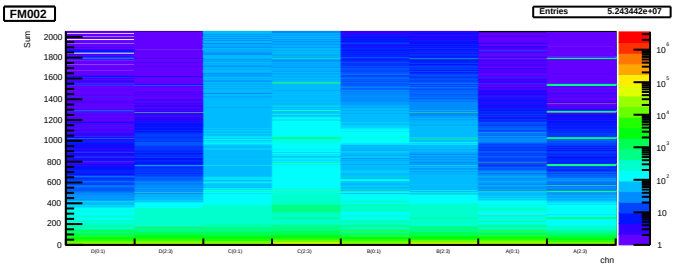

Input to QT1 crate (south-top)
Entries 2.277748e+08
ADC
channel

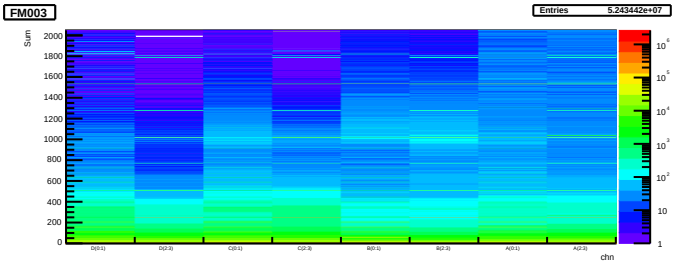

Input to QT3 crate (north-top)
Entries 2.307375e+08
ADC
channel

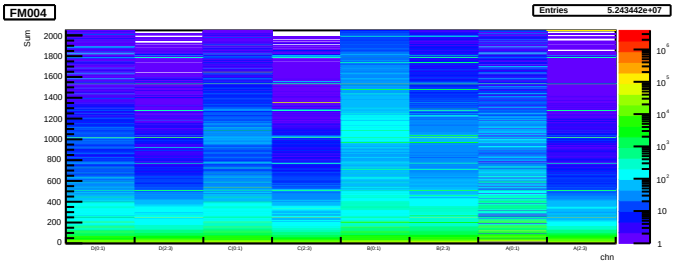

Input to QT2 crate (south-bottom)
Entries 2.110847e+08
ADC
channel

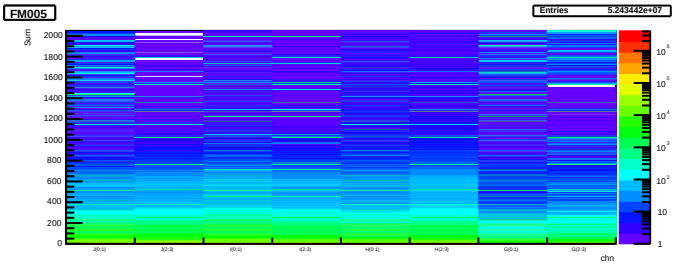

Input to QT4 crate (north-bottom)
Entries 1.80812e+08
ADC
channel

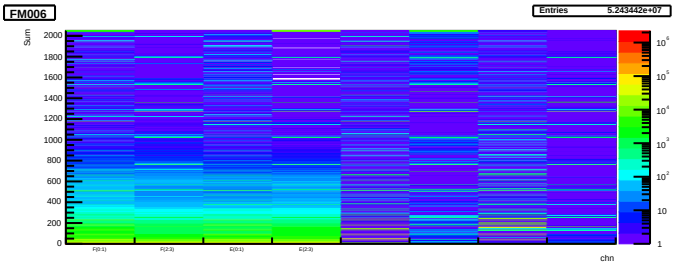

FM001
Entries 5.243442e+07
Sum
chn


FM002
Entries 5.243442e+07
Sum
chn


FM003
Entries 5.243442e+07
Sum
chn


FM004
Entries 5.243442e+07
Sum
chn


FM005
Entries 5.243442e+07
Sum
chn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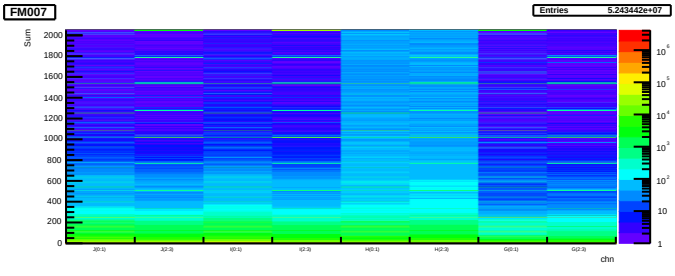
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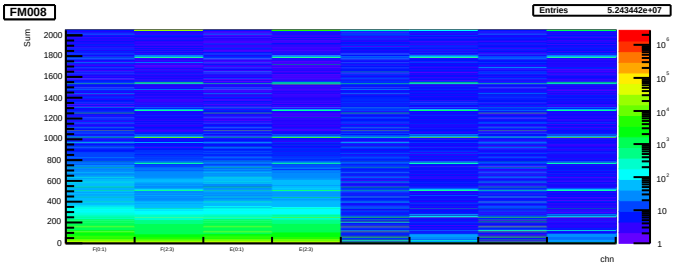
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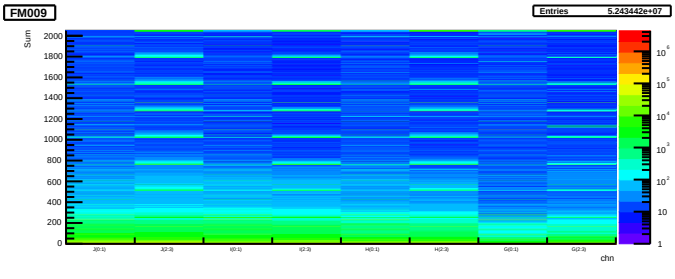
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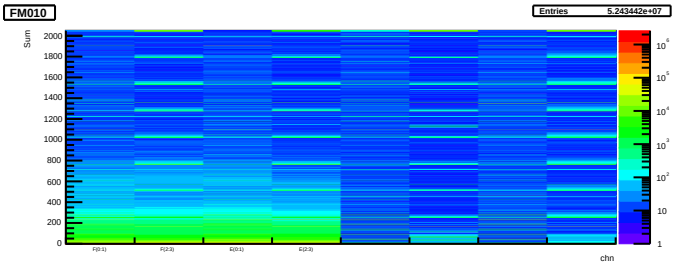
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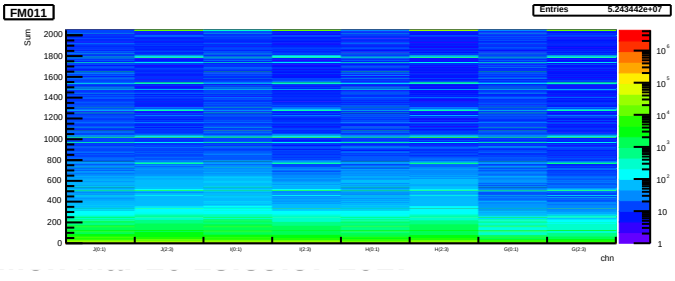
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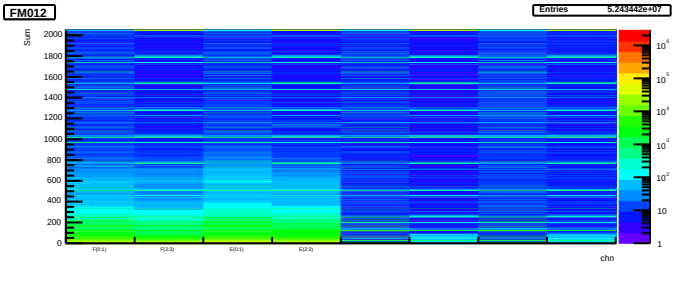
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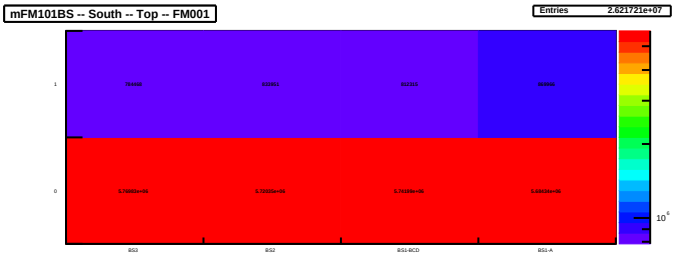
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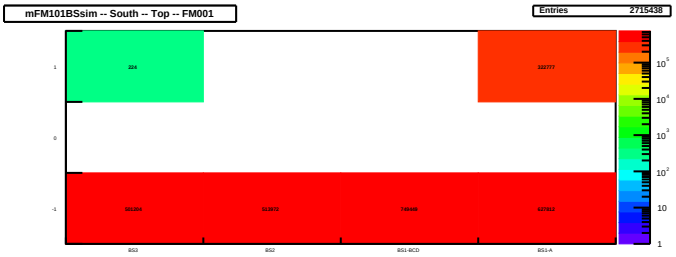
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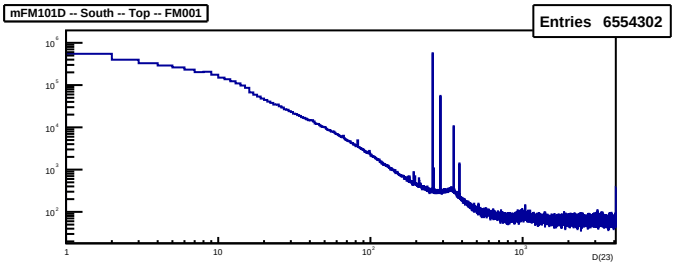
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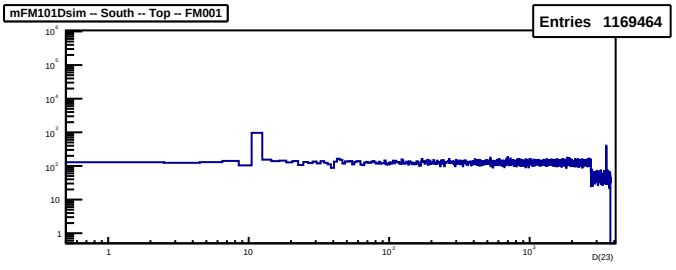
Entries 6554302
D(23)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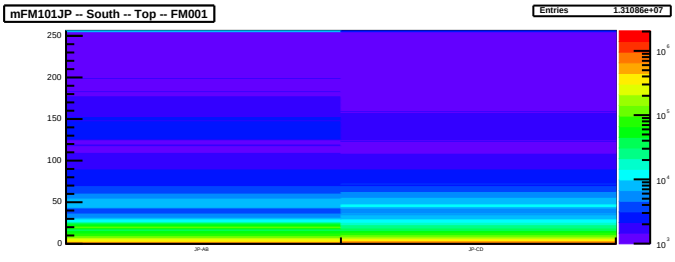
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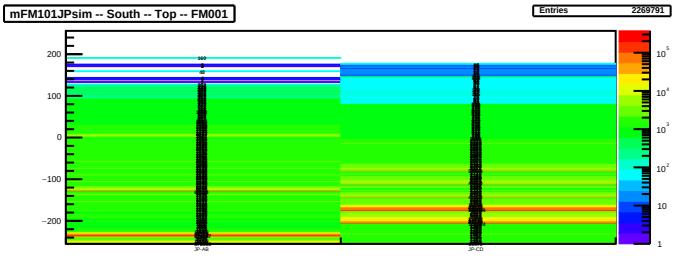
Entries 1.31086e+07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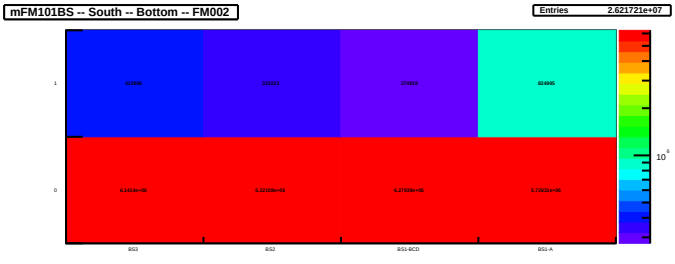
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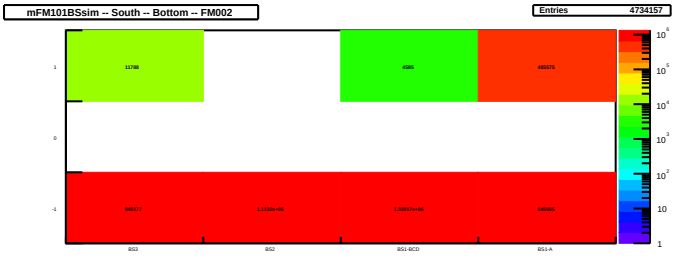
Entries 2.621721e+07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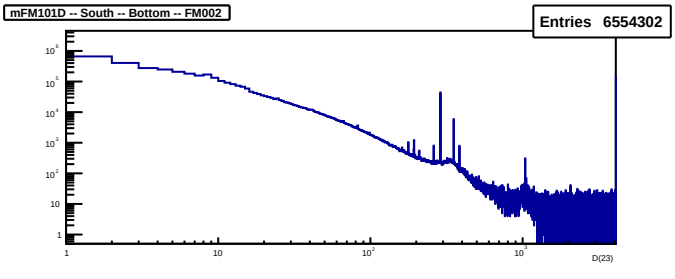
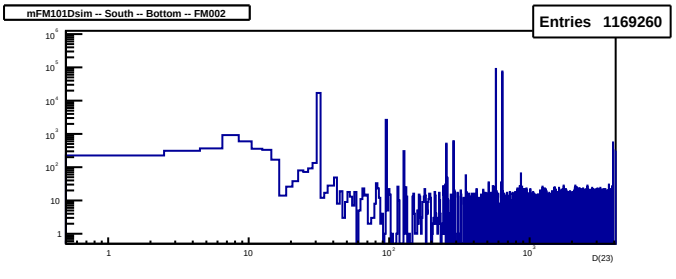

mFM101D -- South -- Bottom -- FM002
Entries 6554302
D(23)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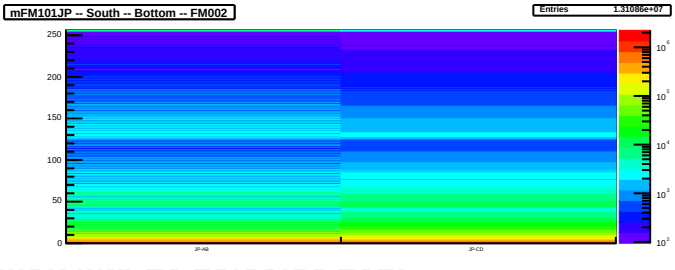
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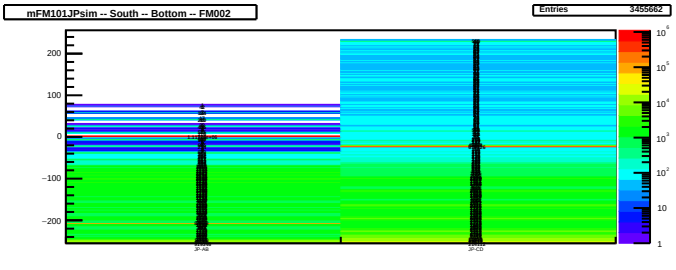
Entries 1.31086e+07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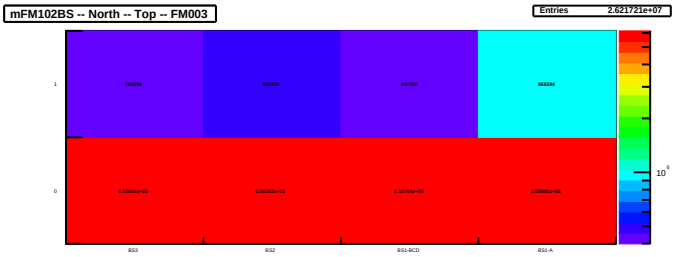
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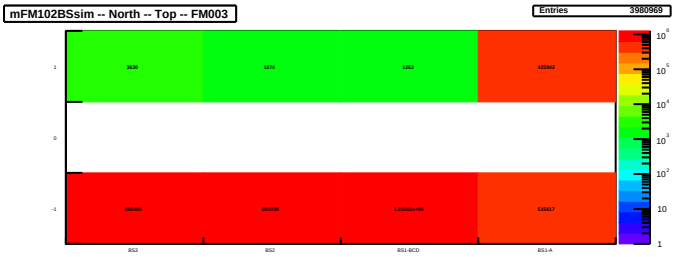
Entries 2.621721e+07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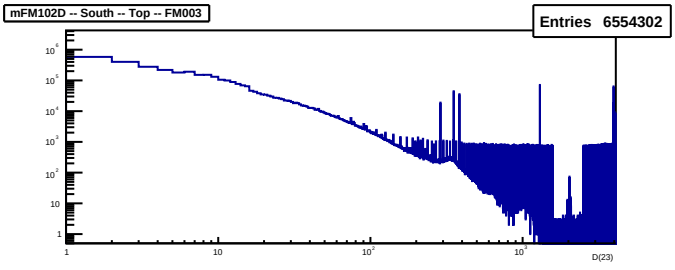
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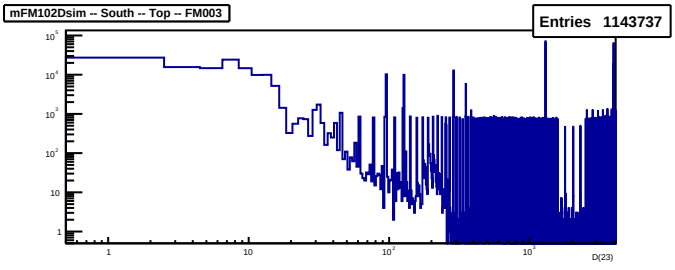
Entries 6554302
D(23)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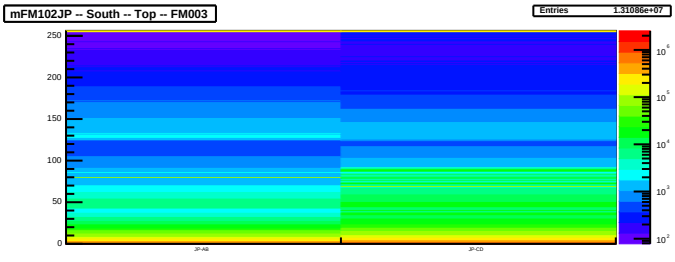
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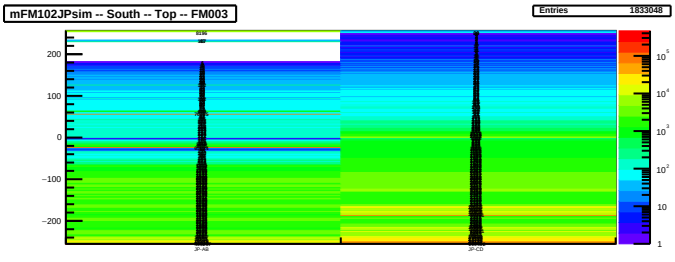
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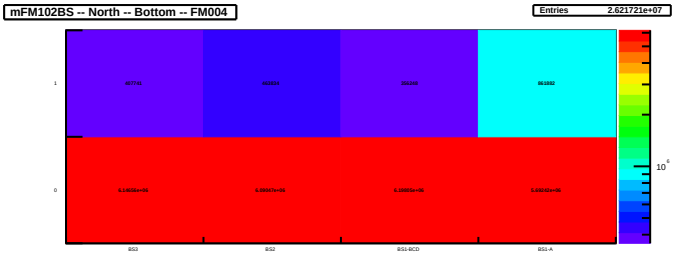
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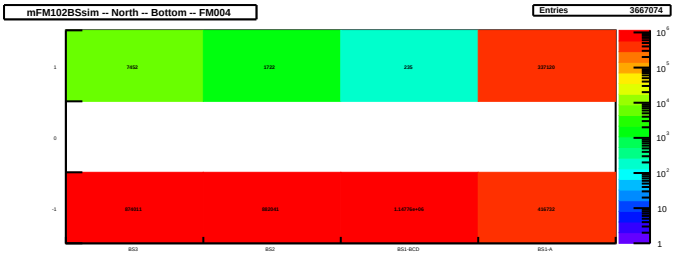
Entries 2.621721e+07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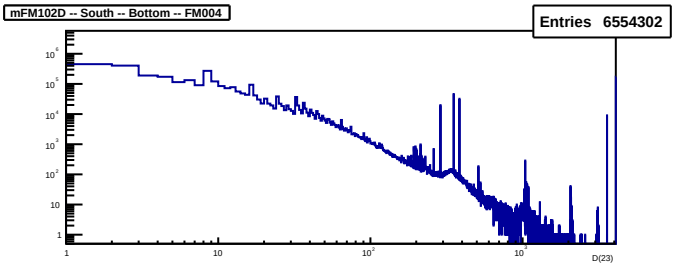
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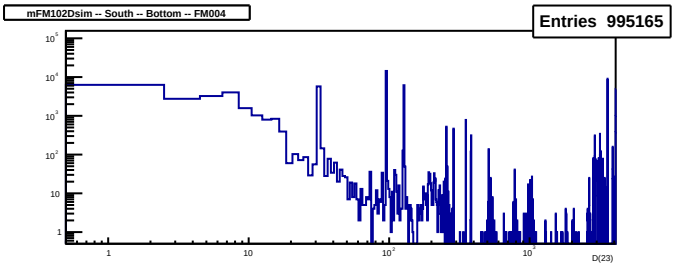
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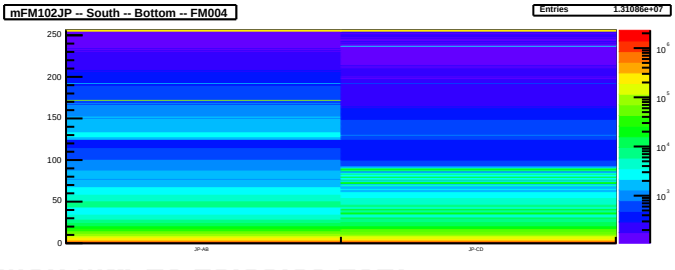
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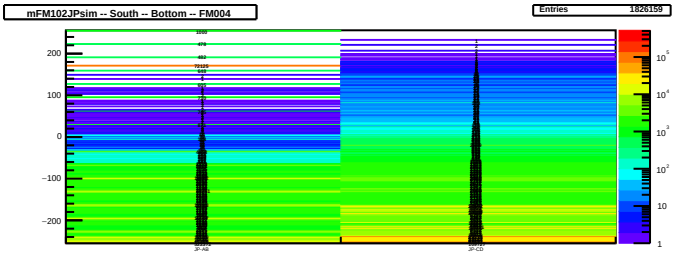
Entries 1.31086e+07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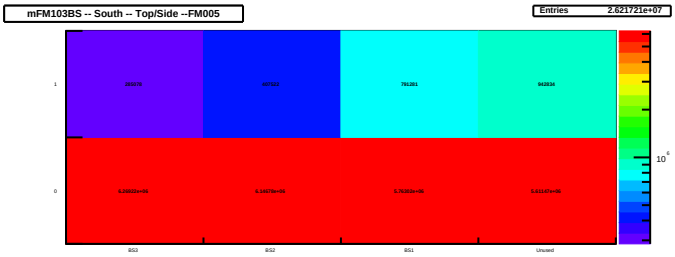
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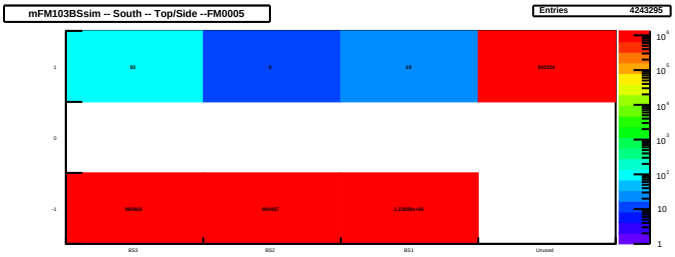
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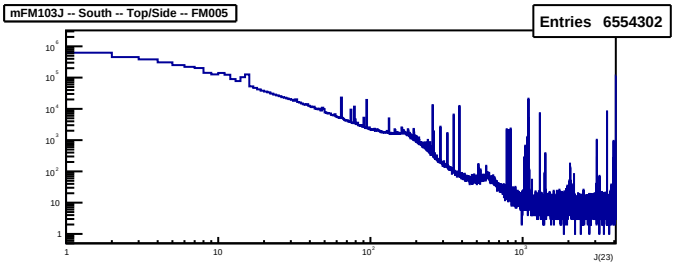
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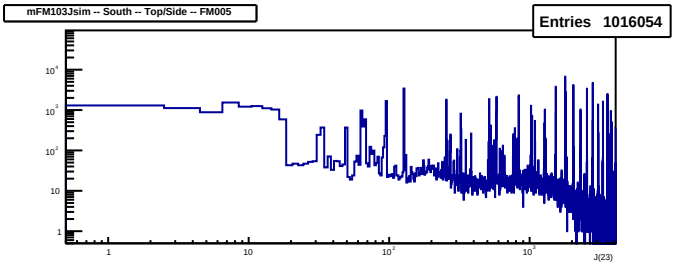
Entries 6554302
J(23)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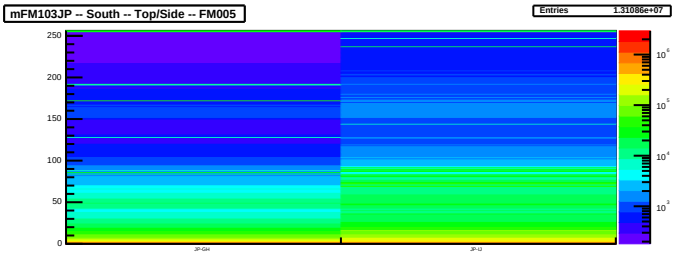
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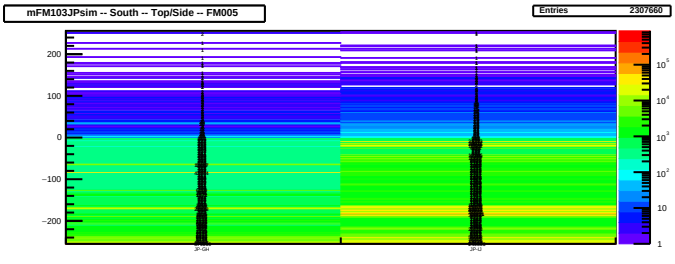
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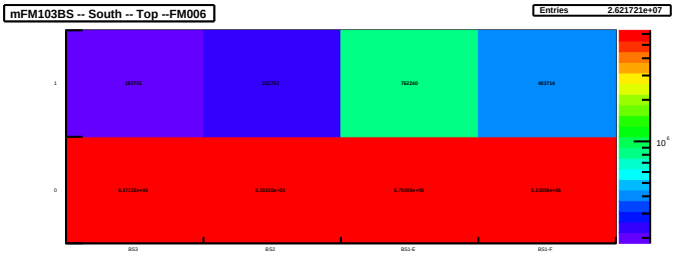
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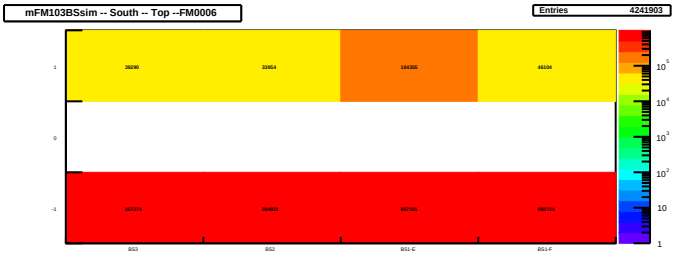
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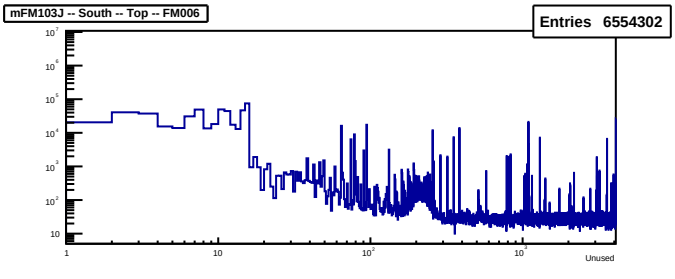
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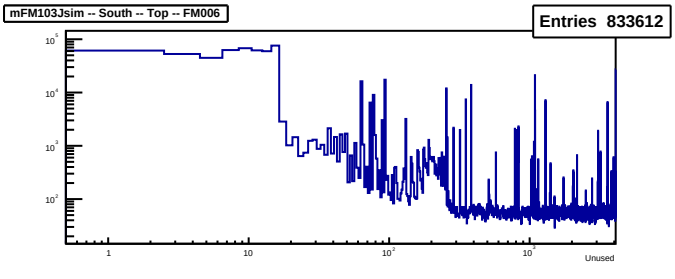
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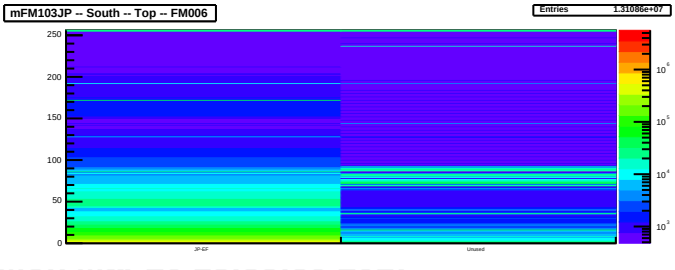
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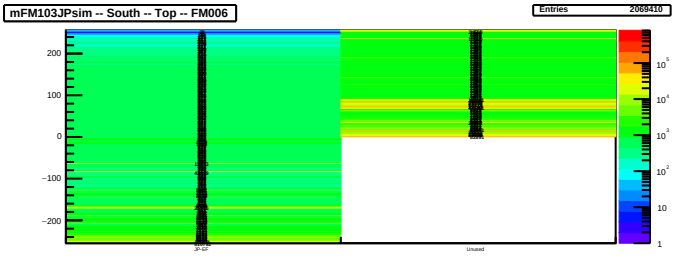
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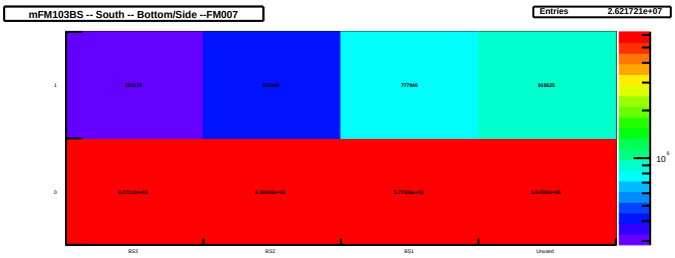
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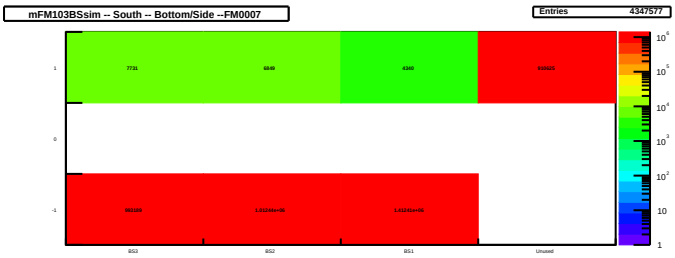
Entries 2.621721e+07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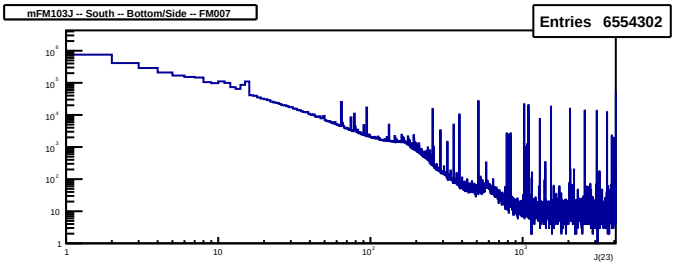
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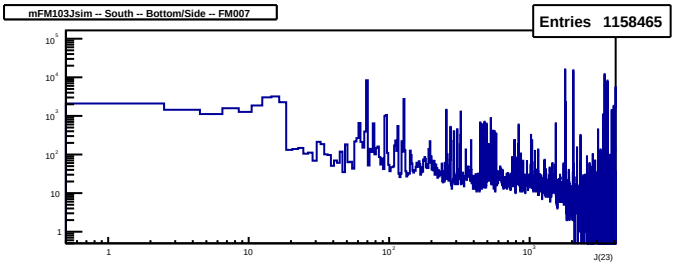
Entries 6554302
J(23)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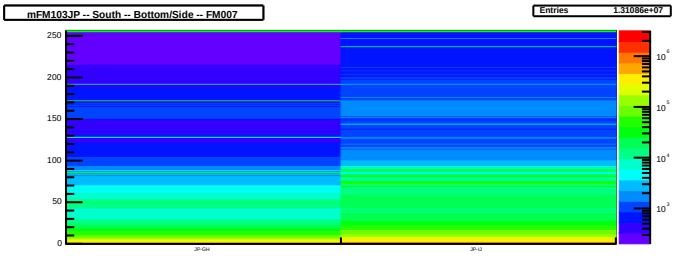
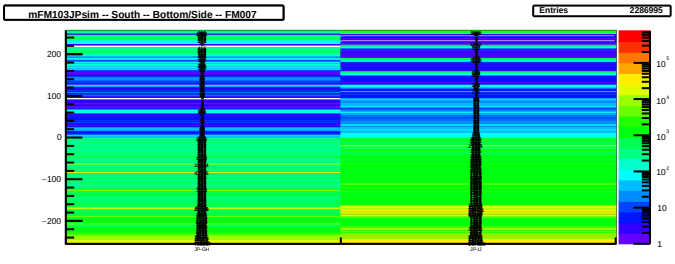

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.31086e+07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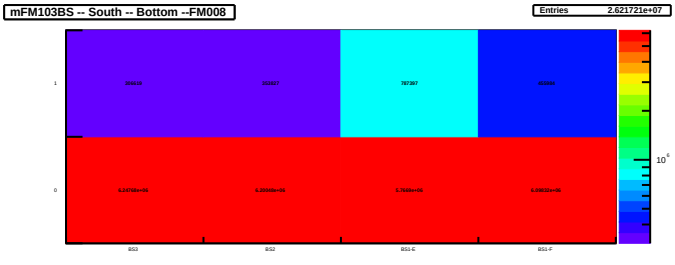
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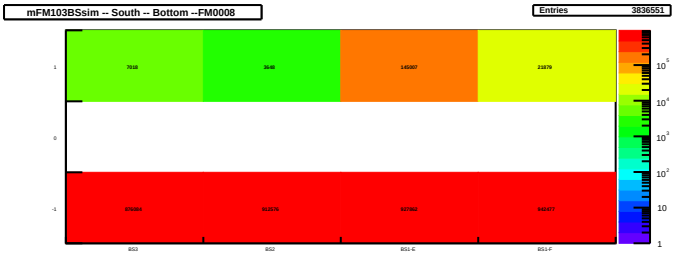
Entries 2.621721e+07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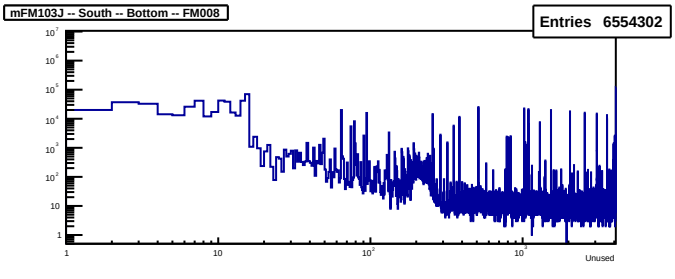
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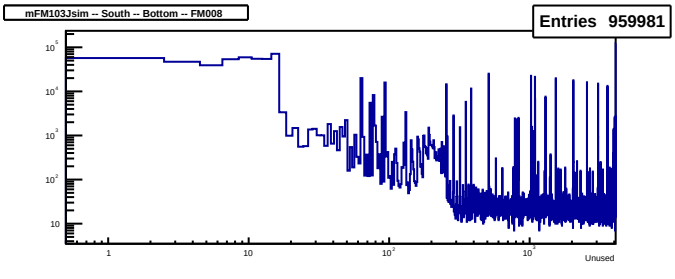
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Entries 959981
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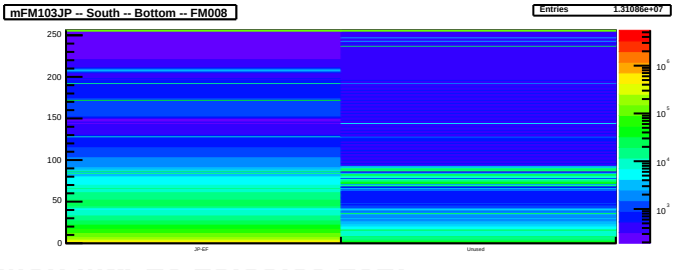
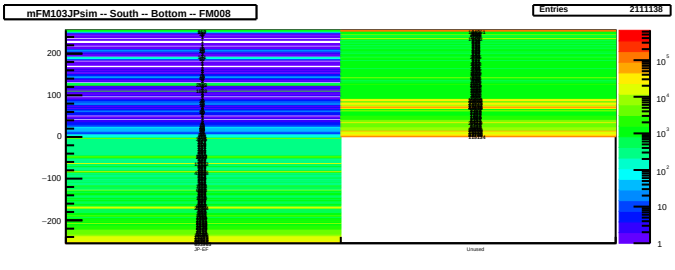
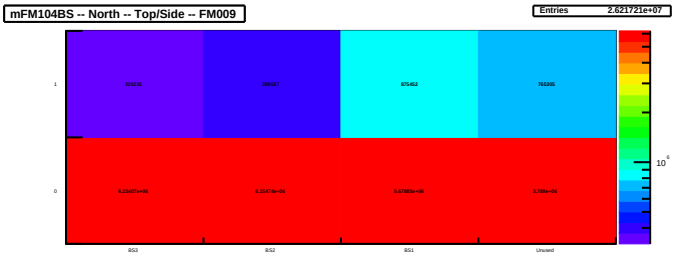
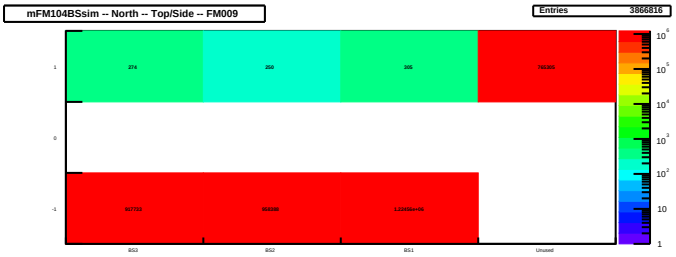
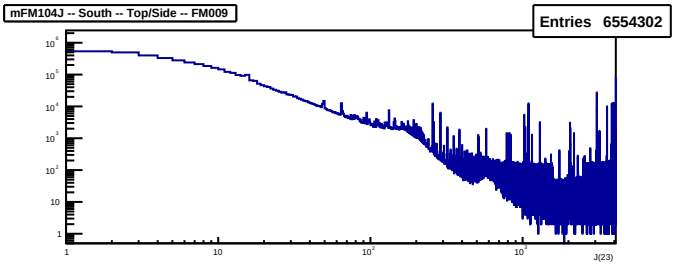
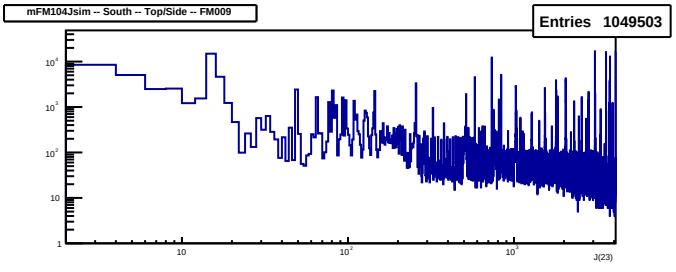

mFM103JP -- South -- Bottom -- FM008
Entries 1.31086e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 2111138


mFM104BS -- North -- Top/Side -- FM009
Entries 2.621721e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 3866816


mFM104J -- South -- Top/Side -- FM009
Entries 6554302
J(23)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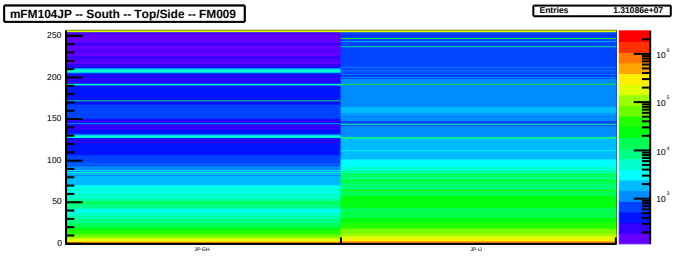
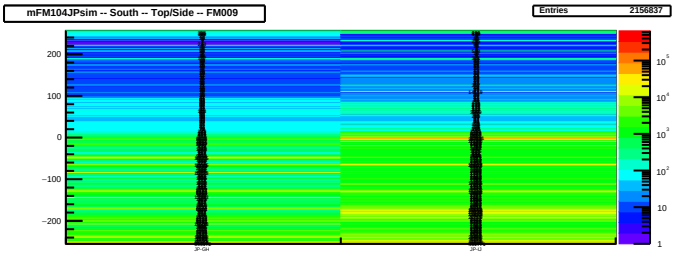
Entries 1049503
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.31086e+07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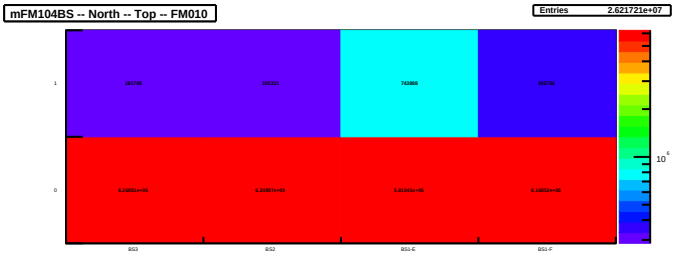
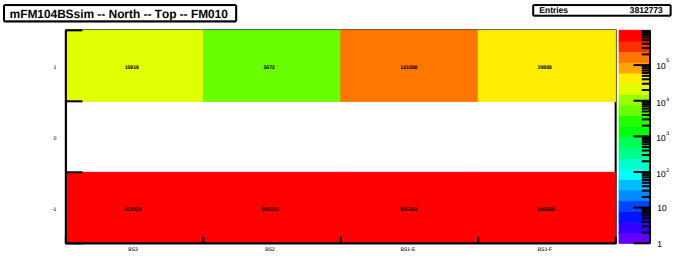
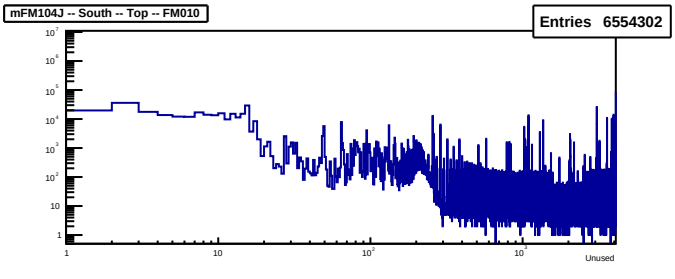
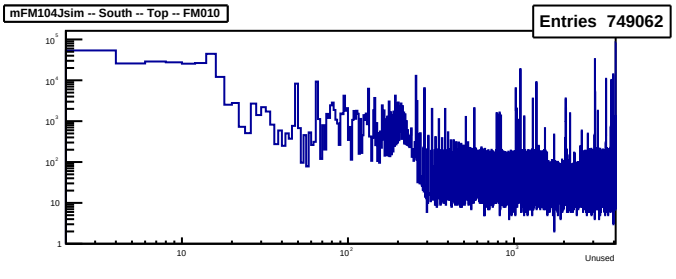
Entries 2156837


mFM104BS -- North -- Top -- FM010
Entries 2.621721e+07


mFM104BSsim -- North -- Top -- FM010
Entries 3812773


mFM104J -- South -- Top -- FM010
Entries 6554302
Unused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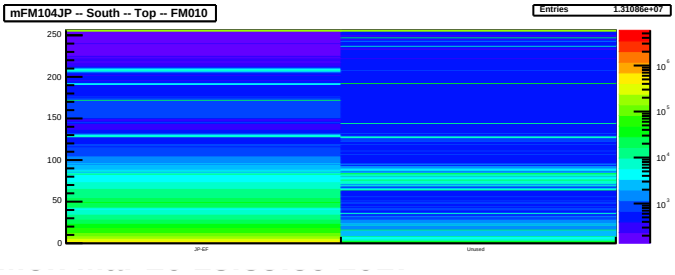
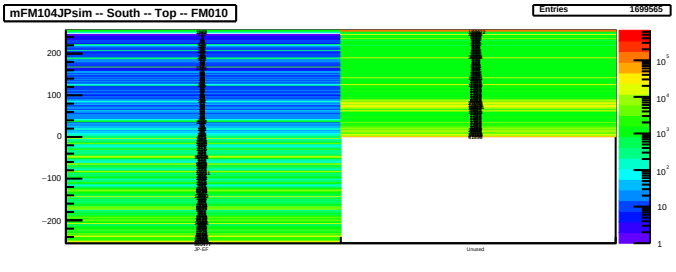
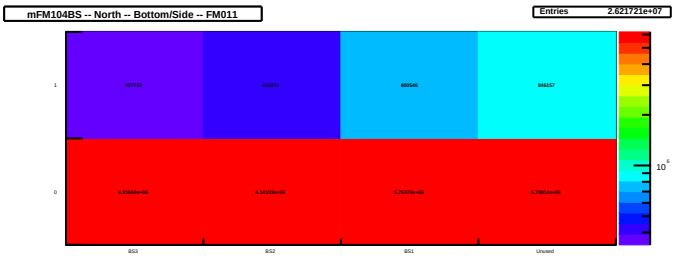
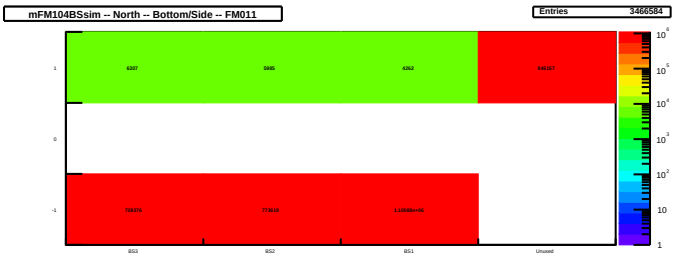
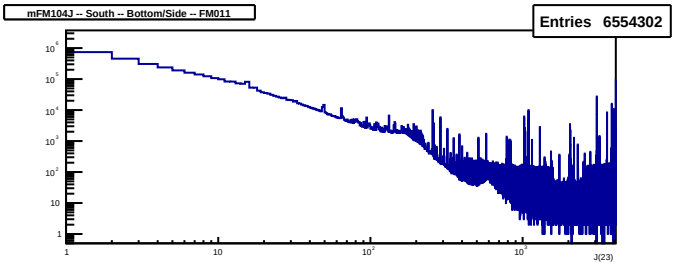
Entries 749062
Unused

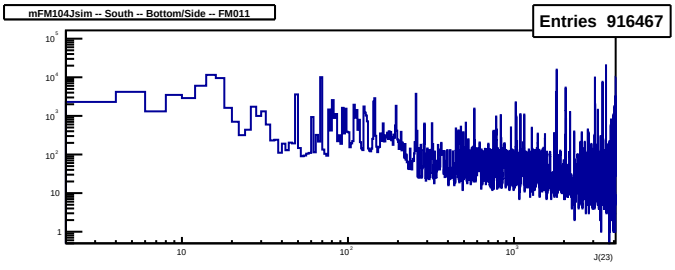

mFM104JP -- South -- Top -- FM010
Entries 1.31086e+07

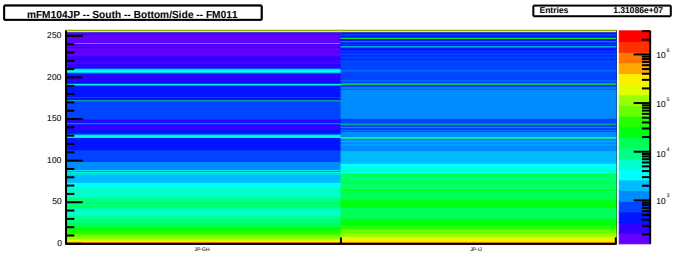

mFM104JPsim -- South -- Top -- FM010
Entries 1699565

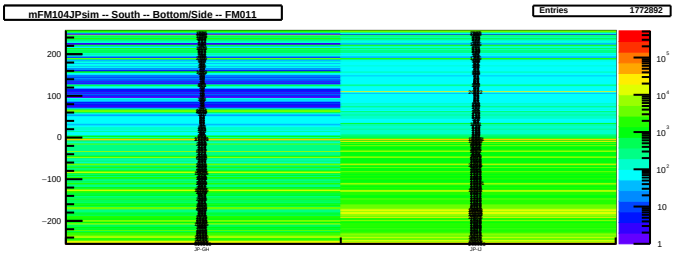

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.621721e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3466584


mFM104J -- South -- Bottom/Side -- FM011
Entries 6554302
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 916467
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.31086e+07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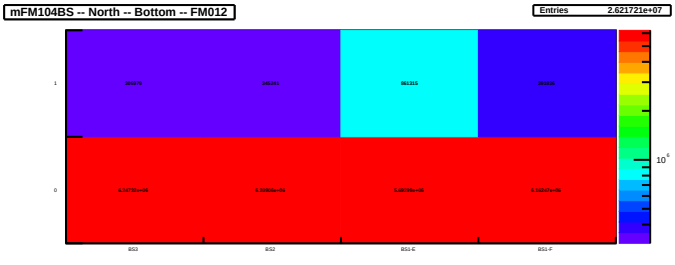
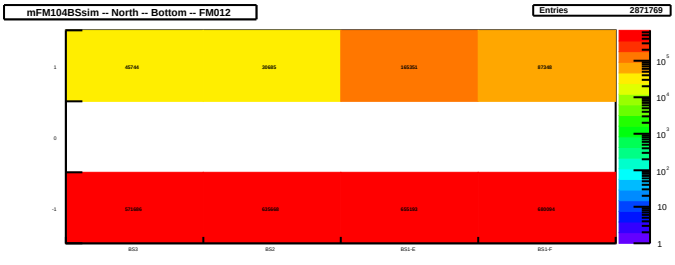
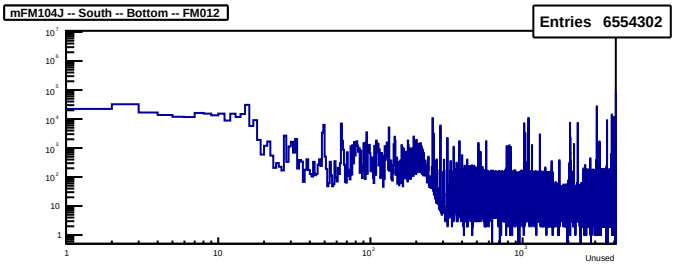
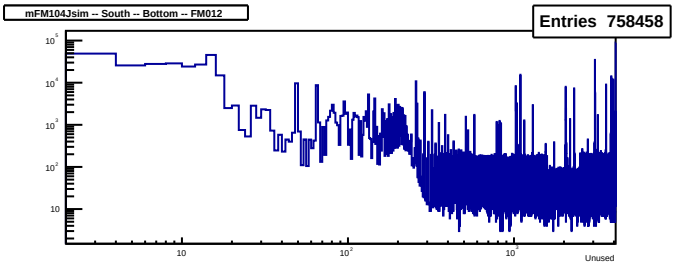
Entries 1772892


mFM104BS -- North -- Bottom -- FM012
Entries 2.621721e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 2871769


mFM104J -- South -- Bottom -- FM012
Entries 6554302
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 758458
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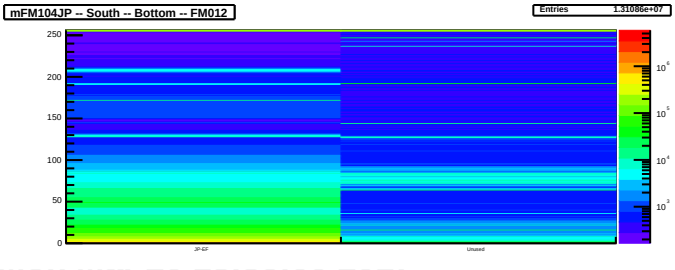
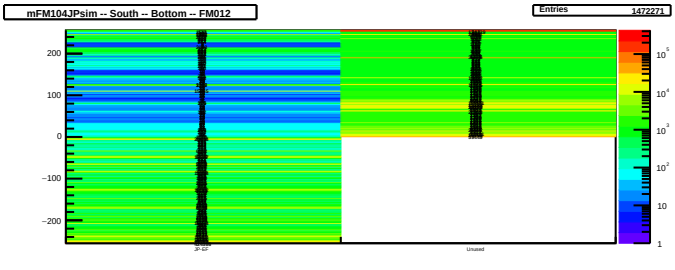
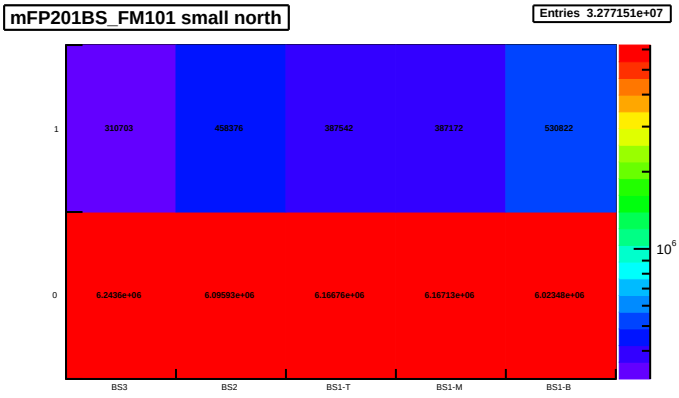
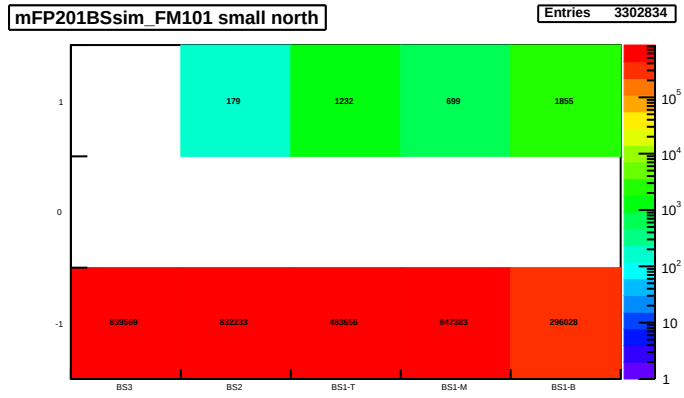
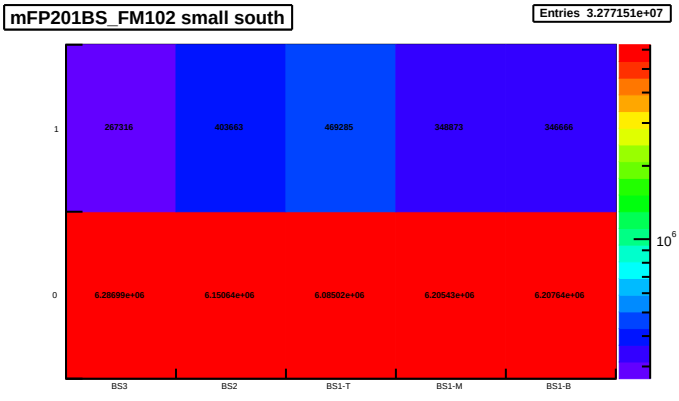
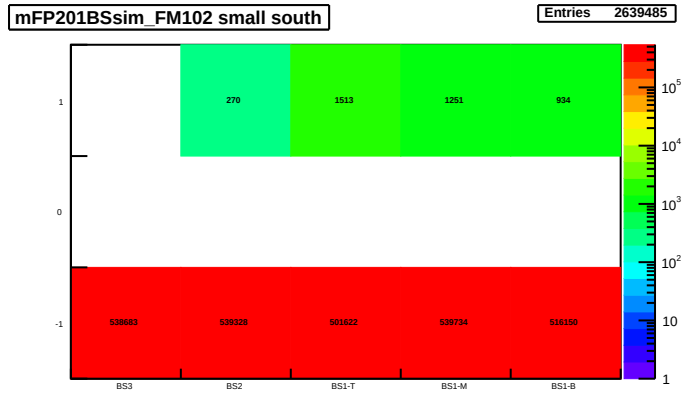

mFM104JP -- South -- Bottom -- FM012
Entries 1.31086e+07

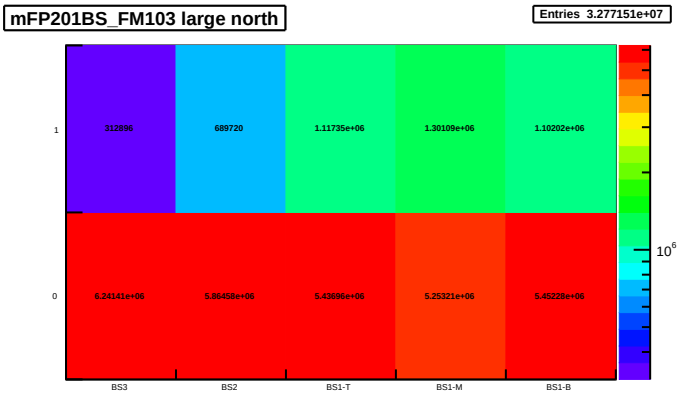

mFM104JPsim -- South -- Bottom -- FM012
Entries 1472271

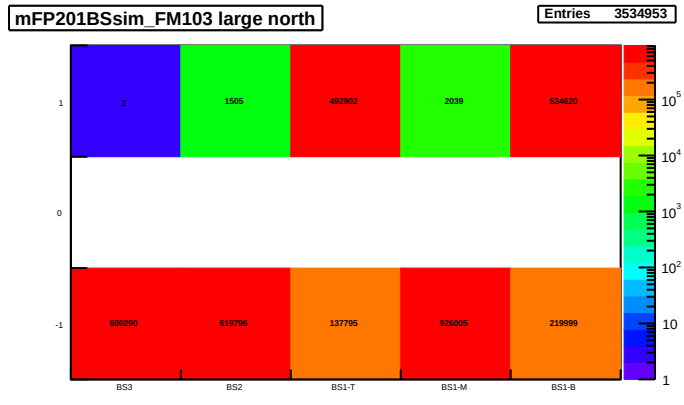

mFP201BS_FM101 small north
Entries 3.277151e+07
310703
458376
387542
387172
530822
6.2436e+06
6.09593e+06
6.16676e+06
6.16713e+06
6.02348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

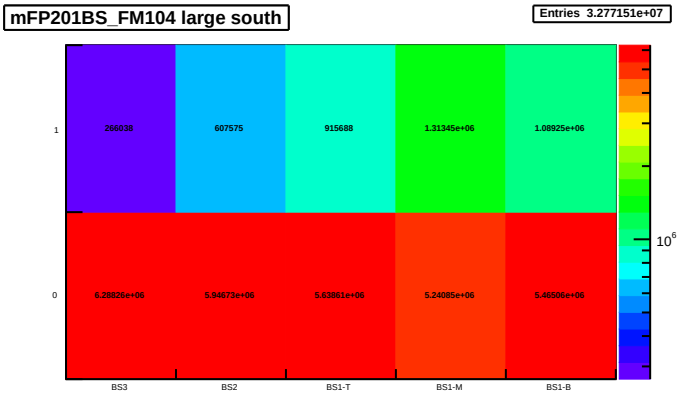

mFP201BSsim_FM101 small north
Entries 3302834
179
1232
699
1855
839569
832233
483656
847383
296028
BS3
BS2
BS1-T
BS1-M
BS1-B

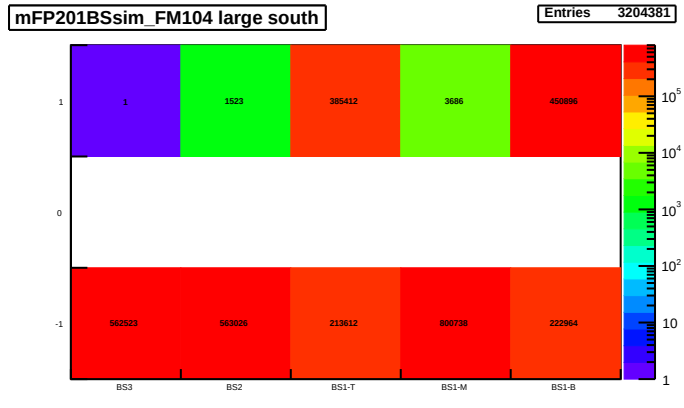

mFP201BS_FM102 small south
Entries 3.277151e+07
267316
403663
469285
348873
346666
6.28699e+06
6.15064e+06
6.08502e+06
6.20543e+06
6.20764e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

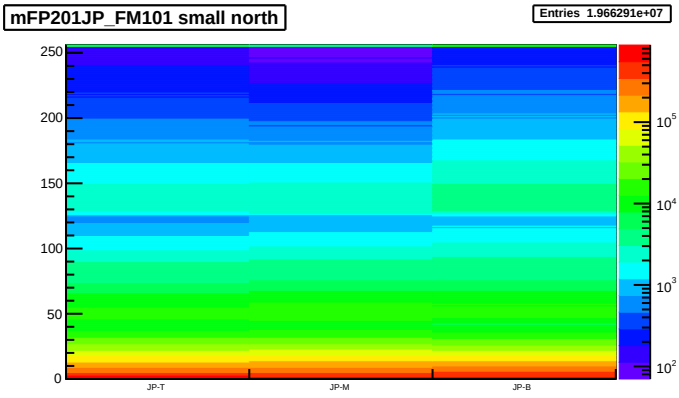

mFP201BSsim_FM102 small south
Entries 2639485
270
1513
1251
934
538683
539328
501622
539734
516150
BS3
BS2
BS1-T
BS1-M
BS1-B

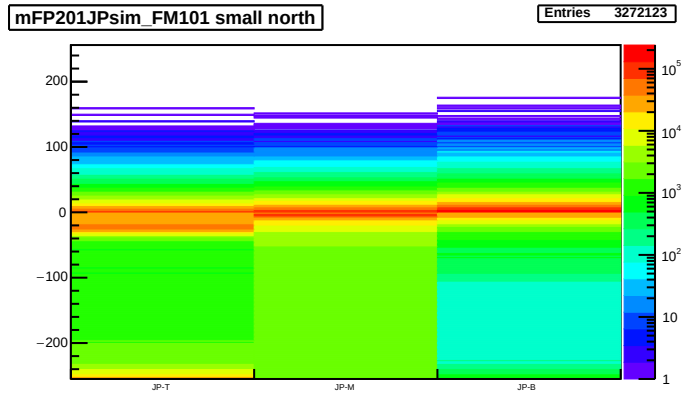

mFP201BS_FM103 large north
Entries 3.277151e+07
312896
689720
1.11735e+06
1.30109e+06
1.10202e+06
6.24141e+06
5.86458e+06
5.43696e+06
5.25321e+06
5.45228e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

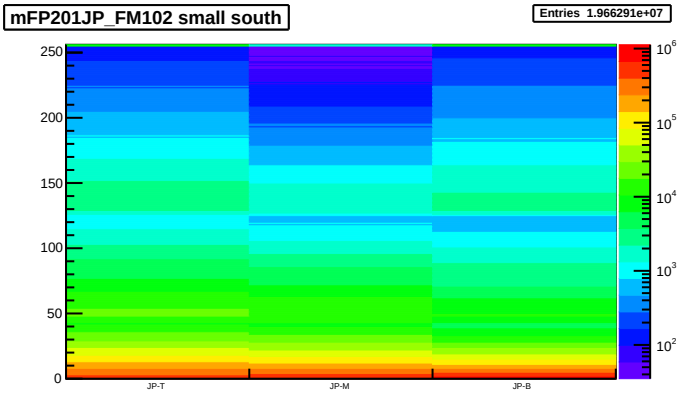

mFP201BSsim_FM103 large north
Entries 3534953
2
1505
492902
2039
534620
600290
619796
137795
926005
219999
BS3
BS2
BS1-T
BS1-M
BS1-B

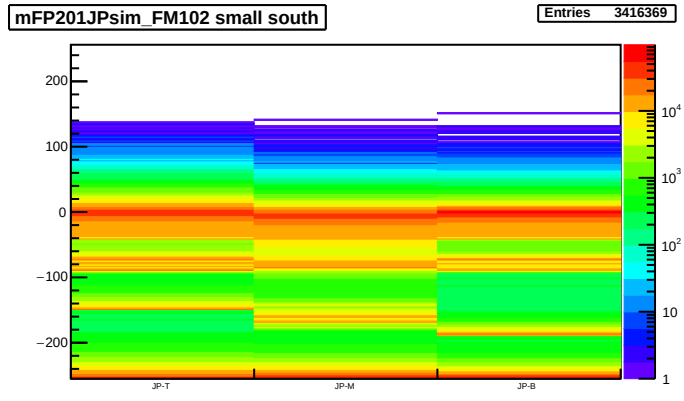

mFP201BS_FM104 large south
Entries 3.277151e+07
266038
607575
915688
1.31345e+06
1.08925e+06
6.28826e+06
5.94673e+06
5.63861e+06
5.24085e+06
5.46506e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

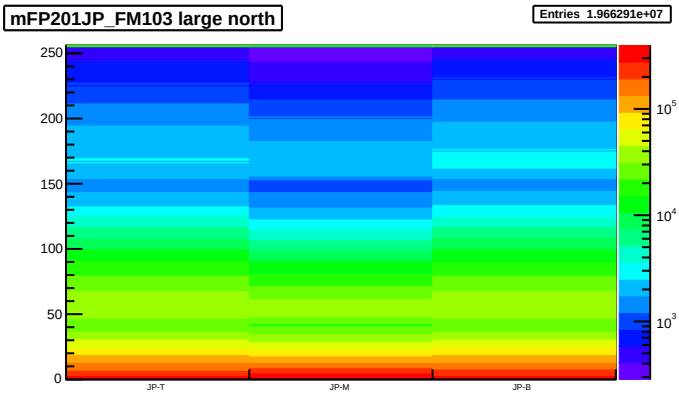

mFP201BSsim_FM104 large south
Entries 3204381
1
1523
385412
3686
450896
562523
563026
213612
800738
222964
BS3
BS2
BS1-T
BS1-M
BS1-B

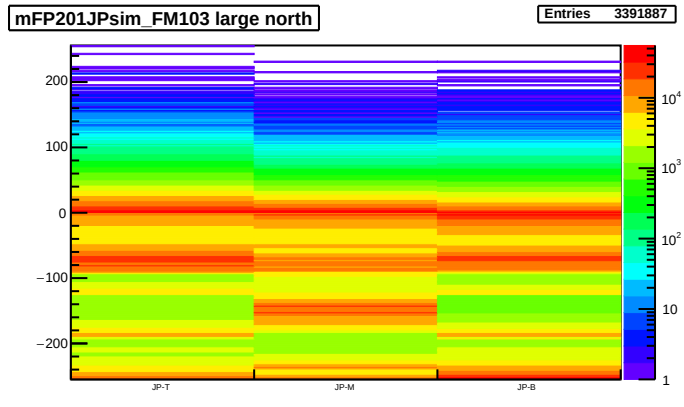

mFP201JP_FM101 small north
Entries 1.966291e+07
JP-T
JP-M
JP-B

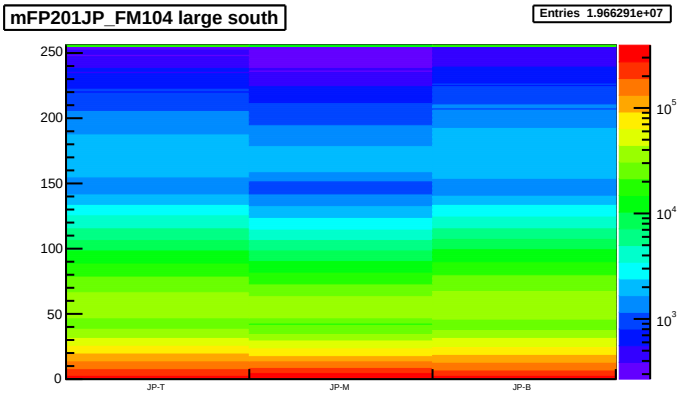

mFP201JPsim_FM101 small north
Entries 3272123
JP-T
JP-M
JP-B

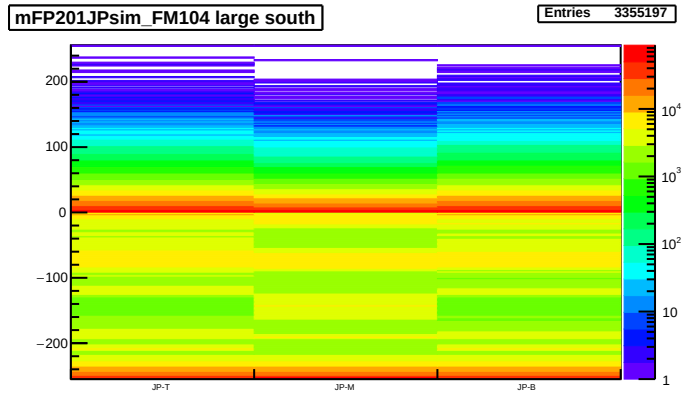

mFP201JP_FM102 small south
Entries 1.966291e+07
JP-T
JP-M
JP-B

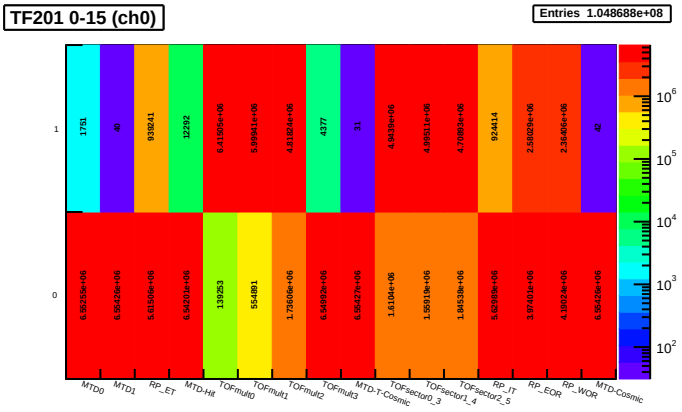

mFP201JPsim_FM102 small south
Entries 3416369
JP-T
JP-M
JP-B

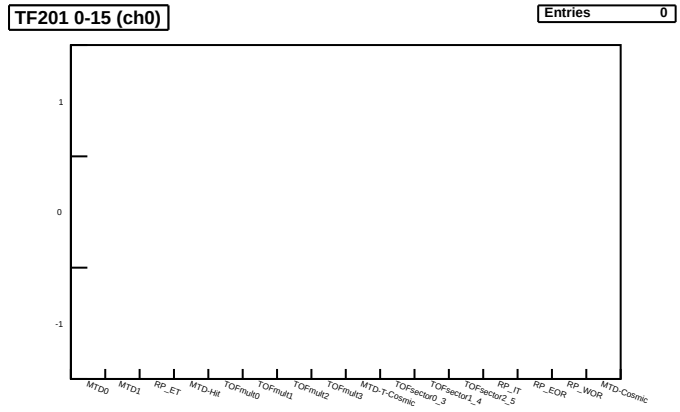

mFP201JP_FM103 large north
Entries 1.966291e+07
JP-T
JP-M
JP-B

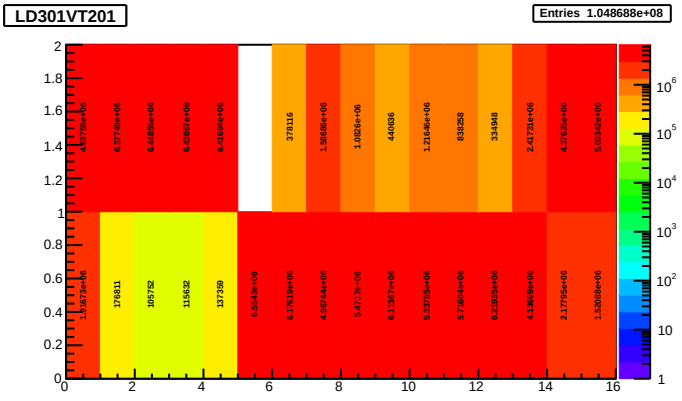

mFP201JPsim_FM103 large north
Entries 3391887
JP-T
JP-M
JP-B

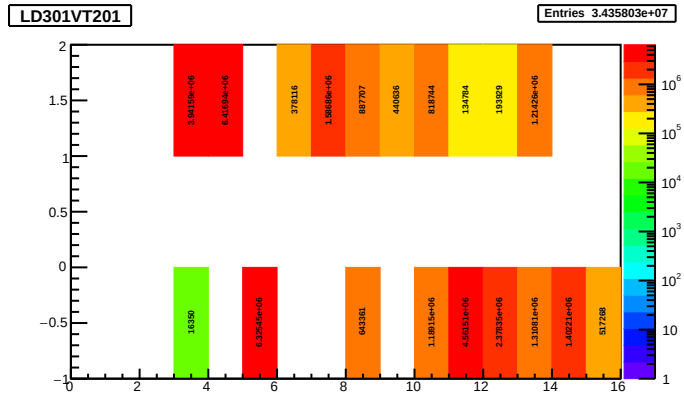

mFP201JP_FM104 large south
Entries 1.966291e+07
JP-T
JP-M
JP-B

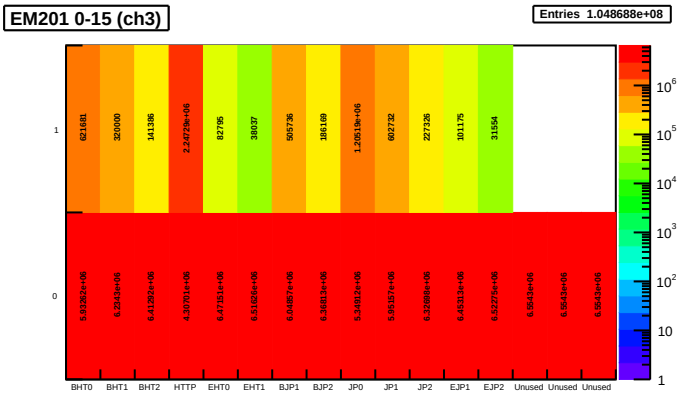

mFP201JPsim_FM104 large south
Entries 3355197
JP-T
JP-M
JP-B

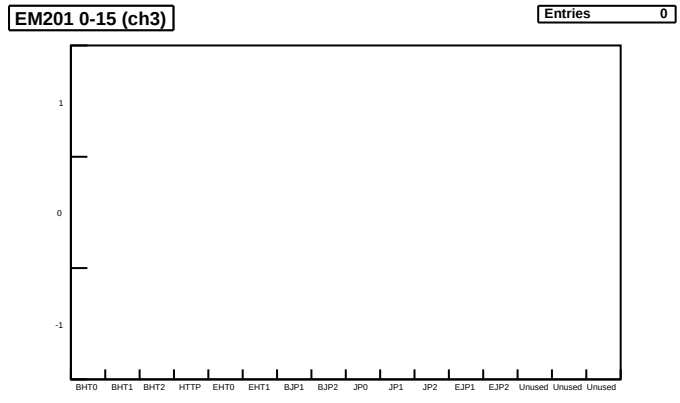

TF201 0-15 (ch0)
Entries 1.048688e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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 1.048688e+08


LD301VT201
Entries 3.435803e+07


EM201 0-15 (ch3)
Entries 1.048688e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused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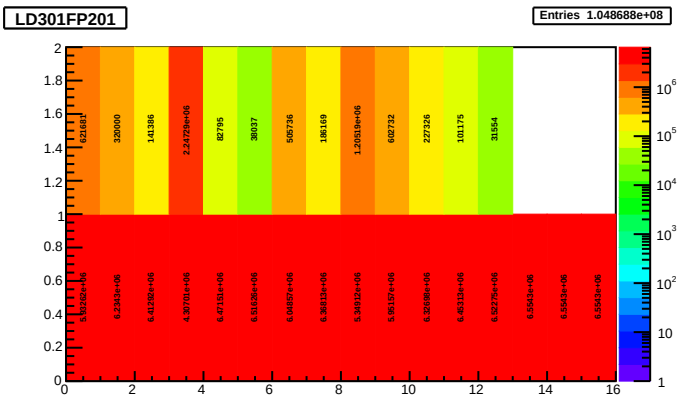
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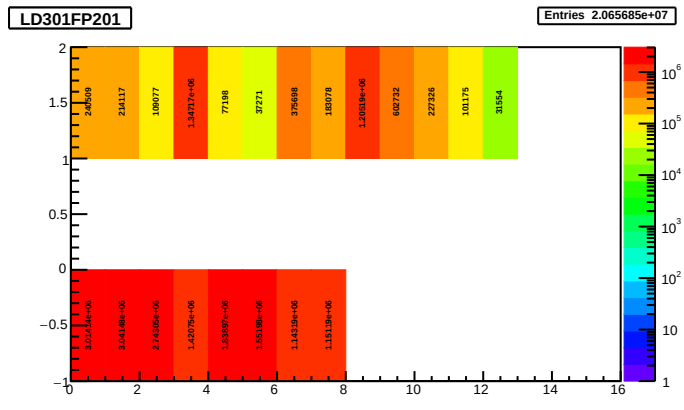
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