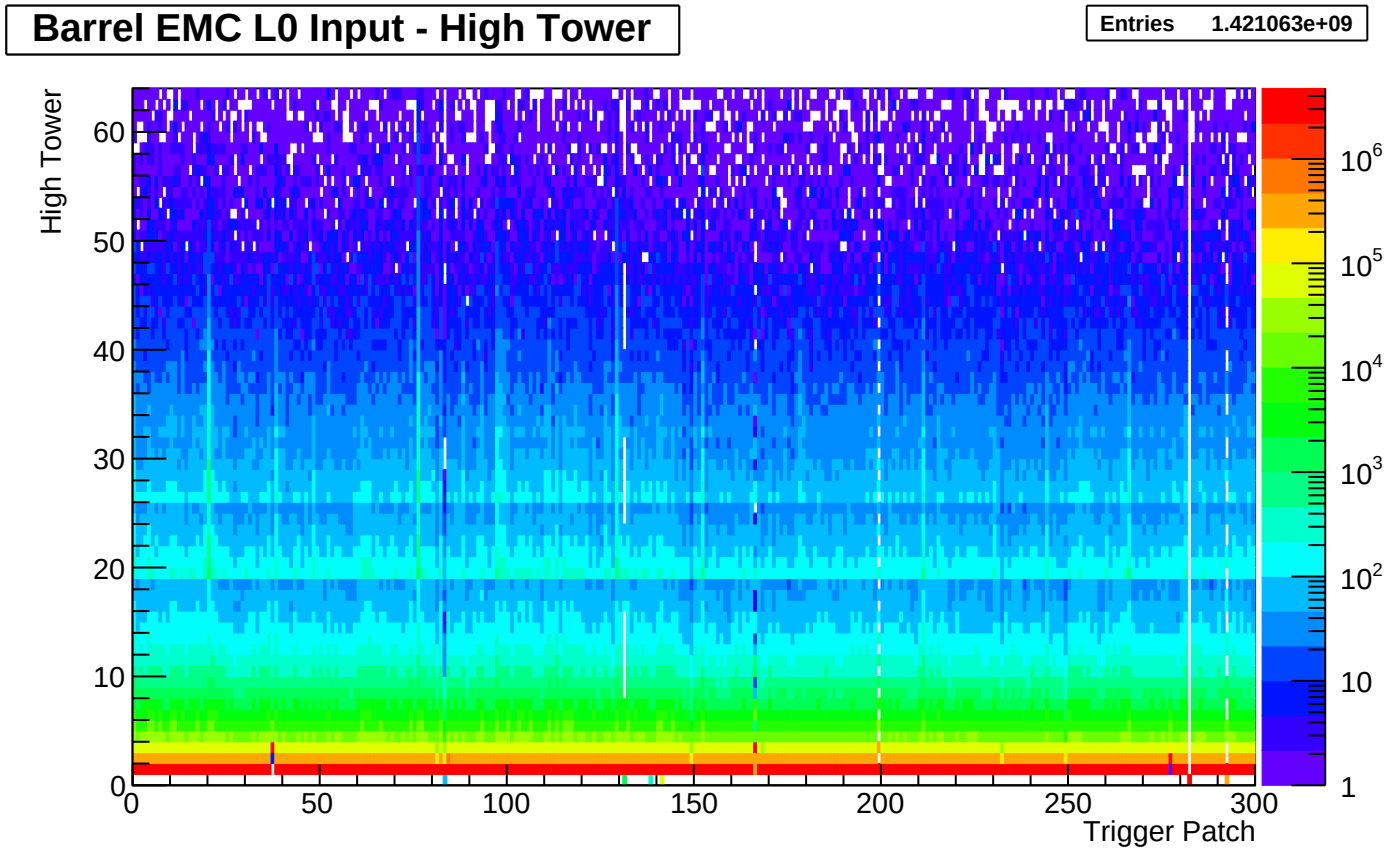
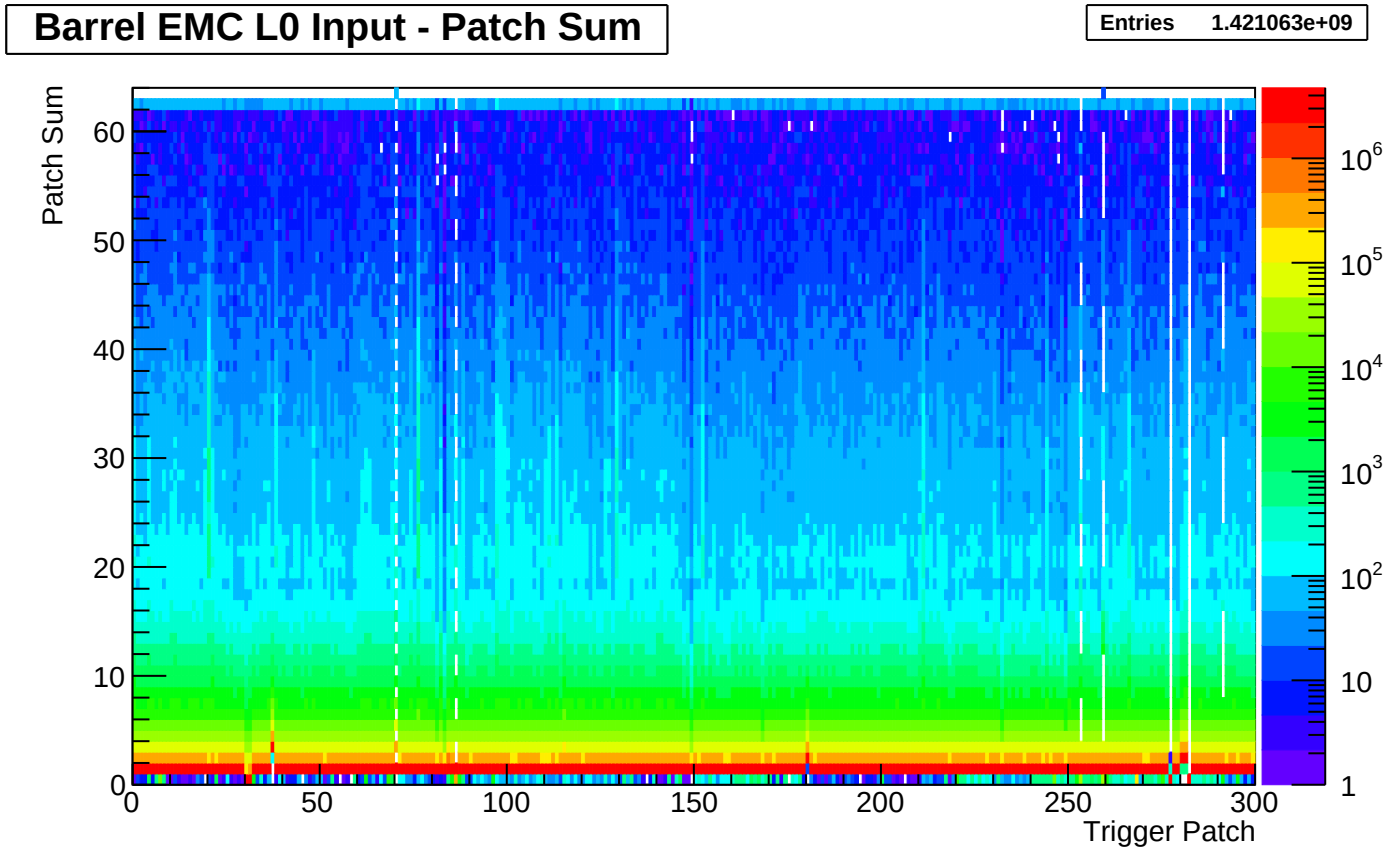
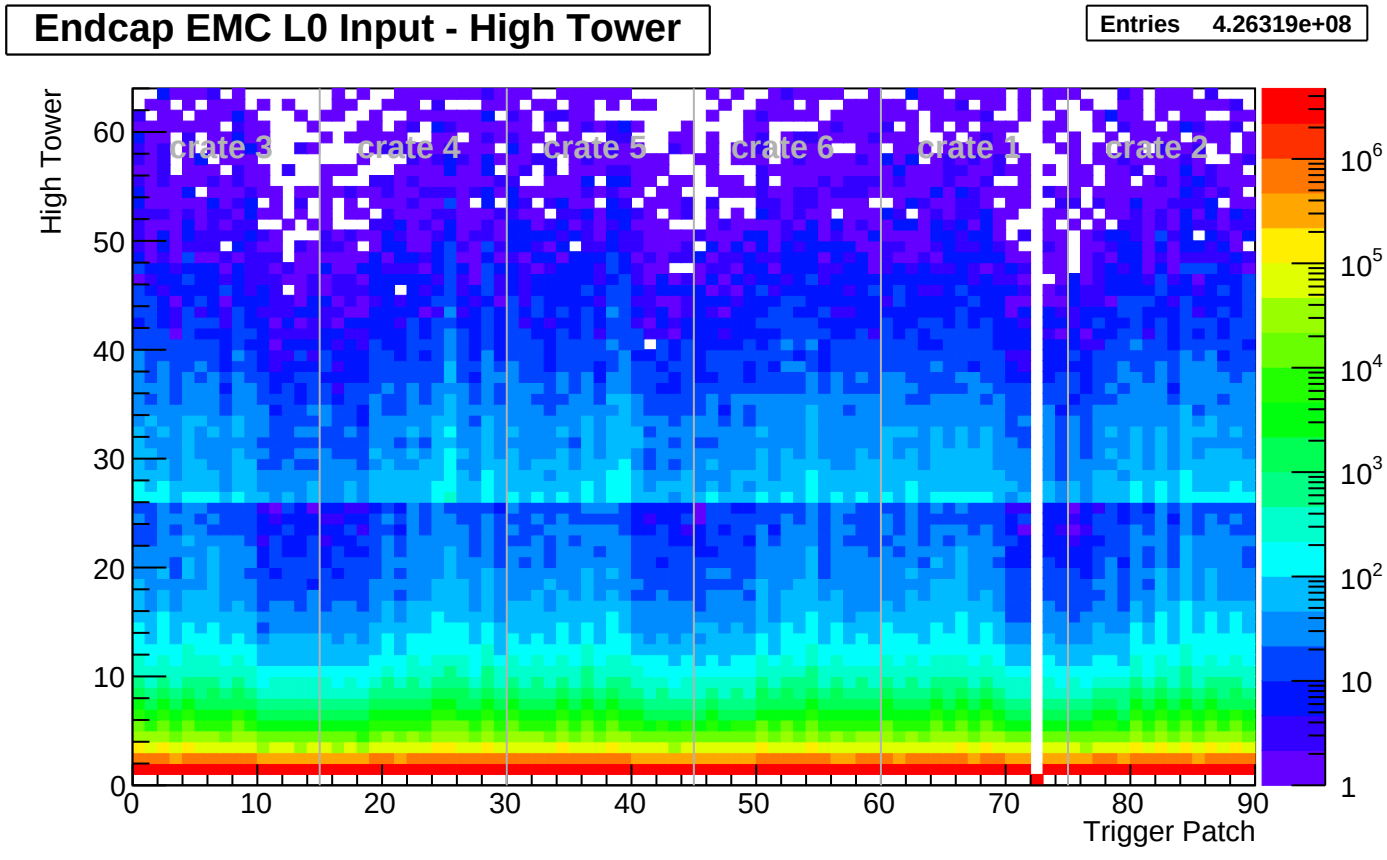
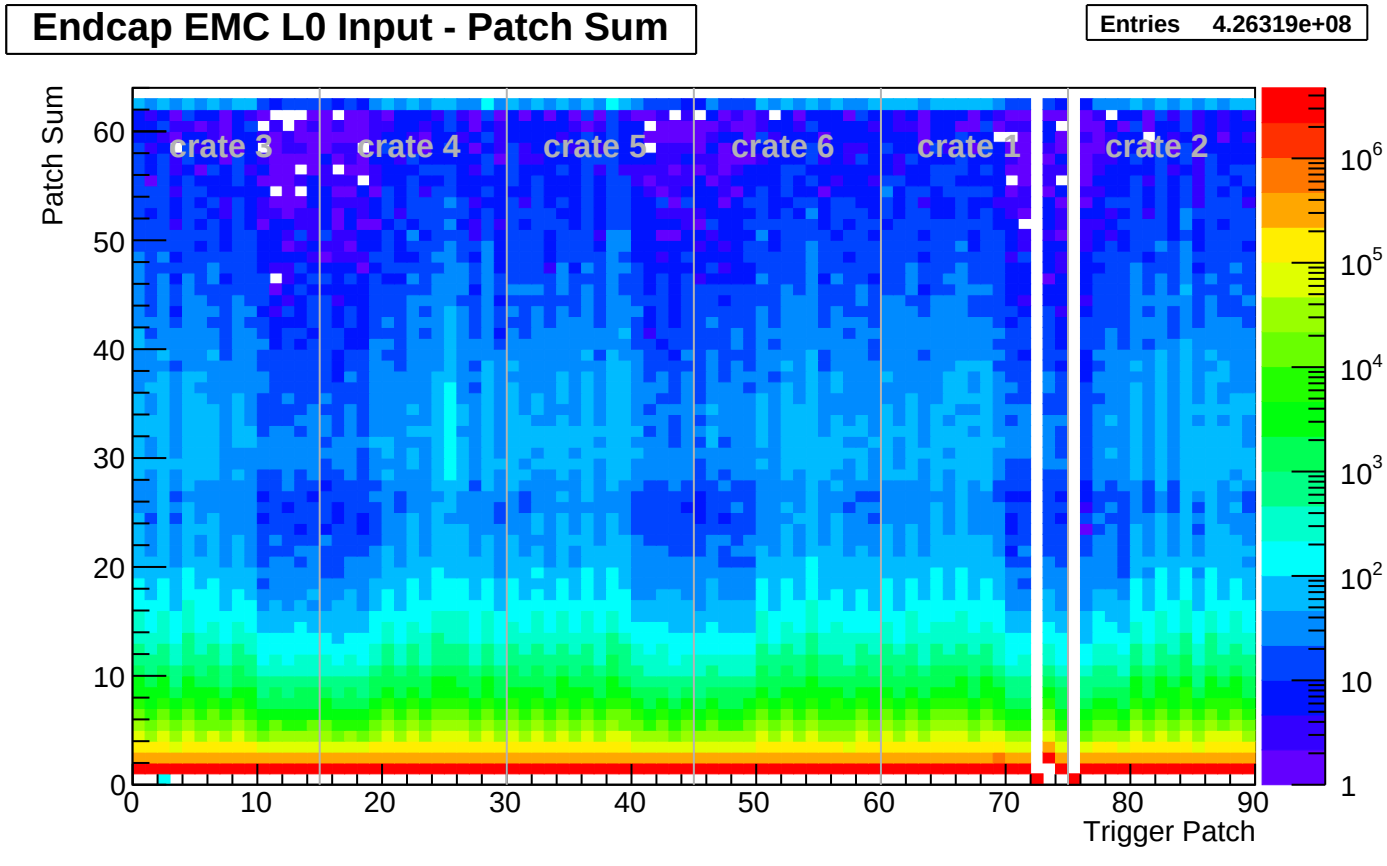
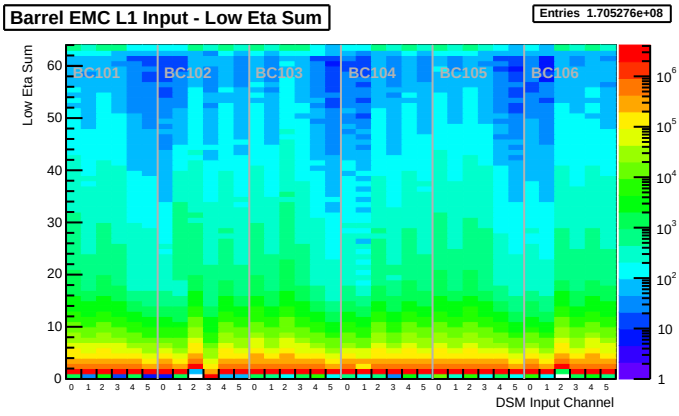
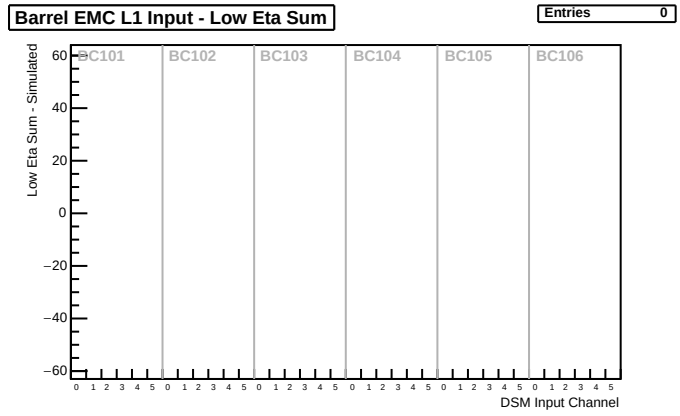

Barrel EMC L0 Input - High Tower
Entries 1.421063e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

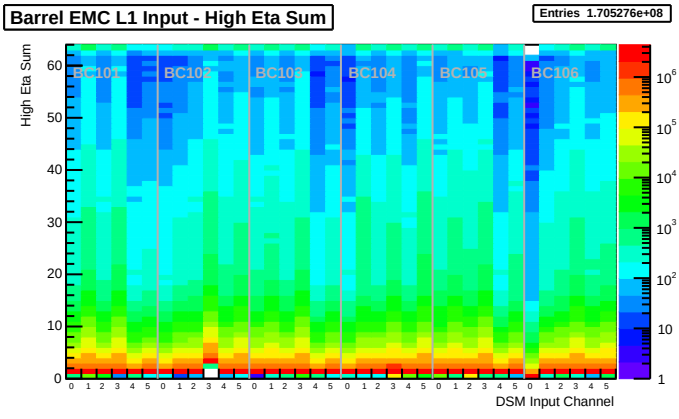

Barrel EMC L0 Input - Patch Sum
Entries 1.421063e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

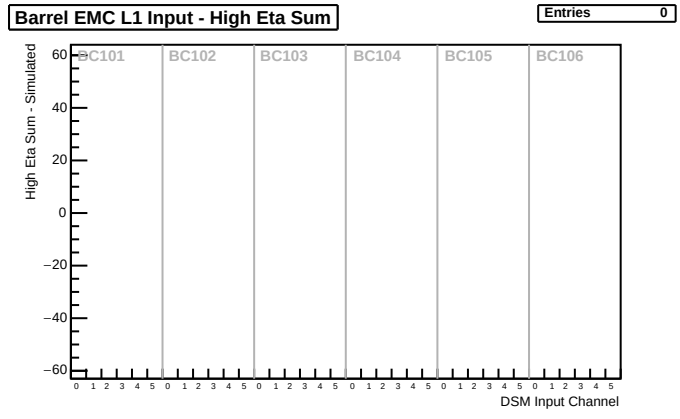

Endcap EMC L0 Input - High Tower
Entries 4.26319e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

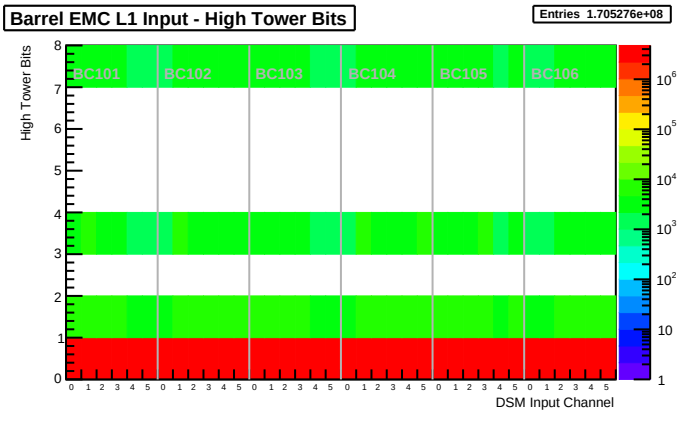

Endcap EMC L0 Input - Patch Sum
Entries 4.26319e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

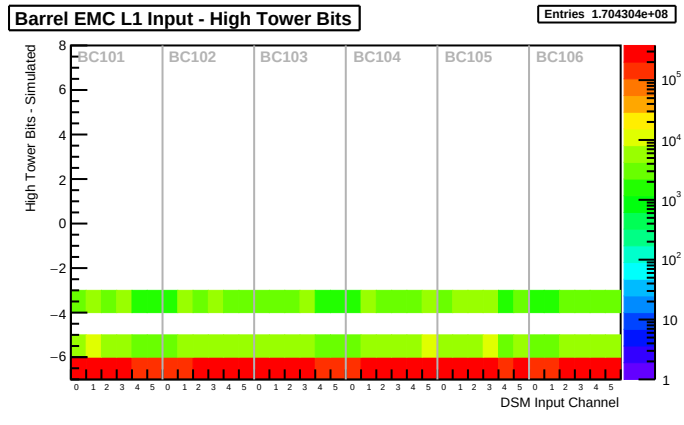

Barrel EMC L1 Input - Low Eta Sum
Entries 1.705276e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

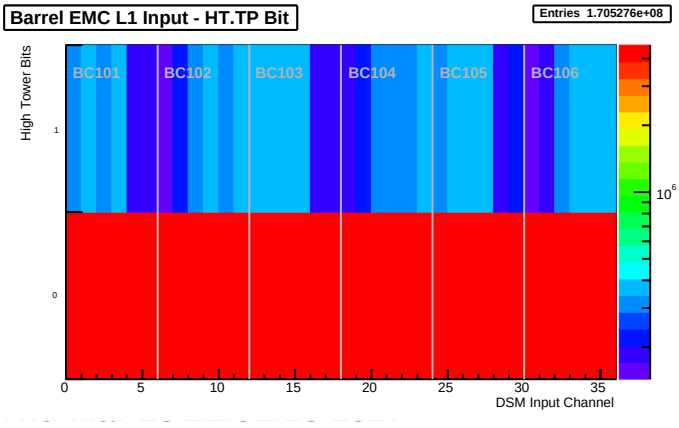

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

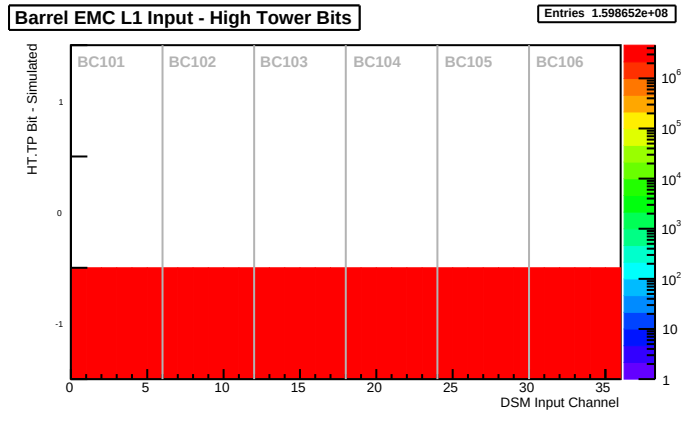

Barrel EMC L1 Input - High Eta Sum
Entries 1.705276e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

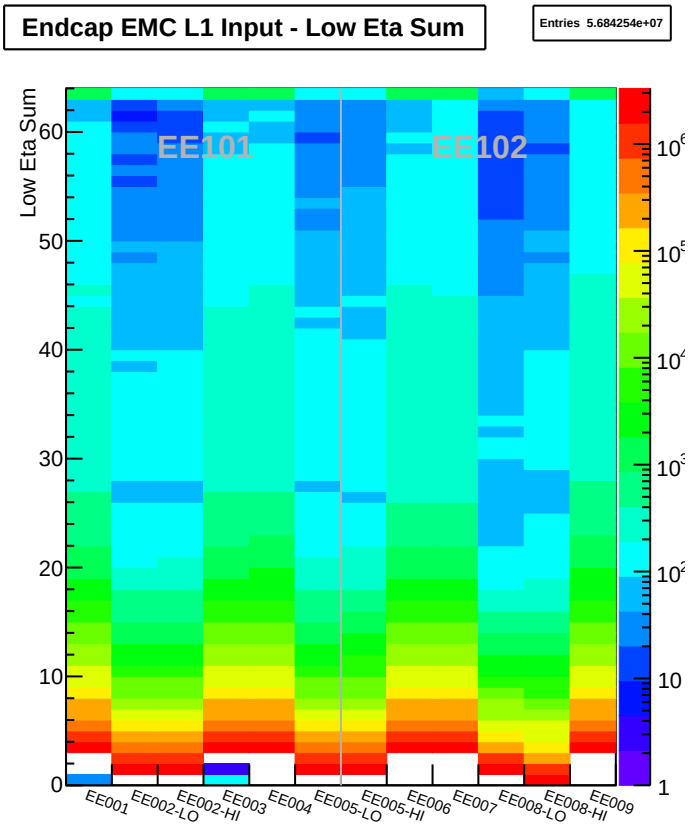

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

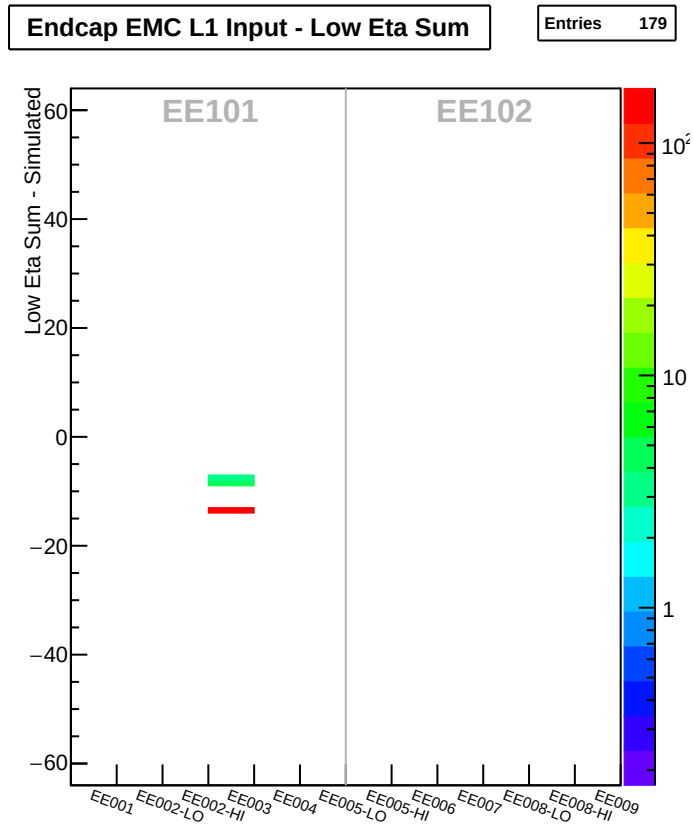

Barrel EMC L1 Input - High Tower Bits
Entries 1.705276e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

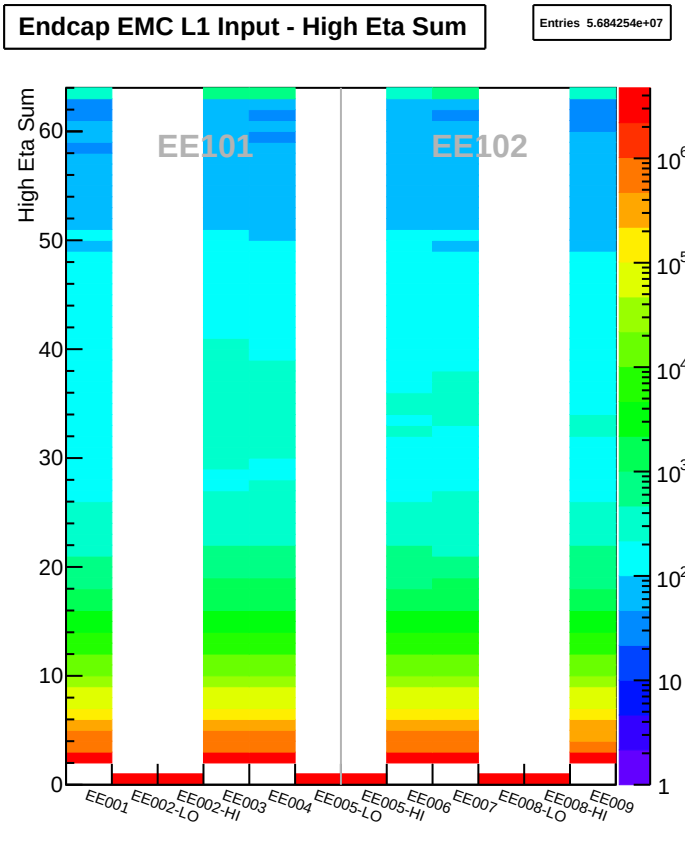

Barrel EMC L1 Input - High Tower Bits
Entries 1.704304e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

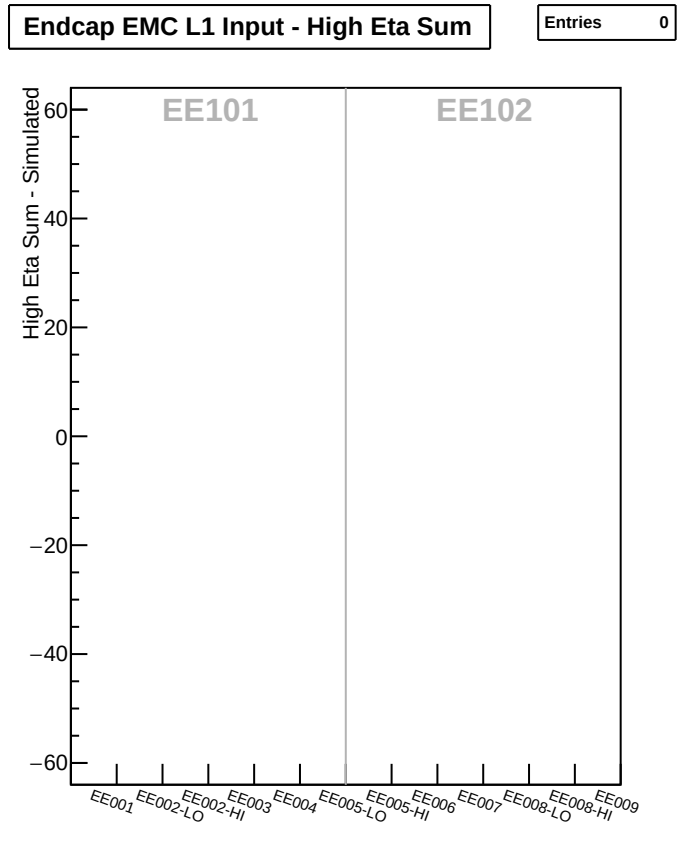

Barrel EMC L1 Input - HT.TP Bit
Entries 1.705276e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

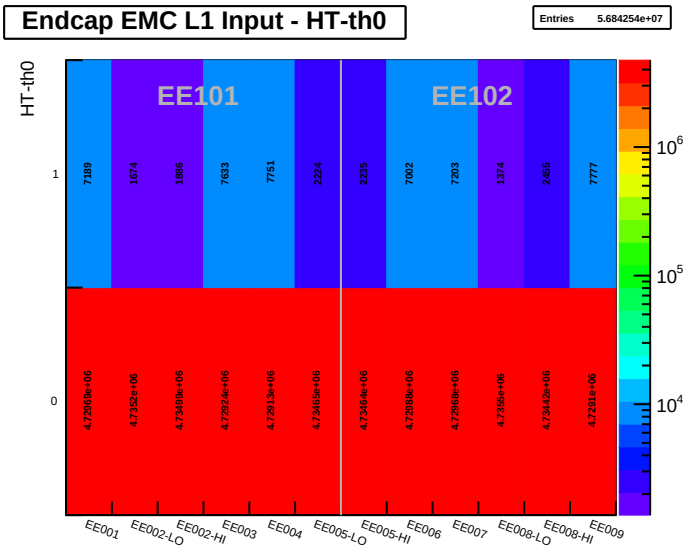

Barrel EMC L1 Input - High Tower Bits
Entries 1.598652e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

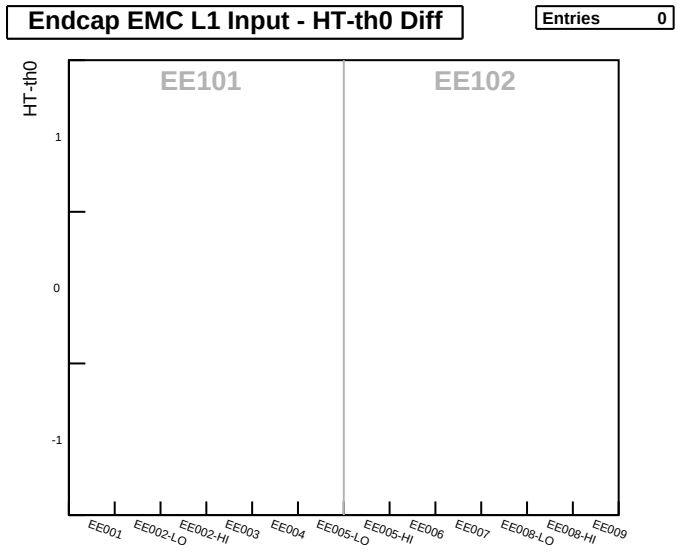

Endcap EMC L1 Input - Low Eta Sum
Entries 5.684254e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

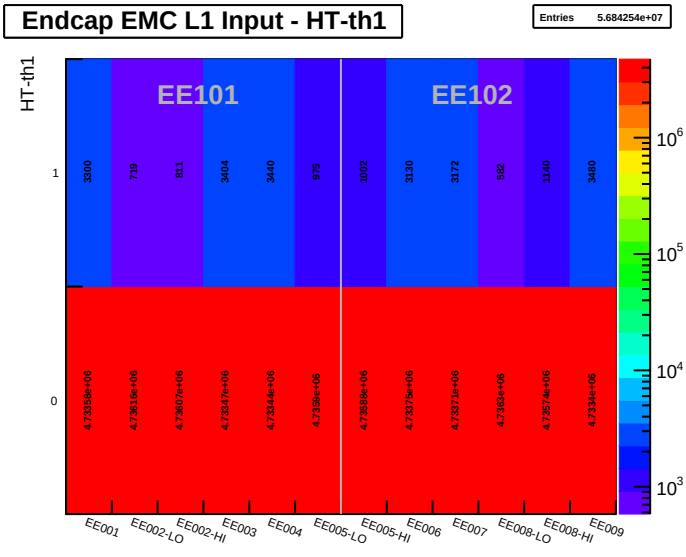

Endcap EMC L1 Input - Low Eta Sum
Entries 179
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

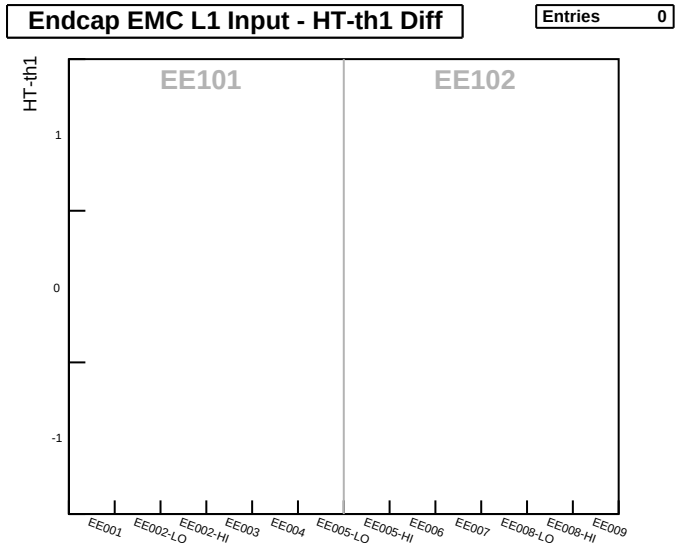

Endcap EMC L1 Input - High Eta Sum
Entries 5.684254e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

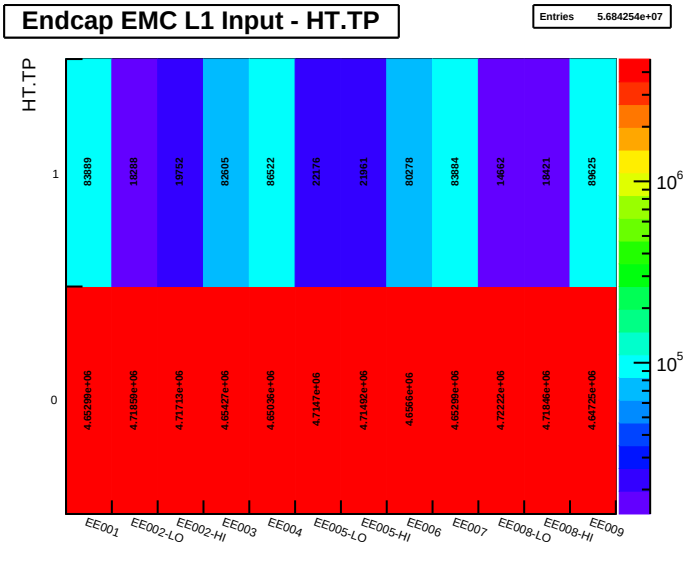

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

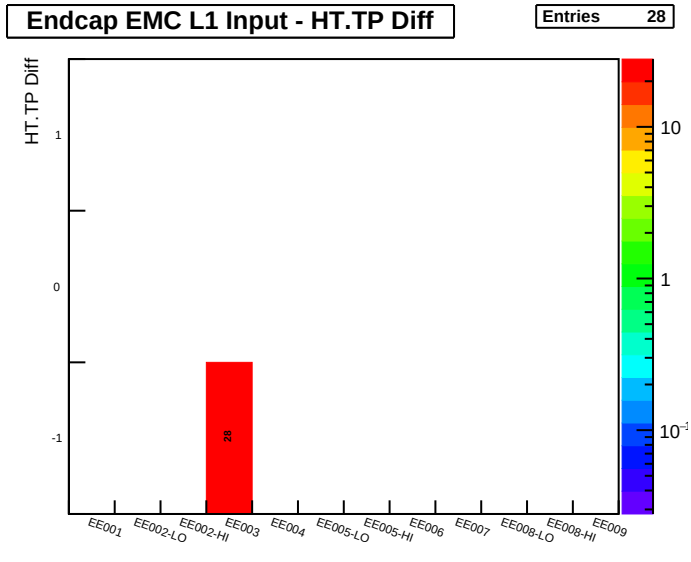

Endcap EMC L1 Input - HT-th0
Entries 5.684254e+07
HT-th0
EE101
EE102
7189 1674 1886 7633 7751 2224 2235 7002 7203 1374 2465 7777
4.72969e+06 4.7352e+06 4.73499e+06 4.72924e+06 4.72913e+06 4.73465e+06 4.73464e+06 4.72988e+06 4.72969e+06 4.7355e+06 4.73442e+06 4.7291e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

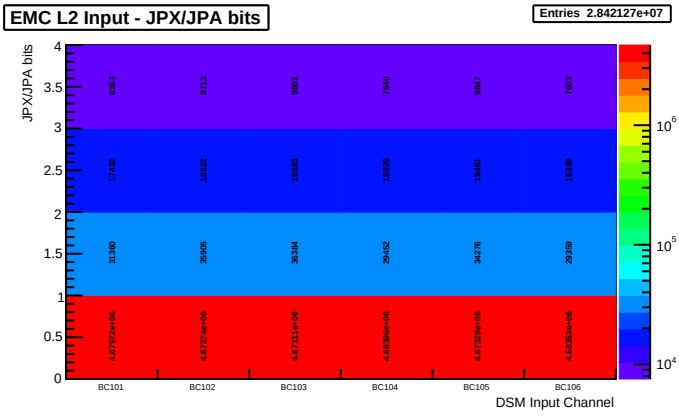

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

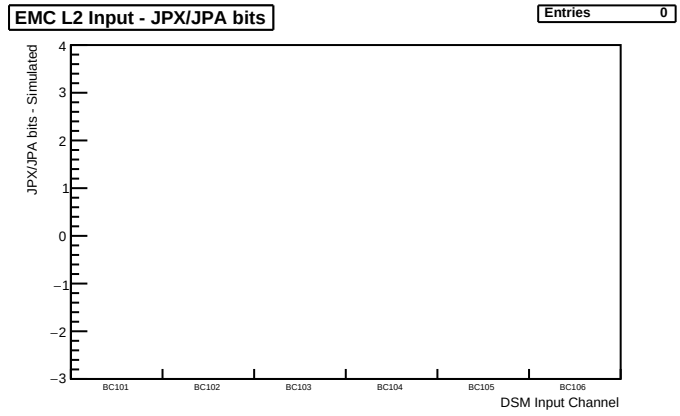

Endcap EMC L1 Input - HT-th1
Entries 5.684254e+07
HT-th1
EE101
EE102
3300 719 811 3404 3440 975 1002 3130 3172 582 1140 3480
4.73358e+06 4.73616e+06 4.73607e+06 4.73347e+06 4.73344e+06 4.7359e+06 4.73589e+06 4.73375e+06 4.73371e+06 4.7362e+06 4.73574e+06 4.7334e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

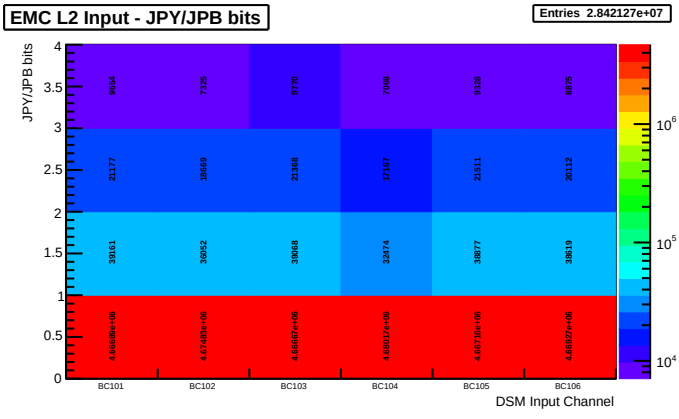

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

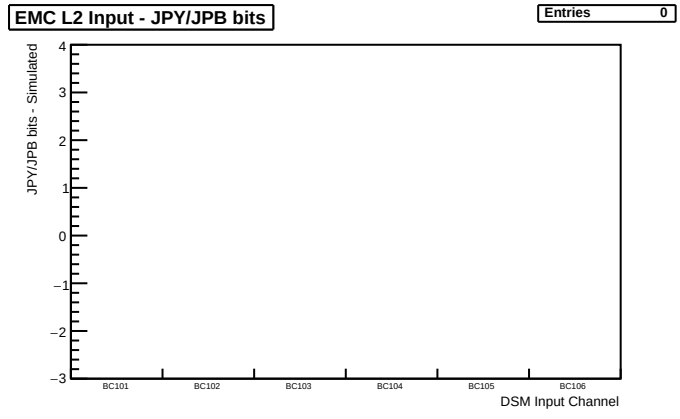

Endcap EMC L1 Input - HT.TP
Entries 5.684254e+07
HT.TP
83889 18288 19752 82605 86522 22176 23961 80278 83384 14662 18421 89625
4.65298e+06 4.71859e+06 4.71713e+06 4.65427e+06 4.65036e+06 4.7147e+06 4.71492e+06 4.6566e+06 4.65299e+06 4.72222e+06 4.71846e+06 4.64725e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

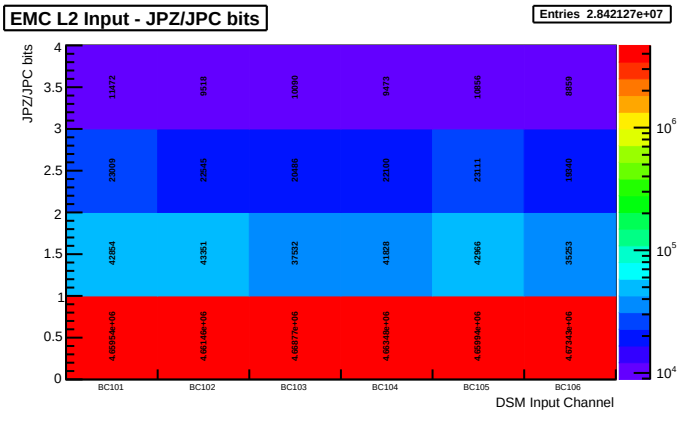

Endcap EMC L1 Input - HT.TP Diff
Entries 28
HT.TP Diff
28
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

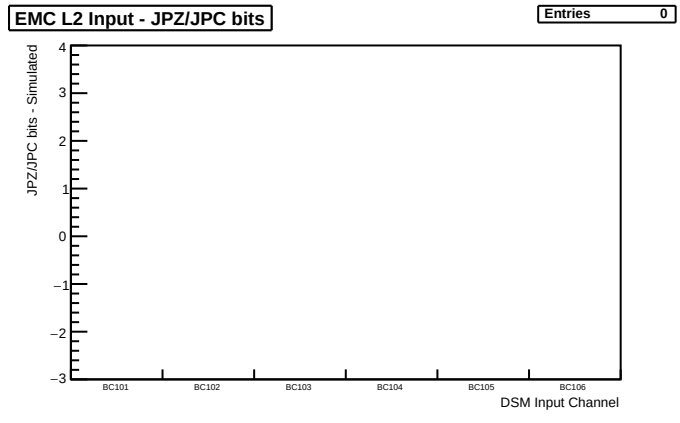

EMC L2 Input - JPX/JPA bits
Entries 2.842127e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8363
9713
9802
7540
9897
7603
17432
18322
19583
15928
19461
16389
31380
35905
36384
29452
34276
29359
4.67972e+06
4.67274e+06
4.67111e+06
4.68356e+06
4.67229e+06
4.68353e+06

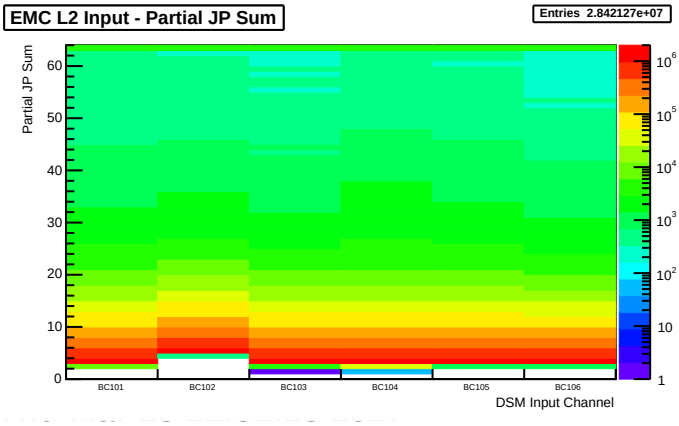

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

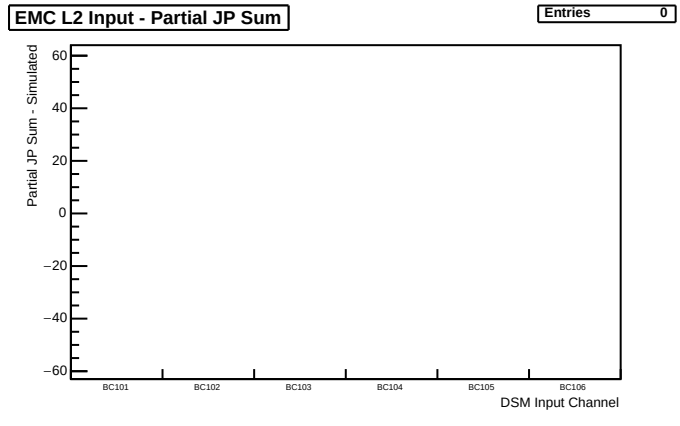

EMC L2 Input - JPY/JPB bits
Entries 2.842127e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9554
7325
9770
7068
9328
8875
21177
18669
21368
17167
21511
20112
39161
36952
39068
32474
38877
38619
4.66489e+06
4.67403e+06
4.66567e+06
4.68017e+06
4.66786e+06
4.66927e+06

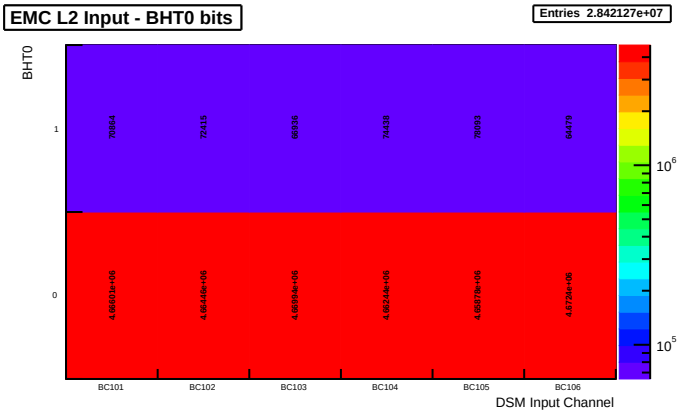

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

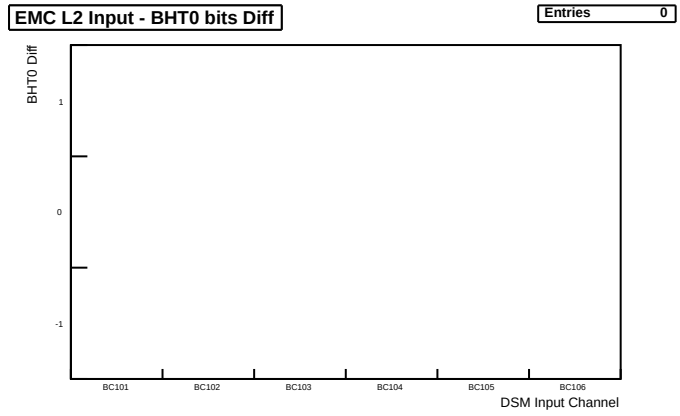

EMC L2 Input - JPZ/JPC bits
Entries 2.842127e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11472
9518
10090
9473
10856
8859
23309
22545
20486
22100
23111
19340
42854
43351
37522
41828
42966
35523
4.65954e+06
4.65146e+06
4.66876e+06
4.66348e+06
4.66994e+06
4.67343e+06

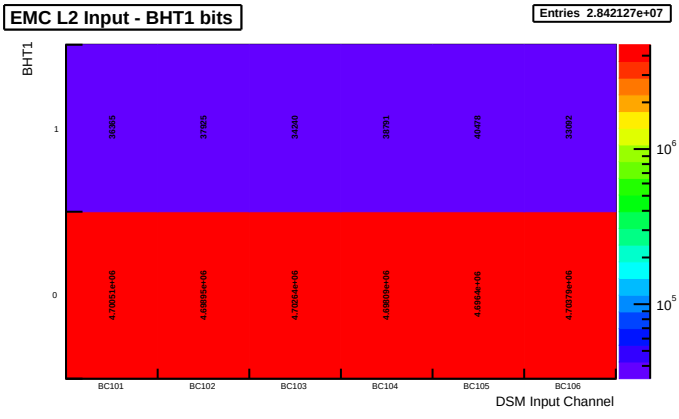

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

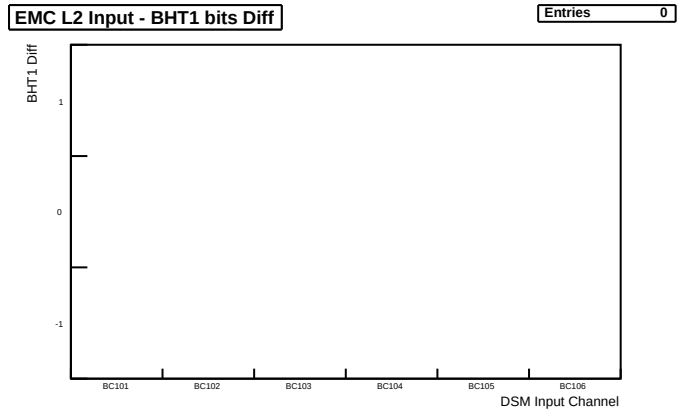

EMC L2 Input - Partial JP Sum
Entries 2.842127e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

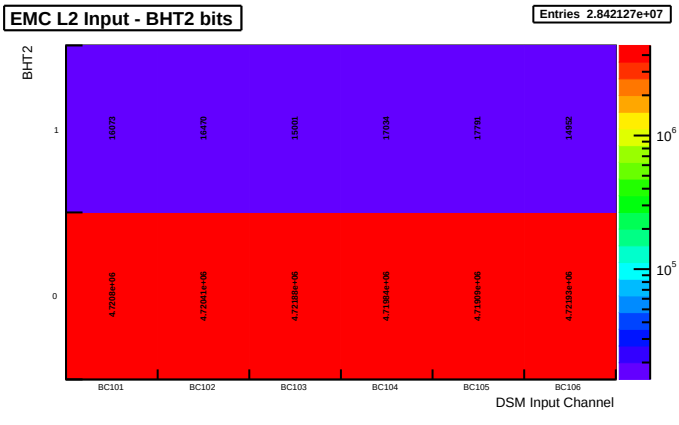

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

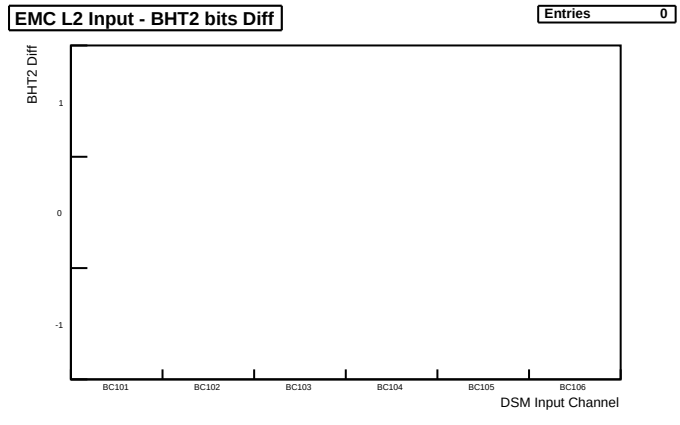

EMC L2 Input - BHT0 bits
Entries 2.842127e+07
BHT0
1
0
70364
72415
66936
74438
78093
64479
4.68401e+06
4.68446e+06
4.68999e+06
4.68249e+06
4.68378e+06
4.6728e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

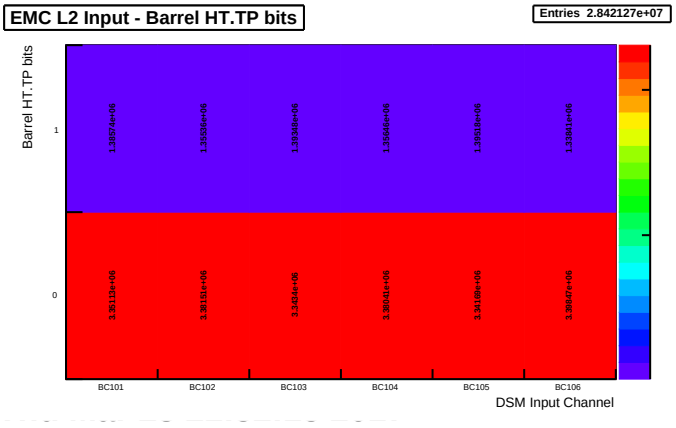

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

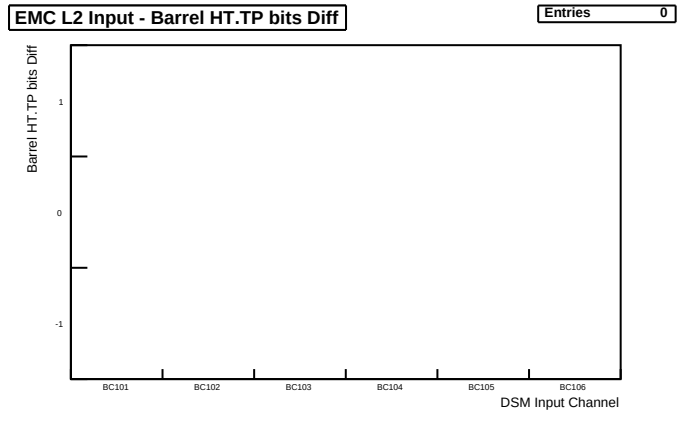

EMC L2 Input - BHT1 bits
Entries 2.842127e+07
BHT1
1
0
33355
37925
34240
33791
40478
33092
4.70051e+06
4.69895e+06
4.70264e+06
4.69809e+06
4.69546e+06
4.70079e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

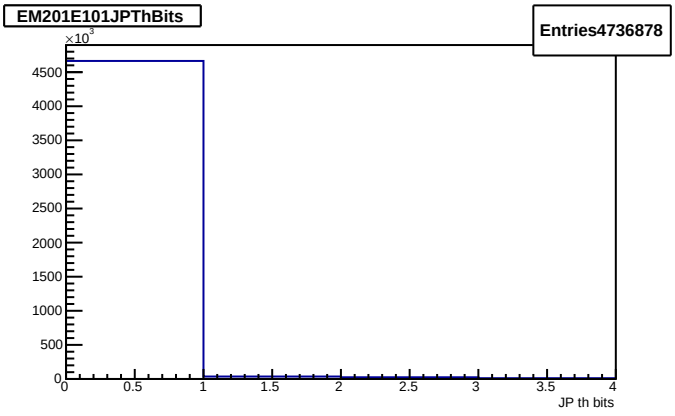

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

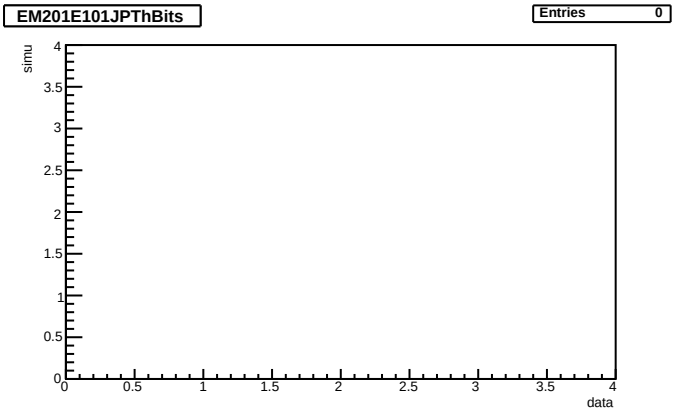

EMC L2 Input - BHT2 bits
Entries 2.842127e+07
BHT2
1
0
16073
16470
15501
17034
17731
14952
4.72084e+06
4.72041e+06
4.72188e+06
4.71984e+06
4.71909e+06
4.72183e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

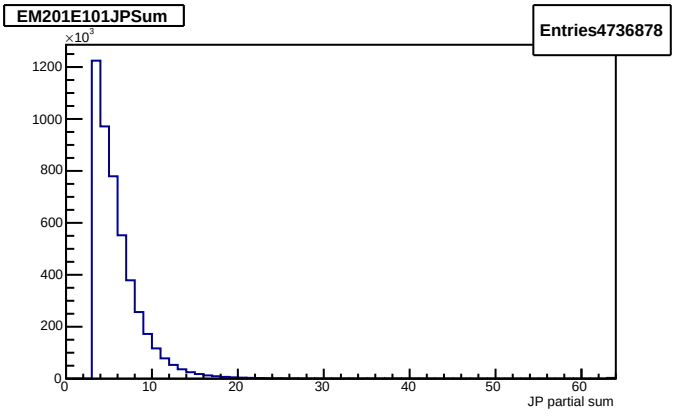

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

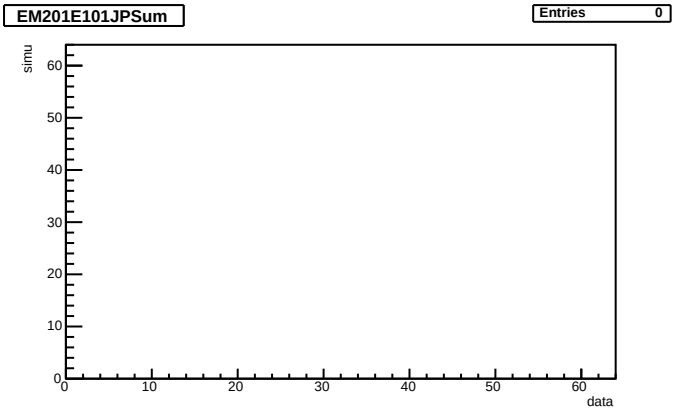

EMC L2 Input - Barrel HT.TP bits
Entries 2.842127e+07
Barrel HT.TP bits
1
0
1.38574e+06
1.39336e+06
1.39349e+06
1.39546e+06
1.39518e+06
1.33911e+06
3.35113e+06
3.38151e+06
3.34344e+06
3.38041e+06
3.34169e+06
3.39847e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

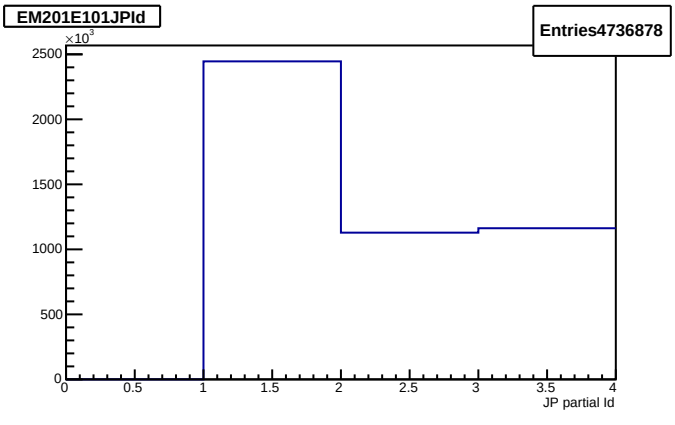

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

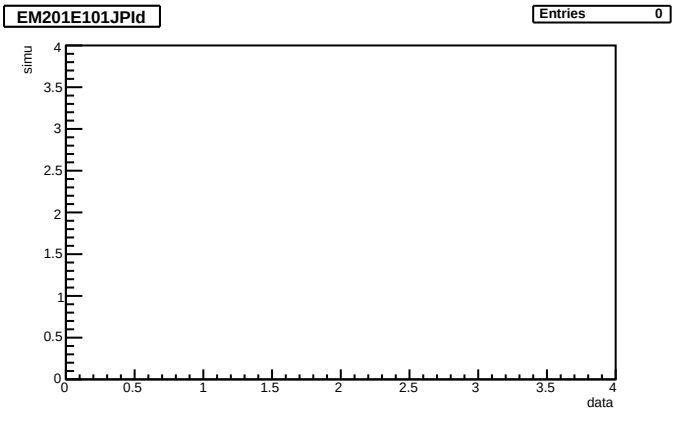

EM201E101JPThBits
Entries4736878
×10^3
JP th bits

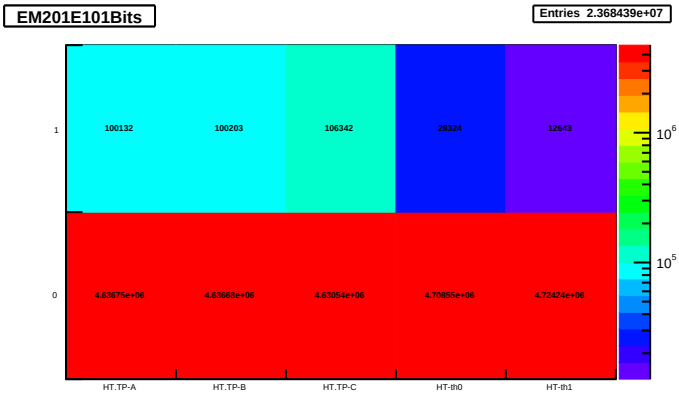

EM201E101JPThBits
Entries 0
simu
data

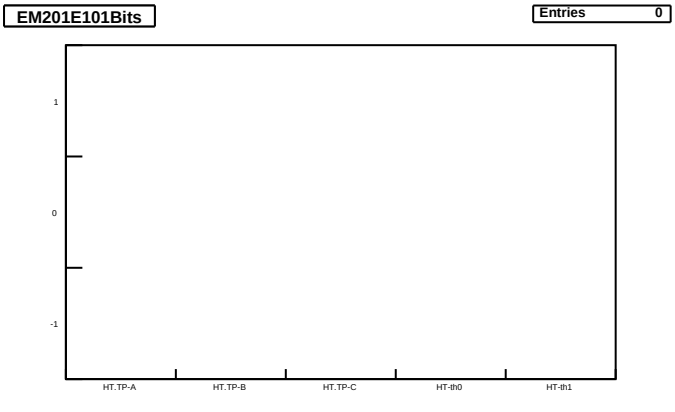

EM201E101JPSum
Entries4736878
×10^3
JP partial sum

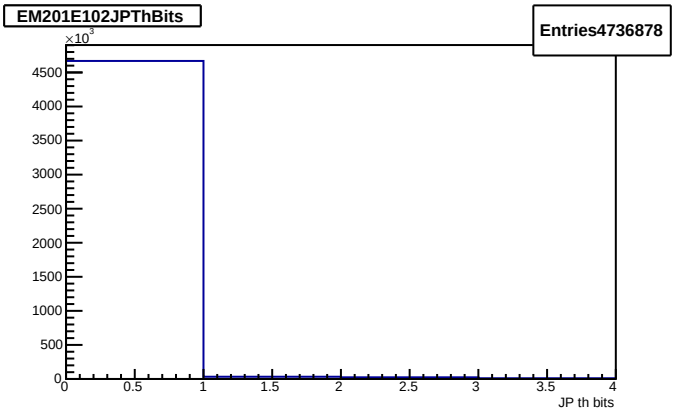

EM201E101JPSum
Entries 0
simu
data

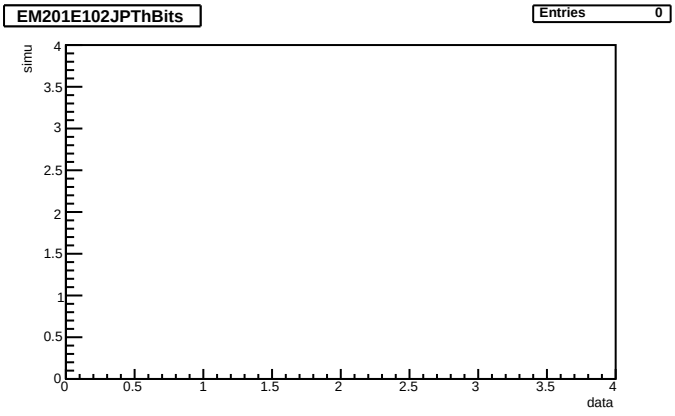

EM201E101JPId
Entries4736878
×10^3
JP partial Id

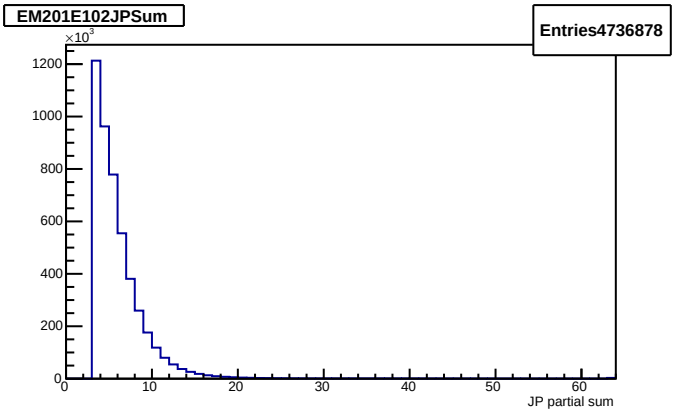

EM201E101JPId
Entries 0
simu
data

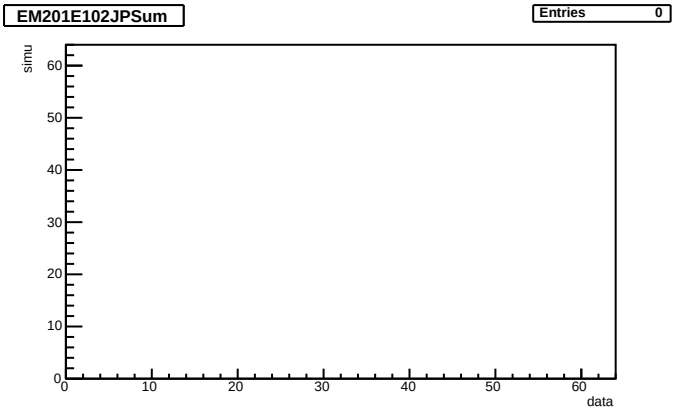

EM201E101Bits
Entries 2.368439e+07
100132
100203
106342
28324
12643
4.63675e+06
4.63668e+06
4.63054e+06
4.70855e+06
4.72424e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

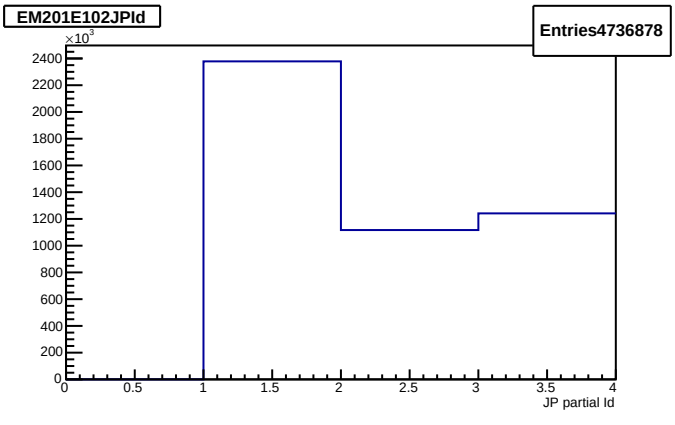

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

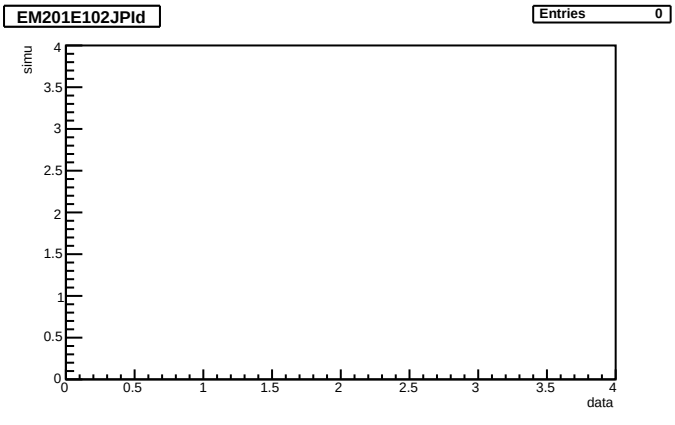

EM201E102JPThBits
Entries4736878
×10^3
JP th bits

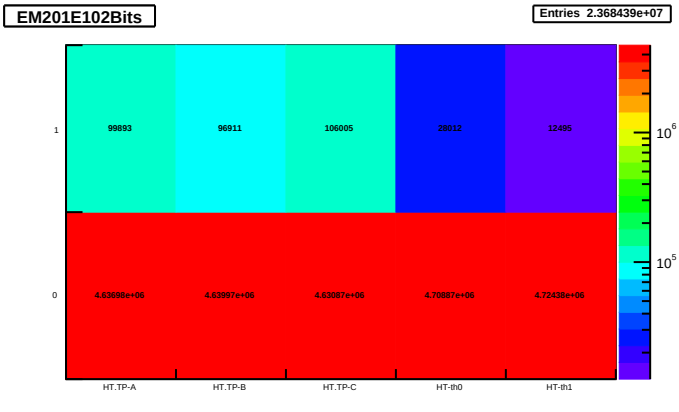

EM201E102JPThBits
Entries 0
simu
data

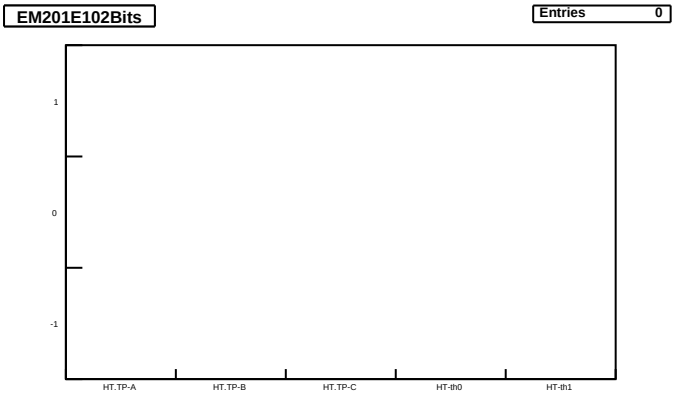

EM201E102JPSum
Entries4736878
×10^3
JP partial sum

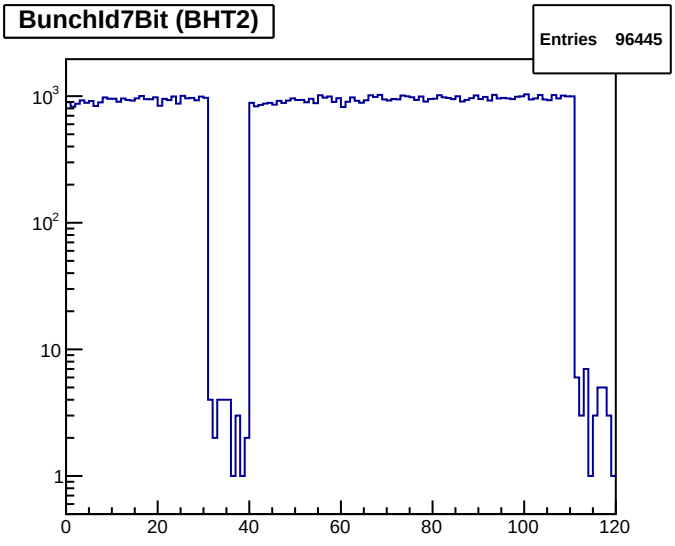

EM201E102JPSum
Entries 0
simu
data

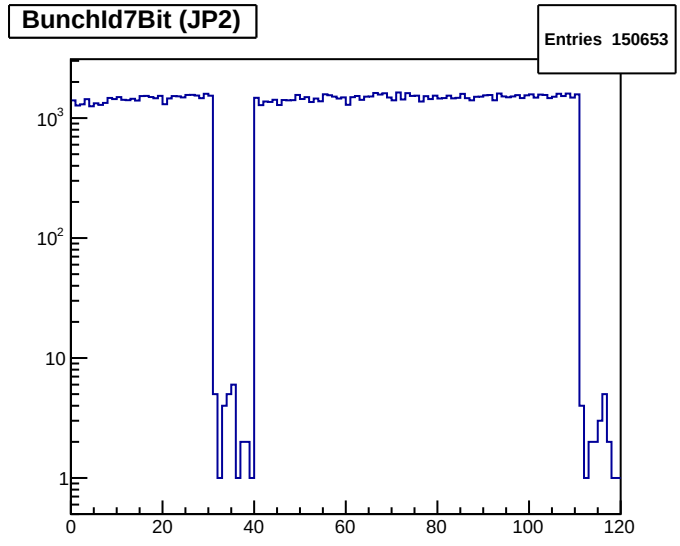

EM201E102JPId
Entries4736878
×10^3
JP partial Id

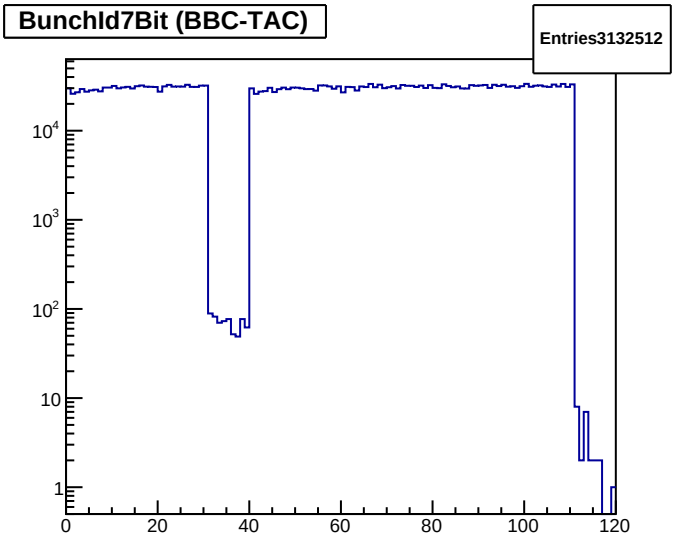

EM201E102JPId
Entries 0
simu
data

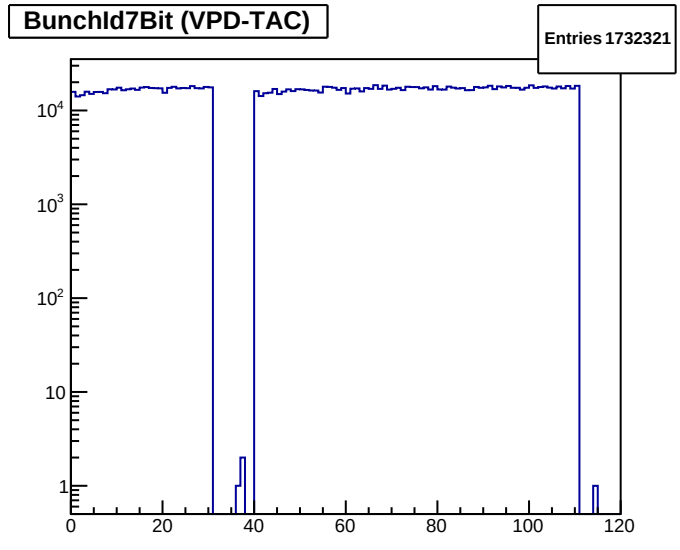

EM201E102Bits
Entries 2.368439e+07
99893
96911
106005
20012
12495
4.63698e+06
4.63997e+06
4.63087e+06
4.70887e+06
4.72438e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

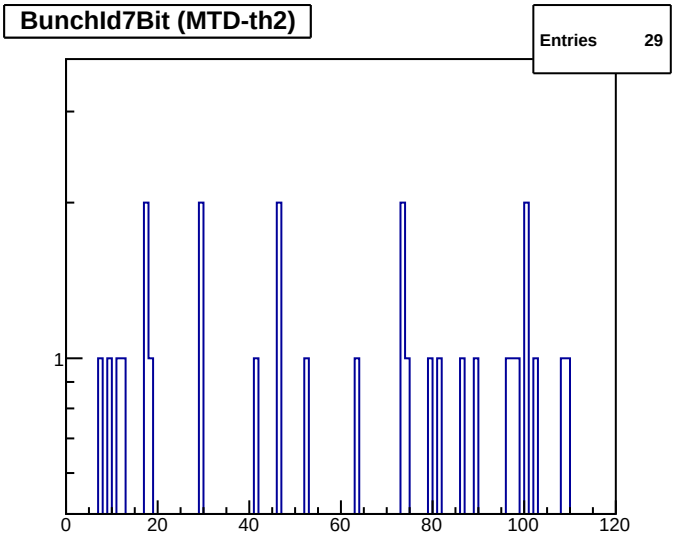

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

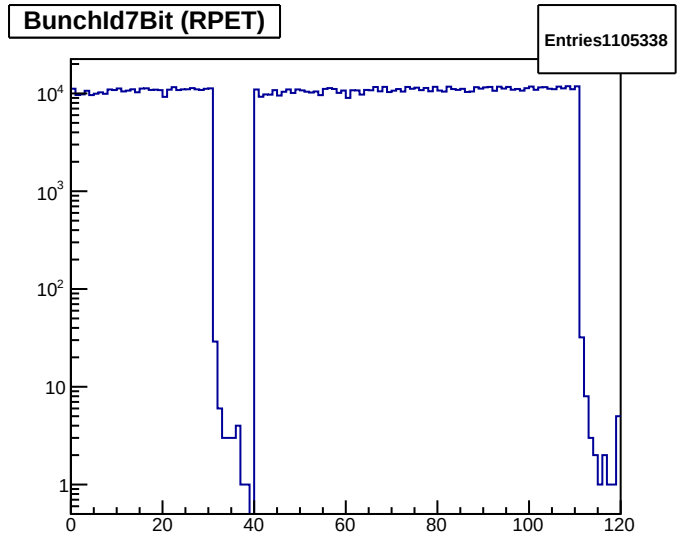

BunchId7Bit (BHT2)
Entries 96445

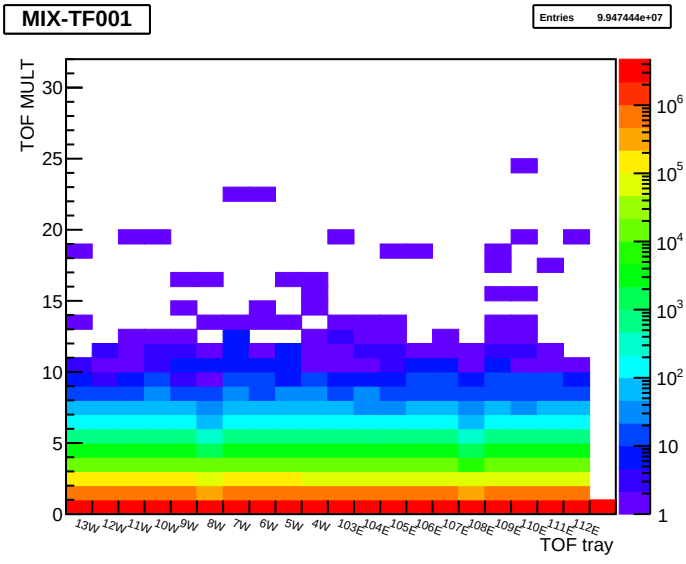

BunchId7Bit (JP2)
Entries 150653

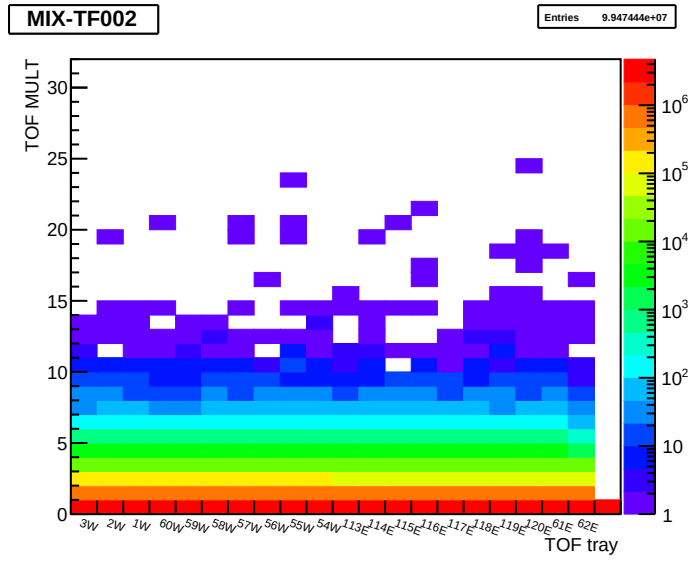

BunchId7Bit (BBC-TAC)
Entries3132512

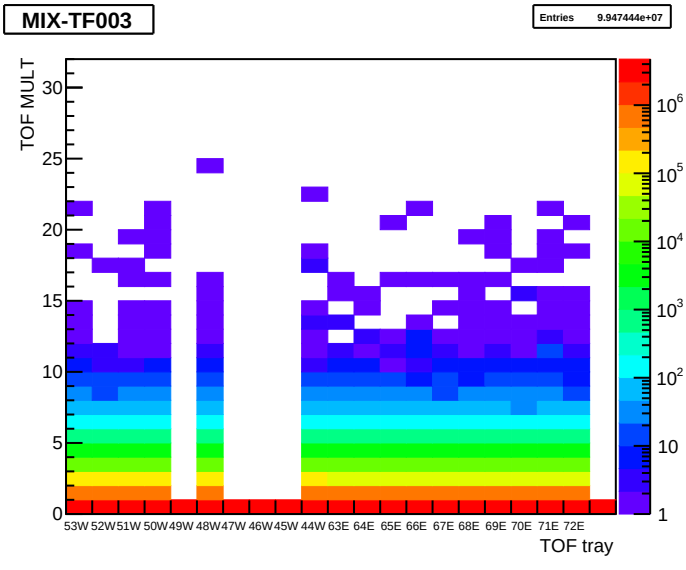

BunchId7Bit (VPD-TAC)
Entries 1732321

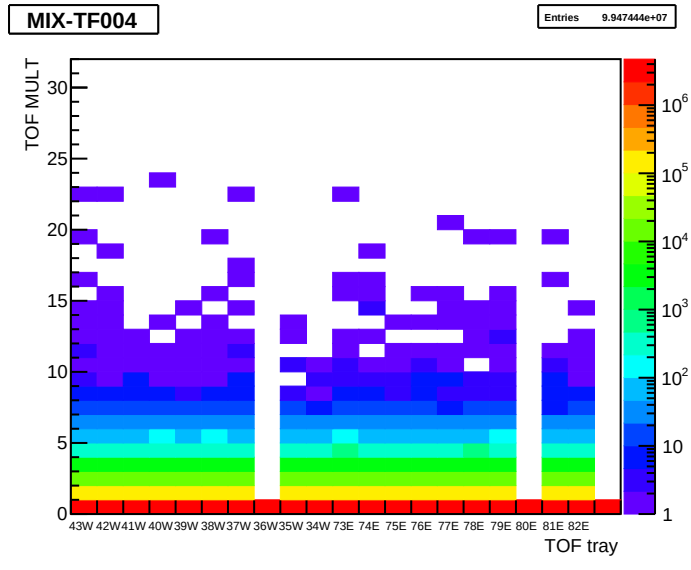

BunchId7Bit (MTD-th2)
Entries 29

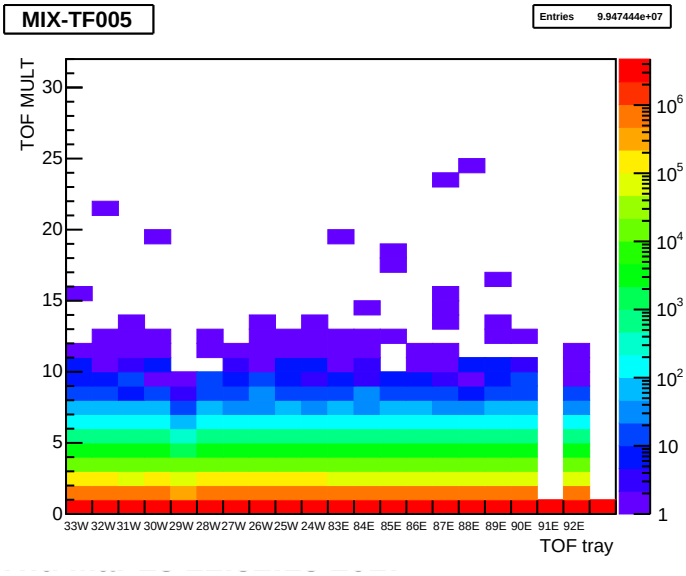

BunchId7Bit (RPET)
Entries1105338

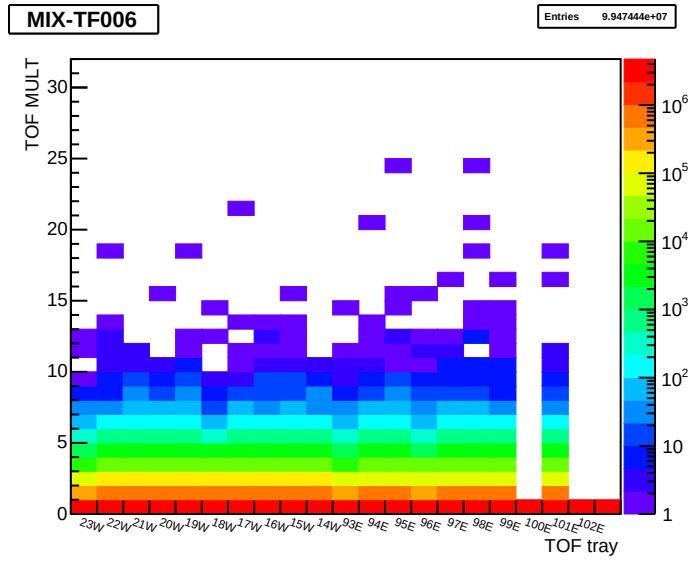

MIX-TF001
Entries 9.947444e+07
TOF MULT
TOF tray

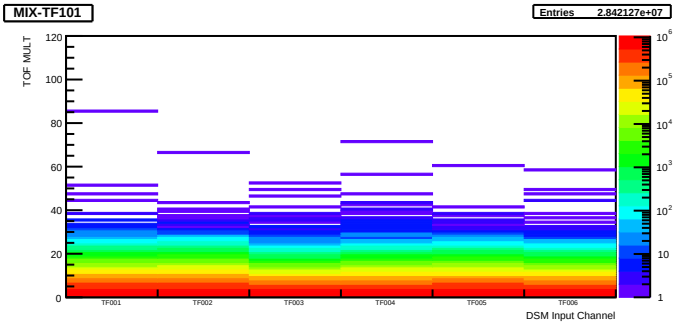

MIX-TF002
Entries 9.947444e+07
TOF MULT
TOF tray

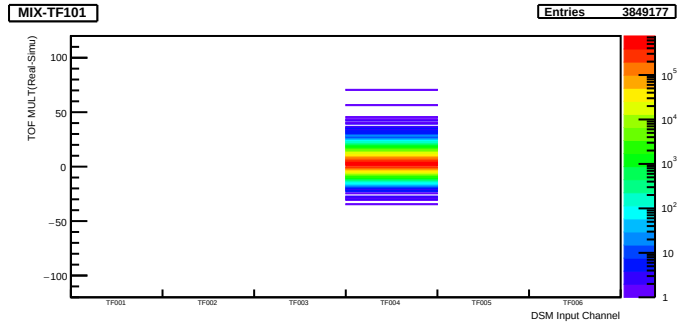

MIX-TF003
Entries 9.947444e+07
TOF MULT
TOF tray

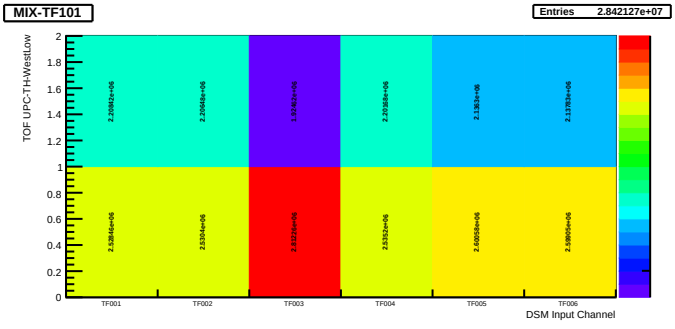

MIX-TF004
Entries 9.947444e+07
TOF MULT
TOF tray

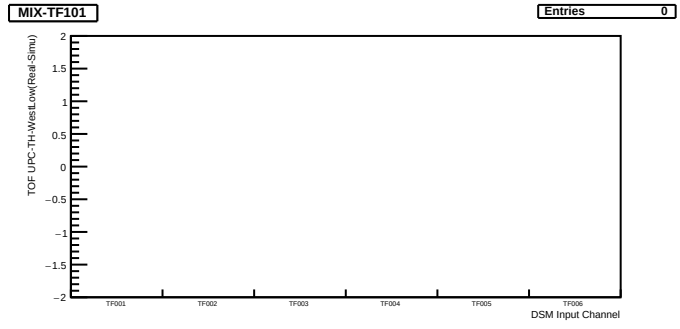

MIX-TF005
Entries 9.947444e+07
TOF MULT
TOF tray

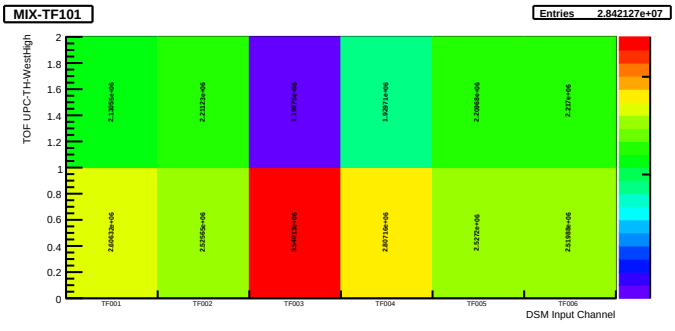

MIX-TF006
Entries 9.947444e+07
TOF MULT
TOF tray

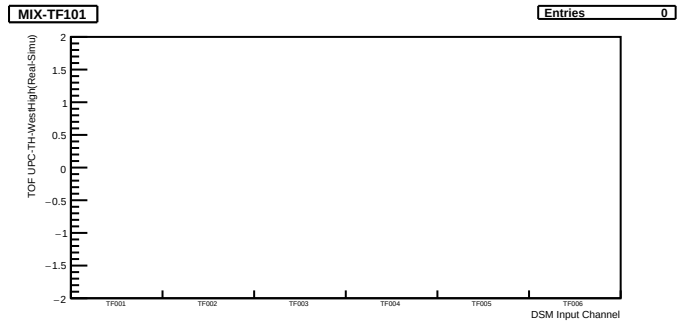

MIX-TF101
Entries 2.842127e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

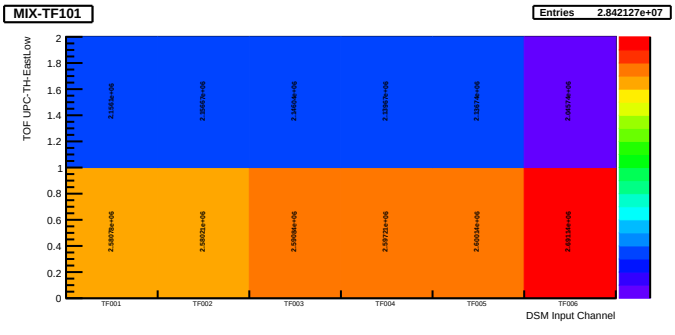

MIX-TF101
Entries 3849177
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

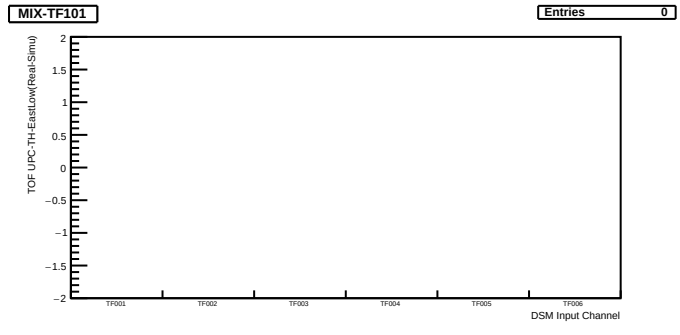

MIX-TF101
Entries 2.842127e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

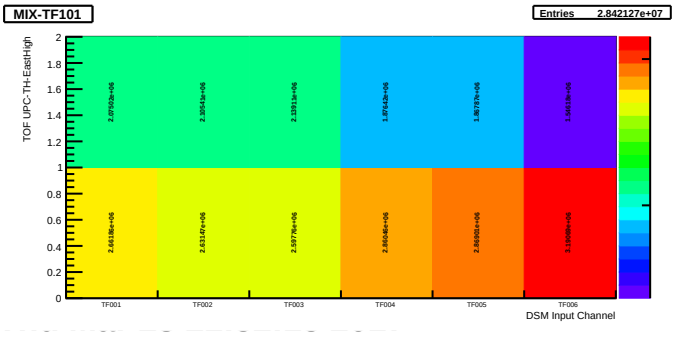

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

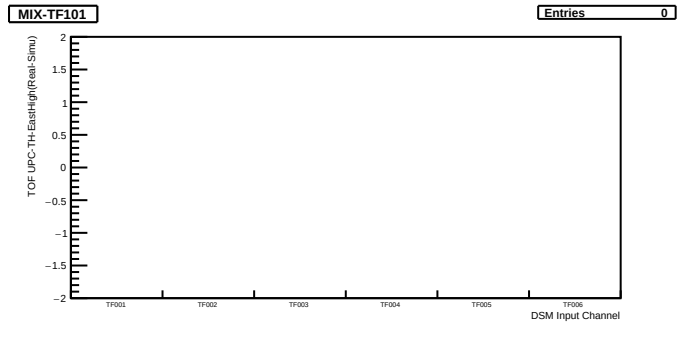

MIX-TF101
Entries 2.842127e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

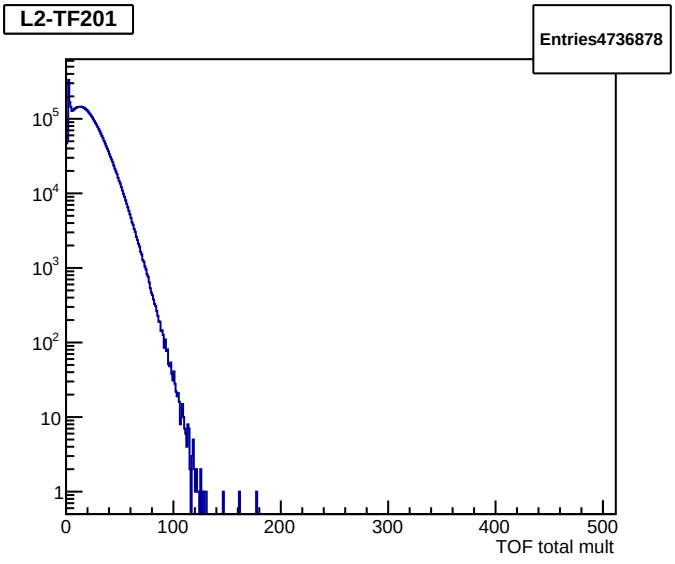

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

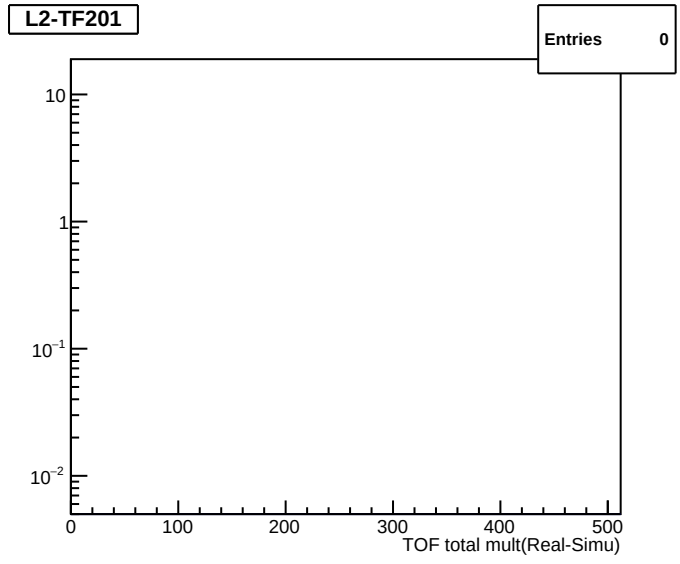

MIX-TF101
Entries 2.842127e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

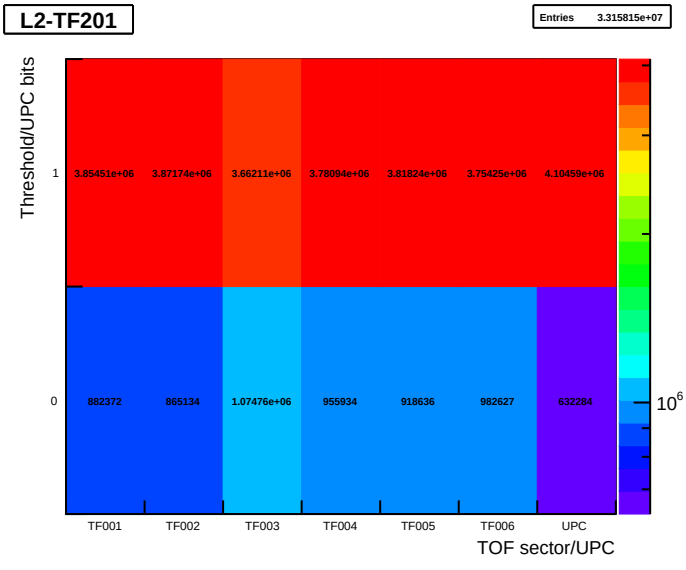

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

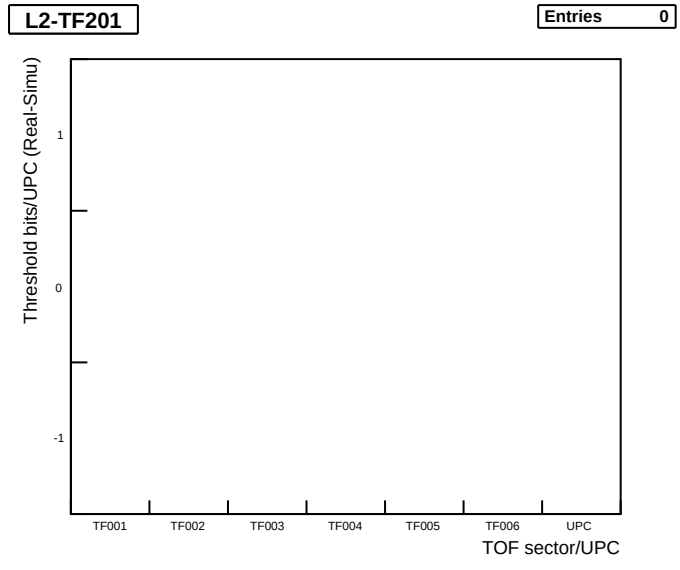

MIX-TF101
Entries 2.842127e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

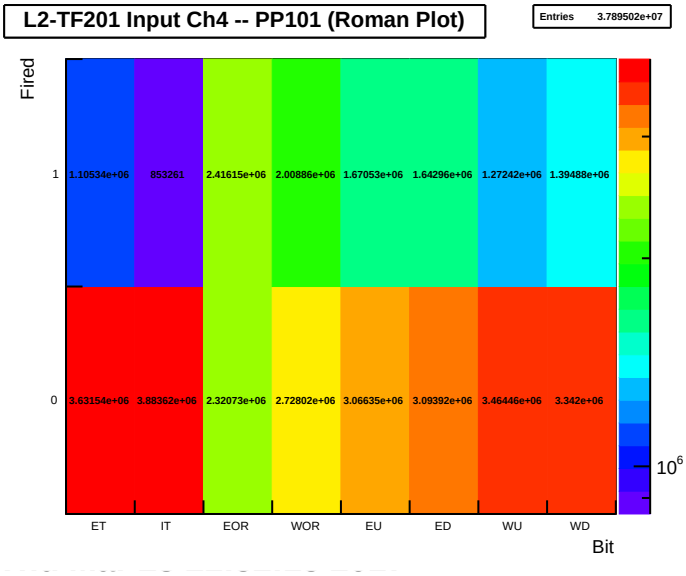

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

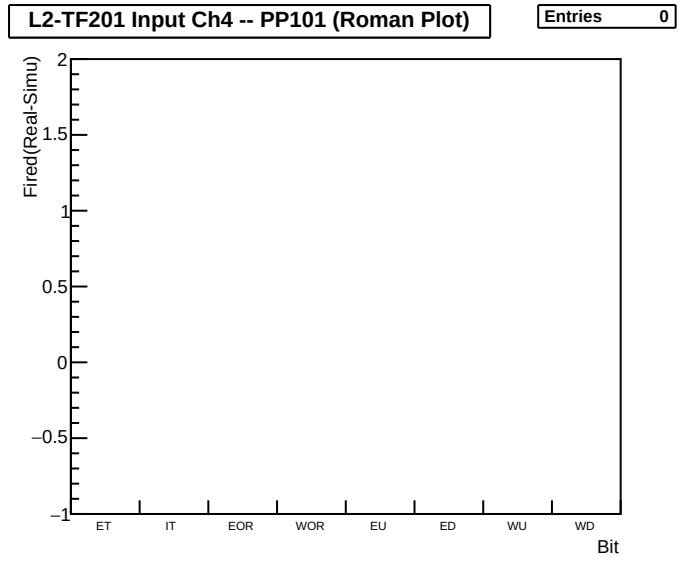

L2-TF201
Entries4736878
TOF total mult

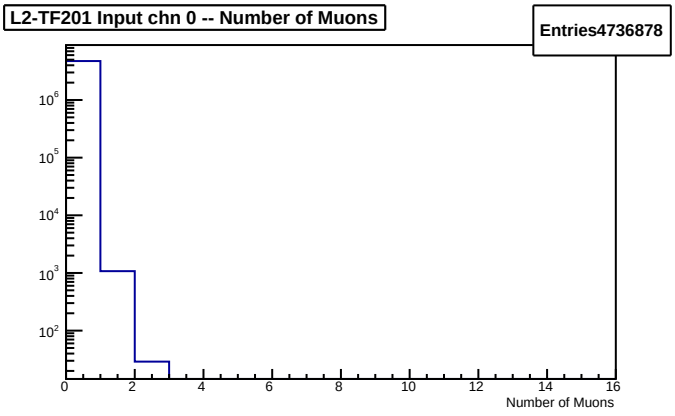

L2-TF201
Entries 0
TOF total mult(Real-Simu)

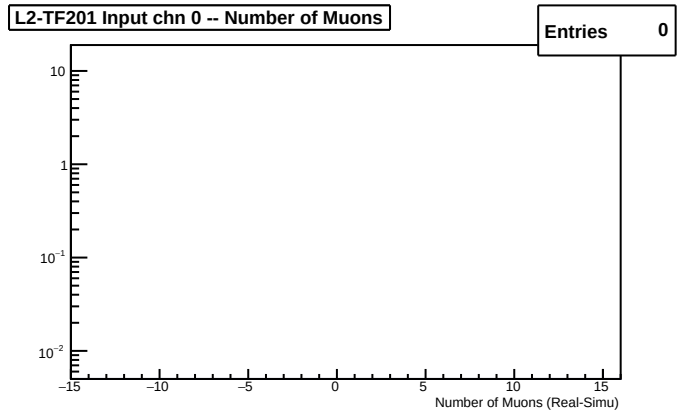

L2-TF201
Entries 3.315815e+07
Threshold/UPC bits
3.85451e+06
3.87174e+06
3.66211e+06
3.78094e+06
3.81824e+06
3.75425e+06
4.10459e+06
882372
865134
1.07476e+06
955934
918636
982627
632284
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

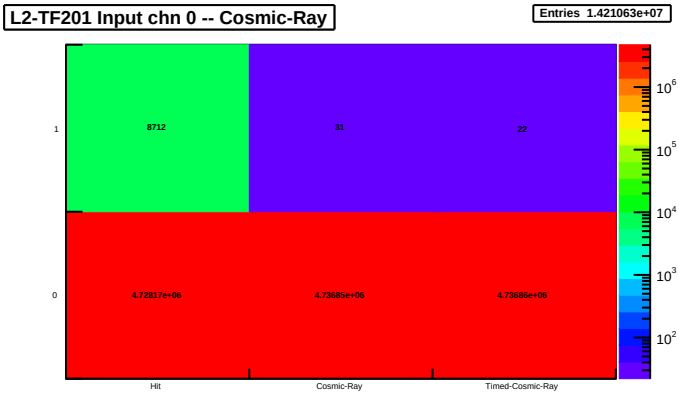

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

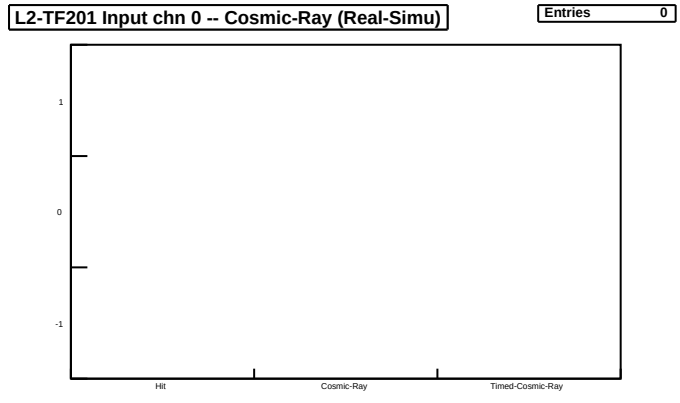

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.789502e+07
Fired
1.10534e+06
853261
2.41615e+06
2.00886e+06
1.67053e+06
1.64296e+06
1.27242e+06
1.39488e+06
3.63154e+06
3.88362e+06
2.32073e+06
2.72802e+06
3.06635e+06
3.09392e+06
3.46446e+06
3.342e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

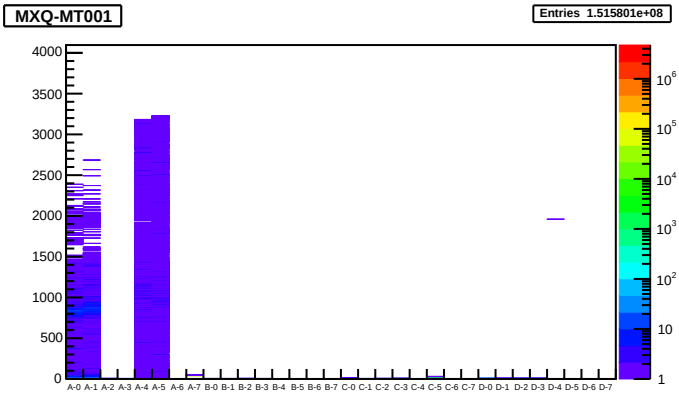

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

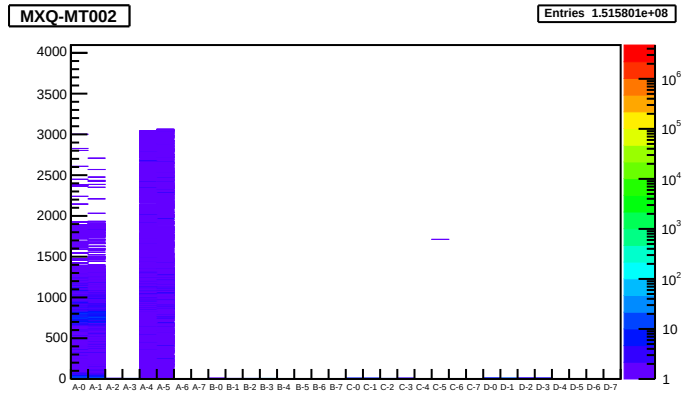

L2-TF201 Input chn 0 -- Number of Muons
Entries4736878
Number of Muons

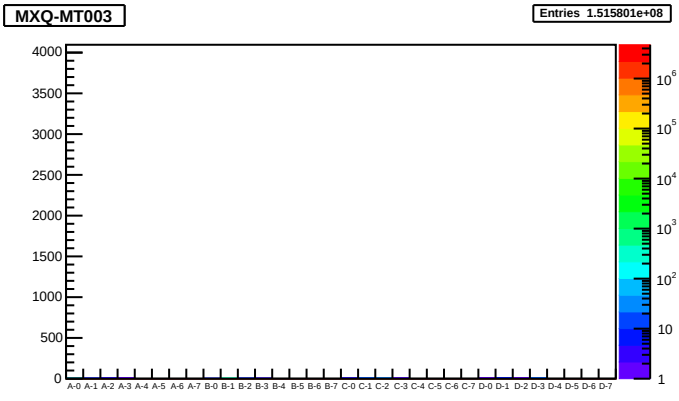

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

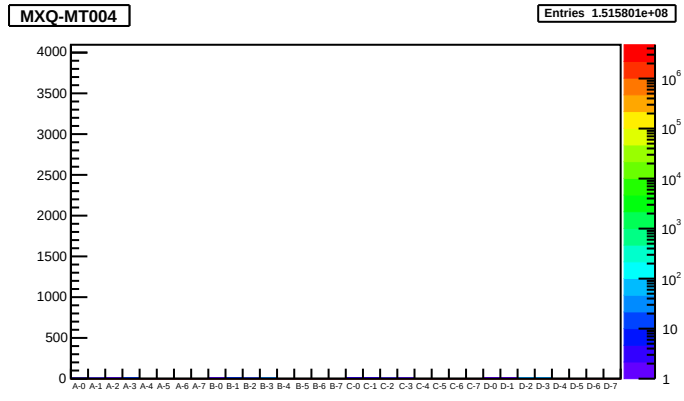

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.421063e+07
8712
31
22
4.72817e+06
4.73685e+06
4.73686e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

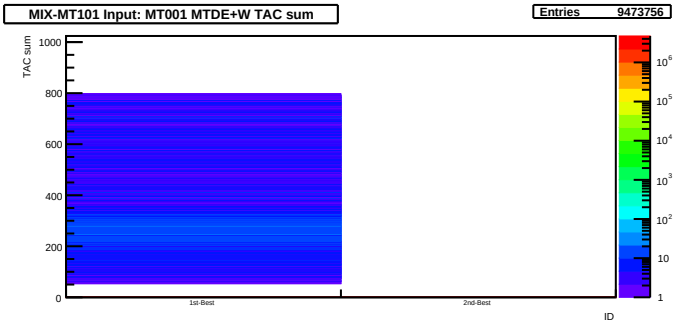

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

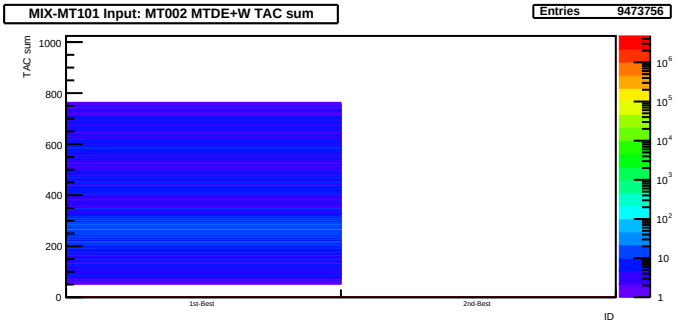

MXQ-MT001
Entries 1.515801e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

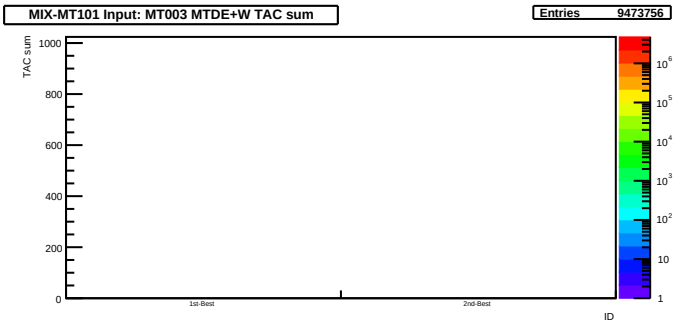

MXQ-MT002
Entries 1.515801e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

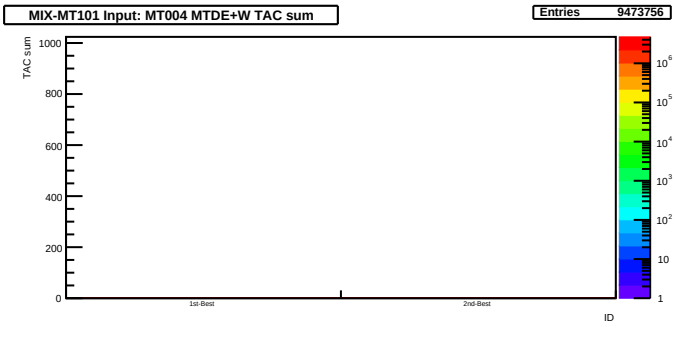

MXQ-MT003
Entries 1.515801e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

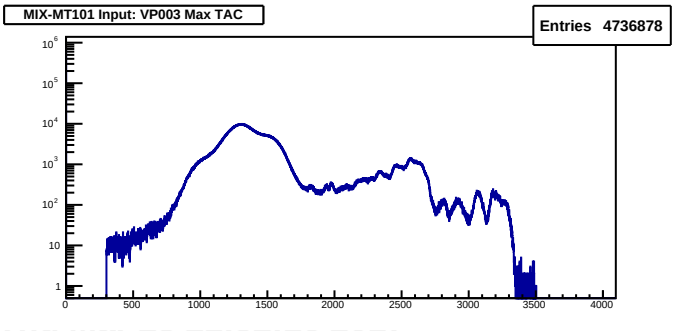

MXQ-MT004
Entries 1.515801e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

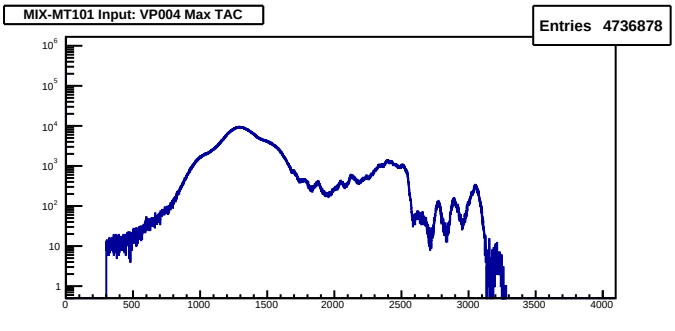

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9473756
TAC sum
1st-Best
2nd-Best
ID

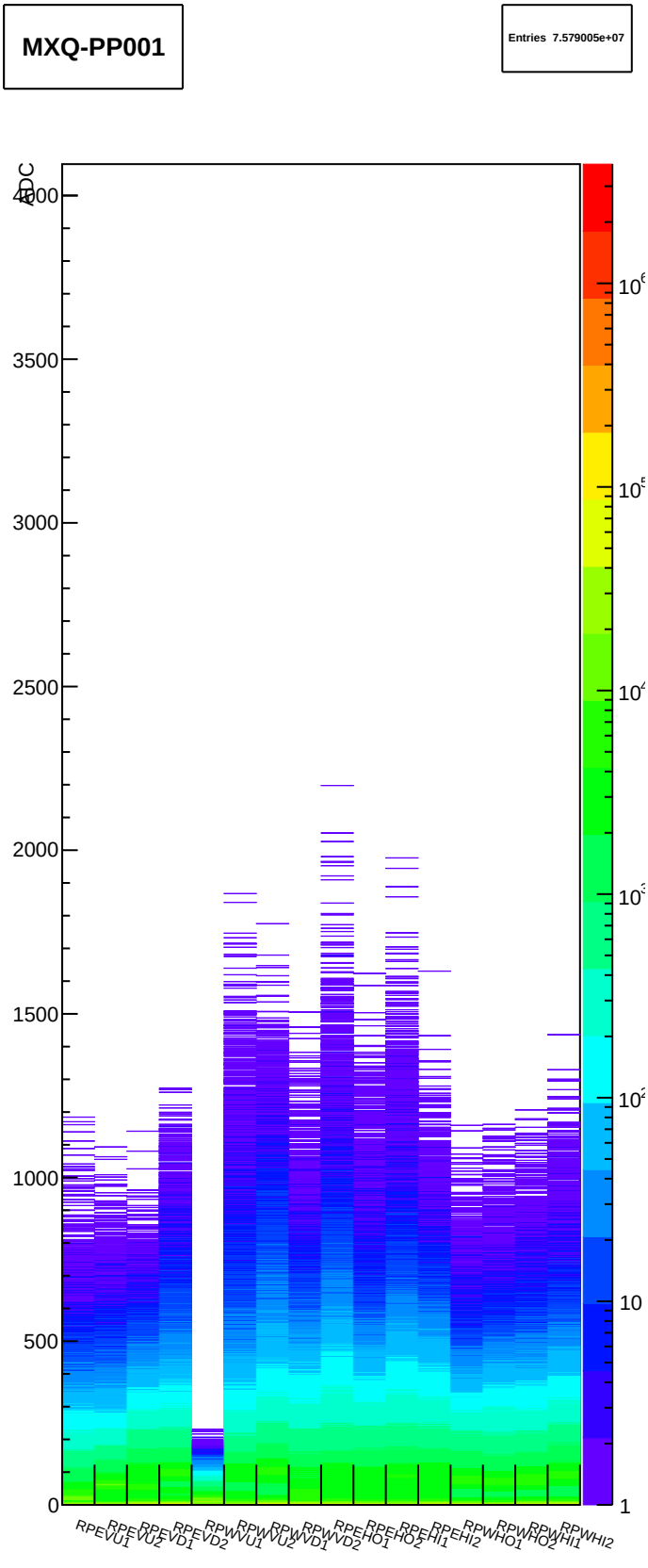

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9473756
TAC sum
1st-Best
2nd-Best
ID

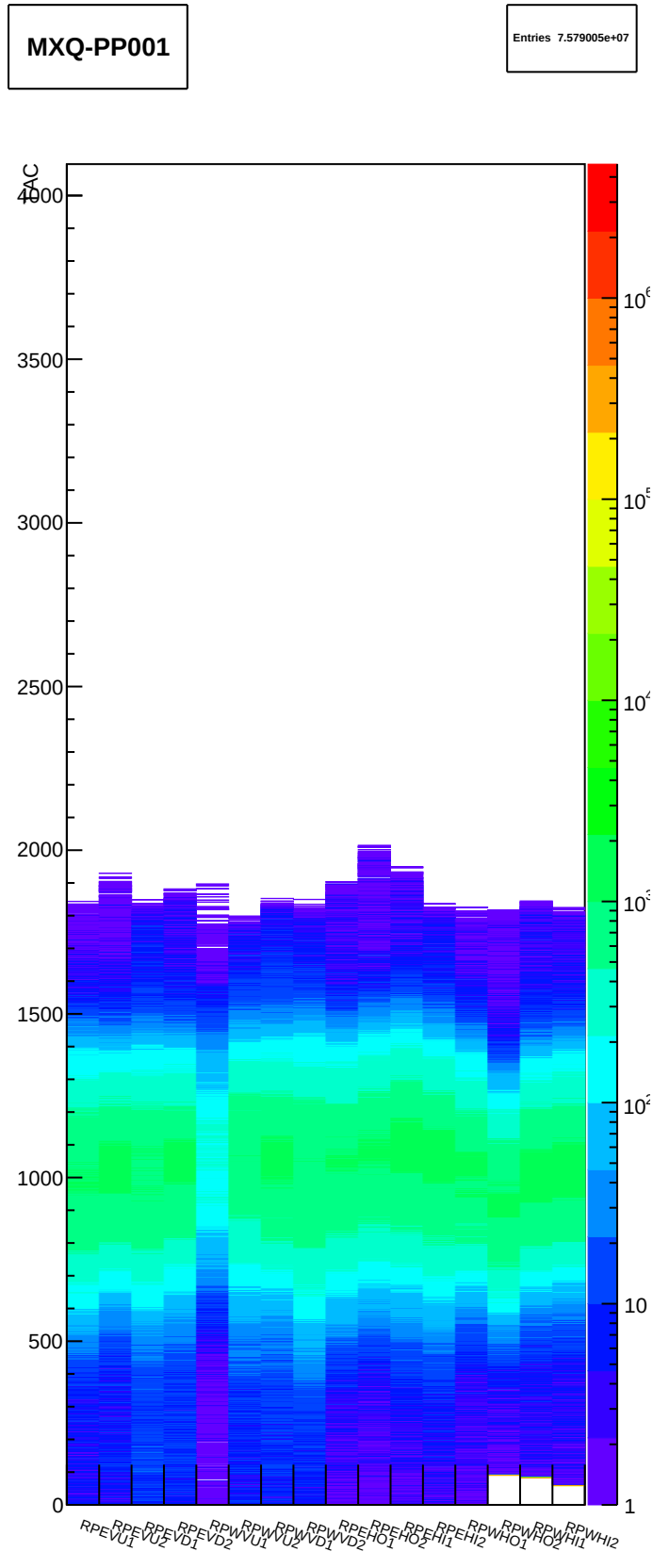

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9473756
TAC sum
1st-Best
2nd-Best
ID

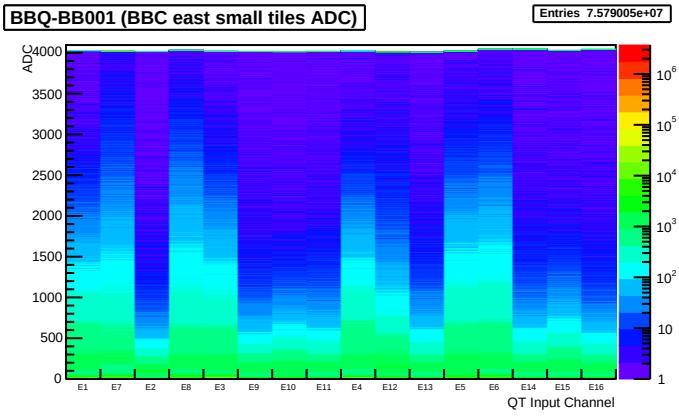

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9473756
TAC sum
1st-Best
2nd-Best
ID

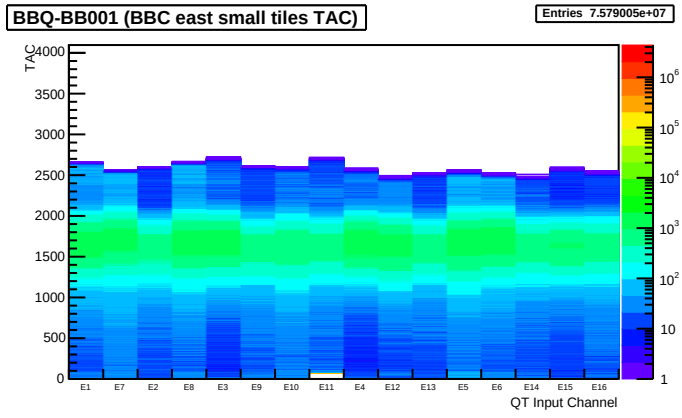

MIX-MT101 Input: VP003 Max TAC
Entries 4736878

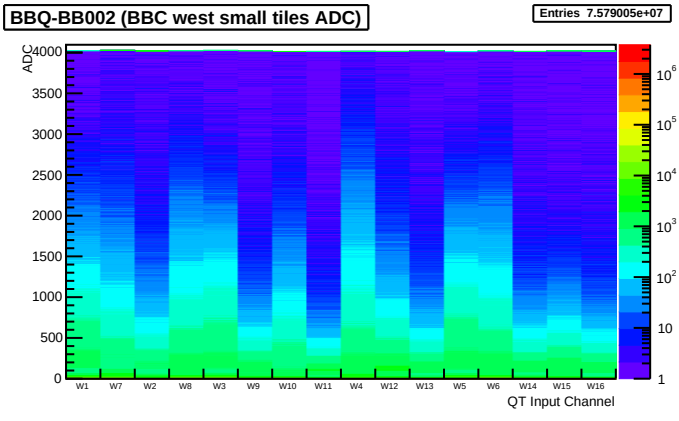

MIX-MT101 Input: VP004 Max TAC
Entries 4736878

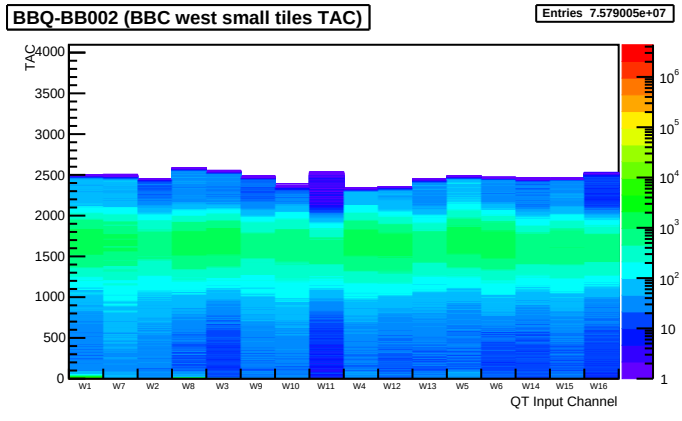

MXQ-PP001
Entries 7.579005e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

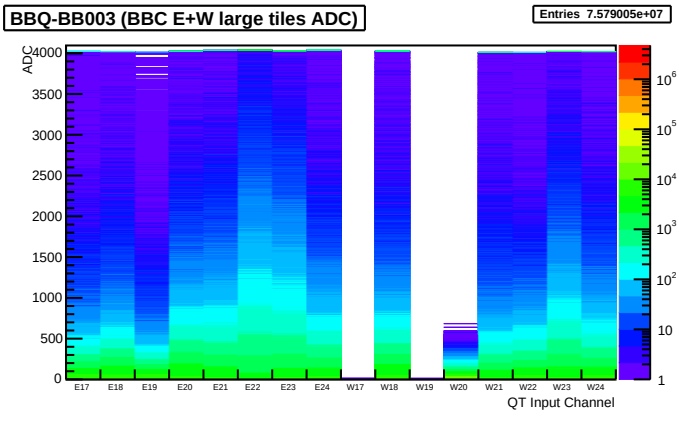

MXQ-PP001
Entries 7.579005e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

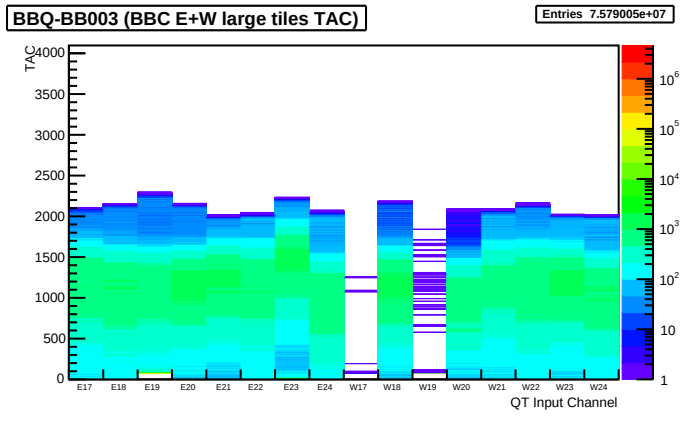

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.579005e+07
ADC
QT Input Channel

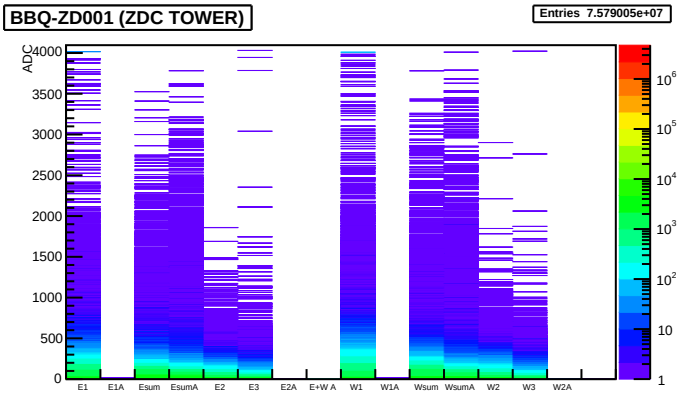

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.579005e+07
TAC
QT Input Channel

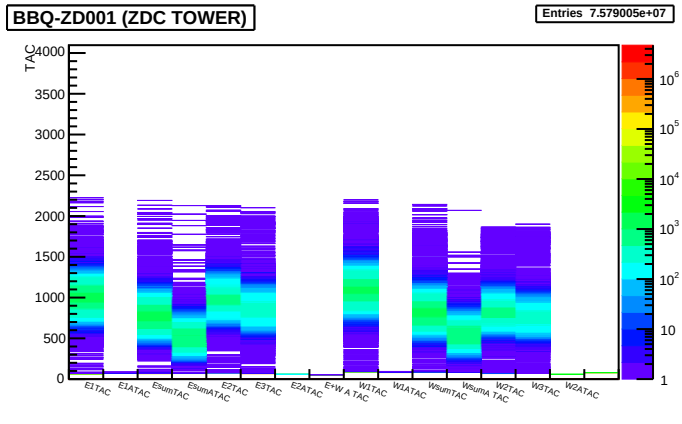

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.579005e+07
ADC
QT Input Channel

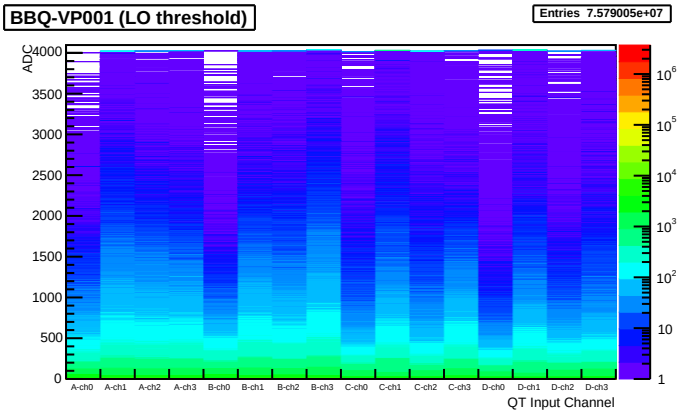

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.579005e+07
TAC
QT Input Channel

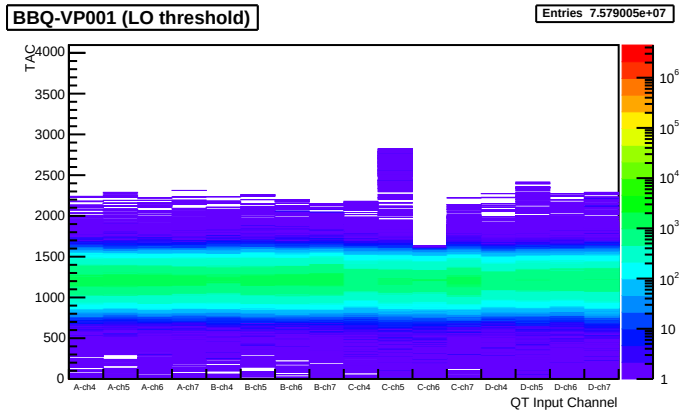

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.579005e+07
ADC
QT Input Channel

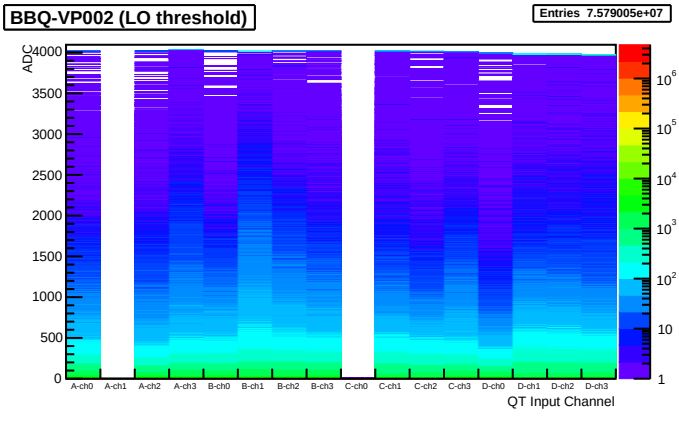

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.579005e+07
TAC
QT Input Channel

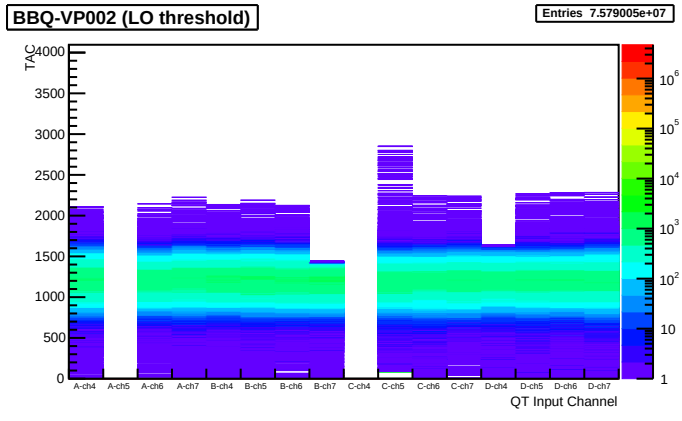

BBQ-ZD001 (ZDC TOWER)
Entries 7.579005e+07
ADC

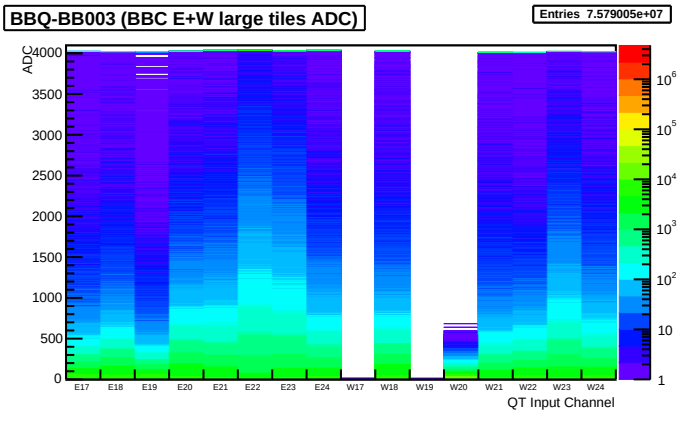

BBQ-ZD001 (ZDC TOWER)
Entries 7.579005e+07
TAC

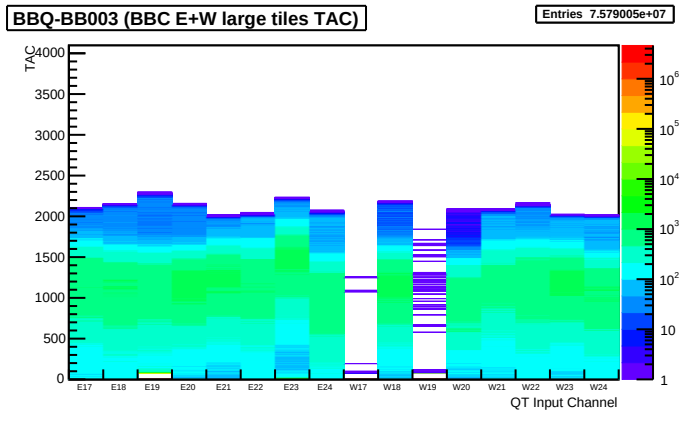

BBQ-VP001 (LO threshold)
Entries 7.579005e+07
ADC
QT Input Channel

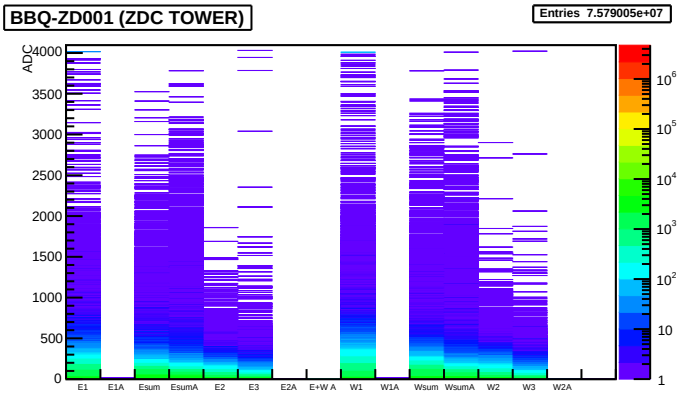

BBQ-VP001 (LO threshold)
Entries 7.579005e+07
TAC
QT Input Channel

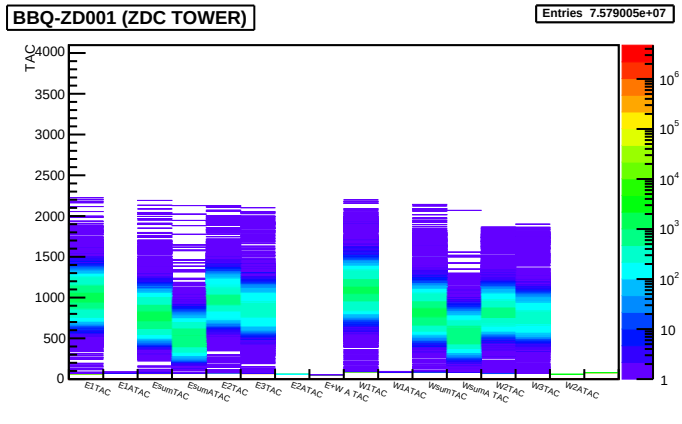

BBQ-VP002 (LO threshold)
Entries 7.579005e+07
ADC
QT Input Channel

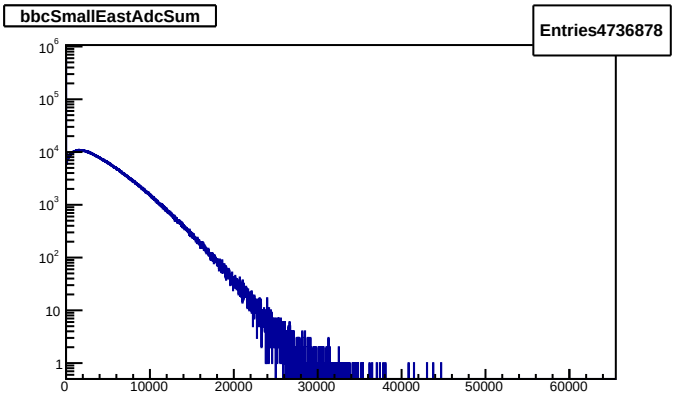

BBQ-VP002 (LO threshold)
Entries 7.579005e+07
TAC
QT Input Channel

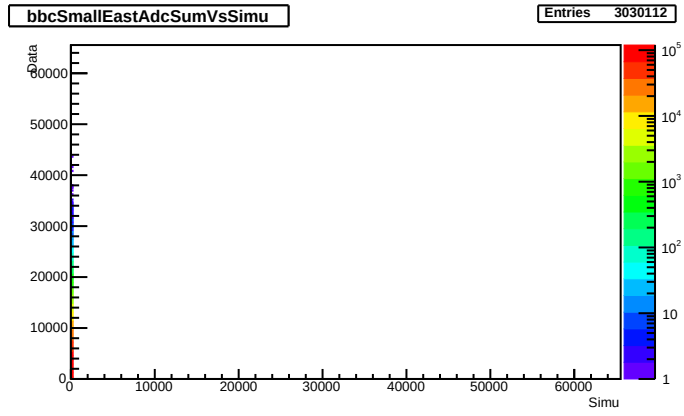

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.579005e+07
ADC
QT Input Channel

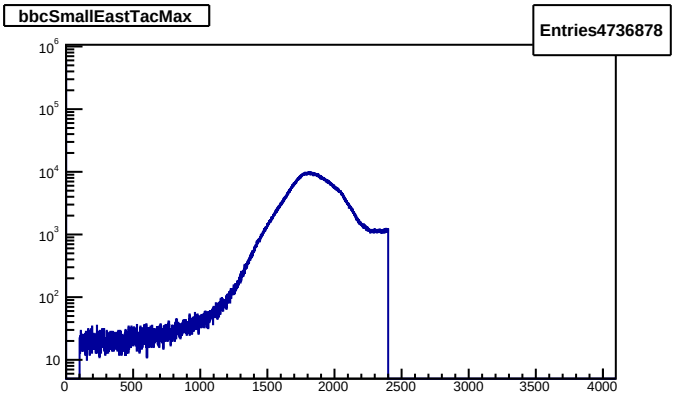

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.579005e+07
TAC
QT Input Channel

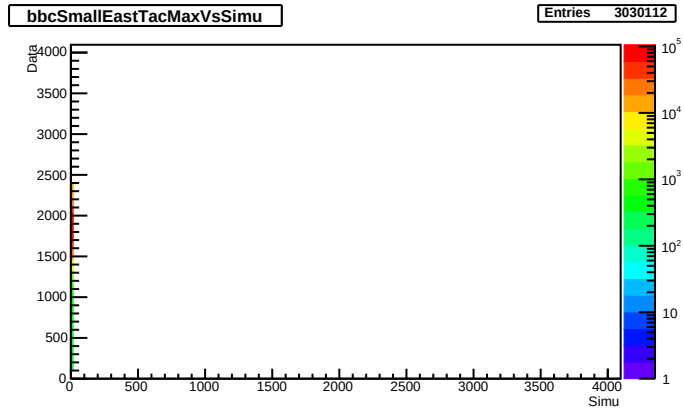

BBQ-ZD001 (ZDC TOWER)
Entries 7.579005e+07
ADC

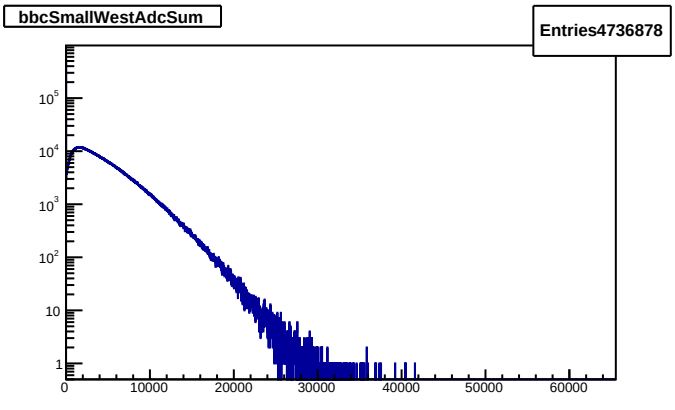

BBQ-ZD001 (ZDC TOWER)
Entries 7.579005e+07
TAC

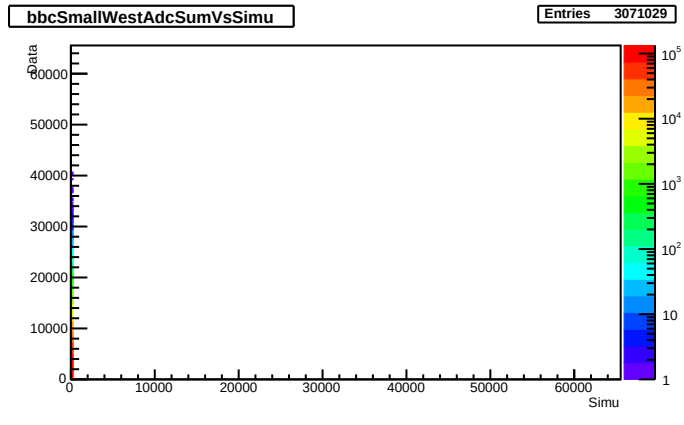

bbcSmallEastAdcSum
Entries4736878

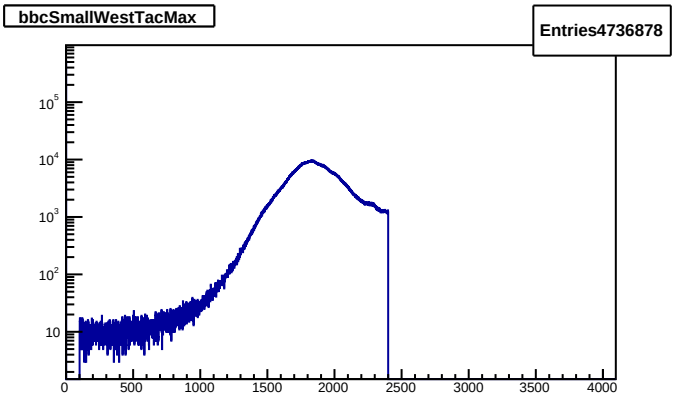

bbcSmallEastAdcSumVsSimu
Entries 3030112
Data
Simu

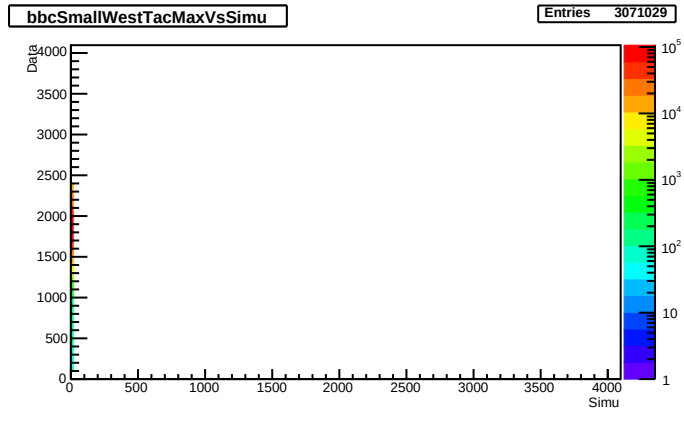

bbcSmallEastTacMax
Entries4736878

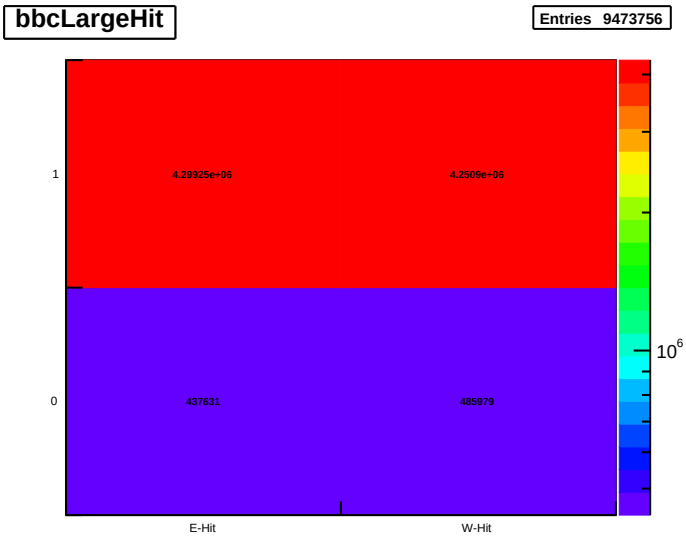

bbcSmallEastTacMaxVsSimu
Entries 3030112
Data
Simu

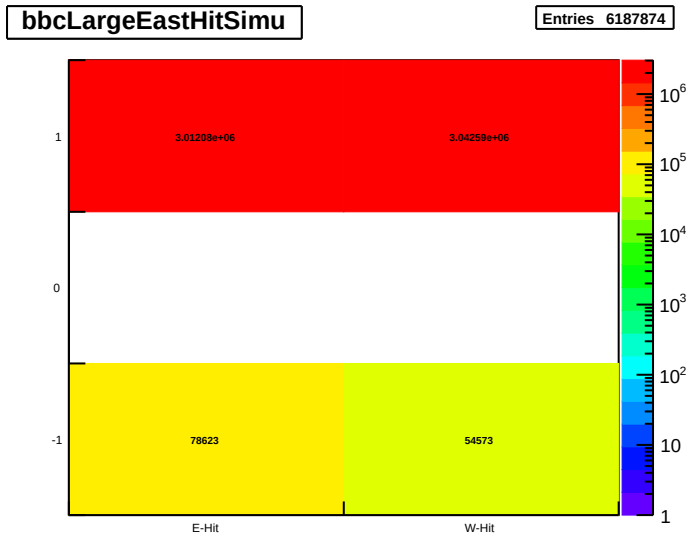

bbcSmallWestAdcSum
Entries4736878

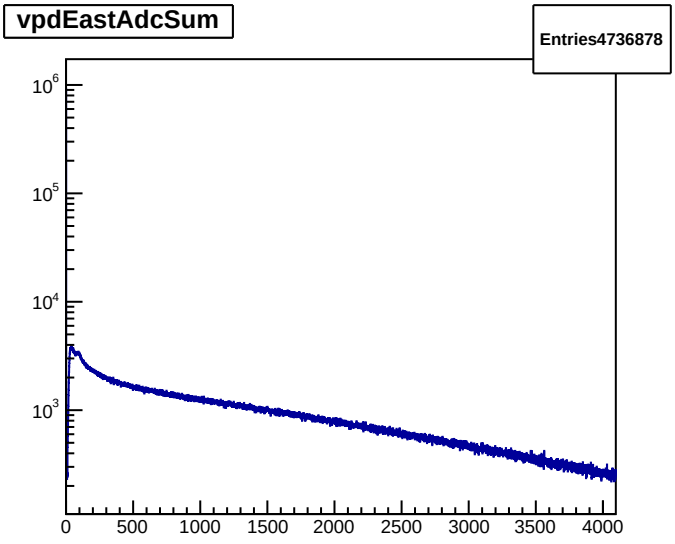

bbcSmallWestAdcSumVsSimu
Entries 3071029
Data
Simu

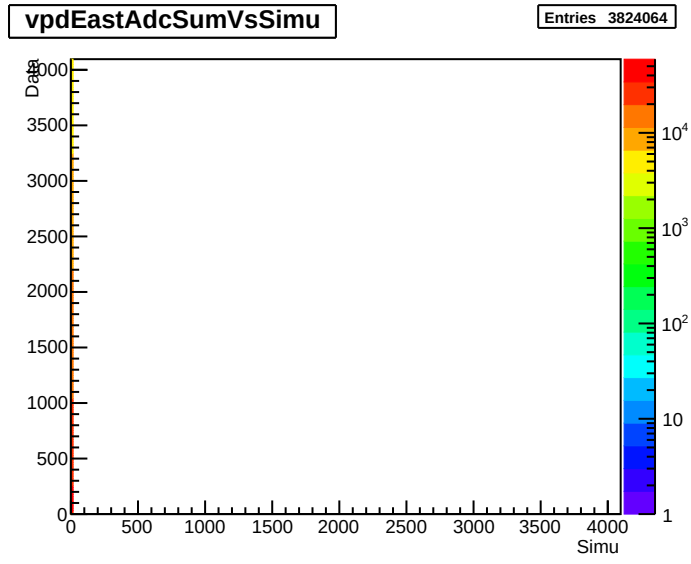

bbcSmallWestTacMax
Entries4736878

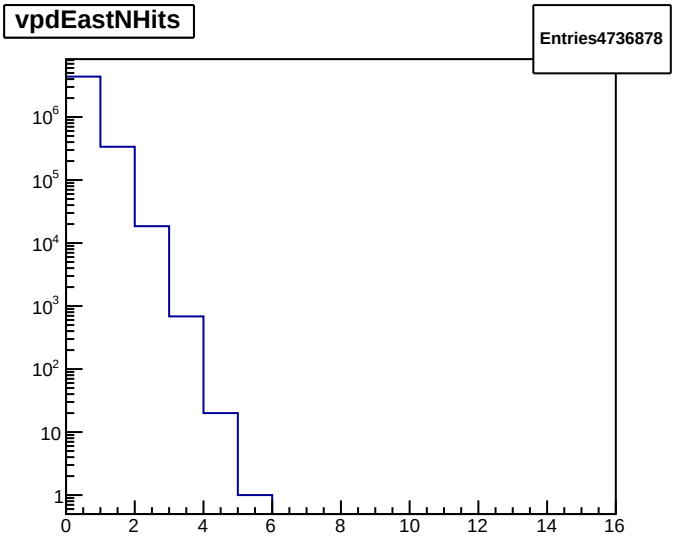

bbcSmallWestTacMaxVsSimu
Entries 3071029
Data
Simu

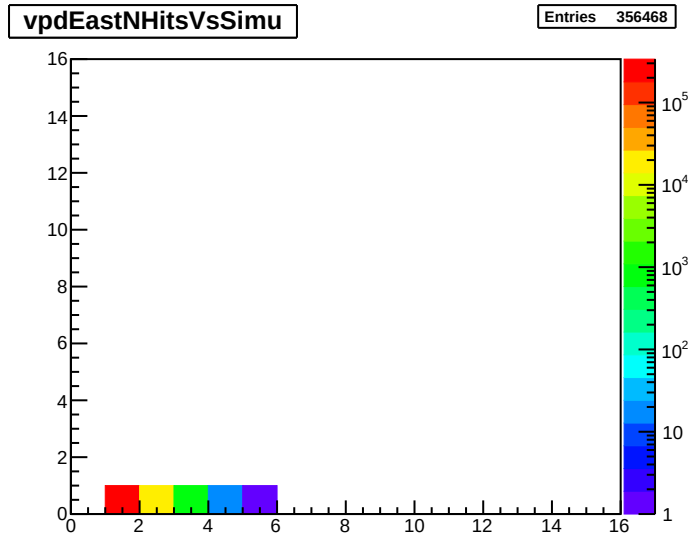

bbcLargeHit
Entries 9473756
1
0
4.29925e+06
4.2509e+06
437631
485979
E-Hit
W-Hit
10^6

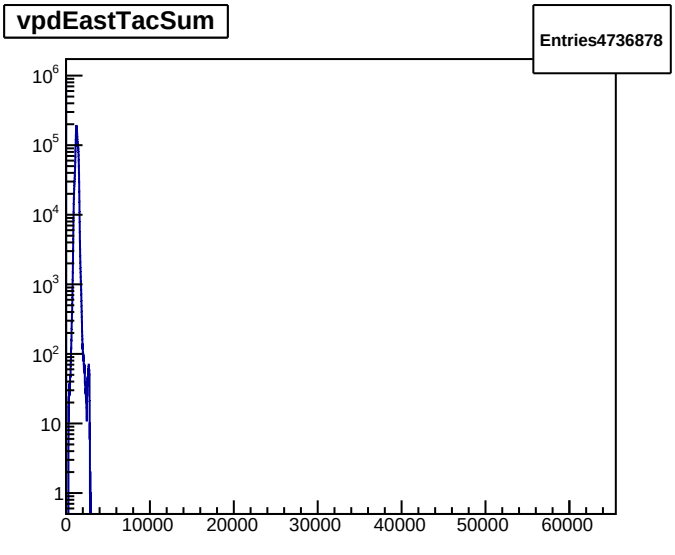

bbcLargeEastHitSimu
Entries 6187874
1
0
-1
3.01208e+06
3.04259e+06
78623
54573
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

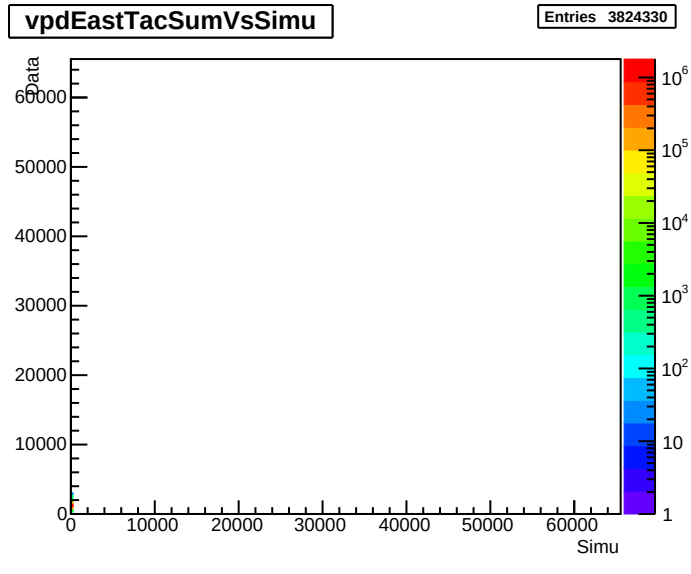

vpdEastAdcSum
Entries4736878

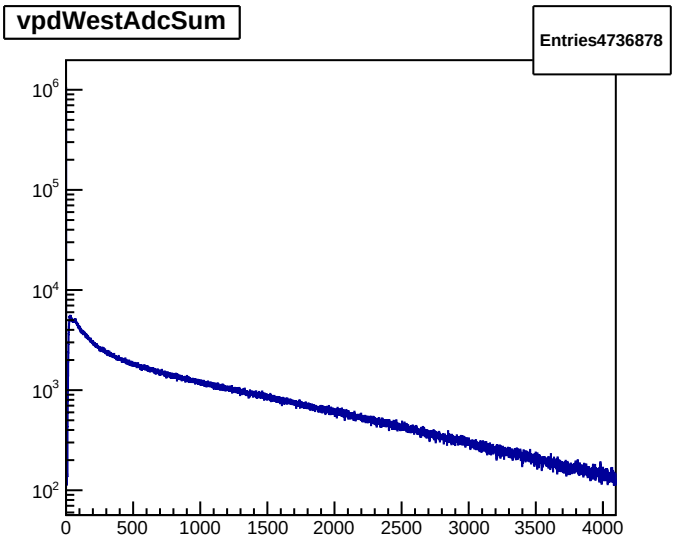

vpdEastAdcSumVsSimu
Entries 3824064
Data
Simu

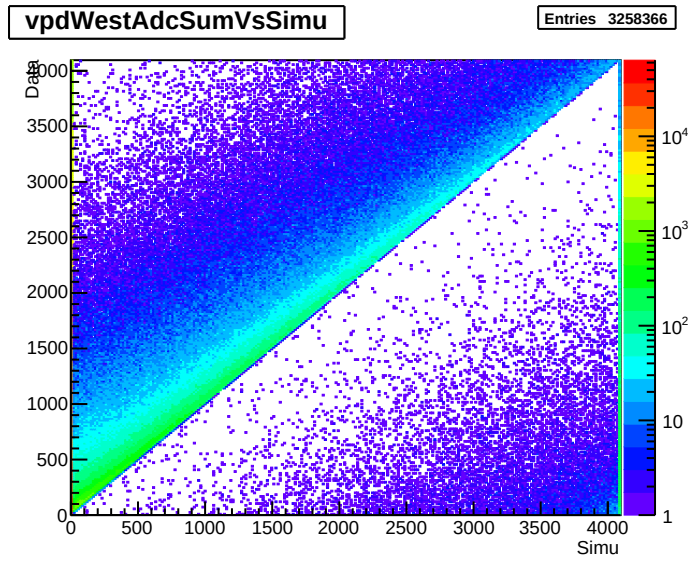

vpdEastNHits
Entries4736878

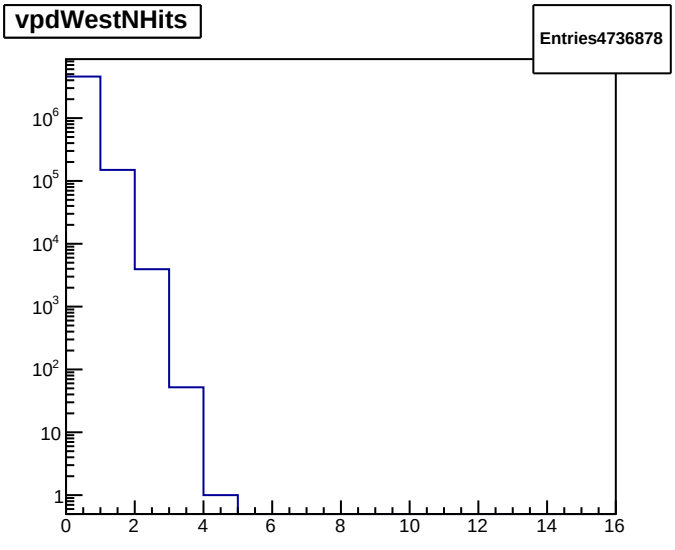

vpdEastNHitsVsSimu
Entries 356468

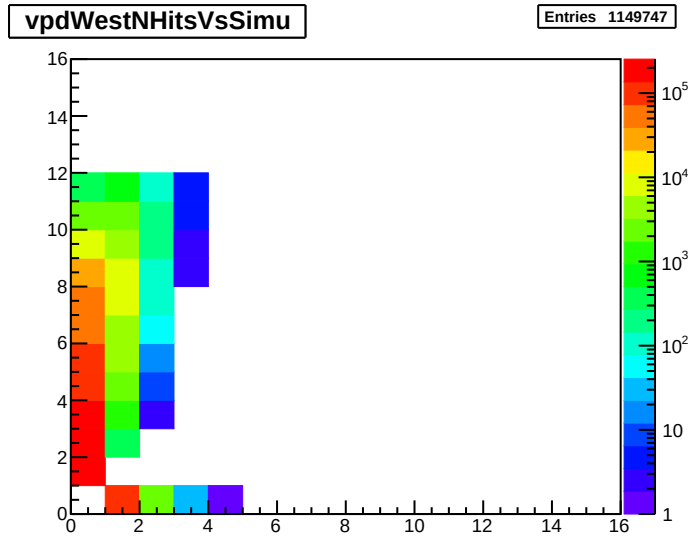

vpdEastTacSum
Entries4736878

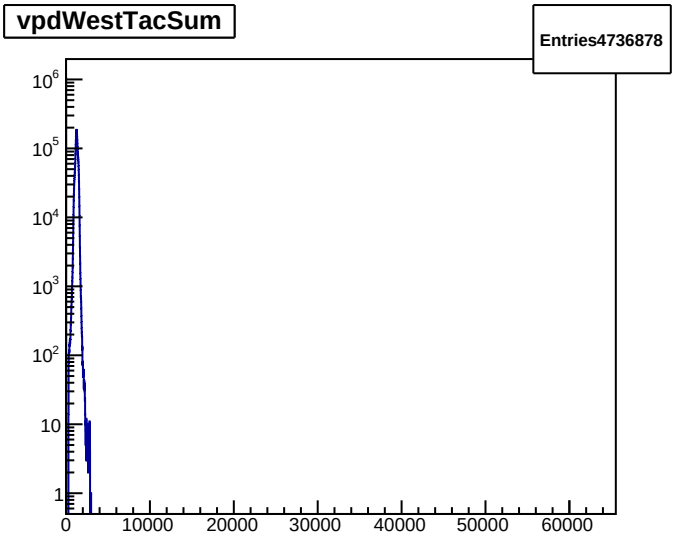

vpdEastTacSumVsSimu
Entries 3824330
Data
Simu

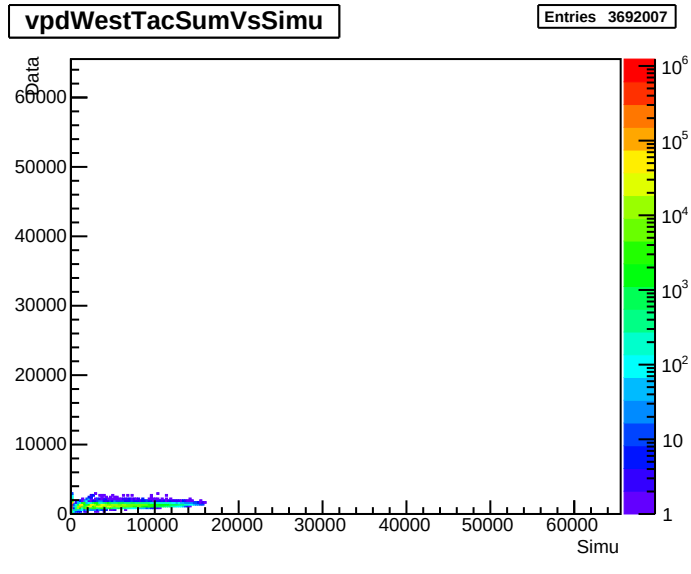

vpdWestAdcSum
Entries4736878

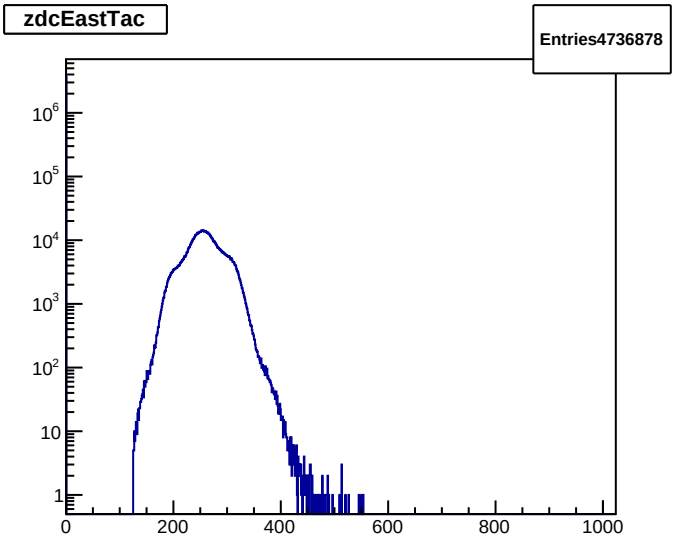

vpdWestAdcSumVsSimu
Entries 3258366
Data
Simu

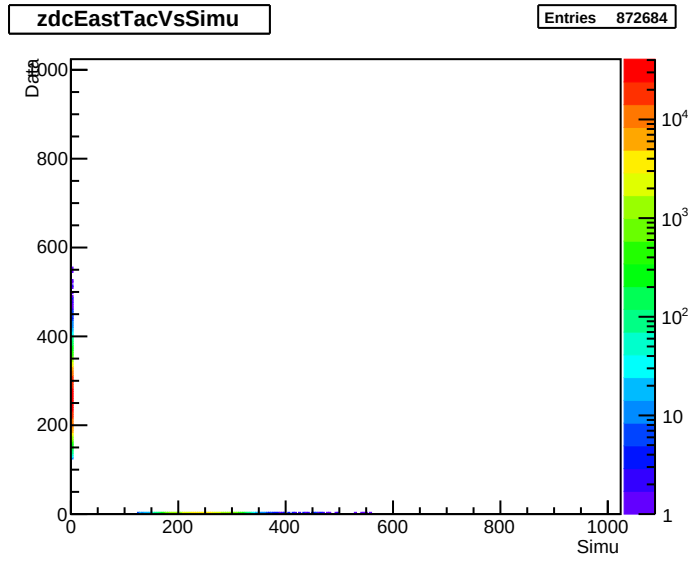

vpdWestNHits
Entries4736878

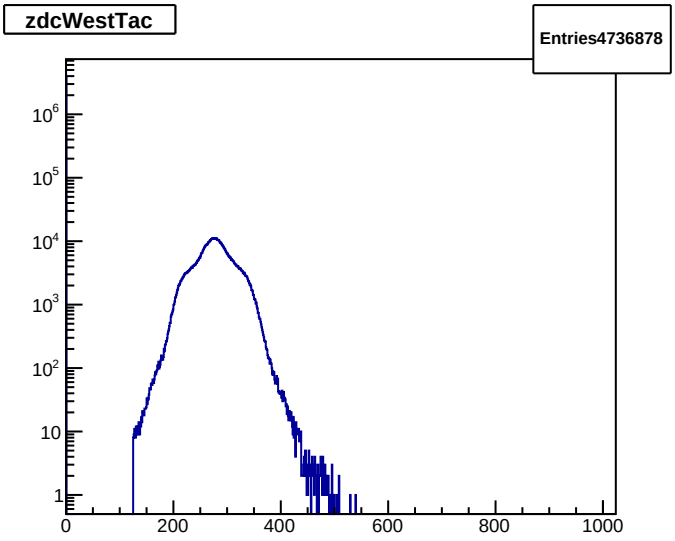

vpdWestNHitsVsSimu
Entries 1149747

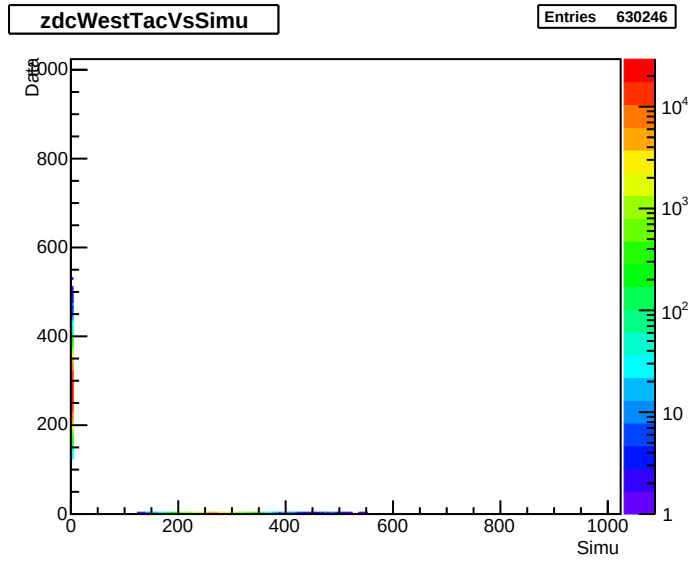

vpdWestTacSum
Entries4736878

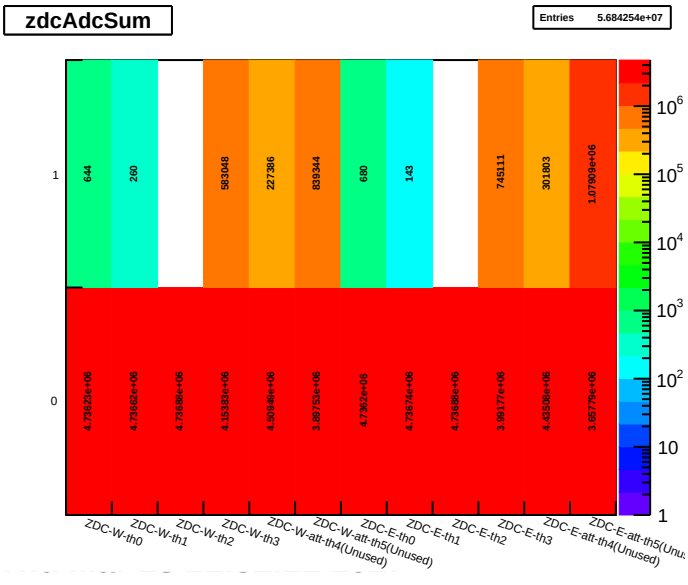

vpdWestTacSumVsSimu
Entries 3692007
Data
Simu

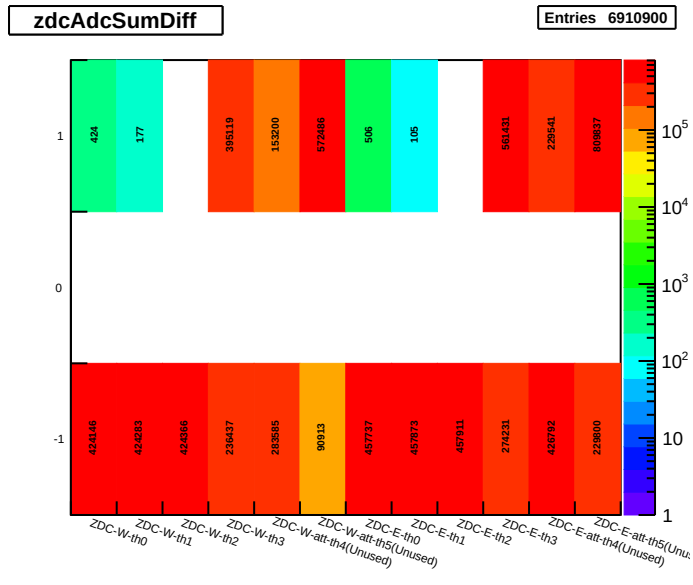

zdcEastTac
Entries4736878

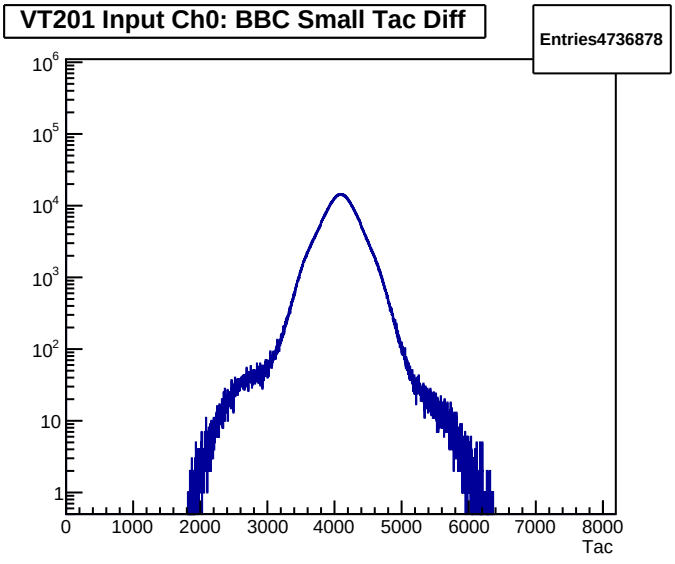

zdcEastTacVsSimu
Entries 872684
Data
Simu

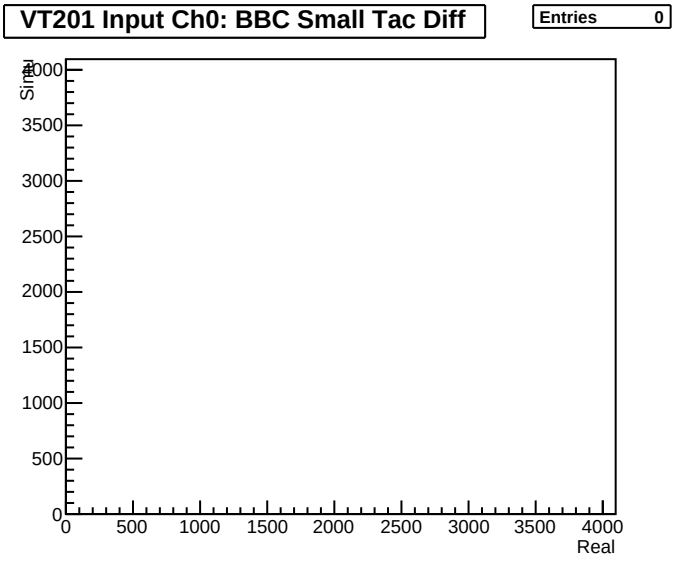

zdcWestTac
Entries4736878

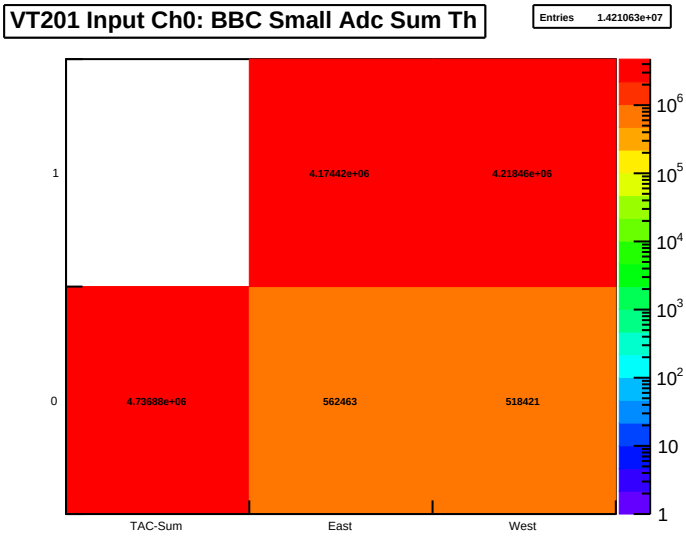

zdcWestTacVsSimu
Entries 630246
Data
Simu

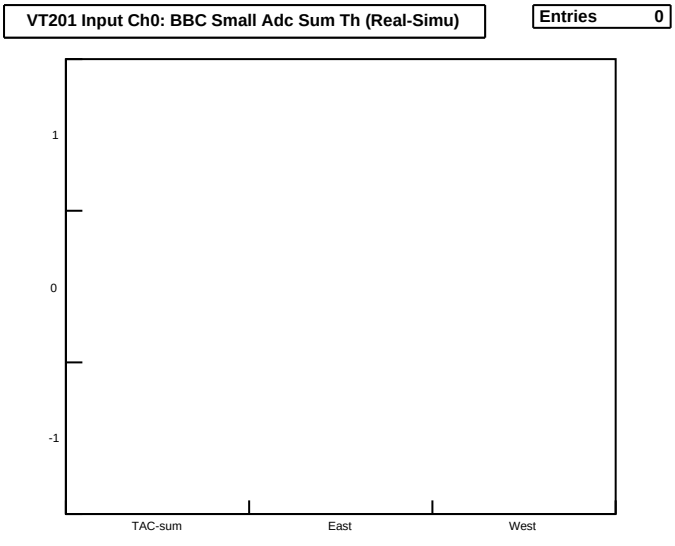

zdcAdcSum
Entries 5.684254e+07
644
260
583048
227386
839344
680
143
746111
301803
1.07909e+06
4.73622e+06
4.73662e+06
4.73688e+06
4.15383e+06
4.50949e+06
3.89753e+06
4.73622e+06
4.73674e+06
4.73688e+06
3.98177e+06
4.43508e+06
3.65779e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

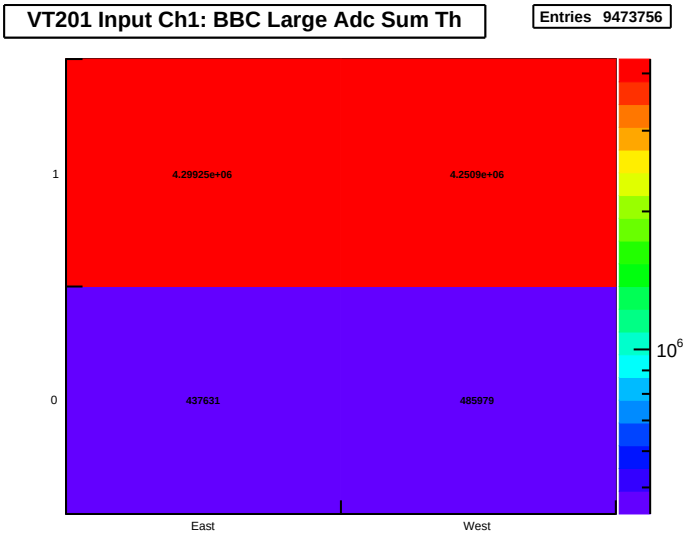

zdcAdcSumDiff
Entries 6910900
424
177
395119
153200
572486
506
105
561431
229541
809837
424146
424283
424366
236437
283585
90913
457737
457873
457911
274231
425792
228800
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

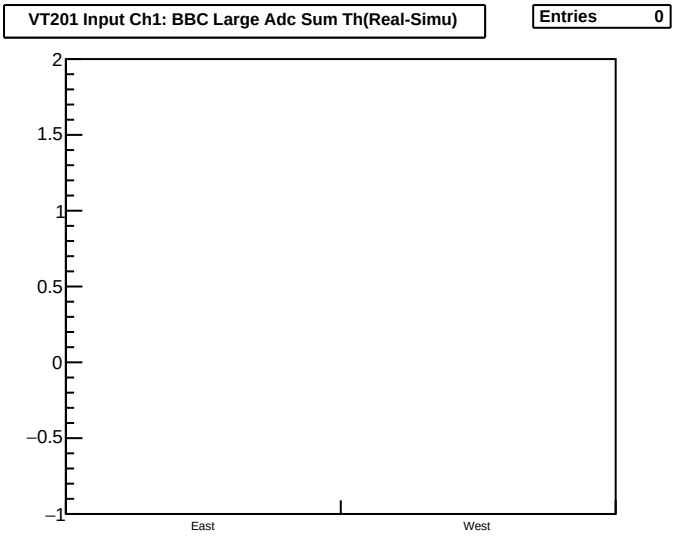

VT201 Input Ch0: BBC Small Tac Diff
Entries4736878
Tac


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

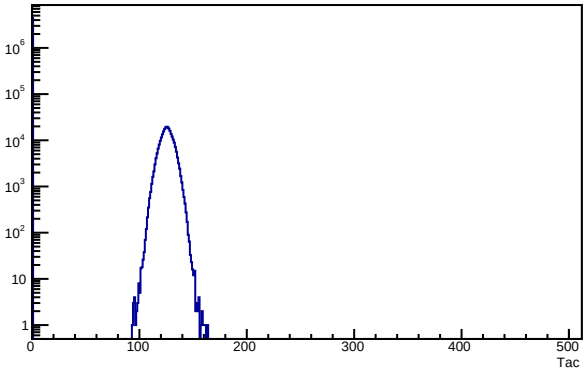

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.421063e+07
4.17442e+06
4.21846e+06
4.73688e+06
562463
518421
TAC-Sum
East
West


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

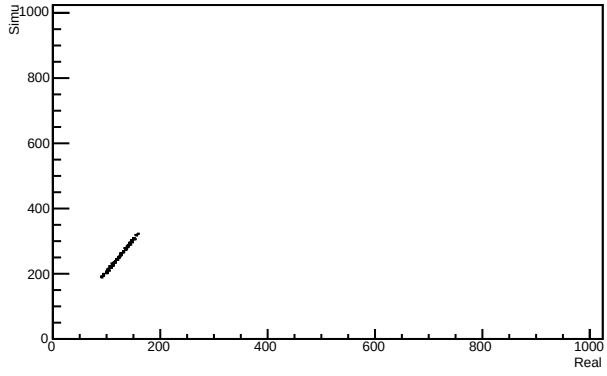

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9473756
4.29925e+06
4.2509e+06
437631
485979
East
West


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

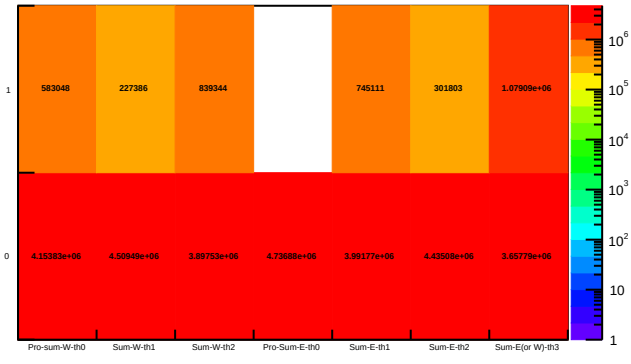
VT201 Input Ch2: ZDC Tac Diff



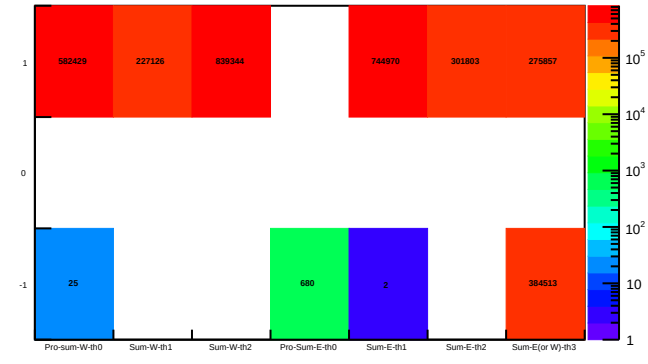
VT201 Input Ch2: ZDC Tac Diff



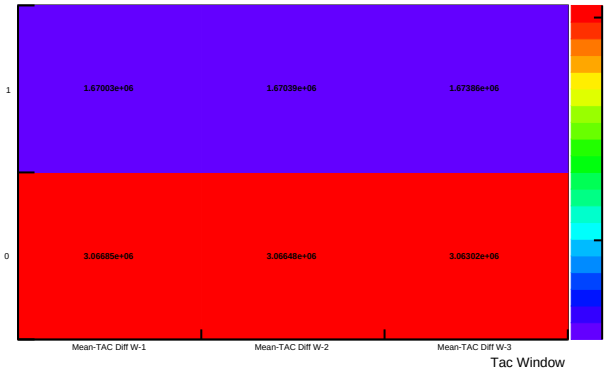
VT201 Input Ch2: ZDC Adc Sum Th



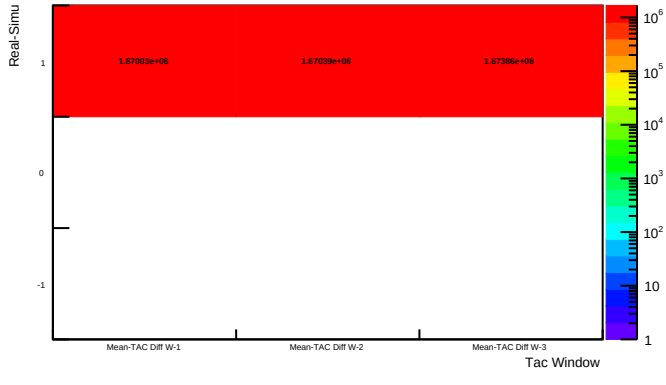
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



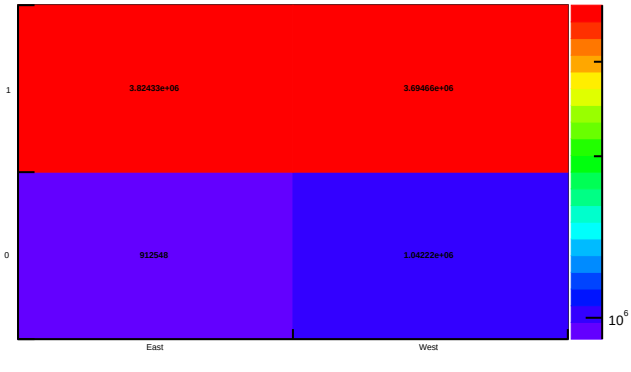
VT201 Input Ch4: VPD Tac Diff



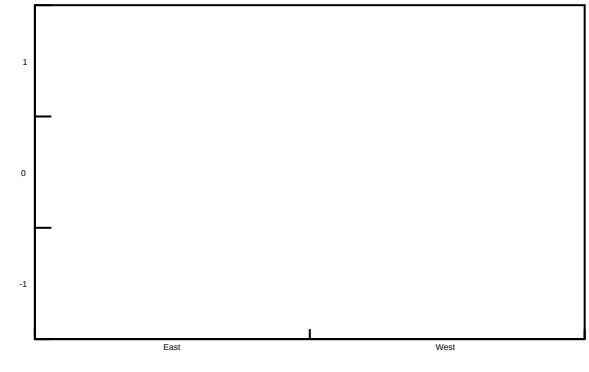
VT201 Input Ch4: VPD Tac Diff

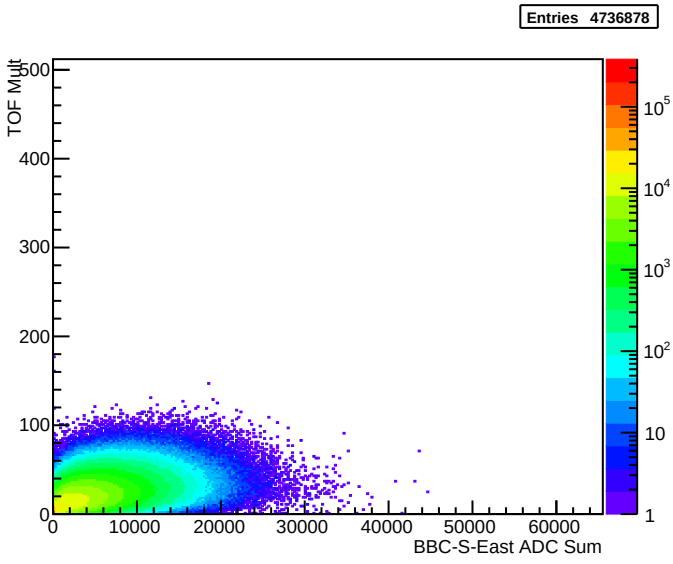


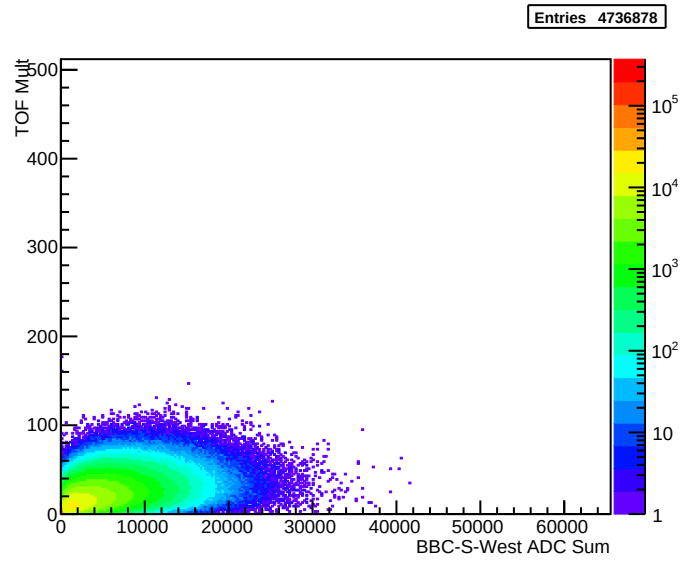
VT201 Input Ch4: VPD Adc Sum Th

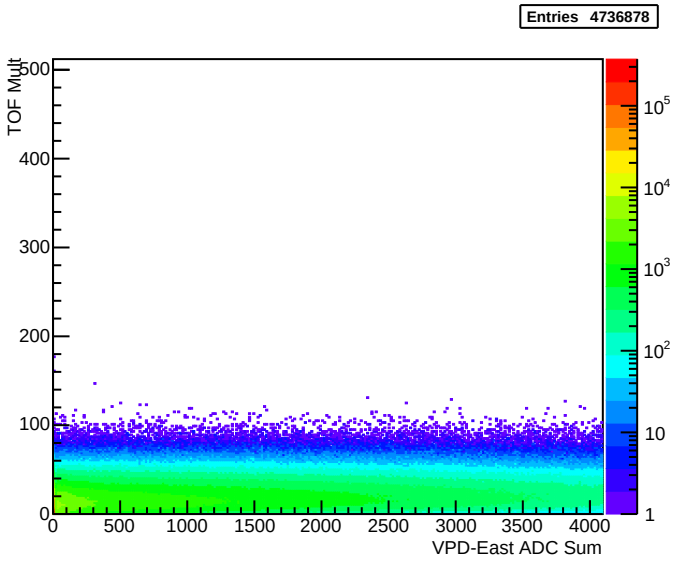


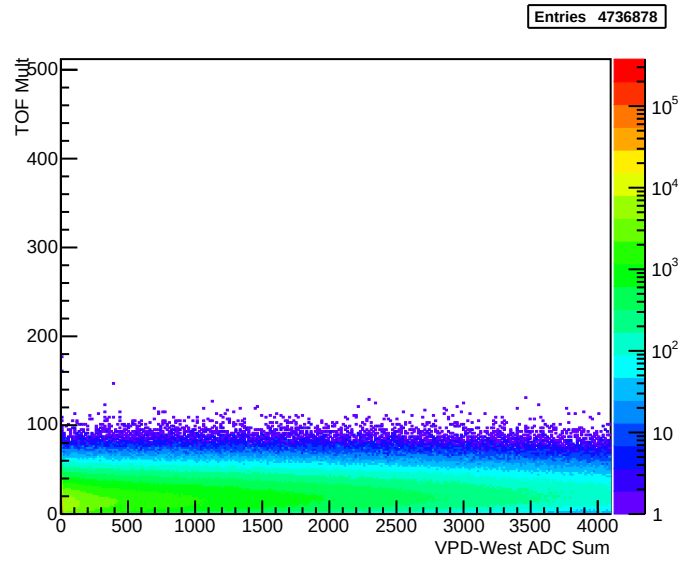
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

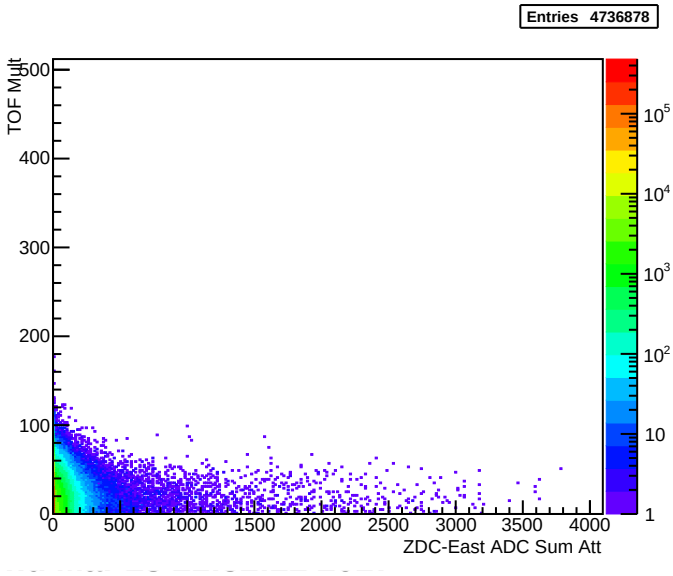


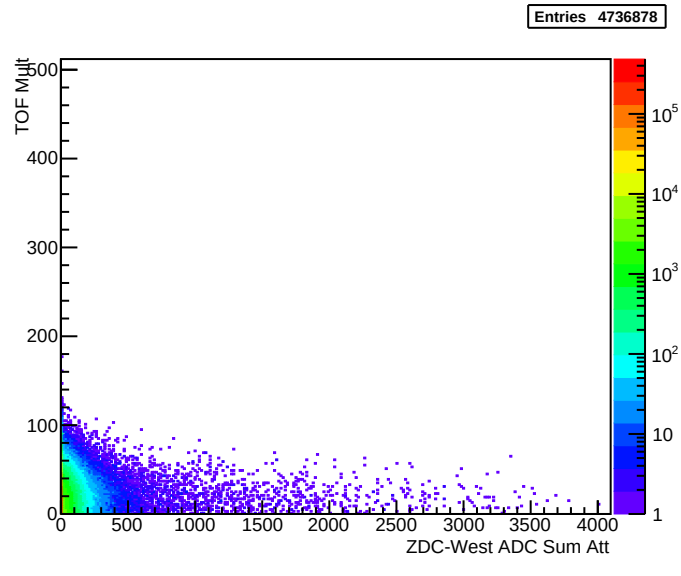

Entries 4736878
TOF Mult
BBC-S-East ADC Sum

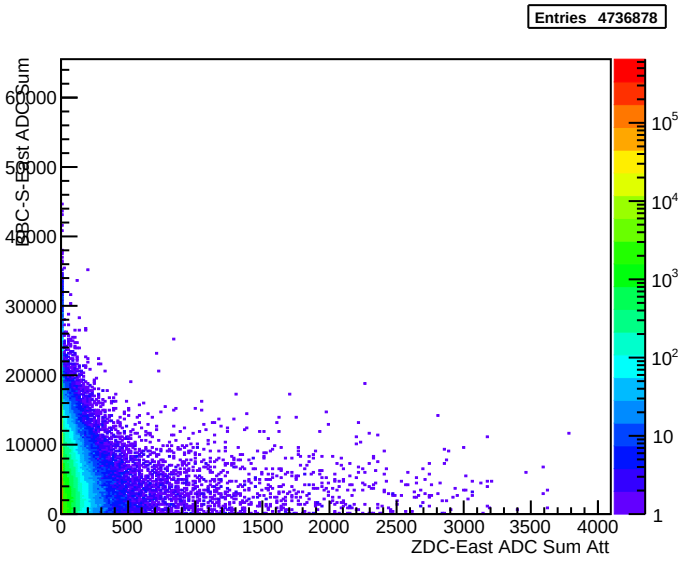

Entries 4736878
TOF Mult
BBC-S-West ADC Sum

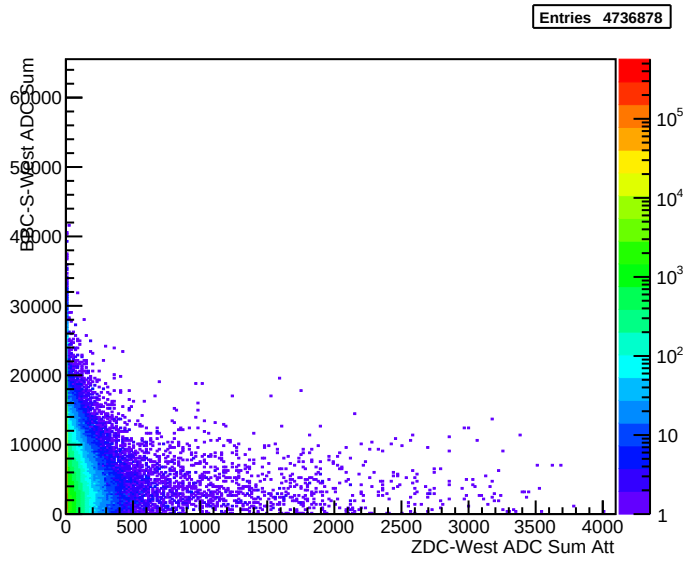

Entries 4736878
TOF Mult
VPD-East ADC Sum

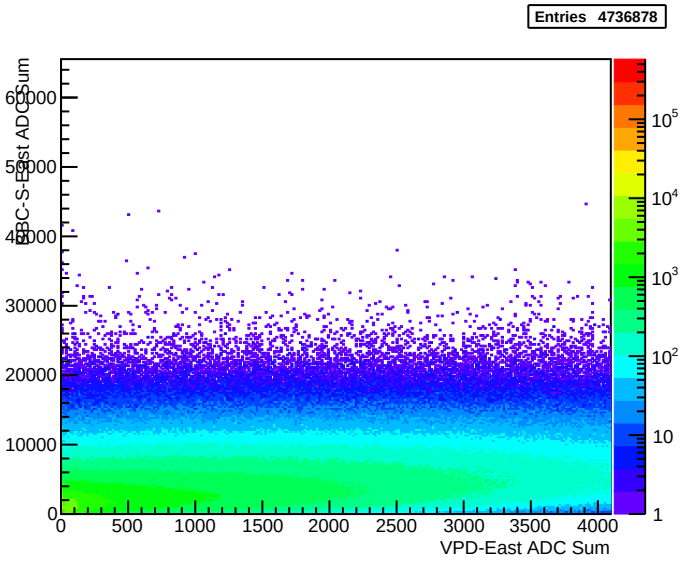

Entries 4736878
TOF Mult
VPD-West ADC Sum

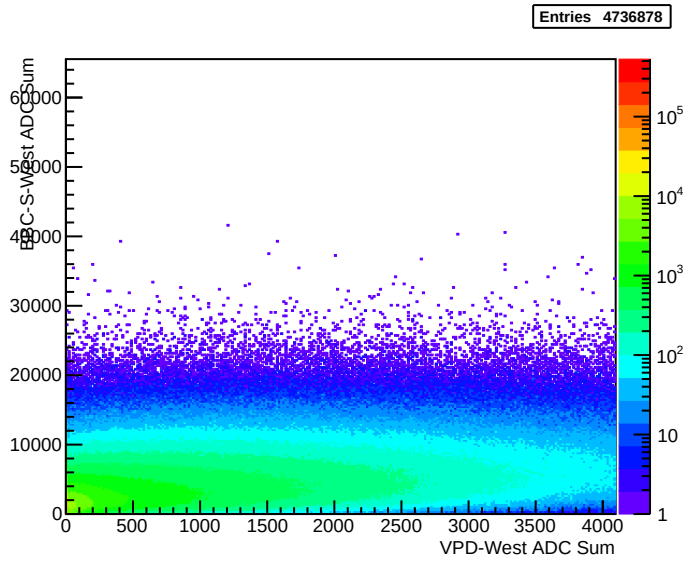

Entries 4736878
TOF Mult
ZDC-East ADC Sum Att

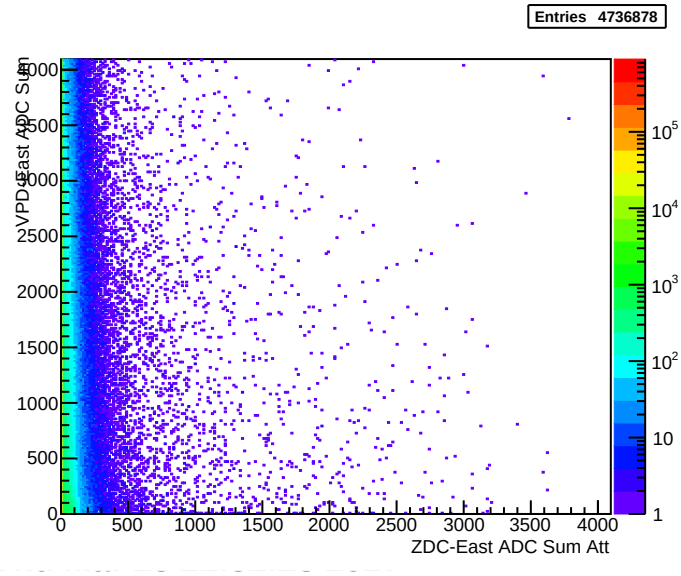

Entries 4736878
TOF Mult
ZDC-West ADC Sum Att

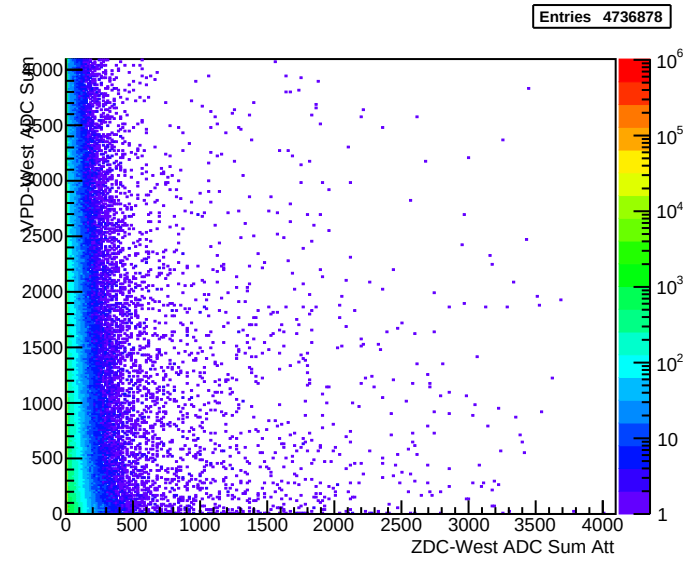

Entries 4736878
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

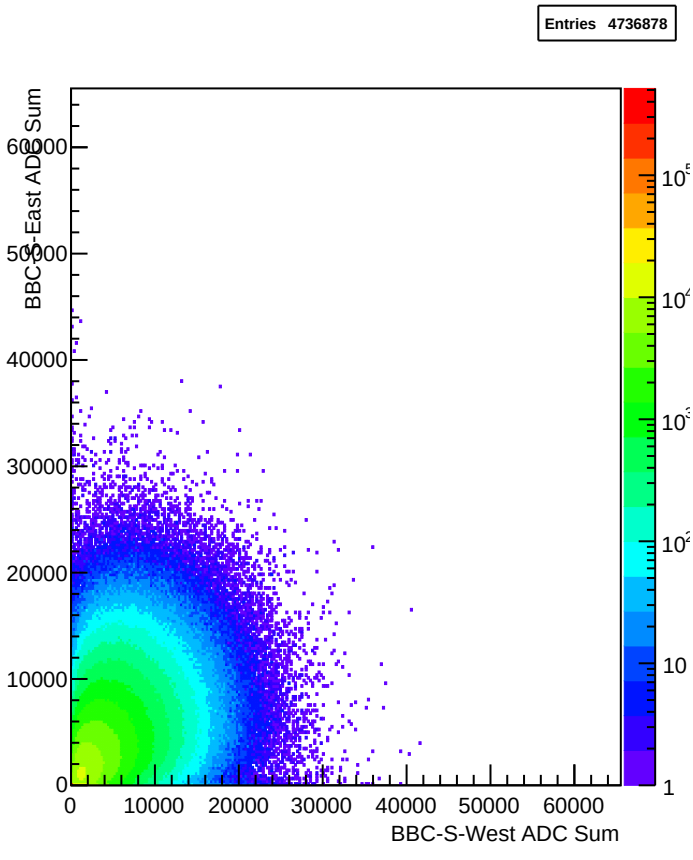

Entries 4736878
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

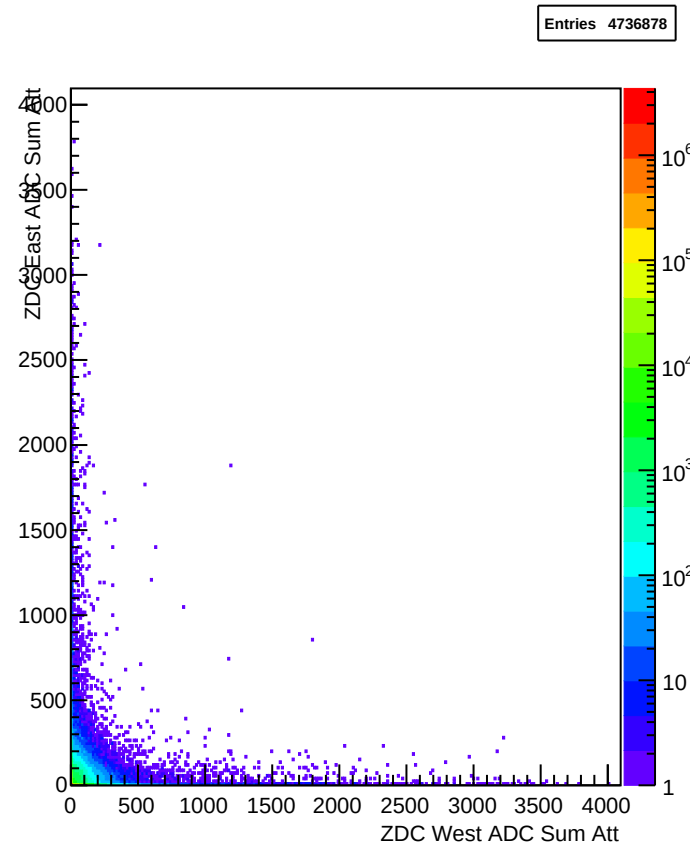

Entries 4736878
BBC-S-East ADC Sum
VPD-East ADC Sum

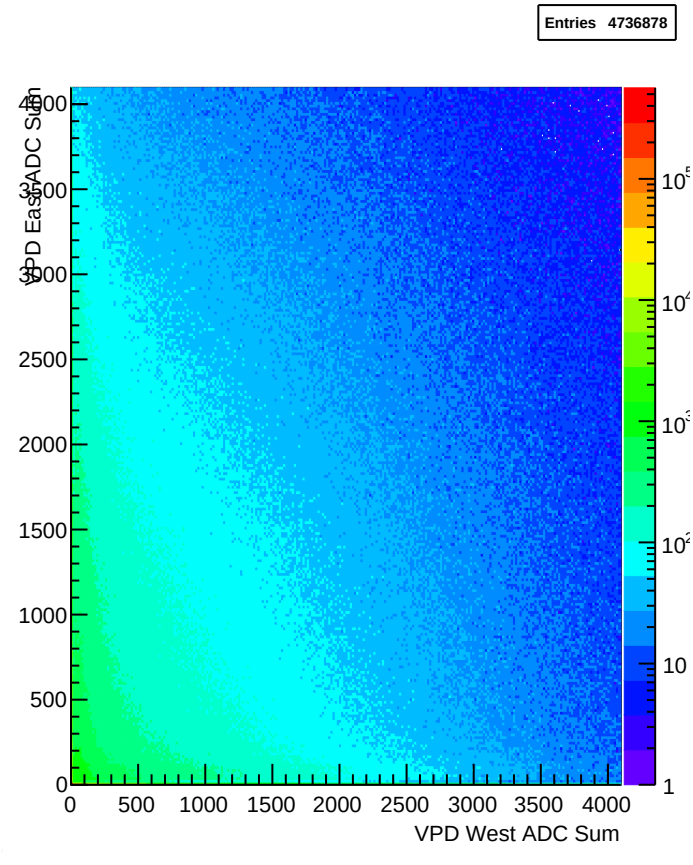

Entries 4736878
BBC-S-West ADC Sum
VPD-West ADC Sum

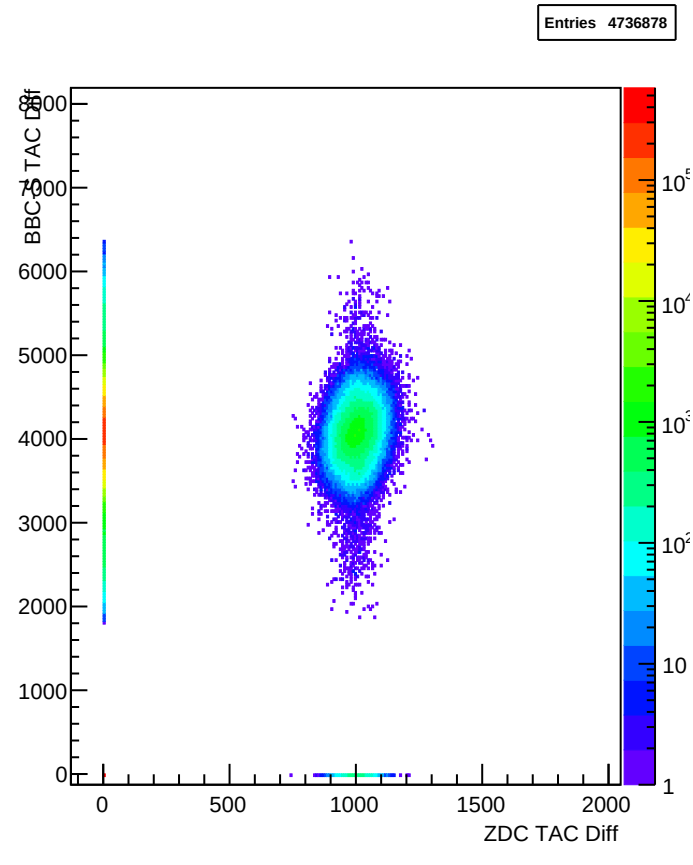

Entries 4736878
VPD-East ADC Sum
ZDC-East ADC Sum Att

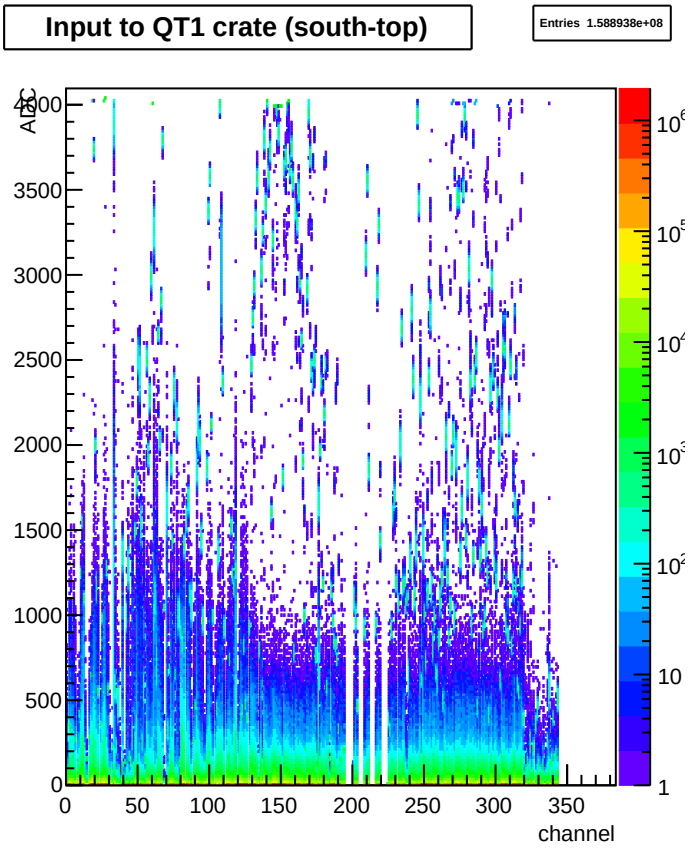

Entries 4736878
VPD-West ADC Sum
ZDC-West ADC Sum Att

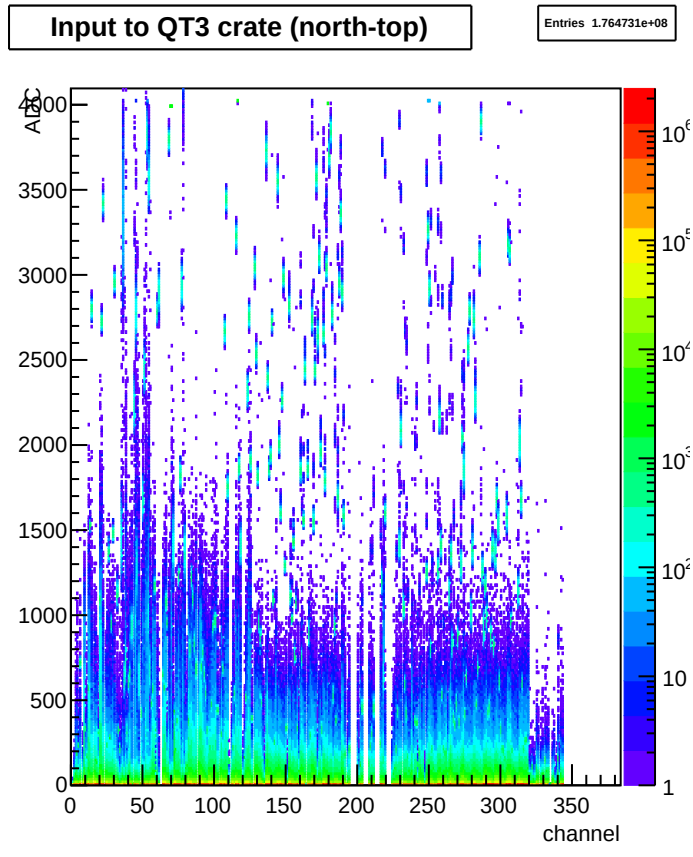

Entries 4736878
BBC-S-East ADC Sum
BBC-S-West ADC Sum

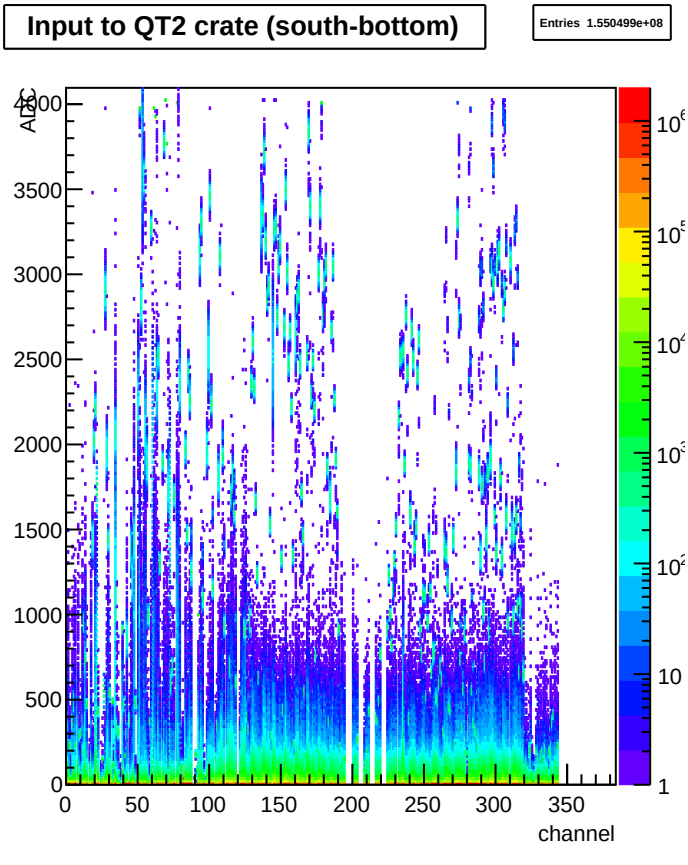

Entries 4736878
ZDC East ADC Sum Att
ZDC West ADC Sum Att

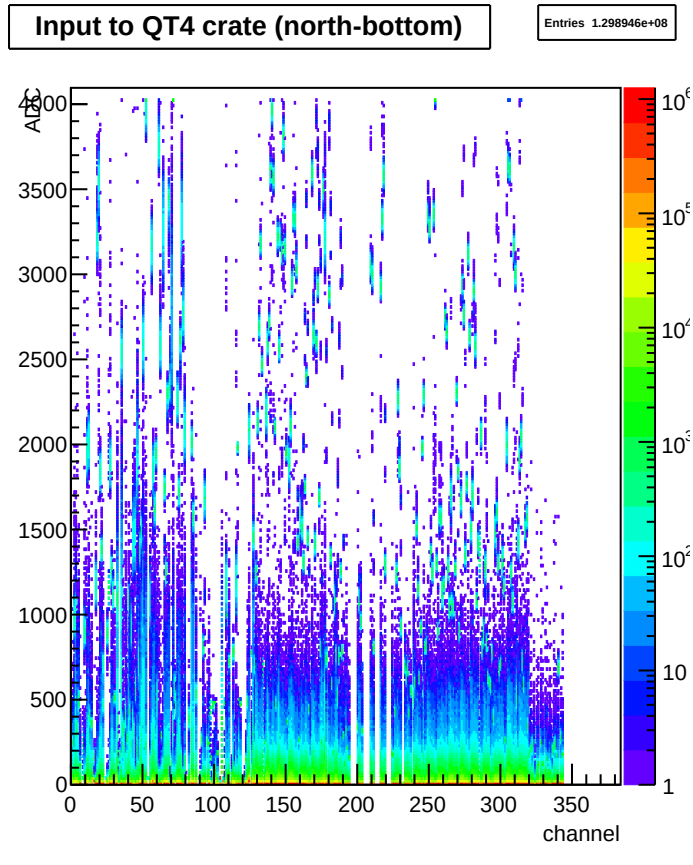

Entries 4736878
VPD East ADC Sum
VPD West ADC Sum

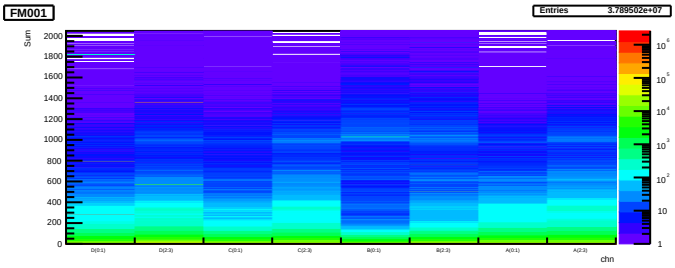

Entries 4736878
BBC-S TAC Diff
ZDC TAC Diff

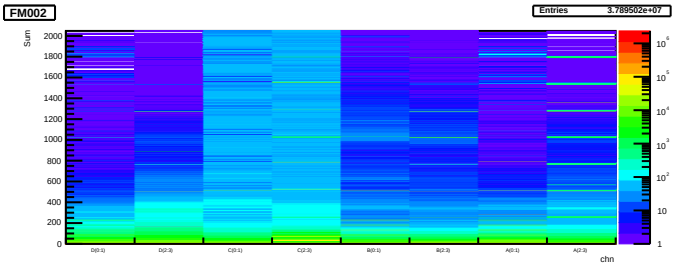

Input to QT1 crate (south-top)
Entries 1.588938e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.764731e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.550499e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.298946e+08
ADC
channel


FM001
Entries 3.789502e+07
Sum
chn


FM002
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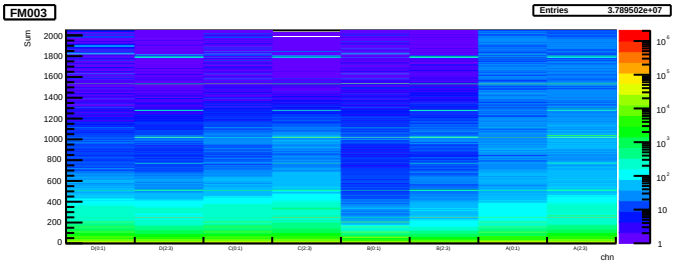
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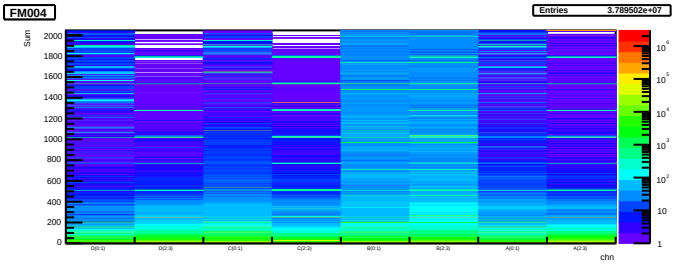
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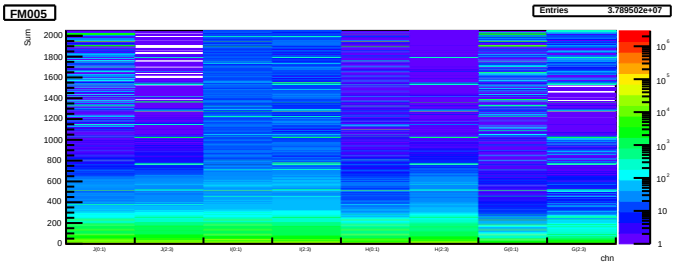
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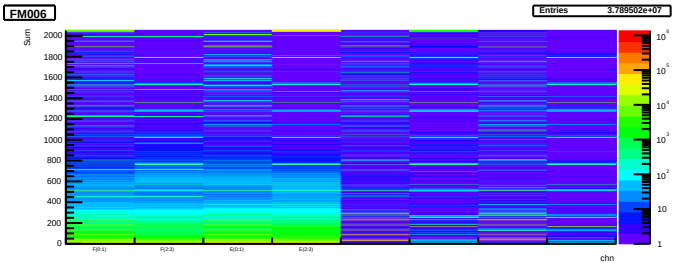
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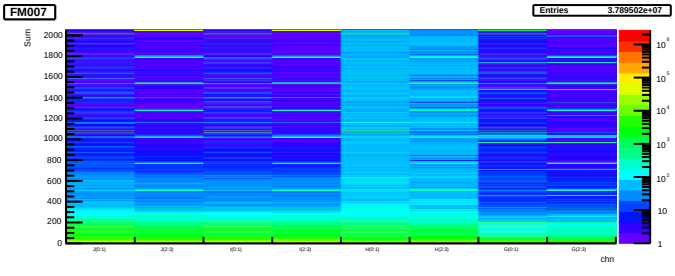
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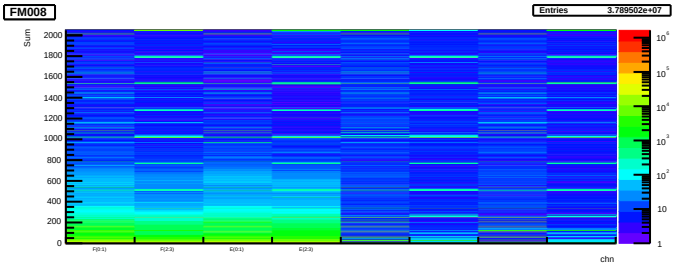
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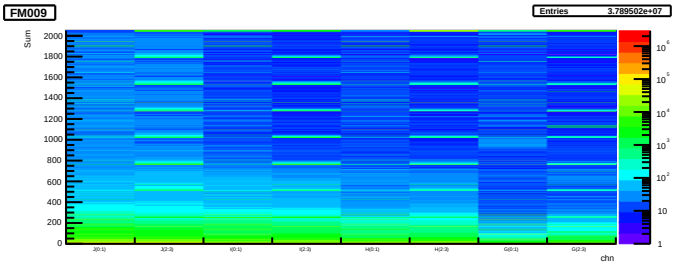
FM009
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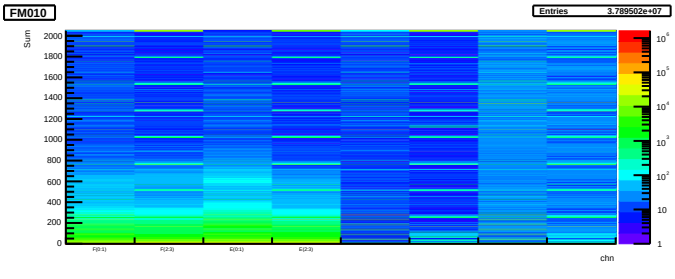
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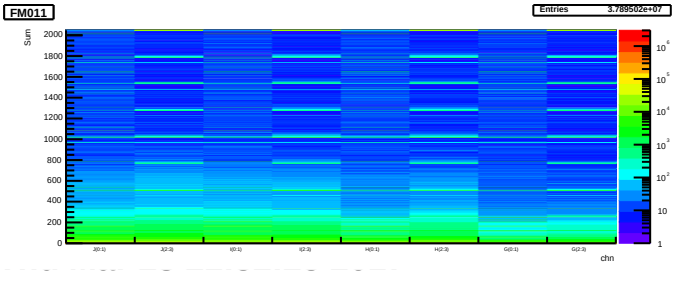
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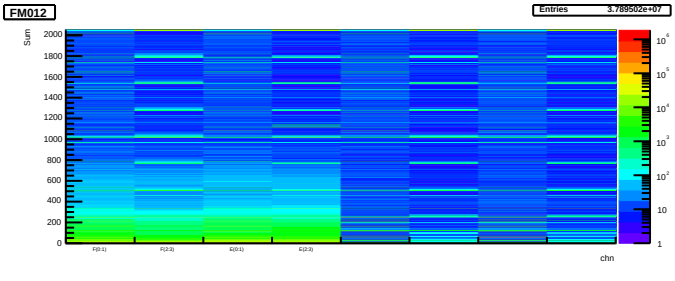
FM012
Entries 3.789502e+07
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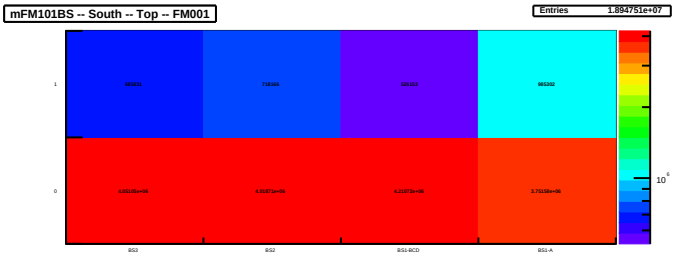
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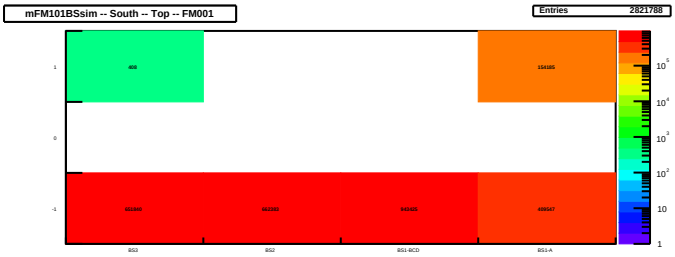
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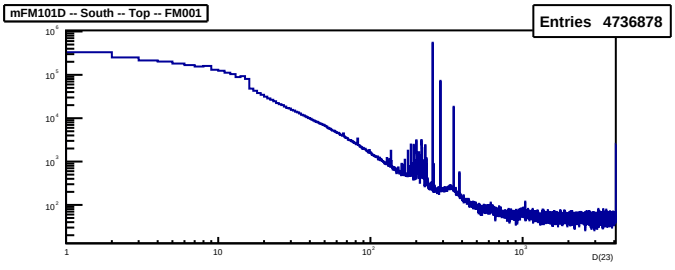
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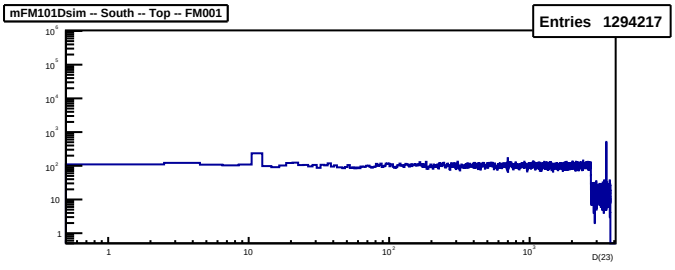
Entries 4736878
D(23)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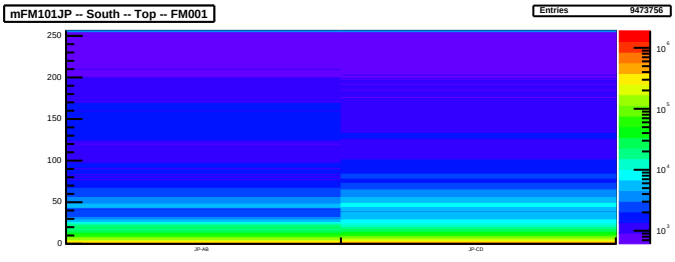
D(23)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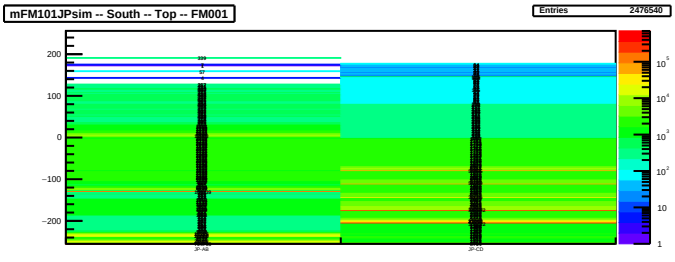
Entries 9473756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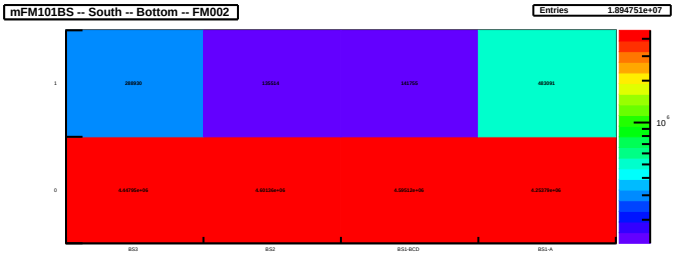
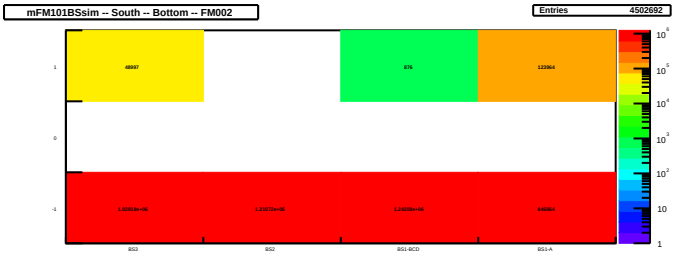

mFM101BS -- South -- Bottom -- FM002
Entries 1.894751e+07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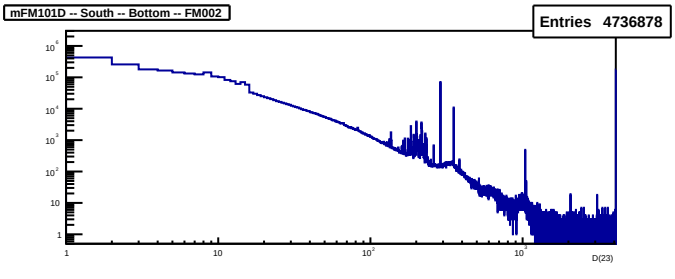
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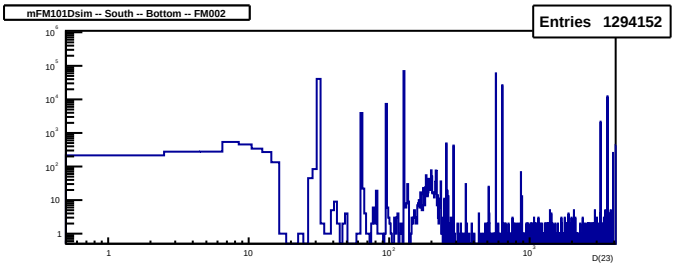
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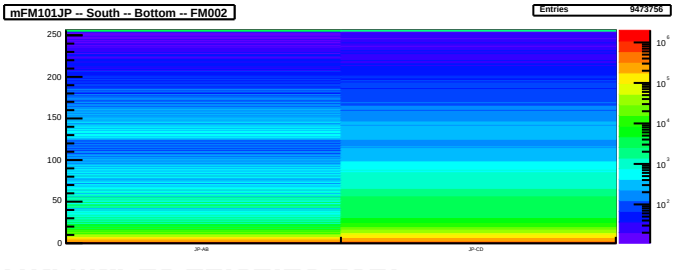
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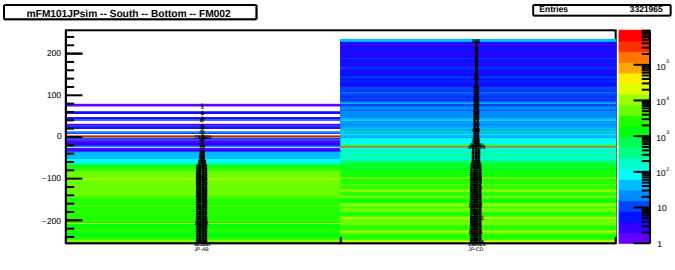
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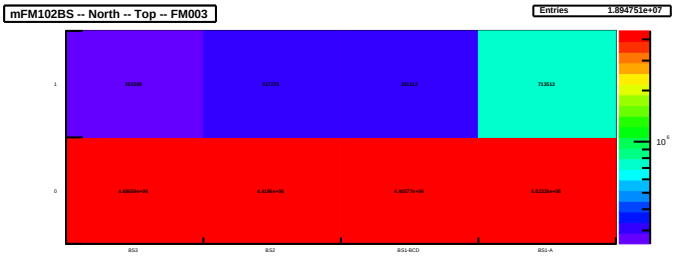
mFM102BS -- North -- Top -- FM003
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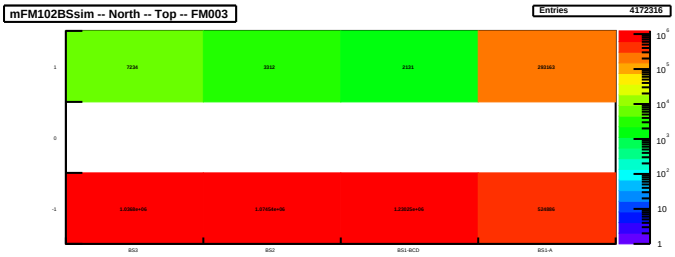
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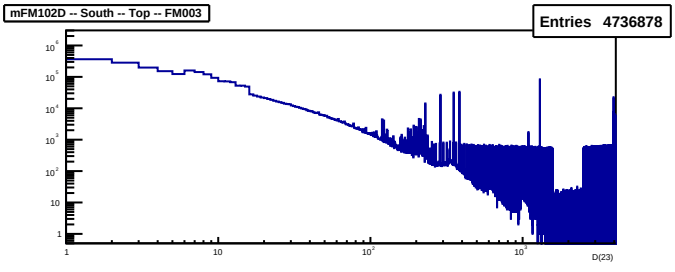
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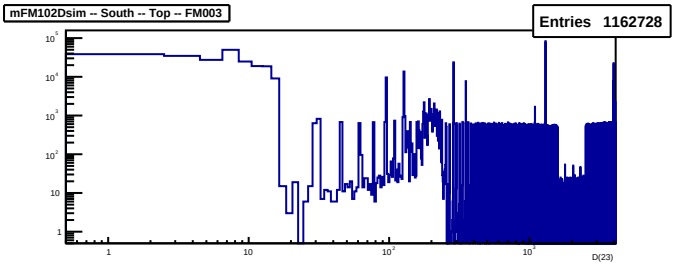
D(23)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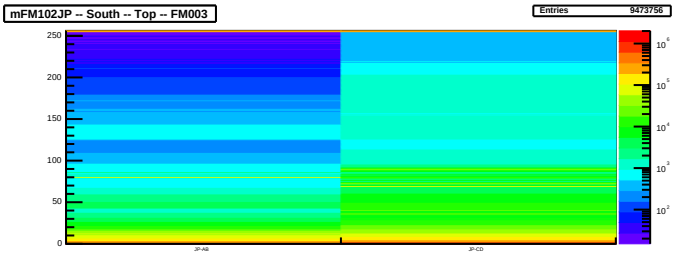
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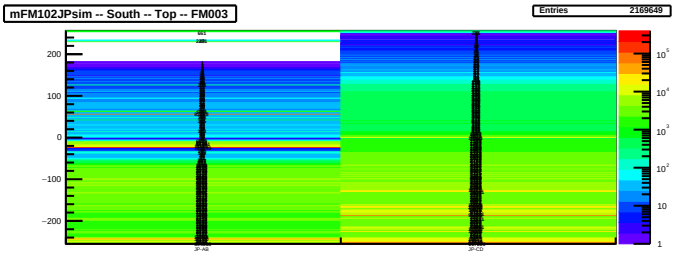
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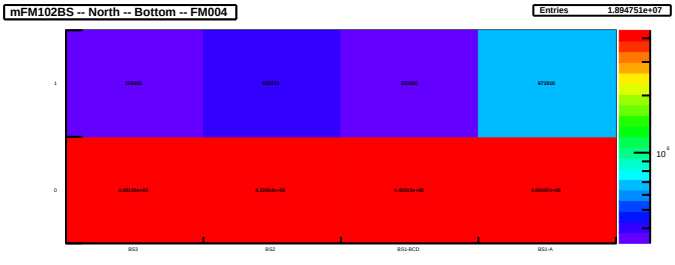
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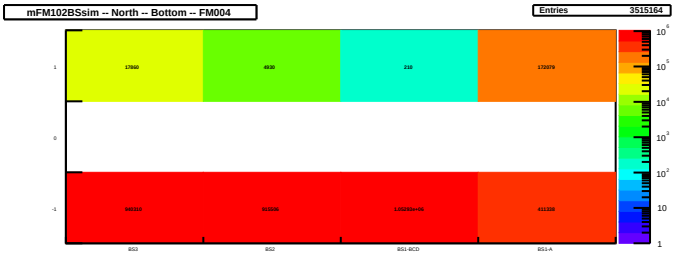
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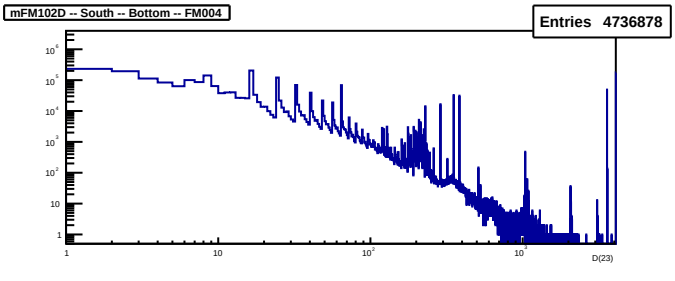
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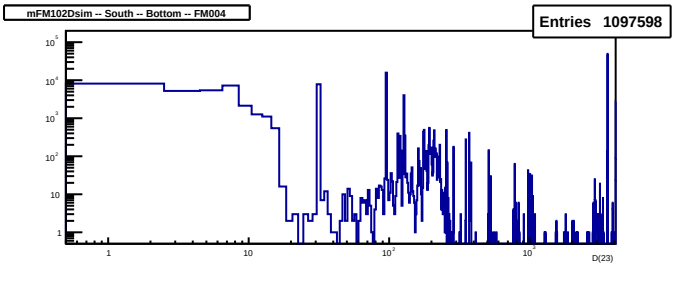
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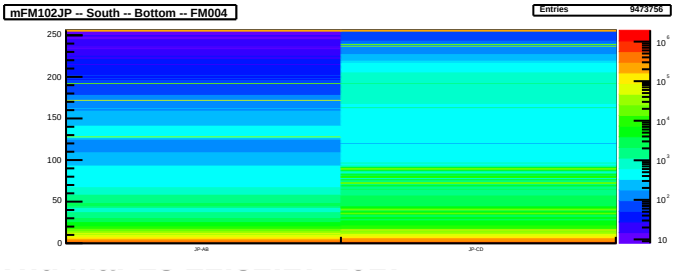
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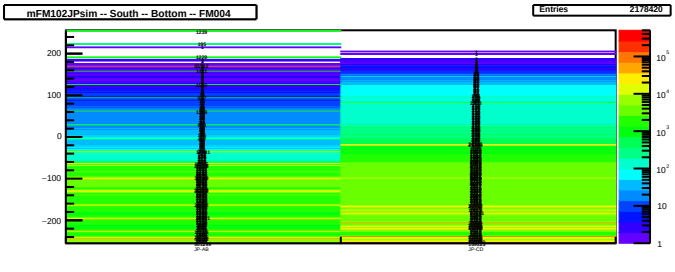
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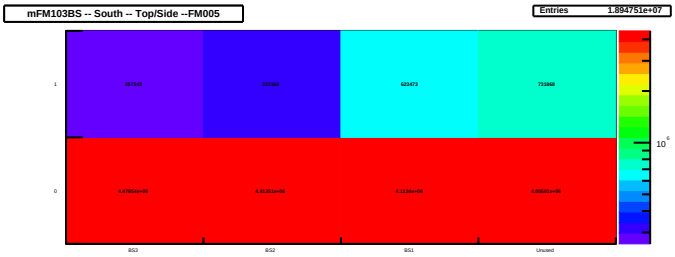
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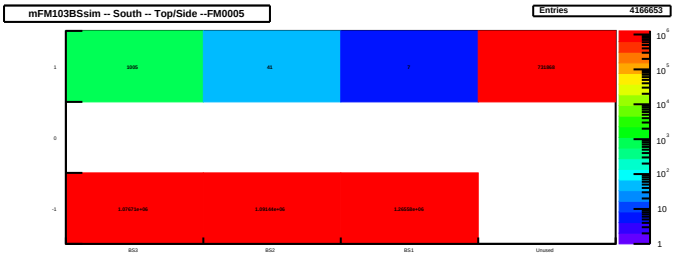
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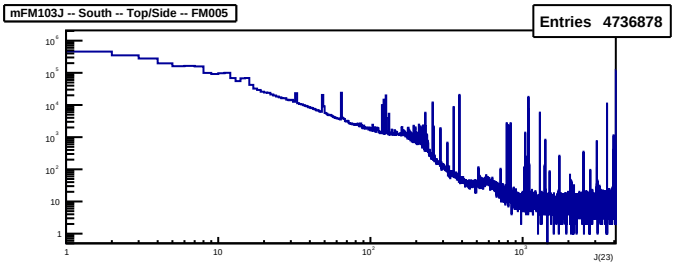
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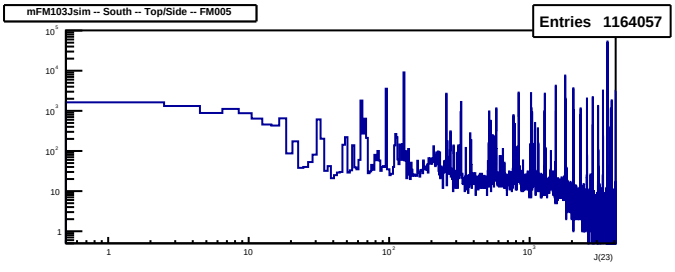
J(23)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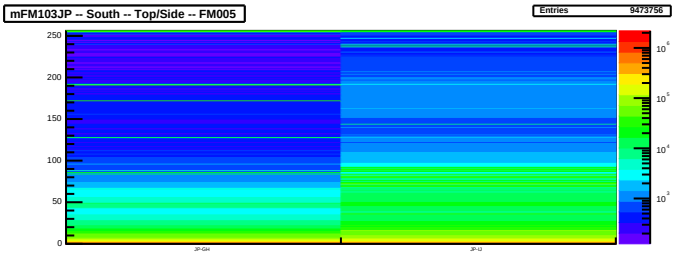
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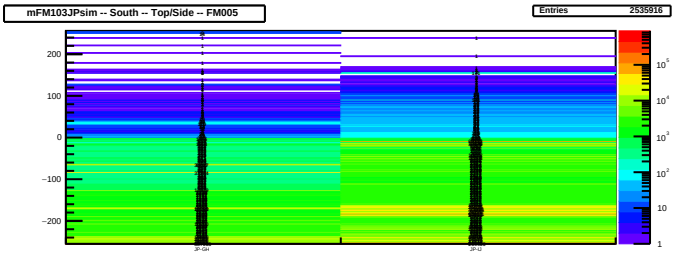
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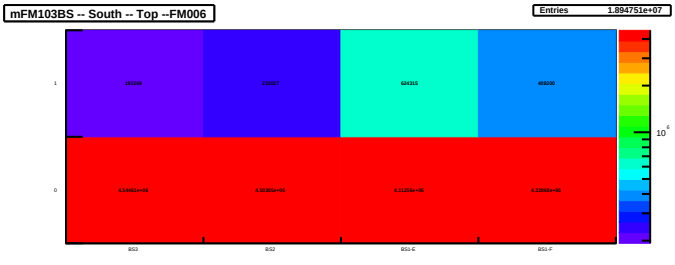
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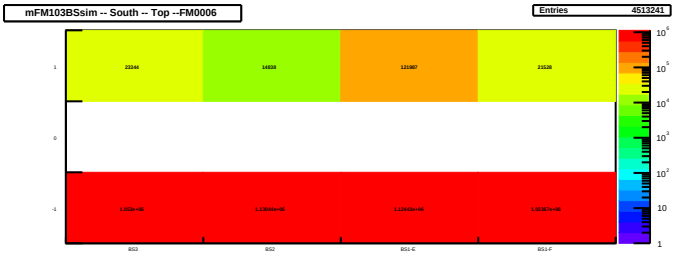
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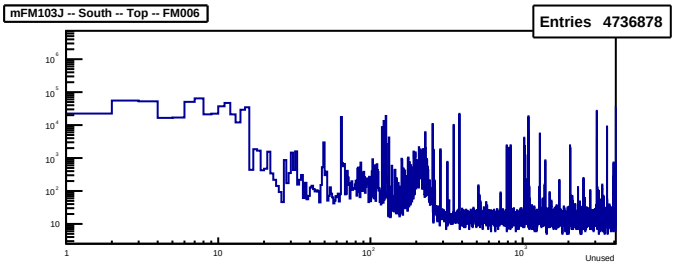
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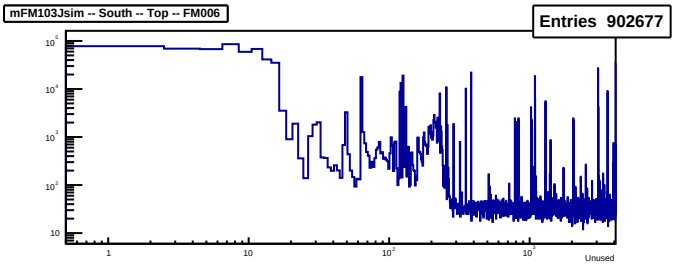
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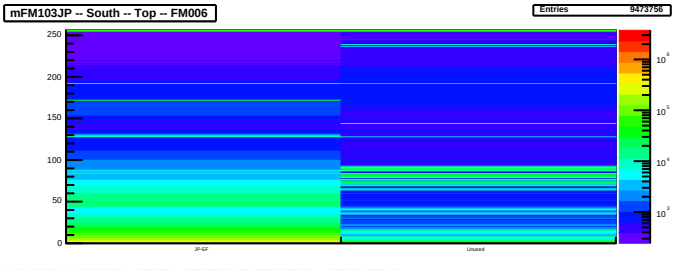
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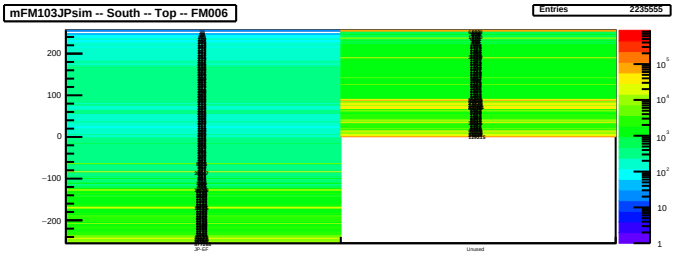
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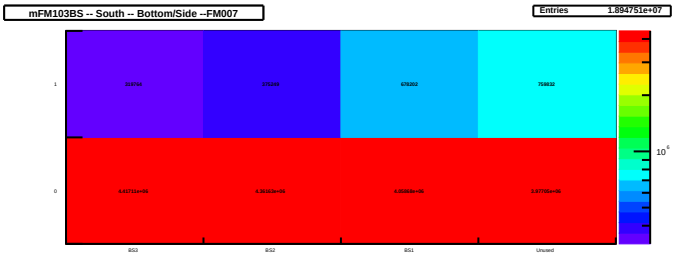
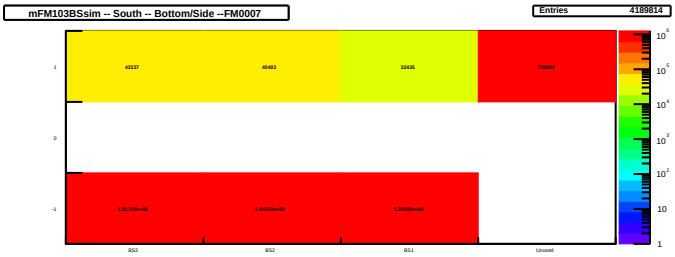

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.894751e+07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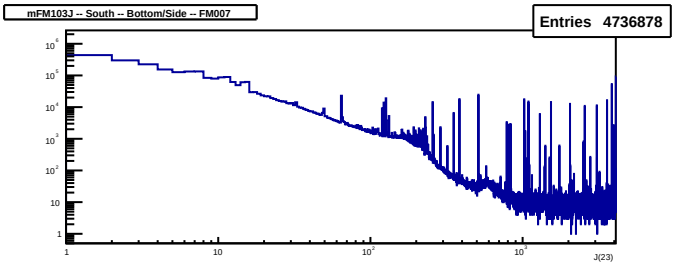
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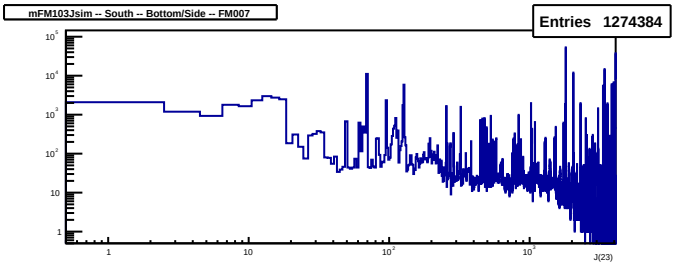
J(23)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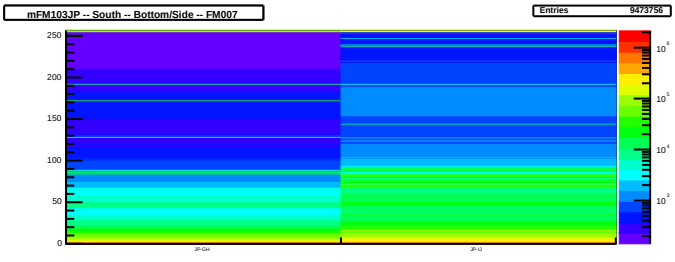
J(23)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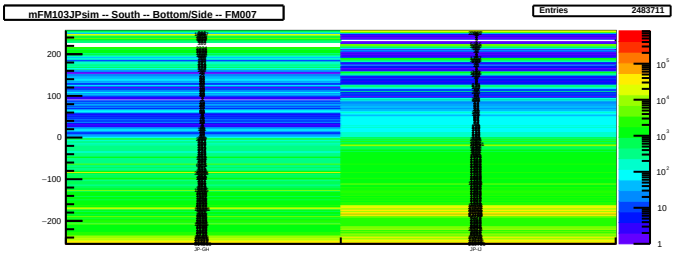
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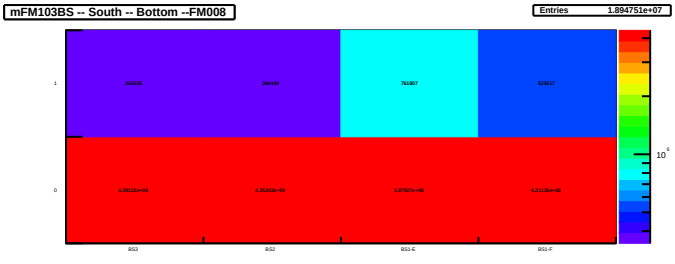
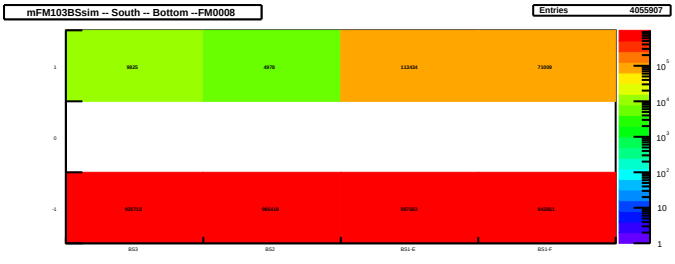
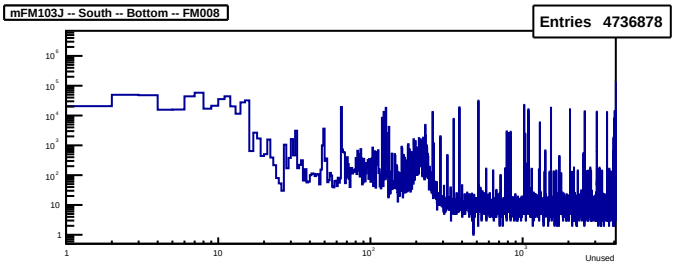
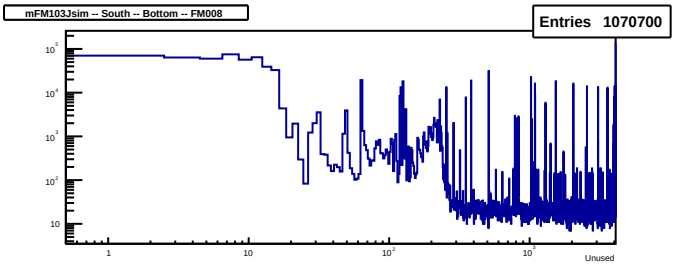

mFM103BS -- South -- Bottom --FM008
Entries 1.894751e+07


mFM103BSsim -- South -- Bottom --FM0008
Entries 4055907


mFM103J -- South -- Bottom -- FM008
Entries 4736878
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 1070700
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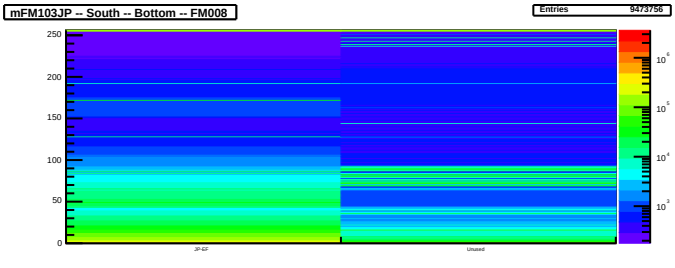
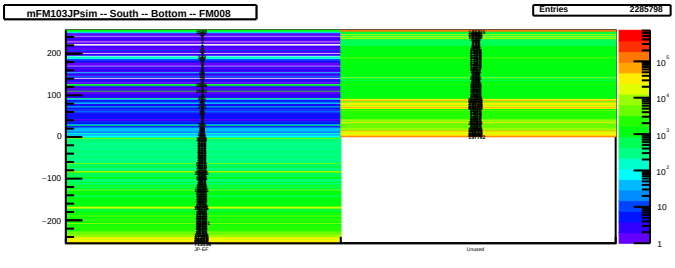
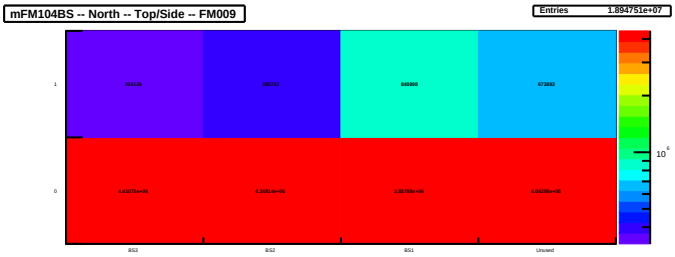
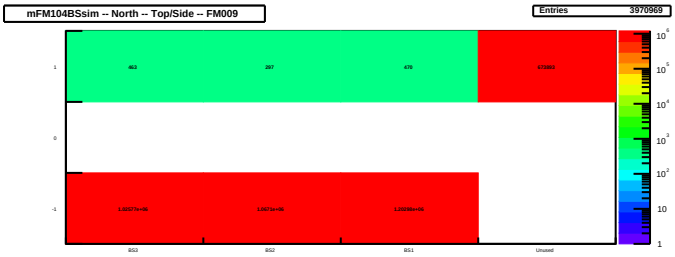

mFM103JP -- South -- Bottom -- FM008
Entries 9473756


mFM103JPsim -- South -- Bottom -- FM008
Entries 2285798


mFM104BS -- North -- Top/Side -- FM009
Entries 1.894751e+07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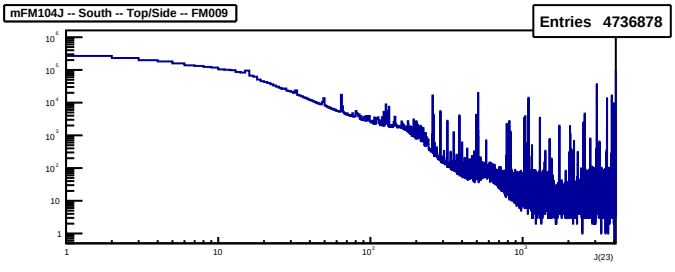
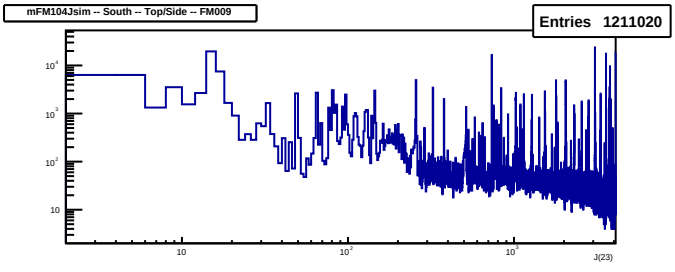

mFM104J -- South -- Top/Side -- FM009
Entries 4736878
J(23)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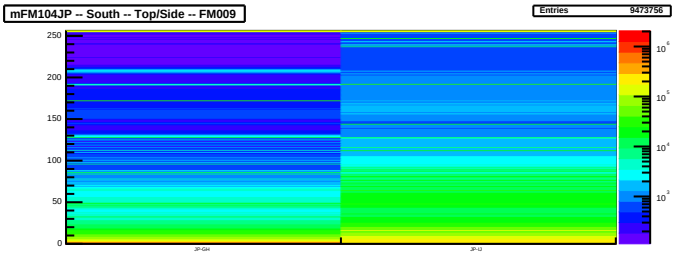
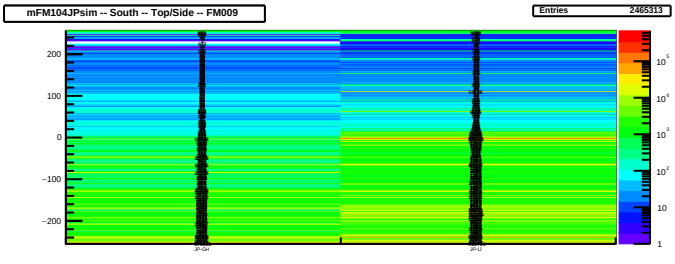
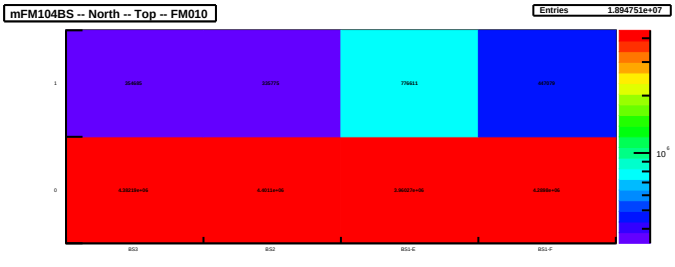
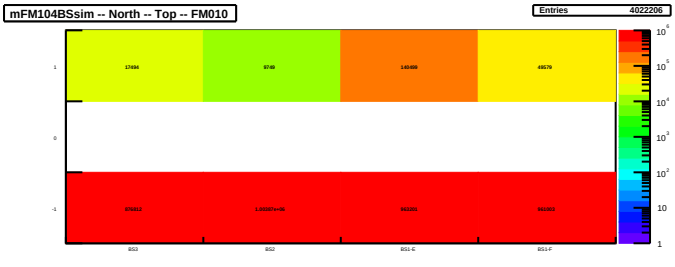
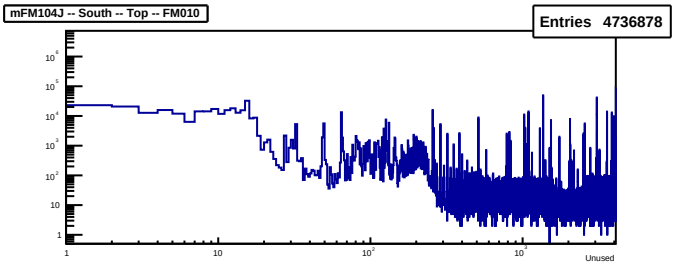
Entries 1211020
J(23)

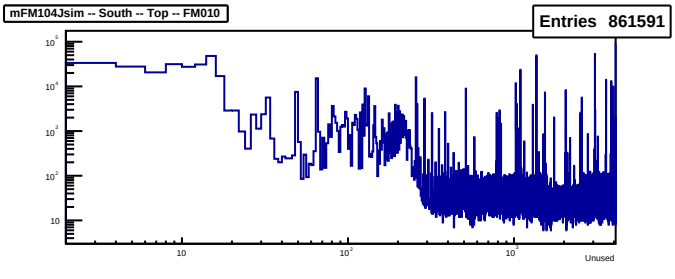

mFM104JP -- South -- Top/Side -- FM009
Entries 9473756

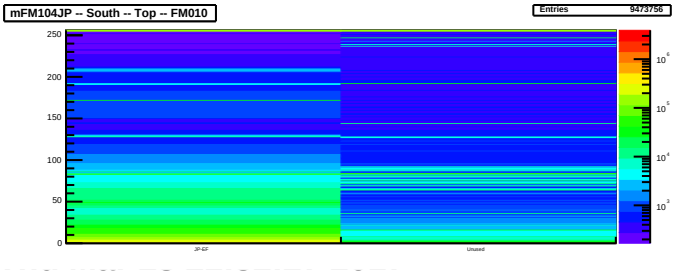

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2465313

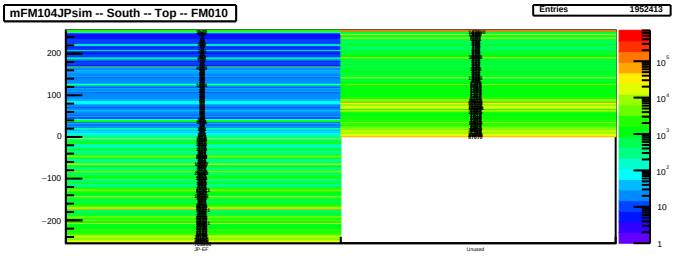

mFM104BS -- North -- Top -- FM010
Entries 1.894751e+07

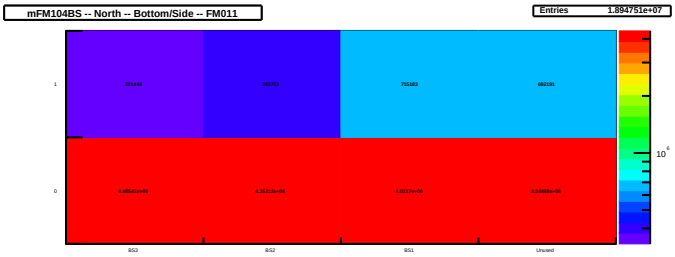

mFM104BSsim -- North -- Top -- FM010
Entries 4022206

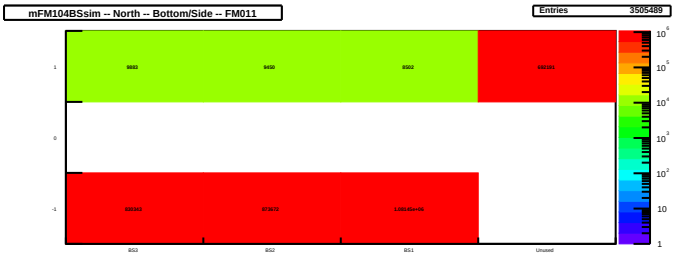

mFM104J -- South -- Top -- FM010
Entries 4736878
Unused

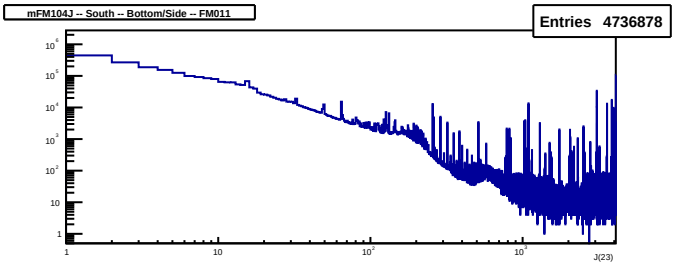

mFM104Jsim -- South -- Top -- FM010
Entries 861591
Unused

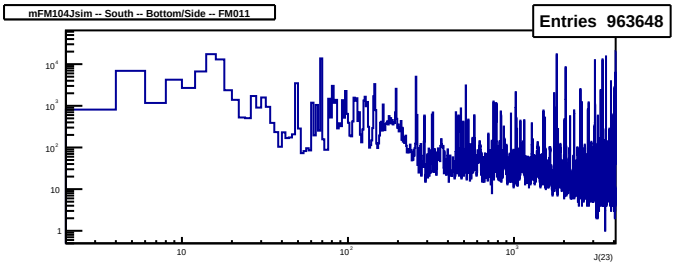

mFM104JP -- South -- Top -- FM010
Entries 9473756

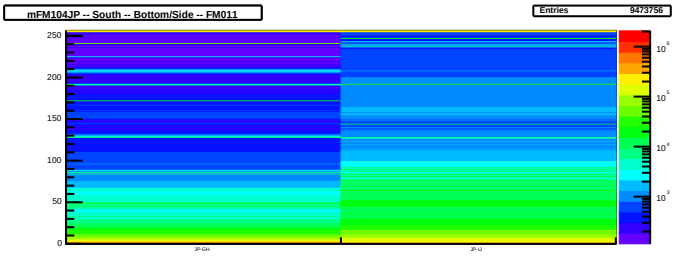

mFM104JPsim -- South -- Top -- FM010
Entries 1952413

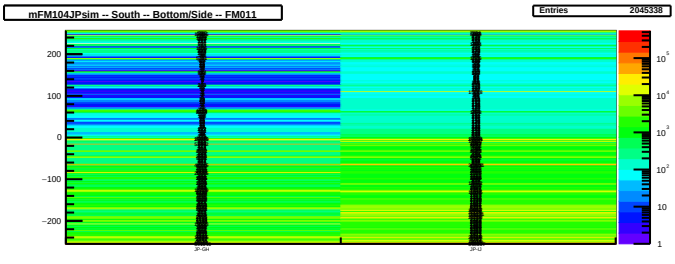

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.894751e+07

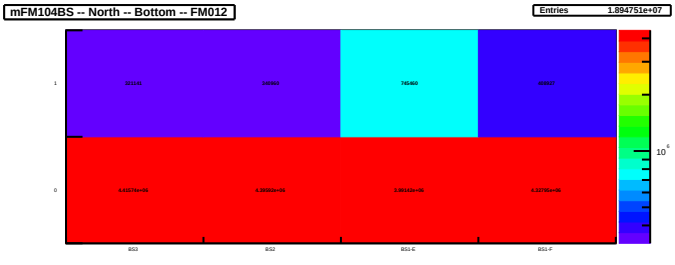

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3505489

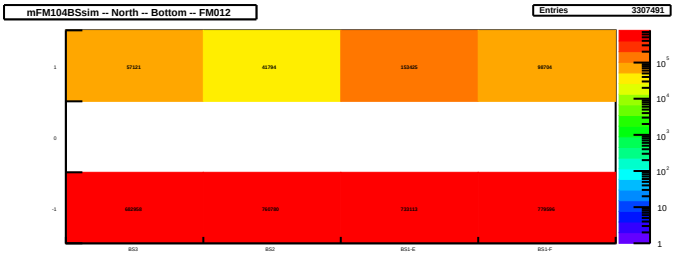

mFM104J -- South -- Bottom/Side -- FM011
Entries 4736878
J(23)

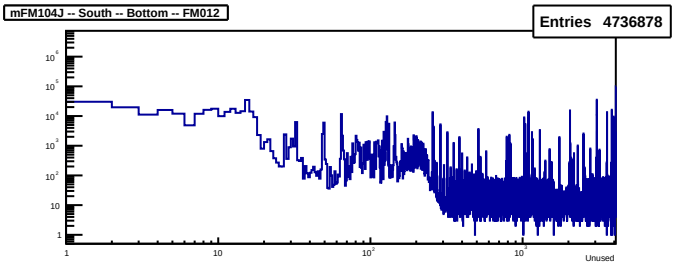

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 963648
J(23)

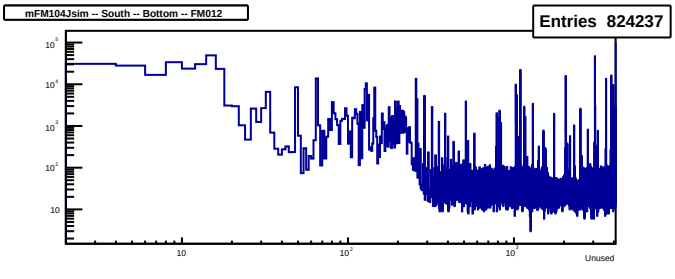

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9473756

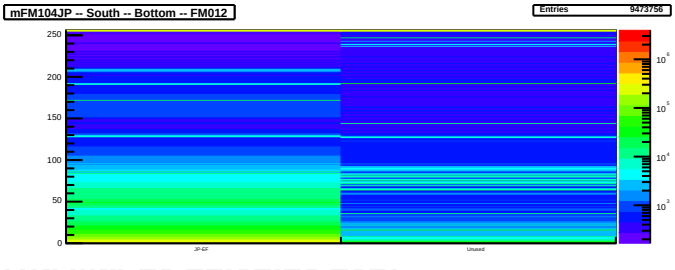

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2045338

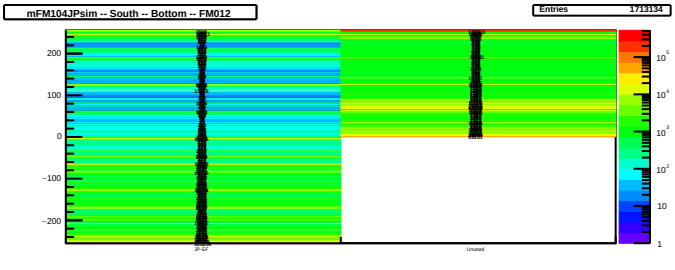

mFM104BS -- North -- Bottom -- FM012
Entries 1.894751e+07

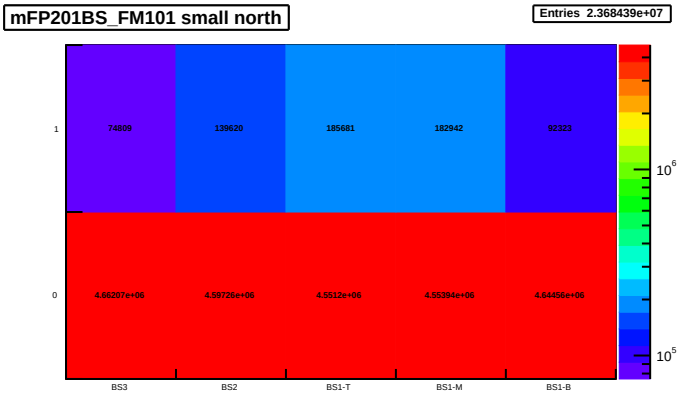

mFM104BSsim -- North -- Bottom -- FM012
Entries 3307491

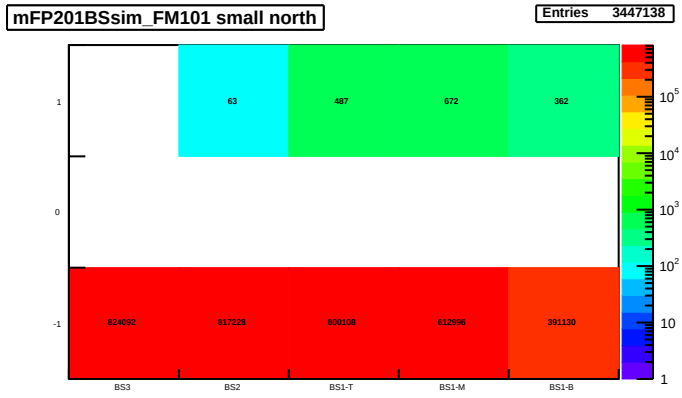

mFM104J -- South -- Bottom -- FM012
Entries 4736878
Unused

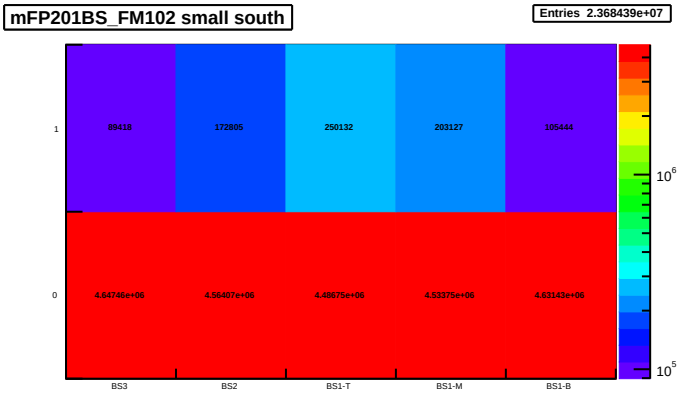

mFM104Jsim -- South -- Bottom -- FM012
Entries 824237
Unused

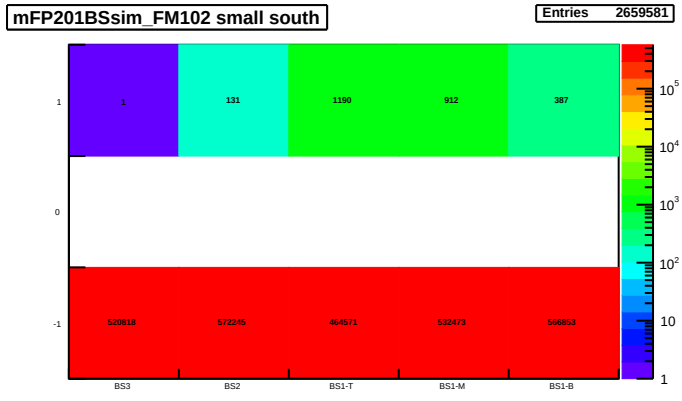

mFM104JP -- South -- Bottom -- FM012
Entries 9473756

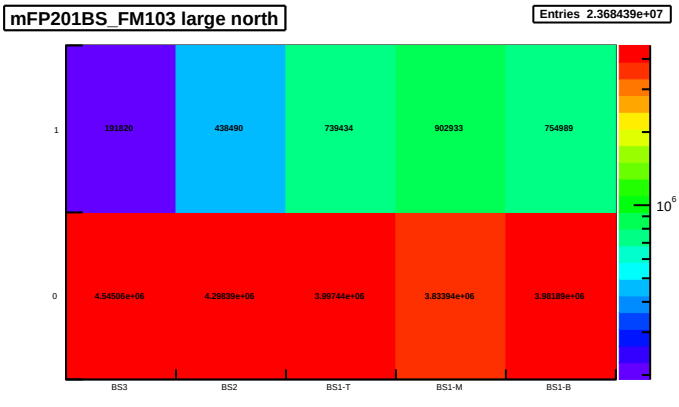

mFM104JPsim -- South -- Bottom -- FM012
Entries 1713134

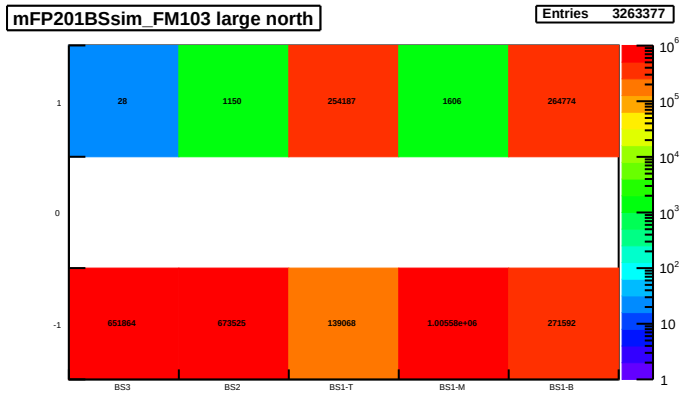

mFP201BS_FM101 small north
Entries 2.368439e+07
1
0
74809
139620
185681
182942
92323
4.66207e+06
4.59726e+06
4.5512e+06
4.55394e+06
4.64456e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

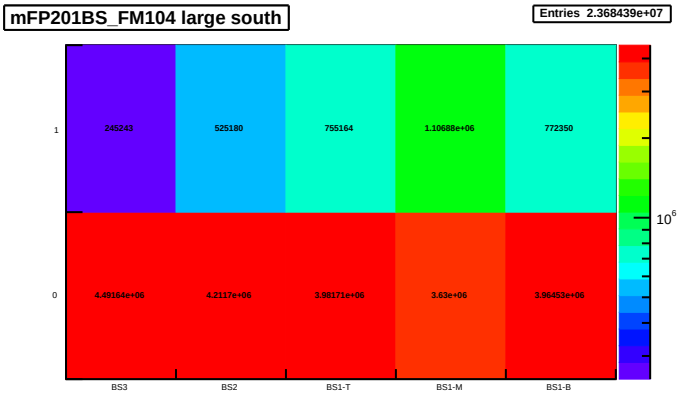

mFP201BSsim_FM101 small north
Entries 3447138
1
0
-1
63
487
672
362
824092
817228
800108
612996
391130
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

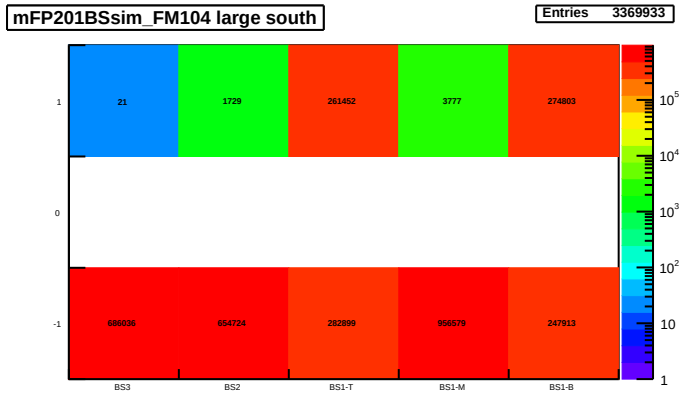

mFP201BS_FM102 small south
Entries 2.368439e+07
1
0
89418
172805
250132
203127
105444
4.64746e+06
4.56407e+06
4.48675e+06
4.53375e+06
4.63143e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

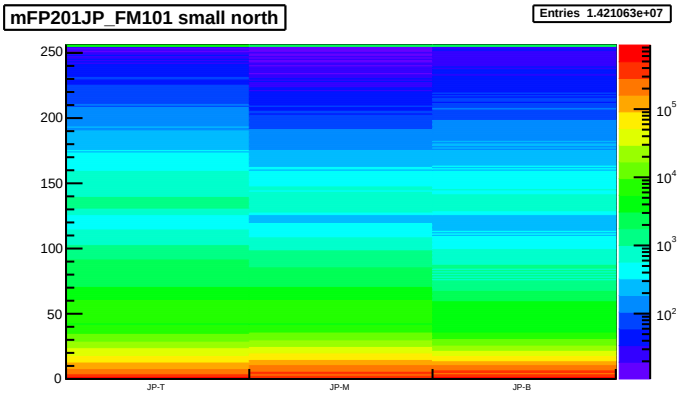

mFP201BSsim_FM102 small south
Entries 2659581
1
0
-1
1
131
1190
912
387
520818
572245
464571
532473
566853
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

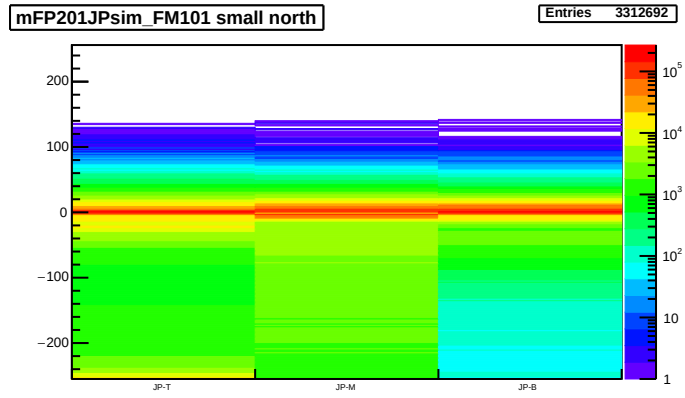

mFP201BS_FM103 large north
Entries 2.368439e+07
1
0
191820
438490
739434
902933
754989
4.54506e+06
4.29839e+06
3.99744e+06
3.83394e+06
3.98189e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

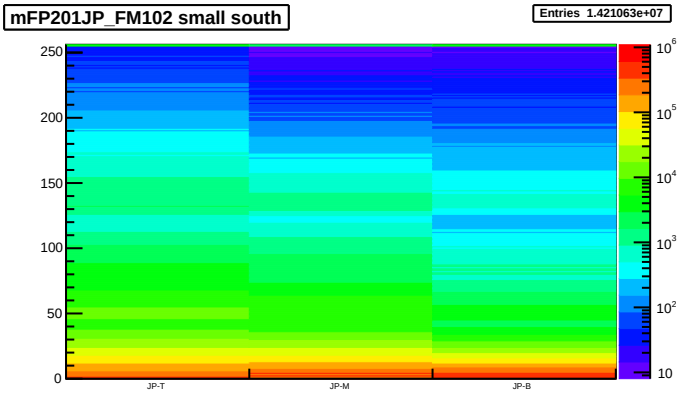

mFP201BSsim_FM103 large north
Entries 3263377
1
0
-1
28
1150
254187
1606
264774
651864
673525
139068
1.00558e+06
271592
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

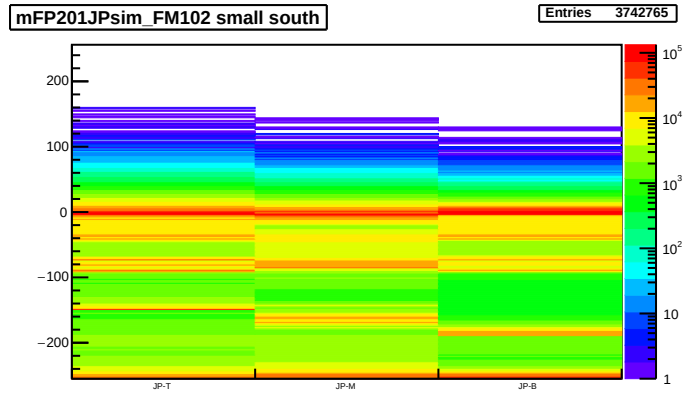

mFP201BS_FM104 large south
Entries 2.368439e+07
1
0
245243
525180
755164
1.10688e+06
772350
4.49164e+06
4.2117e+06
3.98171e+06
3.63e+06
3.96453e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

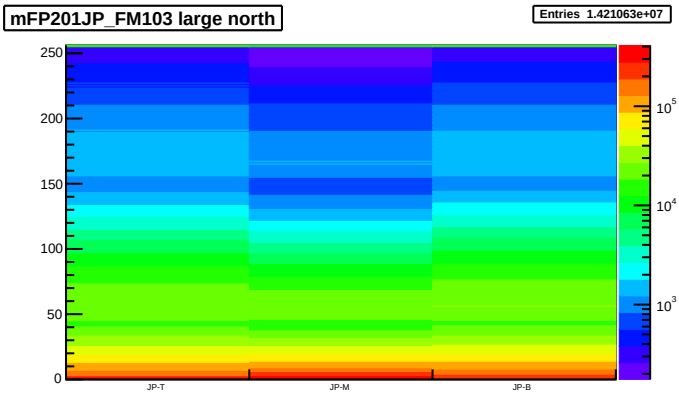

mFP201BSsim_FM104 large south
Entries 3369933
1
0
-1
21
1729
261452
3777
274803
686036
654724
282899
956579
247913
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

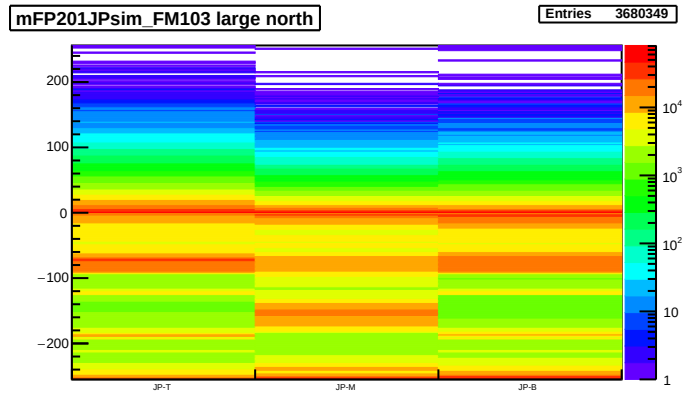

mFP201JP_FM101 small north
Entries 1.421063e+07
JP-T
JP-M
JP-B

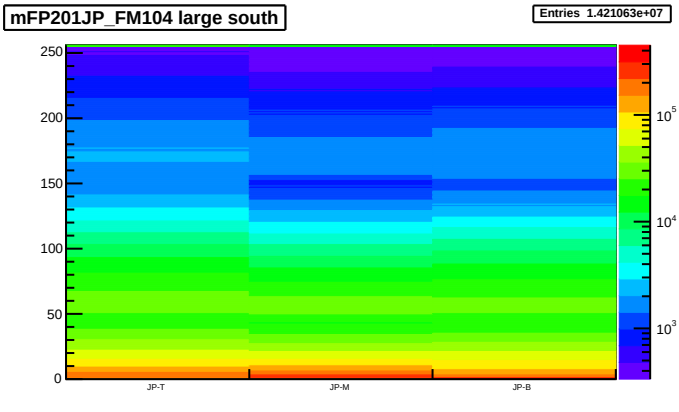

mFP201JPsim_FM101 small north
Entries 3312692
JP-T
JP-M
JP-B

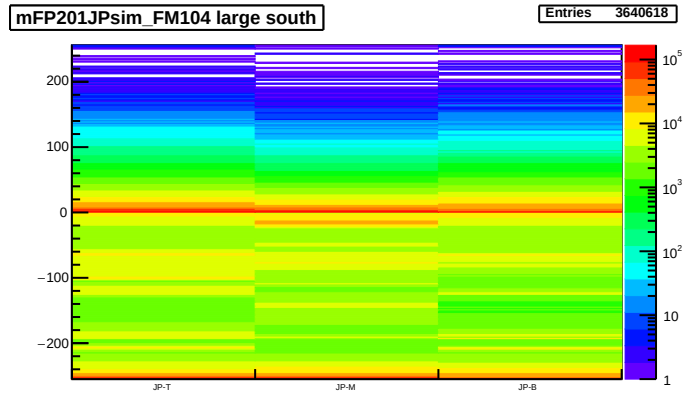

mFP201JP_FM102 small south
Entries 1.421063e+07
JP-T
JP-M
JP-B

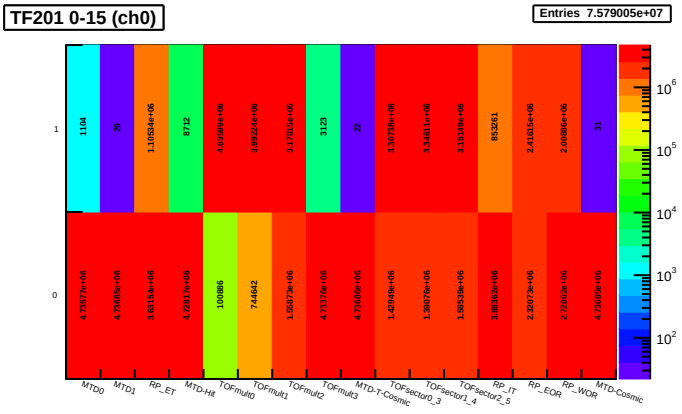

mFP201JPsim_FM102 small south
Entries 3742765
JP-T
JP-M
JP-B

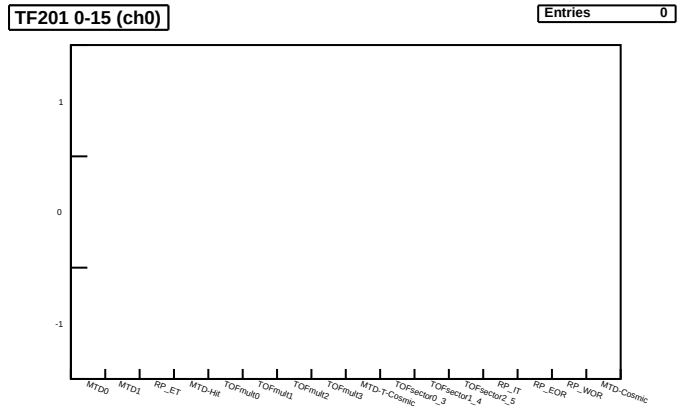

mFP201JP_FM103 large north
Entries 1.421063e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 3680349
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.421063e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 3640618
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.579005e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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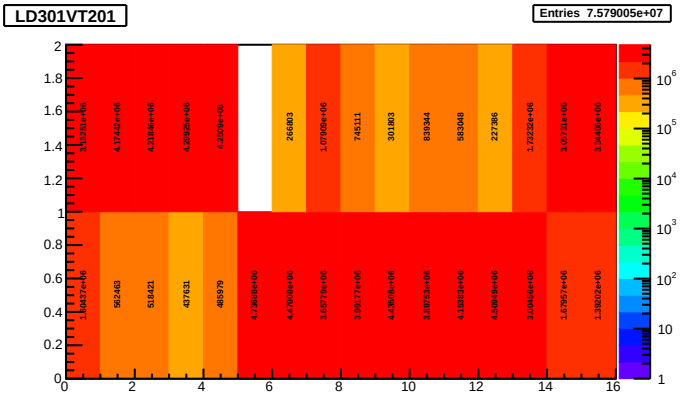
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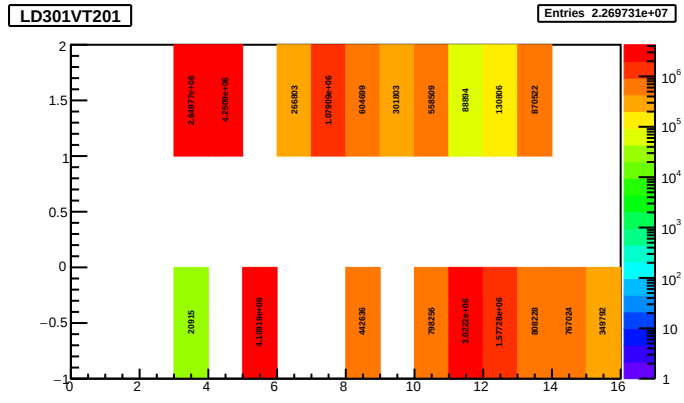
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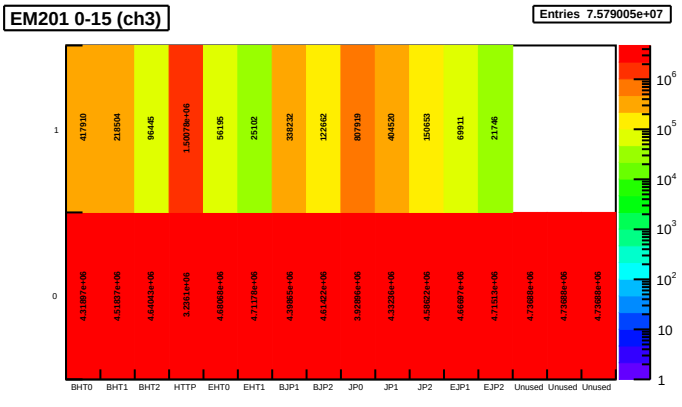
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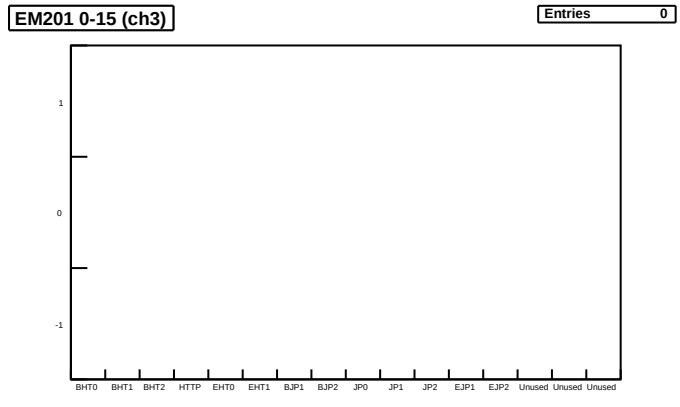
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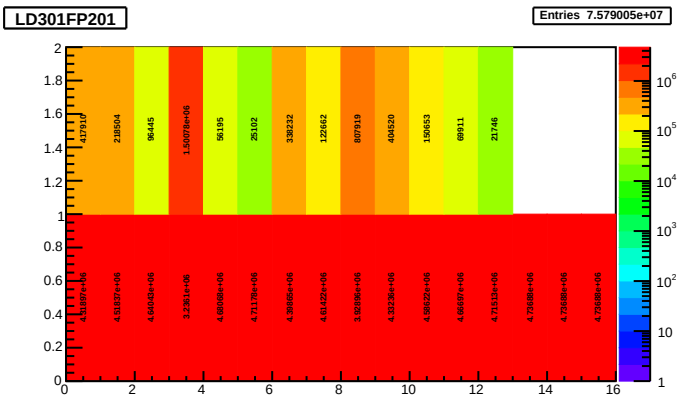
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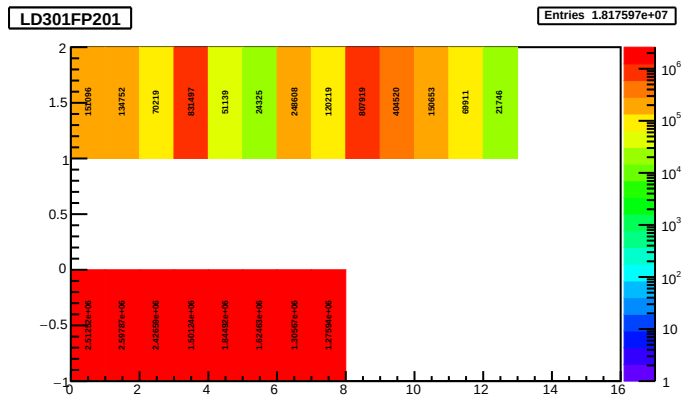
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