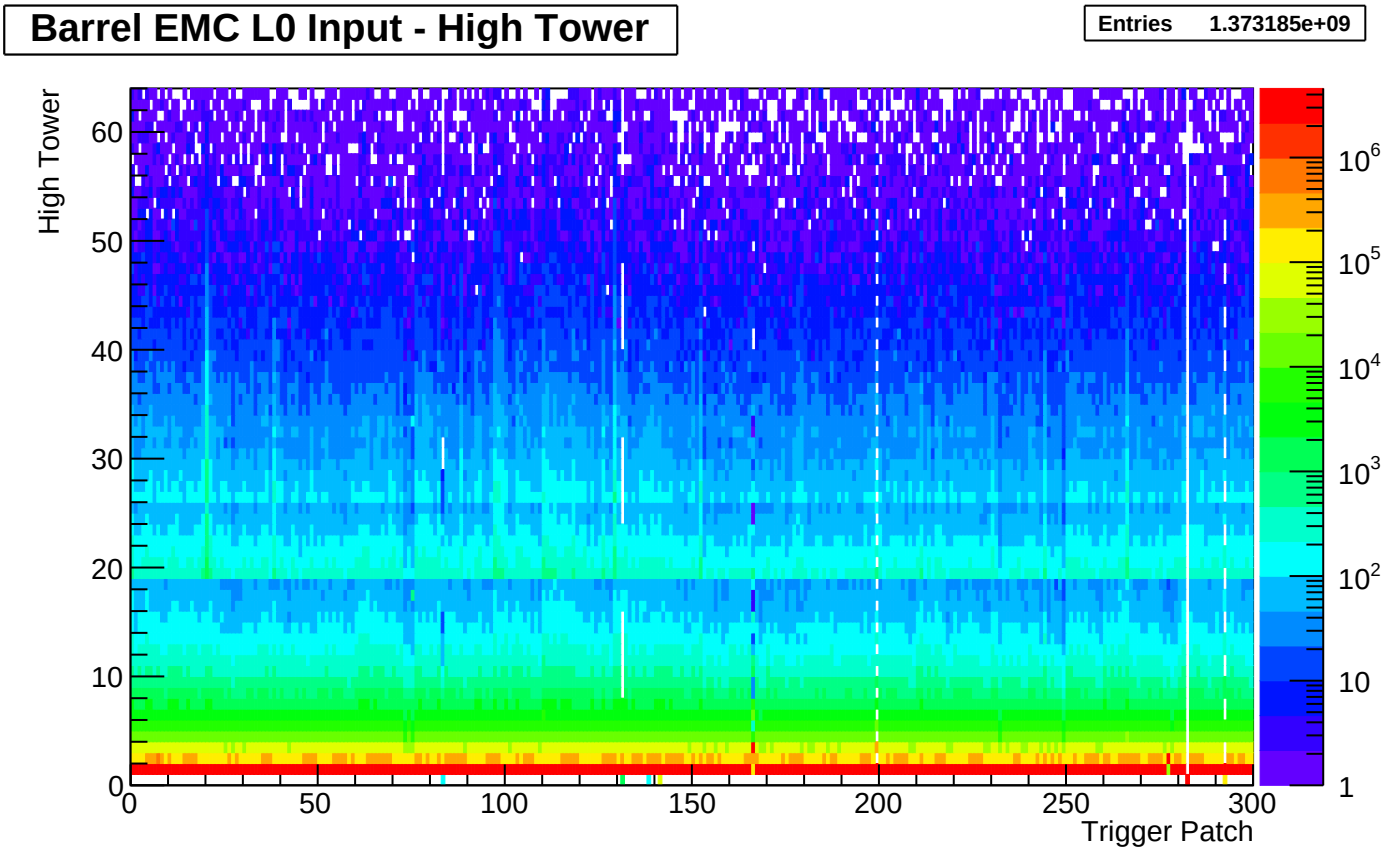
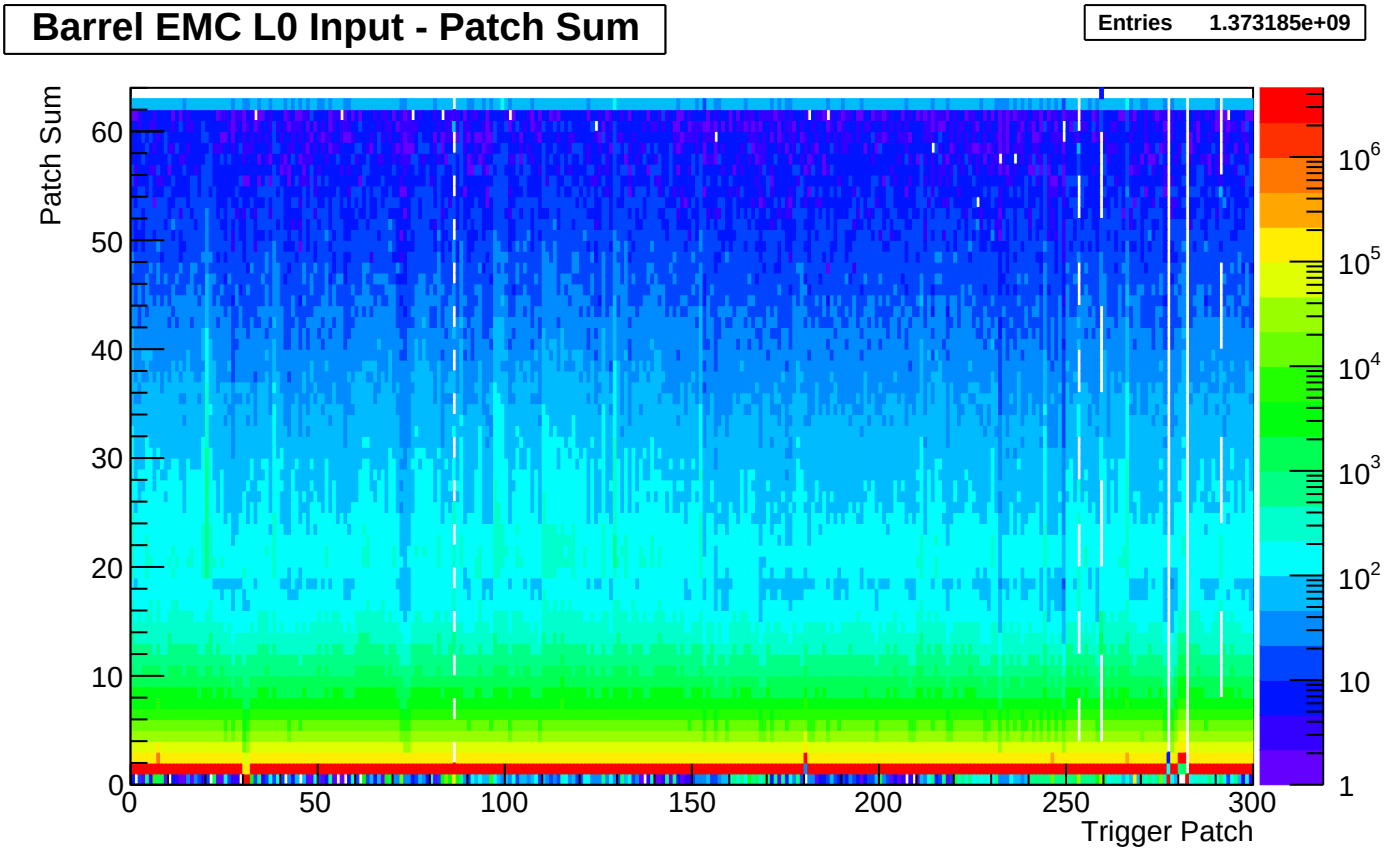
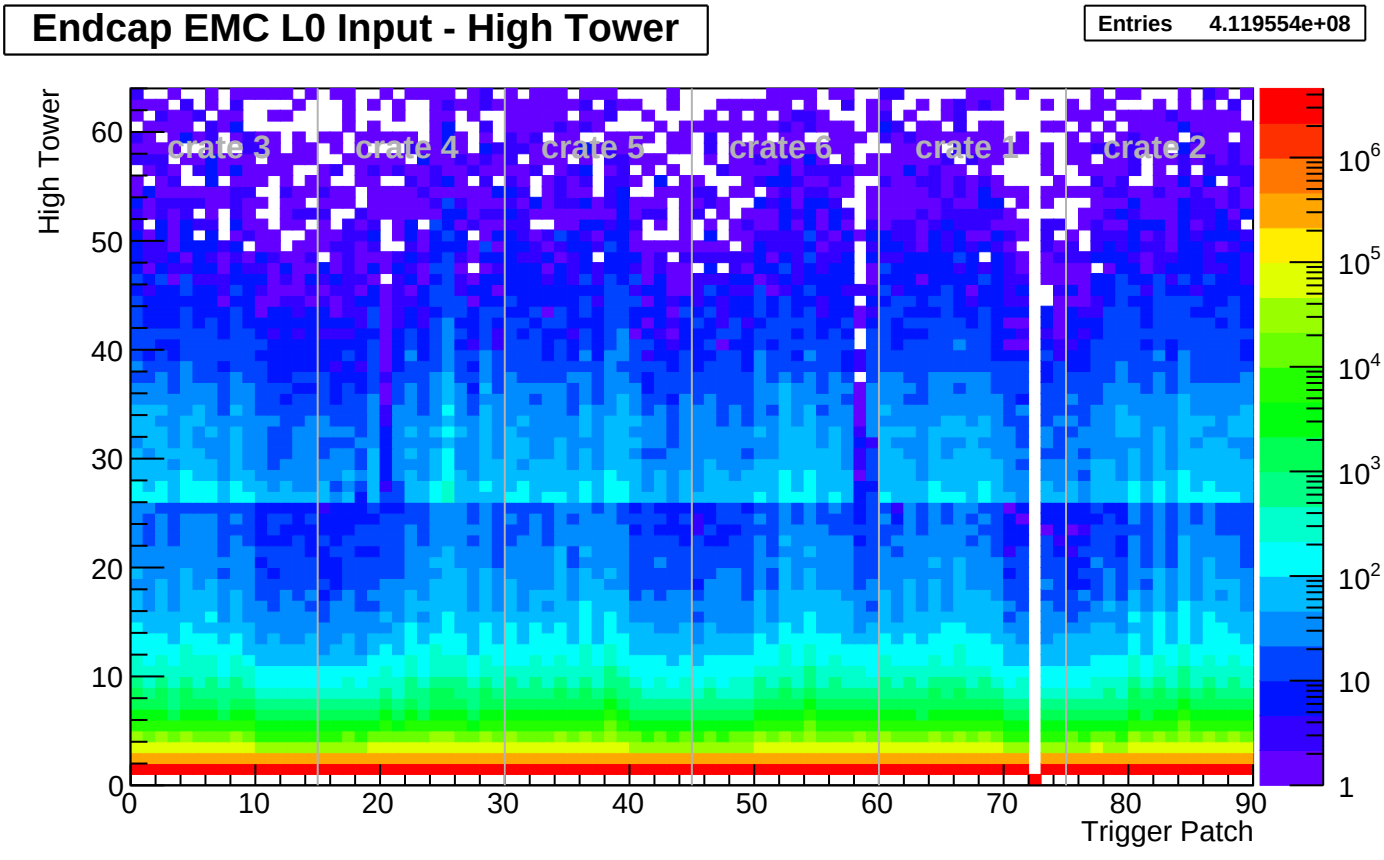
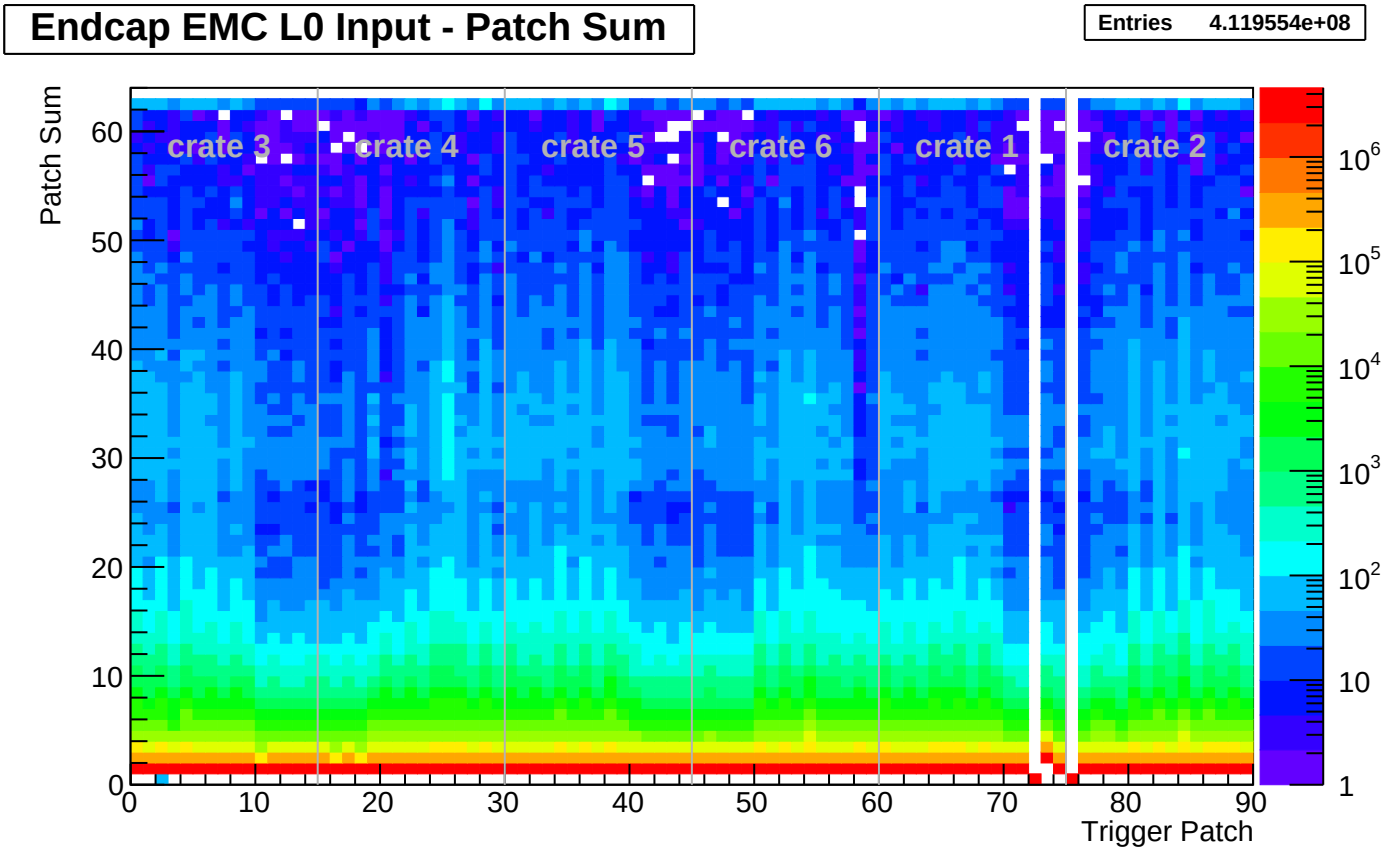
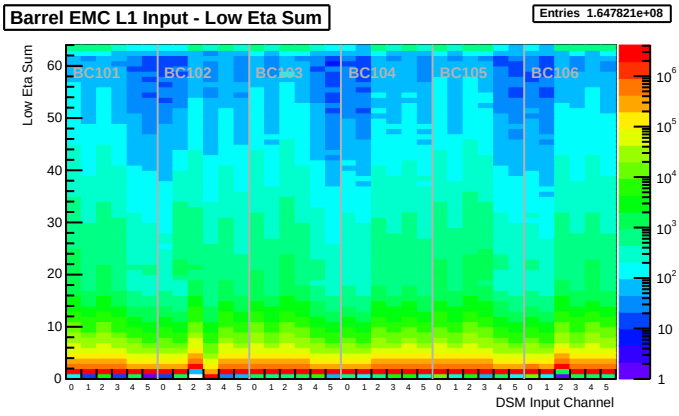
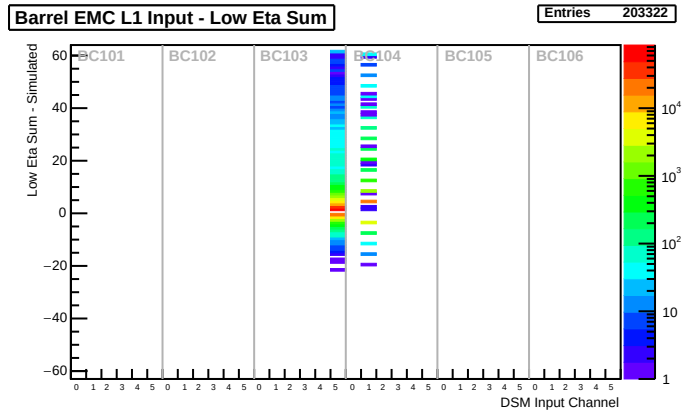

Barrel EMC L0 Input - High Tower
Entries 1.373185e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

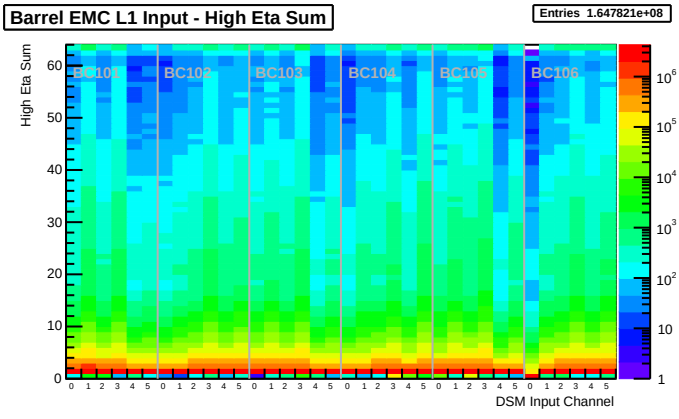

Barrel EMC L0 Input - Patch Sum
Entries 1.373185e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

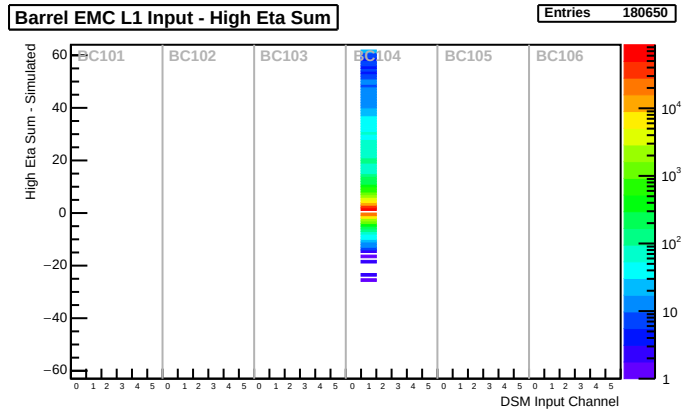

Endcap EMC L0 Input - High Tower
Entries 4.119554e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

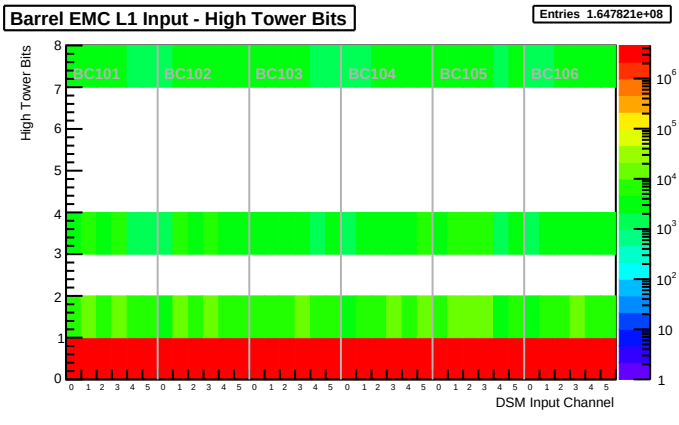

Endcap EMC L0 Input - Patch Sum
Entries 4.119554e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

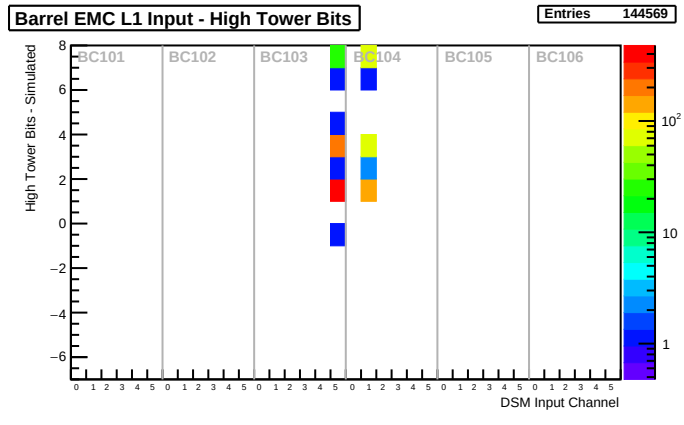

Barrel EMC L1 Input - Low Eta Sum
Entries 1.647821e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

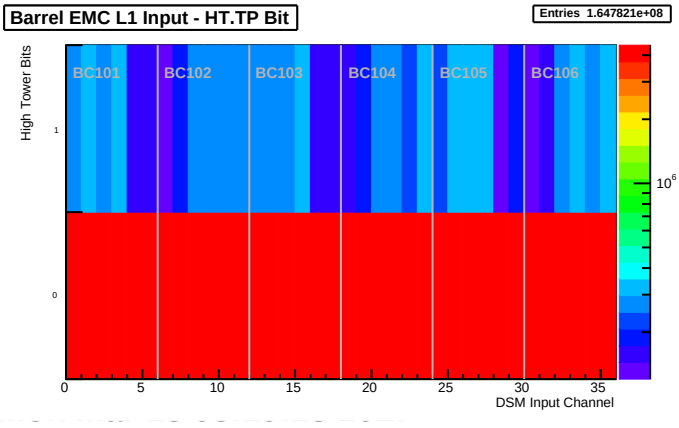

Barrel EMC L1 Input - Low Eta Sum
Entries 203322
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

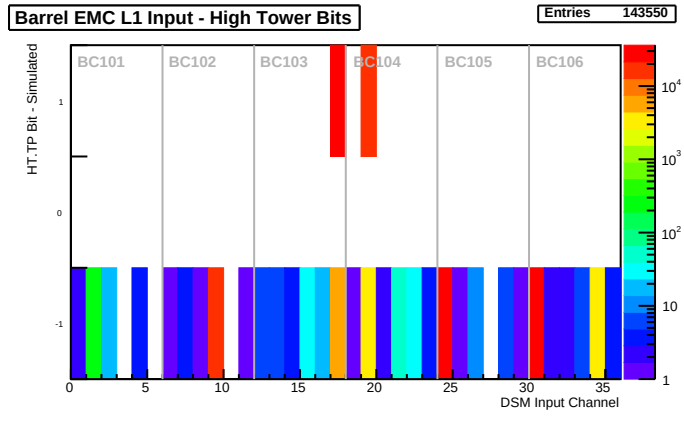

Barrel EMC L1 Input - High Eta Sum
Entries 1.647821e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

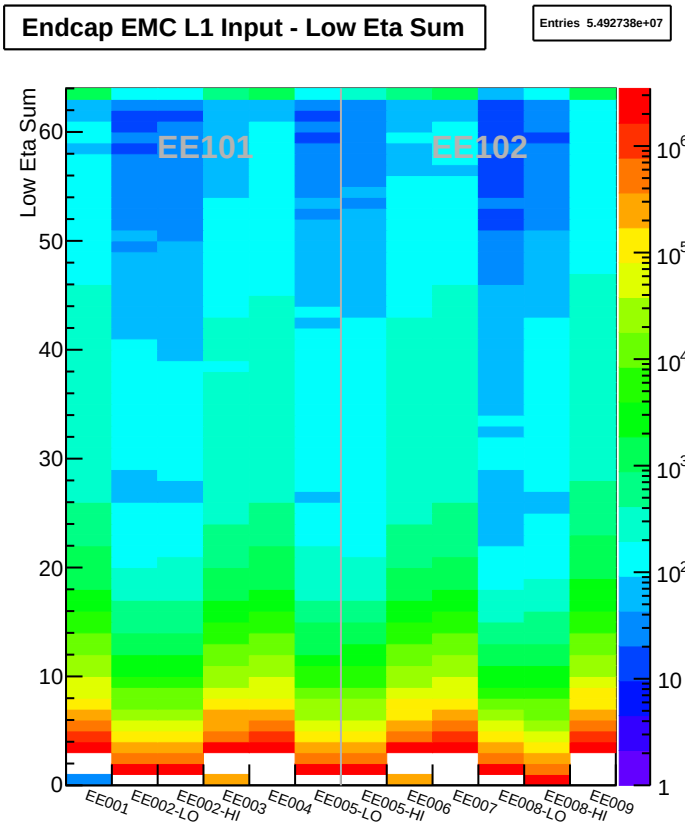

Barrel EMC L1 Input - High Eta Sum
Entries 180650
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

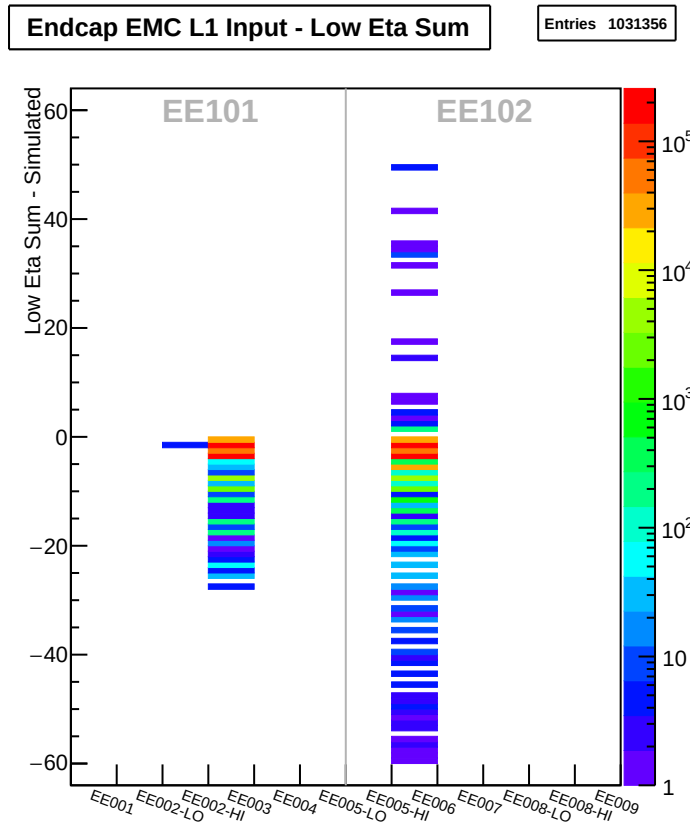

Barrel EMC L1 Input - High Tower Bits
Entries 1.647821e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

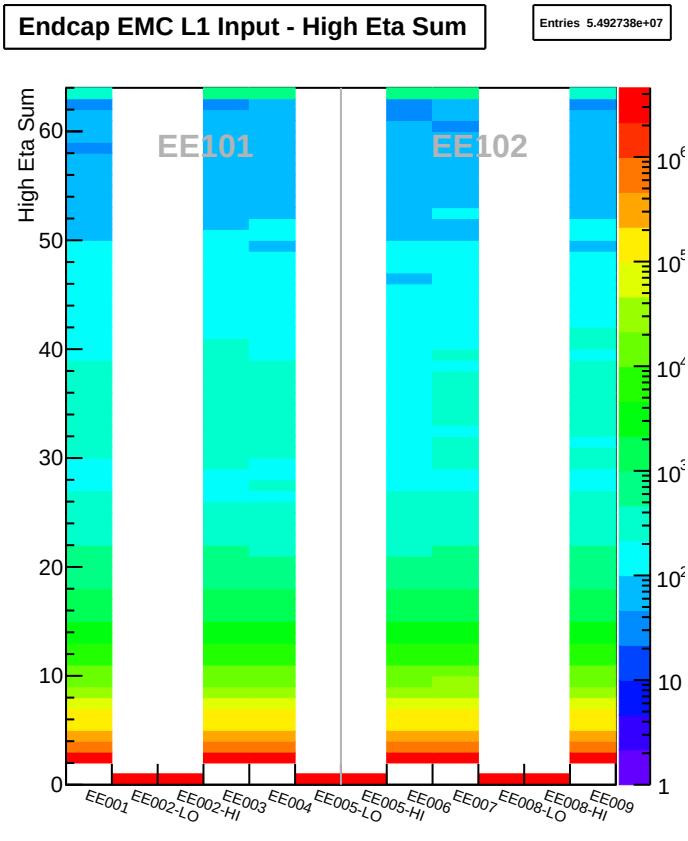

Barrel EMC L1 Input - High Tower Bits
Entries 144569
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

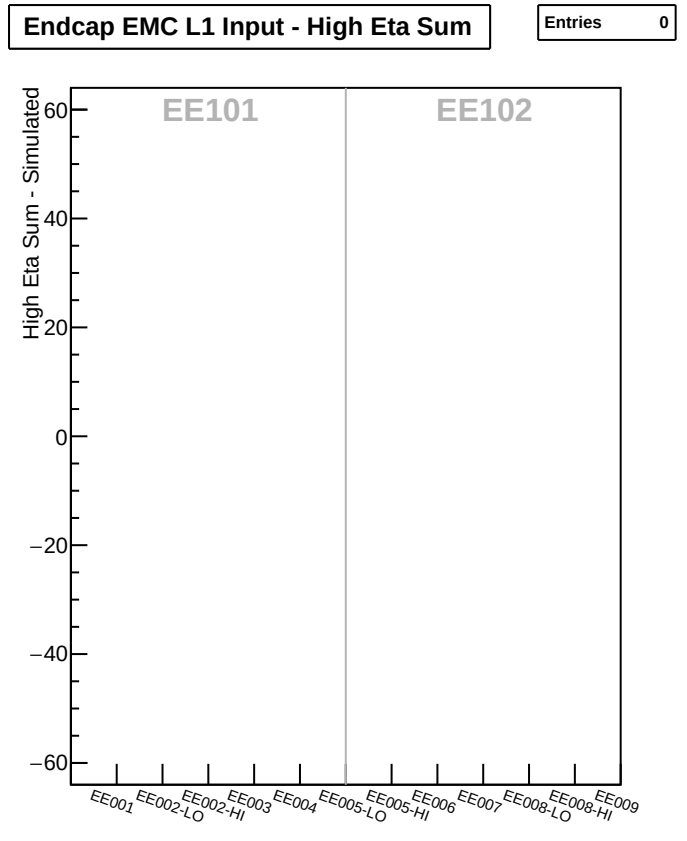

Barrel EMC L1 Input - HT.TP Bit
Entries 1.647821e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

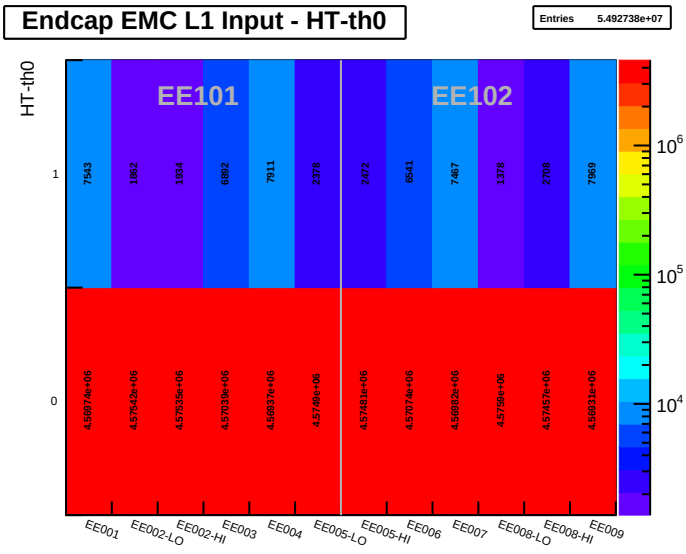

Barrel EMC L1 Input - High Tower Bits
Entries 143550
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

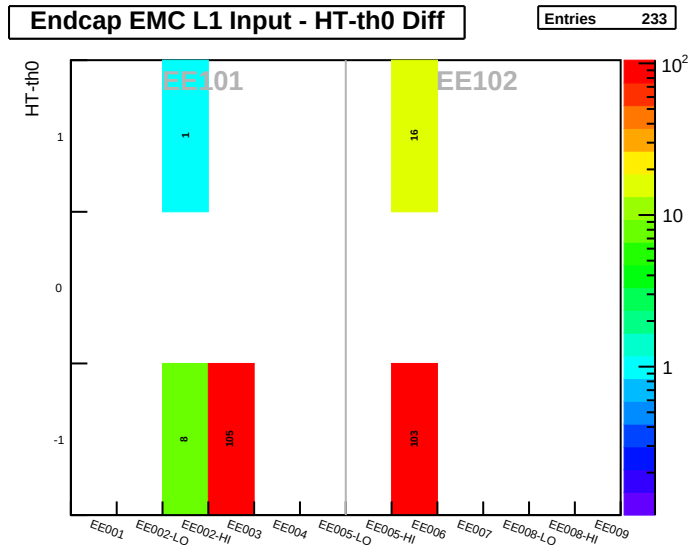

Endcap EMC L1 Input - Low Eta Sum
Entries 5.492738e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

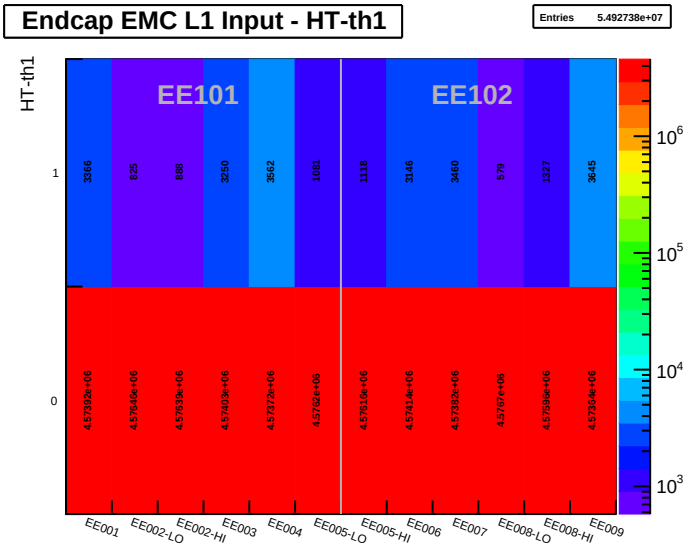

Endcap EMC L1 Input - Low Eta Sum
Entries 1031356
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

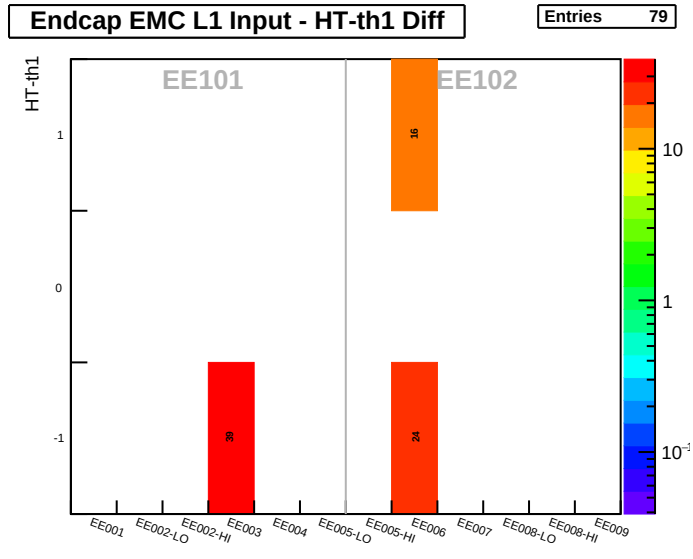

Endcap EMC L1 Input - High Eta Sum
Entries 5.492738e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

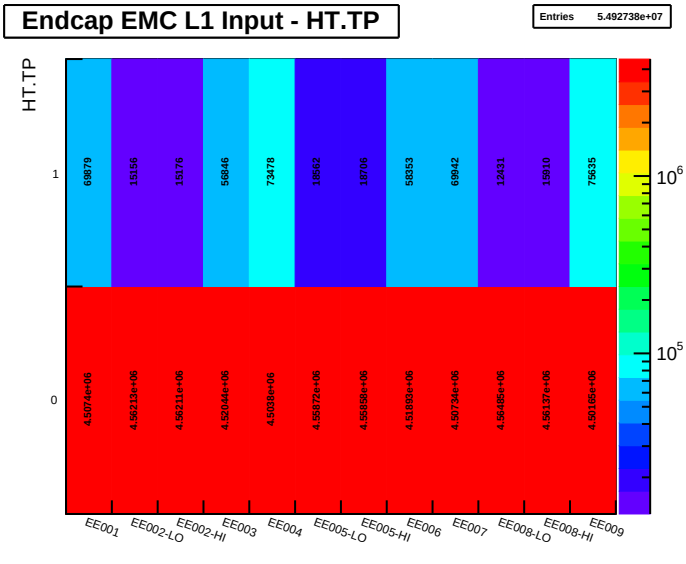

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

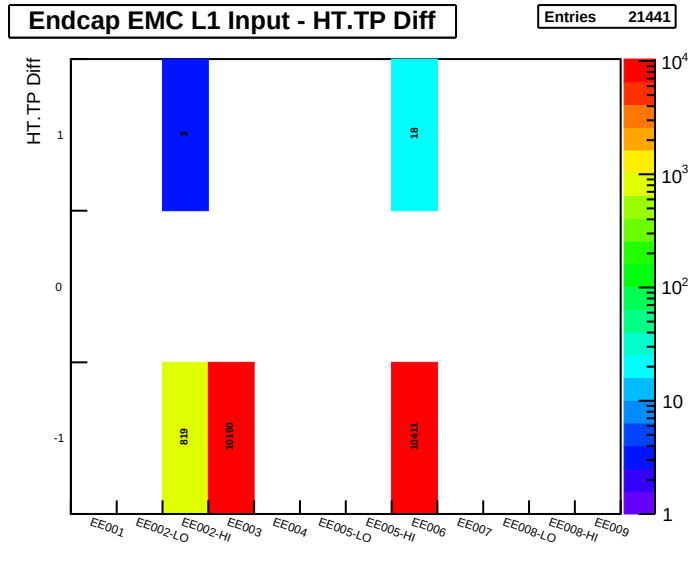

Endcap EMC L1 Input - HT-th0
Entries 5.492738e+07
HT-th0
EE101
EE102
7543
1862
1934
6892
7911
2378
2472
6541
7467
1378
2708
7969
4.59874e+06
4.57542e+06
4.57535e+06
4.57039e+06
4.56937e+06
4.57499e+06
4.57481e+06
4.57074e+06
4.56982e+06
4.57590e+06
4.57457e+06
4.56931e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

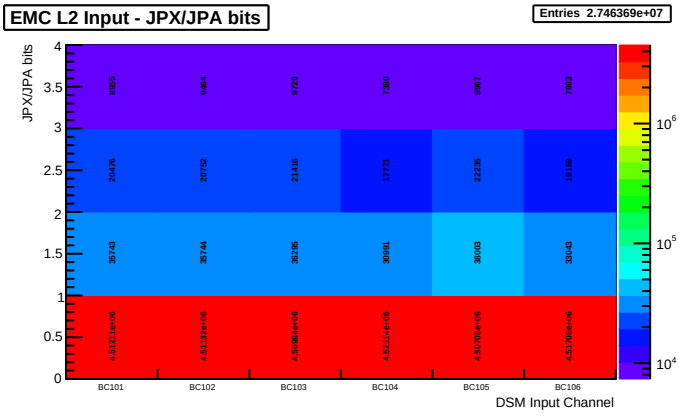

Endcap EMC L1 Input - HT-th0 Diff
Entries 233
HT-th0
EE101
EE102
1
16
8
105
103
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

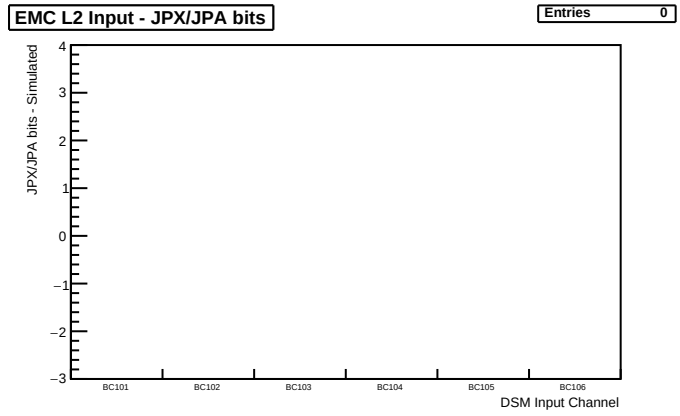

Endcap EMC L1 Input - HT-th1
Entries 5.492738e+07
HT-th1
EE101
EE102
3366
825
888
3250
3562
1081
1118
3146
3460
579
1327
3645
4.57392e+06
4.57646e+06
4.57630e+06
4.57403e+06
4.57372e+06
4.57582e+06
4.57616e+06
4.57414e+06
4.57392e+06
4.57567e+06
4.57596e+06
4.57364e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

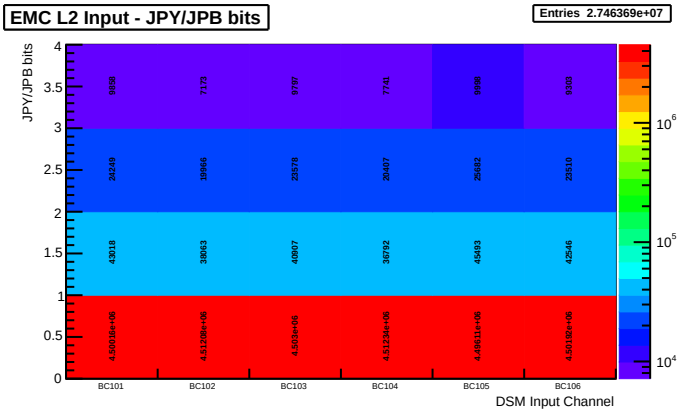

Endcap EMC L1 Input - HT-th1 Diff
Entries 79
HT-th1
EE101
EE102
16
39
24
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

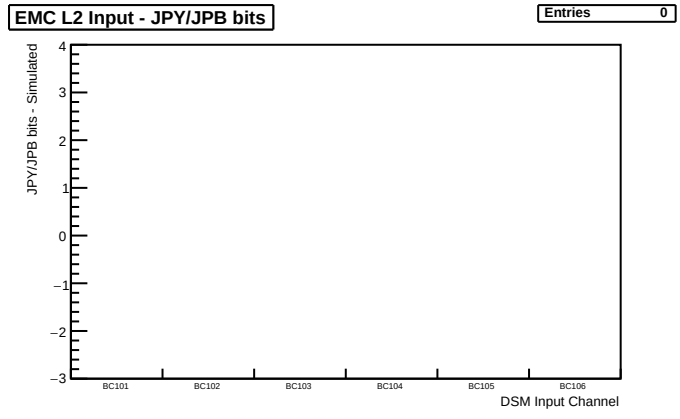

Endcap EMC L1 Input - HT.TP
Entries 5.492738e+07
HT.TP
69879
15156
15176
56846
73478
18562
18706
58353
69942
12431
15910
75635
4.50744e+06
4.50213e+06
4.50211e+06
4.52044e+06
4.5038e+06
4.55872e+06
4.55858e+06
4.51858e+06
4.50734e+06
4.56485e+06
4.50137e+06
4.50165e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

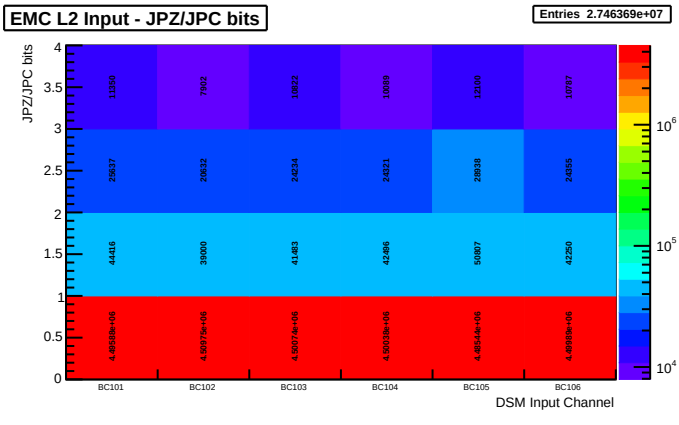

Endcap EMC L1 Input - HT.TP Diff
Entries 21441
HT.TP Diff
3
18
819
10190
10411
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

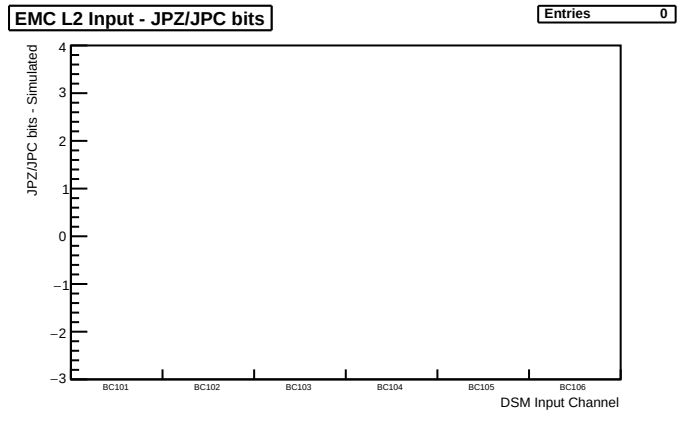

EMC L2 Input - JPX/JPA bits
Entries 2.746369e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8955
9454
9729
7380
9997
7993
20476
20752
21416
17771
22235
19169
35743
35744
36295
30991
38003
33043
4.51211e+06
4.51132e+06
4.50984e+06
4.52114e+06
4.50708e+06
4.51708e+06

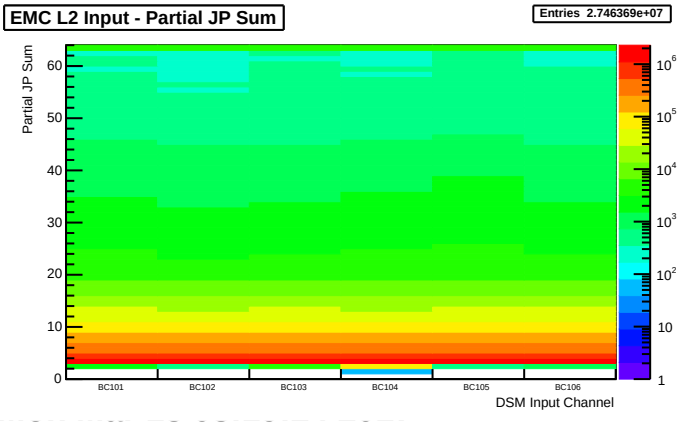

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

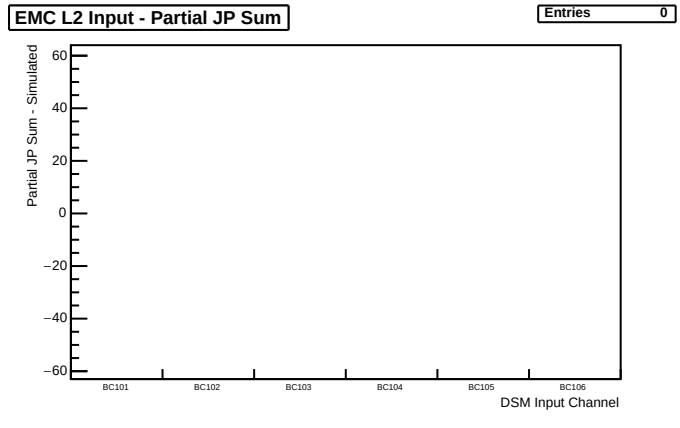

EMC L2 Input - JPY/JPB bits
Entries 2.746369e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9838
7173
9797
7741
9998
9303
24249
19966
23578
20407
25682
23510
43018
38063
40907
36792
45493
42546
4.50016e+06
4.51209e+06
4.503e+06
4.51234e+06
4.49511e+06
4.50192e+06

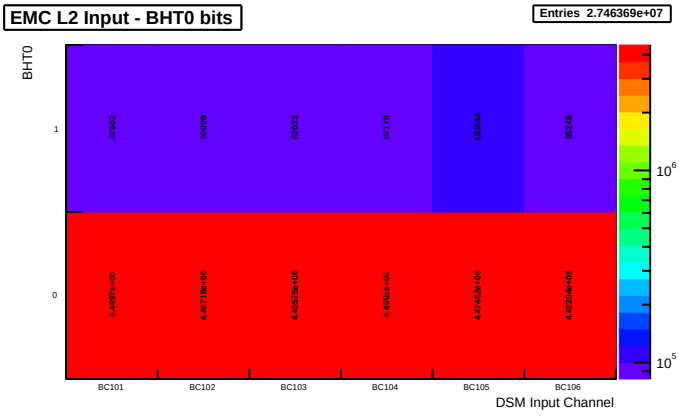

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

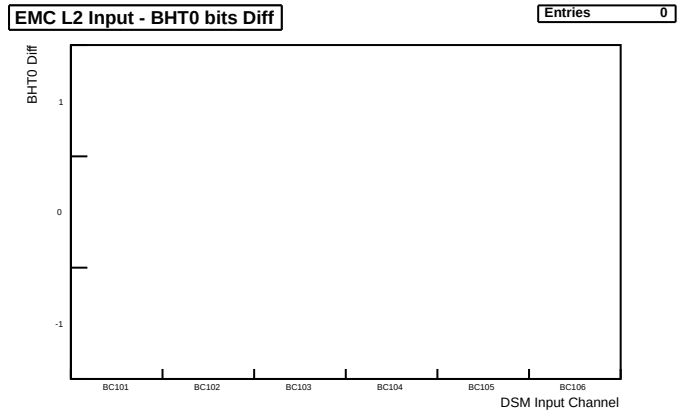

EMC L2 Input - JPZ/JPC bits
Entries 2.746369e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11350
7902
10822
10089
12100
10787
25637
20832
24234
24321
28938
24555
44416
39000
41483
42486
50907
42250
4.49538e+06
4.50175e+06
4.50074e+06
4.50039e+06
4.48544e+06
4.49939e+06

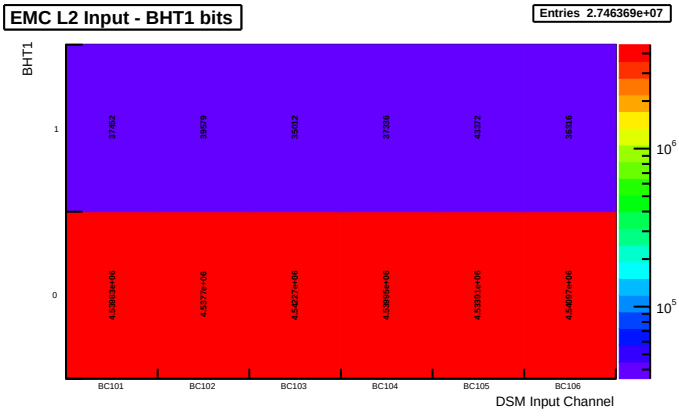

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

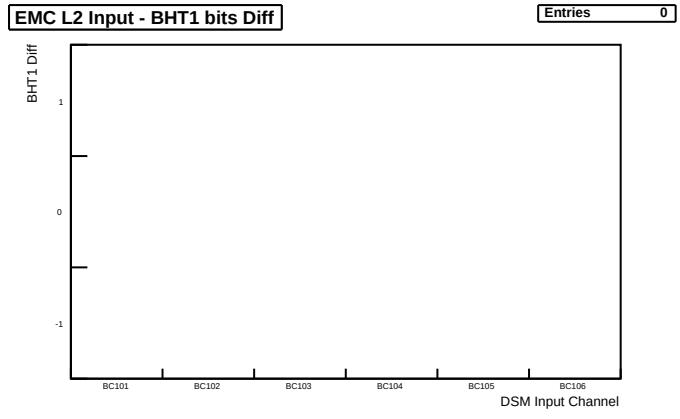

EMC L2 Input - Partial JP Sum
Entries 2.746369e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

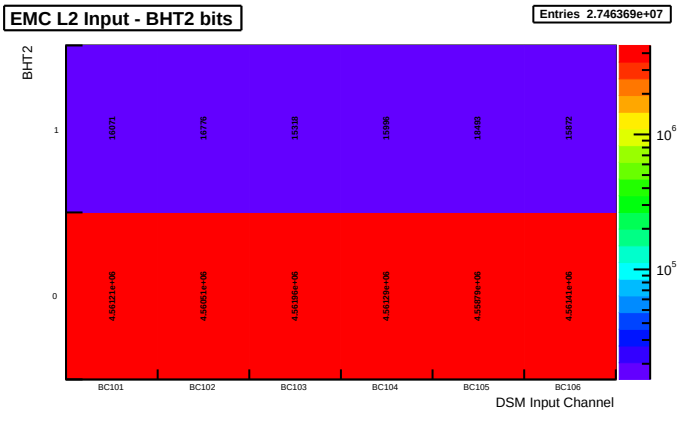

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

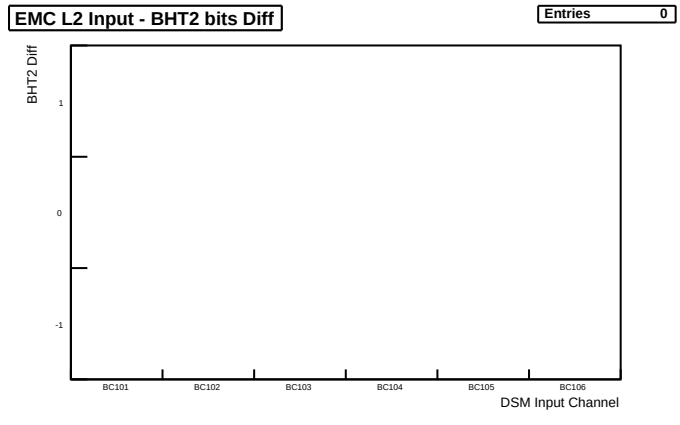

EMC L2 Input - BHT0 bits
Entries 2.746369e+07
BHT0
1
0
97532
90198
92633
97178
102864
85246
4.4497e+06
4.4971e+06
4.4952e+06
4.4901e+06
4.4745e+06
4.4924e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

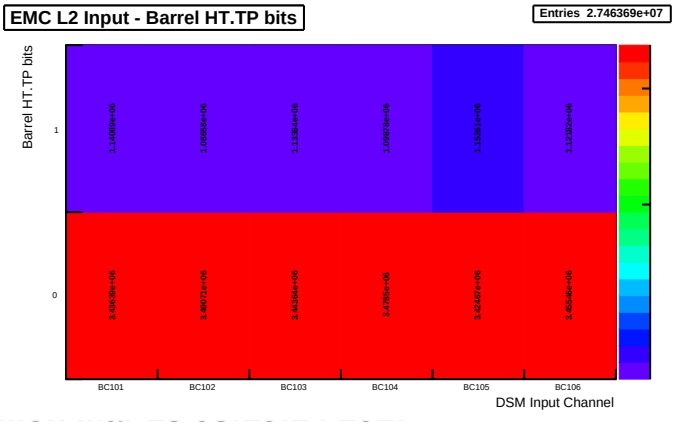

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

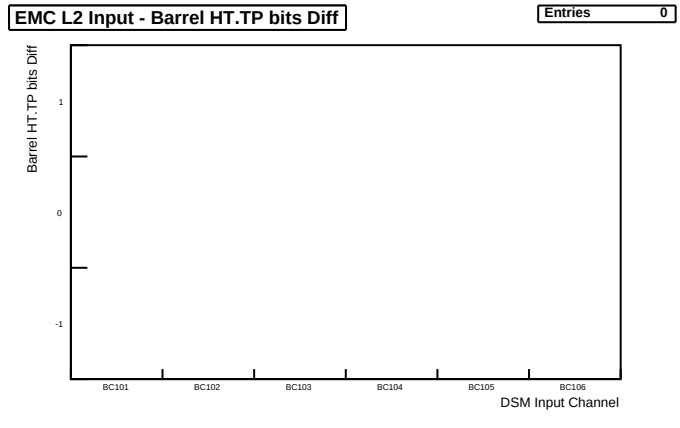

EMC L2 Input - BHT1 bits
Entries 2.746369e+07
BHT1
1
0
37452
39579
35012
37336
43372
35316
4.53983e+06
4.53776e+06
4.54227e+06
4.53995e+06
4.53931e+06
4.54097e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

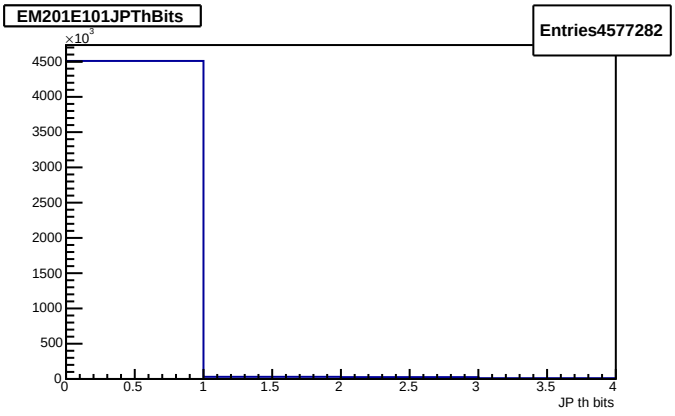

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

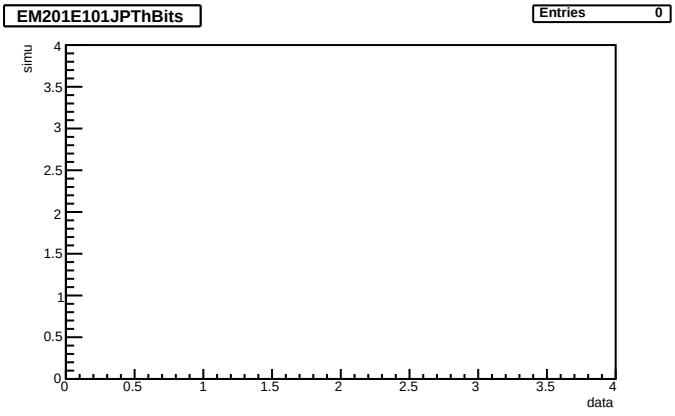

EMC L2 Input - BHT2 bits
Entries 2.746369e+07
BHT2
1
0
16071
16776
15318
15996
19483
15372
4.56121e+06
4.56051e+06
4.56196e+06
4.56129e+06
4.55979e+06
4.56141e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

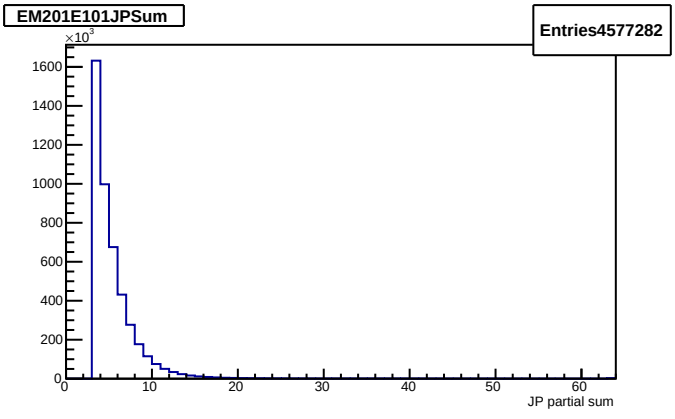

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

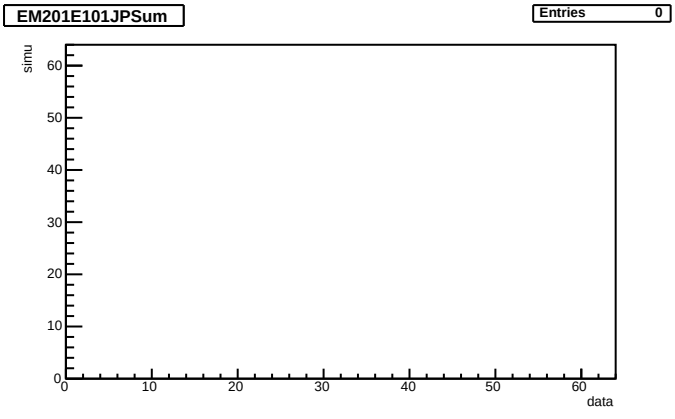

EMC L2 Input - Barrel HT.TP bits
Entries 2.746369e+07
Barrel HT.TP bits
1
0
1.14089e+06
1.09558e+06
1.13564e+06
1.09976e+06
1.15291e+06
1.12182e+06
3.43139e+06
3.49071e+06
3.44364e+06
3.4785e+06
3.42467e+06
3.45546e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

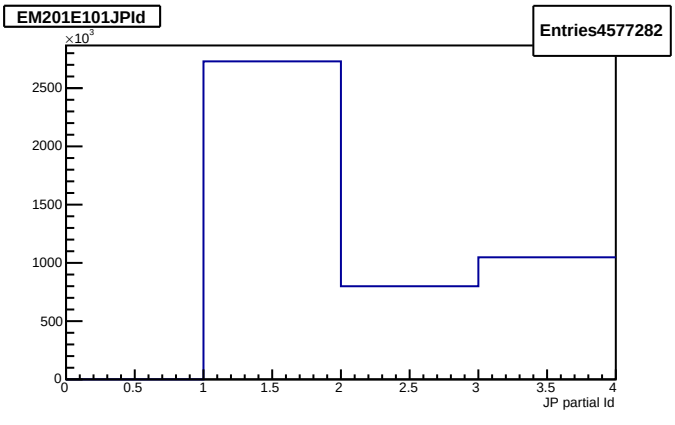

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

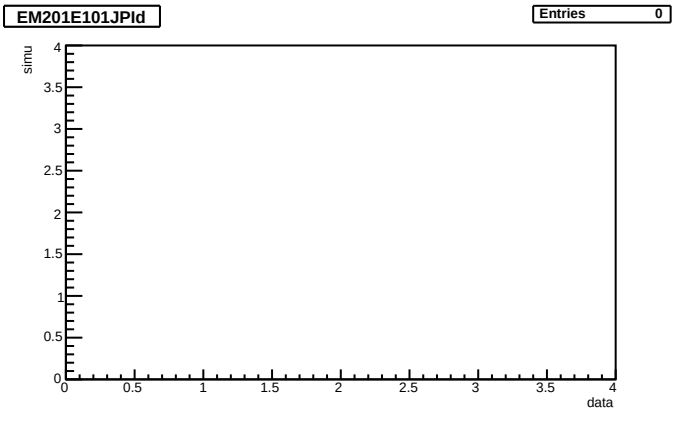

EM201E101JPThBits
Entries4577282
JP th bits

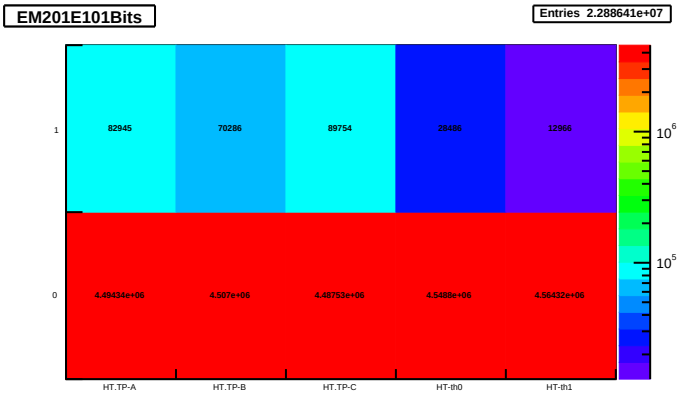

EM201E101JPThBits
Entries 0
simu
data

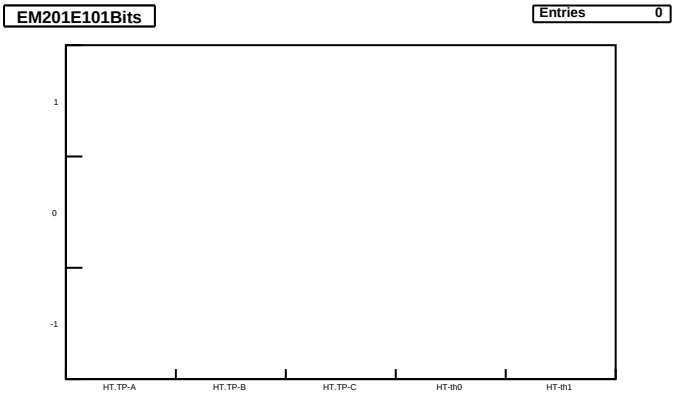

EM201E101JPSum
Entries4577282
JP partial sum

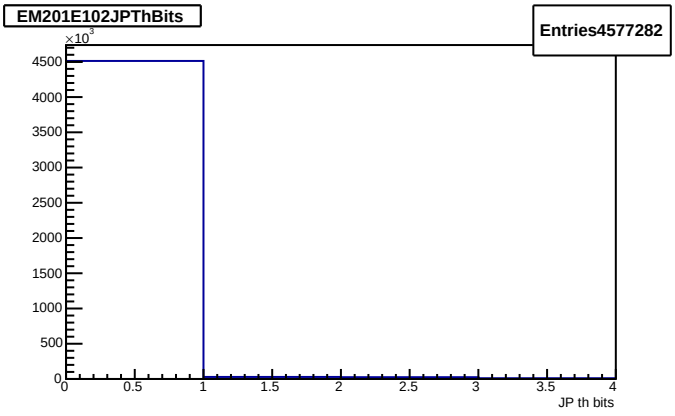

EM201E101JPSum
Entries 0
simu
data

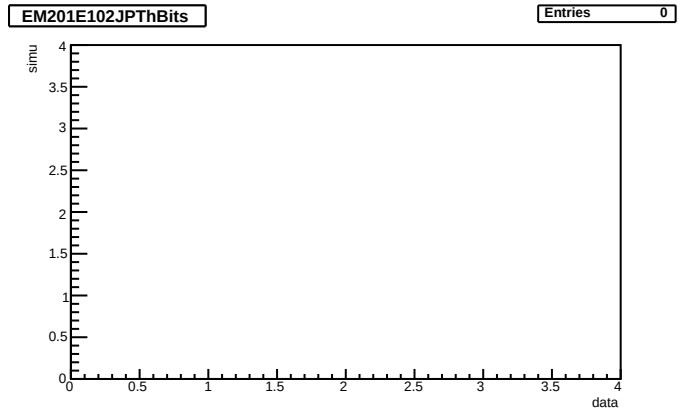

EM201E101JPId
Entries4577282
JP partial Id

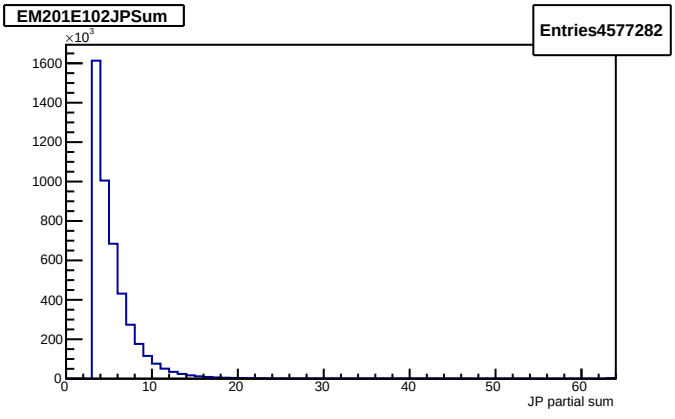

EM201E101JPId
Entries 0
simu
data

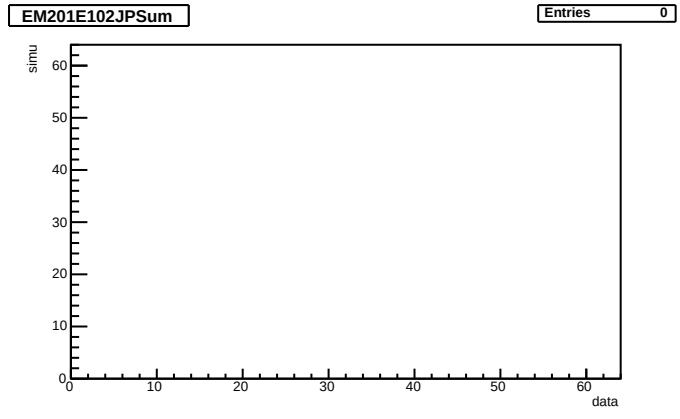

EM201E101Bits
Entries 2.288641e+07
82945
70286
89754
28486
12966
4.49434e+06
4.507e+06
4.48753e+06
4.5489e+06
4.56432e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

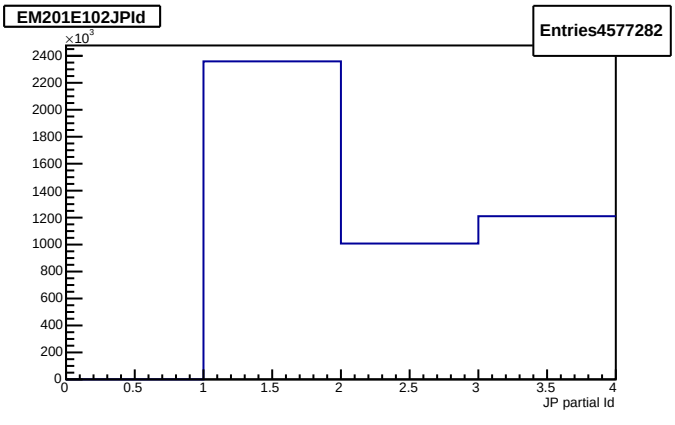

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

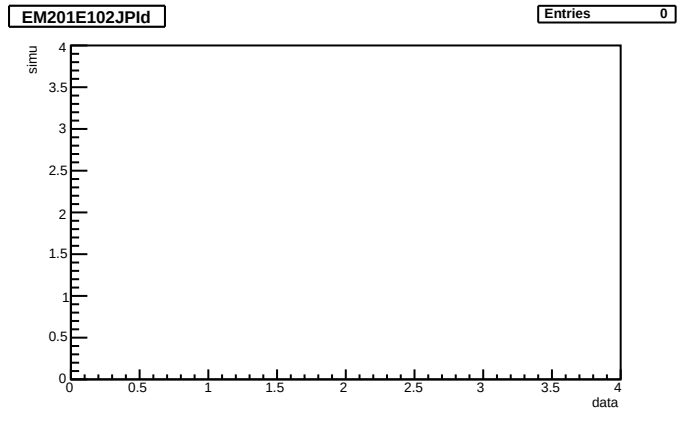

EM201E102JPThBits
Entries4577282
×10^3
JP th bits

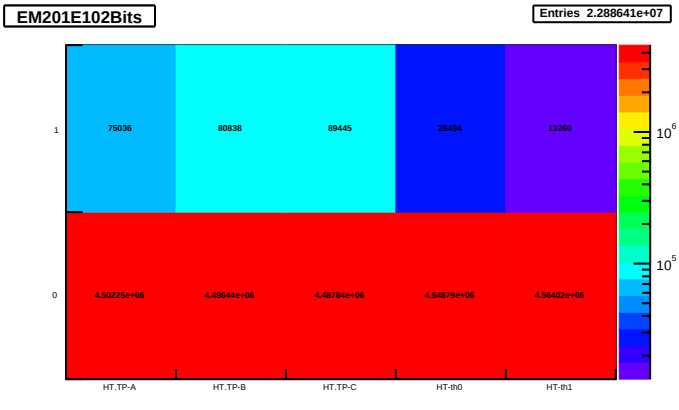

EM201E102JPThBits
Entries 0
simu
data

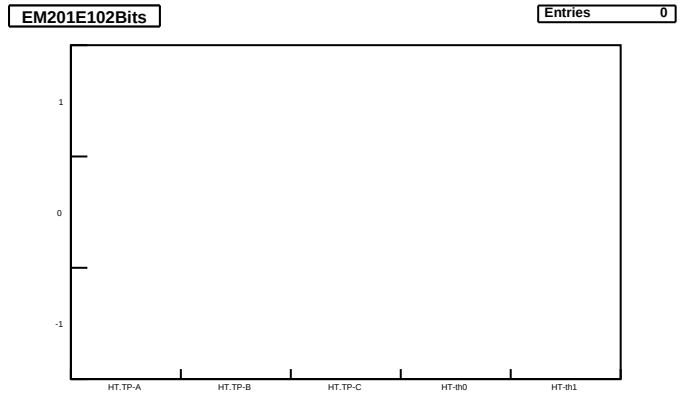

EM201E102JPSum
Entries4577282
×10^3
JP partial sum

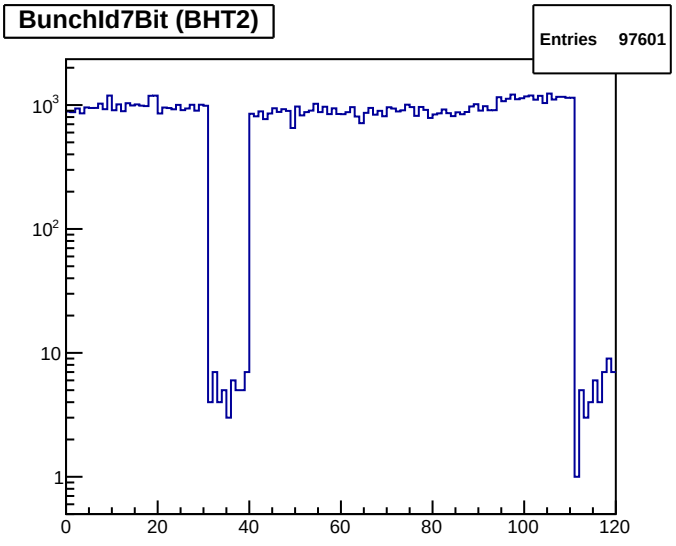

EM201E102JPSum
Entries 0
simu
data

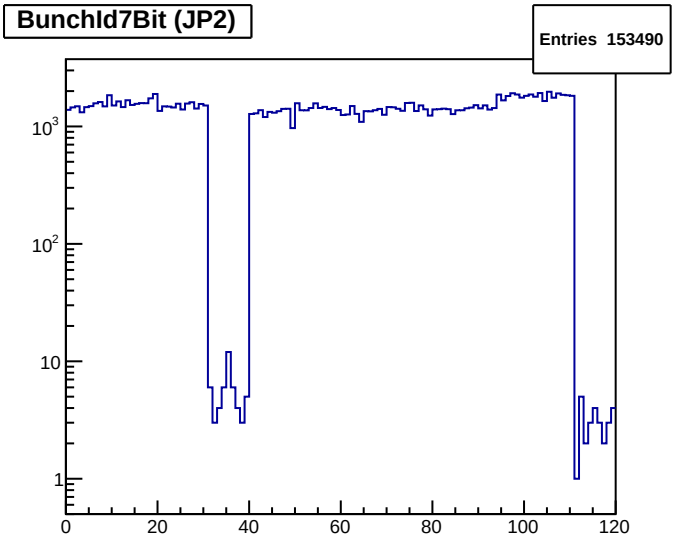

EM201E102JPId
Entries4577282
×10^3
JP partial Id

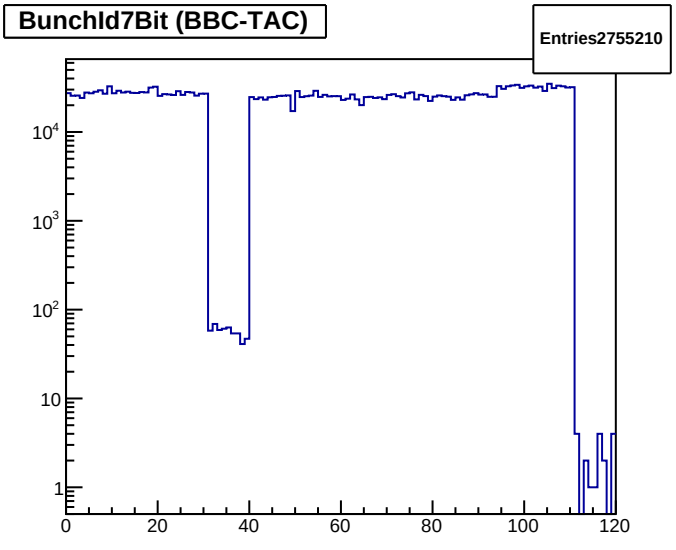

EM201E102JPId
Entries 0
simu
data

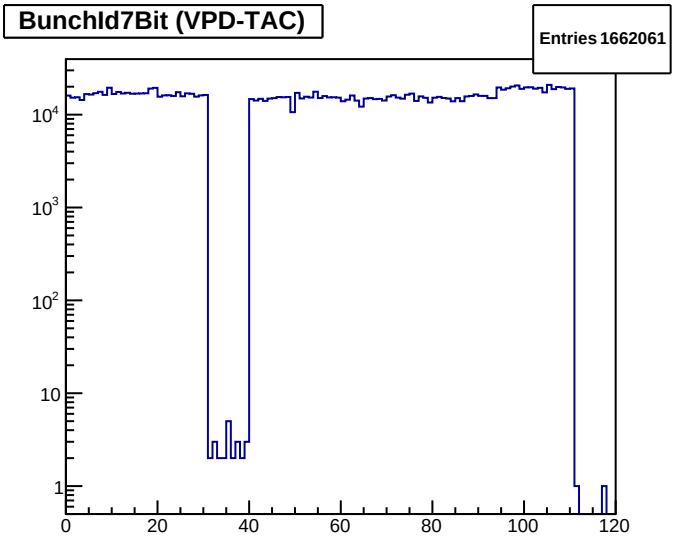

EM201E102Bits
Entries 2.288641e+07
75036
80838
89445
28494
13260
4.50225e+06
4.49644e+06
4.48784e+06
4.54879e+06
4.56402e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

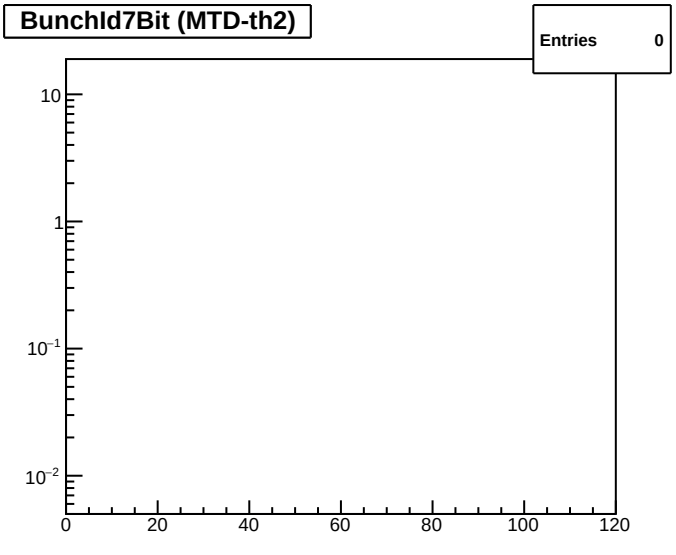

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

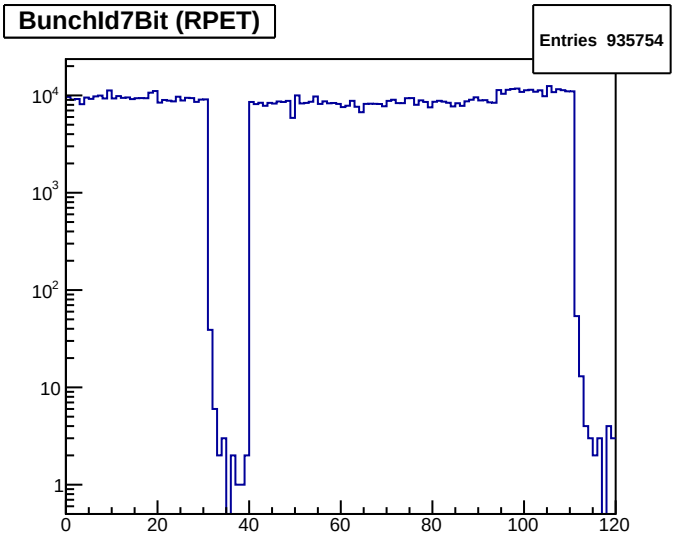

BunchId7Bit (BHT2)
Entries 97601

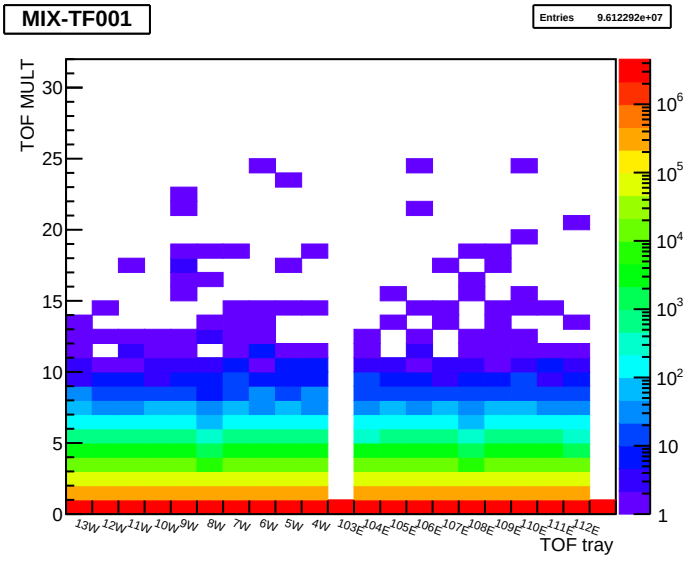

BunchId7Bit (JP2)
Entries 153490

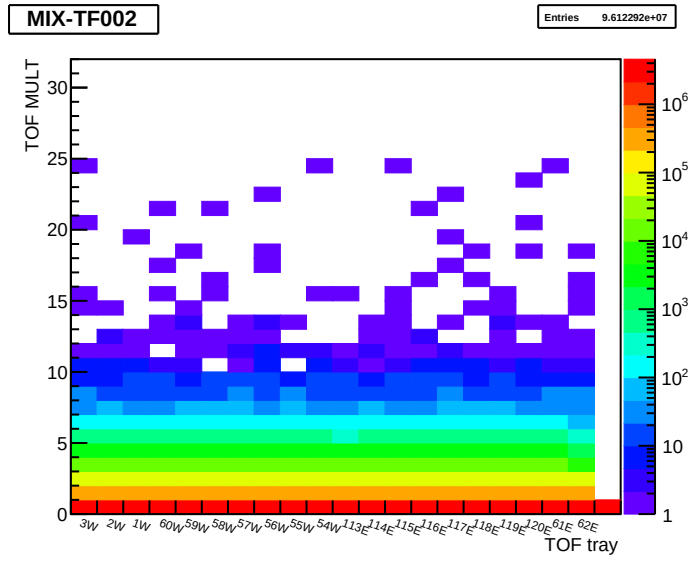

BunchId7Bit (BBC-TAC)
Entries2755210

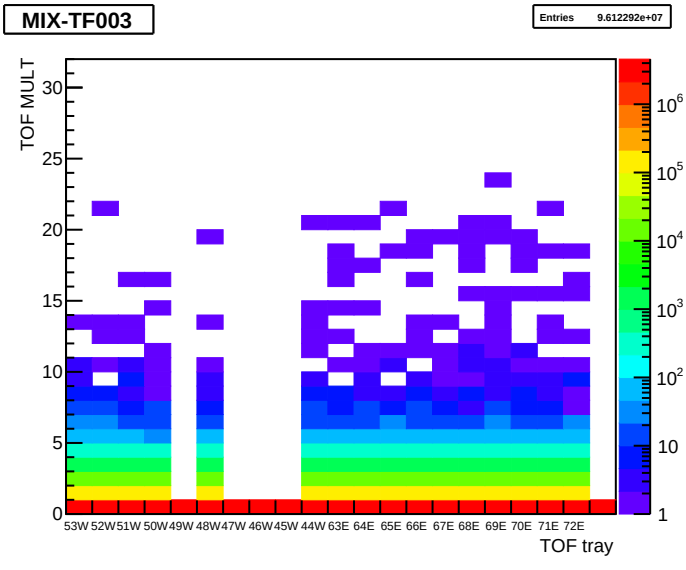

BunchId7Bit (VPD-TAC)
Entries 1662061

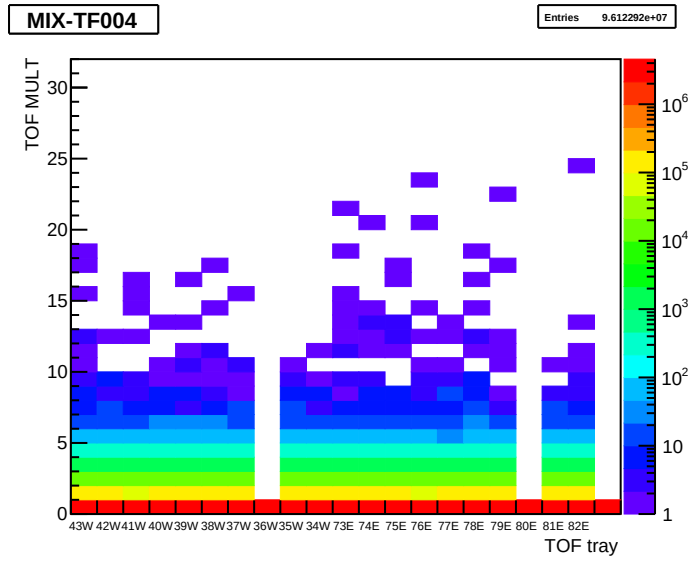

BunchId7Bit (MTD-th2)
Entries 0

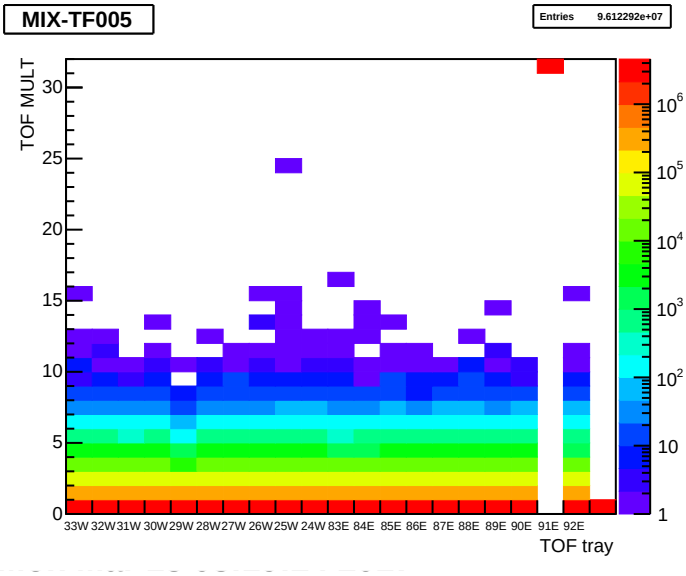

BunchId7Bit (RPET)
Entries 935754

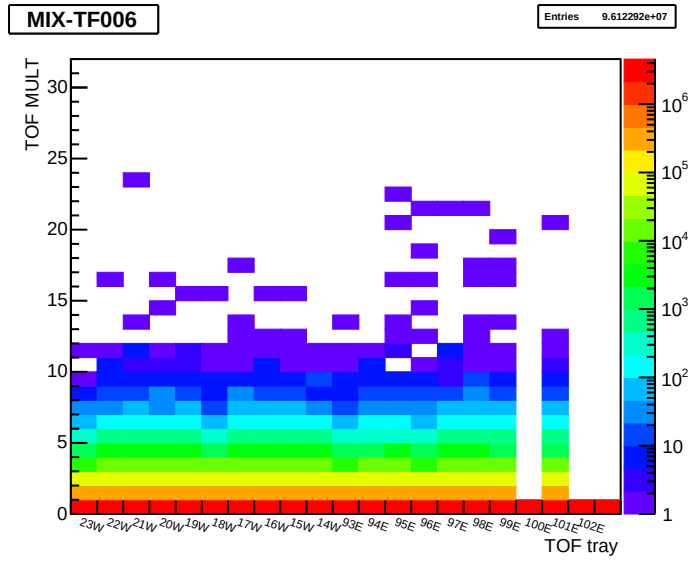

MIX-TF001
Entries 9.612292e+07
TOF MULT
TOF tray

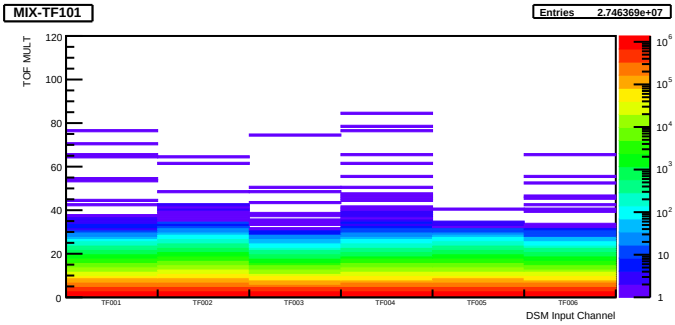

MIX-TF002
Entries 9.612292e+07
TOF MULT
TOF tray

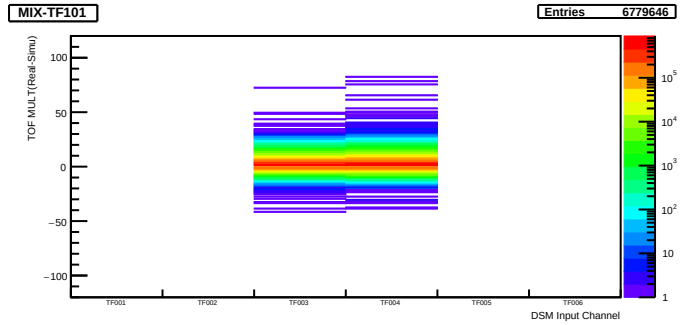

MIX-TF003
Entries 9.612292e+07
TOF MULT
TOF tray

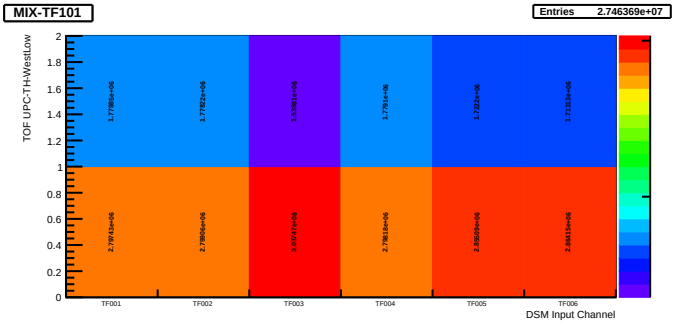

MIX-TF004
Entries 9.612292e+07
TOF MULT
TOF tray

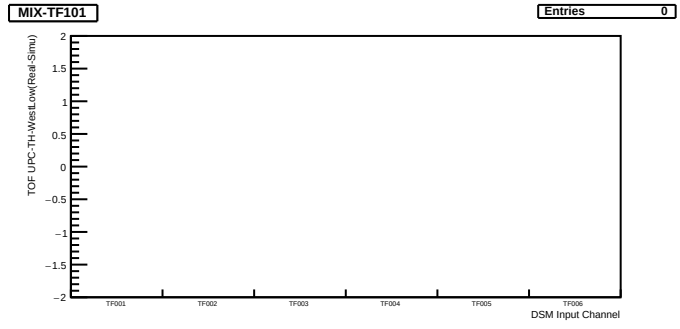

MIX-TF005
Entries 9.612292e+07
TOF MULT
TOF tray

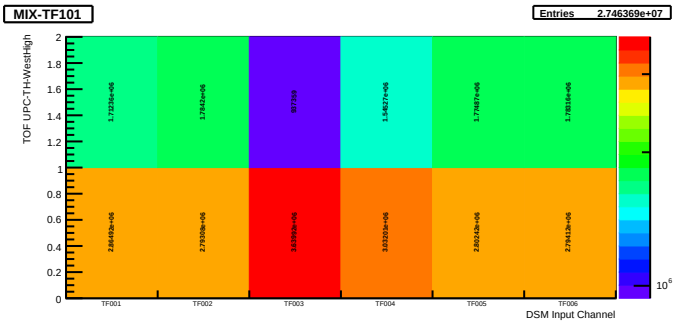

MIX-TF006
Entries 9.612292e+07
TOF MULT
TOF tray

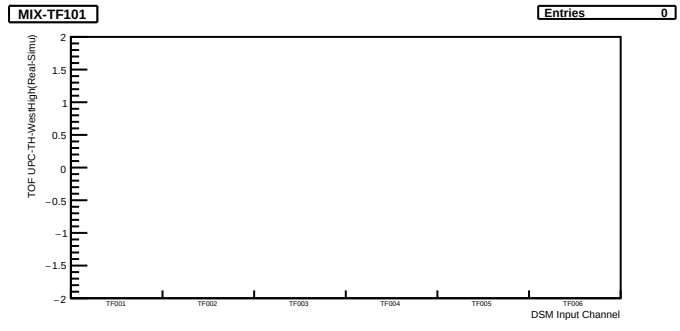

MIX-TF101
Entries 2.746369e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

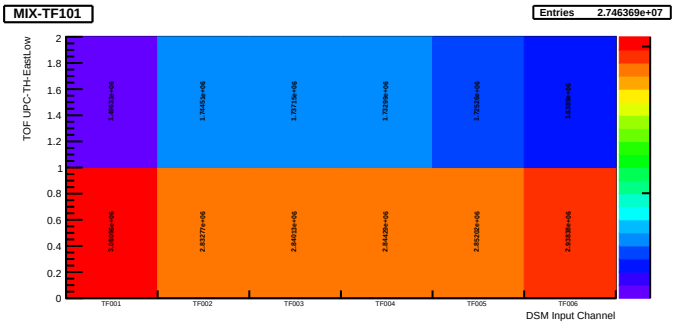

MIX-TF101
Entries 6779646
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

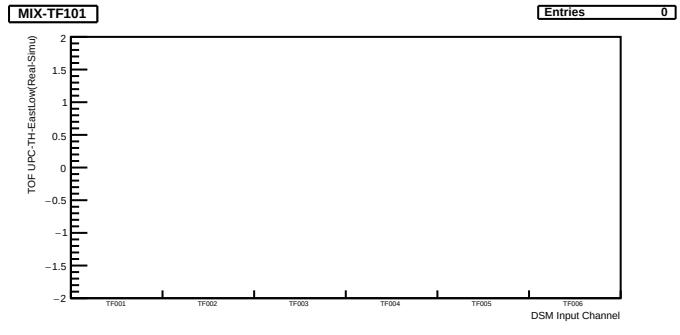

MIX-TF101
Entries 2.746369e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

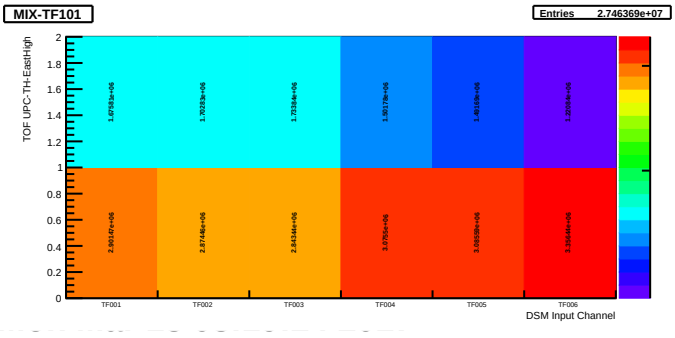

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

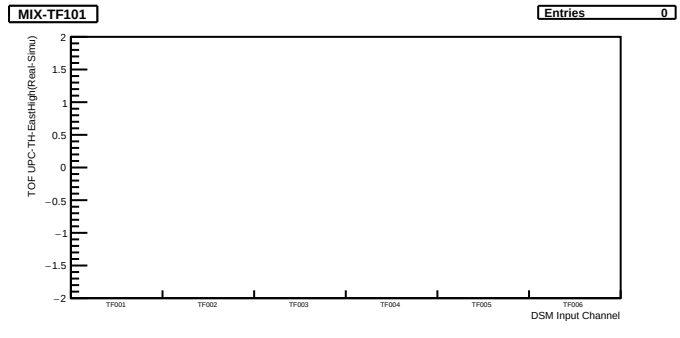

MIX-TF101
Entries 2.746369e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

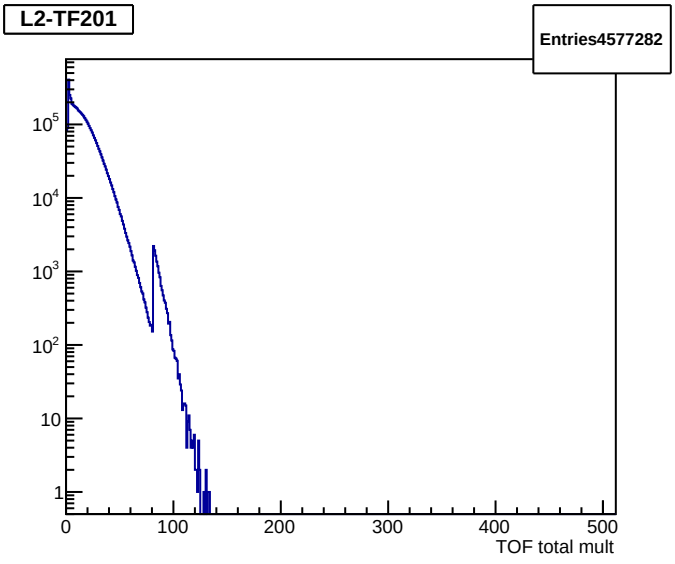

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

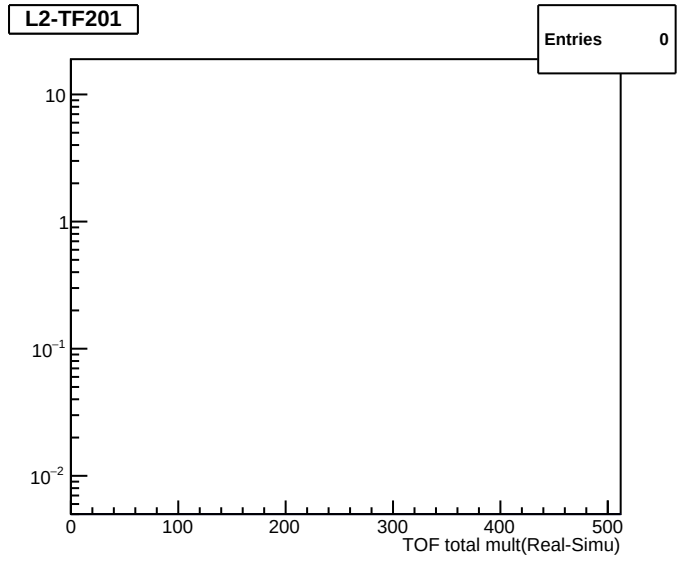

MIX-TF101
Entries 2.746369e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

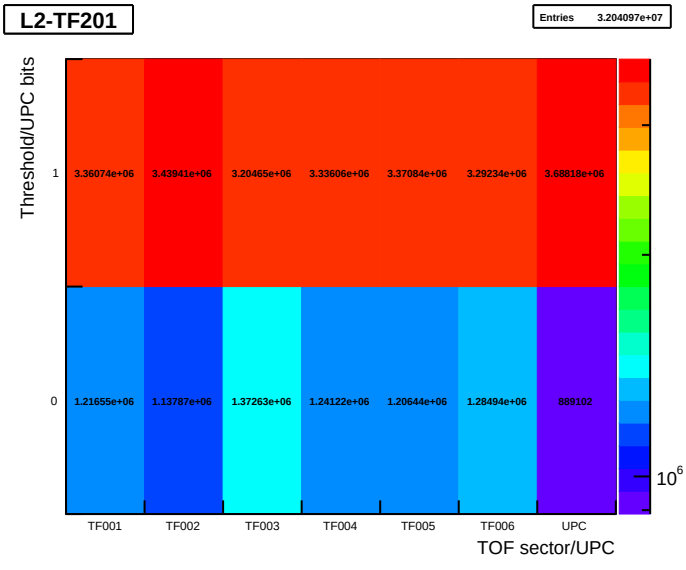

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

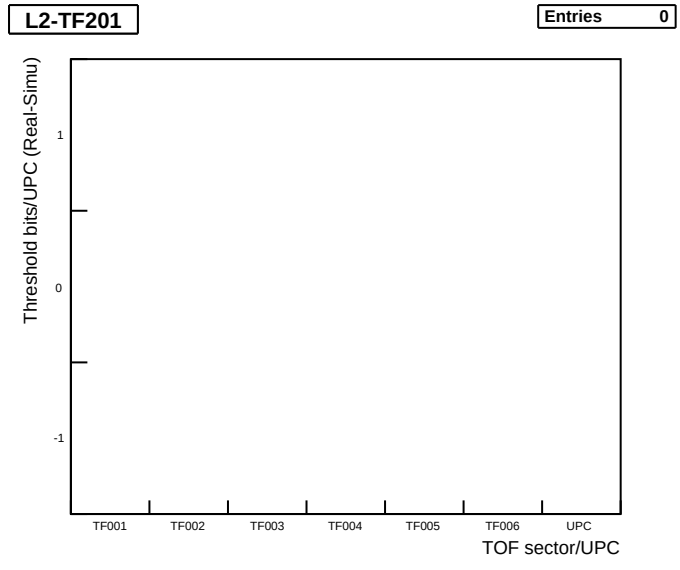

MIX-TF101
Entries 2.746369e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

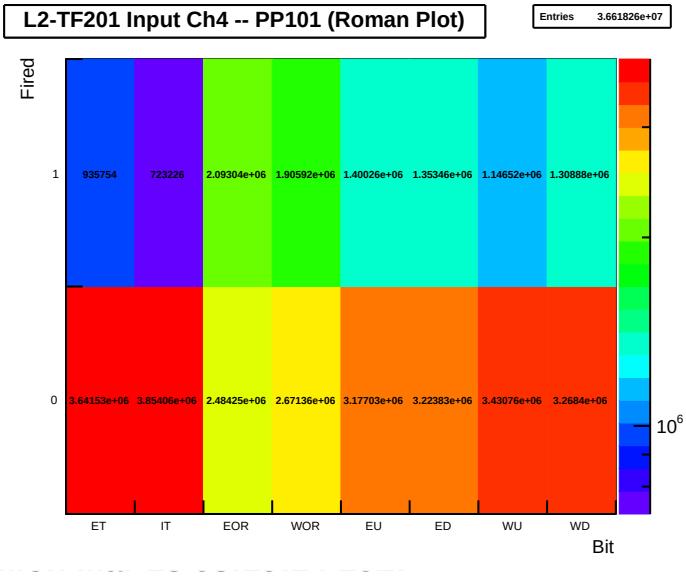

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

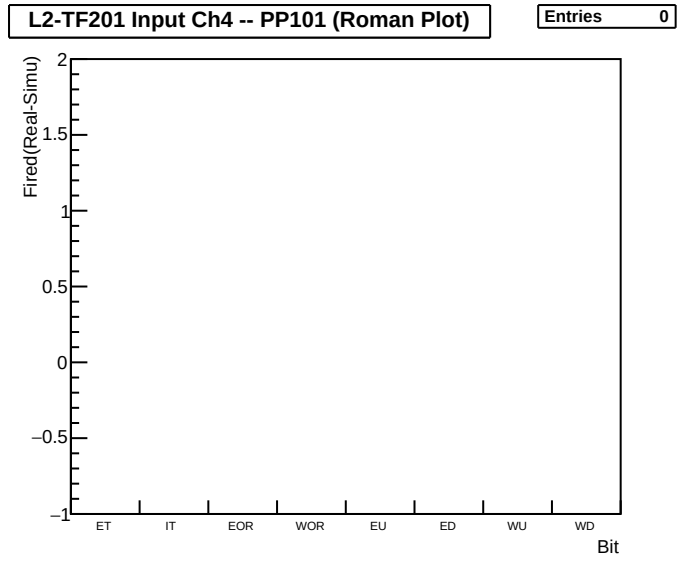

L2-TF201
Entries4577282
TOF total mult

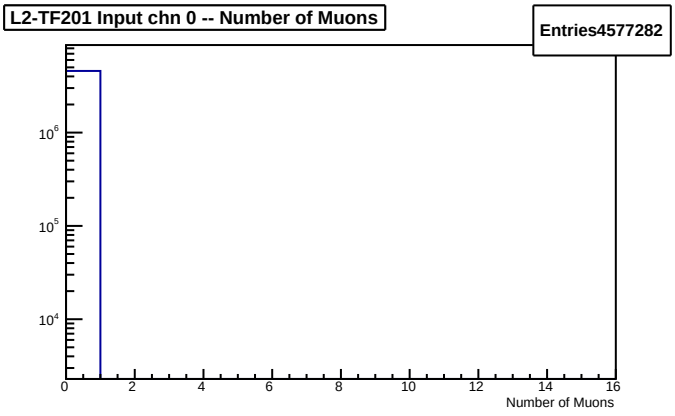

L2-TF201
Entries 0
TOF total mult(Real-Simu)

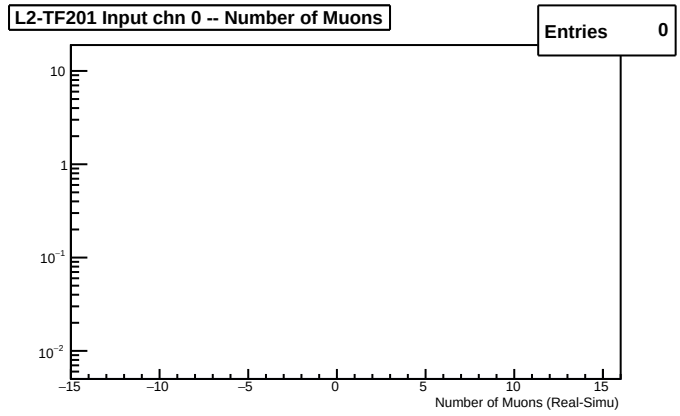

L2-TF201
Entries 3.204097e+07
Threshold/UPC bits
3.36074e+06
3.43941e+06
3.20465e+06
3.33606e+06
3.37084e+06
3.29234e+06
3.68818e+06
1.21655e+06
1.13787e+06
1.37263e+06
1.24122e+06
1.20644e+06
1.28494e+06
889102
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

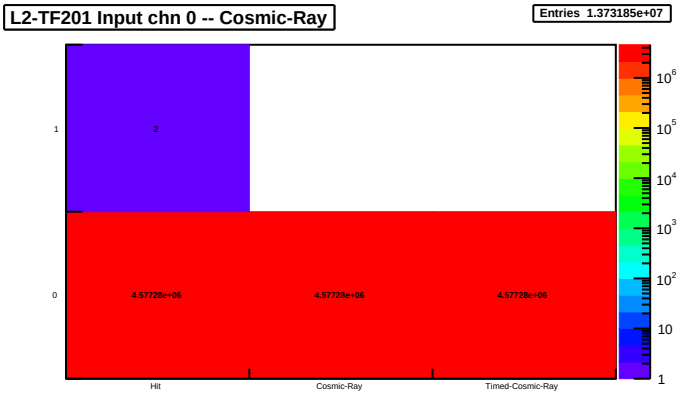

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

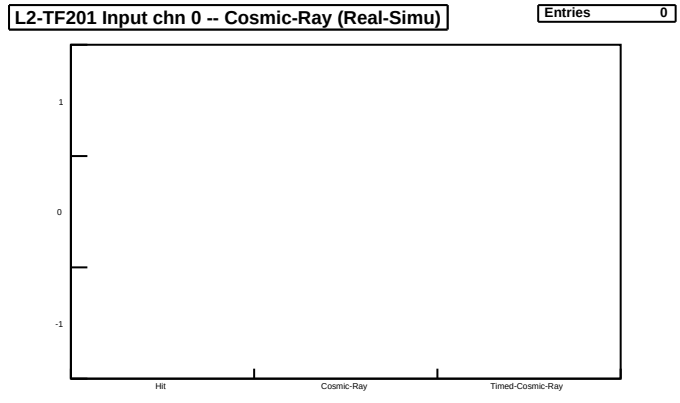

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.661826e+07
Fired
935754
723226
2.09304e+06
1.90592e+06
1.40026e+06
1.35346e+06
1.14652e+06
1.30888e+06
3.64153e+06
3.85406e+06
2.48425e+06
2.67136e+06
3.17703e+06
3.22383e+06
3.43076e+06
3.2684e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

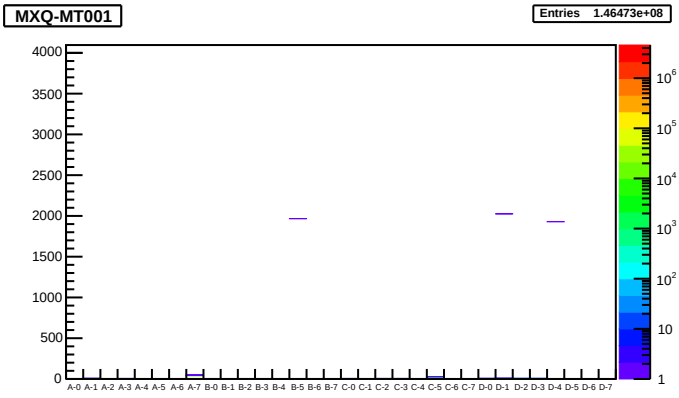

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

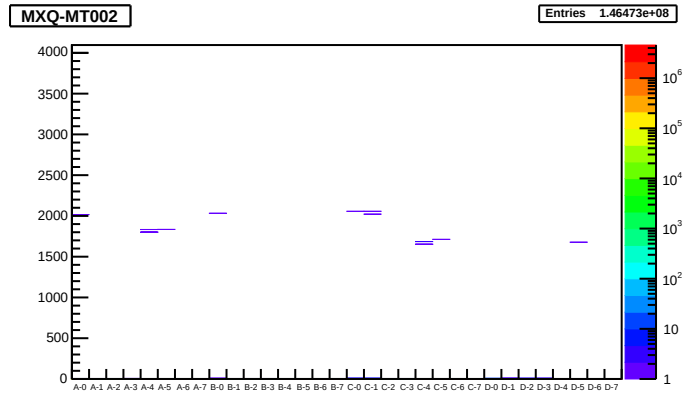

L2-TF201 Input chn 0 -- Number of Muons
Entries4577282
Number of Muons

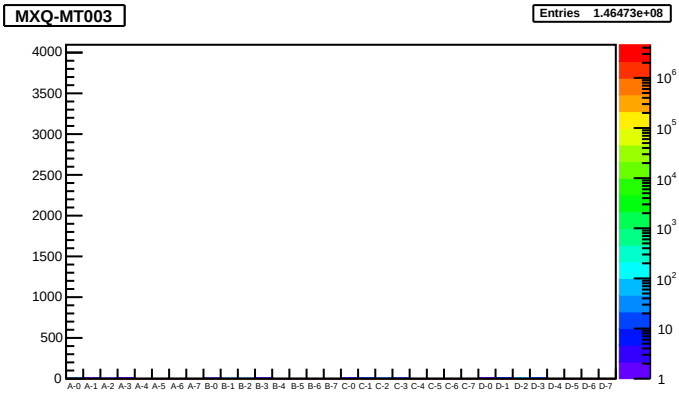

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

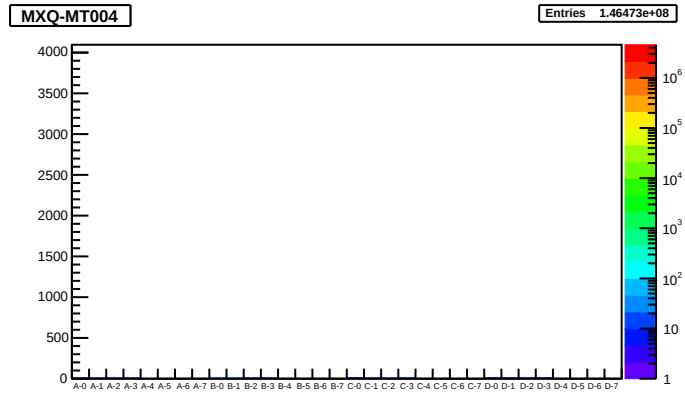

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.373185e+07
4.57728e+06
4.57728e+06
4.57728e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

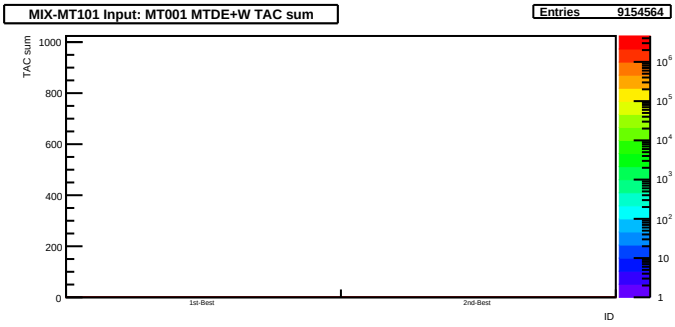

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

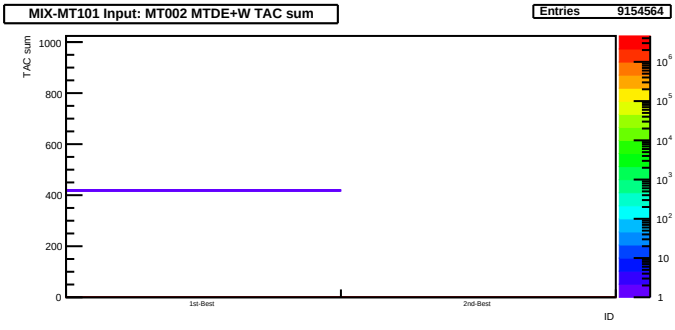

MXQ-MT001
Entries 1.46473e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

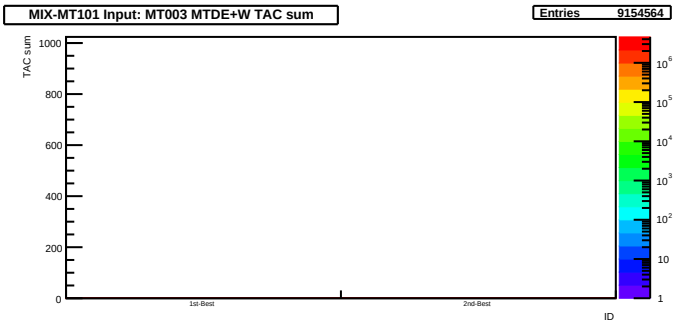

MXQ-MT002
Entries 1.46473e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

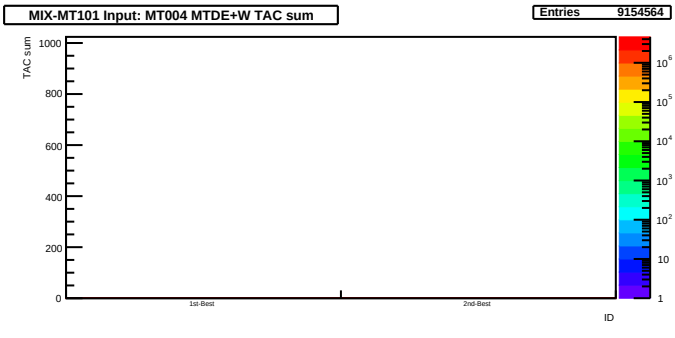

MXQ-MT003
Entries 1.46473e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

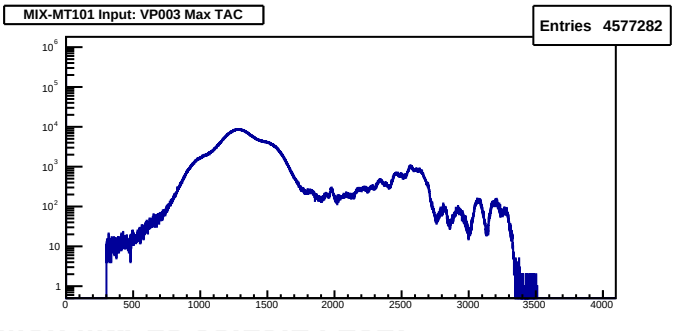

MXQ-MT004
Entries 1.46473e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

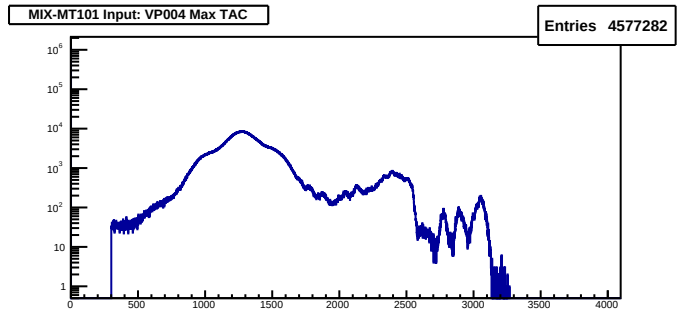

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9154564
TAC sum
1st-Best
2nd-Best
ID

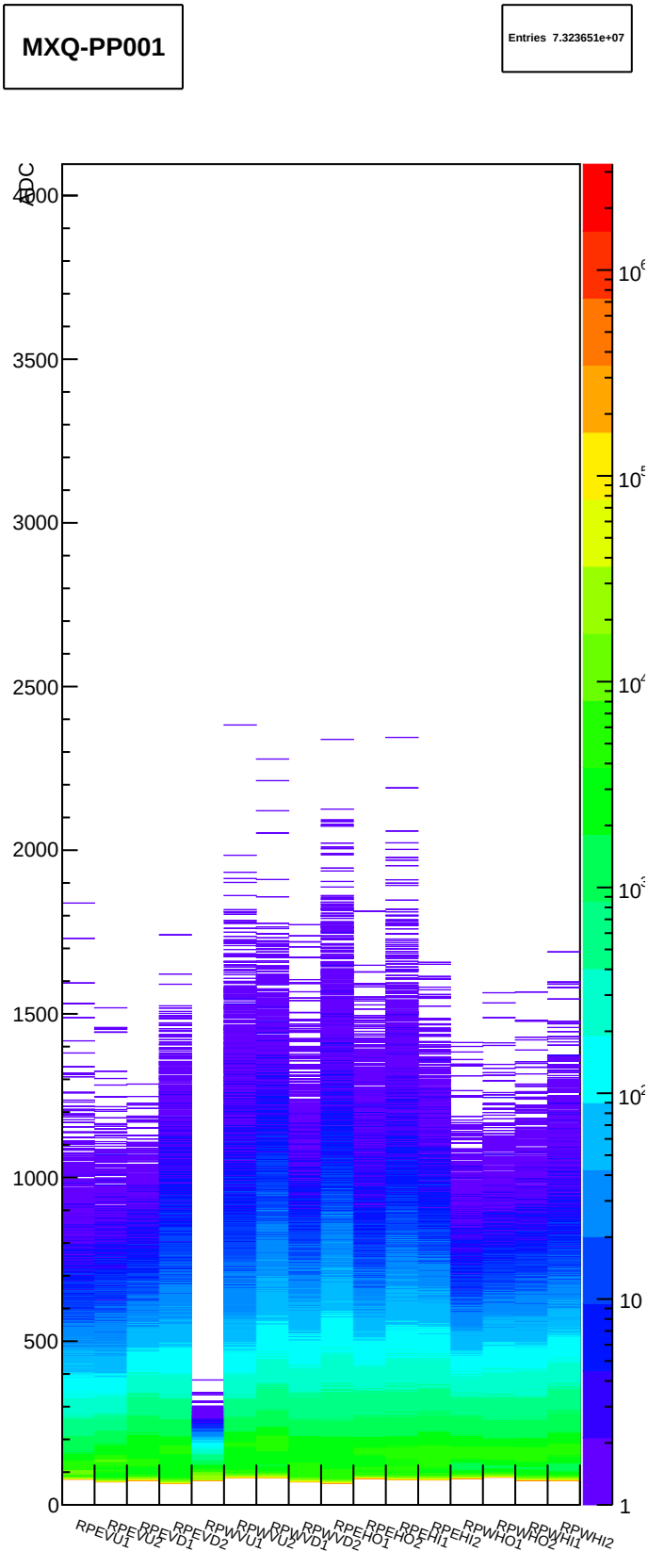

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9154564
TAC sum
1st-Best
2nd-Best
ID

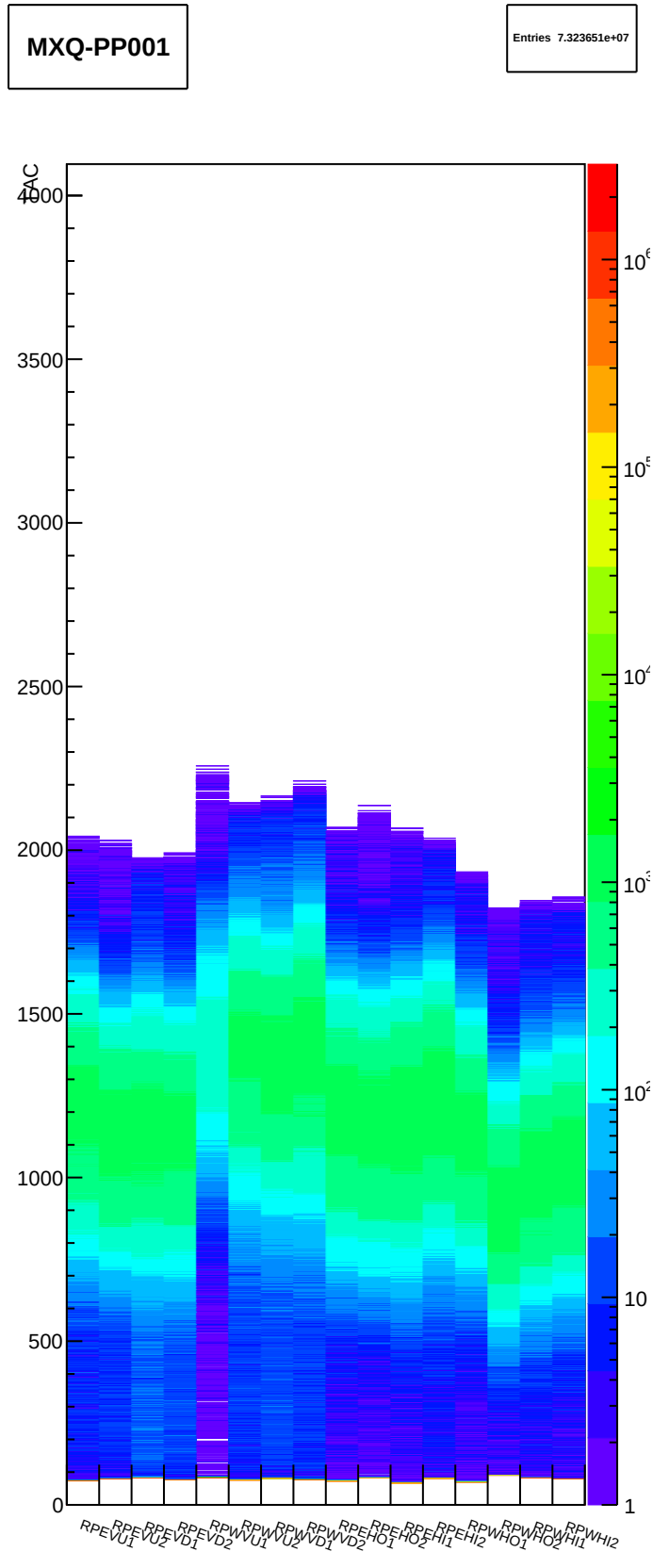

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9154564
TAC sum
1st-Best
2nd-Best
ID

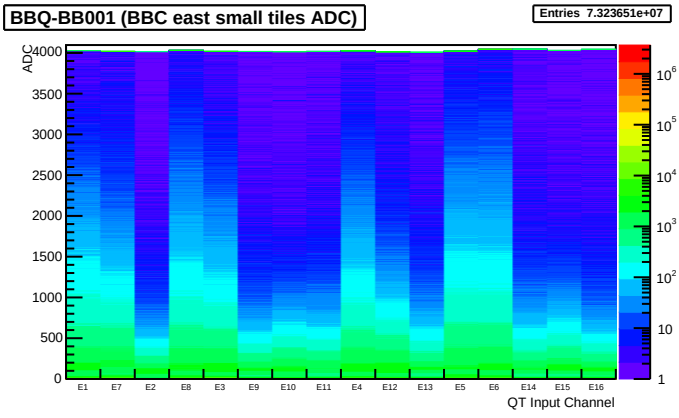

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9154564
TAC sum
1st-Best
2nd-Best
ID

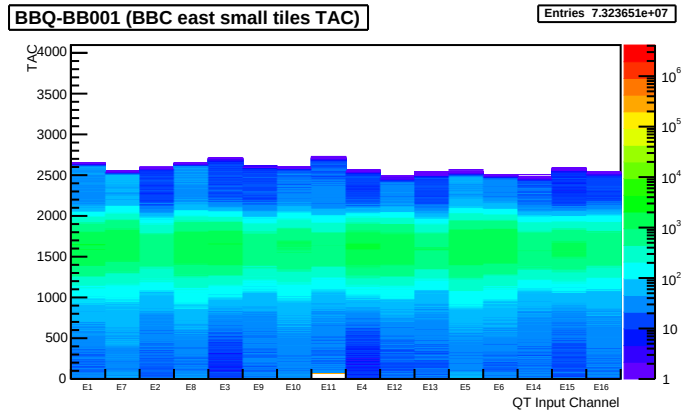

MIX-MT101 Input: VP003 Max TAC
Entries 4577282

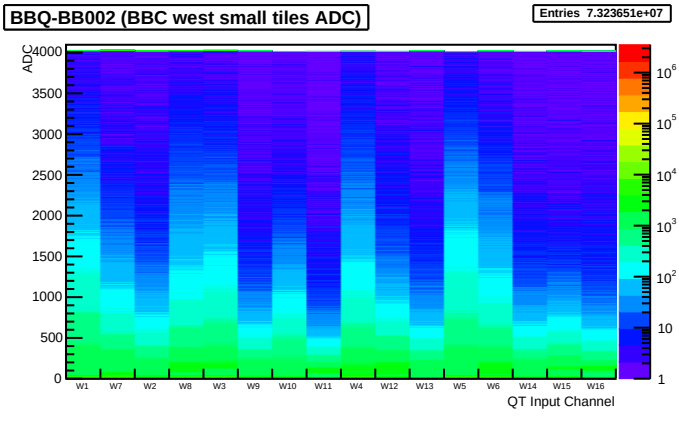

MIX-MT101 Input: VP004 Max TAC
Entries 4577282

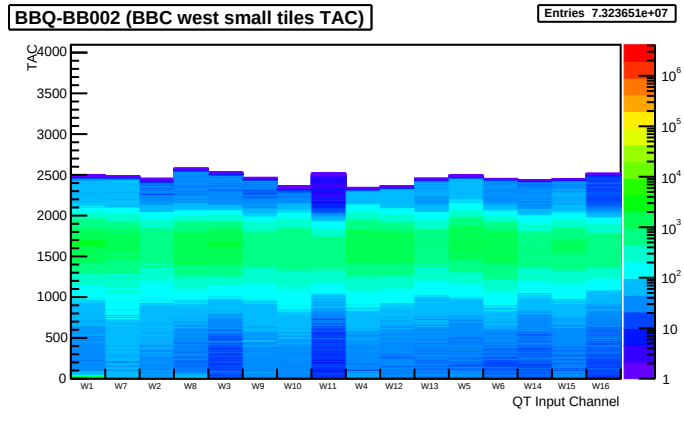

MXQ-PP001
Entries 7.323651e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

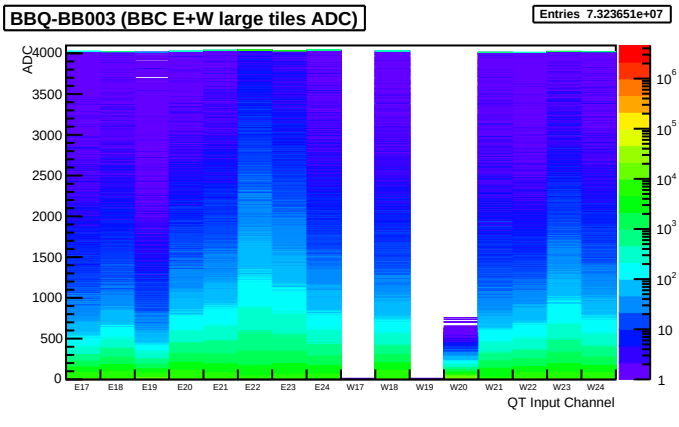

MXQ-PP001
Entries 7.323651e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

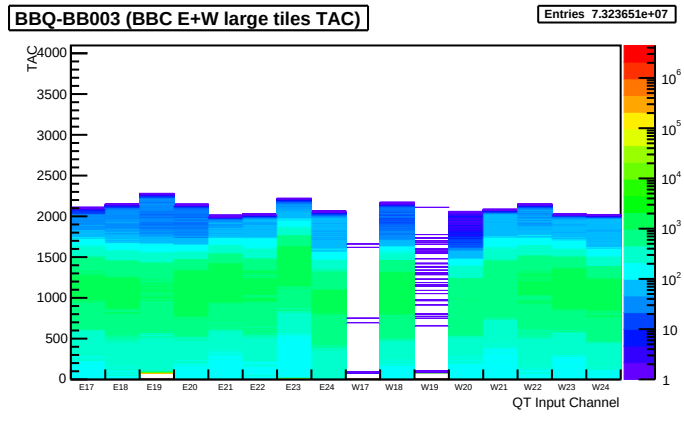

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.323651e+07
ADC
QT Input Channel

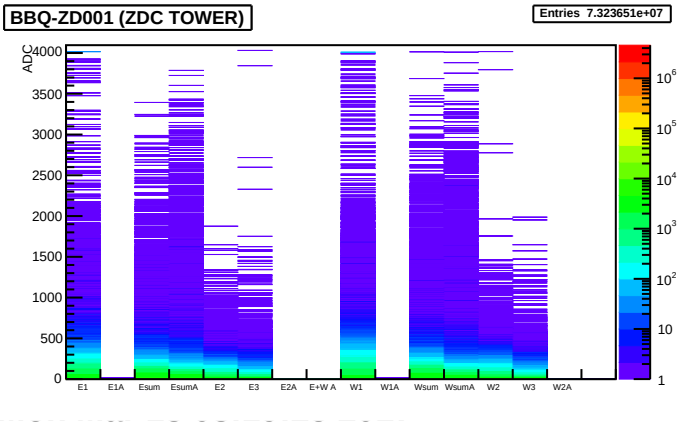

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.323651e+07
TAC
QT Input Channel

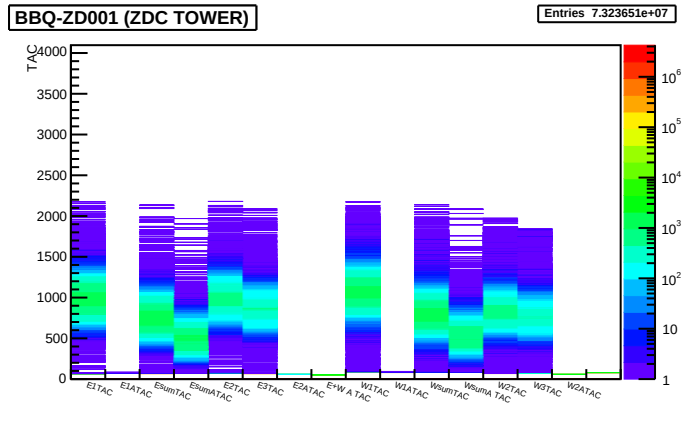

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.323651e+07
ADC
QT Input Channel

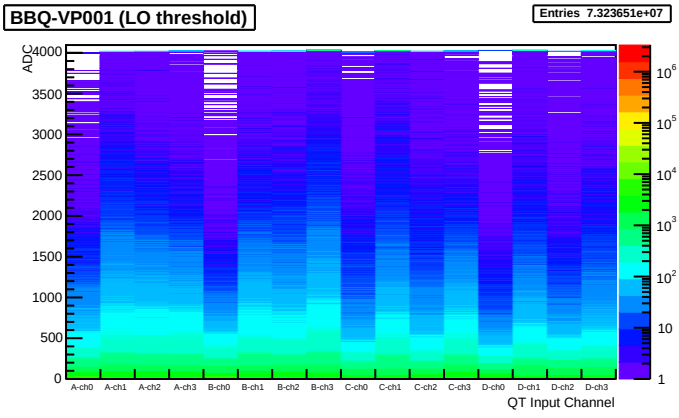

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.323651e+07
TAC
QT Input Channel

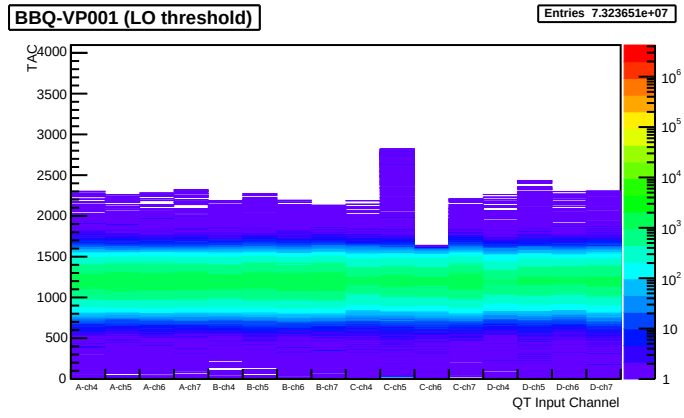

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.323651e+07
ADC
QT Input Channel

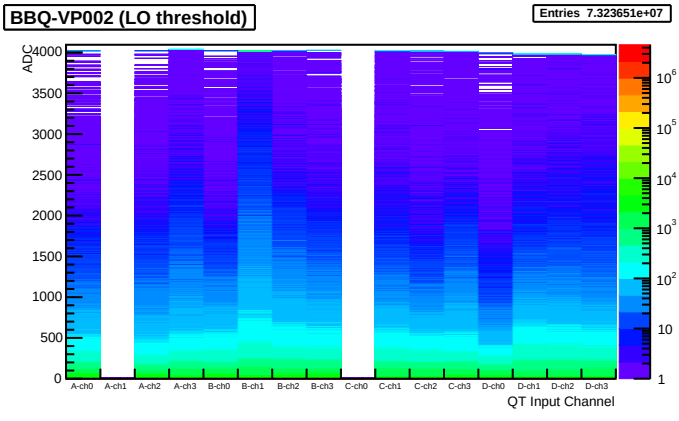

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.323651e+07
TAC
QT Input Channel

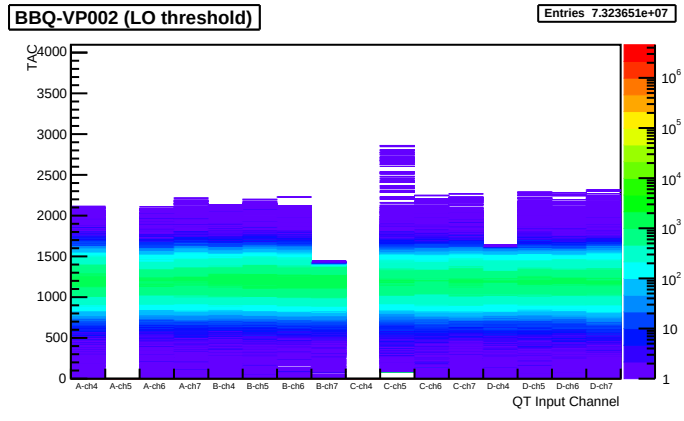

BBQ-ZD001 (ZDC TOWER)
Entries 7.323651e+07
ADC

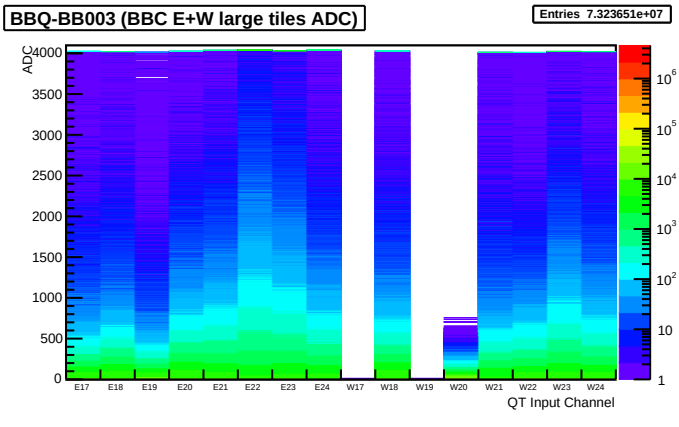

BBQ-ZD001 (ZDC TOWER)
Entries 7.323651e+07
TAC

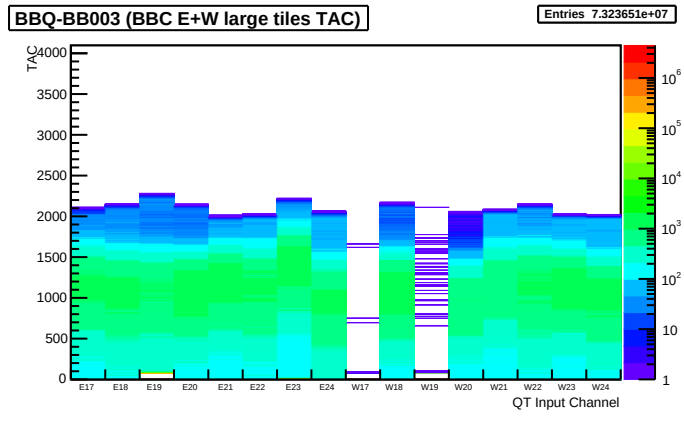

BBQ-VP001 (LO threshold)
Entries 7.323651e+07
ADC
QT Input Channel

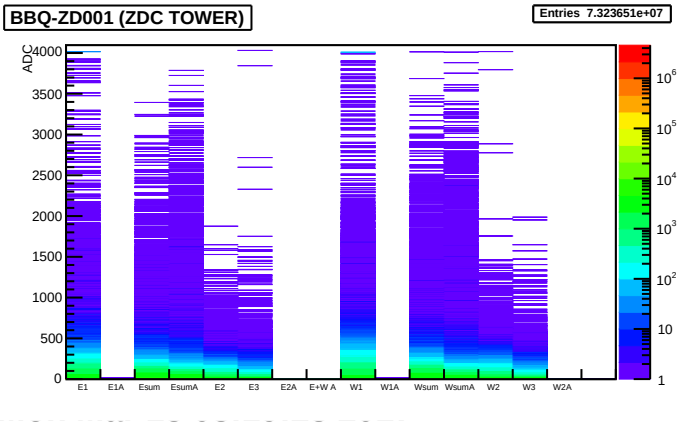

BBQ-VP001 (LO threshold)
Entries 7.323651e+07
TAC
QT Input Channel

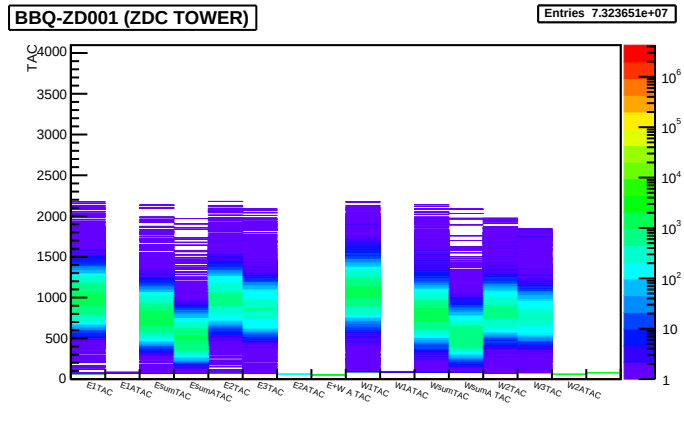

BBQ-VP002 (LO threshold)
Entries 7.323651e+07
ADC
QT Input Channel

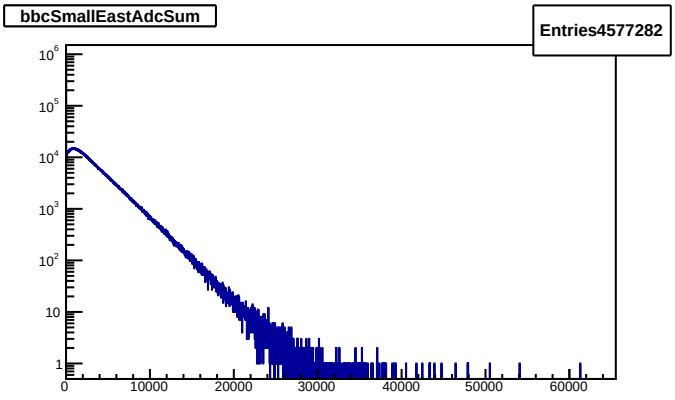

BBQ-VP002 (LO threshold)
Entries 7.323651e+07
TAC
QT Input Channel

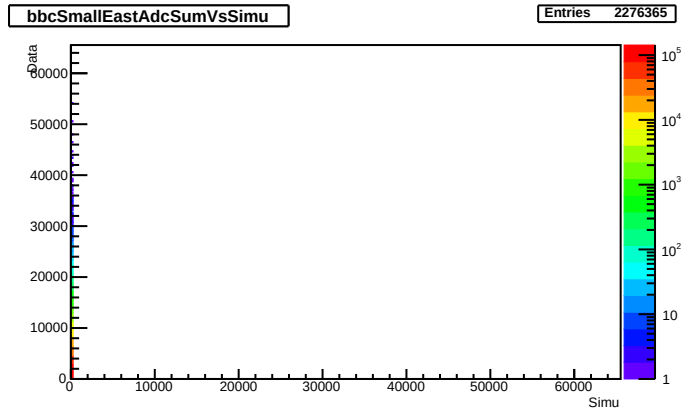

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.323651e+07
ADC
QT Input Channel

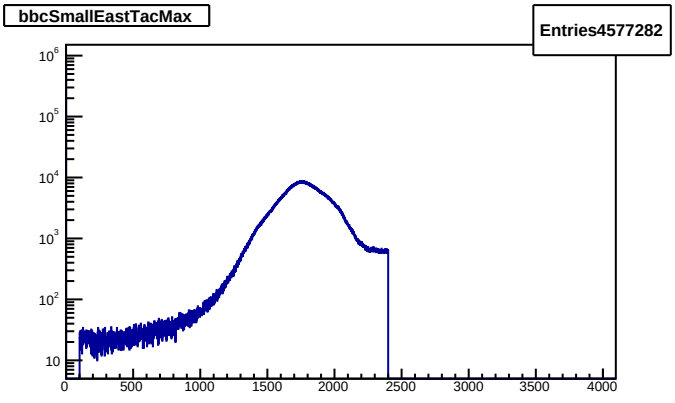

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.323651e+07
TAC
QT Input Channel

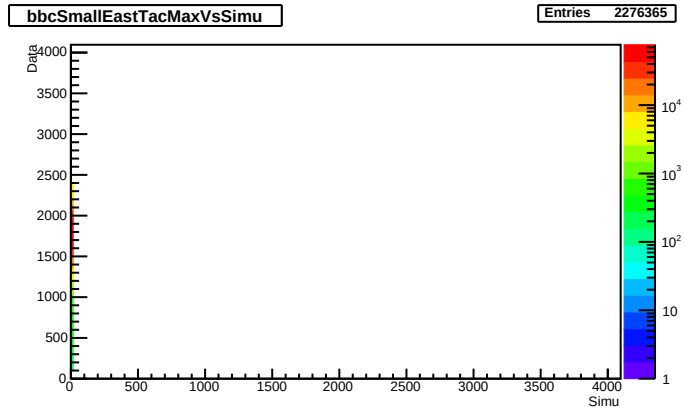

BBQ-ZD001 (ZDC TOWER)
Entries 7.323651e+07
ADC

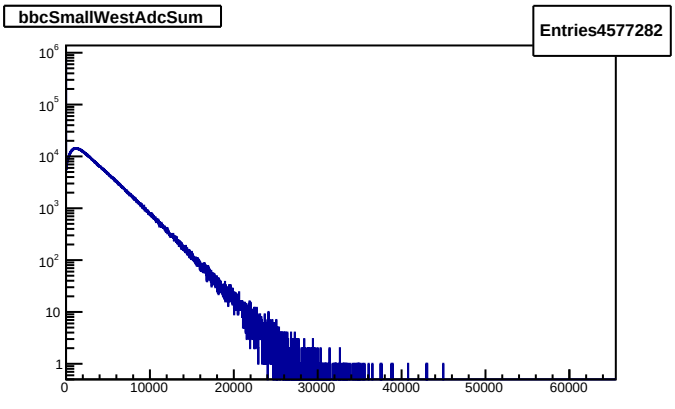

BBQ-ZD001 (ZDC TOWER)
Entries 7.323651e+07
TAC

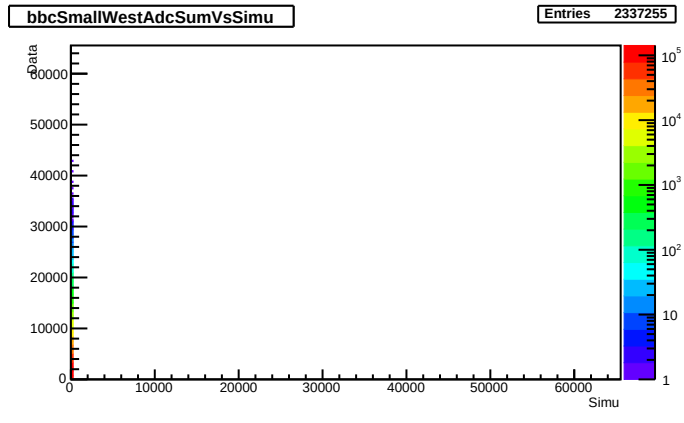

bbcSmallEastAdcSum
Entries4577282

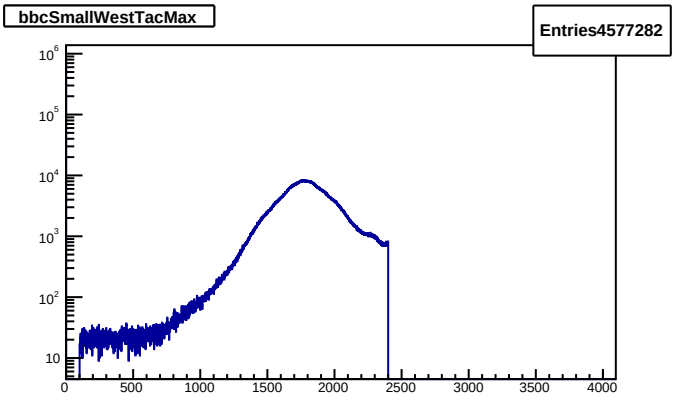

bbcSmallEastAdcSumVsSimu
Entries 2276365
Data
Simu

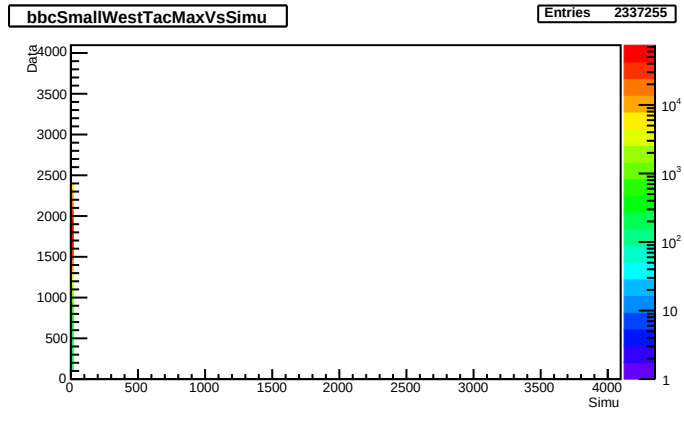

bbcSmallEastTacMax
Entries4577282

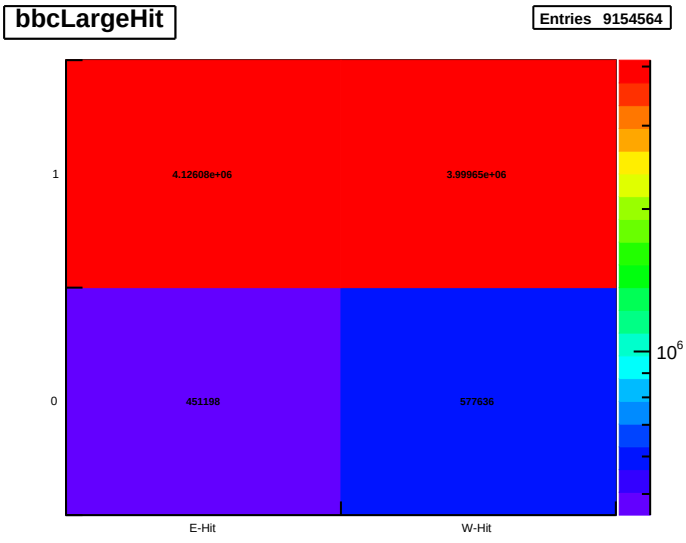

bbcSmallEastTacMaxVsSimu
Entries 2276365
Data
Simu

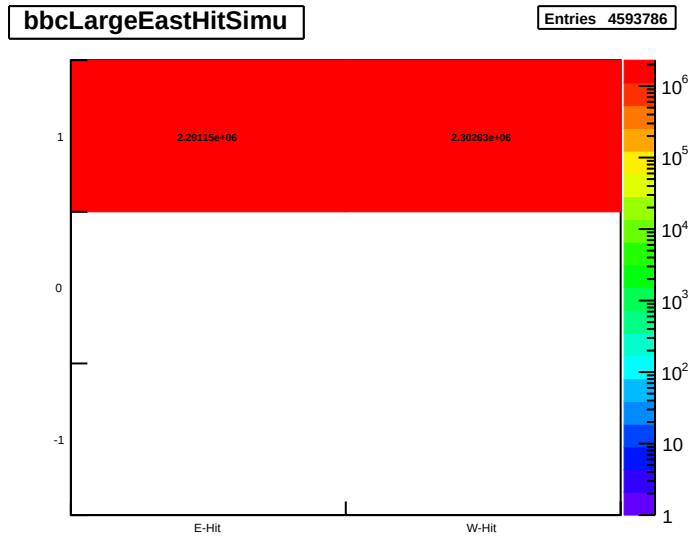

bbcSmallWestAdcSum
Entries4577282

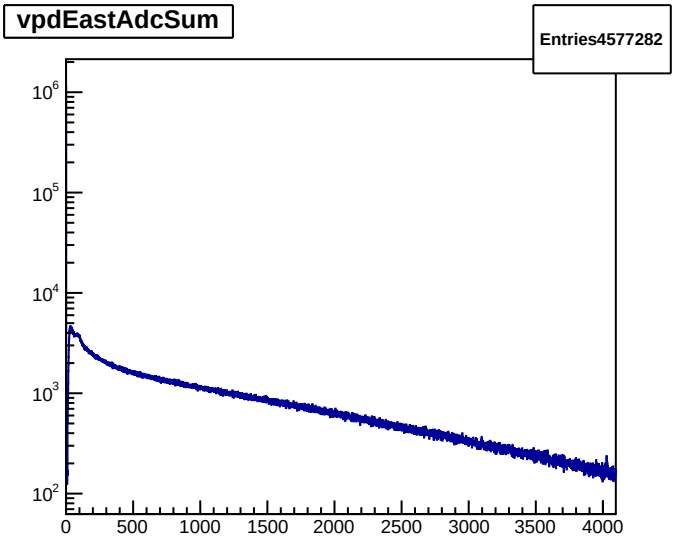

bbcSmallWestAdcSumVsSimu
Entries 2337255
Data
Simu

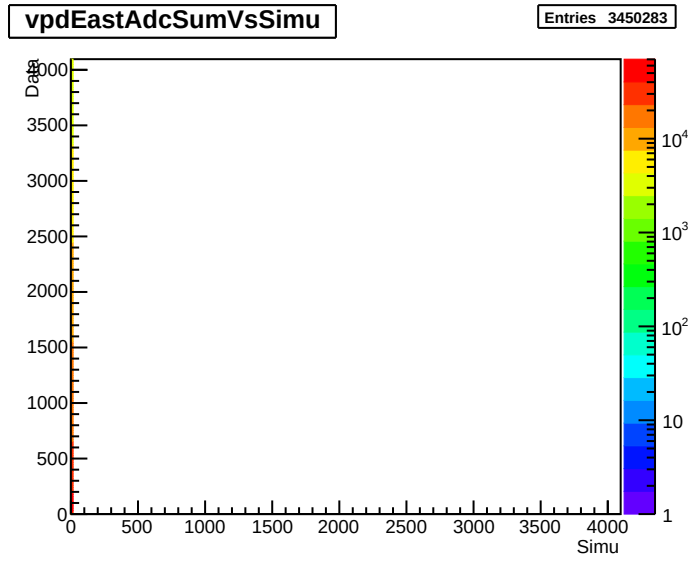

bbcSmallWestTacMax
Entries4577282

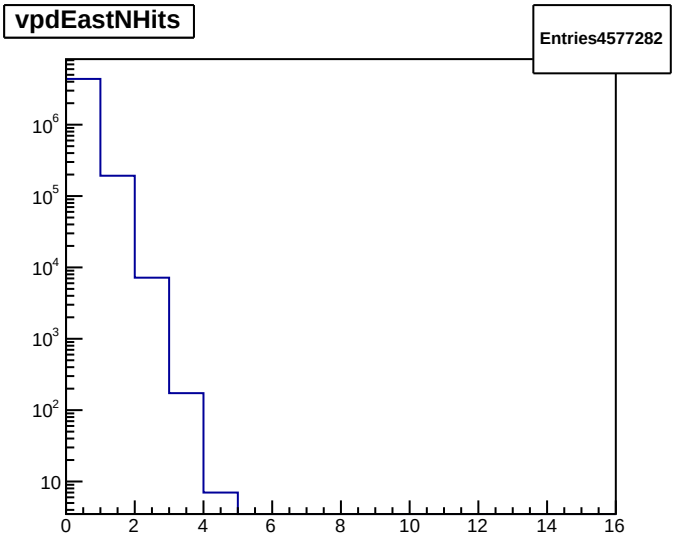

bbcSmallWestTacMaxVsSimu
Entries 2337255
Data
Simu

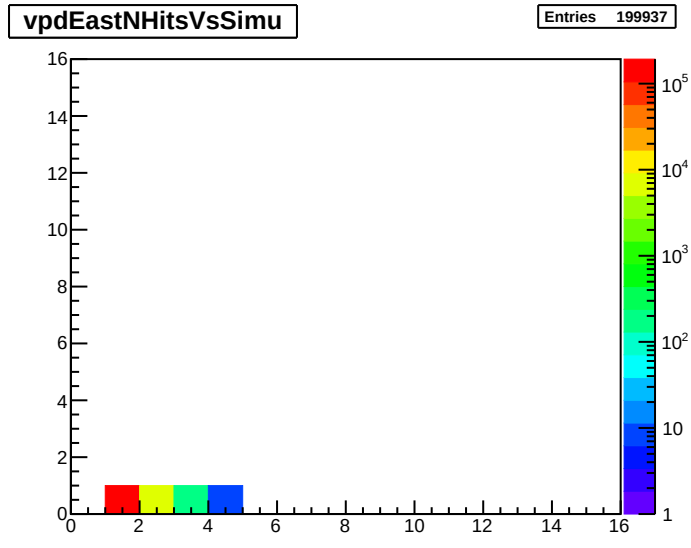

bbcLargeHit
Entries 9154564
1
0
4.12608e+06
3.99965e+06
451198
577636
E-Hit
W-Hit
10^6

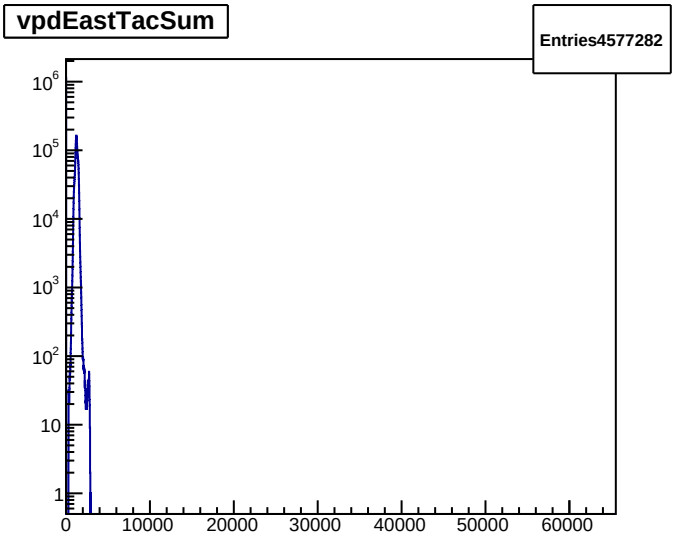

bbcLargeEastHitSimu
Entries 4593786
1
0
-1
2.29115e+06
2.30263e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

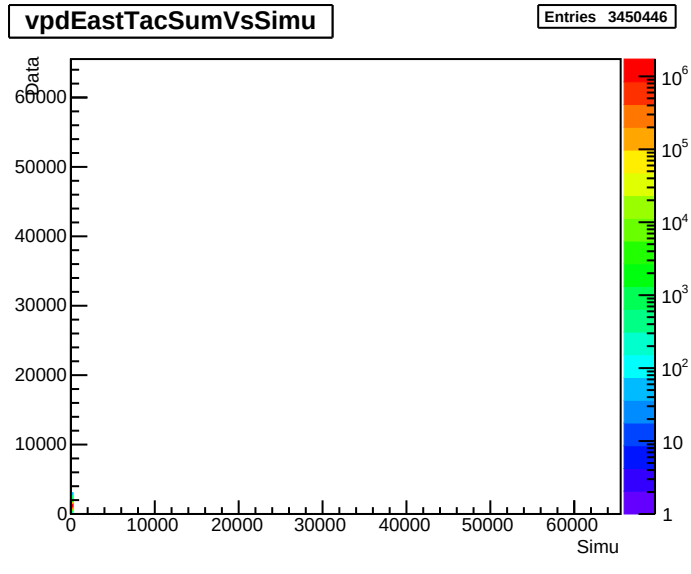

vpdEastAdcSum
Entries4577282

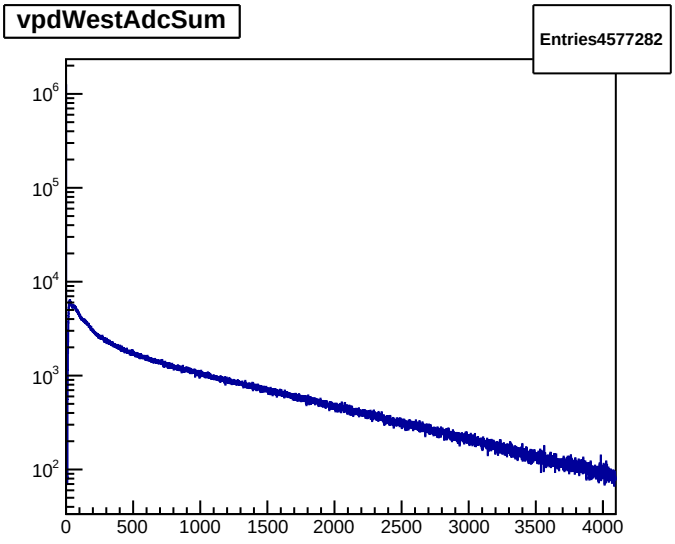

vpdEastAdcSumVsSimu
Entries 3450283
Data
Simu

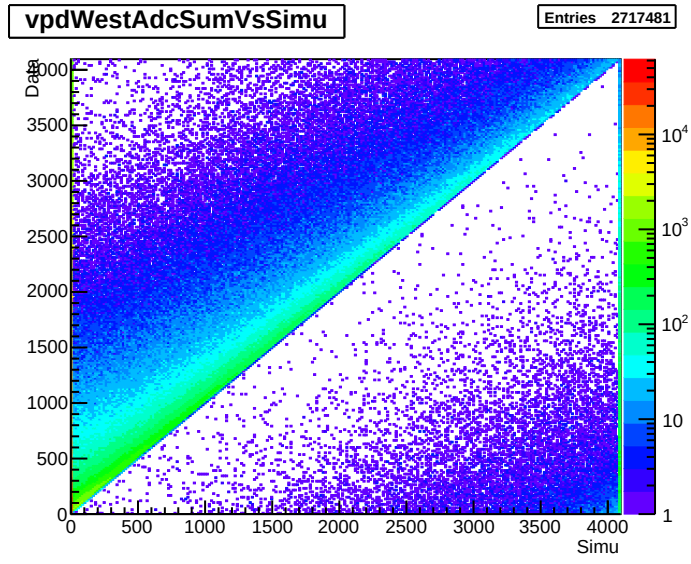

vpdEastNHits
Entries4577282

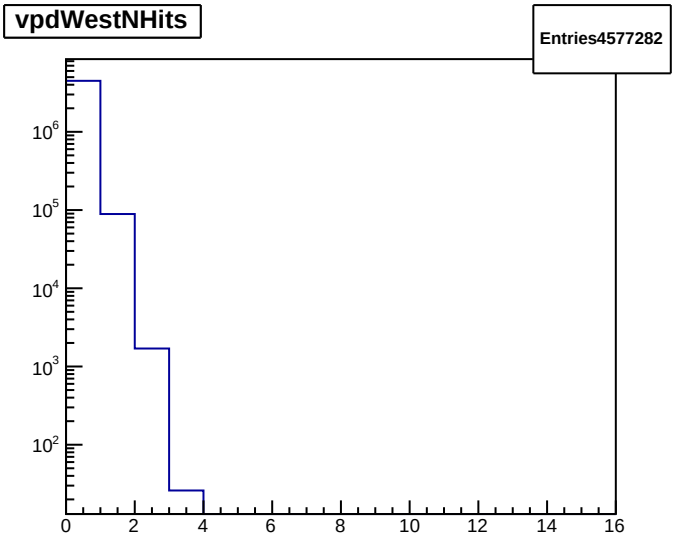

vpdEastNHitsVsSimu
Entries 199937

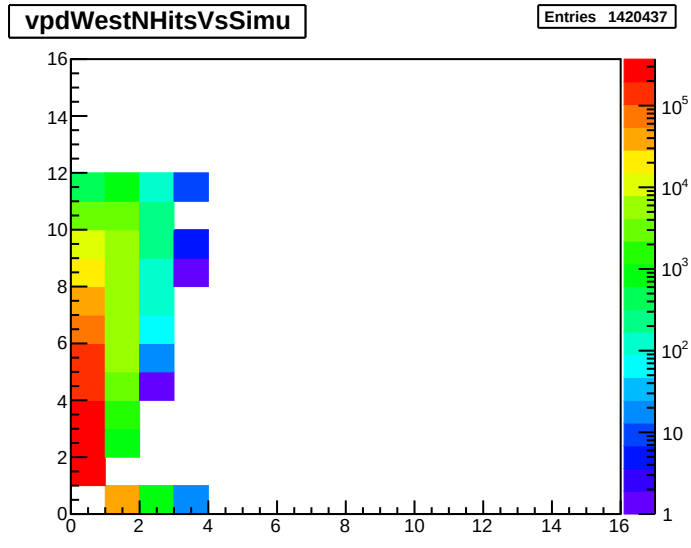

vpdEastTacSum
Entries4577282

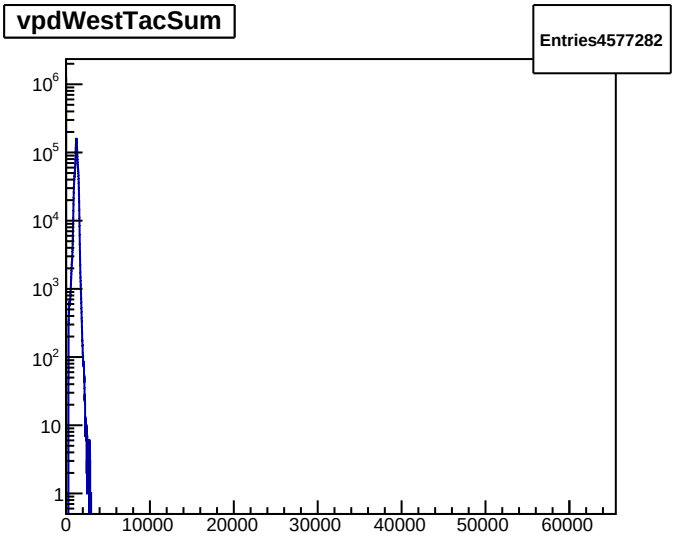

vpdEastTacSumVsSimu
Entries 3450446
Data
Simu

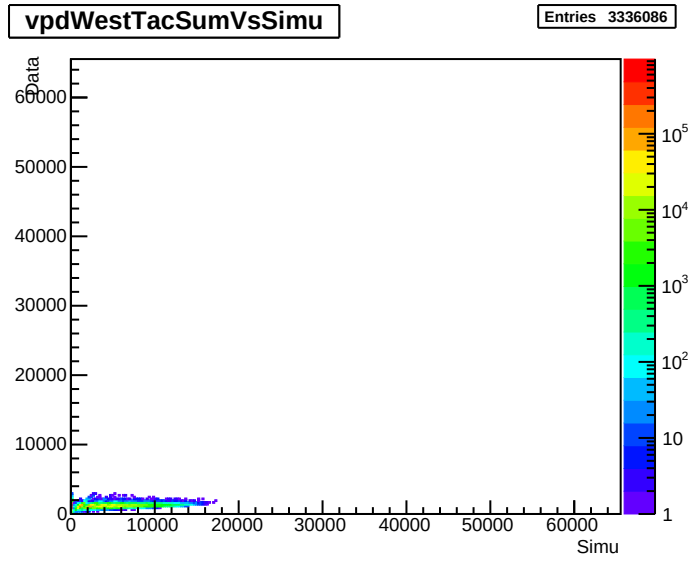

vpdWestAdcSum
Entries4577282

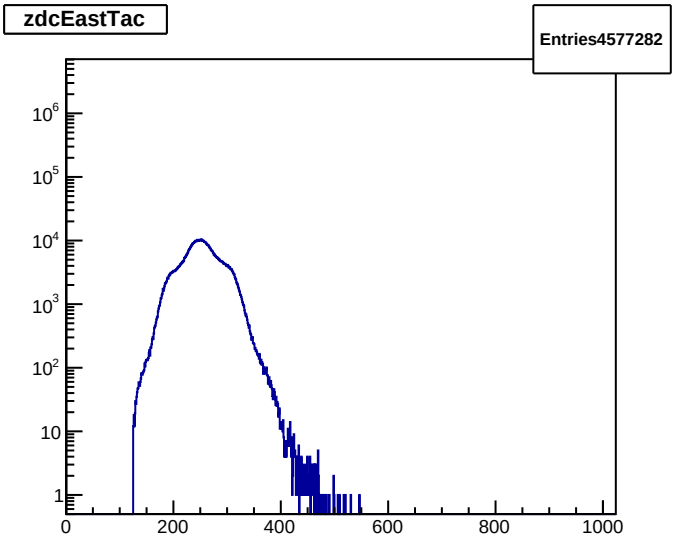

vpdWestAdcSumVsSimu
Entries 2717481
Data
Simu

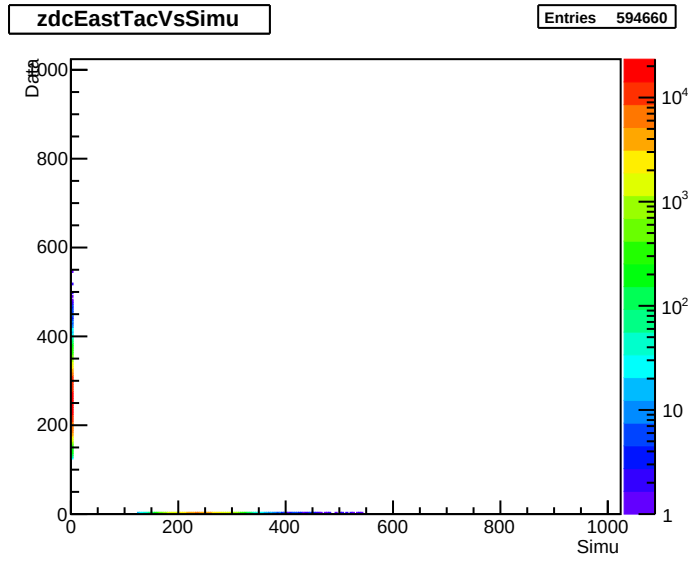

vpdWestNHits
Entries4577282

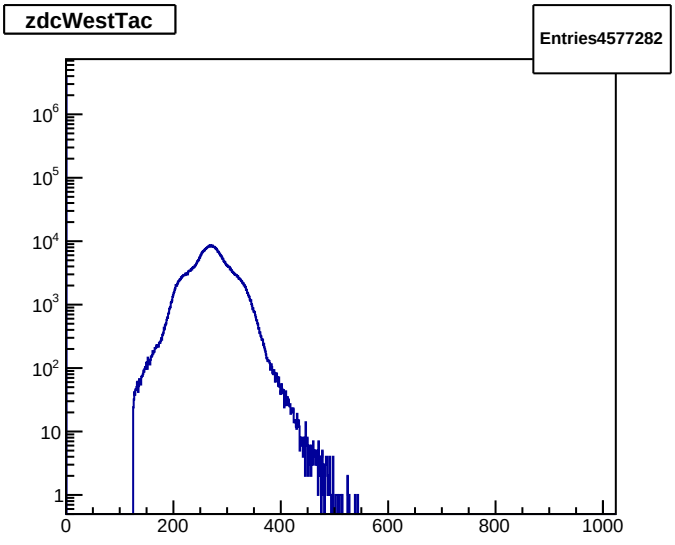

vpdWestNHitsVsSimu
Entries 1420437

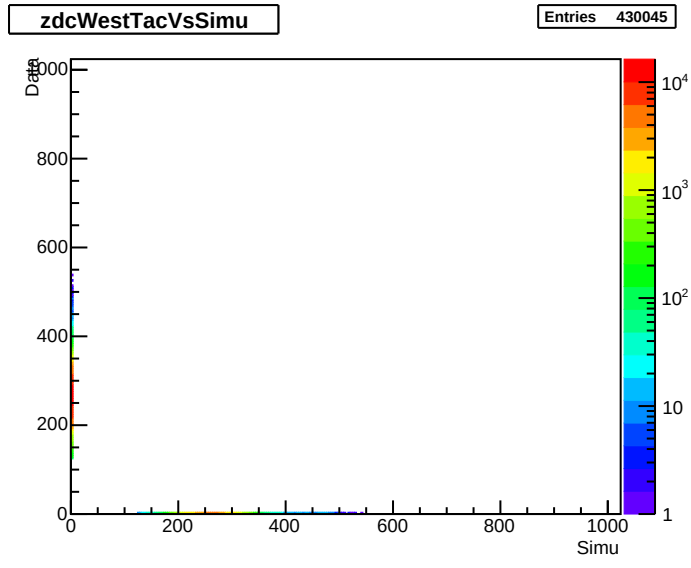

vpdWestTacSum
Entries4577282

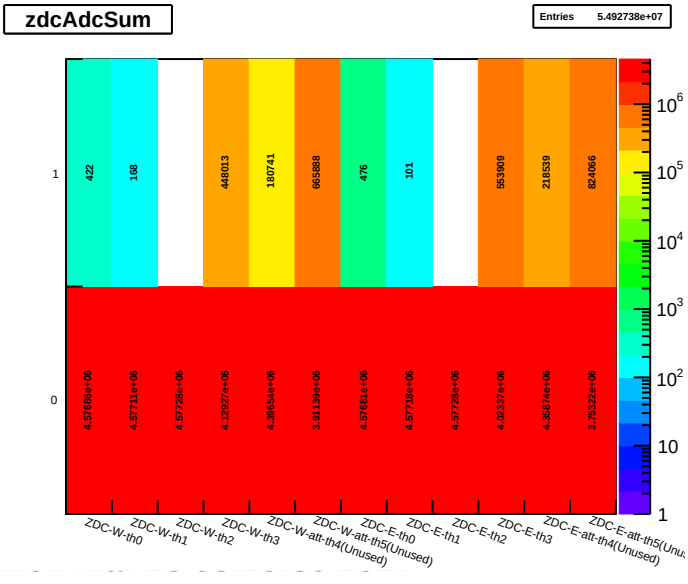

vpdWestTacSumVsSimu
Entries 3336086
Data
Simu

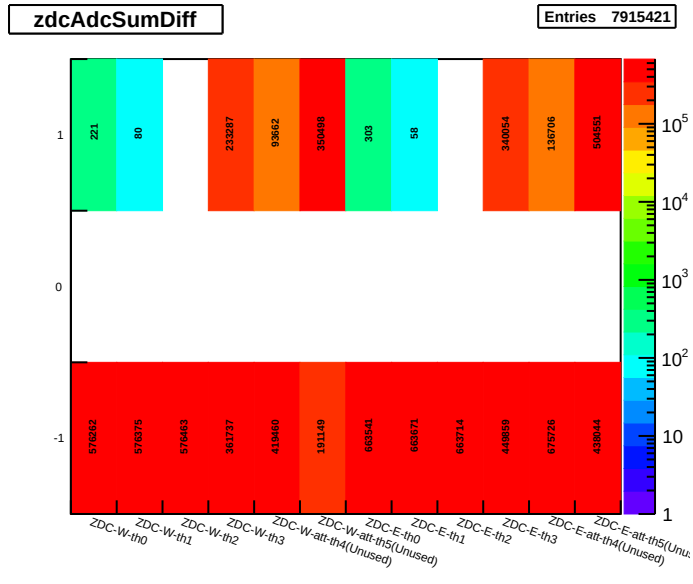

zdcEastTac
Entries4577282

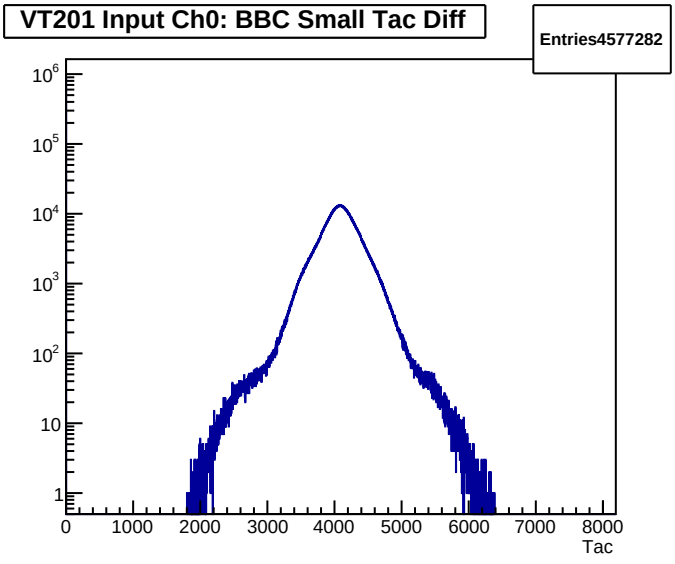

zdcEastTacVsSimu
Entries 594660
Data
Simu

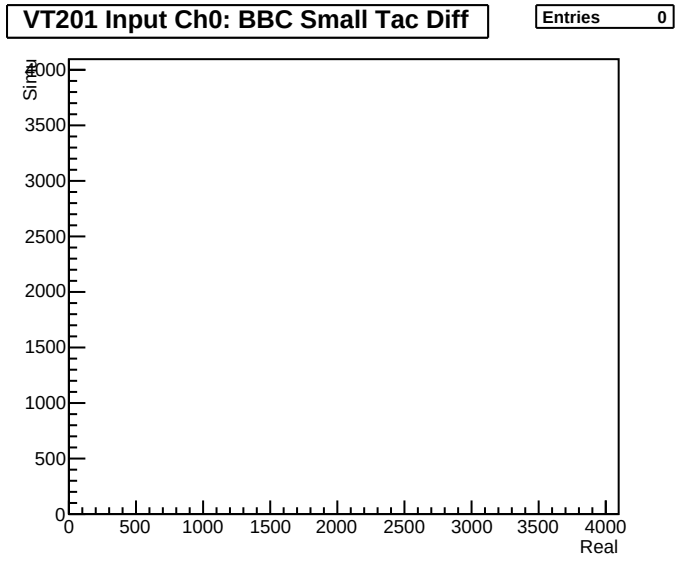

zdcWestTac
Entries4577282

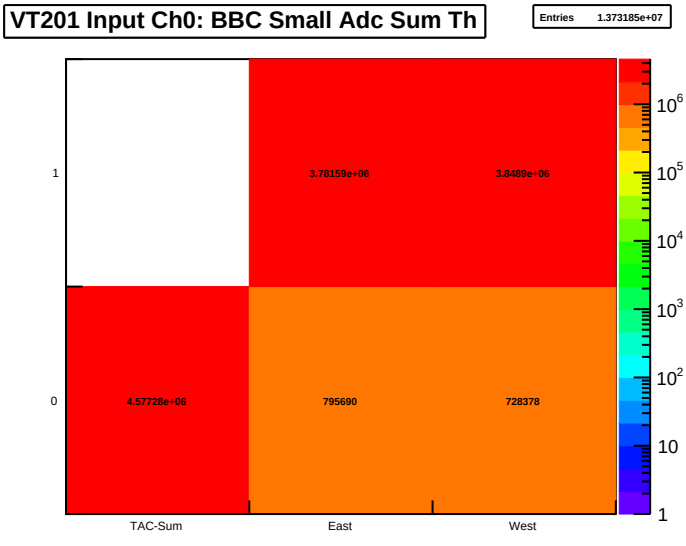

zdcWestTacVsSimu
Entries 430045
Data
Simu

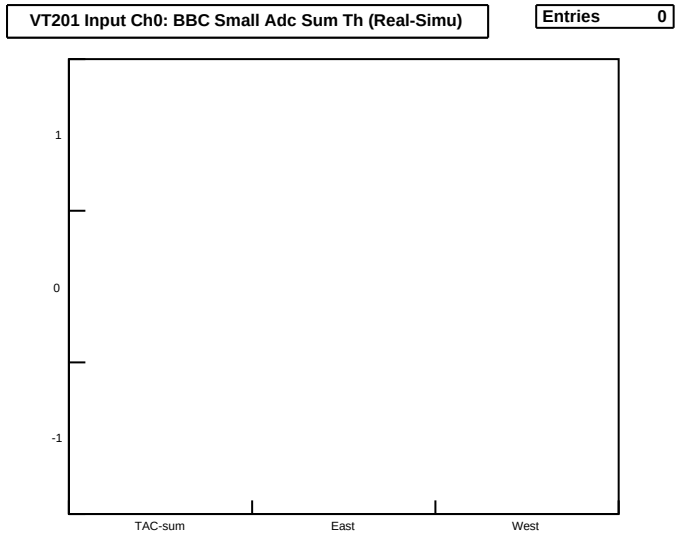

zdcAdcSum
Entries 5.492738e+07
422
168
448013
180741
665888
476
101
553909
218539
824066
4.57686e+06
4.57711e+06
4.57728e+06
4.12927e+06
4.38654e+06
3.91139e+06
4.57681e+06
4.57718e+06
4.57728e+06
4.02337e+06
4.35874e+06
3.75322e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

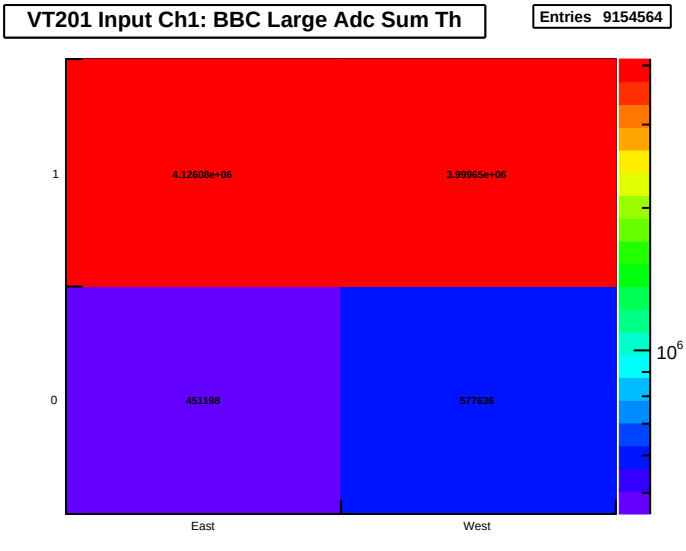

zdcAdcSumDiff
Entries 7915421
221
80
232287
93662
350498
303
58
340054
136706
504551
576262
576375
576463
361737
419460
191149
663541
663671
663714
448659
675726
439044
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

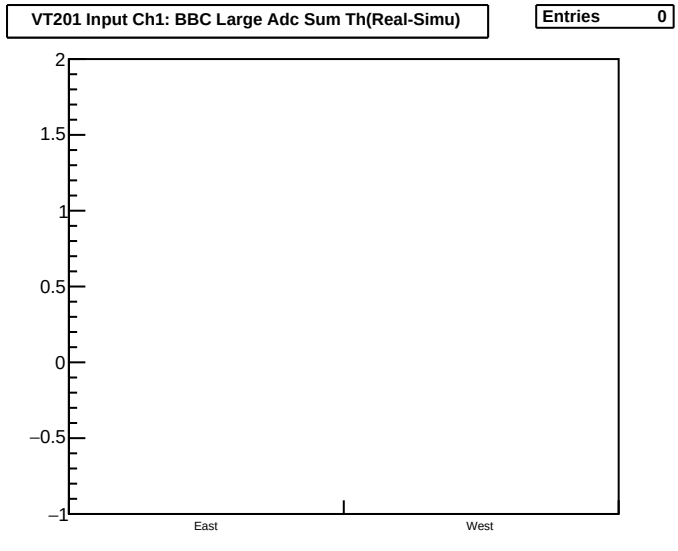

VT201 Input Ch0: BBC Small Tac Diff
Entries4577282
Tac


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

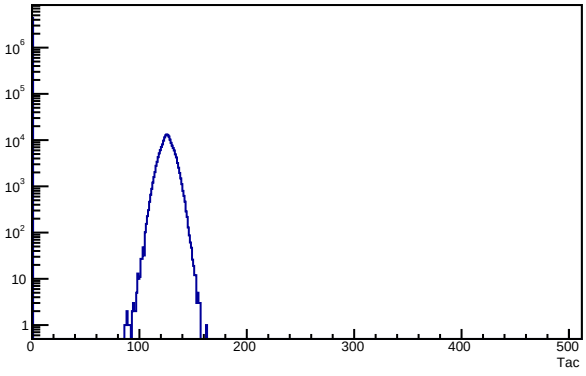

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.373185e+07
3.78159e+06
3.8489e+06
4.57728e+06
795690
728378
TAC-Sum
East
West


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

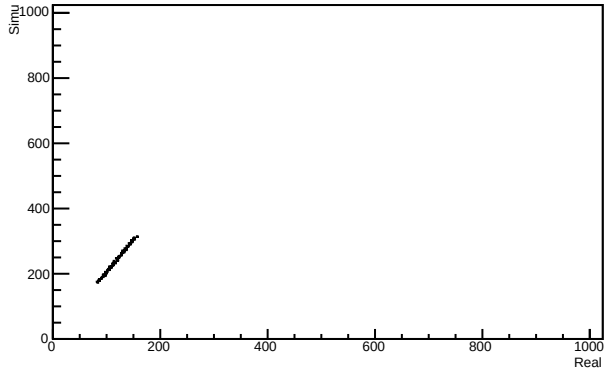

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9154564
4.12608e+06
3.99965e+06
451198
577636
East
West


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

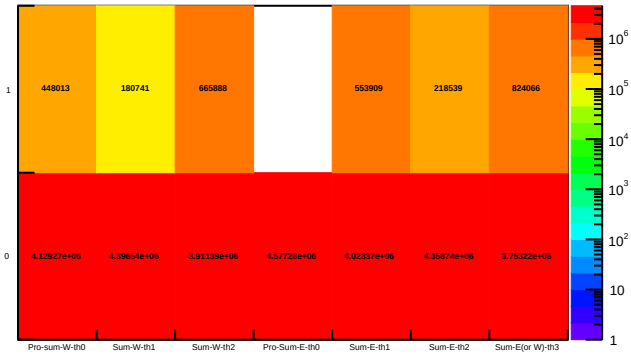
VT201 Input Ch2: ZDC Tac Diff



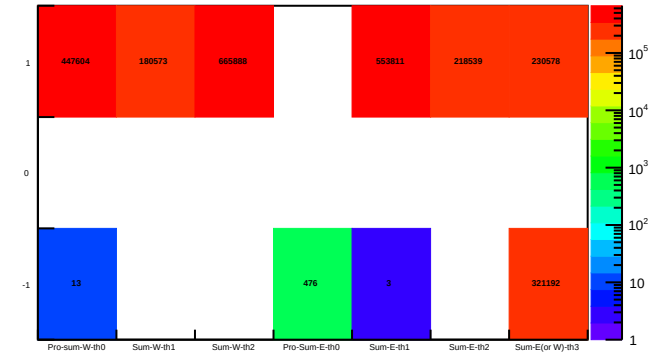
VT201 Input Ch2: ZDC Tac Diff



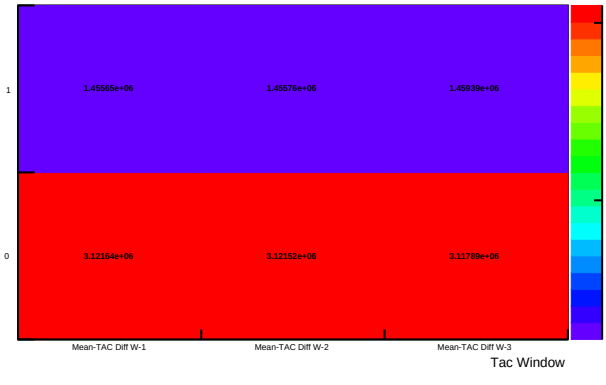
VT201 Input Ch2: ZDC Adc Sum Th



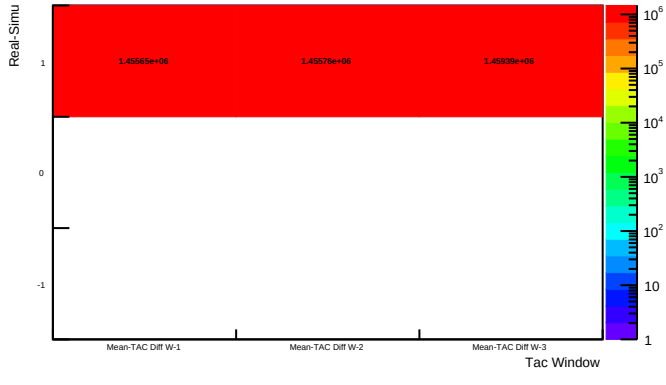
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



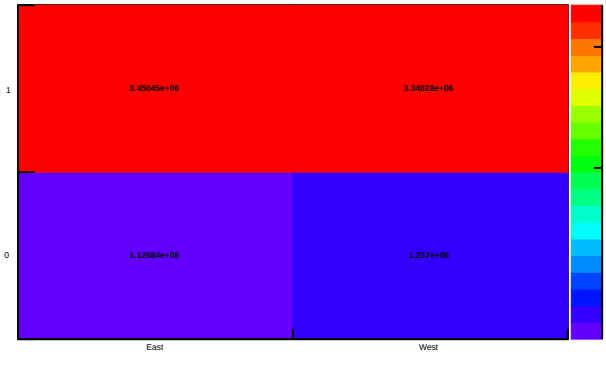
VT201 Input Ch4: VPD Tac Diff



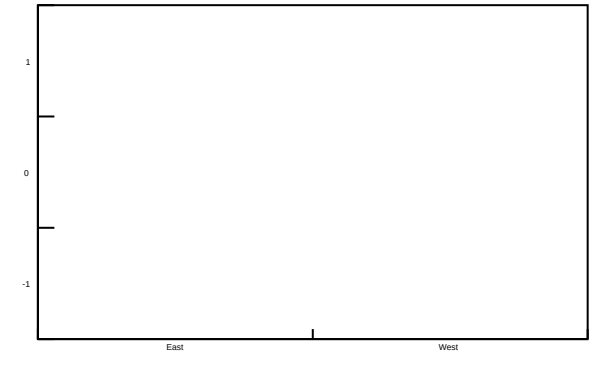
VT201 Input Ch4: VPD Tac Diff

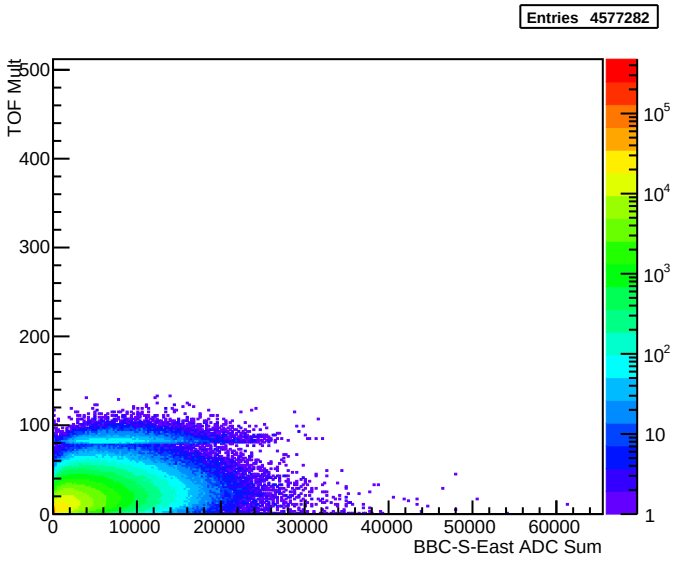


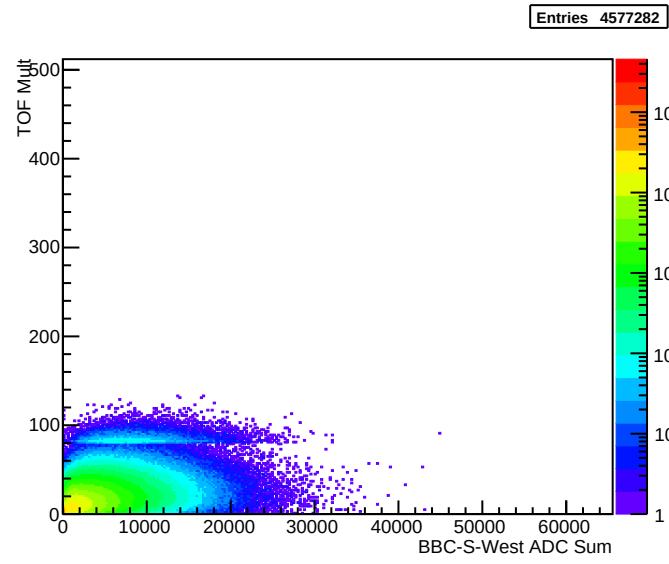
VT201 Input Ch4: VPD Adc Sum Th

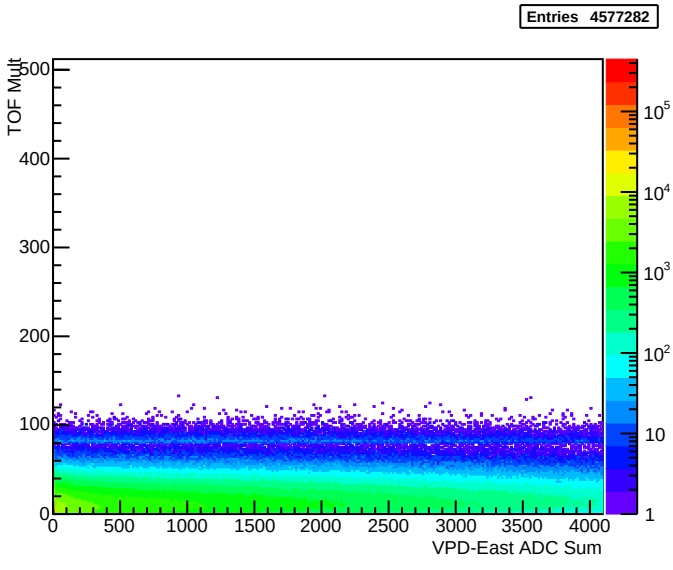


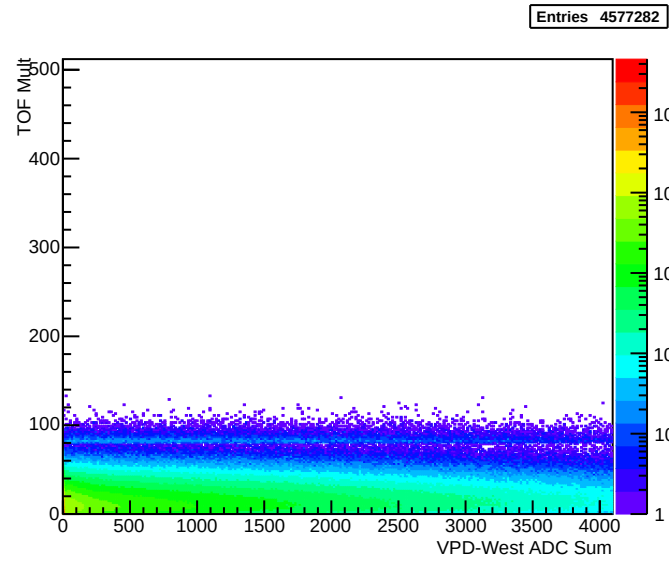
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

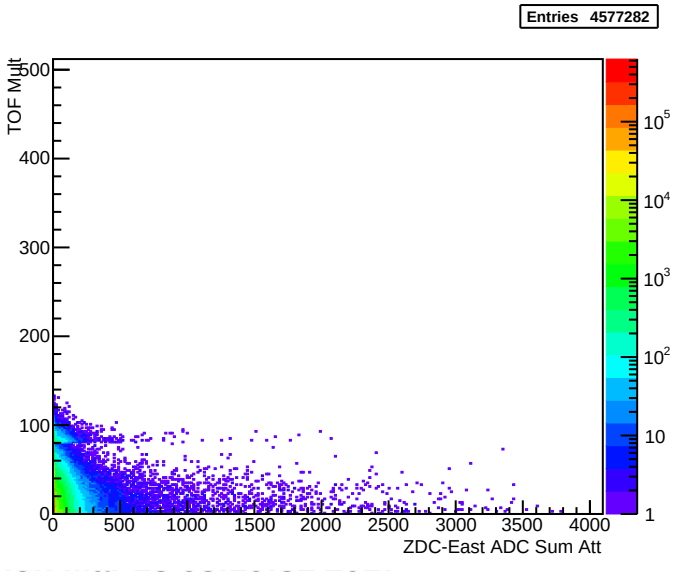


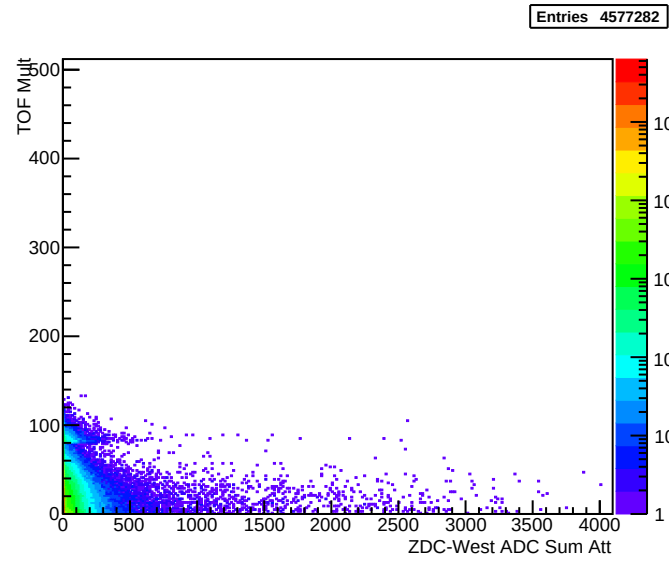

Entries 4577282
TOF Mult
BBC-S-East ADC Sum

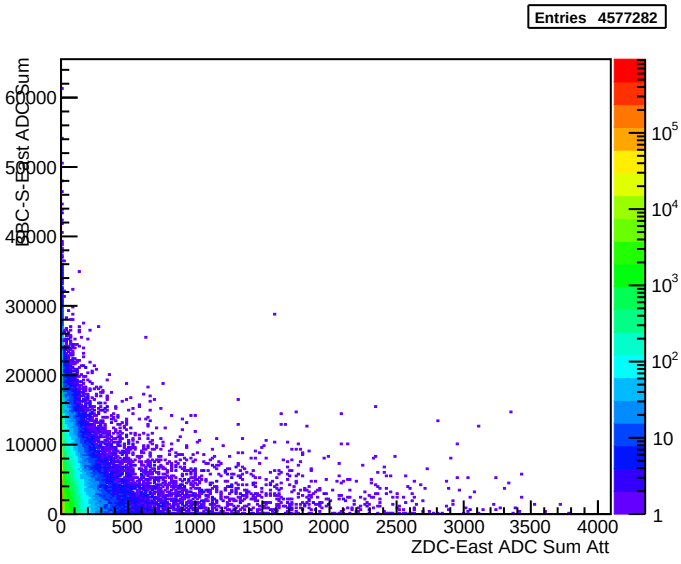

Entries 4577282
TOF Mult
BBC-S-West ADC Sum

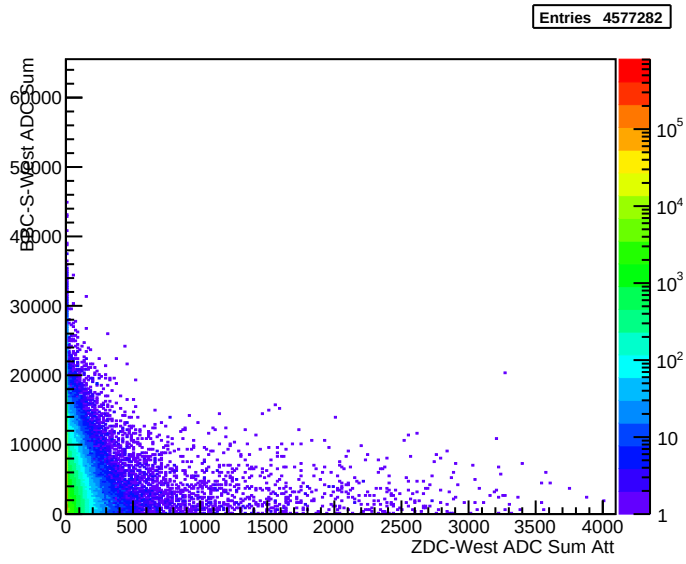

Entries 4577282
TOF Mult
VPD-East ADC Sum

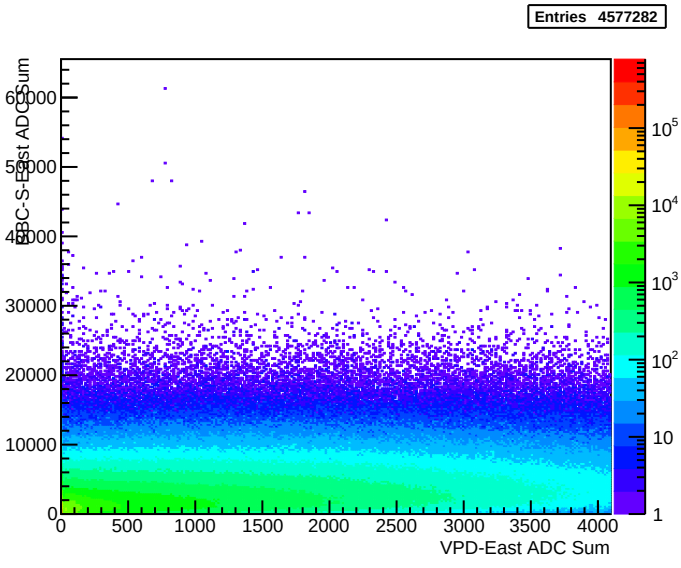

Entries 4577282
TOF Mult
VPD-West ADC Sum

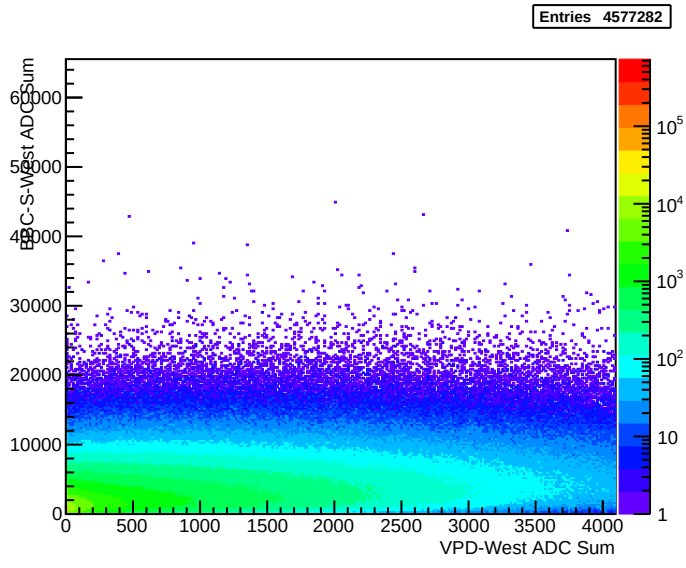

Entries 4577282
TOF Mult
ZDC-East ADC Sum Att

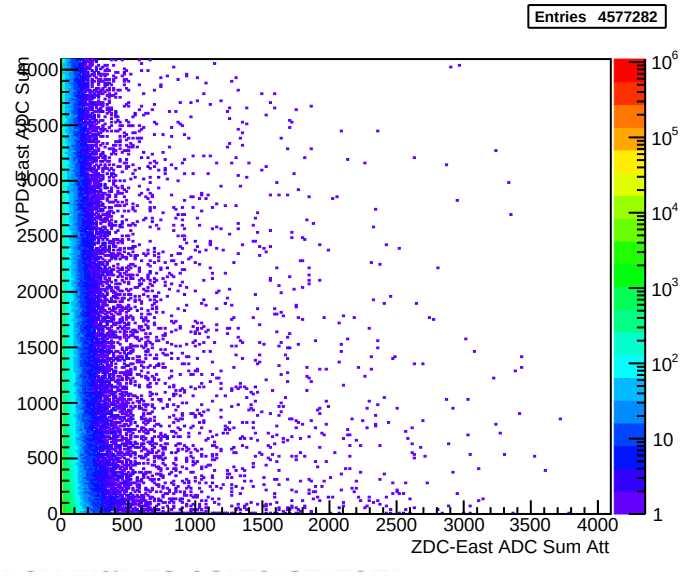

Entries 4577282
TOF Mult
ZDC-West ADC Sum Att

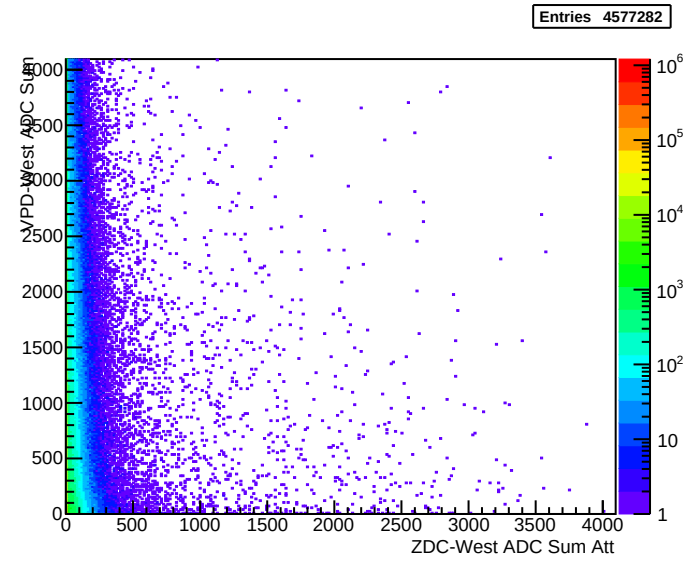

Entries 4577282
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

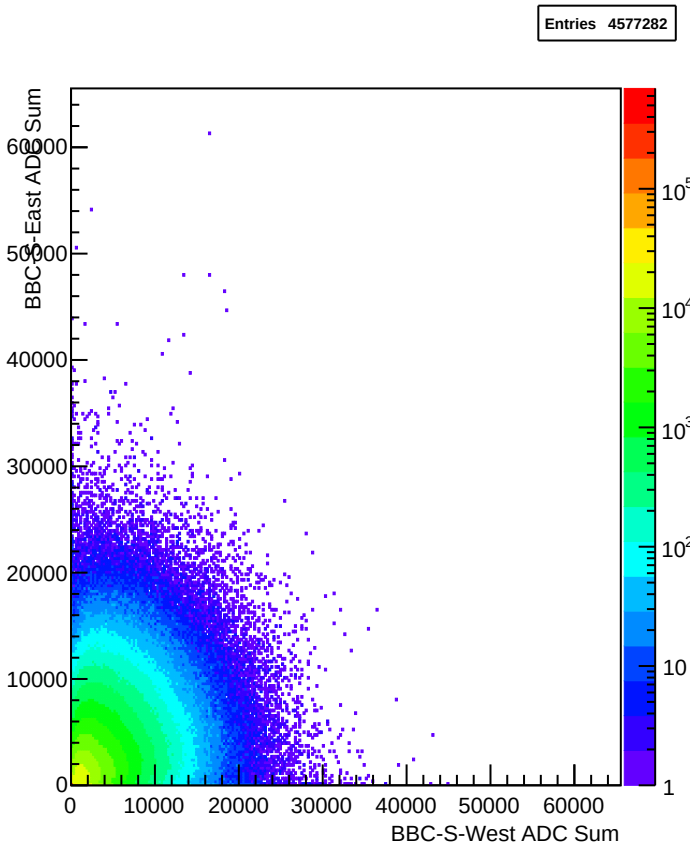

Entries 4577282
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

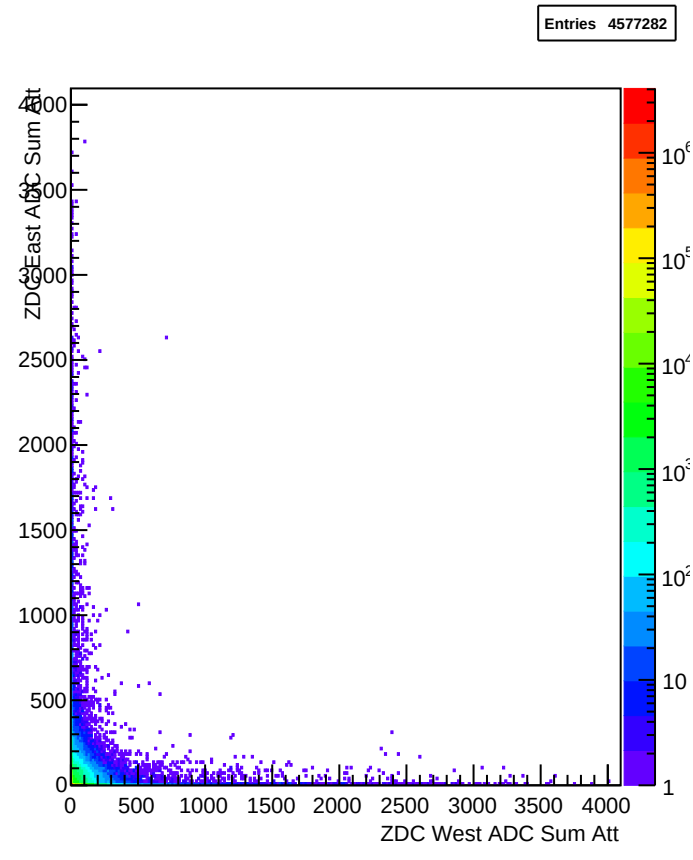

Entries 4577282
BBC-S-East ADC Sum
VPD-East ADC Sum

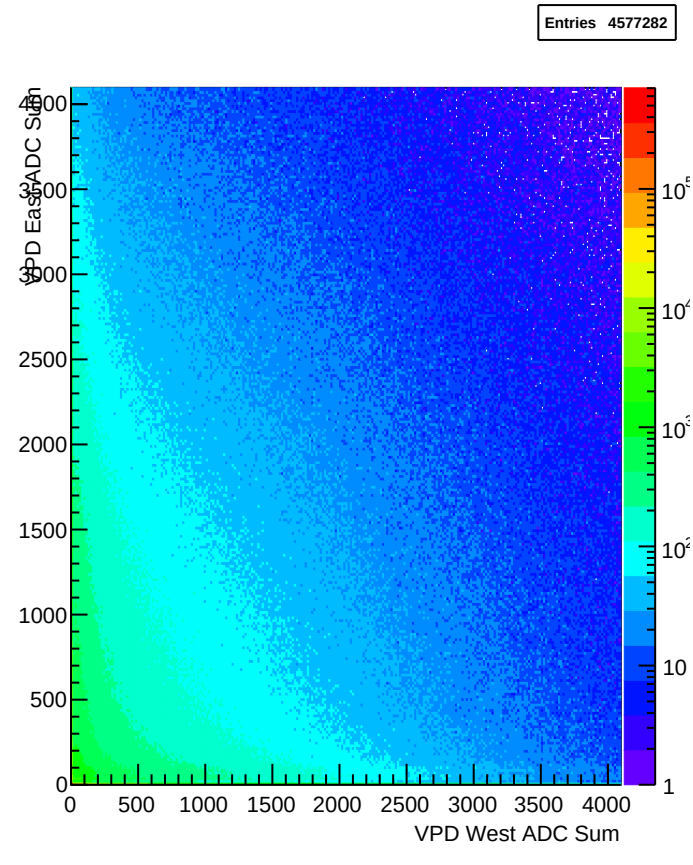

Entries 4577282
BBC-S-West ADC Sum
VPD-West ADC Sum

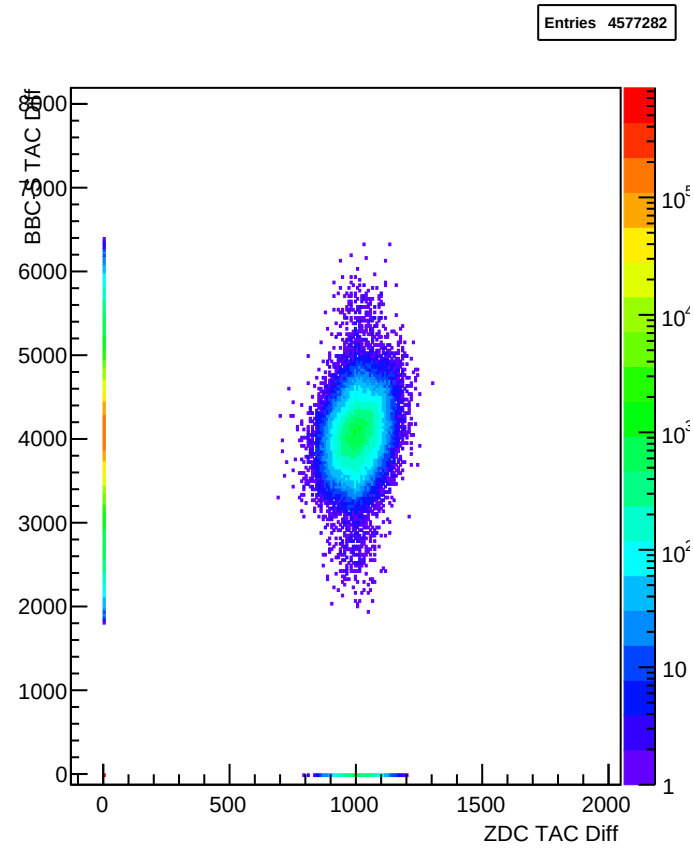

Entries 4577282
VPD-East ADC Sum
ZDC-East ADC Sum Att

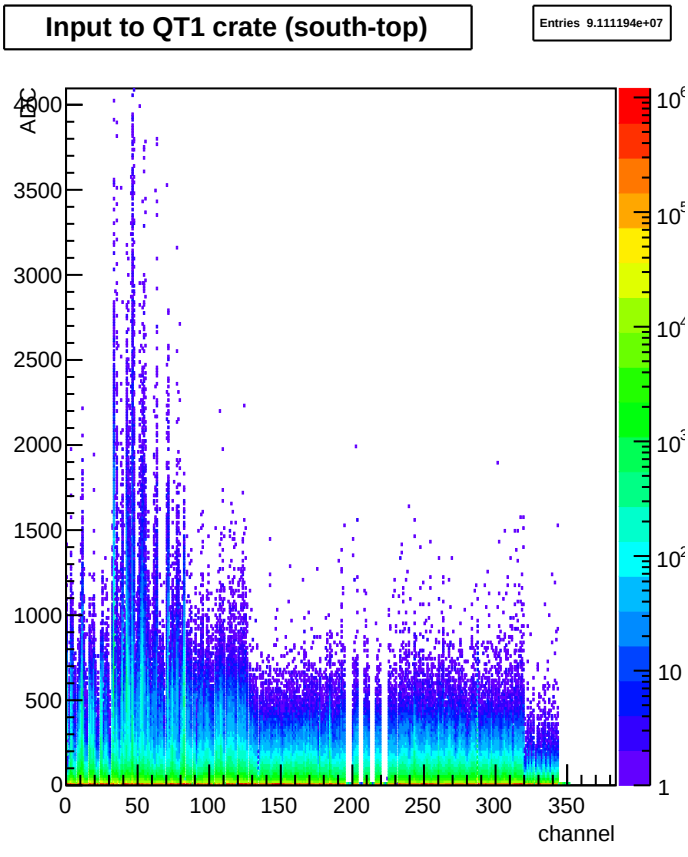

Entries 4577282
VPD-West ADC Sum
ZDC-West ADC Sum Att

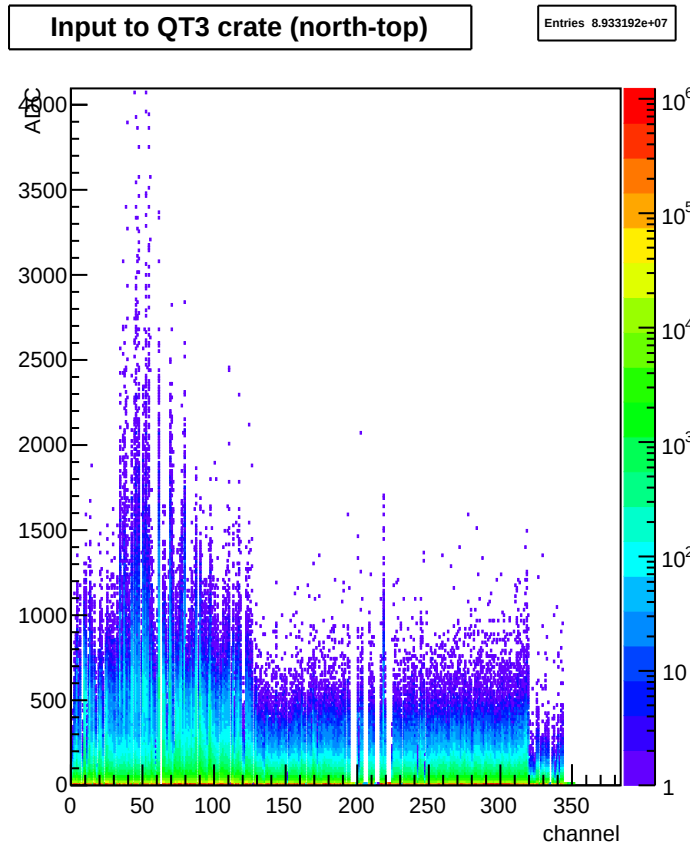

Entries 4577282
BBC-S-East ADC Sum
BBC-S-West ADC Sum

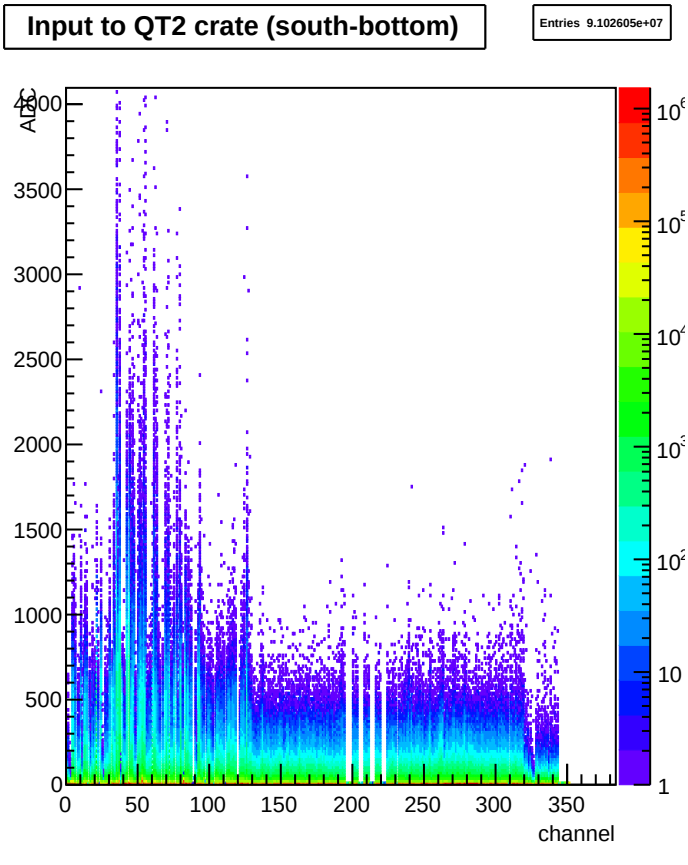

Entries 4577282
ZDC East ADC Sum Att
ZDC West ADC Sum Att

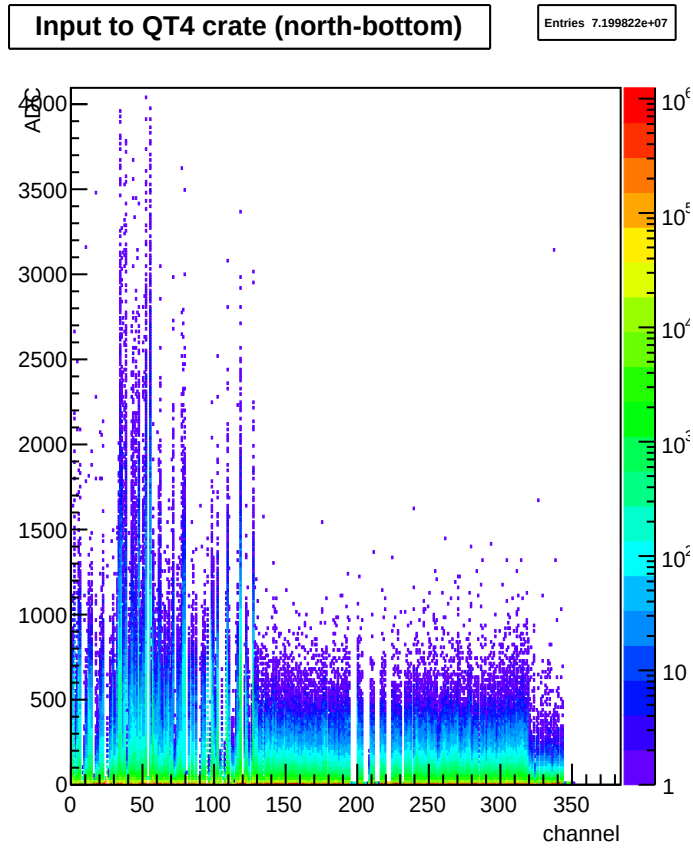

Entries 4577282
VPD East ADC Sum
VPD West ADC Sum

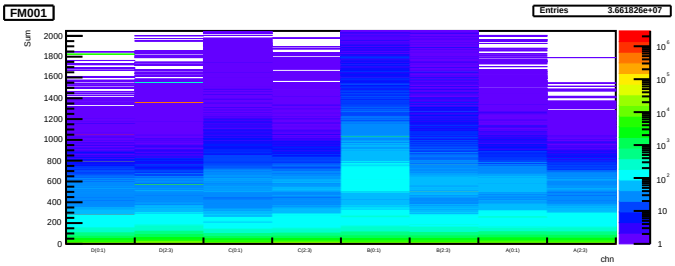

Entries 4577282
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 9.111194e+07
ADC
channel


Input to QT3 crate (north-top)
Entries 8.933192e+07
ADC
channel


Input to QT2 crate (south-bottom)
Entries 9.102605e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 7.199822e+07
ADC
channel


FM001
Entries 3.661826e+07
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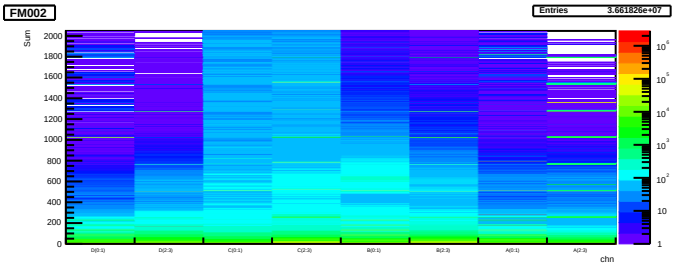
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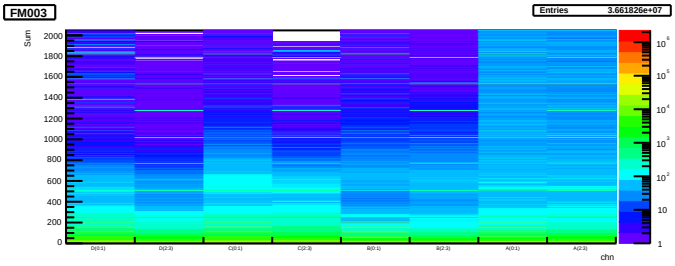
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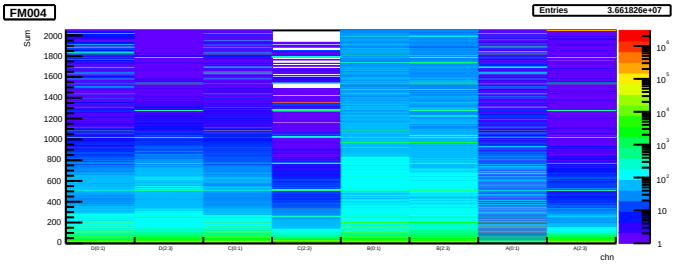
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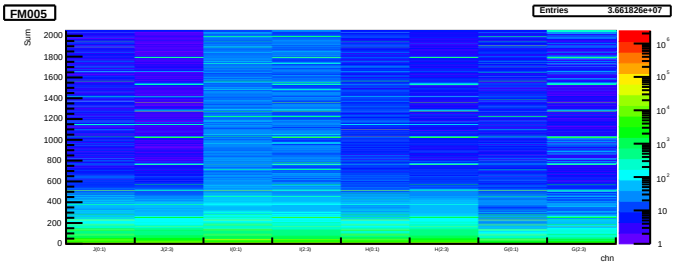
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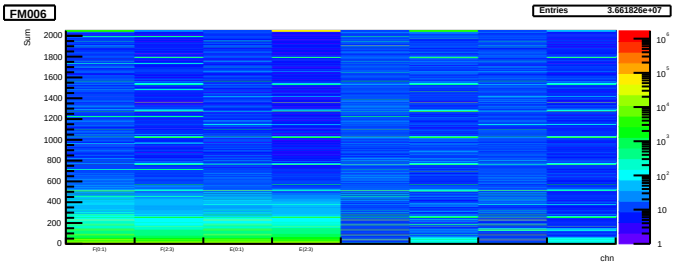
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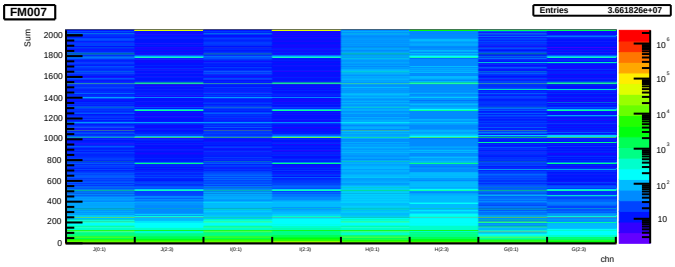
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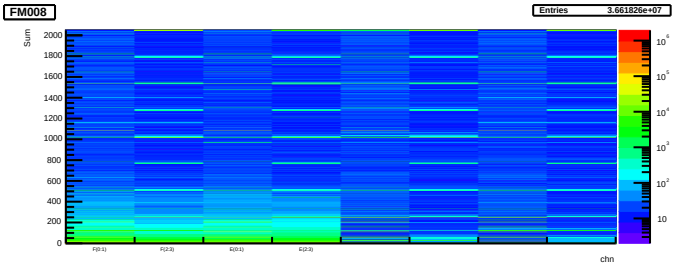
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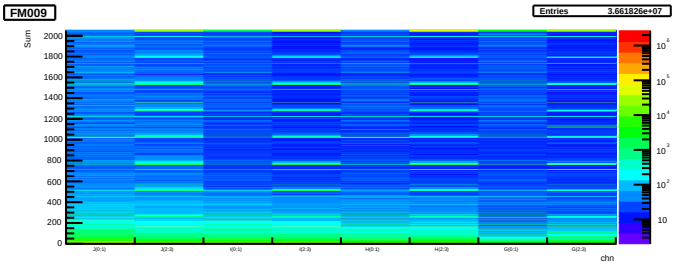
FM009
Entries 3.661826e+07
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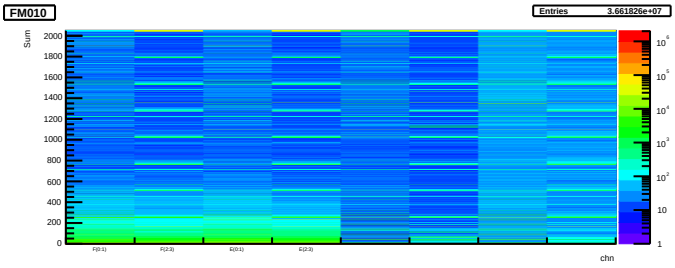
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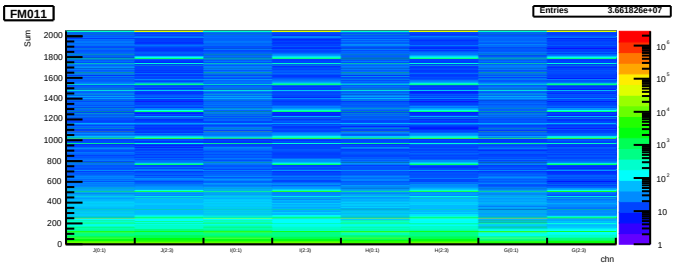
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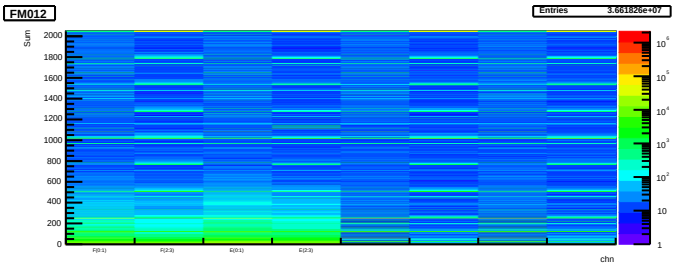
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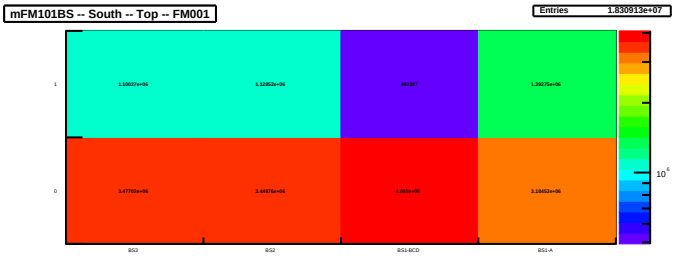
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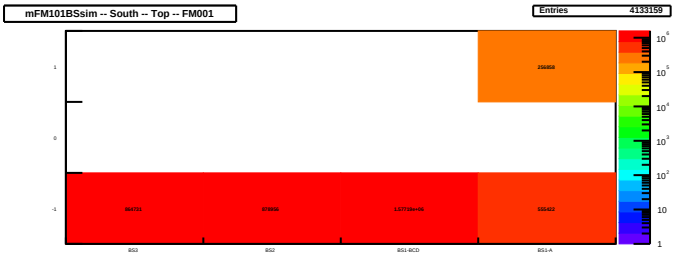
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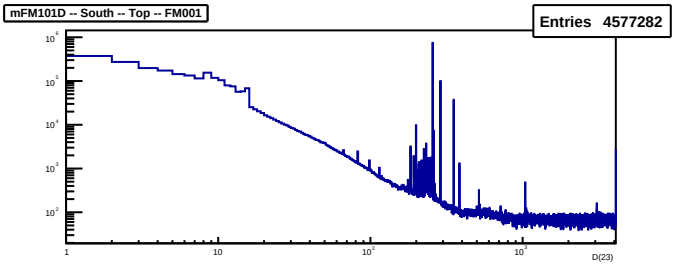
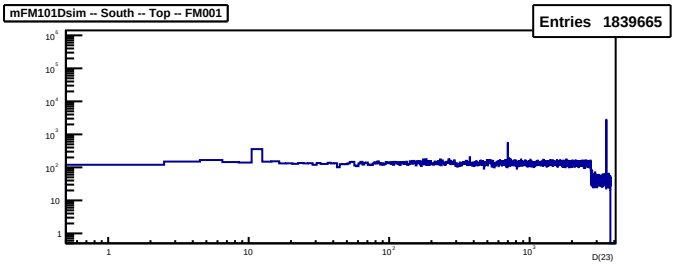

mFM101D -- South -- Top -- FM001
Entries 4577282
D(23)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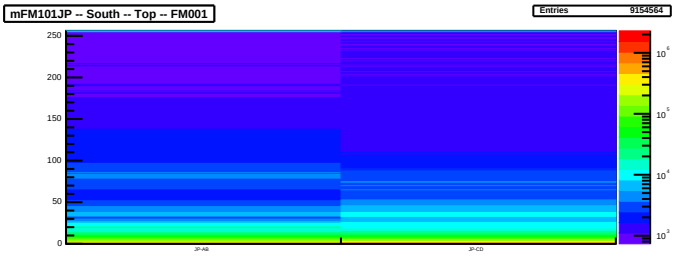
D(23)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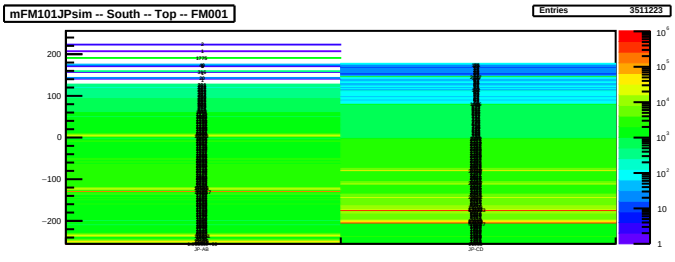
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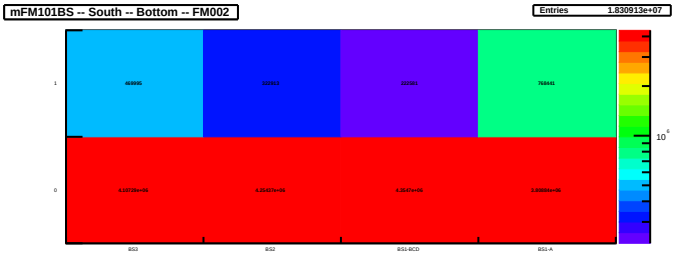
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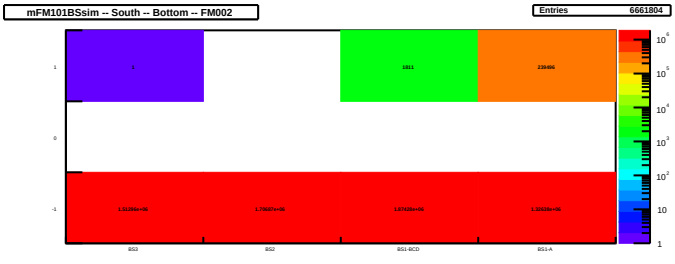
Entries 1.830913e+07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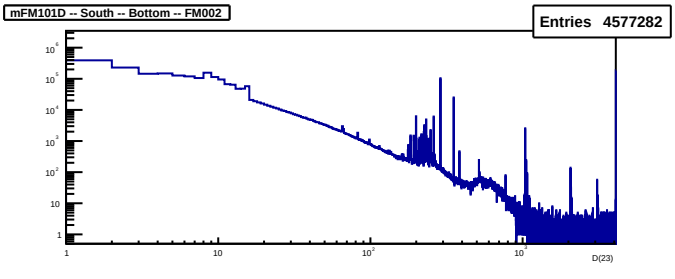
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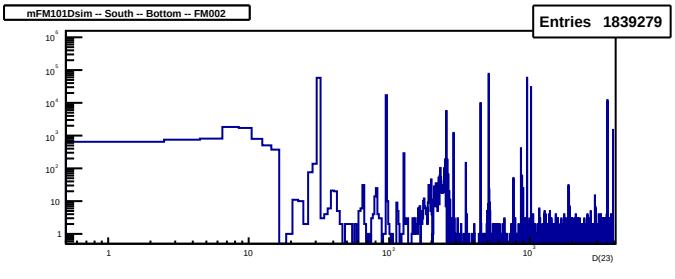
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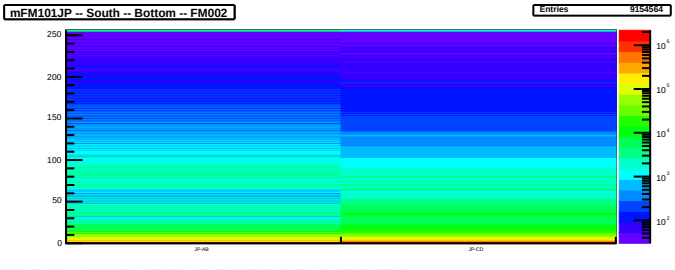
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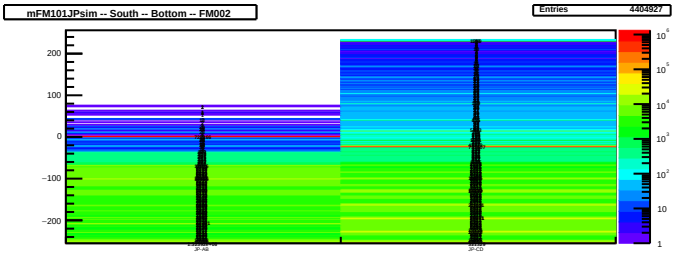
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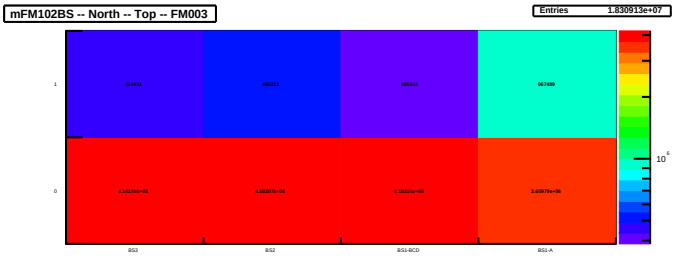
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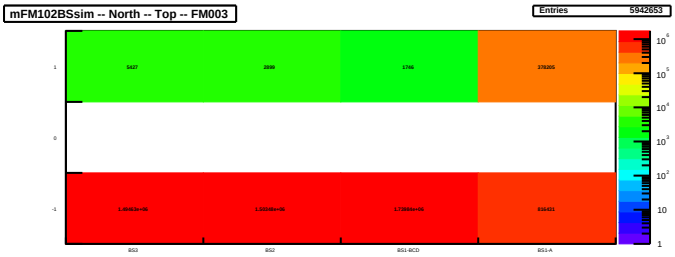
Entries 1.830913e+07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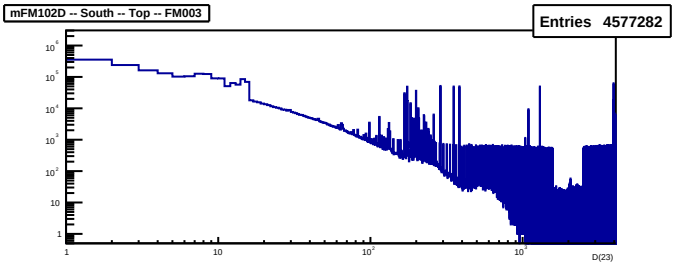
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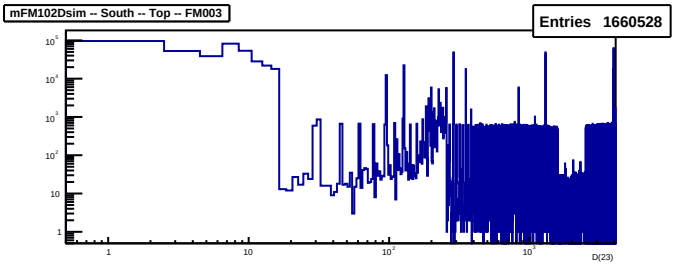
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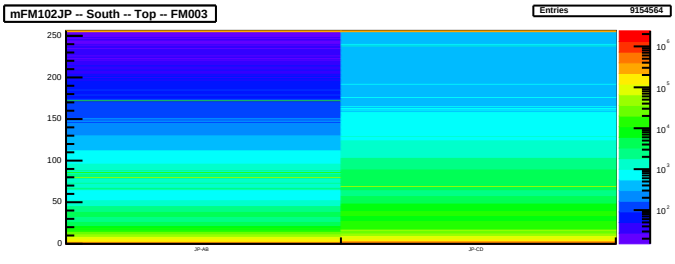
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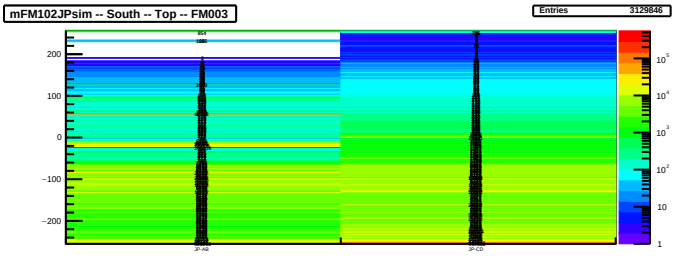
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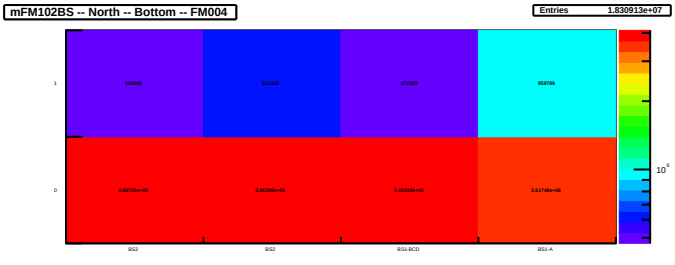
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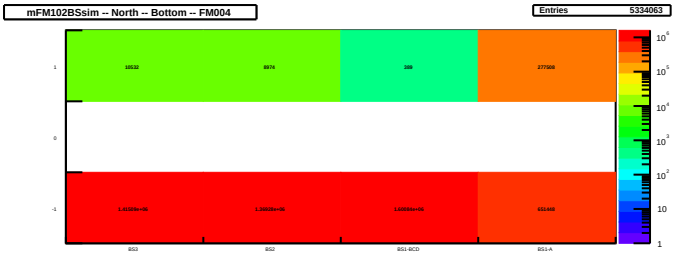
Entries 1.830913e+07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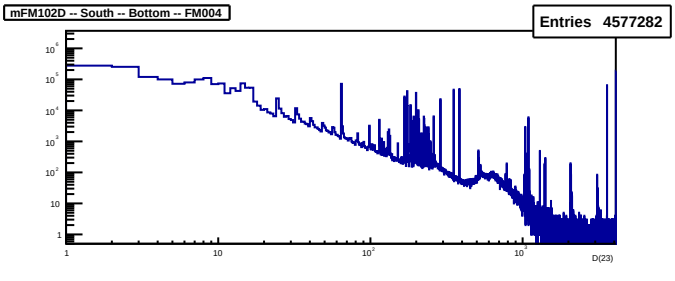
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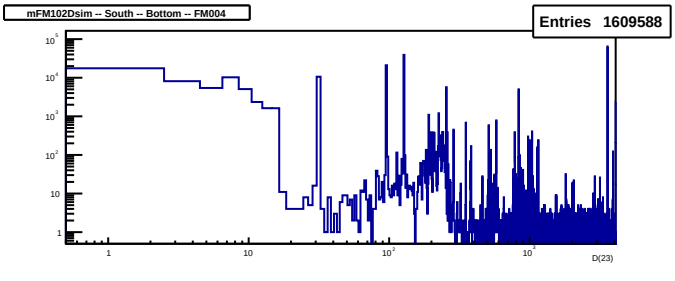
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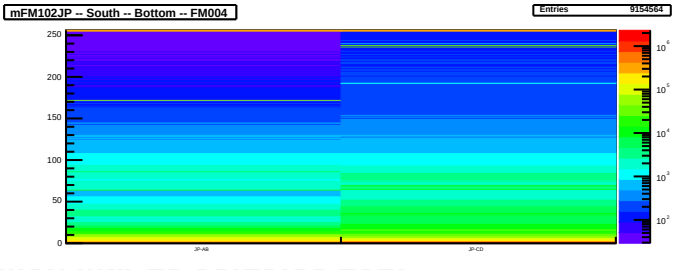
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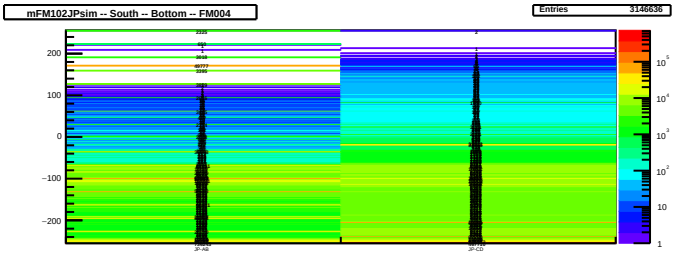
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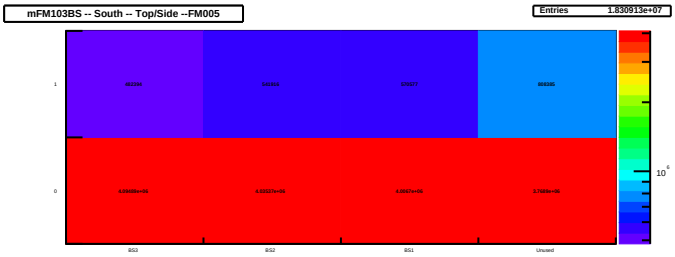
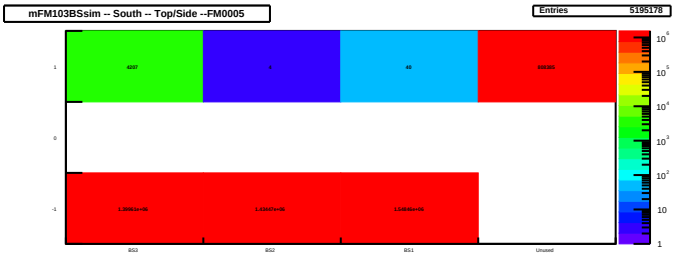

mFM103BS -- South -- Top/Side --FM005
Entries 1.830913e+07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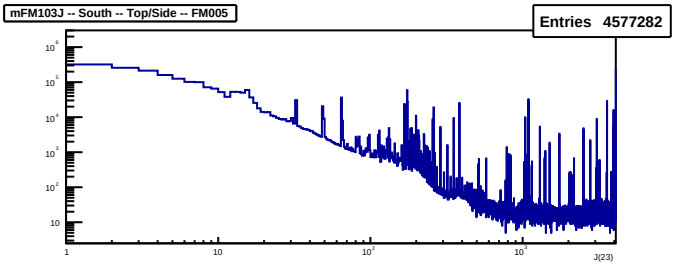
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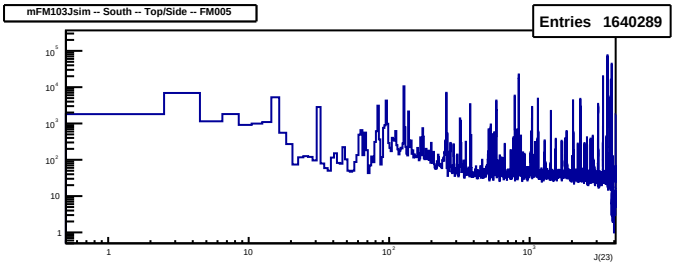
J(23)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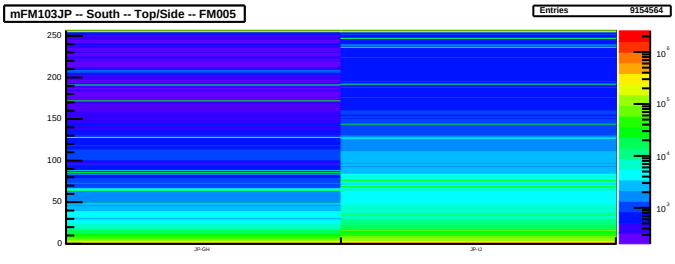
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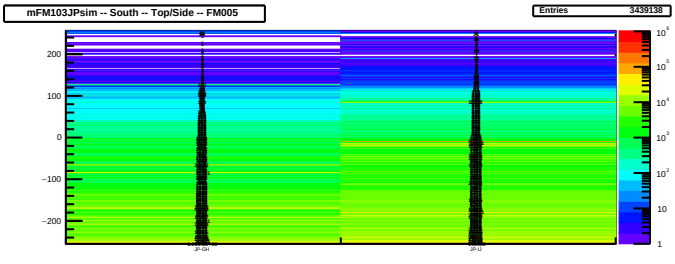
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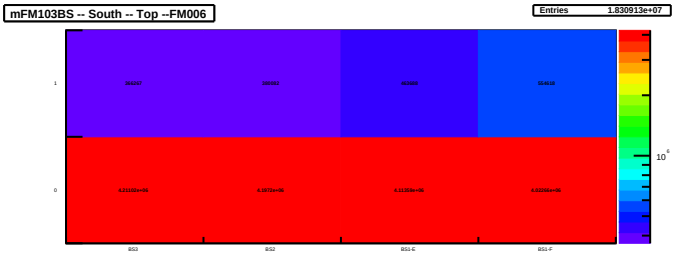
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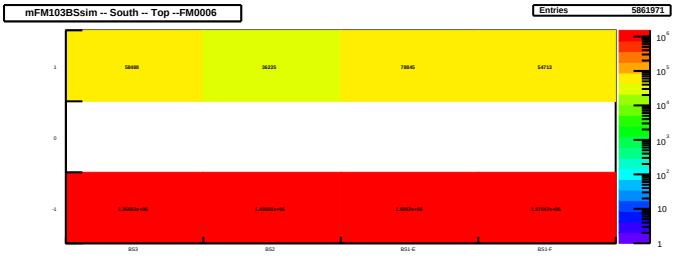
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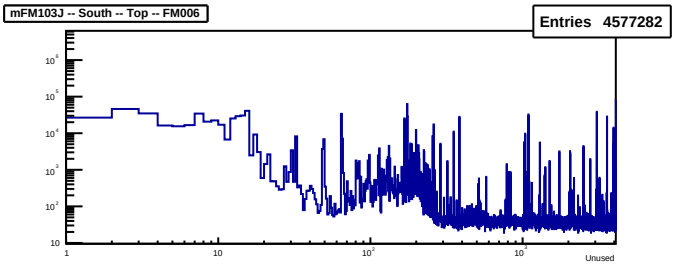
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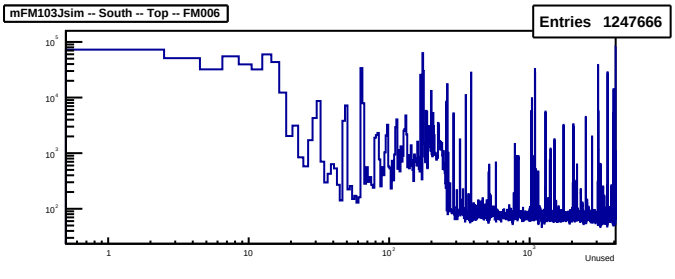
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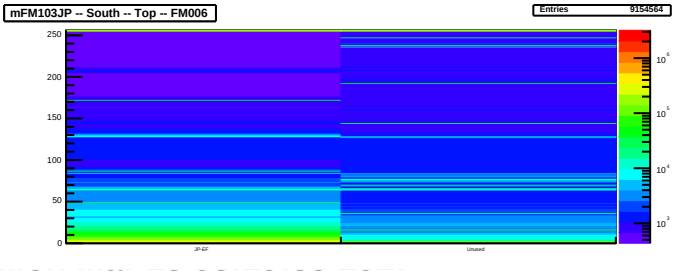
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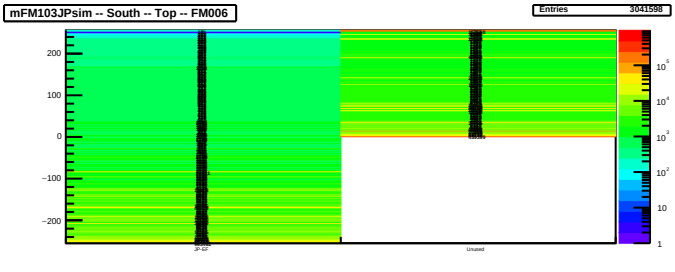
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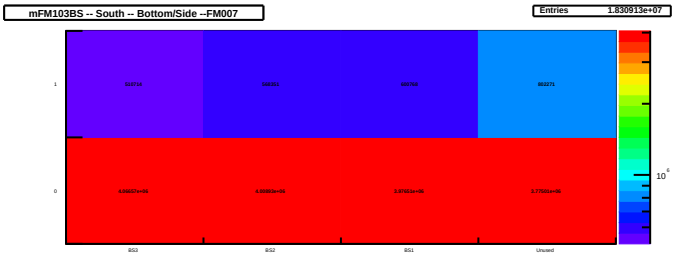
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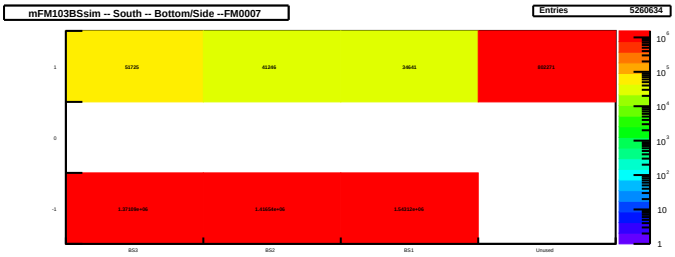
Entries 1.830913e+07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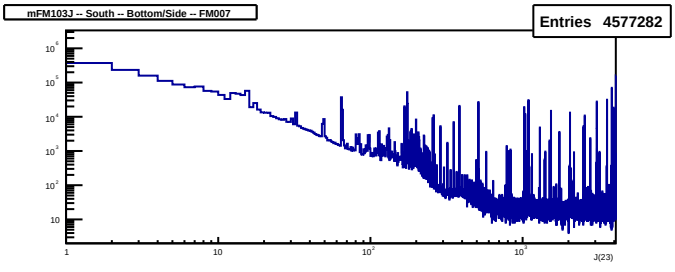
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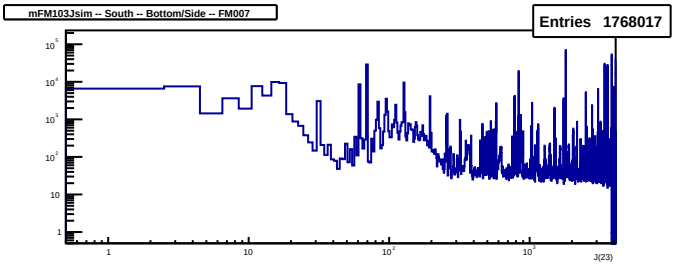
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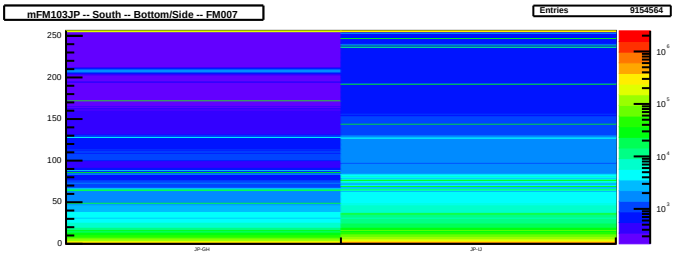
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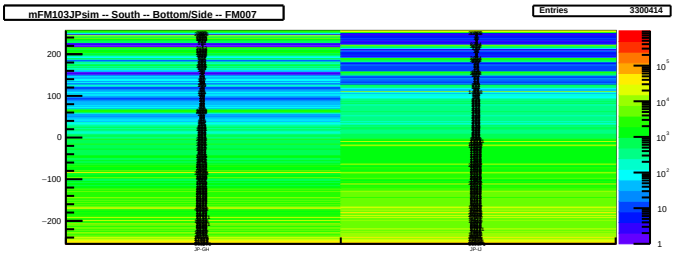
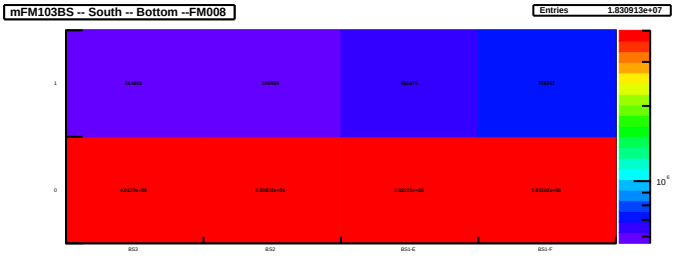
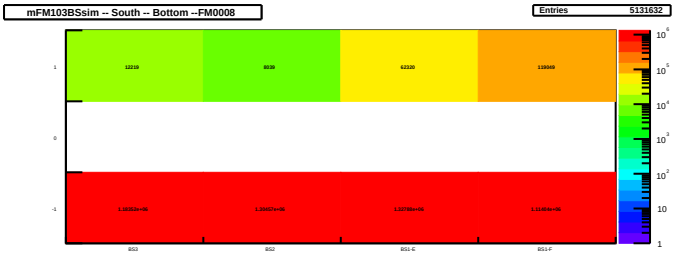
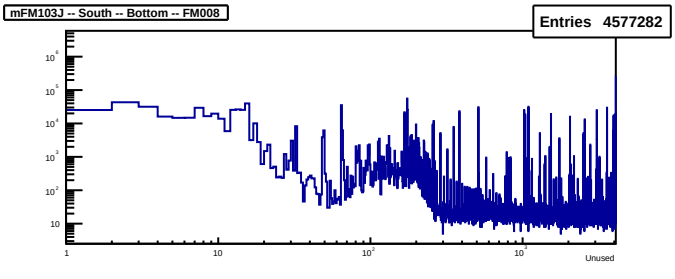
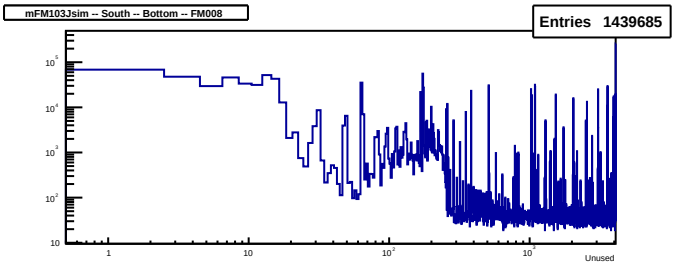
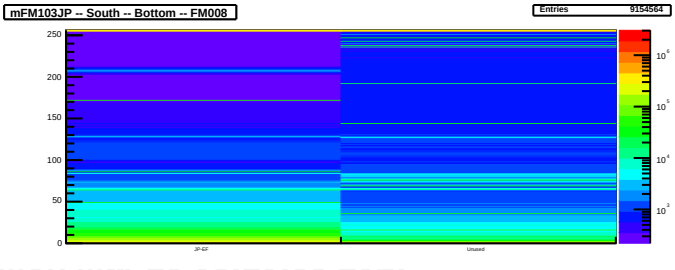

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3300414

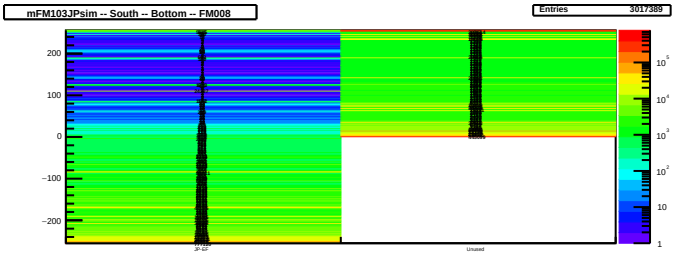

mFM103BS -- South -- Bottom --FM008
Entries 1.830913e+07

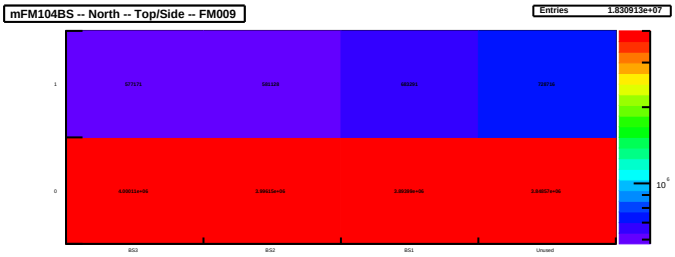

mFM103BSsim -- South -- Bottom --FM0008
Entries 5131632

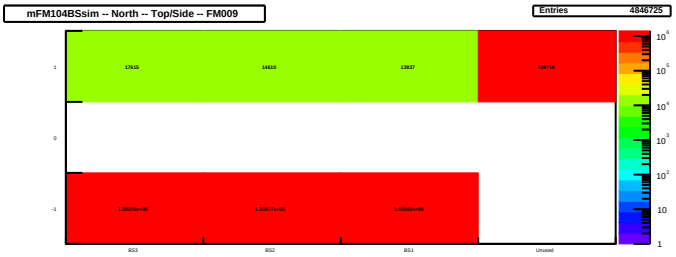

mFM103J -- South -- Bottom -- FM008
Entries 4577282
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 1439685
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 9154564


mFM103JPsim -- South -- Bottom -- FM008
Entries 3017389


mFM104BS -- North -- Top/Side -- FM009
Entries 1.830913e+07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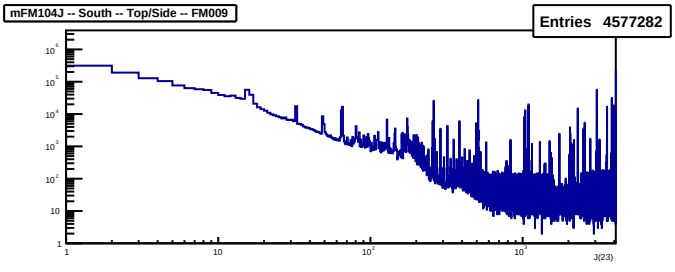
Entries 4846725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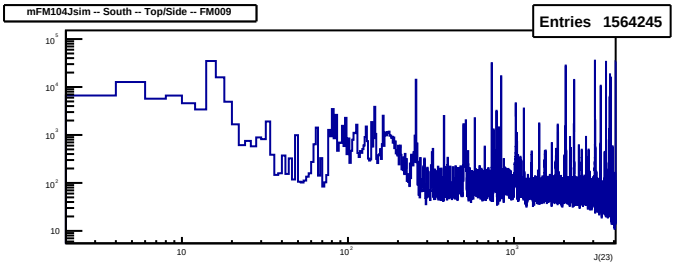
Entries 4577282
J(23)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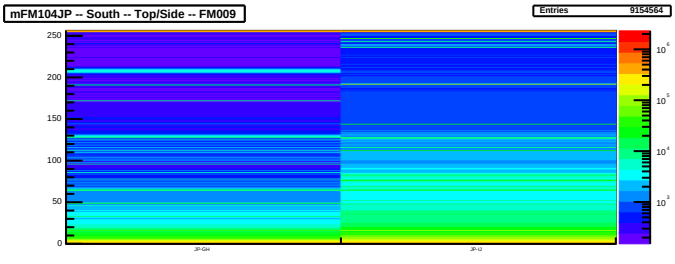
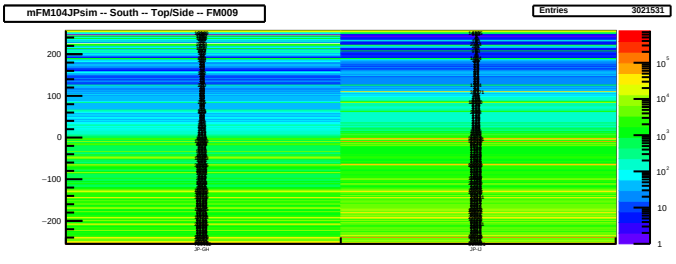
Entries 1564245
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9154564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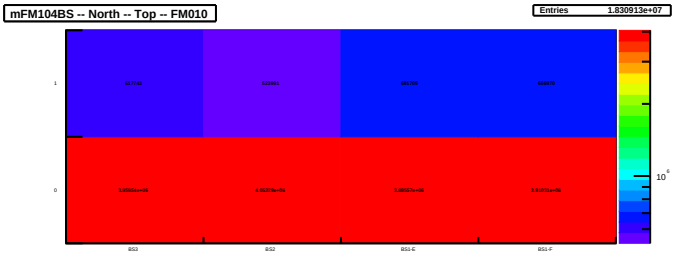
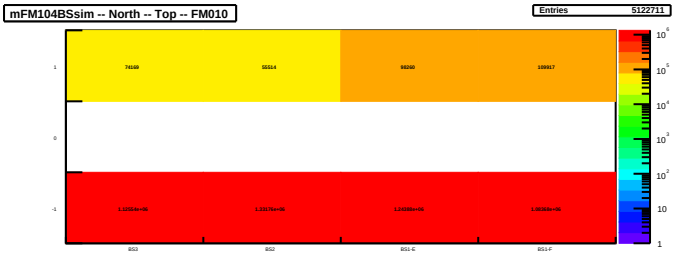
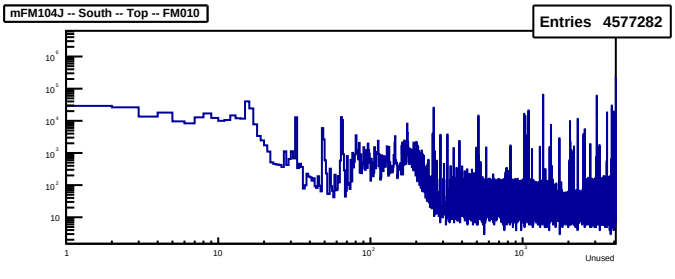
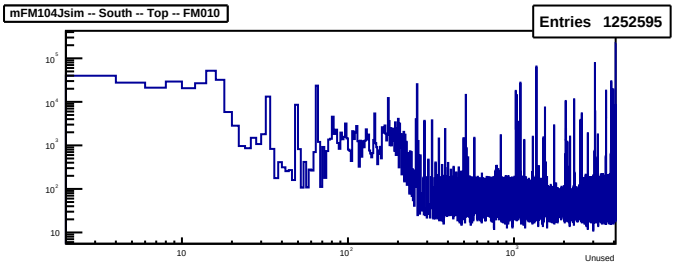
Entries 3021531


mFM104BS -- North -- Top -- FM010
Entries 1.830913e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5122711


mFM104J -- South -- Top -- FM010
Entries 4577282
Unused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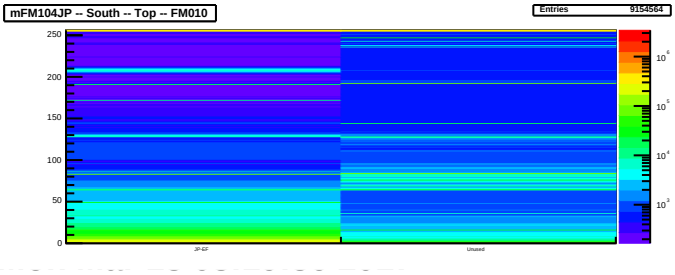
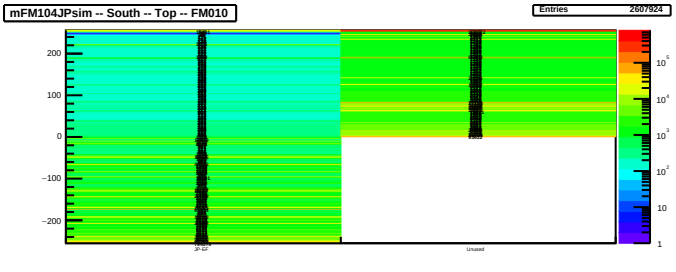
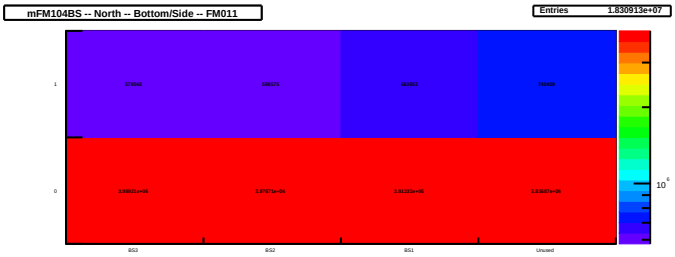
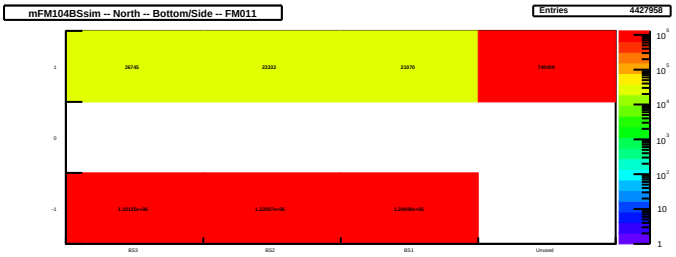
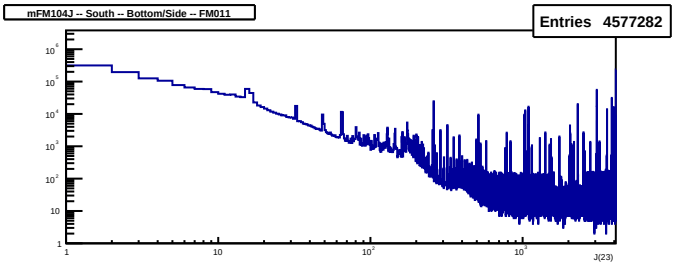
Entries 1252595
Unused

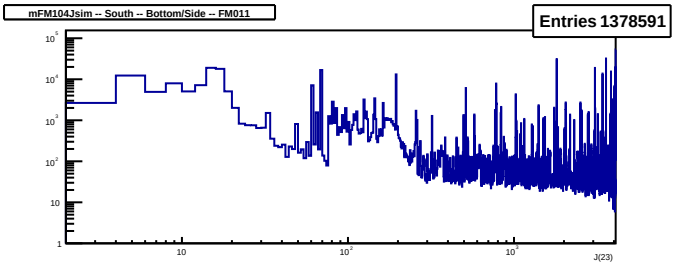

mFM104JP -- South -- Top -- FM010
Entries 9154564

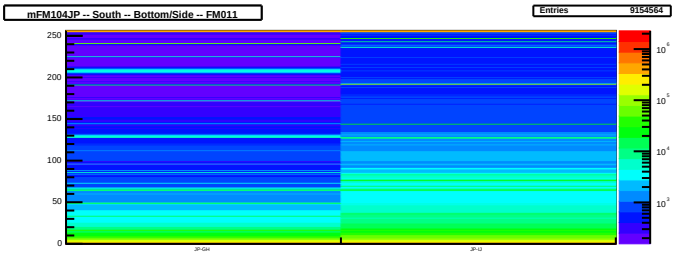

mFM104JPsim -- South -- Top -- FM010
Entries 2607924

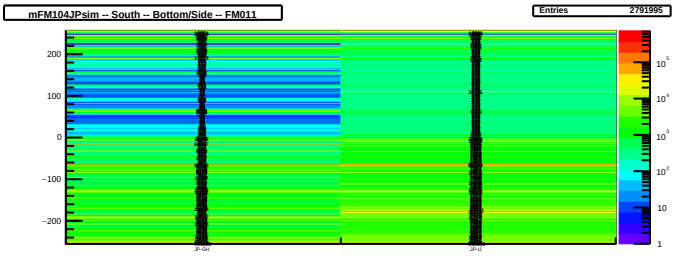

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.830913e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4427958


mFM104J -- South -- Bottom/Side -- FM011
Entries 4577282
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1378591
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 9154564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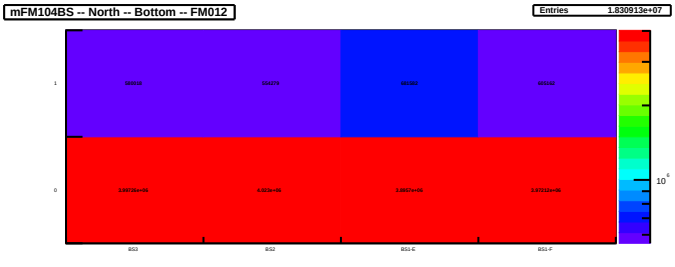
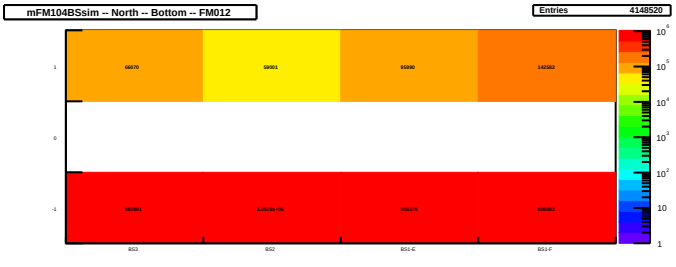
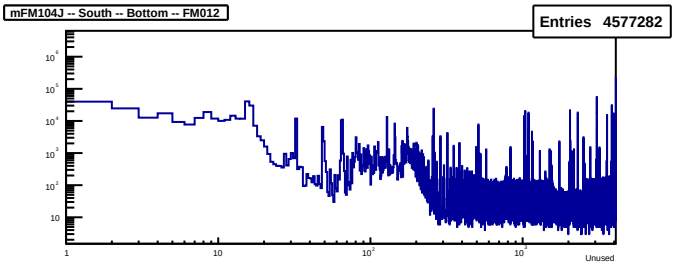
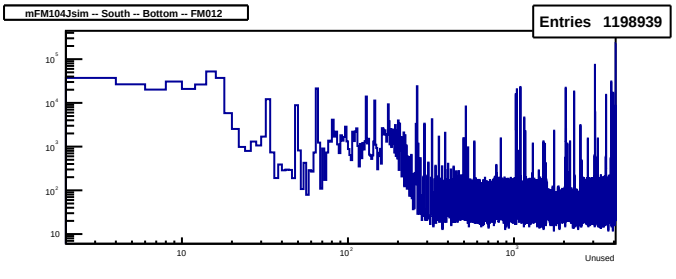
Entries 2791995


mFM104BS -- North -- Bottom -- FM012
Entries 1.830913e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 4148520


mFM104J -- South -- Bottom -- FM012
Entries 4577282
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1198939
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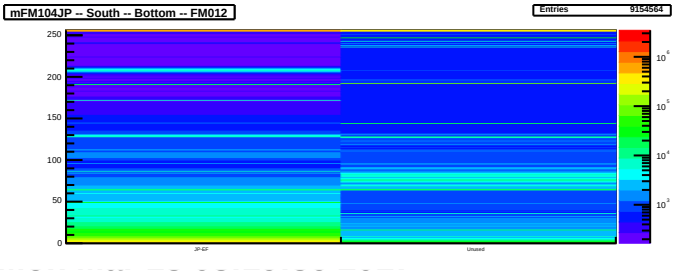
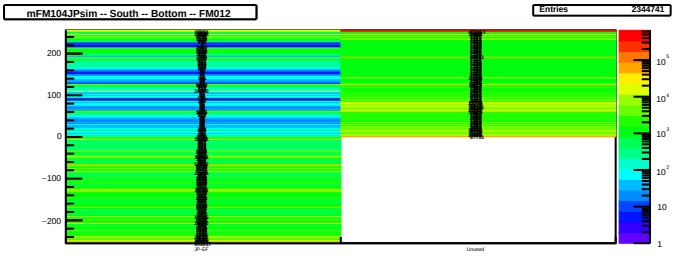
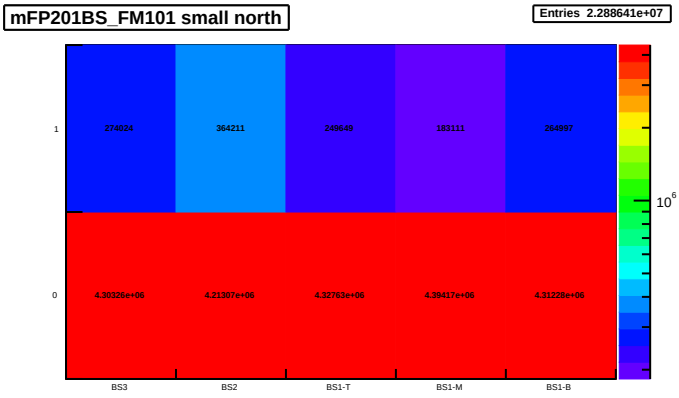
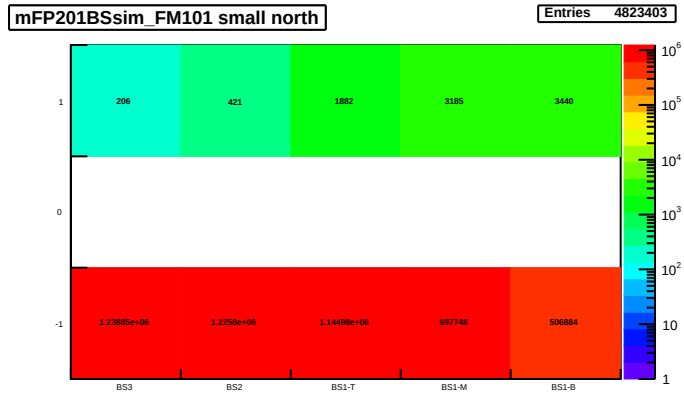

mFM104JP -- South -- Bottom -- FM012
Entries 9154564


mFM104JPsim -- South -- Bottom -- FM012
Entries 2344741


mFP201BS_FM101 small north
Entries 2.288641e+07
1
0
274024
364211
249649
183111
264997
4.30326e+06
4.21307e+06
4.32763e+06
4.39417e+06
4.31228e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 4823403
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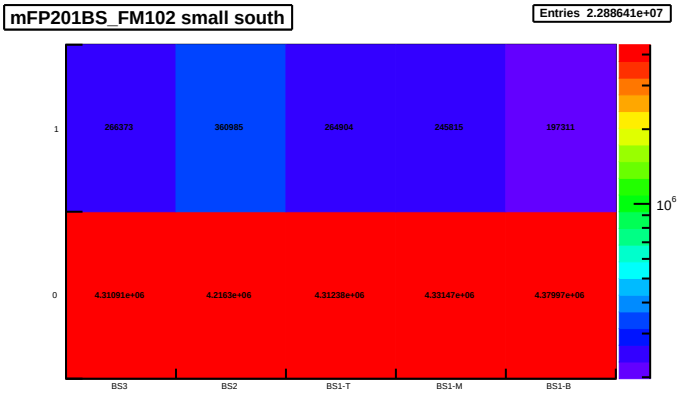
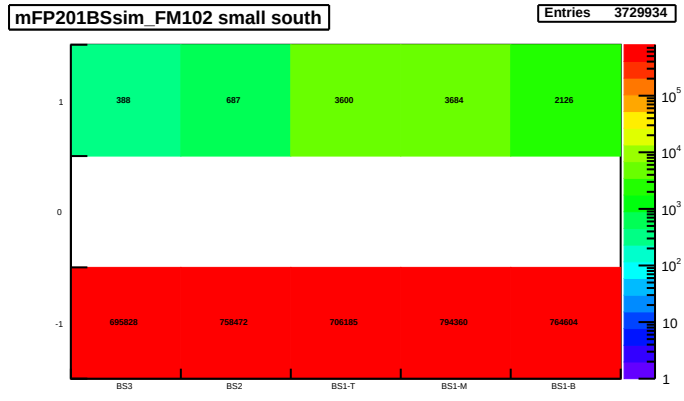
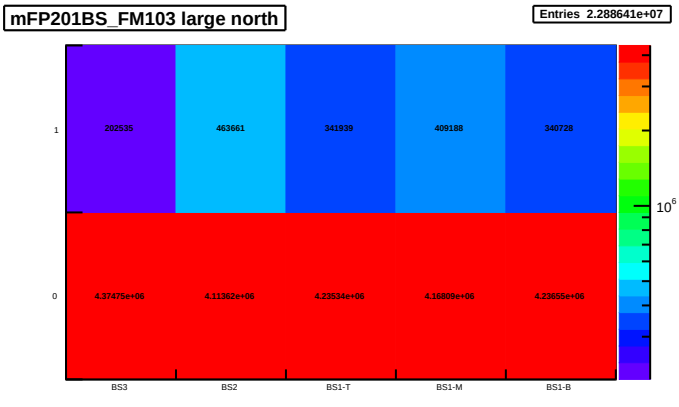
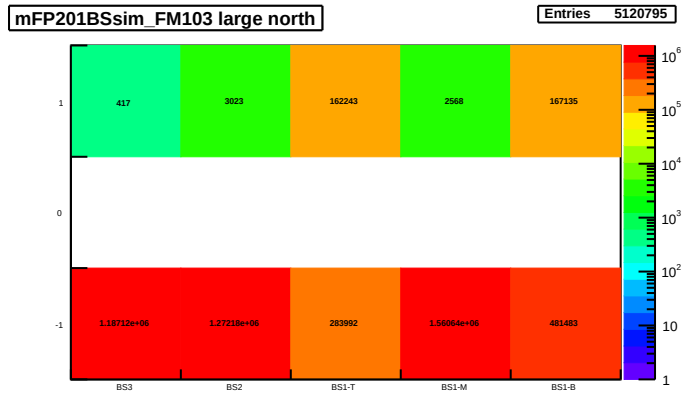
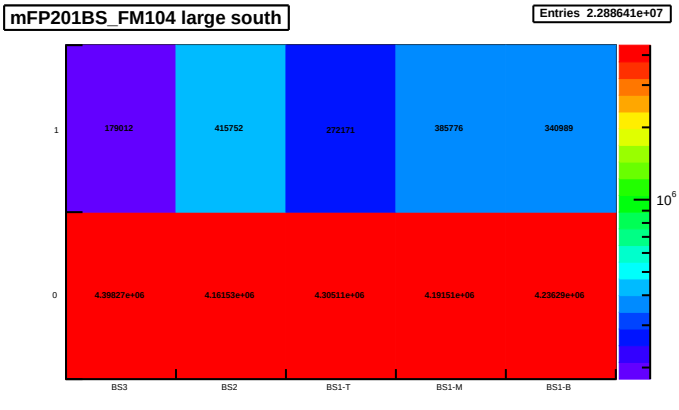
0
-1
206
421
1882
3185
3440
1.23885e+06
1.2258e+06
1.14498e+06
697748
506884
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

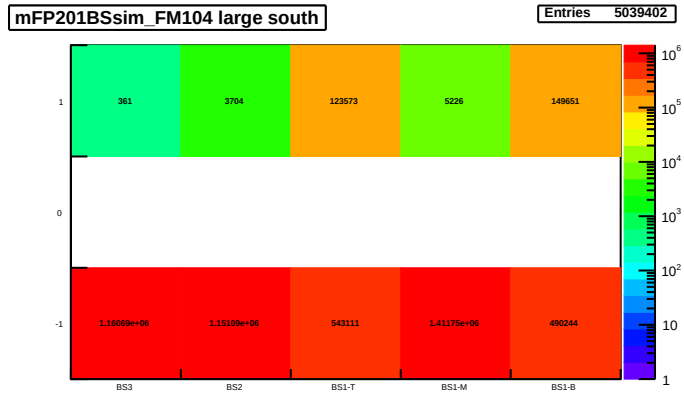

mFP201BS_FM102 small south
Entries 2.288641e+07
1
0
266373
360985
264904
245815
197311
4.31091e+06
4.2163e+06
4.31238e+06
4.33147e+06
4.37997e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

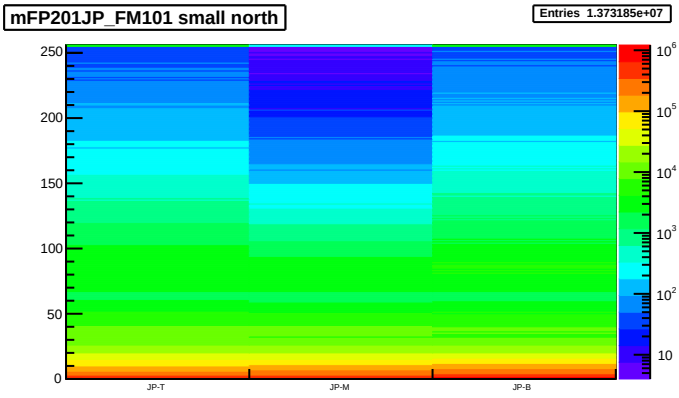

mFP201BSsim_FM102 small south
Entries 3729934
1
0
-1
388
687
3600
3684
2126
695828
758472
706185
794360
764604
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

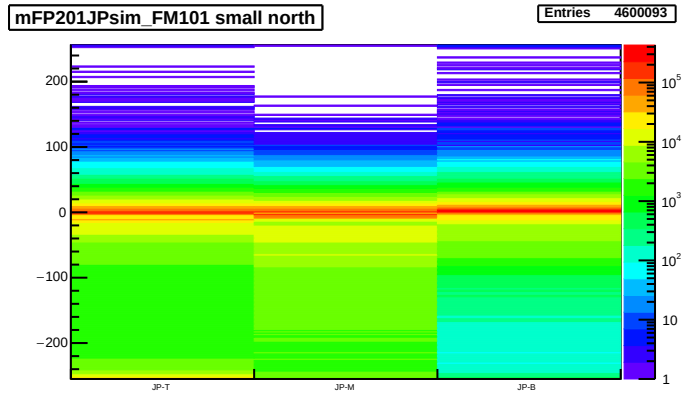

mFP201BS_FM103 large north
Entries 2.288641e+07
1
0
202535
463661
341939
409188
340728
4.37475e+06
4.11362e+06
4.23534e+06
4.16809e+06
4.23655e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

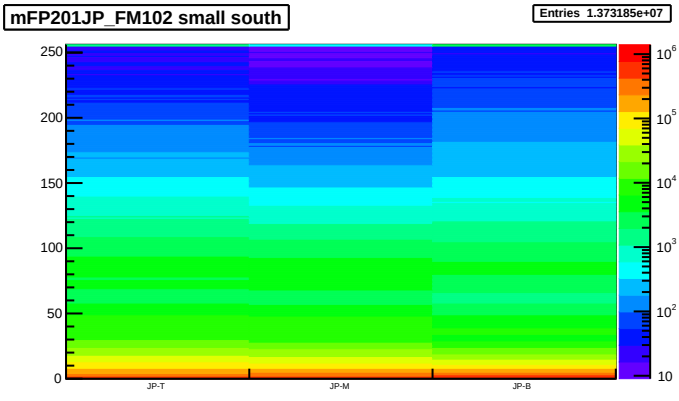

mFP201BSsim_FM103 large north
Entries 5120795
1
0
-1
417
3023
162243
2568
167135
1.18712e+06
1.27218e+06
283992
1.56064e+06
481483
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

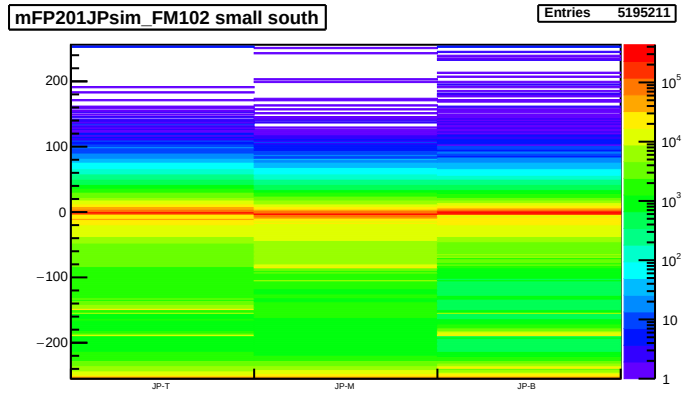

mFP201BS_FM104 large south
Entries 2.288641e+07
1
0
179012
415752
272171
385776
340989
4.39827e+06
4.16153e+06
4.30511e+06
4.19151e+06
4.23629e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

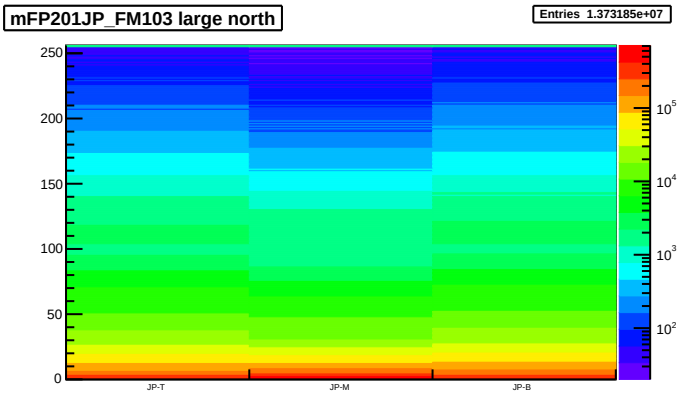

mFP201BSsim_FM104 large south
Entries 5039402
1
0
-1
361
3704
123573
5226
149651
1.16069e+06
1.15109e+06
543111
1.41175e+06
490244
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

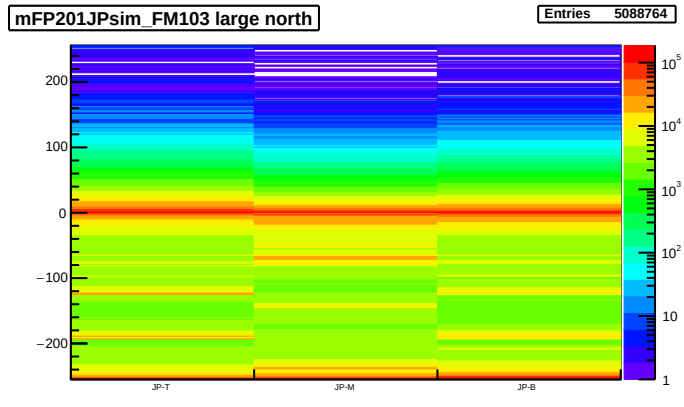

mFP201JP_FM101 small north
Entries 1.373185e+07
JP-T
JP-M
JP-B

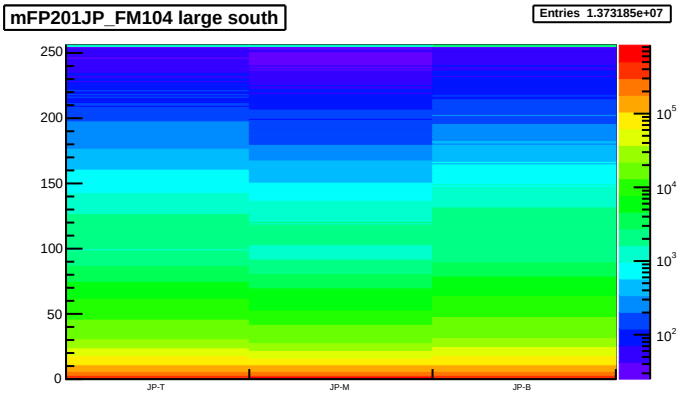

mFP201JPsim_FM101 small north
Entries 4600093
JP-T
JP-M
JP-B

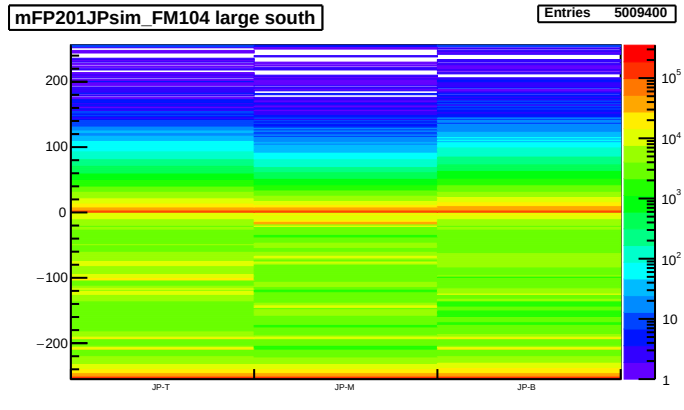

mFP201JP_FM102 small south
Entries 1.373185e+07
JP-T
JP-M
JP-B

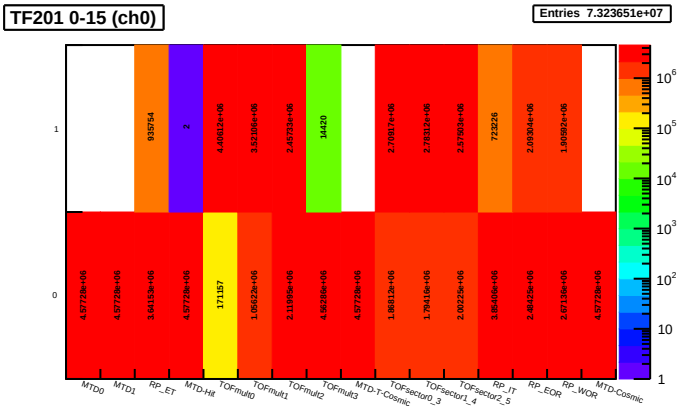

mFP201JPsim_FM102 small south
Entries 5195211
JP-T
JP-M
JP-B


mFP201JP_FM103 large north
Entries 1.373185e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 5088764
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.373185e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5009400
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.323651e+07
935754
2
4.40812e+06
3.52105e+06
2.45733e+06
14420
2.79917e+06
2.78312e+06
2.57503e+06
723226
2.03934e+06
1.90592e+06
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MTD1
RP_ET
MTD-Hit
TOFmult0
TOFmult1
TOFmult2
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RP_WOR
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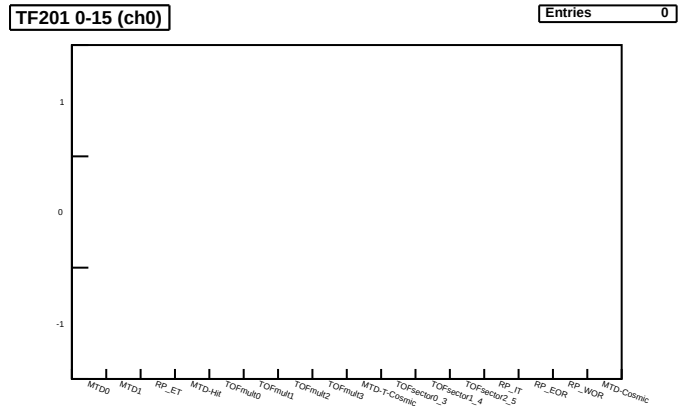
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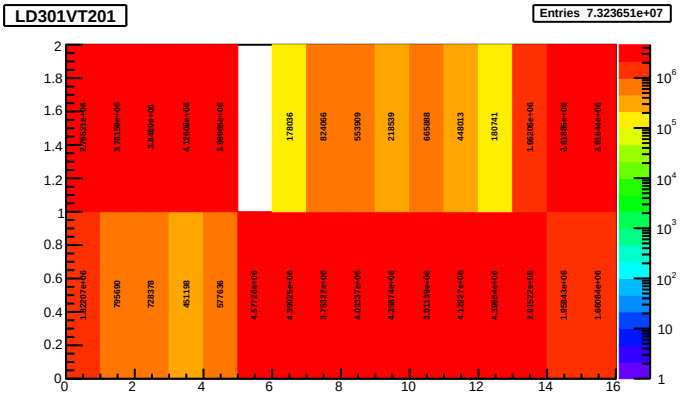
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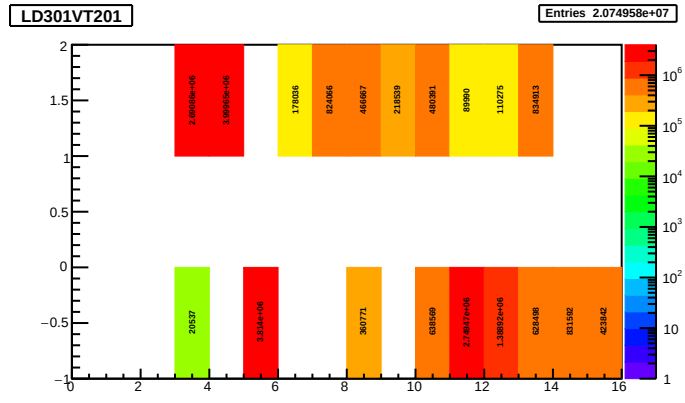
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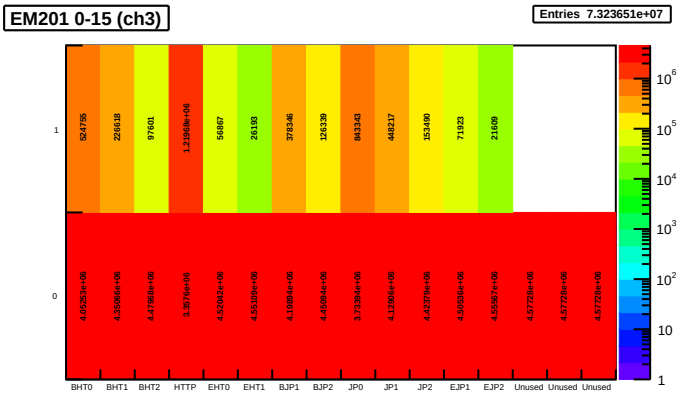
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843343
448217
153490
71923
21609
4.63253e+06
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4.52042e+06
4.55109e+06
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4.45094e+06
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BHT1
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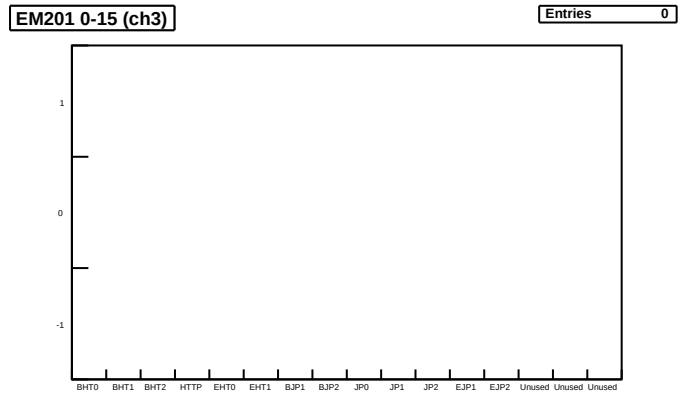
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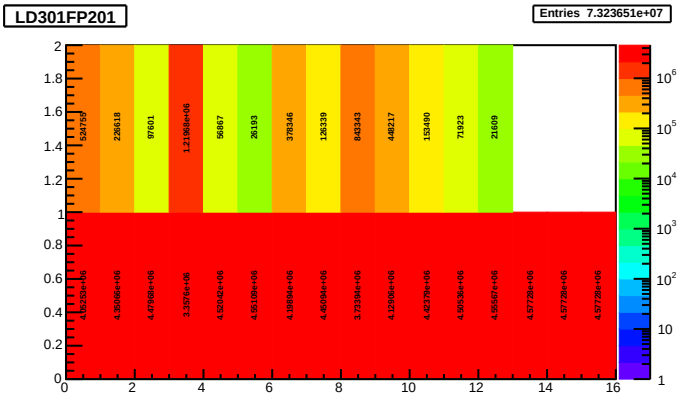
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126339
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153490
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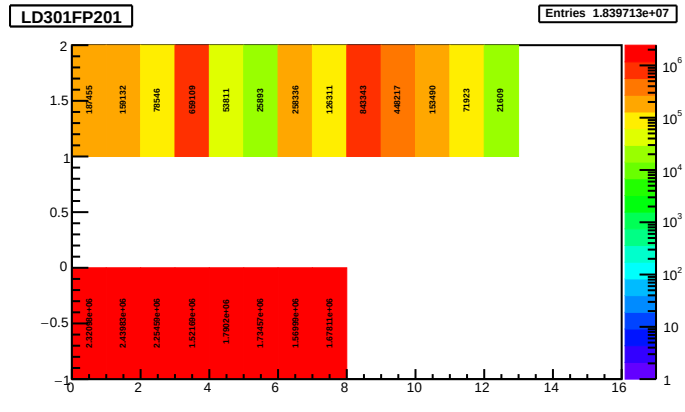
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53811
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153490
71923
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