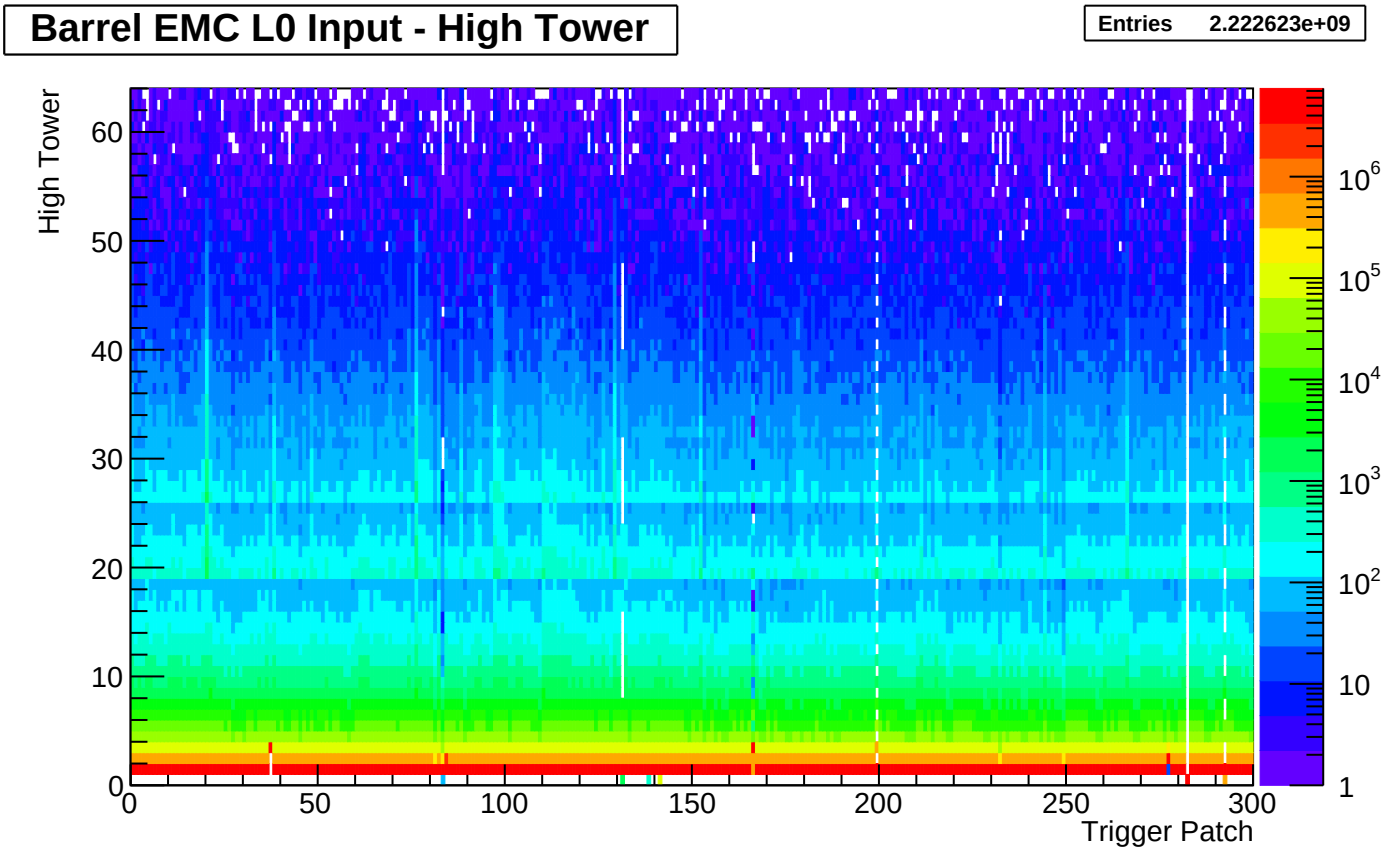
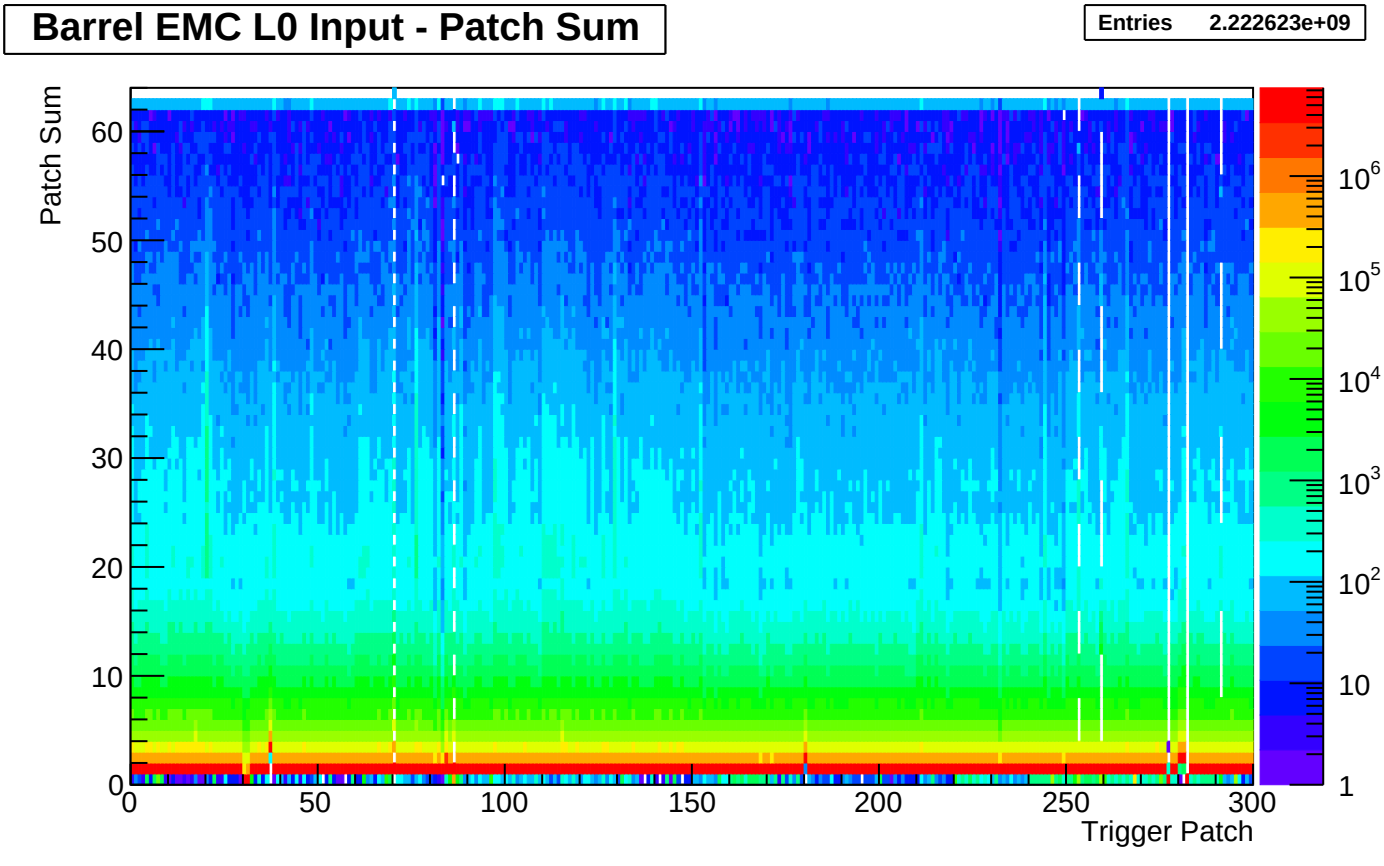
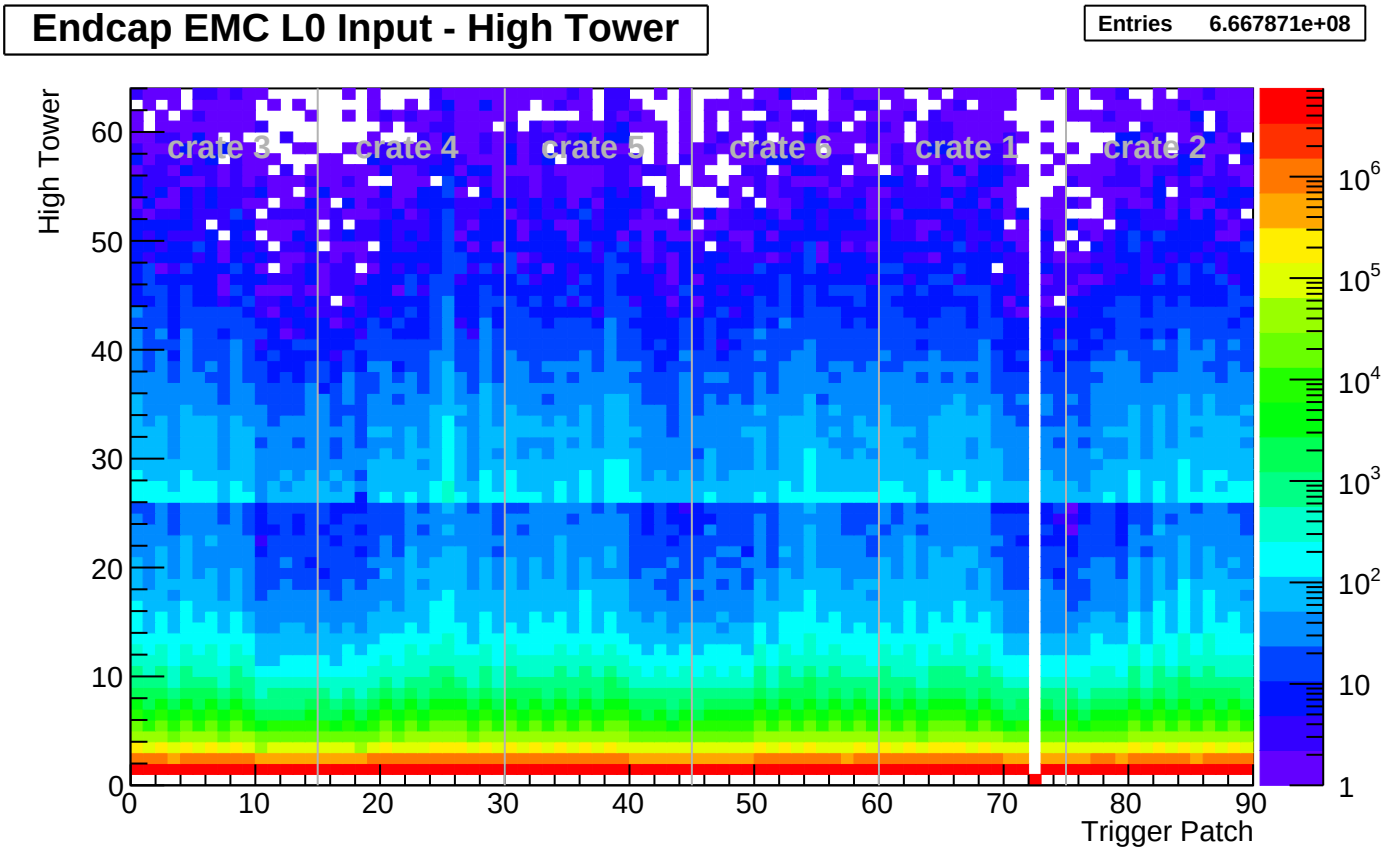
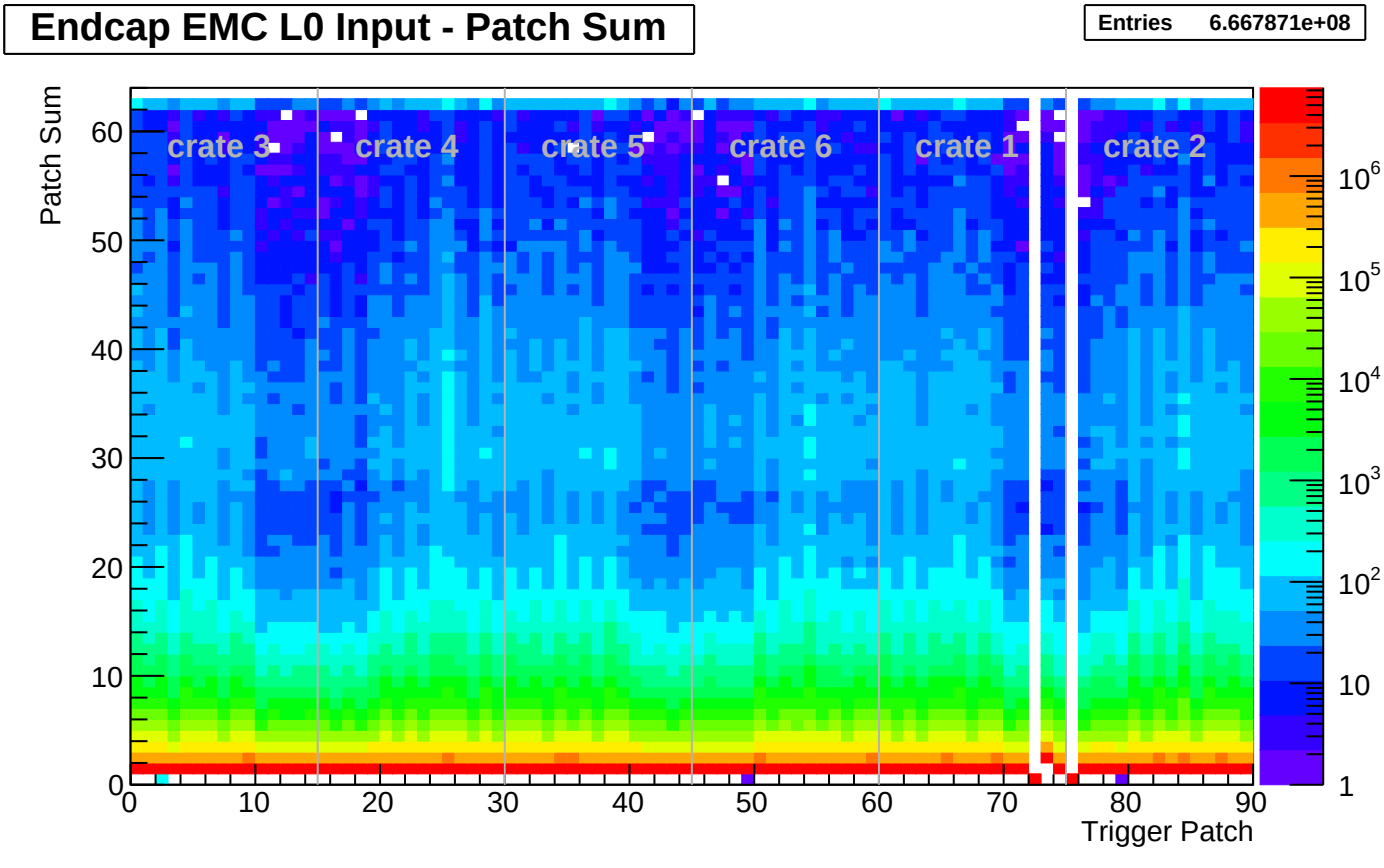
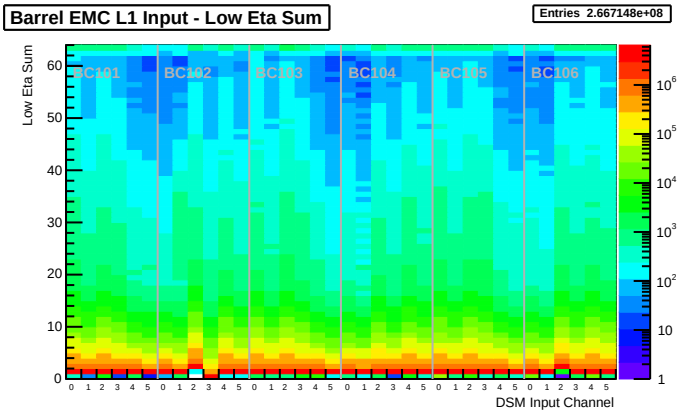
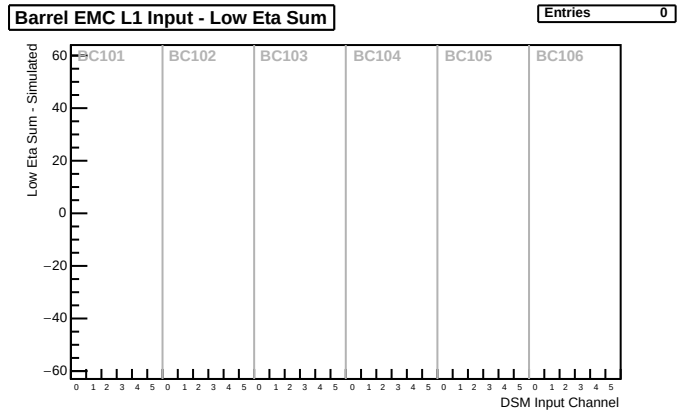

Barrel EMC L0 Input - High Tower
Entries 2.222623e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

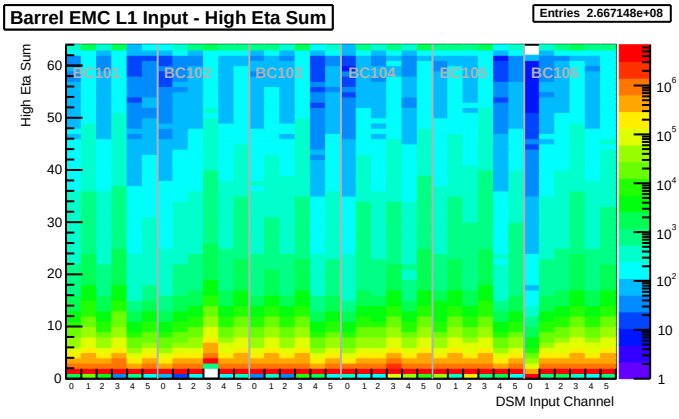

Barrel EMC L0 Input - Patch Sum
Entries 2.222623e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

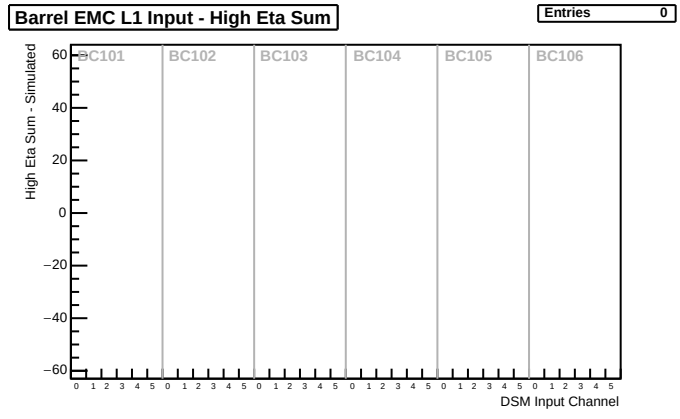

Endcap EMC L0 Input - High Tower
Entries 6.667871e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

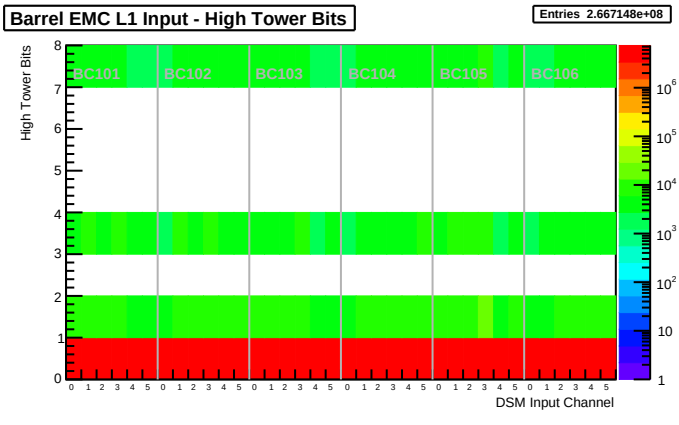

Endcap EMC L0 Input - Patch Sum
Entries 6.667871e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

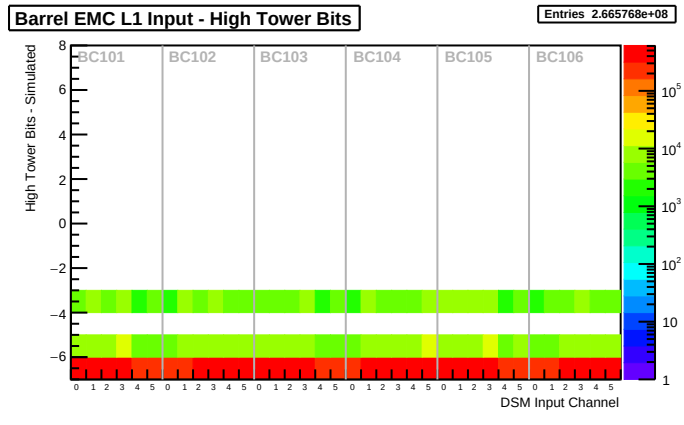

Barrel EMC L1 Input - Low Eta Sum
Entries 2.667148e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

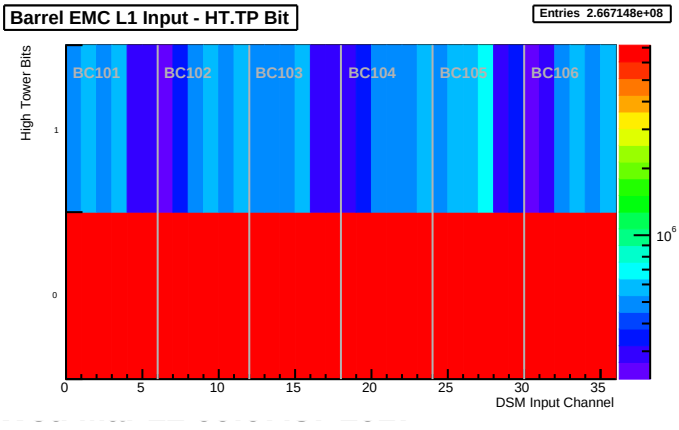

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

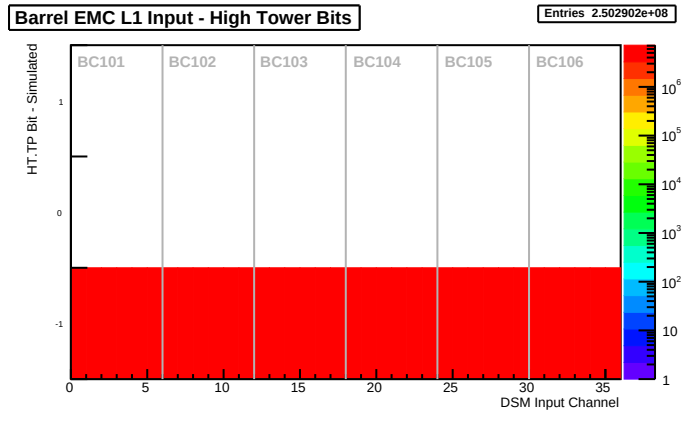

Barrel EMC L1 Input - High Eta Sum
Entries 2.667148e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

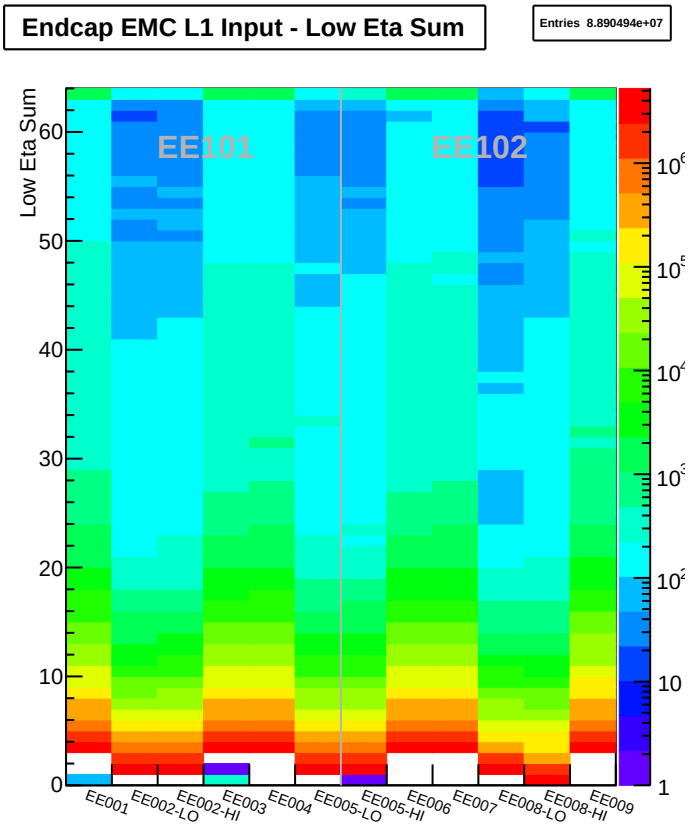

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

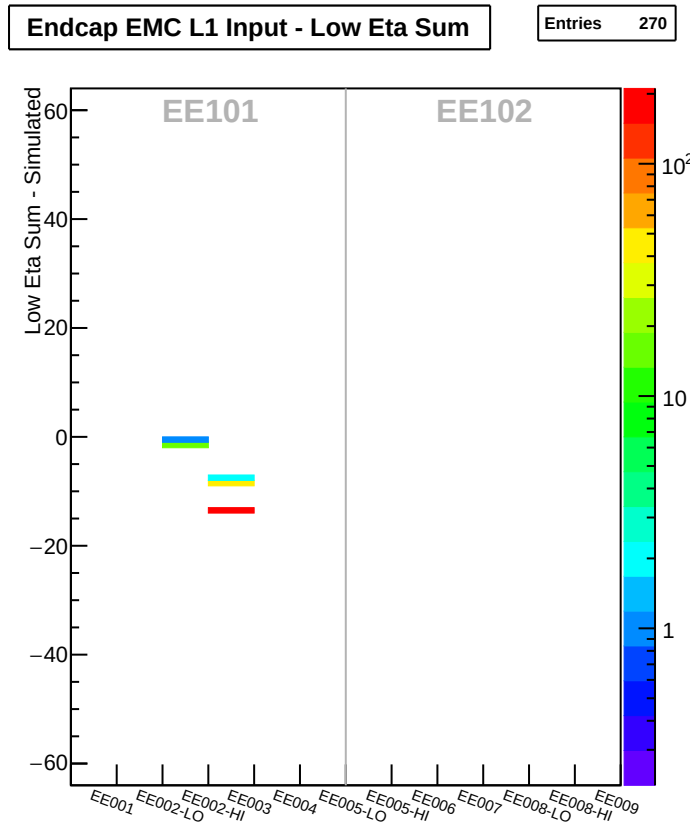

Barrel EMC L1 Input - High Tower Bits
Entries 2.667148e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

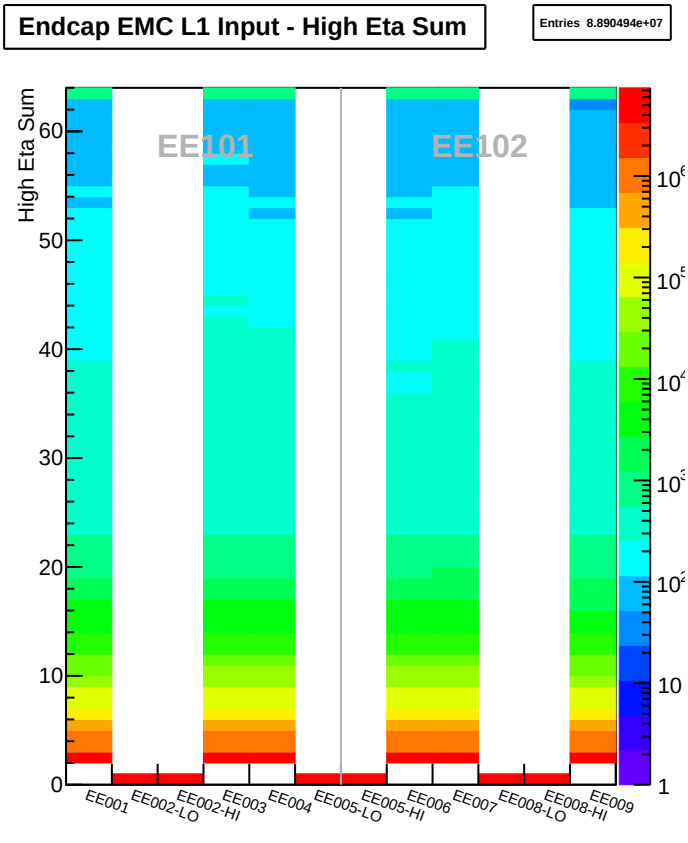

Barrel EMC L1 Input - High Tower Bits
Entries 2.665768e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

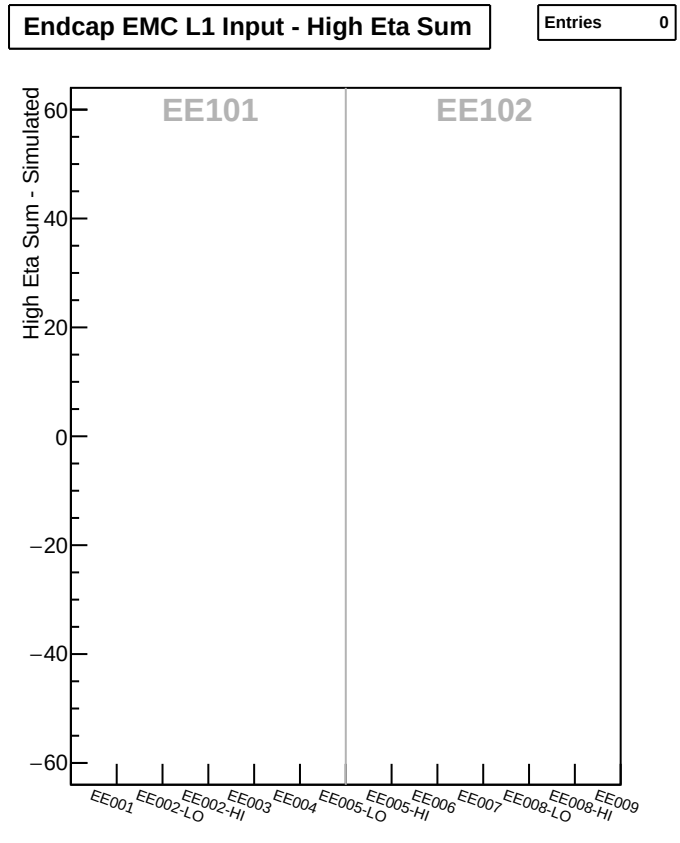

Barrel EMC L1 Input - HT.TP Bit
Entries 2.667148e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

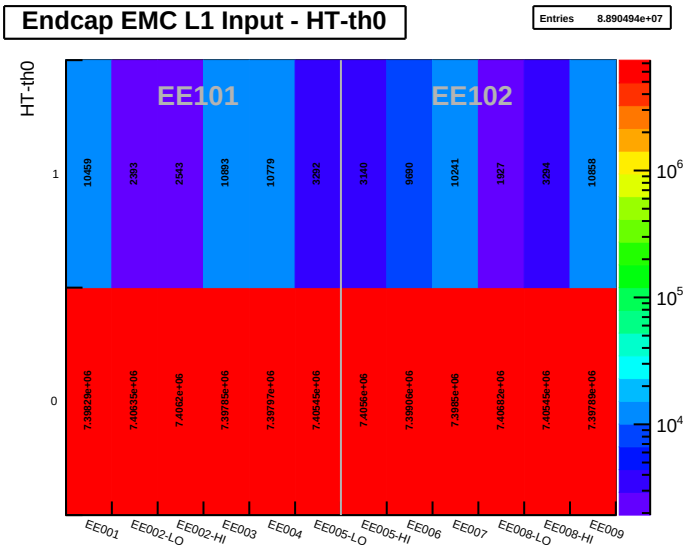

Barrel EMC L1 Input - High Tower Bits
Entries 2.502902e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

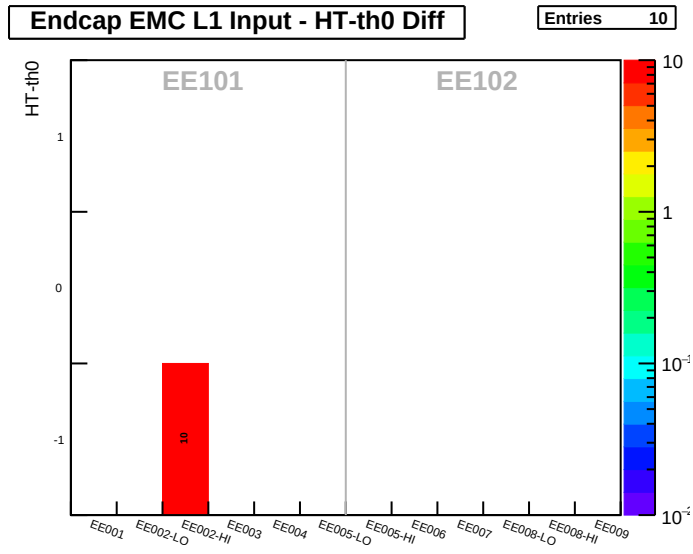

Endcap EMC L1 Input - Low Eta Sum
Entries 8.890494e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

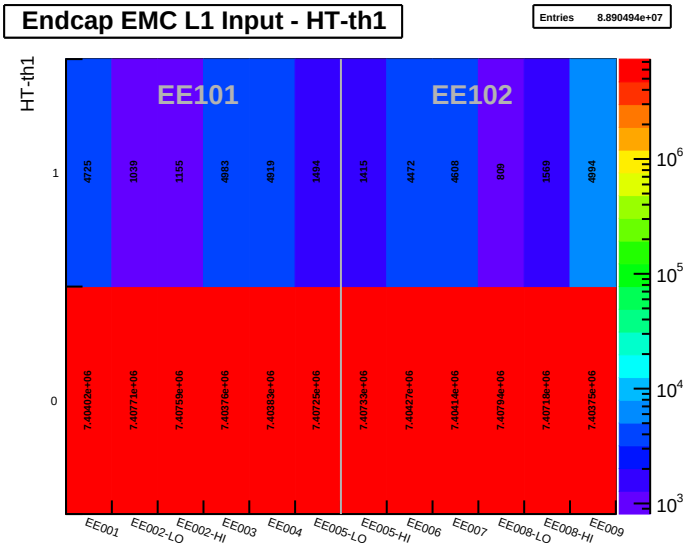

Endcap EMC L1 Input - Low Eta Sum
Entries 270
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

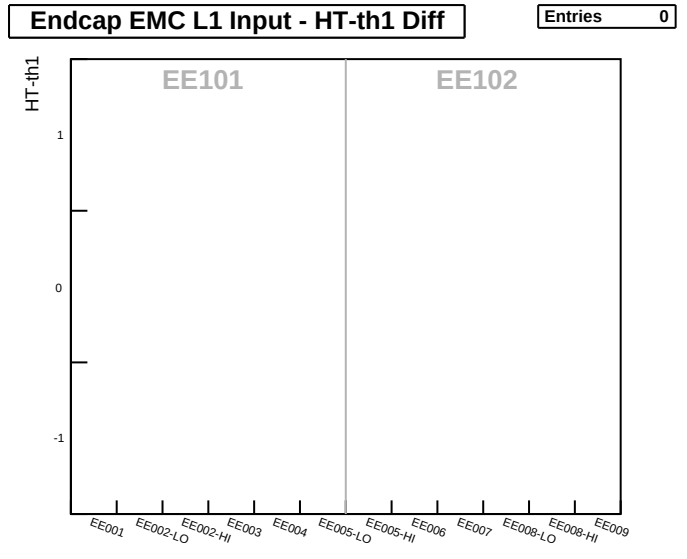

Endcap EMC L1 Input - High Eta Sum
Entries 8.890494e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

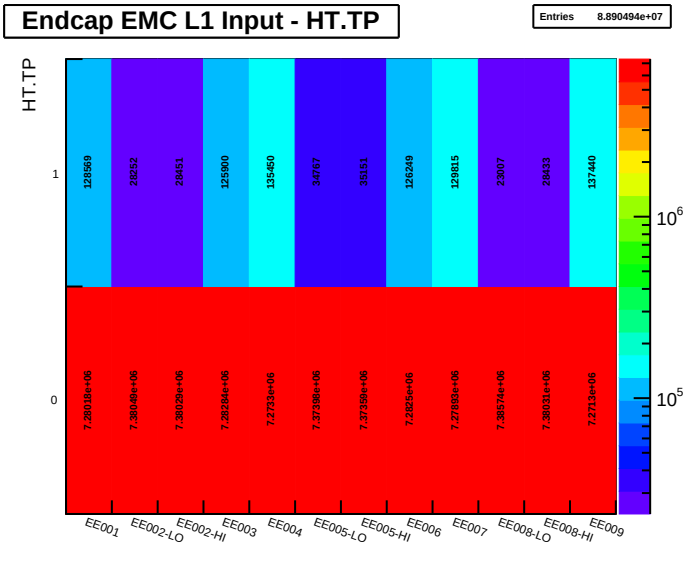

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

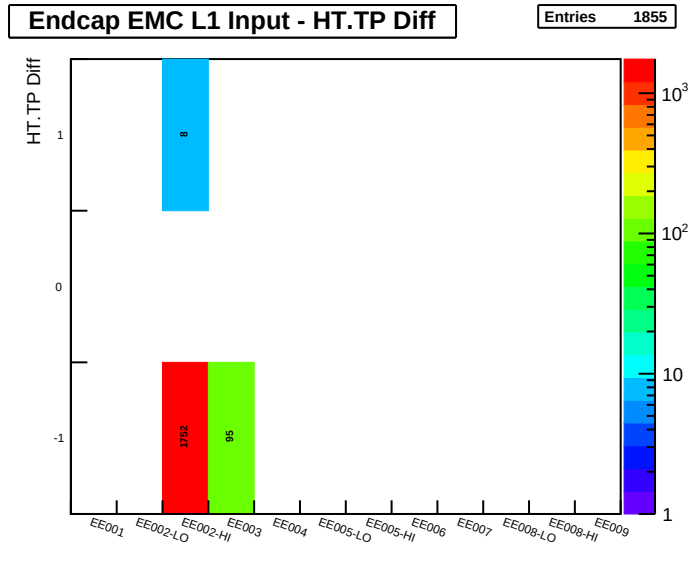

Endcap EMC L1 Input - HT-th0
Entries 8.890494e+07
HT-th0
EE101
EE102
1
0
10459
2393
2543
10893
10779
3292
3140
9690
10241
1927
3294
10858
7.39829e+06
7.40635e+06
7.4062e+06
7.39785e+06
7.39797e+06
7.40545e+06
7.4056e+06
7.39906e+06
7.3985e+06
7.40682e+06
7.40545e+06
7.39789e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

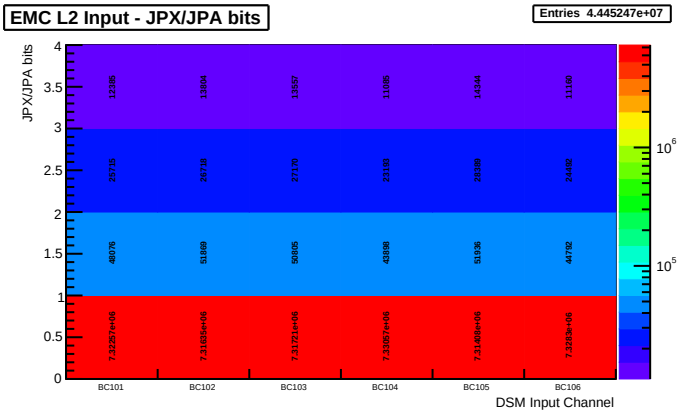

Endcap EMC L1 Input - HT-th0 Diff
Entries 10
HT-th0
EE101
EE102
1
0
-1
10
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

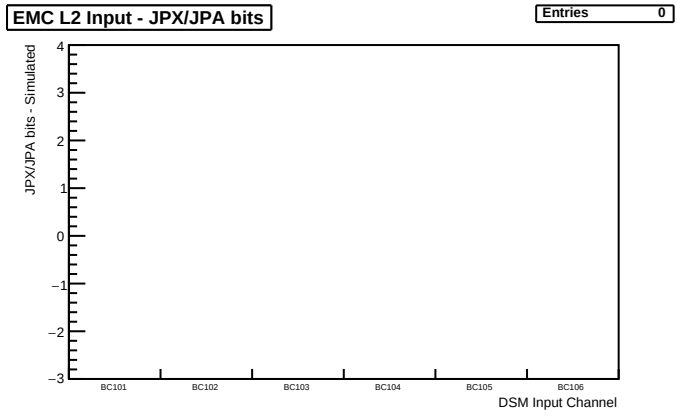

Endcap EMC L1 Input - HT-th1
Entries 8.890494e+07
HT-th1
EE101
EE102
1
0
4725
1039
1155
4983
4919
1494
1415
4472
4608
809
1569
4994
7.40402e+06
7.40771e+06
7.40759e+06
7.40376e+06
7.40383e+06
7.40725e+06
7.40733e+06
7.40427e+06
7.40414e+06
7.40794e+06
7.40718e+06
7.40375e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

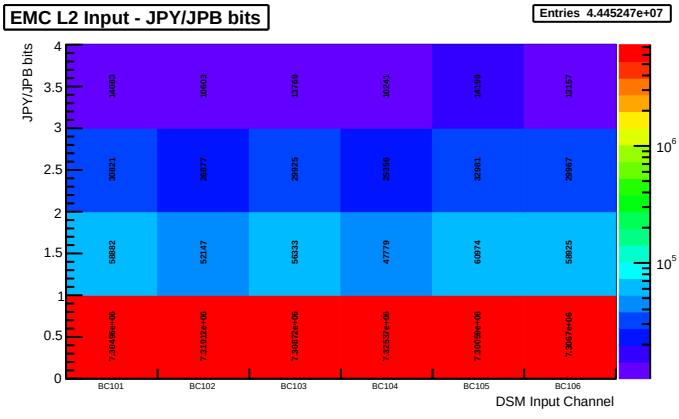

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

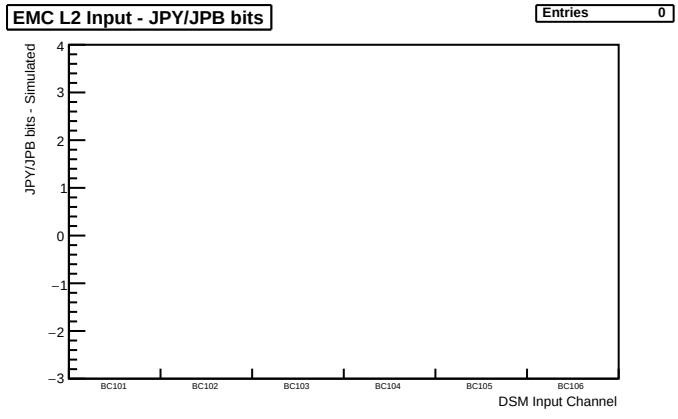

Endcap EMC L1 Input - HT.TP
Entries 8.890494e+07
HT.TP
1
0
128569
28252
28451
125900
135450
34767
35151
126249
129815
23007
28433
137440
7.28018e+06
7.39049e+06
7.30028e+06
7.28284e+06
7.2733e+06
7.37398e+06
7.37359e+06
7.2825e+06
7.27893e+06
7.30574e+06
7.30031e+06
7.2713e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

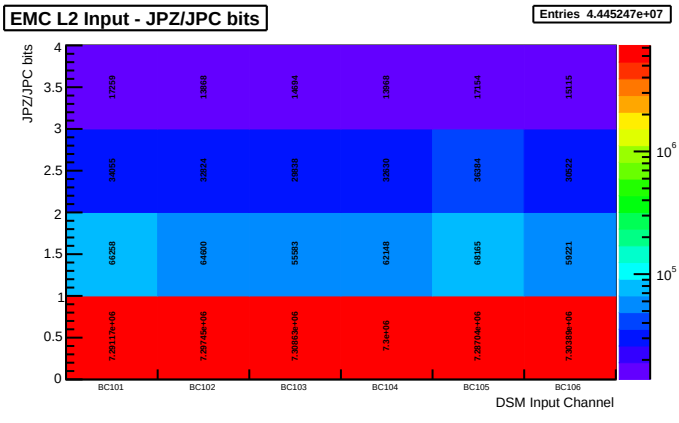

Endcap EMC L1 Input - HT.TP Diff
Entries 1855
HT.TP Diff
1
0
-1
8
1752
95
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

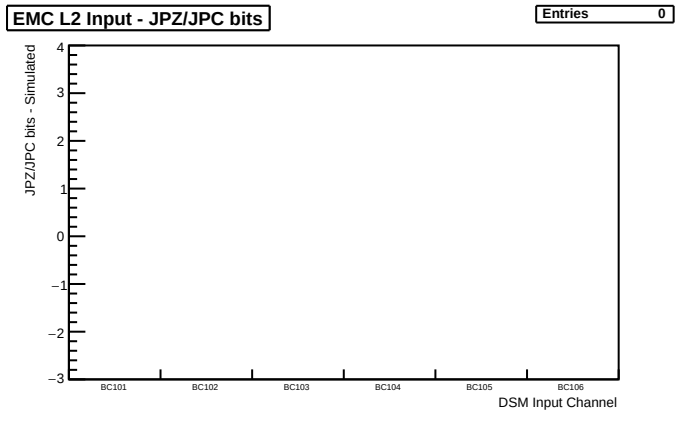

EMC L2 Input - JPX/JPA bits
Entries 4.445247e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12385
13804
13557
11065
14344
11160
25715
26718
27170
23181
28389
24492
48076
51969
50805
43898
51936
44792
7.32257e+06
7.31635e+06
7.31721e+06
7.32057e+06
7.31408e+06
7.3283e+06

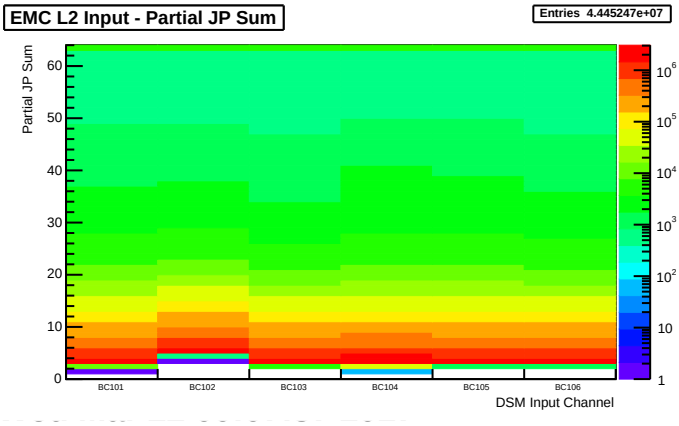

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

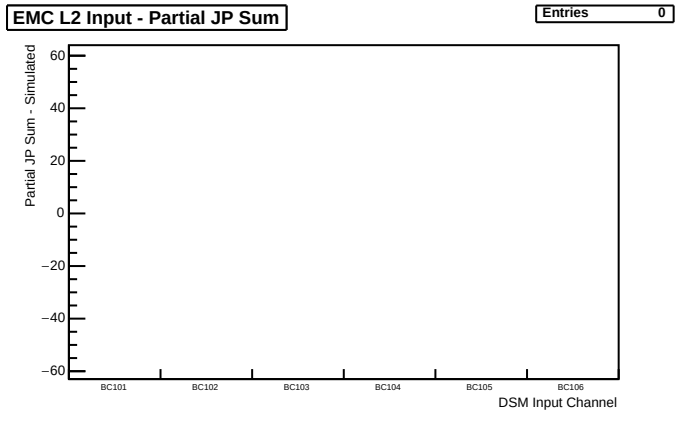

EMC L2 Input - JPY/JPB bits
Entries 4.445247e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14083
15603
13769
10241
16199
13157
30821
28377
29925
25356
32381
29967
58852
52147
56333
47779
60974
58925
7.30496e+06
7.31932e+06
7.30872e+06
7.32537e+06
7.30099e+06
7.3067e+06

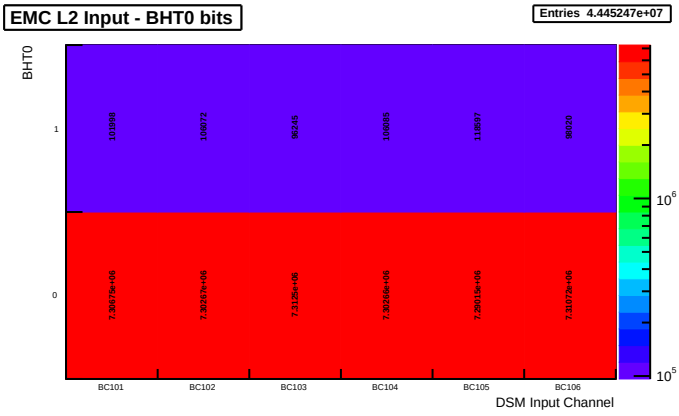

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

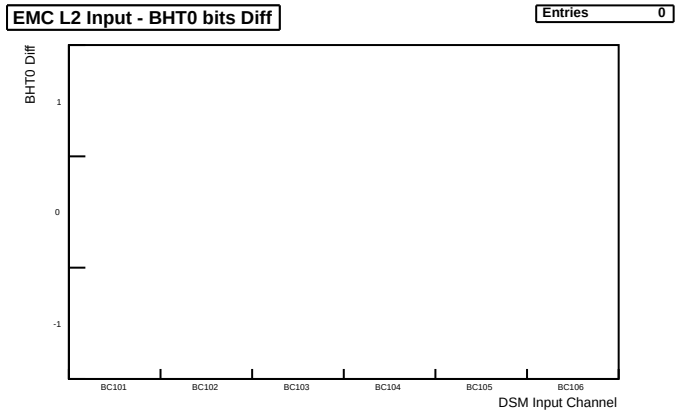

EMC L2 Input - JPZ/JPC bits
Entries 4.445247e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
17259
13868
14694
13868
17754
15115
34055
32224
28838
32630
36384
30622
66258
64600
55983
62148
68365
59221
7.3117e+06
7.29745e+06
7.30853e+06
7.3+06
7.29704e+06
7.30389e+06

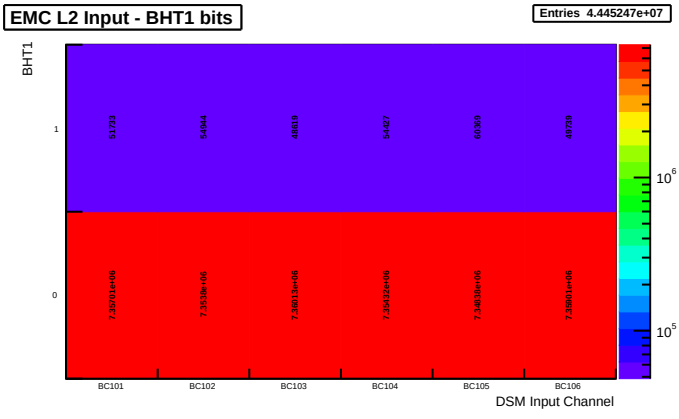

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

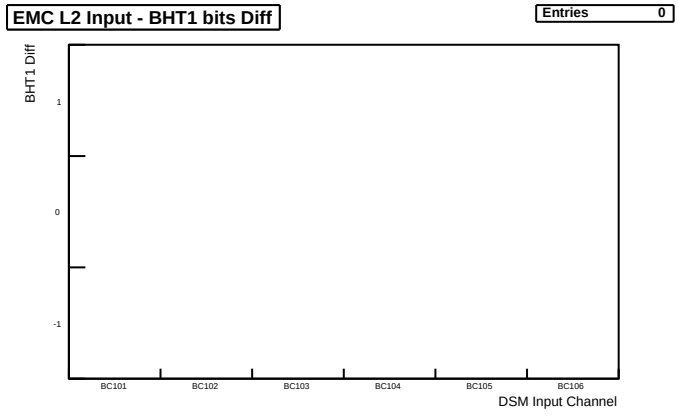

EMC L2 Input - Partial JP Sum
Entries 4.445247e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

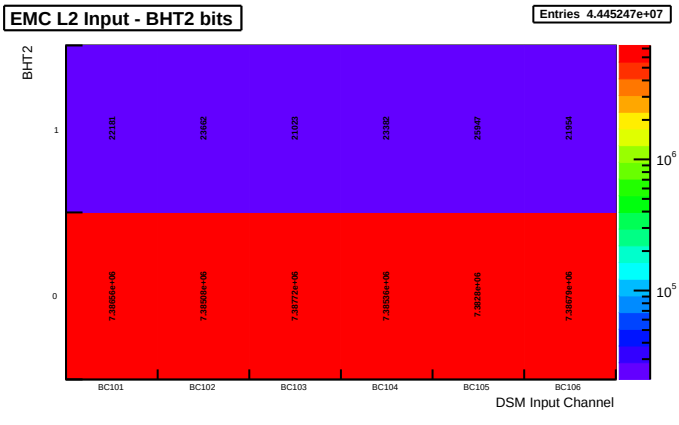

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

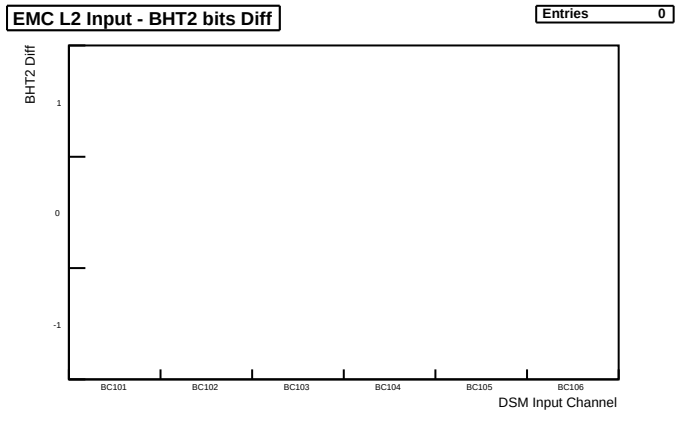

EMC L2 Input - BHT0 bits
Entries 4.445247e+07
BHT0
1
0
103998
106072
96245
106985
118597
98020
7.34679e+06
7.32676e+06
7.3125e+06
7.30258e+06
7.29015e+06
7.31072e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

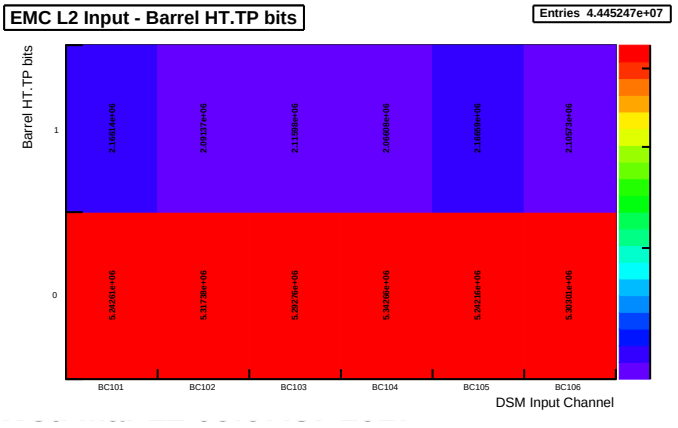

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

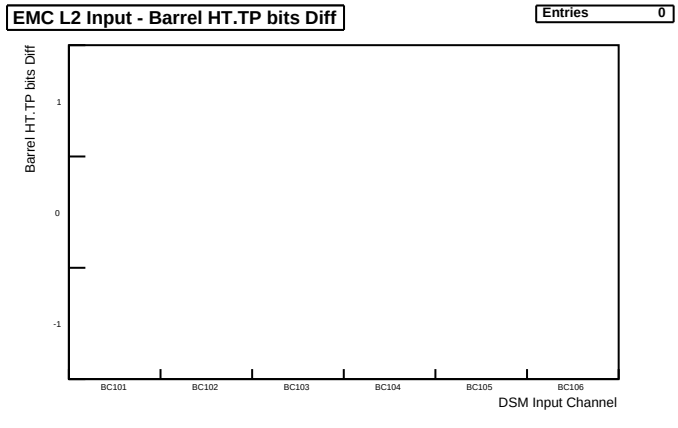

EMC L2 Input - BHT1 bits
Entries 4.445247e+07
BHT1
1
0
51723
54944
49619
54427
60369
49739
7.35701e+06
7.3538e+06
7.36013e+06
7.35432e+06
7.34638e+06
7.35901e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

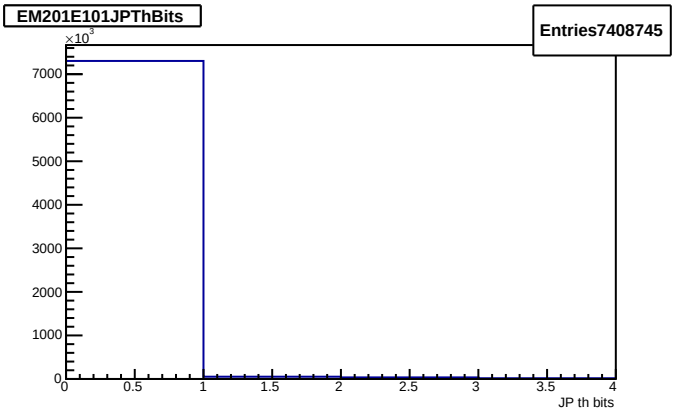

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

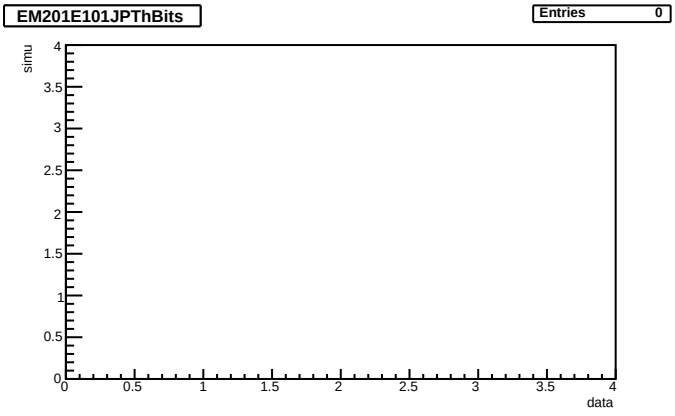

EMC L2 Input - BHT2 bits
Entries 4.445247e+07
BHT2
1
0
22181
23652
21923
23232
25947
21954
7.33885e+06
7.33528e+06
7.34772e+06
7.33535e+06
7.3228e+06
7.33678e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

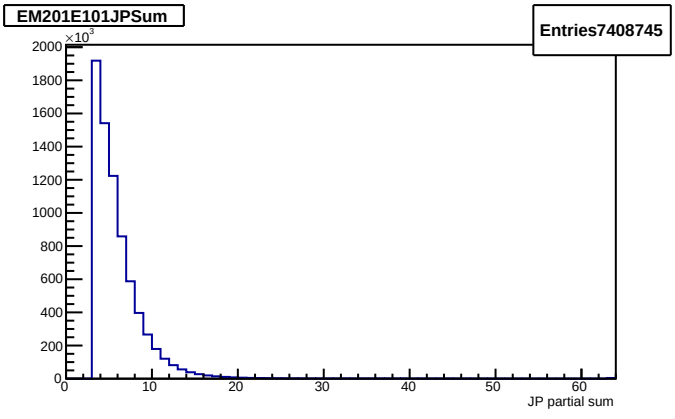

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

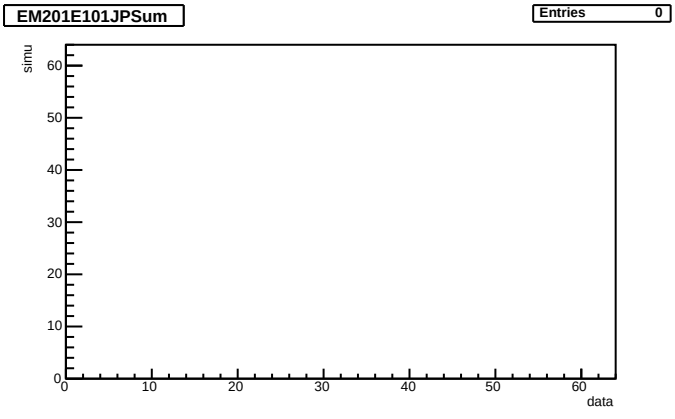

EMC L2 Input - Barrel HT.TP bits
Entries 4.445247e+07
Barrel HT.TP bits
1
0
2.16634e+06
2.09137e+06
2.11589e+06
2.06608e+06
2.16659e+06
2.10573e+06
5.24281e+06
5.31739e+06
5.29276e+06
5.34286e+06
5.34219e+06
5.30301e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

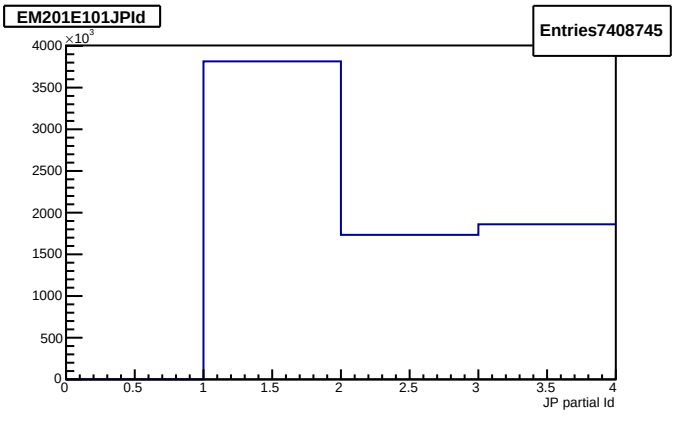

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

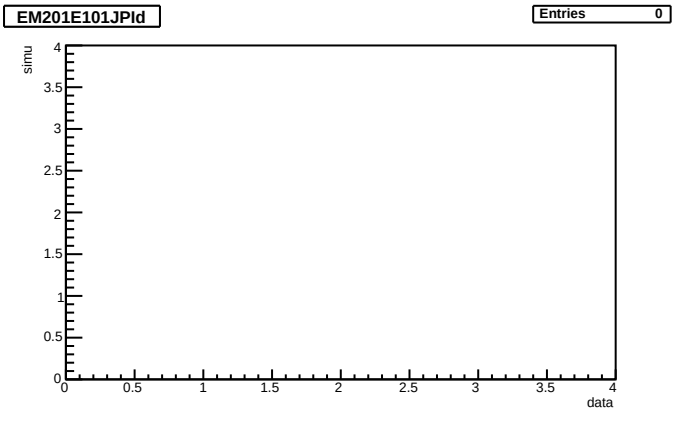

EM201E101JPThBits
Entries7408745
×10^3
JP th bits

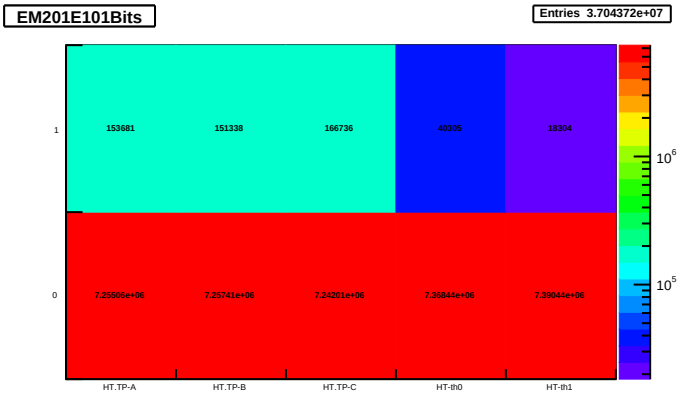

EM201E101JPThBits
Entries 0
simu
data

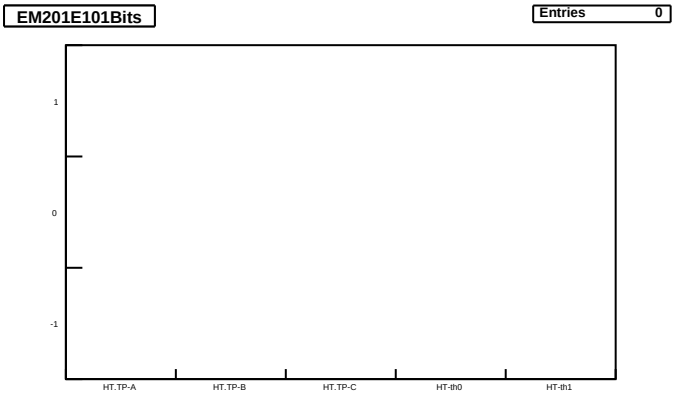

EM201E101JPSum
Entries7408745
×10^3
JP partial sum

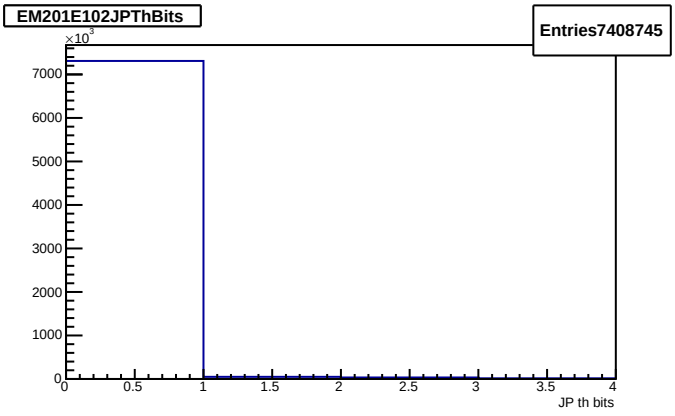

EM201E101JPSum
Entries 0
simu
data

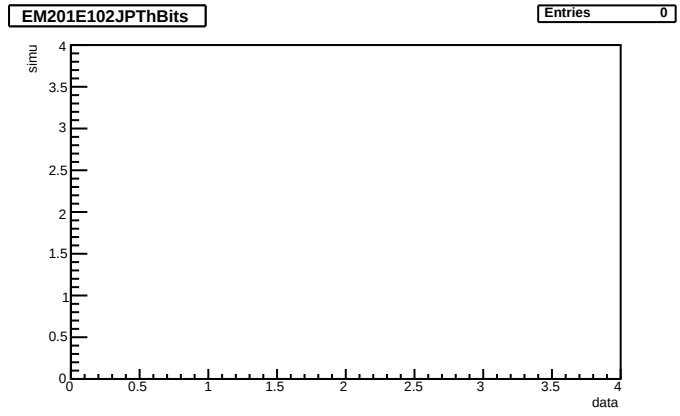

EM201E101JPId
Entries7408745
×10^3
JP partial Id

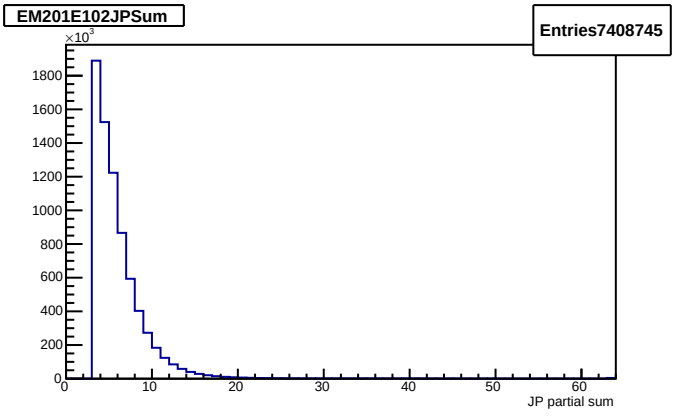

EM201E101JPId
Entries 0
simu
data

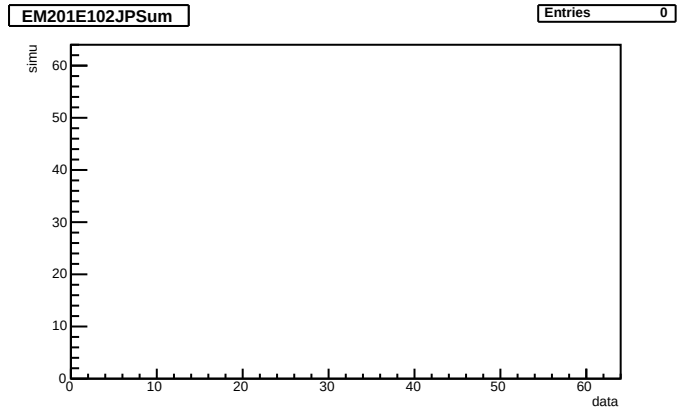

EM201E101Bits
Entries 3.704372e+07
153681
151338
166736
40305
18304
7.25506e+06
7.25741e+06
7.24201e+06
7.36844e+06
7.39044e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

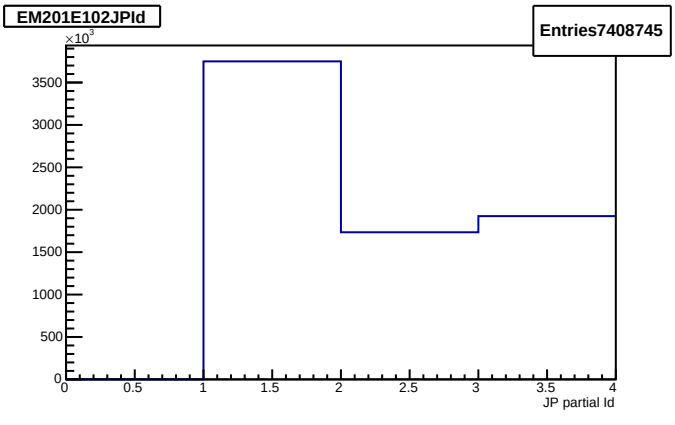

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

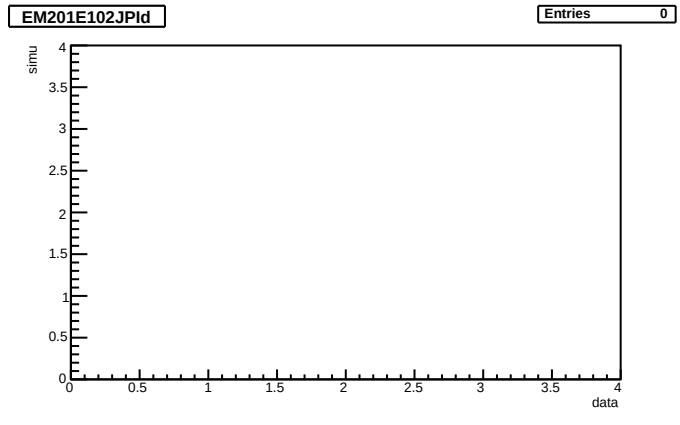

EM201E102JPThBits
Entries7408745
×10^3
JP th bits

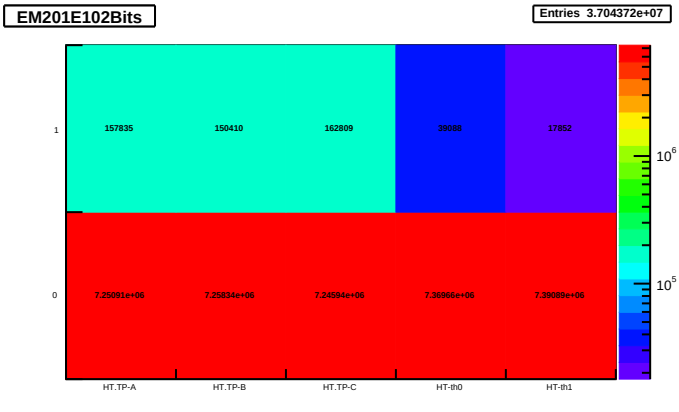

EM201E102JPThBits
Entries 0
simu
data

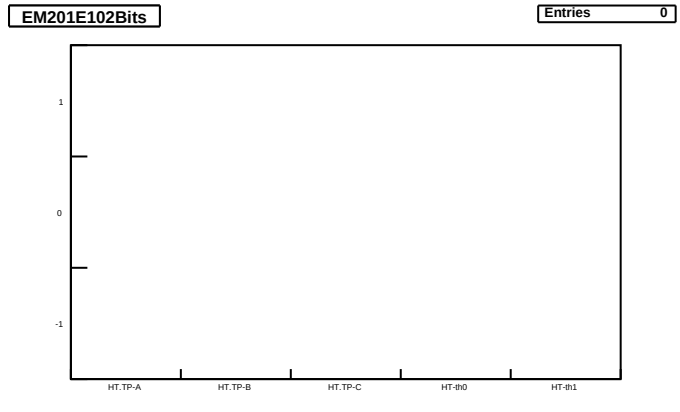

EM201E102JPSum
Entries7408745
×10^3
JP partial sum

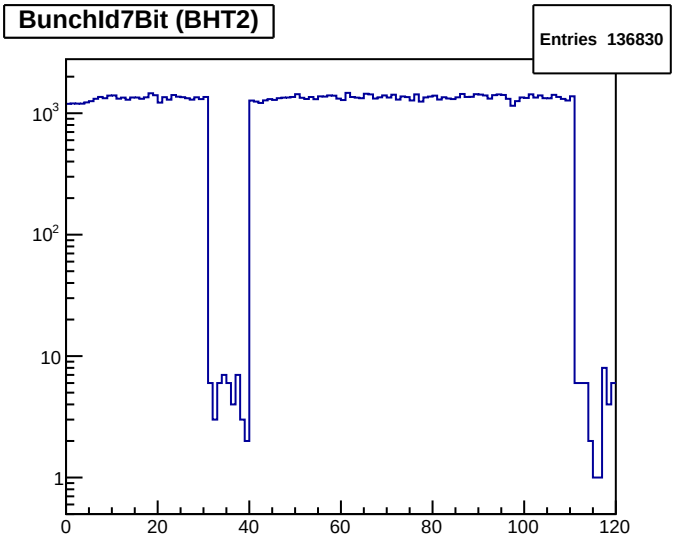

EM201E102JPSum
Entries 0
simu
data

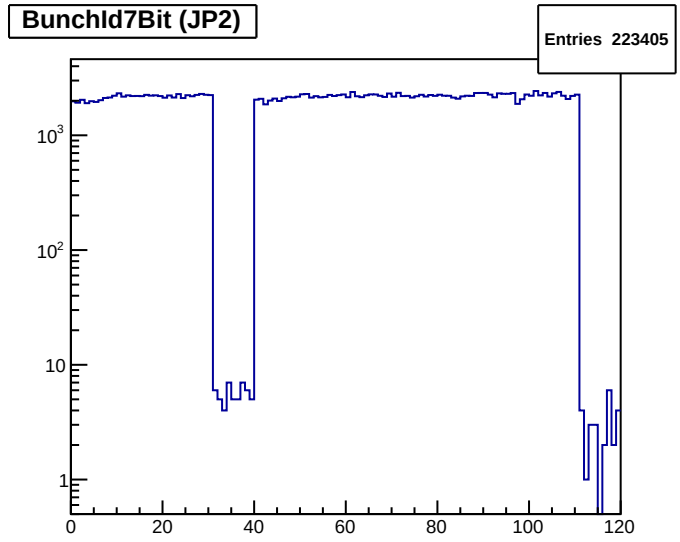

EM201E102JPId
Entries7408745
×10^3
JP partial Id

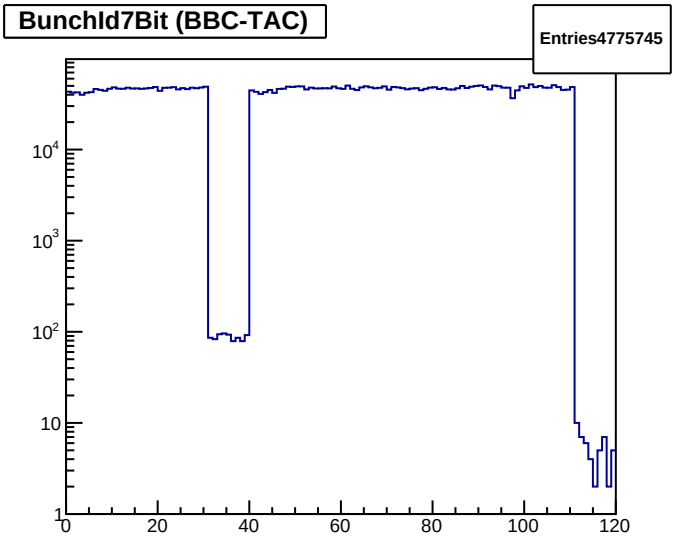

EM201E102JPId
Entries 0
simu
data

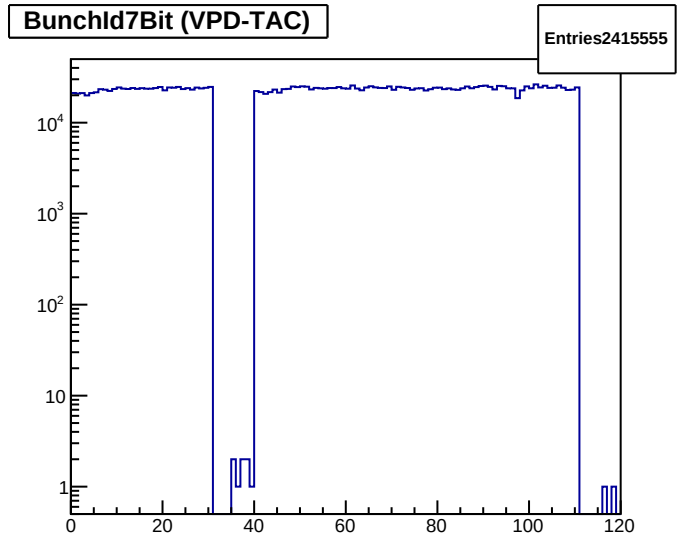

EM201E102Bits
Entries 3.704372e+07
157835
150410
162809
39088
17852
7.25091e+06
7.25834e+06
7.24594e+06
7.36966e+06
7.39089e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

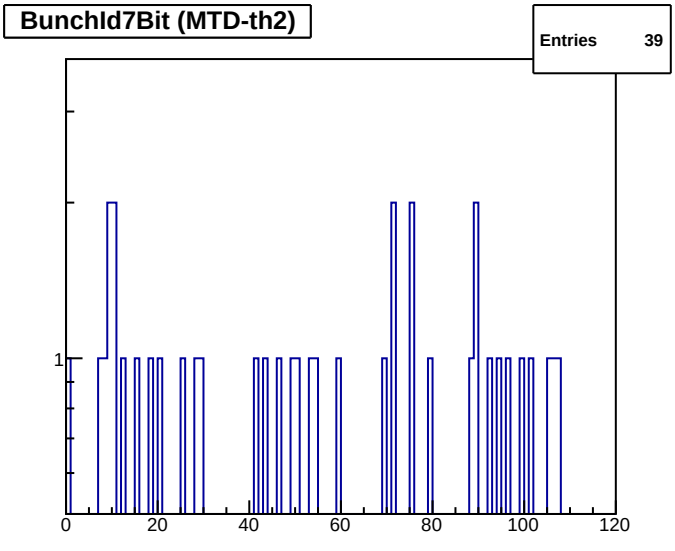

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

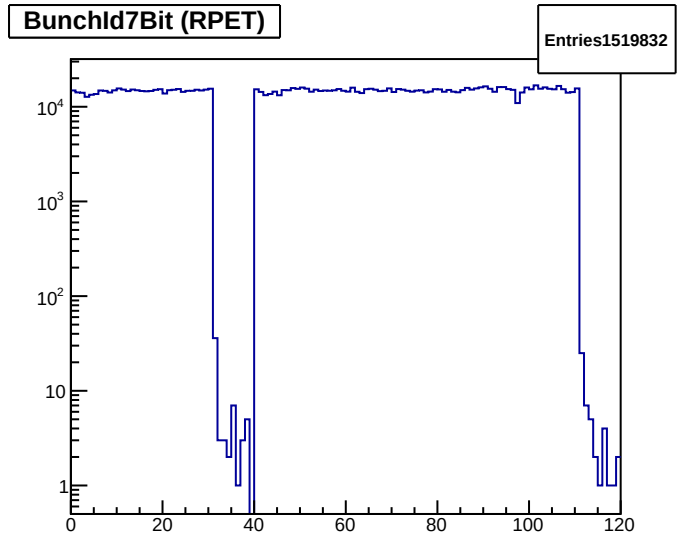

BunchId7Bit (BHT2)
Entries 136830

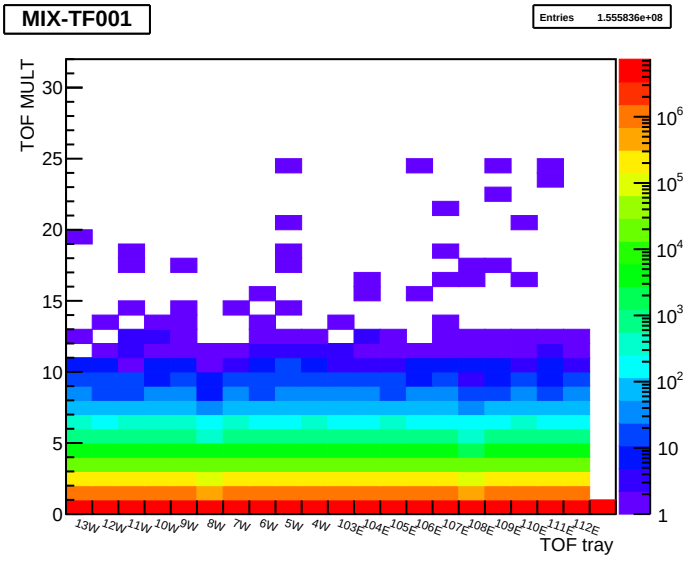

BunchId7Bit (JP2)
Entries 223405

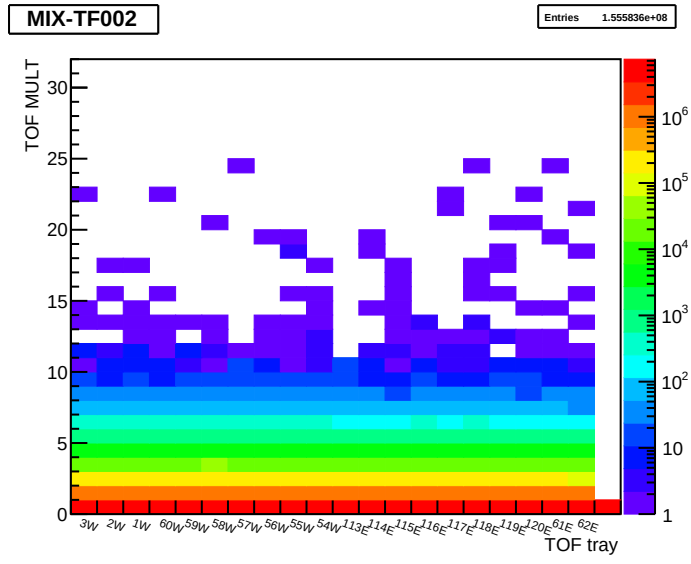

BunchId7Bit (BBC-TAC)
Entries4775745

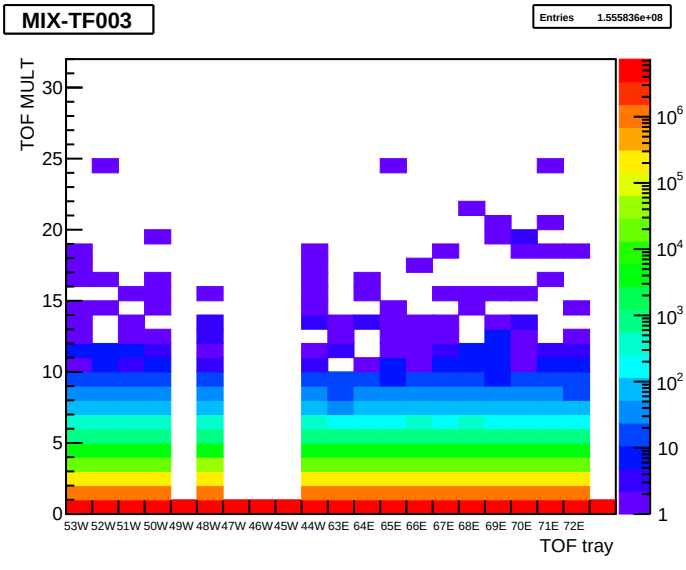

BunchId7Bit (VPD-TAC)
Entries2415555

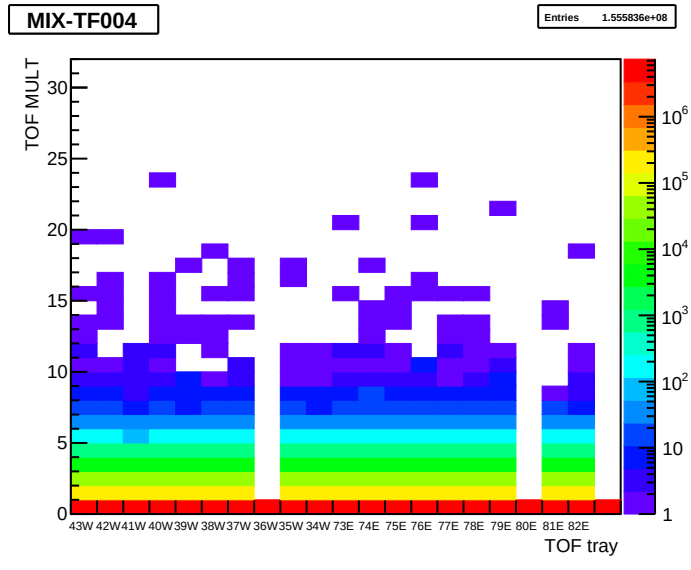

BunchId7Bit (MTD-th2)
Entries 39

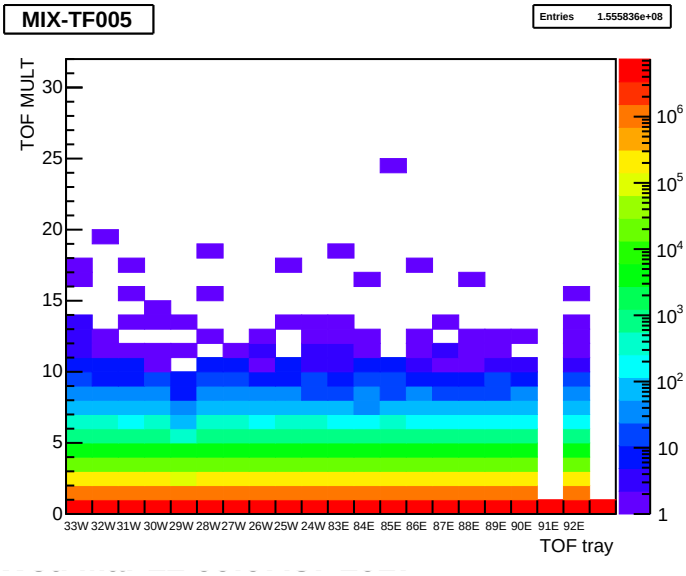

BunchId7Bit (RPET)
Entries1519832

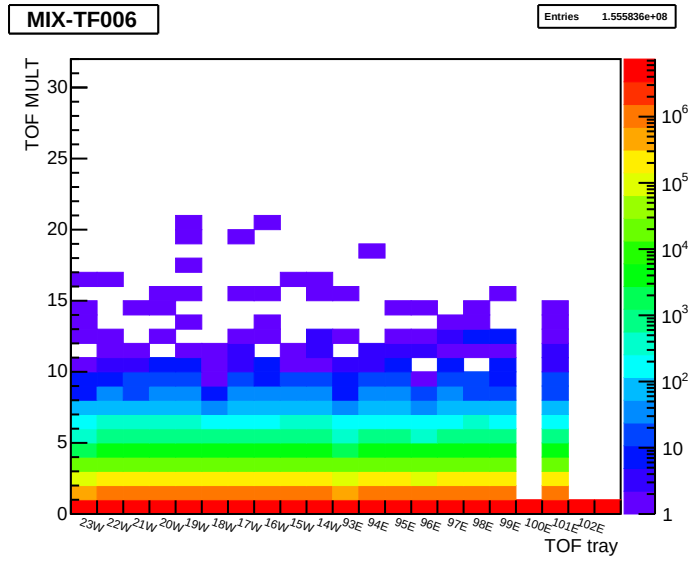

MIX-TF001
Entries 1.555836e+08
TOF MULT
TOF tray

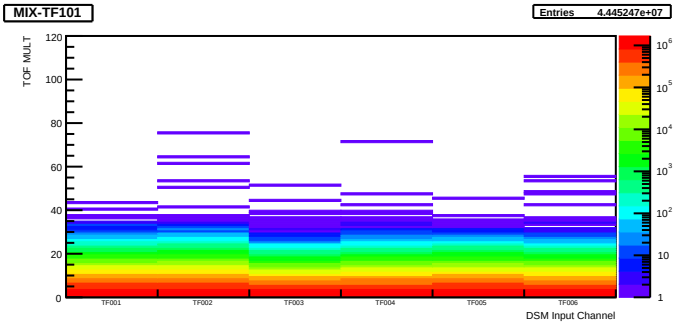

MIX-TF002
Entries 1.555836e+08
TOF MULT
TOF tray

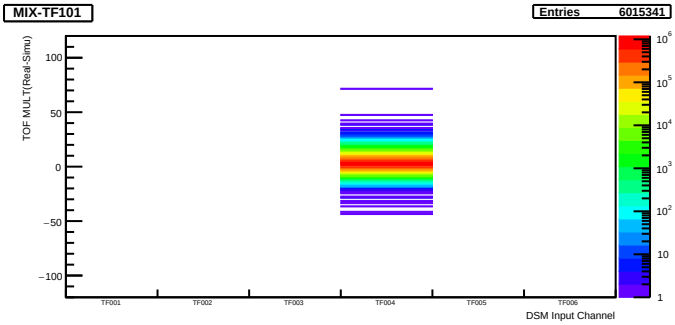

MIX-TF003
Entries 1.555836e+08
TOF MULT
TOF tray

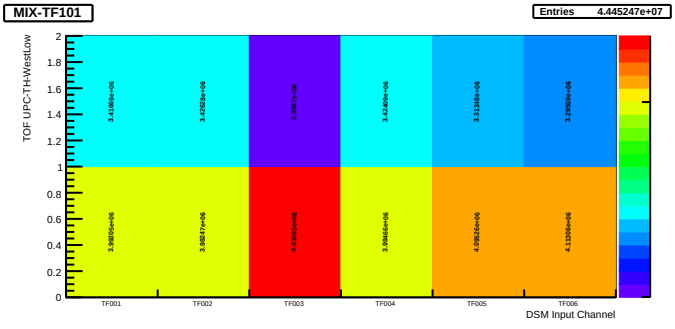

MIX-TF004
Entries 1.555836e+08
TOF MULT
TOF tray

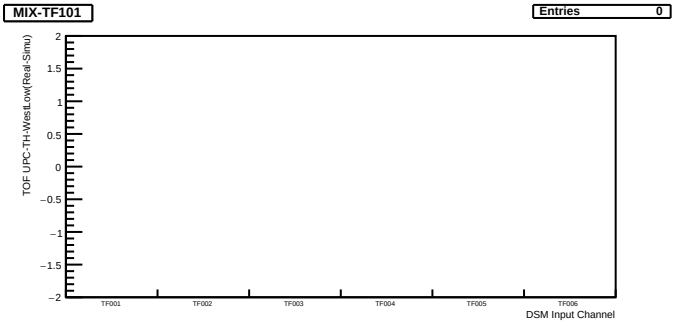

MIX-TF005
Entries 1.555836e+08
TOF MULT
TOF tray

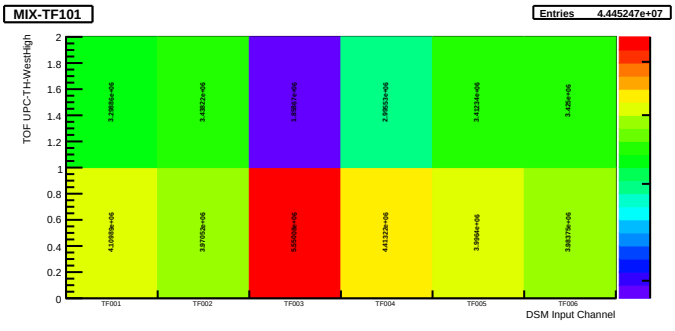

MIX-TF006
Entries 1.555836e+08
TOF MULT
TOF tray

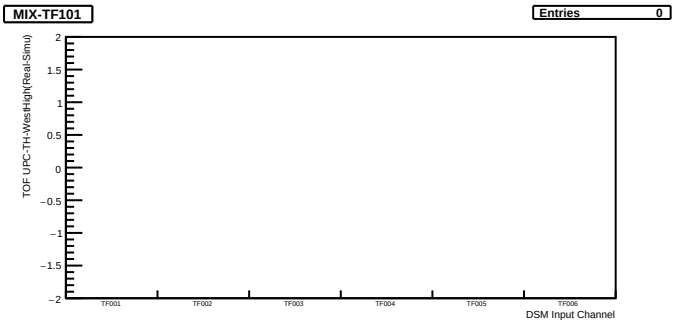

MIX-TF101
Entries 4.445247e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

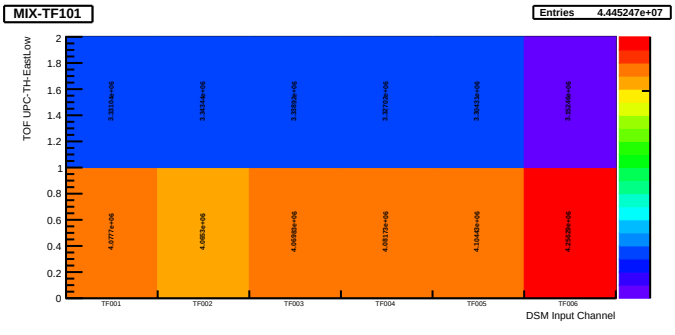

MIX-TF101
Entries 6015341
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

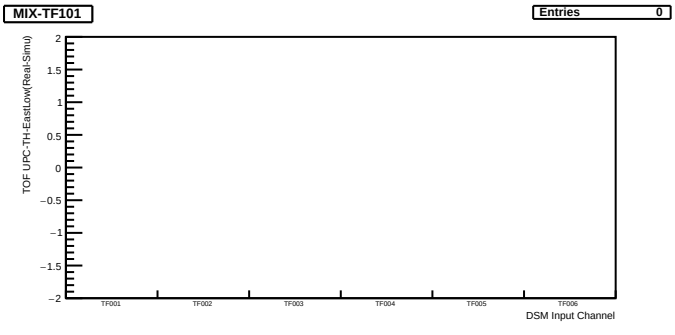

MIX-TF101
Entries 4.445247e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

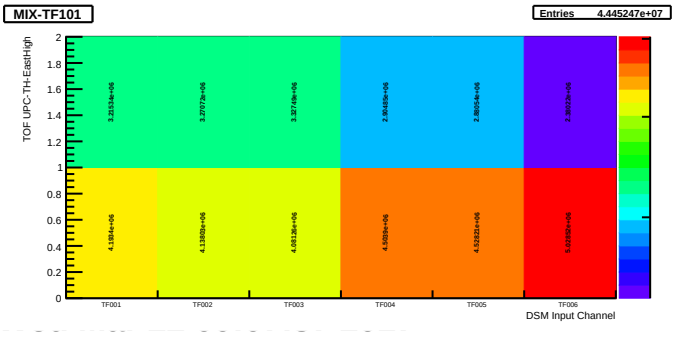

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

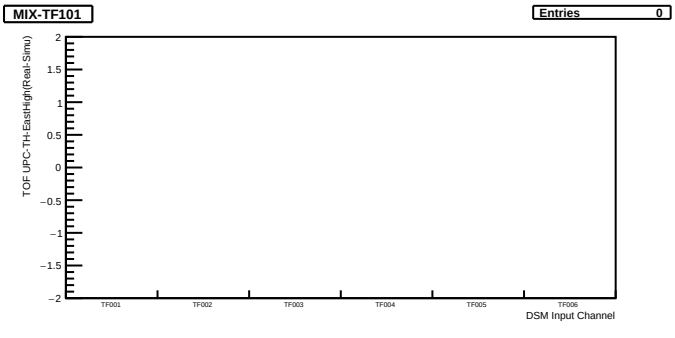

MIX-TF101
Entries 4.445247e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

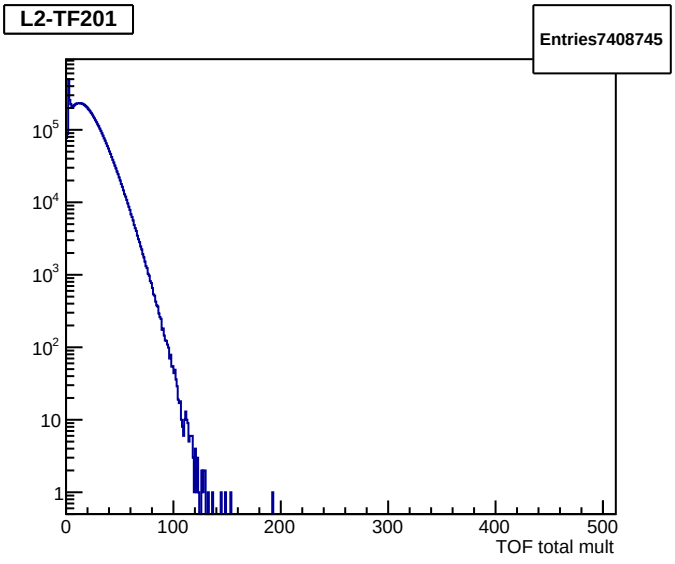

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

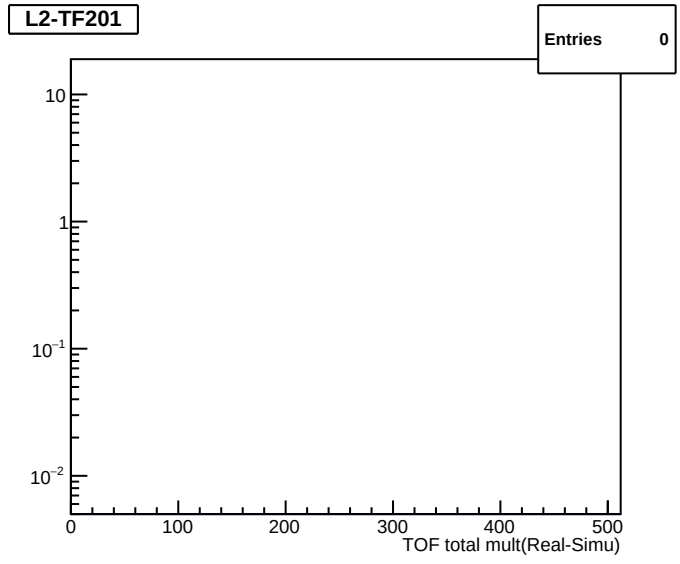

MIX-TF101
Entries 4.445247e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

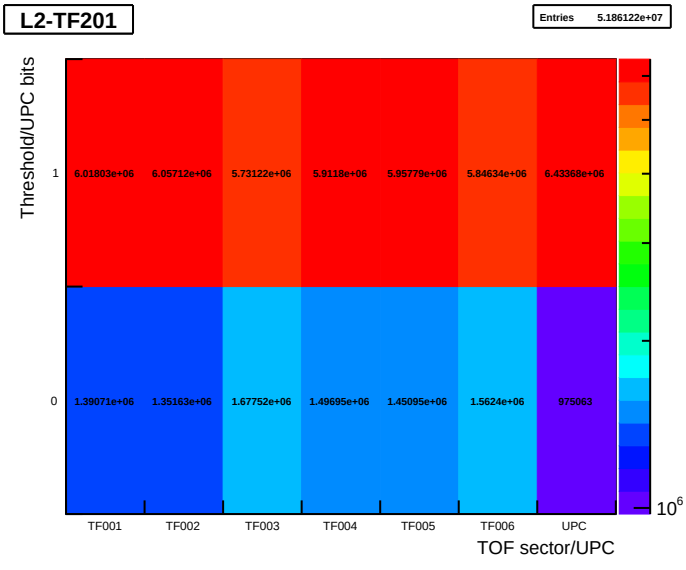

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

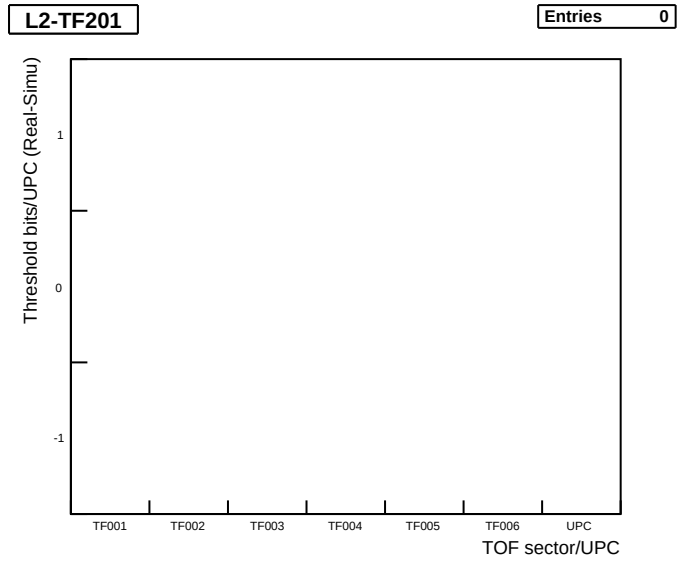

MIX-TF101
Entries 4.445247e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

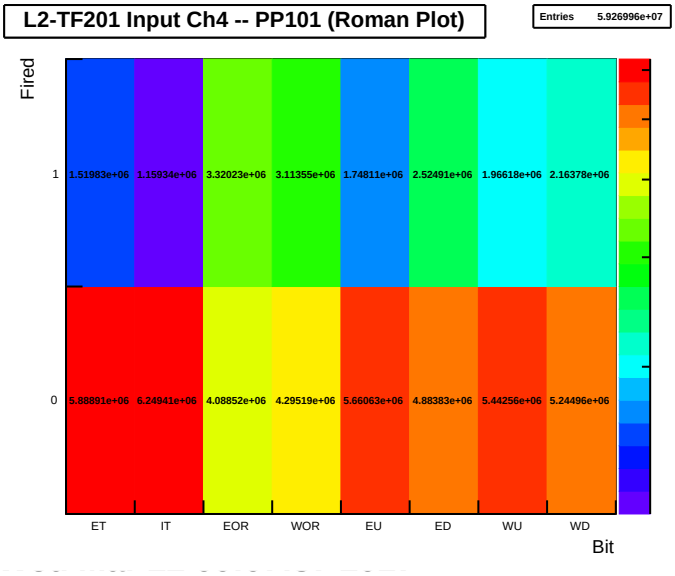

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

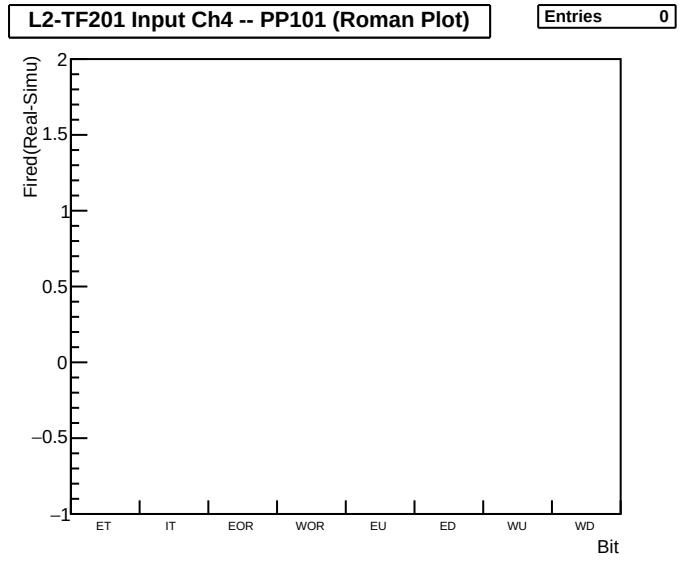

L2-TF201
Entries7408745
TOF total mult

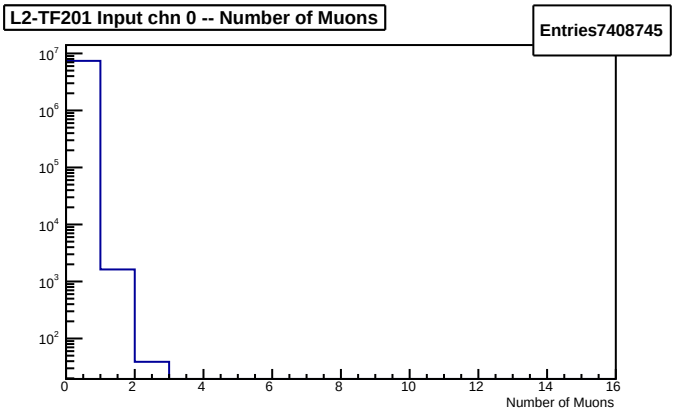

L2-TF201
Entries 0
TOF total mult(Real-Simu)

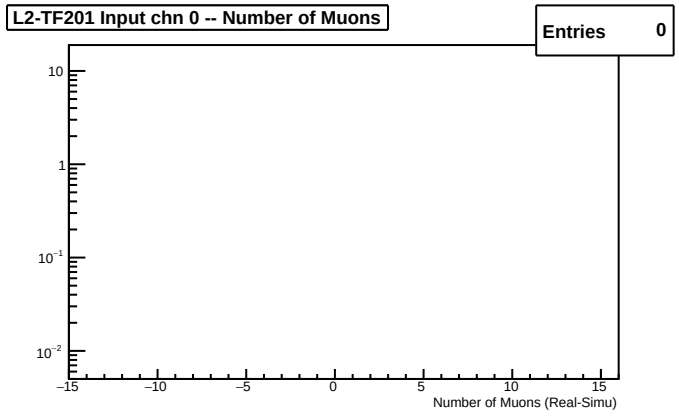

L2-TF201
Entries 5.186122e+07
Threshold/UPC bits
6.01803e+06
6.05712e+06
5.73122e+06
5.9118e+06
5.95779e+06
5.84634e+06
6.43368e+06
1.39071e+06
1.35163e+06
1.67752e+06
1.49695e+06
1.45095e+06
1.5624e+06
975063
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

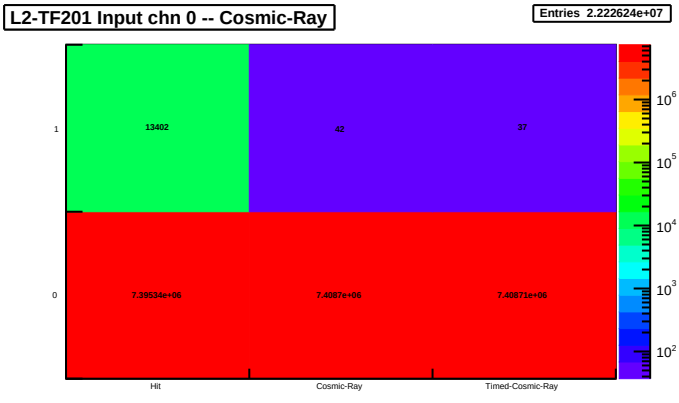

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

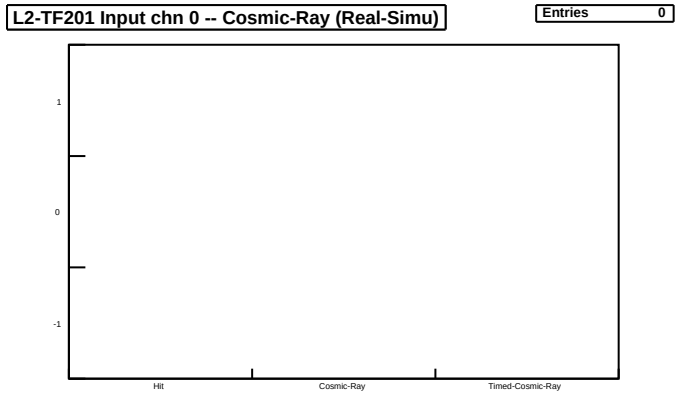

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.926996e+07
Fired
1.51983e+06
1.15934e+06
3.32023e+06
3.11355e+06
1.74811e+06
2.52491e+06
1.96618e+06
2.16378e+06
5.88891e+06
6.24941e+06
4.08852e+06
4.29519e+06
5.66063e+06
4.88383e+06
5.44256e+06
5.24496e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

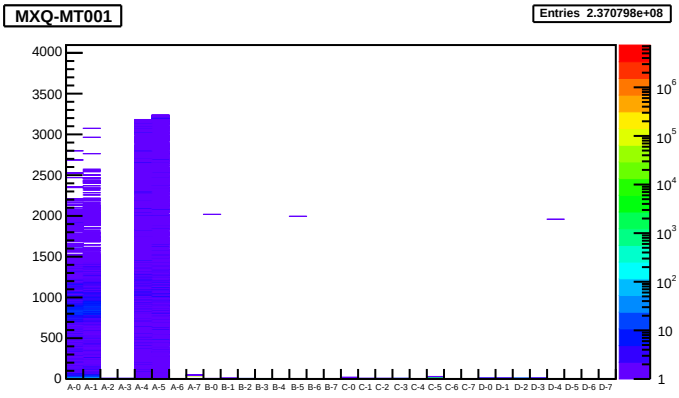

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

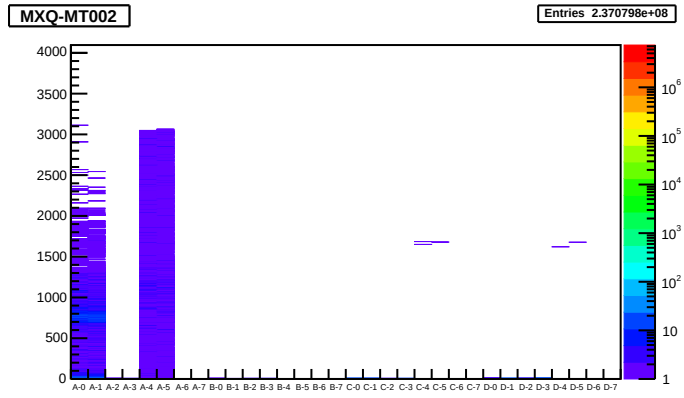

L2-TF201 Input chn 0 -- Number of Muons
Entries7408745
Number of Muons

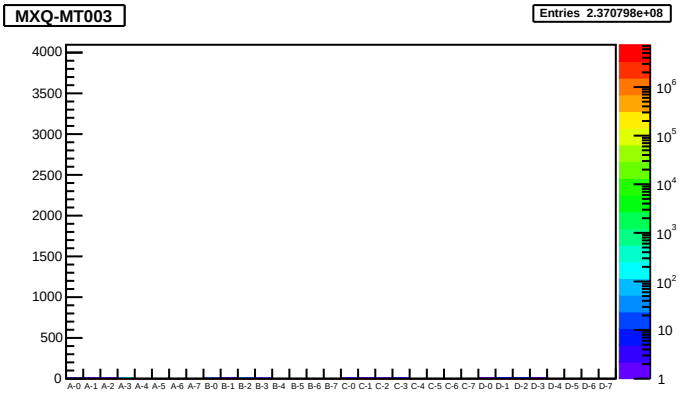

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

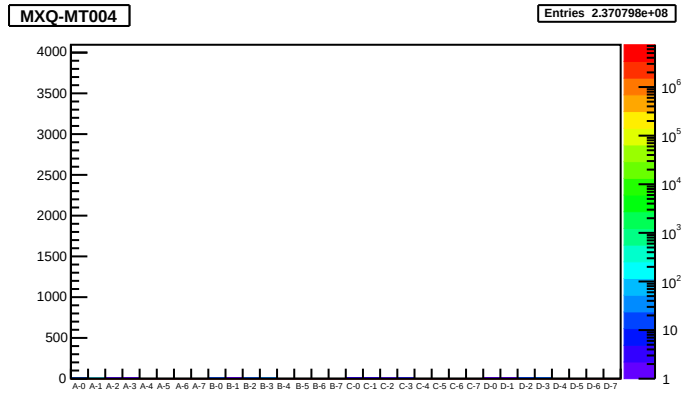

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.222624e+07
13402
42
37
7.39534e+06
7.4087e+06
7.40871e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

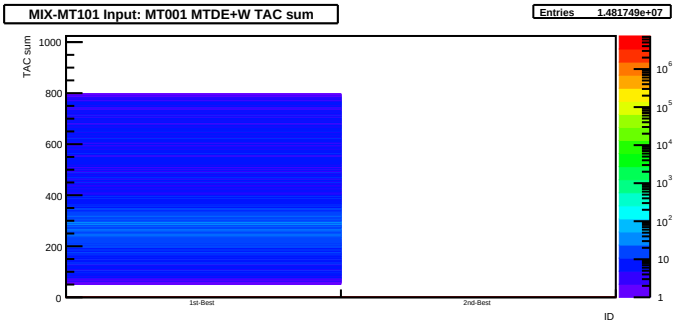

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

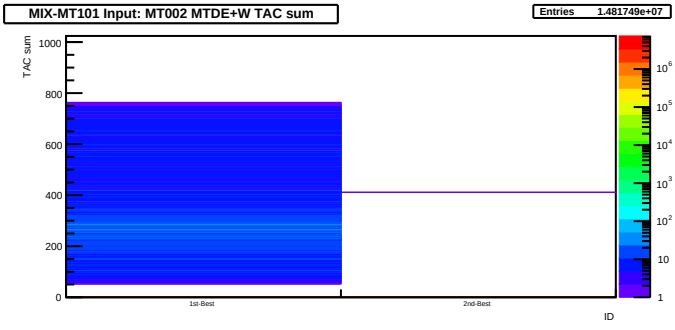

MXQ-MT001
Entries 2.370798e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

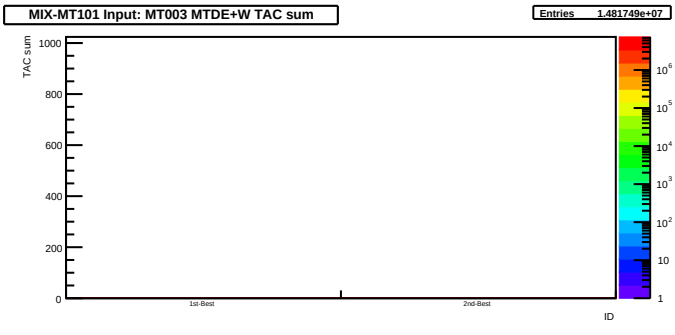

MXQ-MT002
Entries 2.370798e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

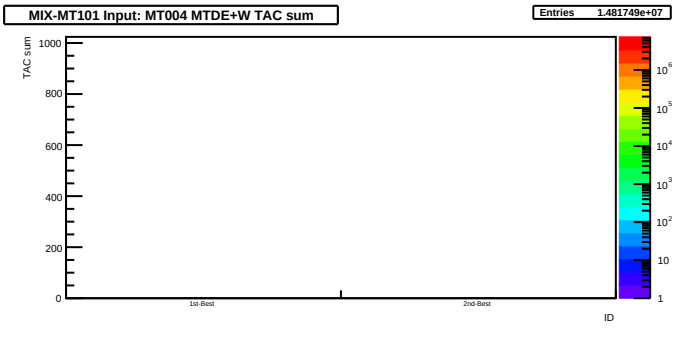

MXQ-MT003
Entries 2.370798e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

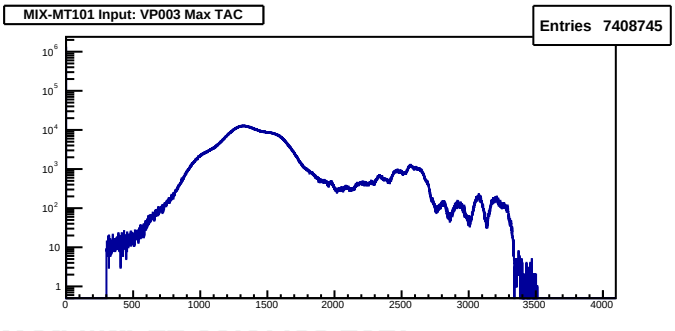

MXQ-MT004
Entries 2.370798e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

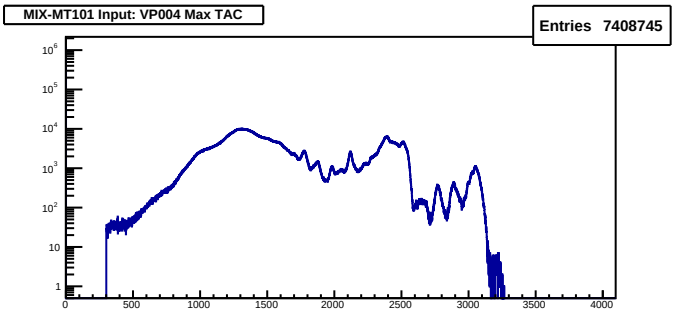

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.481749e+07
TAC sum
1st-Best
2nd-Best
ID

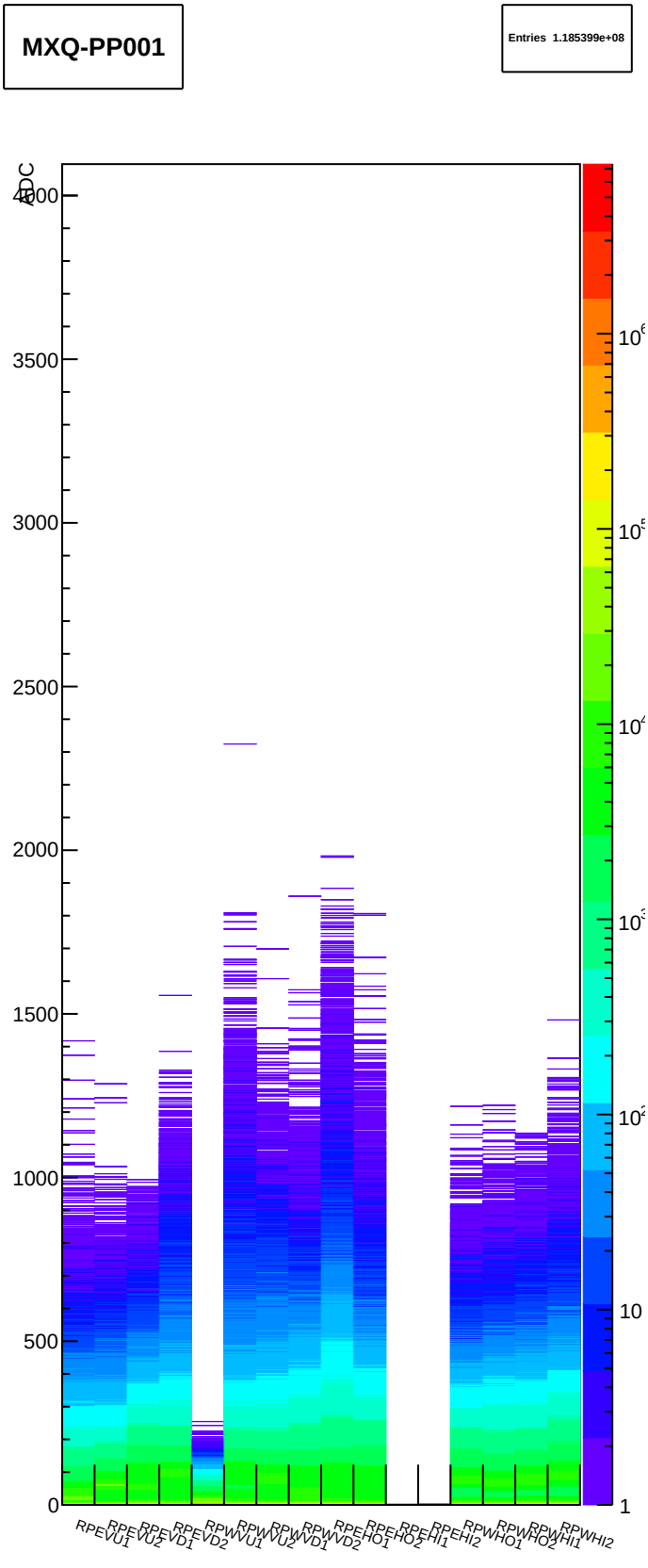

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.481749e+07
TAC sum
1st-Best
2nd-Best
ID

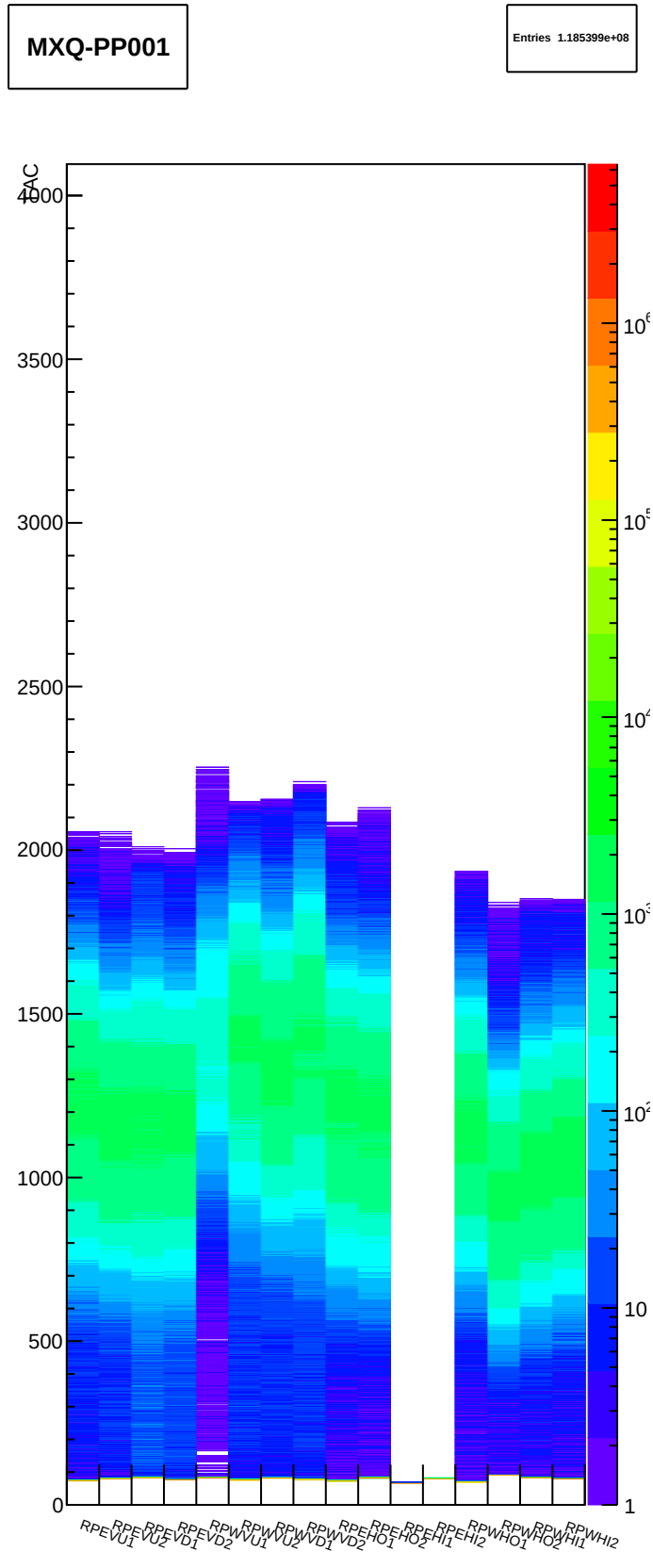

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.481749e+07
TAC sum
1st-Best
2nd-Best
ID

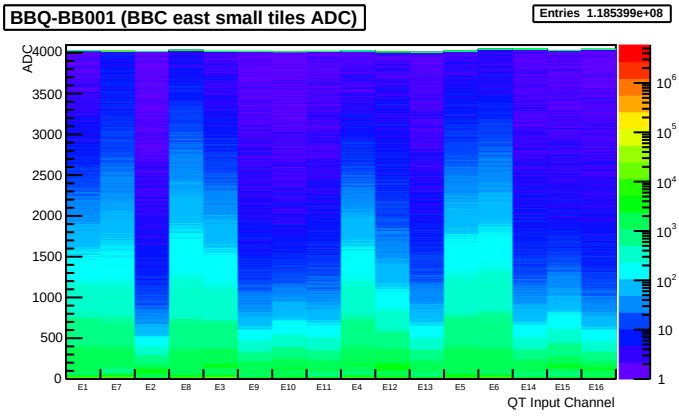

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.481749e+07
TAC sum
1st-Best
2nd-Best
ID

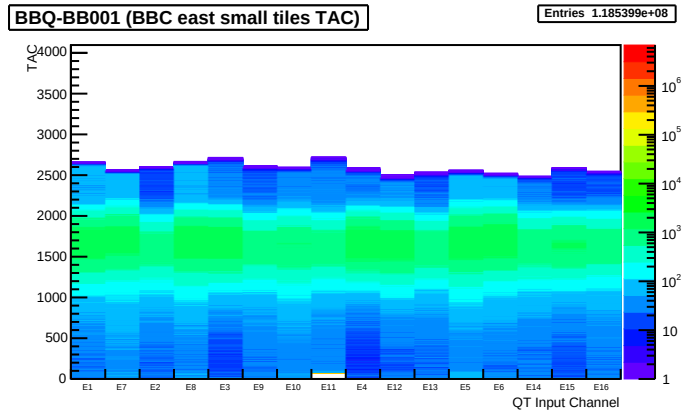

MIX-MT101 Input: VP003 Max TAC
Entries 7408745

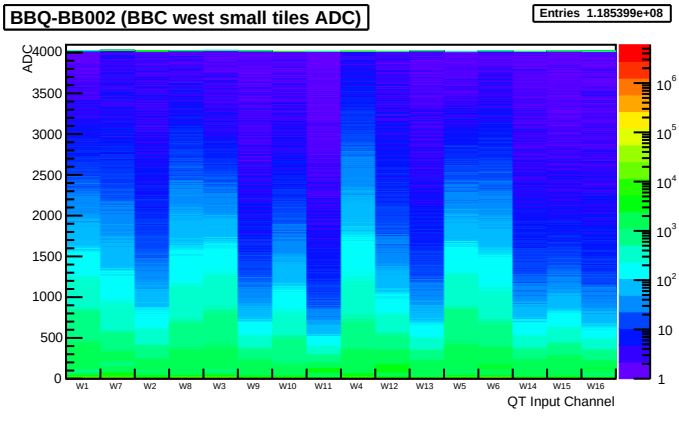

MIX-MT101 Input: VP004 Max TAC
Entries 7408745

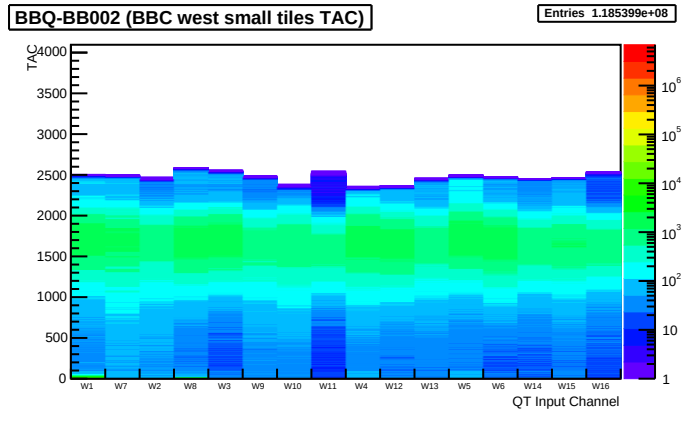

MXQ-PP001
Entries 1.185399e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

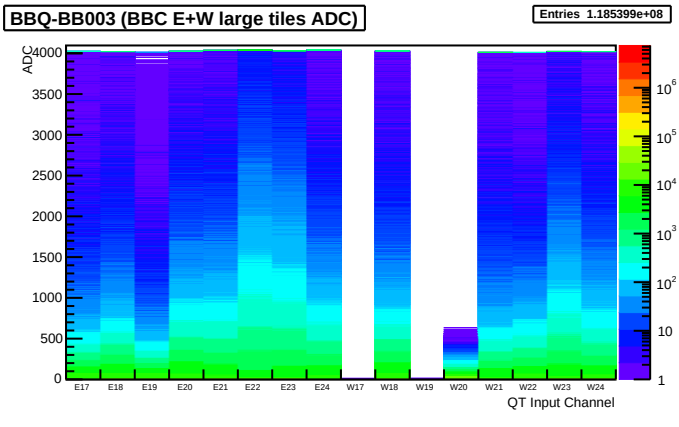

MXQ-PP001
Entries 1.185399e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

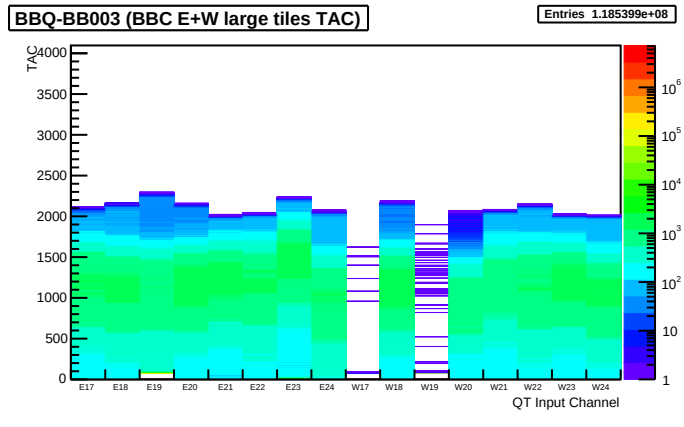

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.185399e+08
ADC
QT Input Channel

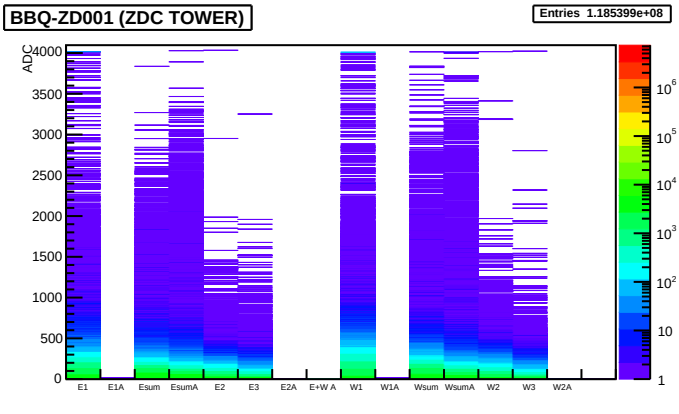

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.185399e+08
TAC
QT Input Channel

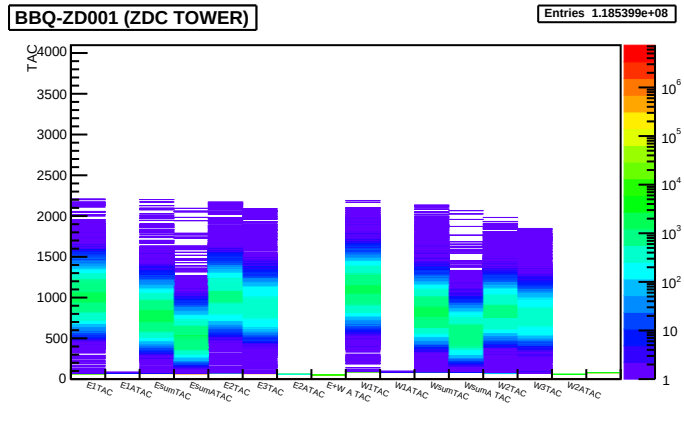

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.185399e+08
ADC
QT Input Channel

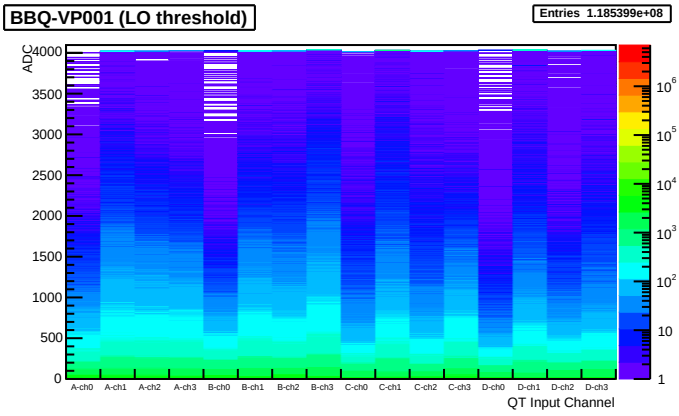

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.185399e+08
TAC
QT Input Channel

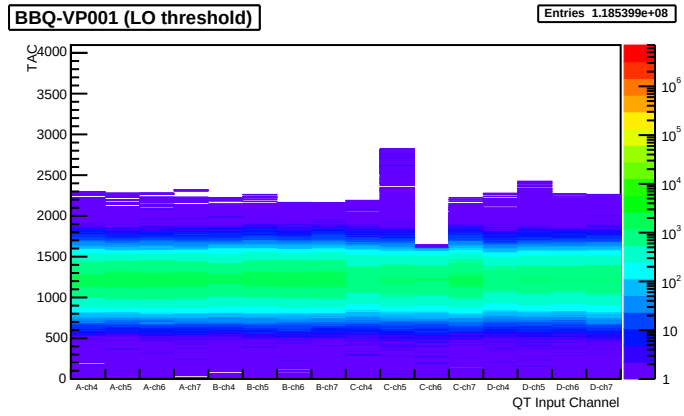

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.185399e+08
ADC
QT Input Channel

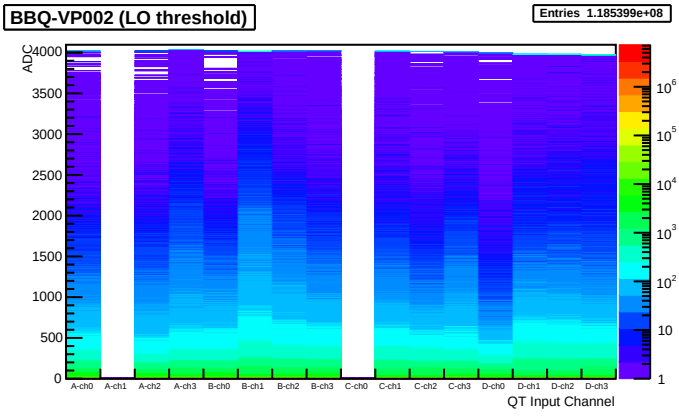

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.185399e+08
TAC
QT Input Channel

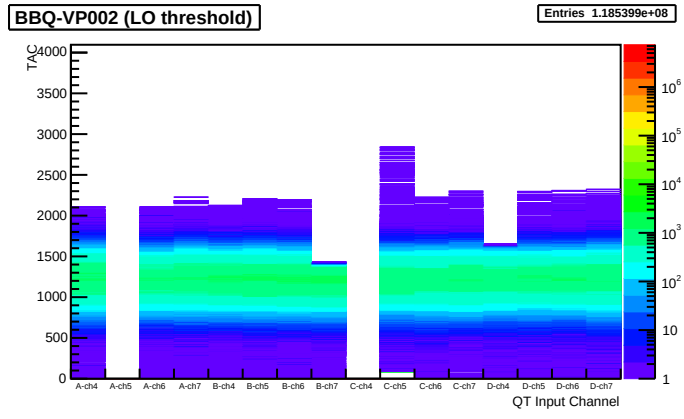

BBQ-ZD001 (ZDC TOWER)
Entries 1.185399e+08
ADC

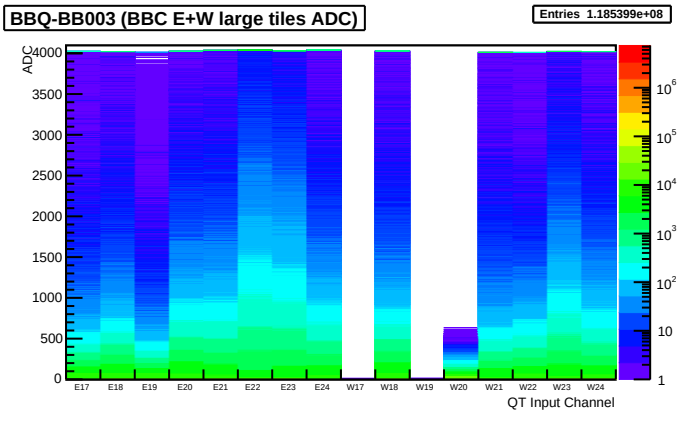

BBQ-ZD001 (ZDC TOWER)
Entries 1.185399e+08
TAC

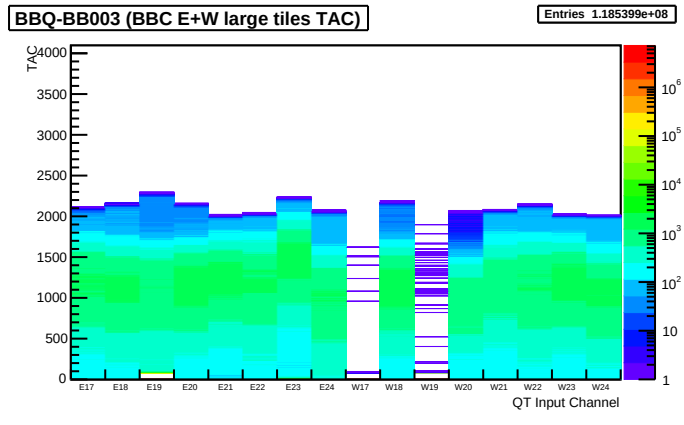

BBQ-VP001 (LO threshold)
Entries 1.185399e+08
ADC
QT Input Channel

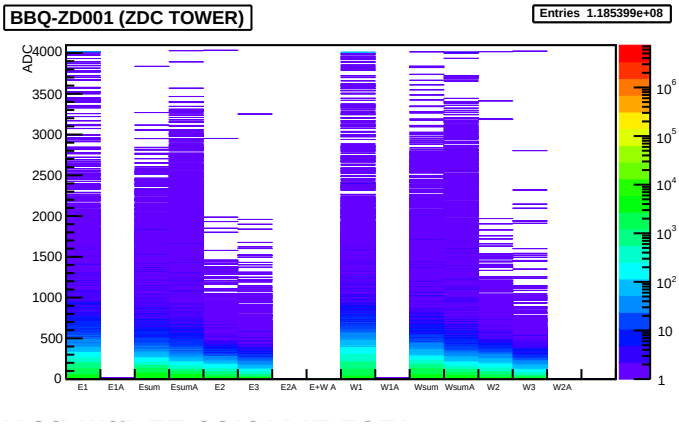

BBQ-VP001 (LO threshold)
Entries 1.185399e+08
TAC
QT Input Channel

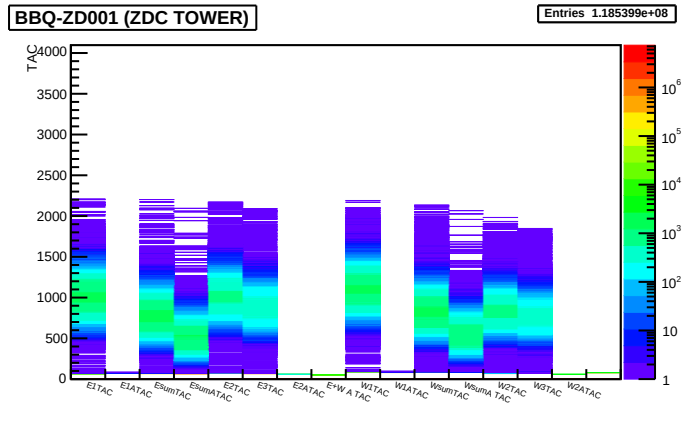

BBQ-VP002 (LO threshold)
Entries 1.185399e+08
ADC
QT Input Channel

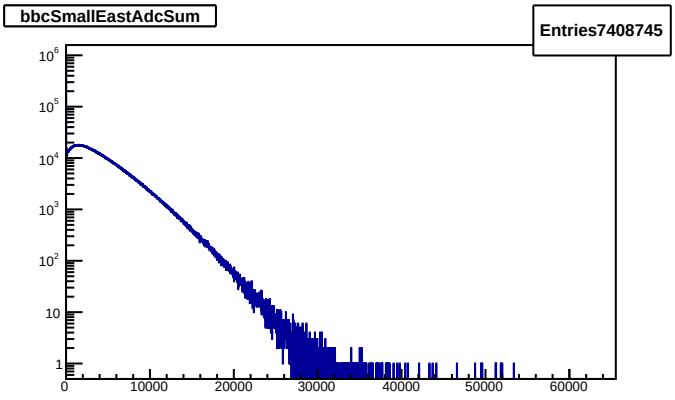

BBQ-VP002 (LO threshold)
Entries 1.185399e+08
TAC
QT Input Channel

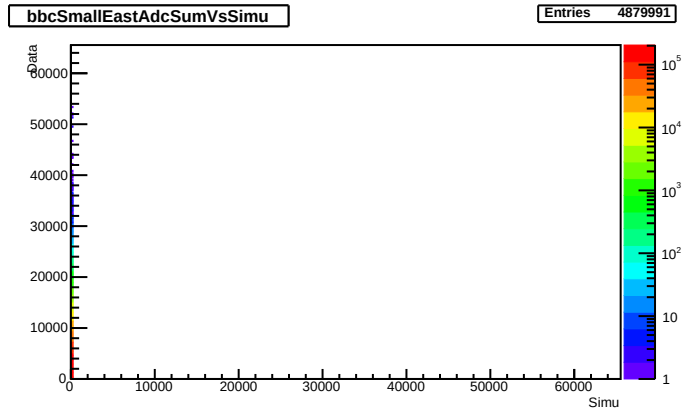

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.185399e+08
ADC
QT Input Channel

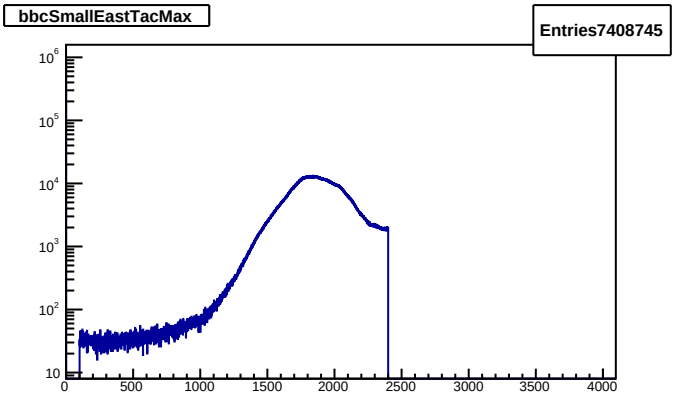

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.185399e+08
TAC
QT Input Channel

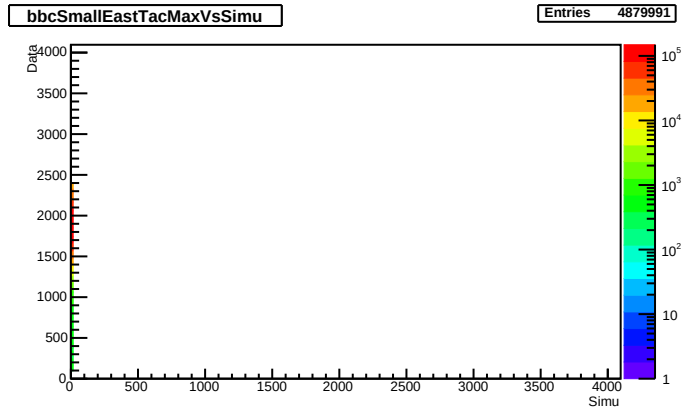

BBQ-ZD001 (ZDC TOWER)
Entries 1.185399e+08
ADC

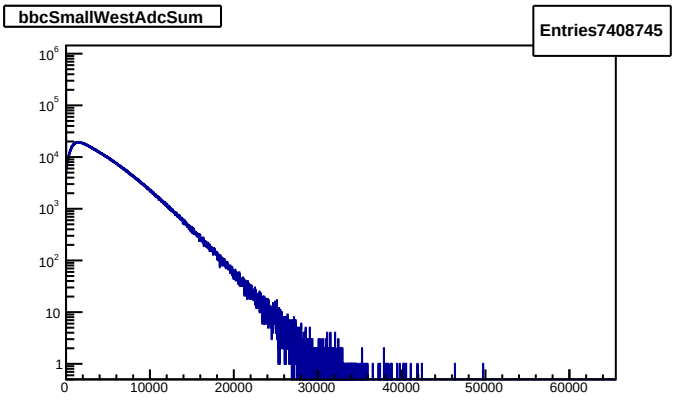

BBQ-ZD001 (ZDC TOWER)
Entries 1.185399e+08
TAC

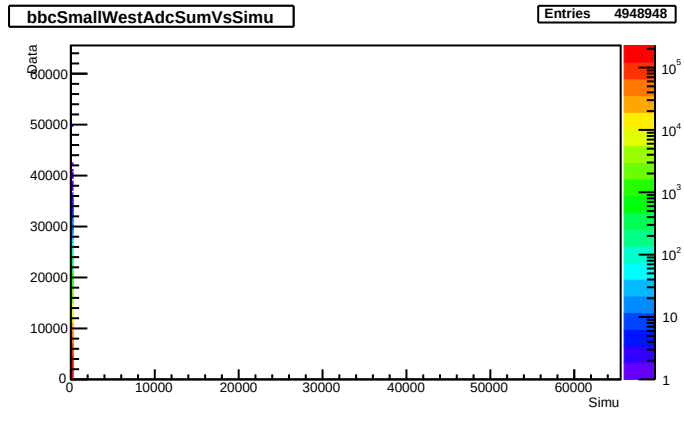

bbcSmallEastAdcSum
Entries7408745

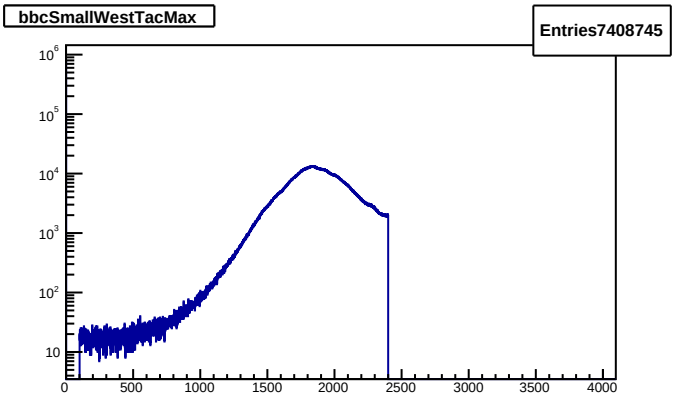

bbcSmallEastAdcSumVsSimu
Entries 4879991
Data
Simu

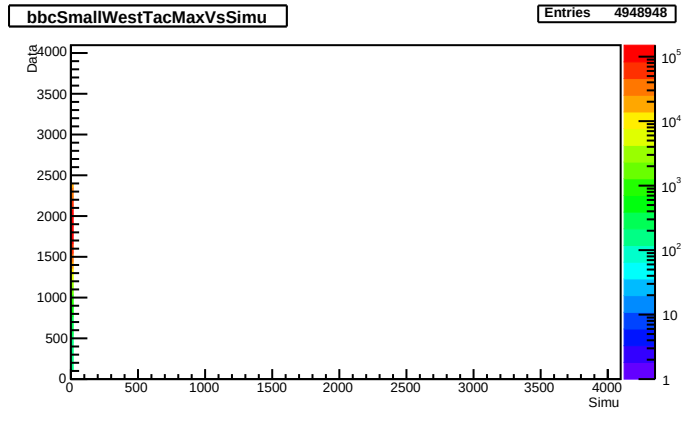

bbcSmallEastTacMax
Entries7408745

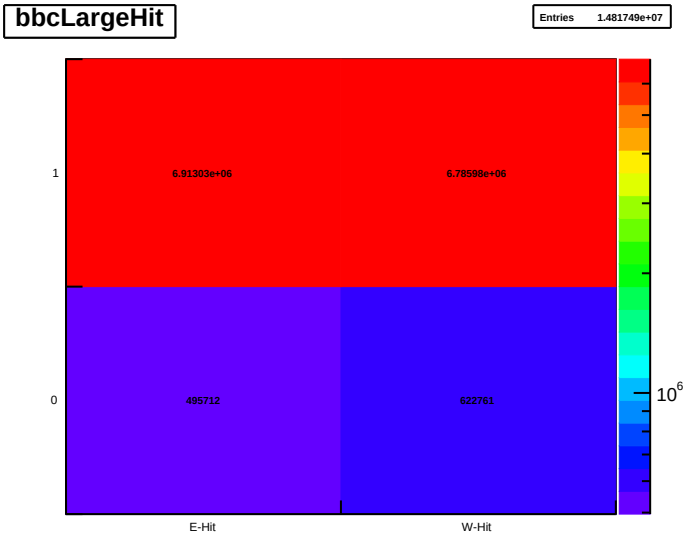

bbcSmallEastTacMaxVsSimu
Entries 4879991
Data
Simu

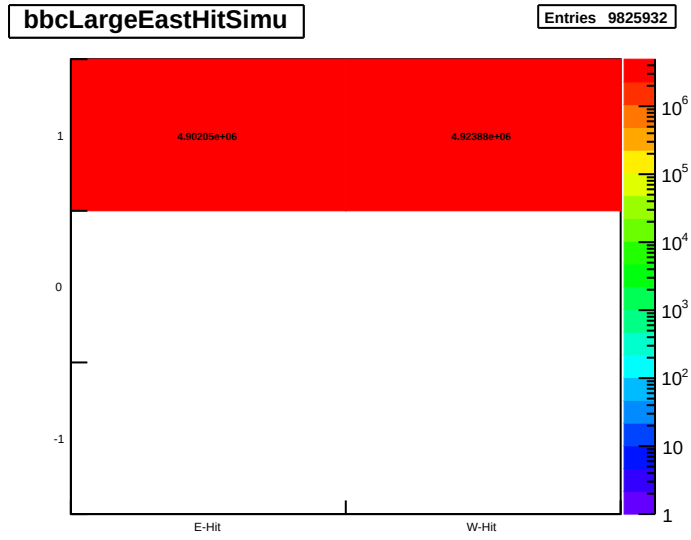

bbcSmallWestAdcSum
Entries7408745

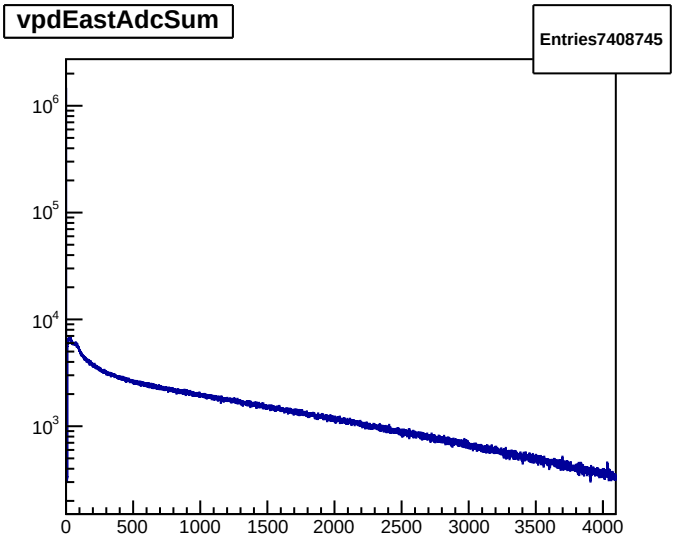

bbcSmallWestAdcSumVsSimu
Entries 4948948
Data
Simu

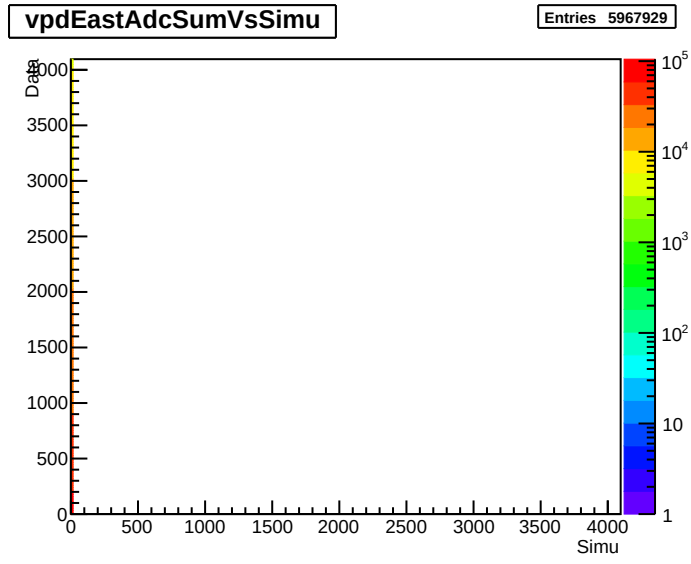

bbcSmallWestTacMax
Entries7408745

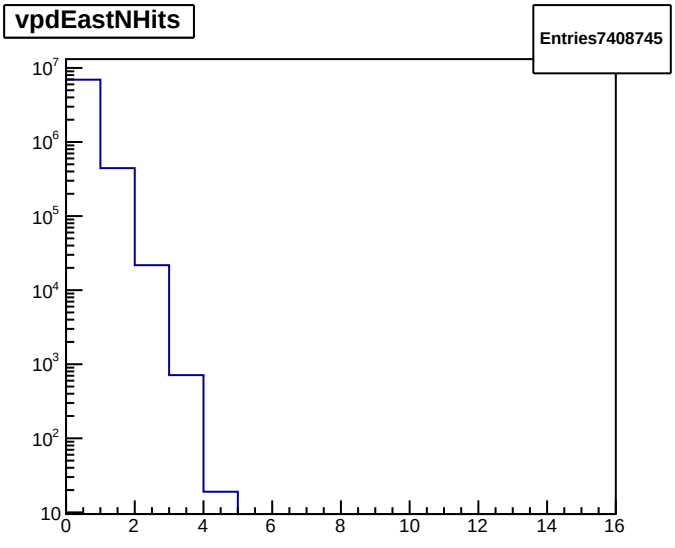

bbcSmallWestTacMaxVsSimu
Entries 4948948
Data
Simu

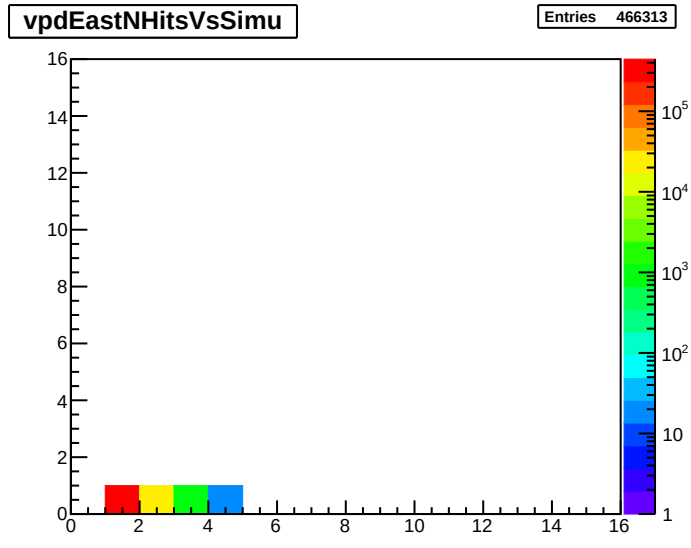

bbcLargeHit
Entries 1.481749e+07
1
0
6.91303e+06
6.78598e+06
495712
622761
E-Hit
W-Hit
10^6

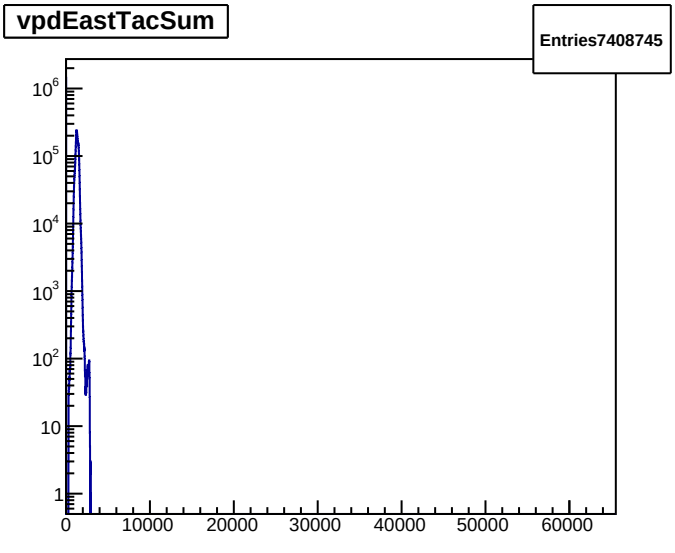

bbcLargeEastHitSimu
Entries 9825932
1
0
-1
4.90205e+06
4.92388e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

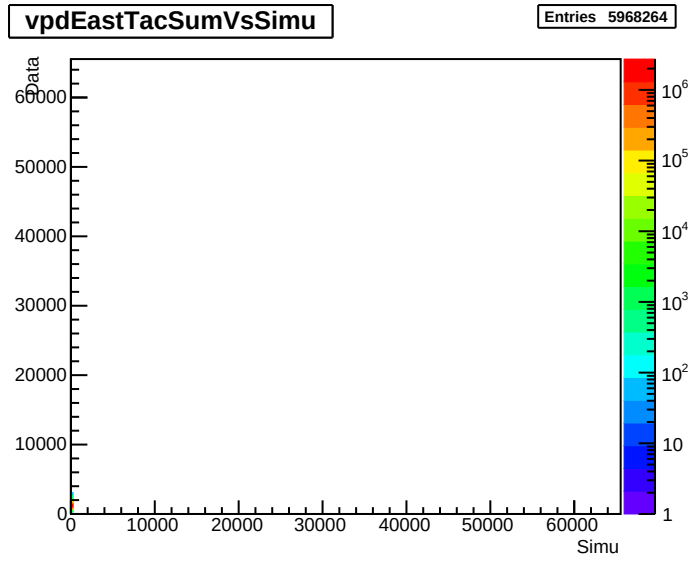

vpdEastAdcSum
Entries7408745

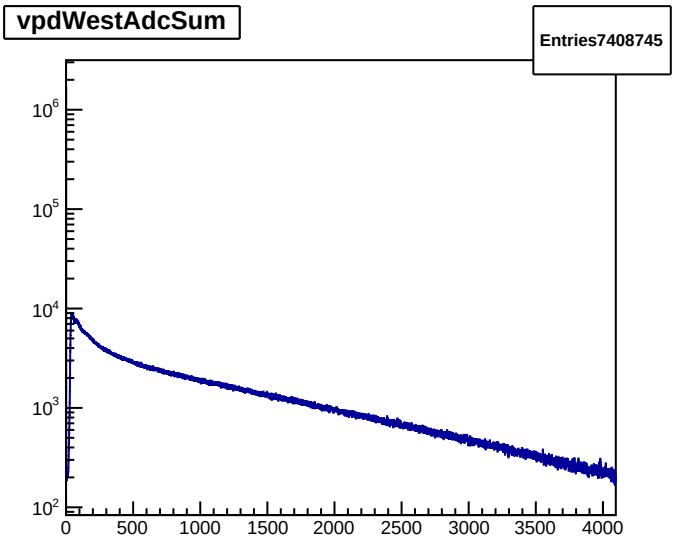

vpdEastAdcSumVsSimu
Entries 5967929
Data
Simu

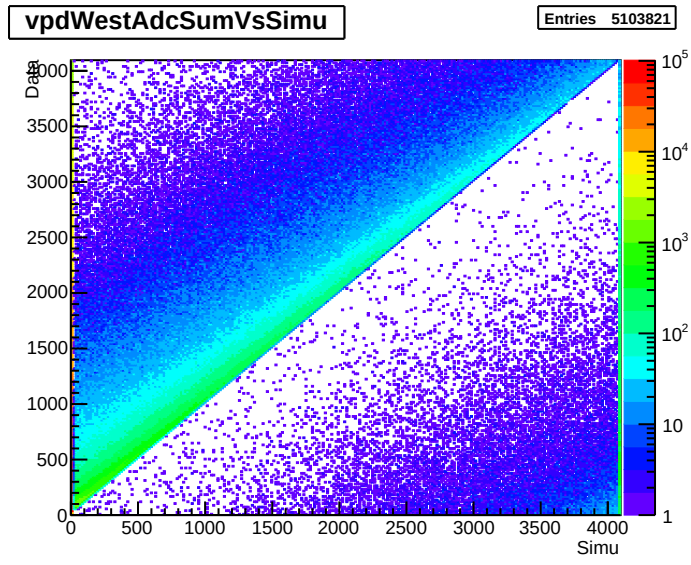

vpdEastNHits
Entries7408745

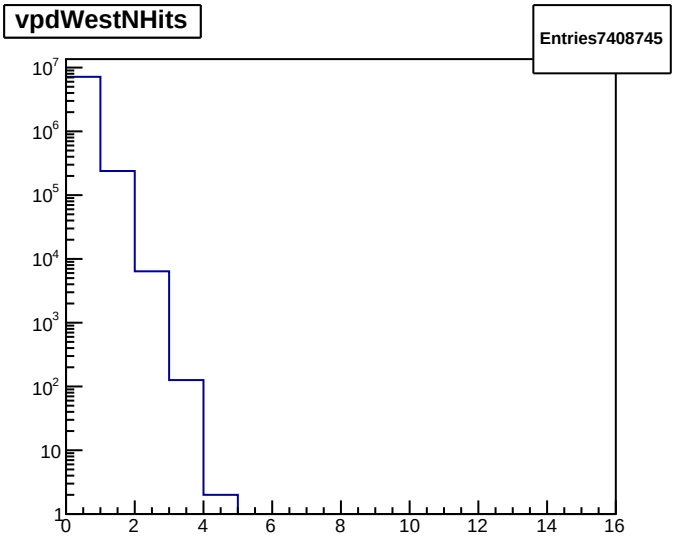

vpdEastNHitsVsSimu
Entries 466313

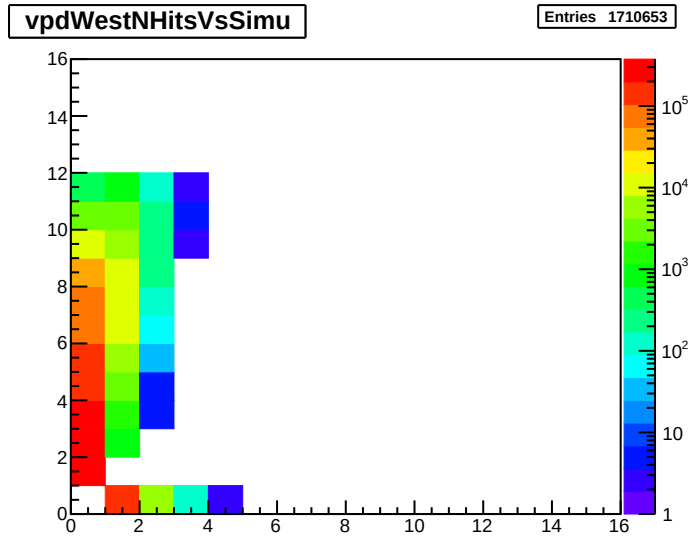

vpdEastTacSum
Entries7408745

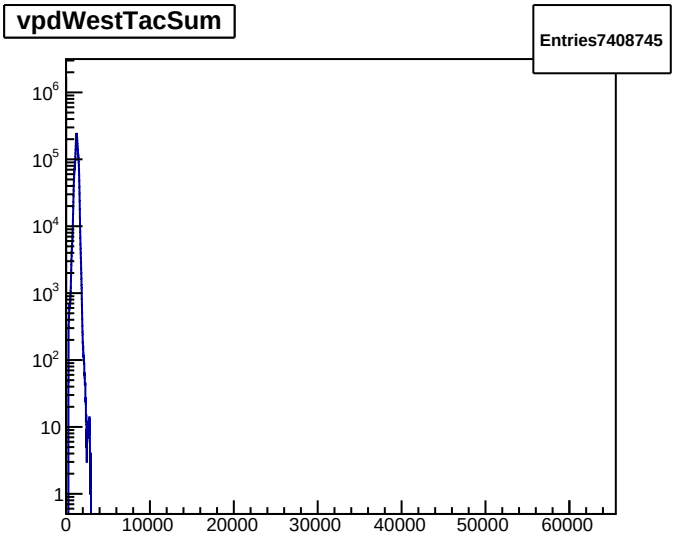

vpdEastTacSumVsSimu
Entries 5968264
Data
Simu

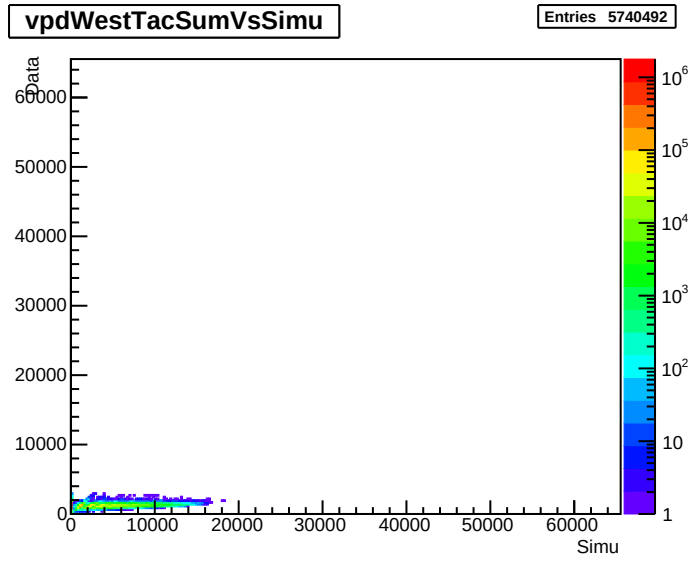

vpdWestAdcSum
Entries7408745

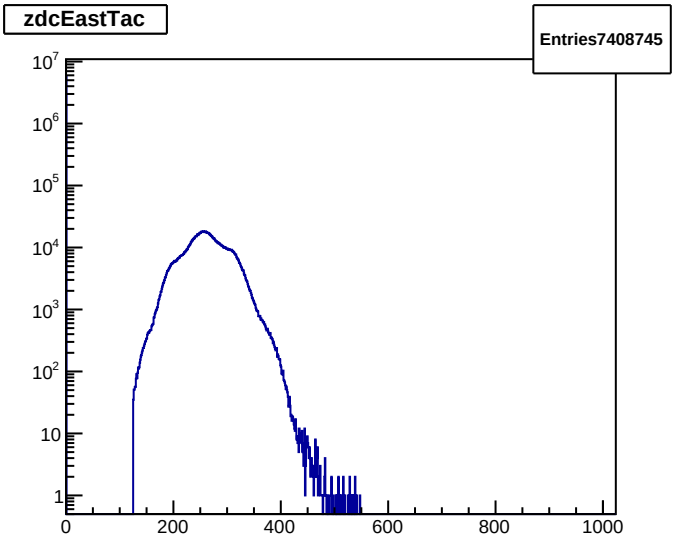

vpdWestAdcSumVsSimu
Entries 5103821
Data
Simu

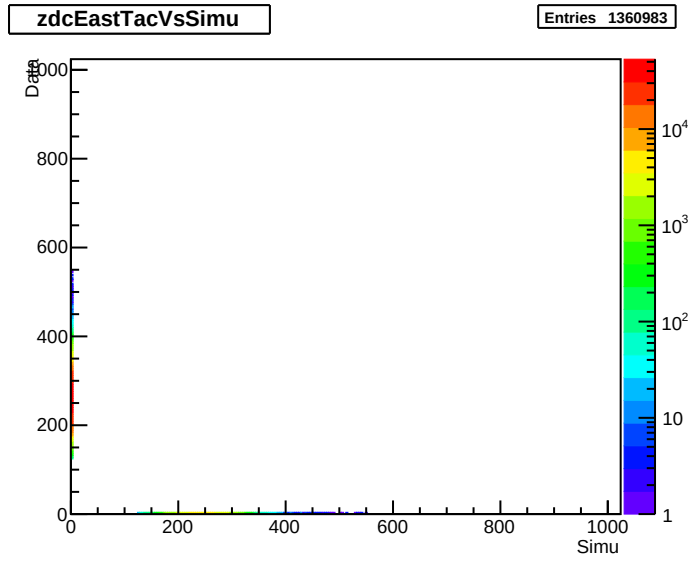

vpdWestNHits
Entries7408745

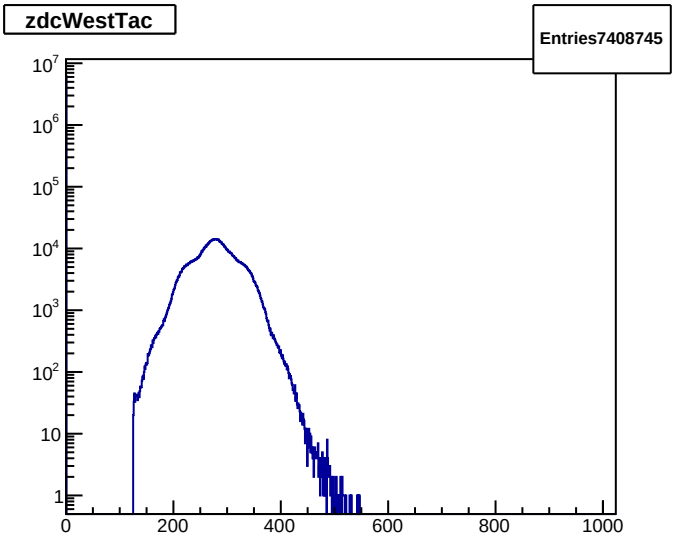

vpdWestNHitsVsSimu
Entries 1710653

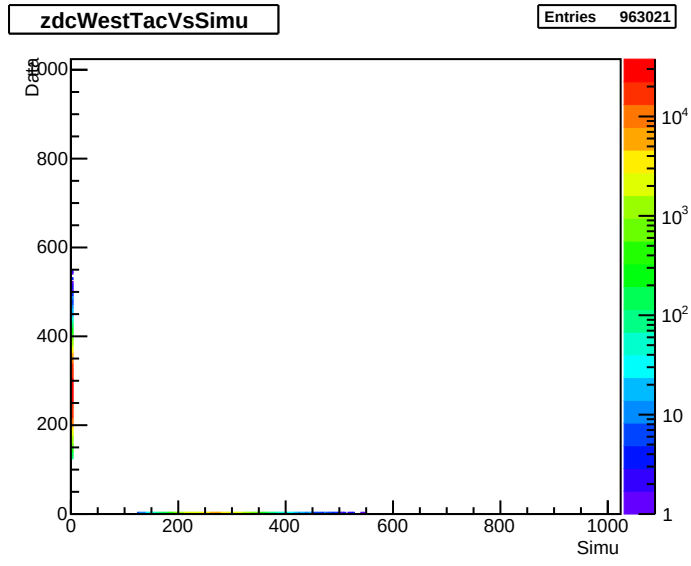

vpdWestTacSum
Entries7408745

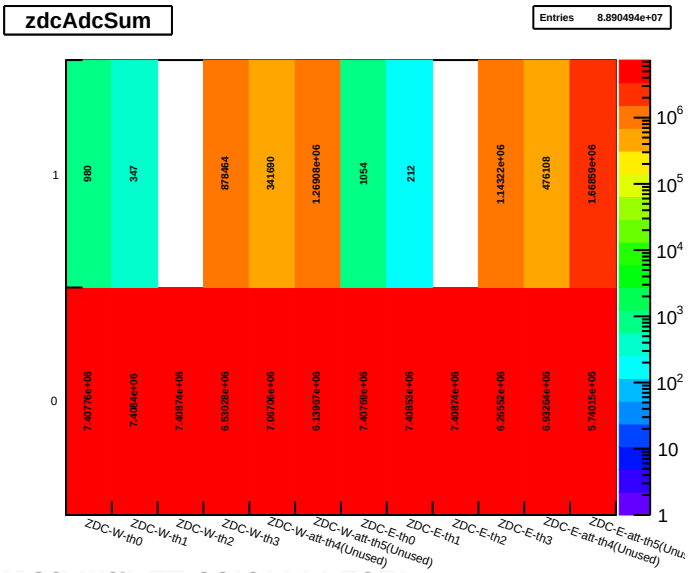

vpdWestTacSumVsSimu
Entries 5740492
Data
Simu

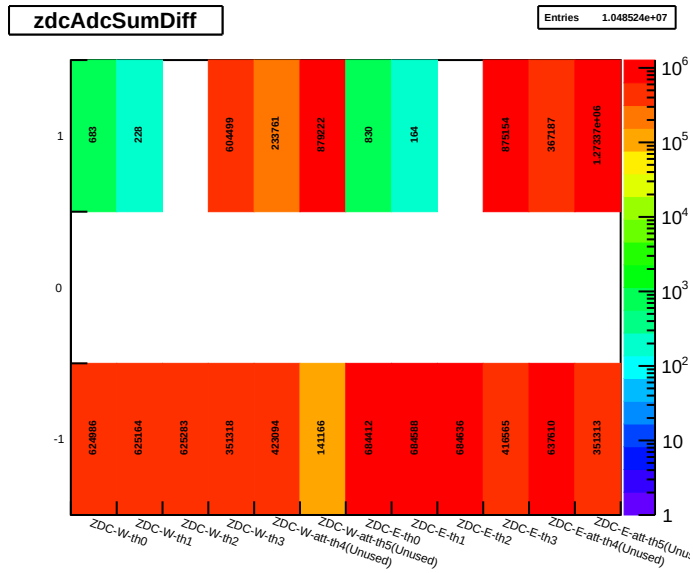

zdcEastTac
Entries7408745

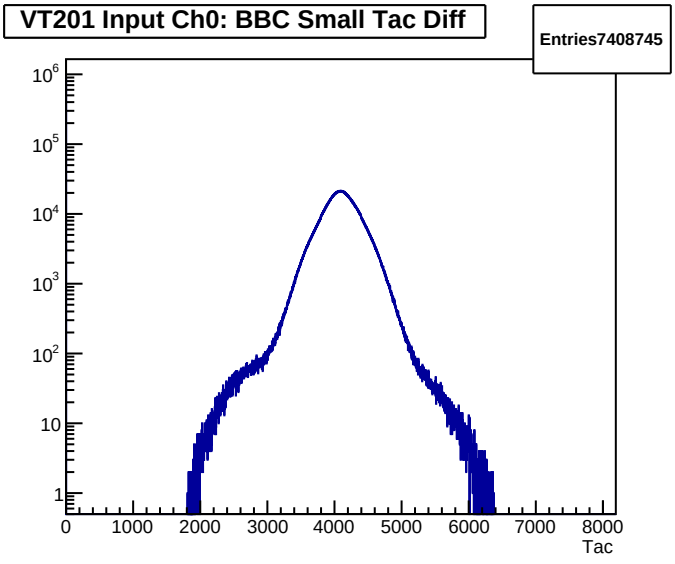

zdcEastTacVsSimu
Entries 1360983
Data
Simu

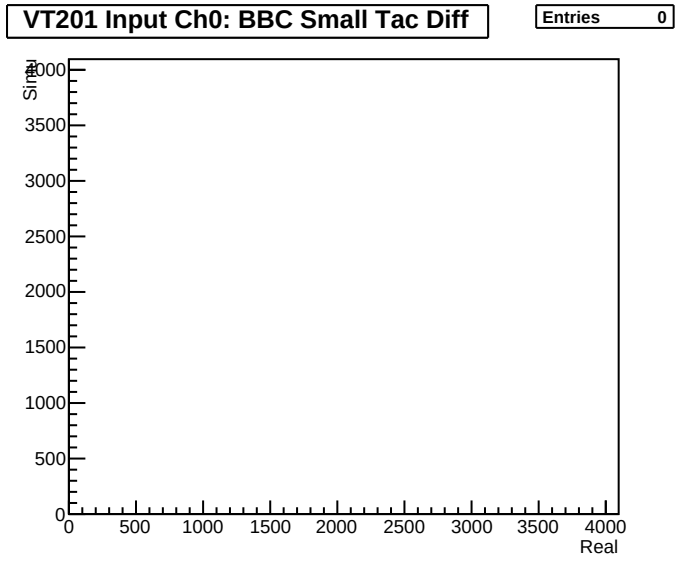

zdcWestTac
Entries7408745

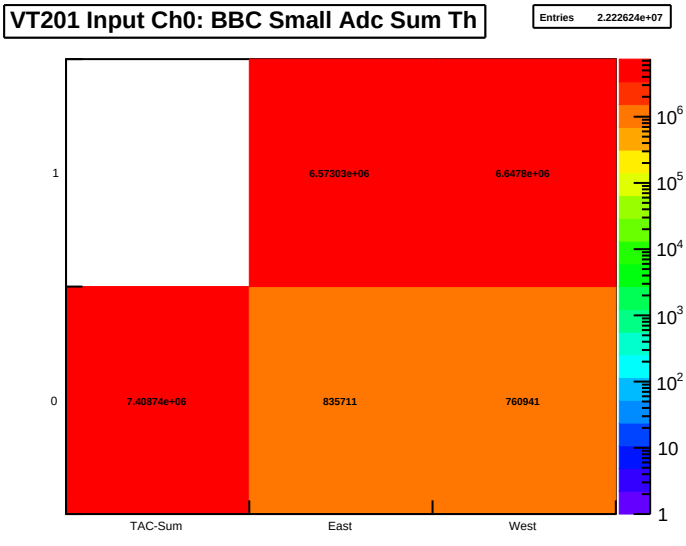

zdcWestTacVsSimu
Entries 963021
Data
Simu

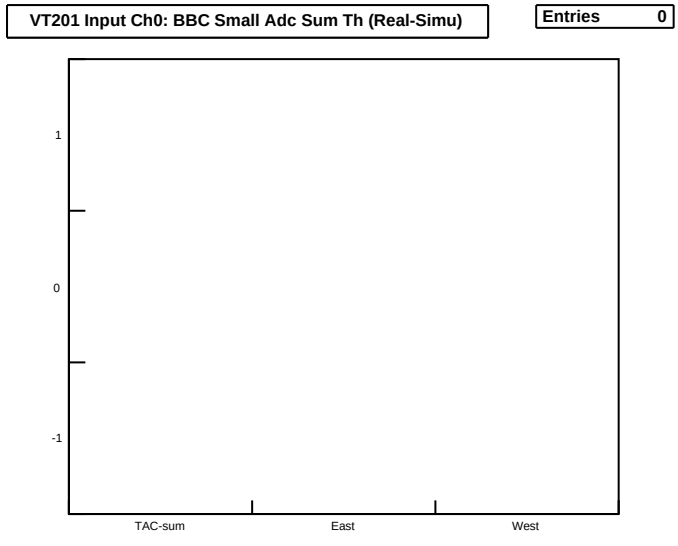

zdcAdcSum
Entries 8.890494e+07
980
347
879464
341690
1.26908e+06
1054
212
1.14322e+06
476108
1.66889e+06
7.40776e+06
7.40844e+06
7.40874e+06
6.53028e+06
7.06706e+06
6.13967e+06
7.40769e+06
7.40853e+06
7.40874e+06
6.26552e+06
6.93284e+06
5.74015e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

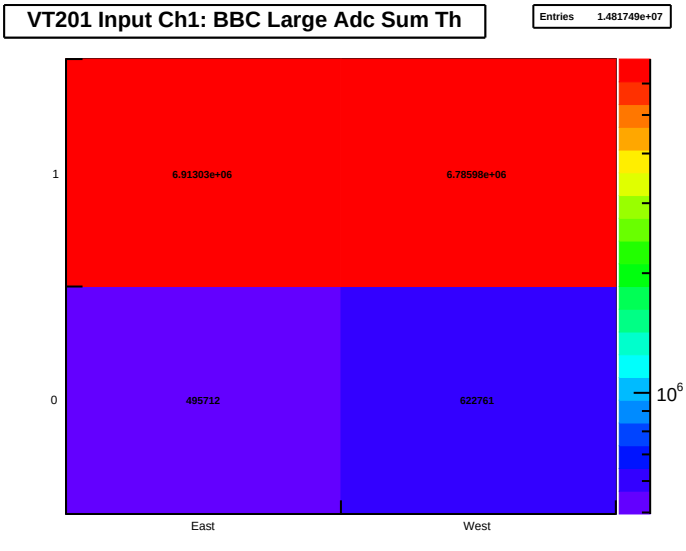

zdcAdcSumDiff
Entries 1.048524e+07
683
228
604499
233761
879222
830
164
875154
367187
1.27337e+06
624986
625164
625283
351318
423094
141166
684412
684568
684636
415565
637610
351313
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

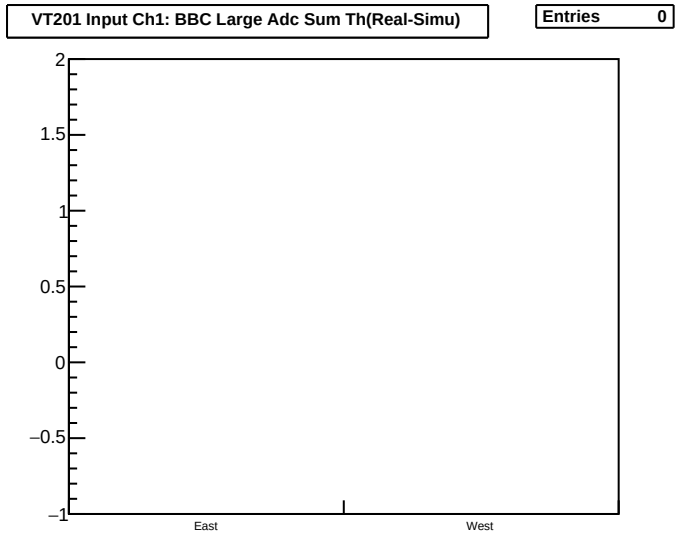

VT201 Input Ch0: BBC Small Tac Diff
Entries7408745
Tac


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

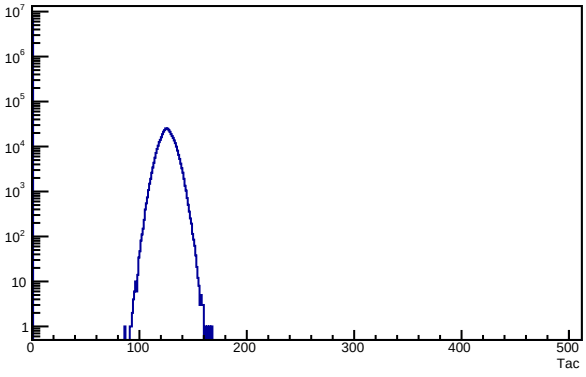

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.222624e+07
6.57303e+06
6.6478e+06
7.40874e+06
835711
760941
TAC-Sum
East
West


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

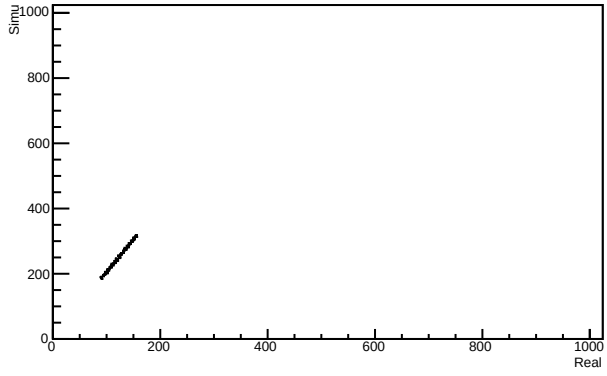

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.481749e+07
6.91303e+06
6.78598e+06
495712
622761
East
West


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

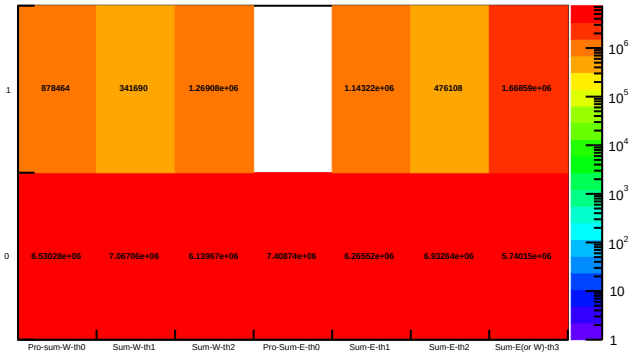
VT201 Input Ch2: ZDC Tac Diff



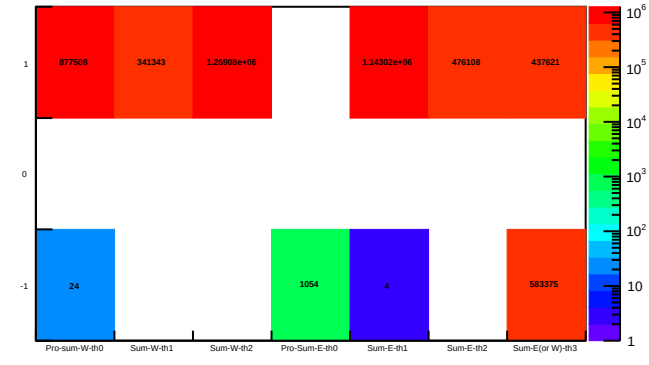
VT201 Input Ch2: ZDC Tac Diff



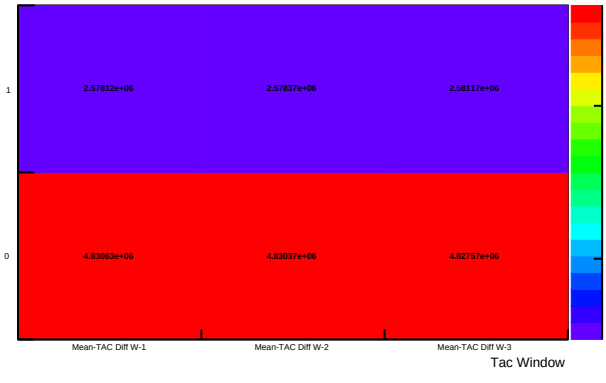
VT201 Input Ch2: ZDC Adc Sum Th



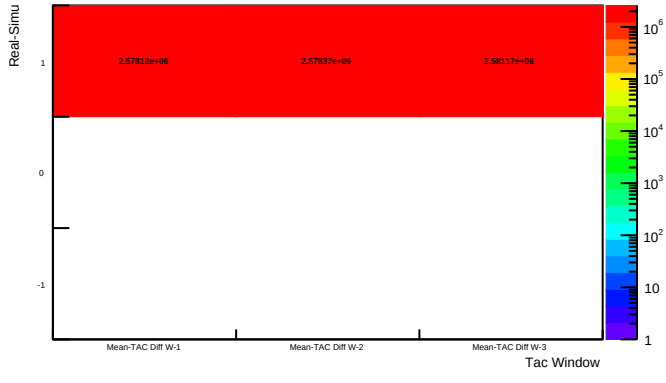
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



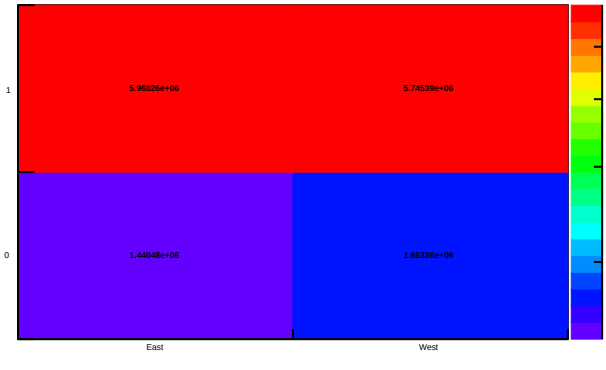
VT201 Input Ch4: VPD Tac Diff



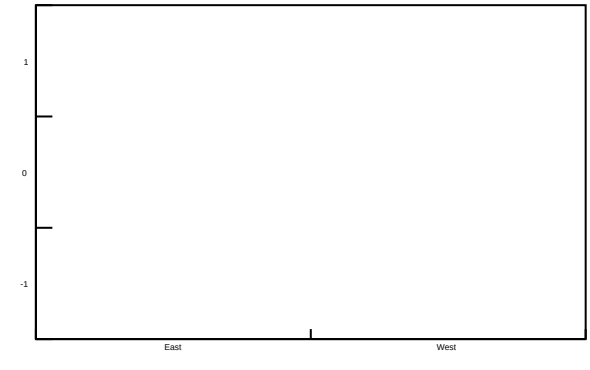
VT201 Input Ch4: VPD Tac Diff

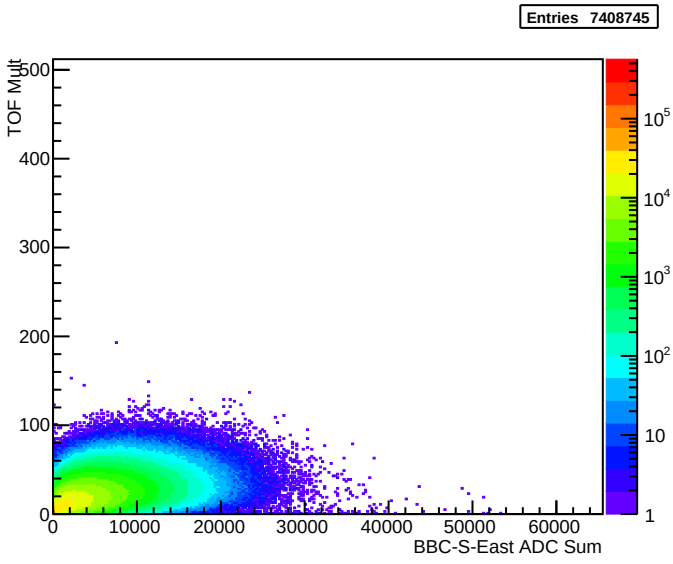


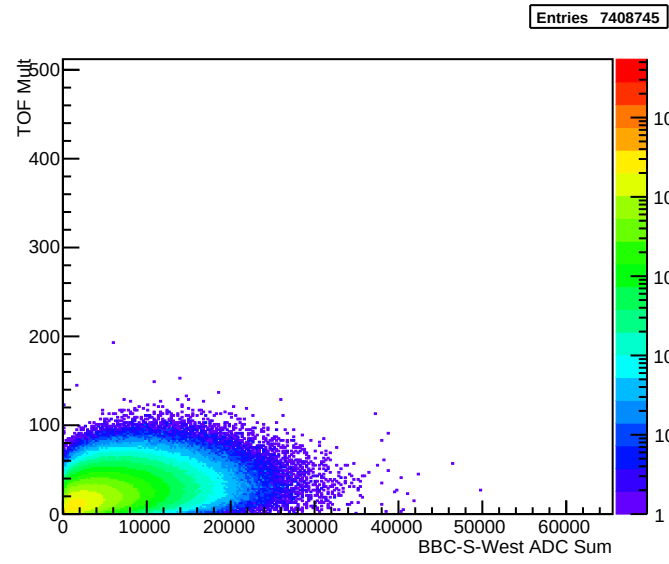
VT201 Input Ch4: VPD Adc Sum Th

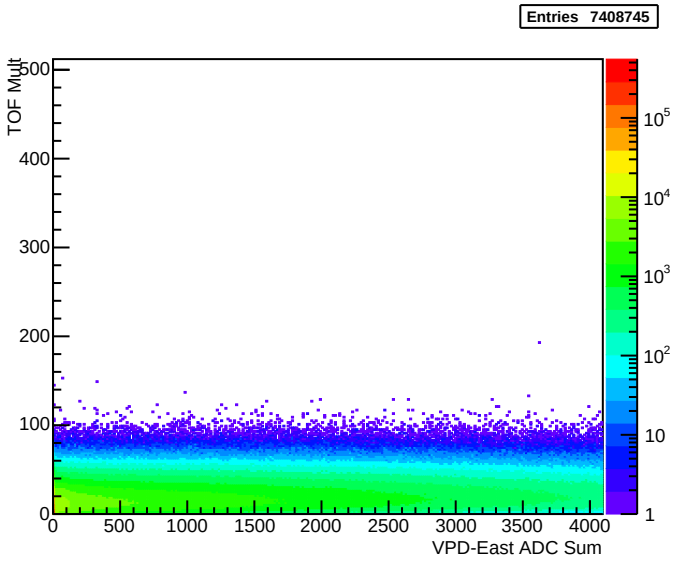


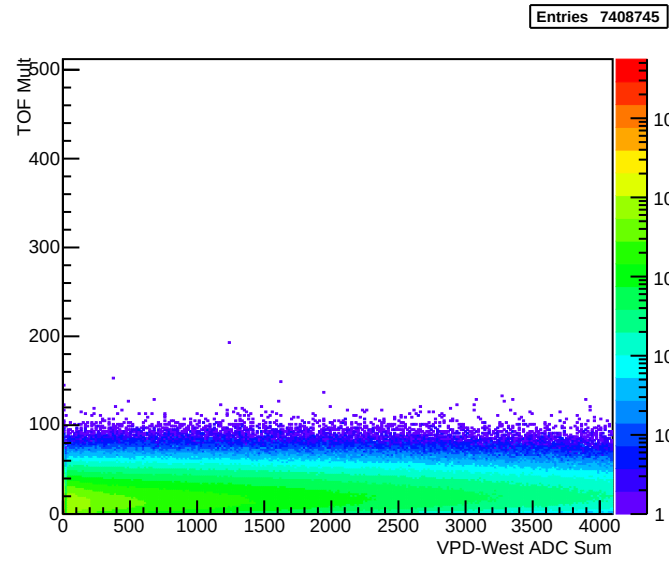
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

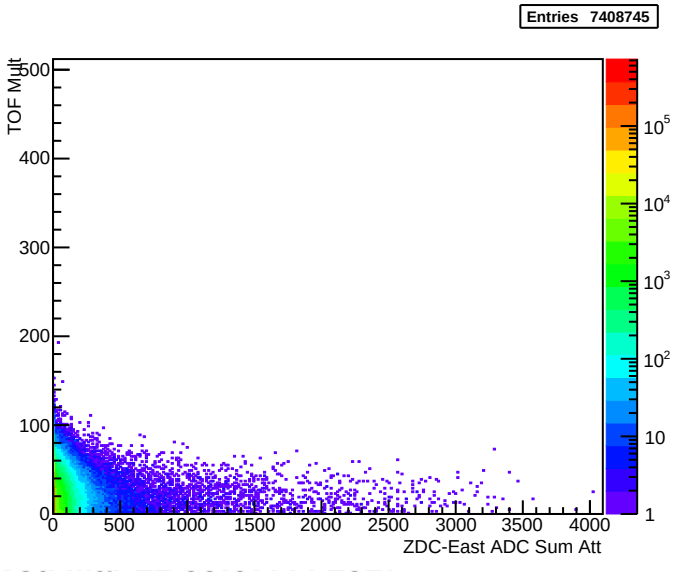


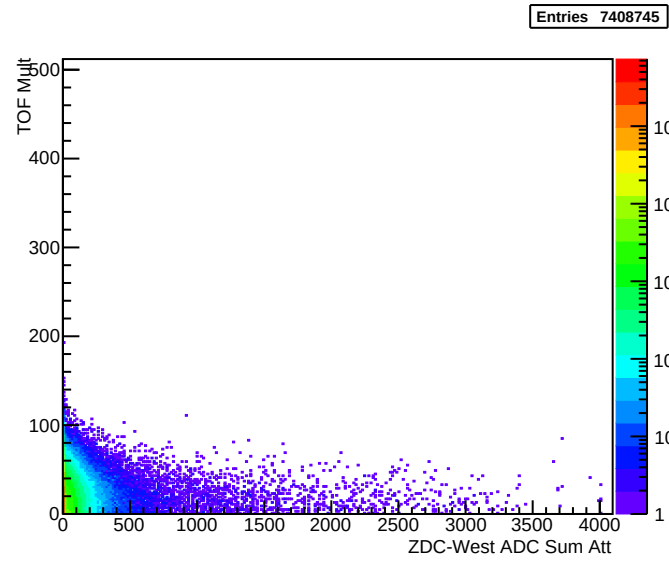

Entries 7408745
TOF Mult
BBC-S-East ADC Sum

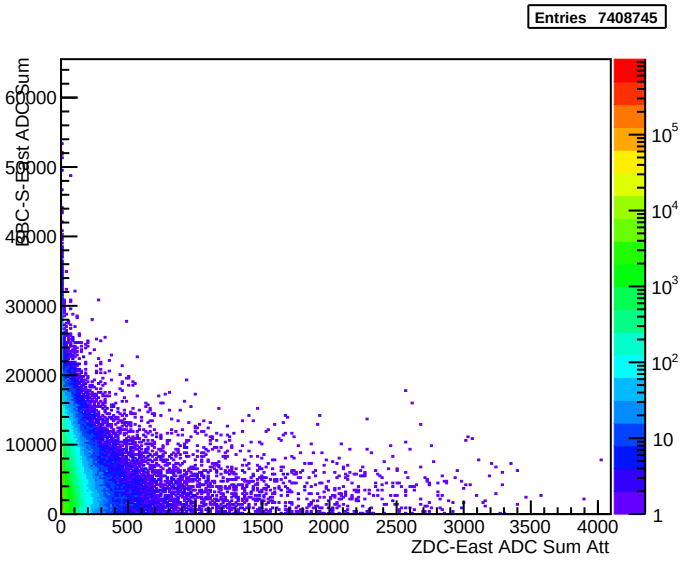

Entries 7408745
TOF Mult
BBC-S-West ADC Sum

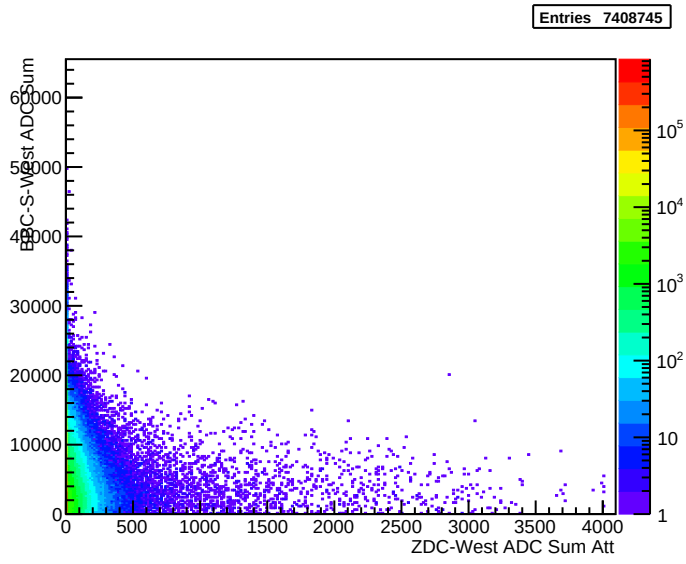

Entries 7408745
TOF Mult
VPD-East ADC Sum

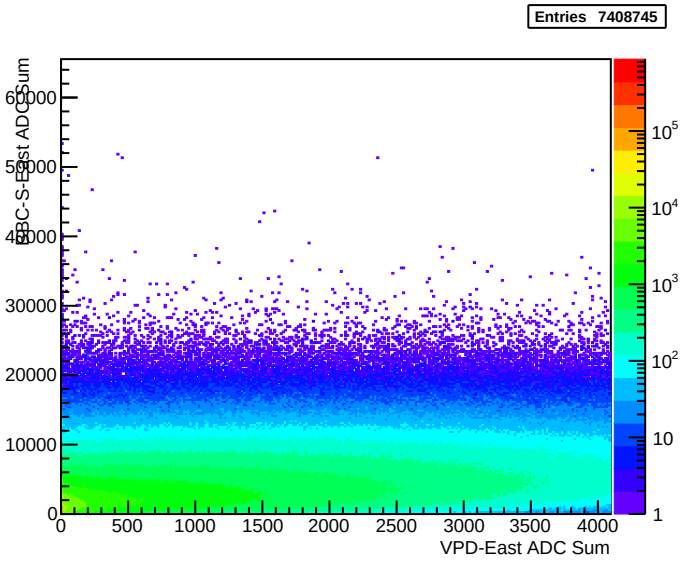

Entries 7408745
TOF Mult
VPD-West ADC Sum

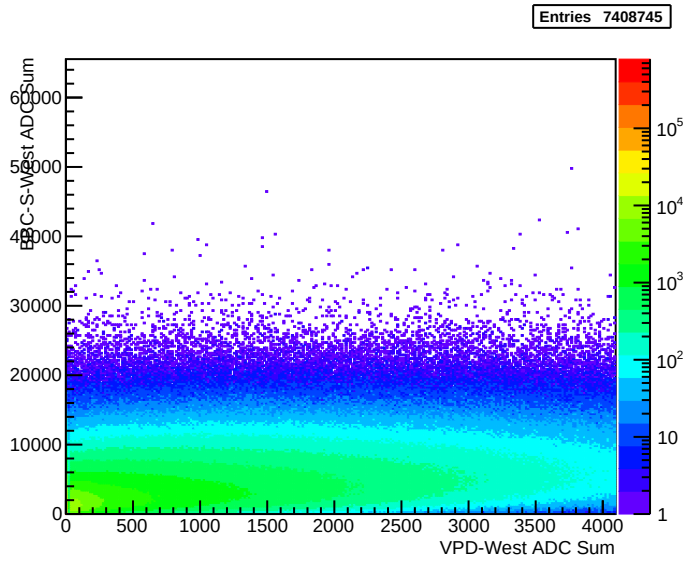

Entries 7408745
TOF Mult
ZDC-East ADC Sum Att

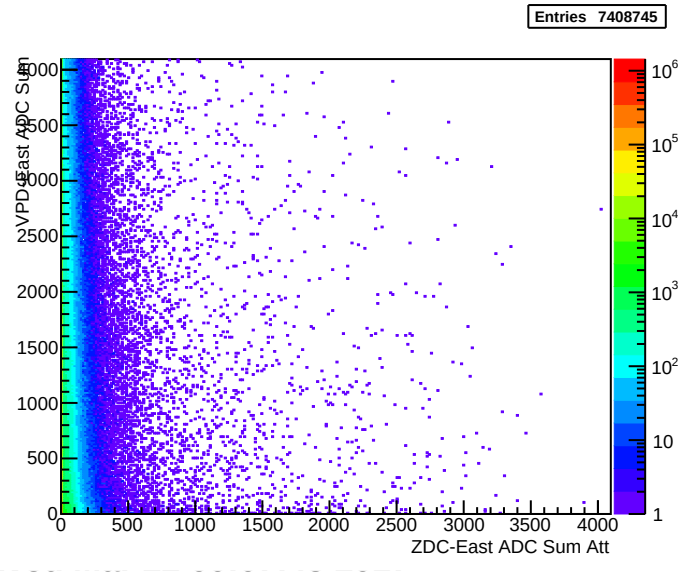

Entries 7408745
TOF Mult
ZDC-West ADC Sum Att

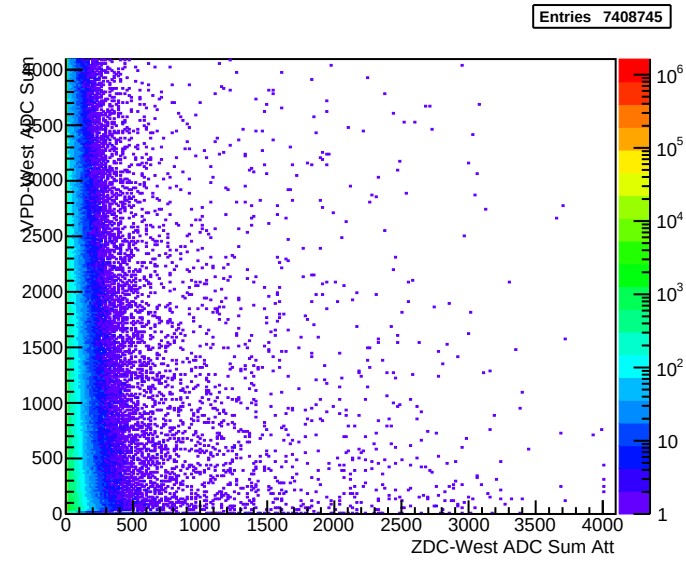

Entries 7408745
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

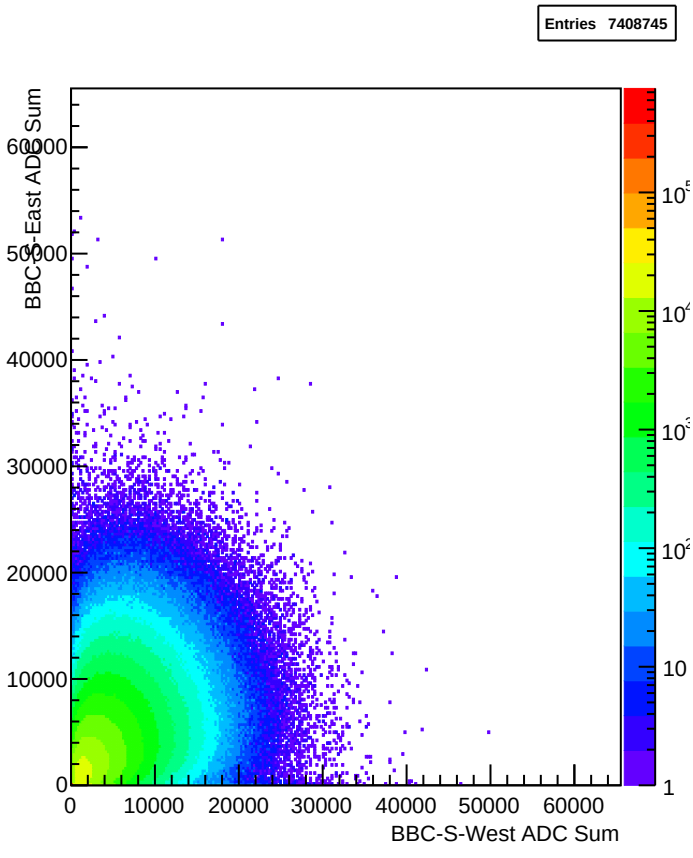

Entries 7408745
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

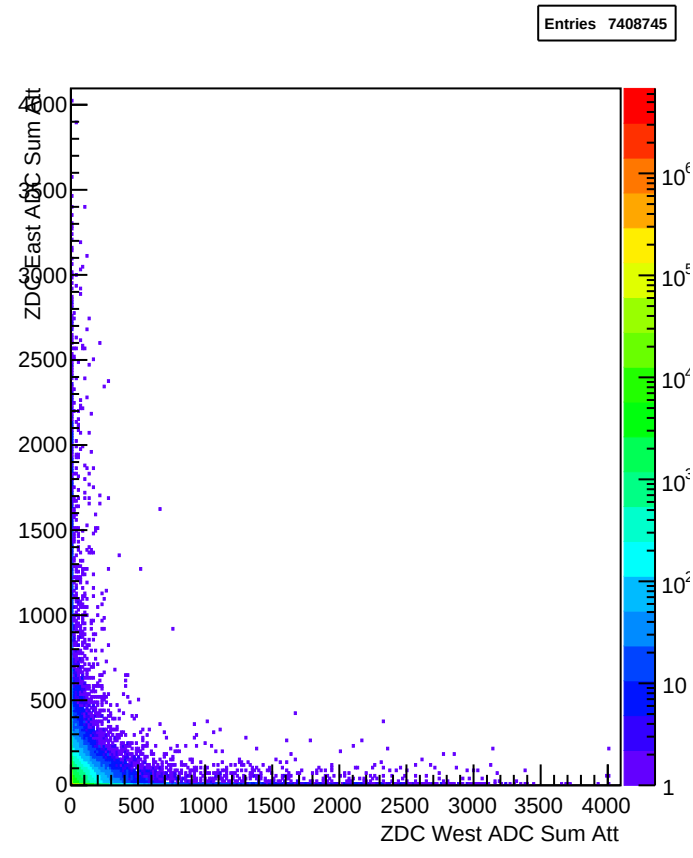

Entries 7408745
BBC-S-East ADC Sum
VPD-East ADC Sum

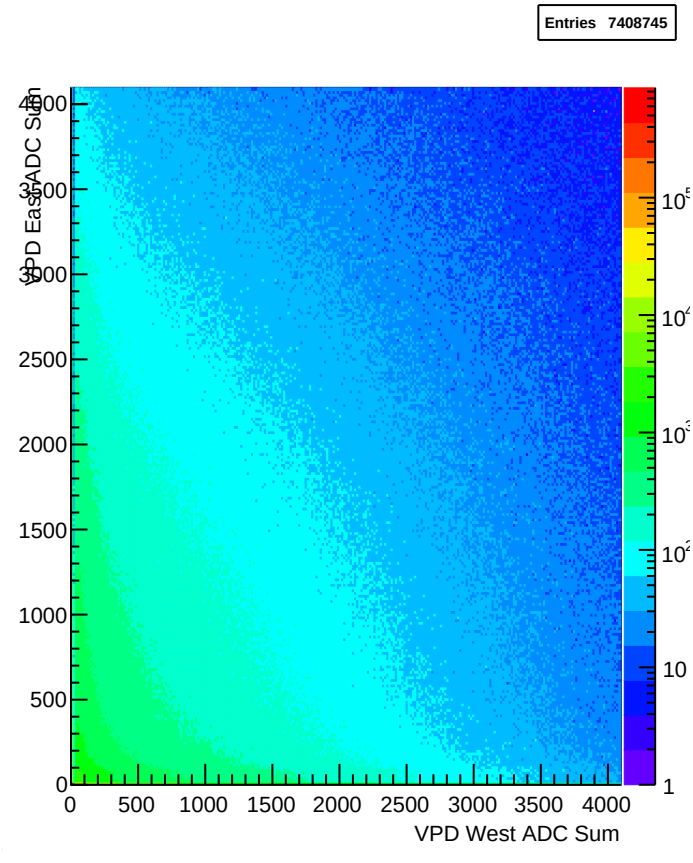

Entries 7408745
BBC-S-West ADC Sum
VPD-West ADC Sum

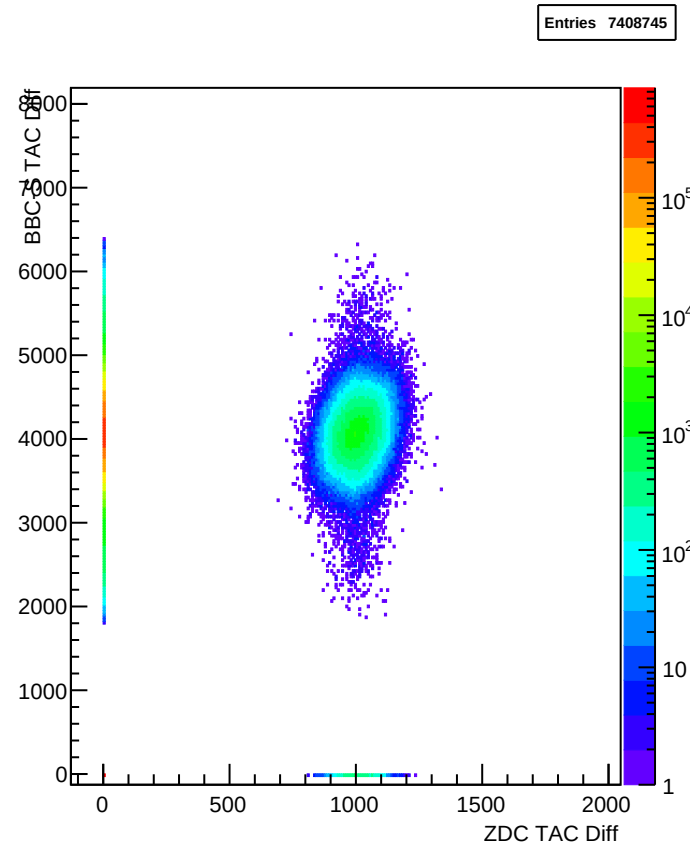

Entries 7408745
VPD-East ADC Sum
ZDC-East ADC Sum Att

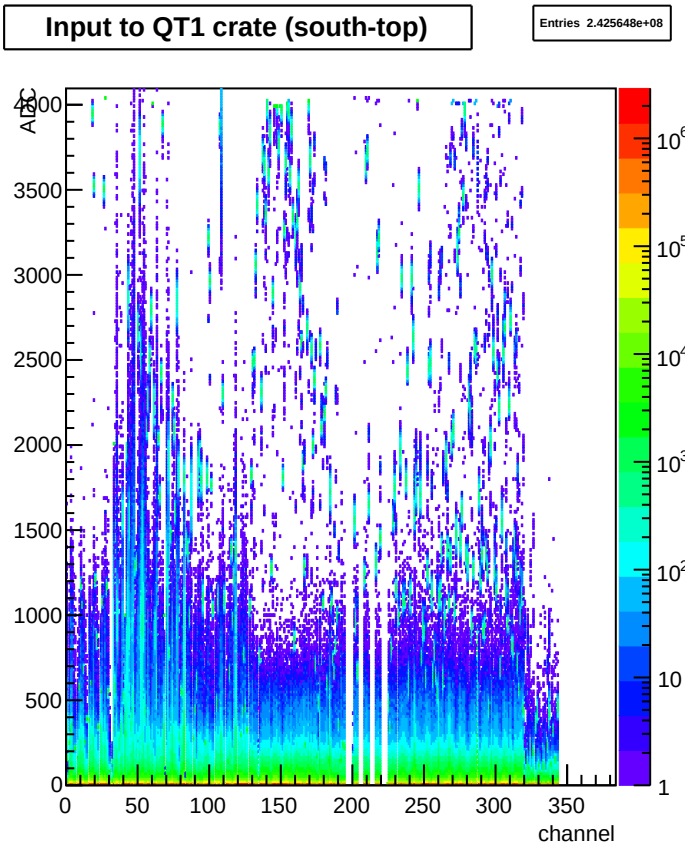

Entries 7408745
VPD-West ADC Sum
ZDC-West ADC Sum Att

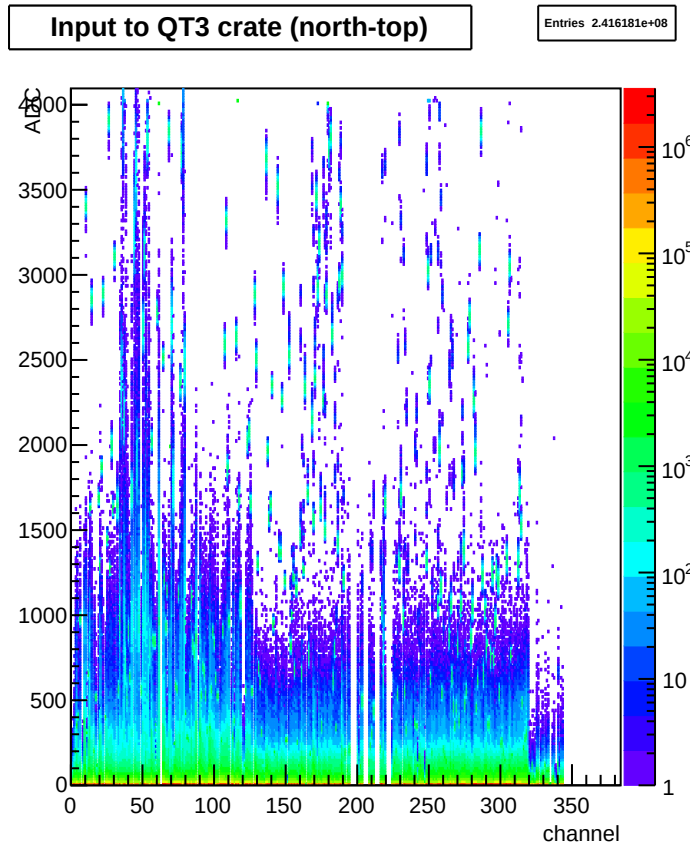

Entries 7408745
BBC-S-East ADC Sum
BBC-S-West ADC Sum

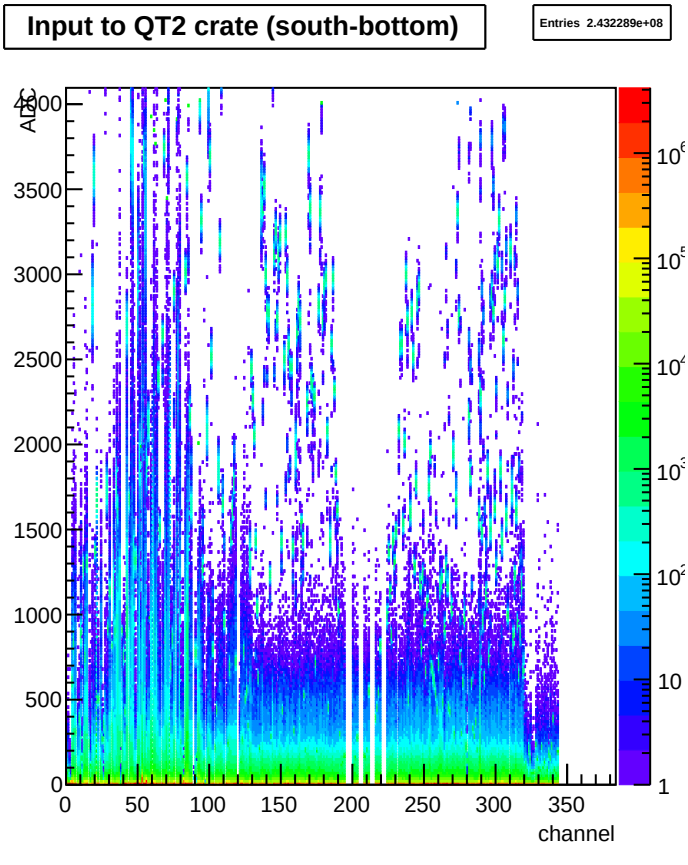

Entries 7408745
ZDC East ADC Sum Att
ZDC West ADC Sum Att

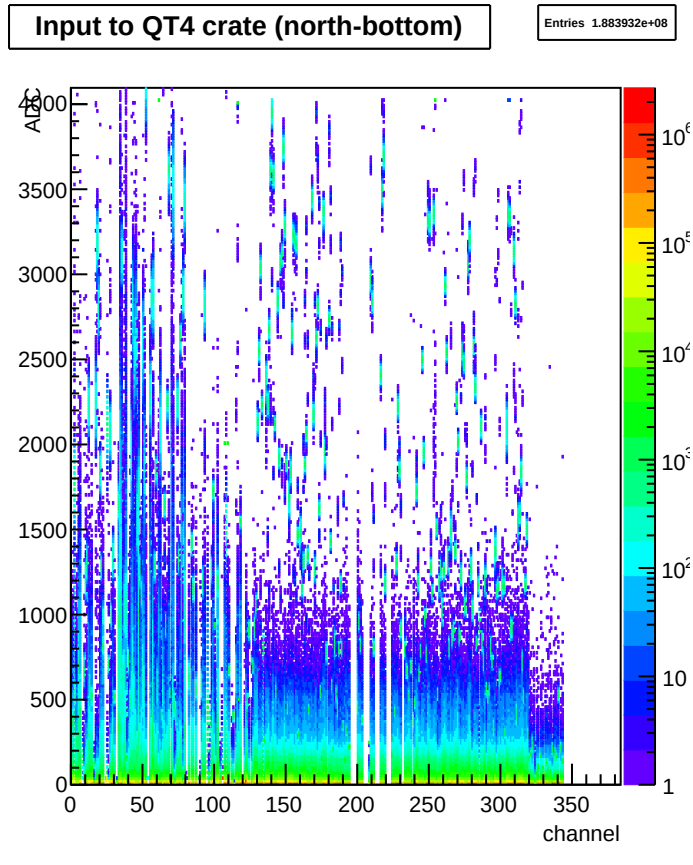

Entries 7408745
VPD East ADC Sum
VPD West ADC Sum

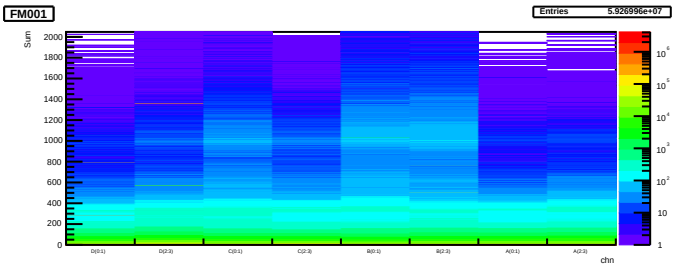

Entries 7408745
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 2.425648e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 2.416181e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 2.432289e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.883932e+08
ADC
channel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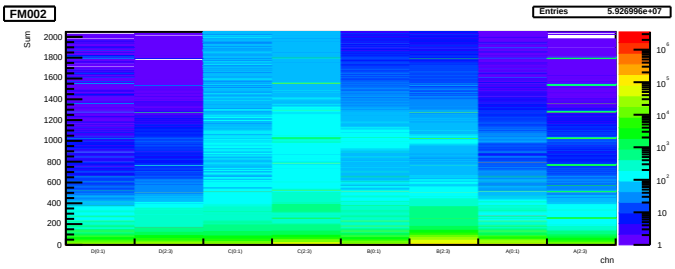
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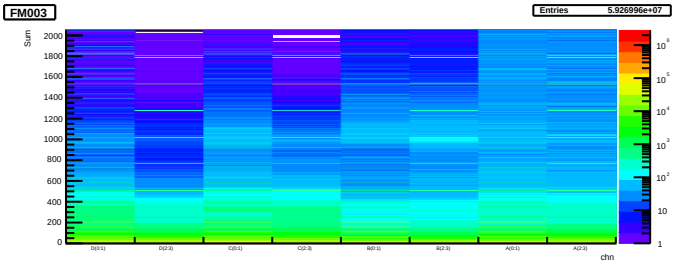
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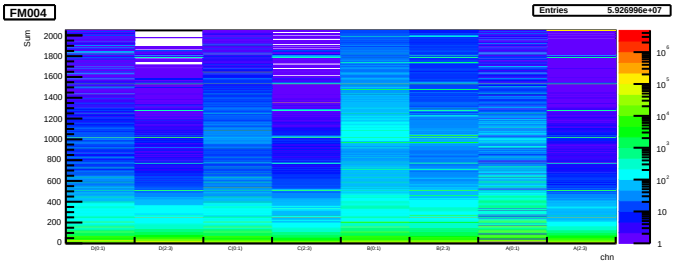
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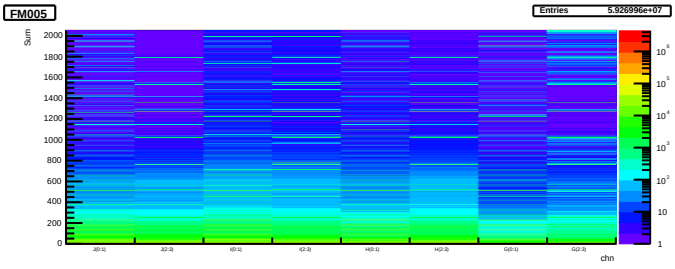
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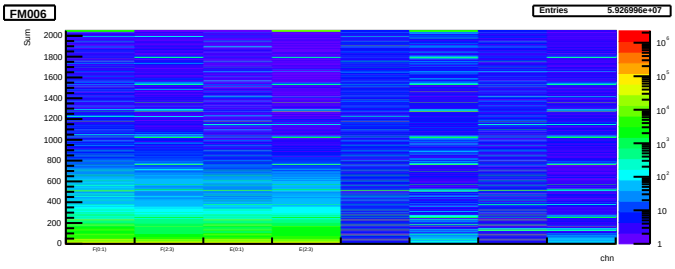
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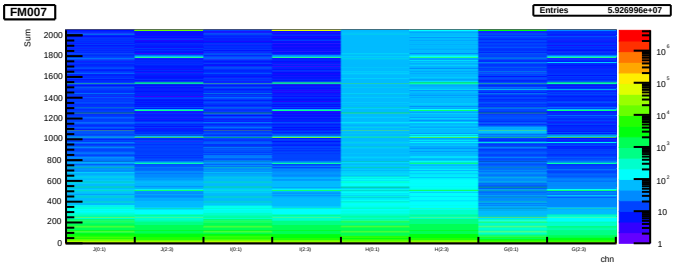
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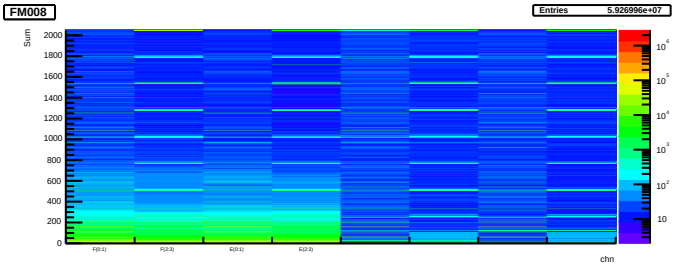
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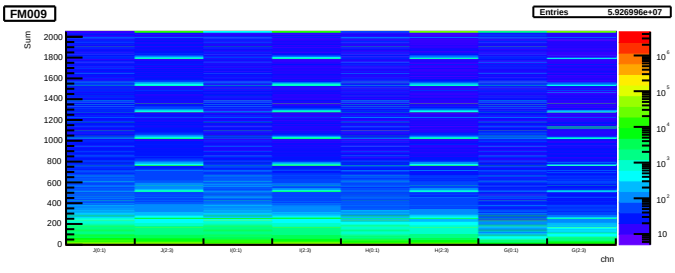
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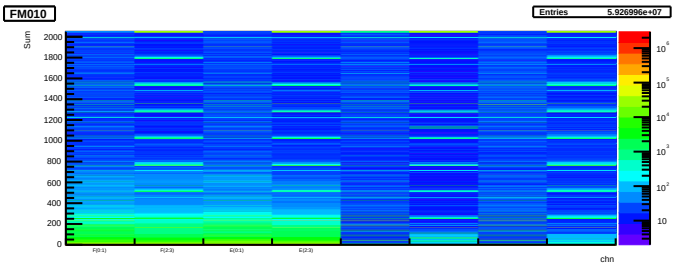
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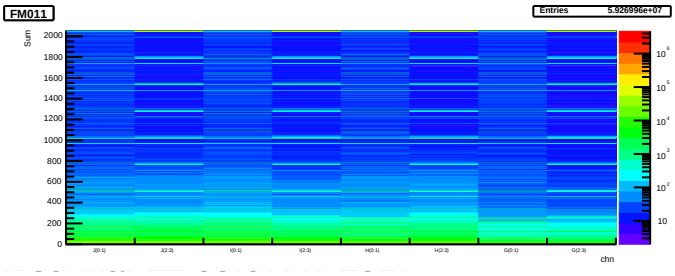
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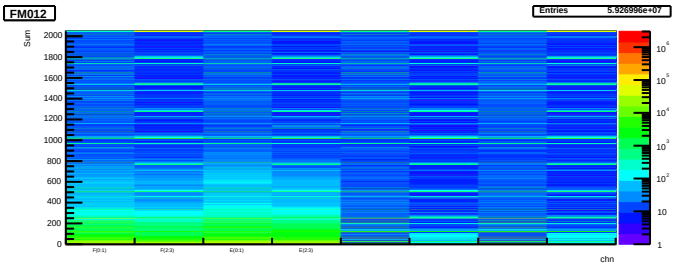
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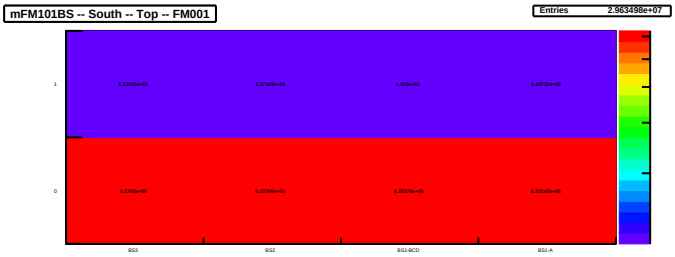
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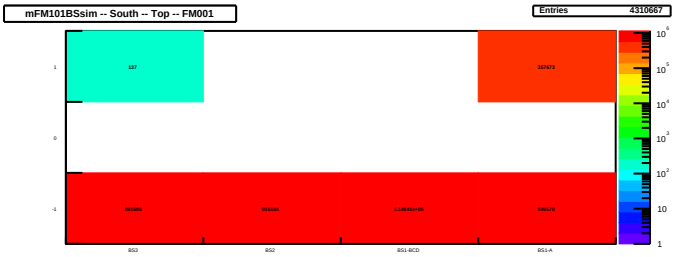
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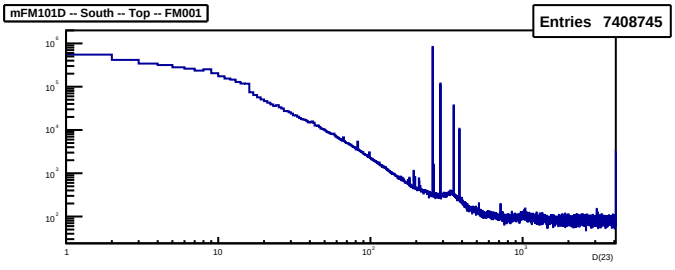
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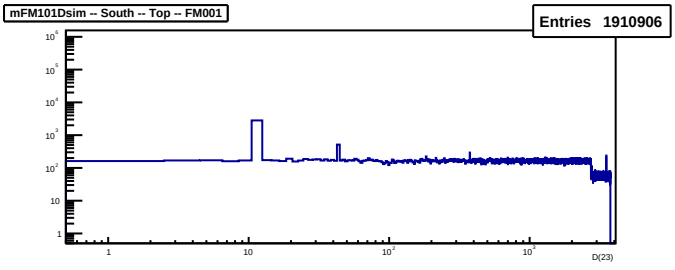
Entries 7408745
D(23)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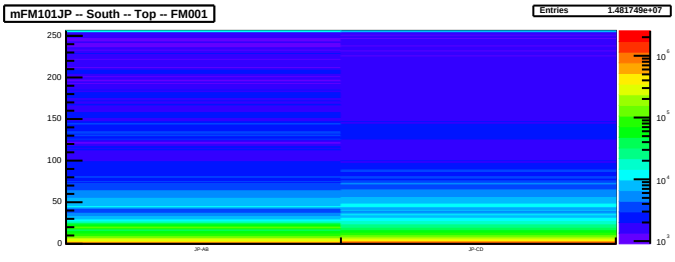
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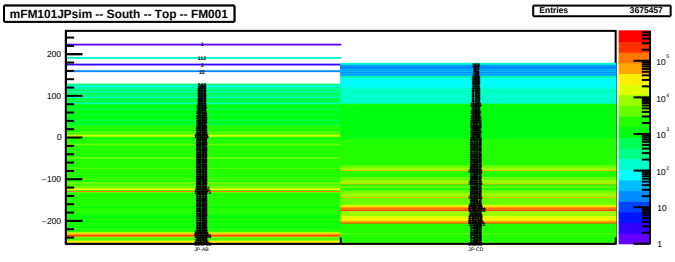
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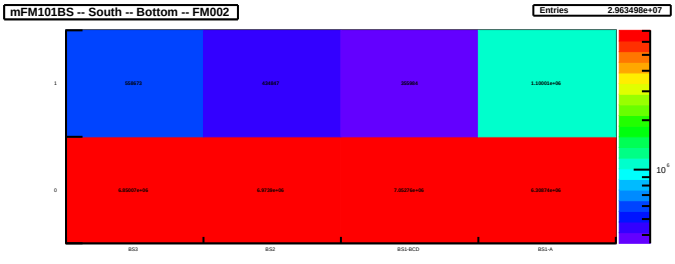
mFM101BS -- South -- Bottom -- FM002
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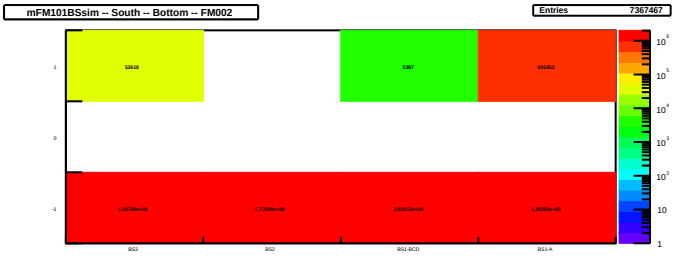
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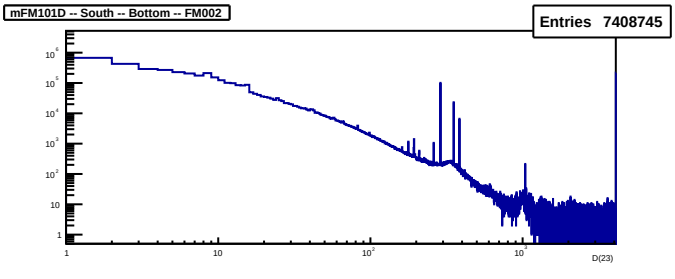
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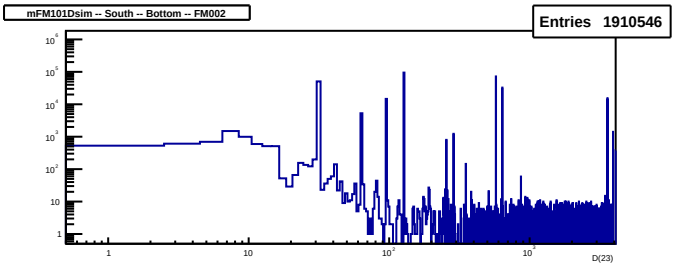
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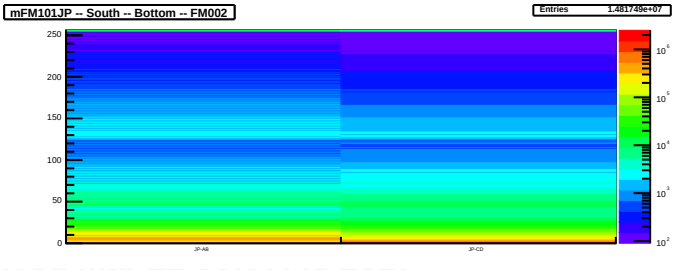
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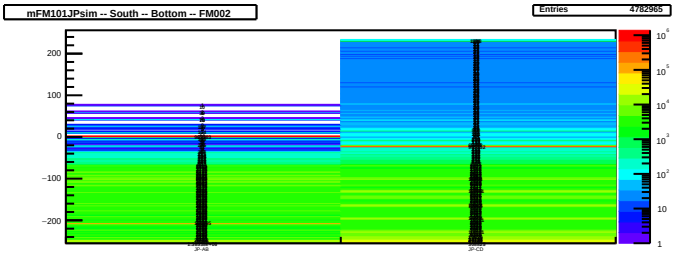
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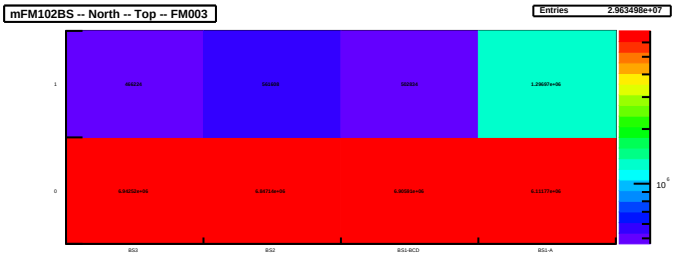

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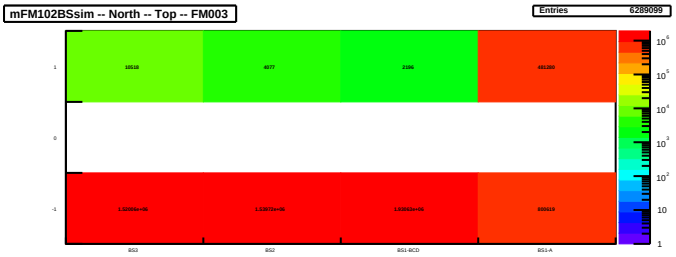

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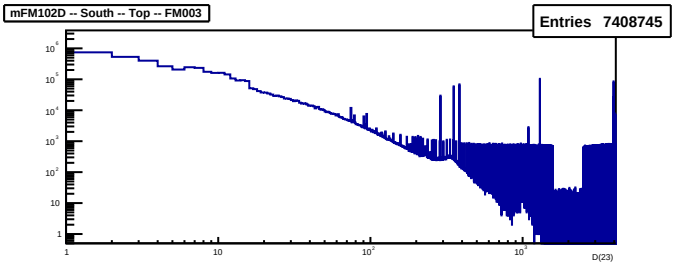

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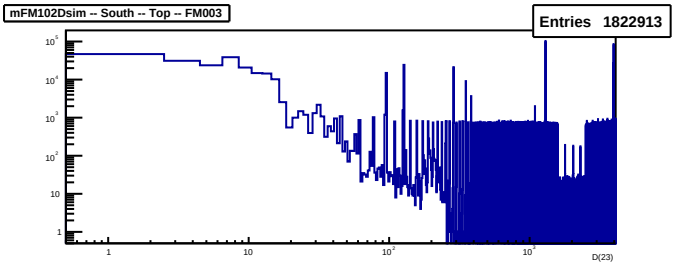

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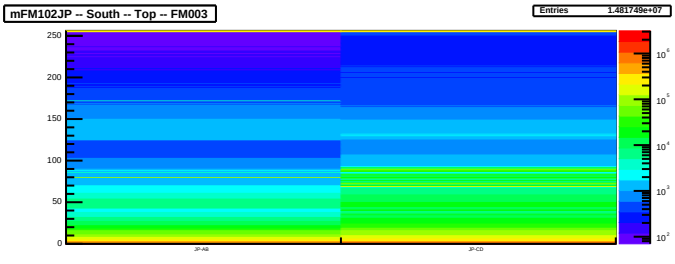

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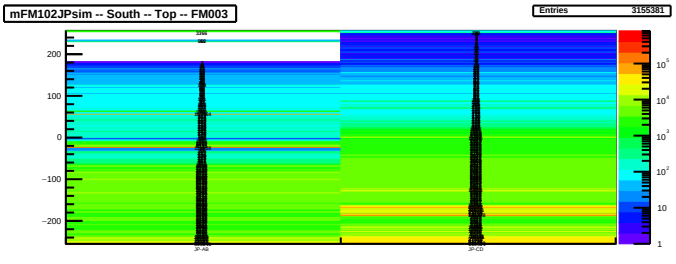

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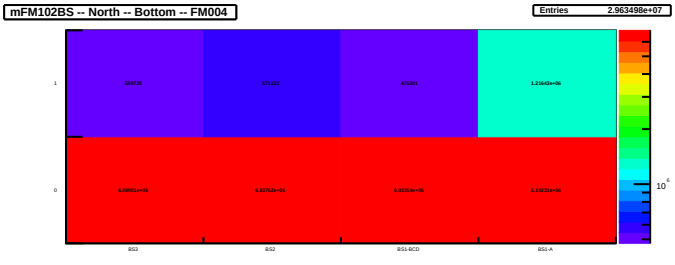

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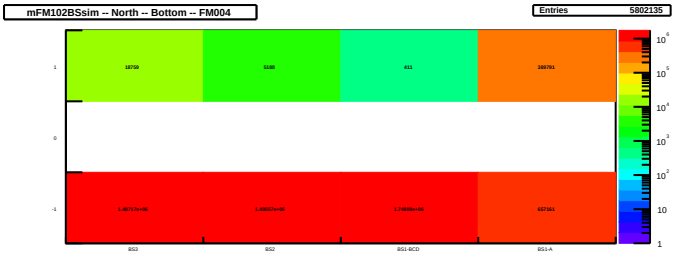

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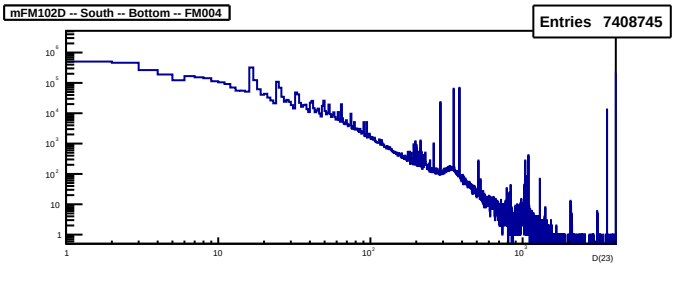

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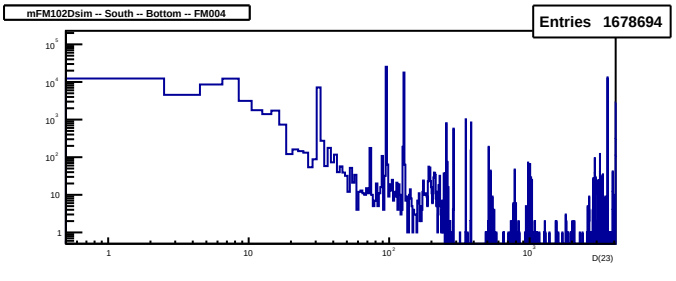

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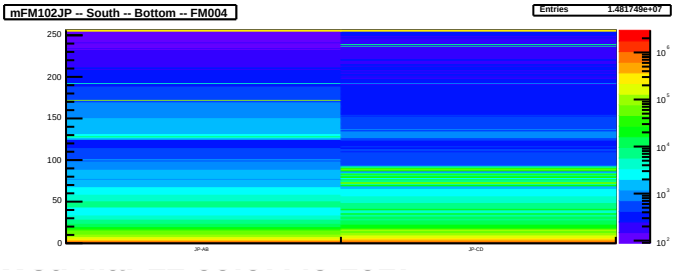

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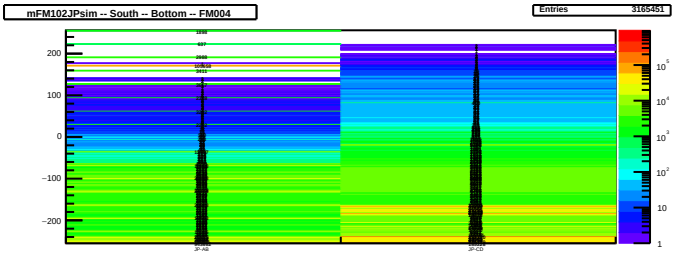

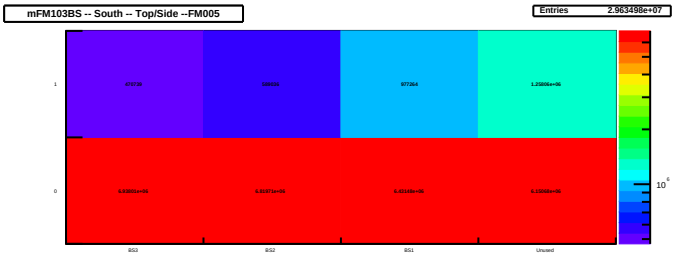
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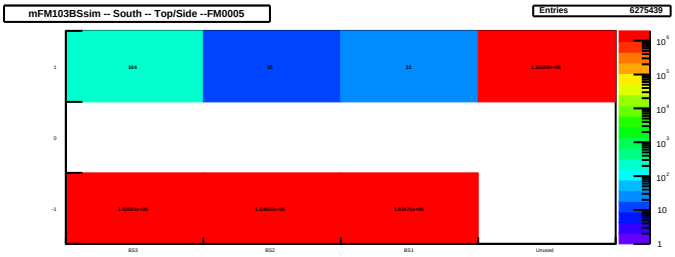
Entries 2.963498e+07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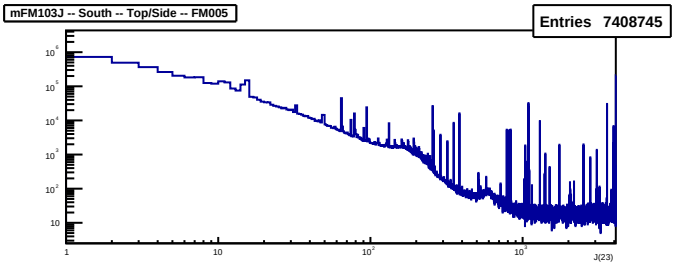
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Entries 7408745
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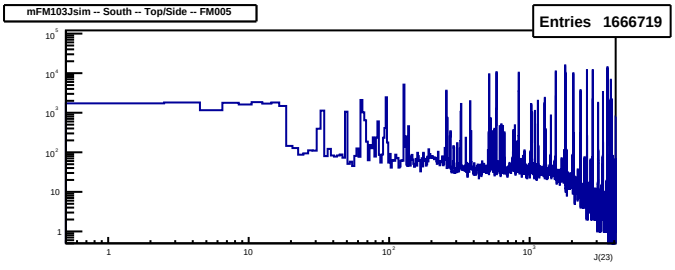
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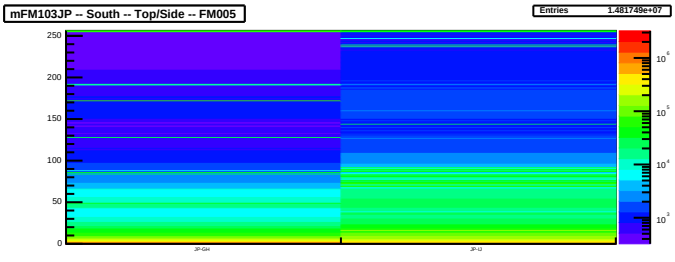
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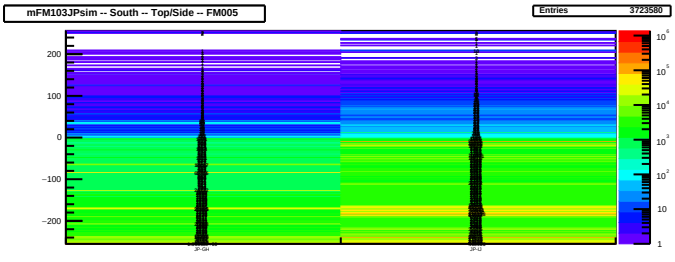
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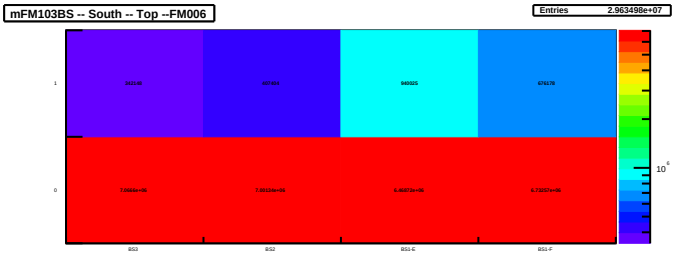
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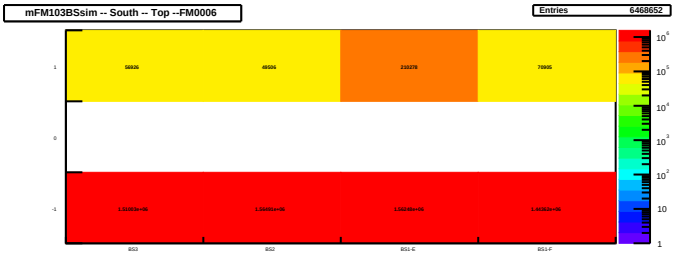
Entries 2.963498e+07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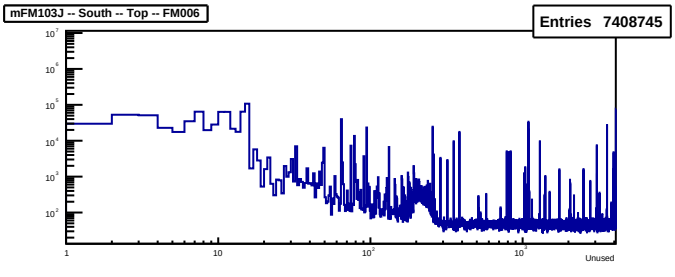
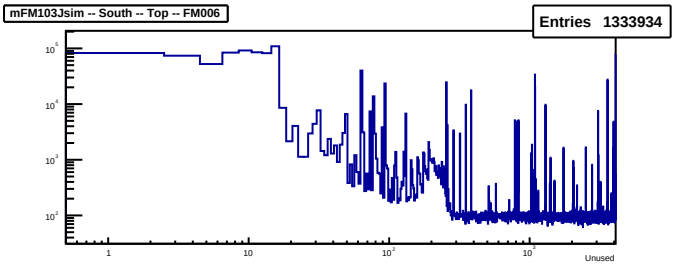

mFM103J -- South -- Top -- FM006
Entries 7408745
Unused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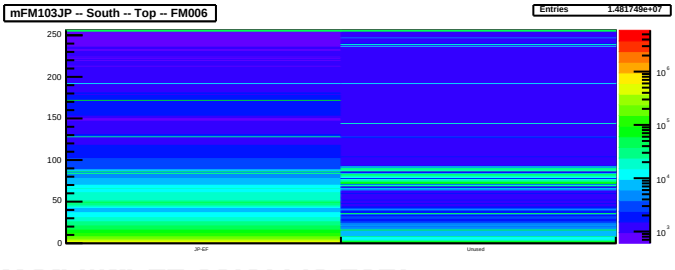
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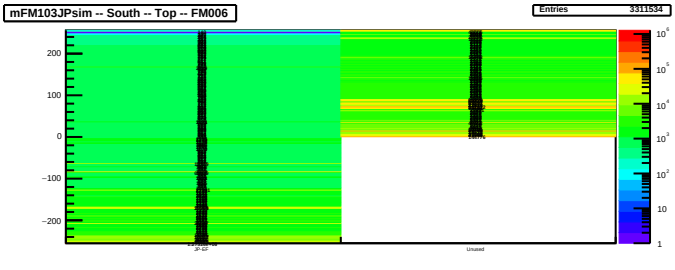
Entries 1.481749e+07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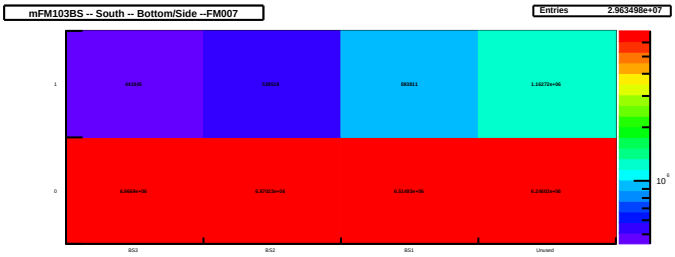
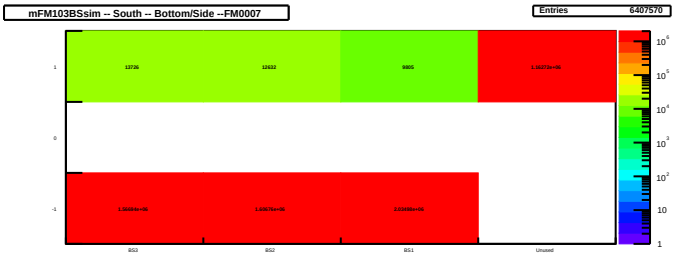

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.963498e+07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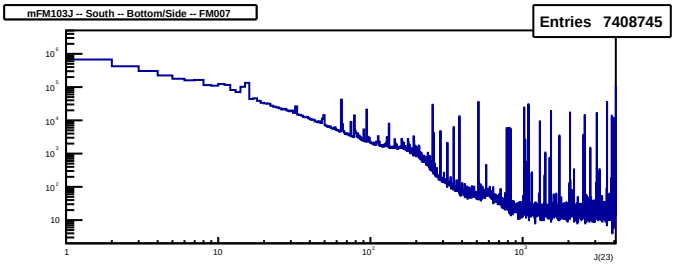
Entries 6407570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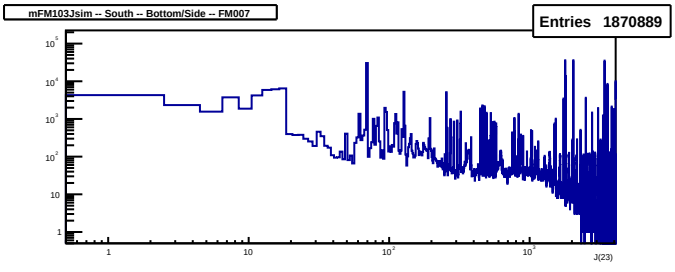
J(23)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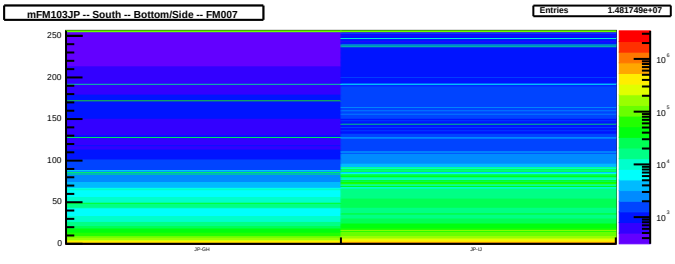
J(23)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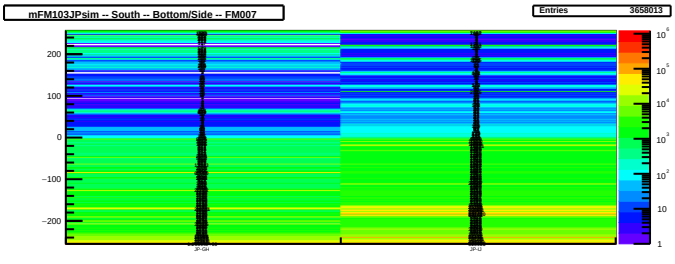
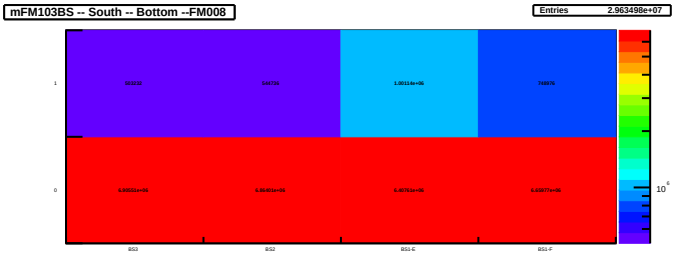
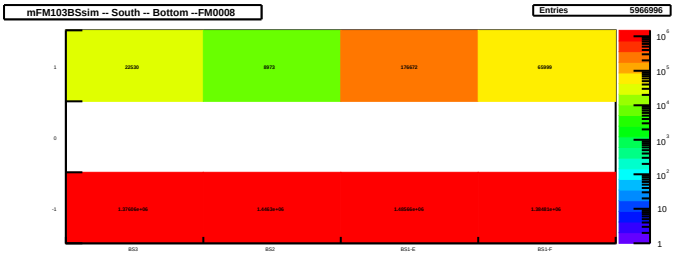
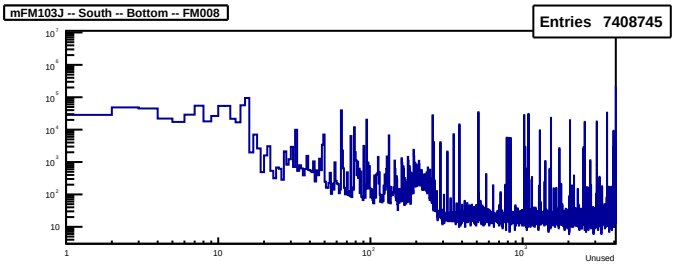
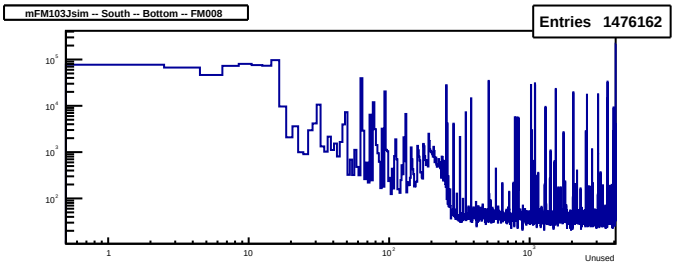
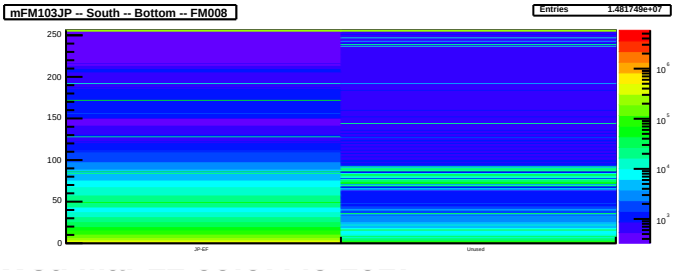

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3658013

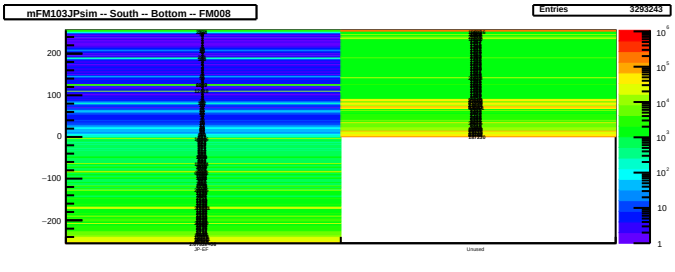

mFM103BS -- South -- Bottom --FM008
Entries 2.963498e+07

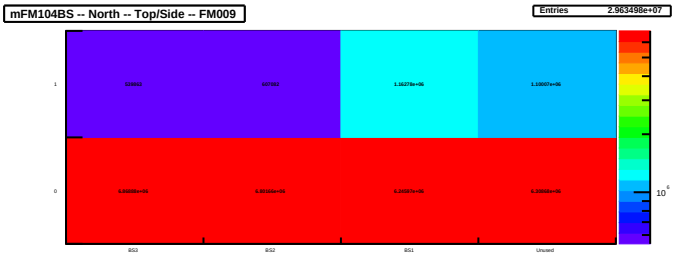

mFM103BSsim -- South -- Bottom --FM0008
Entries 5966996

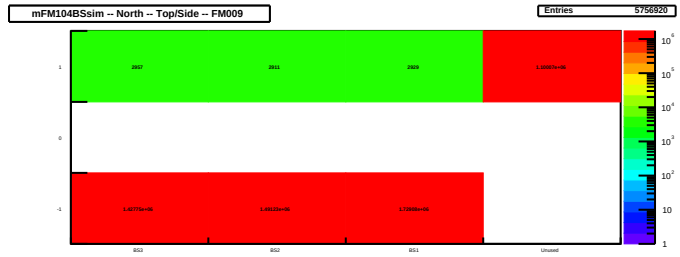

mFM103J -- South -- Bottom -- FM008
Entries 7408745
Unused

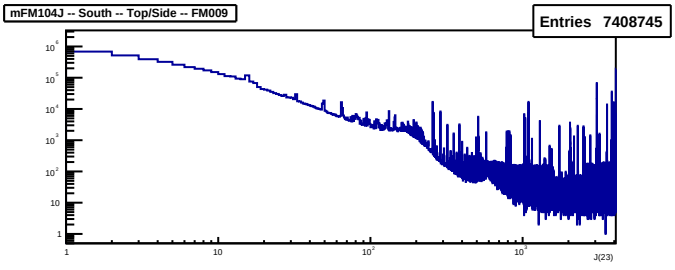

mFM103Jsim -- South -- Bottom -- FM008
Entries 1476162
Unused

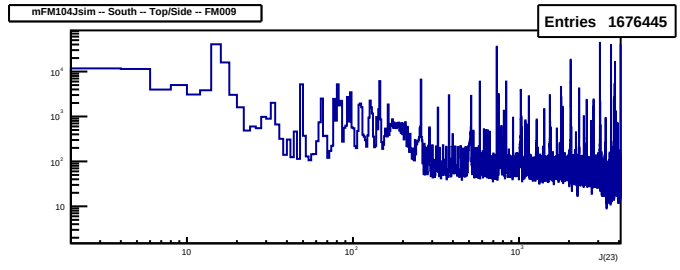

mFM103JP -- South -- Bottom -- FM008
Entries 1.481749e+07

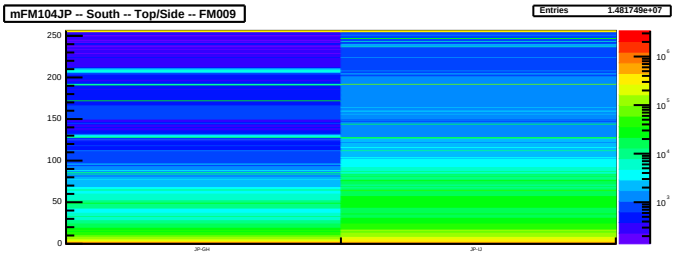

mFM103JPsim -- South -- Bottom -- FM008
Entries 3293243

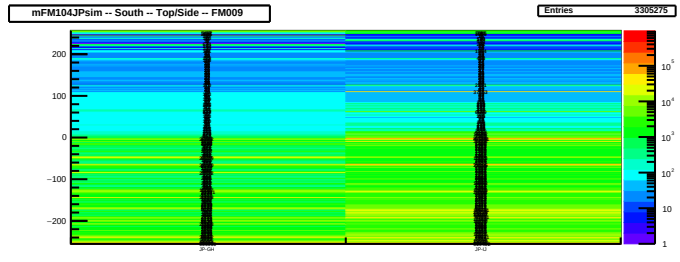

mFM104BS -- North -- Top/Side -- FM009
Entries 2.963498e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5756920


mFM104J -- South -- Top/Side -- FM009
Entries 7408745
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1676445
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.481749e+07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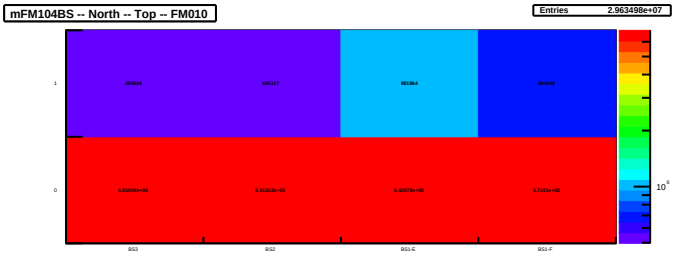
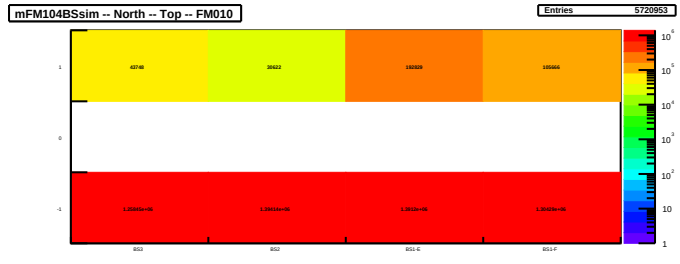
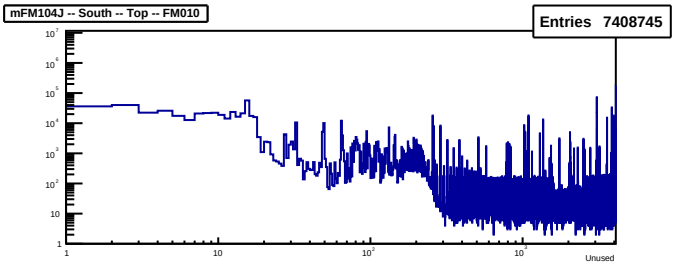
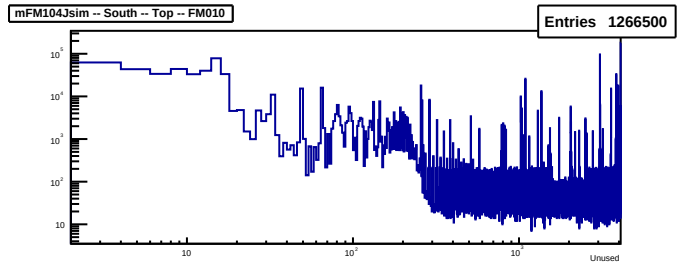
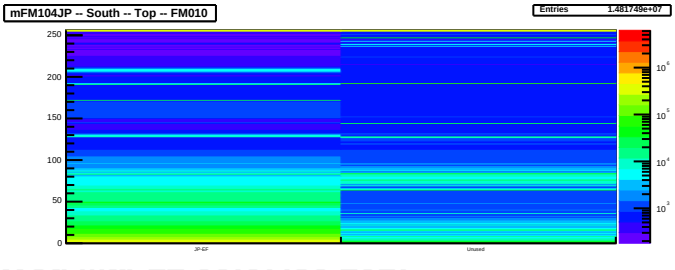
Entries 3305275

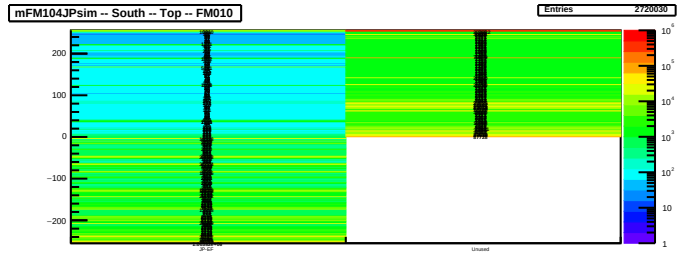

mFM104BS -- North -- Top -- FM010
Entries 2.963498e+07

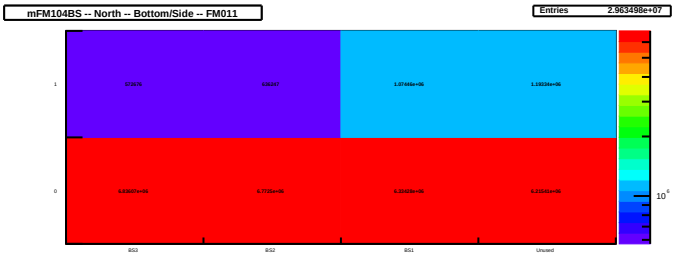

mFM104BSsim -- North -- Top -- FM010
Entries 5720953

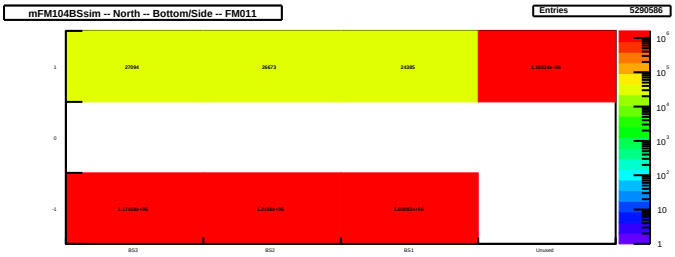

mFM104J -- South -- Top -- FM010
Entries 7408745
Unused

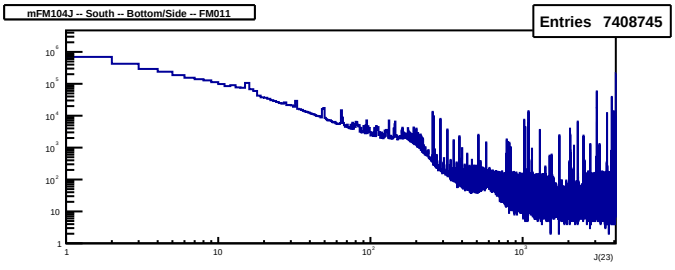

mFM104Jsim -- South -- Top -- FM010
Entries 1266500
Unused

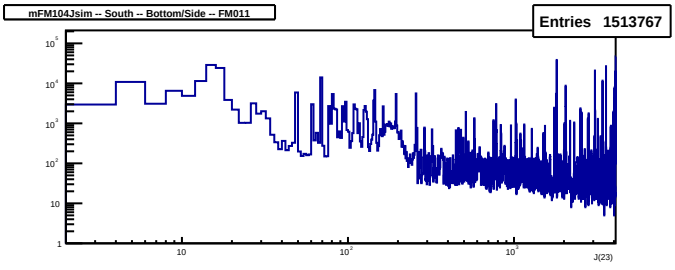

mFM104JP -- South -- Top -- FM010
Entries 1.481749e+07

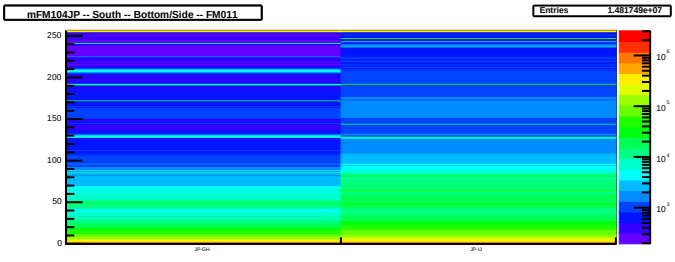

mFM104JPsim -- South -- Top -- FM010
Entries 2720030

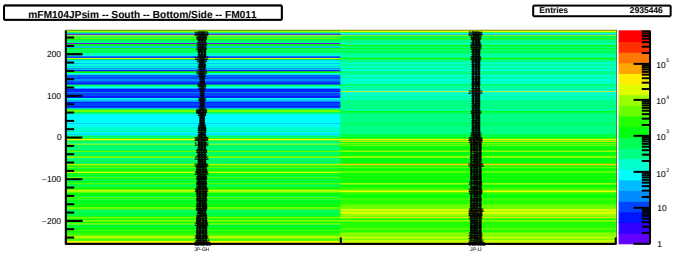

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.963498e+07

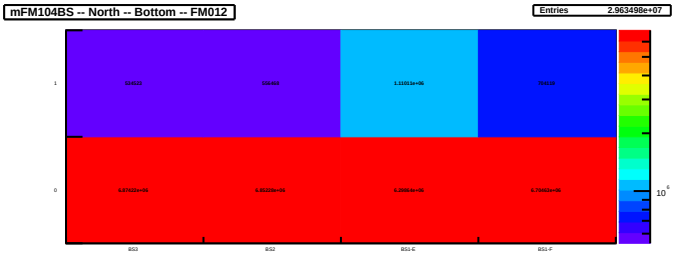

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5290586

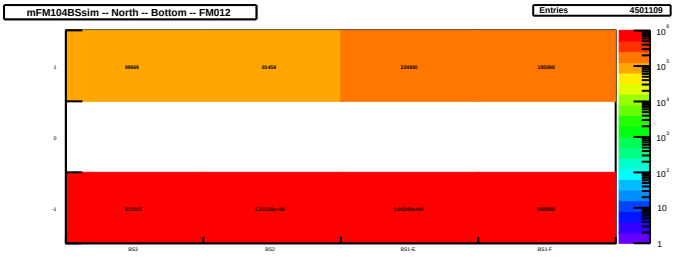

mFM104J -- South -- Bottom/Side -- FM011
Entries 7408745
J(23)

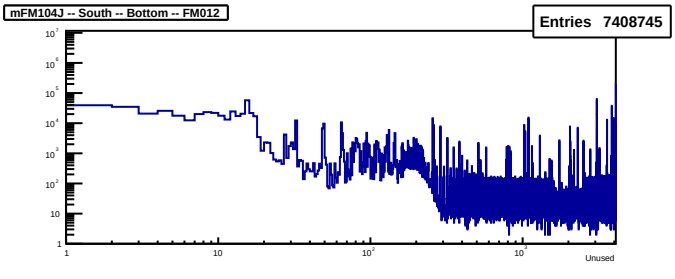

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1513767
J(23)

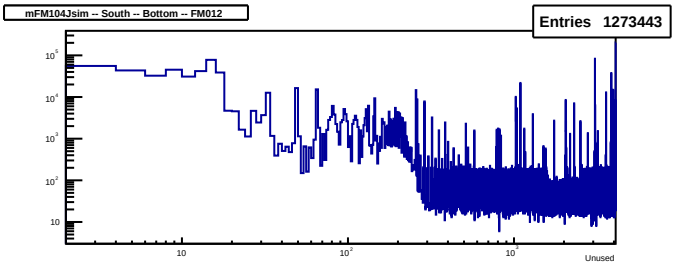

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.481749e+07

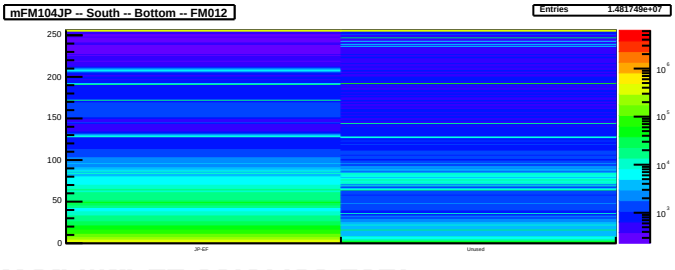

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2935446

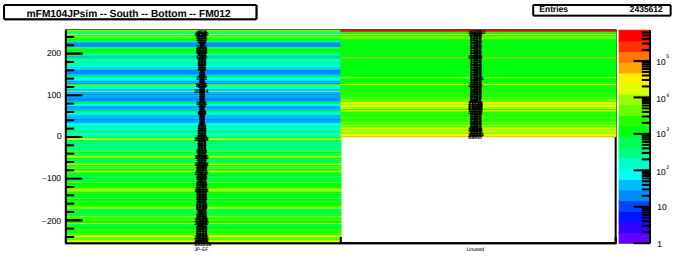

mFM104BS -- North -- Bottom -- FM012
Entries 2.963498e+07

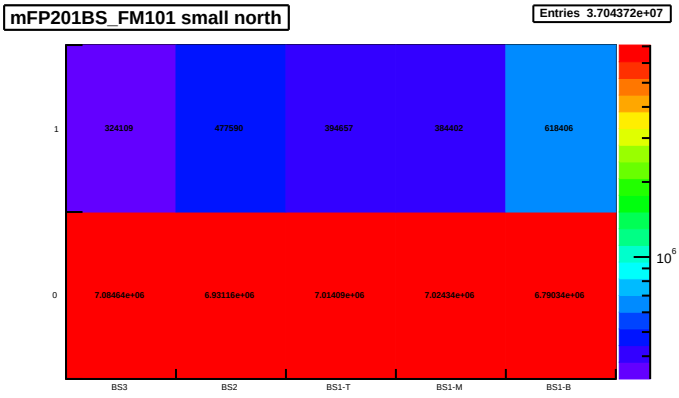

mFM104BSsim -- North -- Bottom -- FM012
Entries 4501109

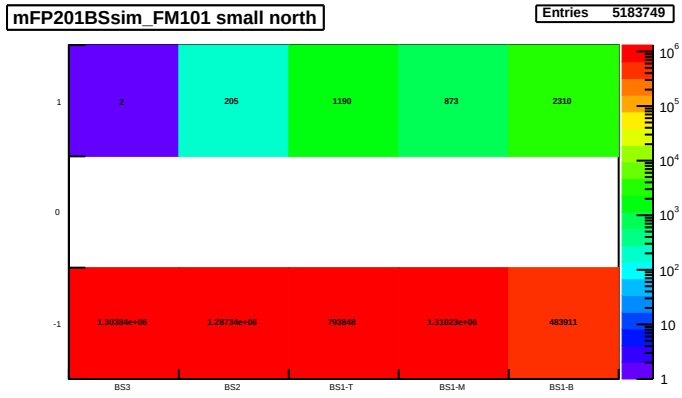

mFM104J -- South -- Bottom -- FM012
Entries 7408745
Unused

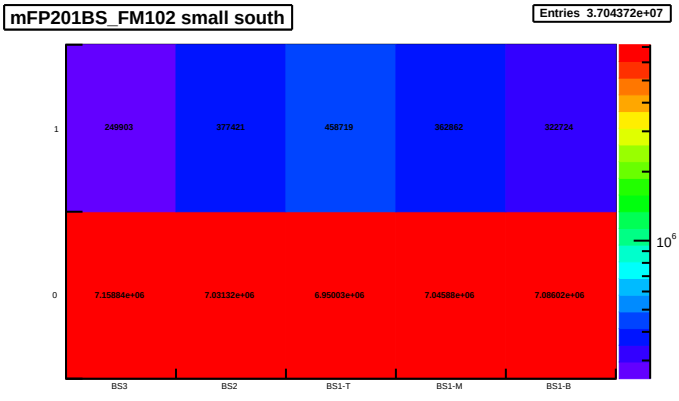

mFM104Jsim -- South -- Bottom -- FM012
Entries 1273443
Unused

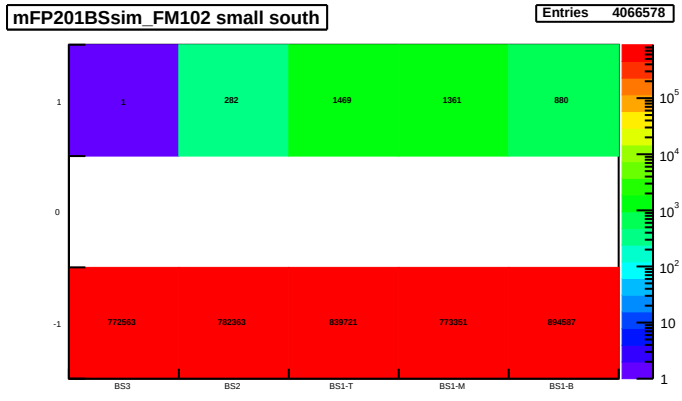

mFM104JP -- South -- Bottom -- FM012
Entries 1.481749e+07

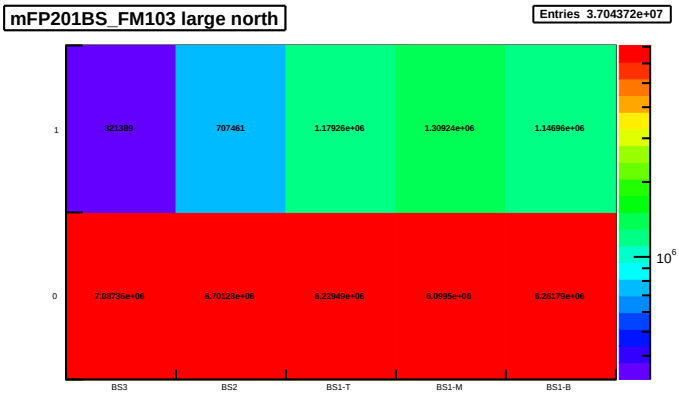

mFM104JPsim -- South -- Bottom -- FM012
Entries 2435612

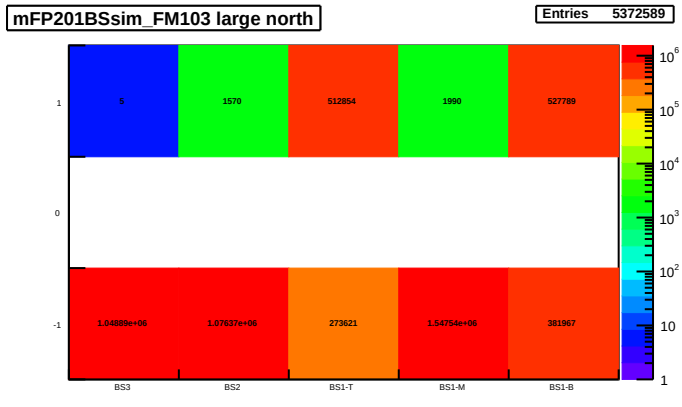

mFP201BS_FM101 small north
Entries 3.704372e+07
1
0
324109
477590
394657
384402
618406
7.08464e+06
6.93116e+06
7.01409e+06
7.02434e+06
6.79034e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

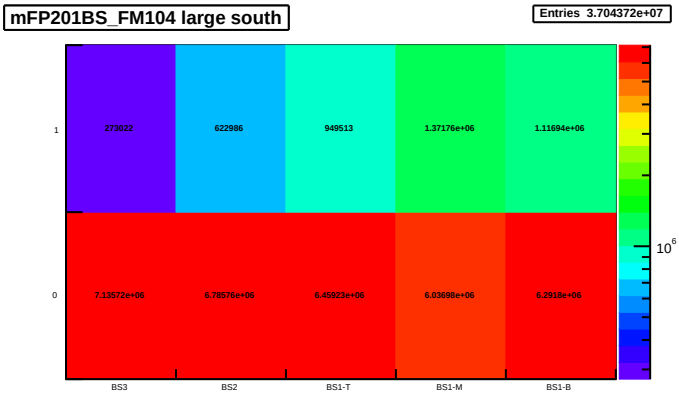

mFP201BSsim_FM101 small north
Entries 5183749
1
0
-1
2
205
1190
873
2310
1.30384e+06
1.28734e+06
793848
1.31023e+06
483911
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

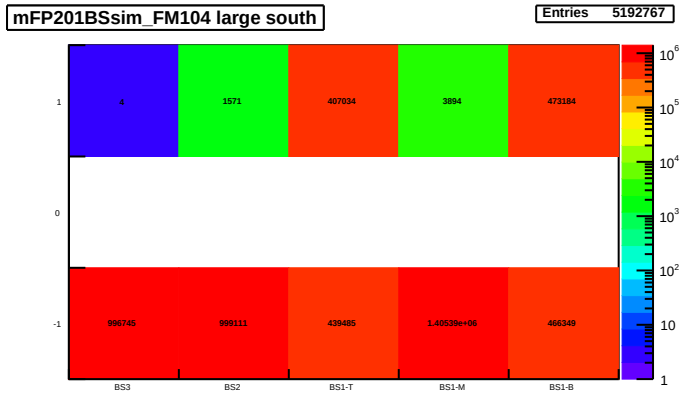

mFP201BS_FM102 small south
Entries 3.704372e+07
1
0
249903
377421
458719
362862
322724
7.15884e+06
7.03132e+06
6.95003e+06
7.04588e+06
7.08602e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

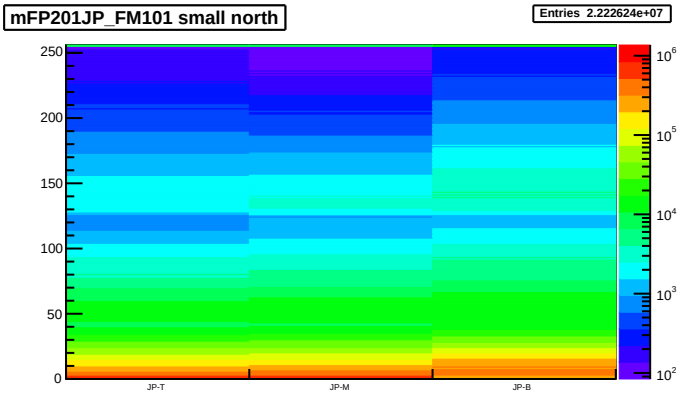

mFP201BSsim_FM102 small south
Entries 4066578
1
0
-1
1
282
1469
1361
880
772563
782363
839721
773351
894587
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

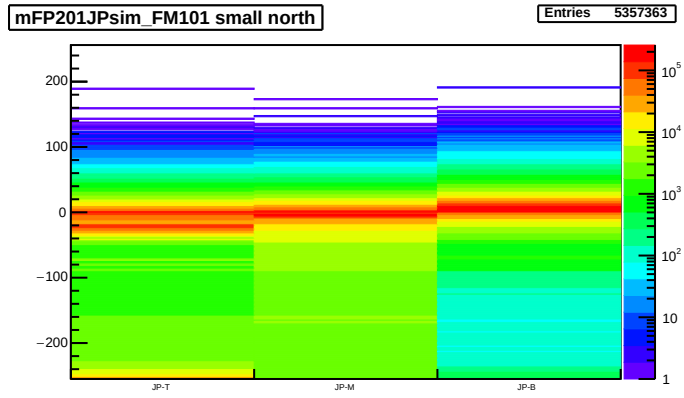

mFP201BS_FM103 large north
Entries 3.704372e+07
1
0
321389
707461
1.17926e+06
1.30924e+06
1.14696e+06
7.08736e+06
6.70128e+06
6.22949e+06
6.0995e+06
6.26179e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

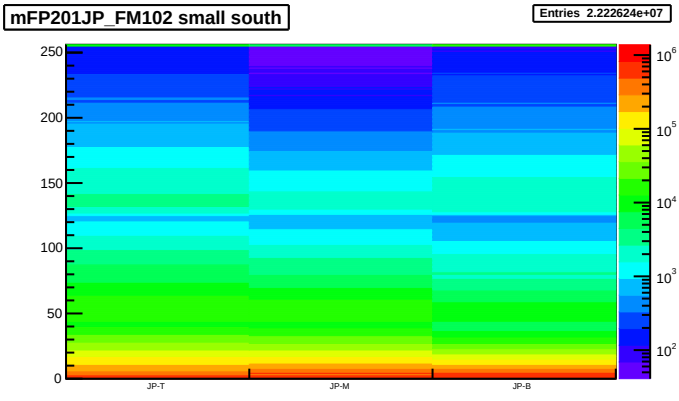

mFP201BSsim_FM103 large north
Entries 5372589
1
0
-1
5
1570
512854
1990
527789
1.04889e+06
1.07637e+06
273621
1.54754e+06
381967
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

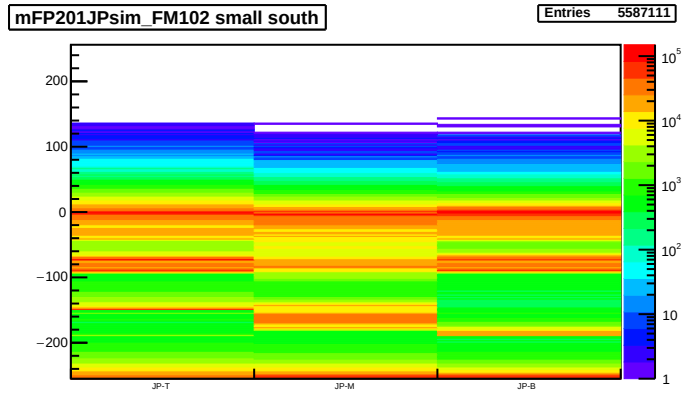

mFP201BS_FM104 large south
Entries 3.704372e+07
1
0
273022
622986
949513
1.37176e+06
1.11694e+06
7.13572e+06
6.78576e+06
6.45923e+06
6.03698e+06
6.2918e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

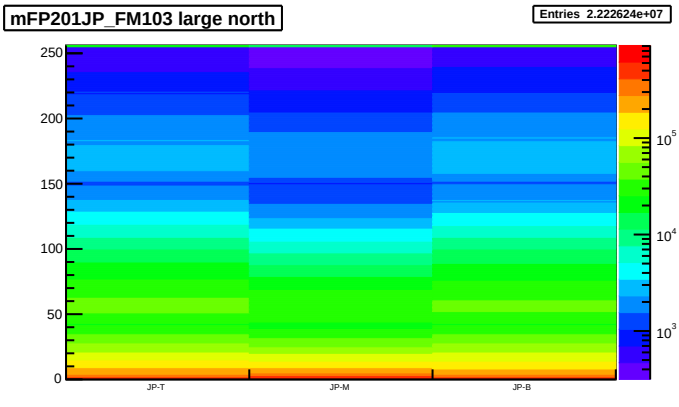

mFP201BSsim_FM104 large south
Entries 5192767
1
0
-1
4
1571
407034
3894
473184
996745
999111
439485
1.40539e+06
466349
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

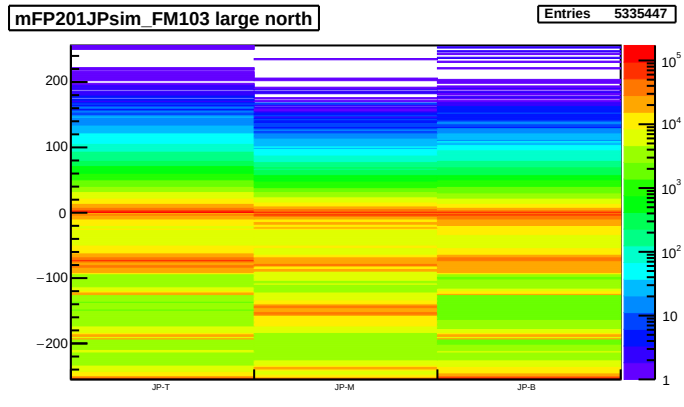

mFP201JP_FM101 small north
Entries 2.222624e+07
JP-T
JP-M
JP-B

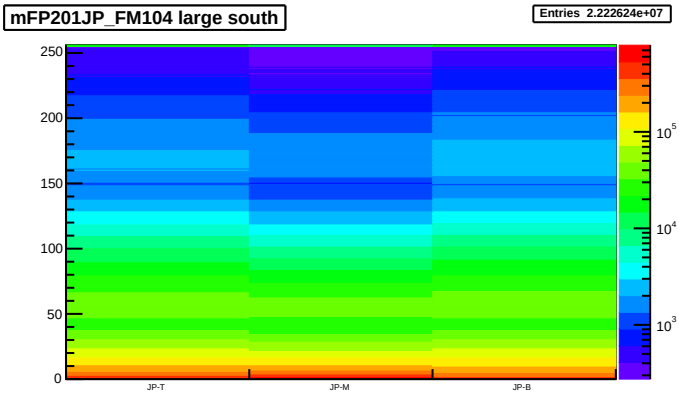

mFP201JPsim_FM101 small north
Entries 5357363
JP-T
JP-M
JP-B

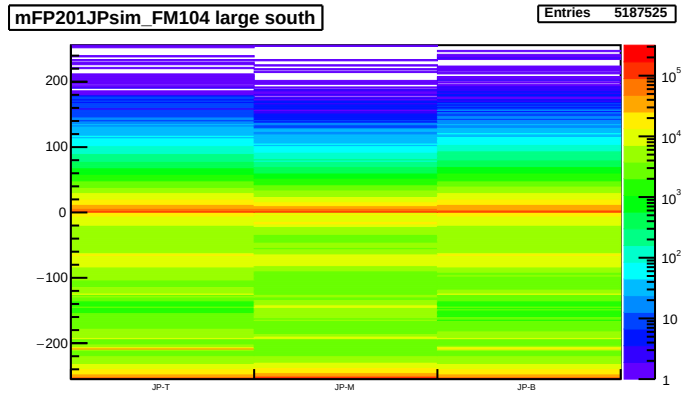

mFP201JP_FM102 small south
Entries 2.222624e+07
JP-T
JP-M
JP-B

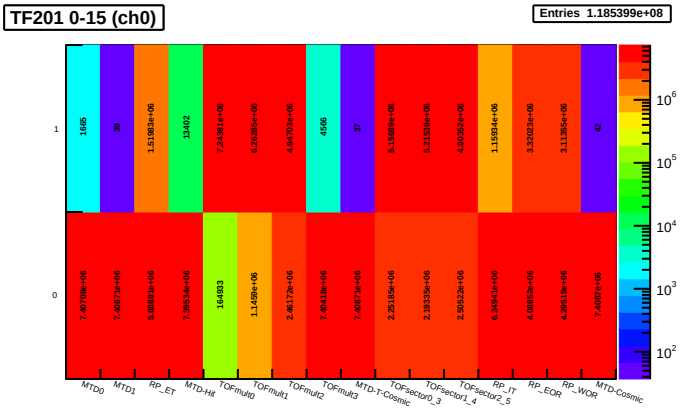

mFP201JPsim_FM102 small south
Entries 5587111
JP-T
JP-M
JP-B

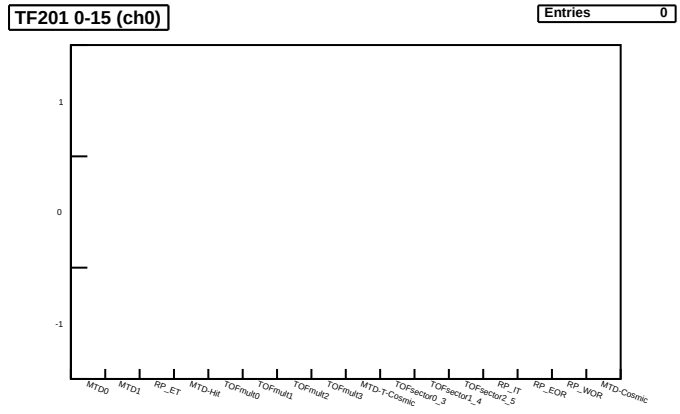

mFP201JP_FM103 large north
Entries 2.222624e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 5335447
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.222624e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5187525
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.185399e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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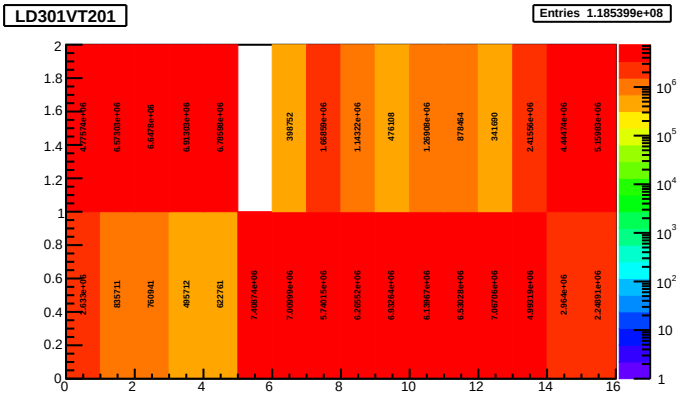
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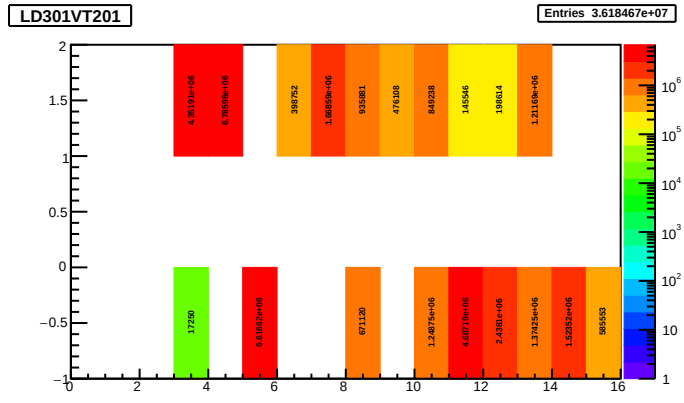
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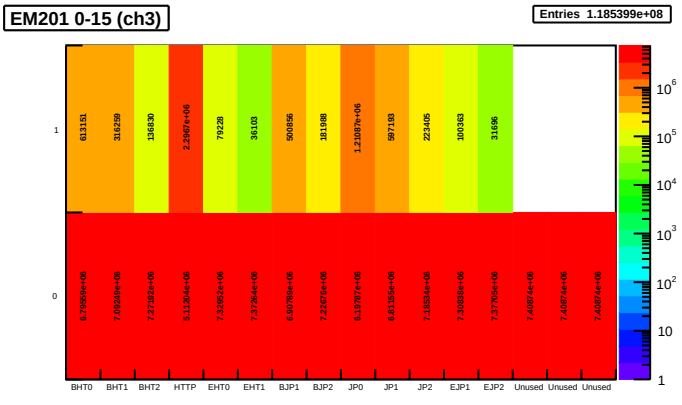
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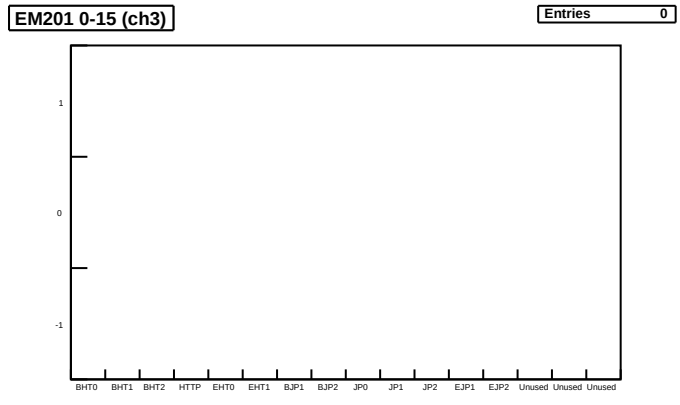
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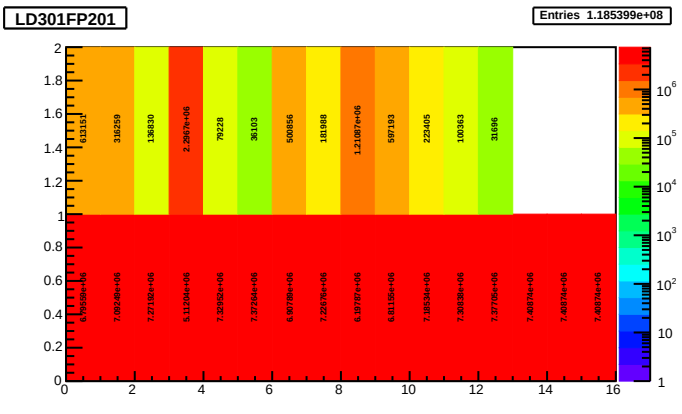
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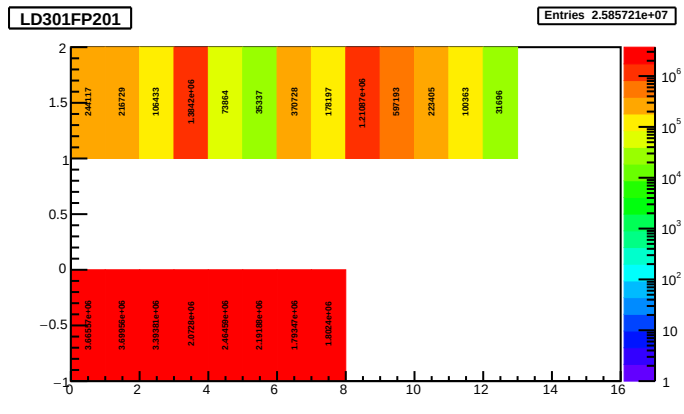
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