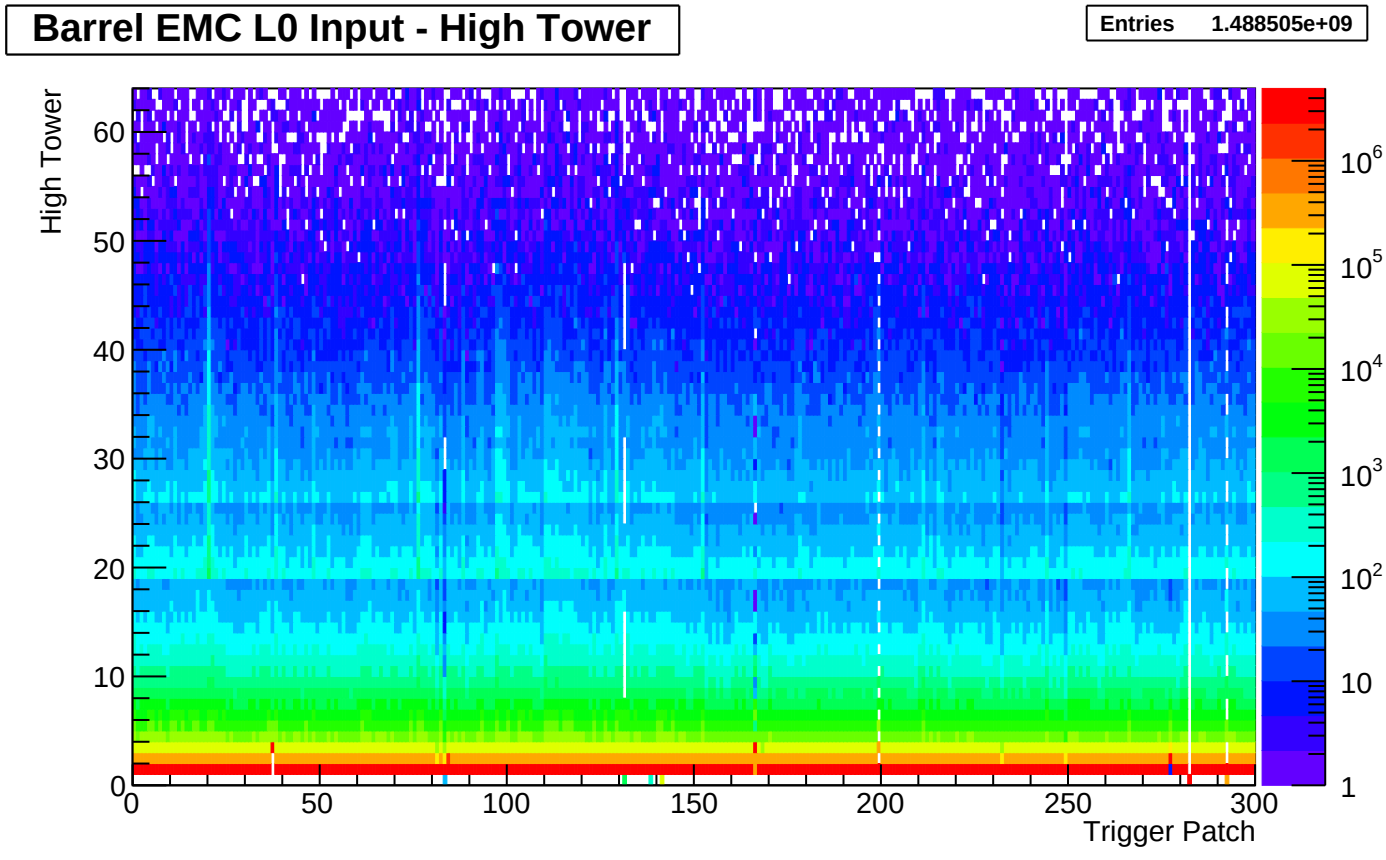
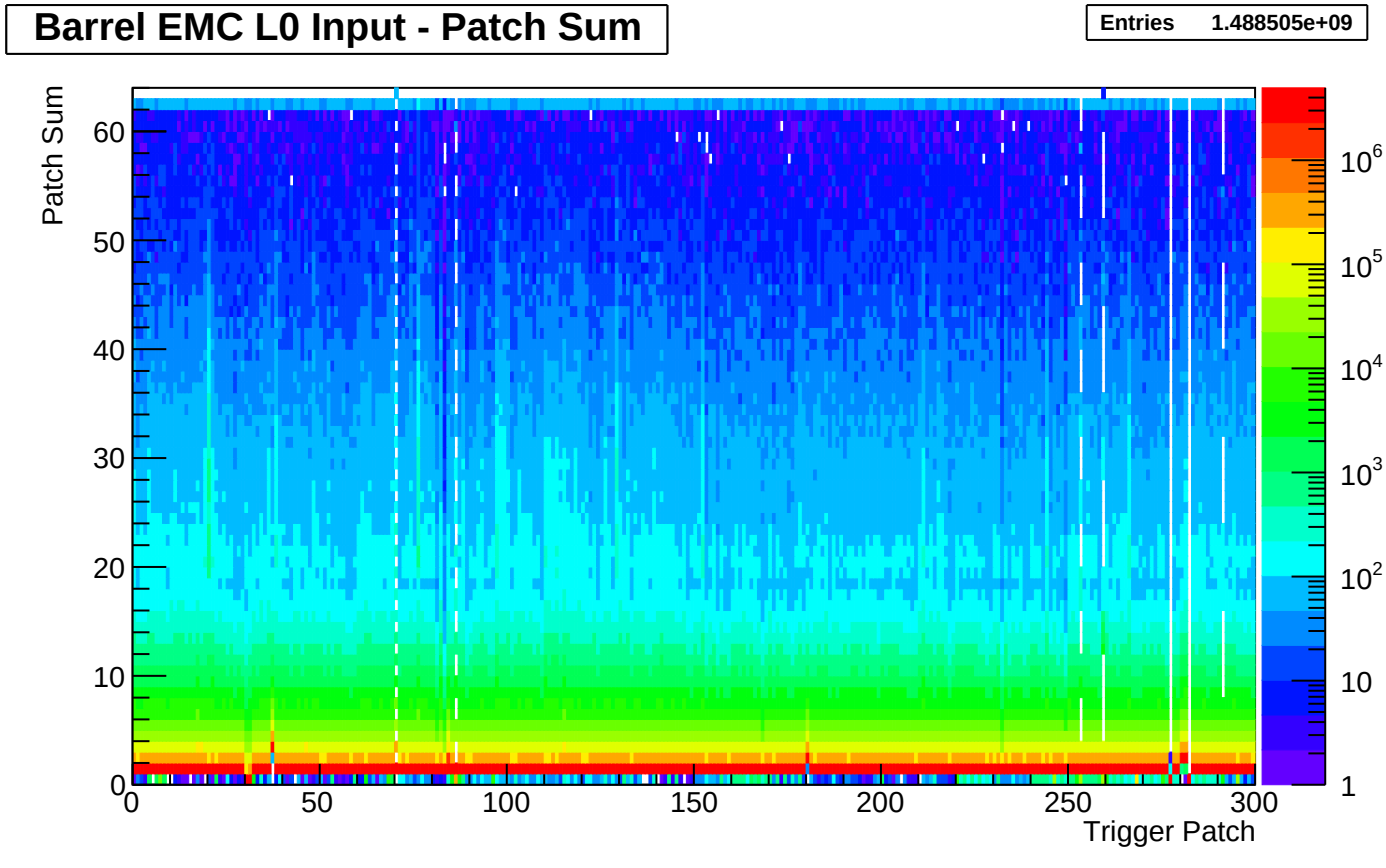
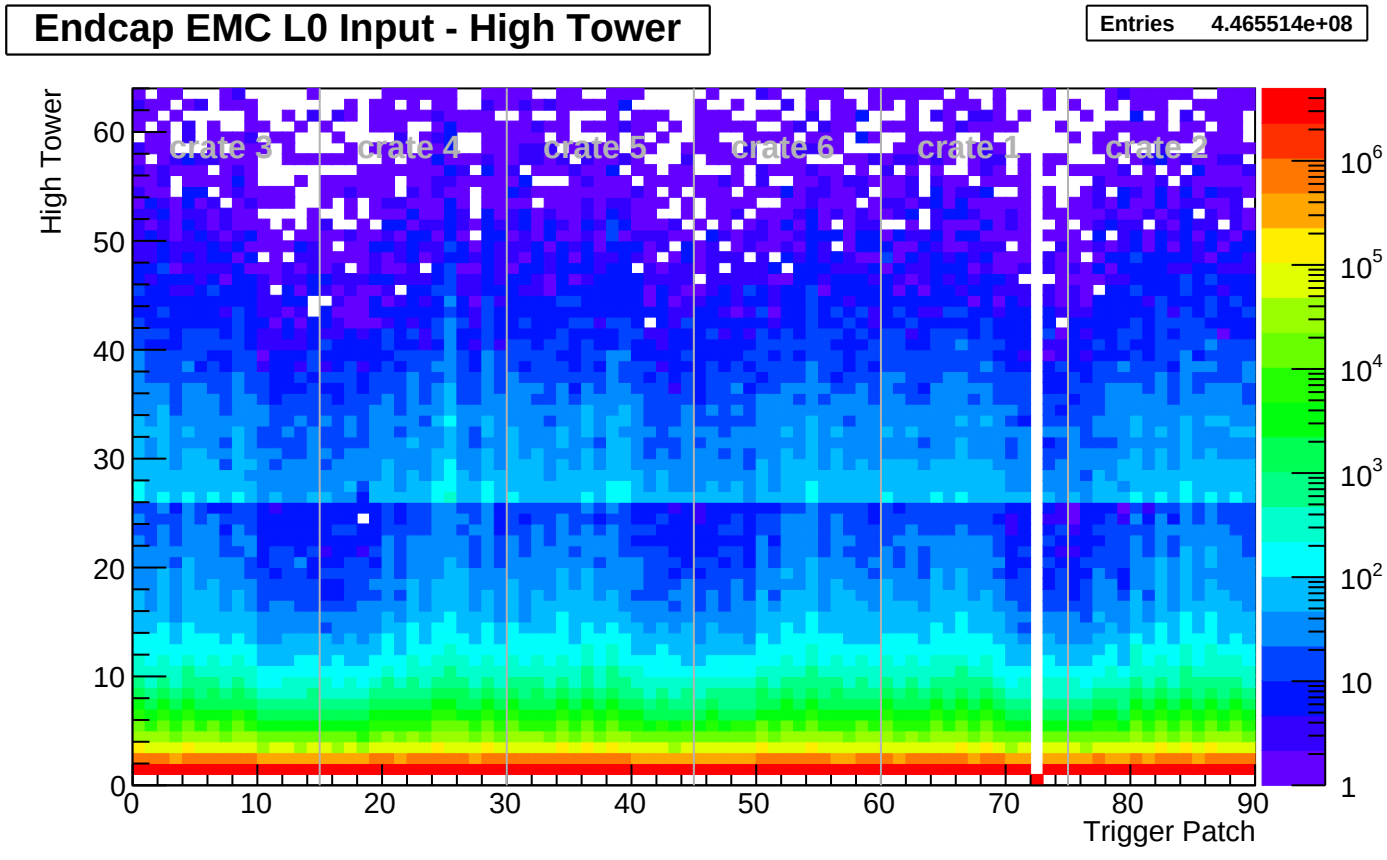
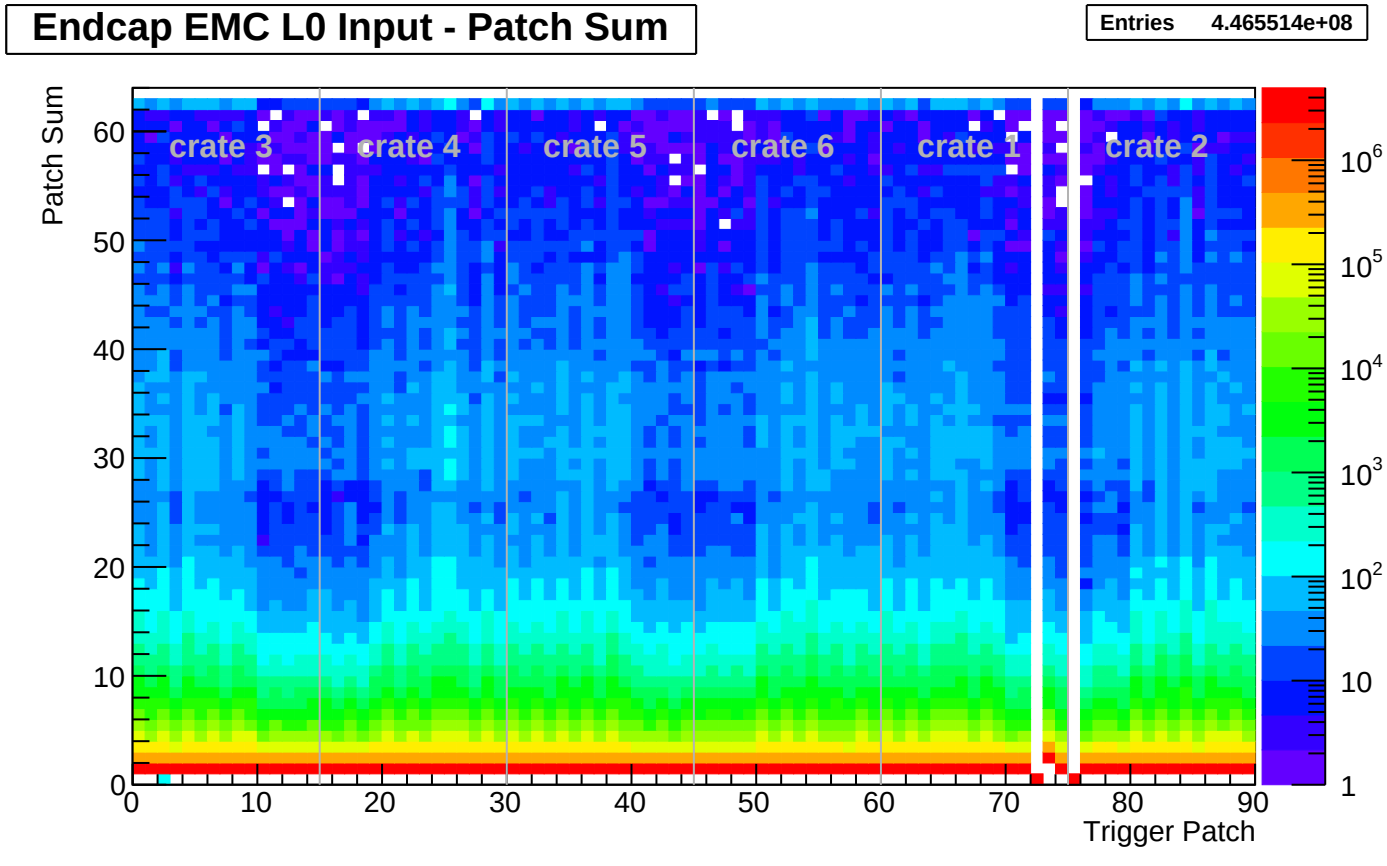
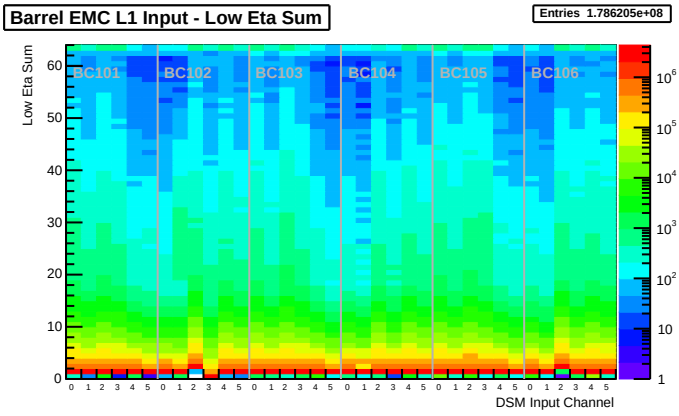
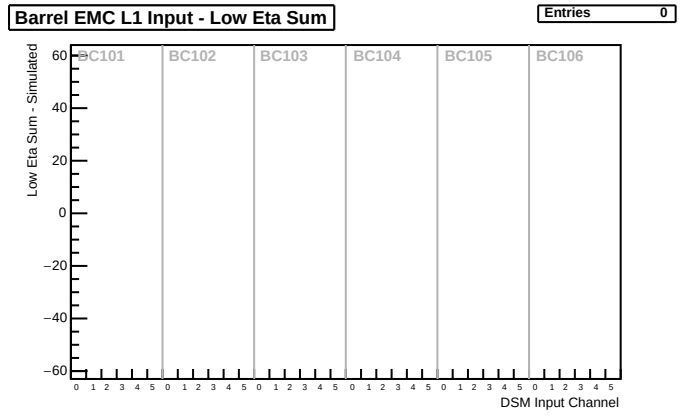

Barrel EMC L0 Input - High Tower
Entries 1.488505e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

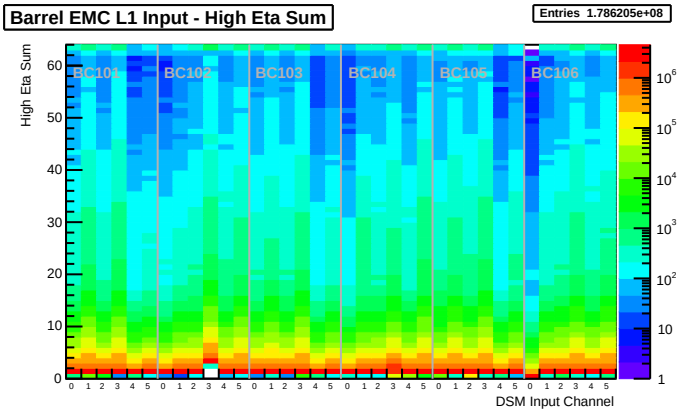

Barrel EMC L0 Input - Patch Sum
Entries 1.488505e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

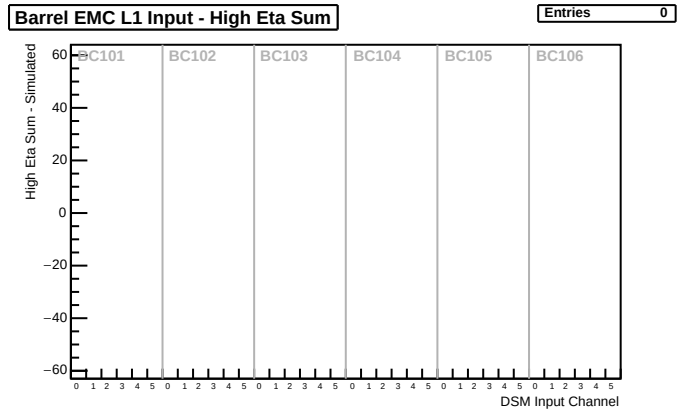

Endcap EMC L0 Input - High Tower
Entries 4.465514e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

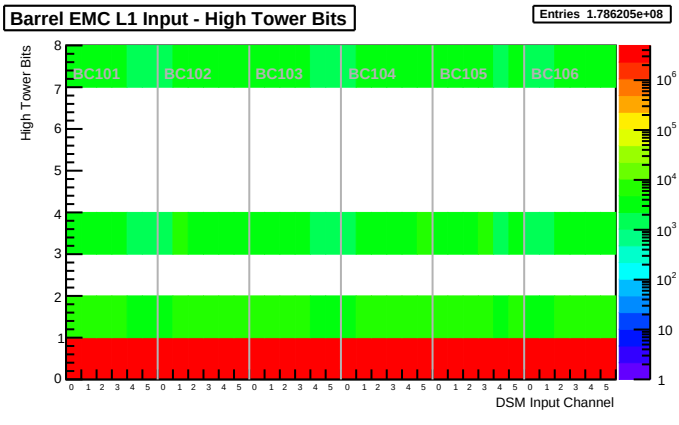

Endcap EMC L0 Input - Patch Sum
Entries 4.465514e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

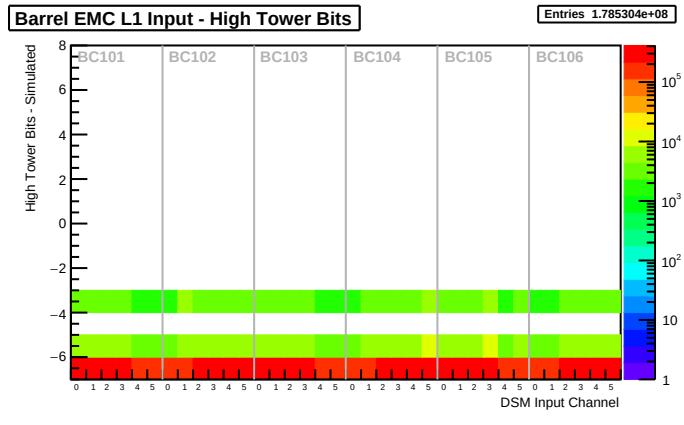

Barrel EMC L1 Input - Low Eta Sum
Entries 1.786205e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

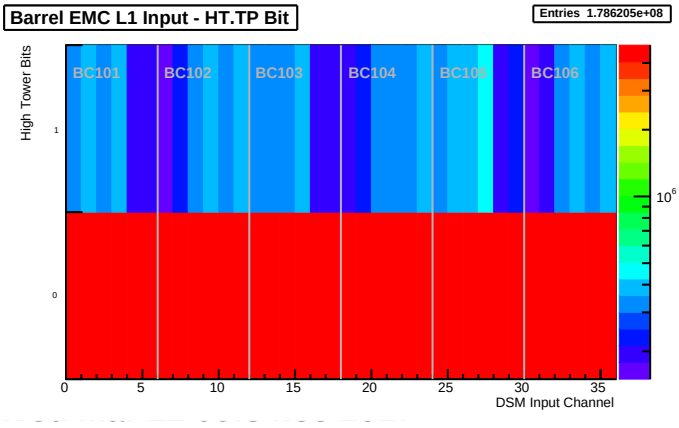

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

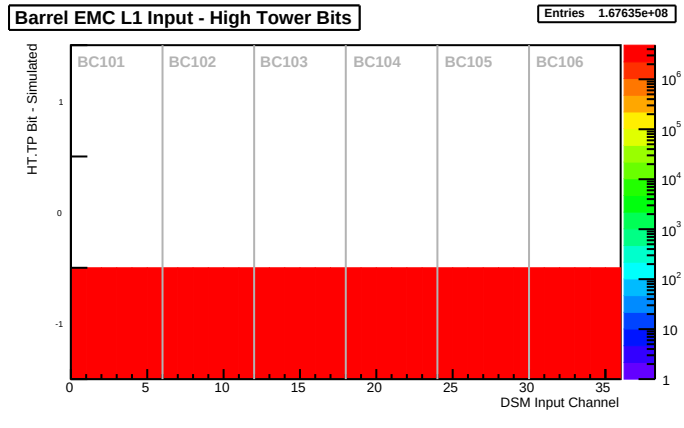

Barrel EMC L1 Input - High Eta Sum
Entries 1.786205e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

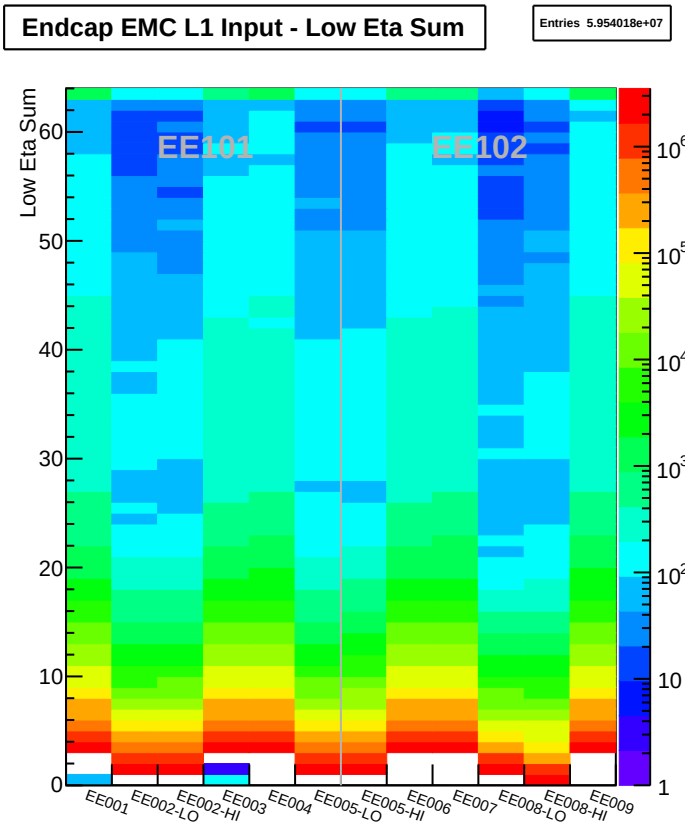

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

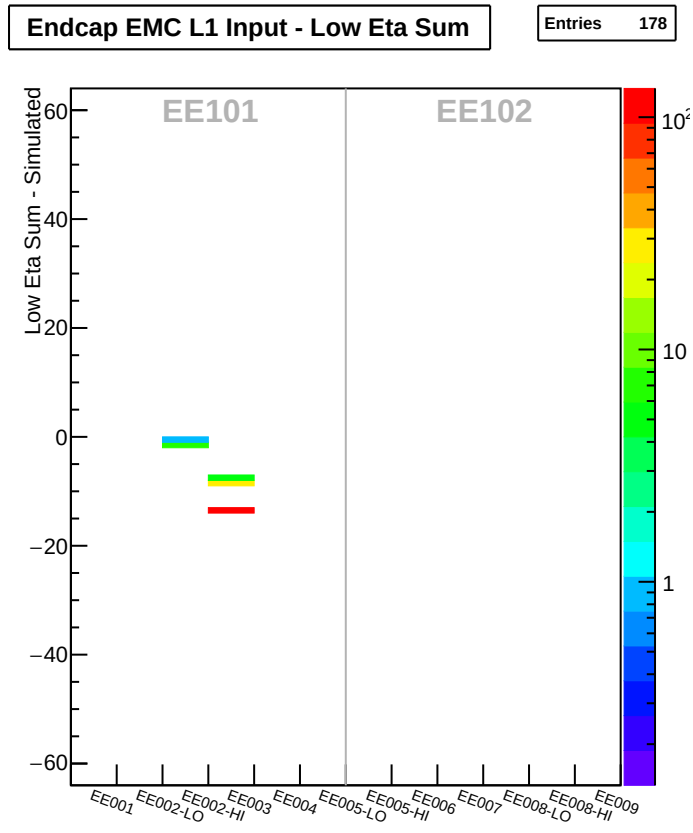

Barrel EMC L1 Input - High Tower Bits
Entries 1.786205e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

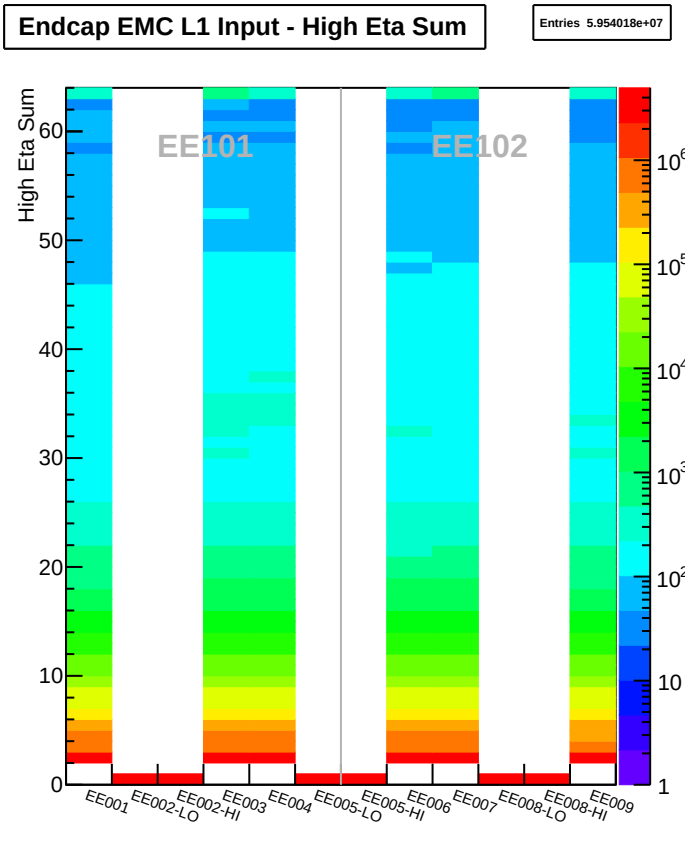

Barrel EMC L1 Input - High Tower Bits
Entries 1.785304e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

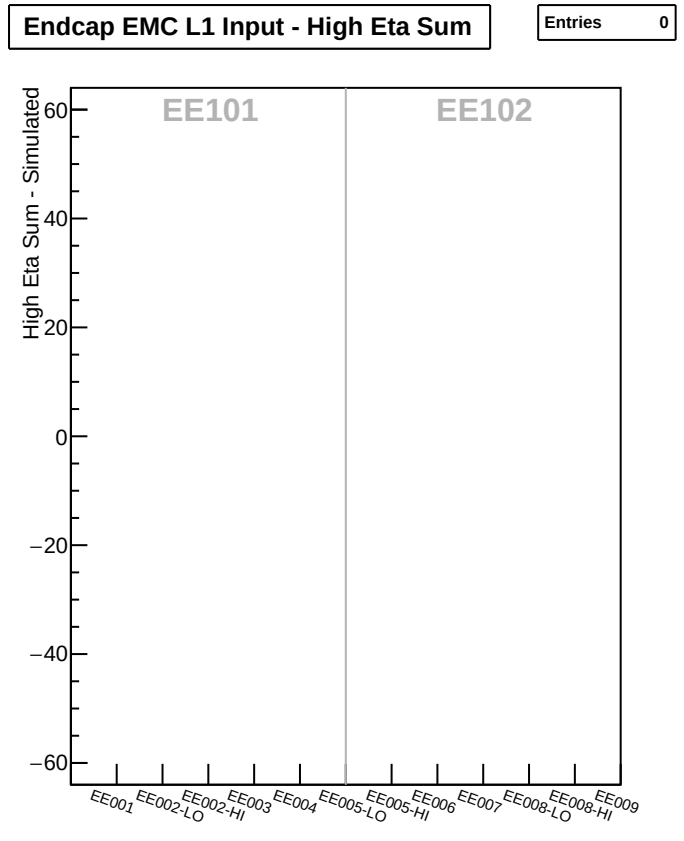

Barrel EMC L1 Input - HT.TP Bit
Entries 1.786205e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

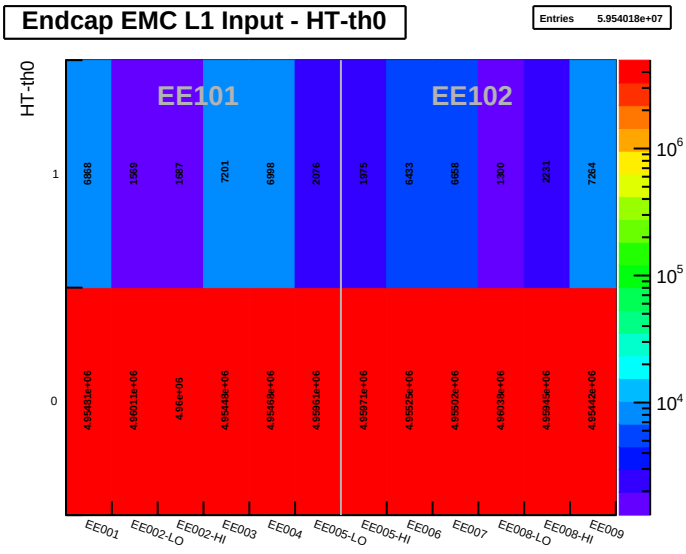

Barrel EMC L1 Input - High Tower Bits
Entries 1.67635e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

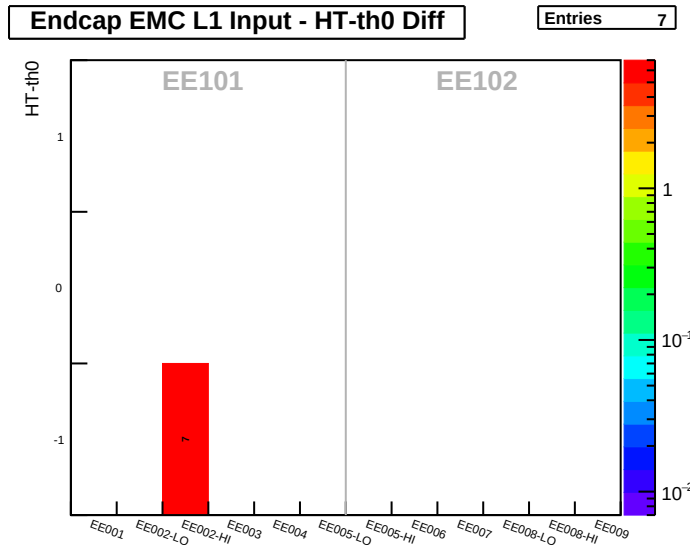

Endcap EMC L1 Input - Low Eta Sum
Entries 5.954018e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

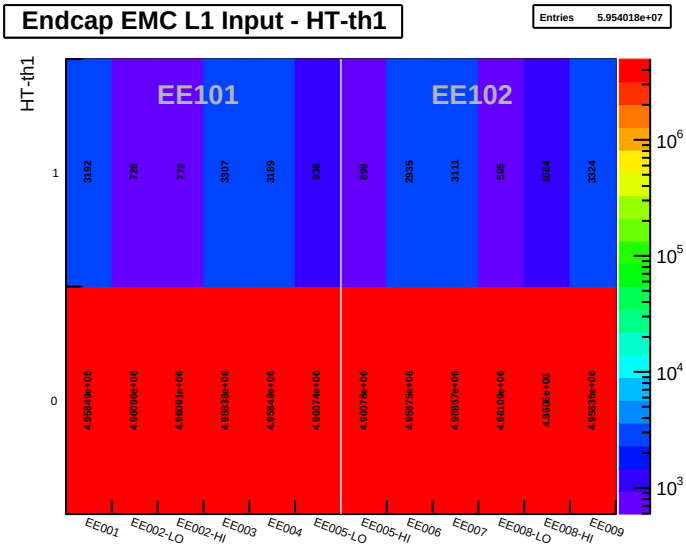

Endcap EMC L1 Input - Low Eta Sum
Entries 178
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

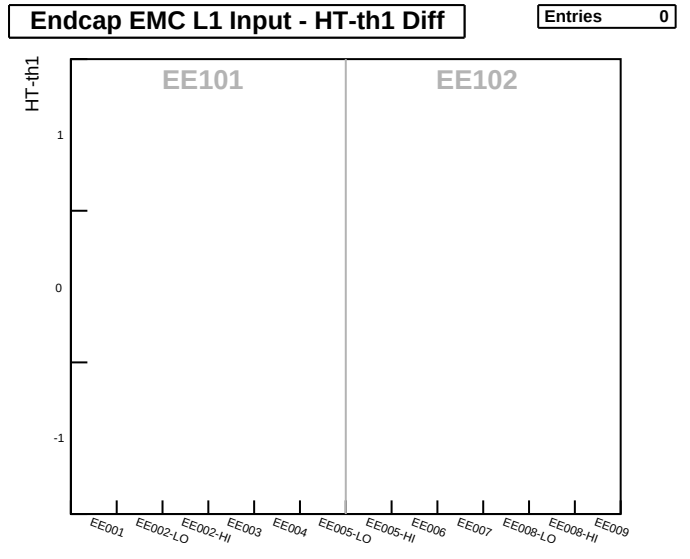

Endcap EMC L1 Input - High Eta Sum
Entries 5.954018e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

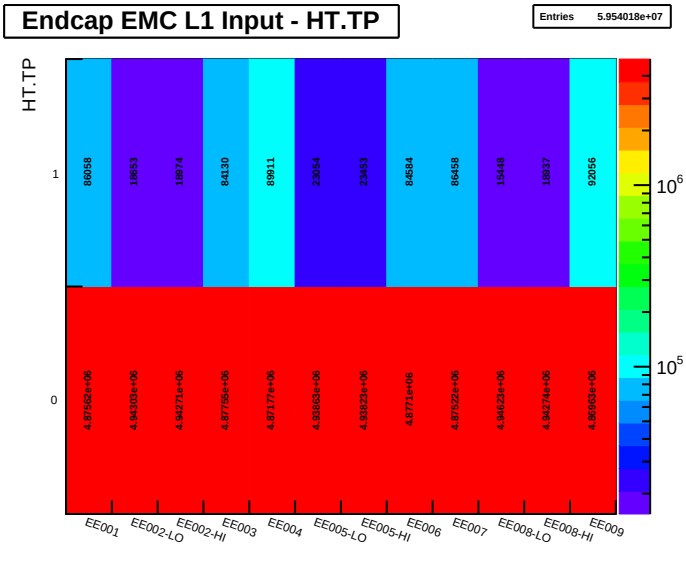

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

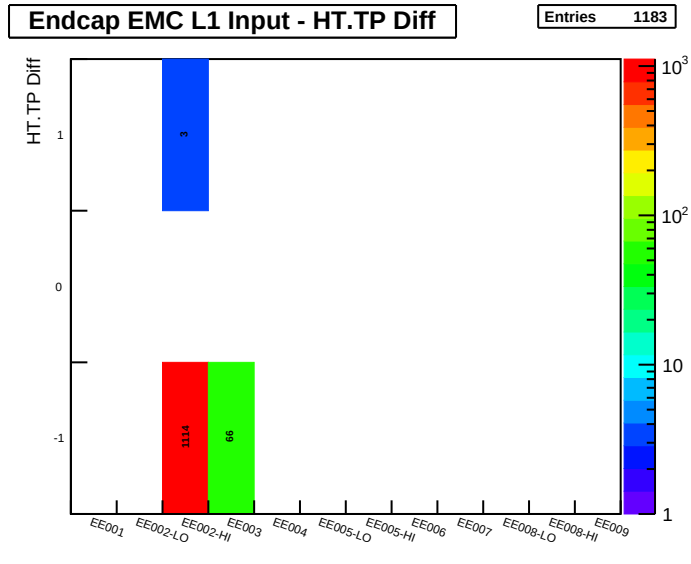

Endcap EMC L1 Input - HT-th0
Entries 5.954018e+07
HT-th0
EE101
EE102
6868 1569 1687 7201 6998 2076 1975 6433 6658 1300 2231 7264
4.95481e+06 4.96011e+06 4.96e+06 4.95449e+06 4.95468e+06 4.95961e+06 4.95971e+06 4.95525e+06 4.95502e+06 4.96039e+06 4.95945e+06 4.95442e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

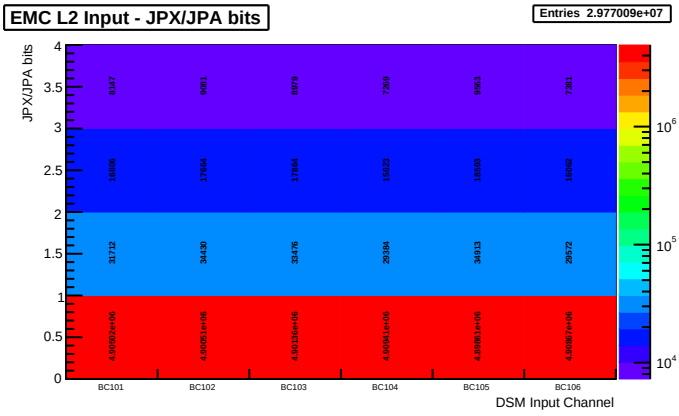

Endcap EMC L1 Input - HT-th0 Diff
Entries 7
HT-th0
EE101
EE102
7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

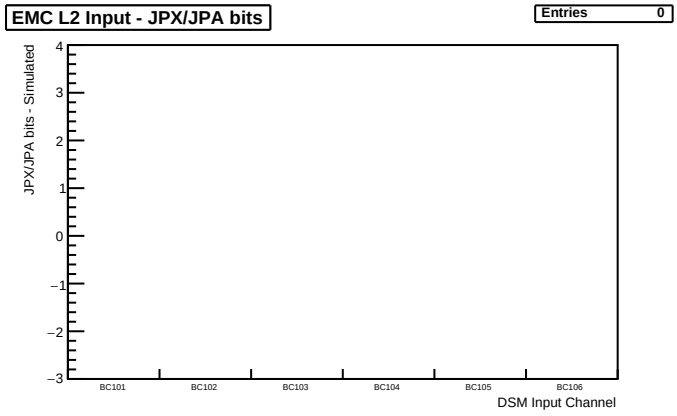

Endcap EMC L1 Input - HT-th1
Entries 5.954018e+07
HT-th1
EE101
EE102
3192 726 772 3367 3189 938 899 2935 3111 595 1084 3324
4.95849e+06 4.96096e+06 4.96091e+06 4.95838e+06 4.95849e+06 4.96074e+06 4.96078e+06 4.95875e+06 4.95957e+06 4.96109e+06 4.9606e+06 4.95836e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

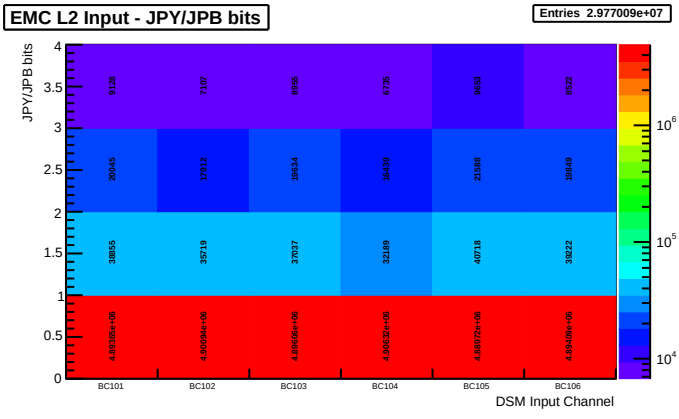

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

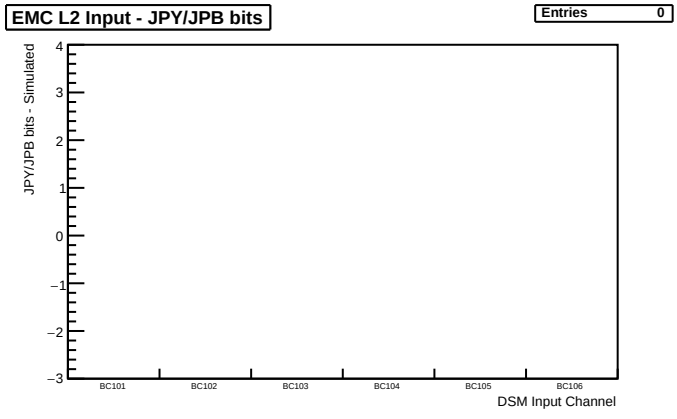

Endcap EMC L1 Input - HT.TP
Entries 5.954018e+07
HT.TP
86058 18653 18974 84130 89911 23054 23453 84584 86458 15448 18937 92056
4.87562e+06 4.94303e+06 4.94271e+06 4.87795e+06 4.87177e+06 4.93863e+06 4.93823e+06 4.8771e+06 4.87522e+06 4.94623e+06 4.94274e+06 4.86963e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

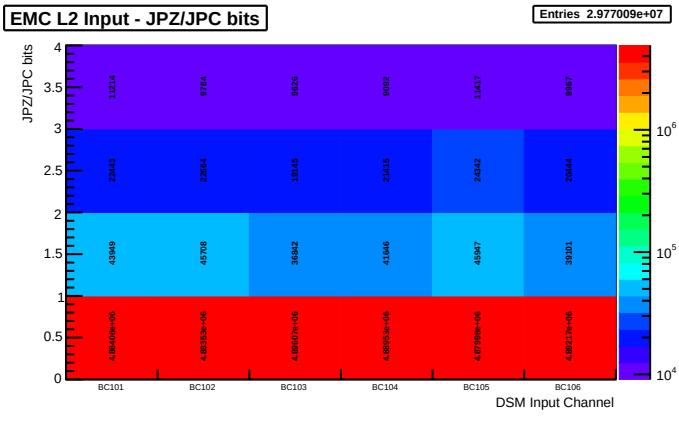

Endcap EMC L1 Input - HT.TP Diff
Entries 1183
HT.TP Diff
3
1114
66
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

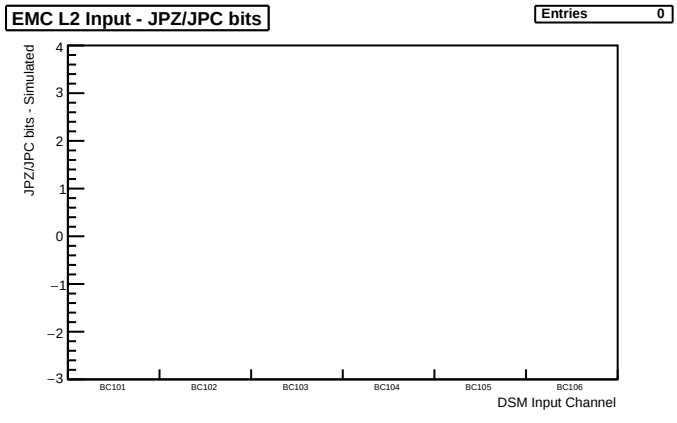

EMC L2 Input - JPX/JPA bits
Entries 2.977009e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8147
9931
8979
7269
9563
7381
16606
17864
17864
15623
18558
16062
31712
34430
33476
29394
34913
29572
4.90502e+06
4.90051e+06
4.90136e+06
4.90941e+06
4.89861e+06
4.90857e+06

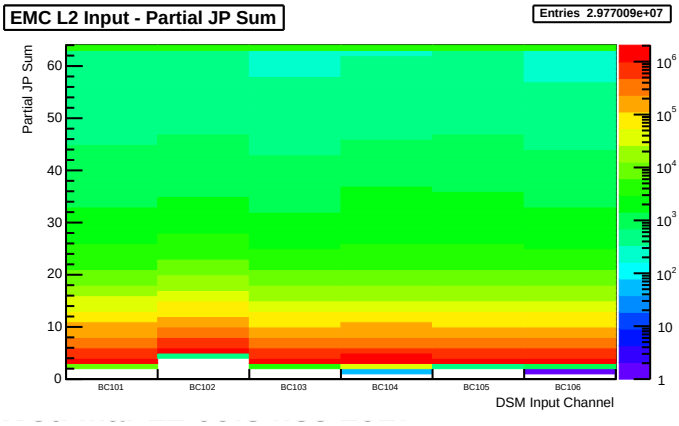

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

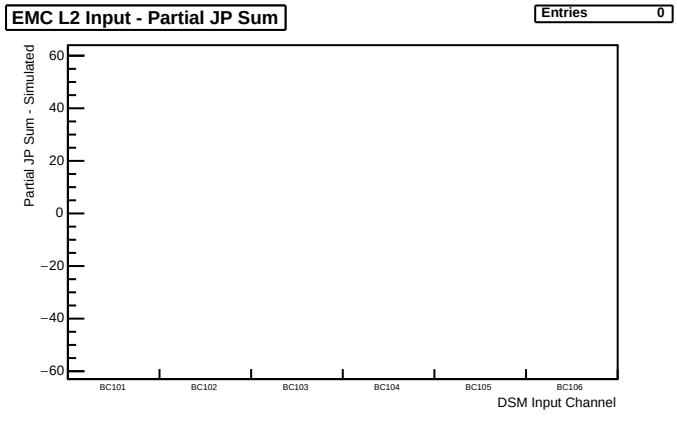

EMC L2 Input - JPY/JPB bits
Entries 2.977009e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9128
7107
8995
6735
9653
8522
20045
17912
19834
16439
21588
19849
38855
35719
37037
32189
40718
38222
4.89366e+06
4.90094e+06
4.89506e+06
4.90532e+06
4.88972e+06
4.89409e+06

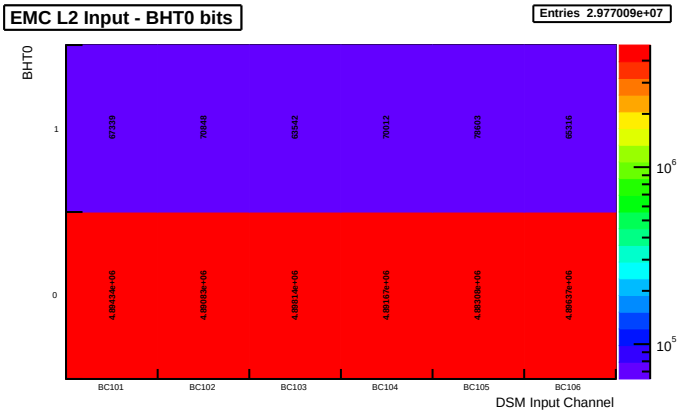

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

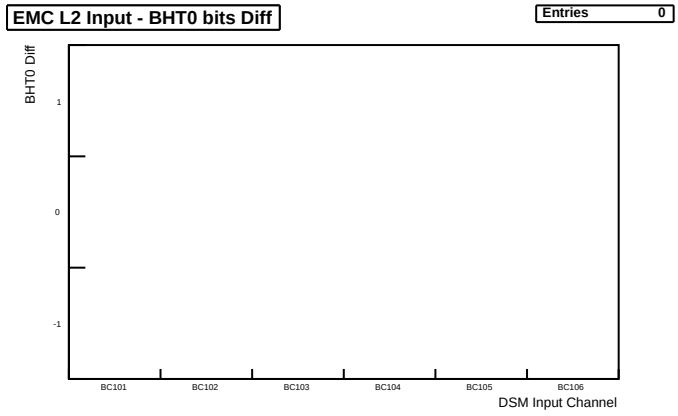

EMC L2 Input - JPZ/JPC bits
Entries 2.977009e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11214
9734
9626
9092
11417
9967
22443
22564
19345
21415
24342
20444
43949
45708
38942
41646
45947
39101
4.88409e+06
4.88353e+06
4.88607e+06
4.89953e+06
4.87998e+06
4.89217e+06

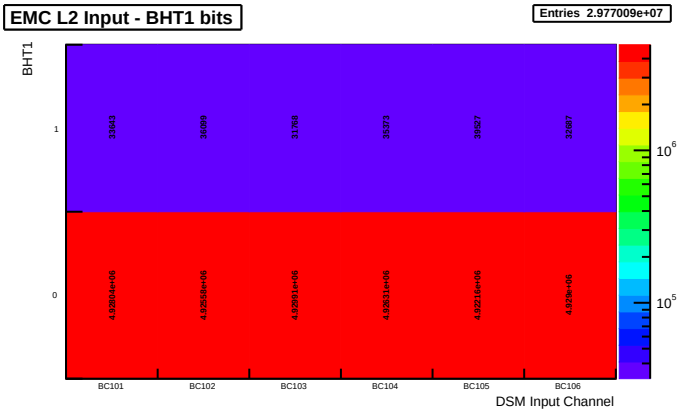

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

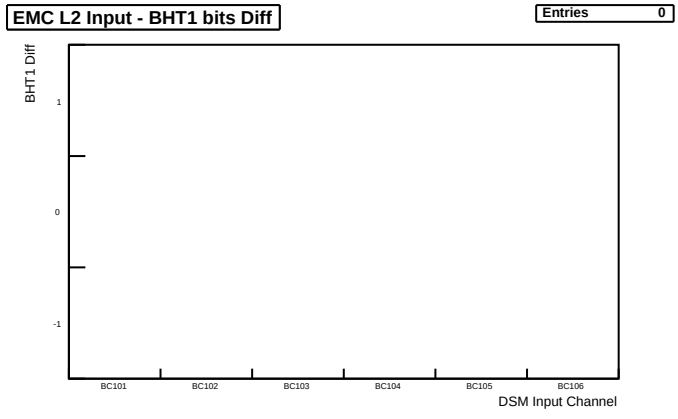

EMC L2 Input - Partial JP Sum
Entries 2.977009e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

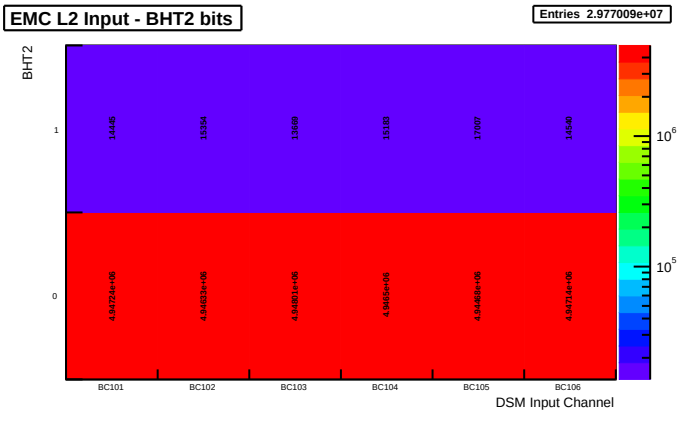

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

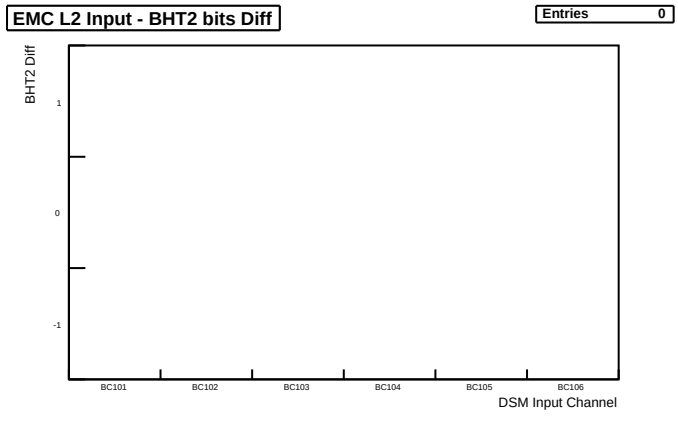

EMC L2 Input - BHT0 bits
Entries 2.977009e+07
BHT0
1
0
67339
70848
65542
70012
78603
65316
4.89434e+06
4.89083e+06
4.89814e+06
4.89167e+06
4.89309e+06
4.89637e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

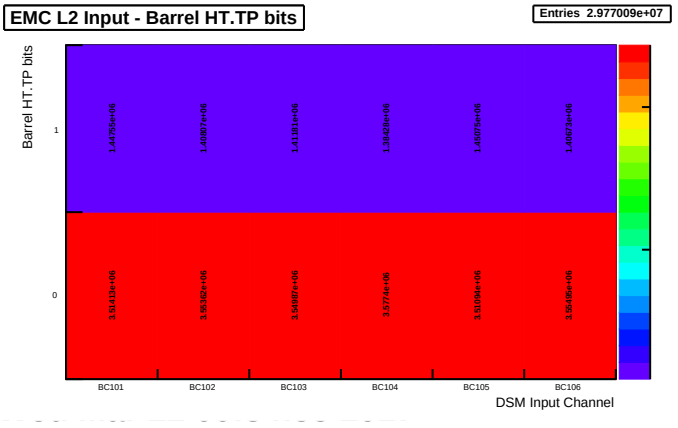

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

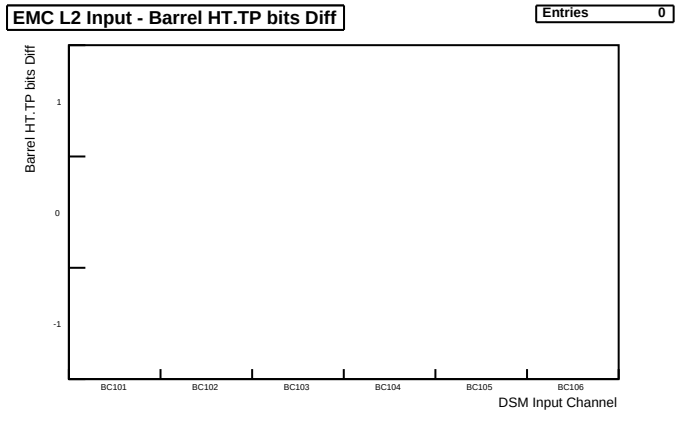

EMC L2 Input - BHT1 bits
Entries 2.977009e+07
BHT1
1
0
33643
36099
31768
35373
39927
32687
4.92304e+06
4.92558e+06
4.92991e+06
4.92631e+06
4.92216e+06
4.929e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

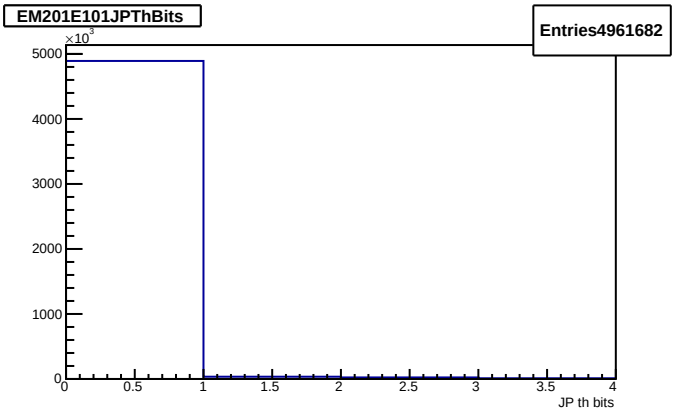

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

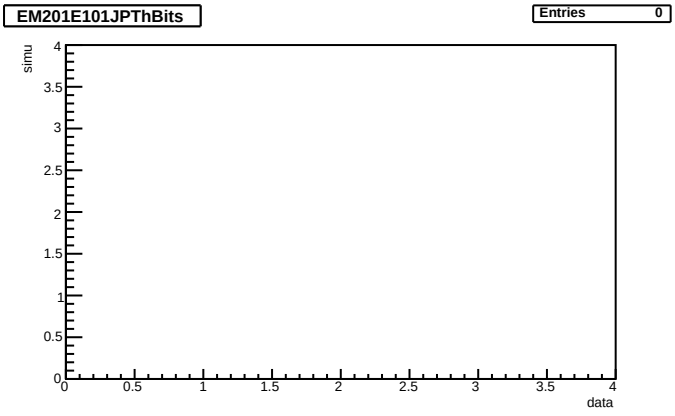

EMC L2 Input - BHT2 bits
Entries 2.977009e+07
BHT2
1
0
14445
15354
13569
15133
17007
14540
4.94724e+06
4.94633e+06
4.94801e+06
4.9465e+06
4.94468e+06
4.94714e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

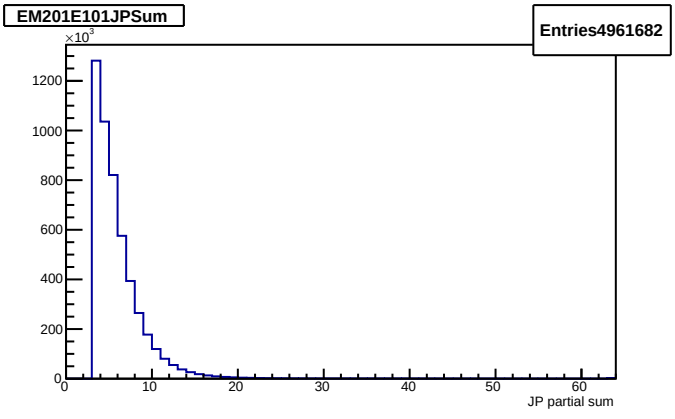

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

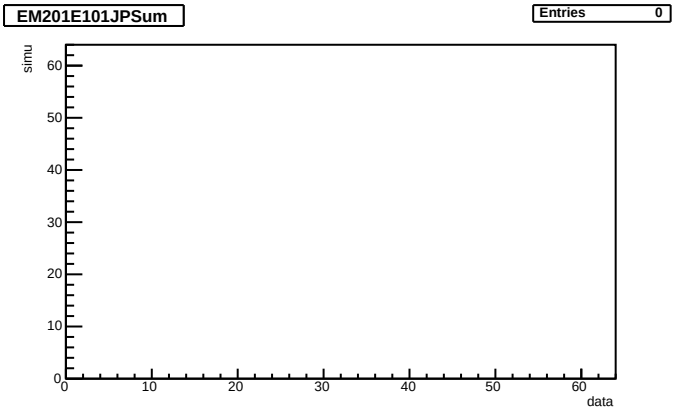

EMC L2 Input - Barrel HT.TP bits
Entries 2.977009e+07
Barrel HT.TP bits
1
0
1.44755e+06
1.40997e+06
1.41181e+06
1.38428e+06
1.45075e+06
1.40673e+06
3.51413e+06
3.55362e+06
3.54697e+06
3.5774e+06
3.51094e+06
3.55405e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

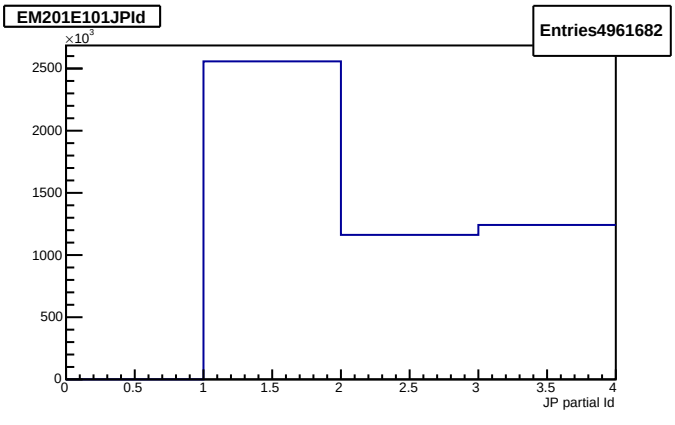

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

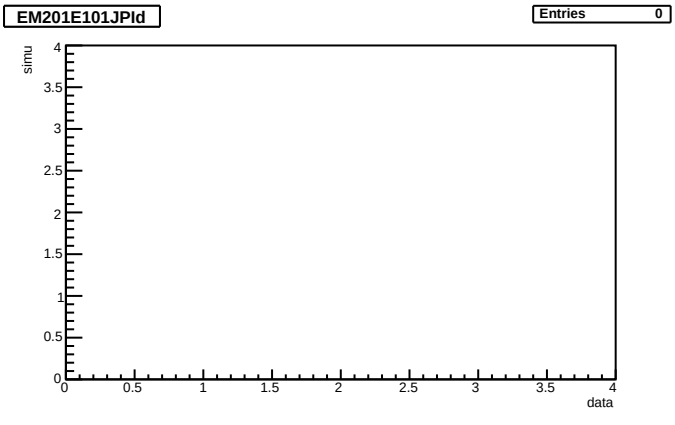

EM201E101JPThBits
Entries4961682
×10^3
JP th bits

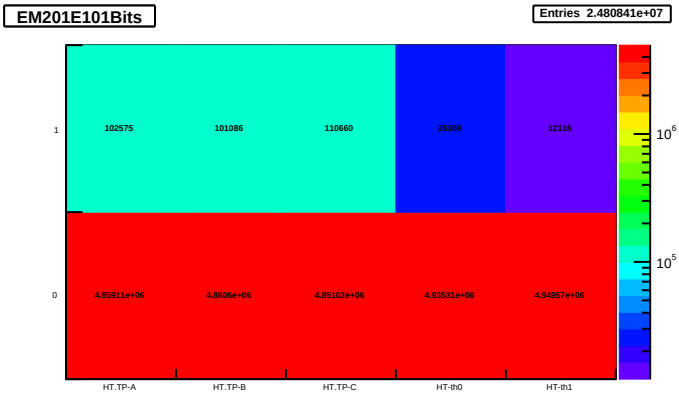

EM201E101JPThBits
Entries 0
simu
data

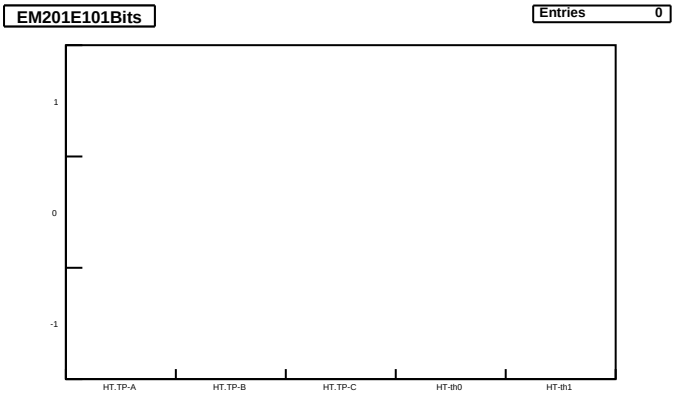

EM201E101JPSum
Entries4961682
×10^3
JP partial sum

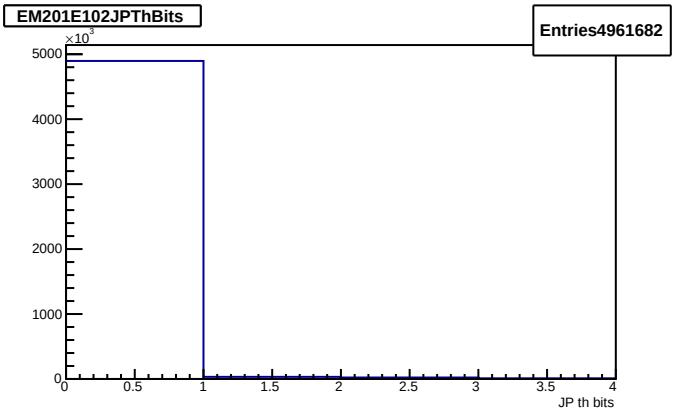

EM201E101JPSum
Entries 0
simu
data

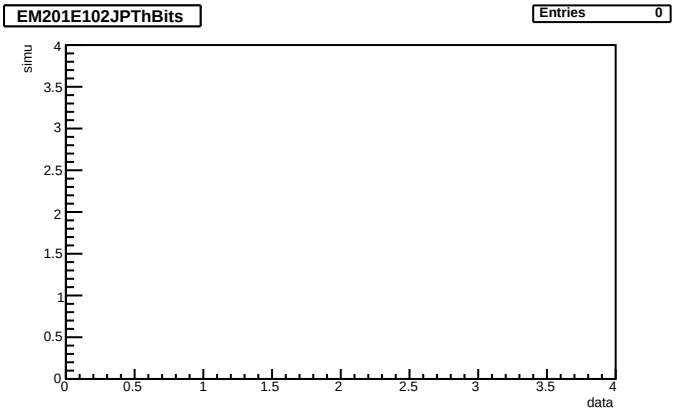

EM201E101JPId
Entries4961682
×10^3
JP partial Id

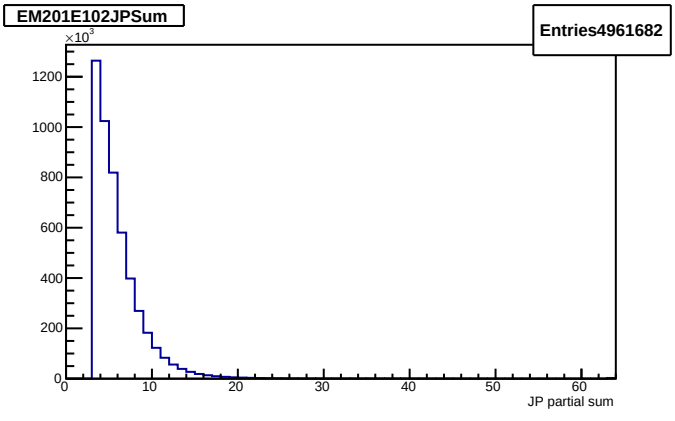

EM201E101JPId
Entries 0
simu
data

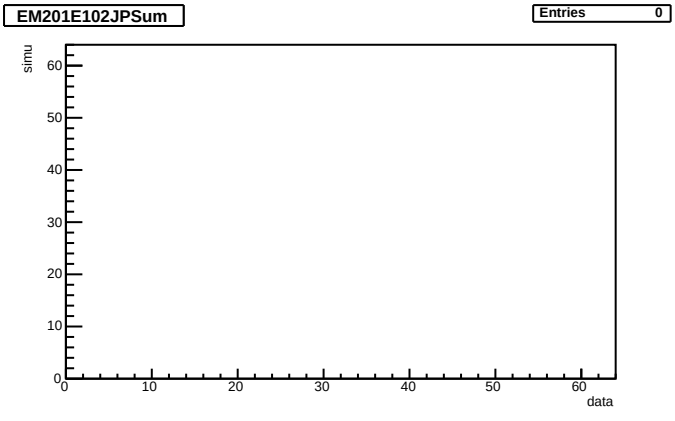

EM201E101Bits
Entries 2.480841e+07
102575
101086
110660
20369
12116
4.85911e+06
4.8606e+06
4.85102e+06
4.93531e+06
4.94957e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

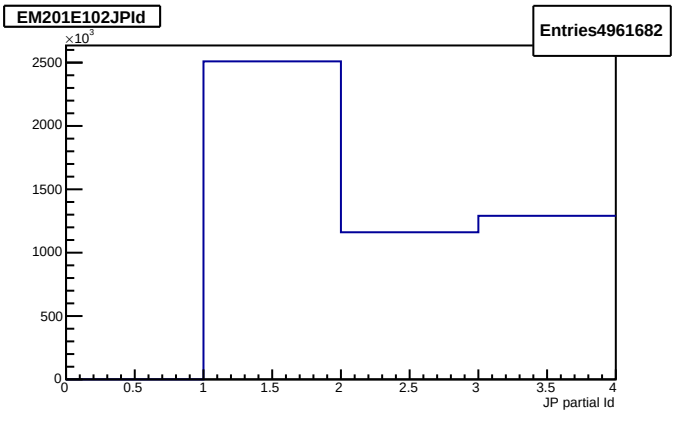

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

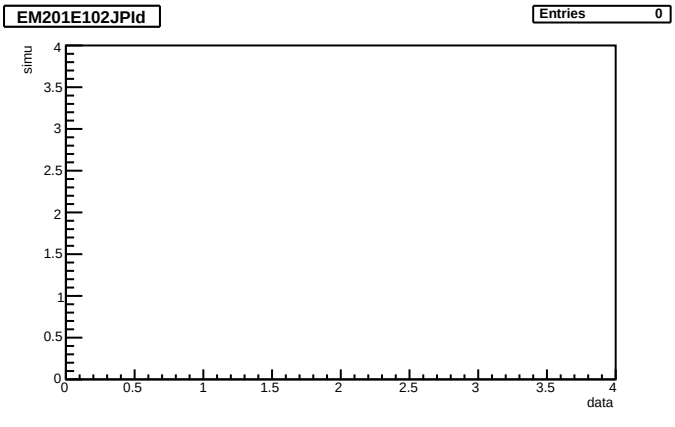

EM201E102JPThBits
Entries4961682
×10^3
JP th bits

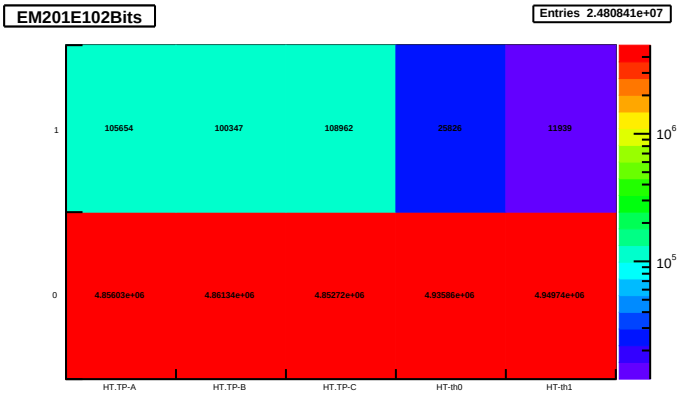

EM201E102JPThBits
Entries 0
simu
data

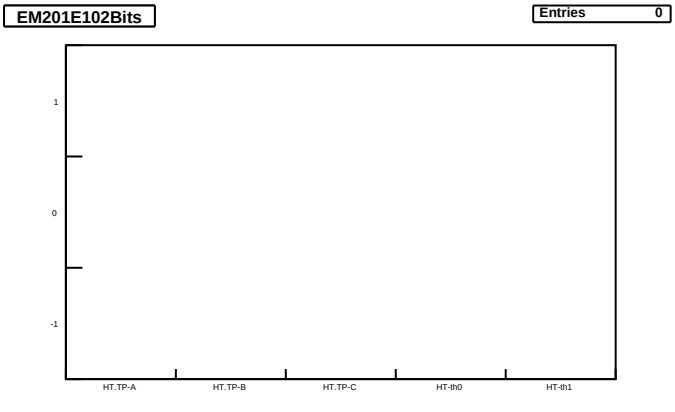

EM201E102JPSum
Entries4961682
×10^3
JP partial sum

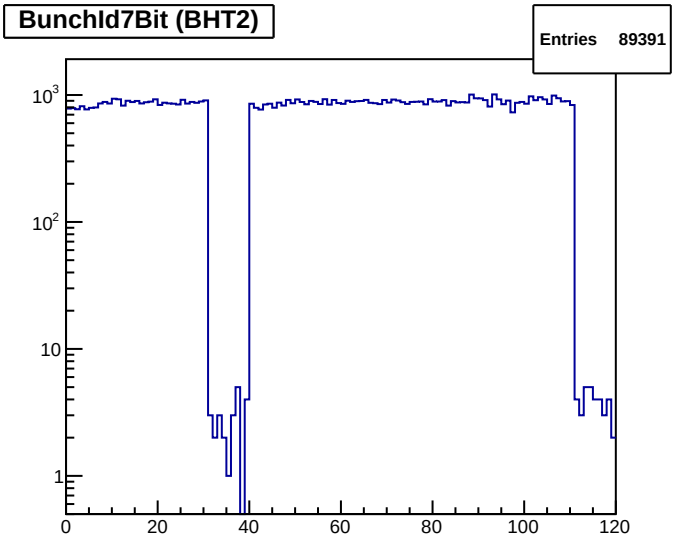

EM201E102JPSum
Entries 0
simu
data

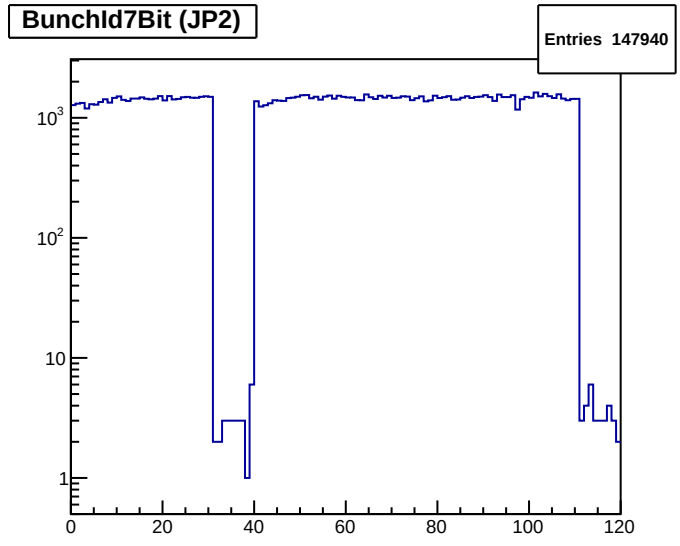

EM201E102JPId
Entries4961682
×10^3
JP partial Id

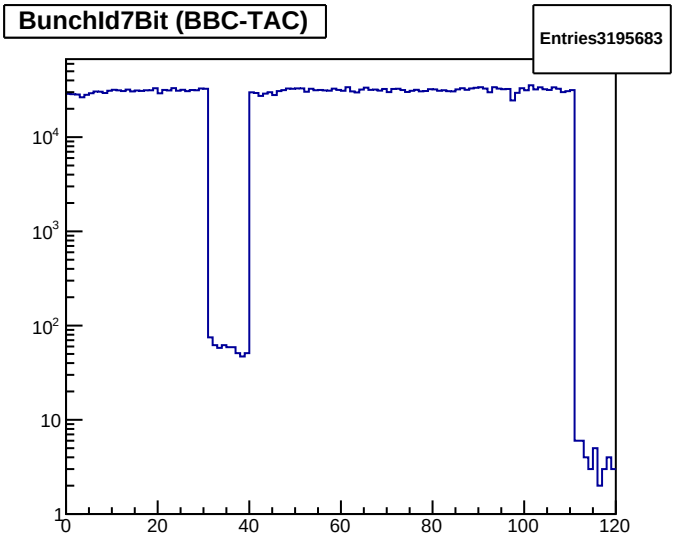

EM201E102JPId
Entries 0
simu
data

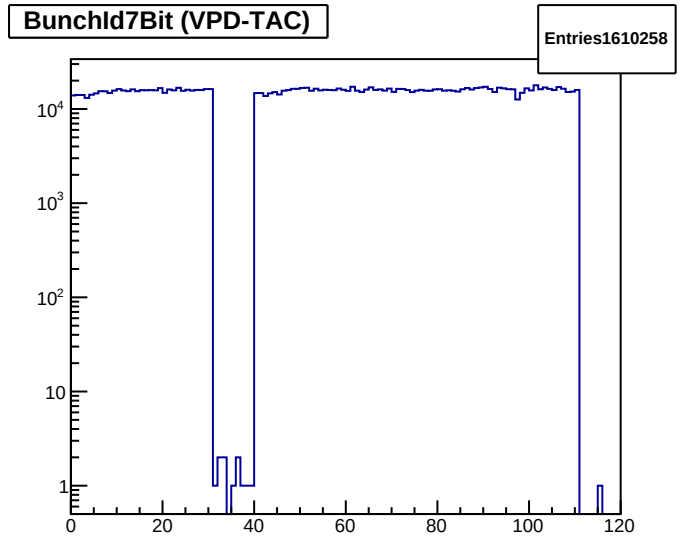

EM201E102Bits
Entries 2.480841e+07
105654
100347
108962
25826
11933
4.85603e+06
4.86134e+06
4.85272e+06
4.93586e+06
4.94974e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

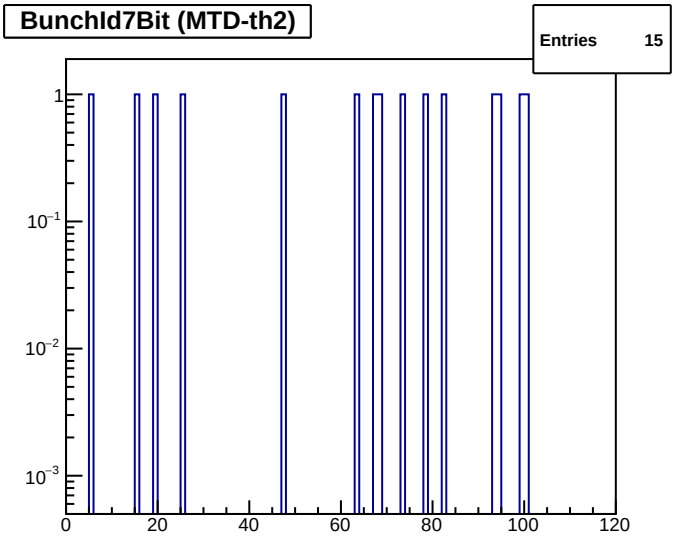

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

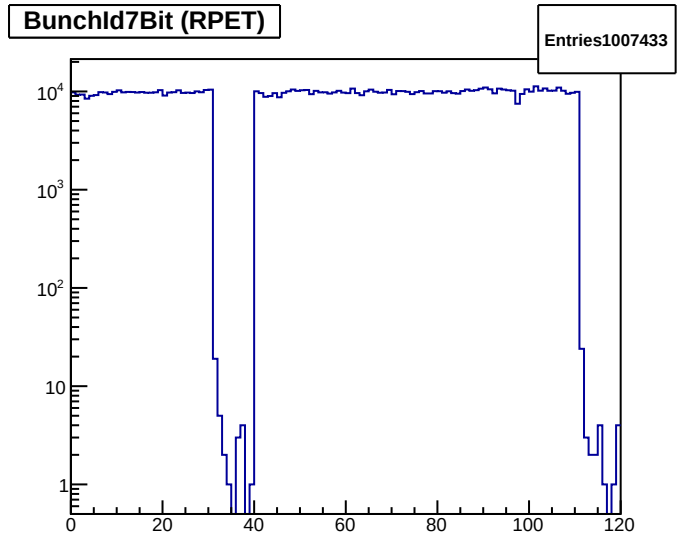

BunchId7Bit (BHT2)
Entries 89391

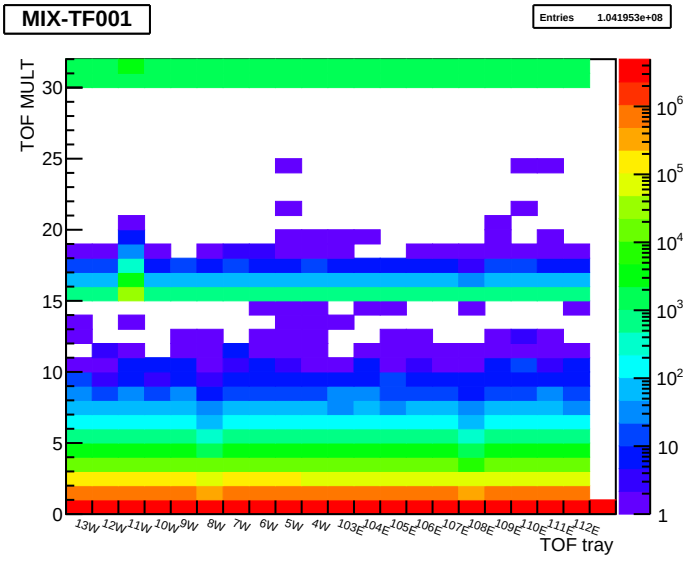

BunchId7Bit (JP2)
Entries 147940

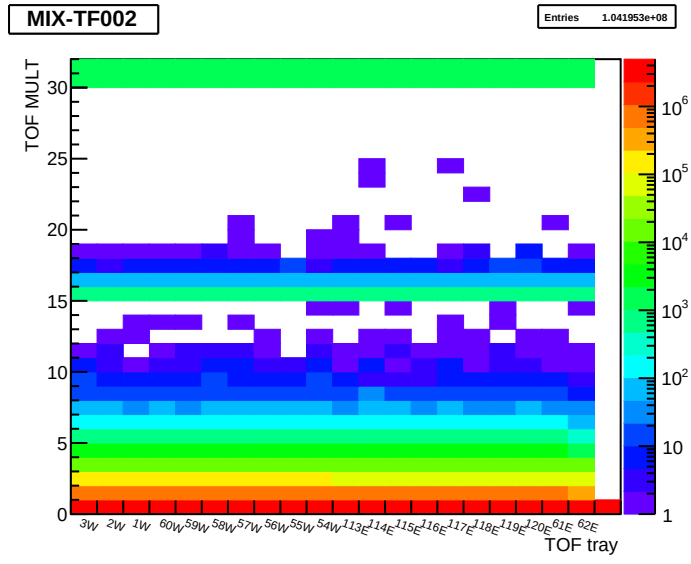

BunchId7Bit (BBC-TAC)
Entries3195683

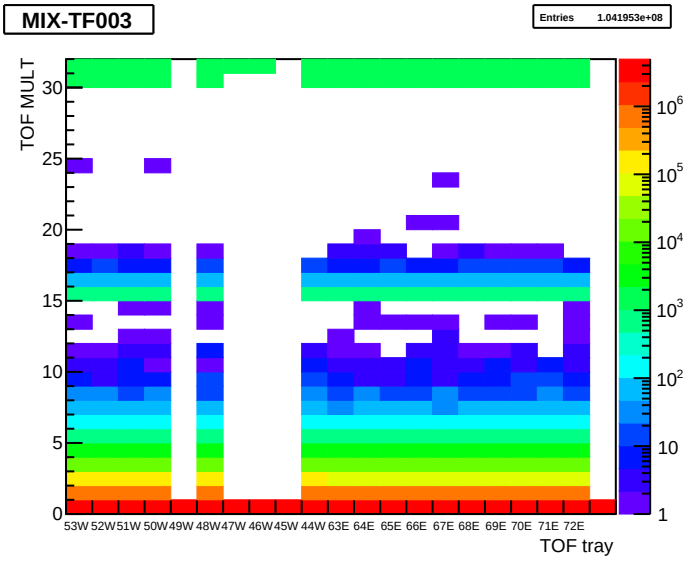

BunchId7Bit (VPD-TAC)
Entries1610258

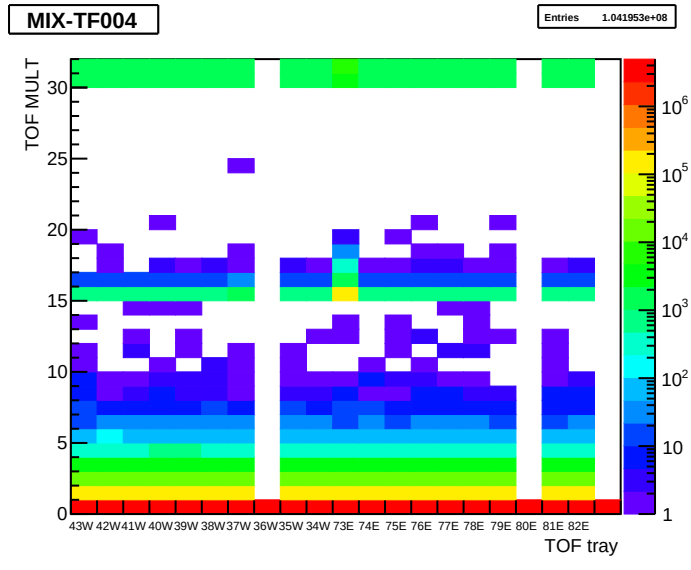

BunchId7Bit (MTD-th2)
Entries 15

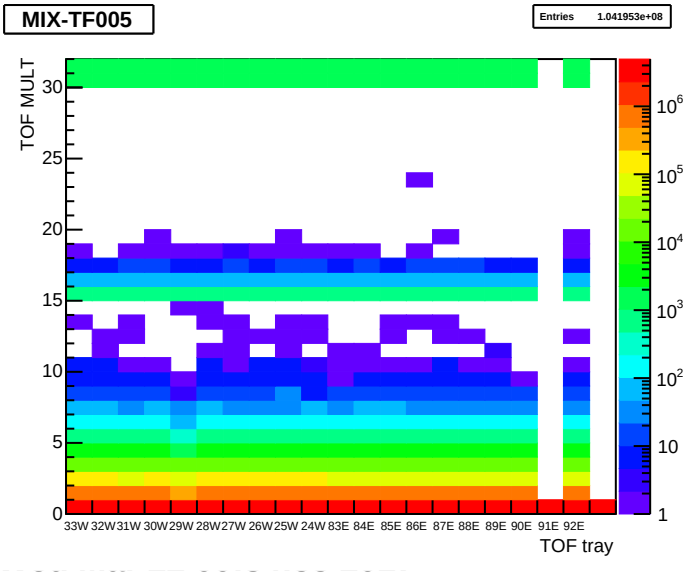

BunchId7Bit (RPET)
Entries1007433

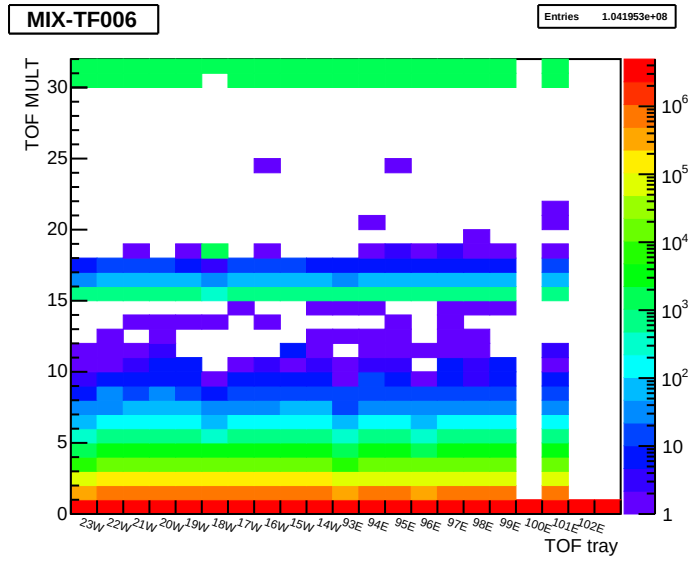

MIX-TF001
Entries 1.041953e+08
TOF MULT
TOF tray

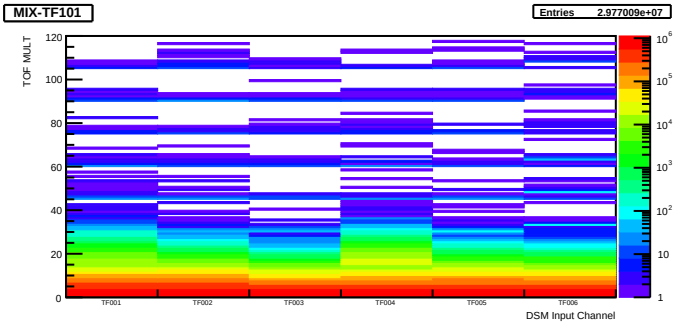

MIX-TF002
Entries 1.041953e+08
TOF MULT
TOF tray

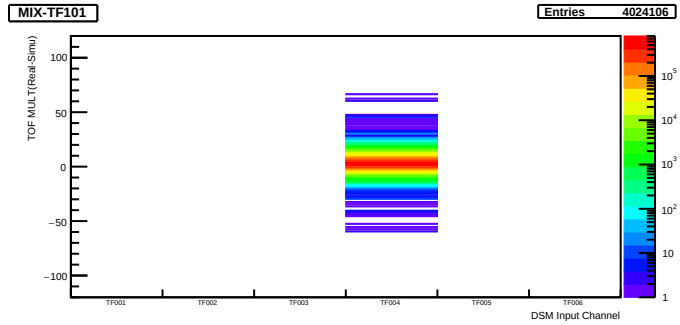

MIX-TF003
Entries 1.041953e+08
TOF MULT
TOF tray

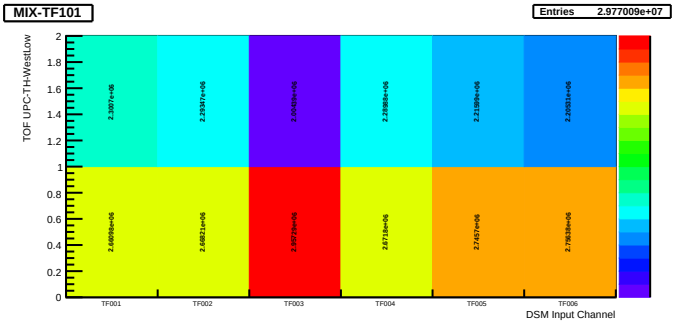

MIX-TF004
Entries 1.041953e+08
TOF MULT
TOF tray

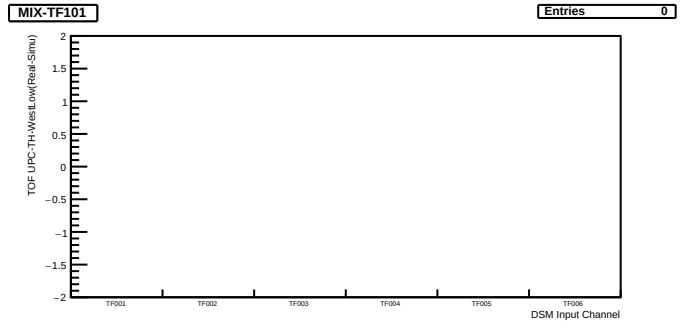

MIX-TF005
Entries 1.041953e+08
TOF MULT
TOF tray

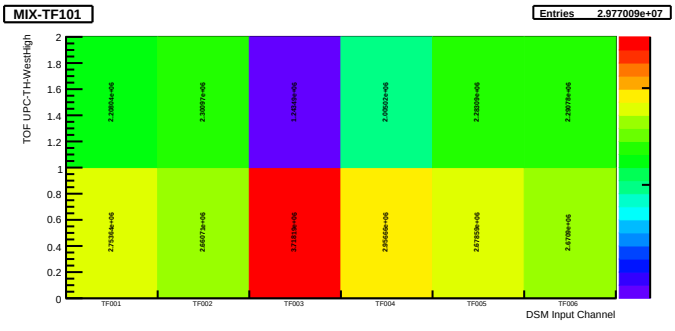

MIX-TF006
Entries 1.041953e+08
TOF MULT
TOF tray

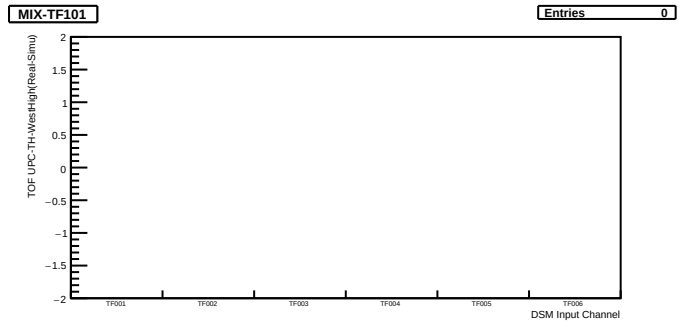

MIX-TF101
Entries 2.977009e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

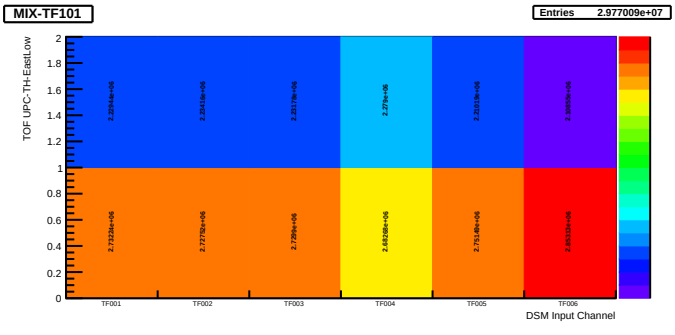

MIX-TF101
Entries 4024106
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

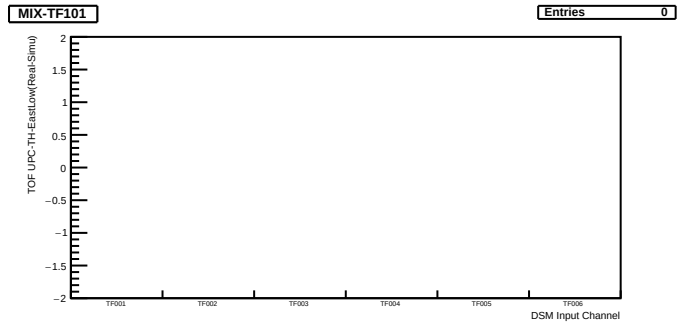

MIX-TF101
Entries 2.977009e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

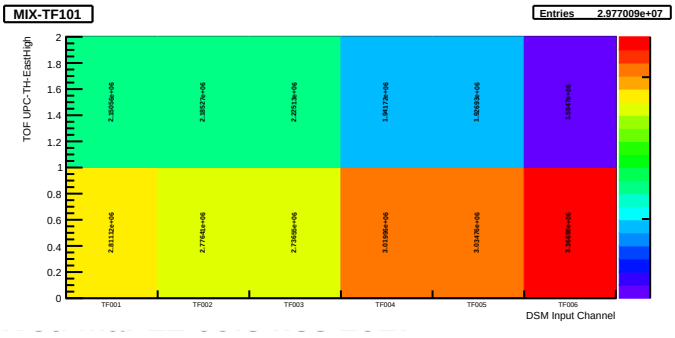

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

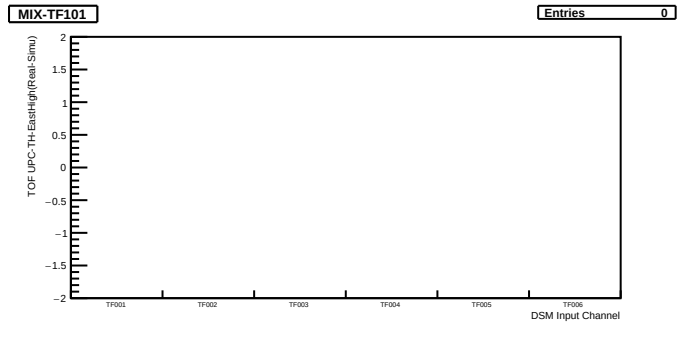

MIX-TF101
Entries 2.977009e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

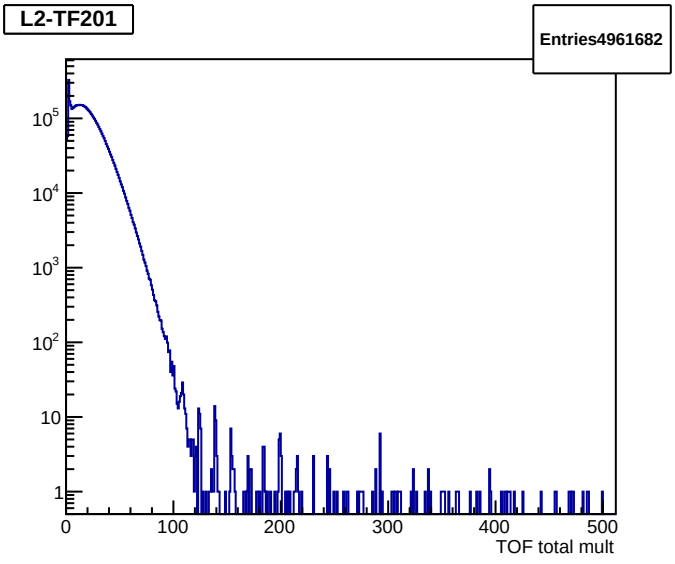

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

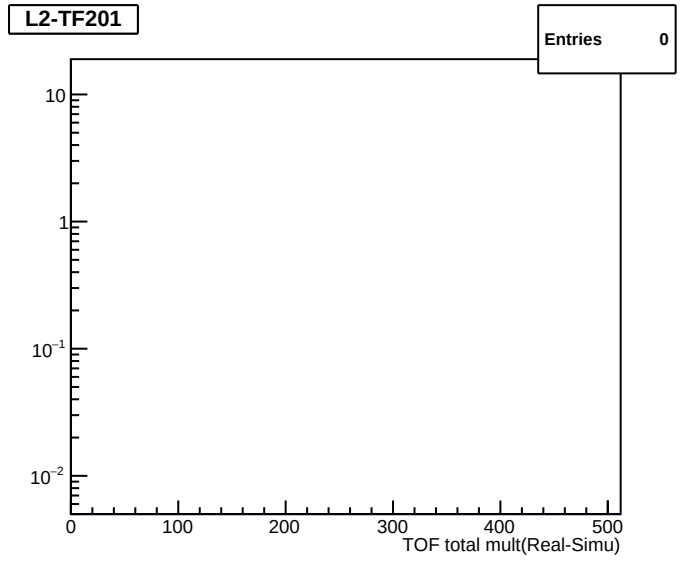

MIX-TF101
Entries 2.977009e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

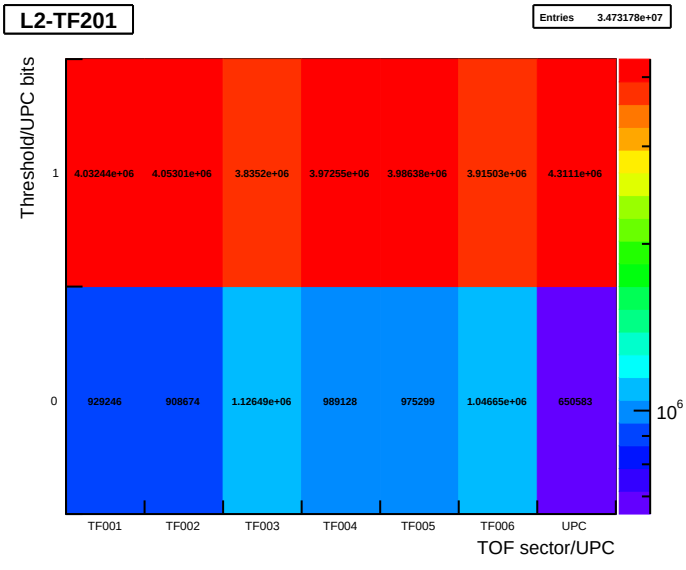

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

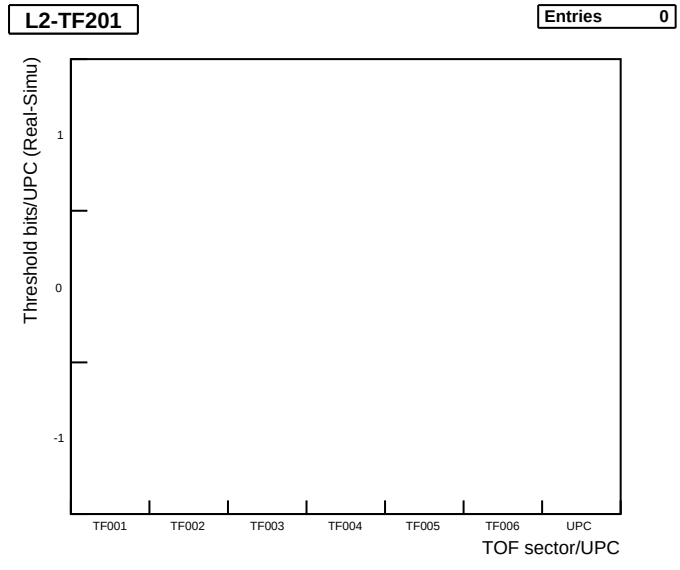

MIX-TF101
Entries 2.977009e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

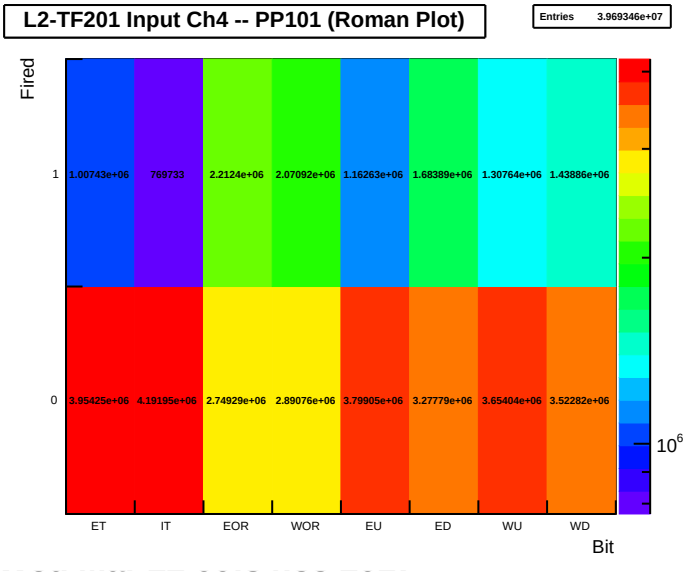

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

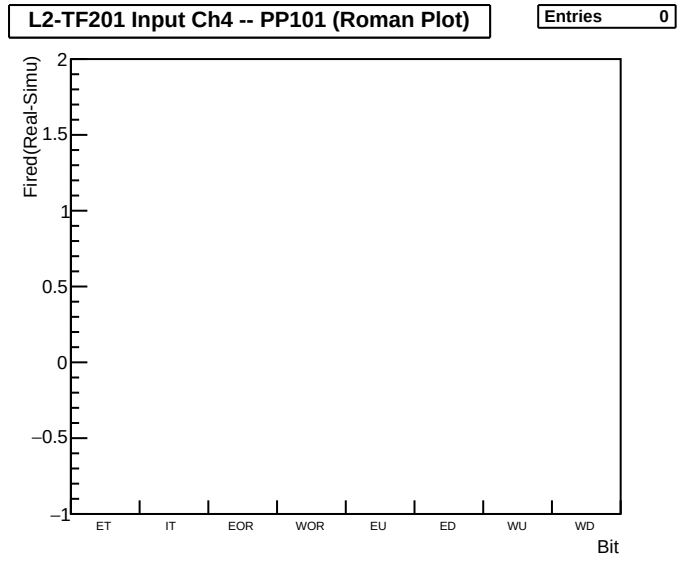

L2-TF201
Entries4961682
TOF total mult

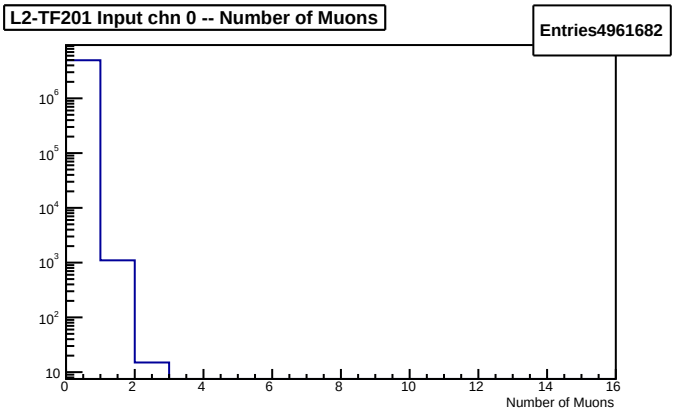

L2-TF201
Entries 0
TOF total mult(Real-Simu)

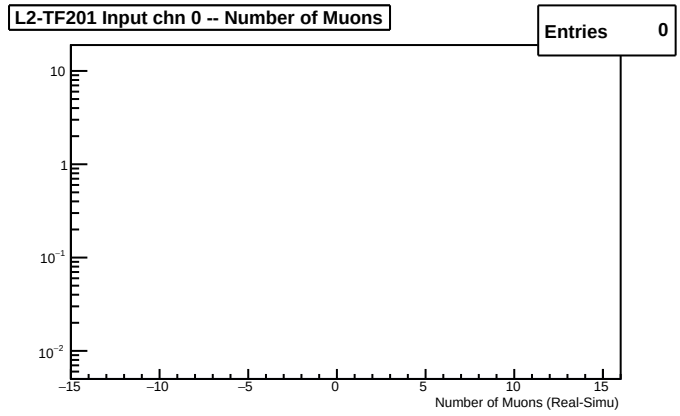

L2-TF201
Entries 3.473178e+07
Threshold/UPC bits
4.03244e+06
4.05301e+06
3.8352e+06
3.97255e+06
3.98638e+06
3.91503e+06
4.3111e+06
929246
908674
1.12649e+06
989128
975299
1.04665e+06
650583
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

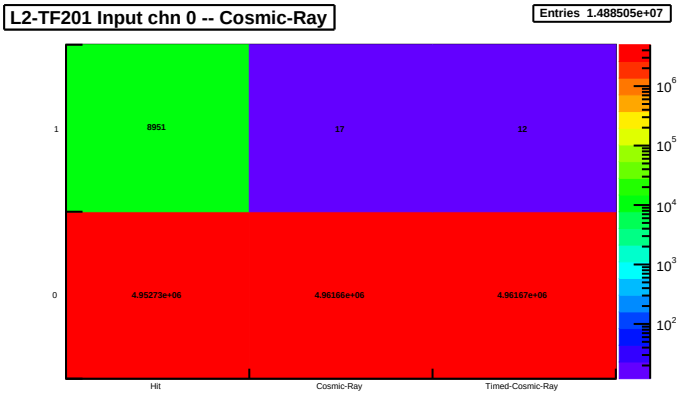

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

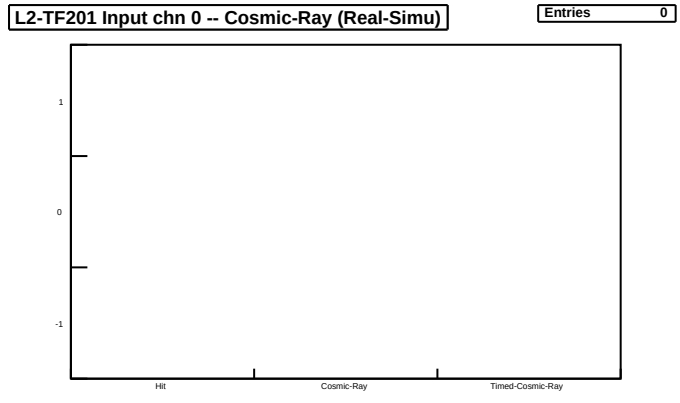

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.969346e+07
Fired
1.00743e+06
769733
2.2124e+06
2.07092e+06
1.16263e+06
1.68389e+06
1.30764e+06
1.43886e+06
3.95425e+06
4.19195e+06
2.74929e+06
2.89076e+06
3.79905e+06
3.27779e+06
3.65404e+06
3.52282e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

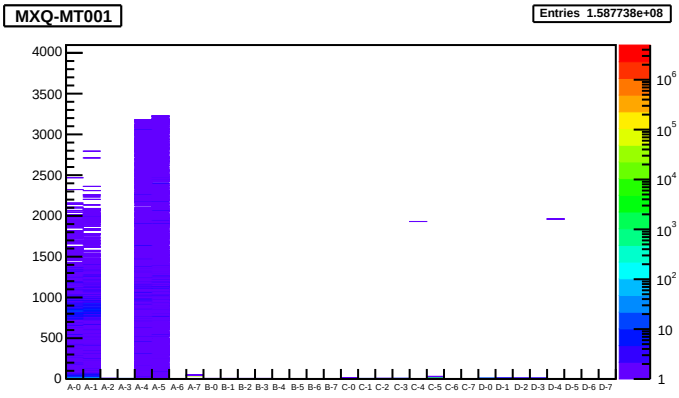

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

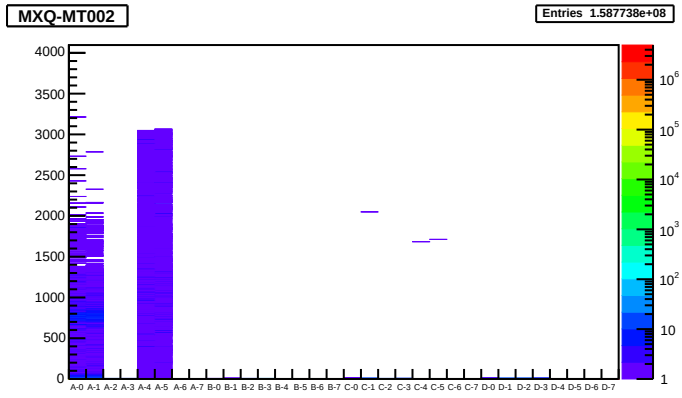

L2-TF201 Input chn 0 -- Number of Muons
Entries4961682
Number of Muons

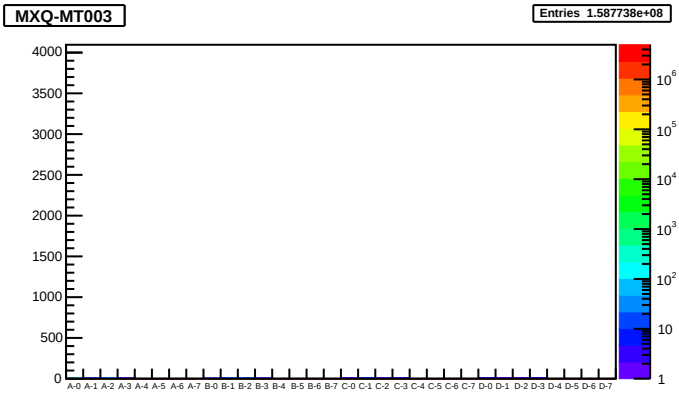

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

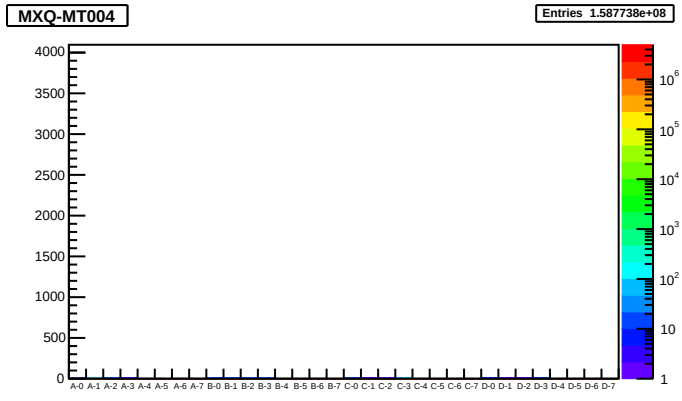

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.488505e+07
8951
17
12
4.95273e+06
4.96166e+06
4.96167e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

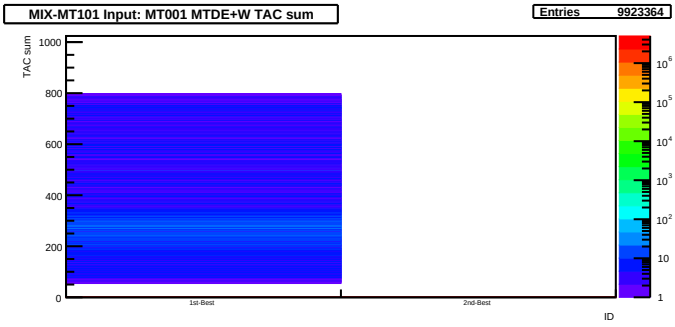

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

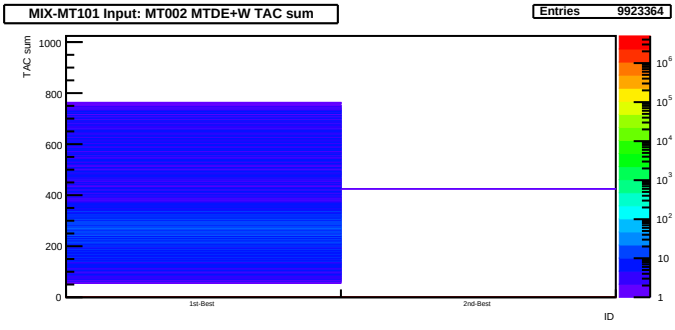

MXQ-MT001
Entries 1.587738e+08

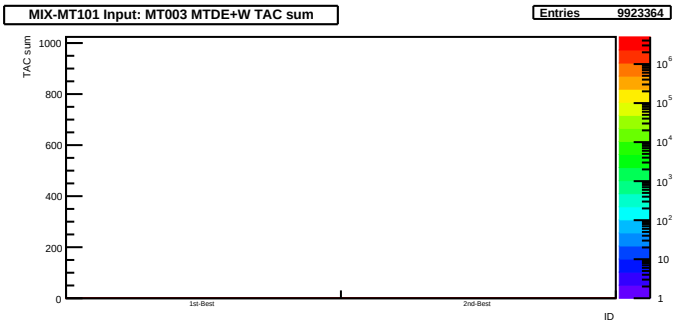

MXQ-MT002
Entries 1.587738e+08

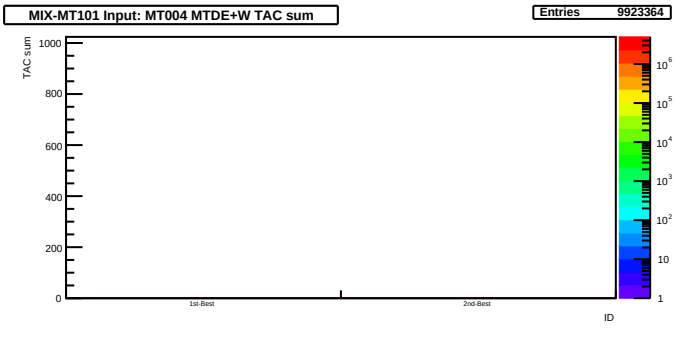

MXQ-MT003
Entries 1.587738e+08

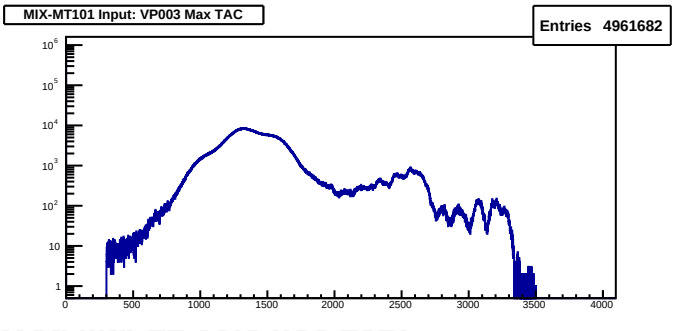

MXQ-MT004
Entries 1.587738e+08

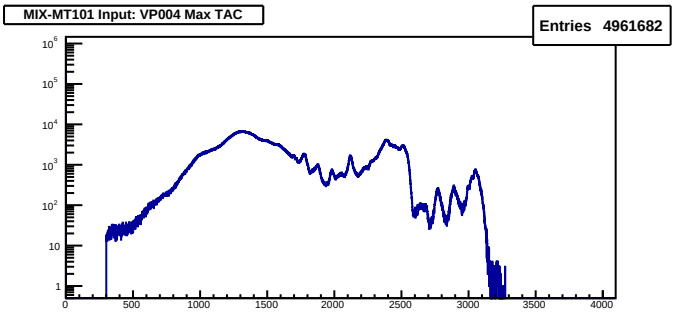

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9923364
TAC sum
1st-Best
2nd-Best
ID

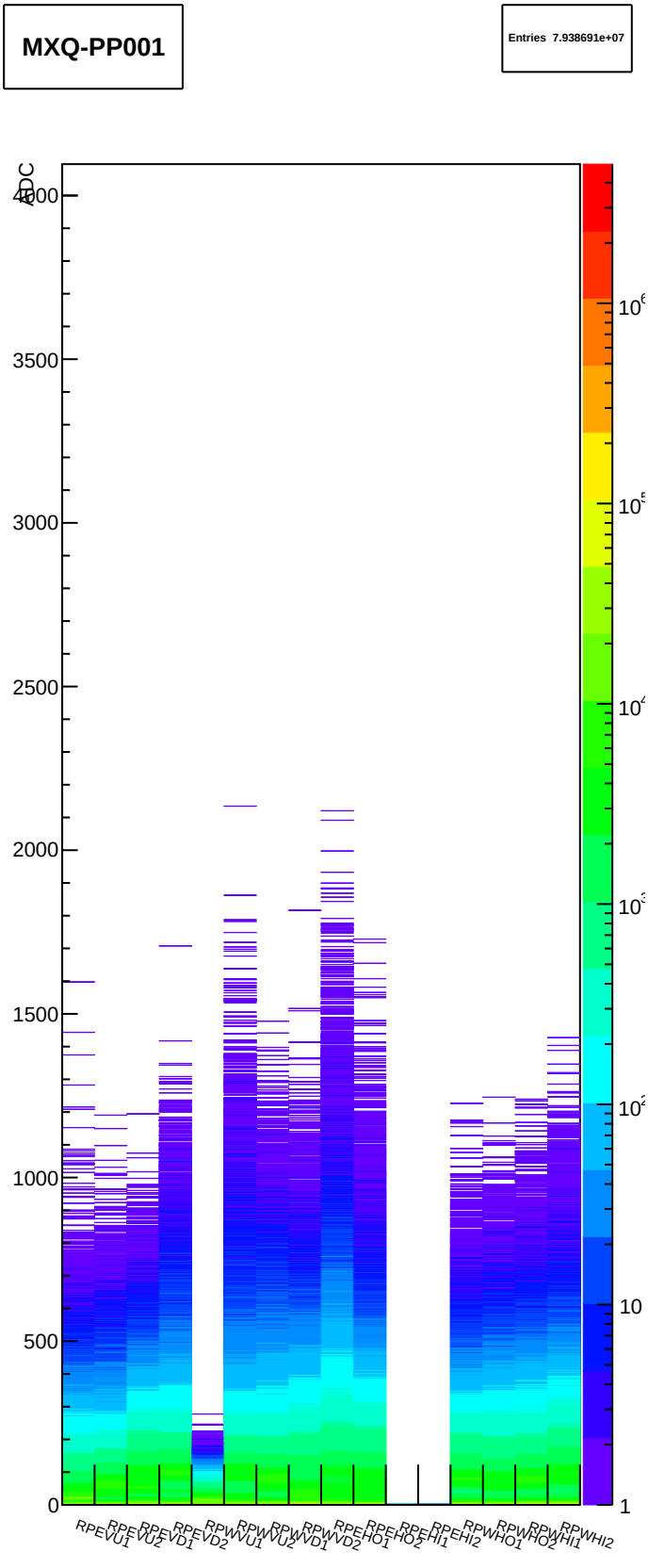

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9923364
TAC sum
1st-Best
2nd-Best
ID

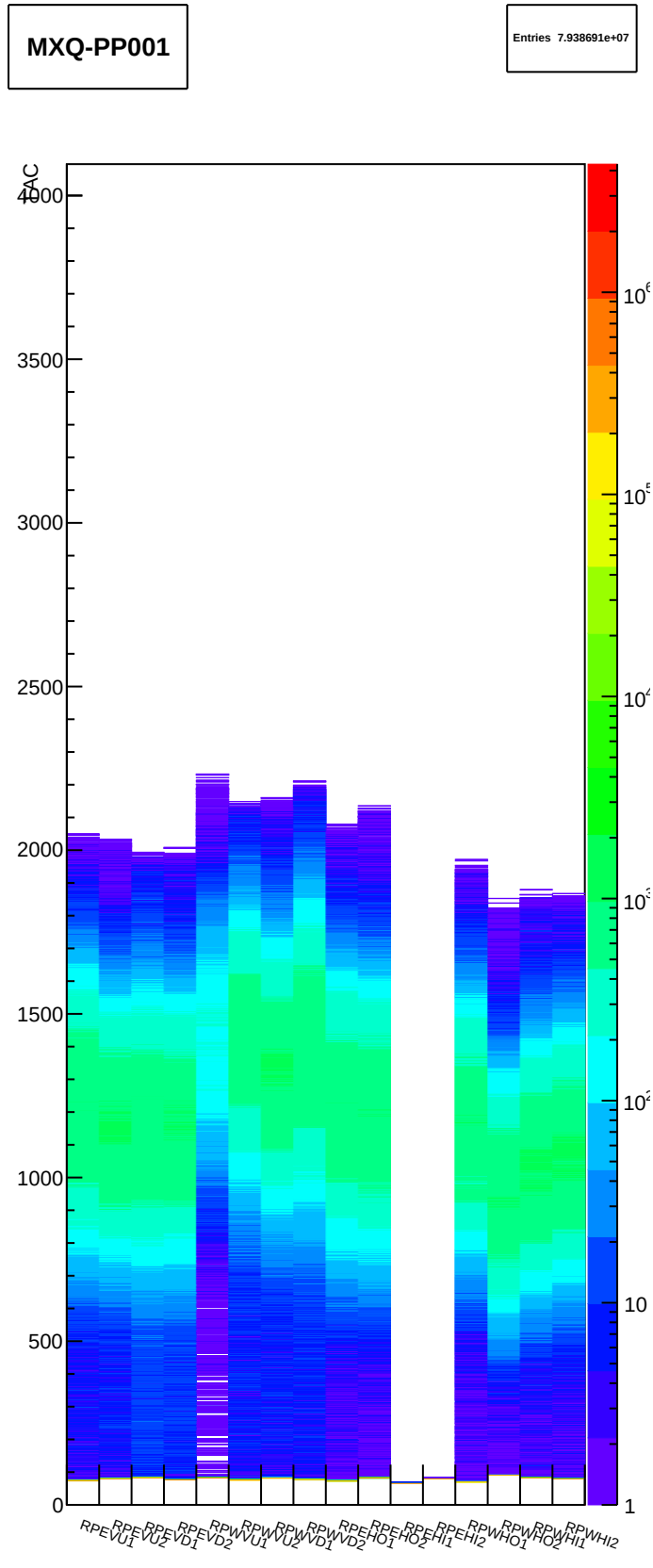

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9923364
TAC sum
1st-Best
2nd-Best
ID

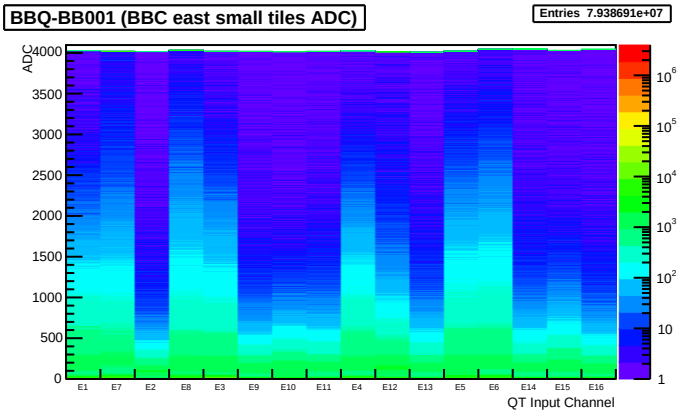

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9923364
TAC sum
1st-Best
2nd-Best
ID

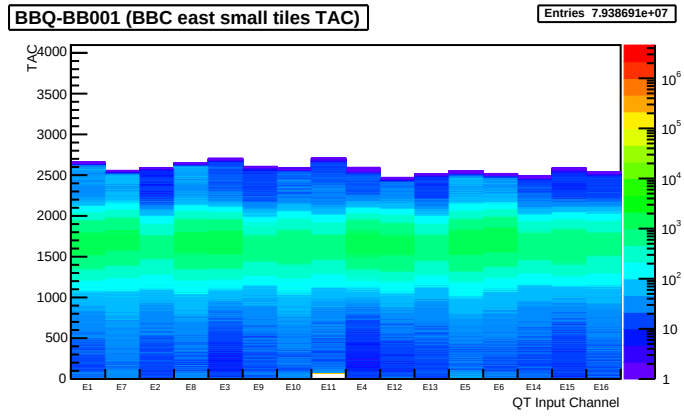

MIX-MT101 Input: VP003 Max TAC
Entries 4961682

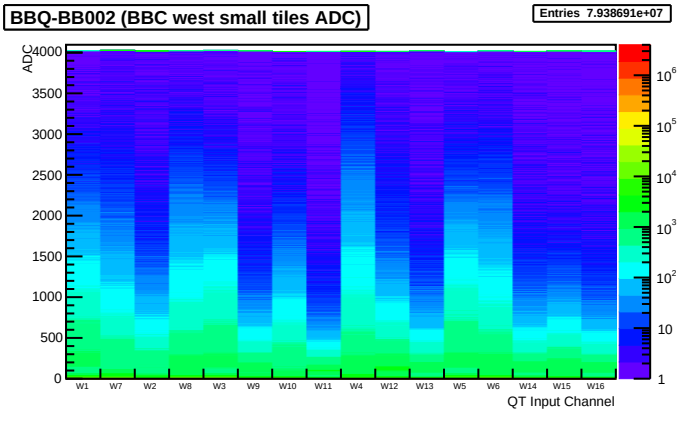

MIX-MT101 Input: VP004 Max TAC
Entries 4961682

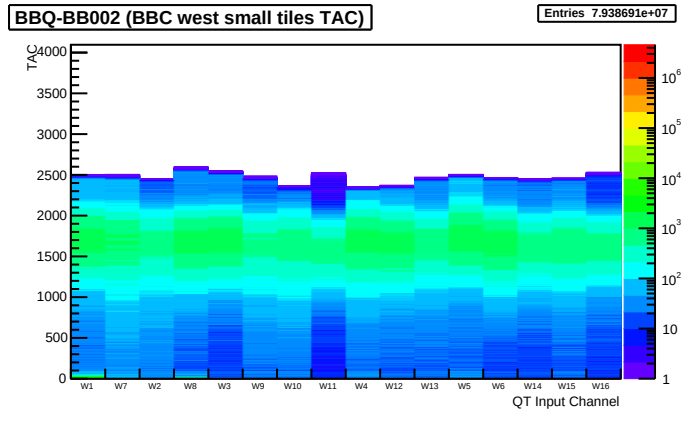

MXQ-PP001
Entries 7.938691e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

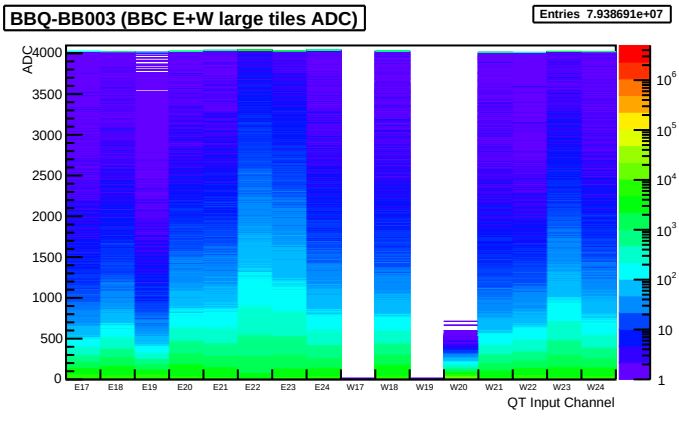

MXQ-PP001
Entries 7.938691e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

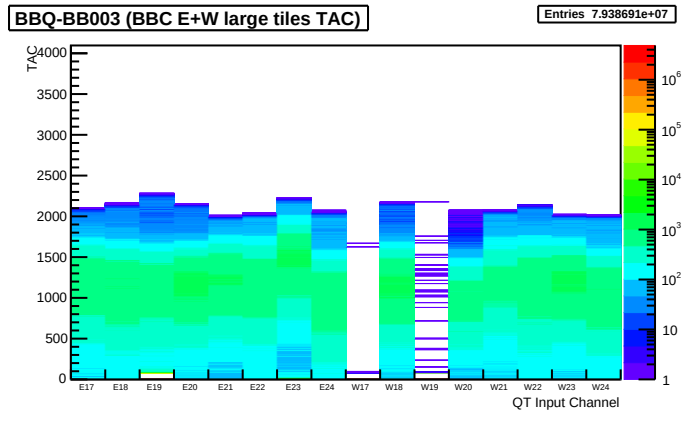

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.938691e+07
ADC
QT Input Channel

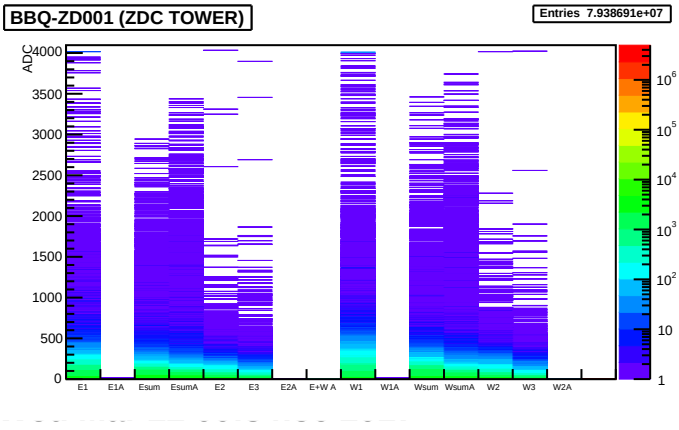

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.938691e+07
TAC
QT Input Channel

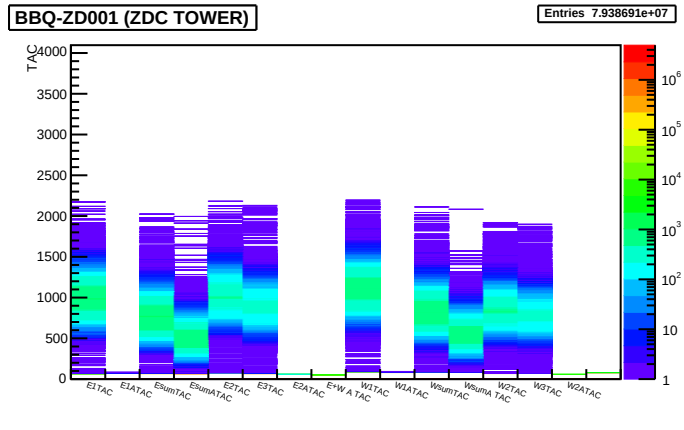

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.938691e+07
ADC
QT Input Channel

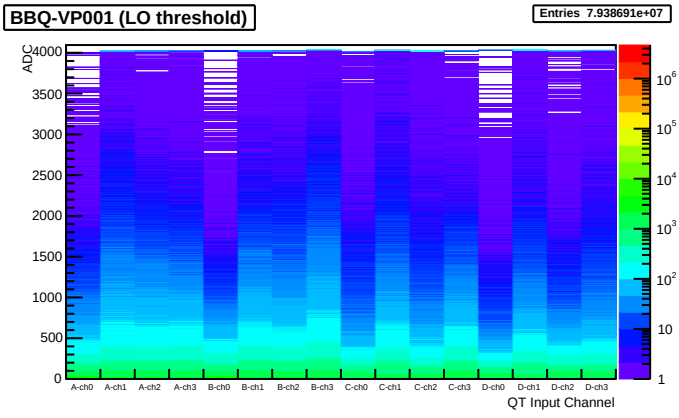

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.938691e+07
TAC
QT Input Channel

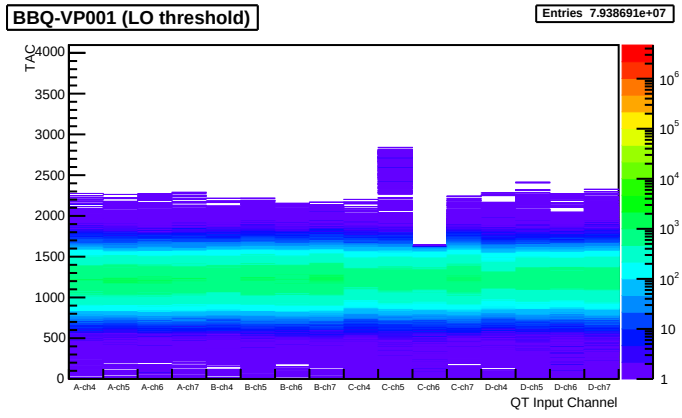

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.938691e+07
ADC
QT Input Channel

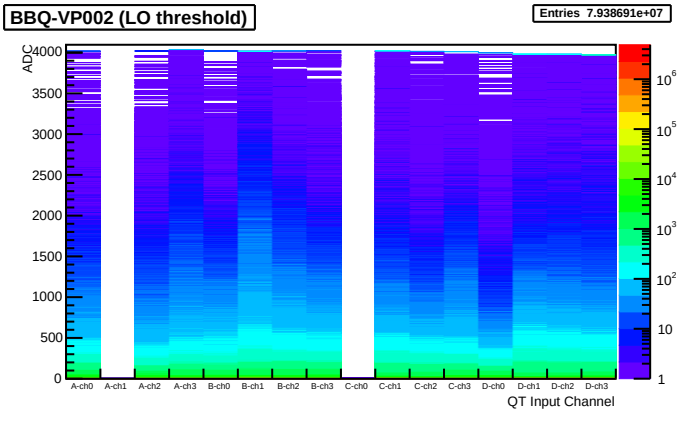

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.938691e+07
TAC
QT Input Channel

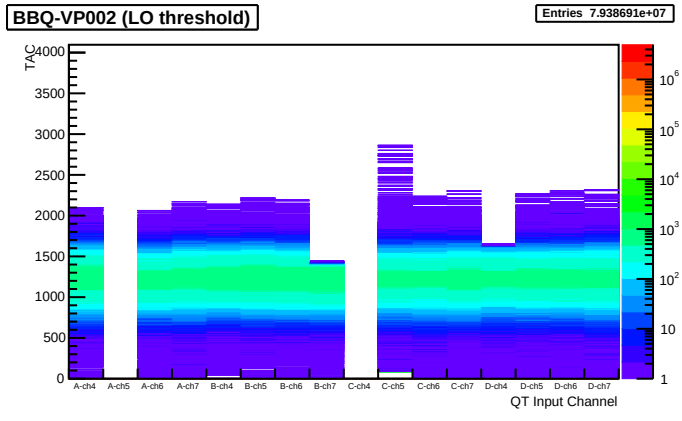

BBQ-ZD001 (ZDC TOWER)
Entries 7.938691e+07
ADC

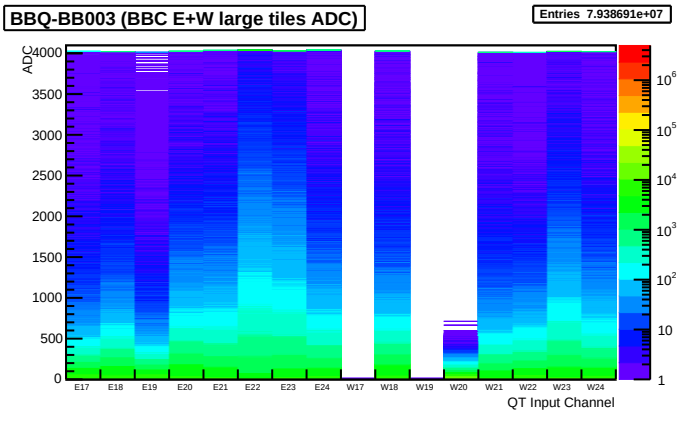

BBQ-ZD001 (ZDC TOWER)
Entries 7.938691e+07
TAC

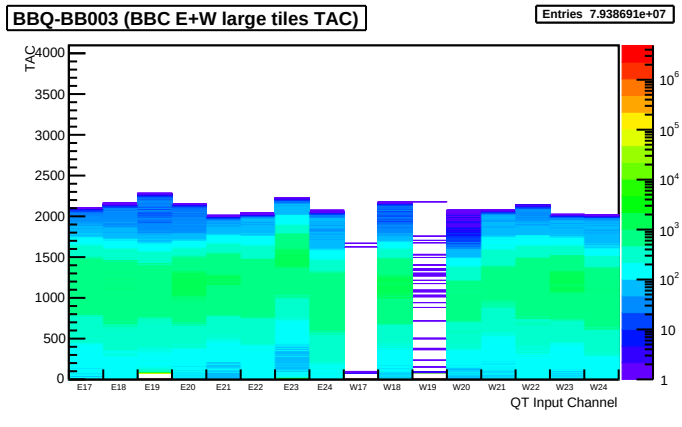

BBQ-VP001 (LO threshold)
Entries 7.938691e+07
ADC
QT Input Channel

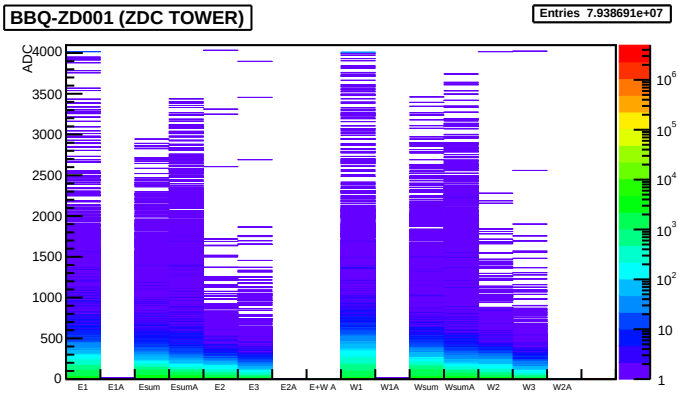

BBQ-VP001 (LO threshold)
Entries 7.938691e+07
TAC
QT Input Channel

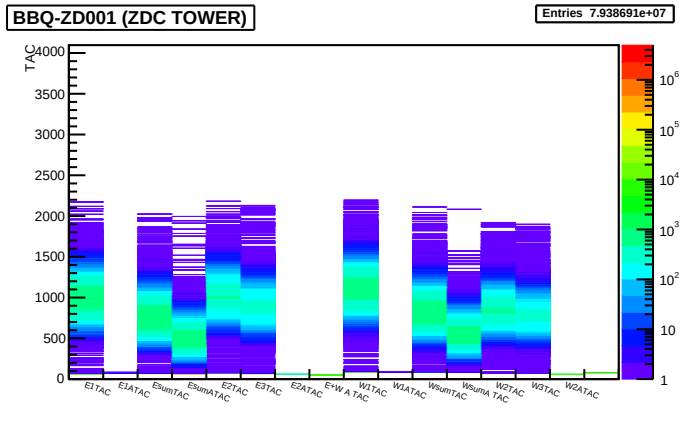

BBQ-VP002 (LO threshold)
Entries 7.938691e+07
ADC
QT Input Channel

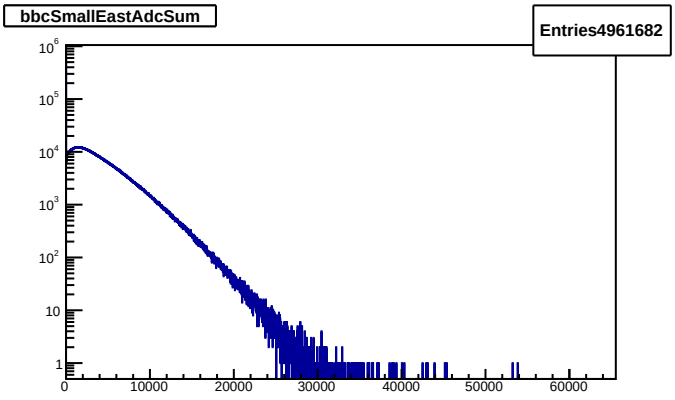

BBQ-VP002 (LO threshold)
Entries 7.938691e+07
TAC
QT Input Channel

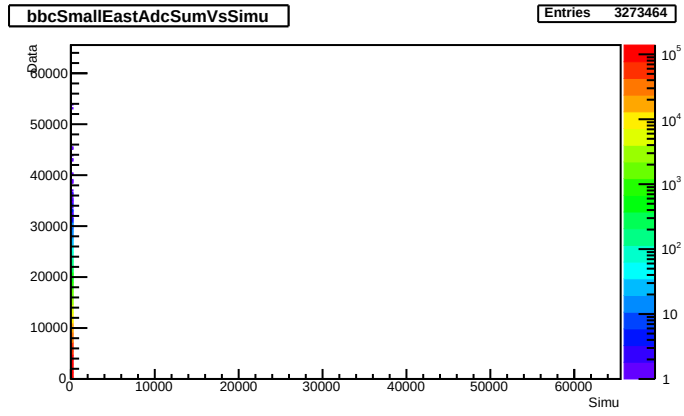

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.938691e+07
ADC
QT Input Channel

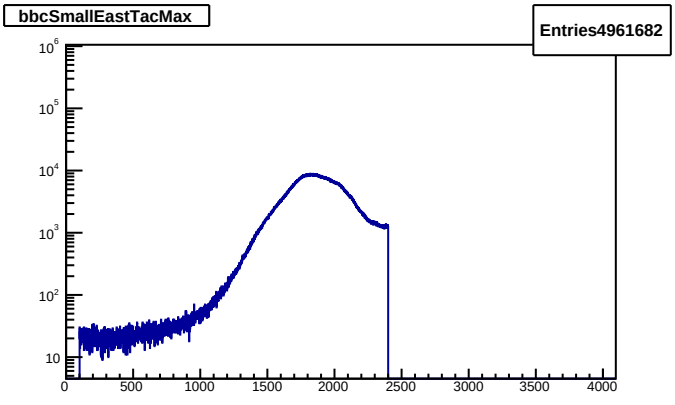

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.938691e+07
TAC
QT Input Channel

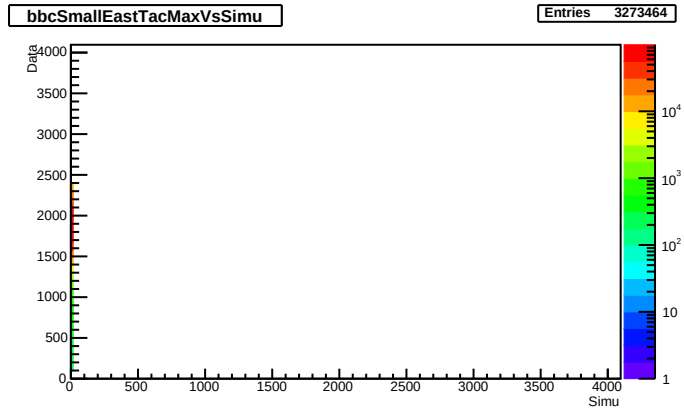

BBQ-ZD001 (ZDC TOWER)
Entries 7.938691e+07
ADC

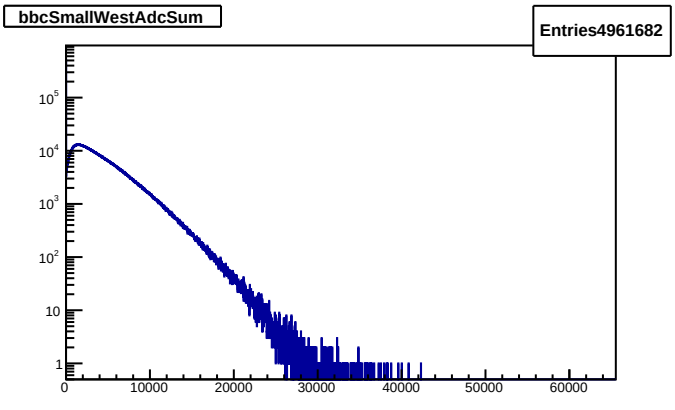

BBQ-ZD001 (ZDC TOWER)
Entries 7.938691e+07
TAC

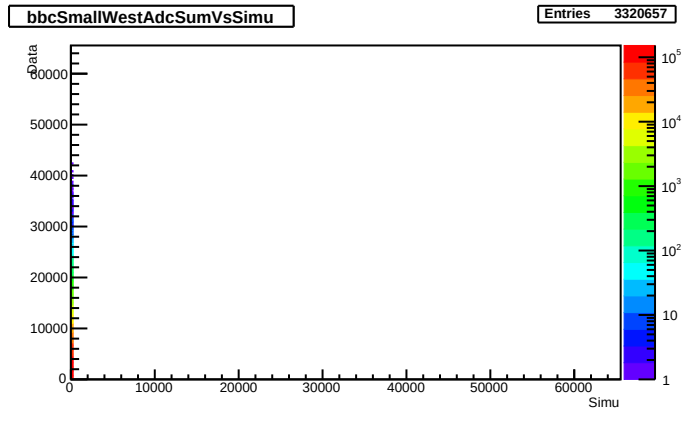

bbcSmallEastAdcSum
Entries4961682

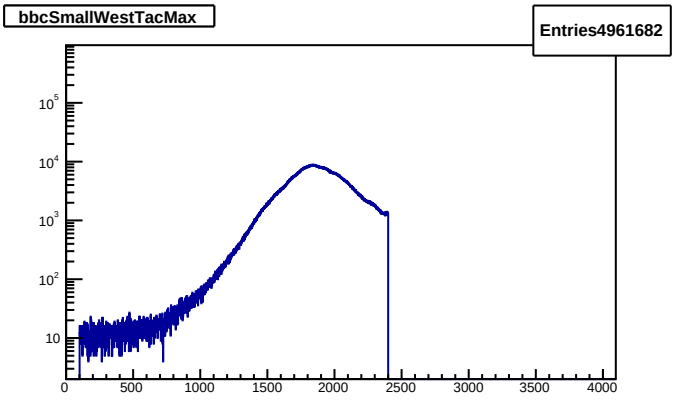

bbcSmallEastAdcSumVsSimu
Entries 3273464
Data
Simu

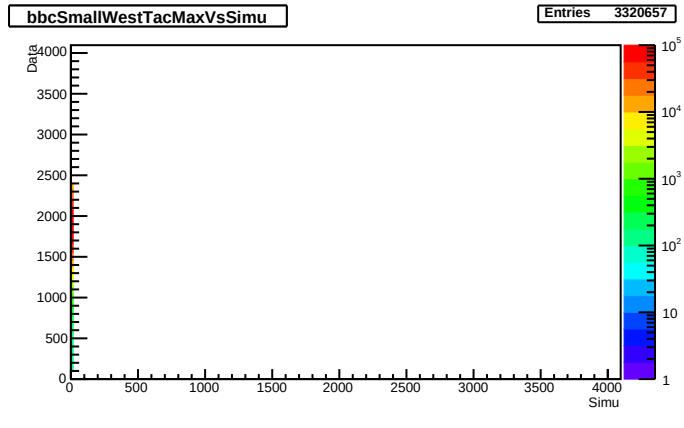

bbcSmallEastTacMax
Entries4961682

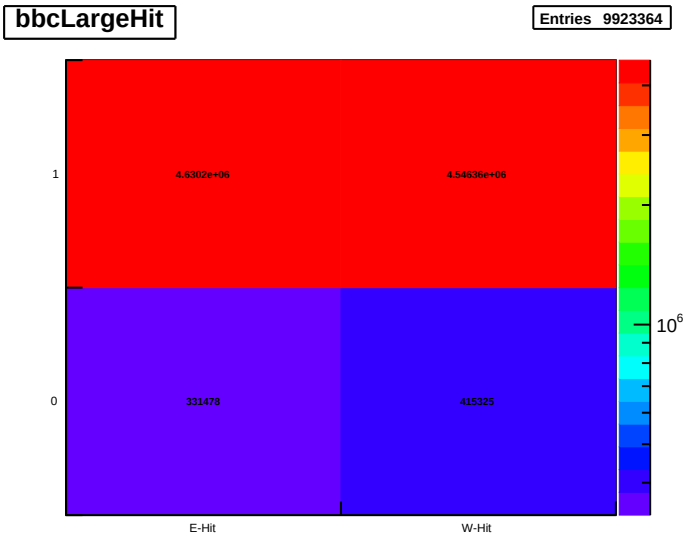

bbcSmallEastTacMaxVsSimu
Entries 3273464
Data
Simu

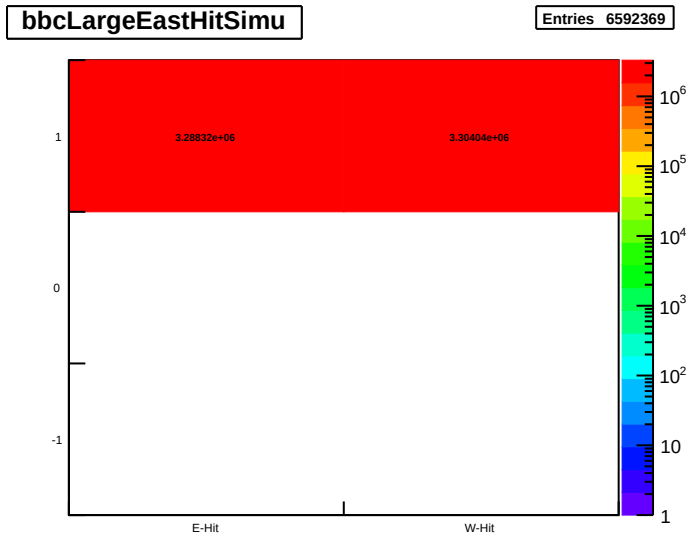

bbcSmallWestAdcSum
Entries4961682

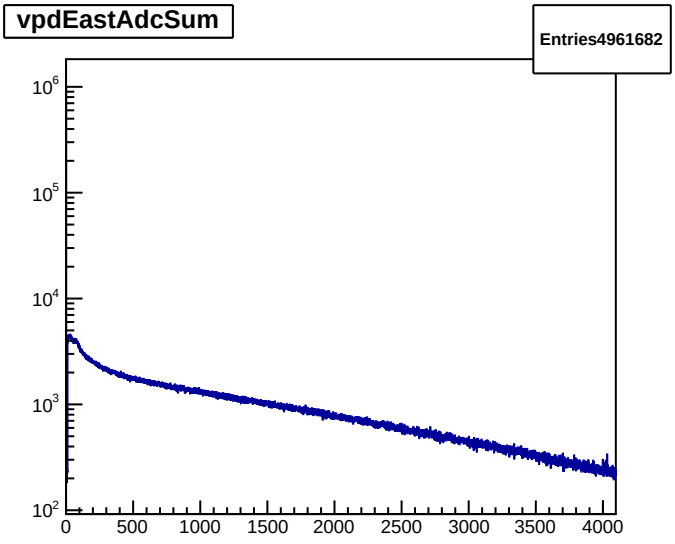

bbcSmallWestAdcSumVsSimu
Entries 3320657
Data
Simu

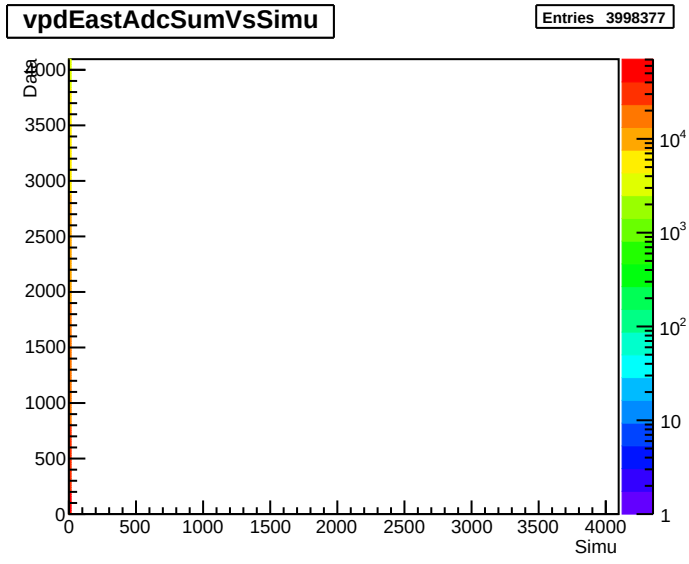

bbcSmallWestTacMax
Entries4961682

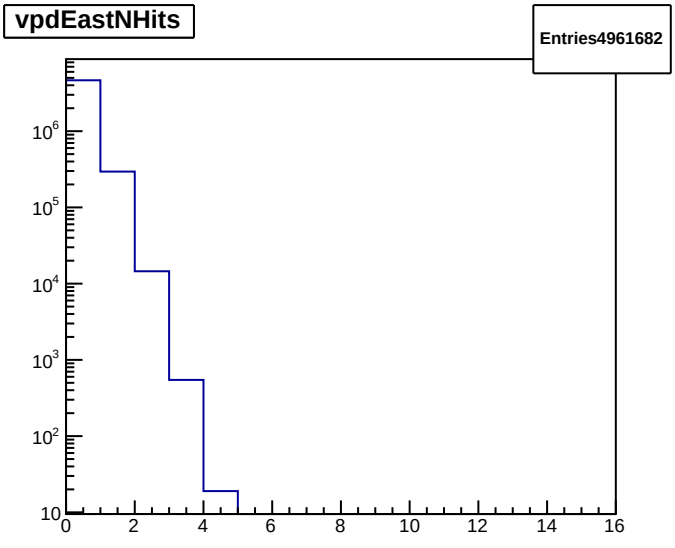

bbcSmallWestTacMaxVsSimu
Entries 3320657
Data
Simu

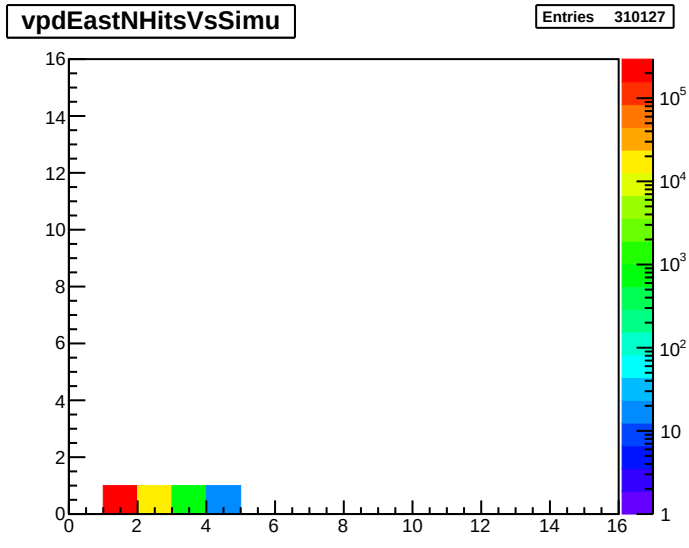

bbcLargeHit
Entries 9923364
1
0
4.6302e+06
4.54636e+06
331478
415325
E-Hit
W-Hit
10^6

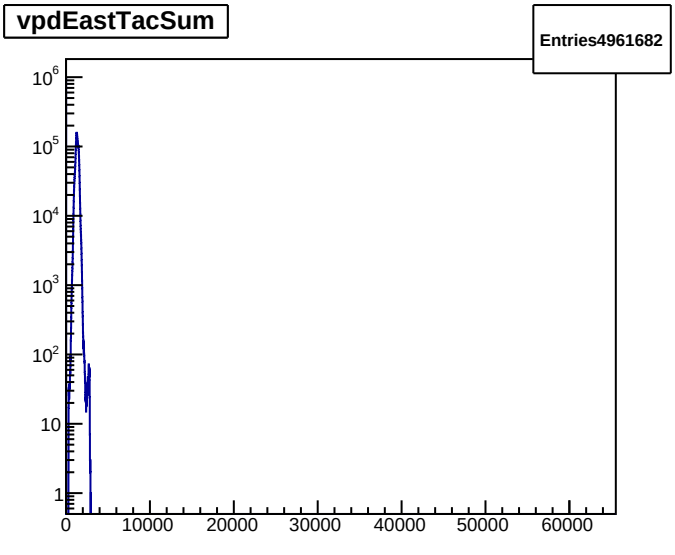

bbcLargeEastHitSimu
Entries 6592369
1
0
-1
3.28832e+06
3.30404e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

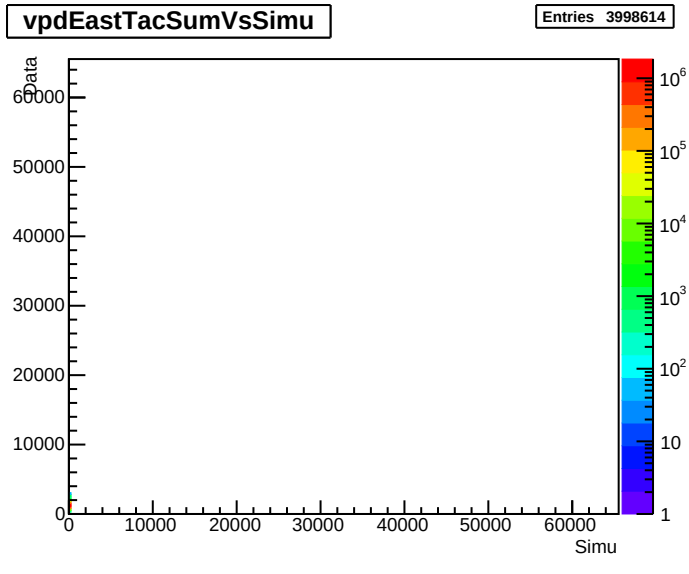

vpdEastAdcSum
Entries4961682

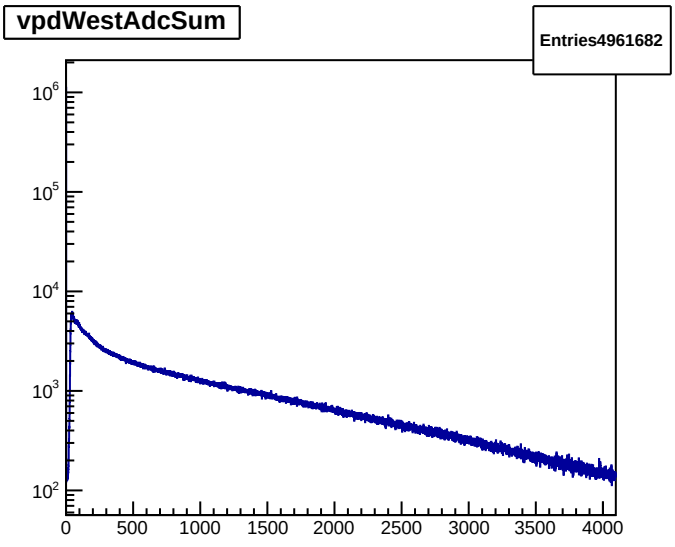

vpdEastAdcSumVsSimu
Entries 3998377
Data
Simu

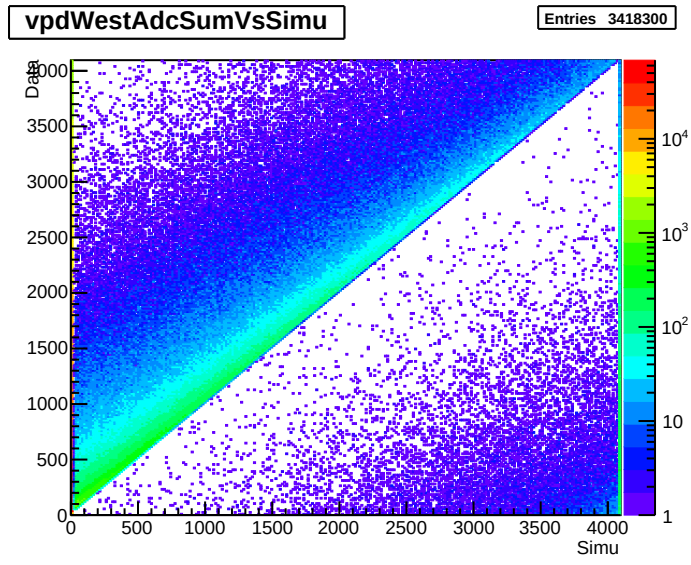

vpdEastNHits
Entries4961682

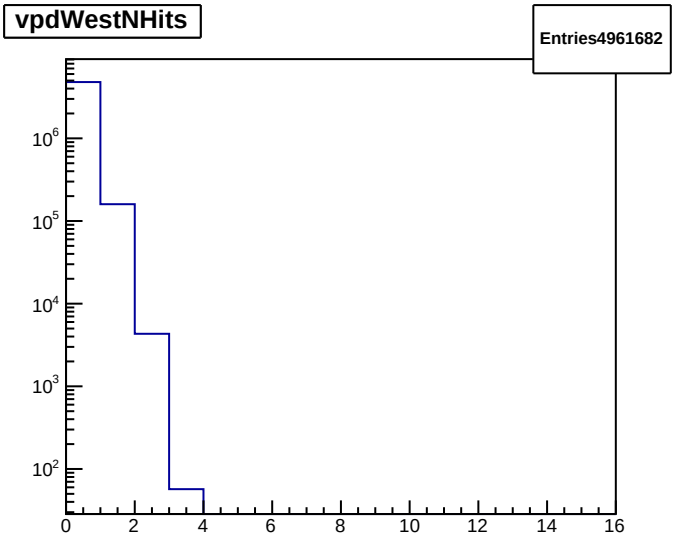

vpdEastNHitsVsSimu
Entries 310127

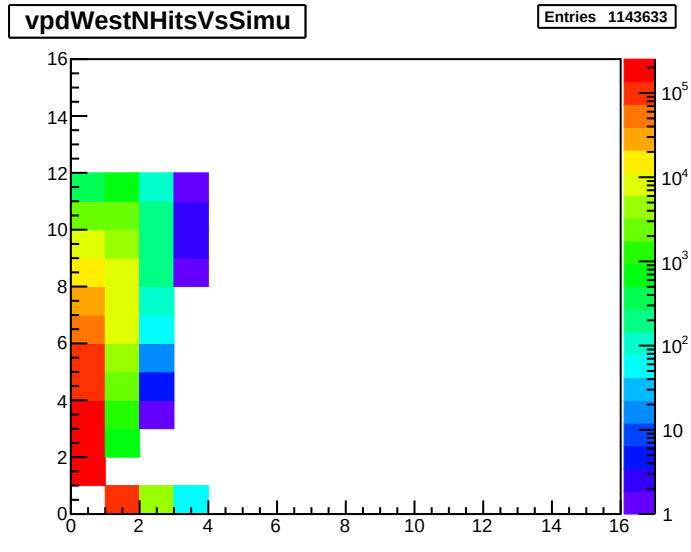

vpdEastTacSum
Entries4961682

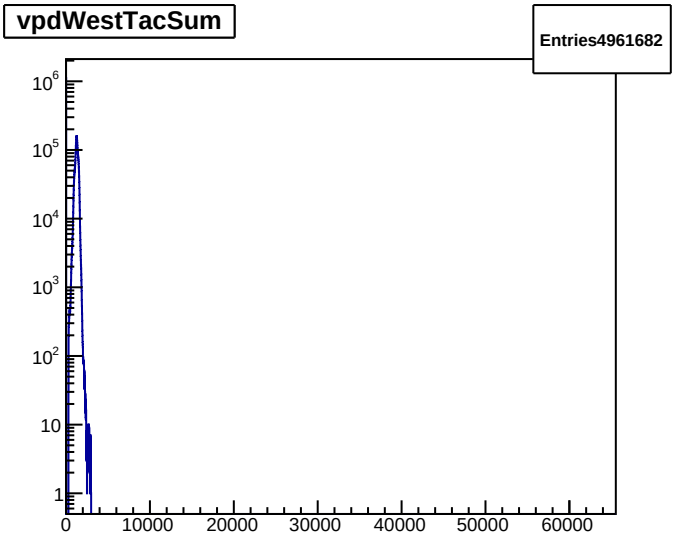

vpdEastTacSumVsSimu
Entries 3998614
Data
Simu

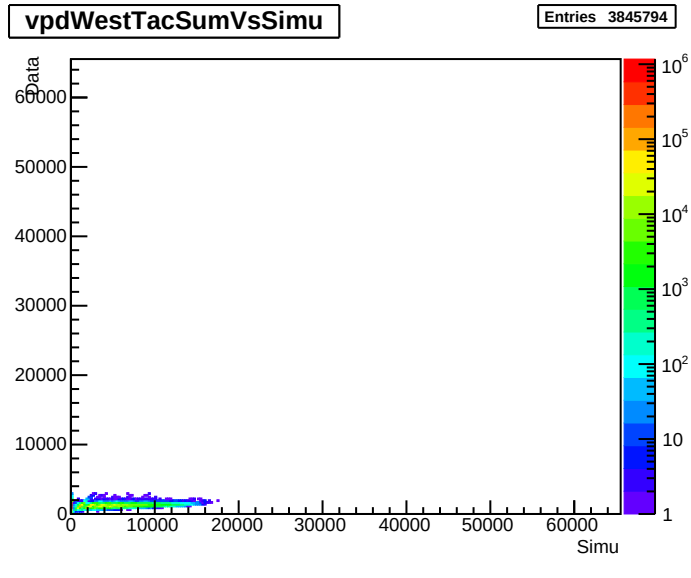

vpdWestAdcSum
Entries4961682

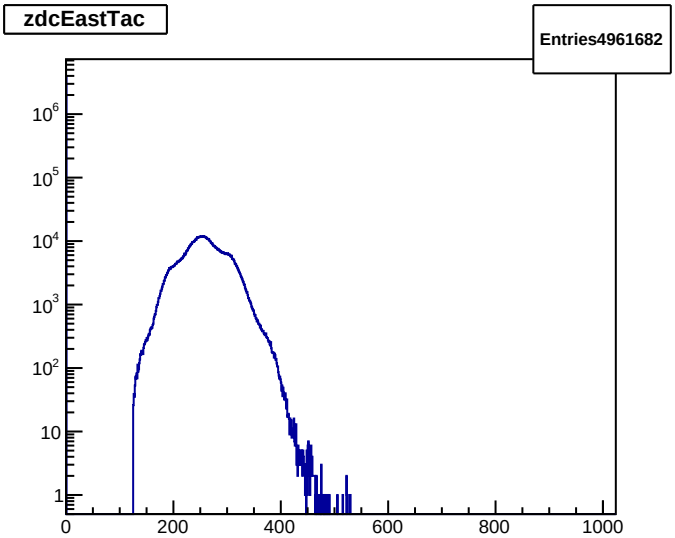

vpdWestAdcSumVsSimu
Entries 3418300
Data
Simu

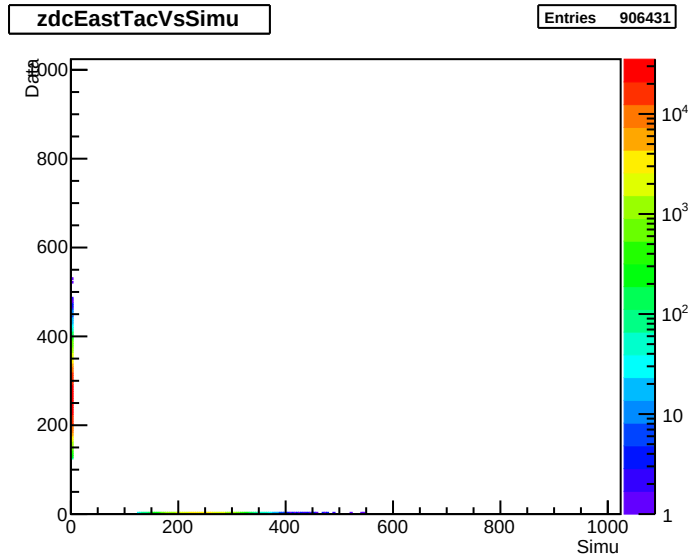

vpdWestNHits
Entries4961682

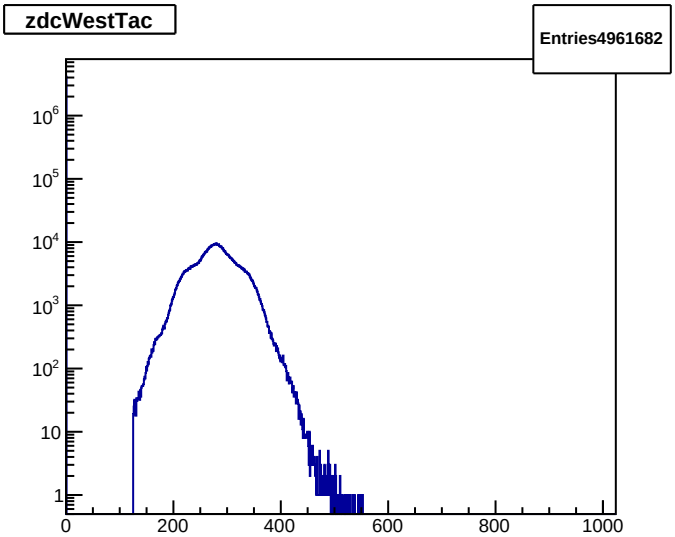

vpdWestNHitsVsSimu
Entries 1143633

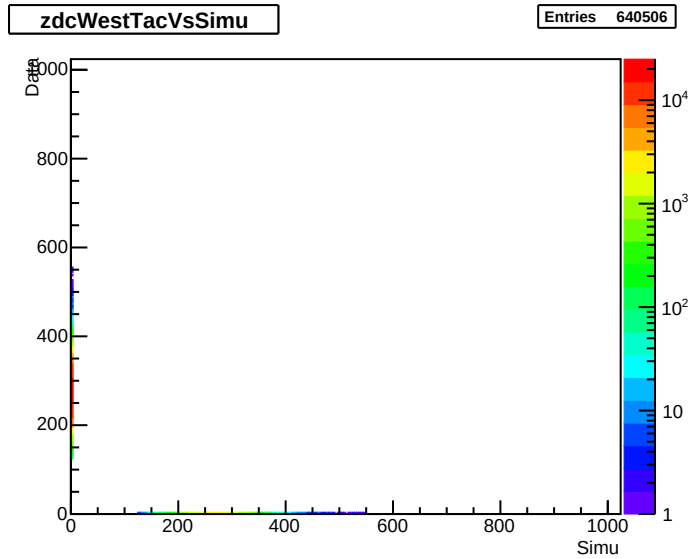

vpdWestTacSum
Entries4961682

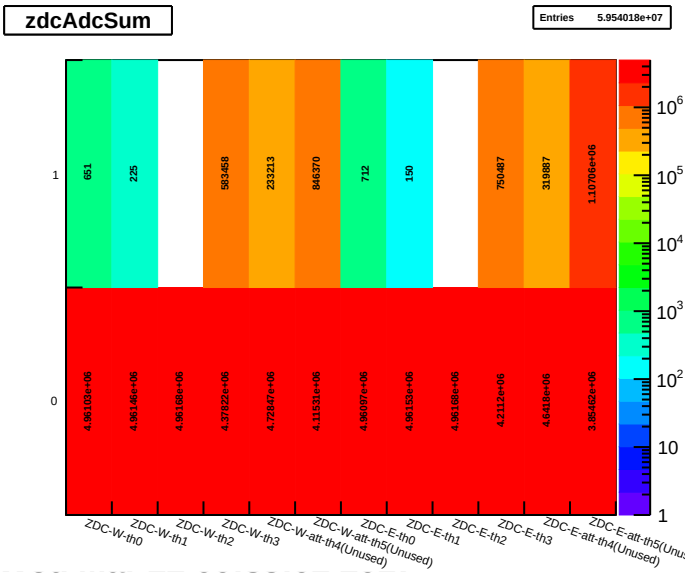

vpdWestTacSumVsSimu
Entries 3845794
Data
Simu

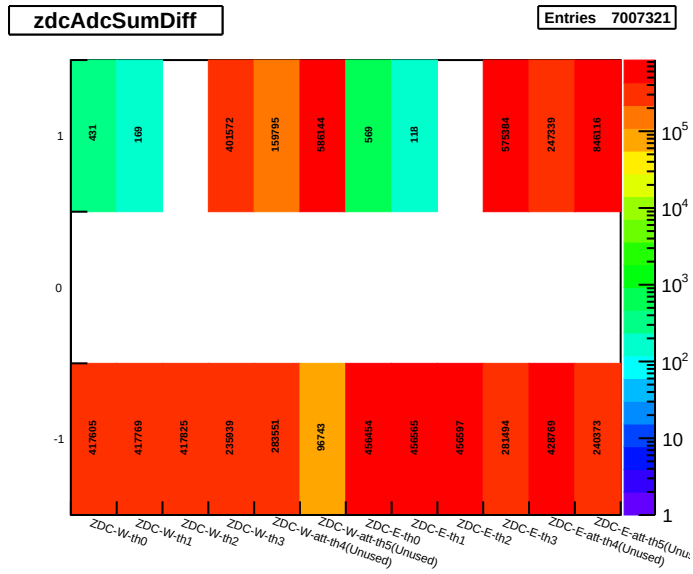

zdcEastTac
Entries4961682

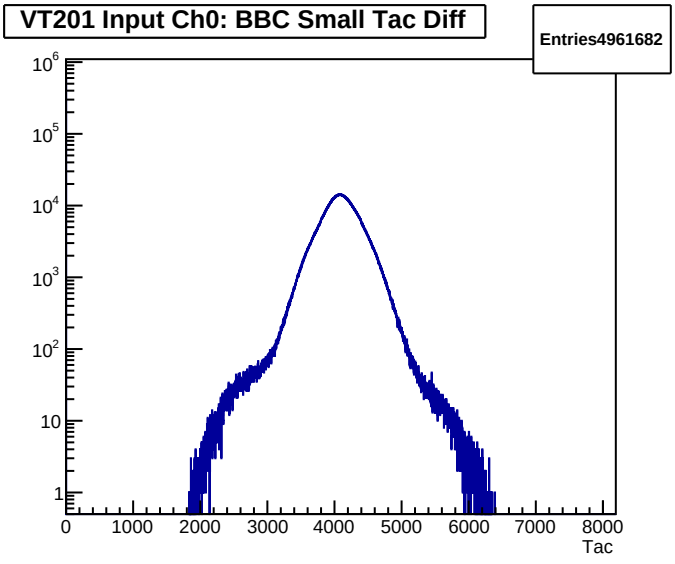

zdcEastTacVsSimu
Entries 906431
Data
Simu

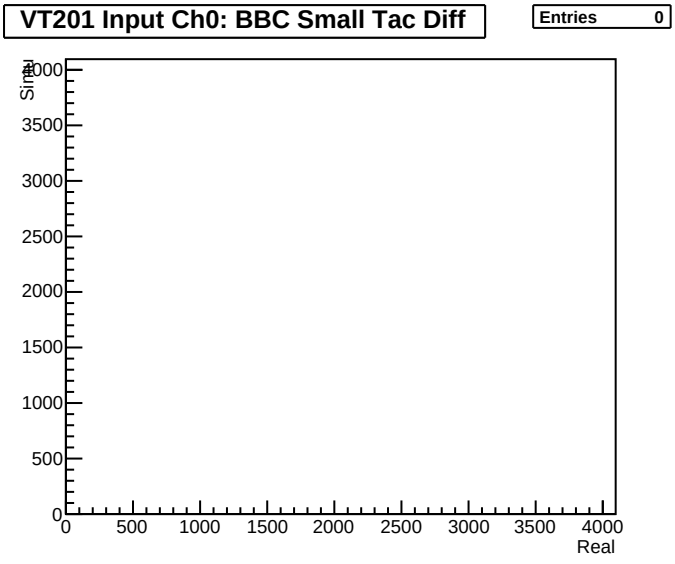

zdcWestTac
Entries4961682

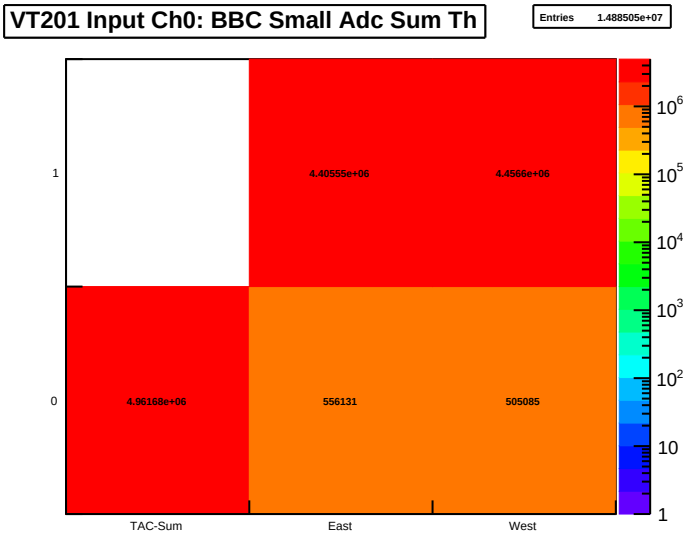

zdcWestTacVsSimu
Entries 640506
Data
Simu

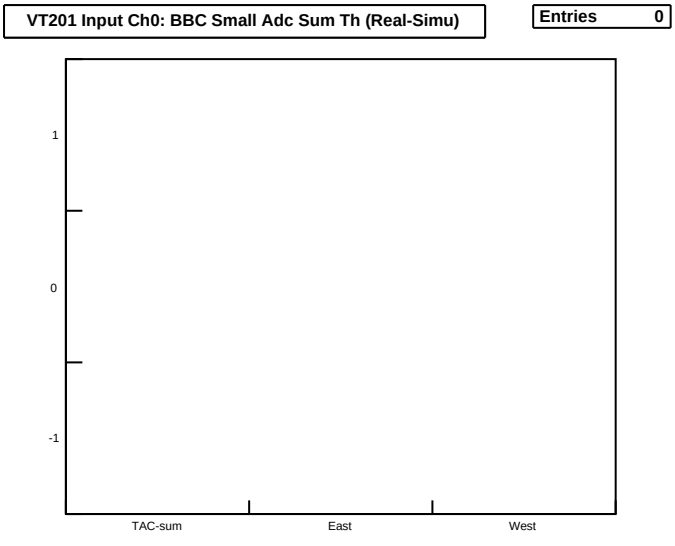

zdcAdcSum
Entries 5.954018e+07
651
225
583458
233213
846370
712
150
750487
319887
1.10706e+06
4.96103e+06
4.95146e+05
4.96168e+06
4.37822e+06
4.72847e+06
4.11531e+06
4.96097e+06
4.96153e+06
4.95168e+05
4.2112e+06
4.6418e+06
3.85462e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

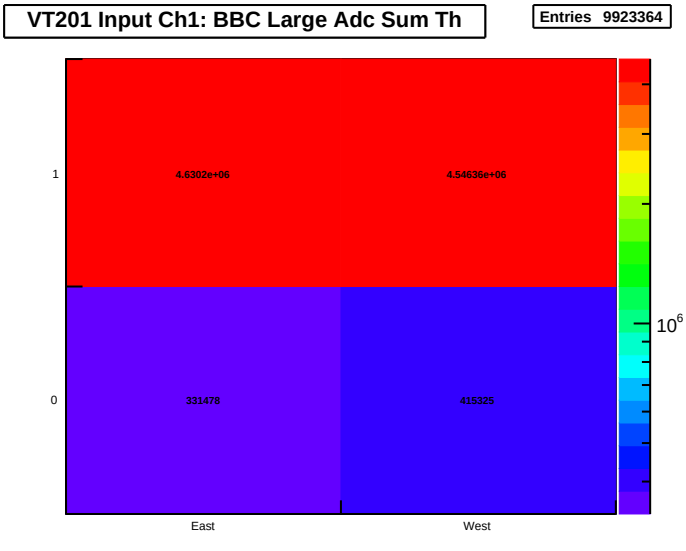

zdcAdcSumDiff
Entries 7007321
431
169
401572
159795
586144
569
118
575384
247339
846116
417605
417769
417625
239939
283551
96743
456454
455665
456587
281494
420769
240373
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

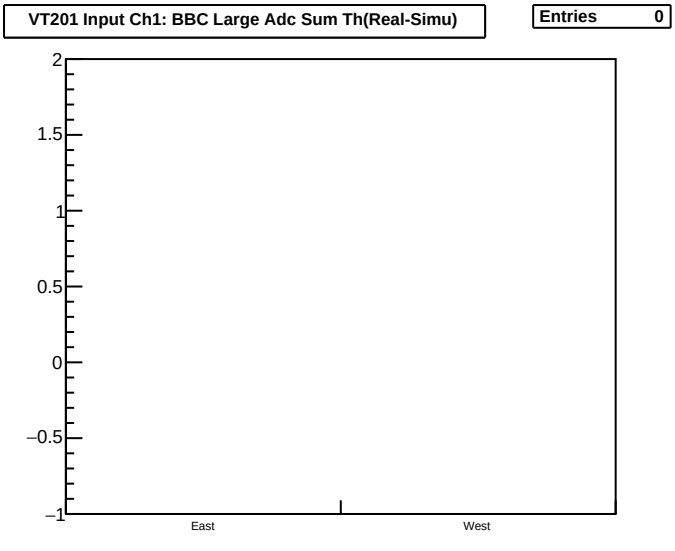

VT201 Input Ch0: BBC Small Tac Diff
Entries4961682
Tac


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

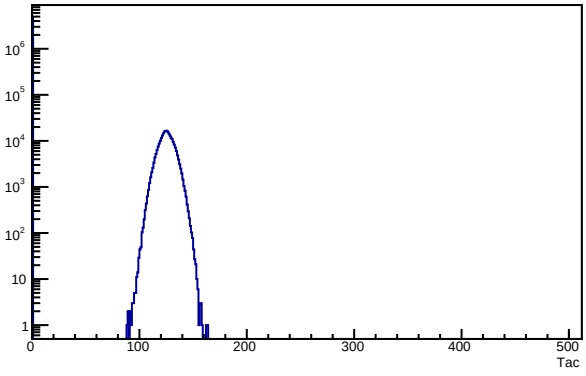

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.488505e+07
4.40555e+06
4.4566e+06
4.96168e+06
556131
505085
TAC-Sum
East
West


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

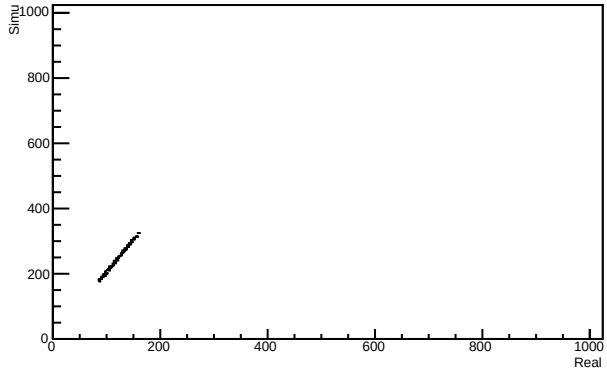

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9923364
4.6302e+06
4.54636e+06
331478
415325
East
West


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

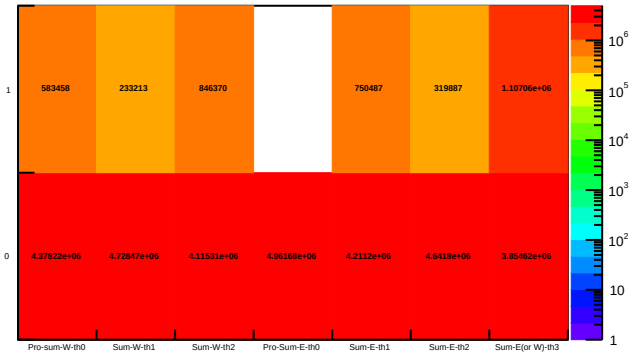
VT201 Input Ch2: ZDC Tac Diff



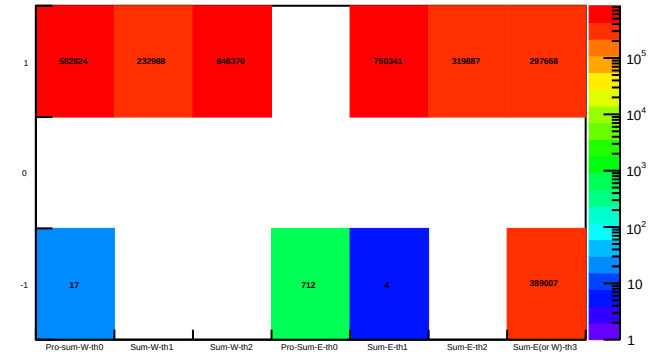
VT201 Input Ch2: ZDC Tac Diff



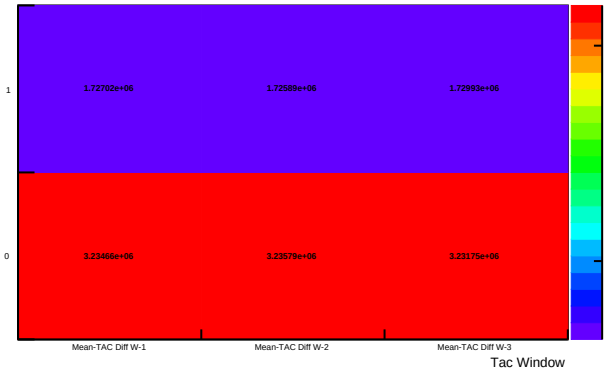
VT201 Input Ch2: ZDC Adc Sum Th



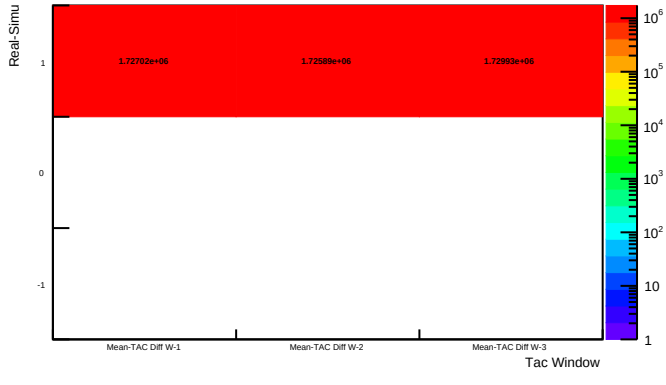
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



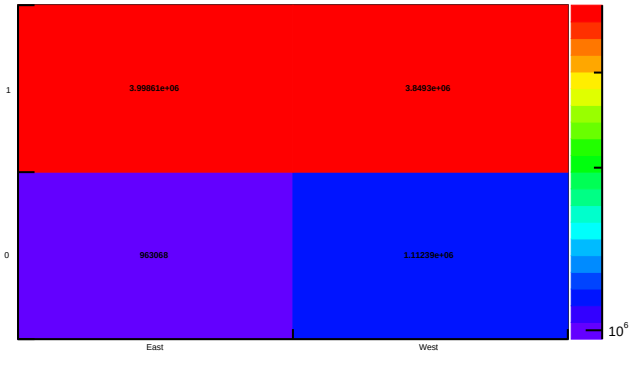
VT201 Input Ch4: VPD Tac Diff



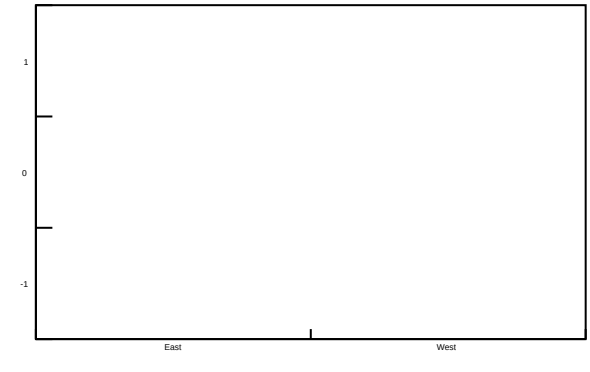
VT201 Input Ch4: VPD Tac Diff

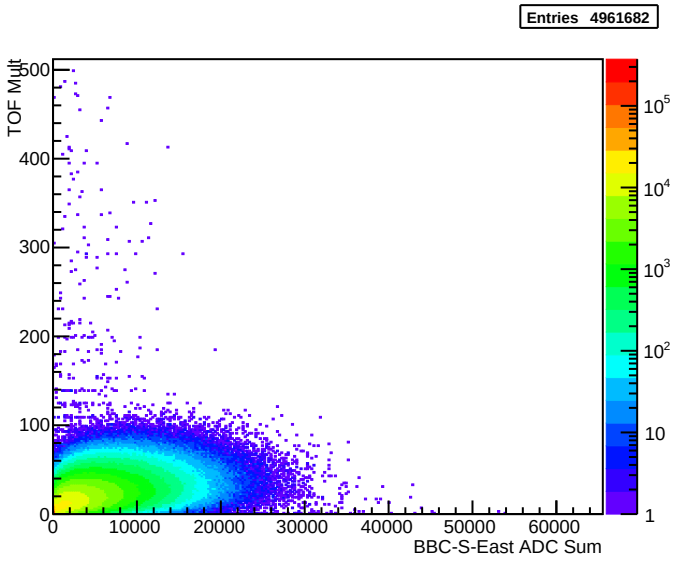


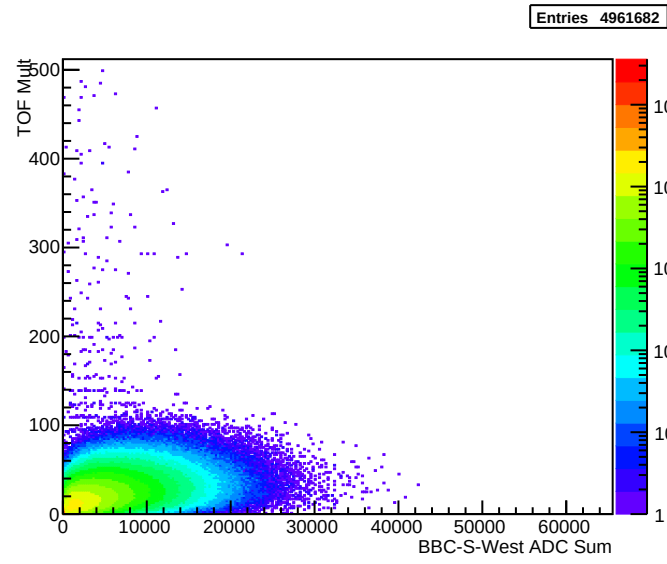
VT201 Input Ch4: VPD Adc Sum Th

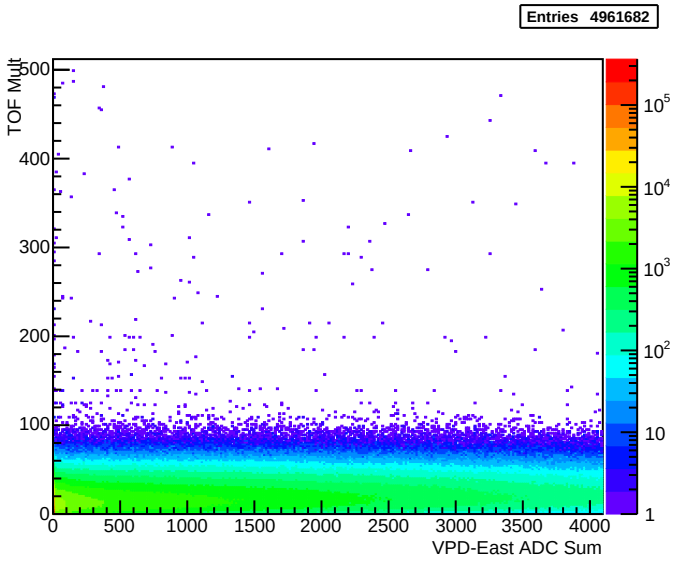


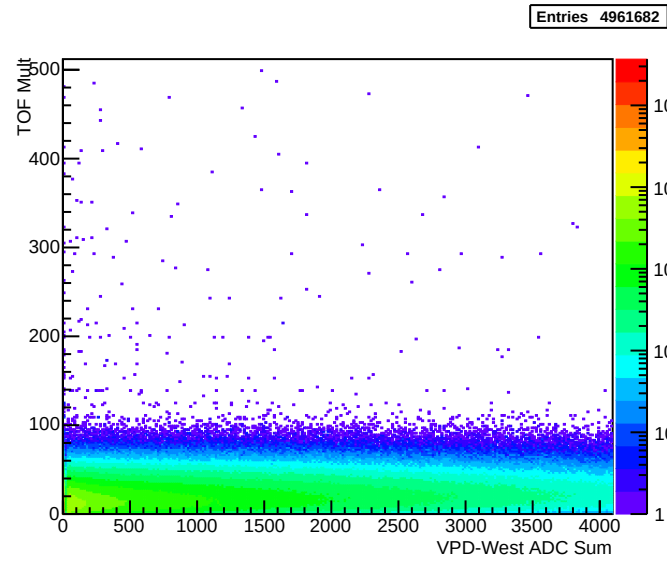
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

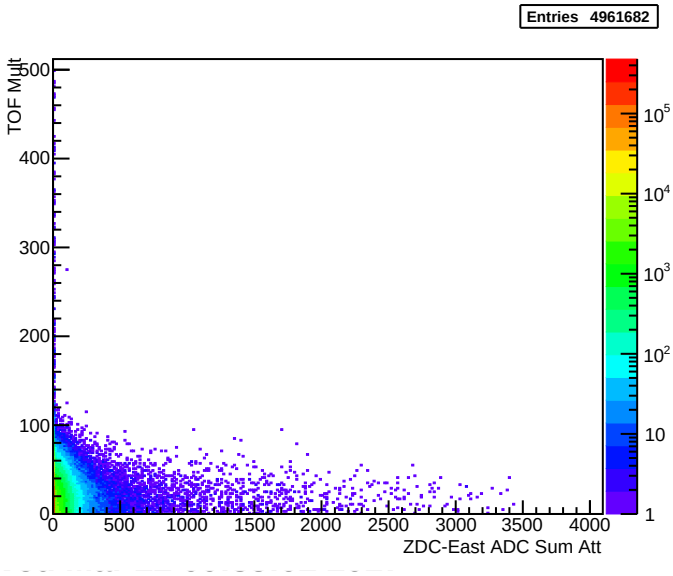


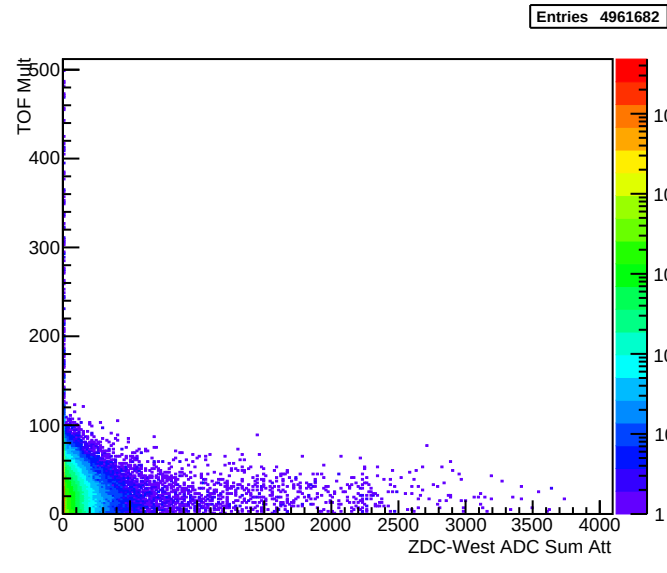

Entries 4961682
TOF Mult
BBC-S-East ADC Sum

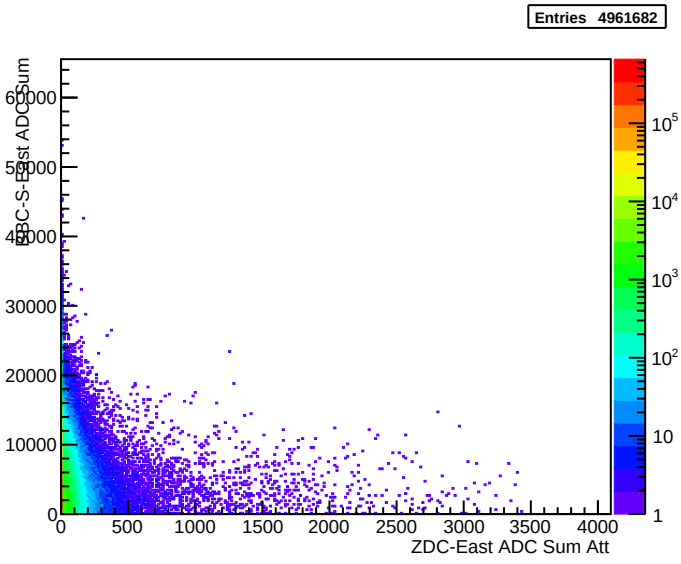

Entries 4961682
TOF Mult
BBC-S-West ADC Sum

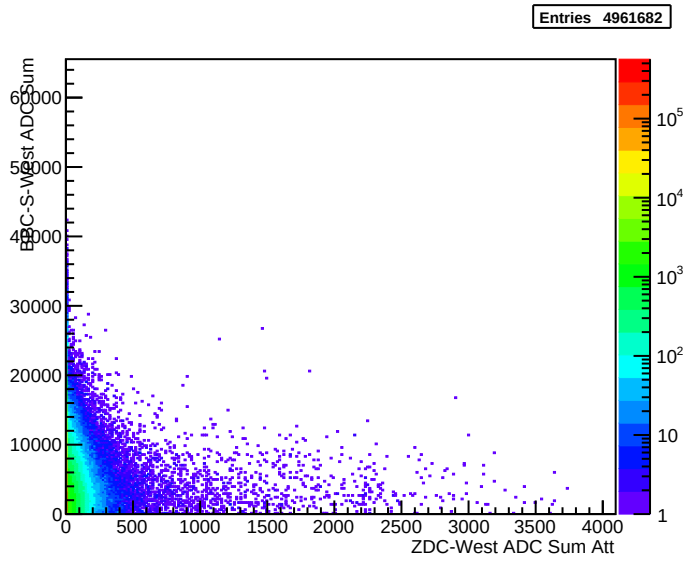

Entries 4961682
TOF Mult
VPD-East ADC Sum

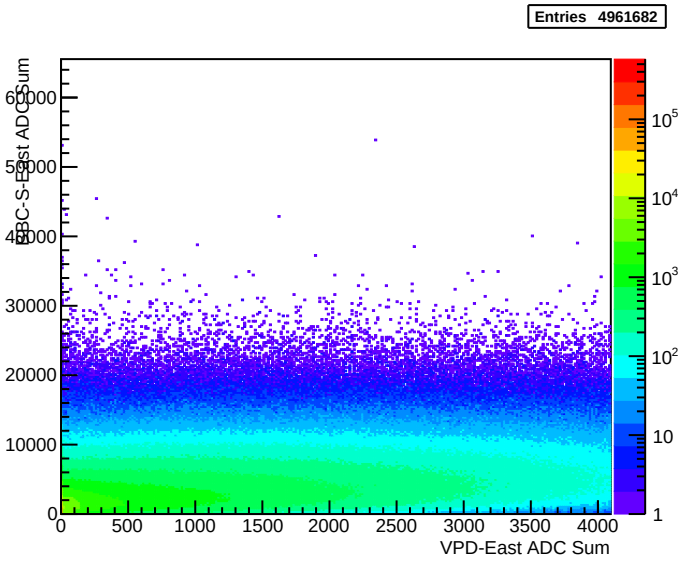

Entries 4961682
TOF Mult
VPD-West ADC Sum

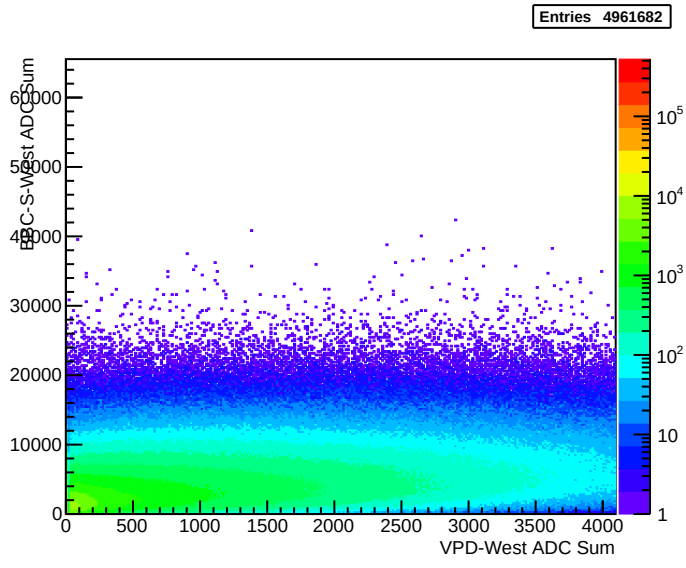

Entries 4961682
TOF Mult
ZDC-East ADC Sum Att

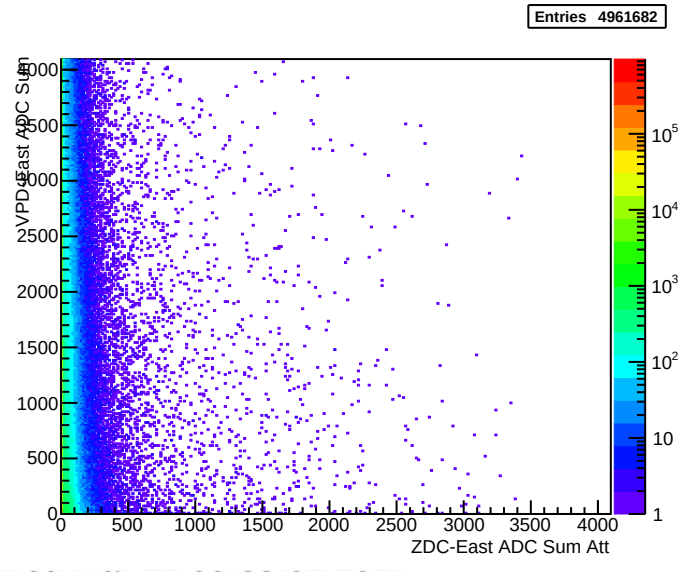

Entries 4961682
TOF Mult
ZDC-West ADC Sum Att

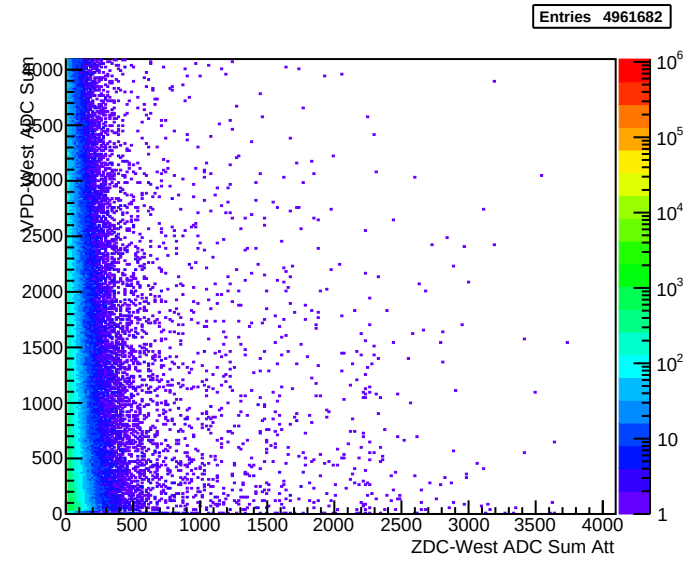

Entries 4961682
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

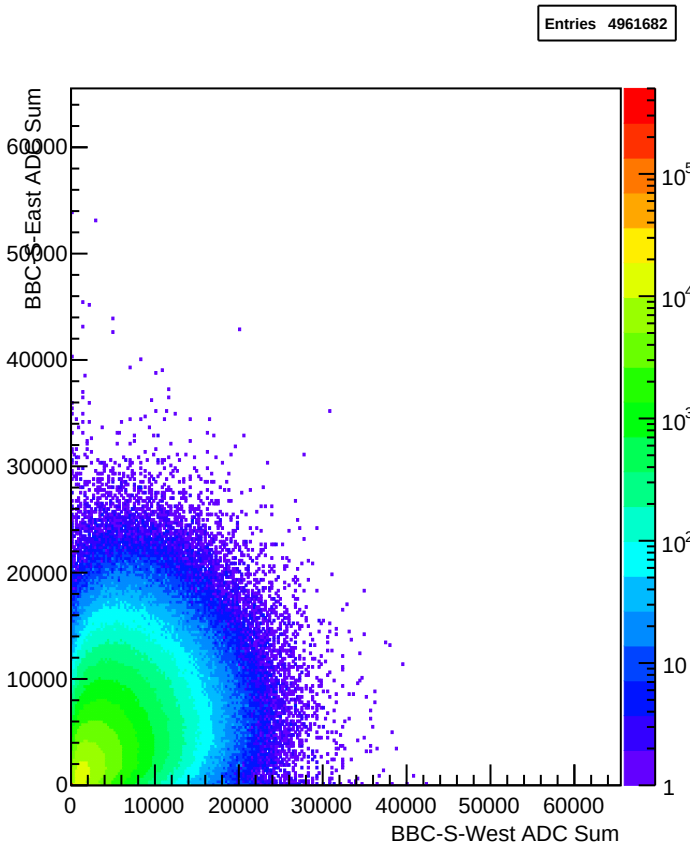

Entries 4961682
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

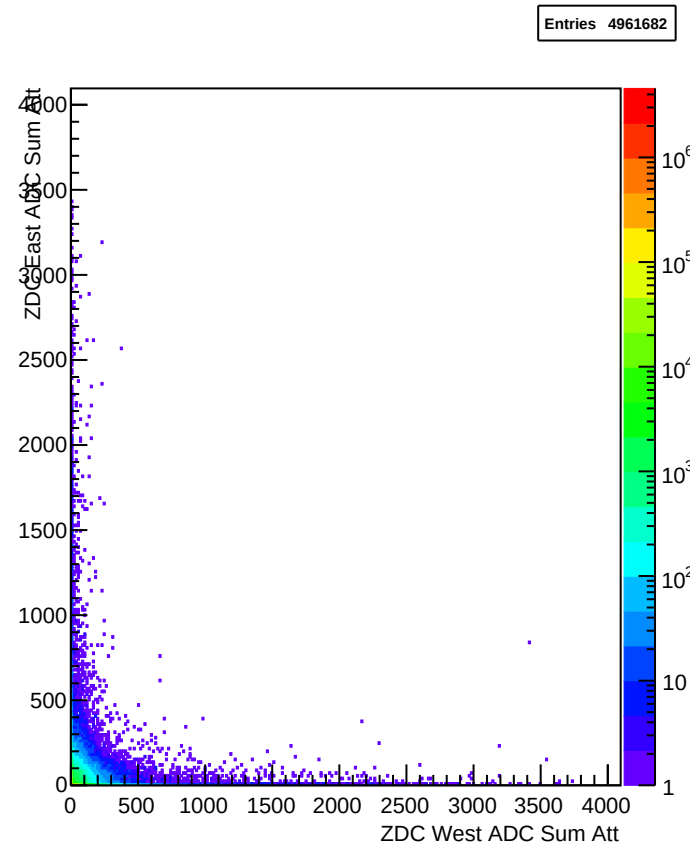

Entries 4961682
BBC-S-East ADC Sum
VPD-East ADC Sum

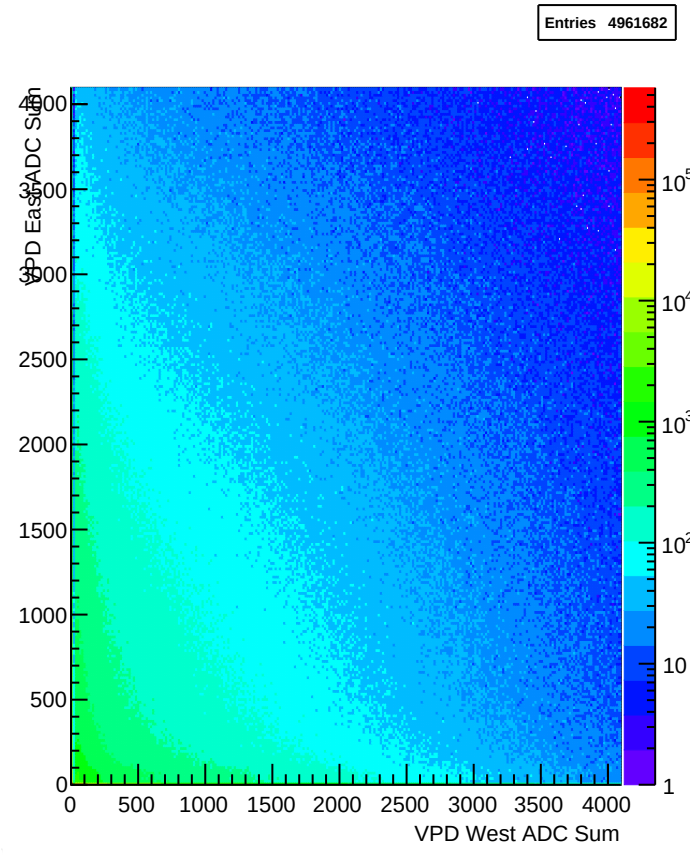

Entries 4961682
BBC-S-West ADC Sum
VPD-West ADC Sum

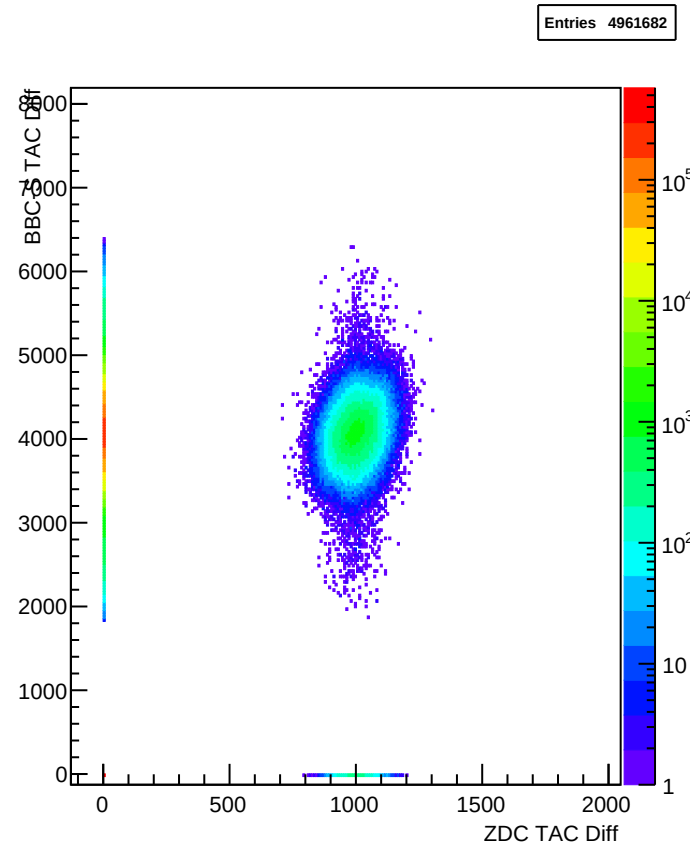

Entries 4961682
VPD-East ADC Sum
ZDC-East ADC Sum Att

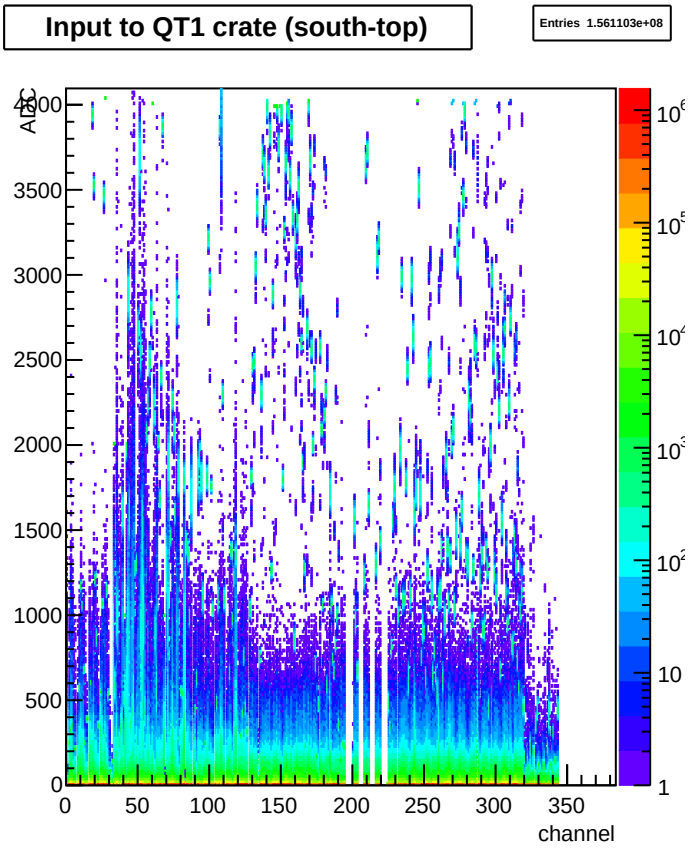

Entries 4961682
VPD-West ADC Sum
ZDC-West ADC Sum Att

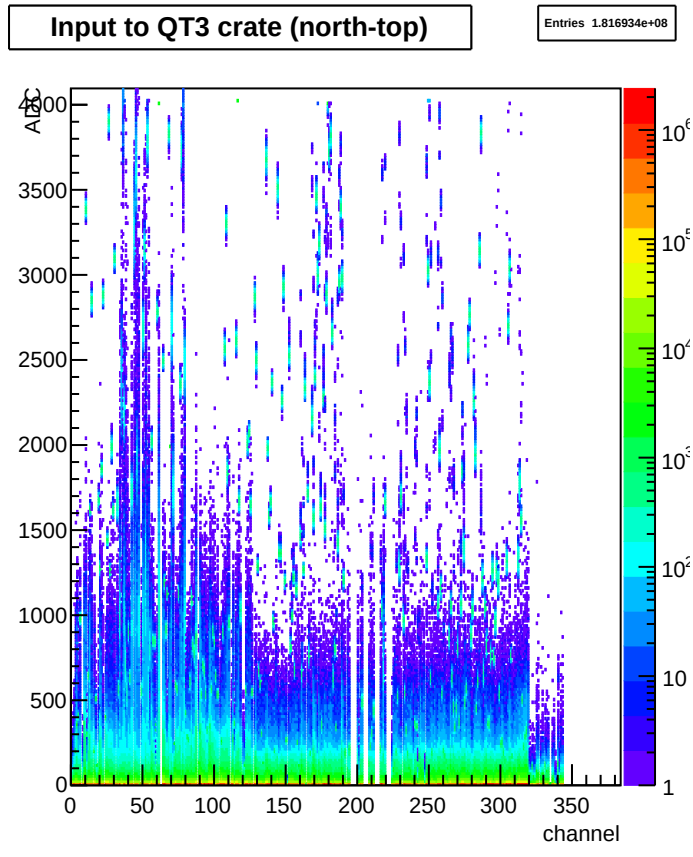

Entries 4961682
BBC-S-East ADC Sum
BBC-S-West ADC Sum

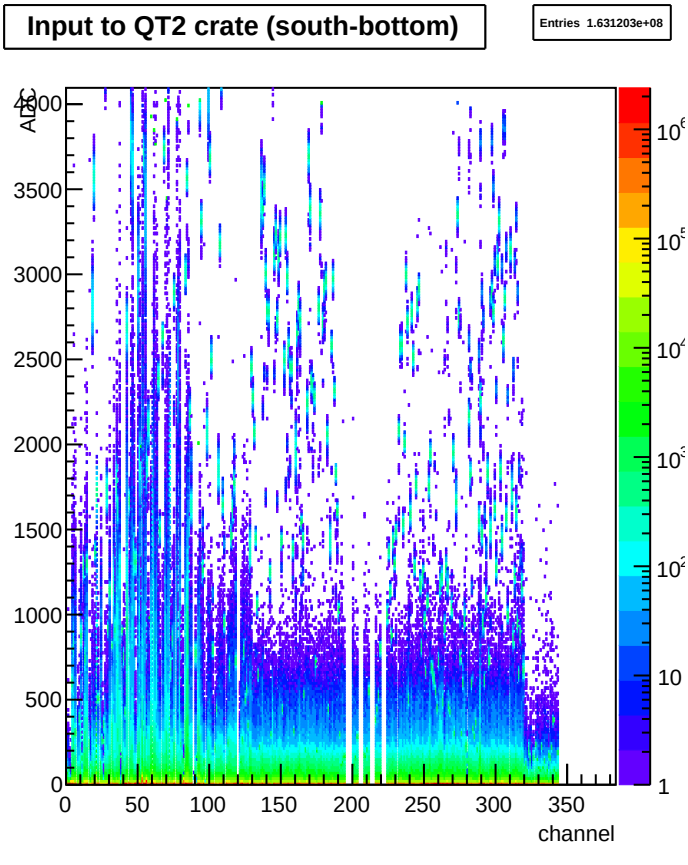

Entries 4961682
ZDC East ADC Sum Att
ZDC West ADC Sum Att

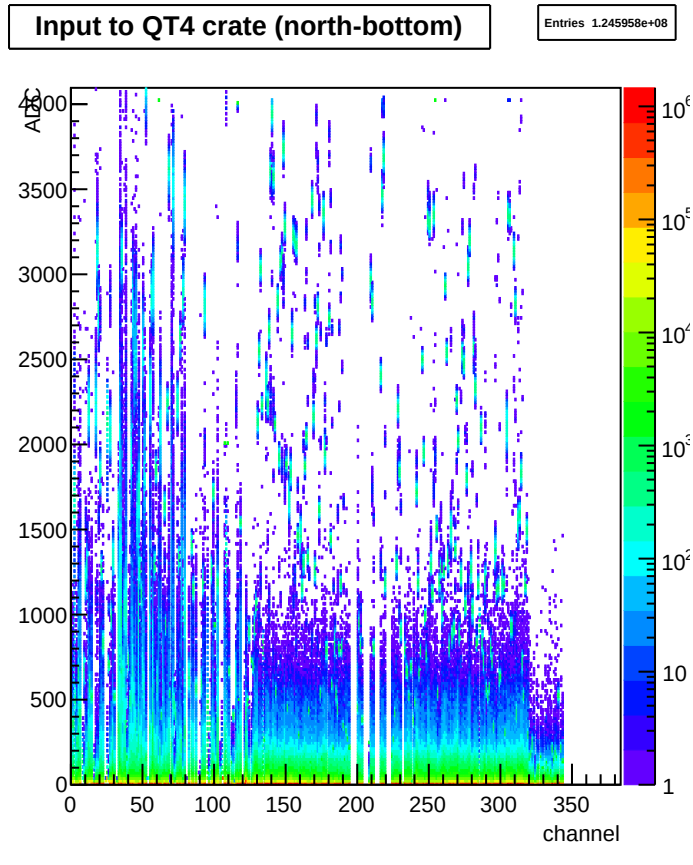

Entries 4961682
VPD East ADC Sum
VPD West ADC Sum

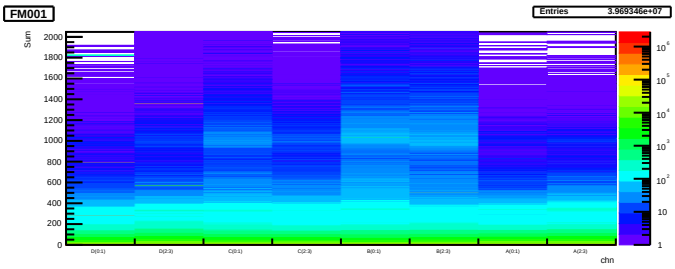

Entries 4961682
BBC-S TAC Diff
ZDC TAC Diff

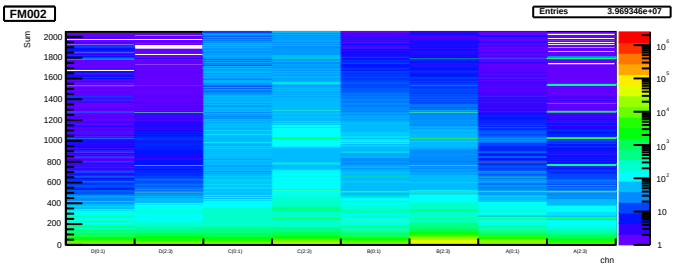

Input to QT1 crate (south-top)
Entries 1.561103e+08
ADC
channel

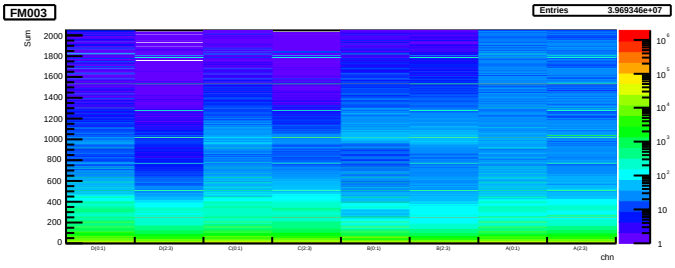

Input to QT3 crate (north-top)
Entries 1.816934e+08
ADC
channel

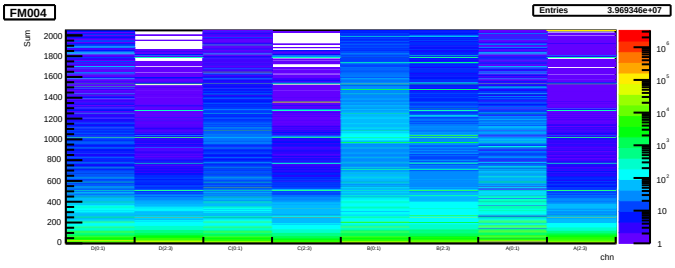

Input to QT2 crate (south-bottom)
Entries 1.631203e+08
ADC
channel

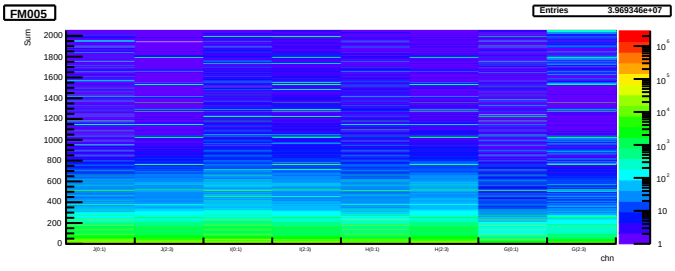

Input to QT4 crate (north-bottom)
Entries 1.245958e+08
ADC
channel

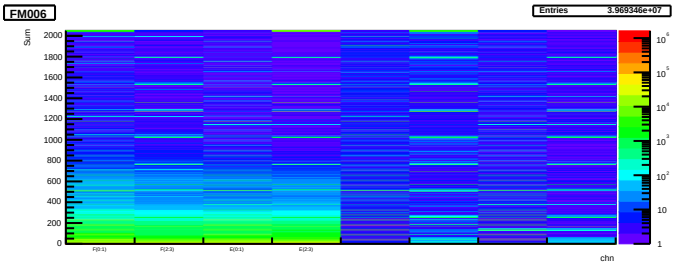

FM001
Entries 3.969346e+07
Sum
chn

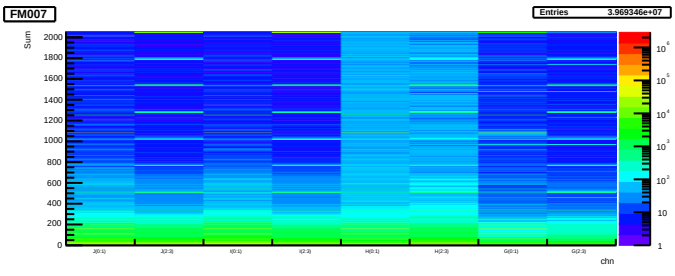

FM002
Entries 3.969346e+07
Sum
chn


FM003
Entries 3.969346e+07
Sum
chn


FM004
Entries 3.969346e+07
Sum
chn


FM005
Entries 3.969346e+07
Sum
chn


FM006
Entries 3.969346e+07
Sum
chn


FM007
Entries 3.969346e+07
Sum
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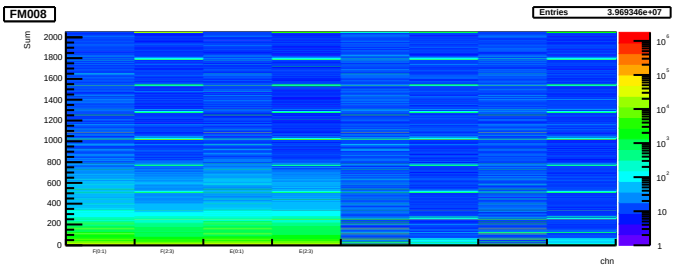
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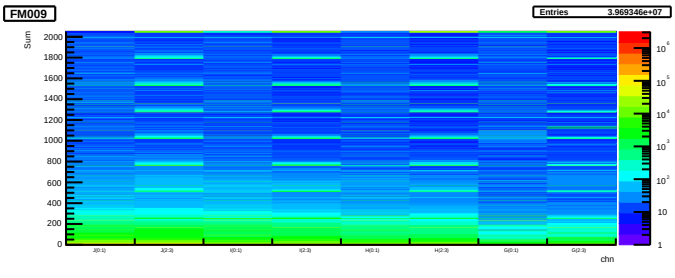
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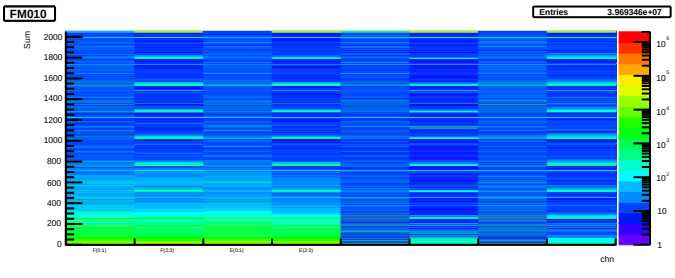
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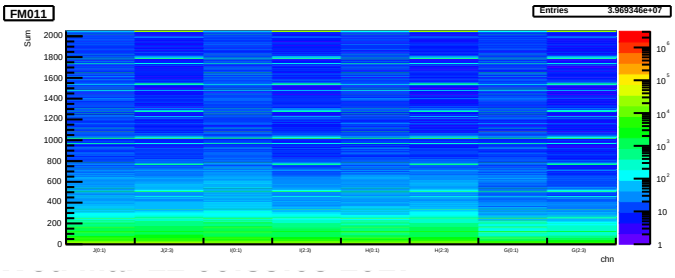
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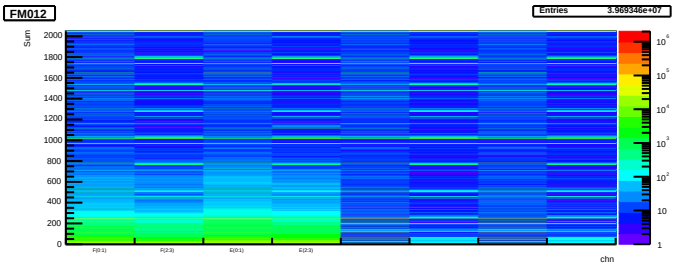
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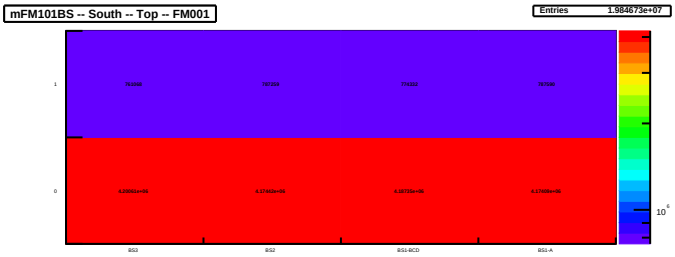
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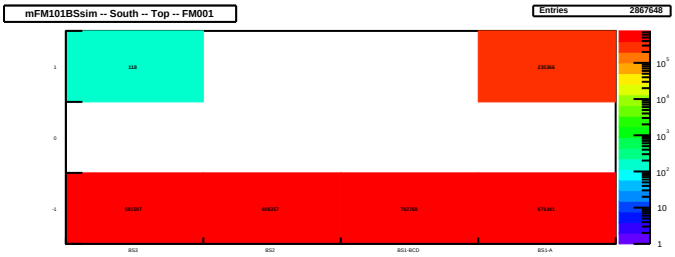
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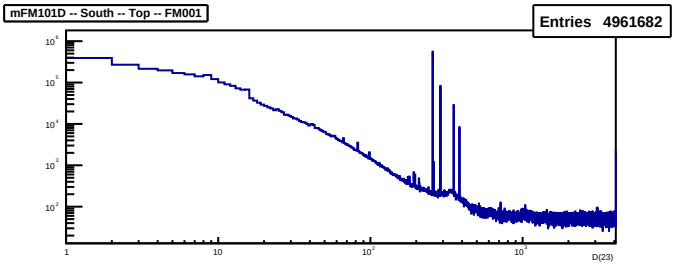
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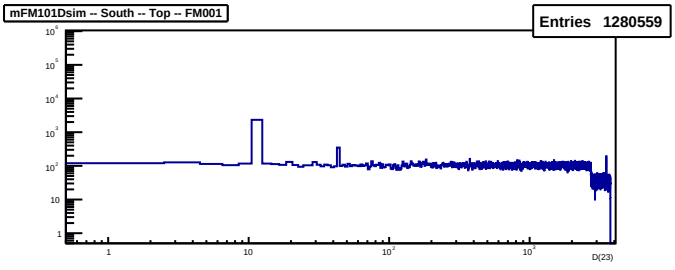
Entries 4961682
D(23)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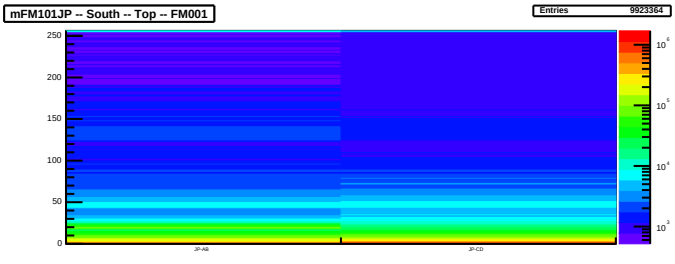
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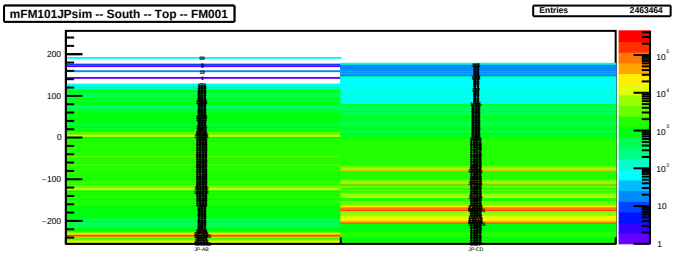
Entries 9923364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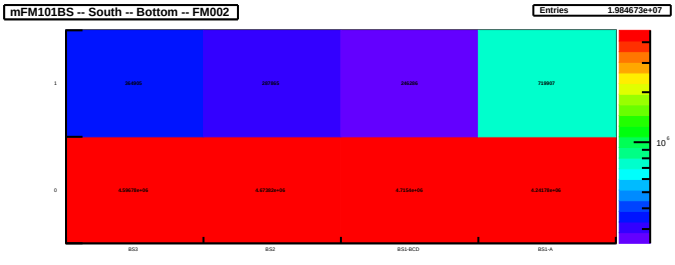
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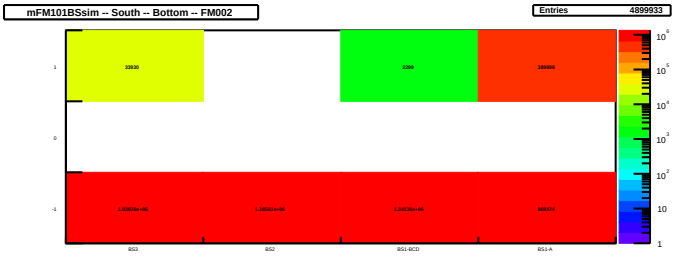
Entries 1.984673e+07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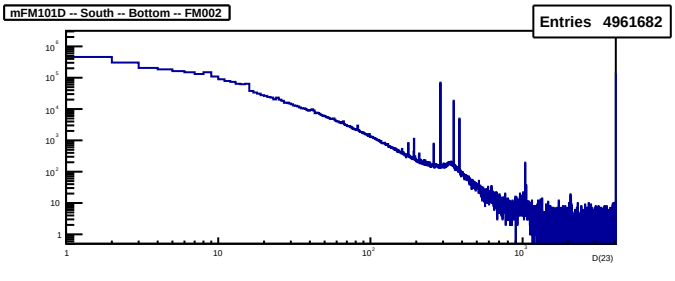
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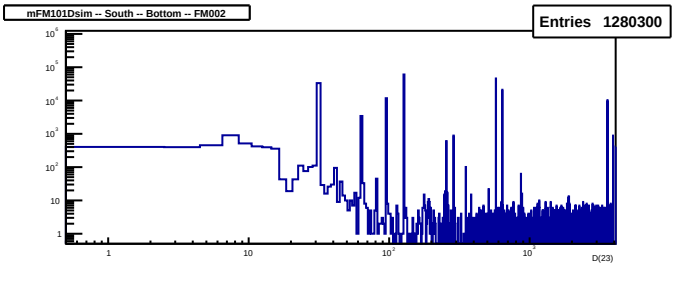
Entries 4961682
D(23)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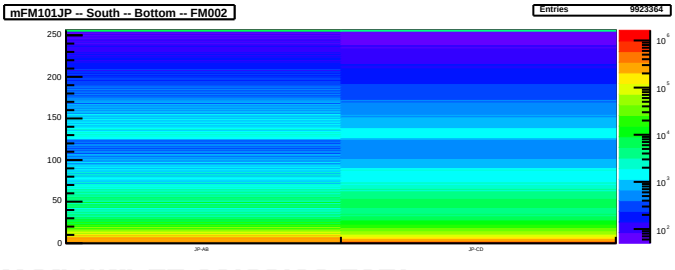
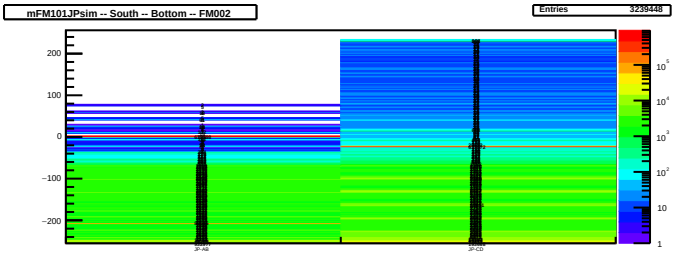

mFM101JP -- South -- Bottom -- FM002
Entries 9923364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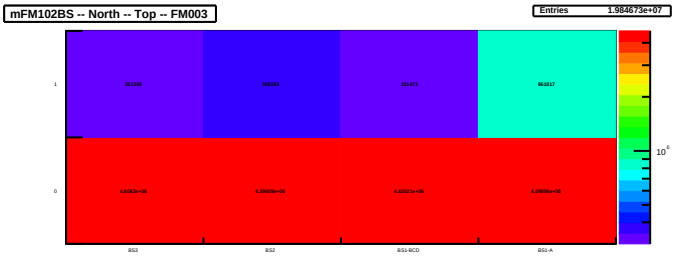
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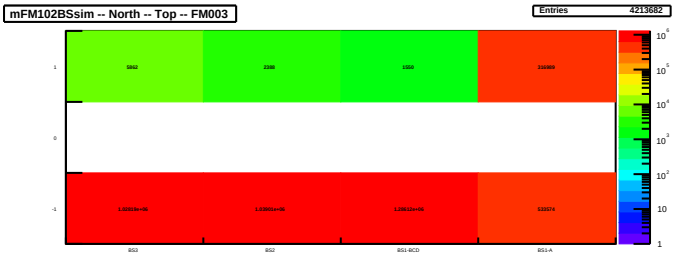
Entries 1.984673e+07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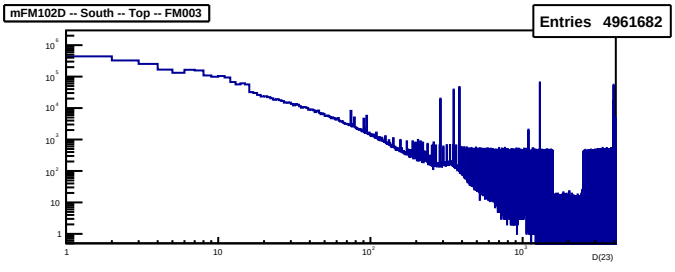
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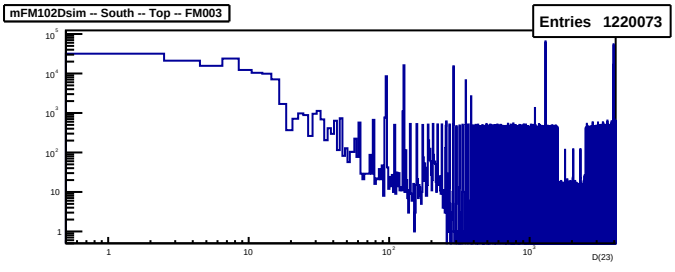
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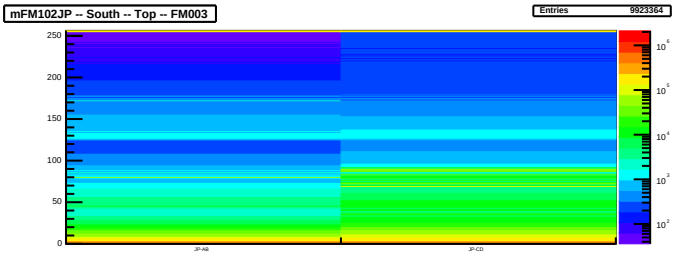
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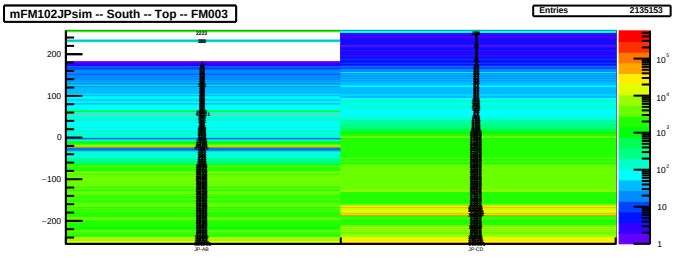
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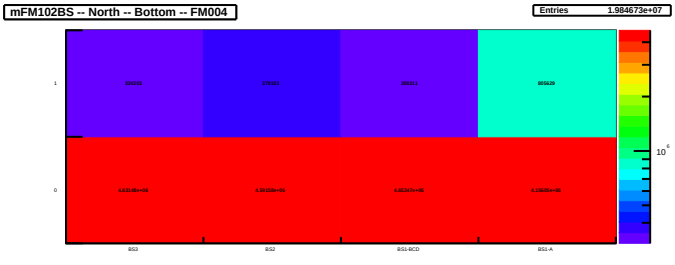
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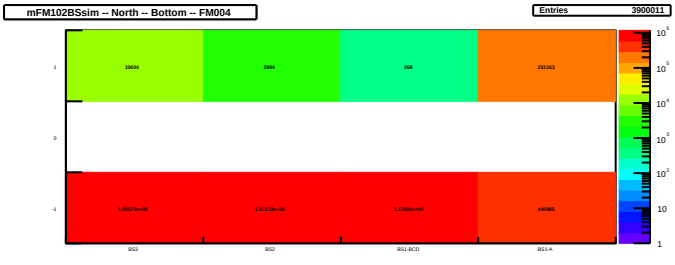
Entries 1.984673e+07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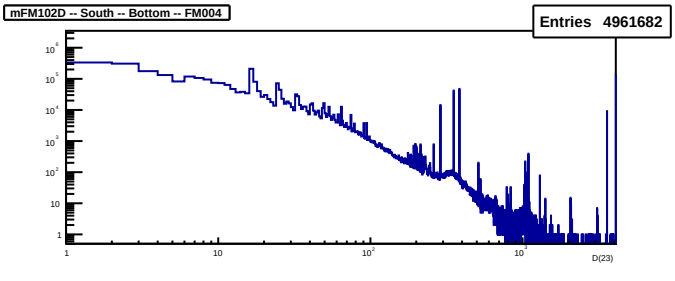
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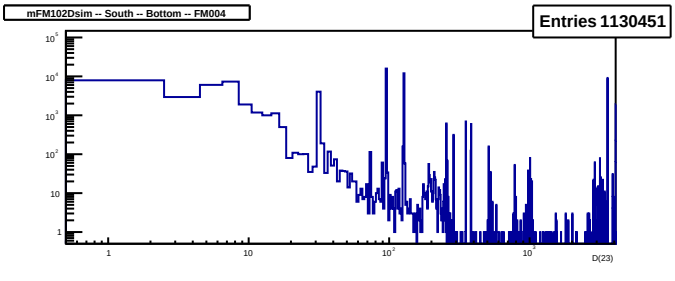
Entries 4961682
D(23)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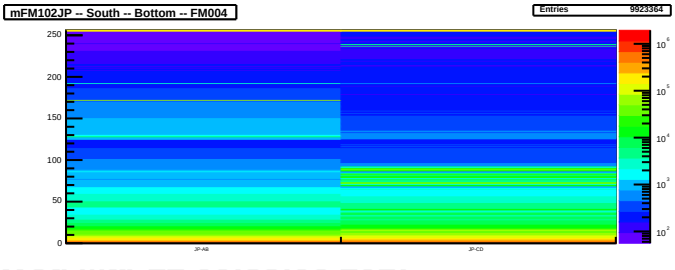
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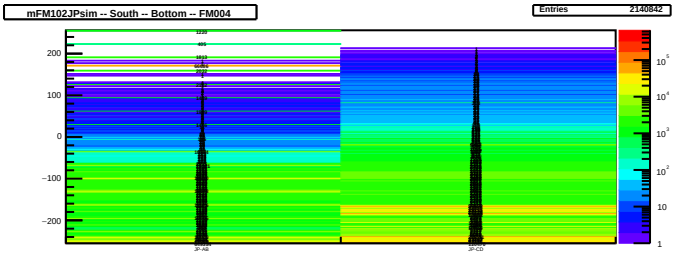
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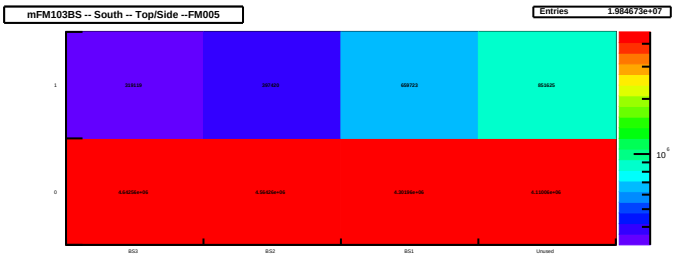
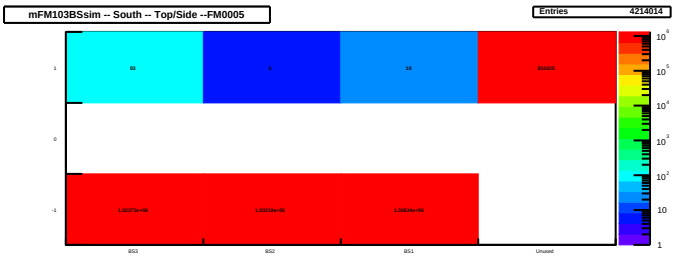

mFM103BS -- South -- Top/Side --FM005
Entries 1.984673e+07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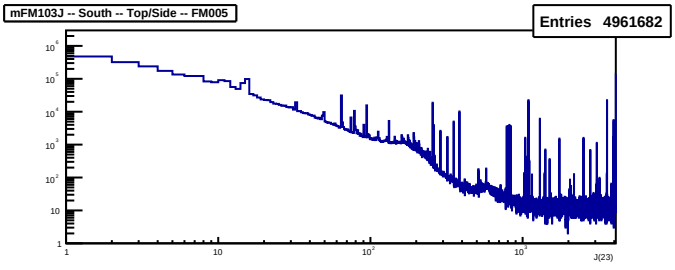
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Entries 4961682
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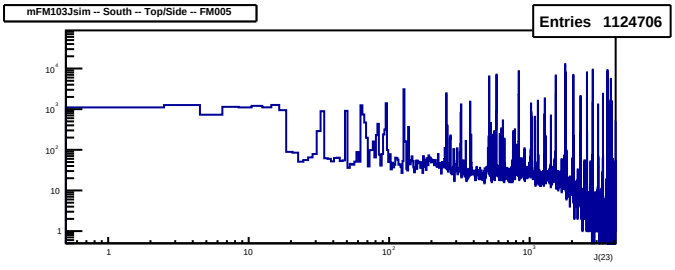
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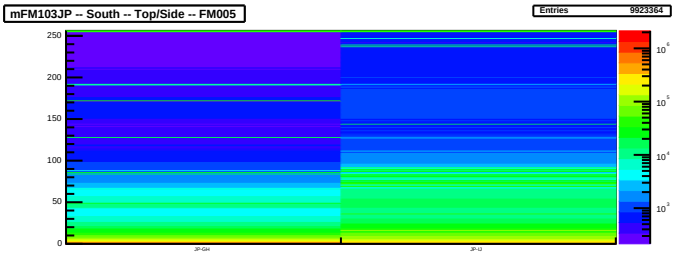
J(23)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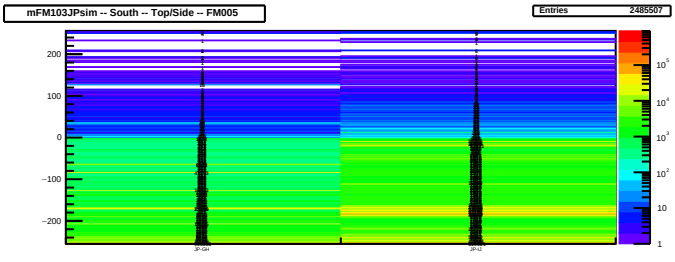
Entries 9923364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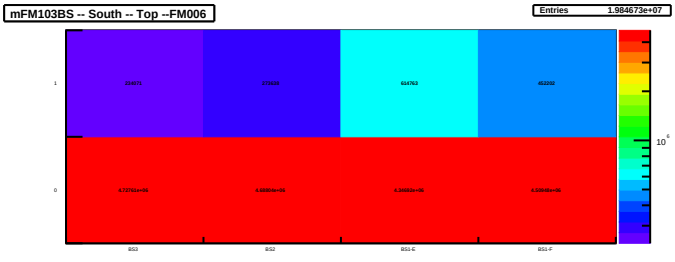
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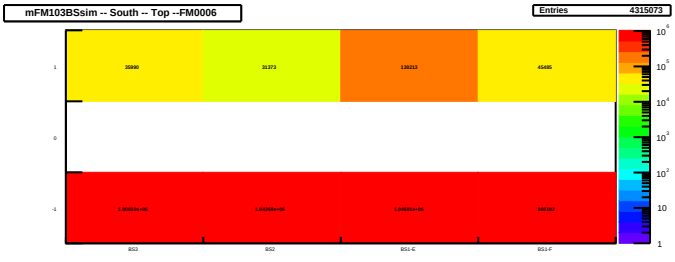
Entries 1.984673e+07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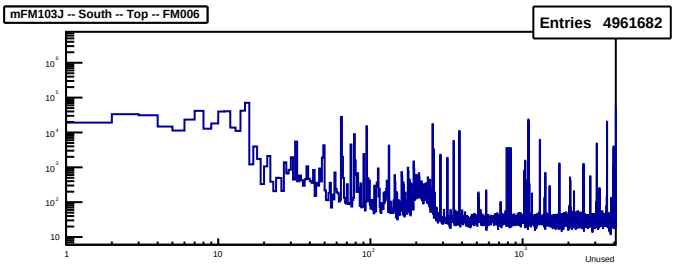
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Entries 4961682
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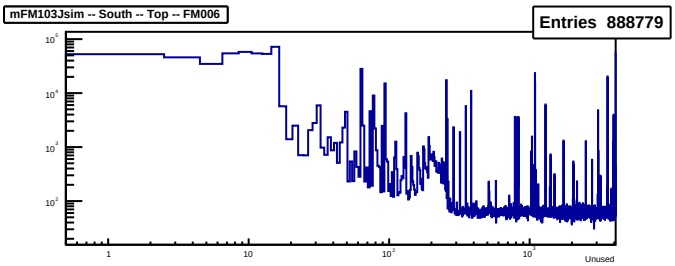
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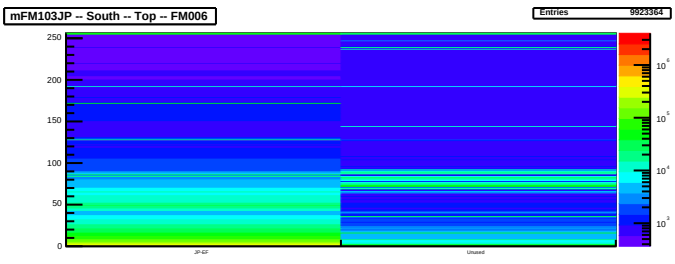
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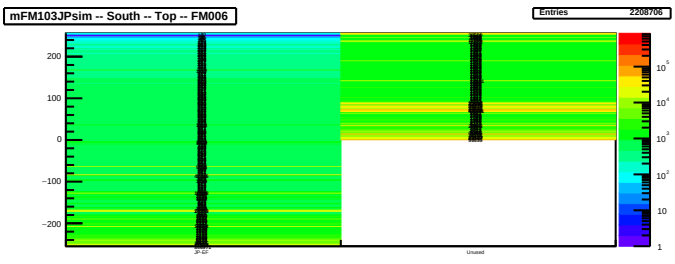
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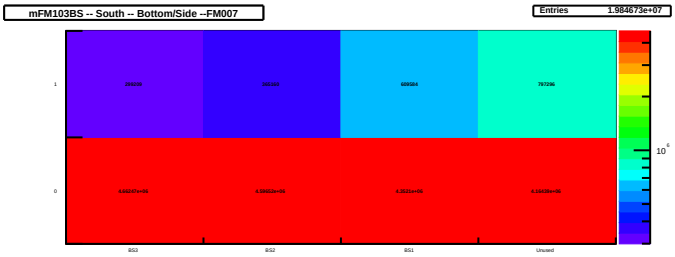
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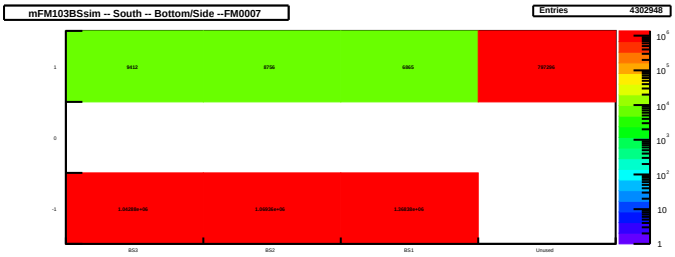
Entries 1.984673e+07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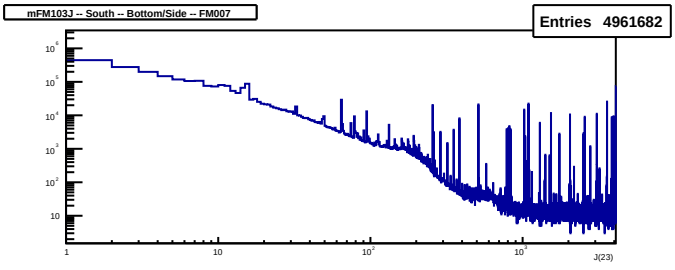
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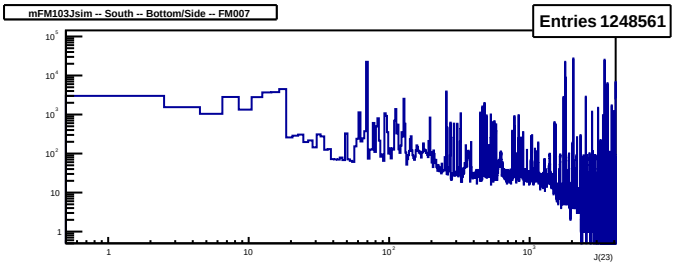
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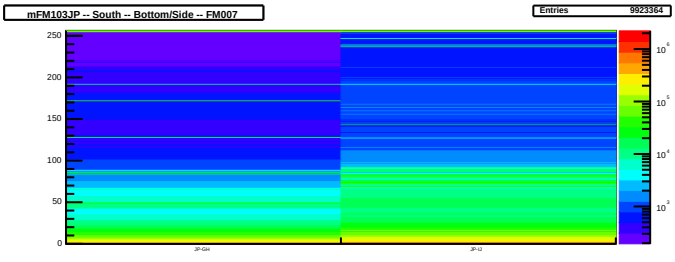
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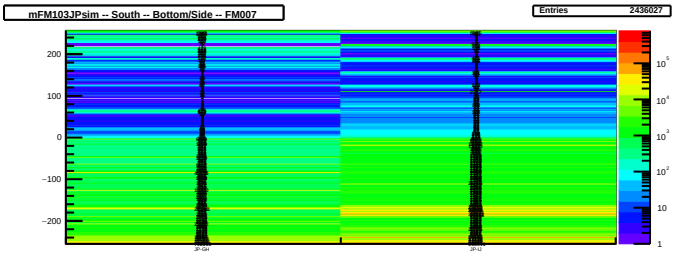
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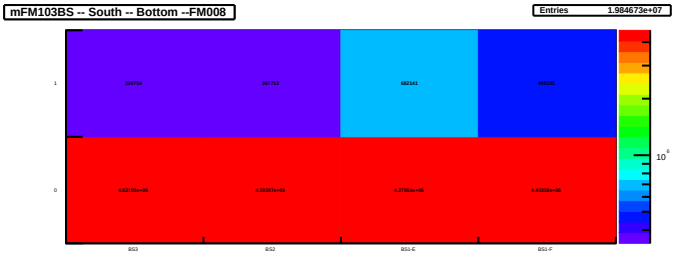
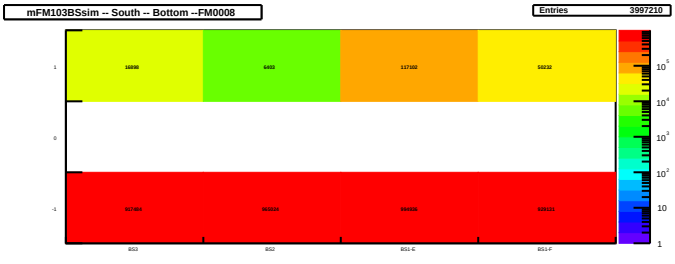

mFM103BS -- South -- Bottom --FM008
Entries 1.984673e+07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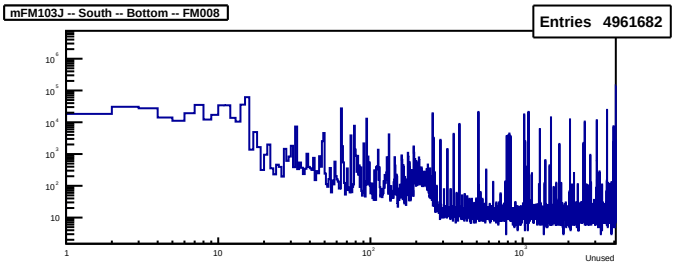
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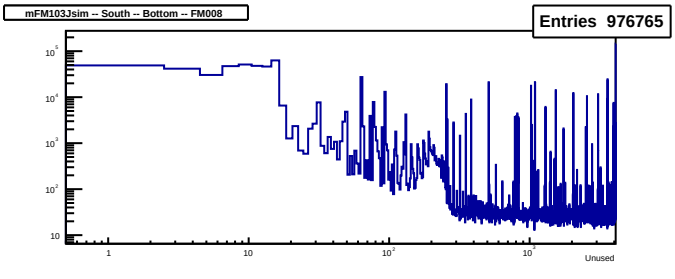
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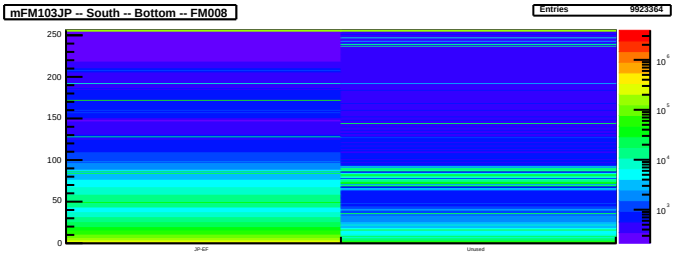
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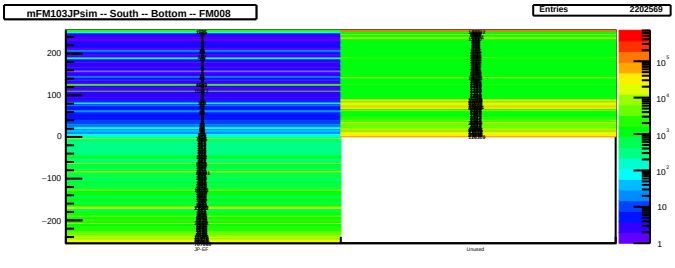
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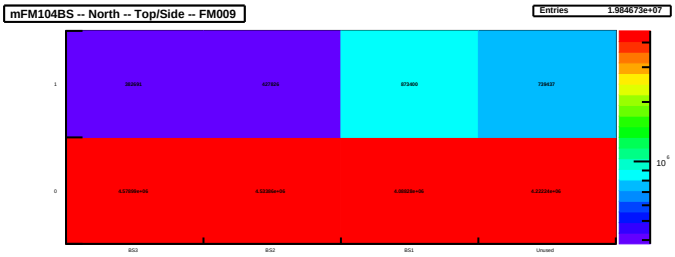
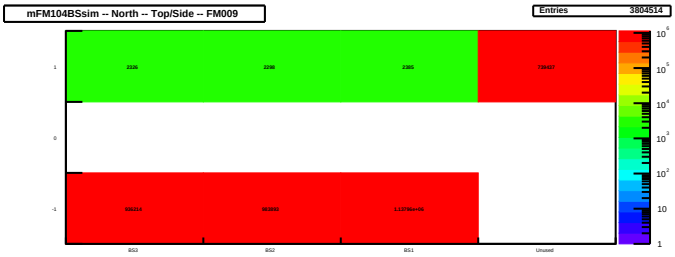
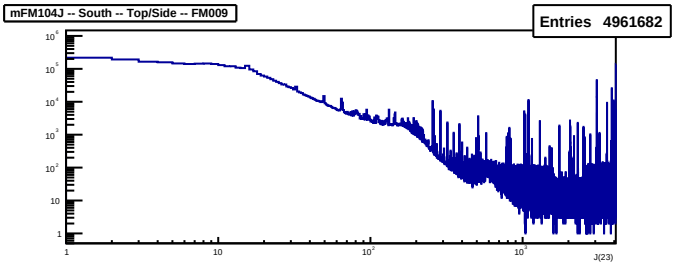
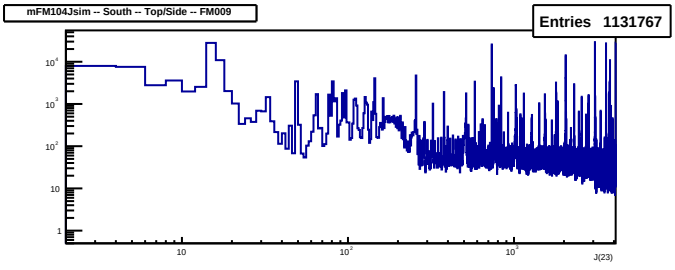

mFM104BS -- North -- Top/Side -- FM009
Entries 1.984673e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 3804514


mFM104J -- South -- Top/Side -- FM009
Entries 4961682
J(23)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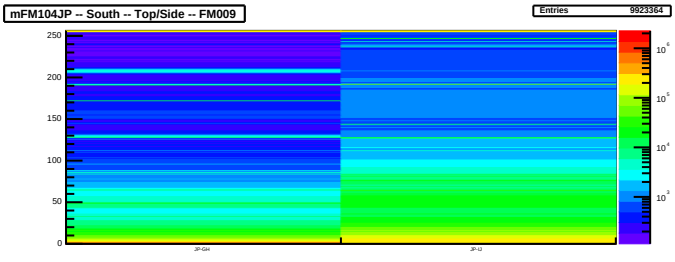
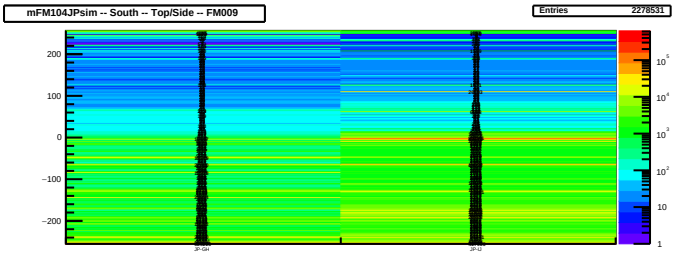
Entries 1131767
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9923364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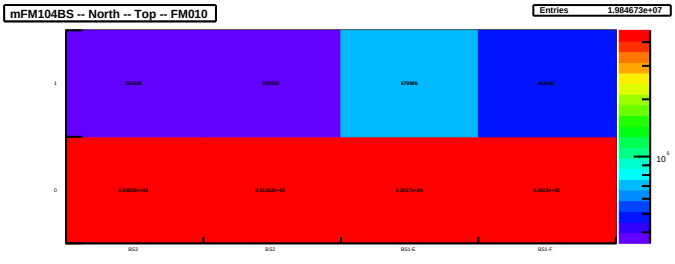
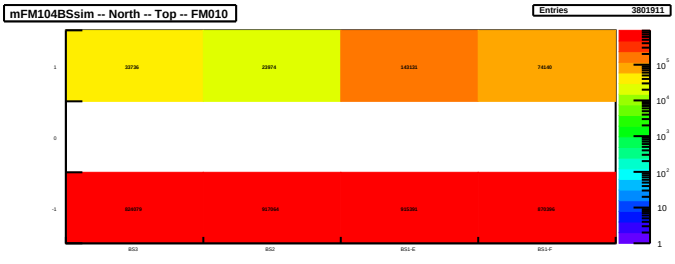
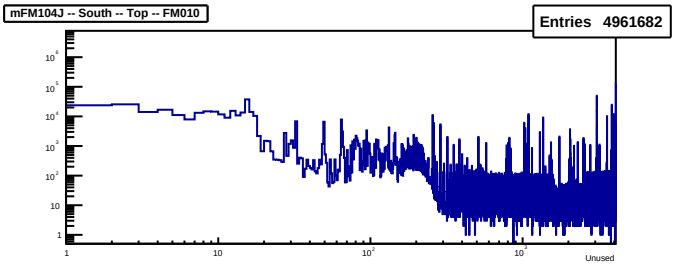
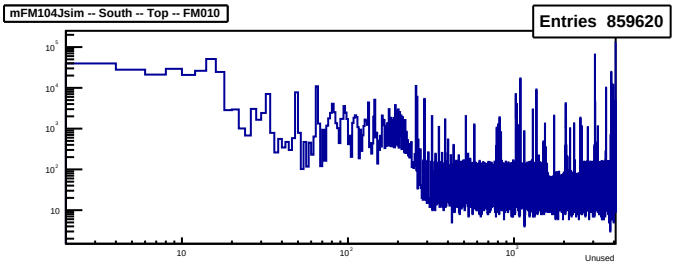
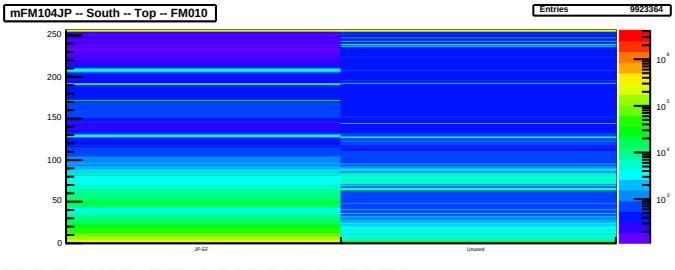
Entries 2278531

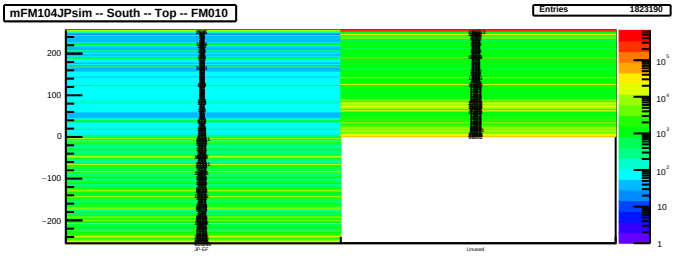

mFM104BS -- North -- Top -- FM010
Entries 1.984673e+07

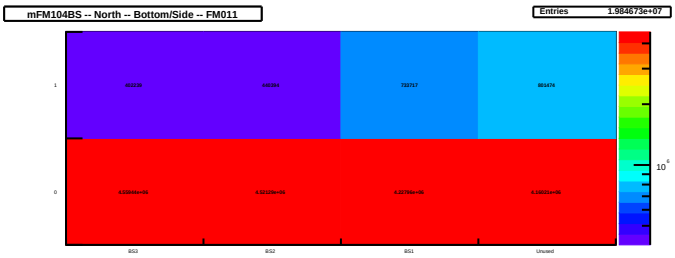

mFM104BSsim -- North -- Top -- FM010
Entries 3801911

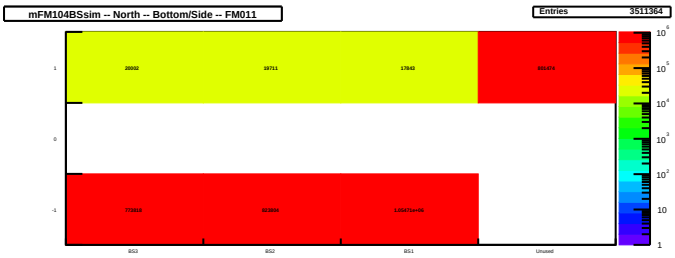

mFM104J -- South -- Top -- FM010
Entries 4961682
Unused

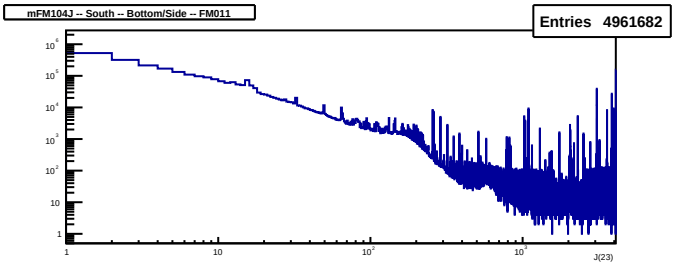

mFM104Jsim -- South -- Top -- FM010
Entries 859620
Unused

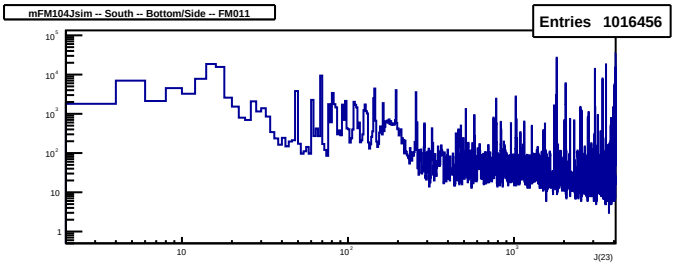

mFM104JP -- South -- Top -- FM010
Entries 9923364

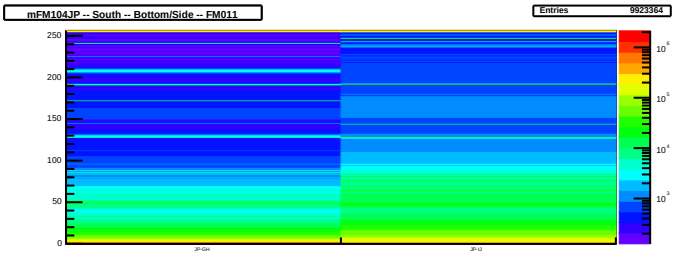

mFM104JPsim -- South -- Top -- FM010
Entries 1823190

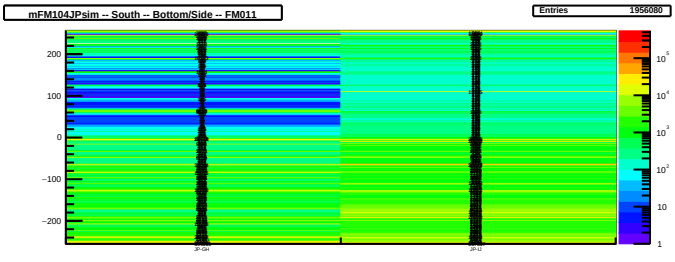

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.984673e+07

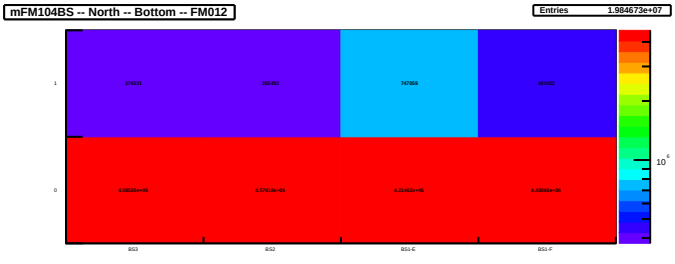

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3511364

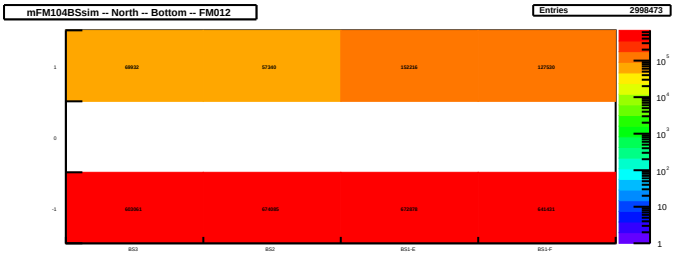

mFM104J -- South -- Bottom/Side -- FM011
Entries 4961682
J(23)

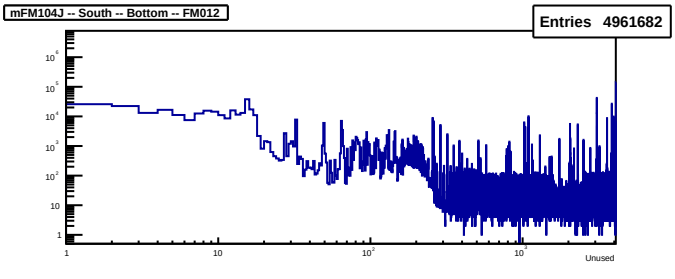

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1016456
J(23)

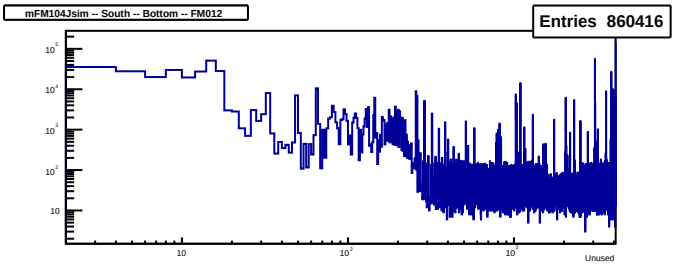

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9923364

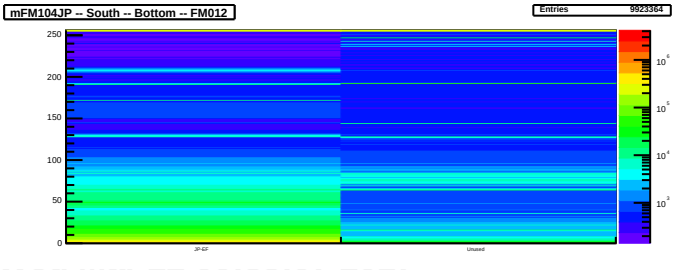

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1956080

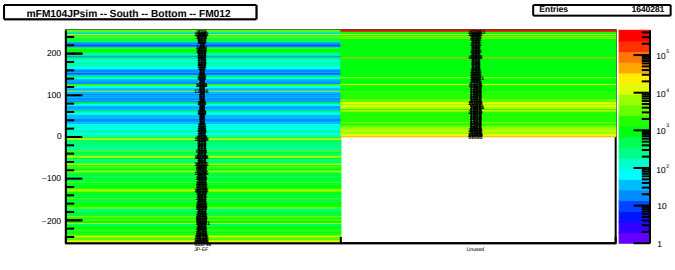

mFM104BS -- North -- Bottom -- FM012
Entries 1.984673e+07

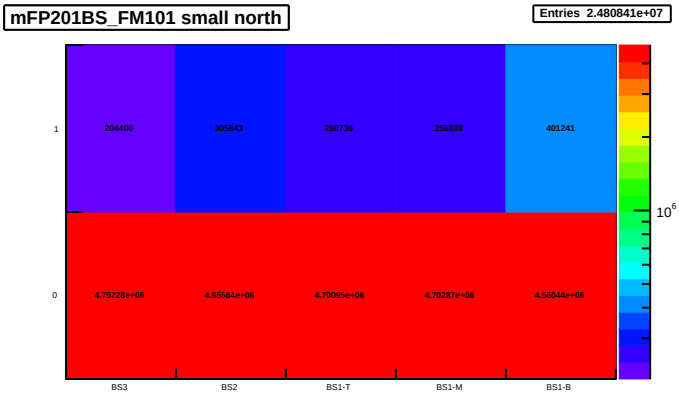

mFM104BSsim -- North -- Bottom -- FM012
Entries 2998473

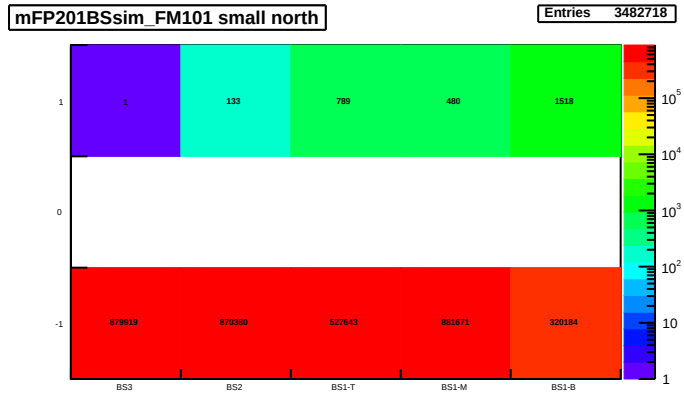

mFM104J -- South -- Bottom -- FM012
Entries 4961682
Unused

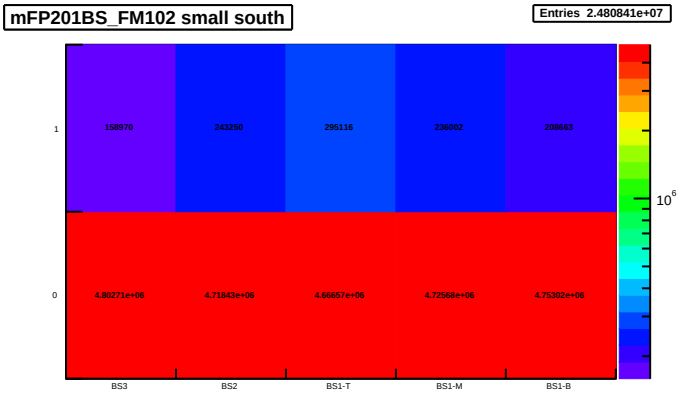

mFM104Jsim -- South -- Bottom -- FM012
Entries 860416
Unused

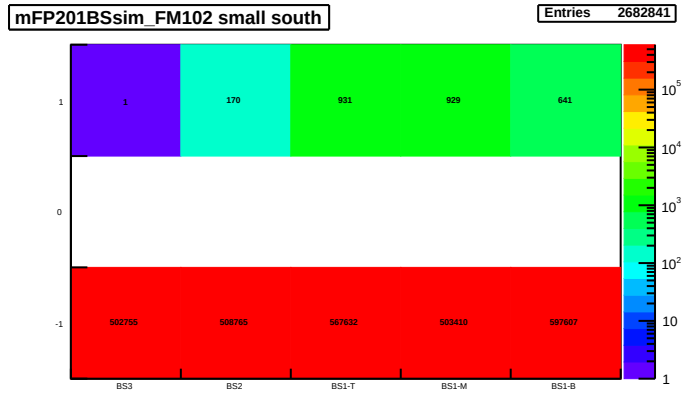

mFM104JP -- South -- Bottom -- FM012
Entries 9923364

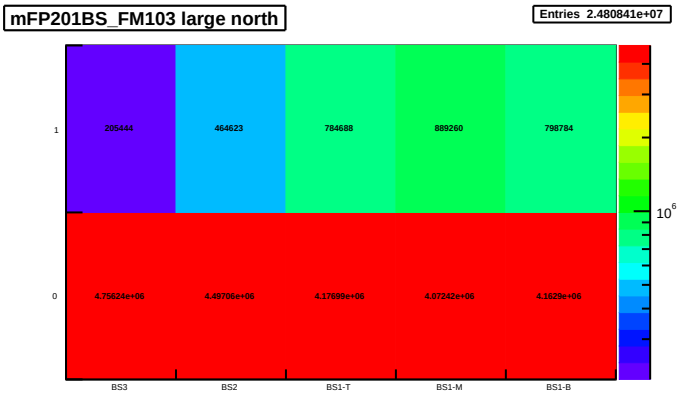

mFM104JPsim -- South -- Bottom -- FM012
Entries 1640281

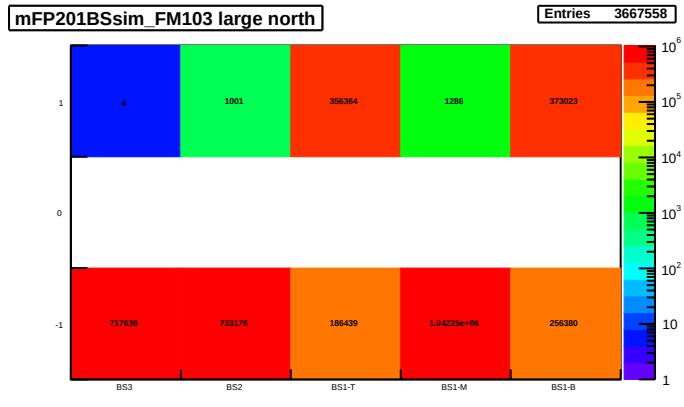

mFP201BS_FM101 small north
Entries 2.480841e+07
204400
305843
260736
258808
401241
4.75728e+06
4.65584e+06
4.70095e+06
4.70287e+06
4.56044e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

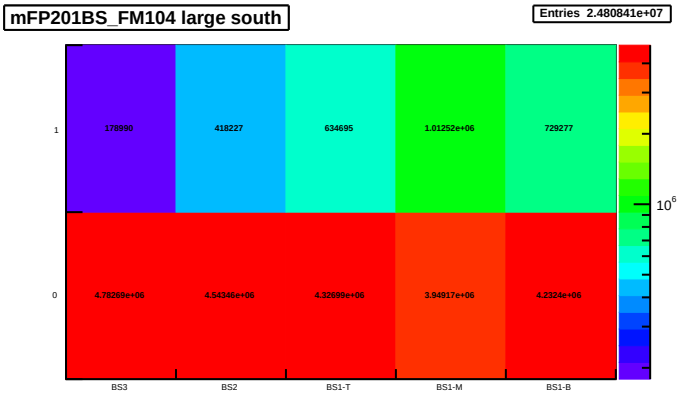

mFP201BSsim_FM101 small north
Entries 3482718
1
133
789
480
1518
879919
870380
527643
881671
320184
BS3
BS2
BS1-T
BS1-M
BS1-B

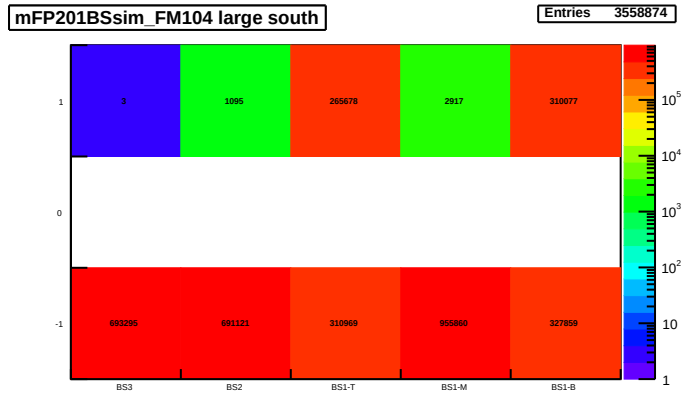

mFP201BS_FM102 small south
Entries 2.480841e+07
158970
243250
295116
236002
208663
4.80271e+06
4.71843e+06
4.66657e+06
4.72568e+06
4.75302e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

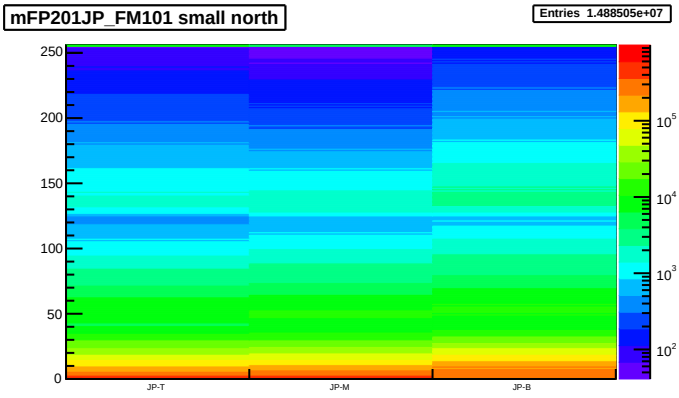

mFP201BSsim_FM102 small south
Entries 2682841
1
170
931
929
641
502755
508765
567632
503410
597607
BS3
BS2
BS1-T
BS1-M
BS1-B

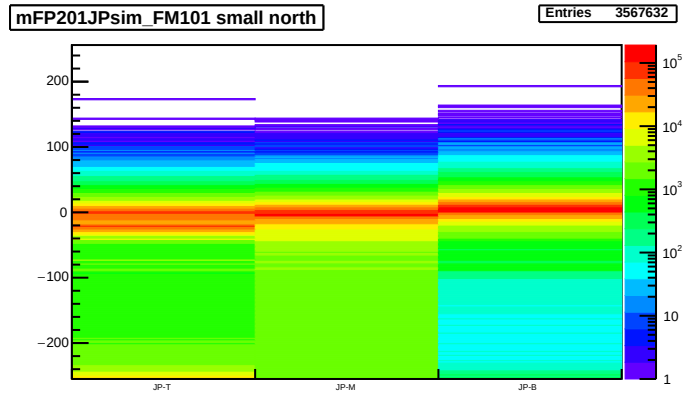

mFP201BS_FM103 large north
Entries 2.480841e+07
205444
464623
784688
889260
798784
4.75624e+06
4.49706e+06
4.17699e+06
4.07242e+06
4.1629e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

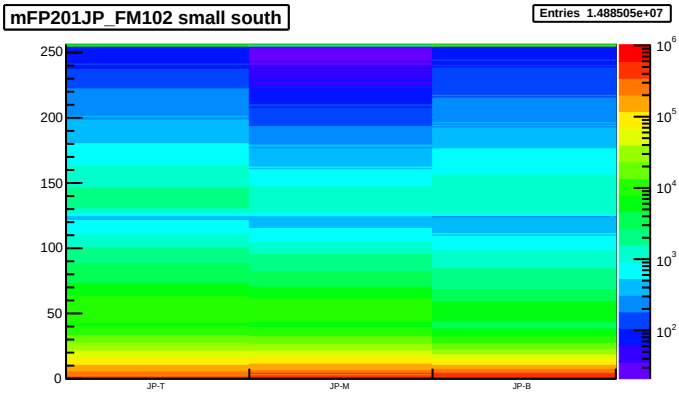

mFP201BSsim_FM103 large north
Entries 3667558
4
1001
356364
1286
373023
717639
733176
186439
1.04225e+06
256380
BS3
BS2
BS1-T
BS1-M
BS1-B

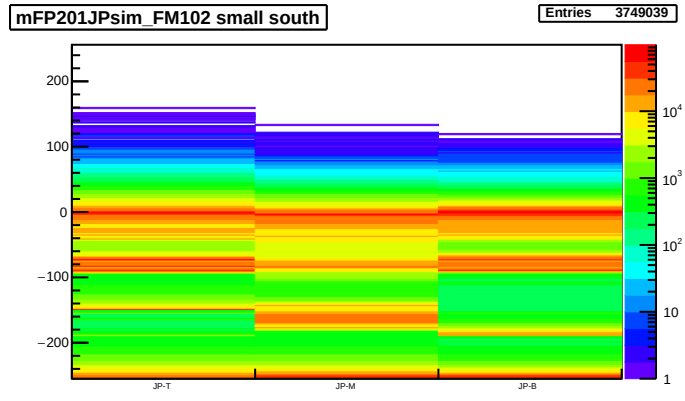

mFP201BS_FM104 large south
Entries 2.480841e+07
178890
418227
634695
1.01252e+06
729277
4.78269e+06
4.54346e+06
4.32699e+06
3.94917e+06
4.2324e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

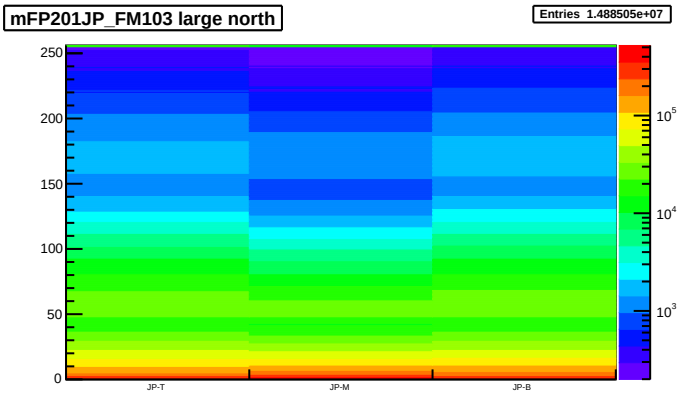

mFP201BSsim_FM104 large south
Entries 3558874
3
1095
265678
2917
310077
693295
691121
310969
955860
327859
BS3
BS2
BS1-T
BS1-M
BS1-B

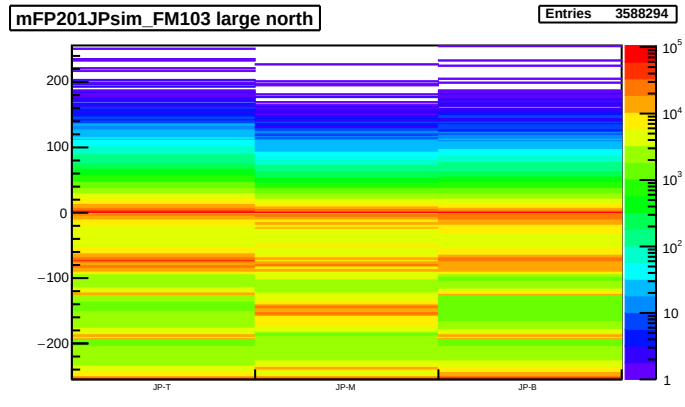

mFP201JP_FM101 small north
Entries 1.488505e+07
JP-T
JP-M
JP-B

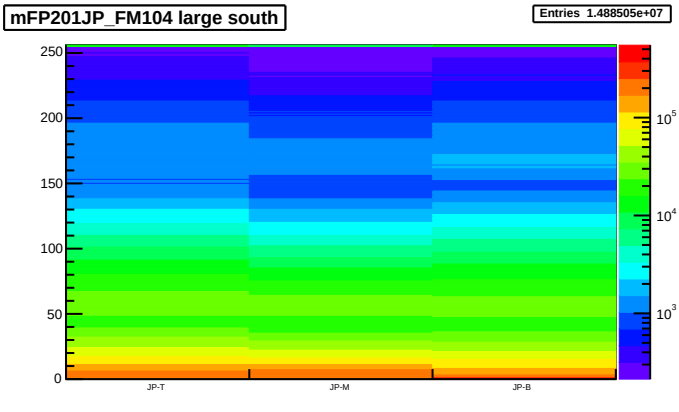

mFP201JPsim_FM101 small north
Entries 3567632
JP-T
JP-M
JP-B

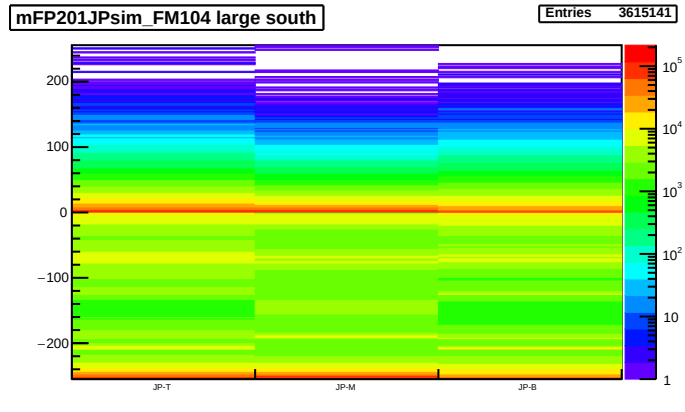

mFP201JP_FM102 small south
Entries 1.488505e+07
JP-T
JP-M
JP-B

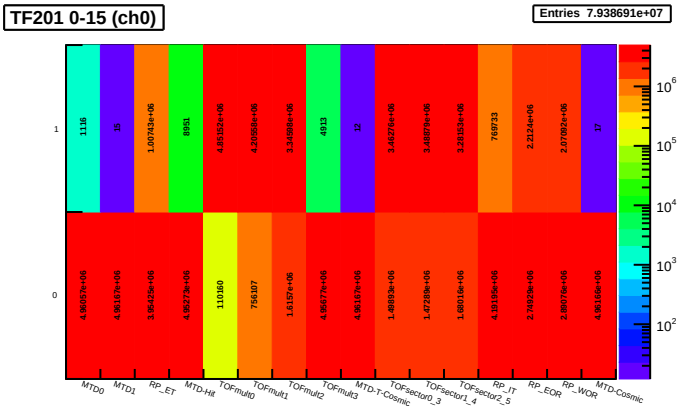

mFP201JPsim_FM102 small south
Entries 3749039
JP-T
JP-M
JP-B

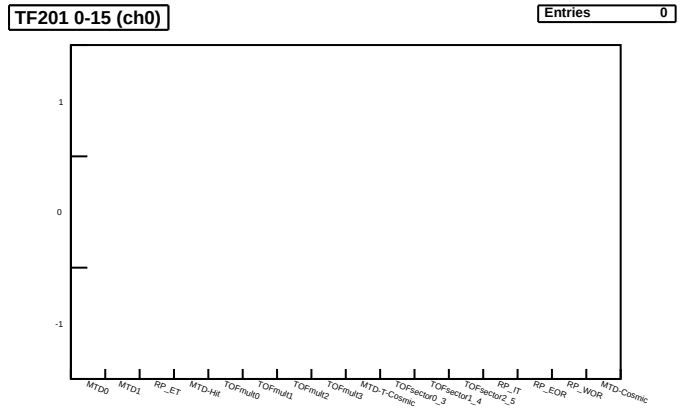

mFP201JP_FM103 large north
Entries 1.488505e+07
JP-T
JP-M
JP-B

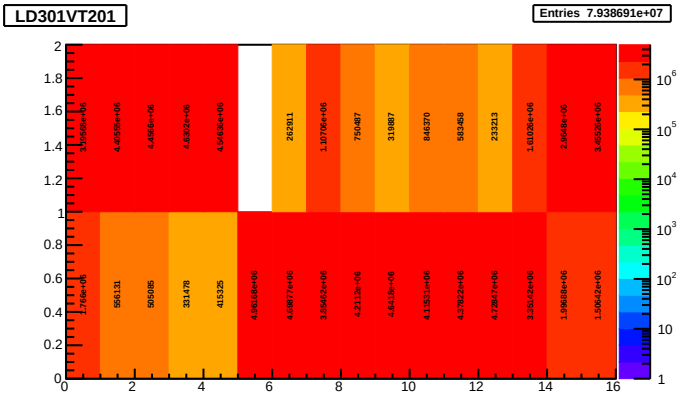

mFP201JPsim_FM103 large north
Entries 3588294
JP-T
JP-M
JP-B

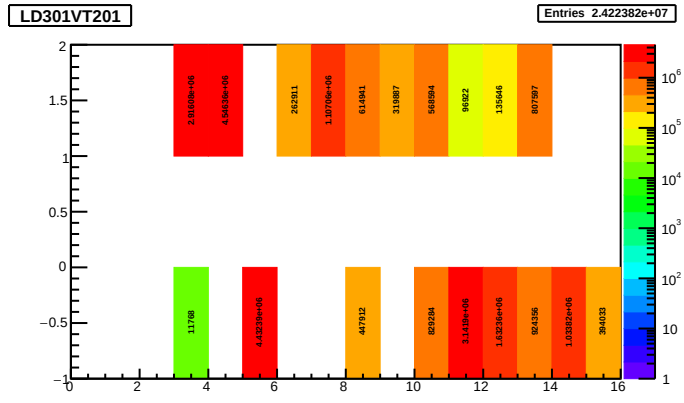

mFP201JP_FM104 large south
Entries 1.488505e+07
JP-T
JP-M
JP-B

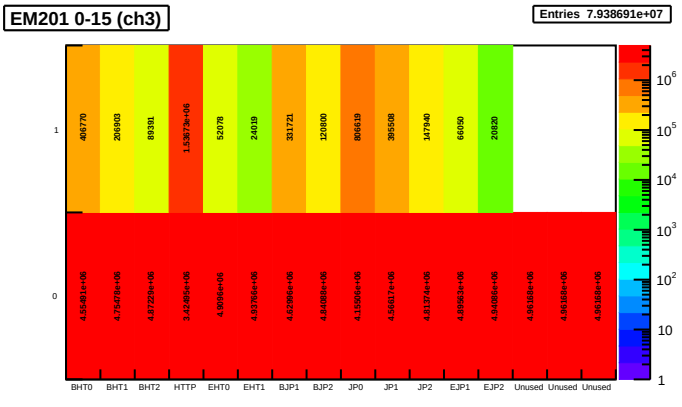

mFP201JPsim_FM104 large south
Entries 3615141
JP-T
JP-M
JP-B

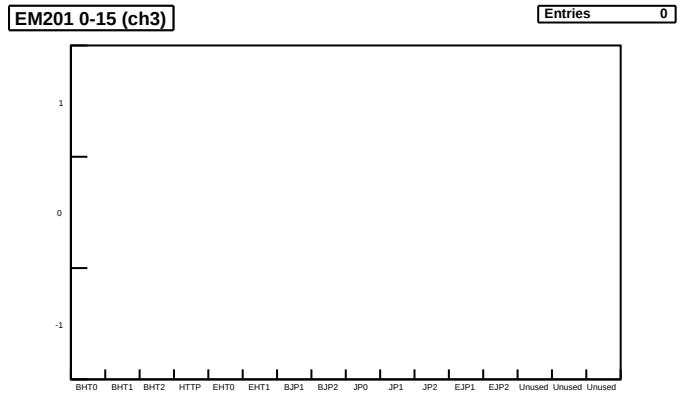

TF201 0-15 (ch0)
Entries 7.938691e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

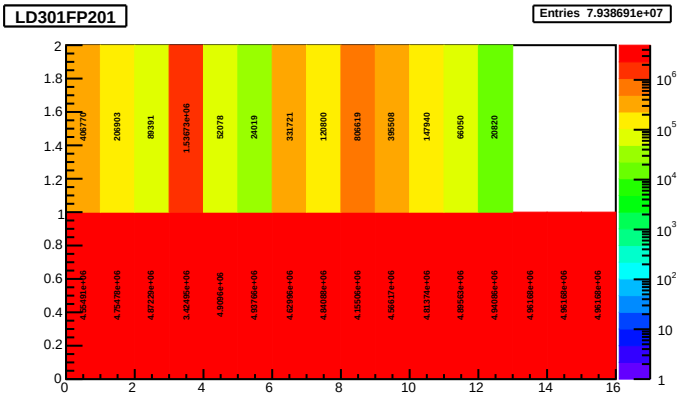

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

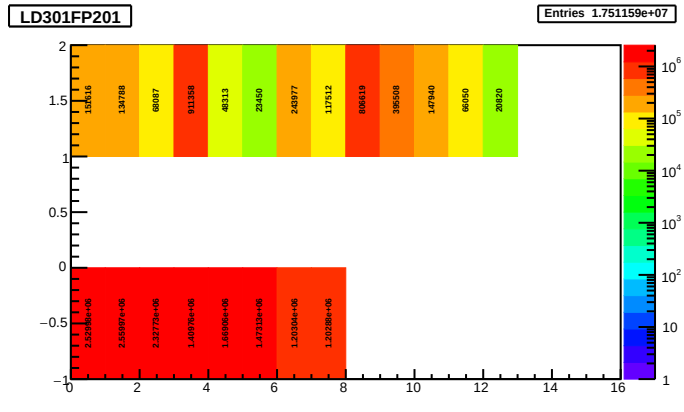

LD301VT201
Entries 7.938691e+07


LD301VT201
Entries 2.422382e+07


EM201 0-15 (ch3)
Entries 7.938691e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 7.938691e+07


LD301FP201
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