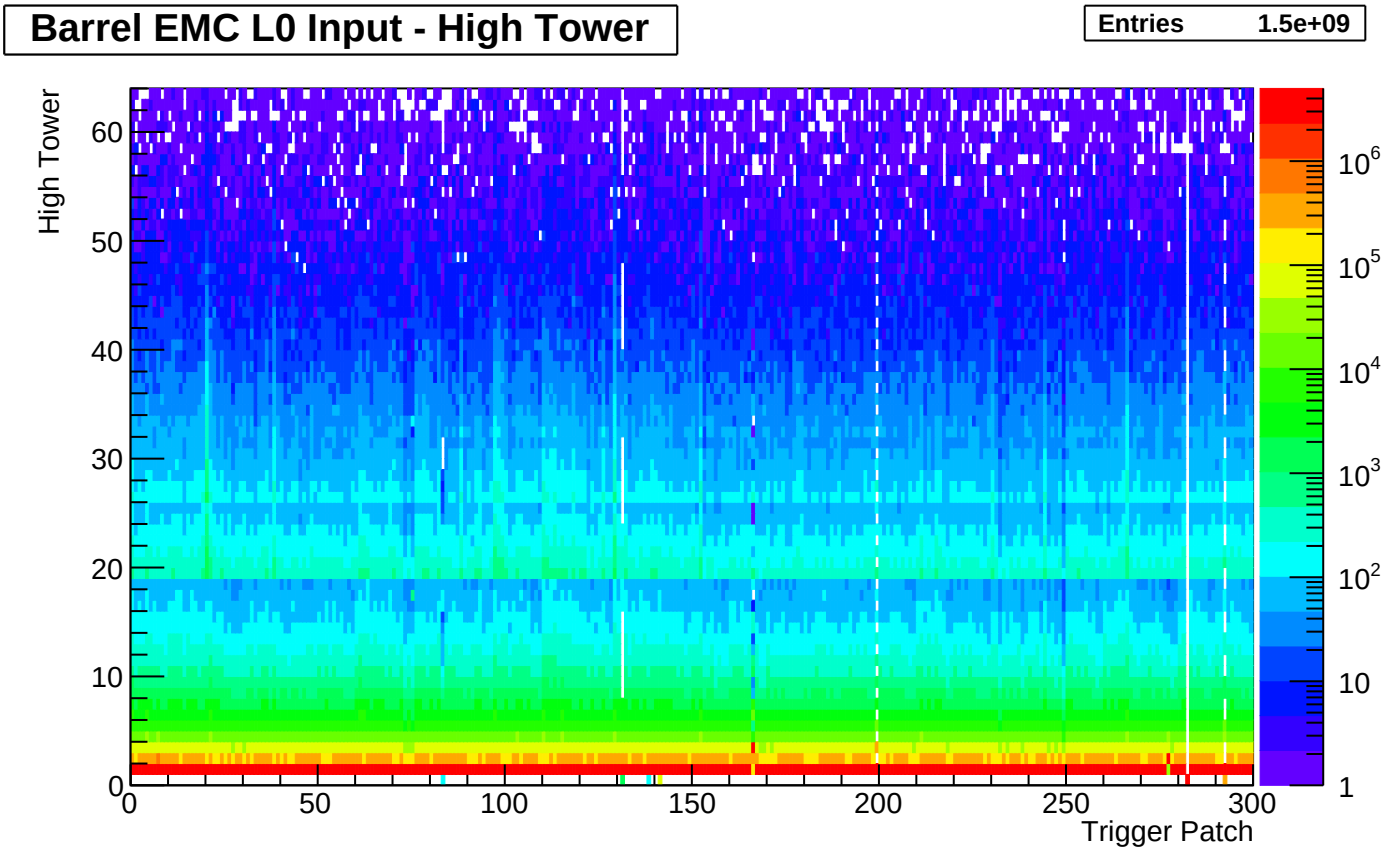
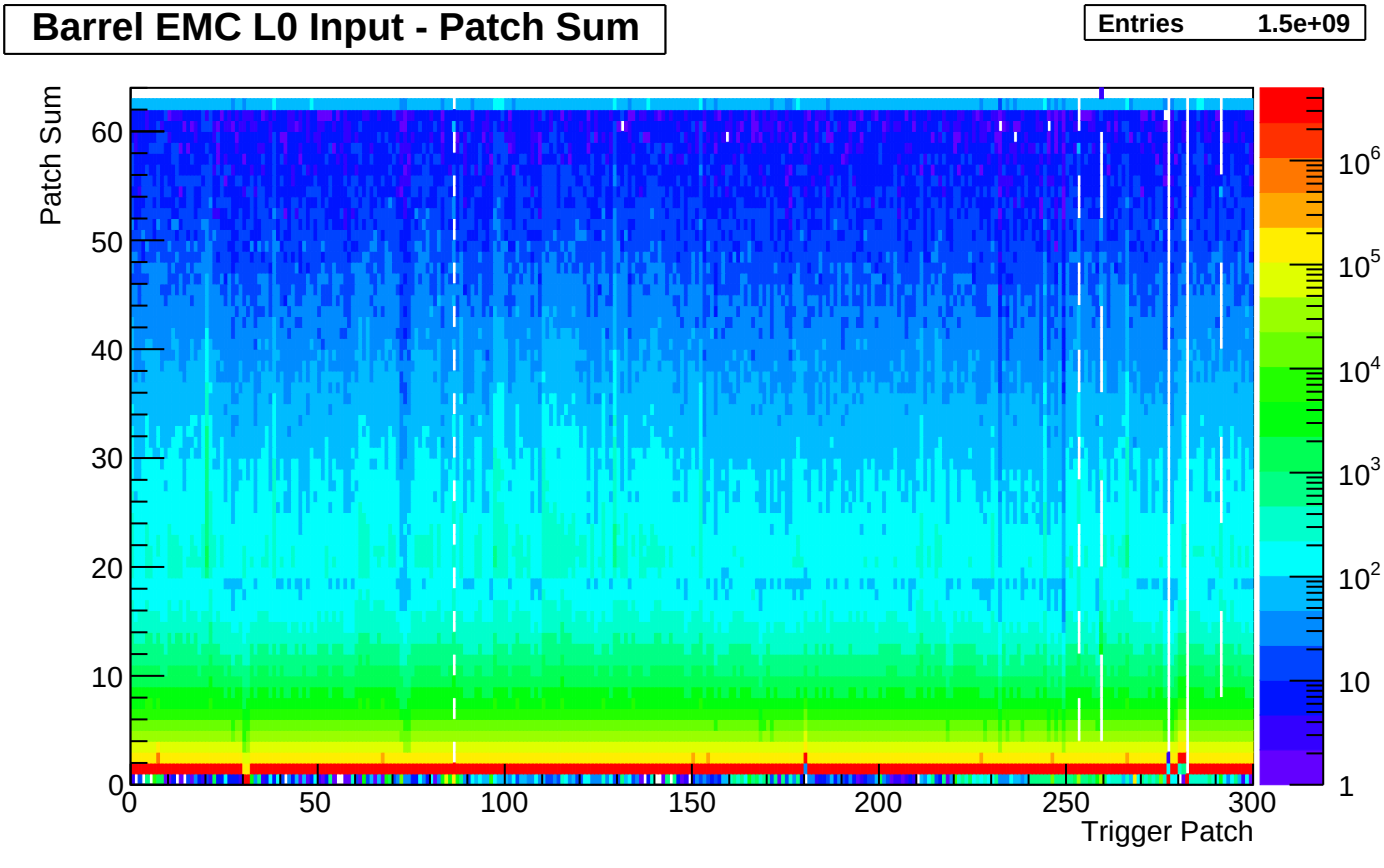
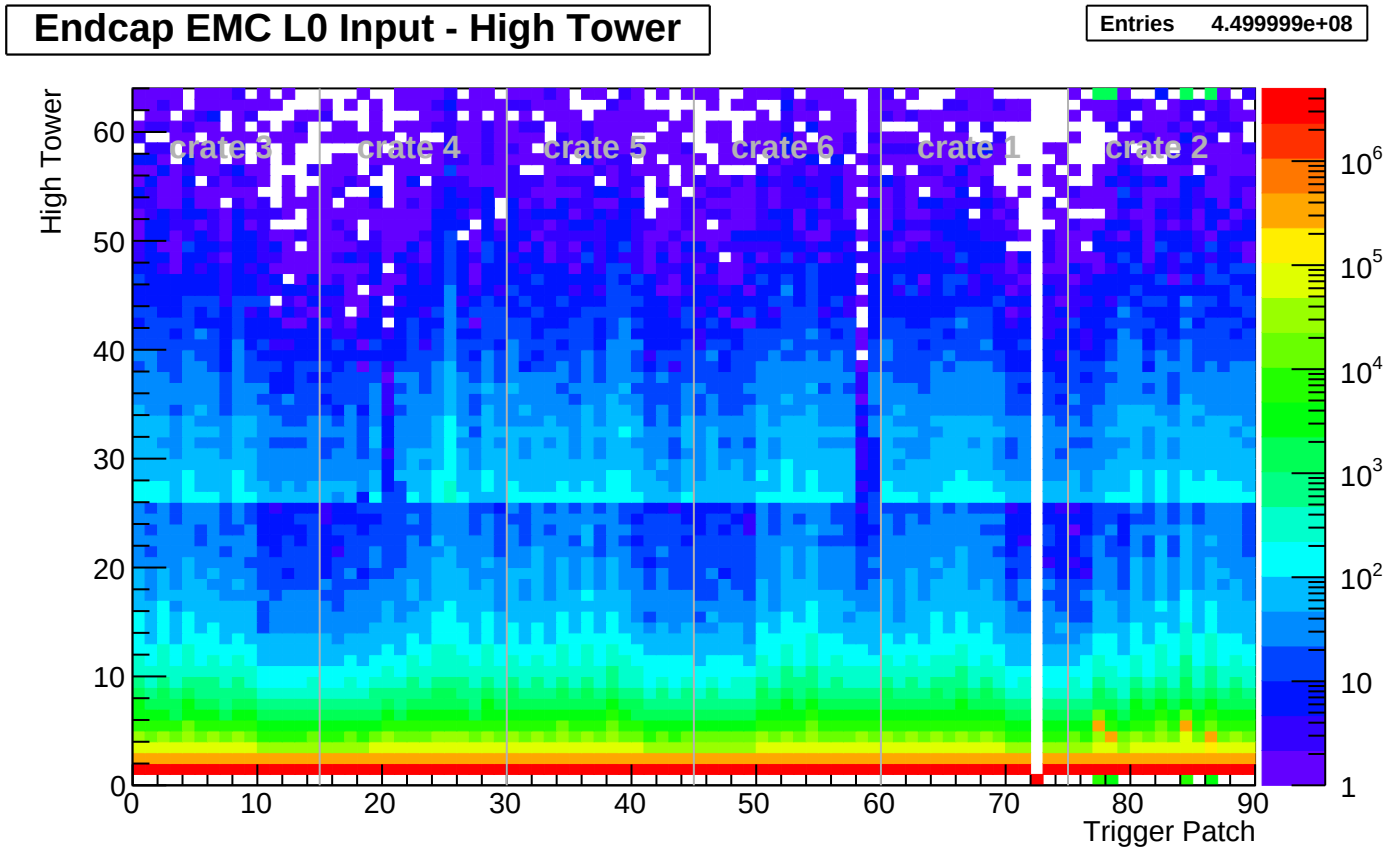
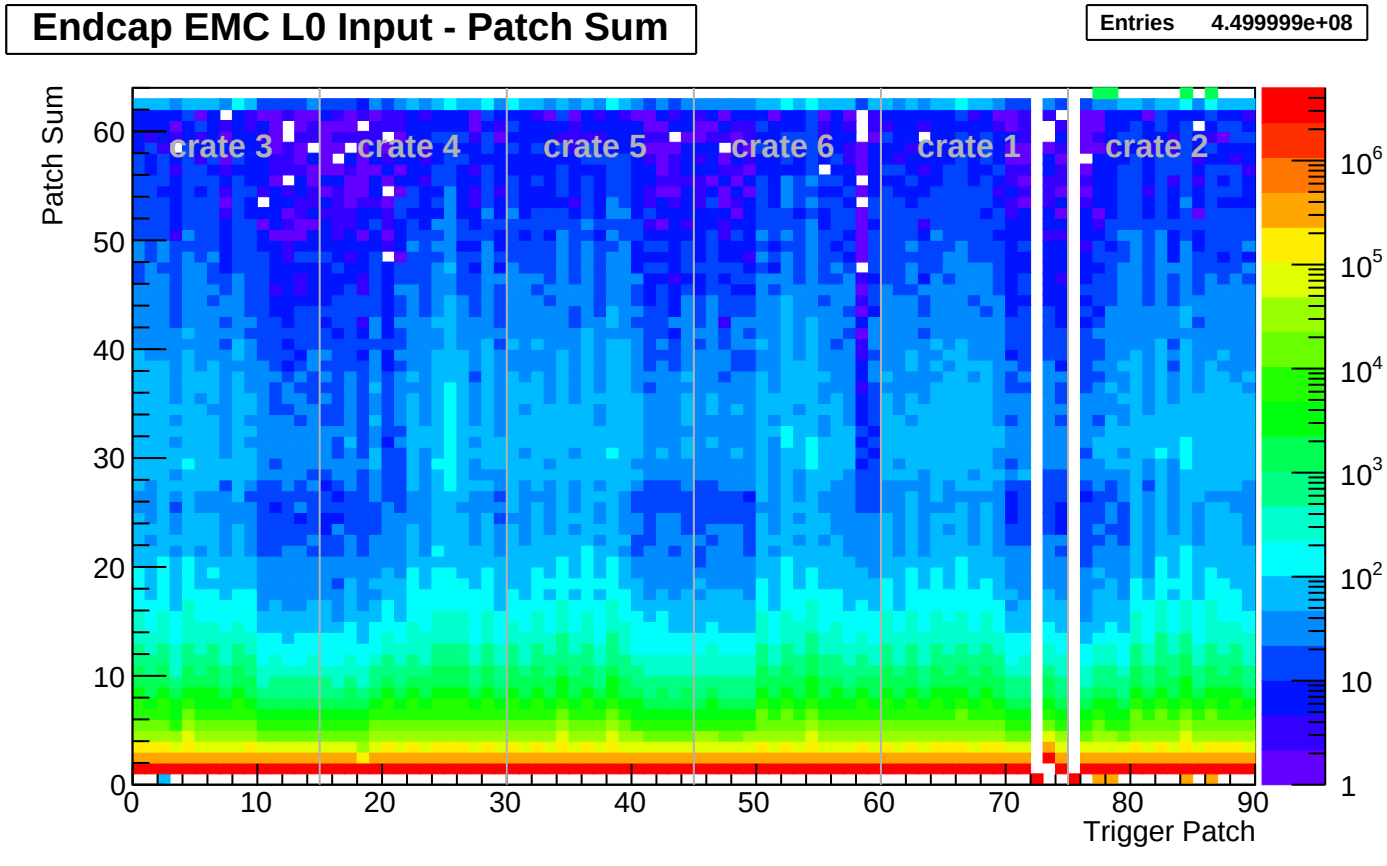
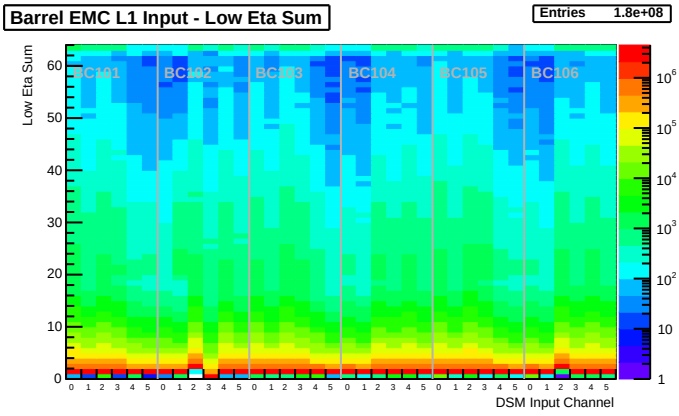
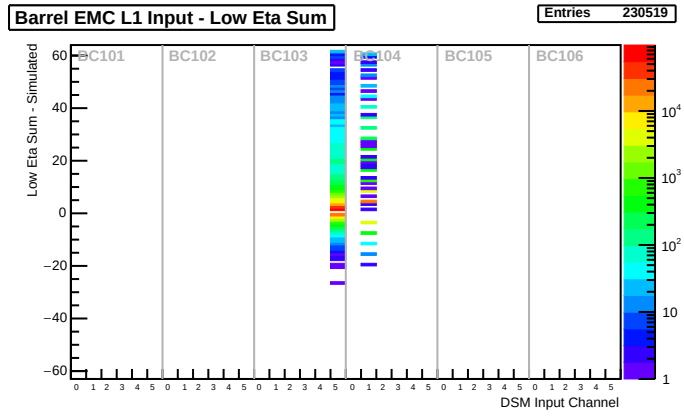

Barrel EMC L0 Input - High Tower
Entries 1.5e+09
High Tower
Trigger Patch

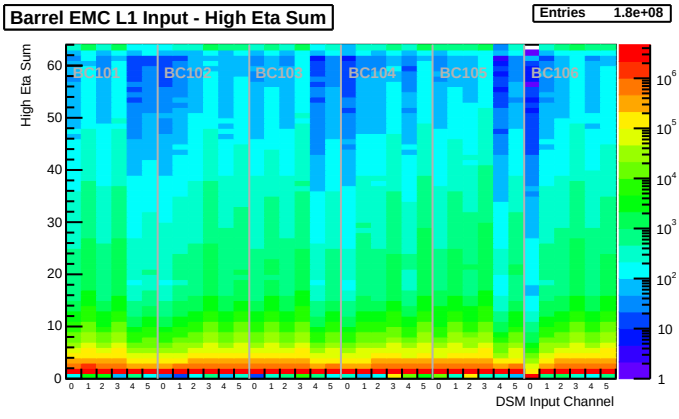

Barrel EMC L0 Input - Patch Sum
Entries 1.5e+09
Patch Sum
Trigger Patch

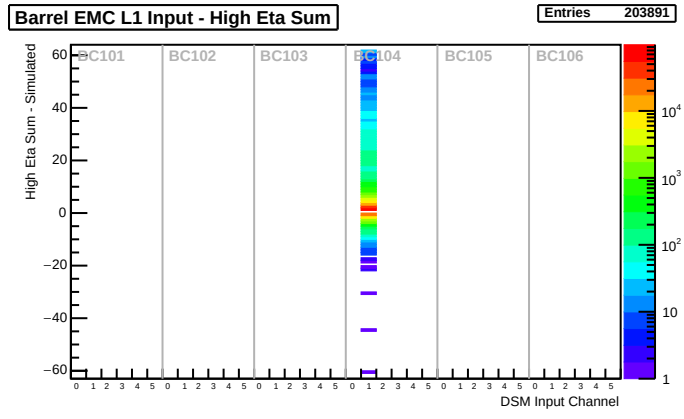

Endcap EMC L0 Input - High Tower
Entries 4.499999e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

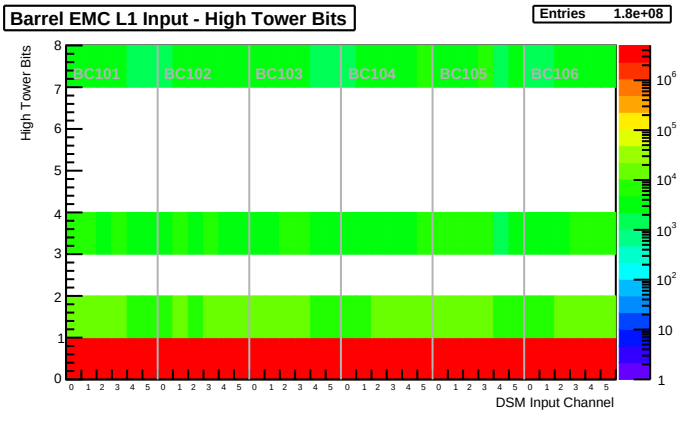

Endcap EMC L0 Input - Patch Sum
Entries 4.499999e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

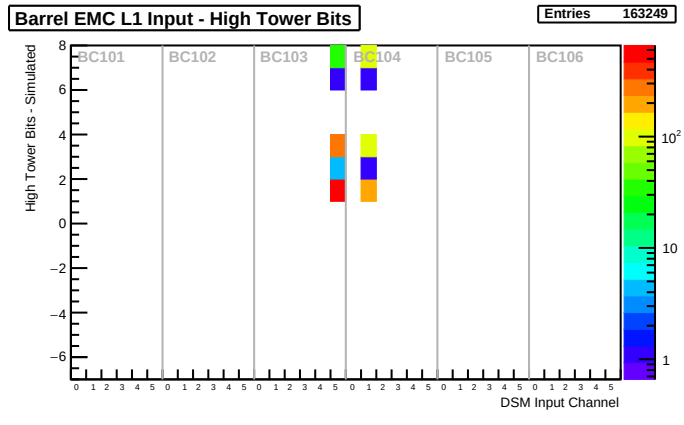

Barrel EMC L1 Input - Low Eta Sum
Entries 1.8e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

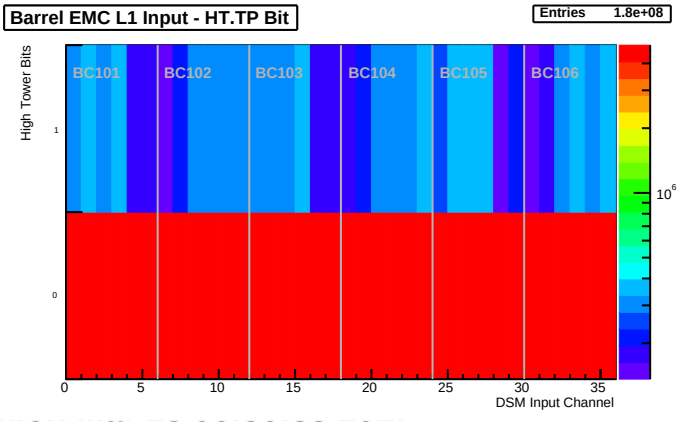

Barrel EMC L1 Input - Low Eta Sum
Entries 230519
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

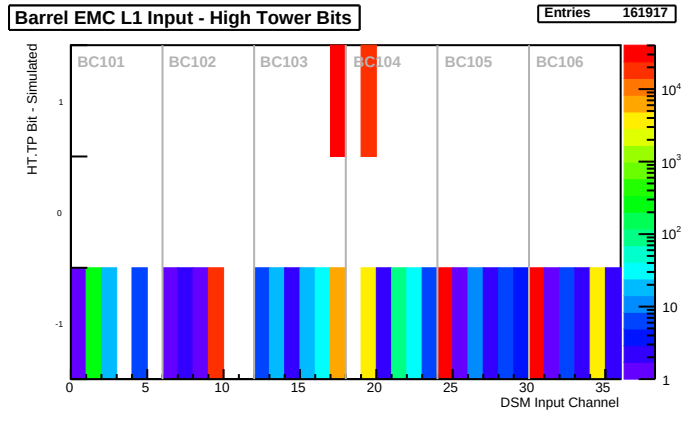

Barrel EMC L1 Input - High Eta Sum
Entries 1.8e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

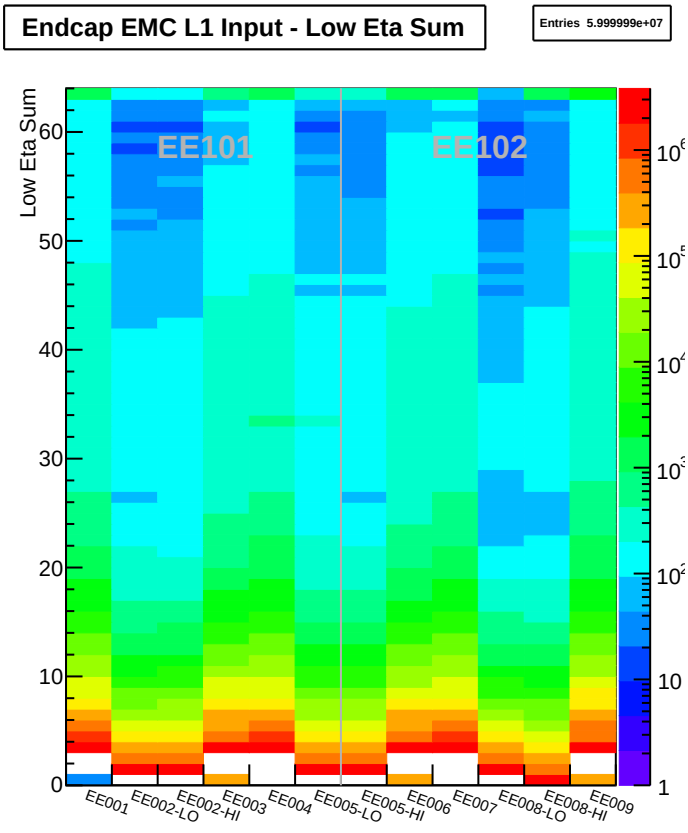

Barrel EMC L1 Input - High Eta Sum
Entries 203891
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

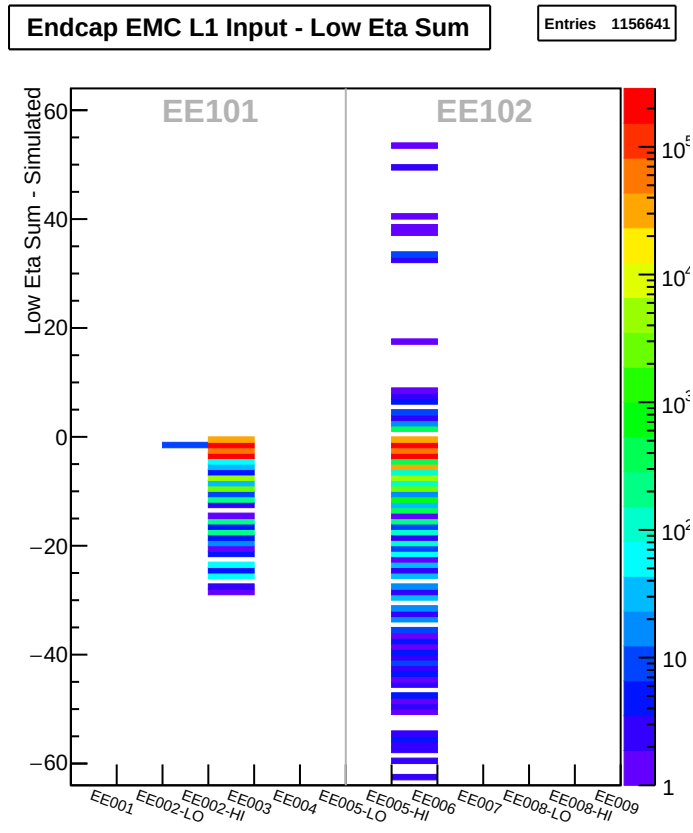

Barrel EMC L1 Input - High Tower Bits
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

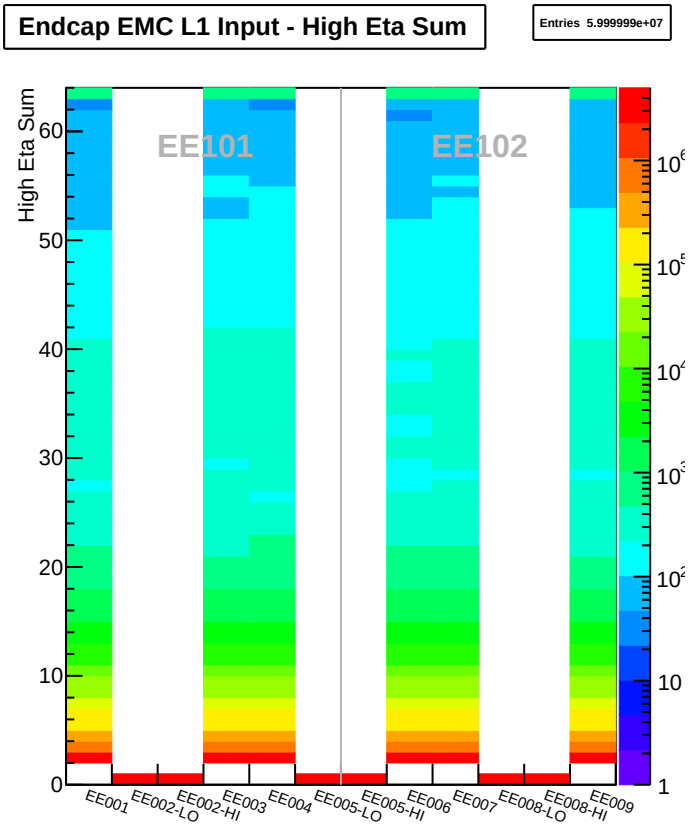

Barrel EMC L1 Input - High Tower Bits
Entries 163249
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

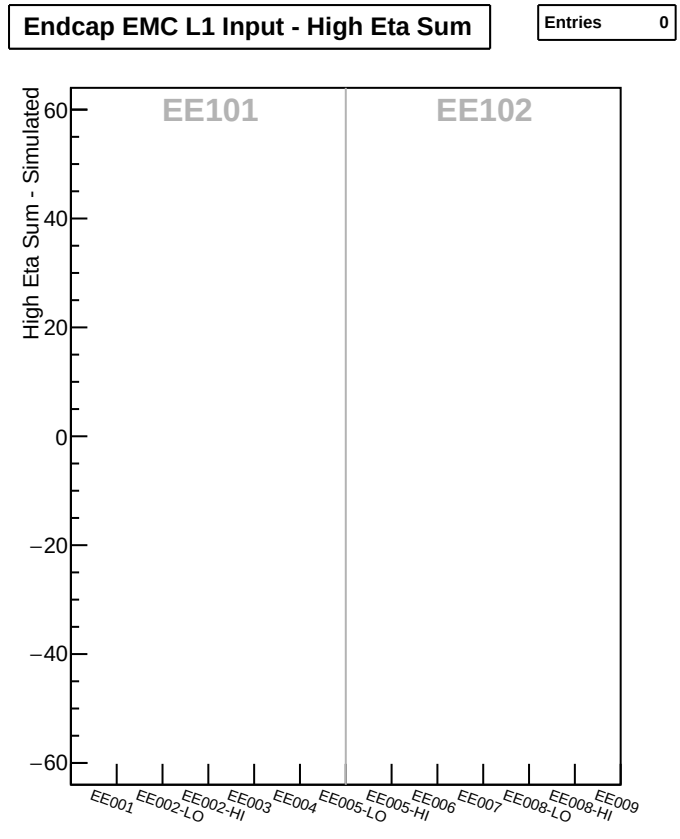

Barrel EMC L1 Input - HT.TP Bit
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

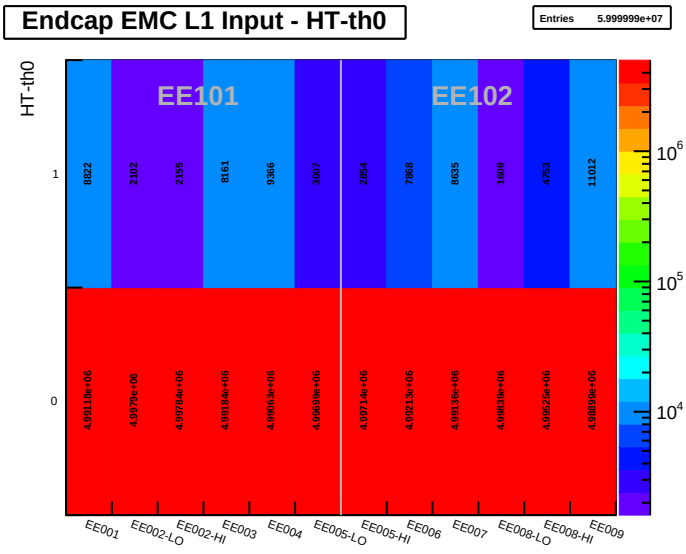

Barrel EMC L1 Input - High Tower Bits
Entries 161917
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

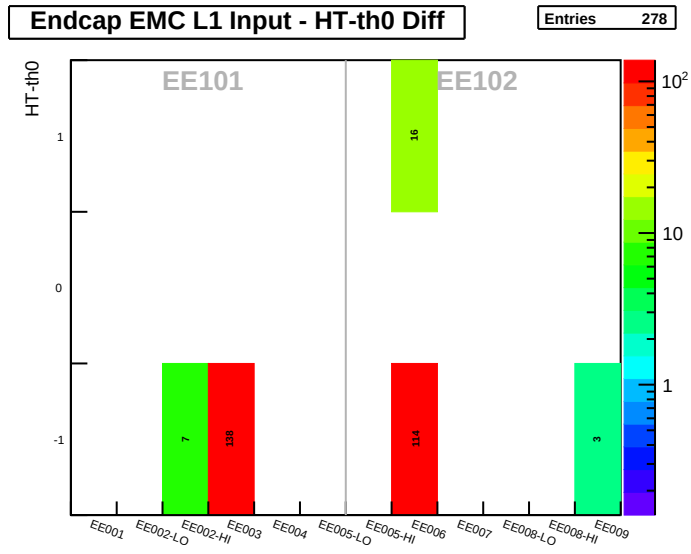

Endcap EMC L1 Input - Low Eta Sum
Entries 5.999999e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

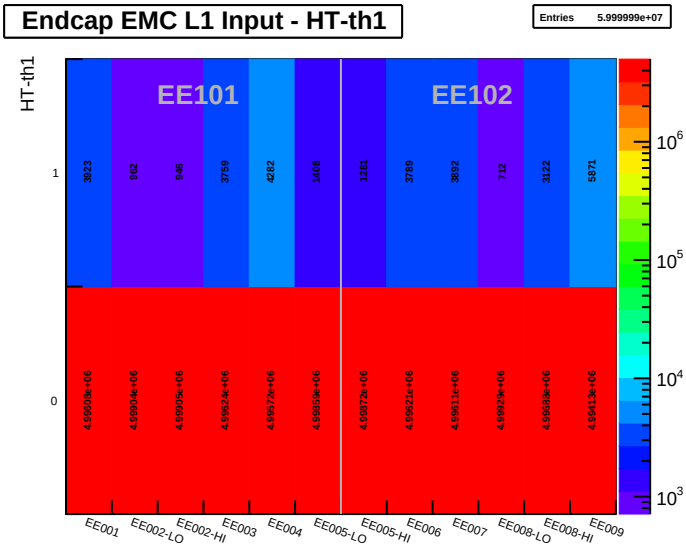

Endcap EMC L1 Input - Low Eta Sum
Entries 1156641
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

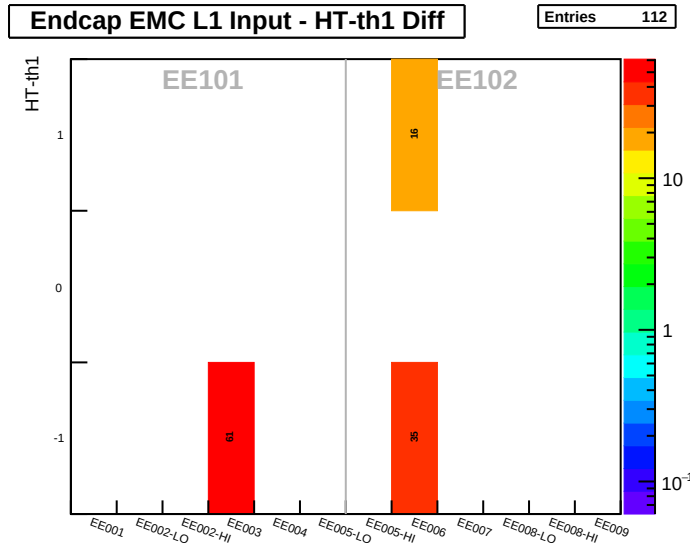

Endcap EMC L1 Input - High Eta Sum
Entries 5.999999e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

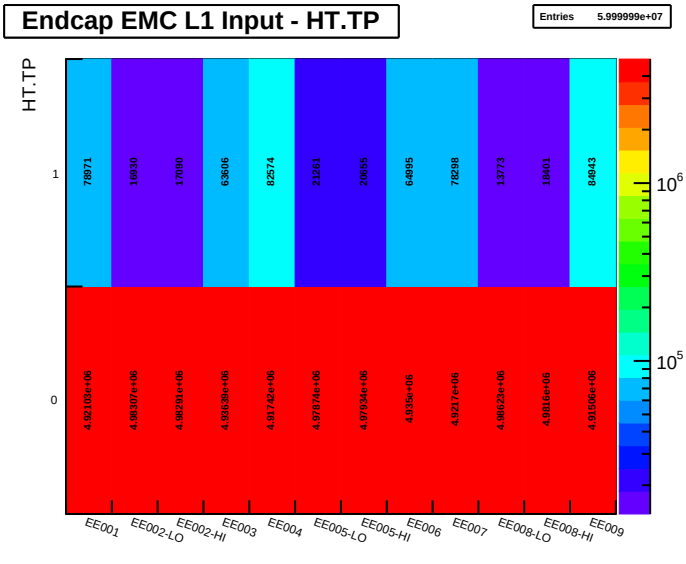

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

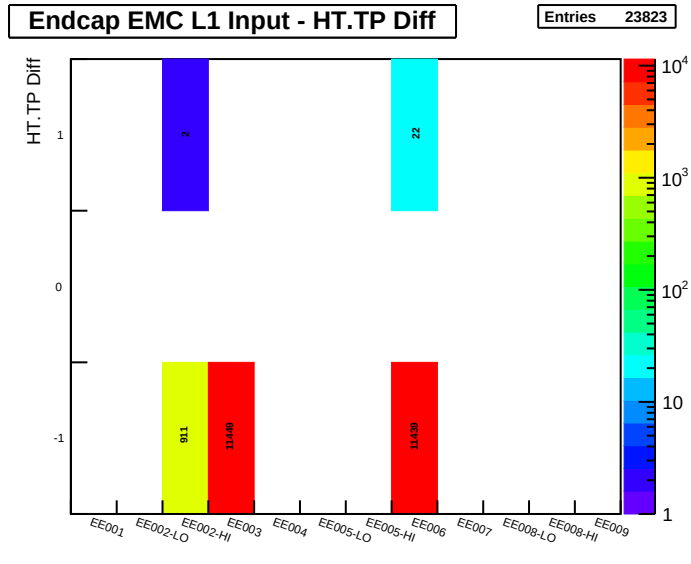

Endcap EMC L1 Input - HT-th0
Entries 5.999999e+07
HT-th0
EE101
EE102
8822
2102
2155
8161
9366
3007
2354
7868
8635
1609
4753
11012
4.99118e+06
4.9979e+06
4.99784e+06
4.99184e+06
4.99063e+06
4.99699e+06
4.99714e+06
4.99213e+06
4.99136e+06
4.99039e+06
4.99525e+06
4.98899e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

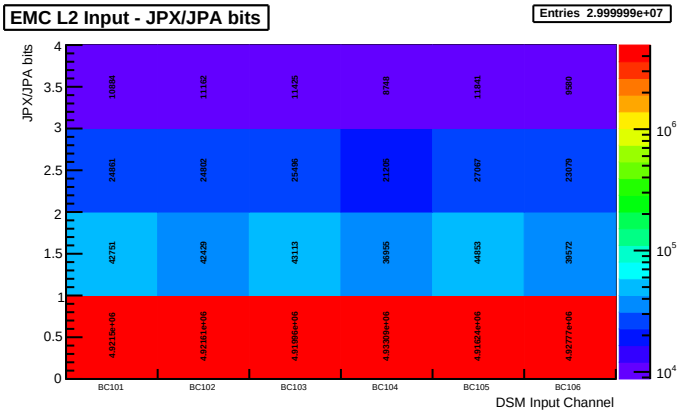

Endcap EMC L1 Input - HT-th0 Diff
Entries 278
HT-th0
EE101
EE102
16
7
138
114
3
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

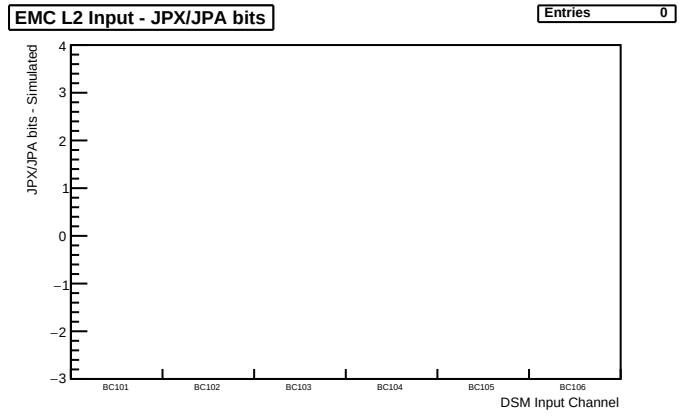

Endcap EMC L1 Input - HT-th1
Entries 5.999999e+07
HT-th1
EE101
EE102
3923
962
946
3759
4282
1408
1281
3789
3892
712
3122
5871
4.99608e+06
4.99904e+06
4.99905e+06
4.99624e+06
4.99572e+06
4.99859e+06
4.99872e+06
4.99621e+06
4.99611e+06
4.99029e+06
4.99689e+06
4.99413e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

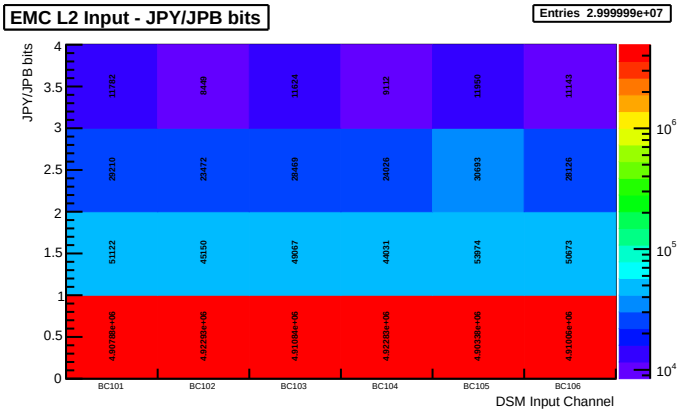

Endcap EMC L1 Input - HT-th1 Diff
Entries 112
HT-th1
EE101
EE102
16
61
35
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

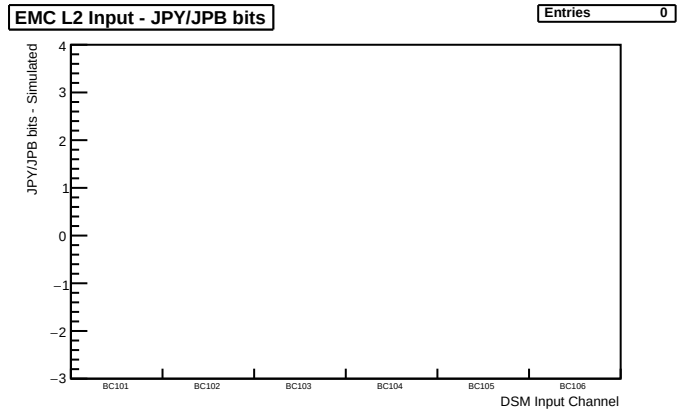

Endcap EMC L1 Input - HT.TP
Entries 5.999999e+07
HT.TP
78971
16930
17090
63606
82574
21261
20655
64995
78298
13773
18401
84943
4.92103e+06
4.98307e+06
4.98291e+06
4.93639e+06
4.91742e+06
4.97874e+06
4.97934e+06
4.935e+06
4.9217e+06
4.98623e+06
4.9816e+06
4.91506e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

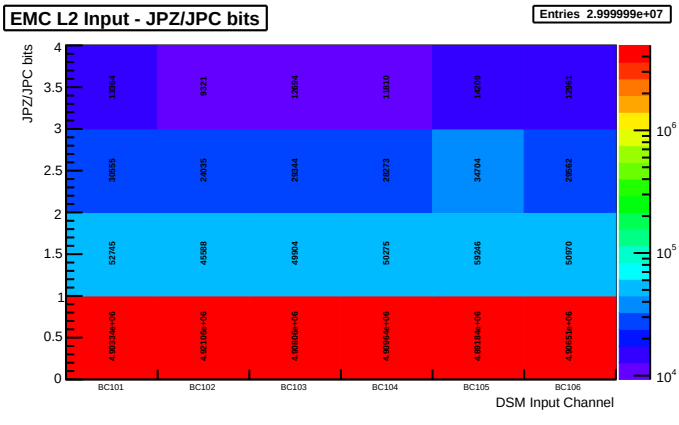

Endcap EMC L1 Input - HT.TP Diff
Entries 23823
HT.TP Diff
2
22
911
11440
11439
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

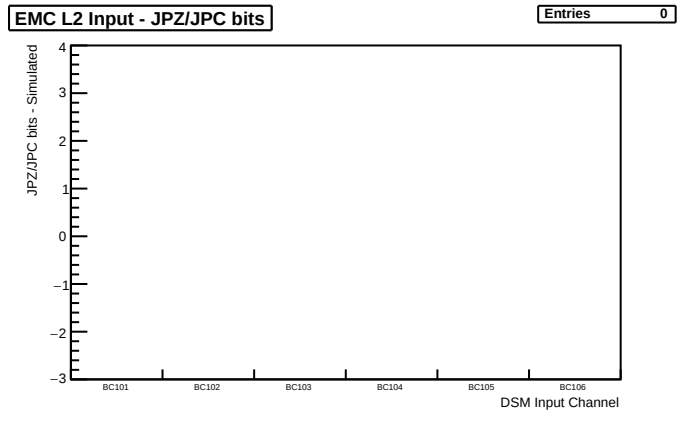

EMC L2 Input - JPX/JPA bits
Entries 2.999999e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10934
11142
11425
8748
11841
9980
24861
24902
25486
21205
27067
23079
42751
42429
43113
36955
44853
39572
4.9215e+06
4.9216e+06
4.9196e+06
4.9330e+06
4.9162e+06
4.9277e+06

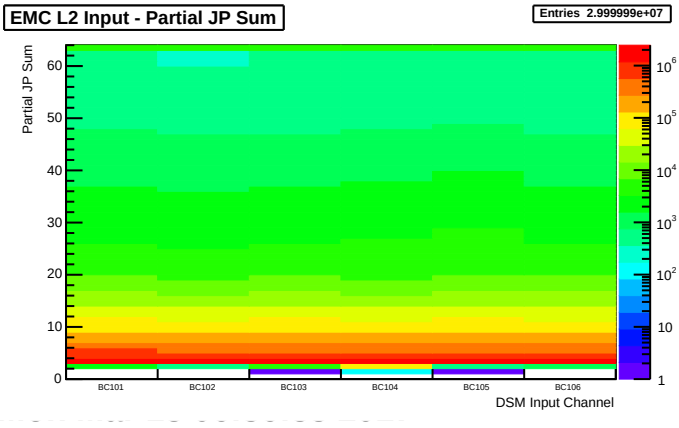

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

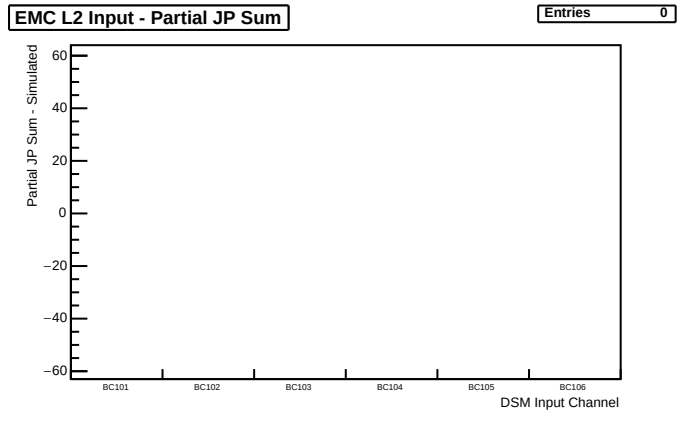

EMC L2 Input - JPY/JPB bits
Entries 2.999999e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11702
8449
11624
9112
11950
11143
29210
23472
29469
24026
30693
28126
51122
45150
49067
44031
53974
50673
4.9078e+06
4.9220e+06
4.9198e+06
4.9223e+06
4.9023e+06
4.9109e+06

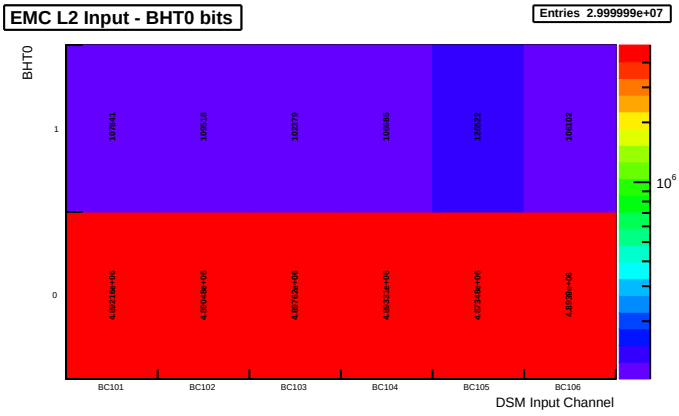

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

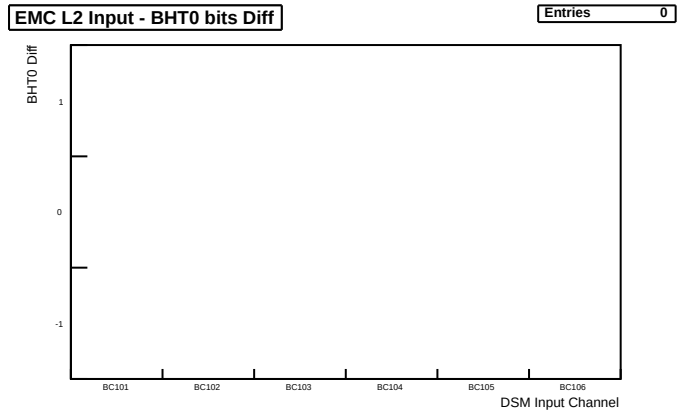

EMC L2 Input - JPZ/JPC bits
Entries 2.999999e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13334
9321
12934
11810
14509
12661
30555
24035
28944
28273
34704
28562
52745
45988
49904
50275
59246
50970
4.9034e+06
4.9210e+06
4.9089e+06
4.9095e+06
4.9019e+06
4.9063e+06

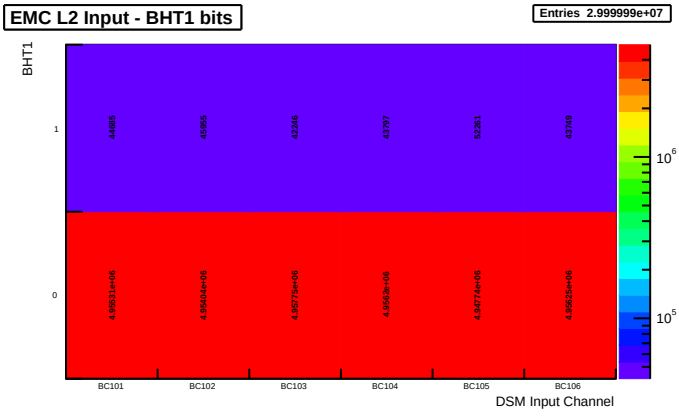

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

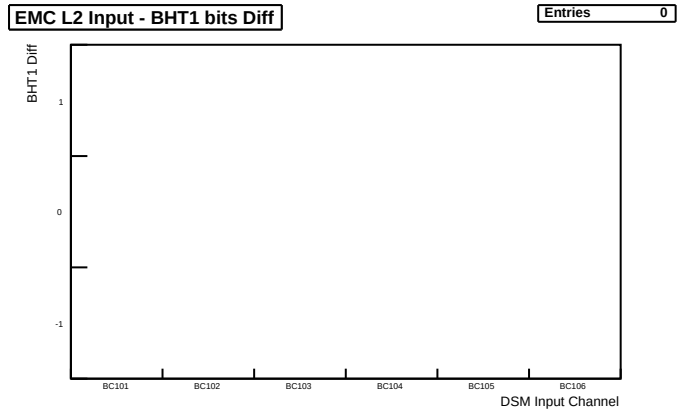

EMC L2 Input - Partial JP Sum
Entries 2.999999e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

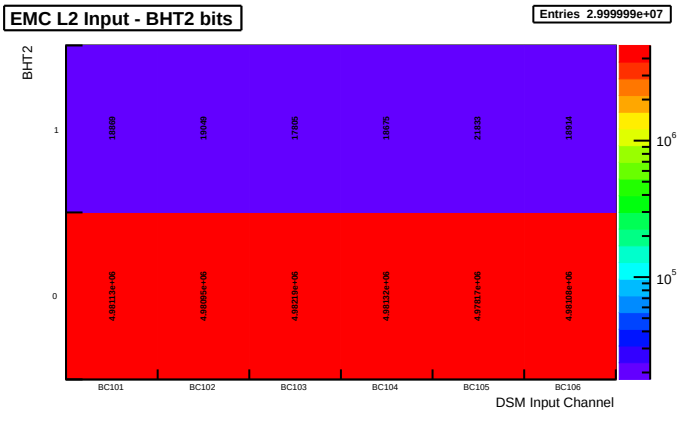

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

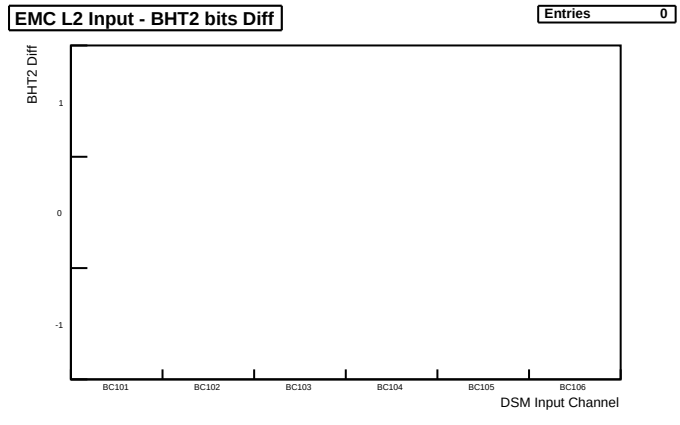

EMC L2 Input - BHT0 bits
Entries 2.999999e+07
BHT0
1
0
107941
109518
102379
106685
126522
106102
4.89219e+06
4.89048e+06
4.89762e+06
4.89331e+06
4.87348e+06
4.8939e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

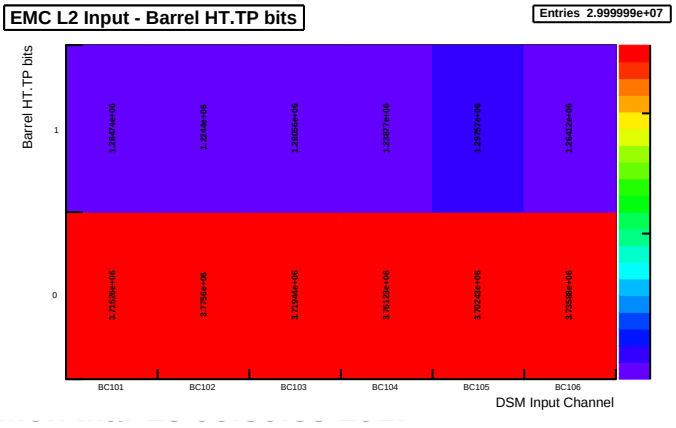

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

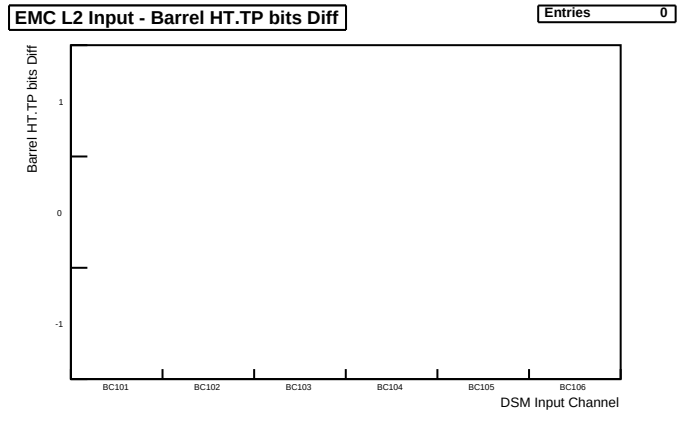

EMC L2 Input - BHT1 bits
Entries 2.999999e+07
BHT1
1
0
44685
45955
42246
43797
52651
43749
4.95331e+06
4.95404e+06
4.95775e+06
4.95526e+06
4.94774e+06
4.95925e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

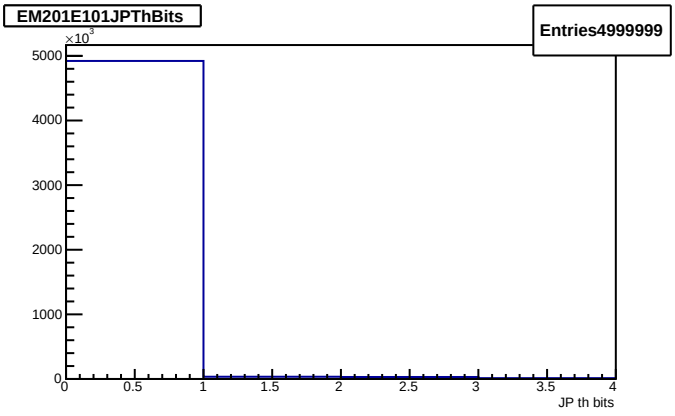

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

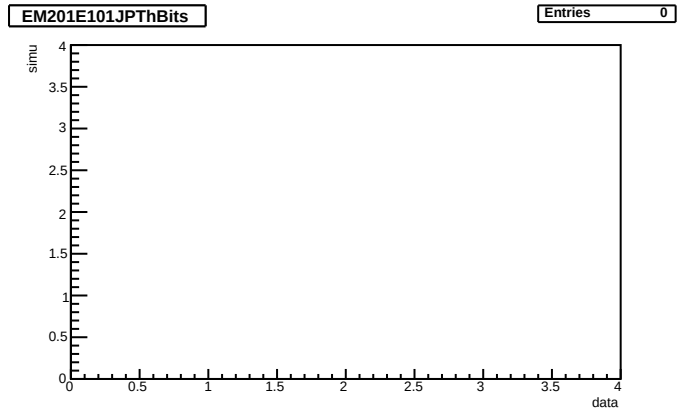

EMC L2 Input - BHT2 bits
Entries 2.999999e+07
BHT2
1
0
18369
19049
17305
18675
21333
18314
4.98113e+06
4.98055e+06
4.98219e+06
4.98132e+06
4.97817e+06
4.98168e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

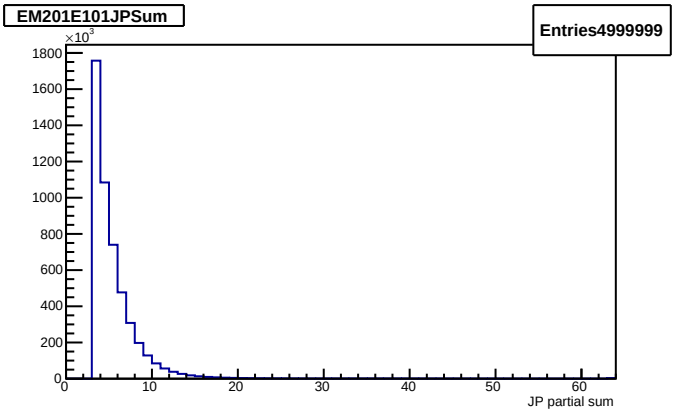

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

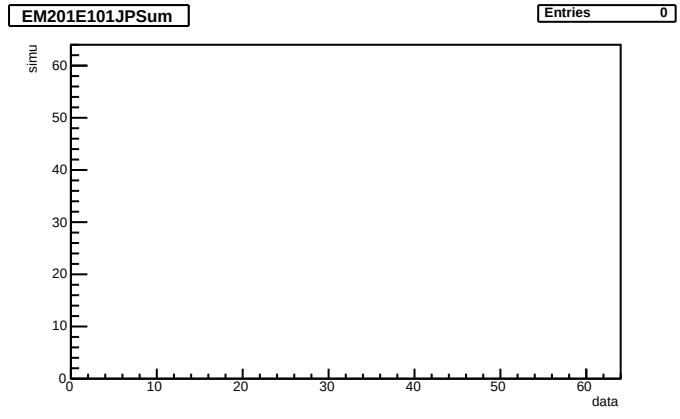

EMC L2 Input - Barrel HT.TP bits
Entries 2.999999e+07
Barrel HT.TP bits
1
0
1.24474e+06
1.2244e+06
1.26056e+06
1.23977e+06
1.29757e+06
1.26412e+06
3.71528e+06
3.7754e+06
3.71944e+06
3.76122e+06
3.70243e+06
3.73588e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

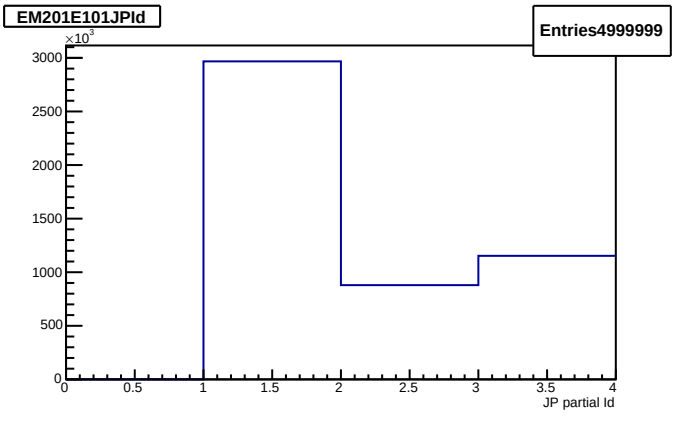

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

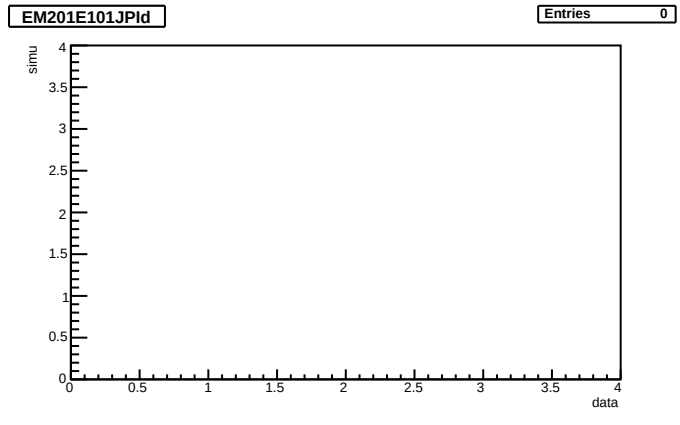

EM201E101JPThBits
Entries4999999
JP th bits

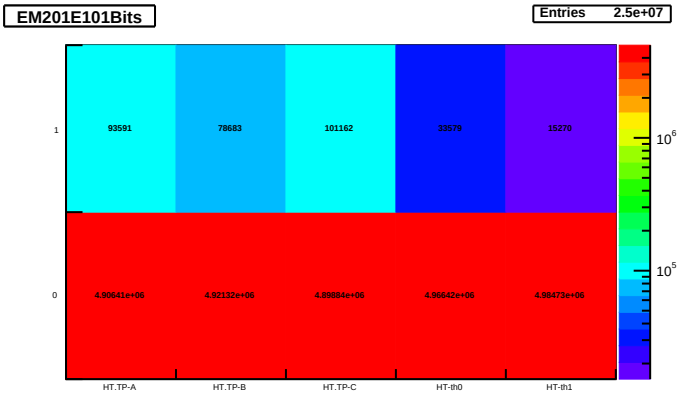

EM201E101JPThBits
Entries 0
simu
data

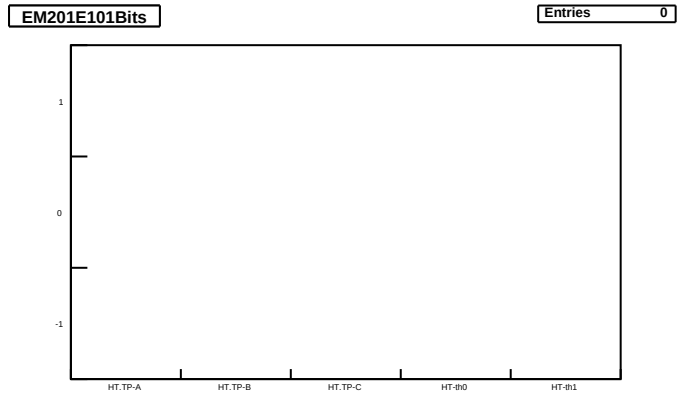

EM201E101JPSum
Entries4999999
JP partial sum

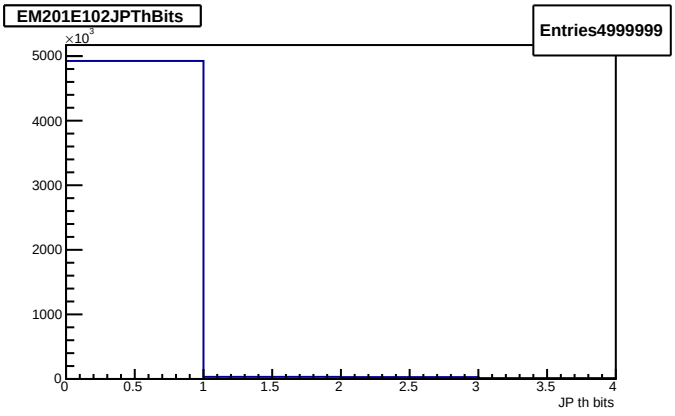

EM201E101JPSum
Entries 0
simu
data

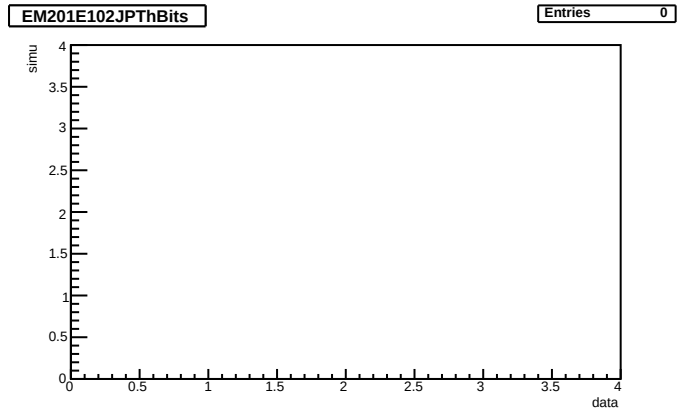

EM201E101JPId
Entries4999999
JP partial Id

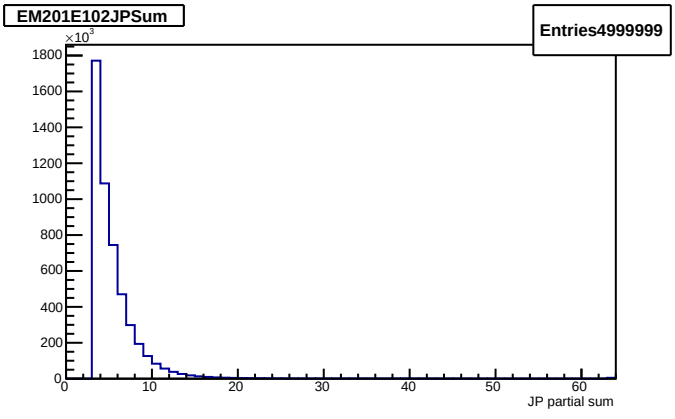

EM201E101JPId
Entries 0
simu
data

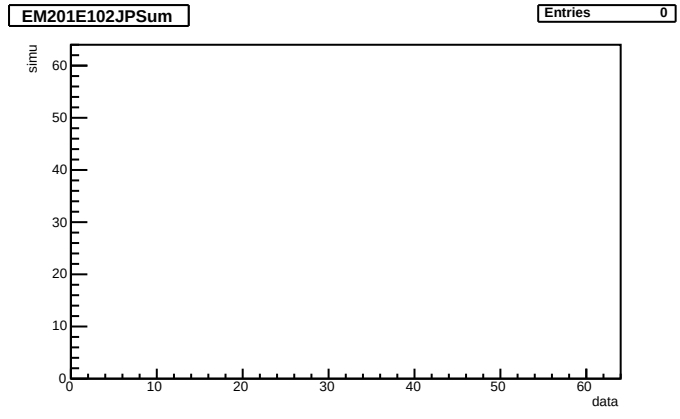

EM201E101Bits
Entries 2.5e+07
93591
78683
101162
33579
15270
4.90641e+06
4.92132e+06
4.89884e+06
4.96642e+06
4.98473e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

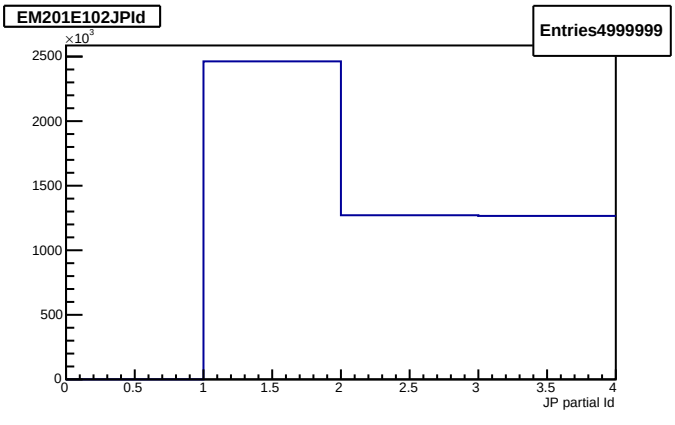

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

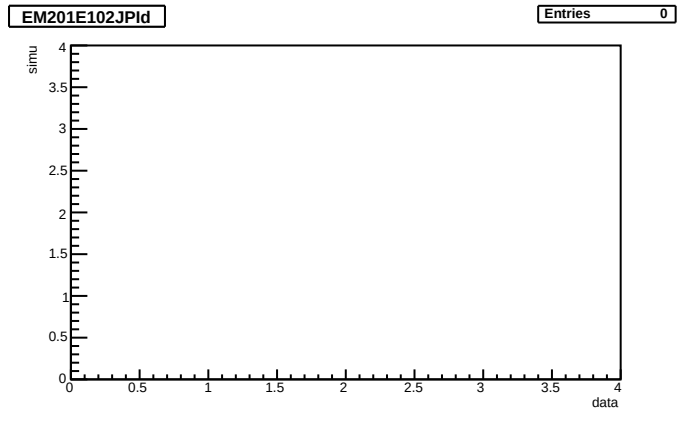

EM201E102JPThBits
Entries4999999
×10^3
5000
4000
3000
2000
1000
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP th bits

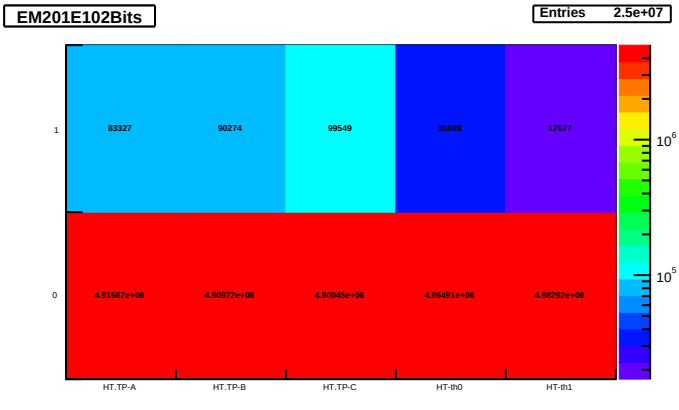

EM201E102JPThBits
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

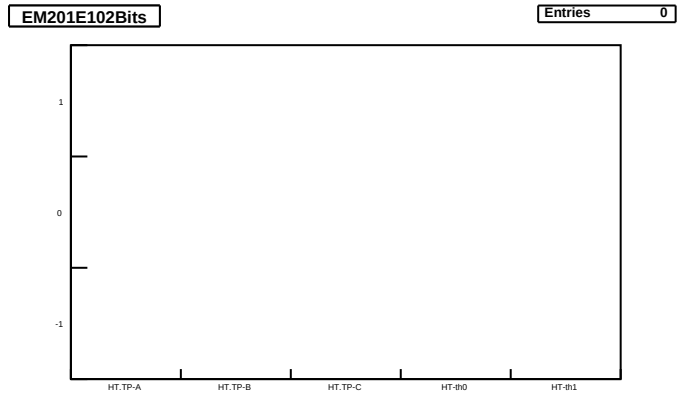

EM201E102JPSum
Entries4999999
×10^3
1800
1600
1400
1200
1000
800
600
400
200
0
0 10 20 30 40 50 60
JP partial sum

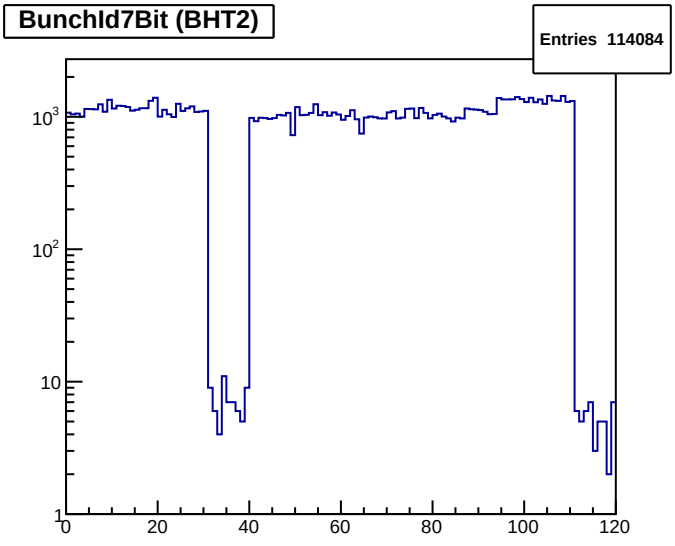

EM201E102JPSum
Entries 0
simu
60 50 40 30 20 10 0
0 10 20 30 40 50 60
data

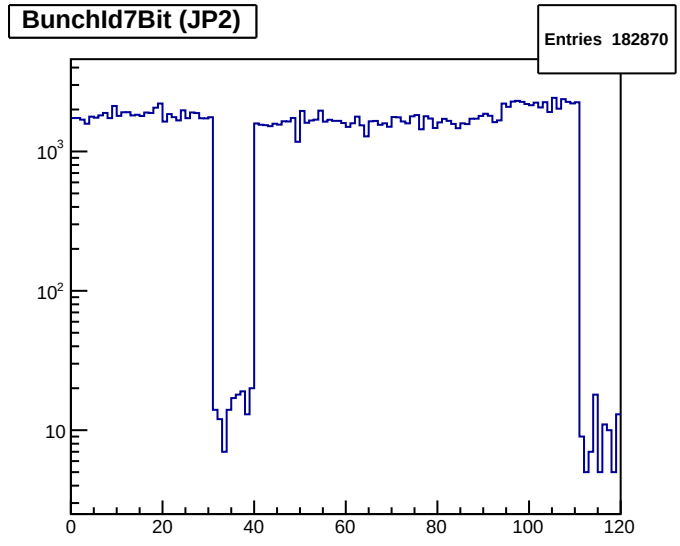

EM201E102JPId
Entries4999999
×10^3
2500
2000
1500
1000
500
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP partial Id

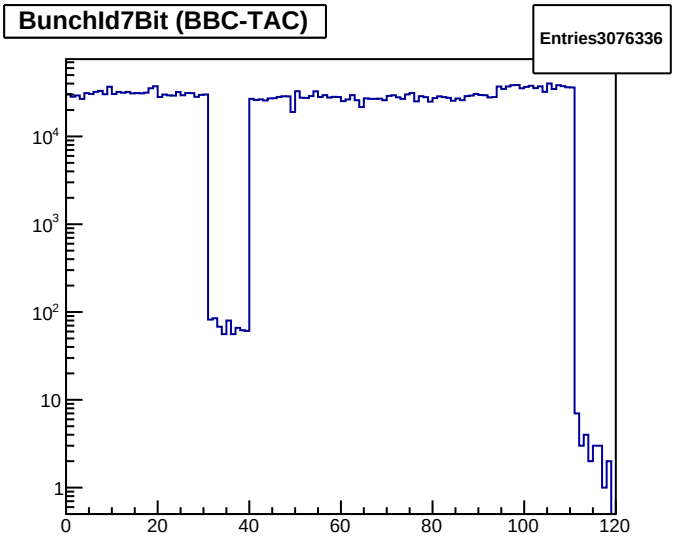

EM201E102JPId
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

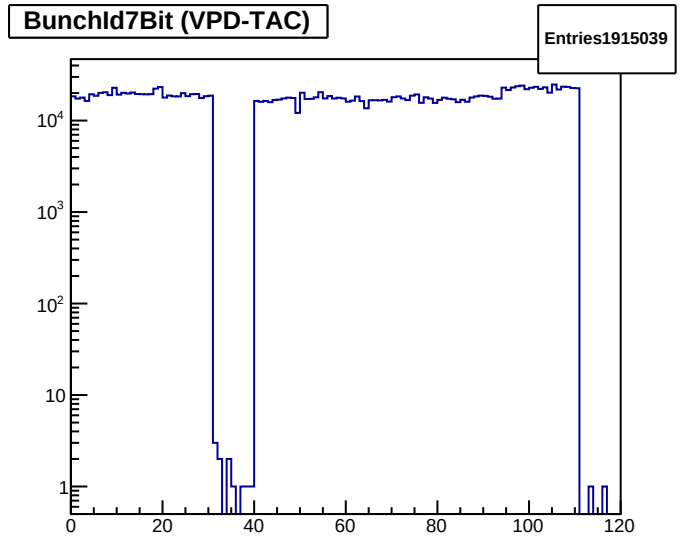

EM201E102Bits
Entries 2.5e+07
1
0
83327
90274
99549
35089
17077
4.91667e+06
4.90972e+06
4.90045e+06
4.96491e+06
4.98292e+06
10^6
10^5
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

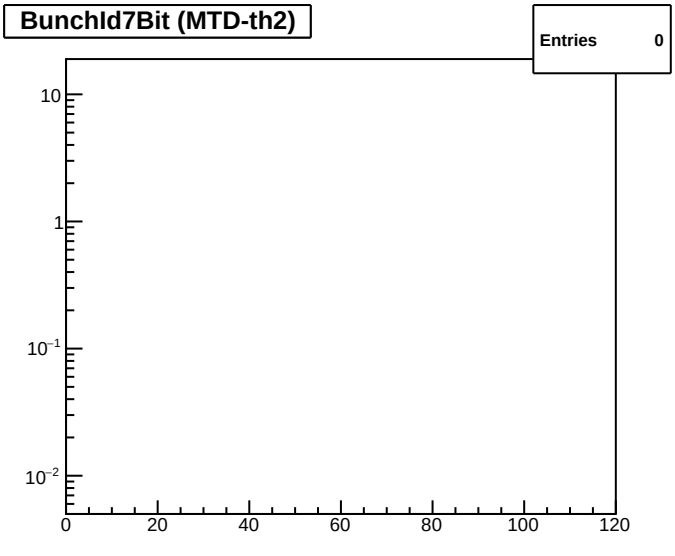

EM201E102Bits
Entries 0
1
0
-1
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

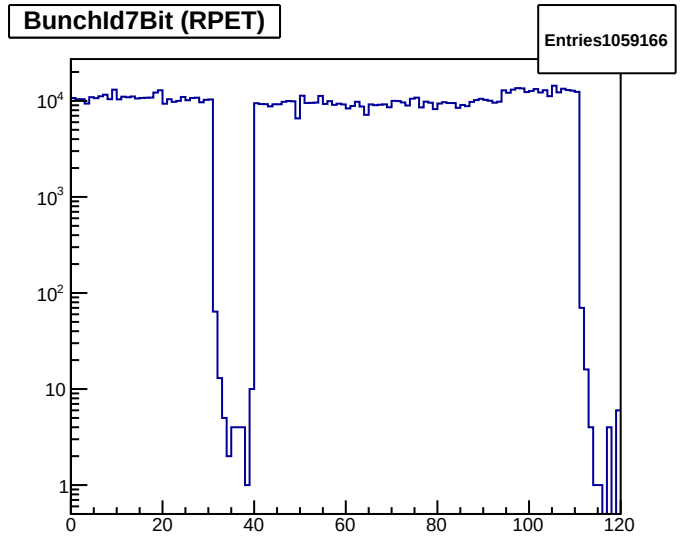

BunchId7Bit (BHT2)
Entries 114084

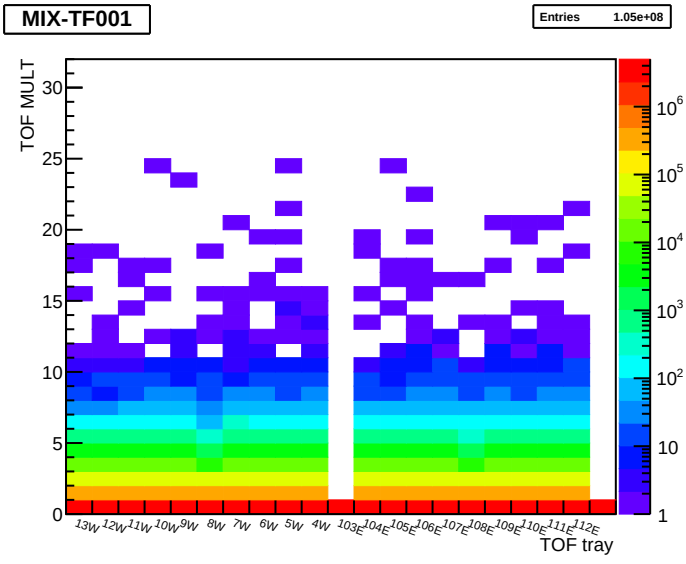

BunchId7Bit (JP2)
Entries 182870

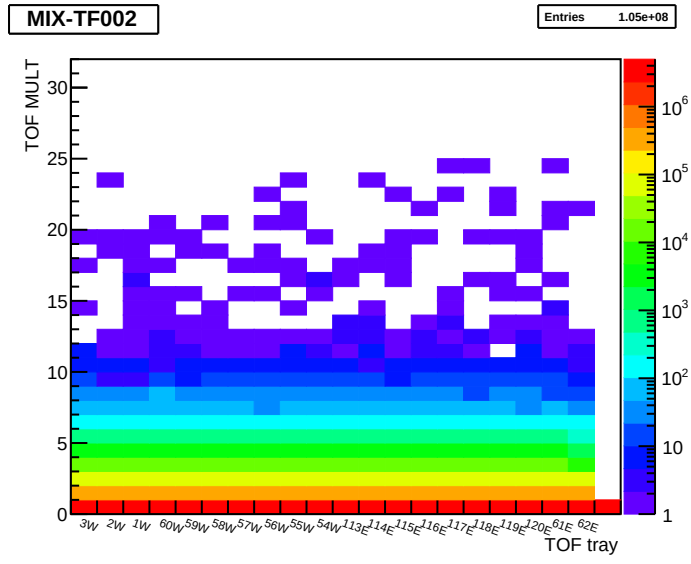

BunchId7Bit (BBC-TAC)
Entries3076336

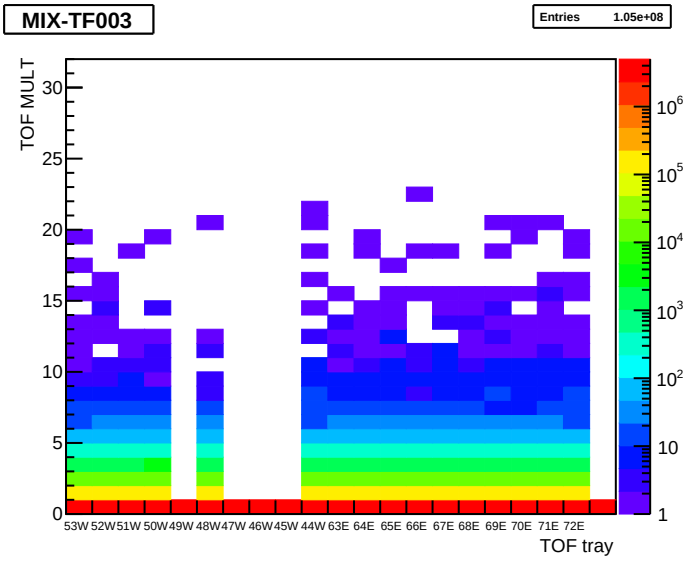

BunchId7Bit (VPD-TAC)
Entries1915039

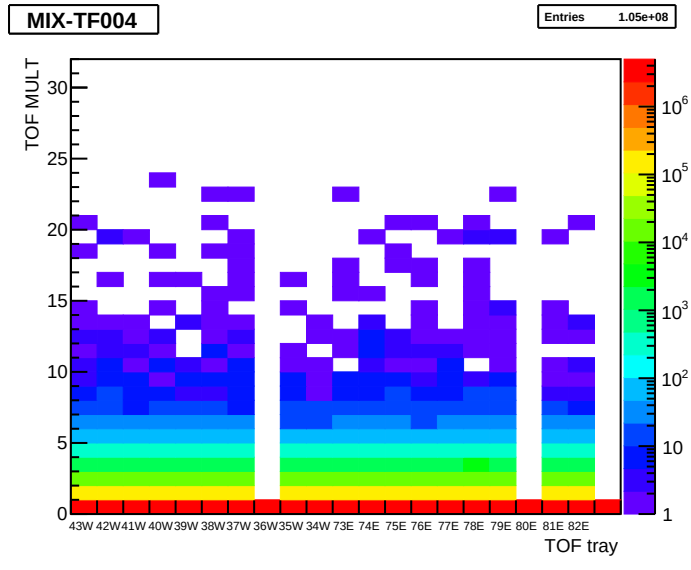

BunchId7Bit (MTD-th2)
Entries 0

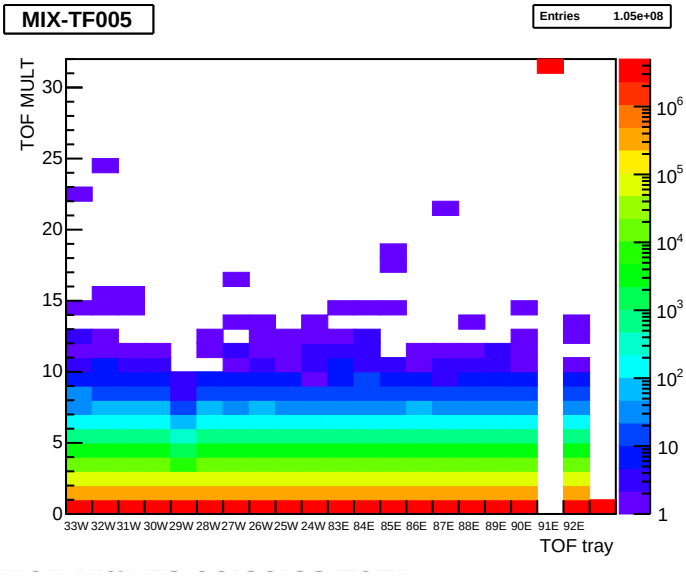

BunchId7Bit (RPET)
Entries1059166

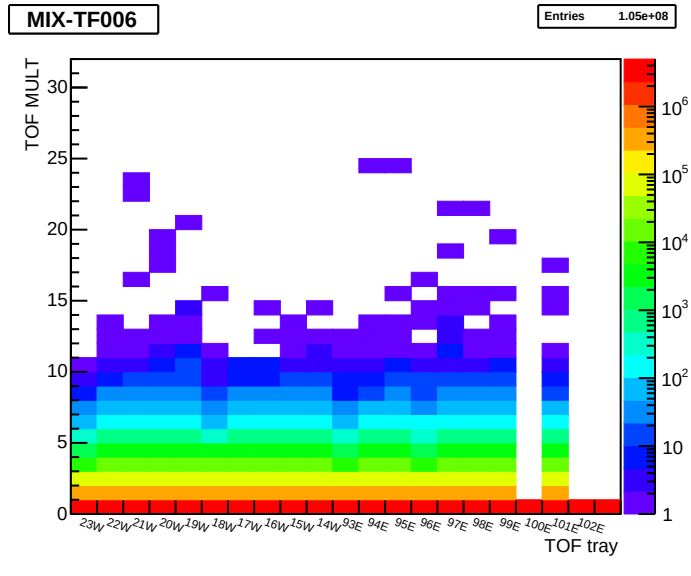

MIX-TF001
Entries 1.05e+08
TOF MULT
TOF tray

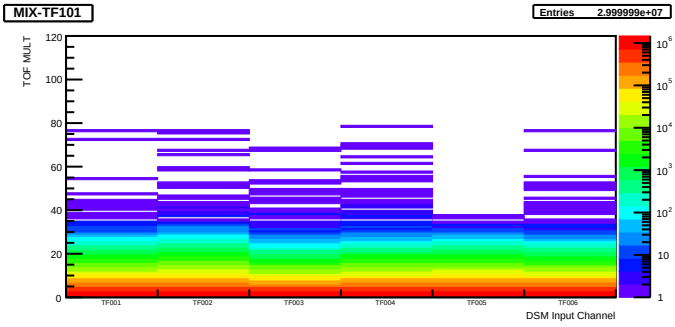

MIX-TF002
Entries 1.05e+08
TOF MULT
TOF tray

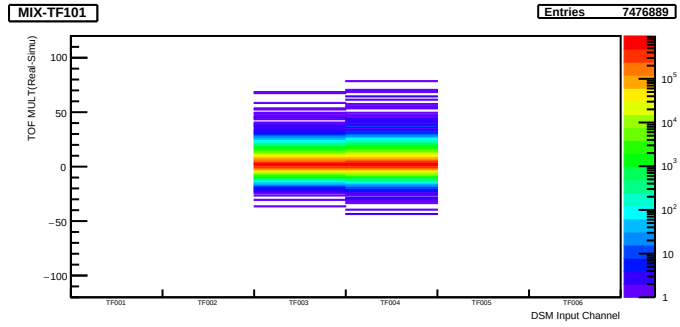

MIX-TF003
Entries 1.05e+08
TOF MULT
TOF tray

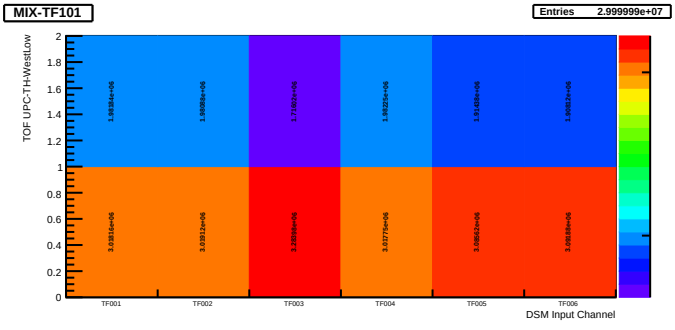

MIX-TF004
Entries 1.05e+08
TOF MULT
TOF tray

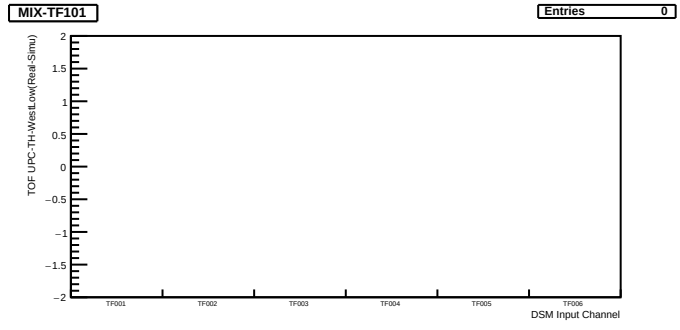

MIX-TF005
Entries 1.05e+08
TOF MULT
TOF tray

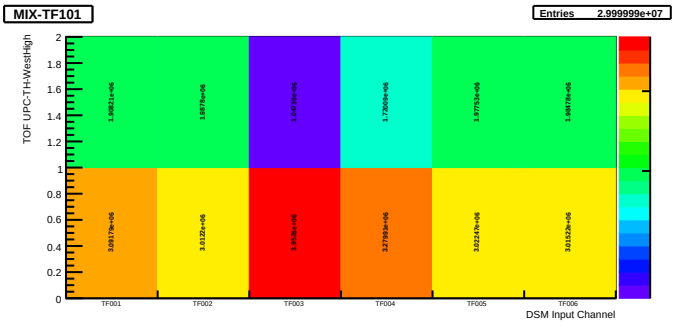

MIX-TF006
Entries 1.05e+08
TOF MULT
TOF tray

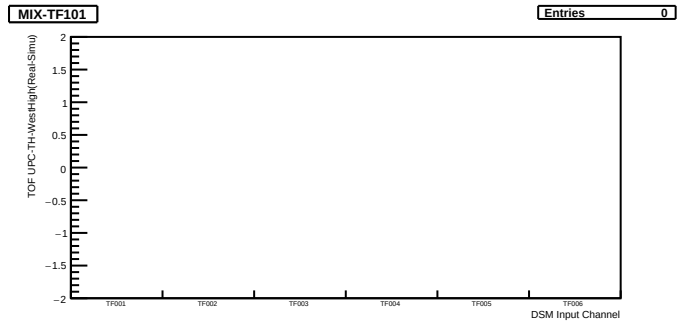

MIX-TF101
Entries 2.999999e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

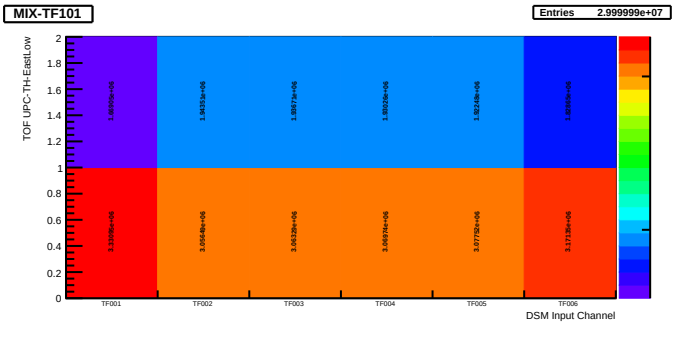

MIX-TF101
Entries 7476889
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

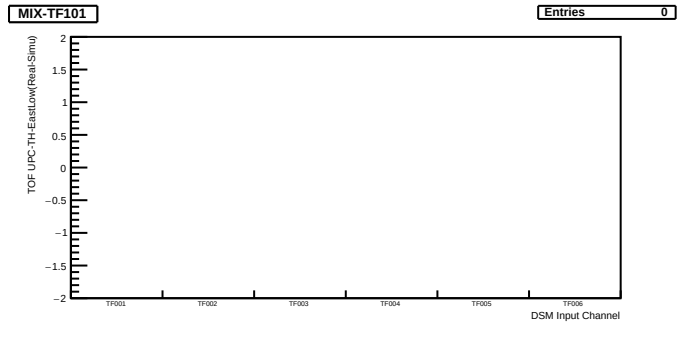

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

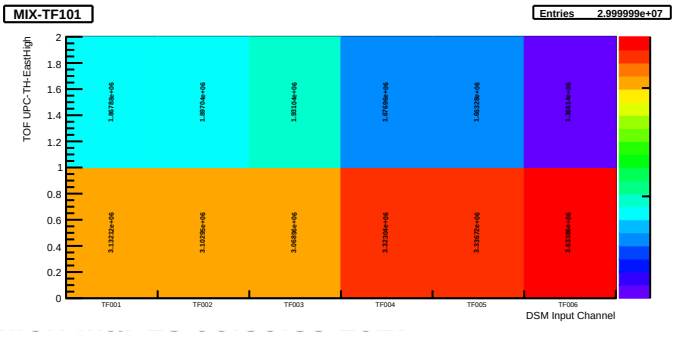

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

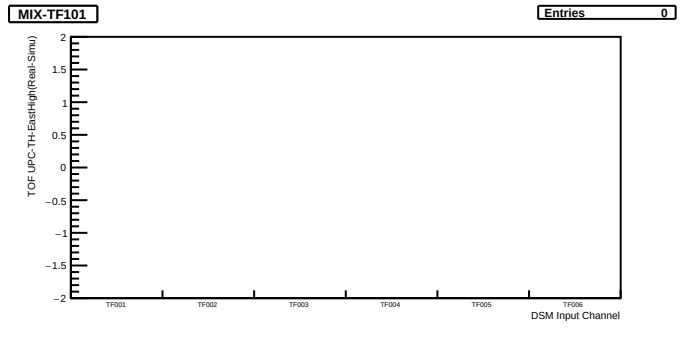

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

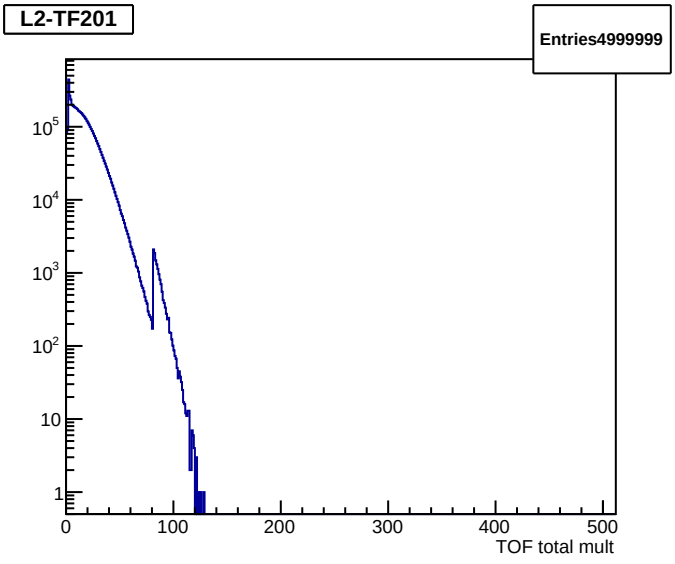

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

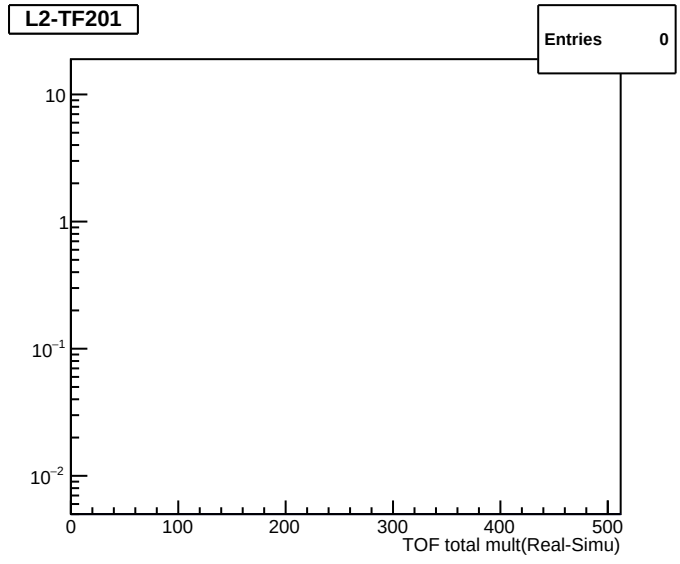

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

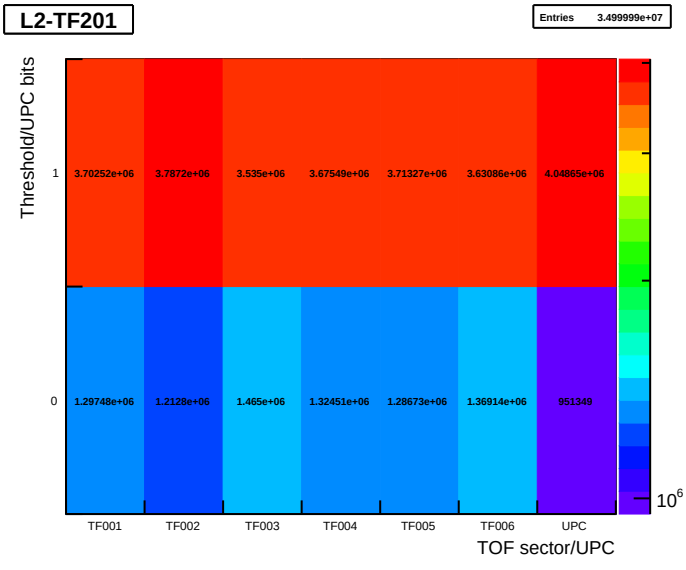

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

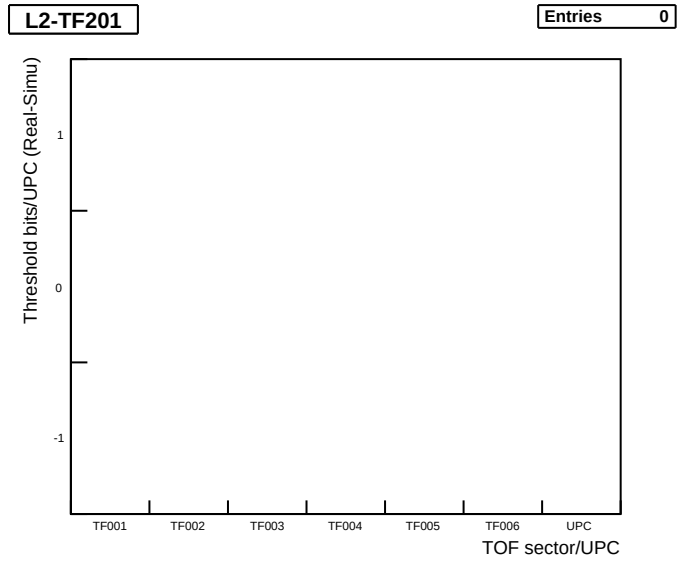

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

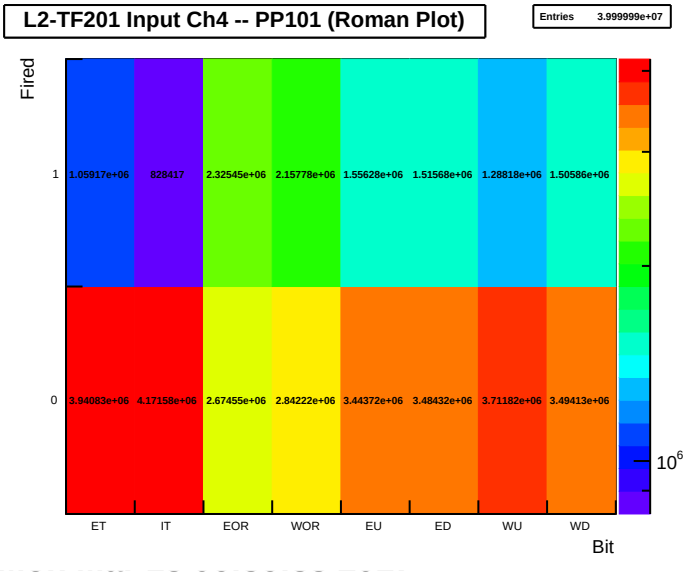

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

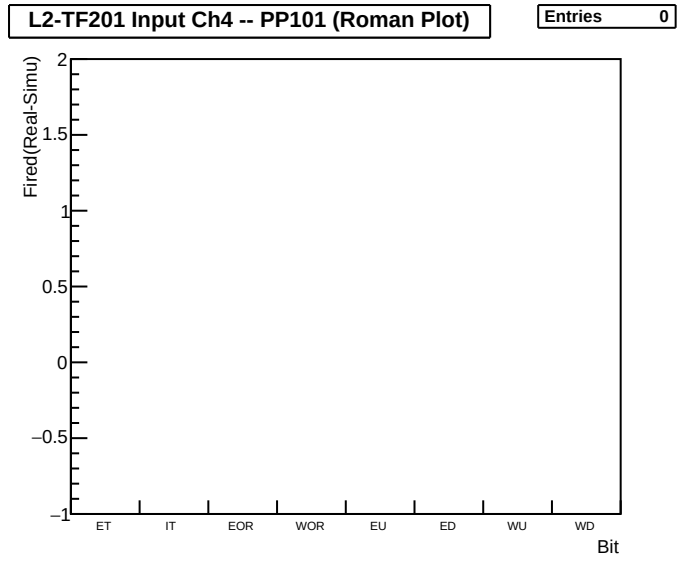

L2-TF201
Entries4999999
TOF total mult

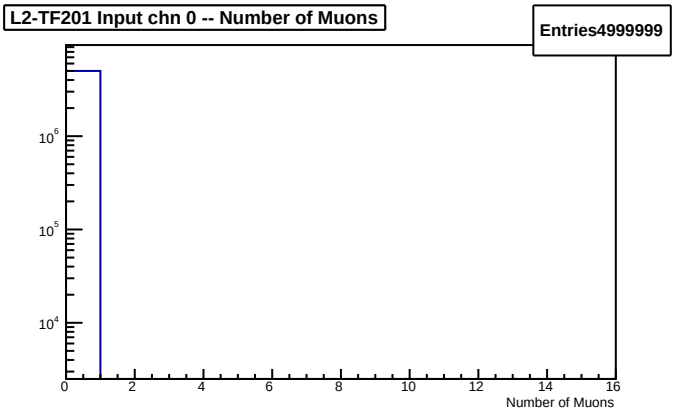

L2-TF201
Entries 0
TOF total mult(Real-Simu)

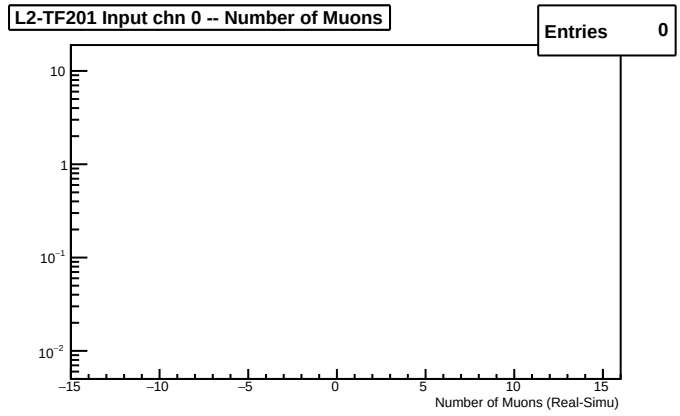

L2-TF201
Entries 3.499999e+07
Threshold/UPC bits
3.70252e+06
3.7872e+06
3.535e+06
3.67549e+06
3.71327e+06
3.63086e+06
4.04865e+06
1.29748e+06
1.2128e+06
1.465e+06
1.32451e+06
1.28673e+06
1.36914e+06
951349
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

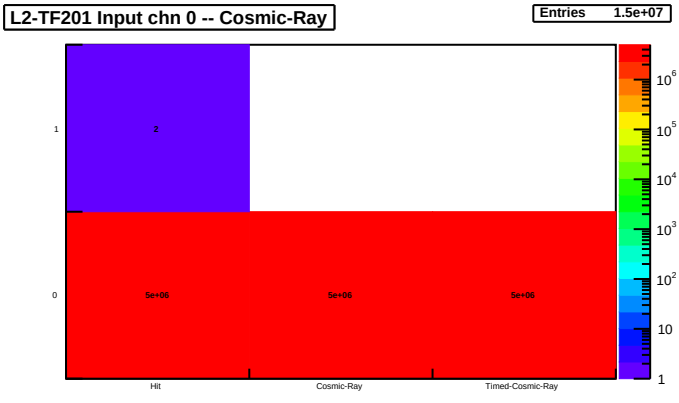

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

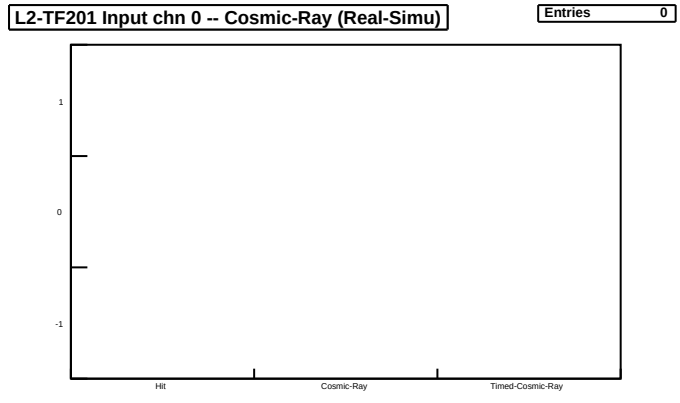

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.999999e+07
Fired
1.05917e+06
828417
2.32545e+06
2.15778e+06
1.55628e+06
1.51568e+06
1.28818e+06
1.50586e+06
3.94083e+06
4.17158e+06
2.67455e+06
2.84222e+06
3.44372e+06
3.48432e+06
3.71182e+06
3.49413e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

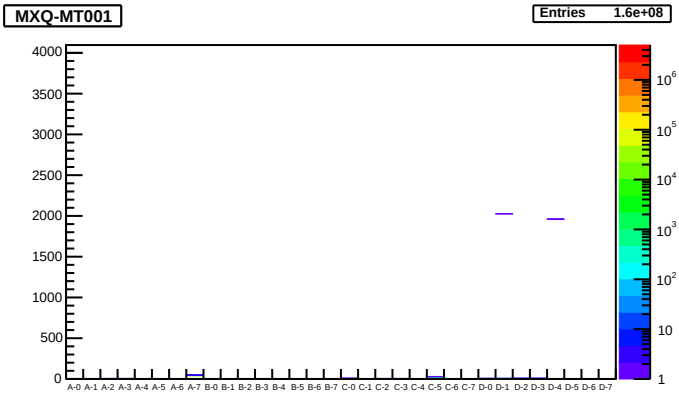

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

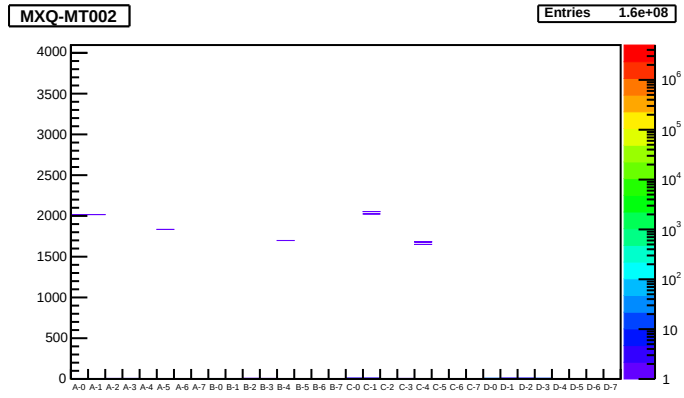

L2-TF201 Input chn 0 -- Number of Muons
Entries4999999
Number of Muons

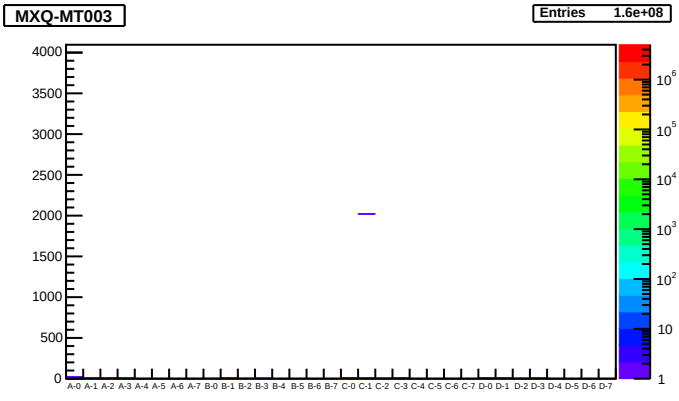

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

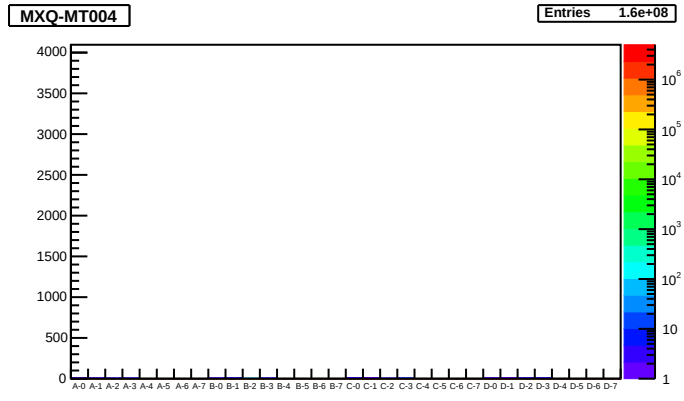

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.5e+07
Hit
Cosmic-Ray
Timed-Cosmic-Ray

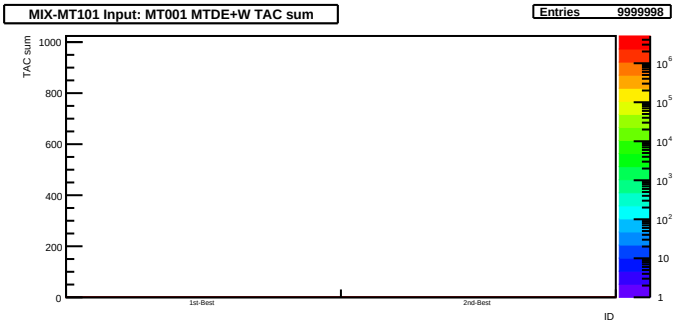

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

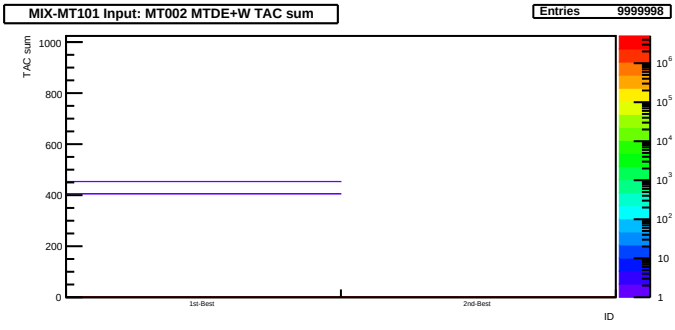

MXQ-MT001
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

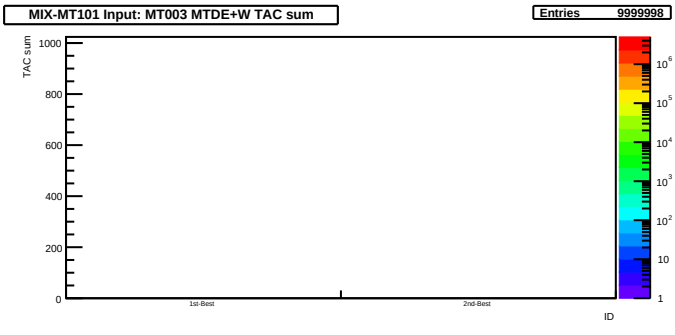

MXQ-MT002
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

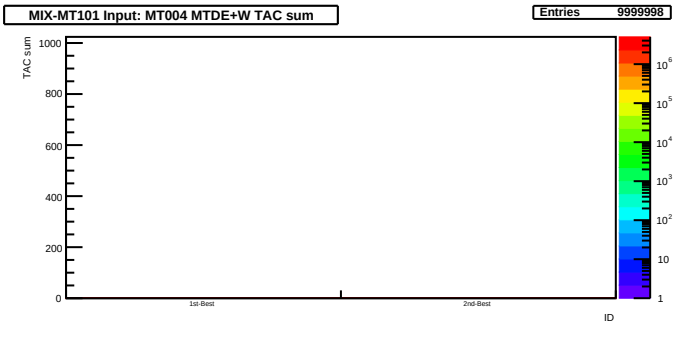

MXQ-MT003
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

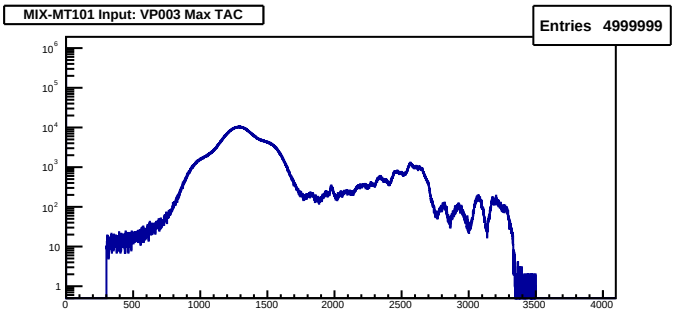

MXQ-MT004
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

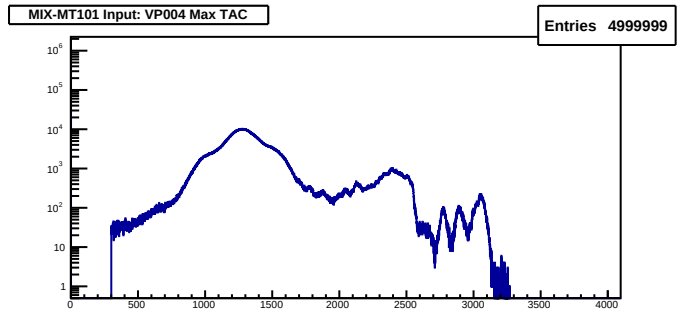

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

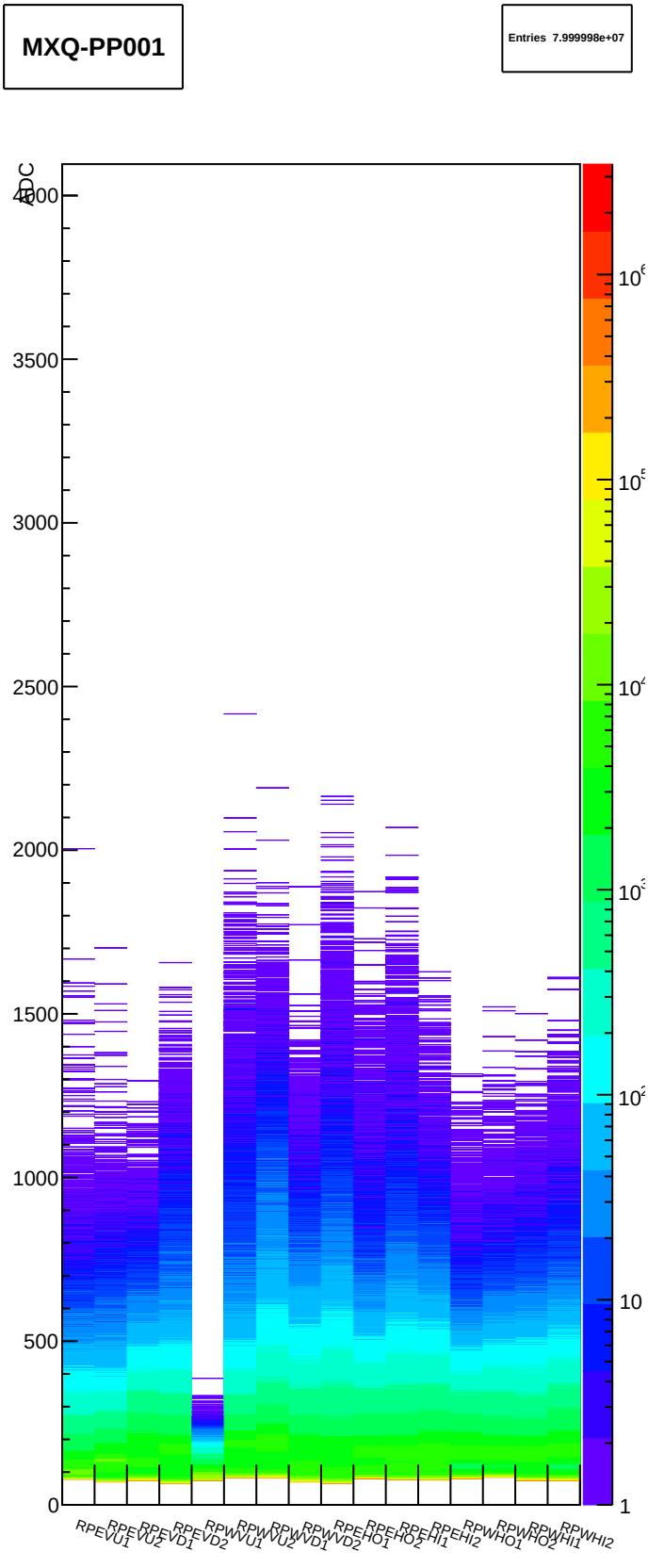

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

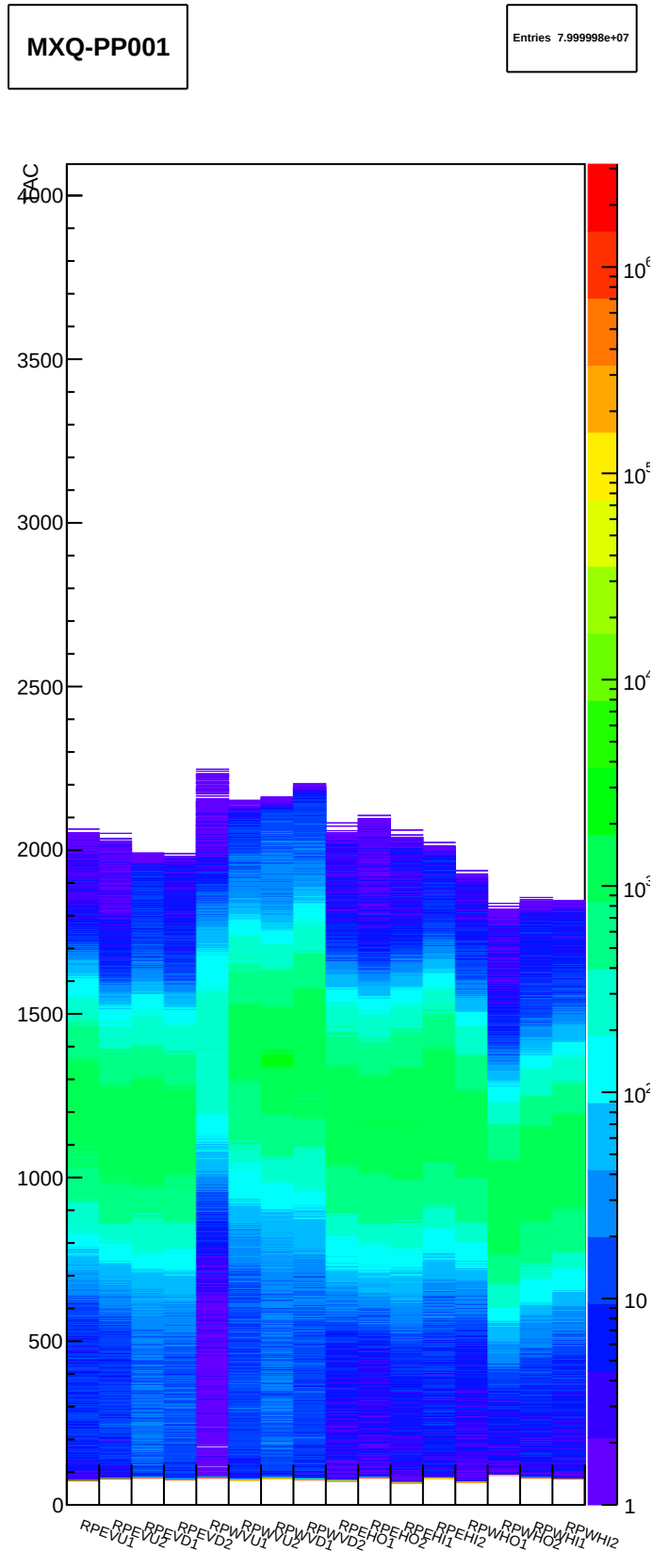

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

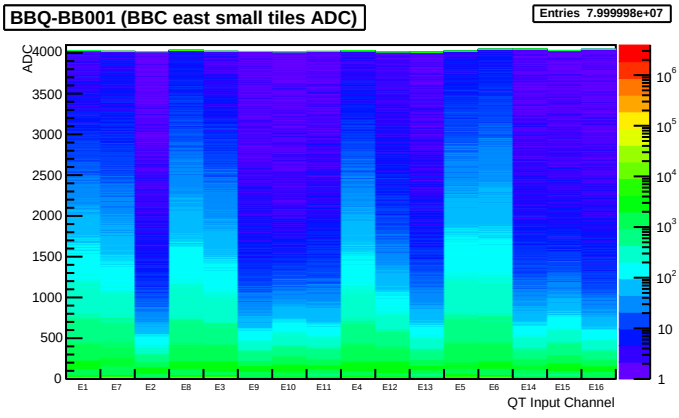

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

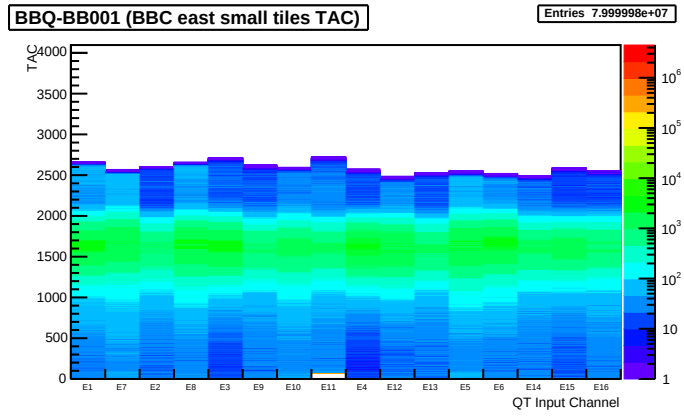

MIX-MT101 Input: VP003 Max TAC
Entries 4999999

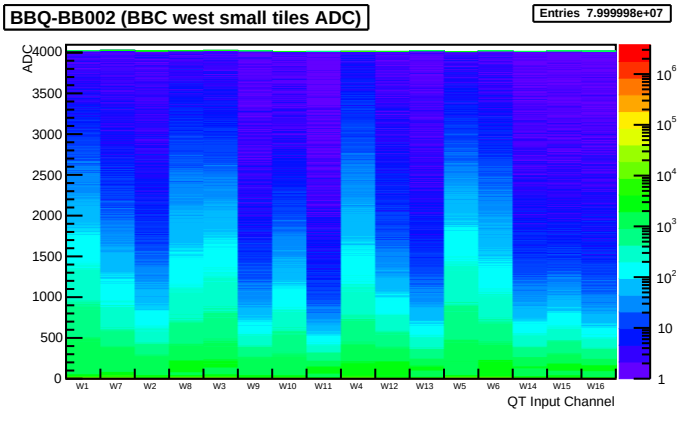

MIX-MT101 Input: VP004 Max TAC
Entries 4999999

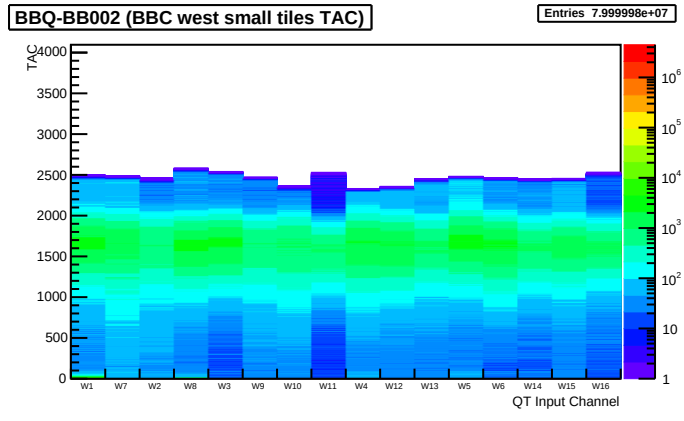

MXQ-PP001
Entries 7.999998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

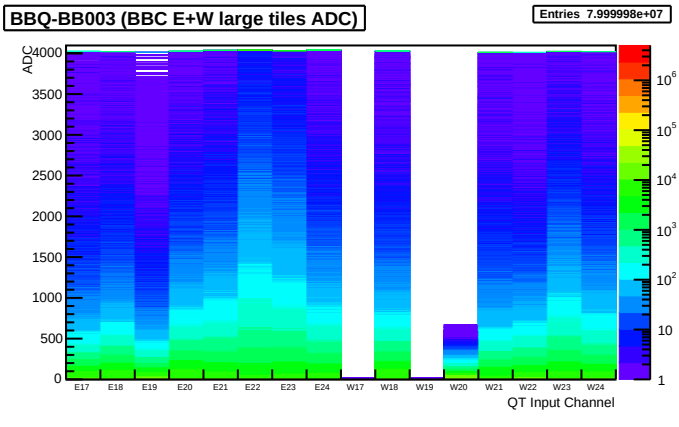

MXQ-PP001
Entries 7.999998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

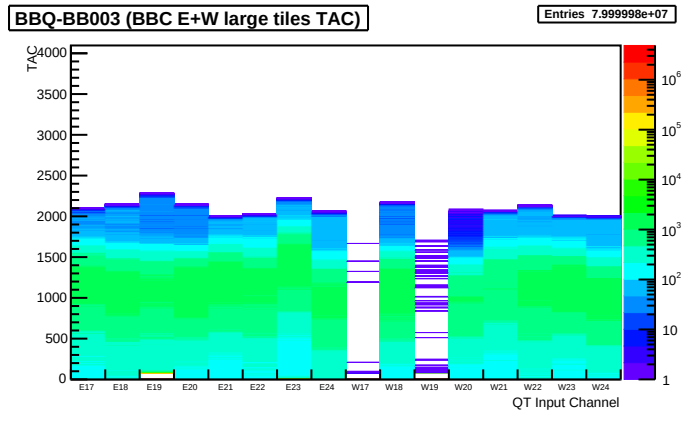

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

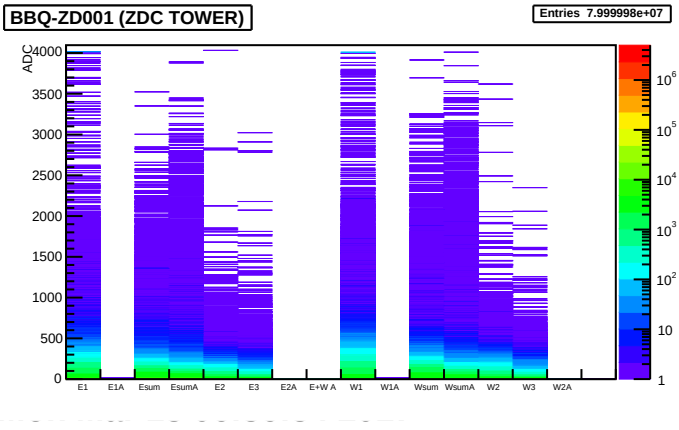

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

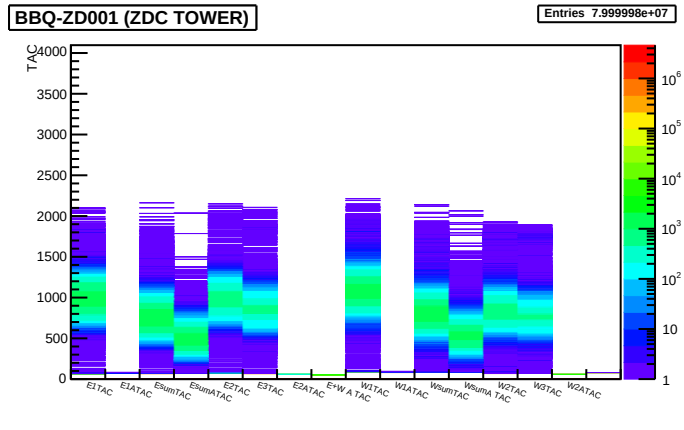

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

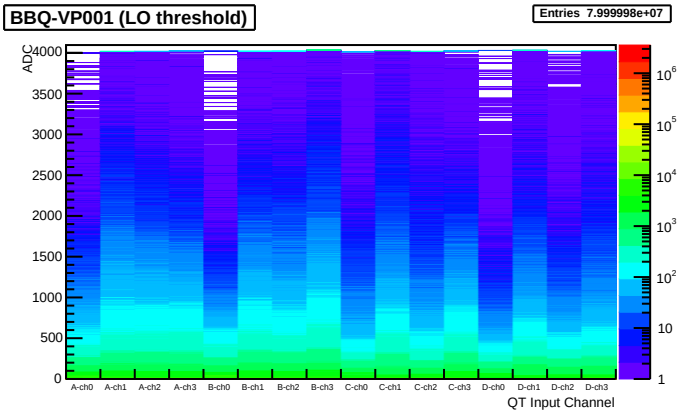

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

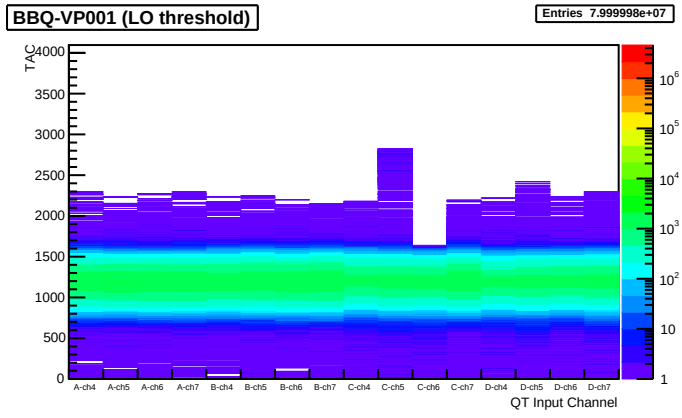

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

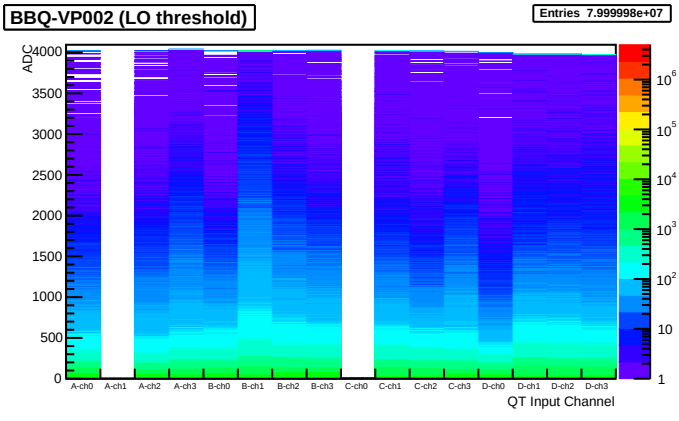

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

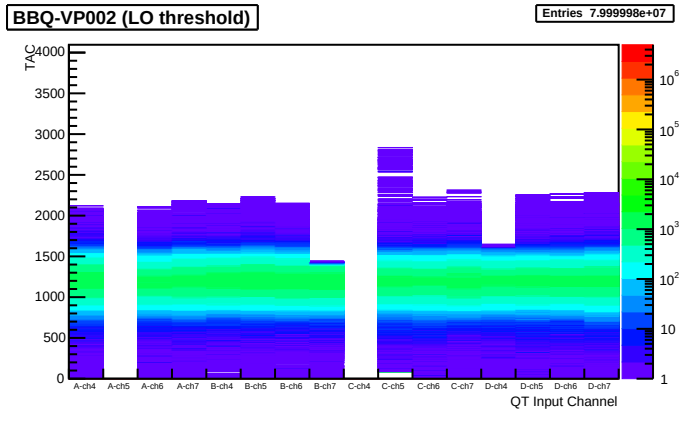

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
ADC

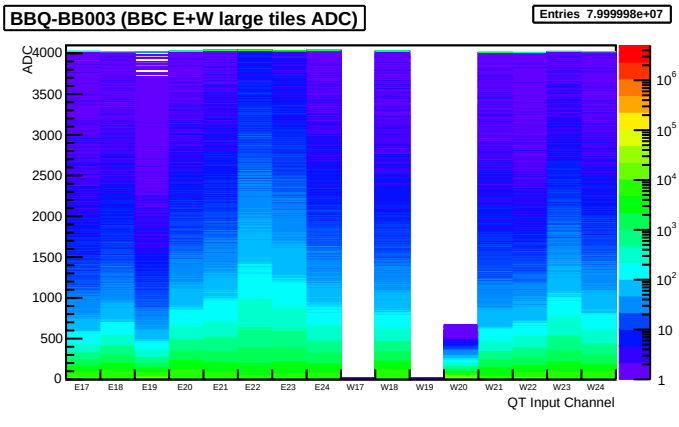

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
TAC

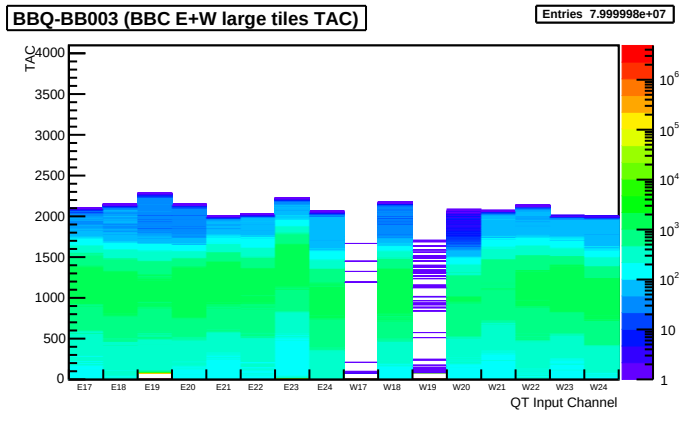

BBQ-VP001 (LO threshold)
Entries 7.999998e+07
ADC
QT Input Channel

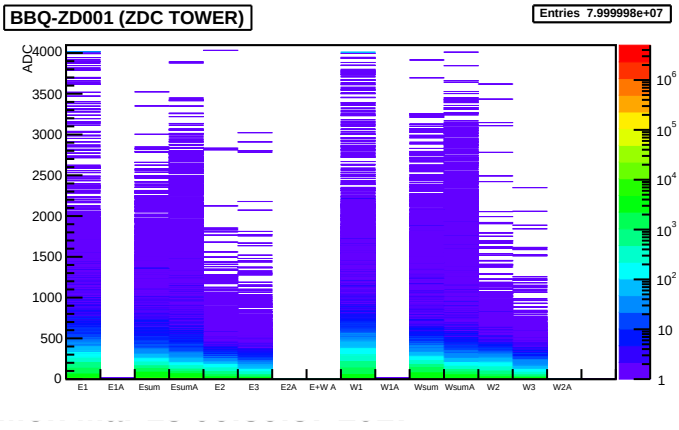

BBQ-VP001 (LO threshold)
Entries 7.999998e+07
TAC
QT Input Channel

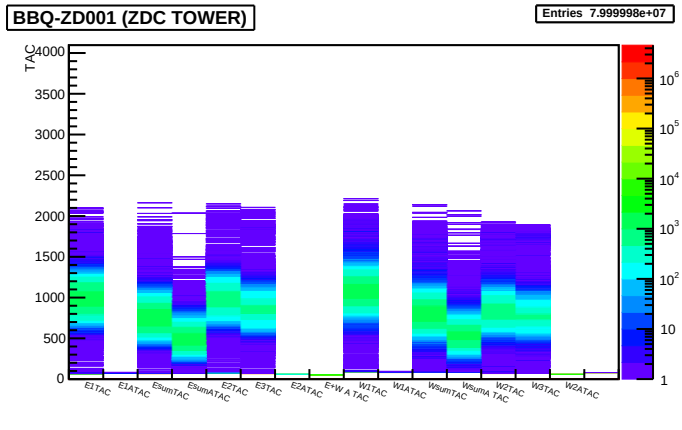

BBQ-VP002 (LO threshold)
Entries 7.999998e+07
ADC
QT Input Channel

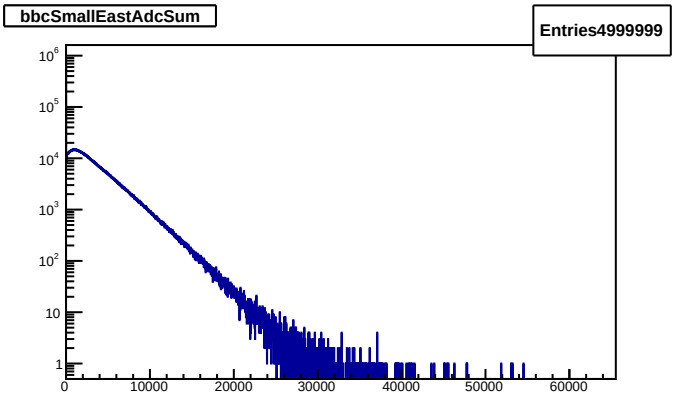

BBQ-VP002 (LO threshold)
Entries 7.999998e+07
TAC
QT Input Channel

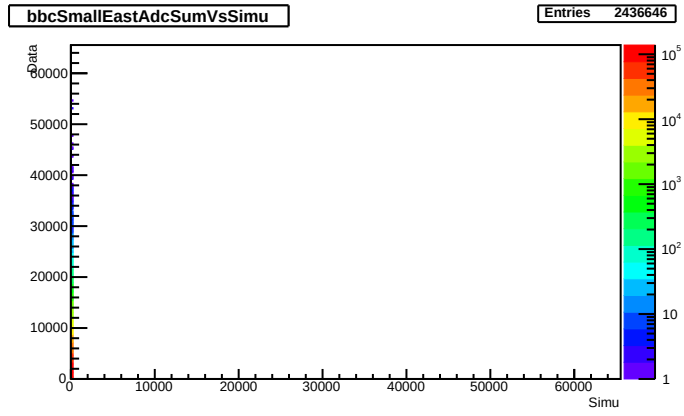

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

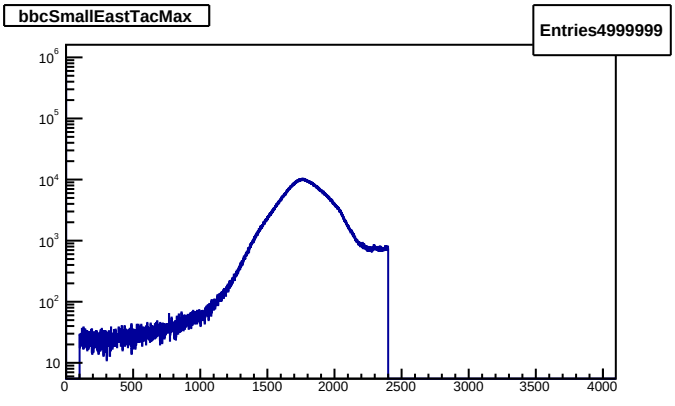

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

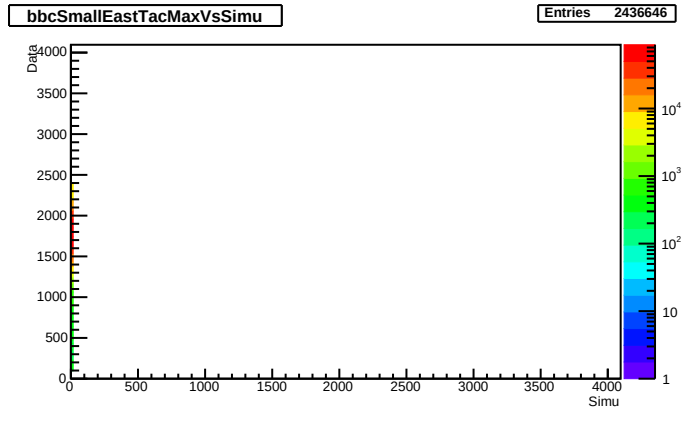

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
ADC

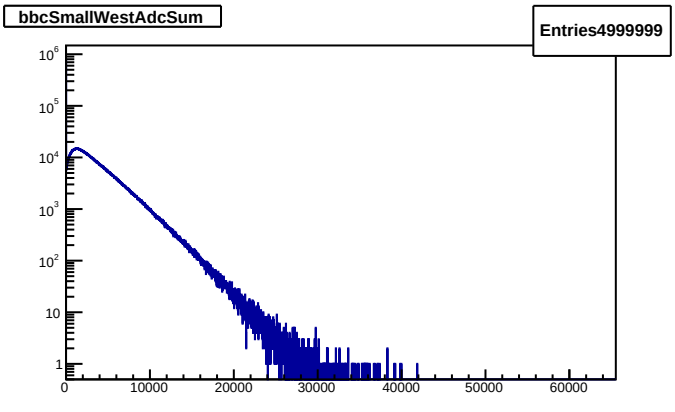

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
TAC

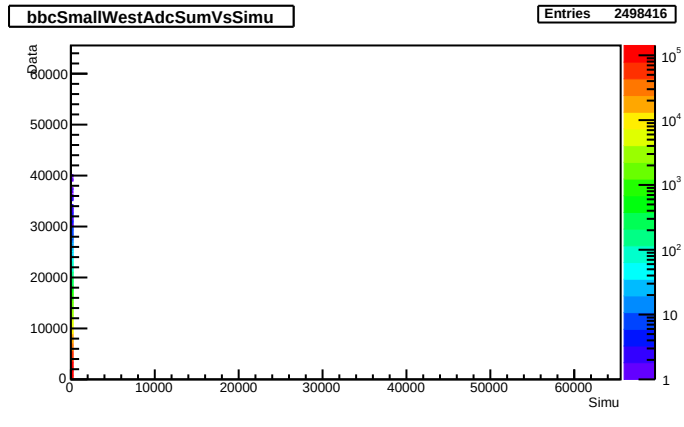

bbcSmallEastAdcSum
Entries4999999

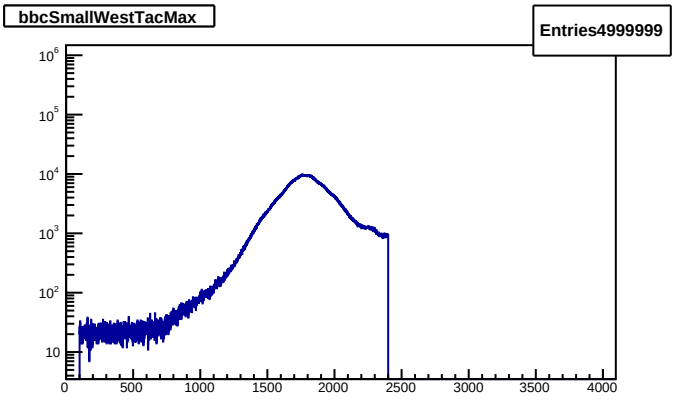

bbcSmallEastAdcSumVsSimu
Entries 2436646
Data
Simu

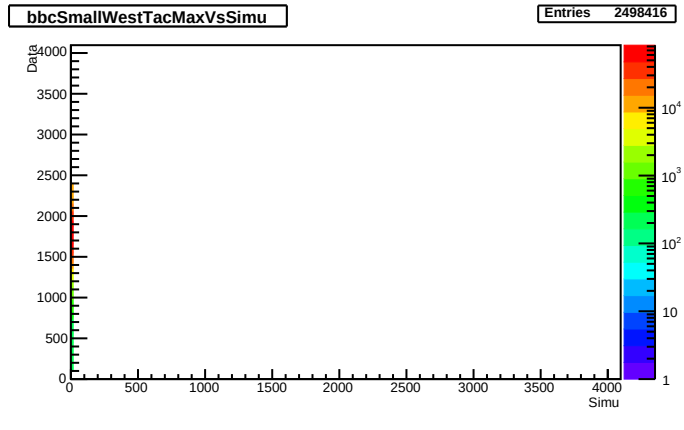

bbcSmallEastTacMax
Entries4999999

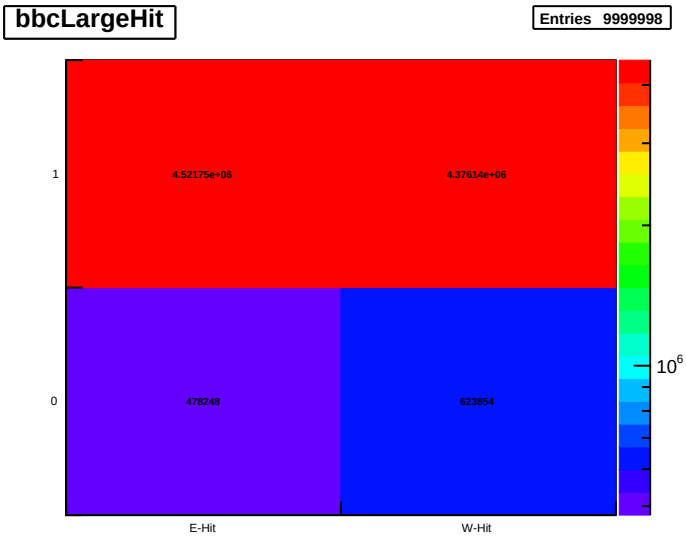

bbcSmallEastTacMaxVsSimu
Entries 2436646
Data
Simu

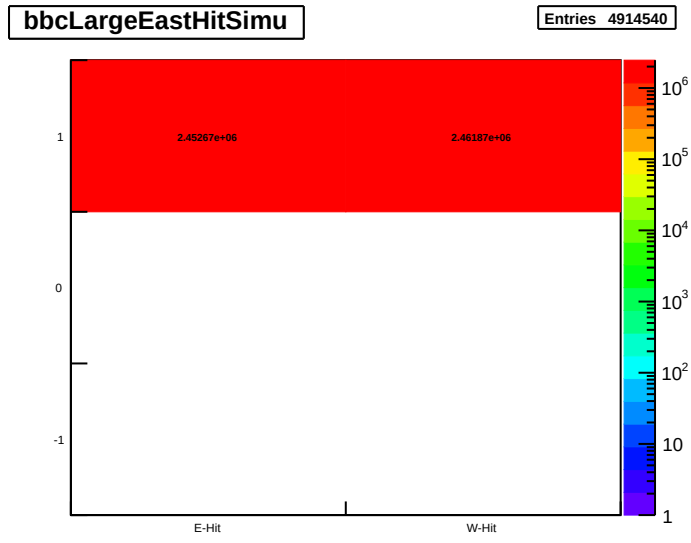

bbcSmallWestAdcSum
Entries4999999

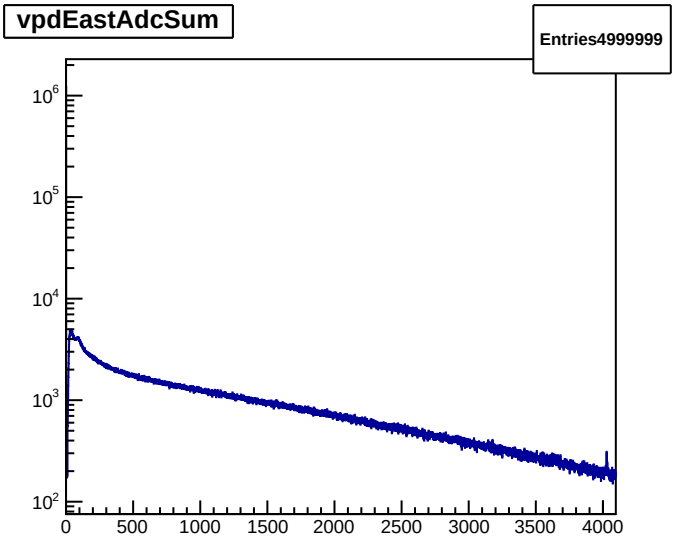

bbcSmallWestAdcSumVsSimu
Entries 2498416
Data
Simu

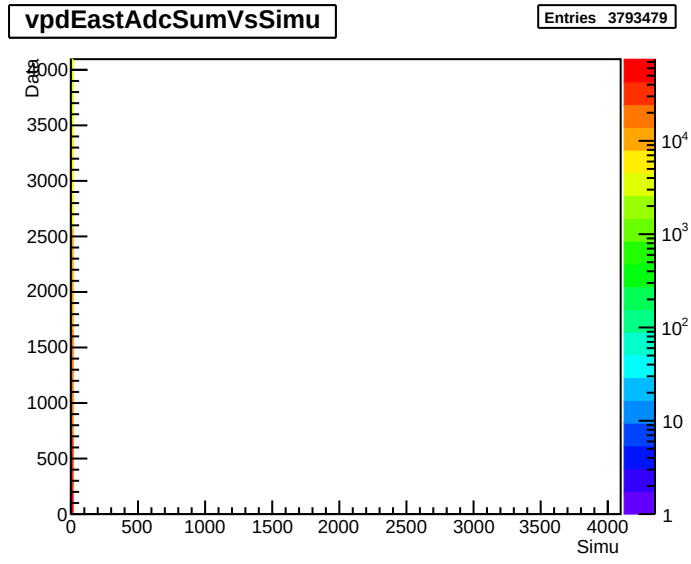

bbcSmallWestTacMax
Entries4999999

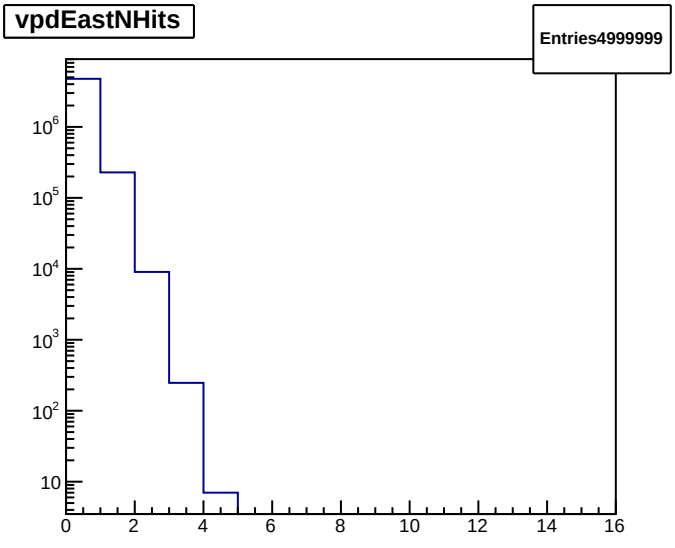

bbcSmallWestTacMaxVsSimu
Entries 2498416
Data
Simu

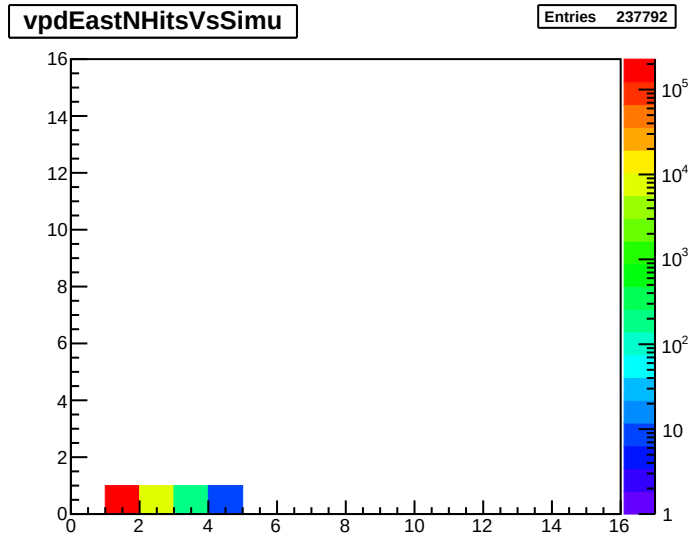

bbcLargeHit
Entries 9999998
4.52175e+06
4.37614e+06
478248
623854
1
0
E-Hit
W-Hit
10^6

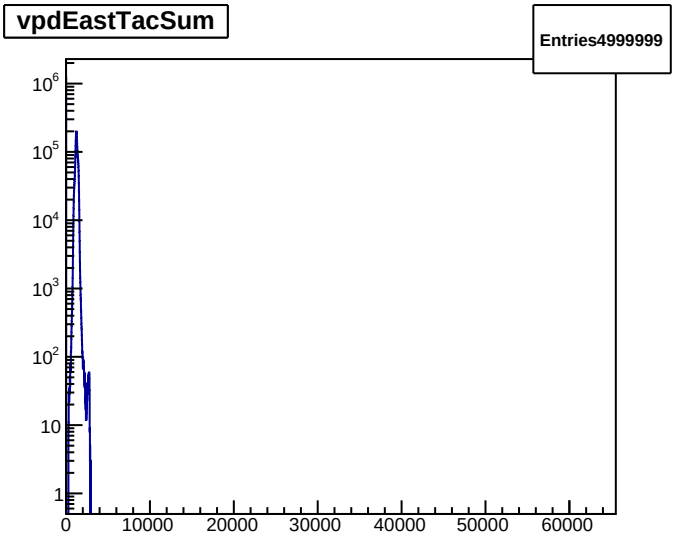

bbcLargeEastHitSimu
Entries 4914540
2.45267e+06
2.46187e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

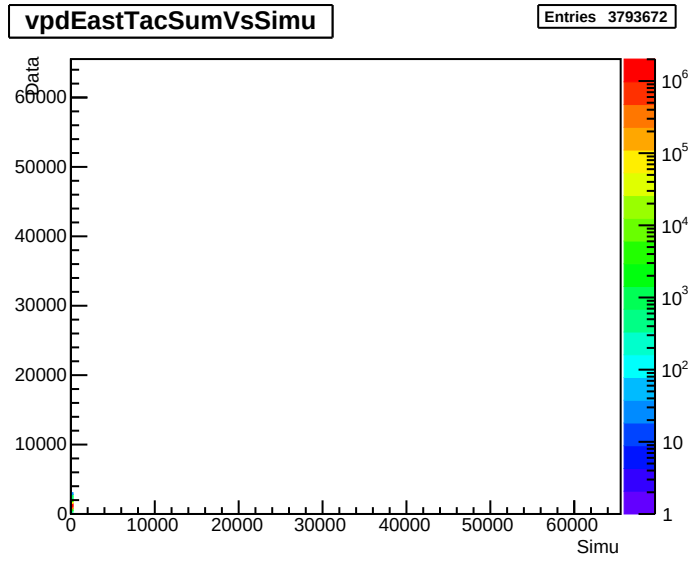

vpdEastAdcSum
Entries4999999

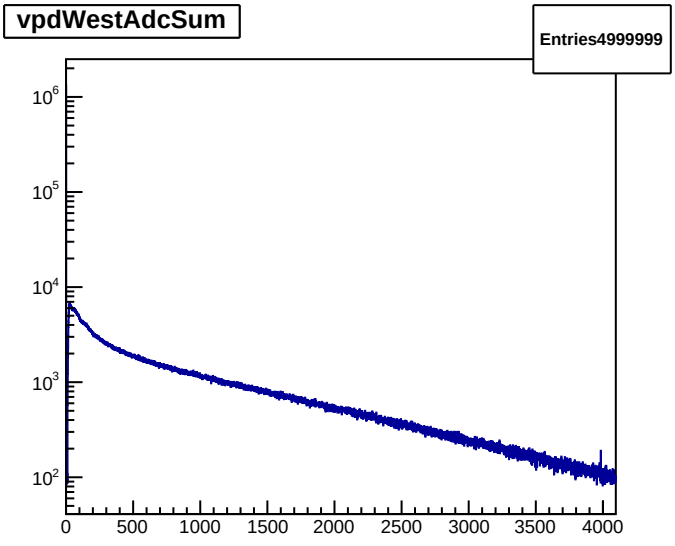

vpdEastAdcSumVsSimu
Entries 3793479
Data
Simu

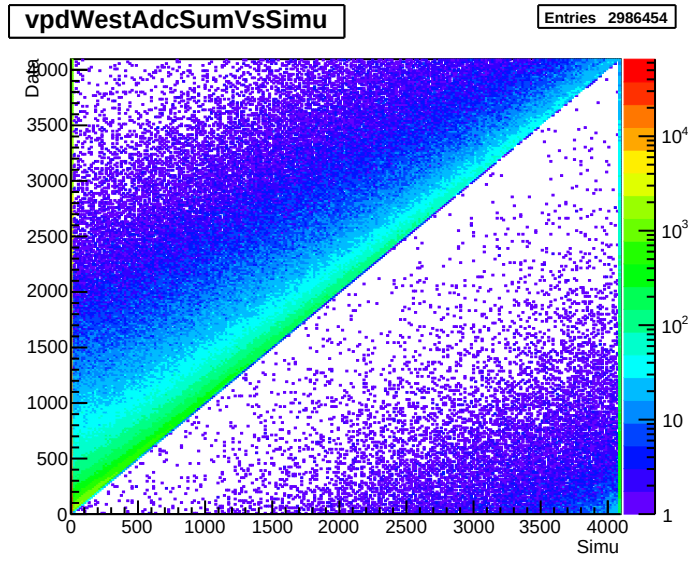

vpdEastNHits
Entries4999999

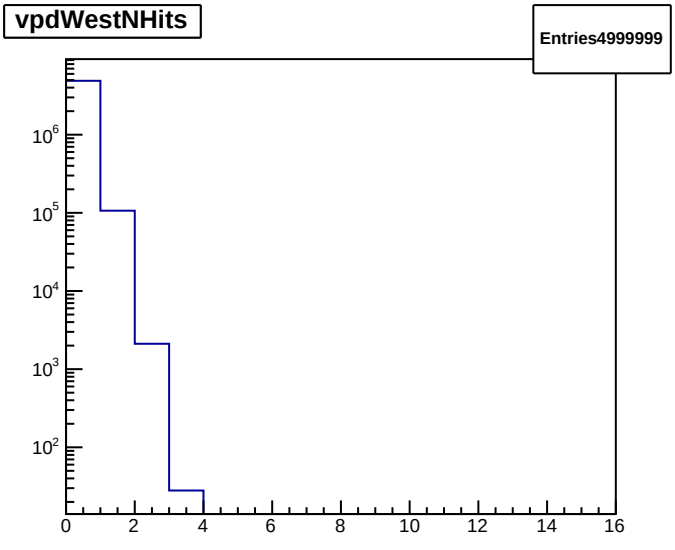

vpdEastNHitsVsSimu
Entries 237792

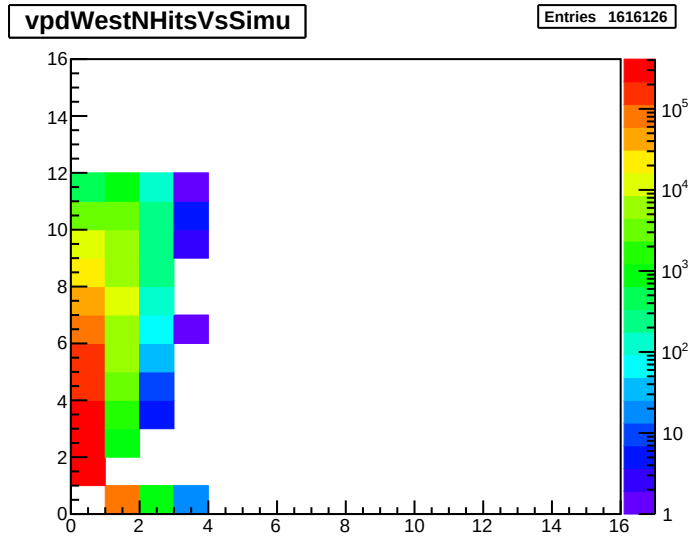

vpdEastTacSum
Entries4999999

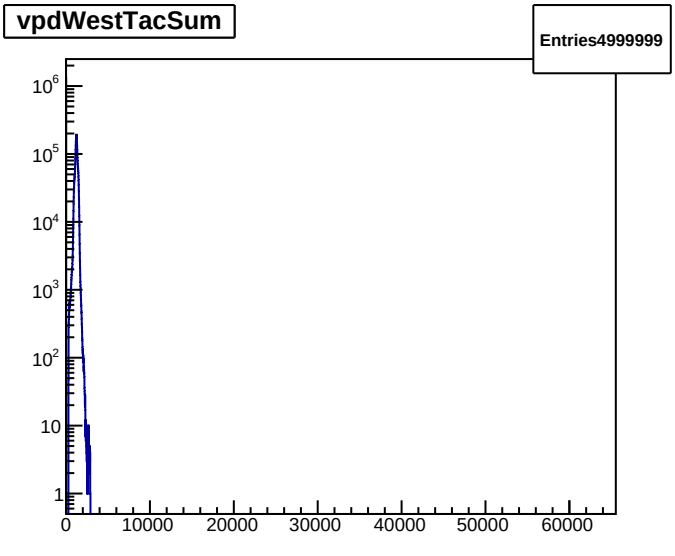

vpdEastTacSumVsSimu
Entries 3793672
Data
Simu

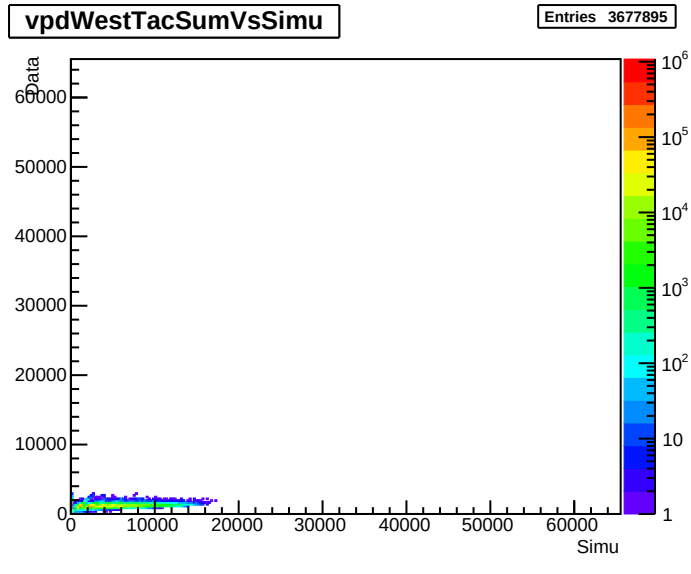

vpdWestAdcSum
Entries4999999

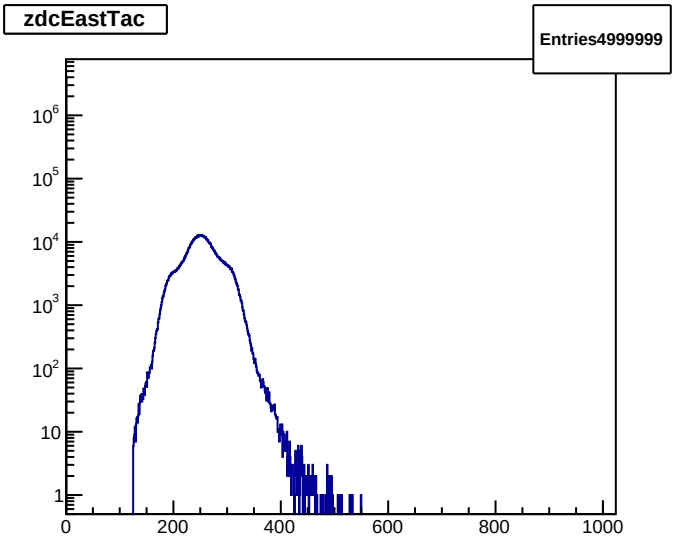

vpdWestAdcSumVsSimu
Entries 2986454
Data
Simu

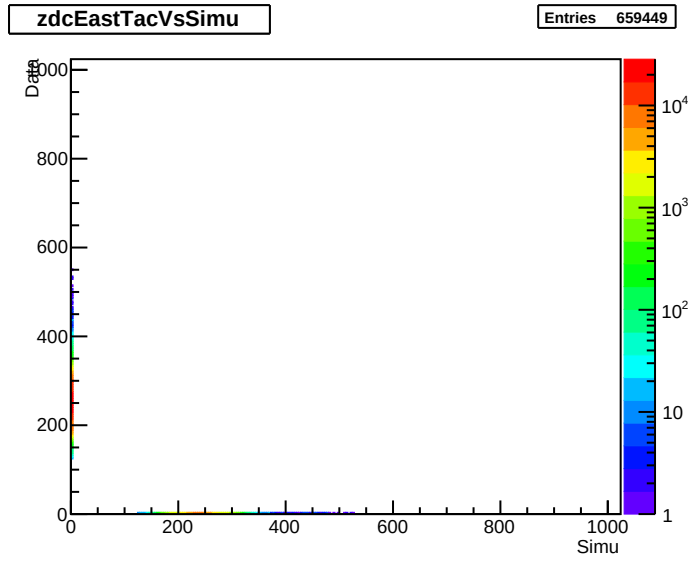

vpdWestNHits
Entries4999999

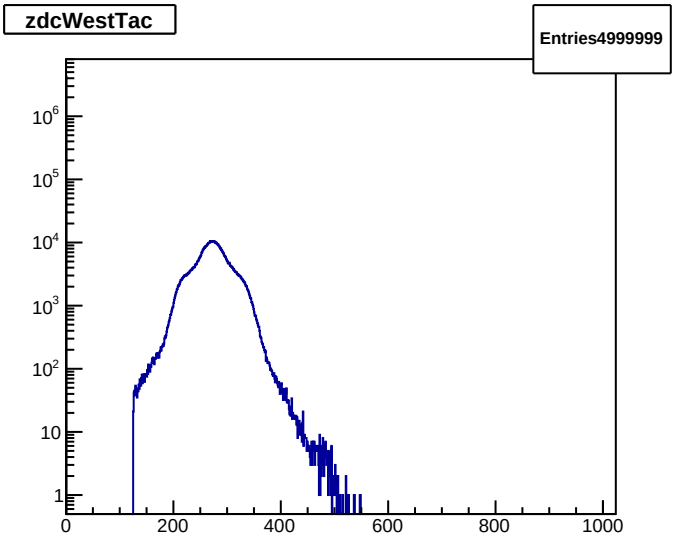

vpdWestNHitsVsSimu
Entries 1616126

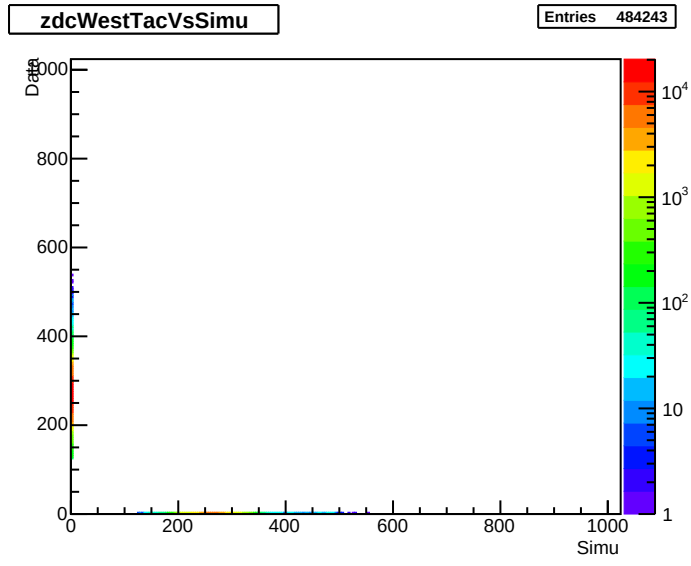

vpdWestTacSum
Entries4999999

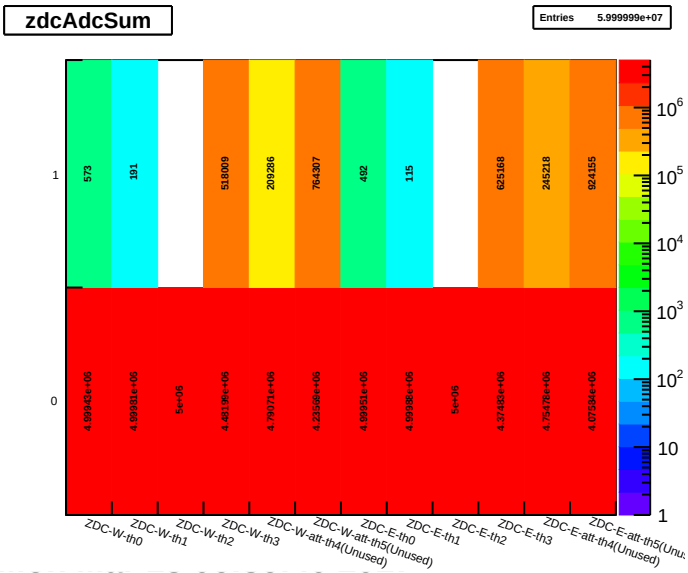

vpdWestTacSumVsSimu
Entries 3677895
Data
Simu

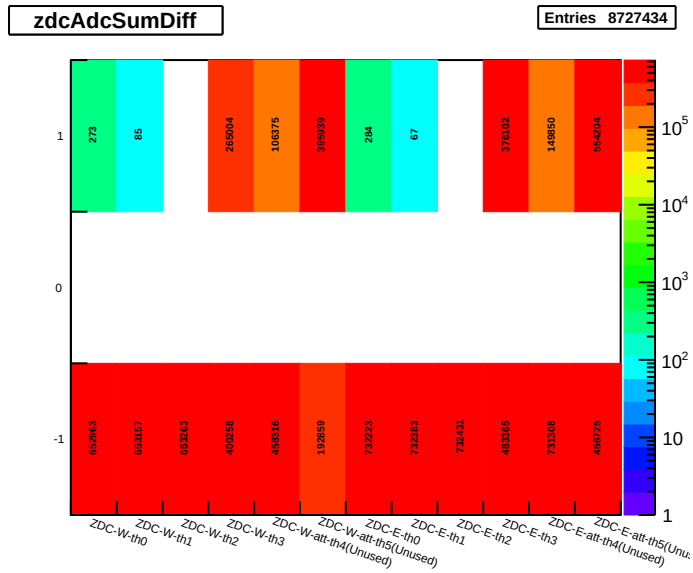

zdcEastTac
Entries4999999

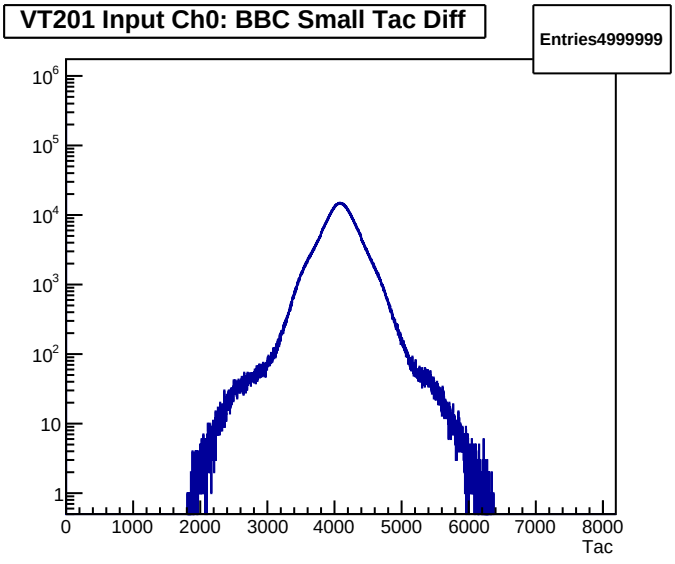

zdcEastTacVsSimu
Entries 659449
Data
Simu

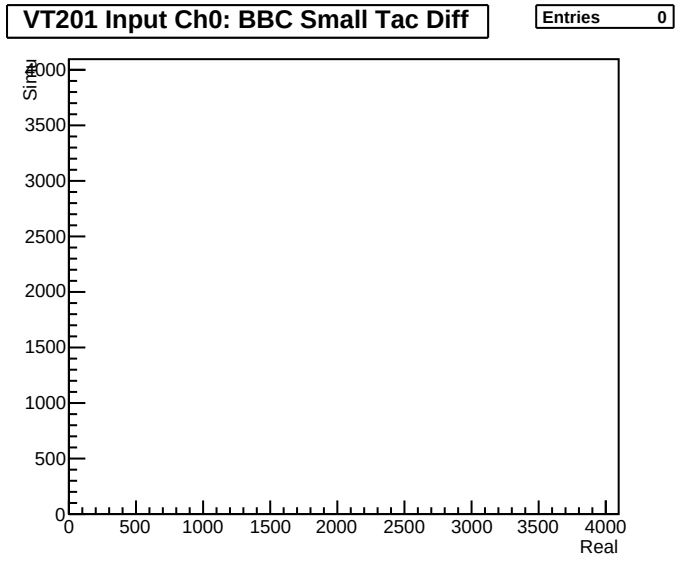

zdcWestTac
Entries4999999

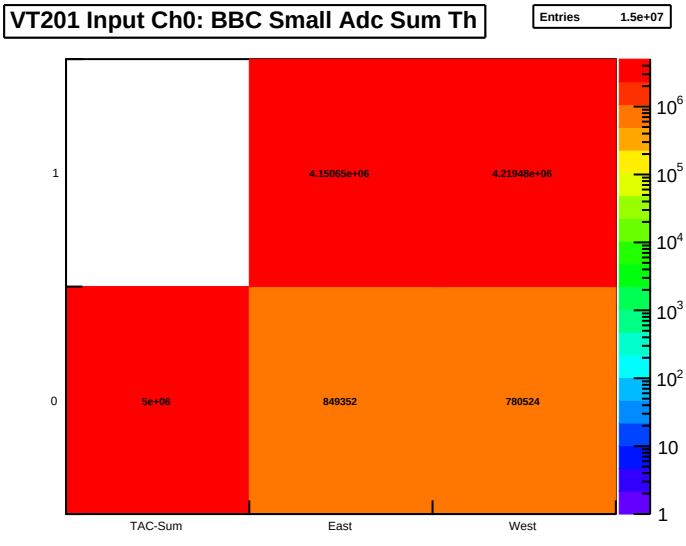

zdcWestTacVsSimu
Entries 484243
Data
Simu

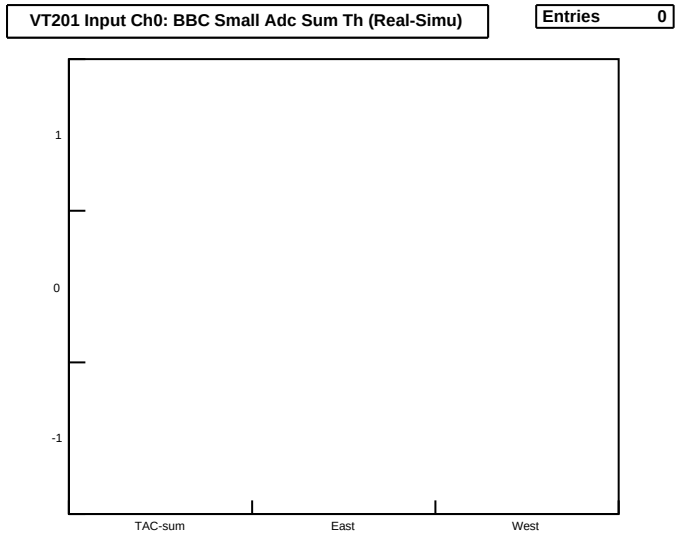

zdcAdcSum
Entries 5.999999e+07
573
191
518009
209286
764307
492
115
625168
245218
924155
4.99943e+06
4.99981e+06
5e+06
4.46199e+06
4.76071e+06
4.23569e+06
4.99951e+06
4.99988e+06
5e+06
4.37482e+06
4.75478e+06
4.07584e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

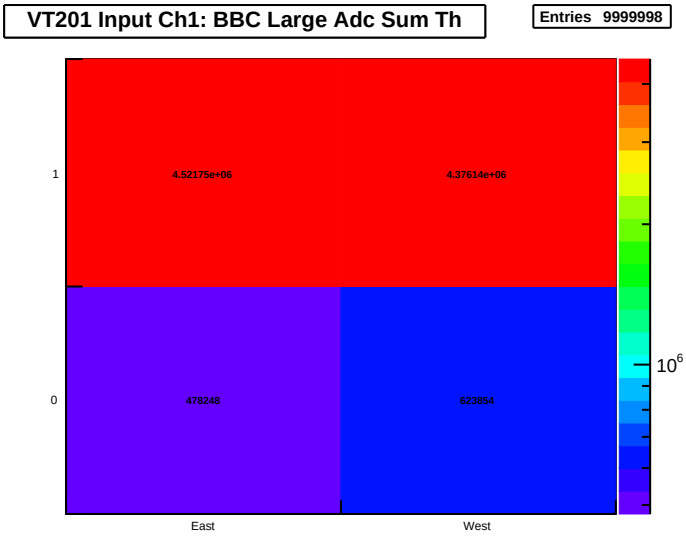

zdcAdcSumDiff
Entries 8727434
273
85
265004
106375
399839
294
67
376102
149850
554204
652963
653157
653263
400258
458316
192859
732223
732383
732431
483365
731308
456725
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

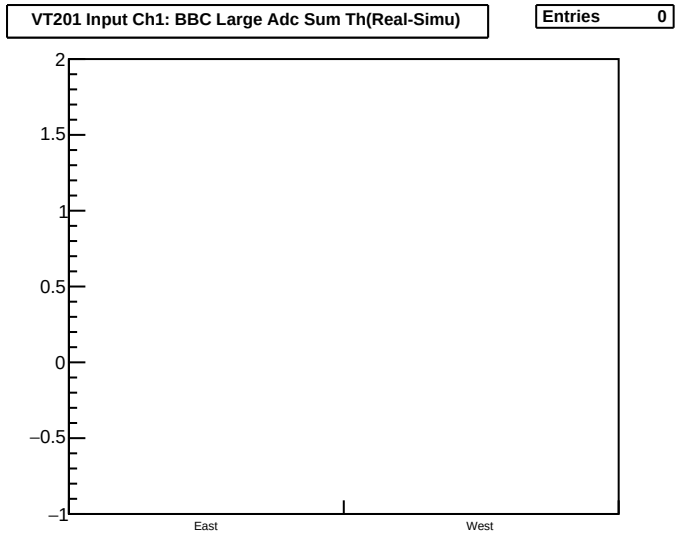

VT201 Input Ch0: BBC Small Tac Diff
Entries4999999
Tac


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

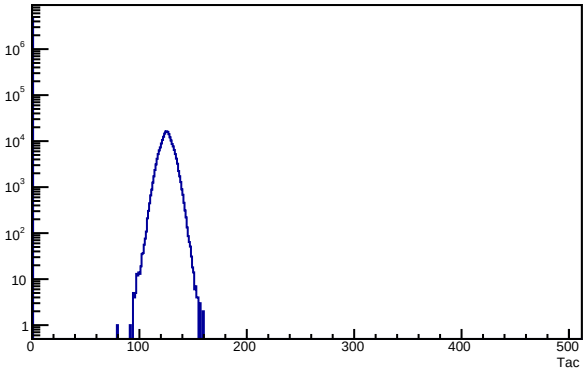

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.5e+07
4.15065e+06
4.21948e+06
5e+06
849352
780524
TAC-Sum
East
West


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

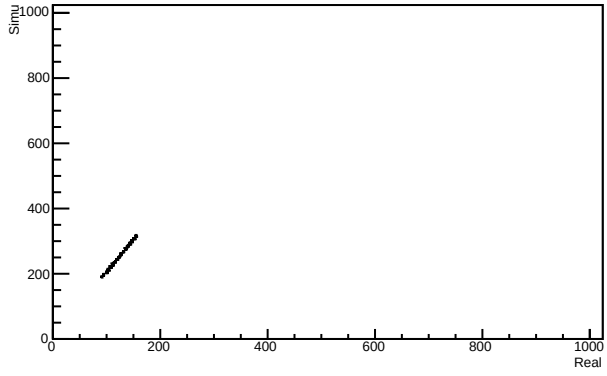

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9999998
4.52175e+06
4.37614e+06
478248
623854
East
West


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

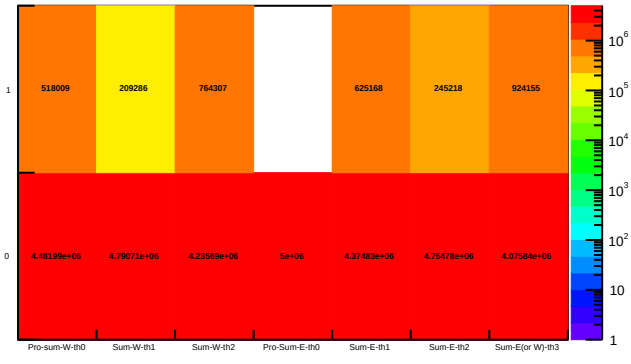
VT201 Input Ch2: ZDC Tac Diff



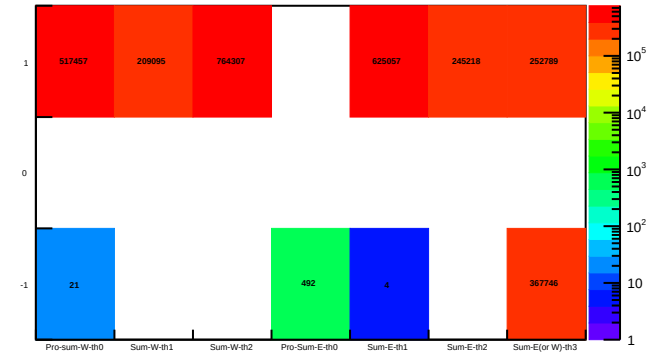
VT201 Input Ch2: ZDC Tac Diff



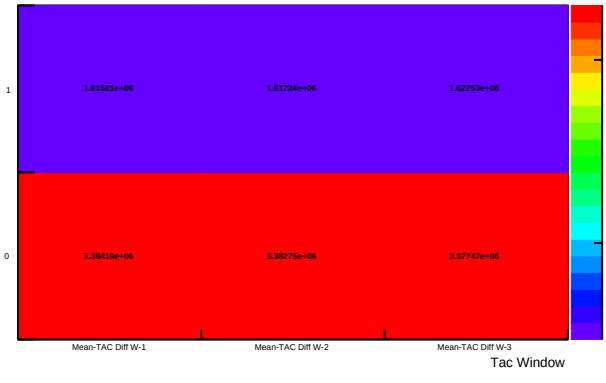
VT201 Input Ch2: ZDC Adc Sum Th



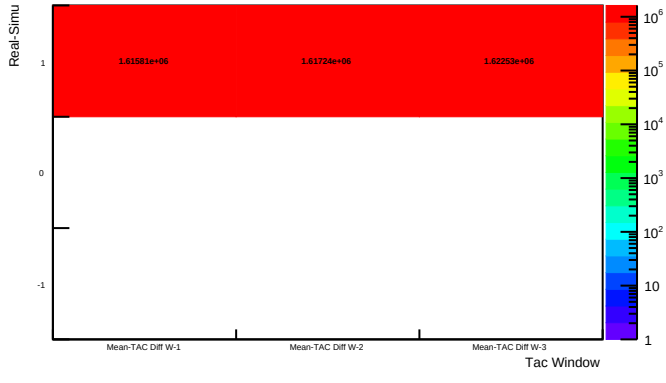
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



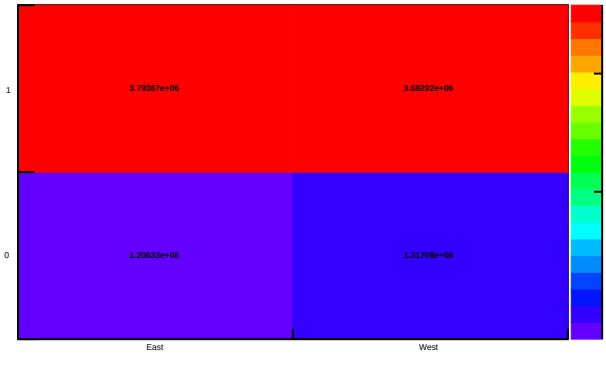
VT201 Input Ch4: VPD Tac Diff



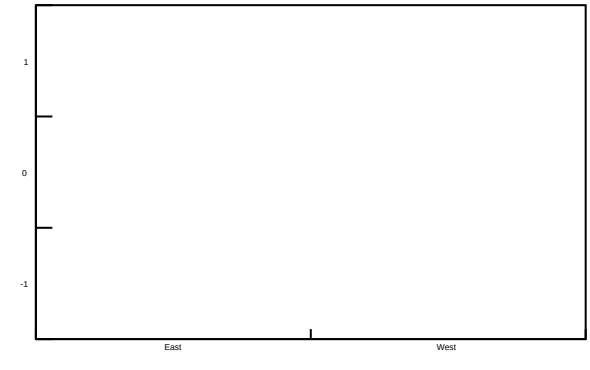
VT201 Input Ch4: VPD Tac Diff

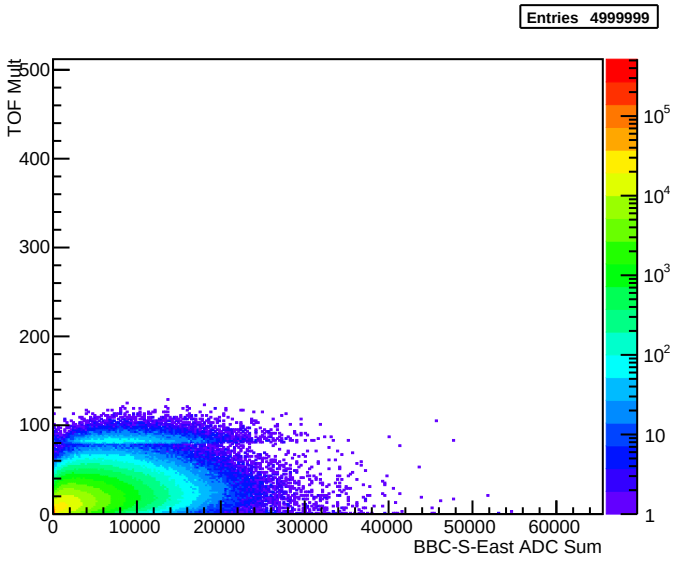


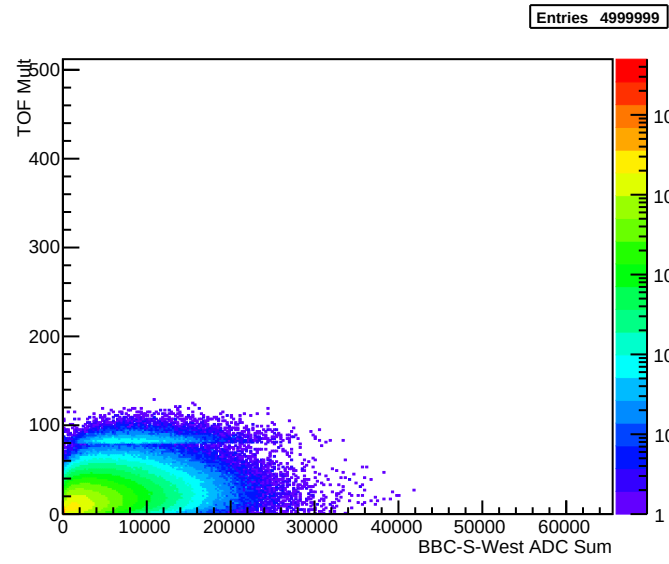
VT201 Input Ch4: VPD Adc Sum Th

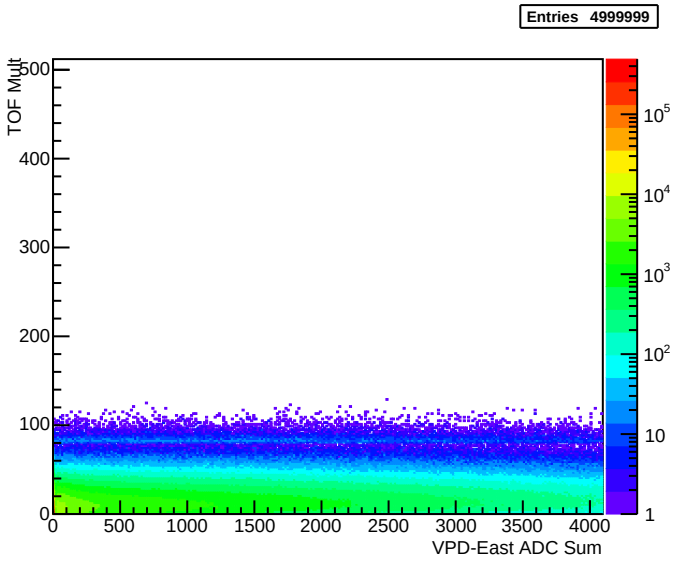


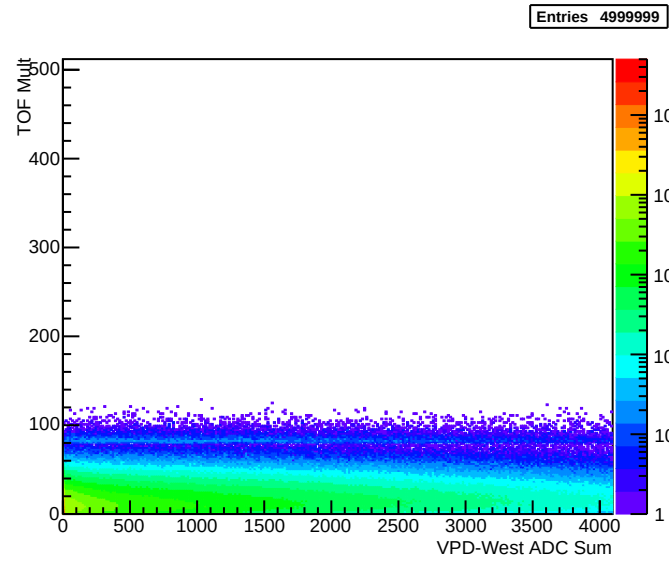
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

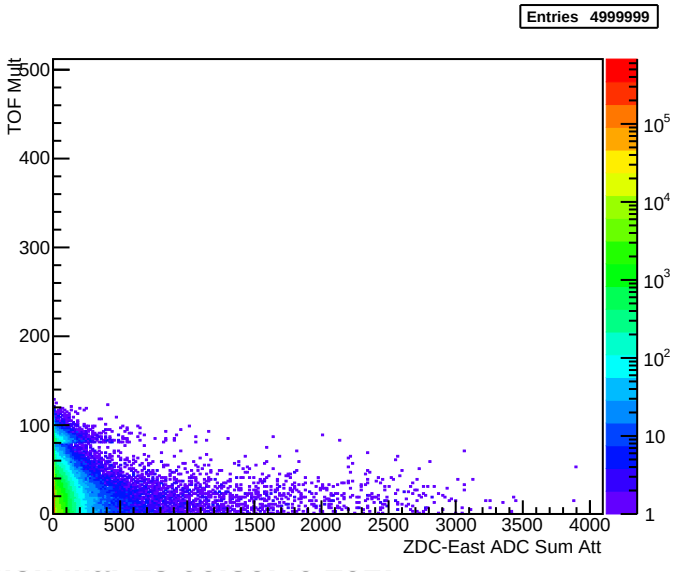


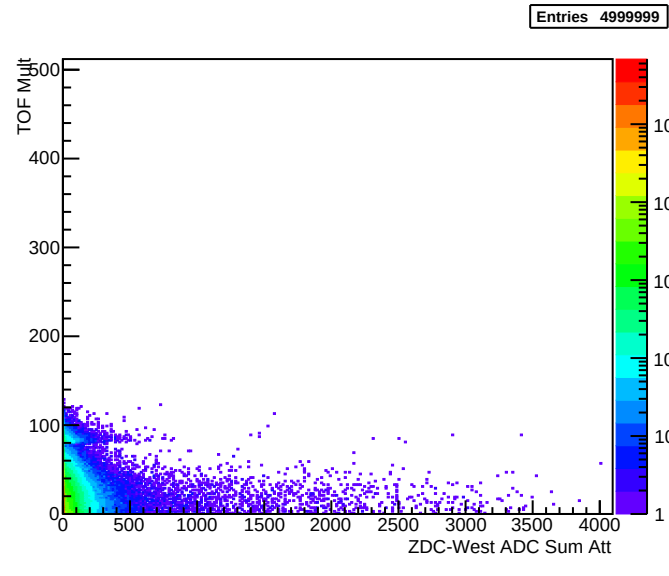

Entries 4999999
TOF Mult
BBC-S-East ADC Sum

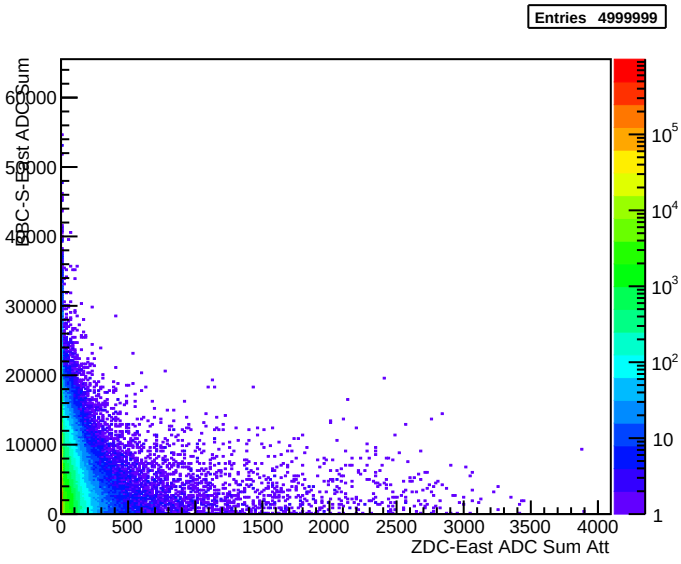

Entries 4999999
TOF Mult
BBC-S-West ADC Sum

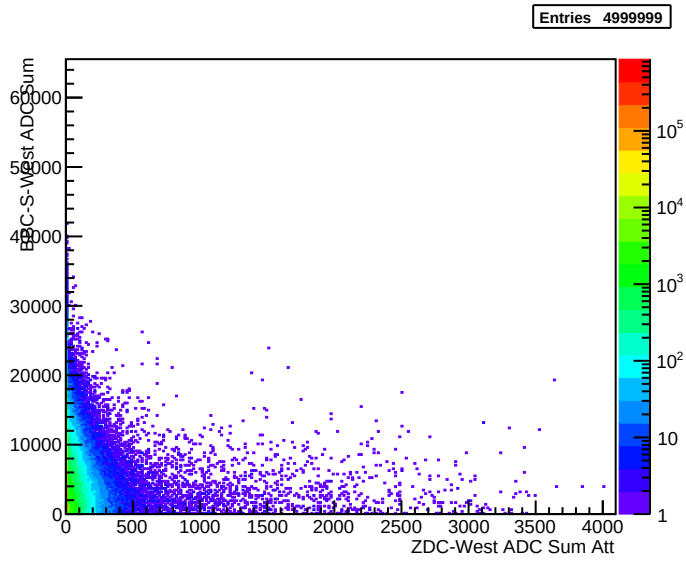

Entries 4999999
TOF Mult
VPD-East ADC Sum

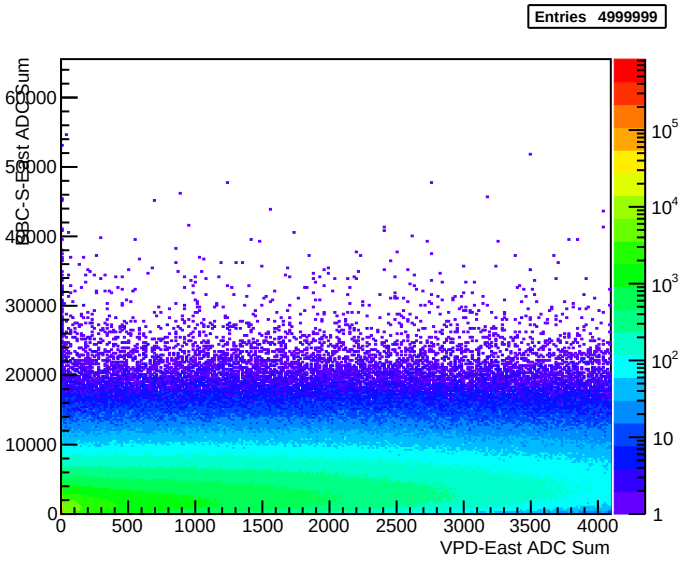

Entries 4999999
TOF Mult
VPD-West ADC Sum

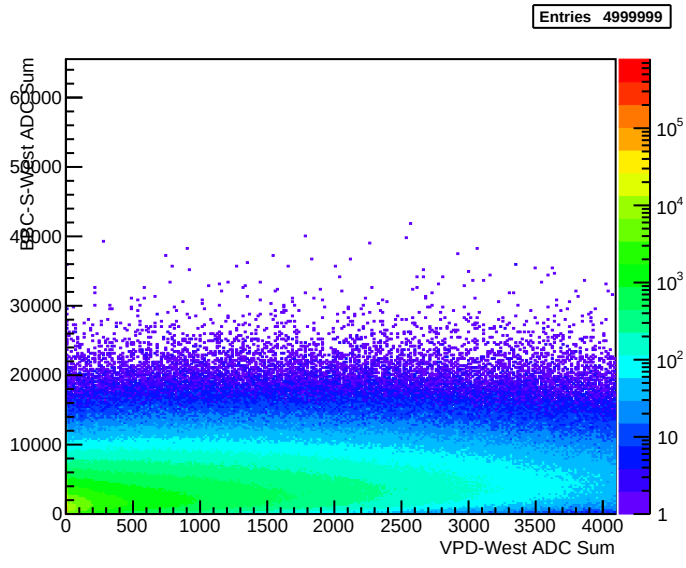

Entries 4999999
TOF Mult
ZDC-East ADC Sum Att

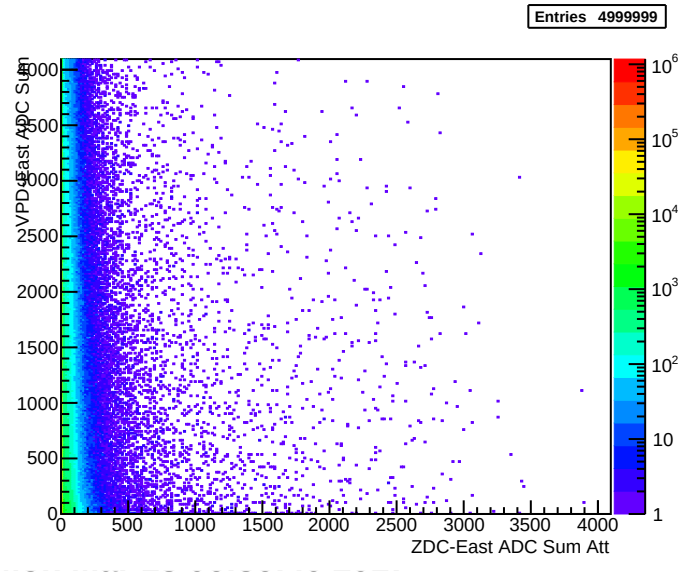

Entries 4999999
TOF Mult
ZDC-West ADC Sum Att

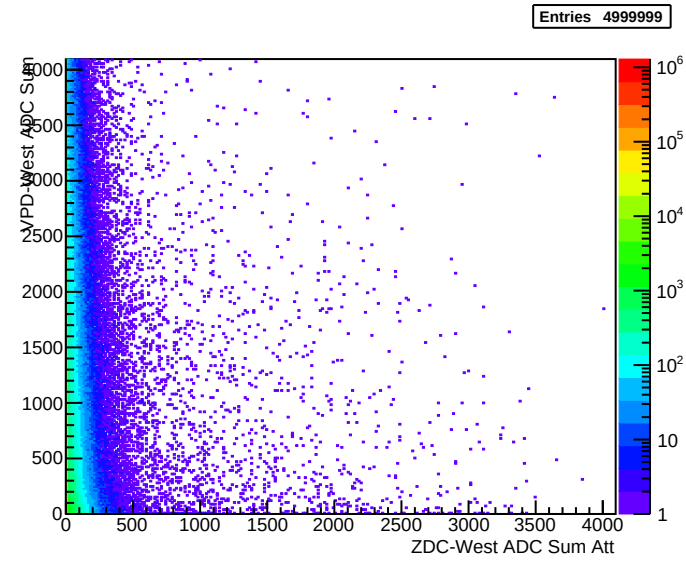

Entries 4999999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

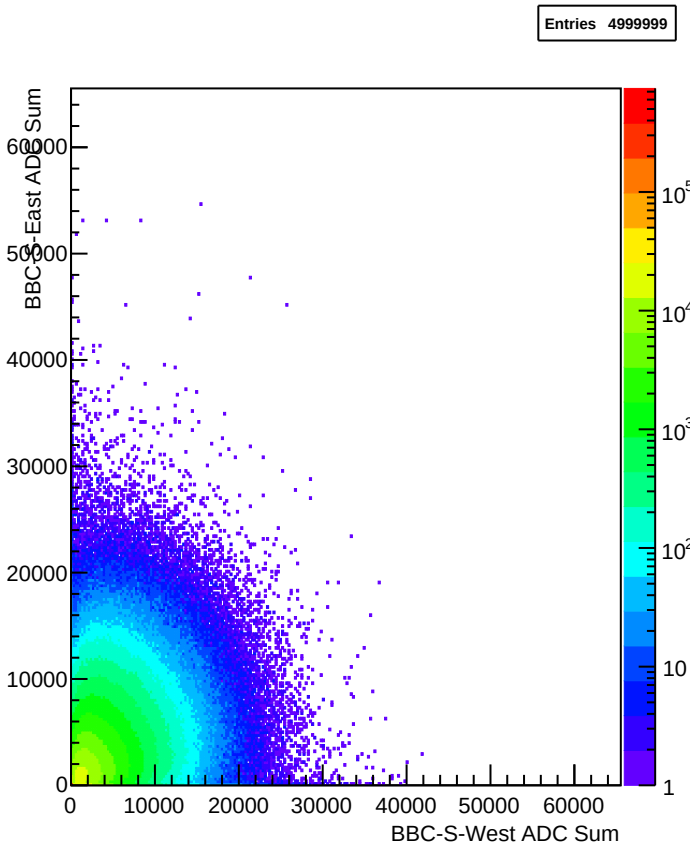

Entries 4999999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

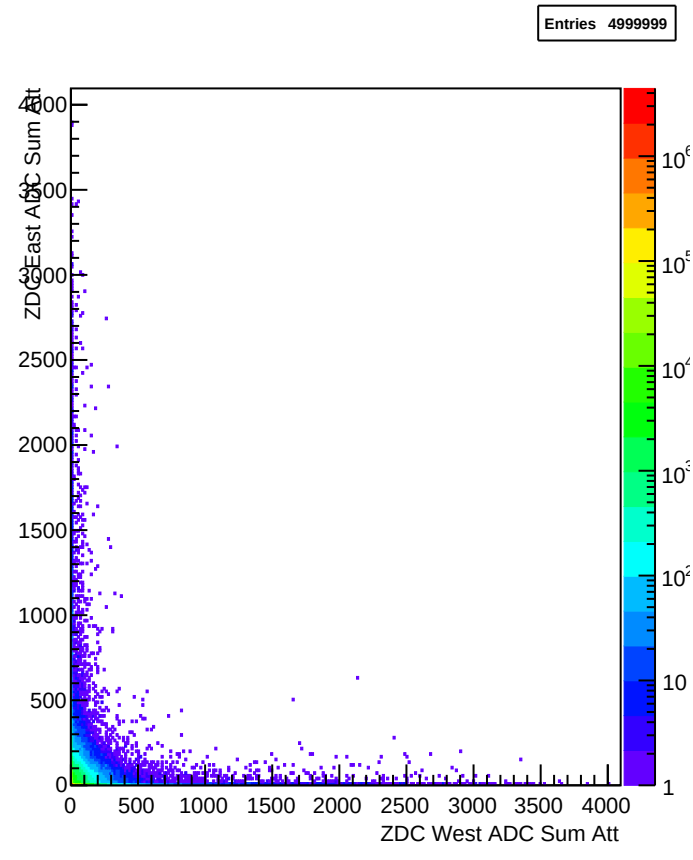

Entries 4999999
BBC-S-East ADC Sum
VPD-East ADC Sum

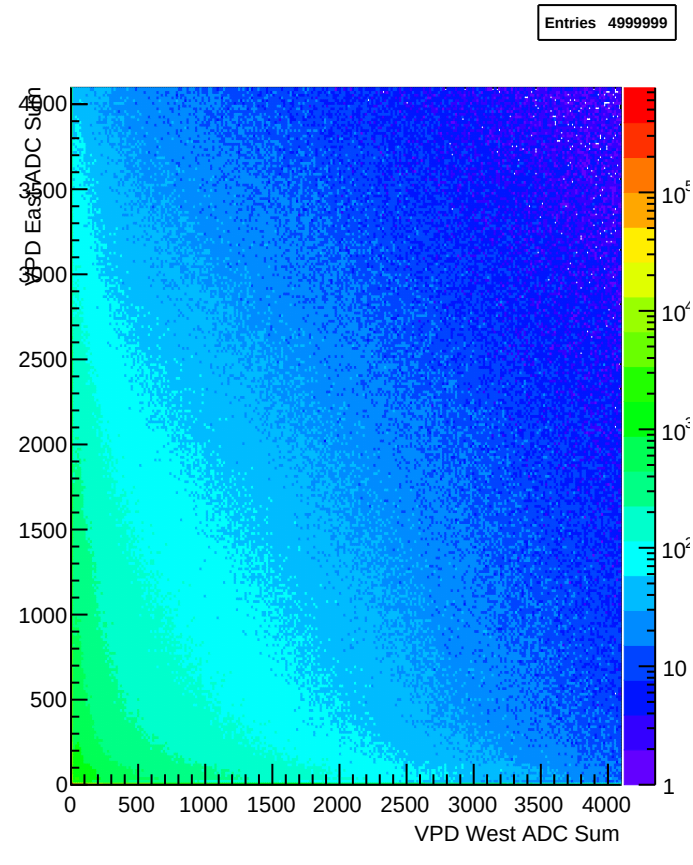

Entries 4999999
BBC-S-West ADC Sum
VPD-West ADC Sum

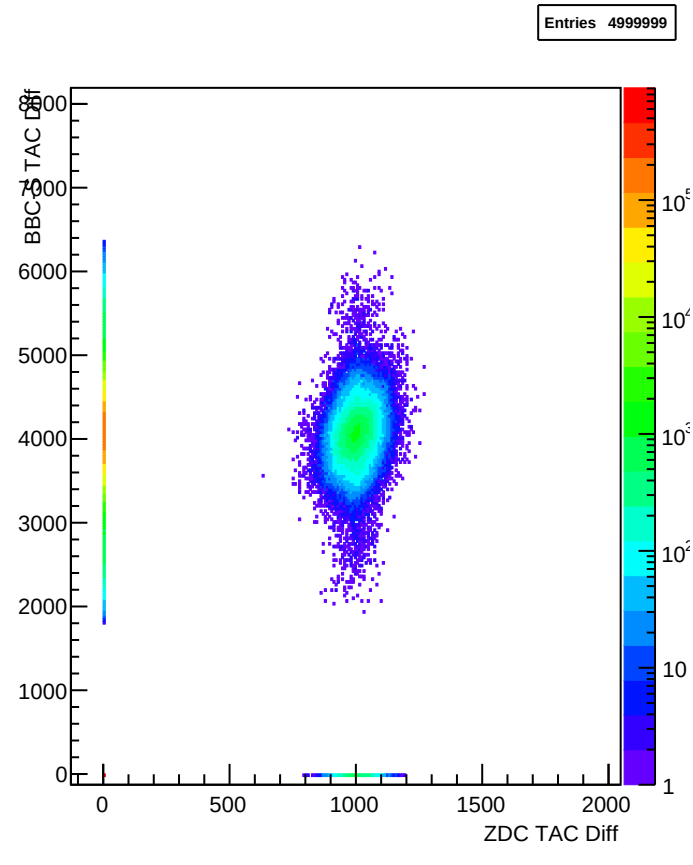

Entries 4999999
VPD-East ADC Sum
ZDC-East ADC Sum Att

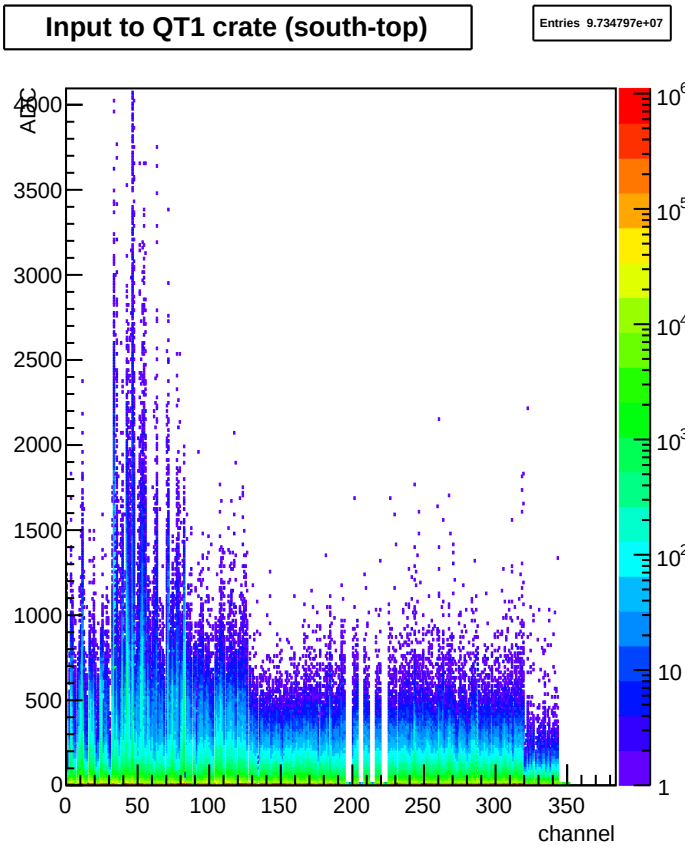

Entries 4999999
VPD-West ADC Sum
ZDC-West ADC Sum Att

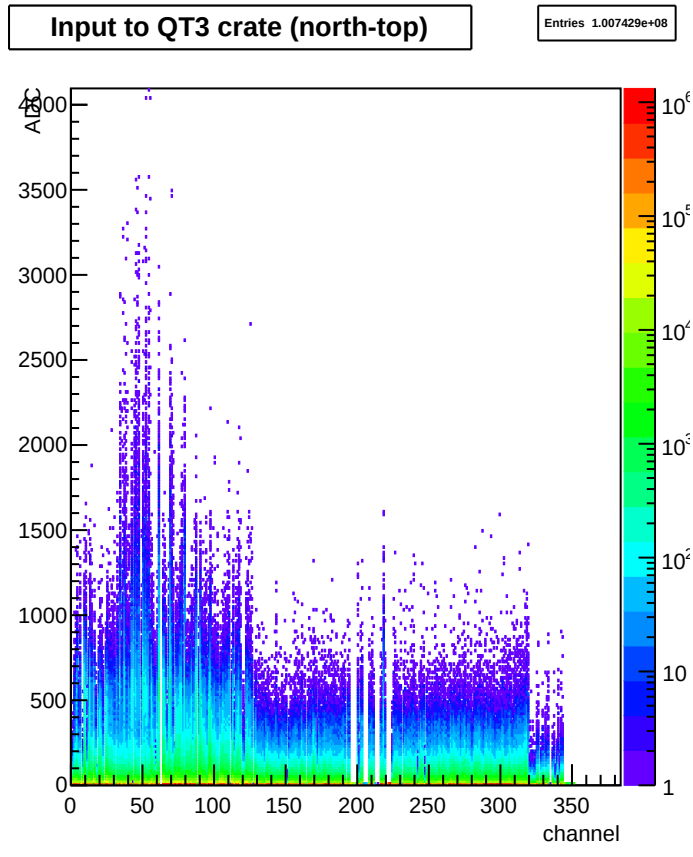

Entries 4999999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

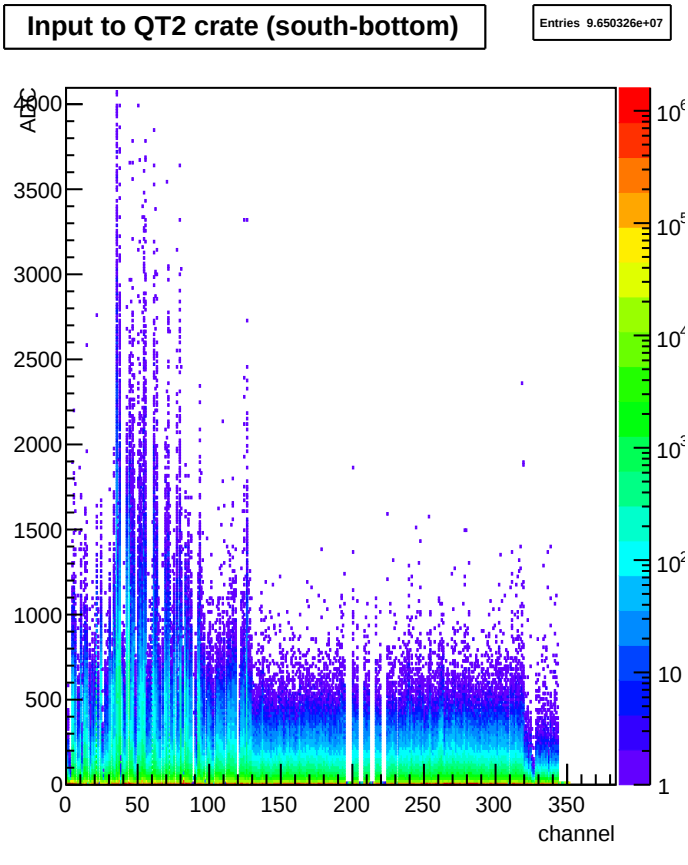

Entries 4999999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

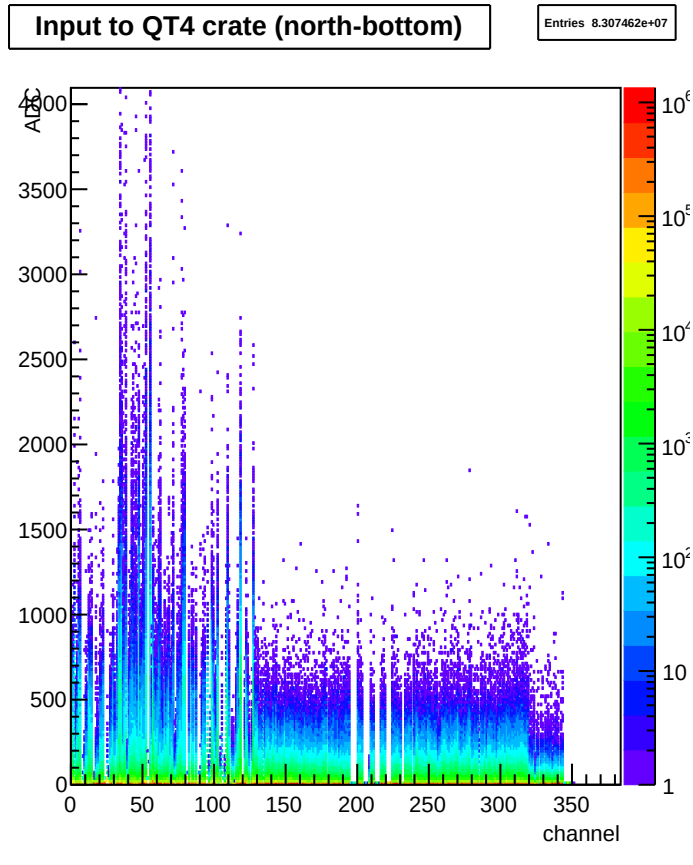

Entries 4999999
VPD East ADC Sum
VPD West ADC Sum

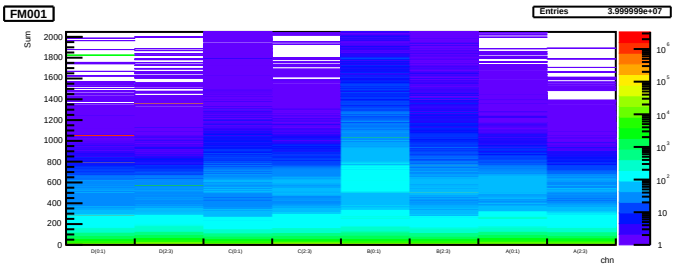

Entries 4999999
BBC-S TAC Diff
ZDC TAC Diff

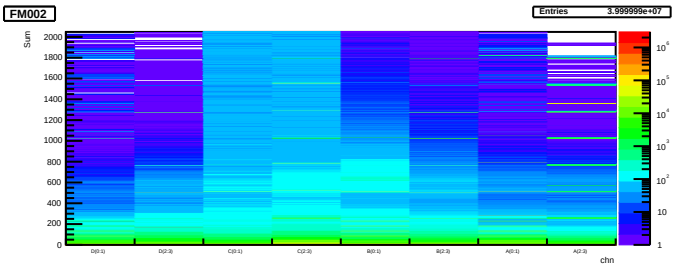

Input to QT1 crate (south-top)
Entries 9.734797e+07
ADC
channel


Input to QT3 crate (north-top)
Entries 1.007429e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 9.650326e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 8.307462e+07
ADC
channel


FM001
Entries 3.999999e+07
Sum
chn


FM002
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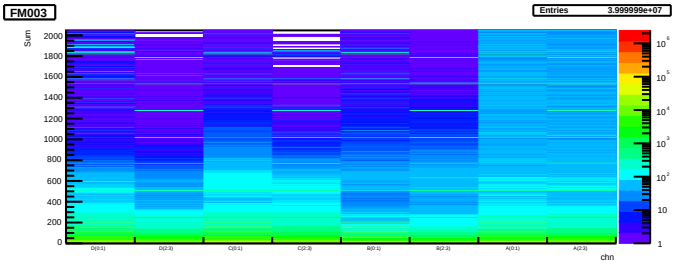
FM003
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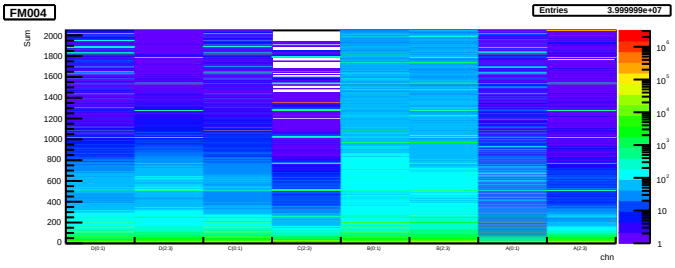
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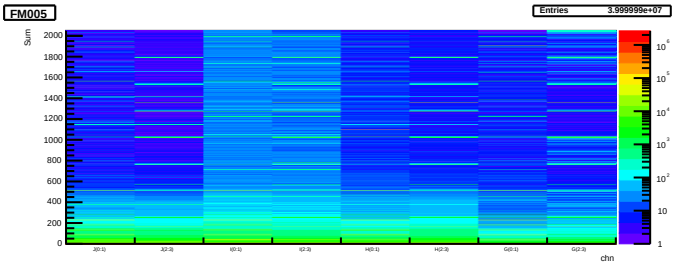
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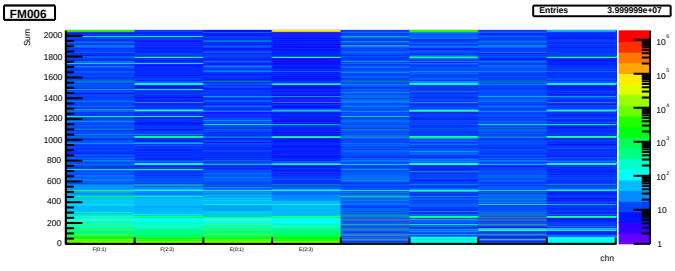
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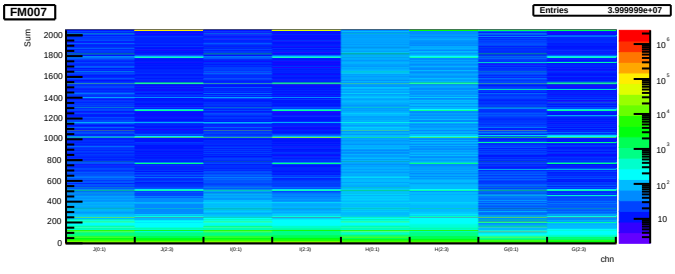
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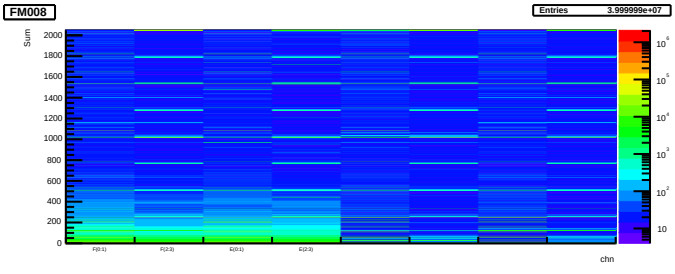
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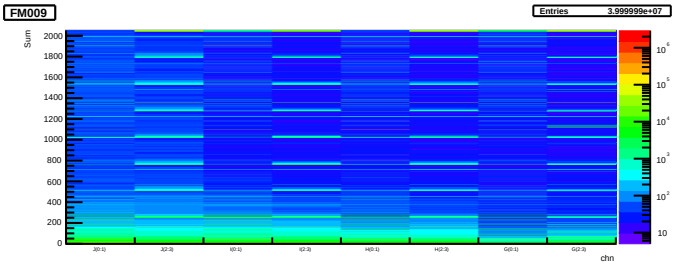
FM009
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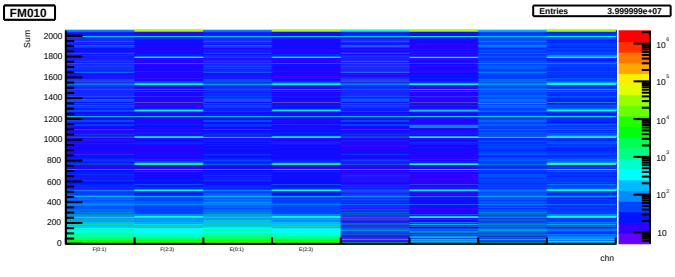
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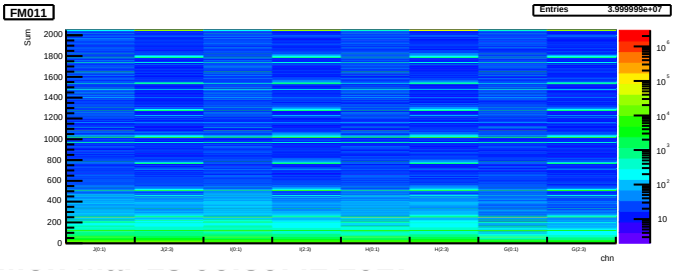
FM011
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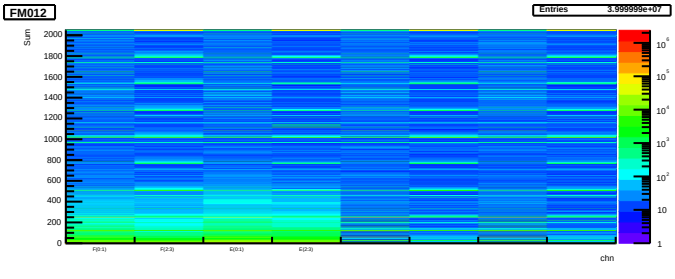
FM012
Entries 3.999999e+07
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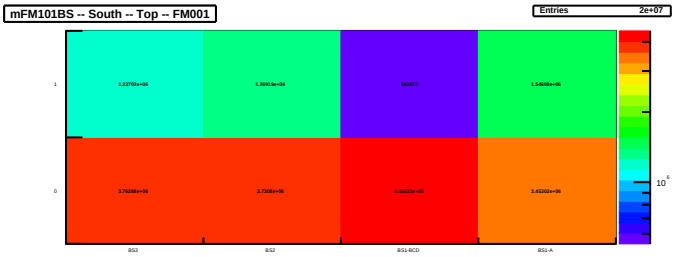
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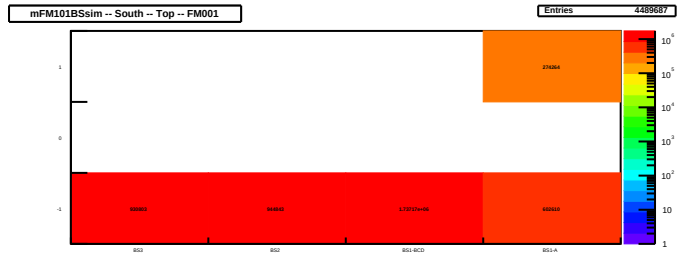
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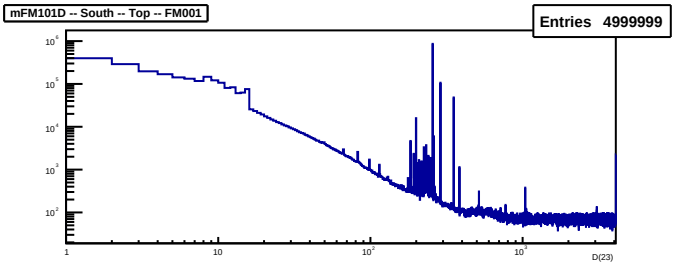
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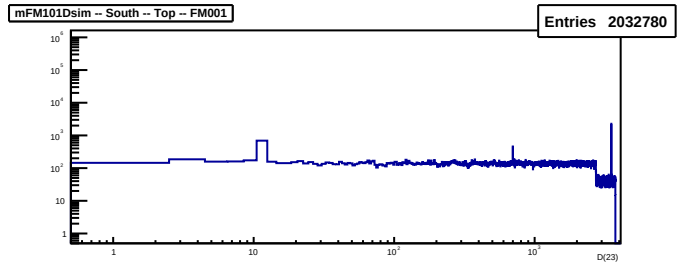
Entries 4999999
D(23)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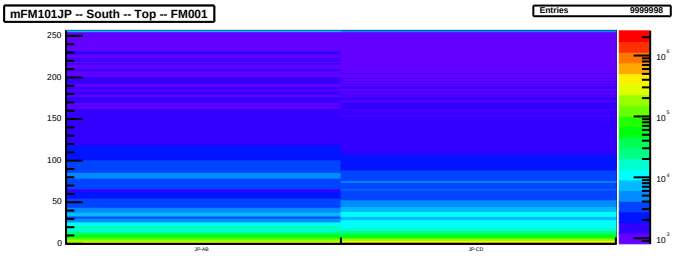
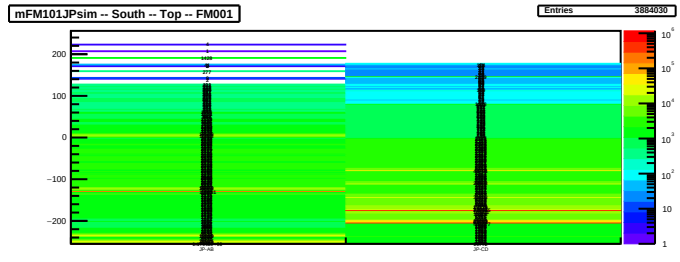
D(23)


mFM101JP -- South -- Top -- FM001
Entries 9999998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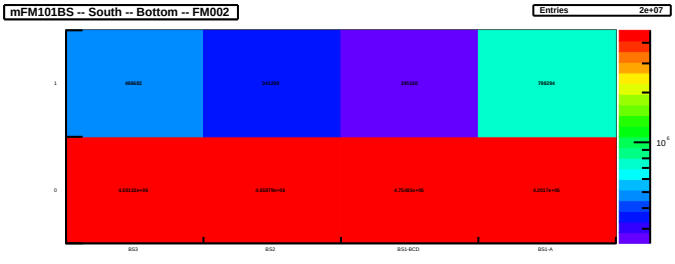
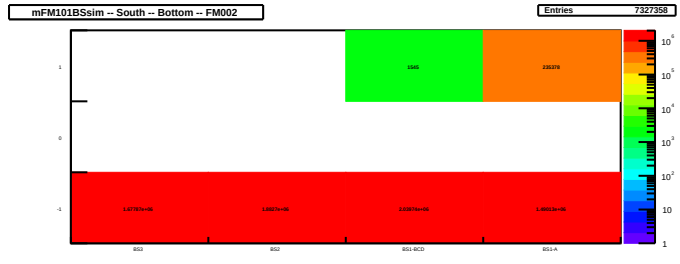

mFM101BS -- South -- Bottom -- FM002
Entries 2e+07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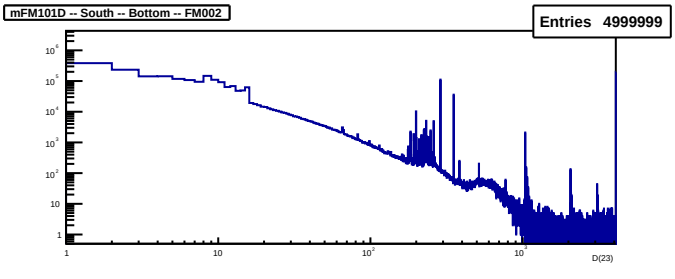
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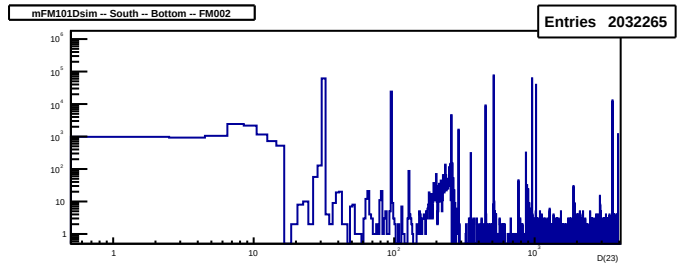
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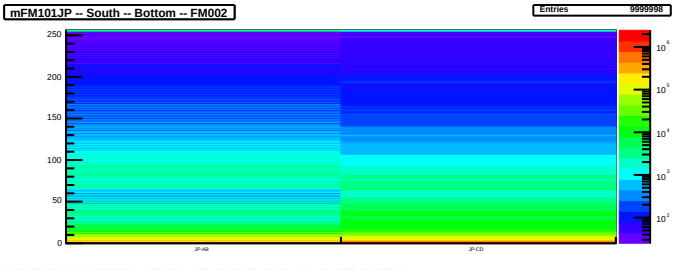
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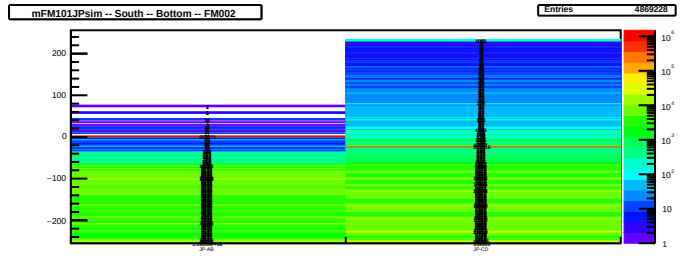
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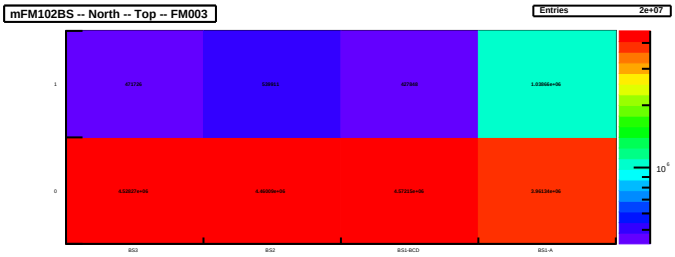
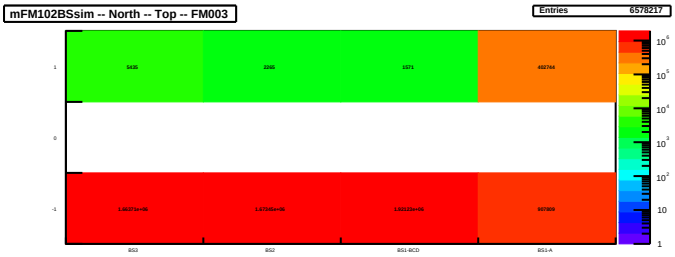

mFM102BS -- North -- Top -- FM003
Entries 2e+07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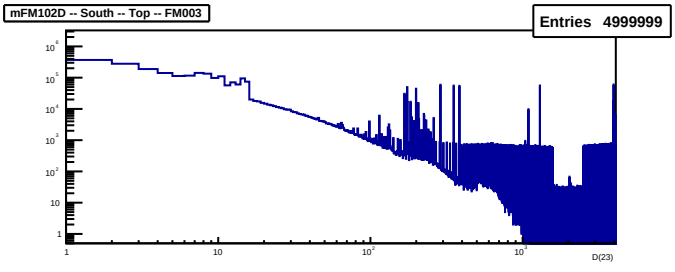
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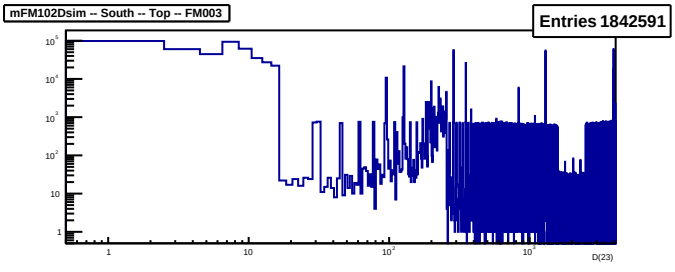
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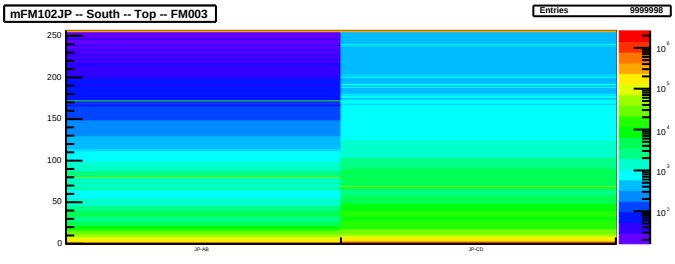
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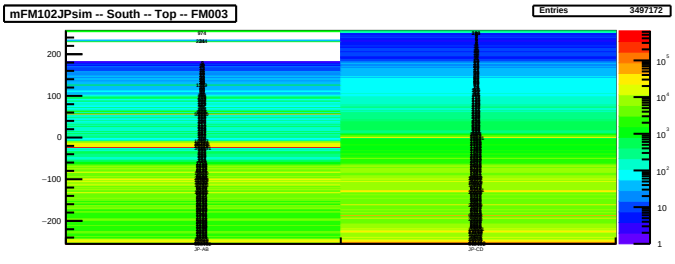
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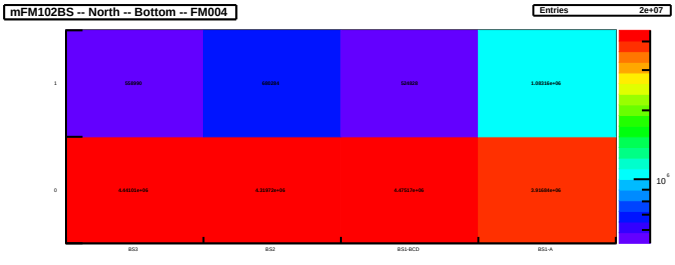
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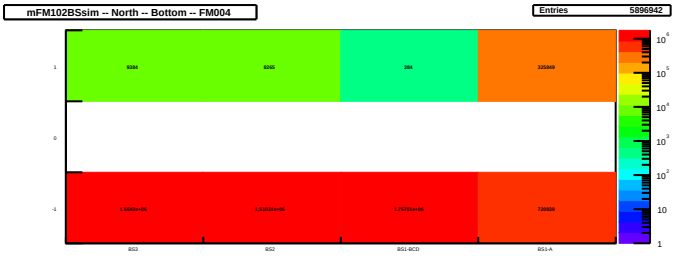
Entries 2e+07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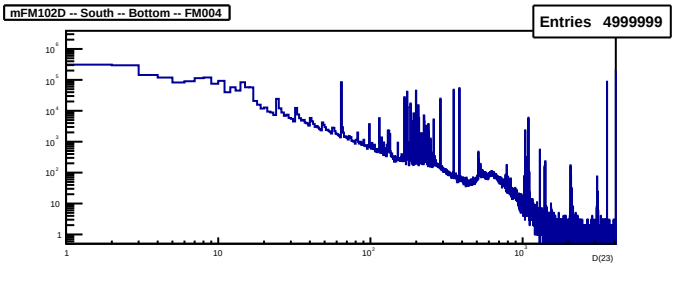
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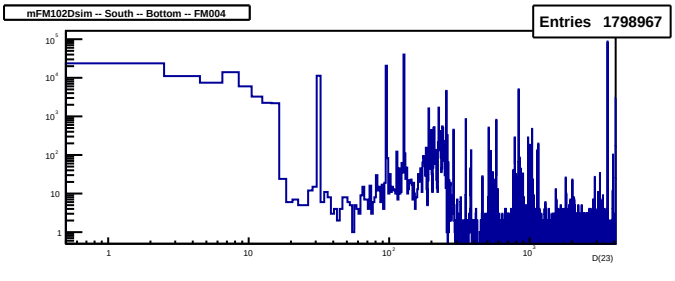
Entries 4999999
D(23)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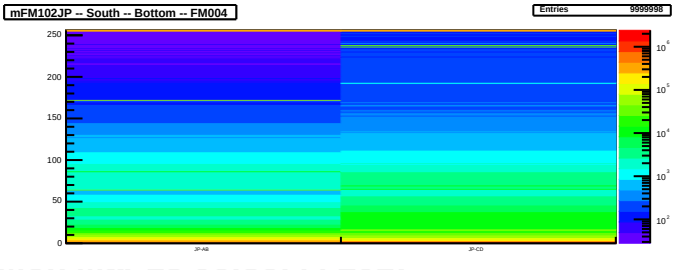
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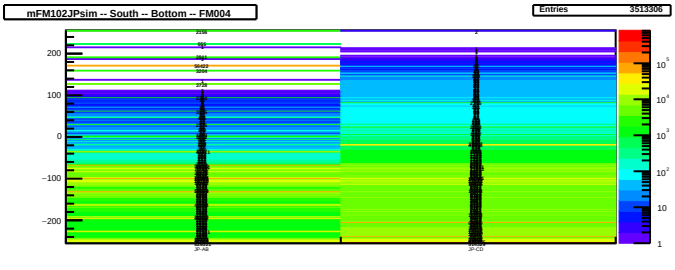
Entries 9999998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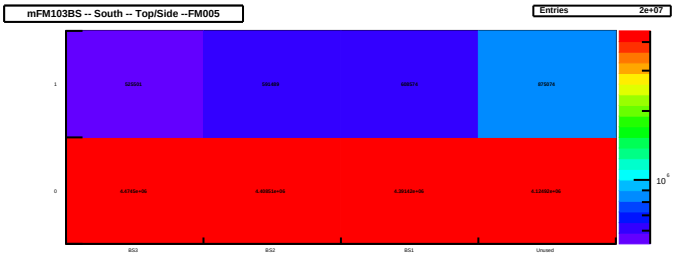
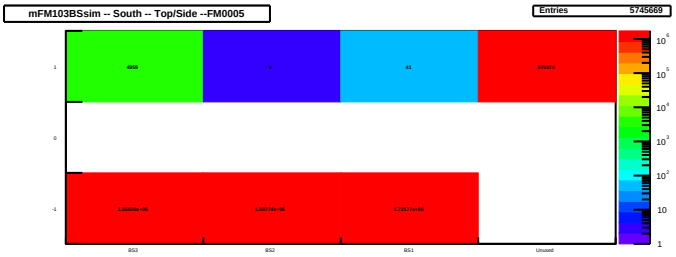

mFM103BS -- South -- Top/Side --FM005
Entries 2e+07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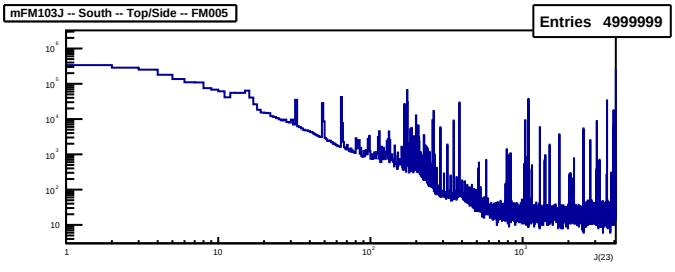
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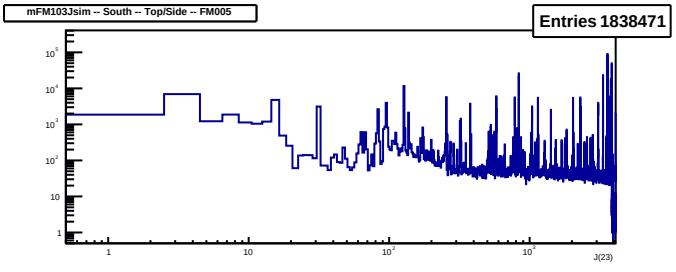
Entries 4999999
J(23)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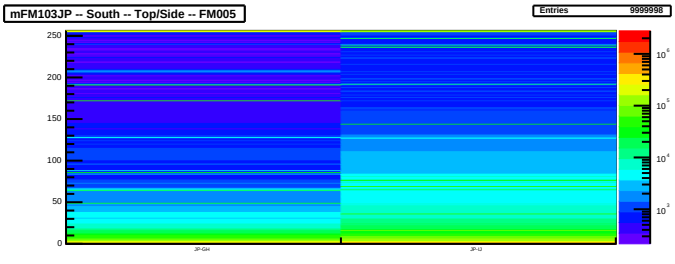
Entries 1838471
J(23)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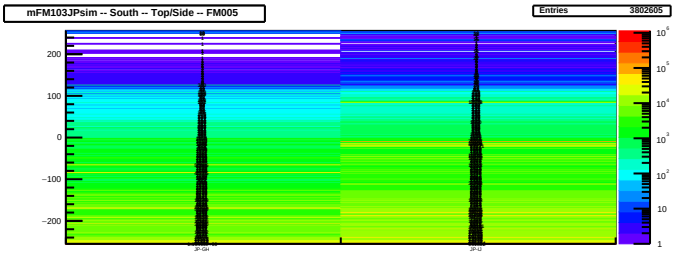
Entries 9999998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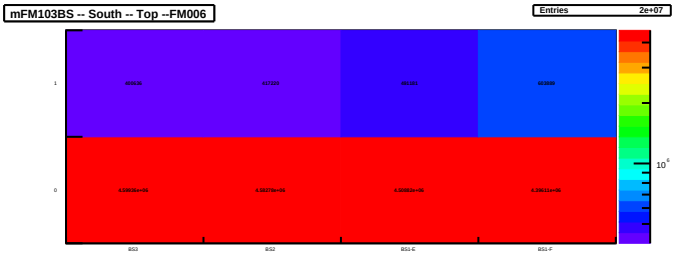
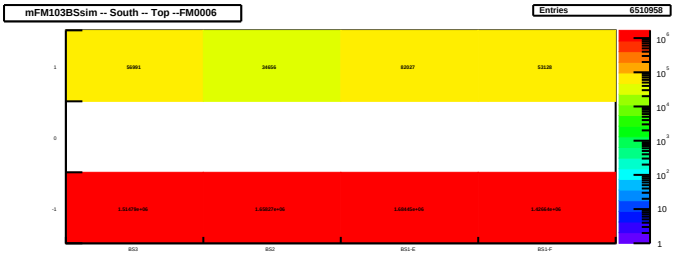

mFM103BS -- South -- Top --FM006
Entries 2e+07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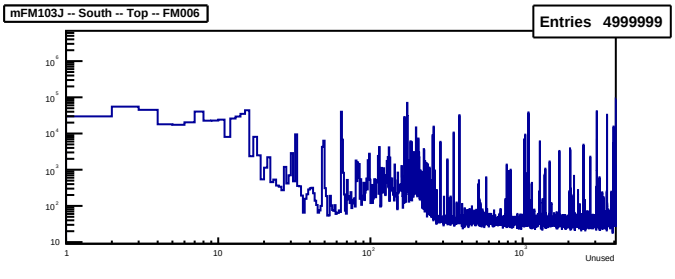
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Entries 4999999
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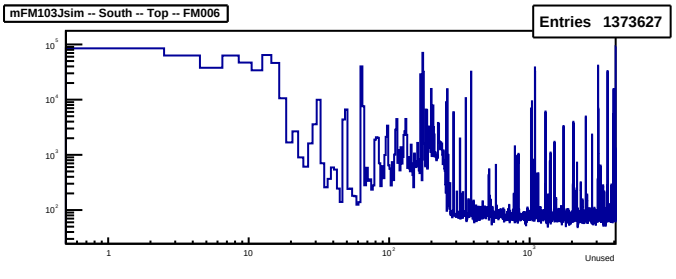
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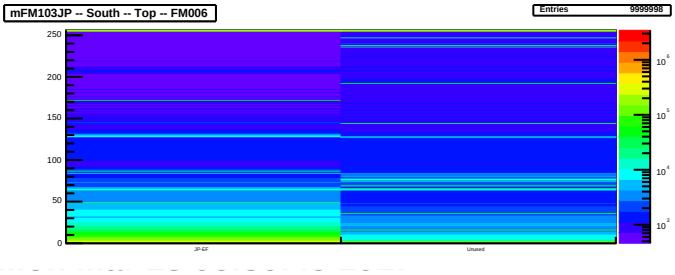
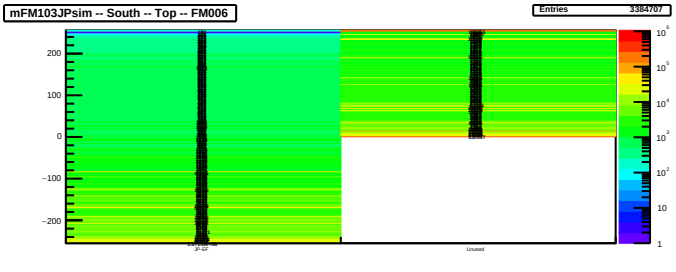

mFM103JP -- South -- Top -- FM006
Entries 9999998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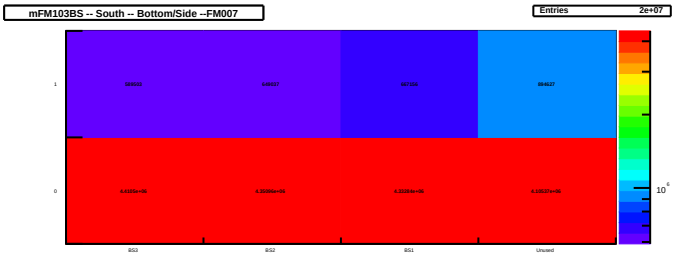
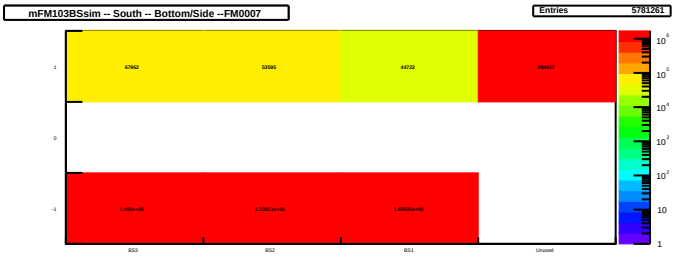

mFM103BS -- South -- Bottom/Side --FM007
Entries 2e+07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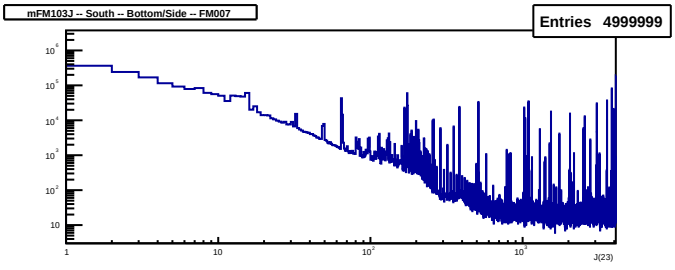
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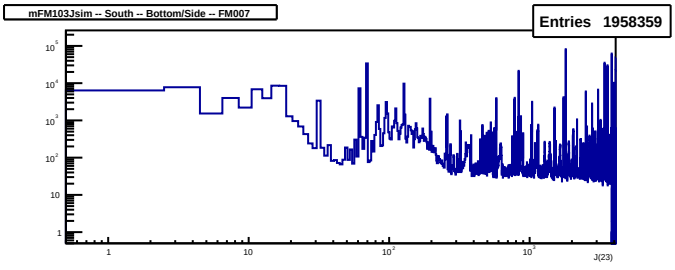
Entries 4999999
J(23)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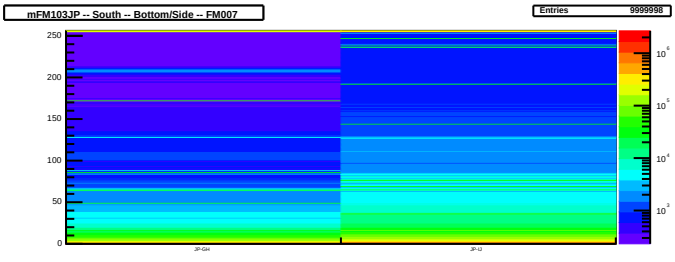
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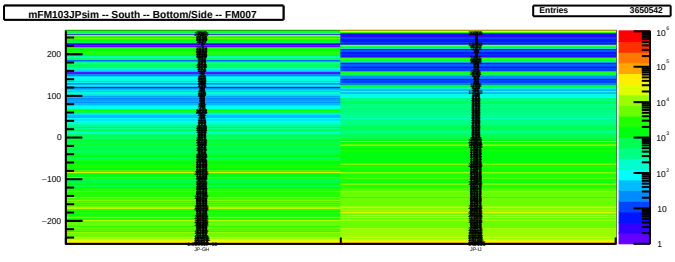
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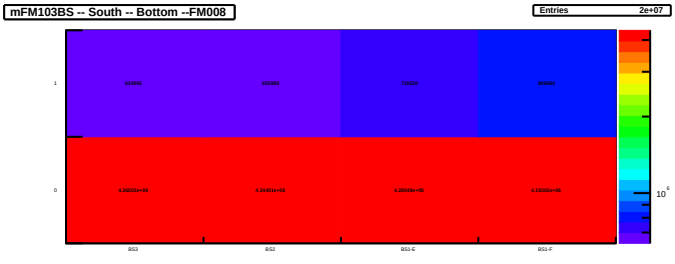
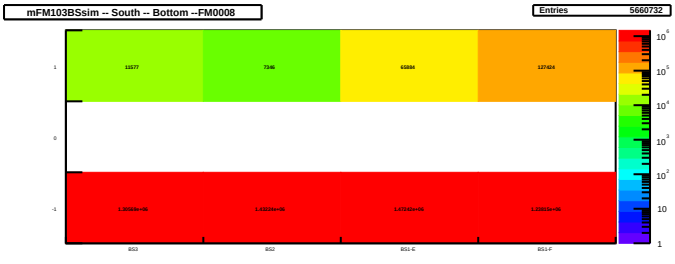
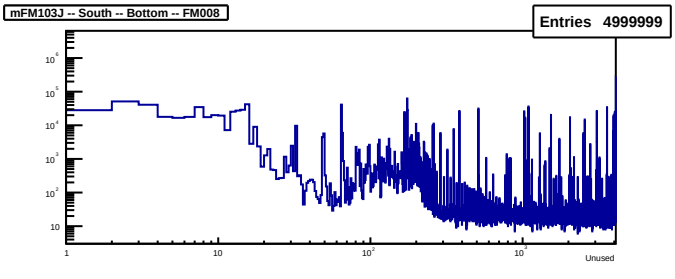
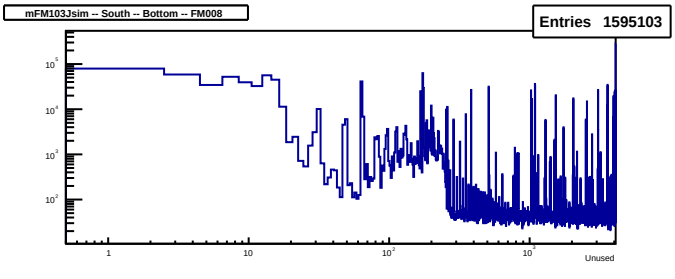
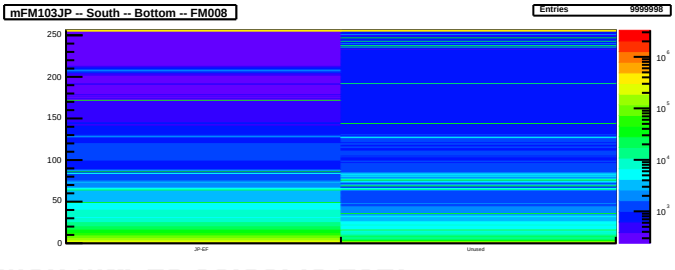
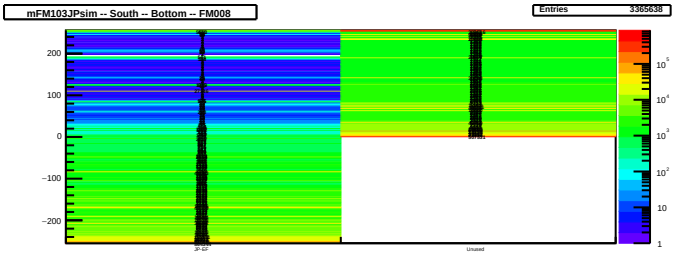

mFM103BS -- South -- Bottom --FM008
Entries 2e+07

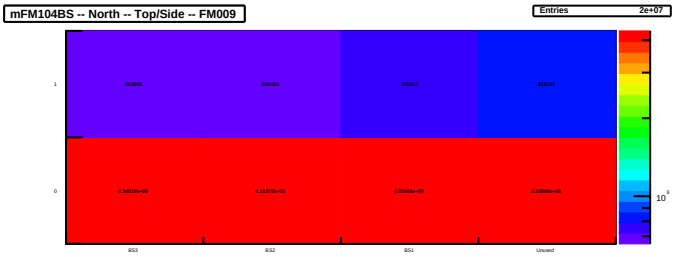

mFM103BSsim -- South -- Bottom --FM0008
Entries 5660732

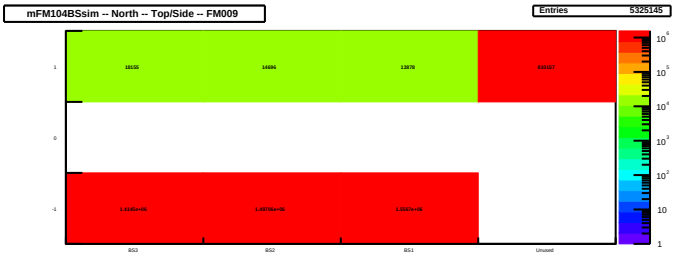

mFM103J -- South -- Bottom -- FM008
Entries 4999999
Unused

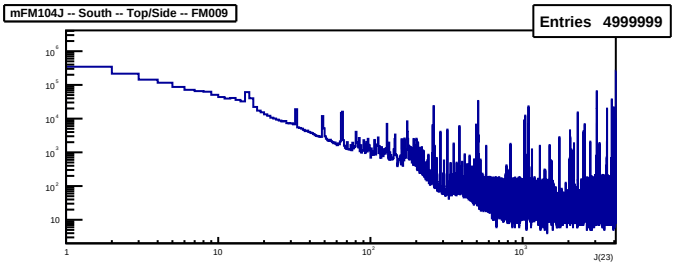

mFM103Jsim -- South -- Bottom -- FM008
Entries 1595103
Unused

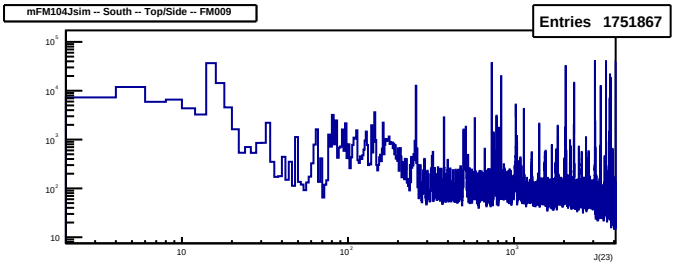

mFM103JP -- South -- Bottom -- FM008
Entries 9999998


mFM103JPsim -- South -- Bottom -- FM008
Entries 3365638


mFM104BS -- North -- Top/Side -- FM009
Entries 2e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5325145


mFM104J -- South -- Top/Side -- FM009
Entries 4999999
J(23)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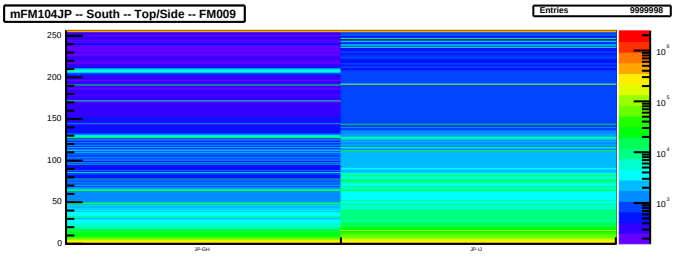
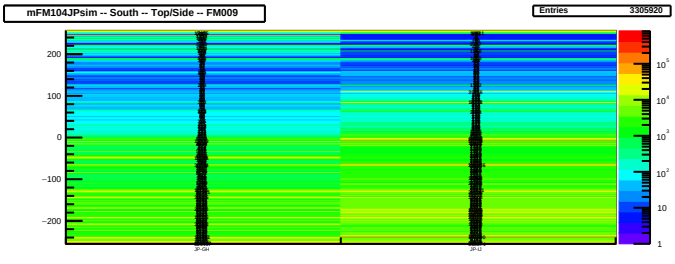
Entries 1751867
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9999998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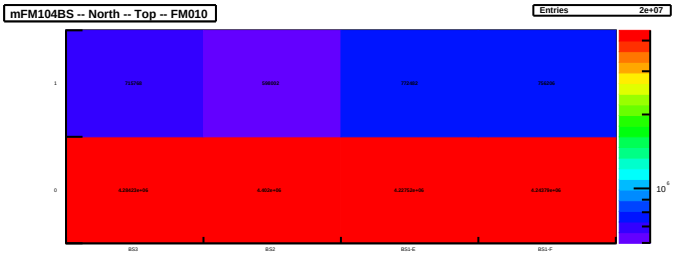
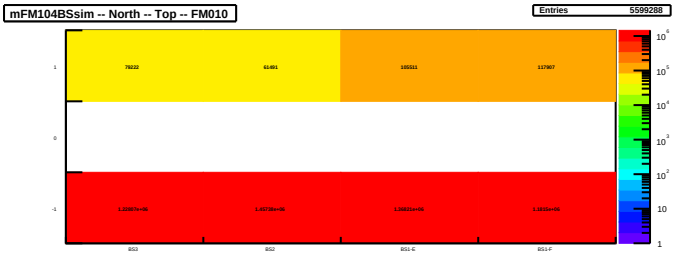
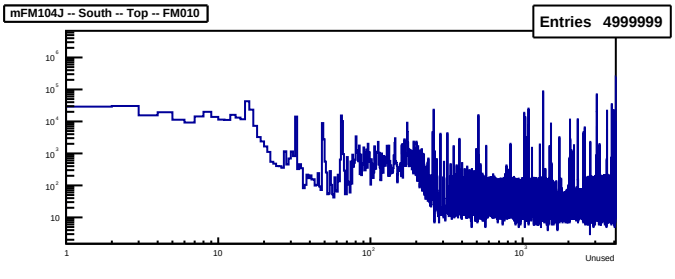
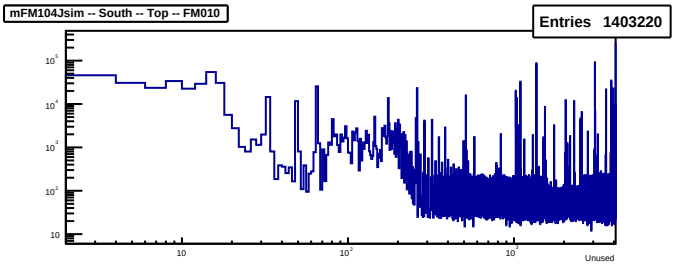
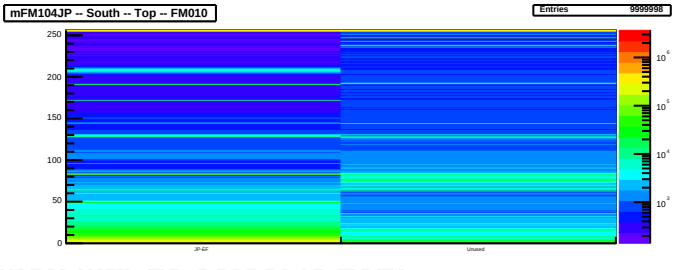
Entries 3305920

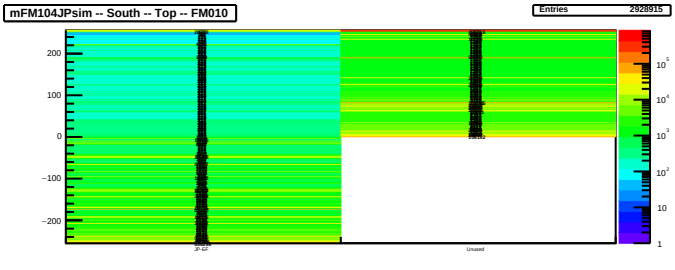

mFM104BS -- North -- Top -- FM010
Entries 2e+07

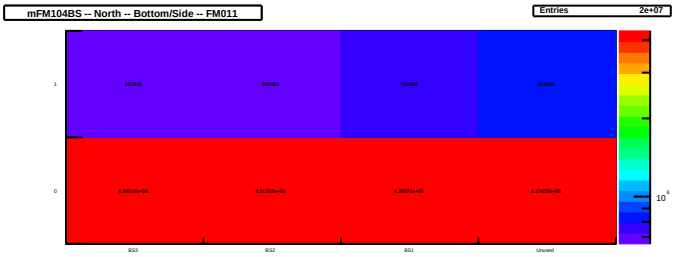

mFM104BSsim -- North -- Top -- FM010
Entries 5599288

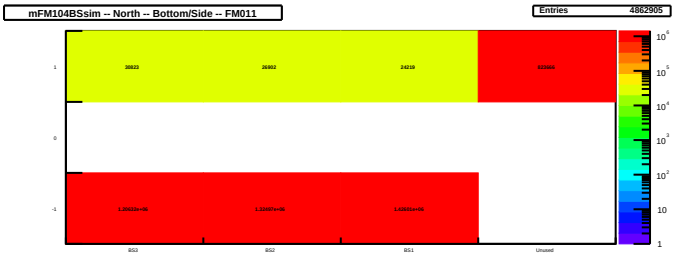

mFM104J -- South -- Top -- FM010
Entries 4999999
Unused

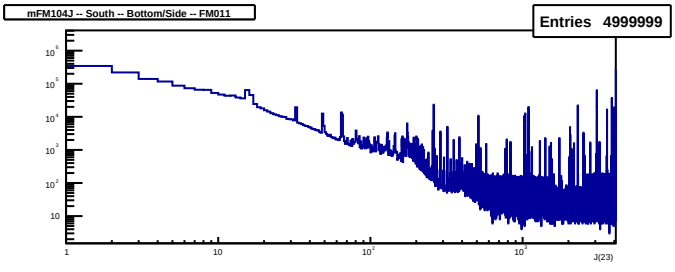

mFM104Jsim -- South -- Top -- FM010
Entries 1403220
Unused

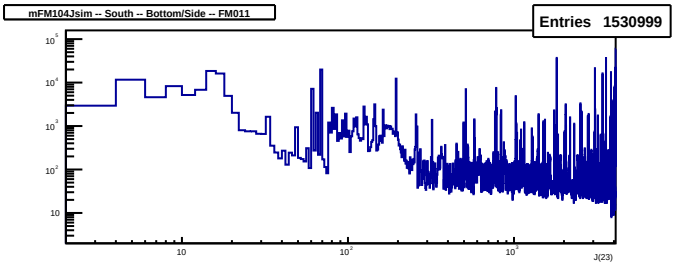

mFM104JP -- South -- Top -- FM010
Entries 9999998

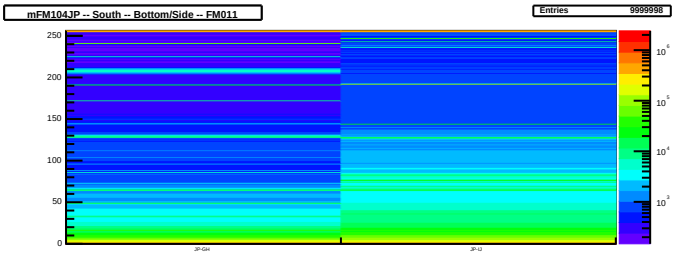

mFM104JPsim -- South -- Top -- FM010
Entries 2928915

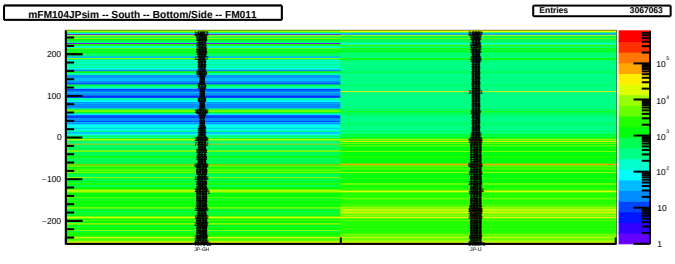

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2e+07

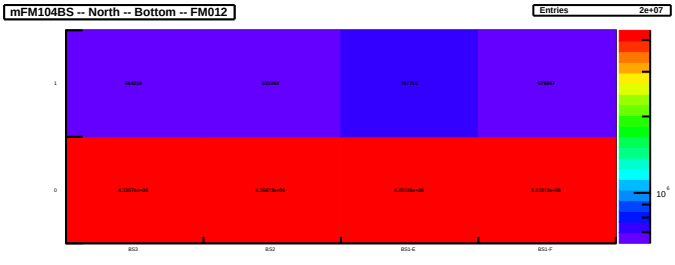

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4862905

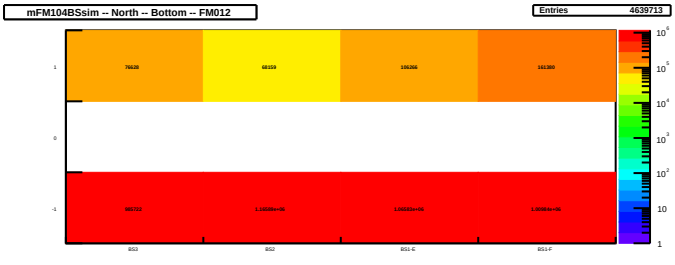

mFM104J -- South -- Bottom/Side -- FM011
Entries 4999999
J(23)

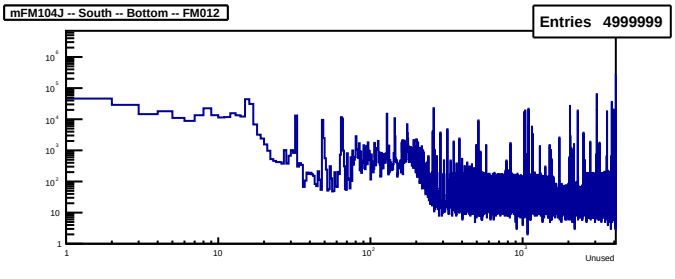

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1530999
J(23)

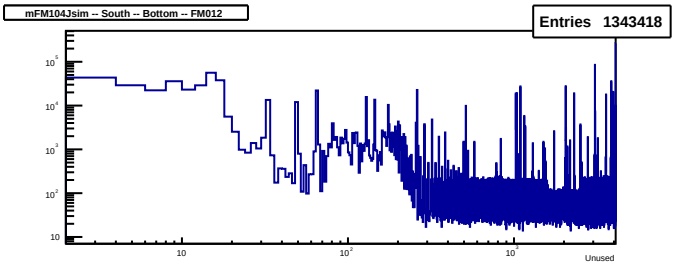

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9999998

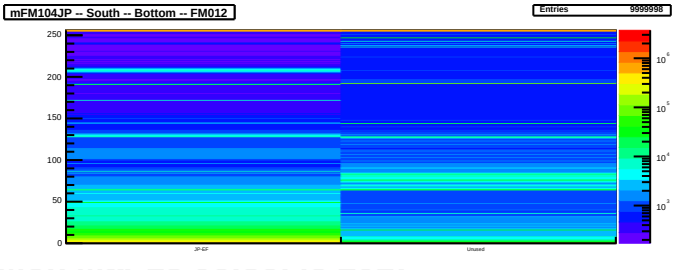

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3067063

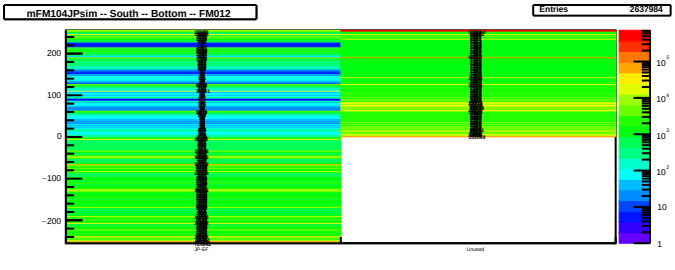

mFM104BS -- North -- Bottom -- FM012
Entries 2e+07

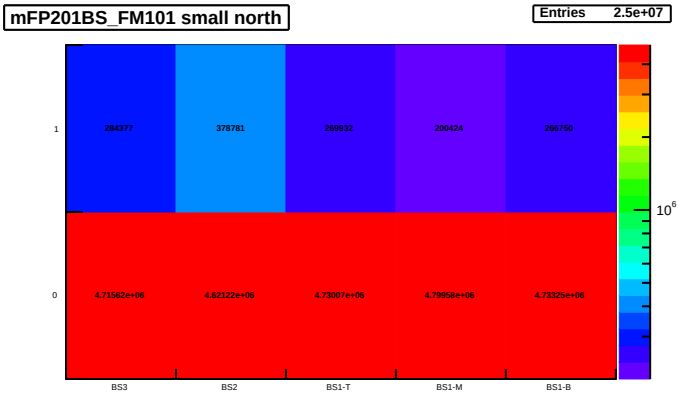

mFM104BSsim -- North -- Bottom -- FM012
Entries 4639713

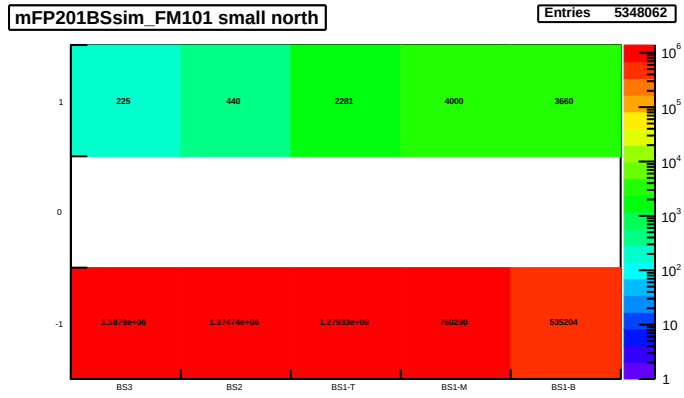

mFM104J -- South -- Bottom -- FM012
Entries 4999999
Unused

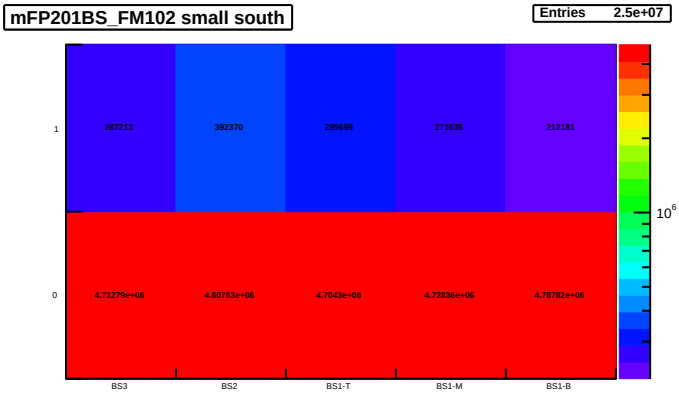

mFM104Jsim -- South -- Bottom -- FM012
Entries 1343418
Unused

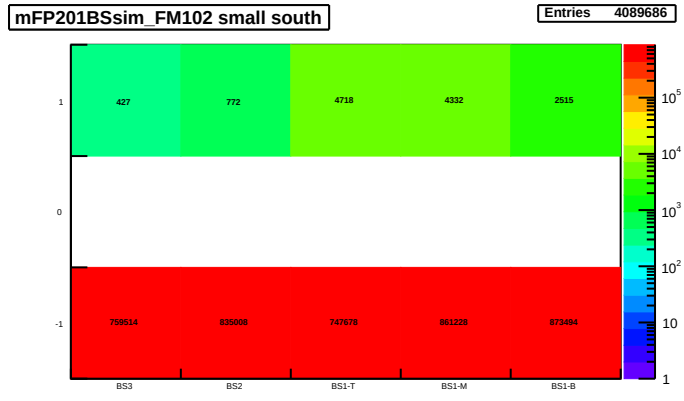

mFM104JP -- South -- Bottom -- FM012
Entries 9999998

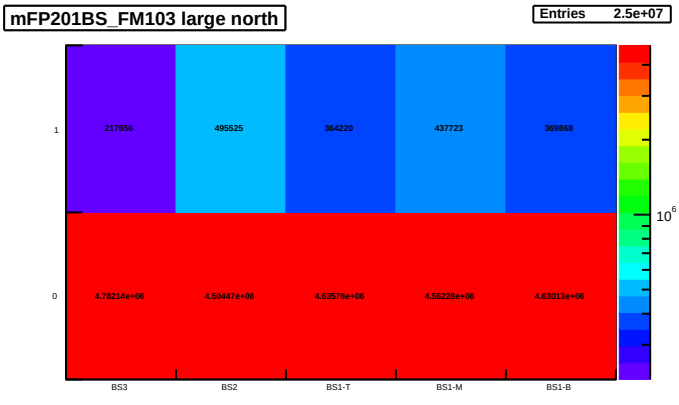

mFM104JPsim -- South -- Bottom -- FM012
Entries 2637984

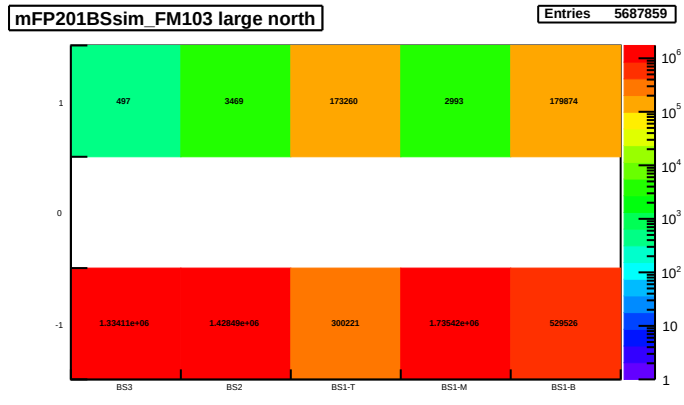

mFP201BS_FM101 small north
Entries 2.5e+07
284377
378781
269932
200424
266750
4.71562e+06
4.62122e+06
4.73007e+06
4.79958e+06
4.73325e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

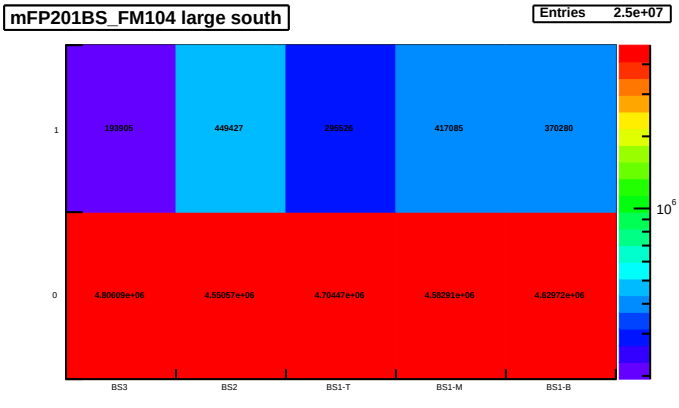

mFP201BSsim_FM101 small north
Entries 5348062
225
440
2281
4000
3660
1.3879e+06
1.37474e+06
1.27933e+06
760290
535204
BS3
BS2
BS1-T
BS1-M
BS1-B

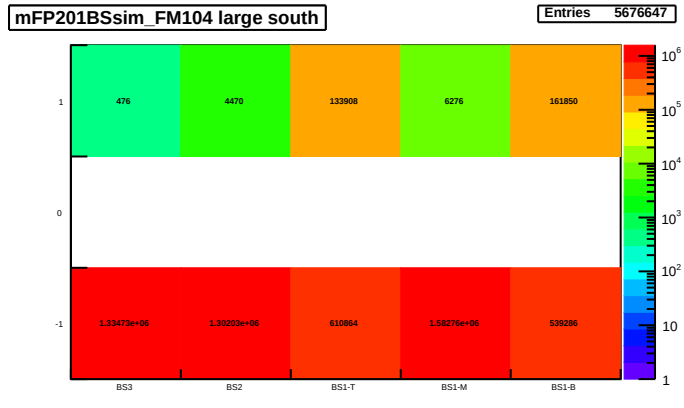

mFP201BS_FM102 small south
Entries 2.5e+07
287213
392370
295699
271636
212181
4.71279e+06
4.60763e+06
4.7043e+06
4.72836e+06
4.78782e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

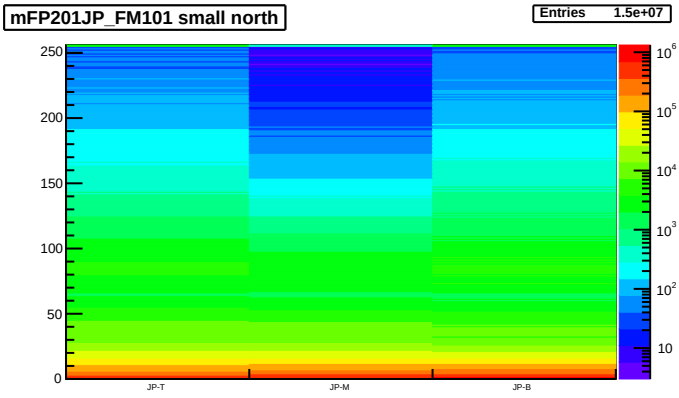

mFP201BSsim_FM102 small south
Entries 4089686
427
772
4718
4332
2515
759514
835008
747678
861228
873494
BS3
BS2
BS1-T
BS1-M
BS1-B

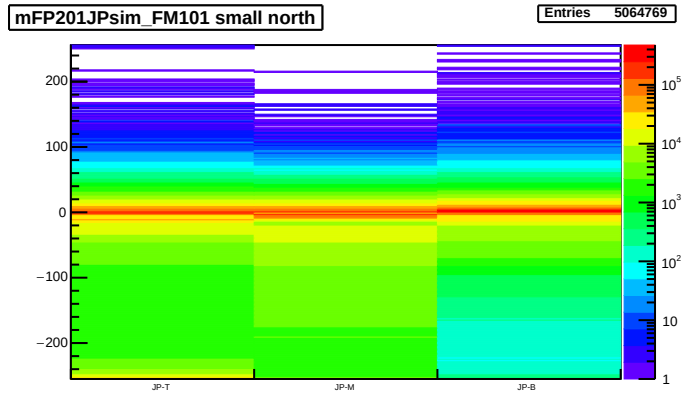

mFP201BS_FM103 large north
Entries 2.5e+07
217856
495525
364220
437723
369868
4.78214e+06
4.50447e+06
4.63578e+06
4.56228e+06
4.63013e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

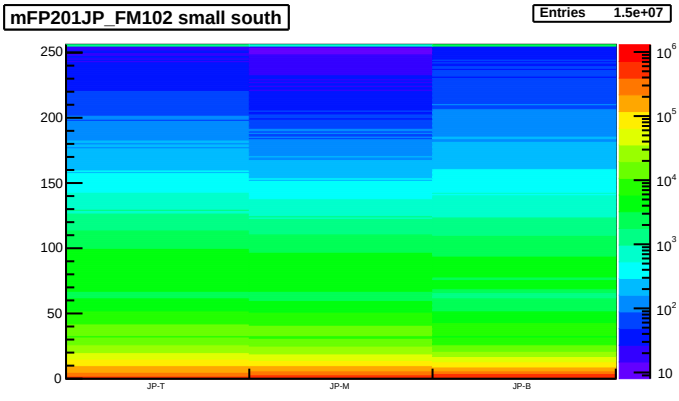

mFP201BSsim_FM103 large north
Entries 5687859
497
3469
173260
2993
179874
1.33411e+06
1.42849e+06
300221
1.73542e+06
529526
BS3
BS2
BS1-T
BS1-M
BS1-B

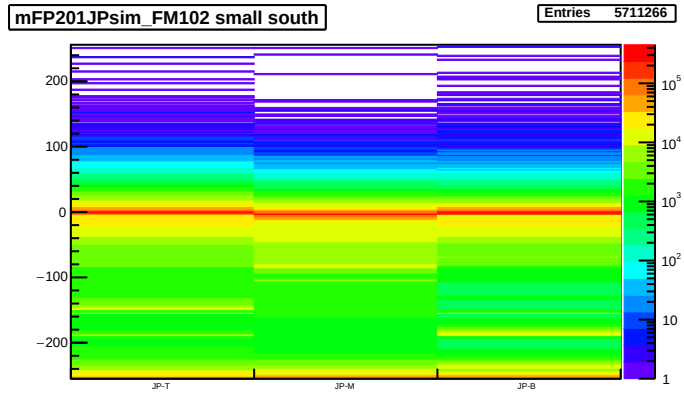

mFP201BS_FM104 large south
Entries 2.5e+07
193905
449427
295526
417085
370280
4.80609e+06
4.55057e+06
4.70447e+06
4.58291e+06
4.62972e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

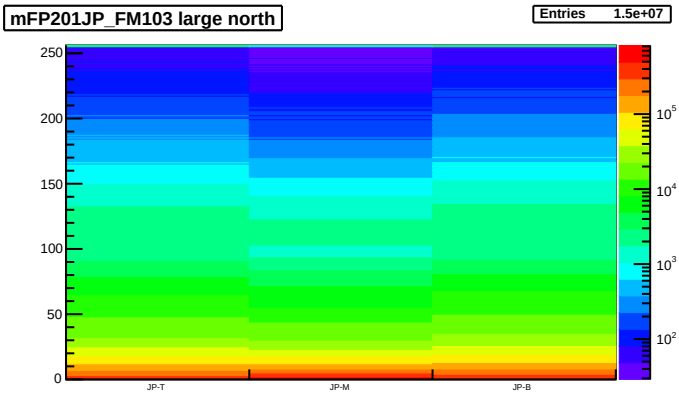

mFP201BSsim_FM104 large south
Entries 5676647
476
4470
133908
6276
161850
1.33473e+06
1.30203e+06
610864
1.58276e+06
539286
BS3
BS2
BS1-T
BS1-M
BS1-B

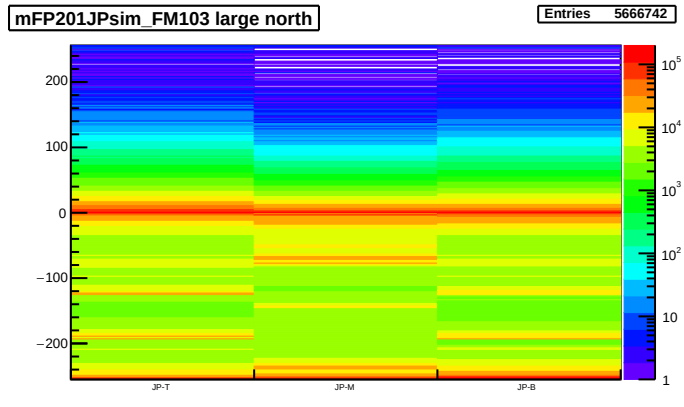

mFP201JP_FM101 small north
Entries 1.5e+07
JP-T
JP-M
JP-B

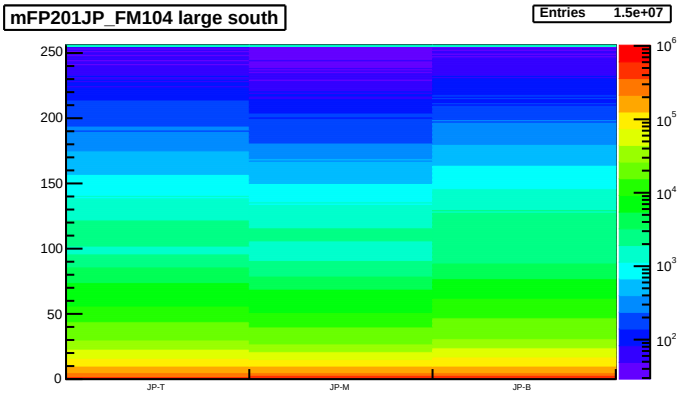

mFP201JPsim_FM101 small north
Entries 5064769
JP-T
JP-M
JP-B

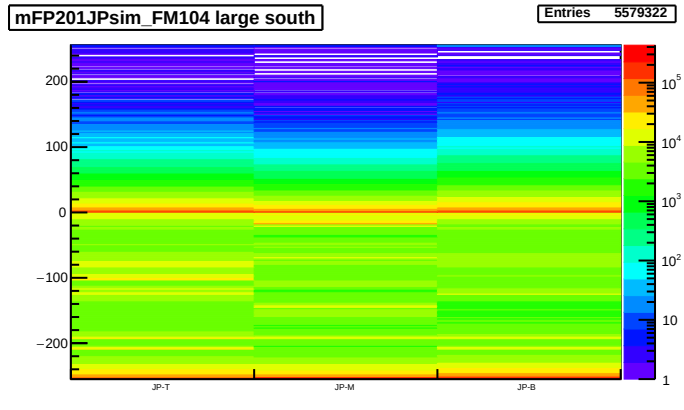

mFP201JP_FM102 small south
Entries 1.5e+07
JP-T
JP-M
JP-B

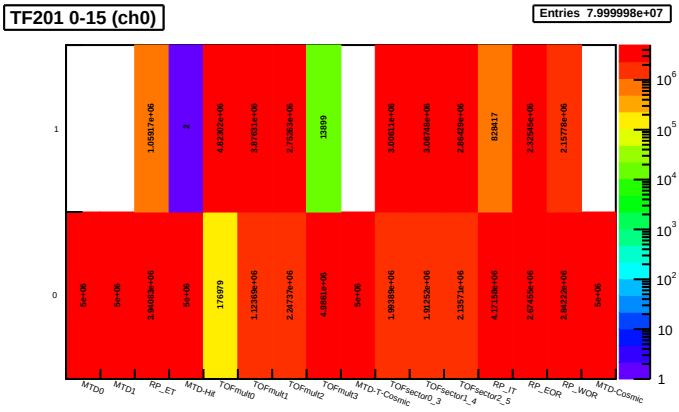

mFP201JPsim_FM102 small south
Entries 5711266
JP-T
JP-M
JP-B

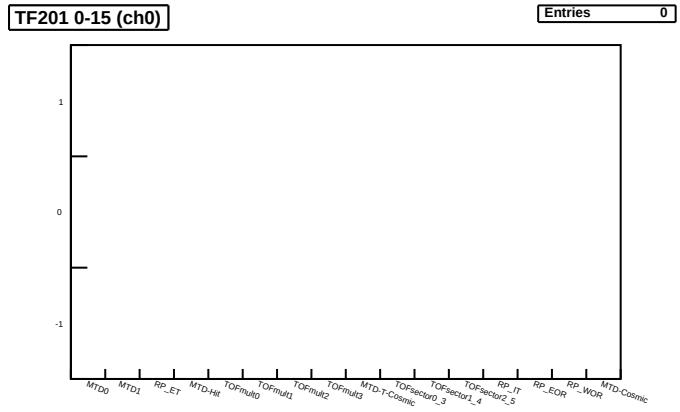

mFP201JP_FM103 large north
Entries 1.5e+07
JP-T
JP-M
JP-B

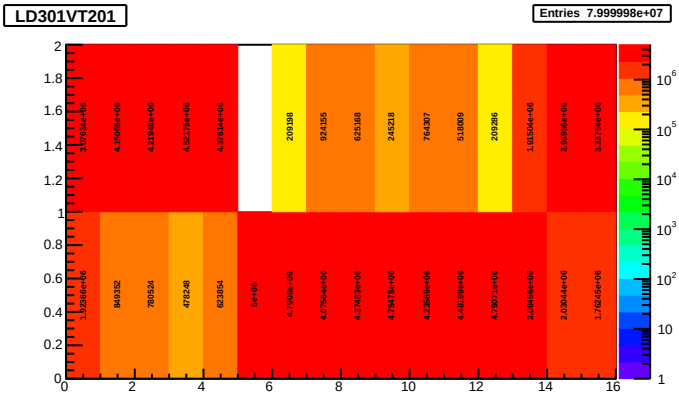

mFP201JPsim_FM103 large north
Entries 5666742
JP-T
JP-M
JP-B

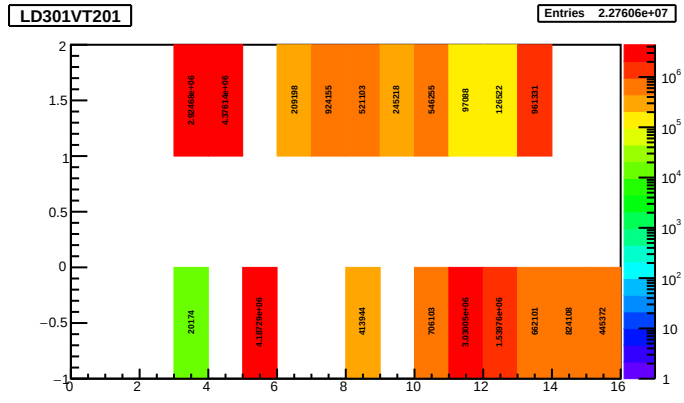

mFP201JP_FM104 large south
Entries 1.5e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5579322
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.999998e+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 7.999998e+07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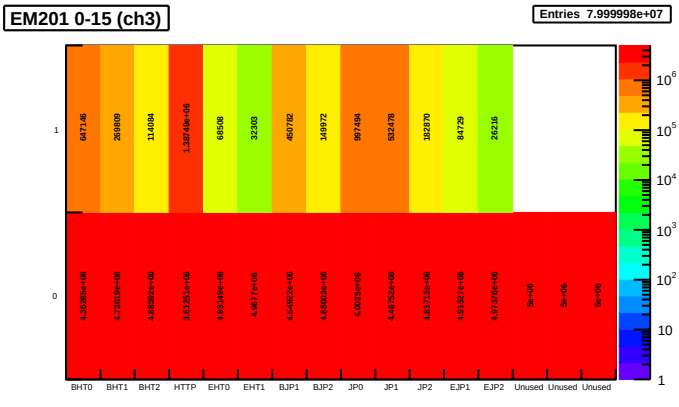
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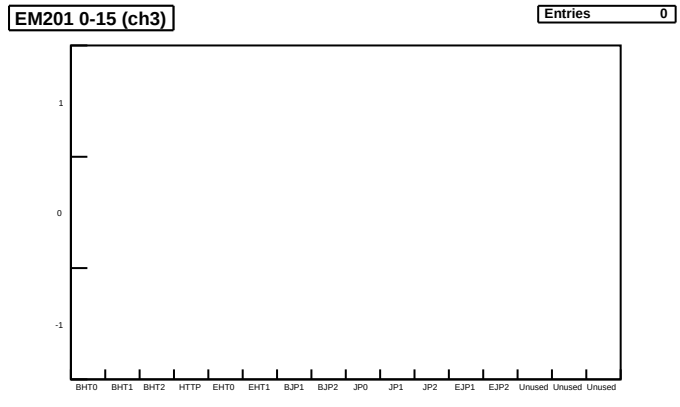
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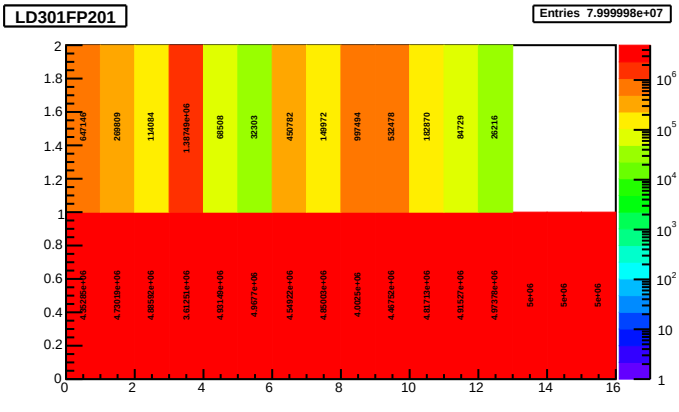
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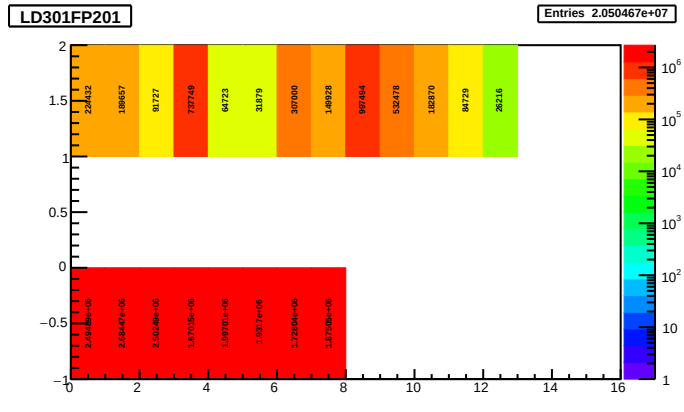
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