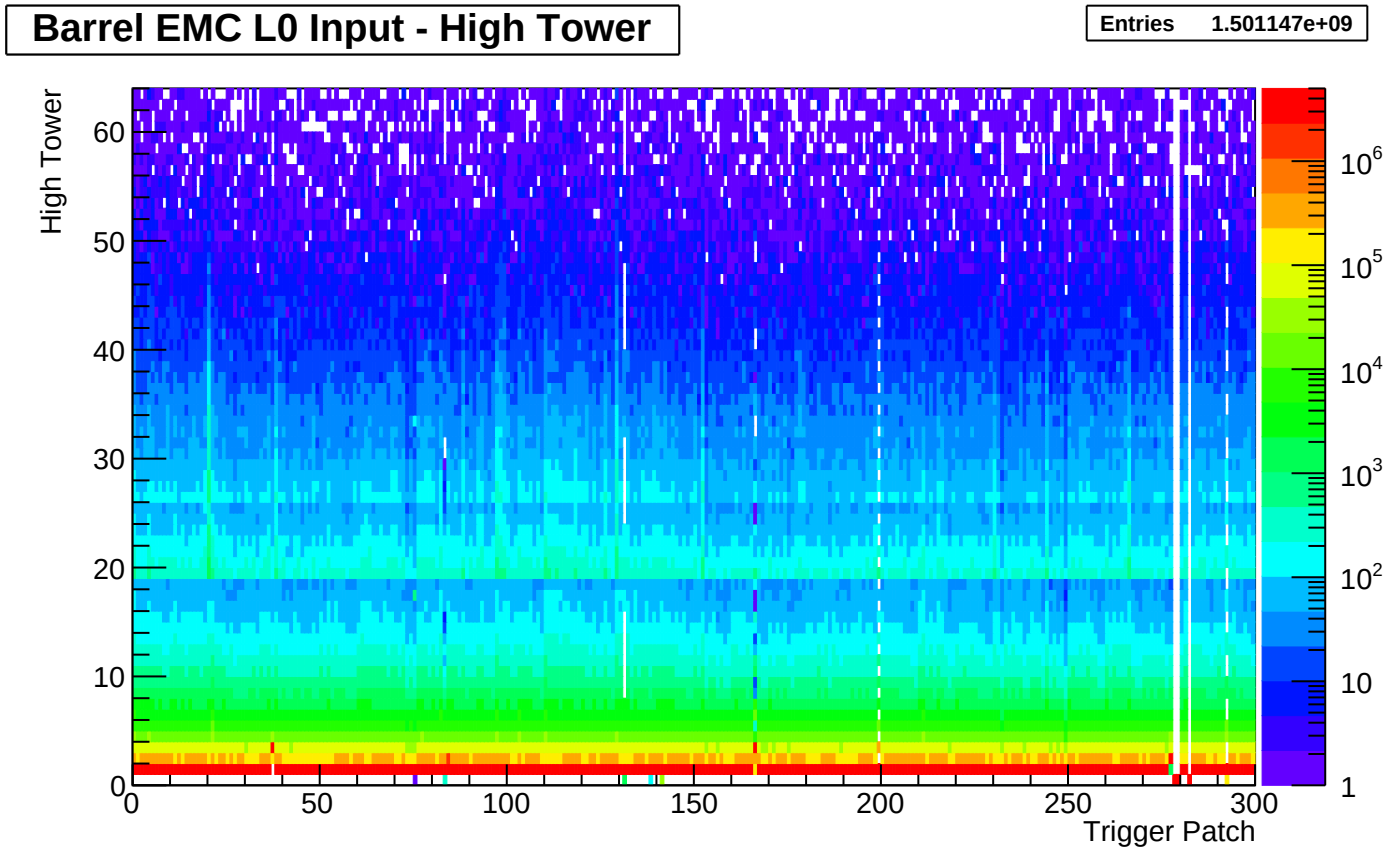
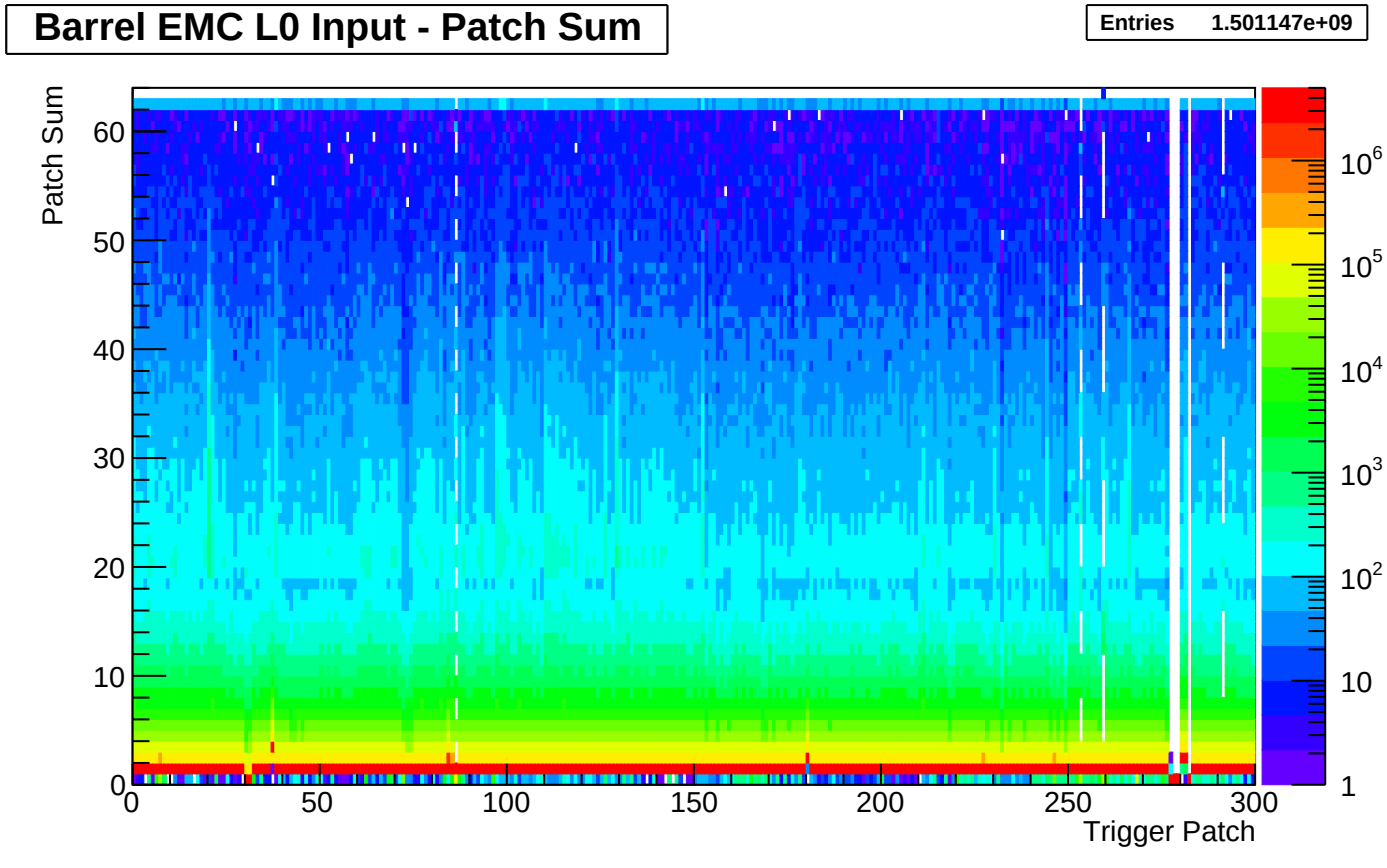
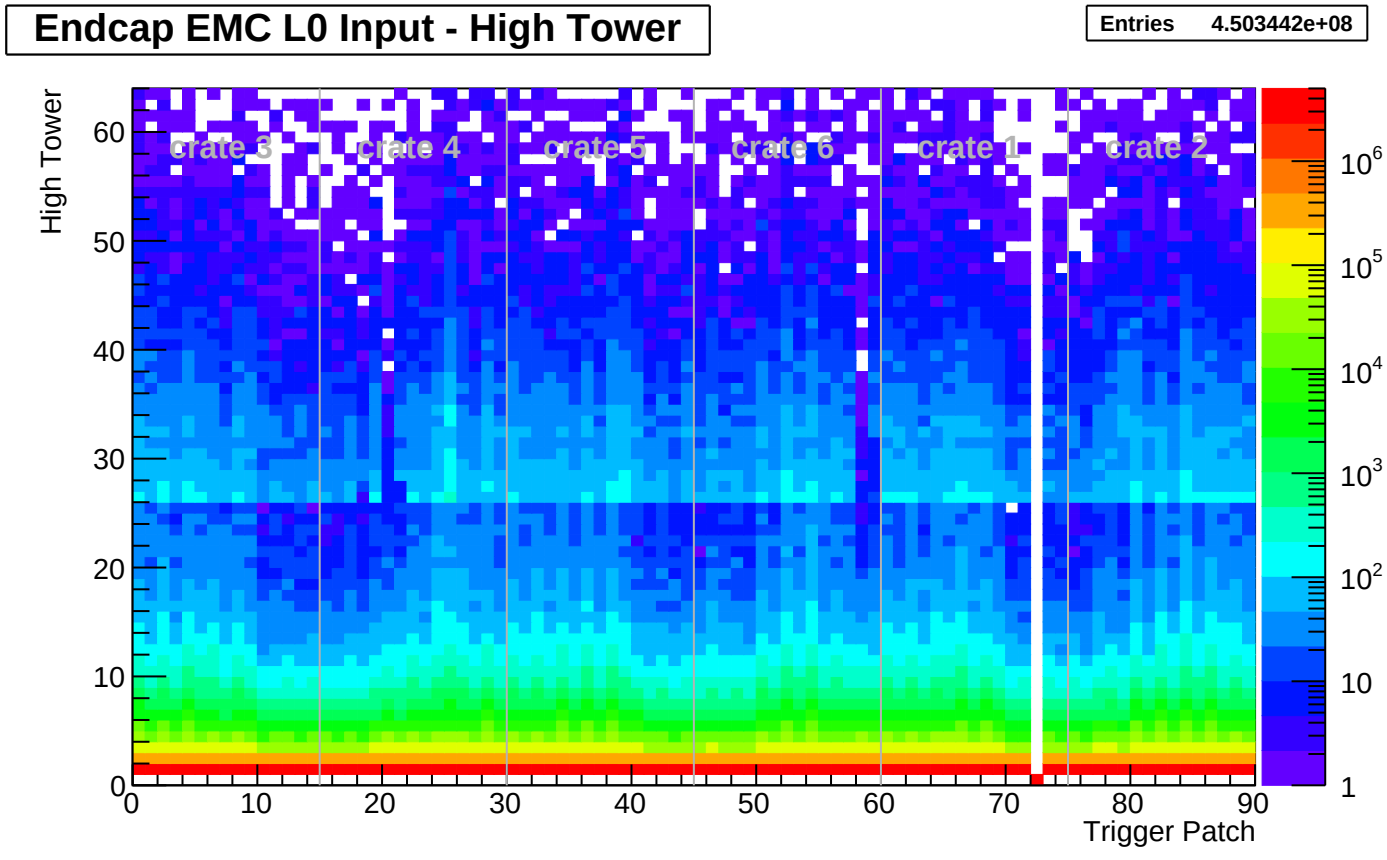
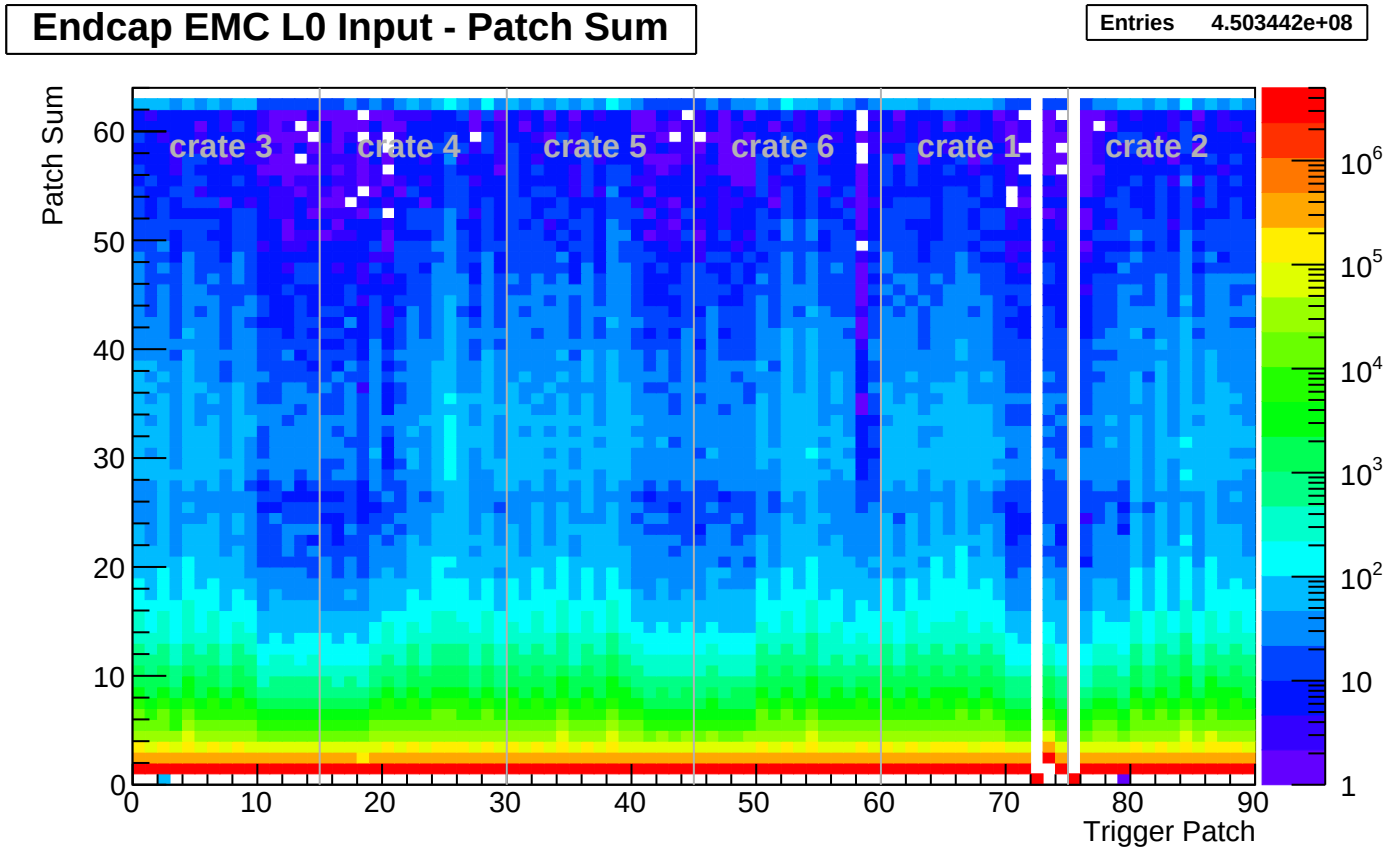
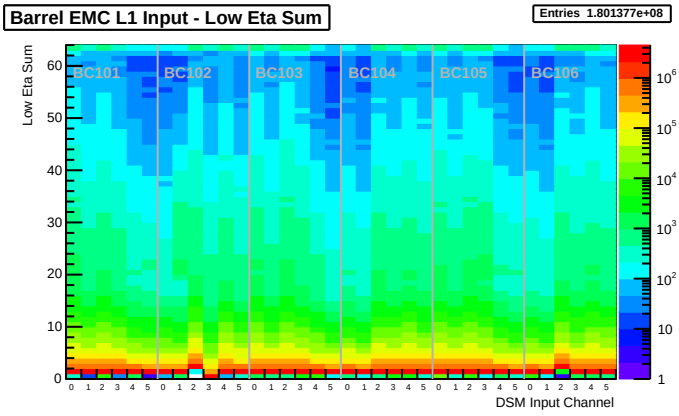
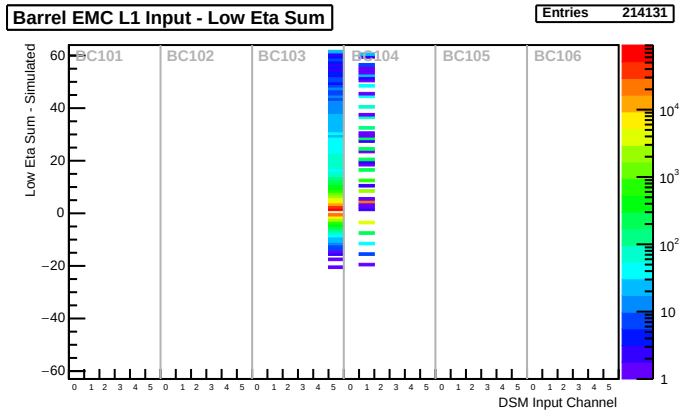

Barrel EMC L0 Input - High Tower
Entries 1.501147e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

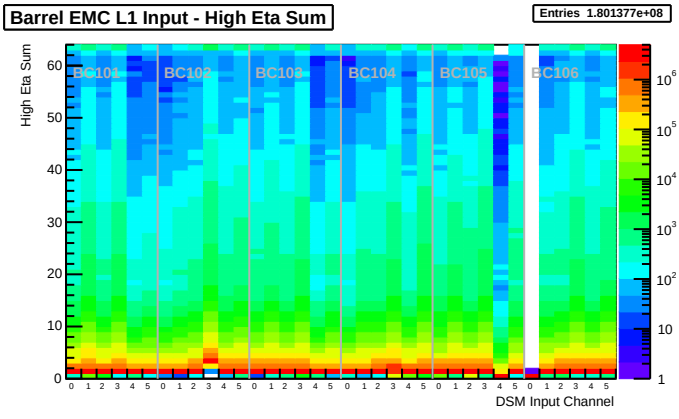

Barrel EMC L0 Input - Patch Sum
Entries 1.501147e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

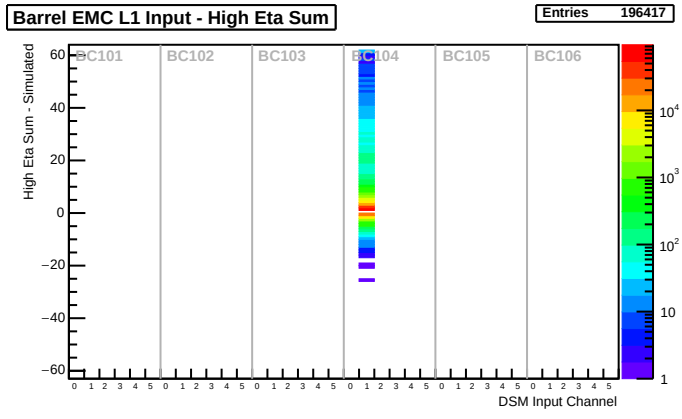

Endcap EMC L0 Input - High Tower
Entries 4.503442e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

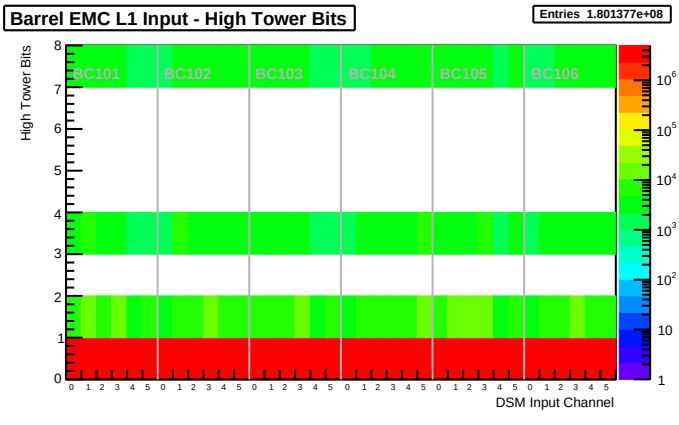

Endcap EMC L0 Input - Patch Sum
Entries 4.503442e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

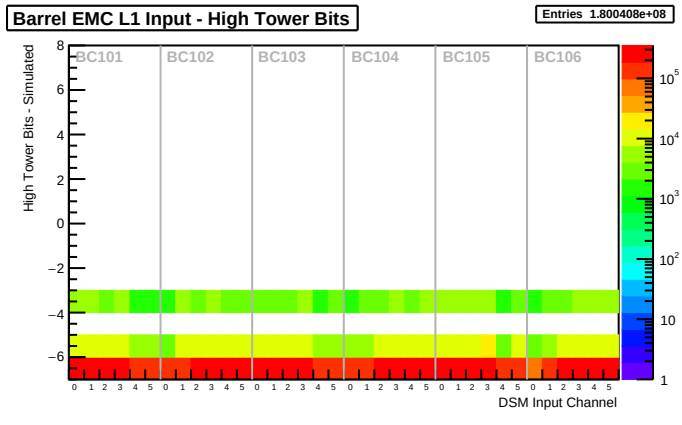

Barrel EMC L1 Input - Low Eta Sum
Entries 1.801377e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

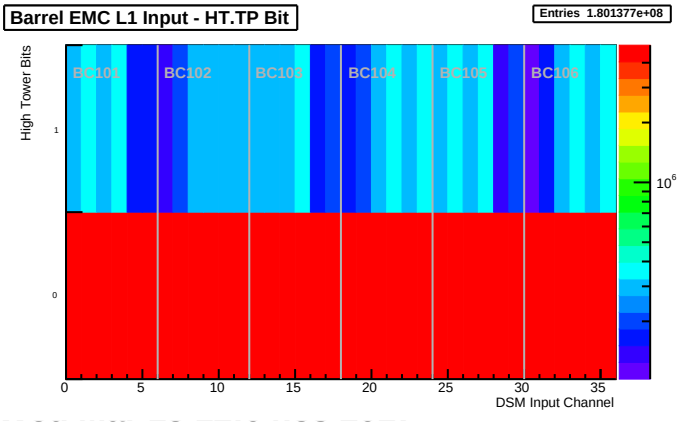

Barrel EMC L1 Input - Low Eta Sum
Entries 214131
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

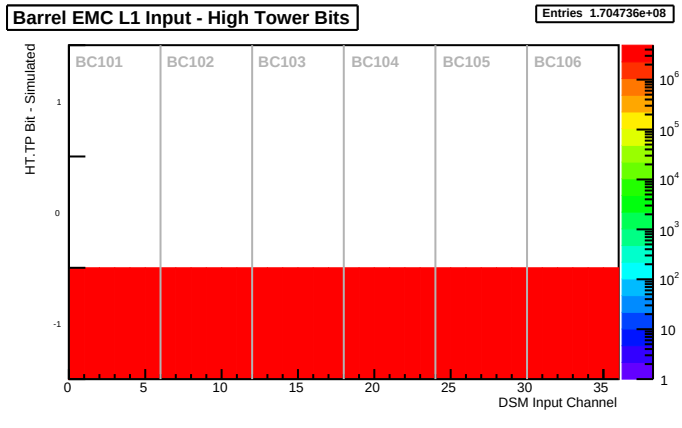

Barrel EMC L1 Input - High Eta Sum
Entries 1.801377e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

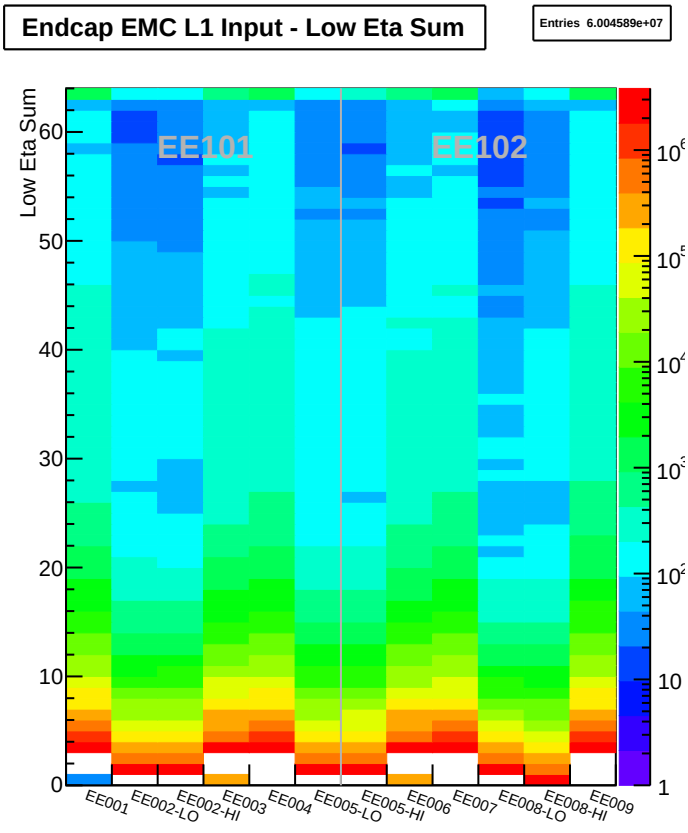

Barrel EMC L1 Input - High Eta Sum
Entries 196417
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

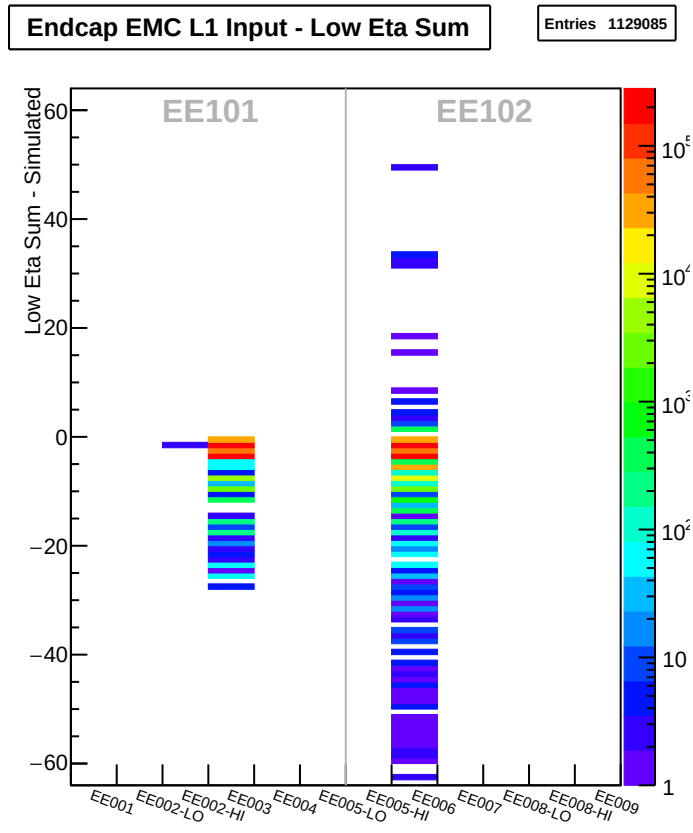

Barrel EMC L1 Input - High Tower Bits
Entries 1.801377e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

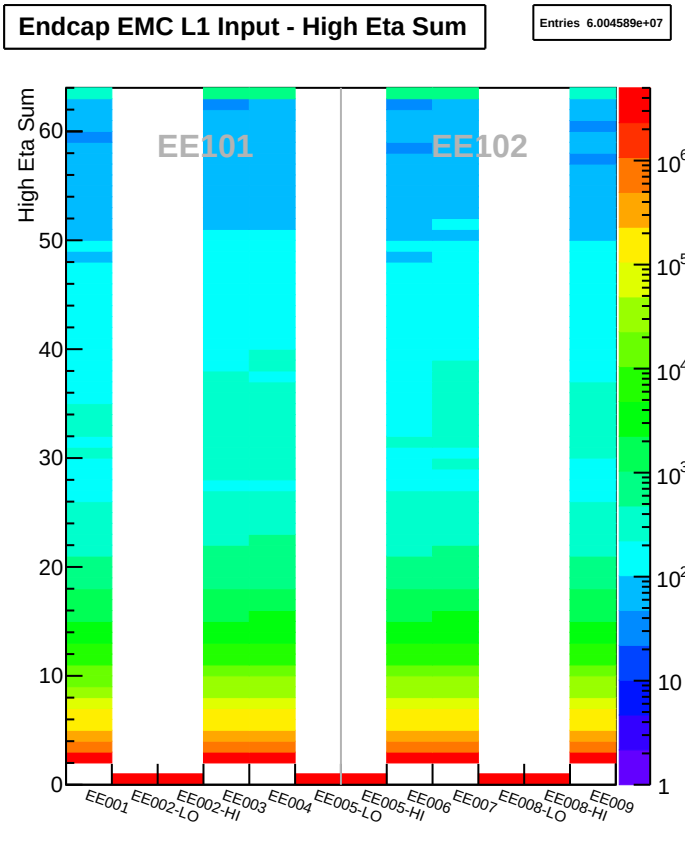

Barrel EMC L1 Input - High Tower Bits
Entries 1.800408e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

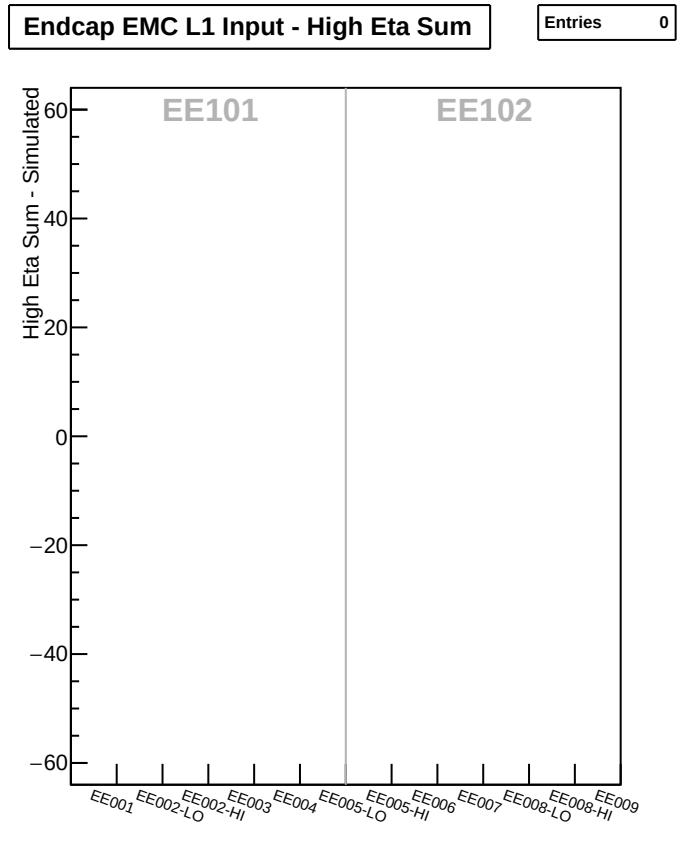

Barrel EMC L1 Input - HT.TP Bit
Entries 1.801377e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

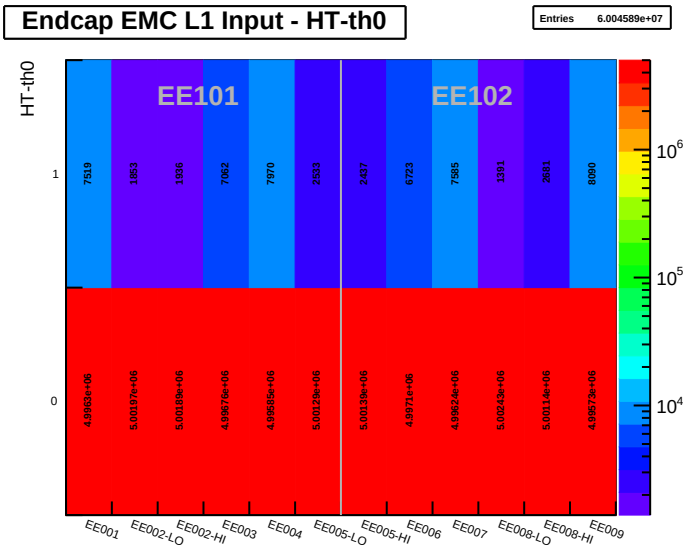

Barrel EMC L1 Input - High Tower Bits
Entries 1.704736e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

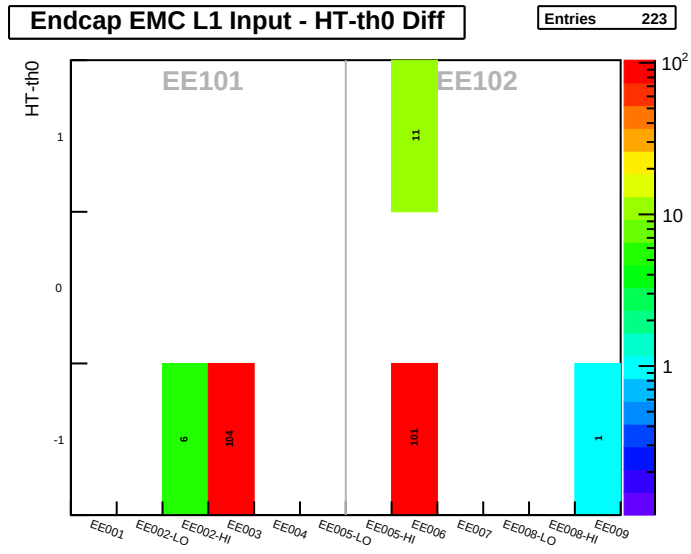

Endcap EMC L1 Input - Low Eta Sum
Entries 6.004589e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

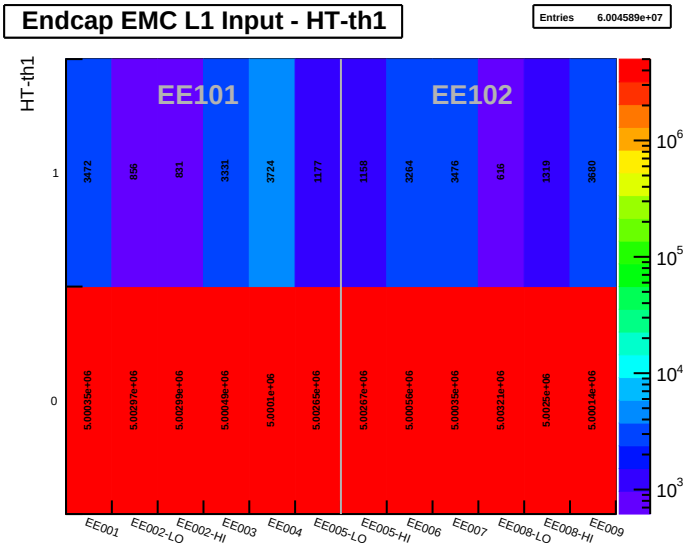

Endcap EMC L1 Input - Low Eta Sum
Entries 1129085
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

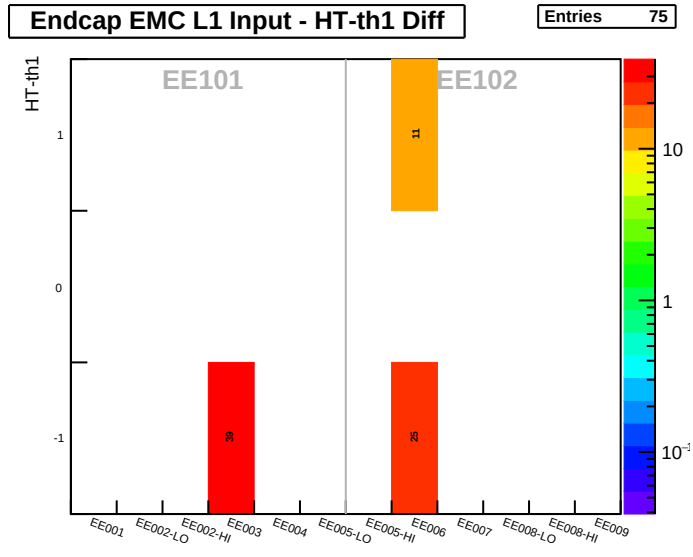

Endcap EMC L1 Input - High Eta Sum
Entries 6.004589e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

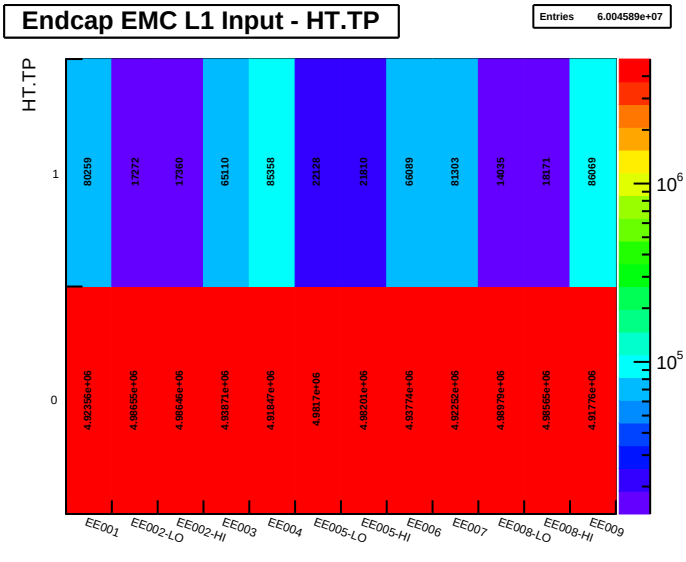

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

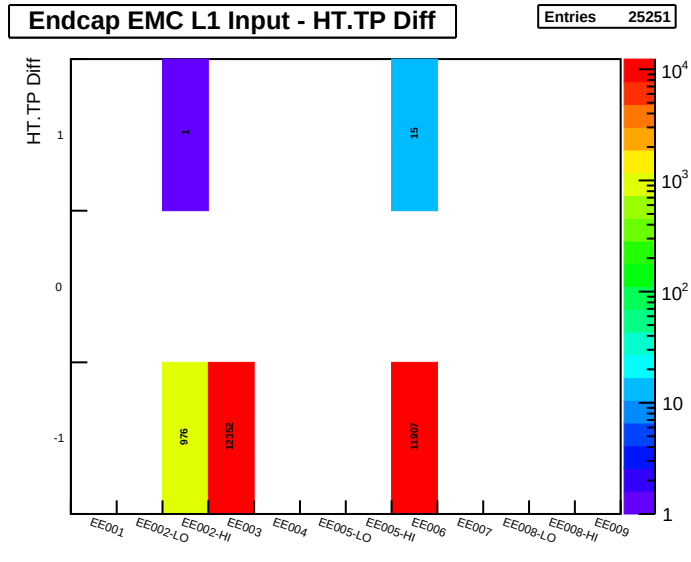

Endcap EMC L1 Input - HT-th0
Entries 6.004589e+07
HT-th0
EE101
EE102
7519 1853 1936 7062 7970 2533 2437 6723 7585 1391 2681 8090
4.99634e+06 5.00197e+06 5.00189e+06 4.99676e+06 4.99685e+06 5.00129e+06 5.00139e+06 4.9971e+06 4.99624e+06 5.00243e+06 5.00114e+06 4.99573e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

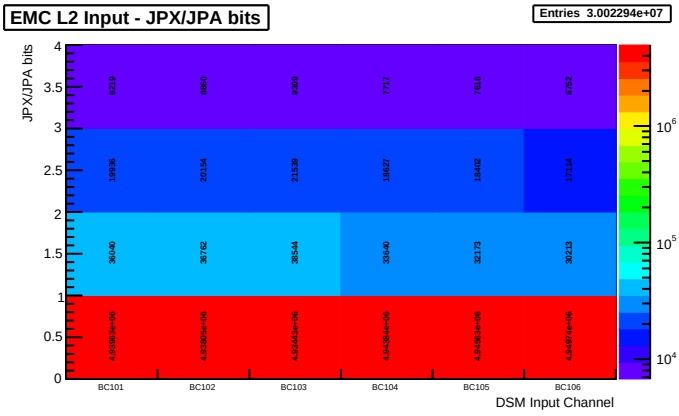

Endcap EMC L1 Input - HT-th0 Diff
Entries 223
HT-th0
EE101
EE102
11
6 104 101 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

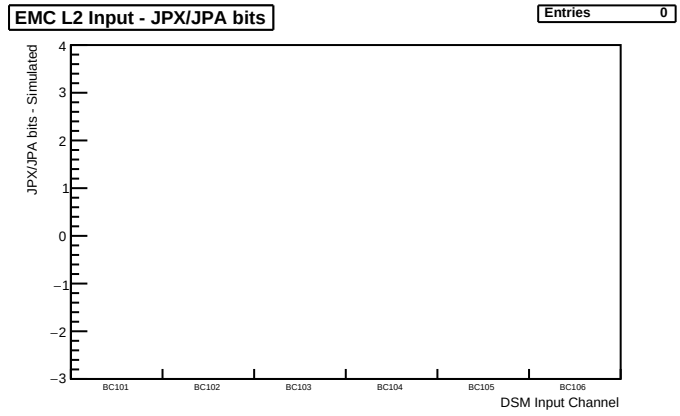

Endcap EMC L1 Input - HT-th1
Entries 6.004589e+07
HT-th1
EE101
EE102
3472 856 831 3331 3724 1177 1158 3264 3476 616 1319 3680
5.00035e+06 5.00297e+06 5.00298e+06 5.00049e+06 5.0001e+06 5.00265e+06 5.00267e+06 5.00056e+06 5.00035e+06 5.00321e+06 5.0025e+06 5.00014e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

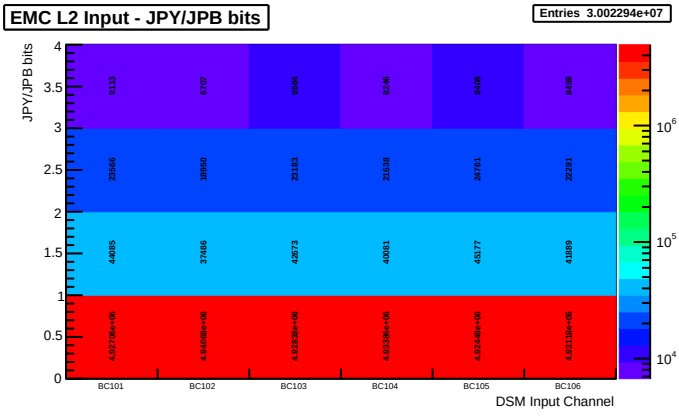

Endcap EMC L1 Input - HT-th1 Diff
Entries 75
HT-th1
EE101
EE102
11
39 25
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

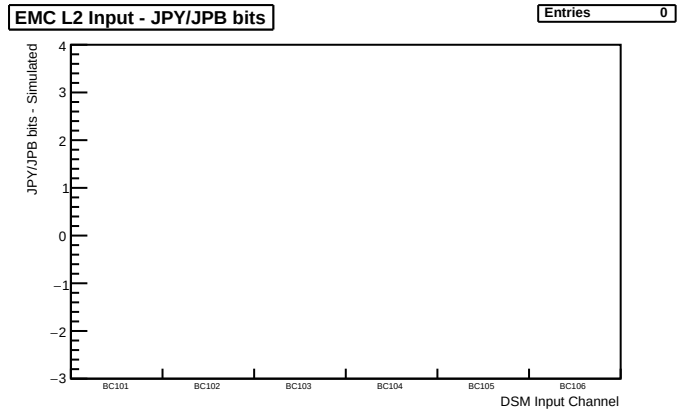

Endcap EMC L1 Input - HT.TP
Entries 6.004589e+07
HT.TP
80259 17272 17360 65110 85358 22128 23810 66089 81303 14035 18171 86069
4.92356e+06 4.98655e+05 4.98646e+06 4.93871e+06 4.91847e+06 4.9817e+06 4.98201e+06 4.93774e+06 4.92252e+05 4.98979e+06 4.98565e+06 4.91776e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

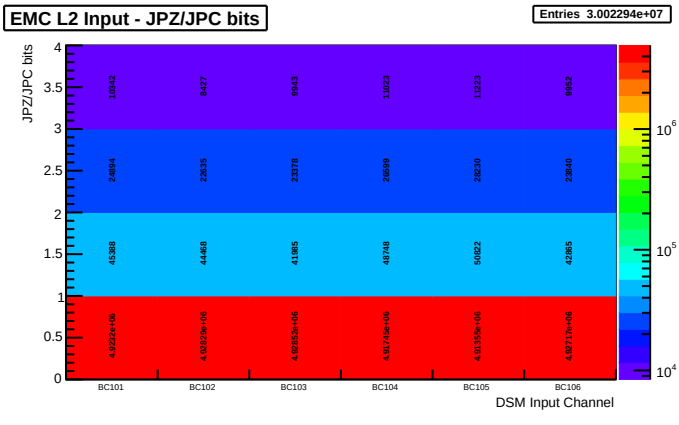

Endcap EMC L1 Input - HT.TP Diff
Entries 25251
HT.TP Diff
1
15
976 12352 11907
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

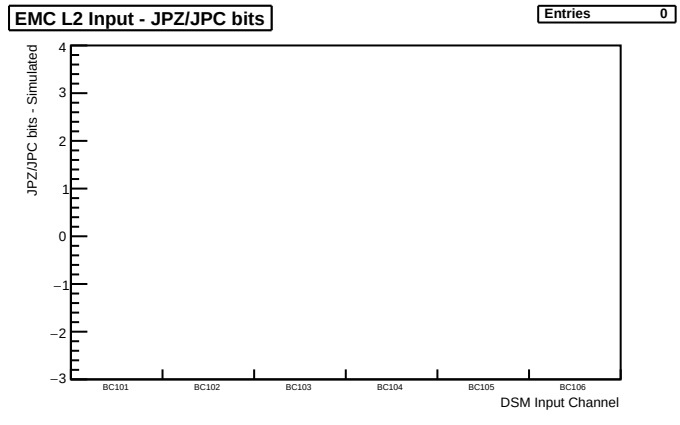

EMC L2 Input - JPX/JPA bits
Entries 3.002294e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8219
8950
9309
7717
7616
6752
19936
20154
21538
19827
18402
17114
36040
36762
38544
33640
32173
30213
4.93963e+06
4.93905e+06
4.93443e+06
4.94384e+06
4.94563e+06
4.94974e+06

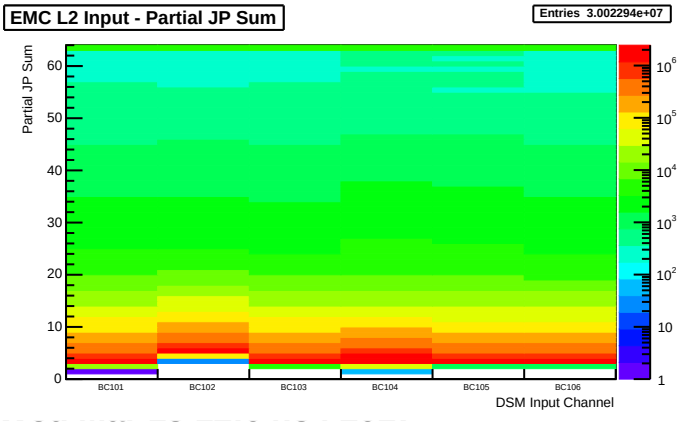

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

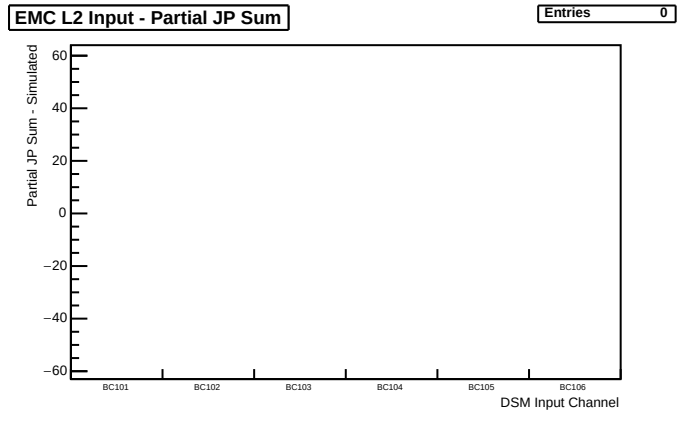

EMC L2 Input - JPY/JPB bits
Entries 3.002294e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9113
6707
9584
8246
9408
8459
23566
18950
23183
21638
24761
22291
44085
37486
42673
40851
45177
41839
4.92706e+06
4.94069e+06
4.92538e+06
4.93386e+06
4.92148e+06
4.93118e+06

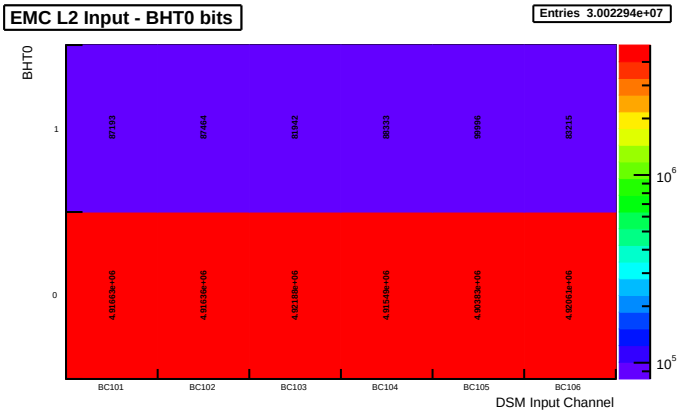

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

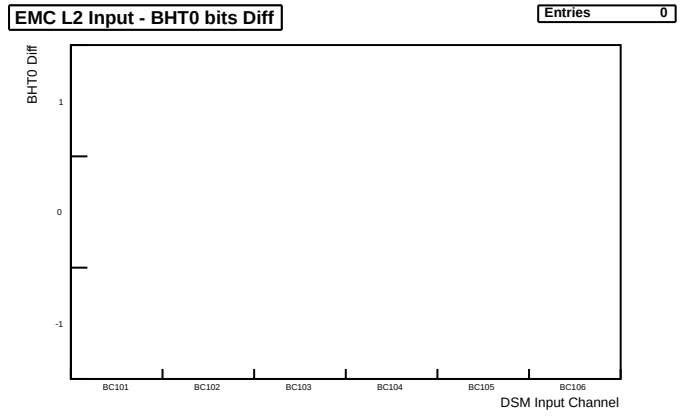

EMC L2 Input - JPZ/JPC bits
Entries 3.002294e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10342
8427
9943
11023
11223
9952
24894
22535
23378
26599
28230
23840
45389
44468
41985
48748
50822
42865
4.9222e+06
4.92529e+06
4.92852e+06
4.91745e+06
4.91355e+06
4.92717e+06

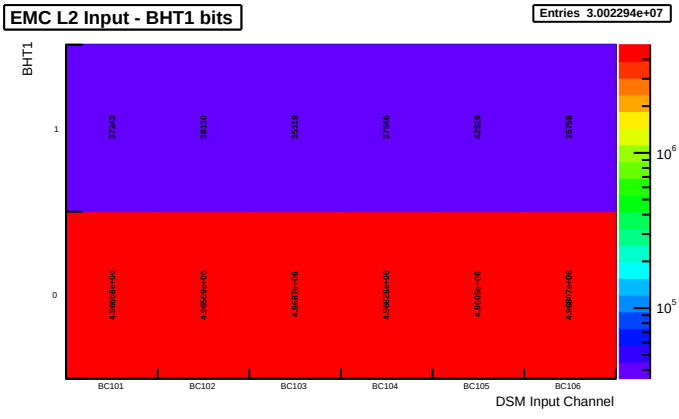

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

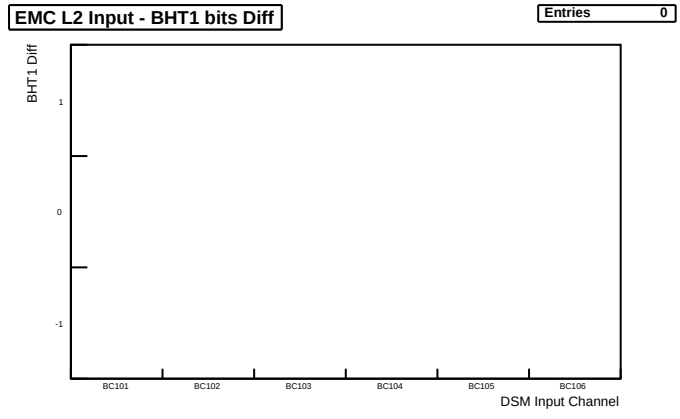

EMC L2 Input - Partial JP Sum
Entries 3.002294e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

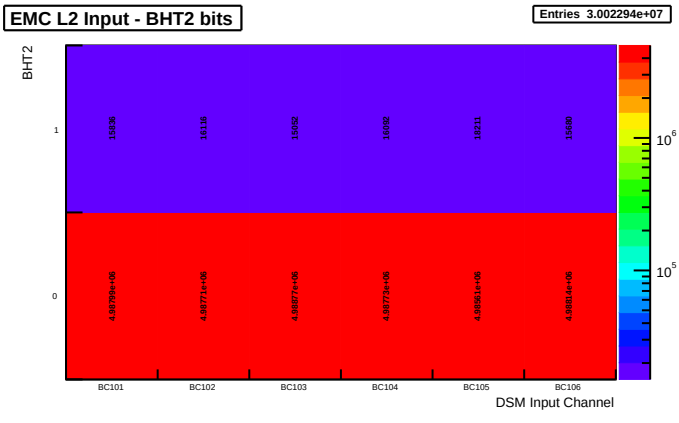

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

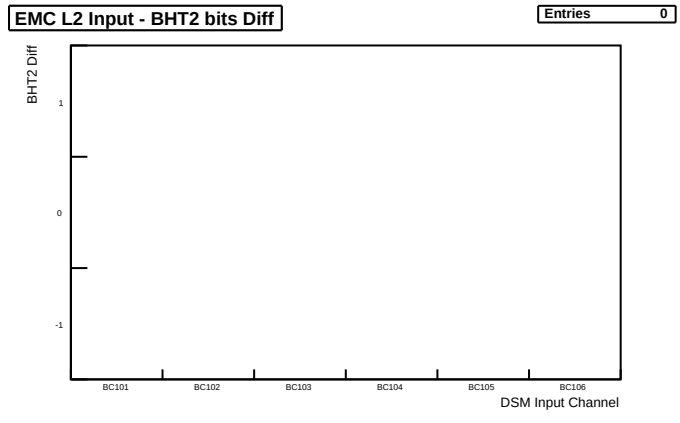

EMC L2 Input - BHT0 bits
Entries 3.002294e+07
BHT0
1
0
97133
97464
91942
98333
99996
93215
4.91653e+06
4.91639e+06
4.92189e+06
4.91549e+06
4.90383e+06
4.92061e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

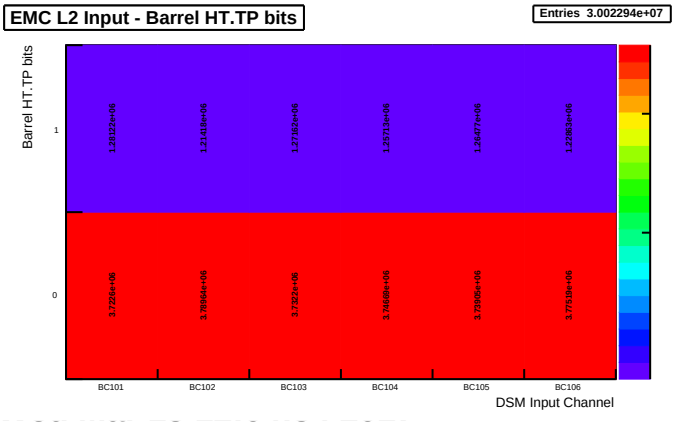

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

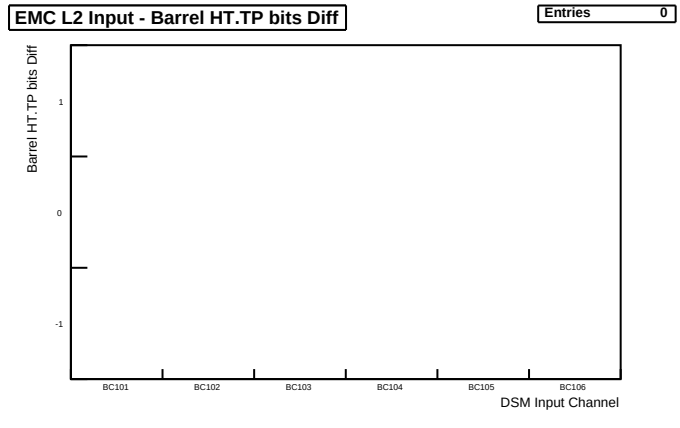

EMC L2 Input - BHT1 bits
Entries 3.002294e+07
BHT1
1
0
37243
38130
35119
37546
42929
35758
4.96558e+06
4.96569e+06
4.96376e+06
4.96628e+06
4.9609e+06
4.96807e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

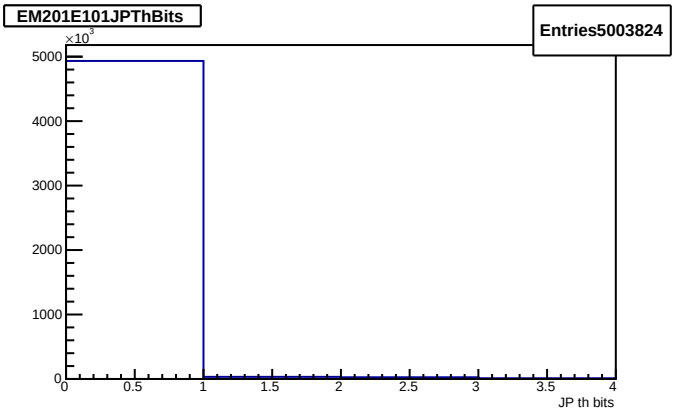

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

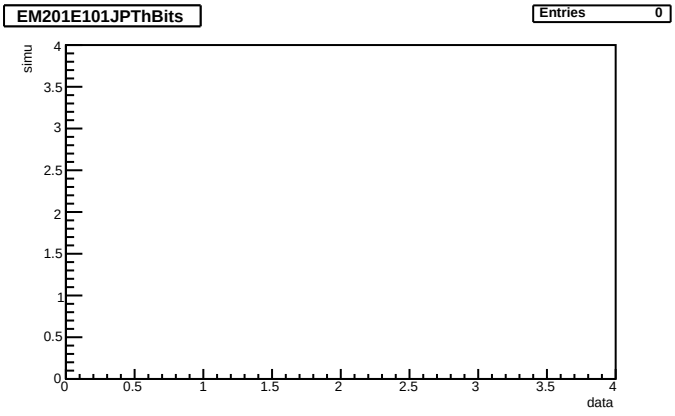

EMC L2 Input - BHT2 bits
Entries 3.002294e+07
BHT2
1
0
15336
16116
15052
16092
16211
15630
4.98799e+06
4.98771e+06
4.98877e+06
4.98773e+06
4.98561e+06
4.98814e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

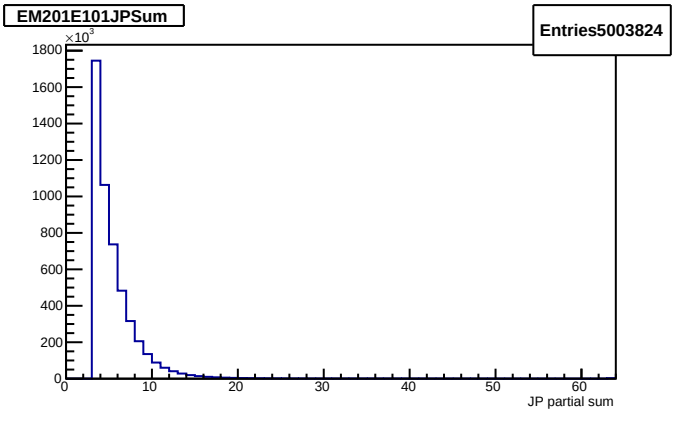

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

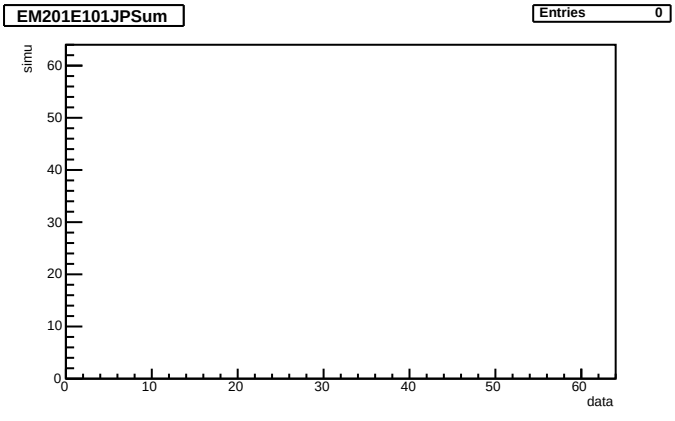

EMC L2 Input - Barrel HT.TP bits
Entries 3.002294e+07
Barrel HT.TP bits
1
0
1.28122e+06
1.21418e+06
1.27162e+06
1.23713e+06
1.26477e+06
1.22863e+06
3.7226e+06
3.78364e+06
3.7222e+06
3.74689e+06
3.72909e+06
3.77519e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

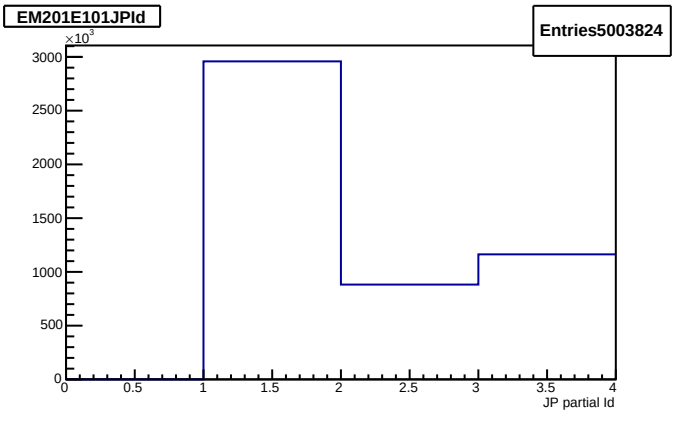

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

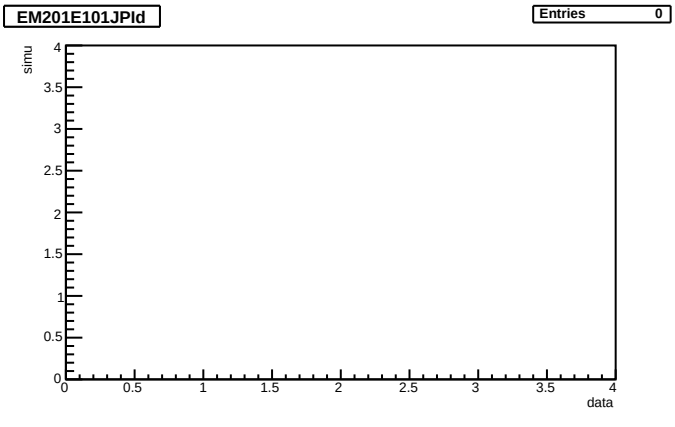

EM201E101JPThBits
Entries5003824
×10^3
JP th bits

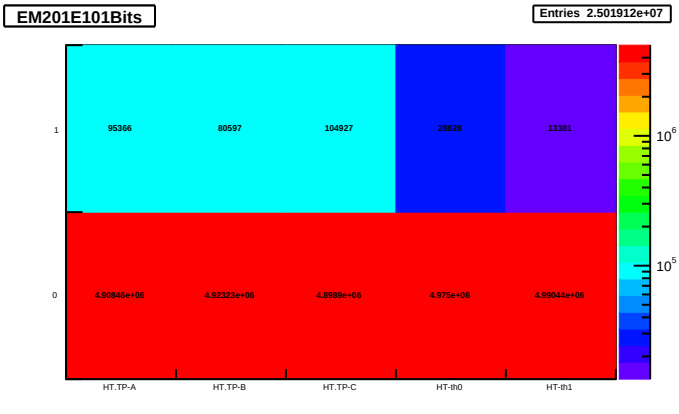

EM201E101JPThBits
Entries 0
simu
data

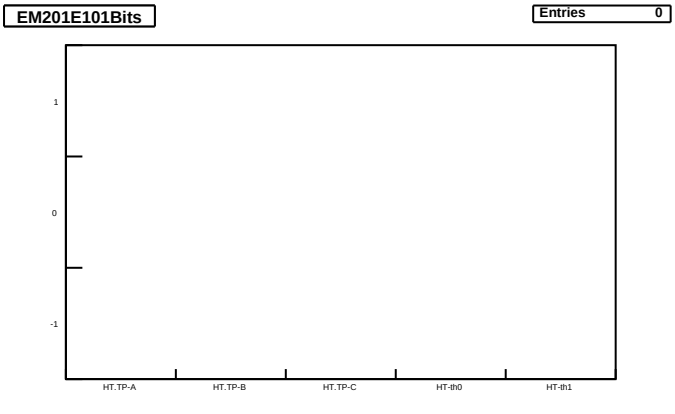

EM201E101JPSum
Entries5003824
×10^3
JP partial sum

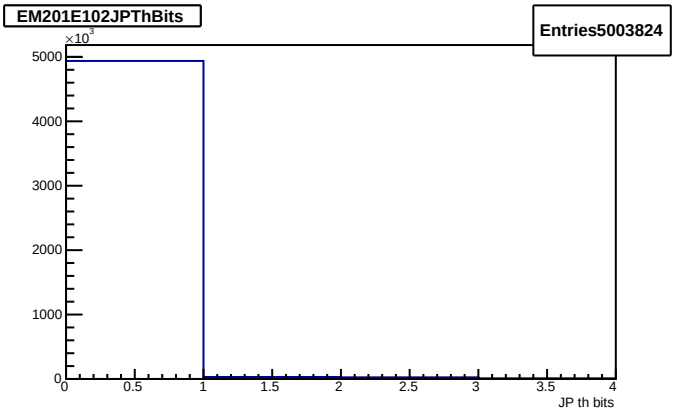

EM201E101JPSum
Entries 0
simu
data

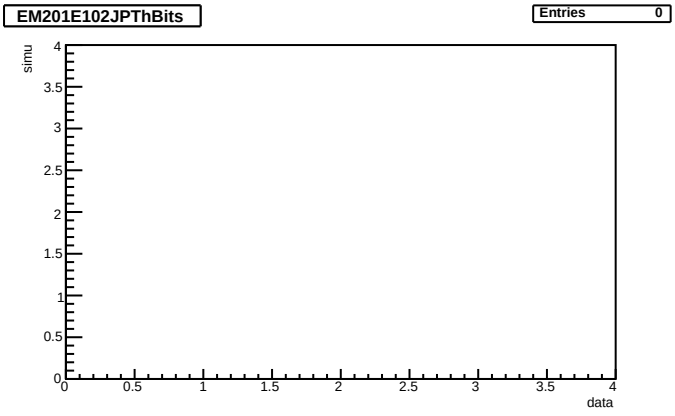

EM201E101JPId
Entries5003824
×10^3
JP partial Id

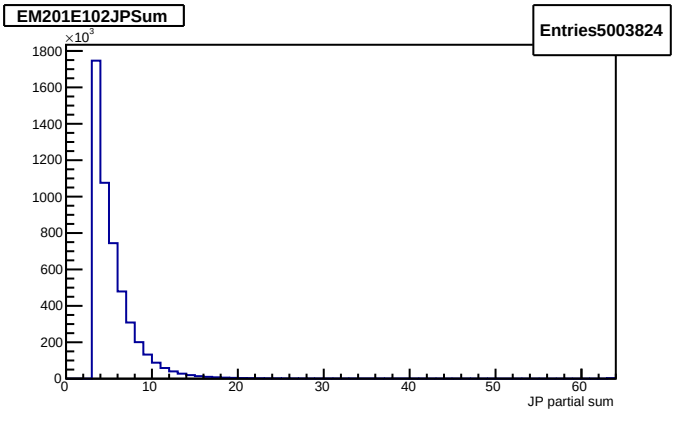

EM201E101JPId
Entries 0
simu
data

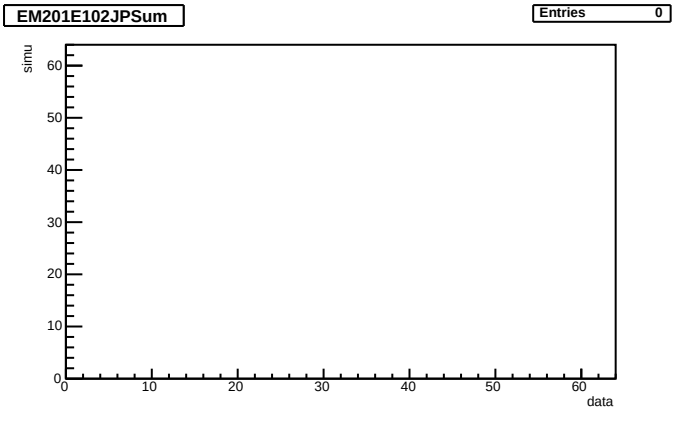

EM201E101Bits
Entries 2.501912e+07
95366
80597
104927
28828
13381
4.90846e+06
4.92323e+06
4.8989e+06
4.975e+06
4.99044e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

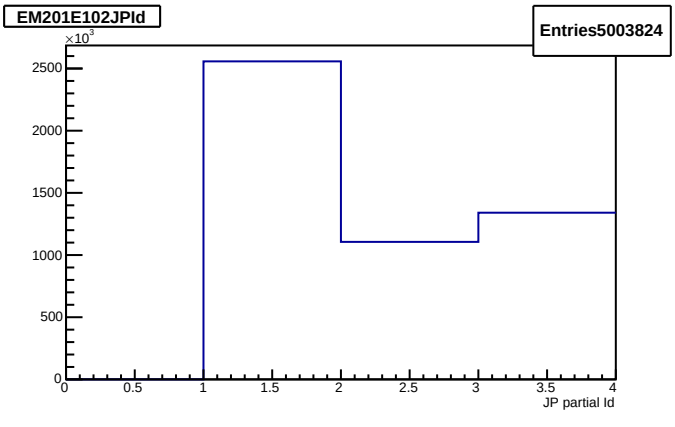

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

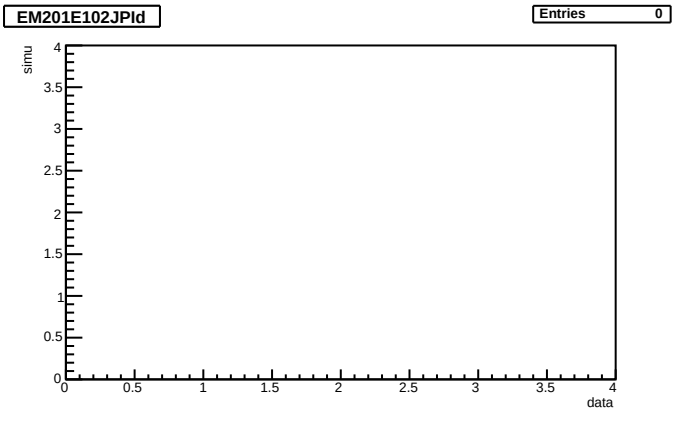

EM201E102JPThBits
Entries5003824
×10^3
JP th bits

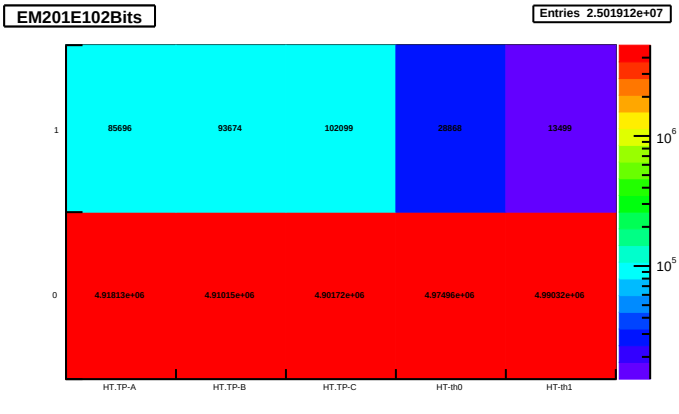

EM201E102JPThBits
Entries 0
simu
data

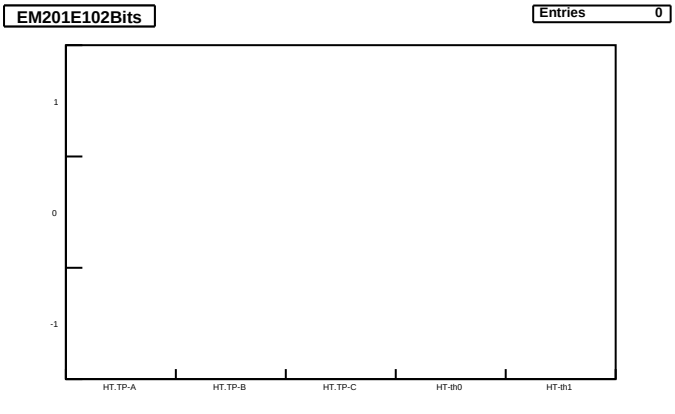

EM201E102JPSum
Entries5003824
×10^3
JP partial sum

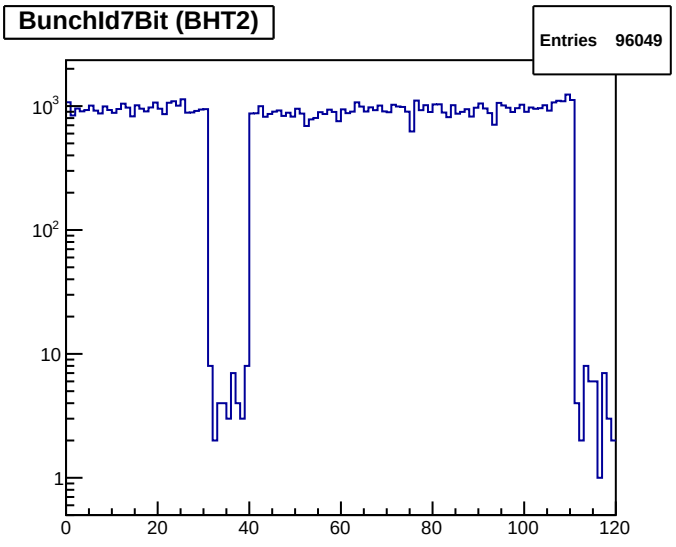

EM201E102JPSum
Entries 0
simu
data

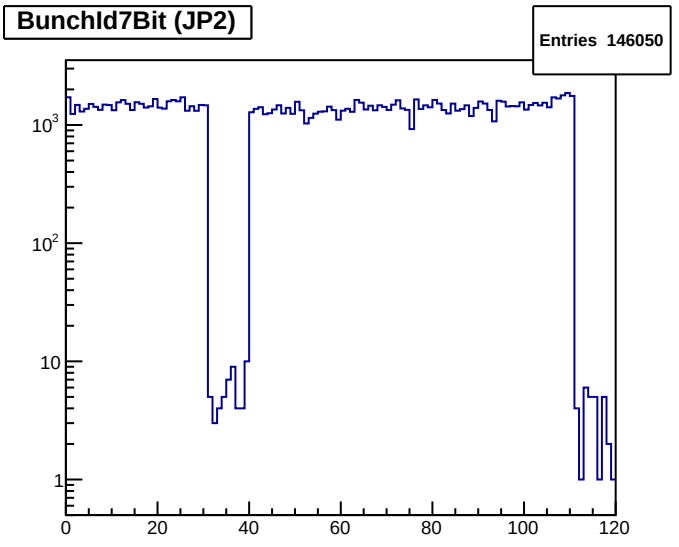

EM201E102JPId
Entries5003824
×10^3
JP partial Id

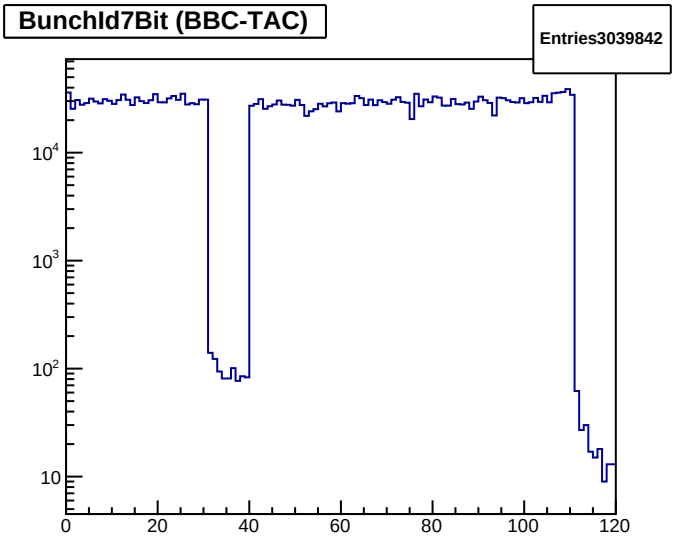

EM201E102JPId
Entries 0
simu
data

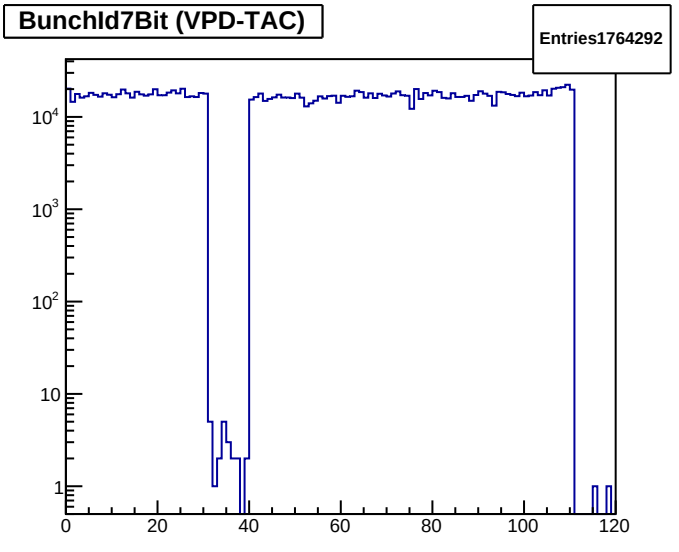

EM201E102Bits
Entries 2.501912e+07
85696
93674
102099
20868
13493
4.91813e+06
4.91015e+06
4.90172e+06
4.97496e+06
4.99032e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

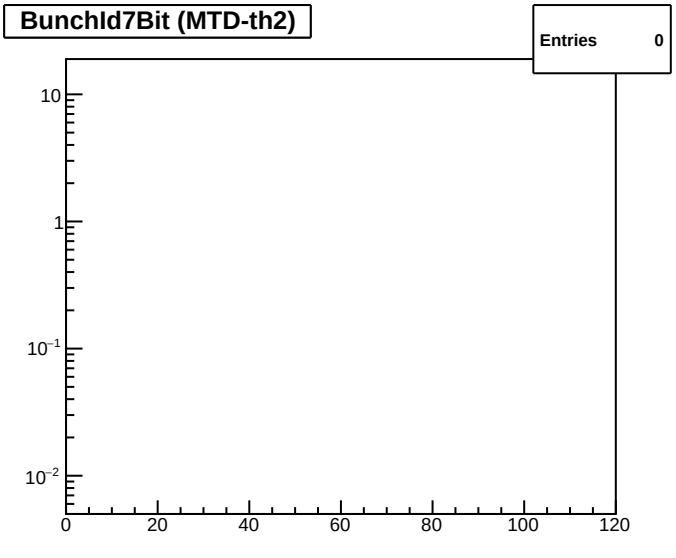

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

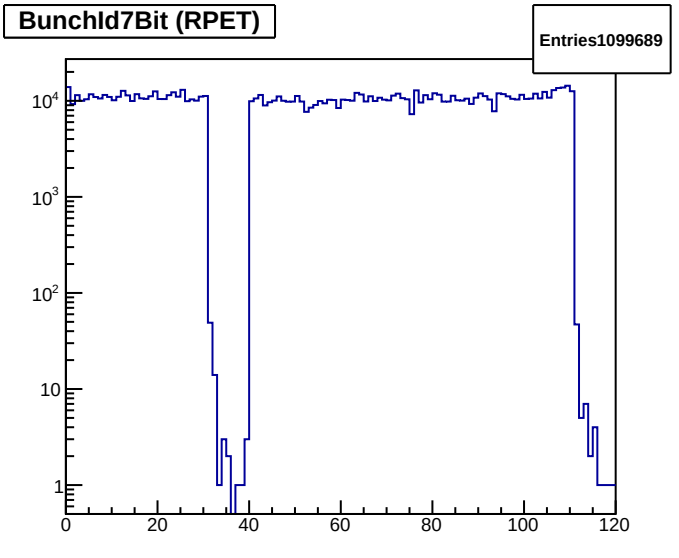

BunchId7Bit (BHT2)
Entries 96049

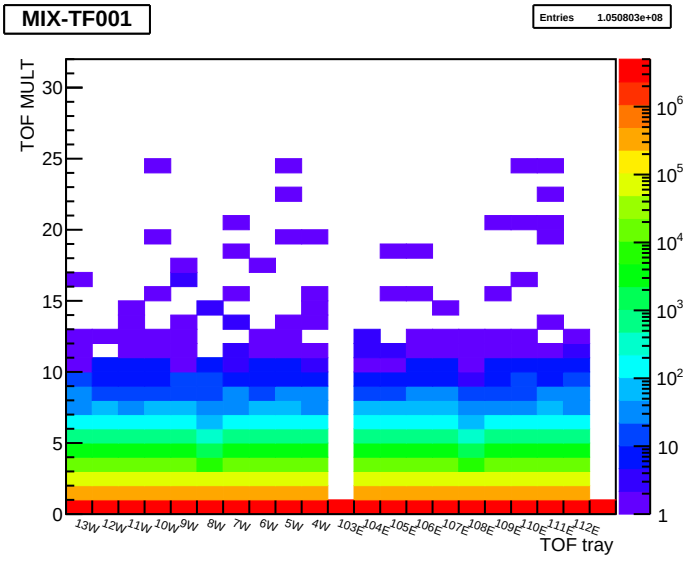

BunchId7Bit (JP2)
Entries 146050

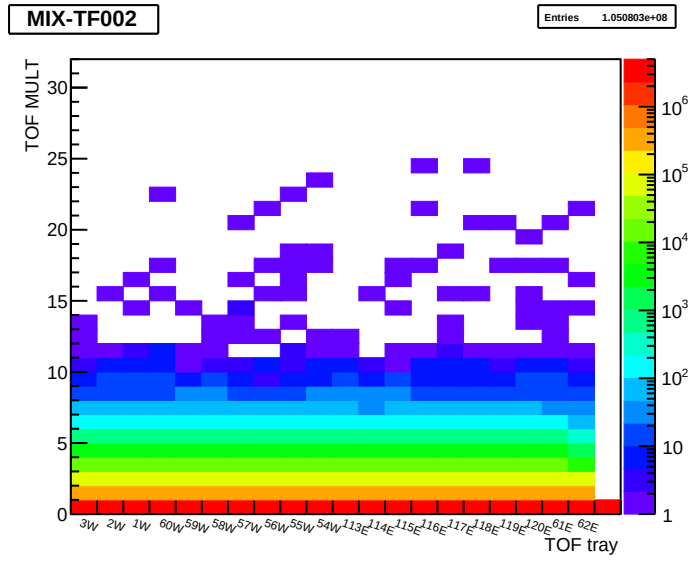

BunchId7Bit (BBC-TAC)
Entries3039842

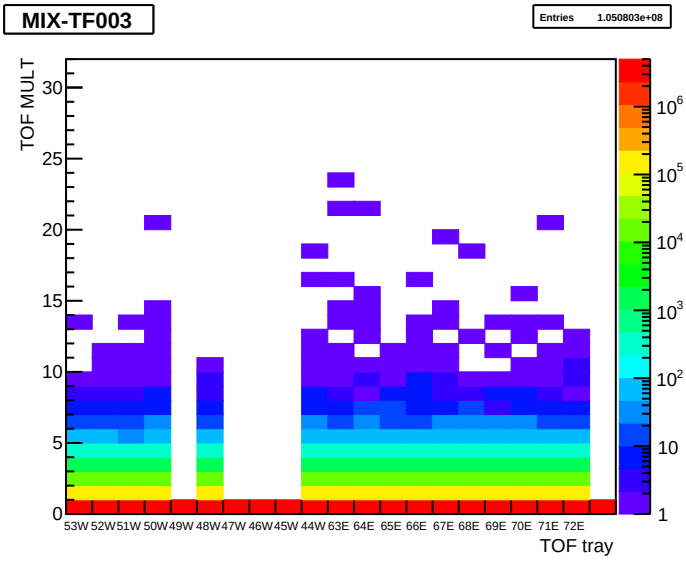

BunchId7Bit (VPD-TAC)
Entries1764292

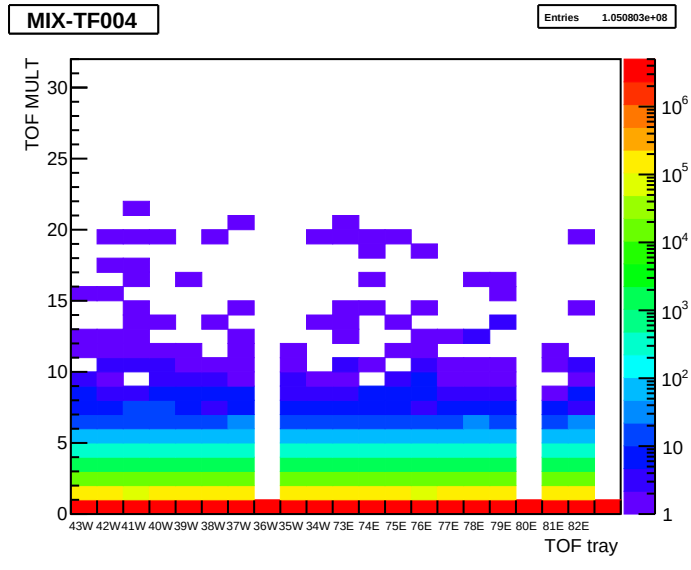

BunchId7Bit (MTD-th2)
Entries 0

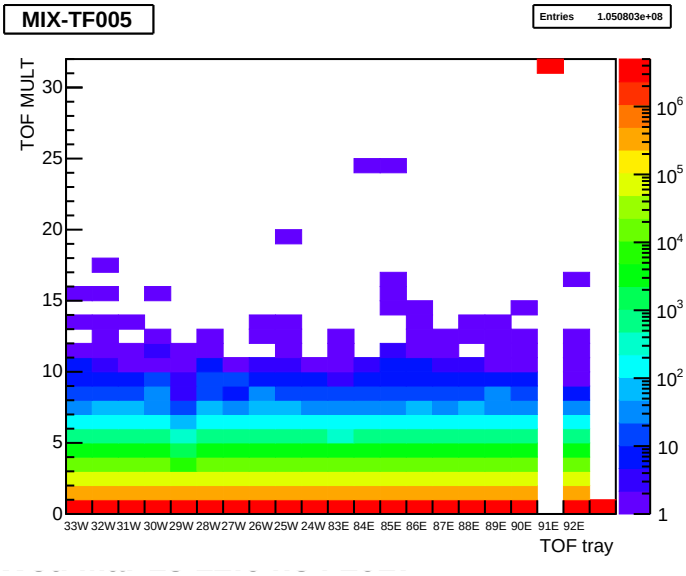

BunchId7Bit (RPET)
Entries1099689

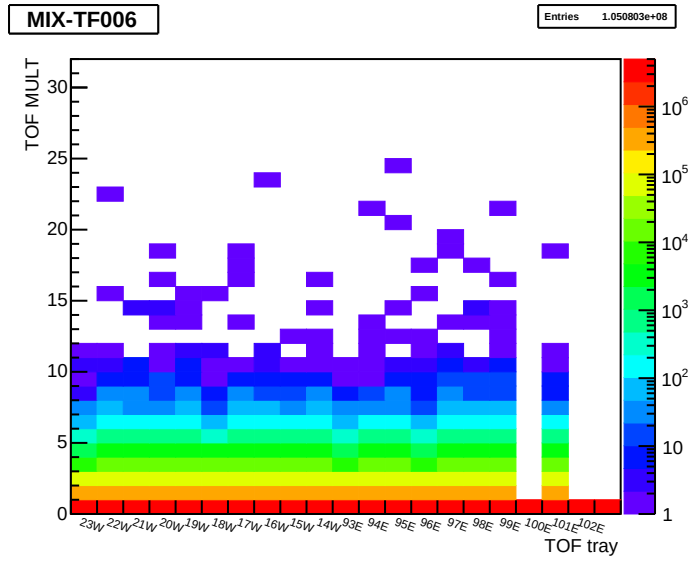

MIX-TF001
Entries 1.050803e+08
TOF MULT
TOF tray

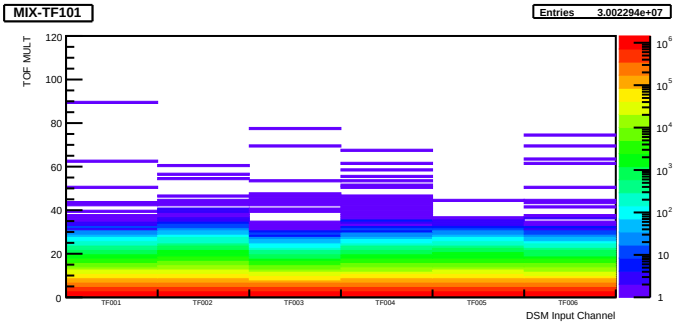

MIX-TF002
Entries 1.050803e+08
TOF MULT
TOF tray

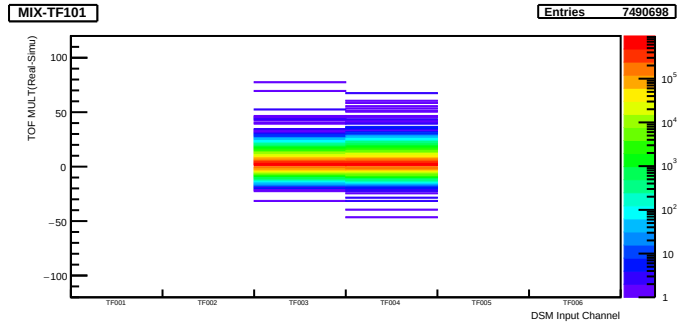

MIX-TF003
Entries 1.050803e+08
TOF MULT
TOF tray

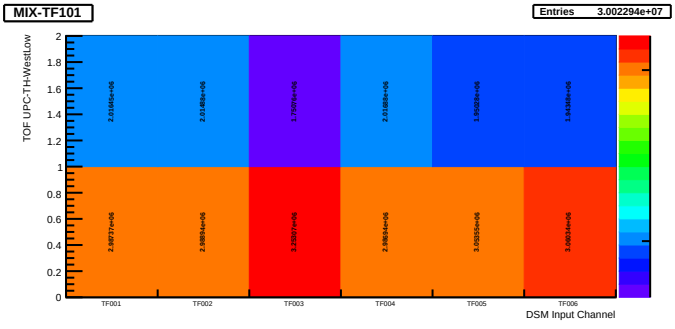

MIX-TF004
Entries 1.050803e+08
TOF MULT
TOF tray

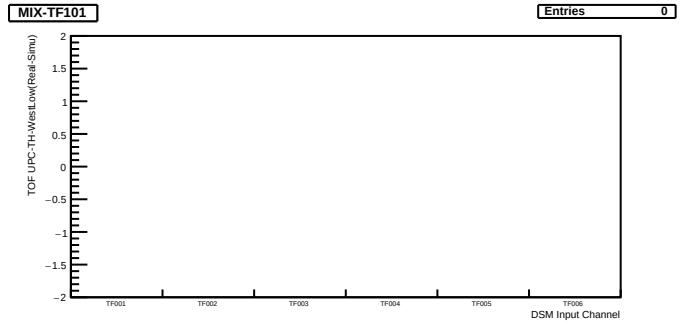

MIX-TF005
Entries 1.050803e+08
TOF MULT
TOF tray

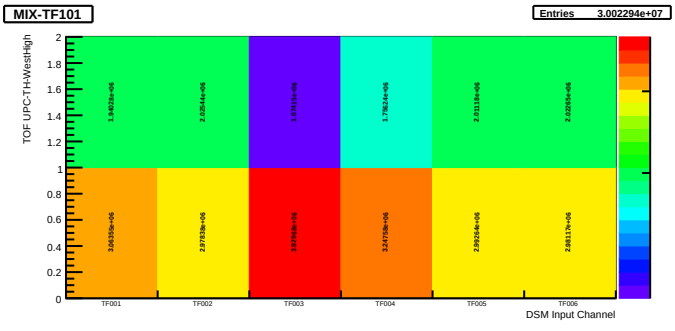

MIX-TF006
Entries 1.050803e+08
TOF MULT
TOF tray

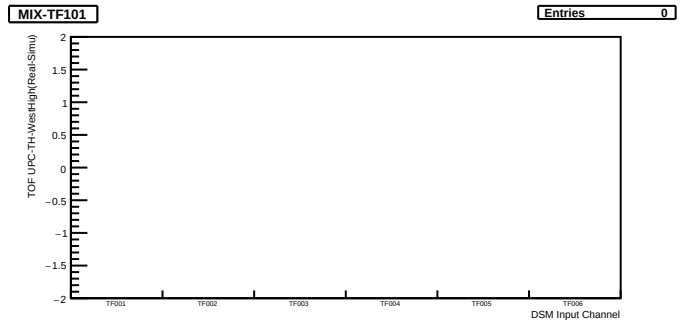

MIX-TF101
Entries 3.002294e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

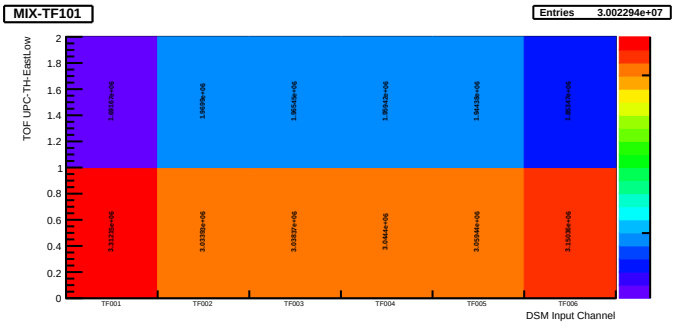

MIX-TF101
Entries 7490698
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

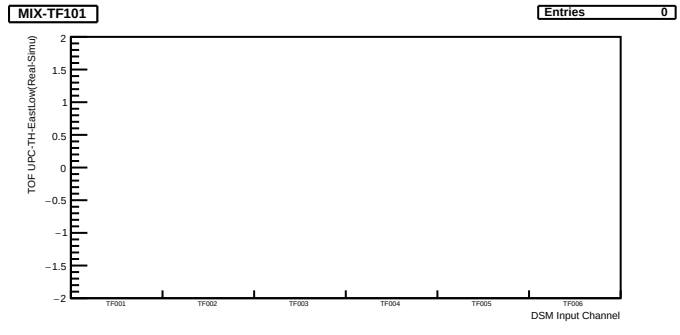

MIX-TF101
Entries 3.002294e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

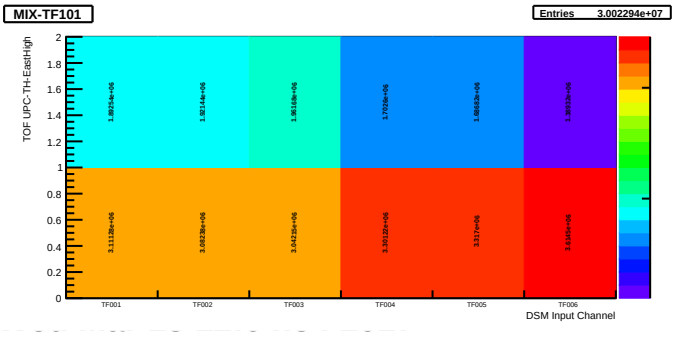

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

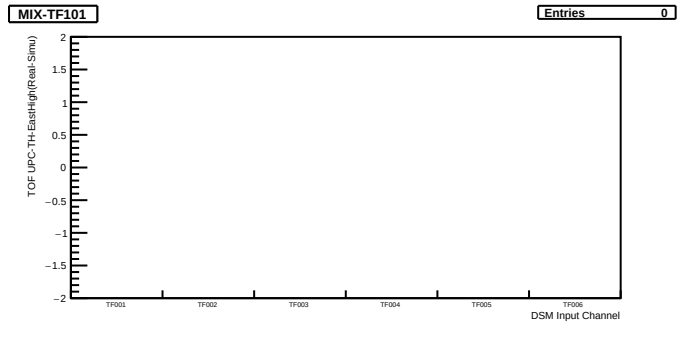

MIX-TF101
Entries 3.002294e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

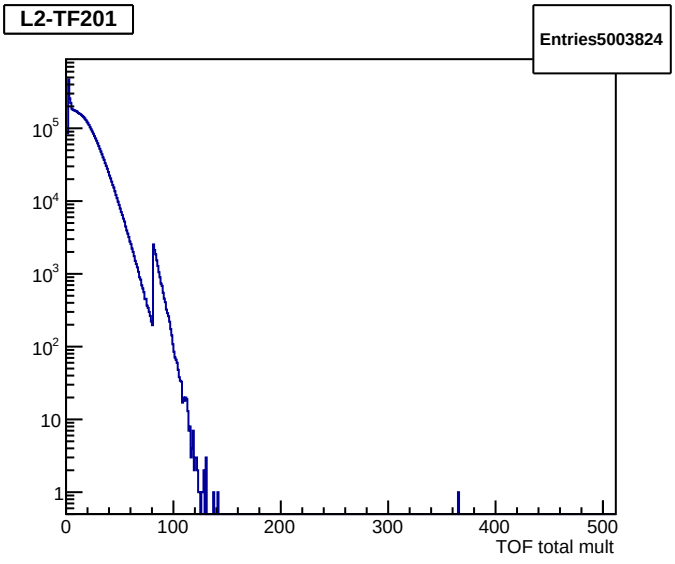

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

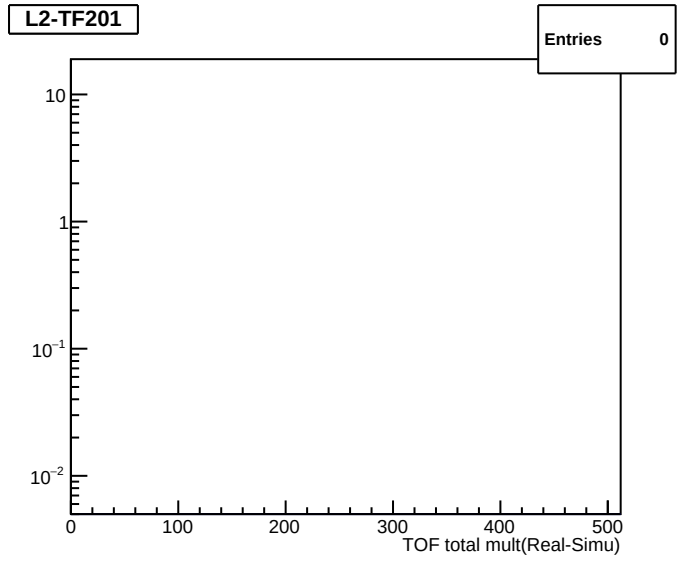

MIX-TF101
Entries 3.002294e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

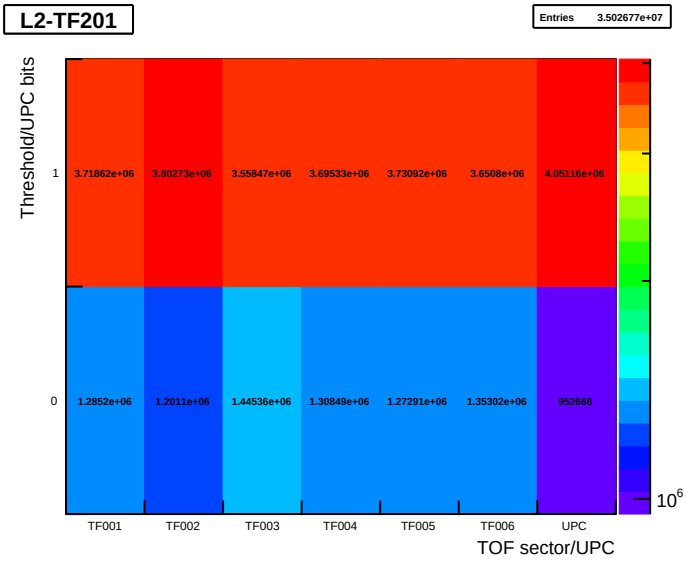

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

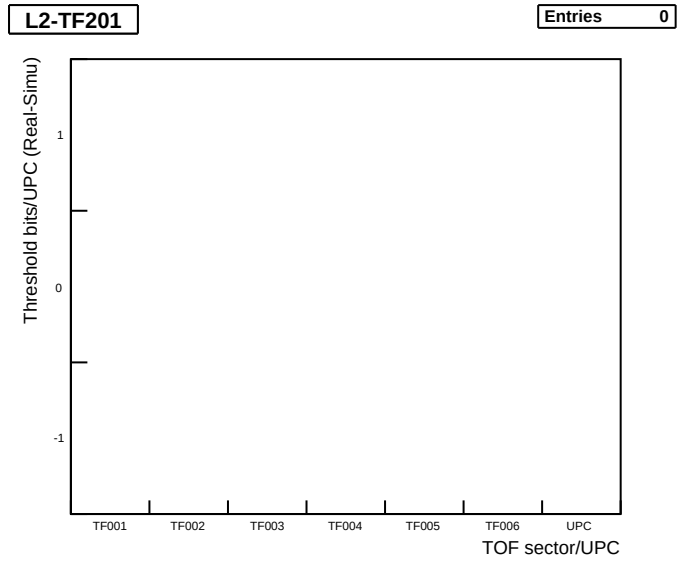

MIX-TF101
Entries 3.002294e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

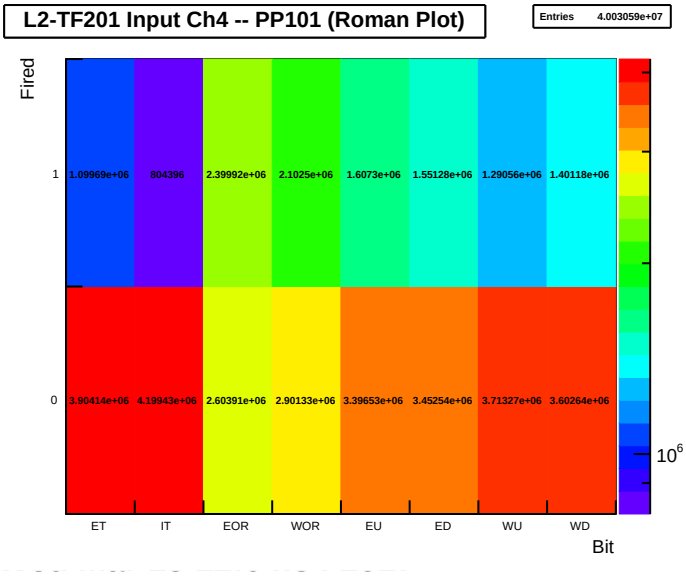

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

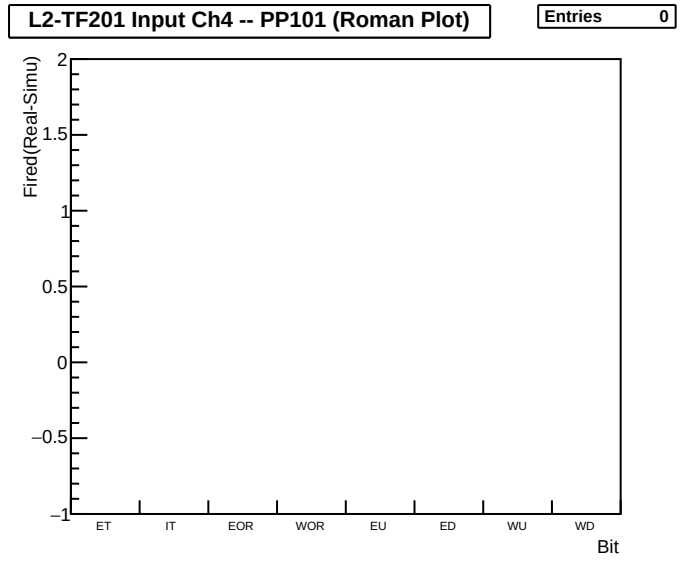

L2-TF201
Entries5003824
TOF total mult

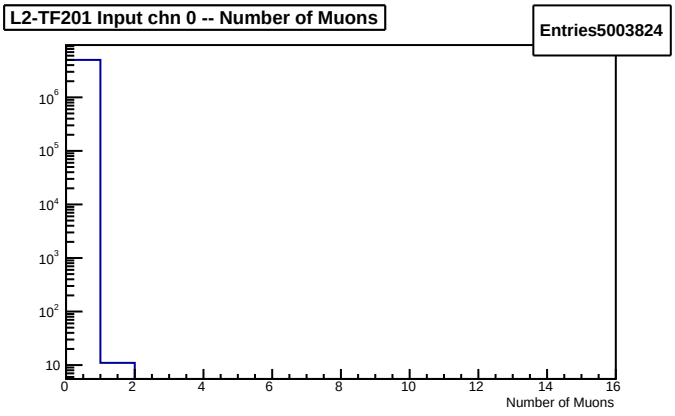

L2-TF201
Entries 0
TOF total mult(Real-Simu)

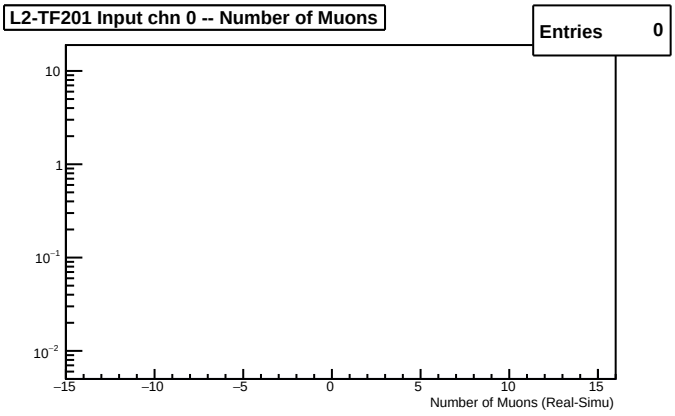

L2-TF201
Entries 3.502677e+07
Threshold/UPC bits
3.71862e+06
3.80273e+06
3.55847e+06
3.69533e+06
3.73092e+06
3.6508e+06
4.05116e+06
1.2852e+06
1.2011e+06
1.44536e+06
1.30849e+06
1.27291e+06
1.35302e+06
952668
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

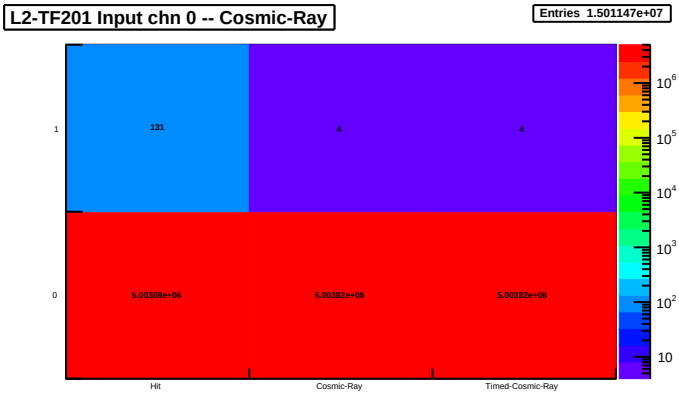

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

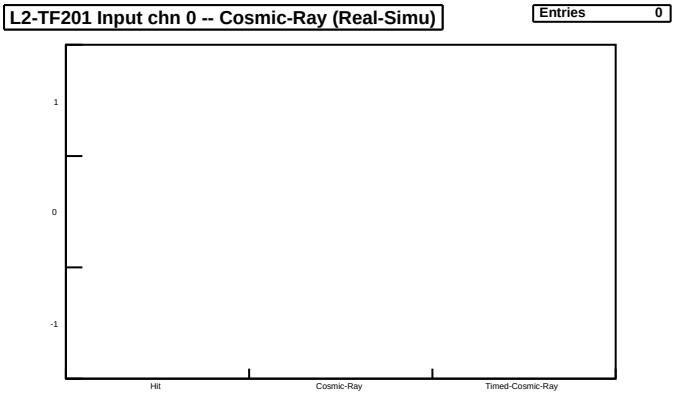

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.003059e+07
Fired
1.09969e+06
804396
2.39992e+06
2.1025e+06
1.6073e+06
1.55128e+06
1.29056e+06
1.40118e+06
3.90414e+06
4.19943e+06
2.60391e+06
2.90133e+06
3.39653e+06
3.45254e+06
3.71327e+06
3.60264e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

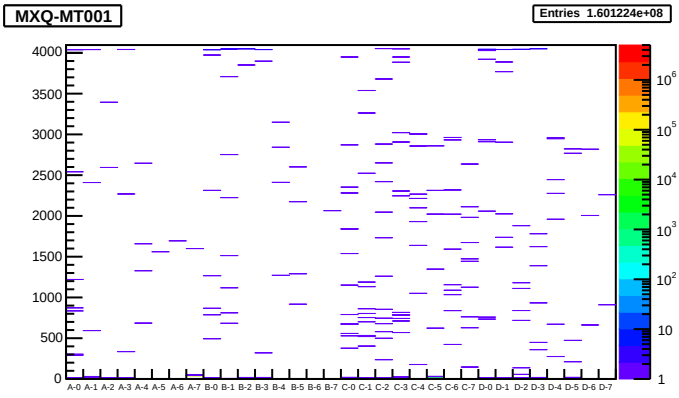

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

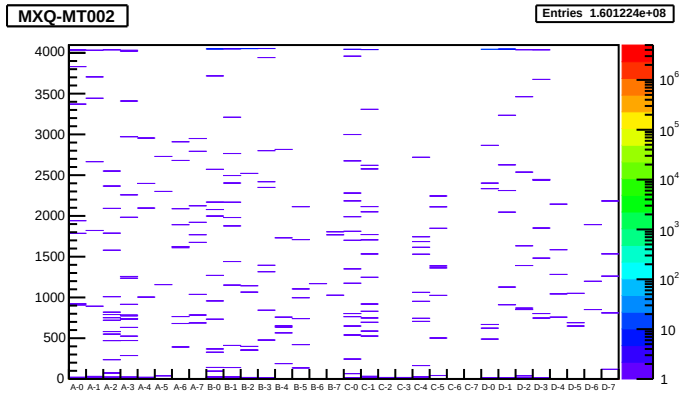

L2-TF201 Input chn 0 -- Number of Muons
Entries5003824
Number of Muons

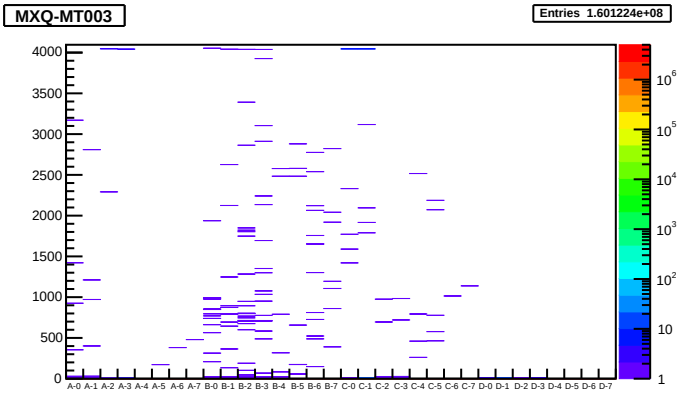

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

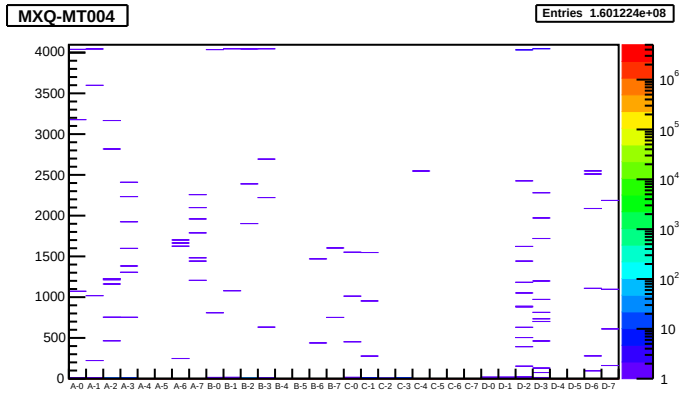

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.501147e+07
131
4
4
5.00369e+06
5.00382e+06
5.00382e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

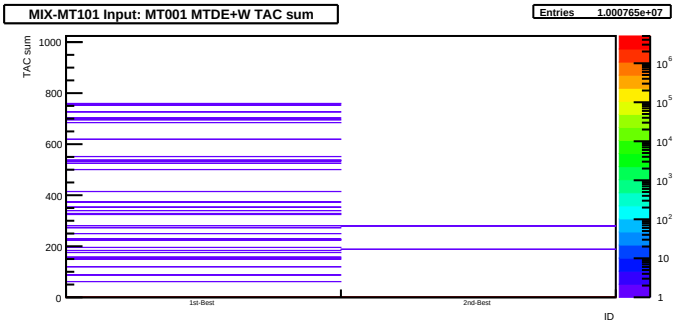

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

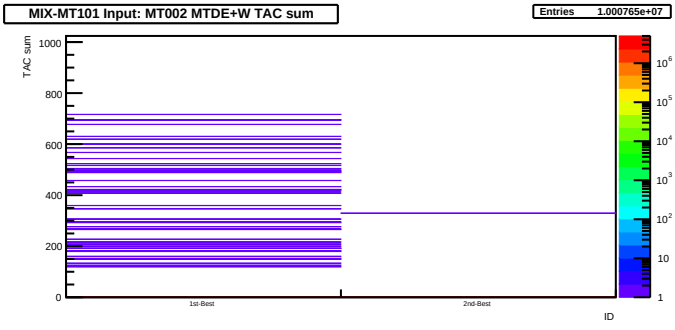

MXQ-MT001
Entries 1.601224e+08

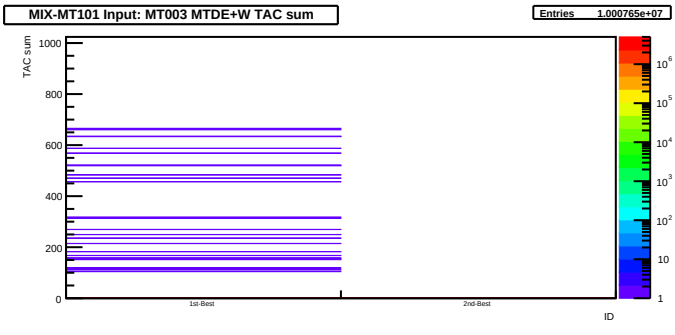

MXQ-MT002
Entries 1.601224e+08

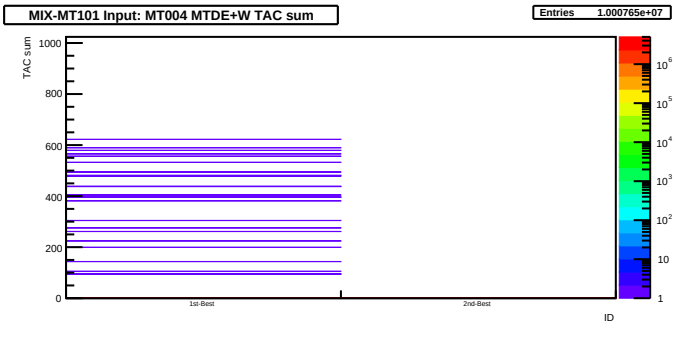

MXQ-MT003
Entries 1.601224e+08

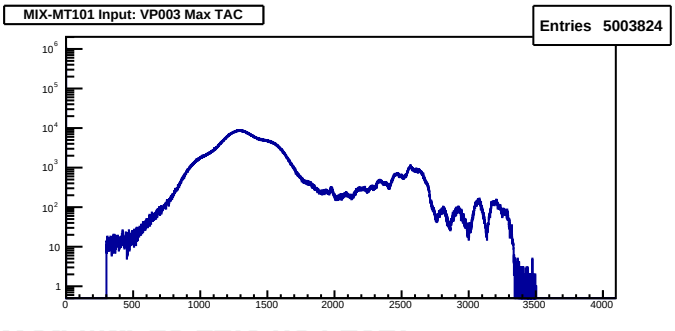

MXQ-MT004
Entries 1.601224e+08

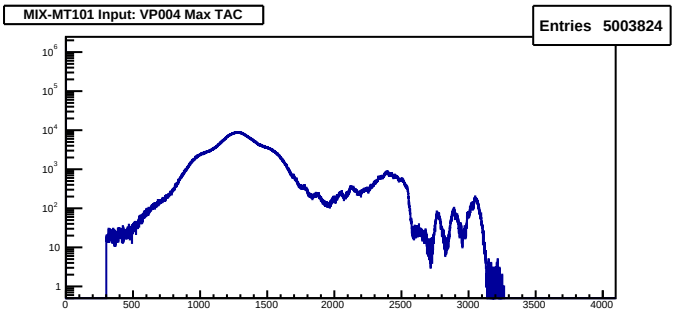

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.000765e+07
TAC sum
1st-Best
2nd-Best
ID

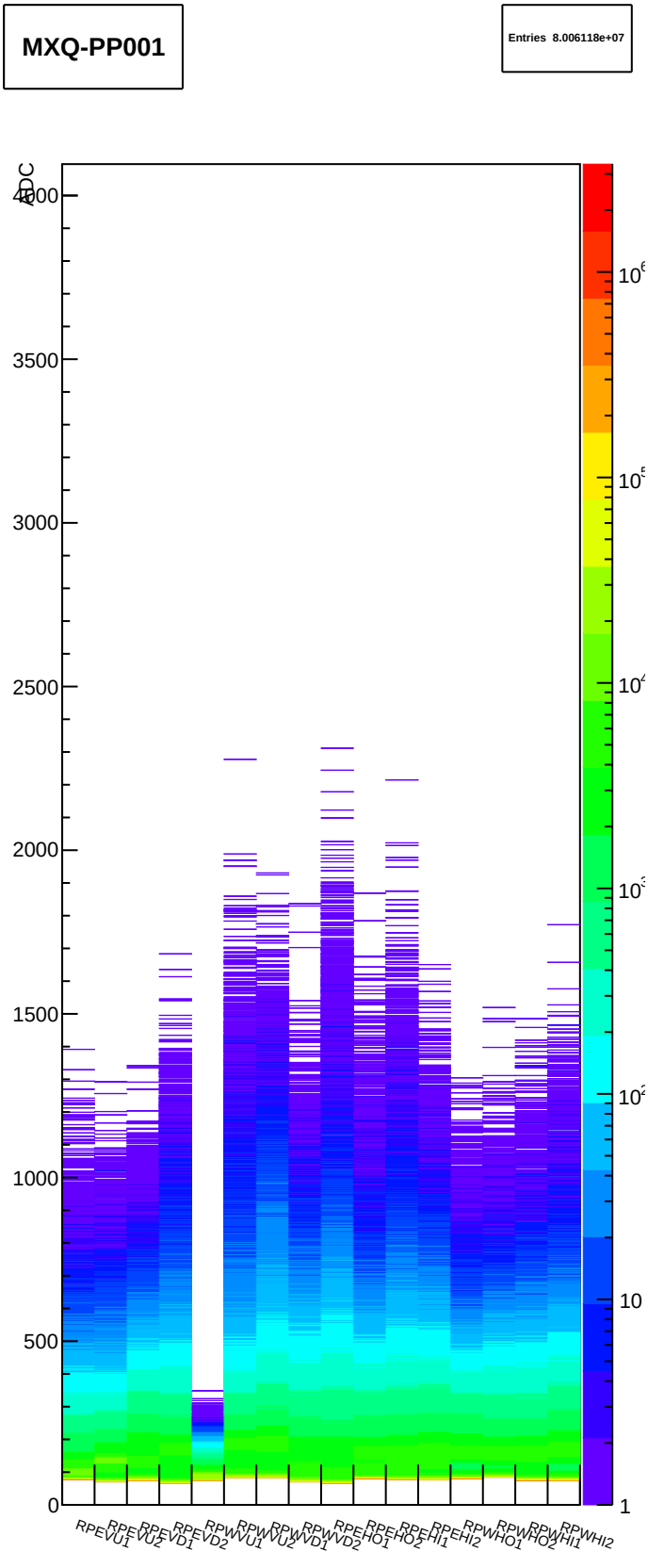

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.000765e+07
TAC sum
1st-Best
2nd-Best
ID

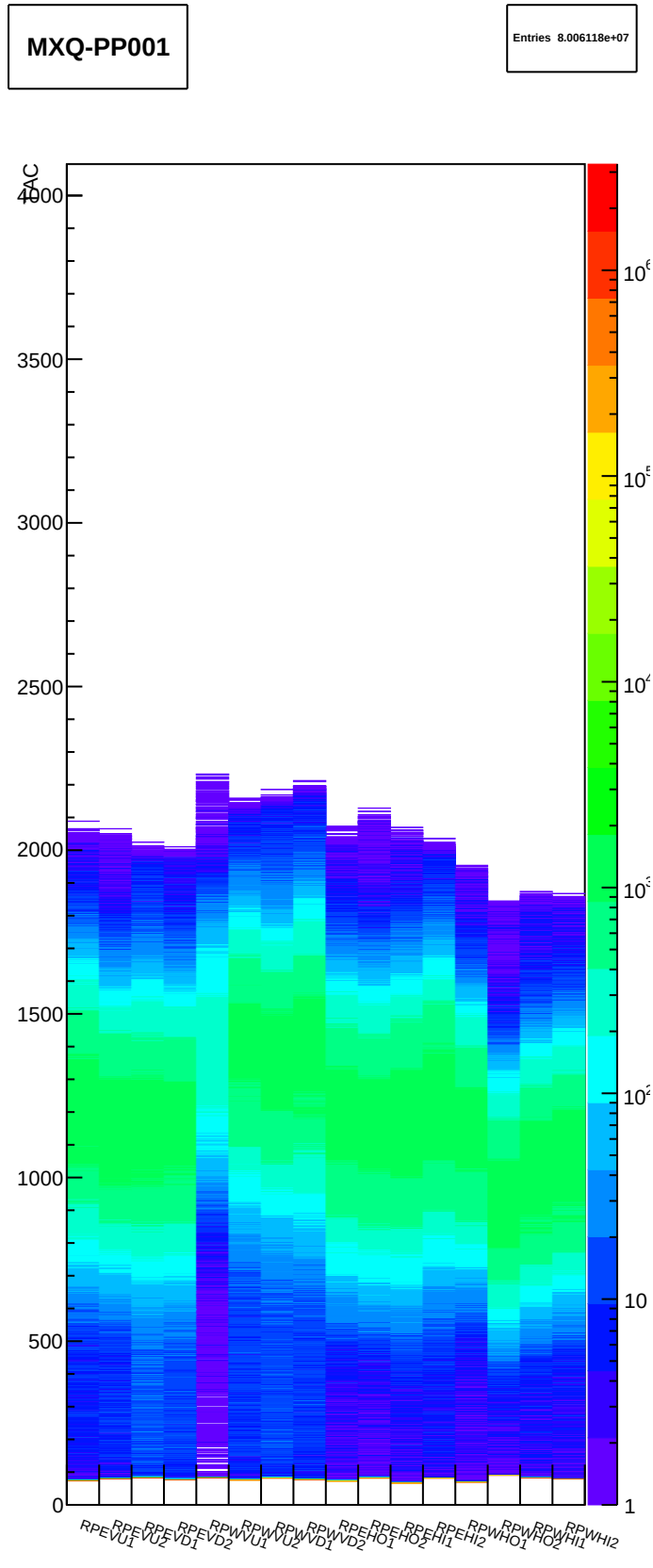

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.000765e+07
TAC sum
1st-Best
2nd-Best
ID

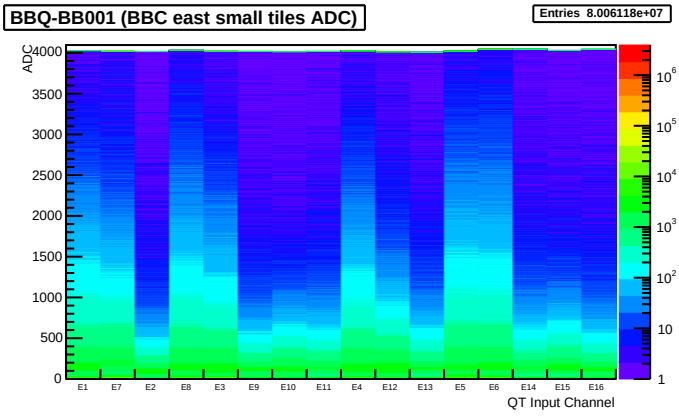

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.000765e+07
TAC sum
1st-Best
2nd-Best
ID

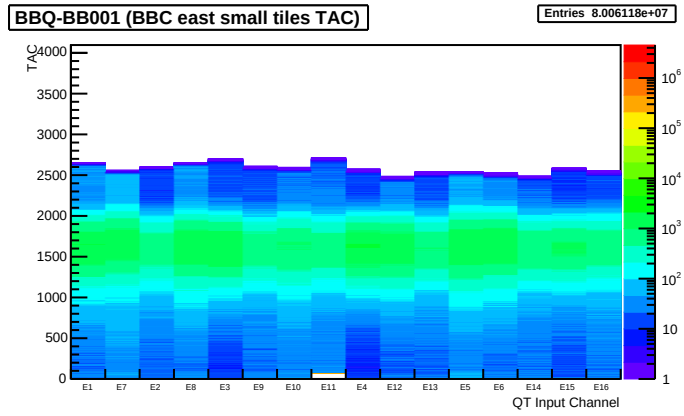

MIX-MT101 Input: VP003 Max TAC
Entries 5003824

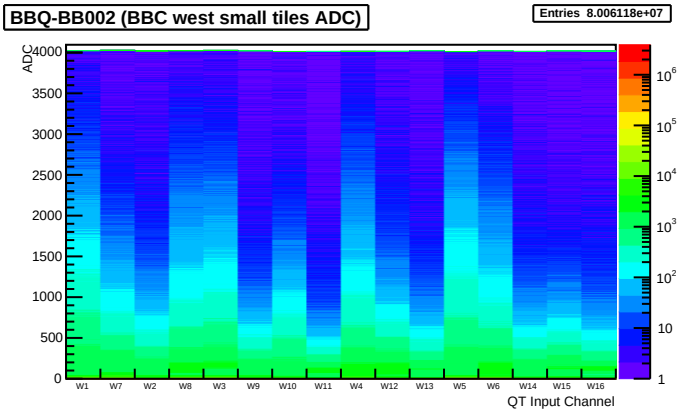

MIX-MT101 Input: VP004 Max TAC
Entries 5003824

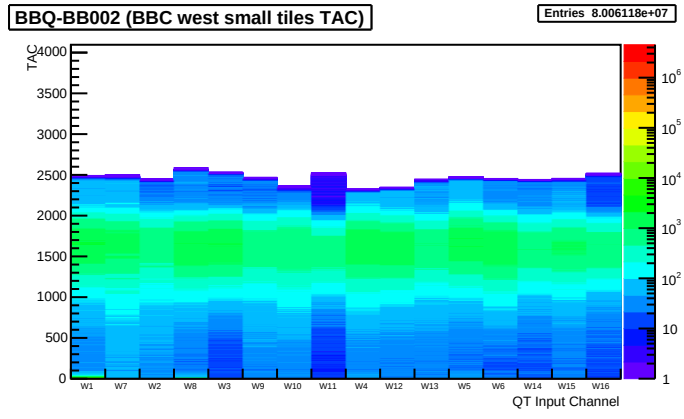

MXQ-PP001
Entries 8.006118e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

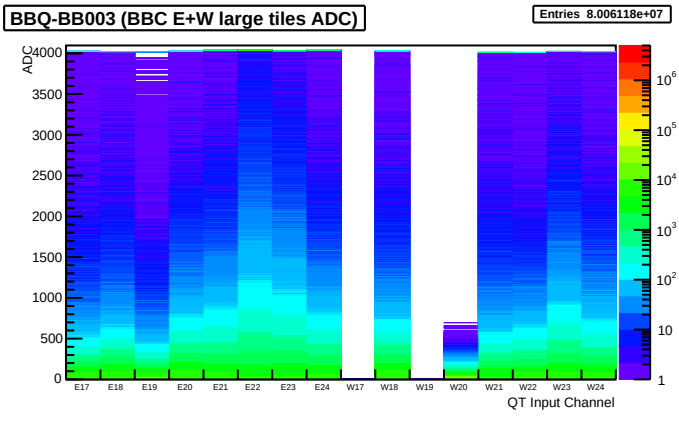

MXQ-PP001
Entries 8.006118e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

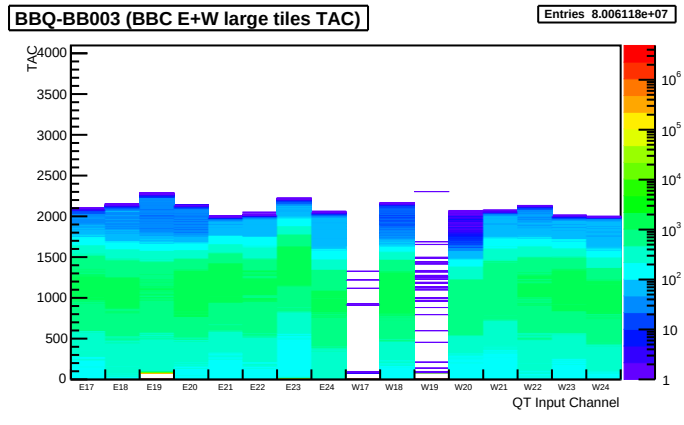

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.006118e+07
ADC
QT Input Channel

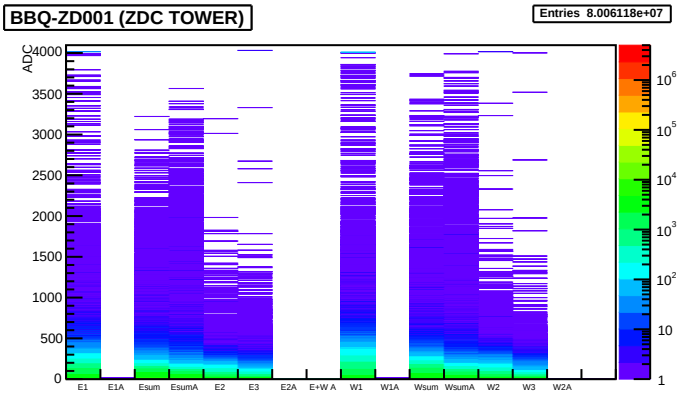

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.006118e+07
TAC
QT Input Channel

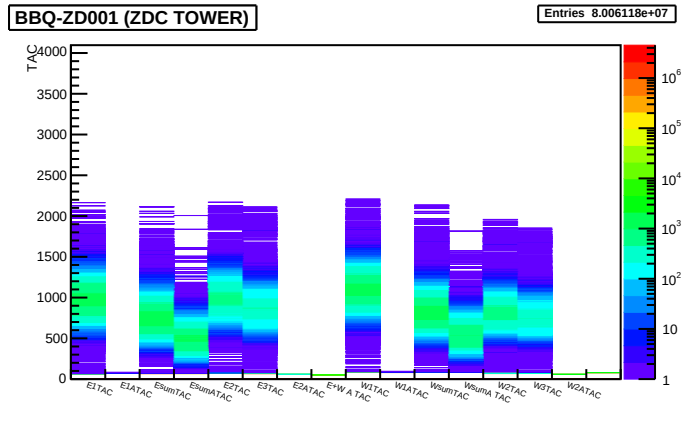

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.006118e+07
ADC
QT Input Channel

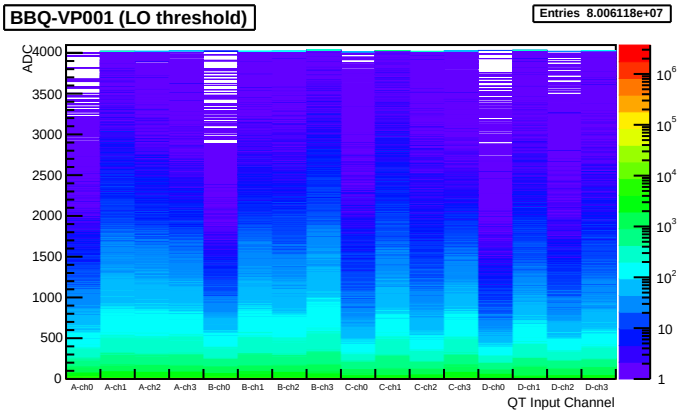

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.006118e+07
TAC
QT Input Channel

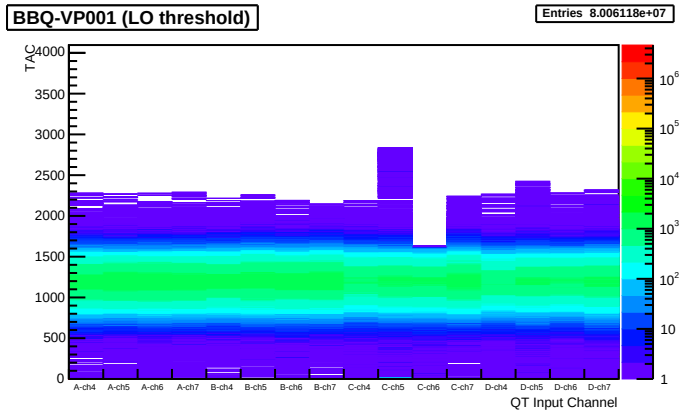

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.006118e+07
ADC
QT Input Channel

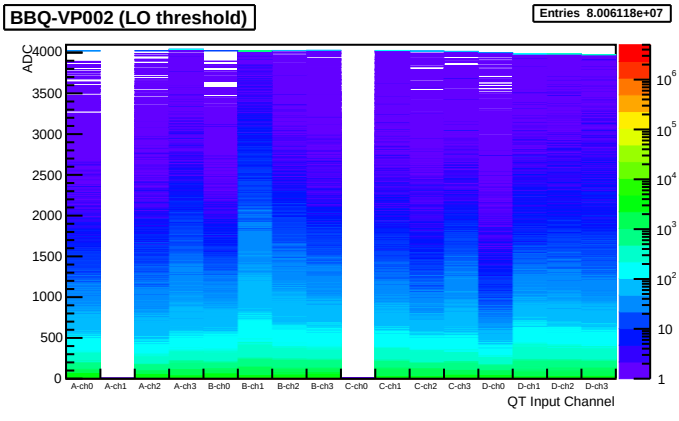

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.006118e+07
TAC
QT Input Channel

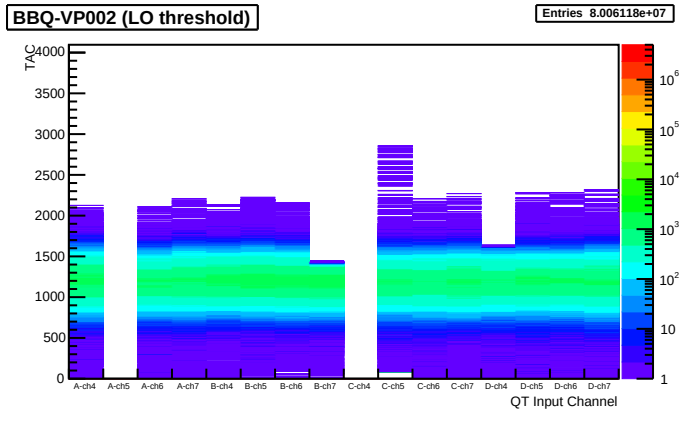

BBQ-ZD001 (ZDC TOWER)
Entries 8.006118e+07
ADC

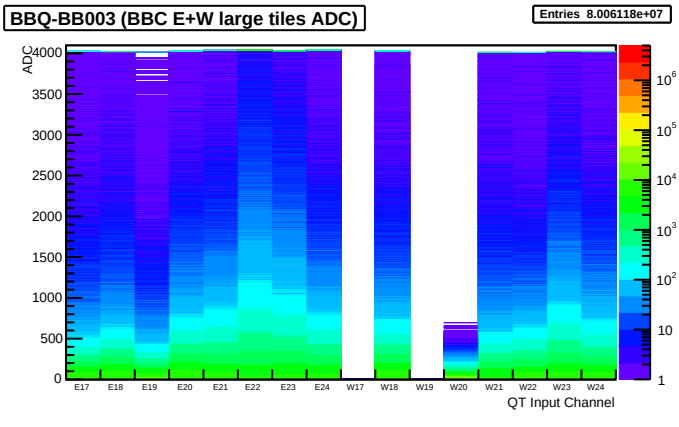

BBQ-ZD001 (ZDC TOWER)
Entries 8.006118e+07
TAC

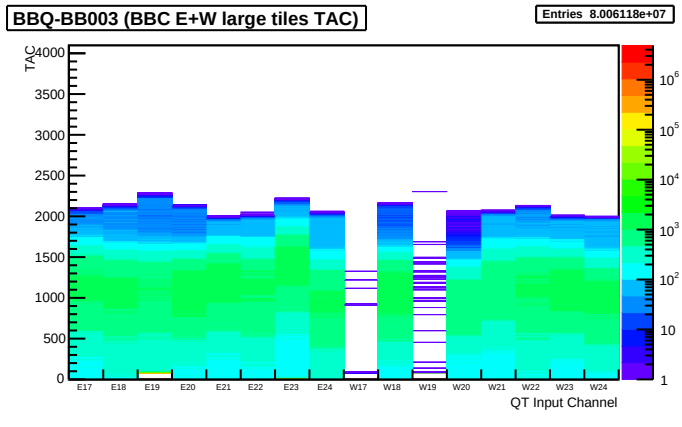

BBQ-VP001 (LO threshold)
Entries 8.006118e+07
ADC
QT Input Channel

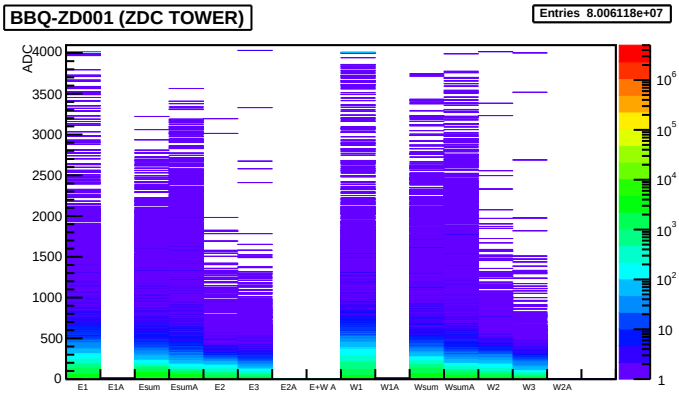

BBQ-VP001 (LO threshold)
Entries 8.006118e+07
TAC
QT Input Channel

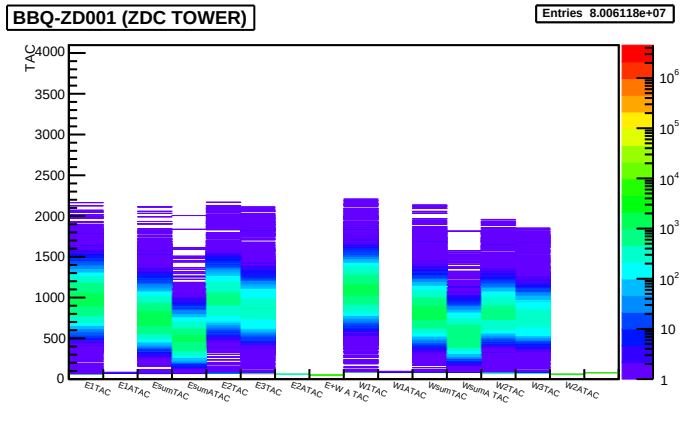

BBQ-VP002 (LO threshold)
Entries 8.006118e+07
ADC
QT Input Channel

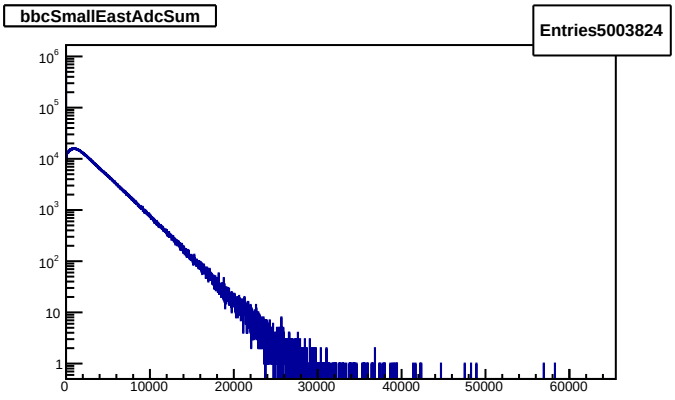

BBQ-VP002 (LO threshold)
Entries 8.006118e+07
TAC
QT Input Channel

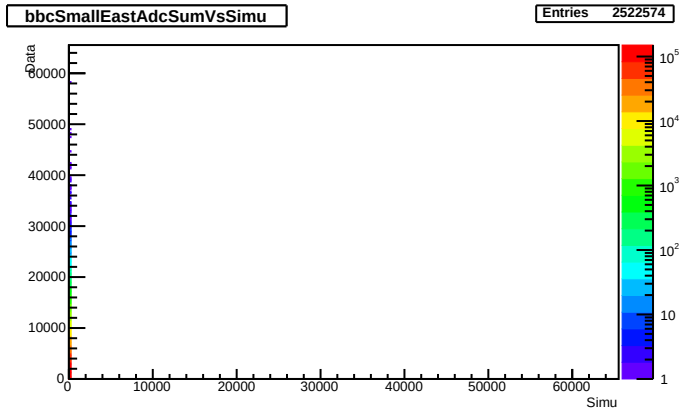

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.006118e+07
ADC
QT Input Channel

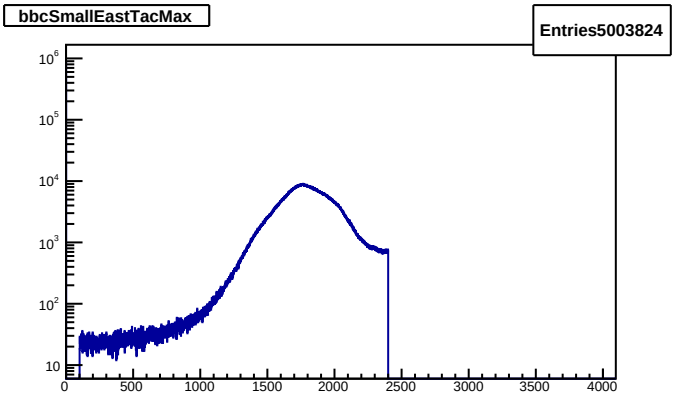

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.006118e+07
TAC
QT Input Channel

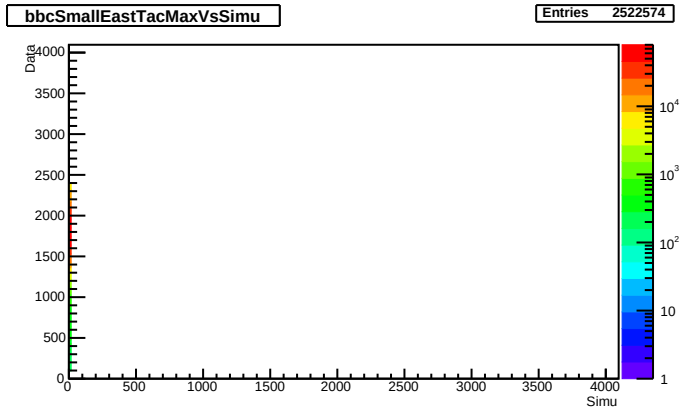

BBQ-ZD001 (ZDC TOWER)
Entries 8.006118e+07
ADC

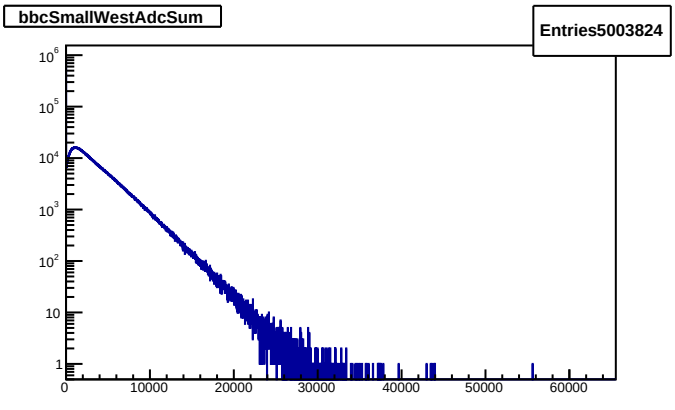

BBQ-ZD001 (ZDC TOWER)
Entries 8.006118e+07
TAC

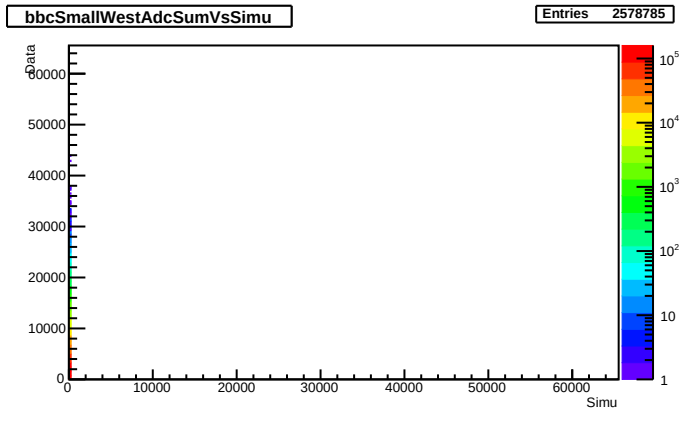

bbcSmallEastAdcSum
Entries5003824

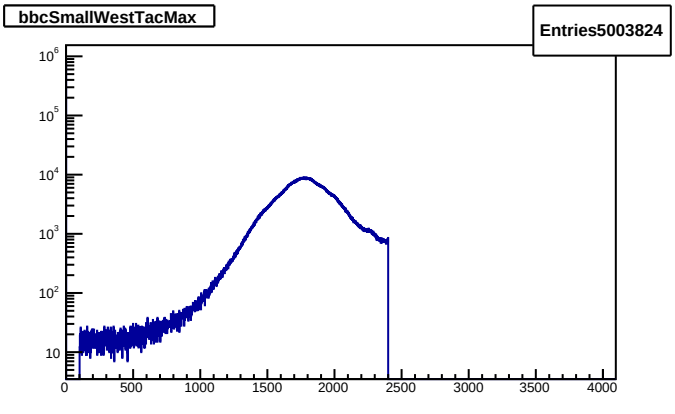

bbcSmallEastAdcSumVsSimu
Entries 2522574
Data
Simu

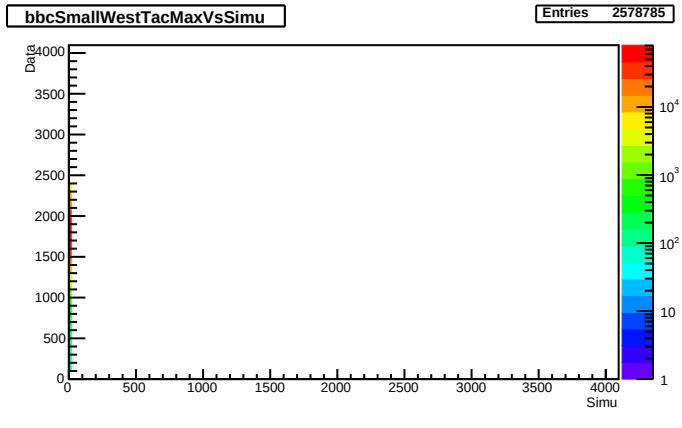

bbcSmallEastTacMax
Entries5003824

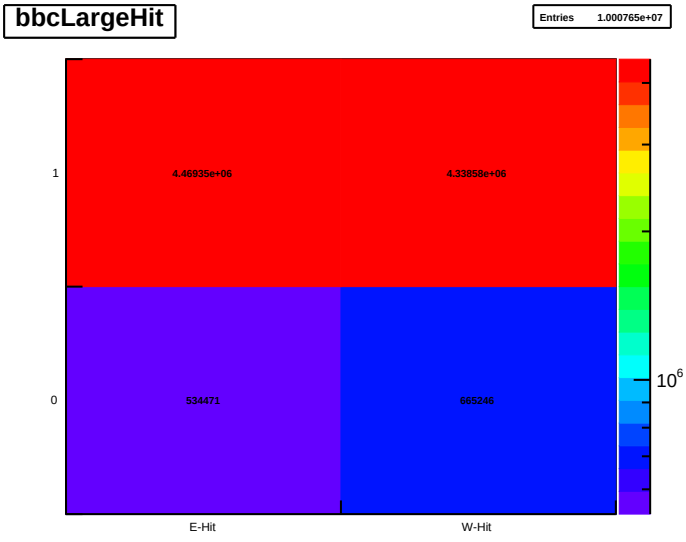

bbcSmallEastTacMaxVsSimu
Entries 2522574
Data
Simu

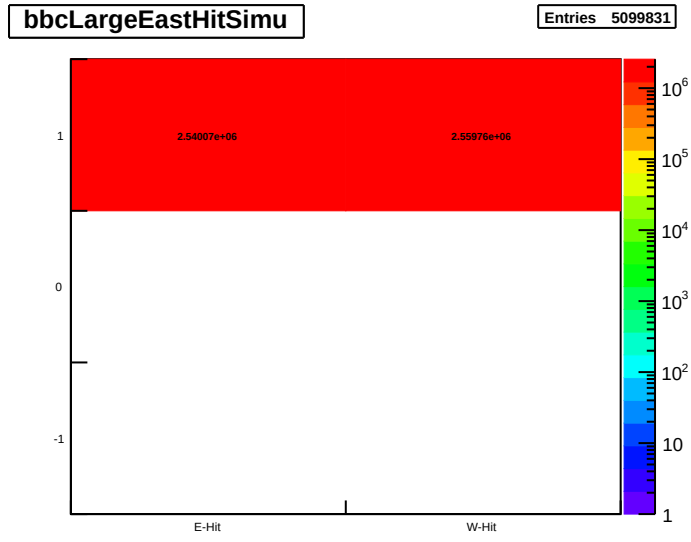

bbcSmallWestAdcSum
Entries5003824

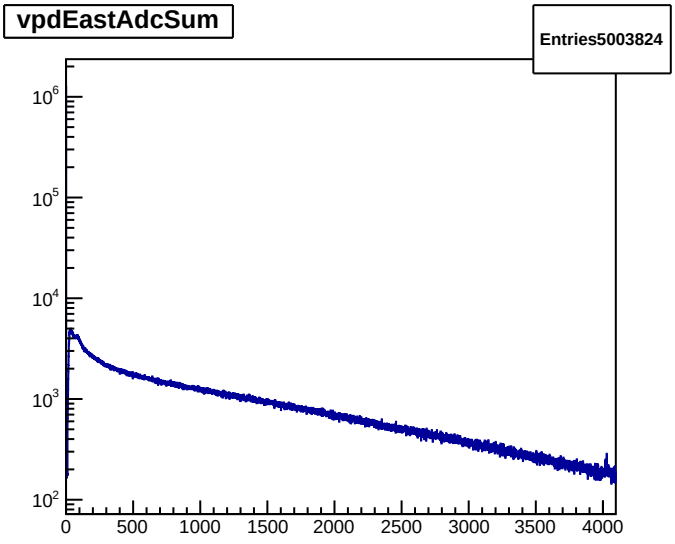

bbcSmallWestAdcSumVsSimu
Entries 2578785
Data
Simu

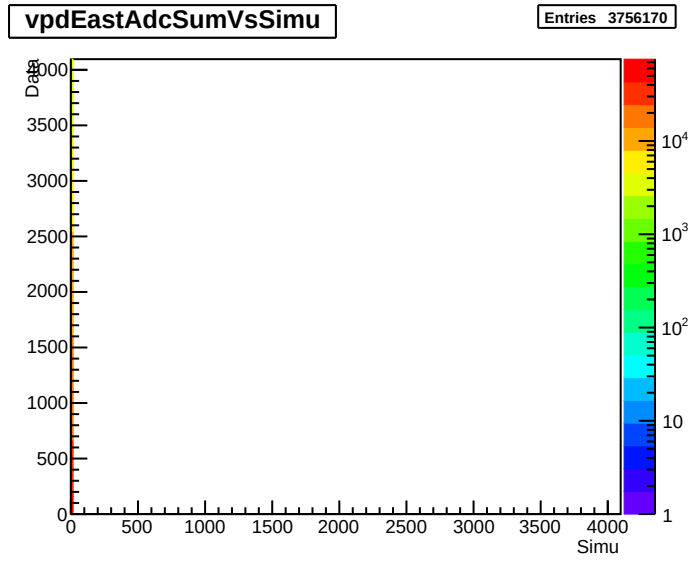

bbcSmallWestTacMax
Entries5003824

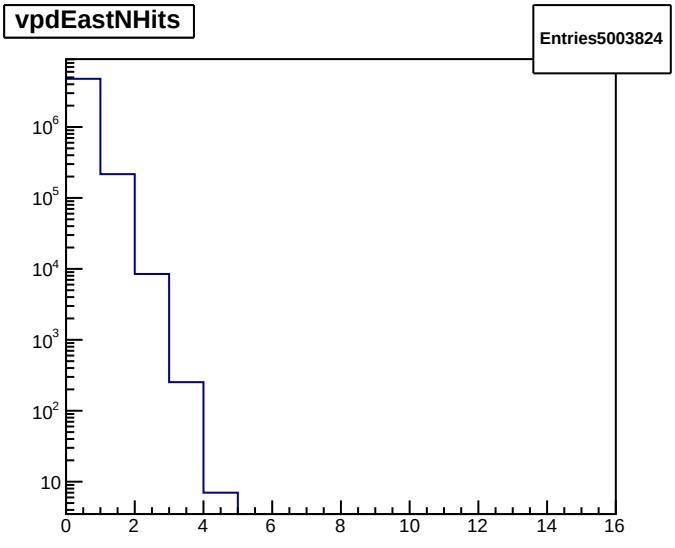

bbcSmallWestTacMaxVsSimu
Entries 2578785
Data
Simu

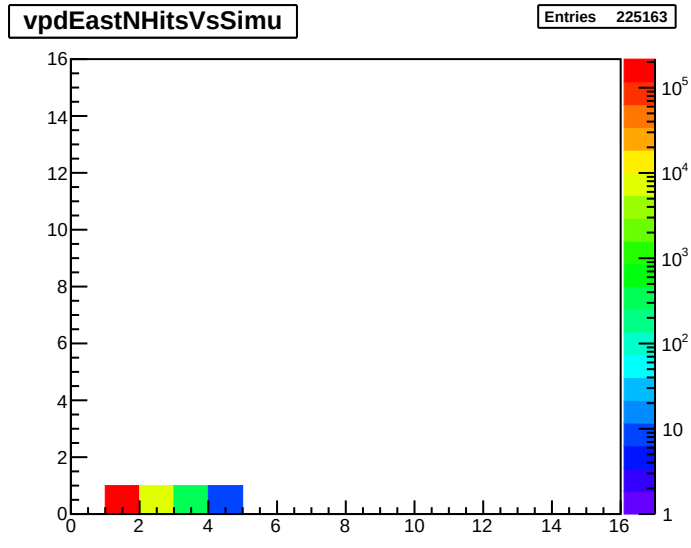

bbcLargeHit
Entries 1.000765e+07
1
0
4.46935e+06
4.33858e+06
534471
665246
E-Hit
W-Hit
10^6

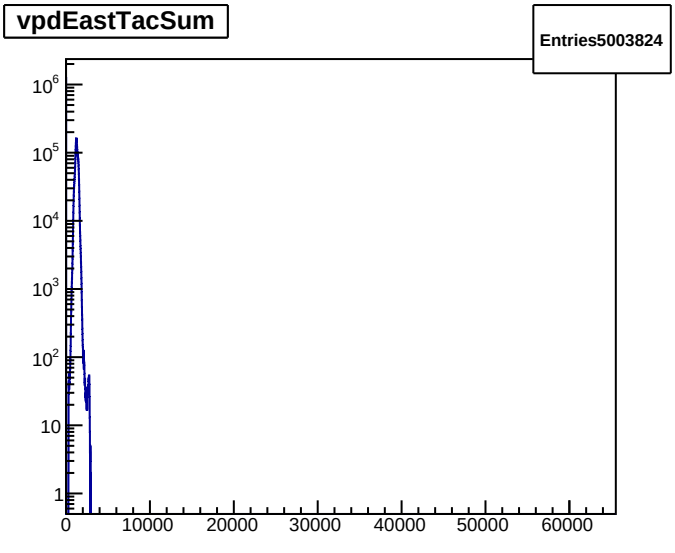

bbcLargeEastHitSimu
Entries 5099831
1
0
-1
2.54007e+06
2.55976e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

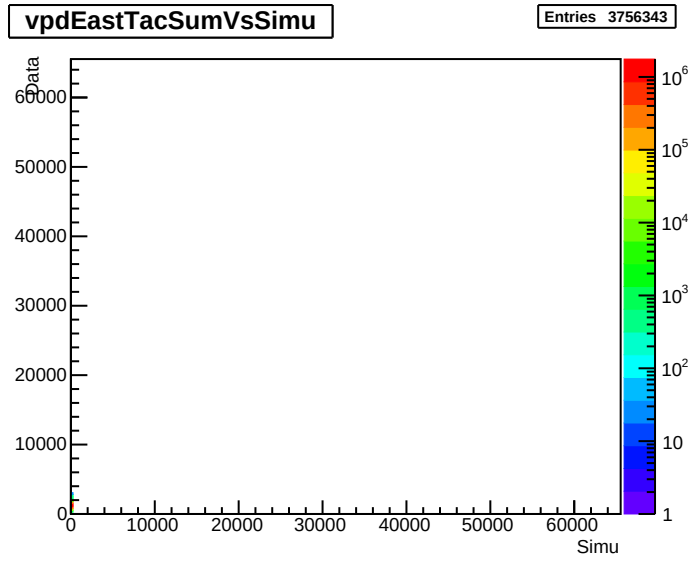

vpdEastAdcSum
Entries5003824

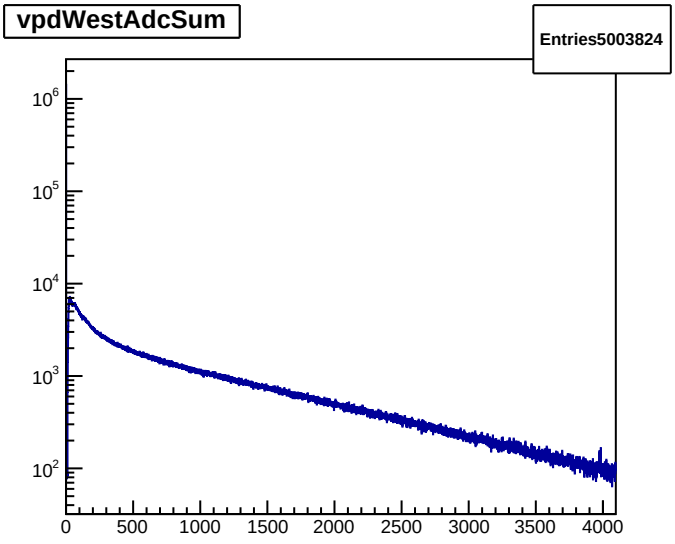

vpdEastAdcSumVsSimu
Entries 3756170
Data
Simu

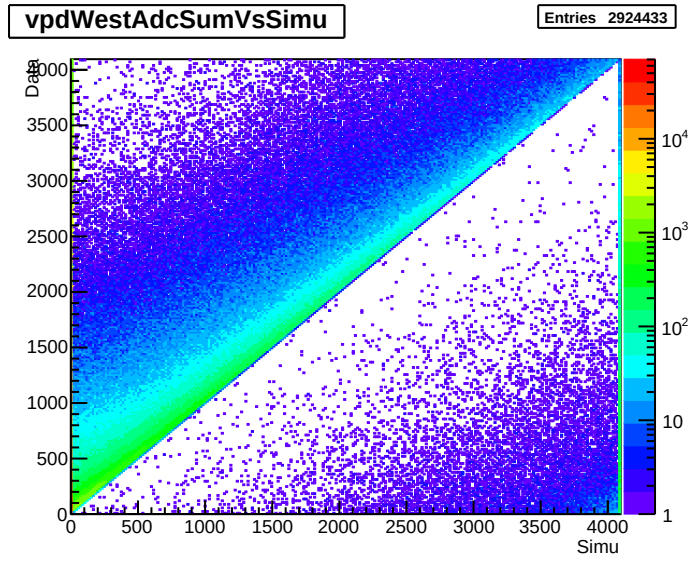

vpdEastNHits
Entries5003824

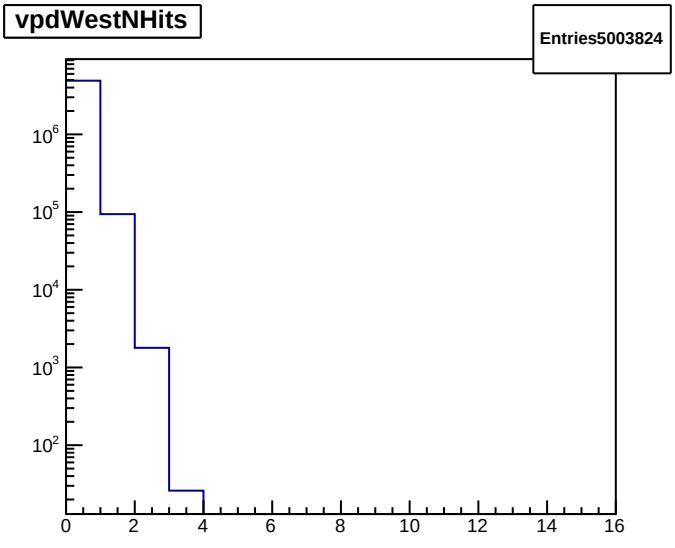

vpdEastNHitsVsSimu
Entries 225163

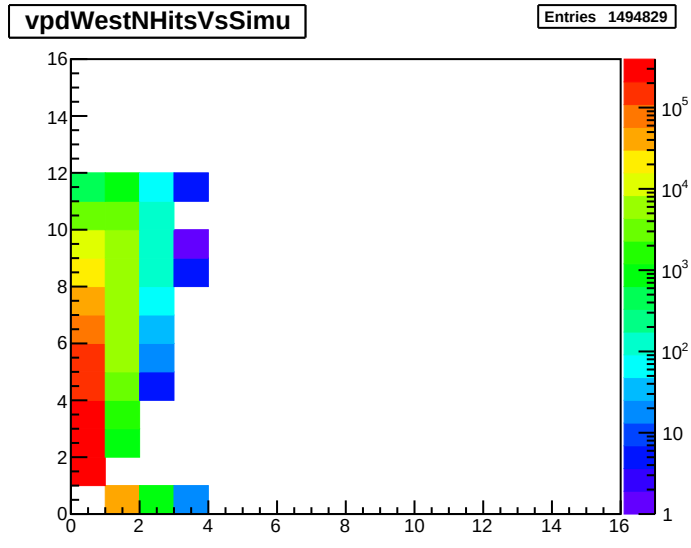

vpdEastTacSum
Entries5003824

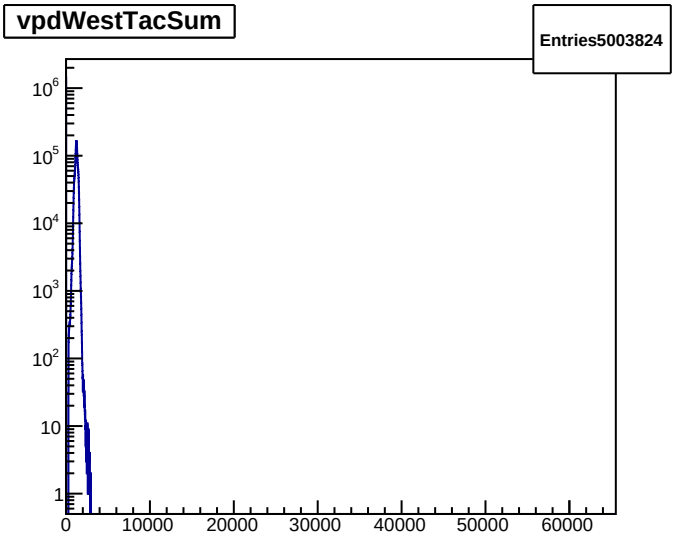

vpdEastTacSumVsSimu
Entries 3756343
Data
Simu

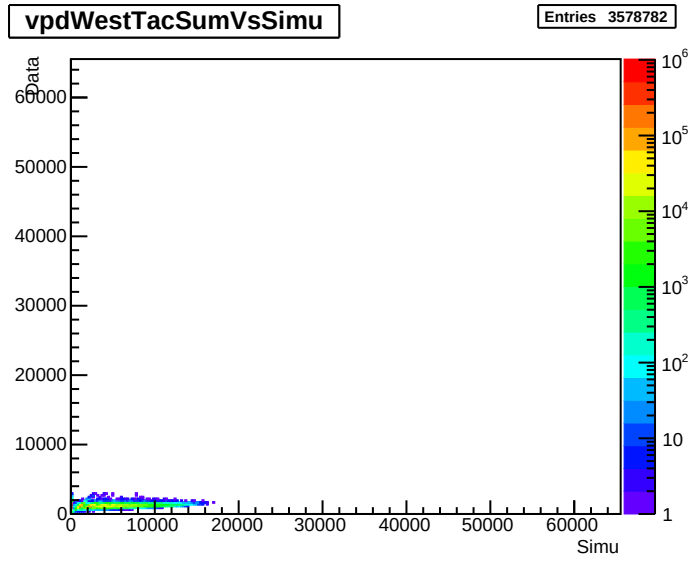

vpdWestAdcSum
Entries5003824

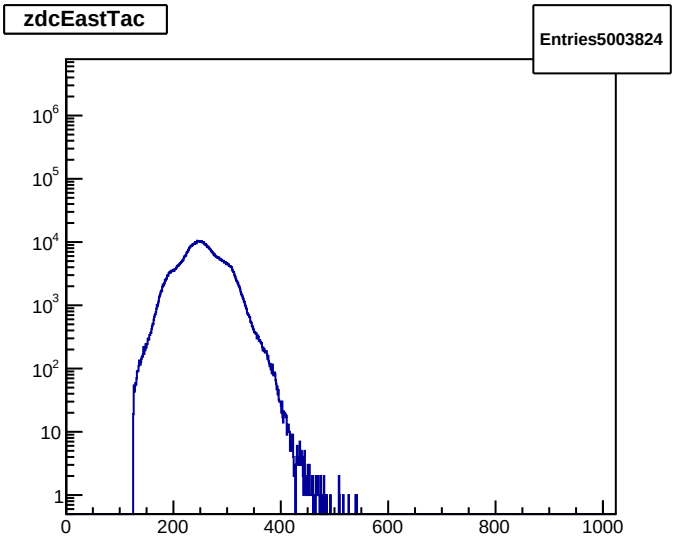

vpdWestAdcSumVsSimu
Entries 2924433
Data
Simu

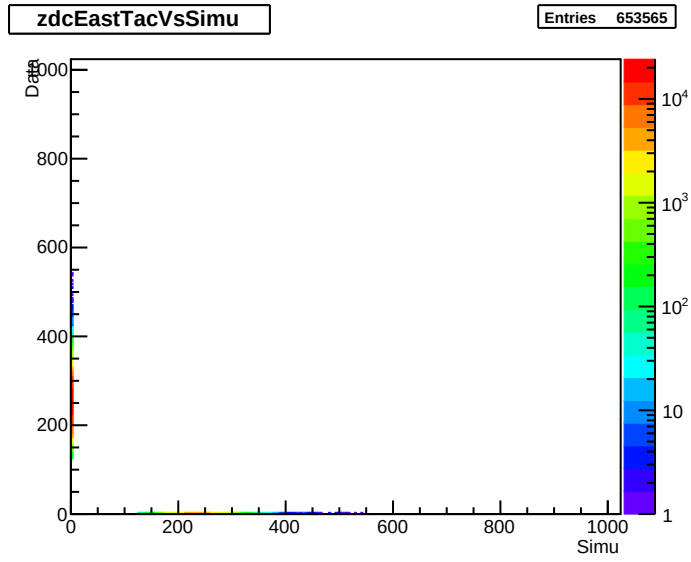

vpdWestNHits
Entries5003824

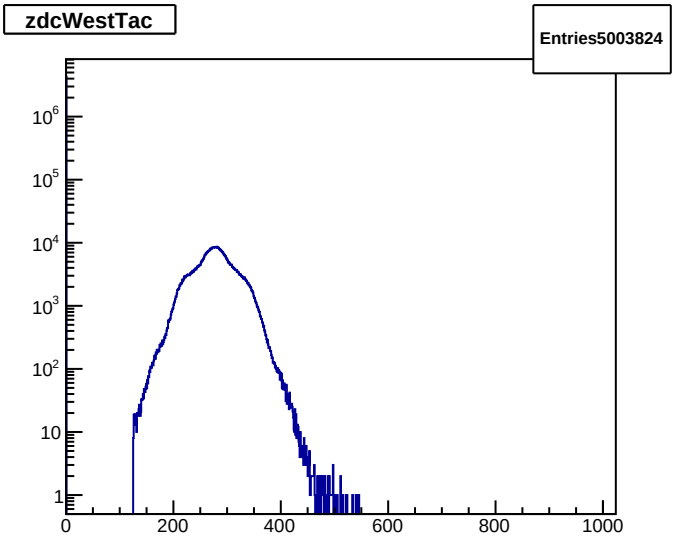

vpdWestNHitsVsSimu
Entries 1494829

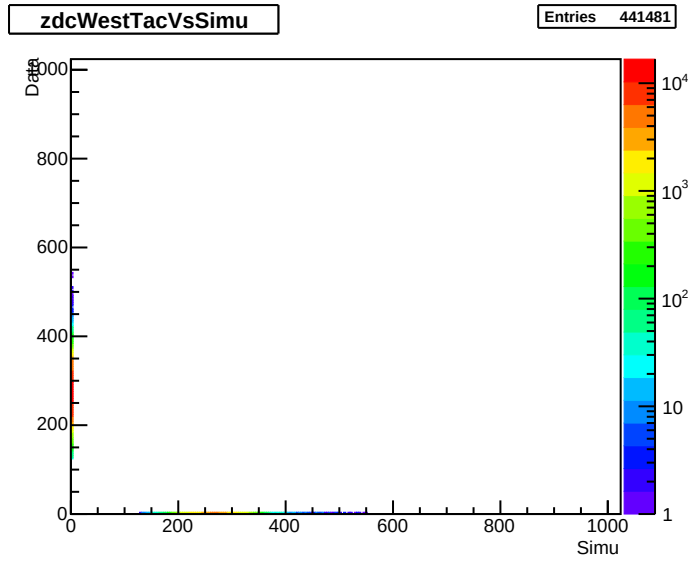

vpdWestTacSum
Entries5003824

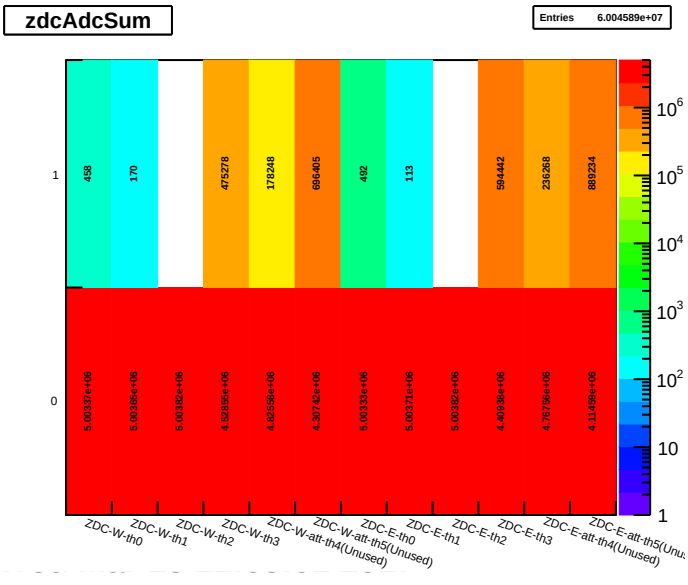

vpdWestTacSumVsSimu
Entries 3578782
Data
Simu

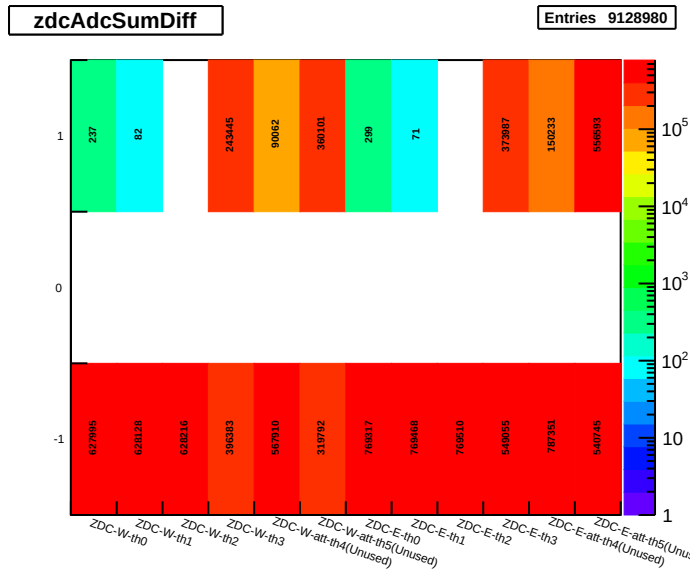

zdcEastTac
Entries5003824

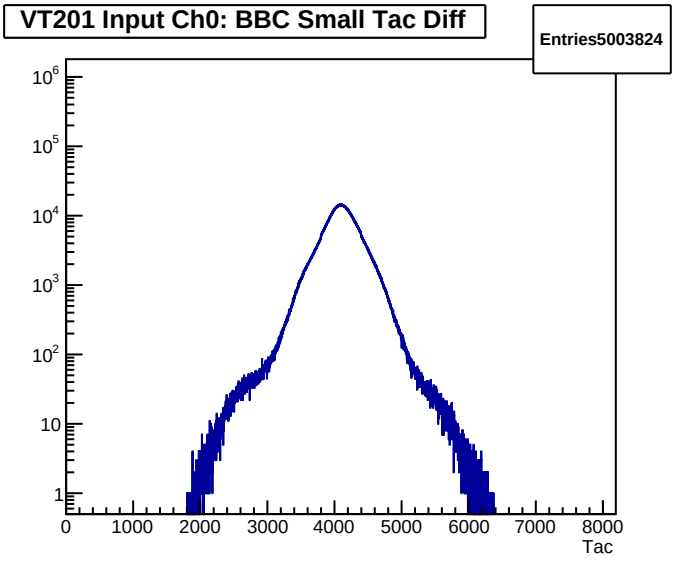

zdcEastTacVsSimu
Entries 653565
Data
Simu

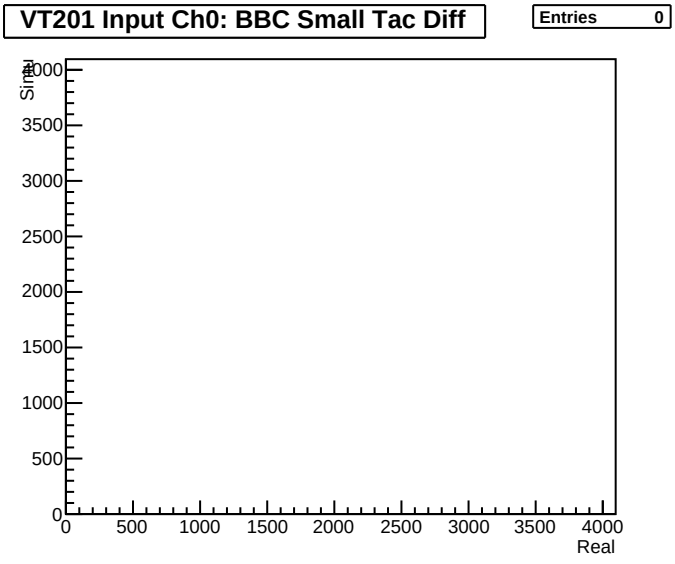

zdcWestTac
Entries5003824

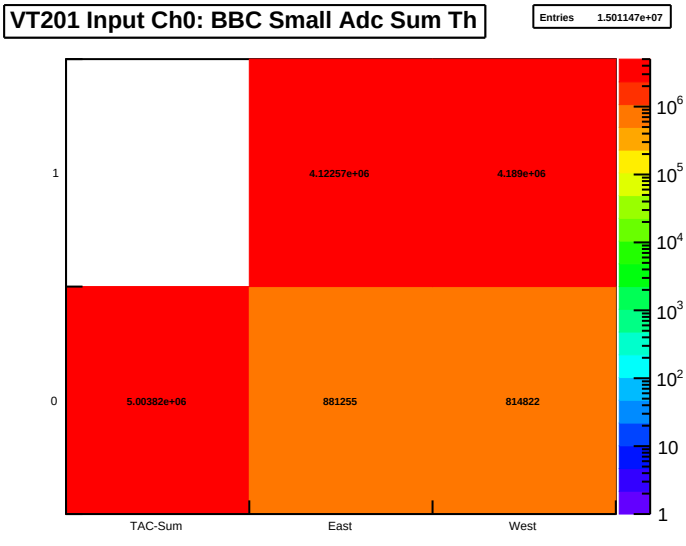

zdcWestTacVsSimu
Entries 441481
Data
Simu

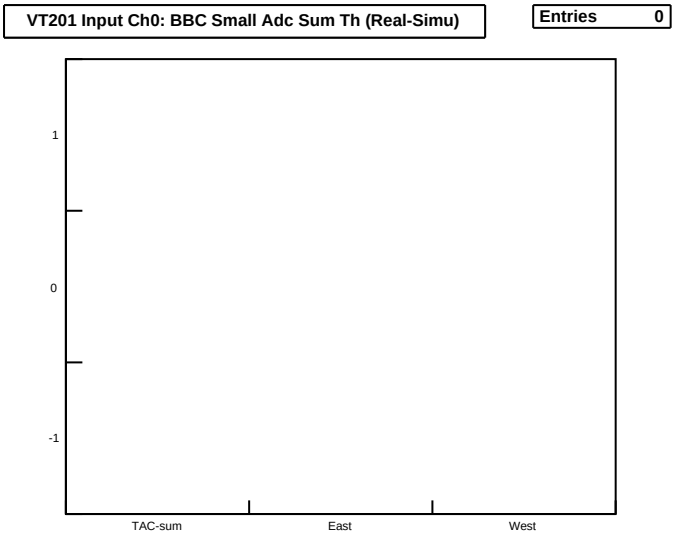

zdcAdcSum
Entries 6.004589e+07
458
170
475278
178248
696405
492
113
594442
236268
889234
5.00337e+06
5.00365e+06
5.00382e+06
4.52895e+06
4.82558e+06
4.30742e+06
5.00333e+06
5.00371e+06
5.00382e+06
4.40938e+06
4.76756e+06
4.11459e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

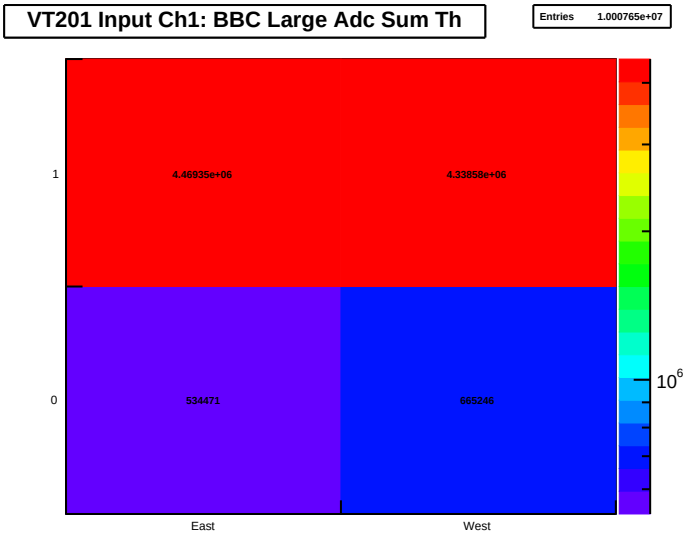

zdcAdcSumDiff
Entries 9128980
237
82
243445
90062
360101
299
71
373987
150233
556593
620995
628128
628216
396383
567910
319792
769317
769468
769510
549055
787351
540745
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

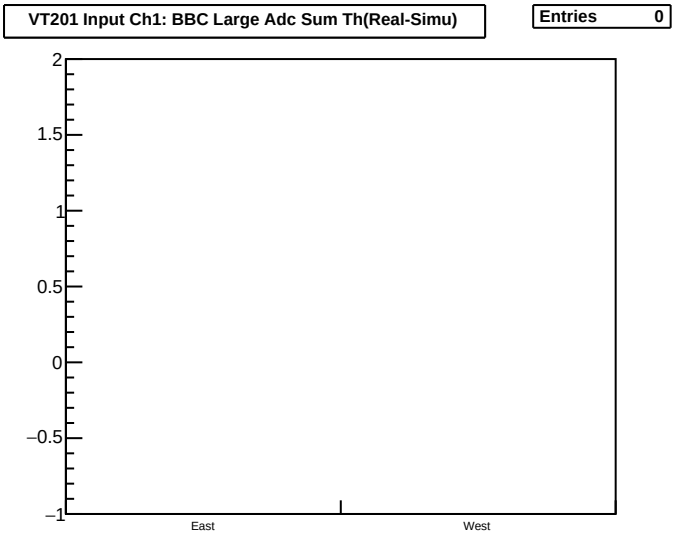

VT201 Input Ch0: BBC Small Tac Diff
Entries5003824
Tac


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

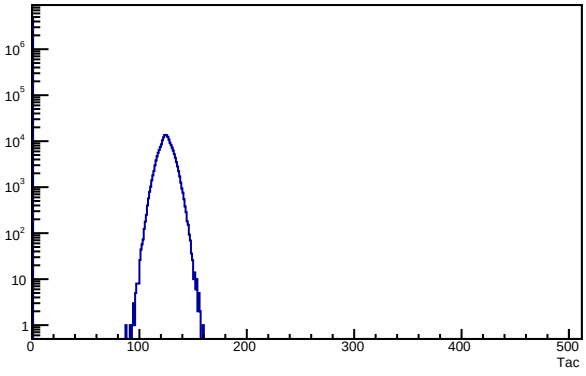

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.501147e+07
4.12257e+06
4.189e+06
5.00382e+06
881255
814822
TAC-Sum
East
West


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

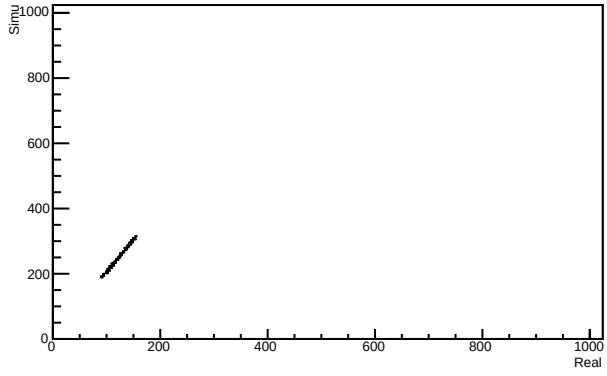

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.000765e+07
4.46935e+06
4.33858e+06
534471
665246
East
West


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

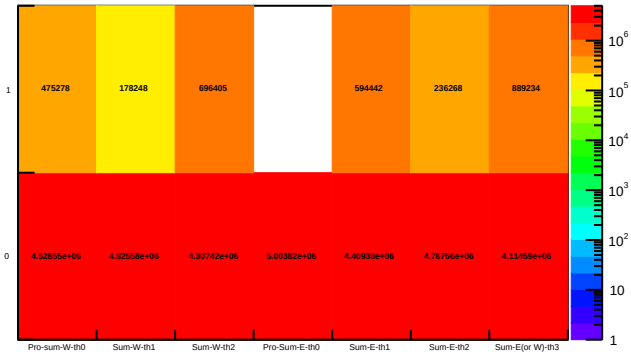
VT201 Input Ch2: ZDC Tac Diff



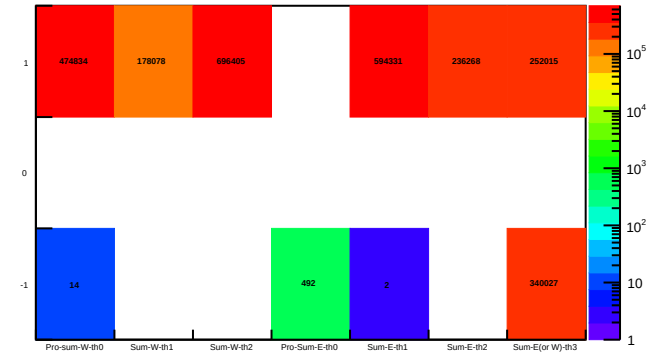
VT201 Input Ch2: ZDC Tac Diff



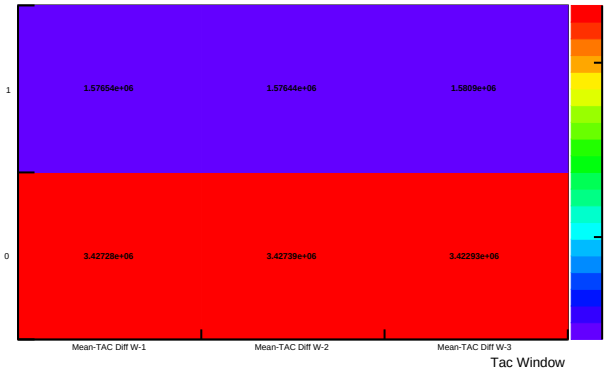
VT201 Input Ch2: ZDC Adc Sum Th



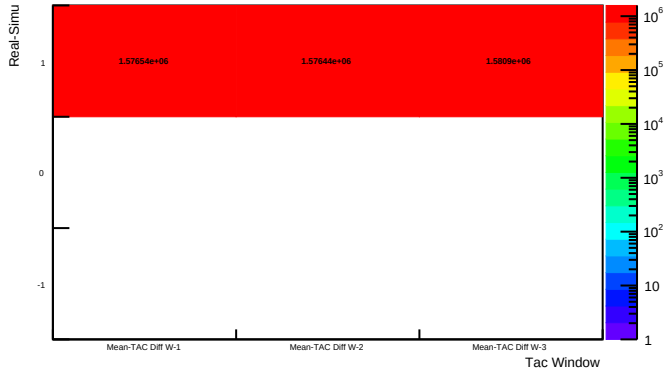
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



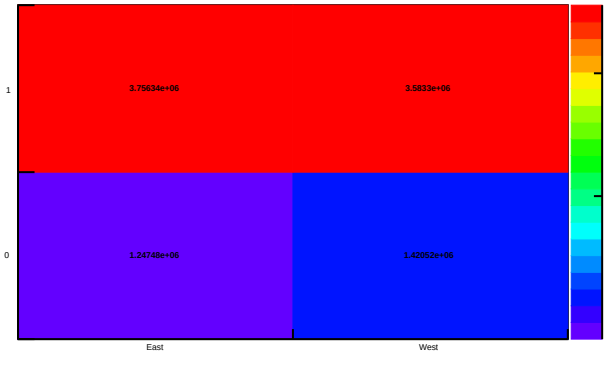
VT201 Input Ch4: VPD Tac Diff



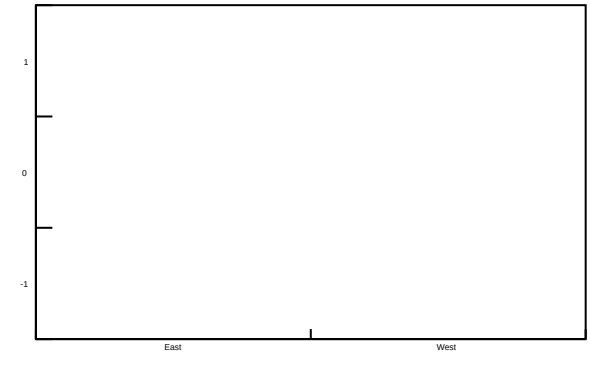
VT201 Input Ch4: VPD Tac Diff

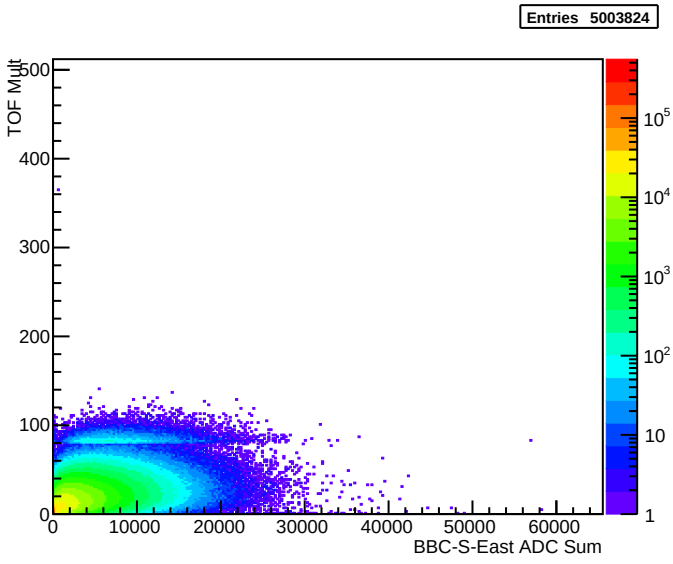


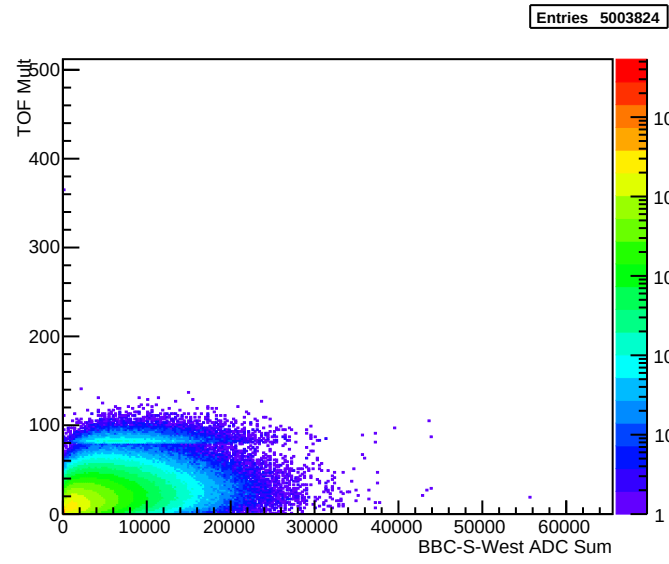
VT201 Input Ch4: VPD Adc Sum Th

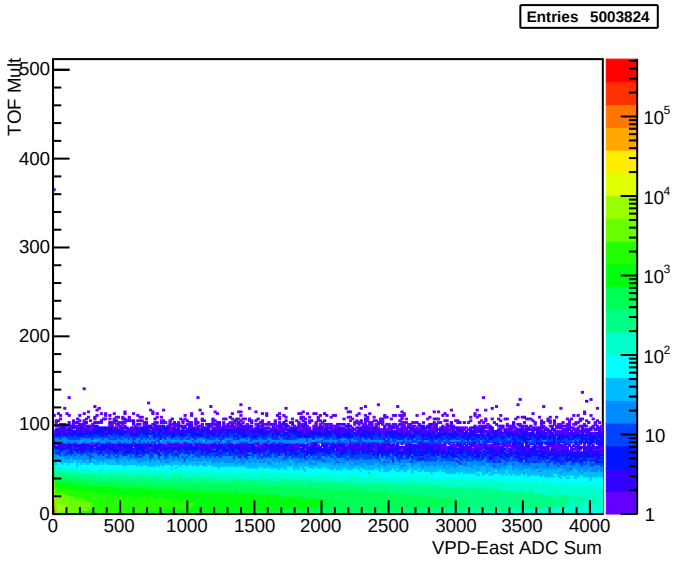


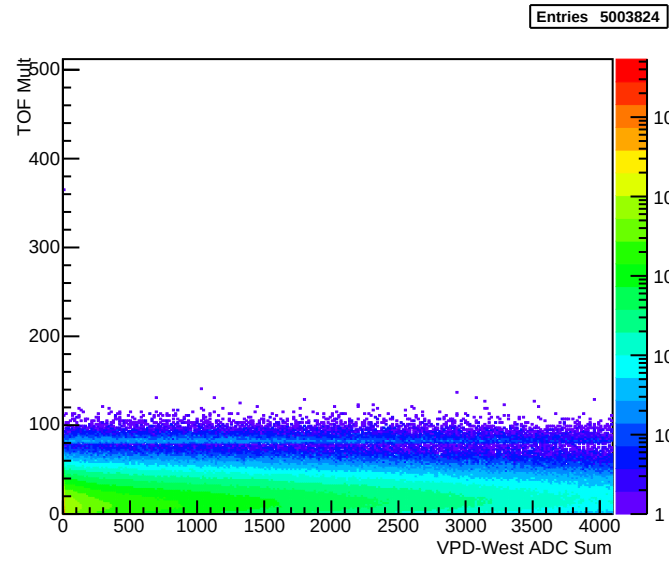
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

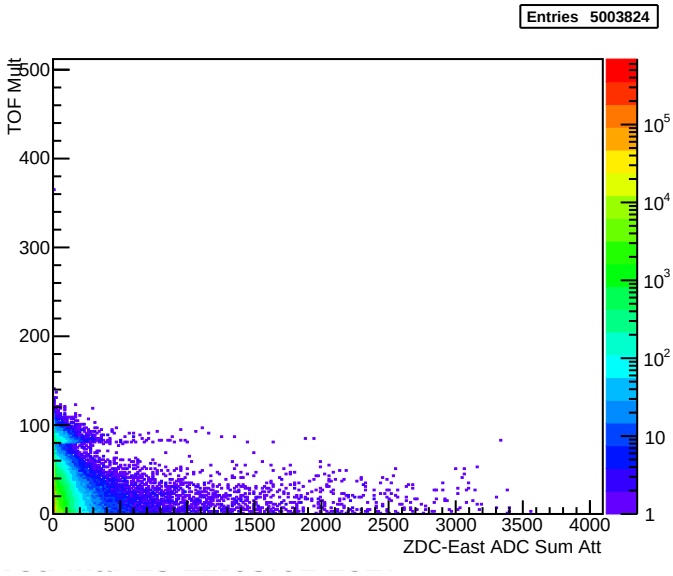


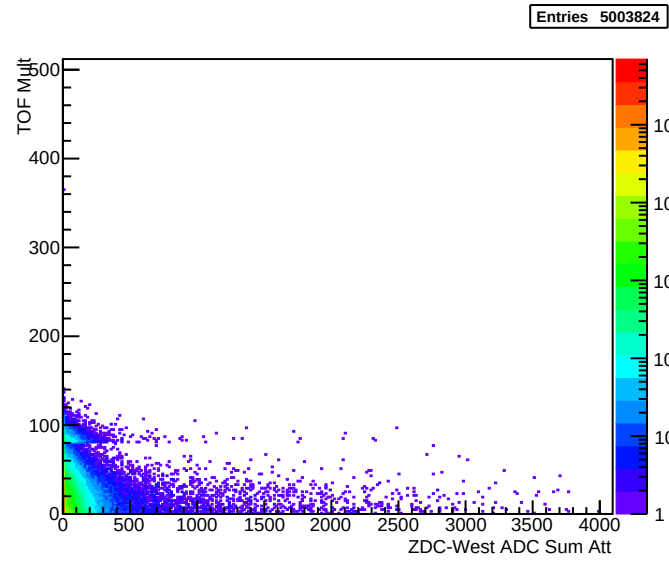

Entries 5003824
TOF Mult
BBC-S-East ADC Sum

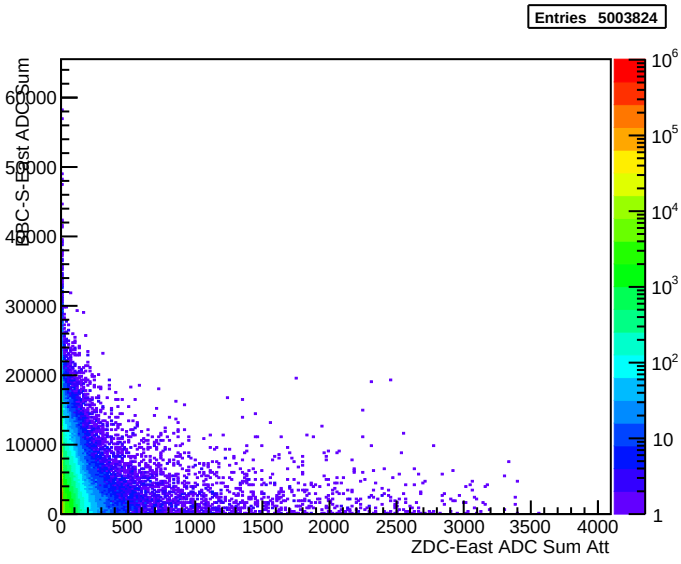

Entries 5003824
TOF Mult
BBC-S-West ADC Sum

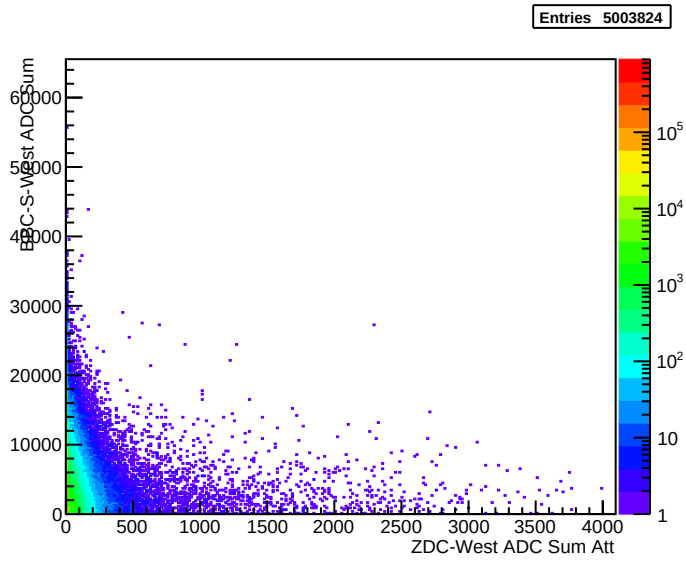

Entries 5003824
TOF Mult
VPD-East ADC Sum

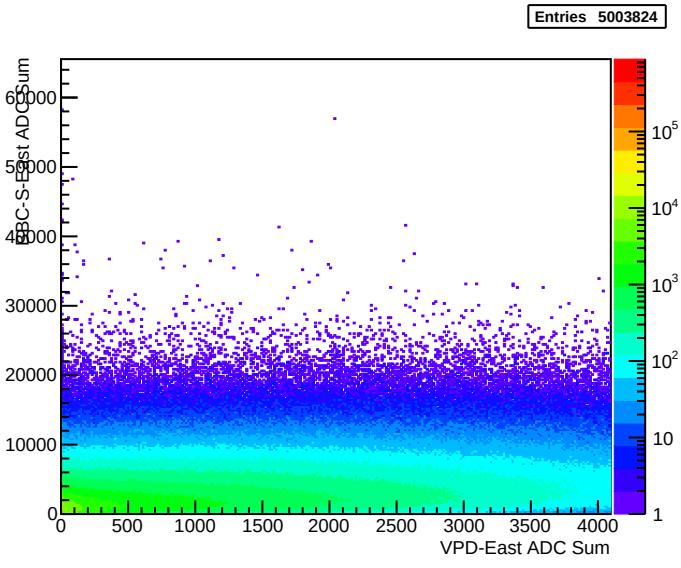

Entries 5003824
TOF Mult
VPD-West ADC Sum

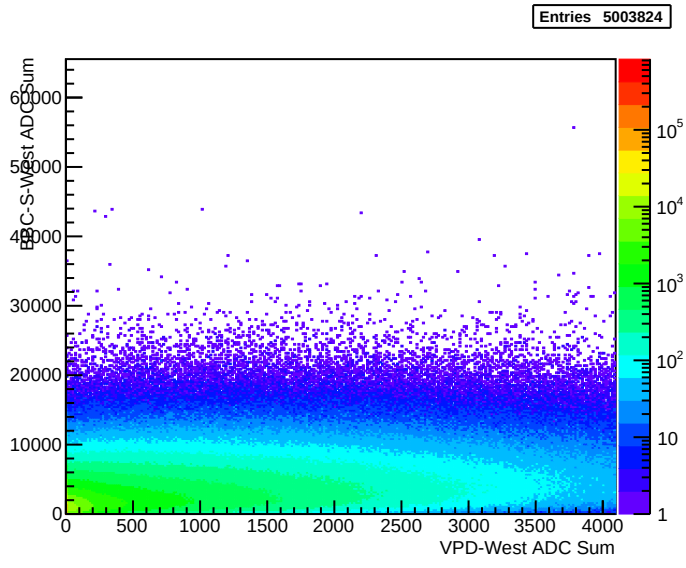

Entries 5003824
TOF Mult
ZDC-East ADC Sum Att

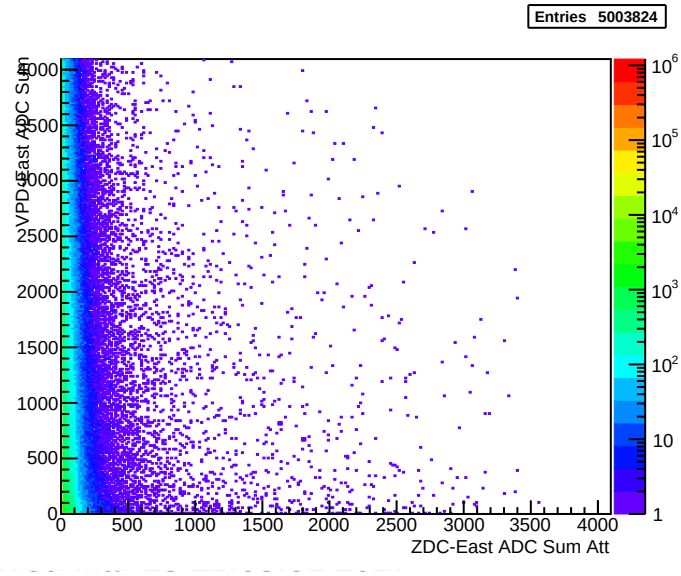

Entries 5003824
TOF Mult
ZDC-West ADC Sum Att

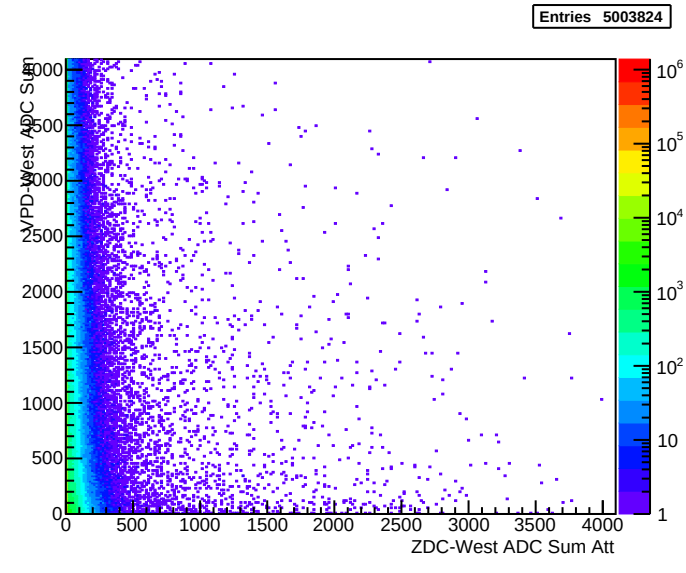

Entries 5003824
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

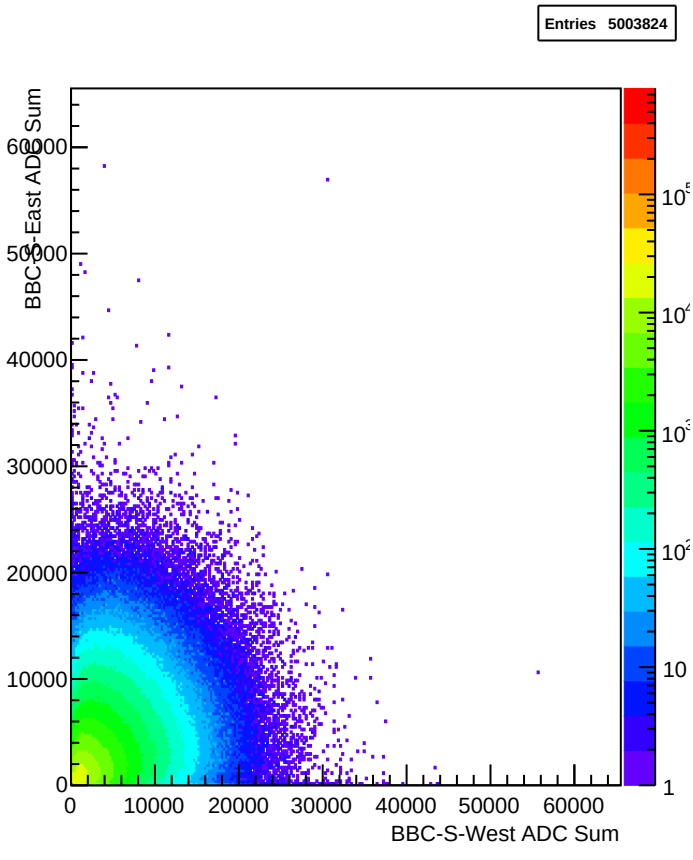

Entries 5003824
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

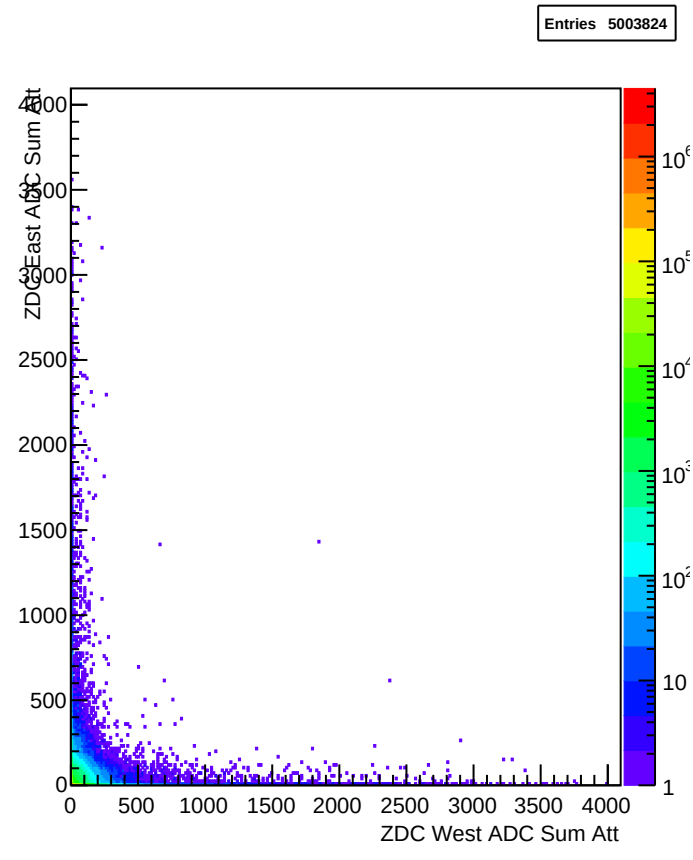

Entries 5003824
BBC-S-East ADC Sum
VPD-East ADC Sum

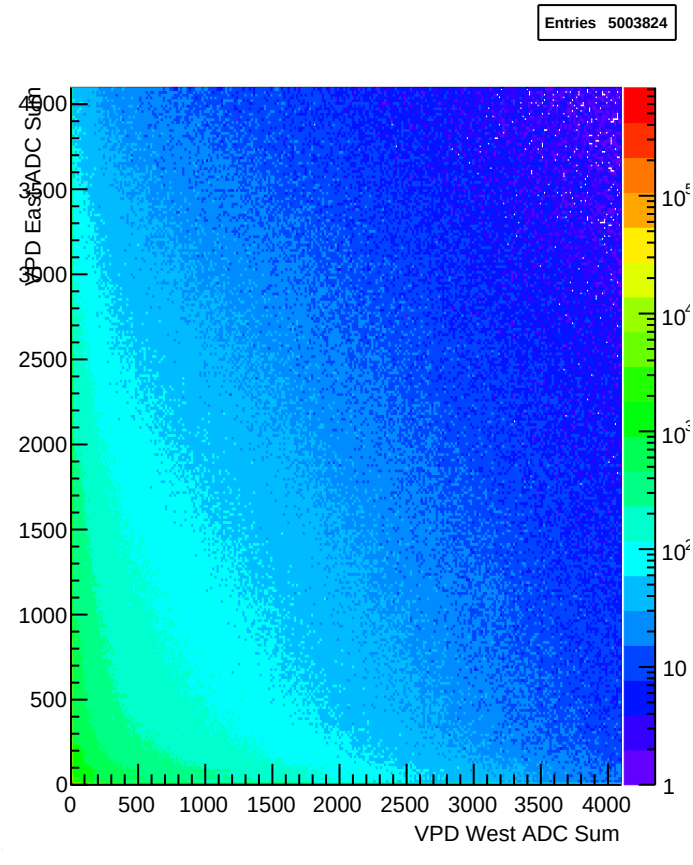

Entries 5003824
BBC-S-West ADC Sum
VPD-West ADC Sum

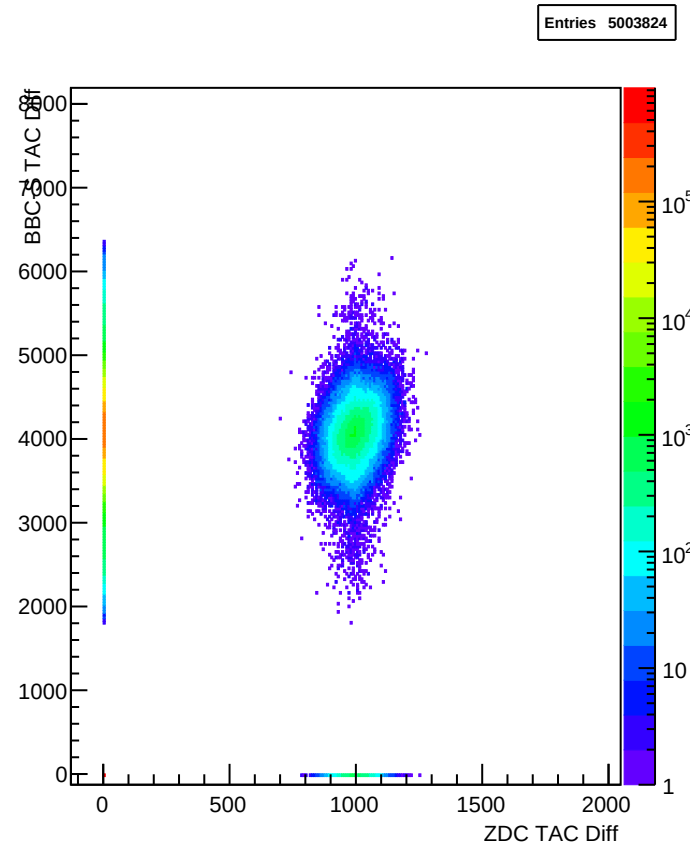

Entries 5003824
VPD-East ADC Sum
ZDC-East ADC Sum Att

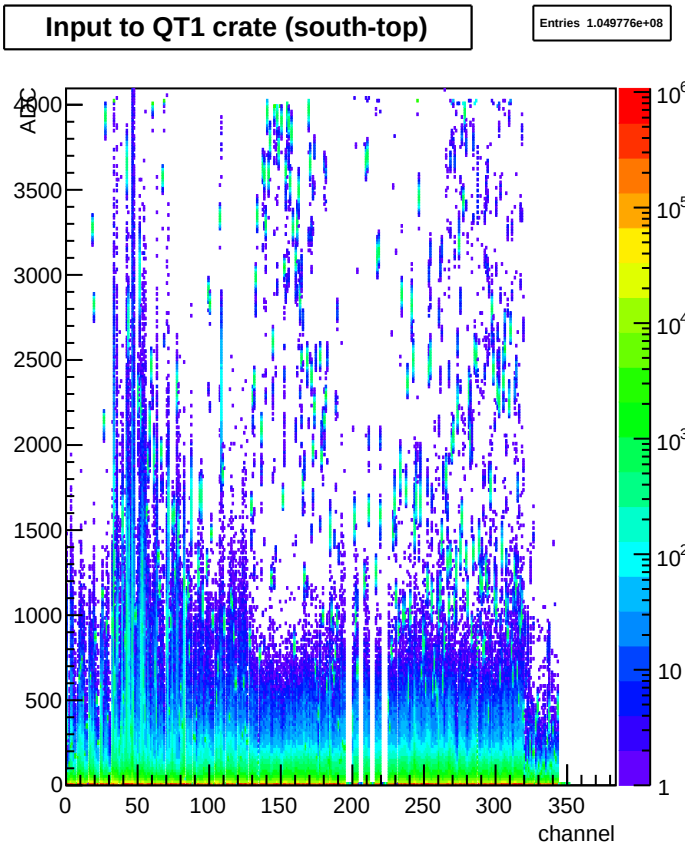

Entries 5003824
VPD-West ADC Sum
ZDC-West ADC Sum Att

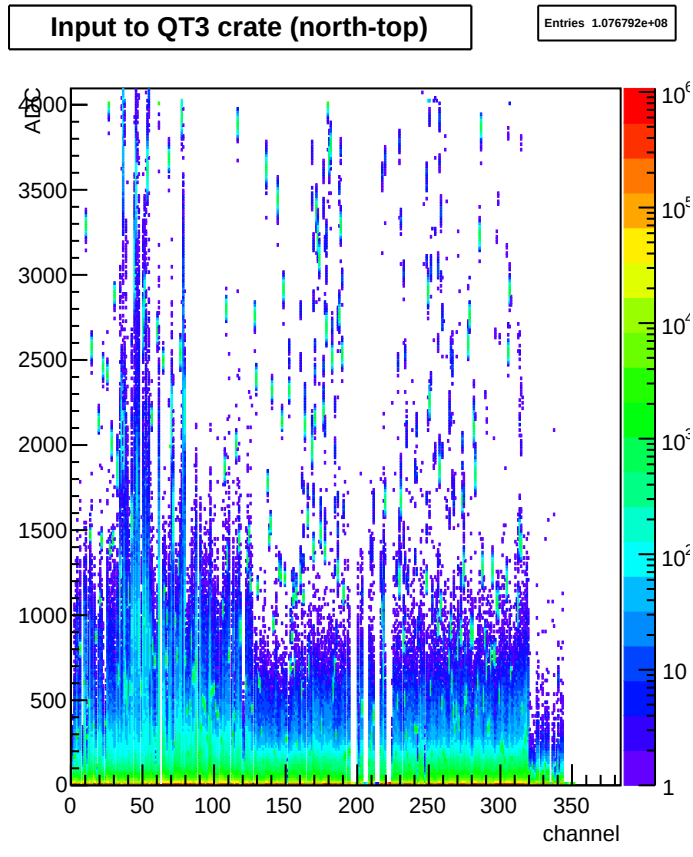

Entries 5003824
BBC-S-East ADC Sum
BBC-S-West ADC Sum

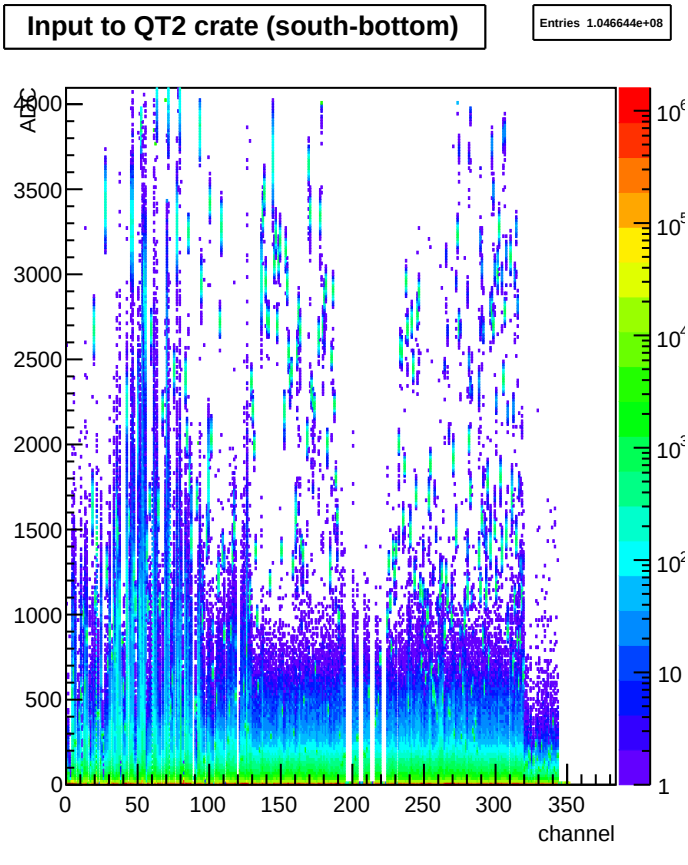

Entries 5003824
ZDC East ADC Sum Att
ZDC West ADC Sum Att

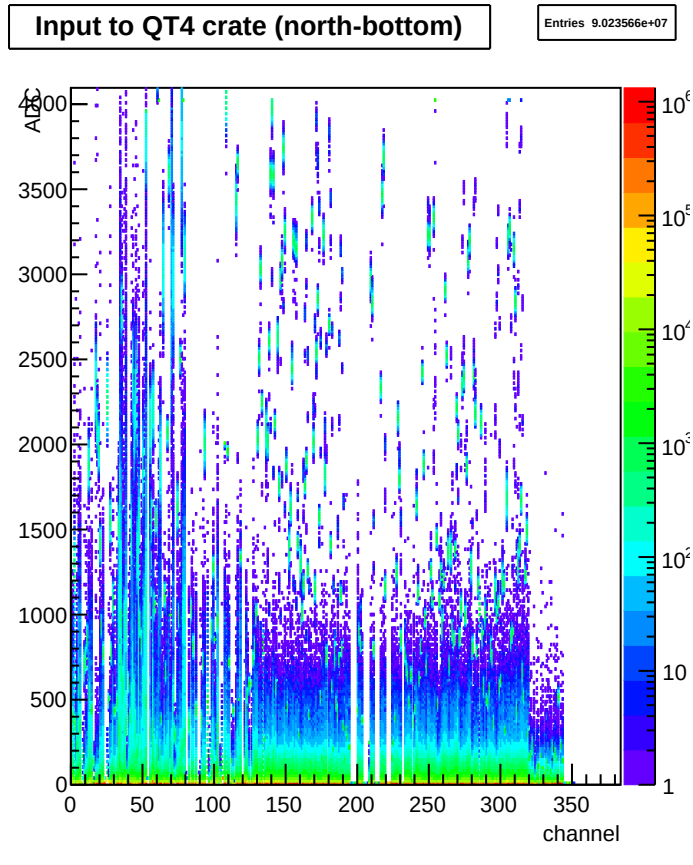

Entries 5003824
VPD East ADC Sum
VPD West ADC Sum

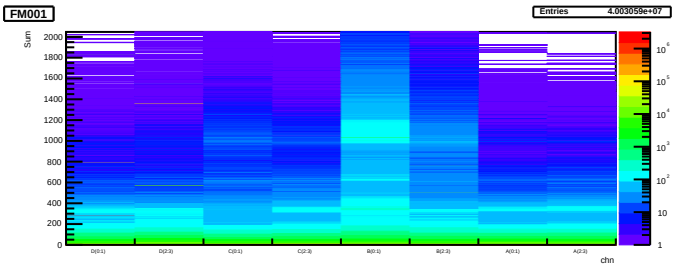

Entries 5003824
BBC-S TAC Diff
ZDC TAC Diff

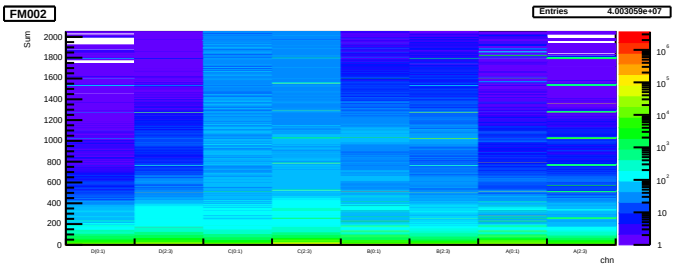

Input to QT1 crate (south-top)
Entries 1.049776e+08
ADC
channel

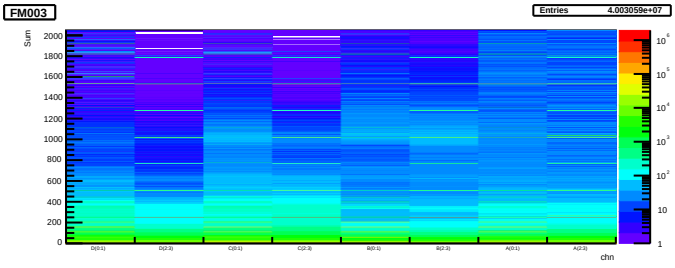

Input to QT3 crate (north-top)
Entries 1.076792e+08
ADC
channel

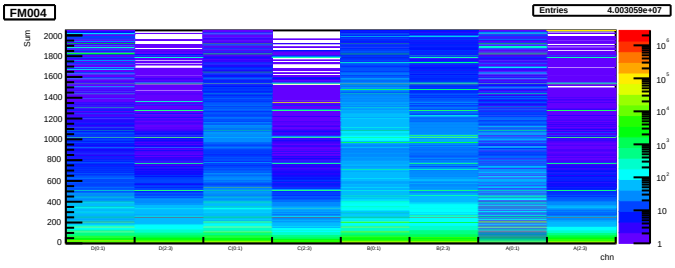

Input to QT2 crate (south-bottom)
Entries 1.046644e+08
ADC
channel

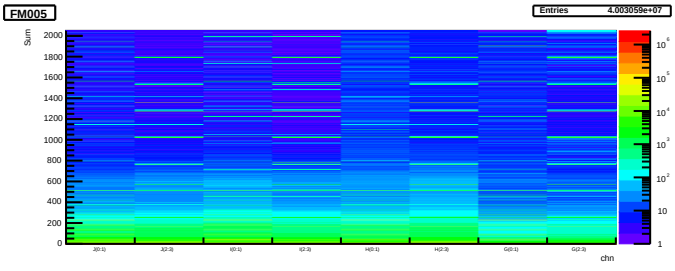

Input to QT4 crate (north-bottom)
Entries 9.023566e+07
ADC
channel

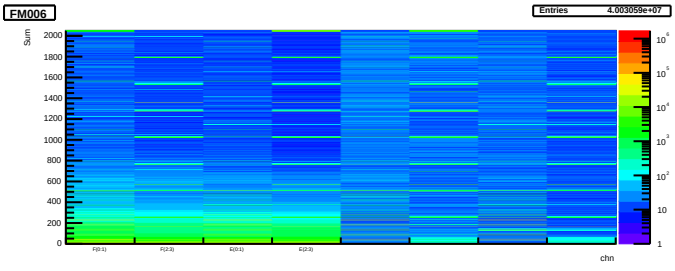

FM001
Entries 4.003059e+07
Sum
chn

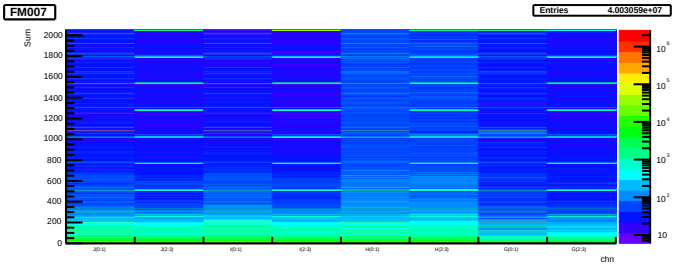

FM002
Entries 4.003059e+07
Sum
chn

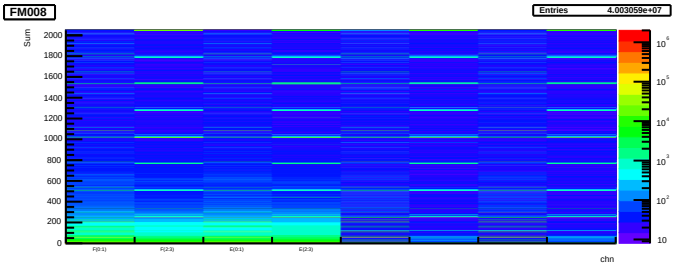

FM003
Entries 4.003059e+07
Sum
chn

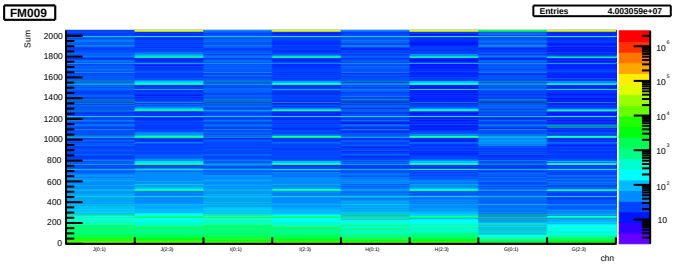

FM004
Entries 4.003059e+07
Sum
chn


FM005
Entries 4.003059e+07
Sum
chn


FM006
Entries 4.003059e+07
Sum
chn


FM007
Entries 4.003059e+07
Sum
chn


FM008
Entries 4.003059e+07
Sum
chn


FM009
Entries 4.003059e+07
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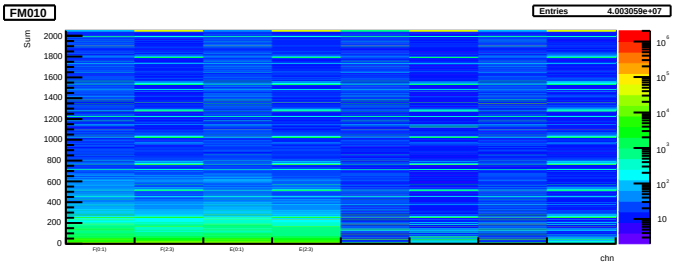
FM010
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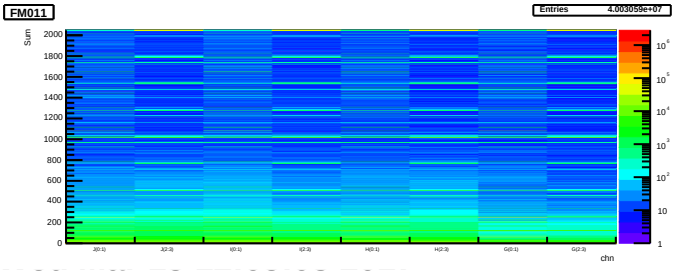
Sum
chn


FM011
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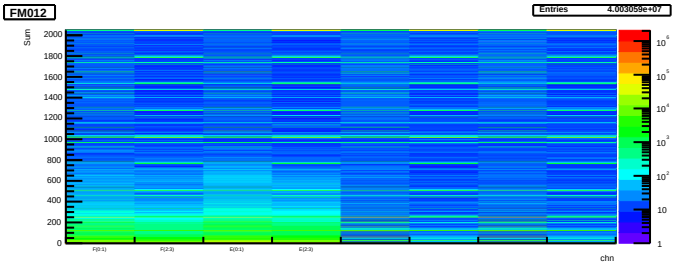
Sum
chn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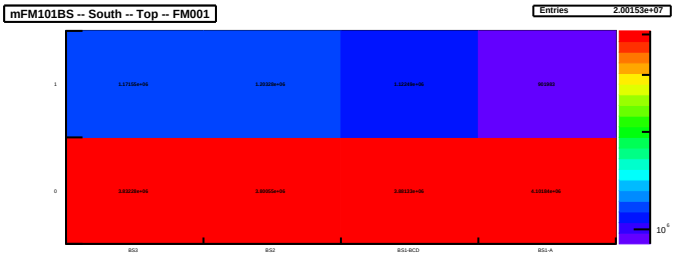
Sum
chn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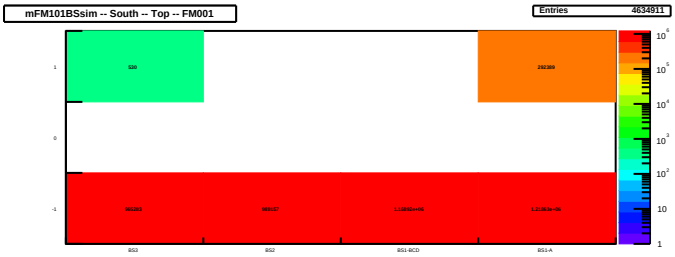
Entries 2.00153e+07
BS3
BS2
BS1-BCD
BS1-A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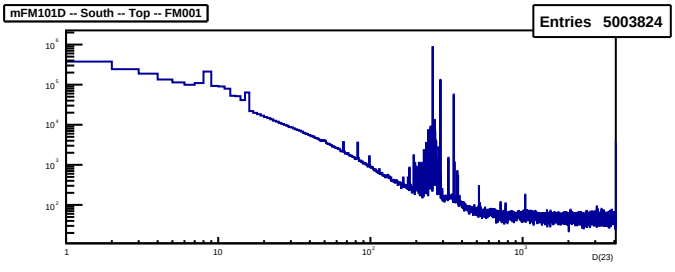
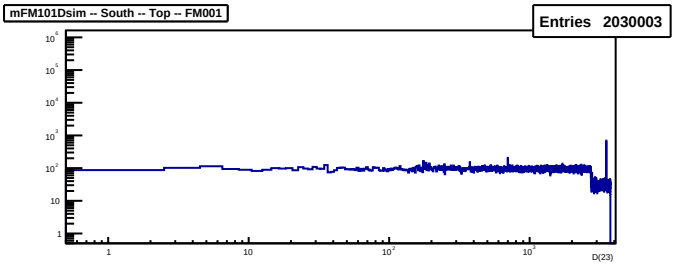
Entries 4634911
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 5003824
D(23)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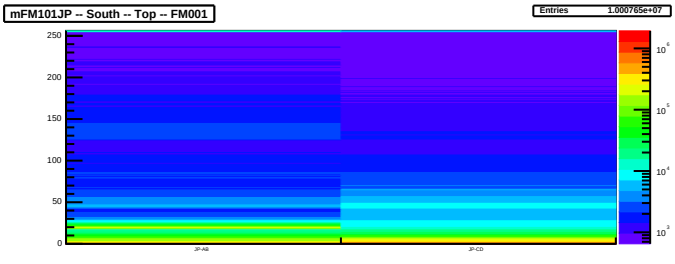
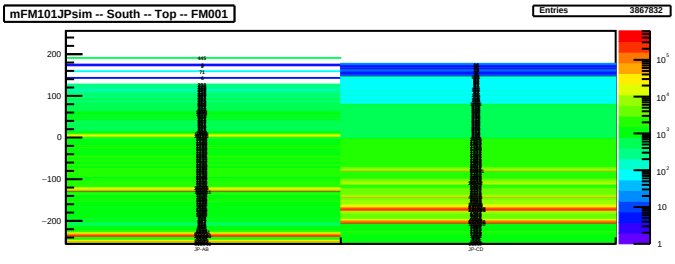
Entries 2030003
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1.000765e+07
JP-AB
JP-CD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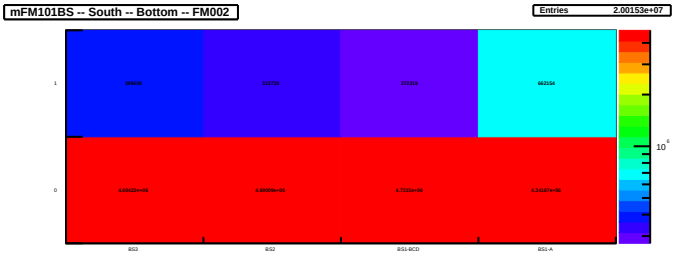
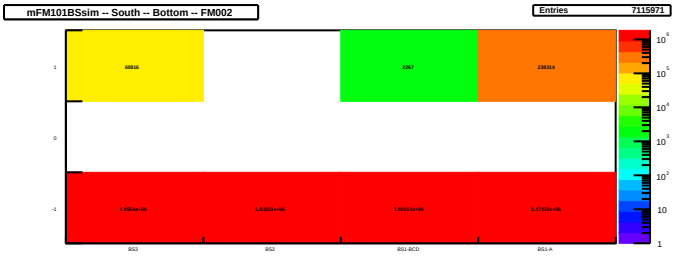
Entries 3867832
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 2.00153e+07
BS3
BS2
BS1-BCD
BS1-A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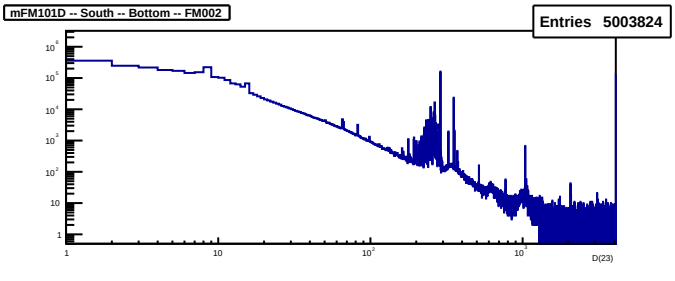
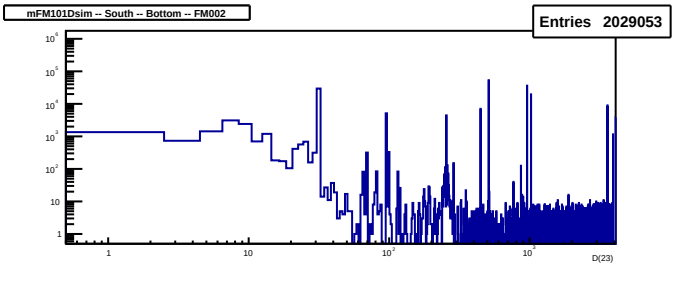
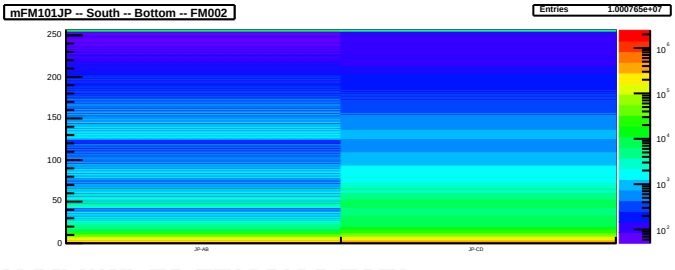
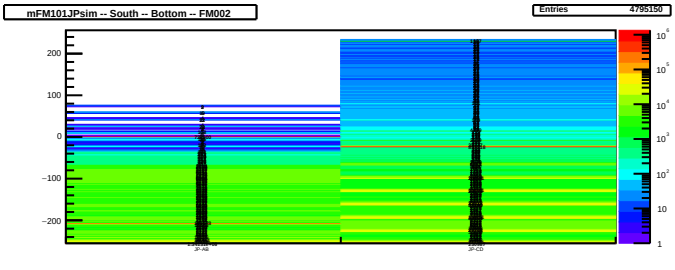
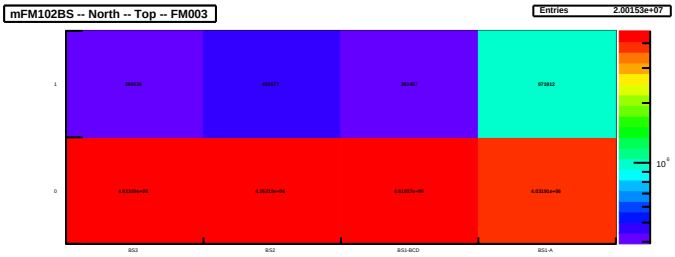
BS3
BS2
BS1-BCD
BS1-A

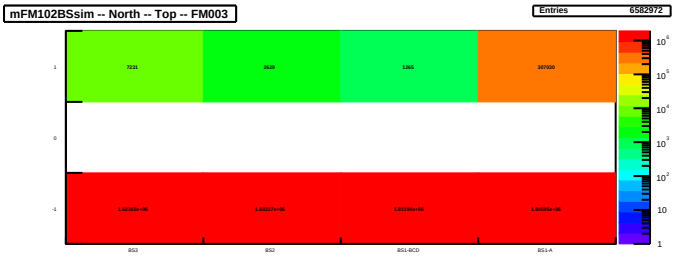

mFM101D -- South -- Bottom -- FM002
Entries 5003824
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 2029053
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1.000765e+07
JP-AB
JP-CD


mFM101JPsim -- South -- Bottom -- FM002
Entries 4795150
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2.00153e+07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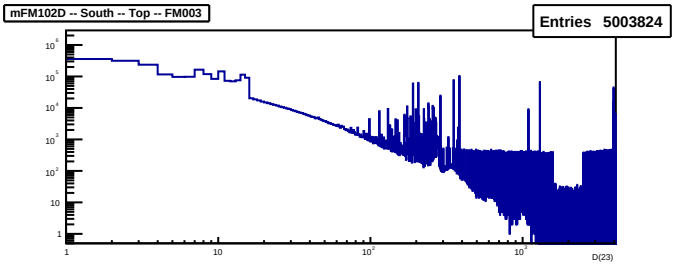
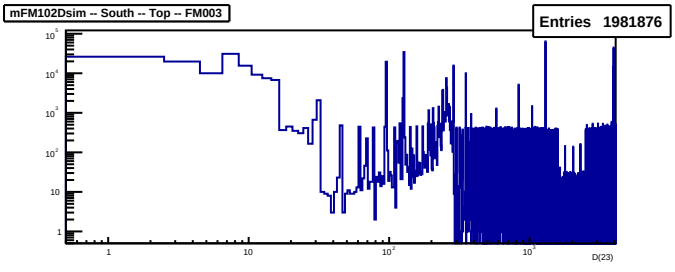
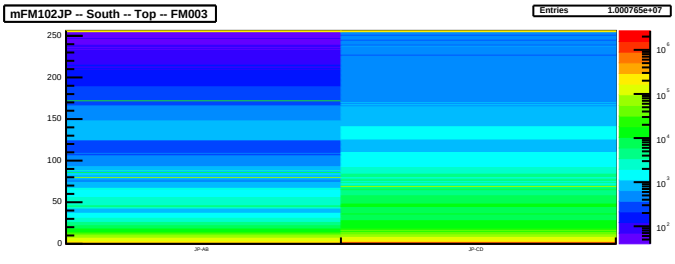
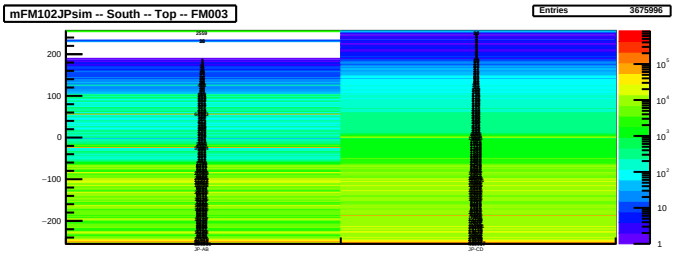
Entries 6582972


mFM102D -- South -- Top -- FM003
Entries 5003824
D(23)


mFM102Dsim -- South -- Top -- FM003
Entries 1981876
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1.000765e+07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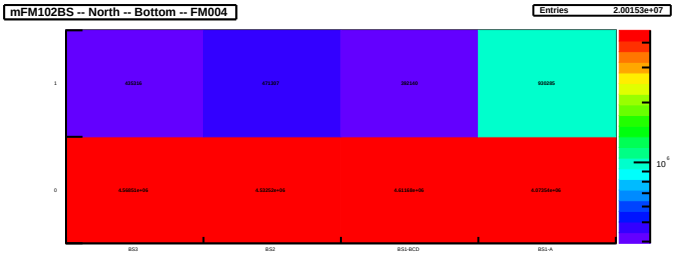
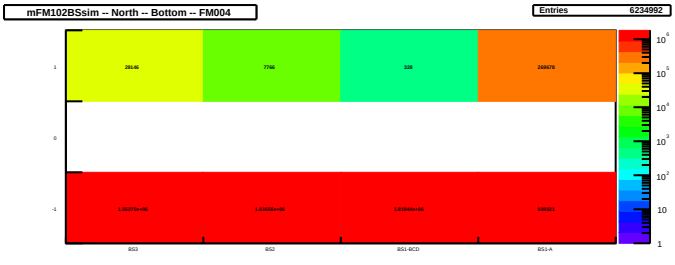
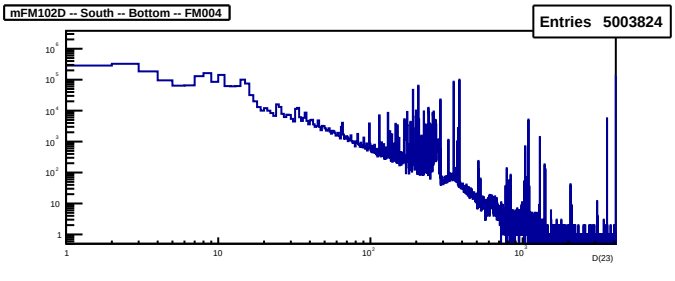
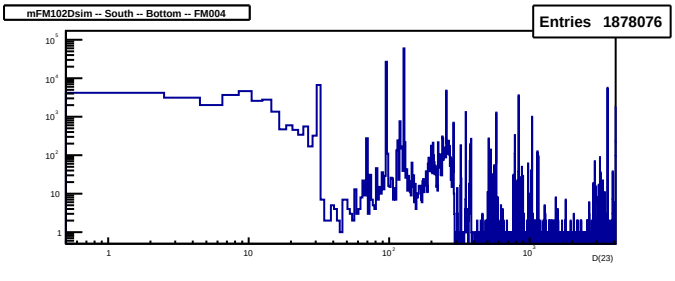
Entries 3675996


mFM102BS -- North -- Bottom -- FM004
Entries 2.00153e+07


mFM102BSsim -- North -- Bottom -- FM004
Entries 6234992


mFM102D -- South -- Bottom -- FM004
Entries 5003824
D(23)


mFM102Dsim -- South -- Bottom -- FM004
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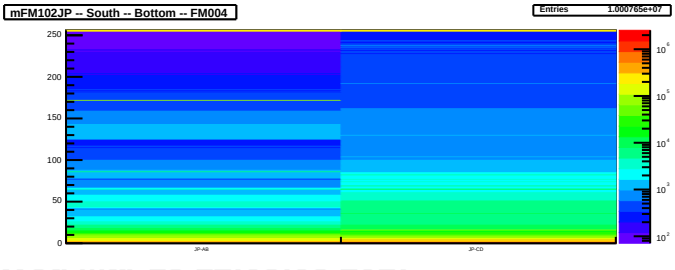
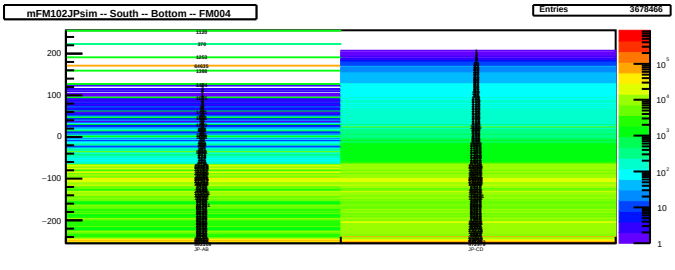
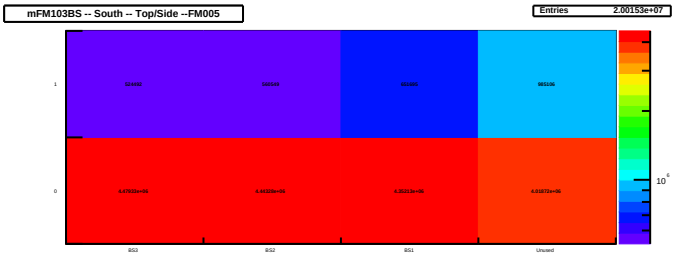
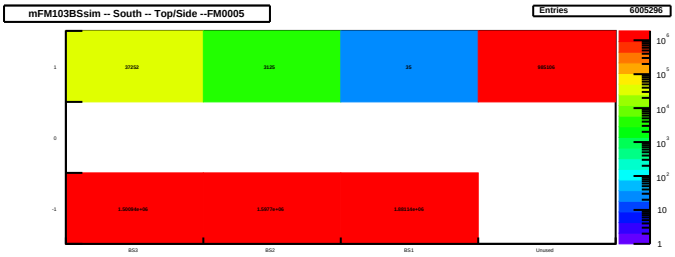
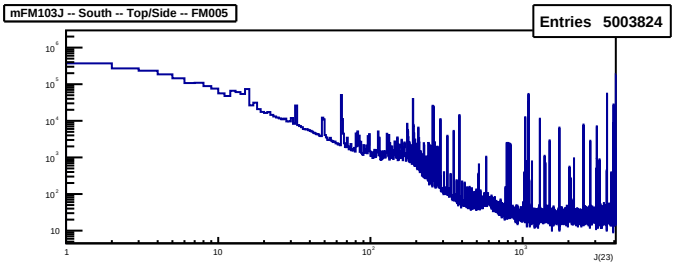
D(23)

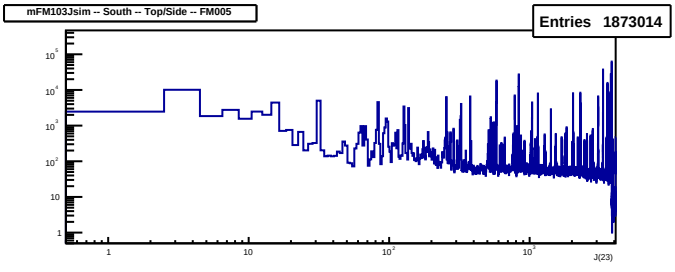

mFM102JP -- South -- Bottom -- FM004
Entries 1.000765e+07

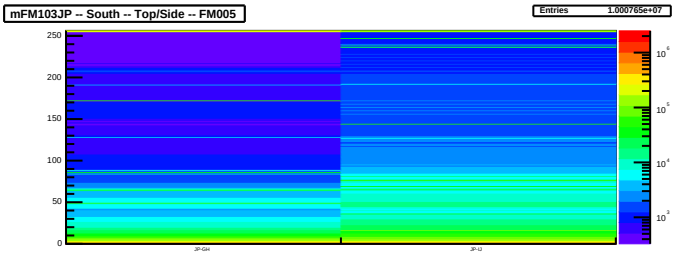

mFM102JPsim -- South -- Bottom -- FM004
Entries 3678466

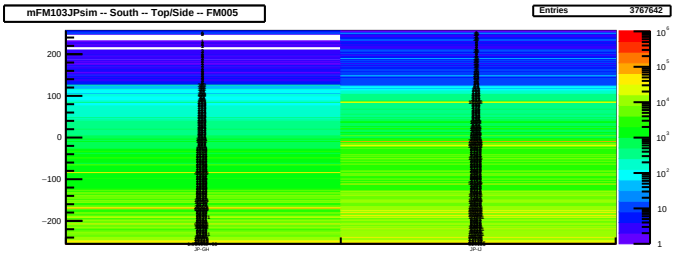

mFM103BS -- South -- Top/Side --FM005
Entries 2.00153e+07
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 6005296
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 5003824
J(23)


mFM103Jsim -- South -- Top/Side -- FM005
Entries 1873014
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1.000765e+07
JP-G4
JP-I2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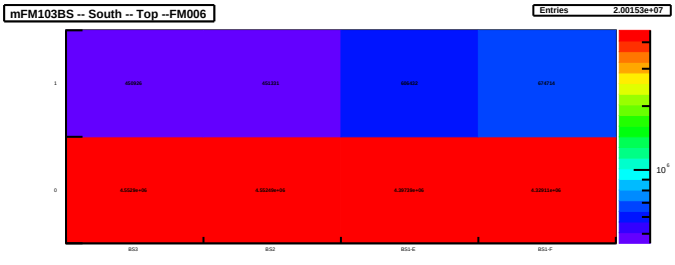
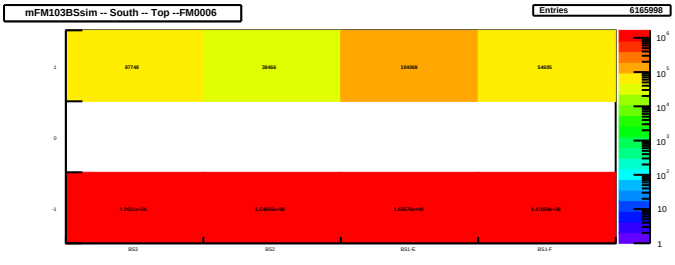
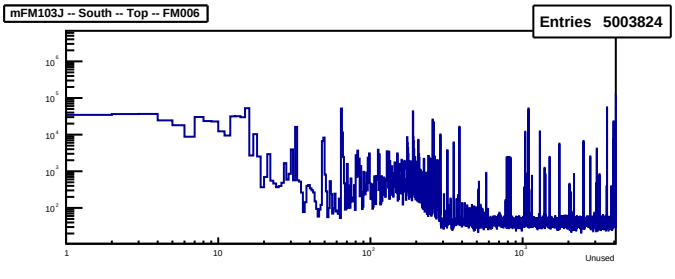
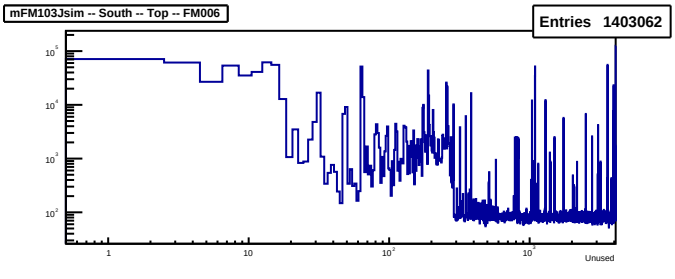
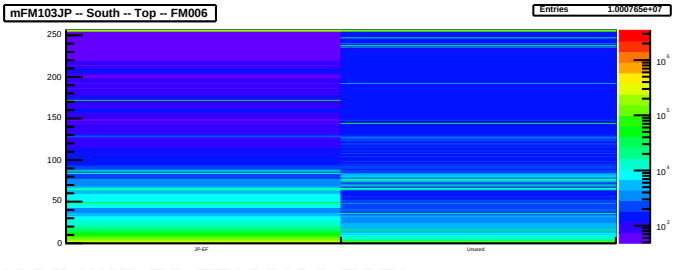
Entries 3767642
JP-G4
JP-I2

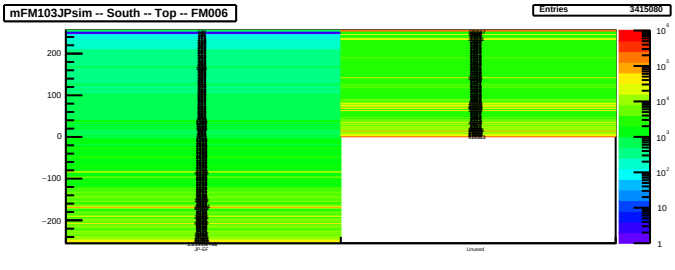

mFM103BS -- South -- Top --FM006
Entries 2.00153e+07
BS3
BS2
BS1-E
BS1-F

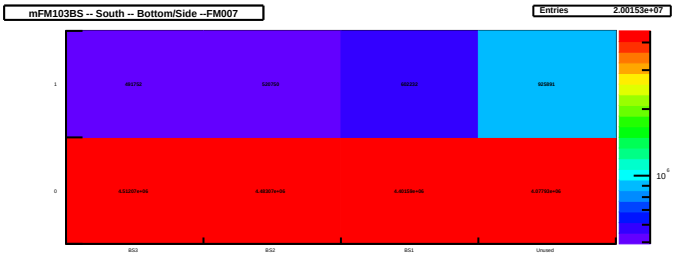

mFM103BSsim -- South -- Top --FM0006
Entries 6165998
BS3
BS2
BS1-E
BS1-F

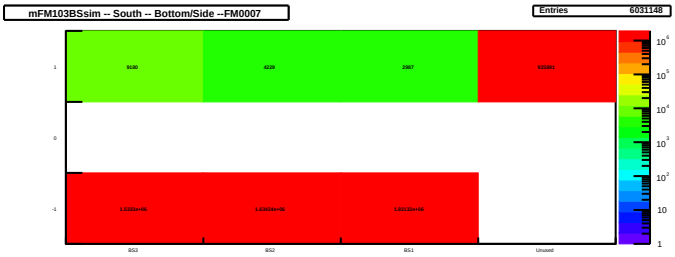

mFM103J -- South -- Top -- FM006
Entries 5003824
Unused

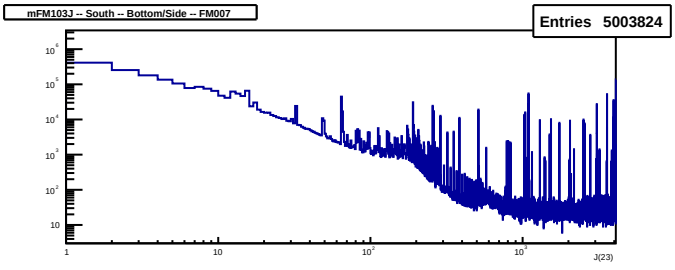

mFM103Jsim -- South -- Top -- FM006
Entries 1403062
Unused

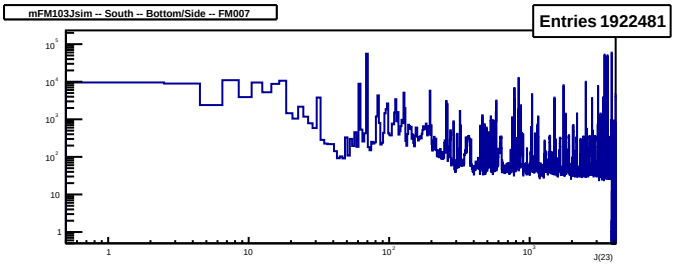

mFM103JP -- South -- Top -- FM006
Entries 1.000765e+07
JP-E2
Unused


mFM103JPsim -- South -- Top -- FM006
Entries 3415080
JP-E2
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 2.00153e+07


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 6031148


mFM103J -- South -- Bottom/Side -- FM007
Entries 5003824
J(23)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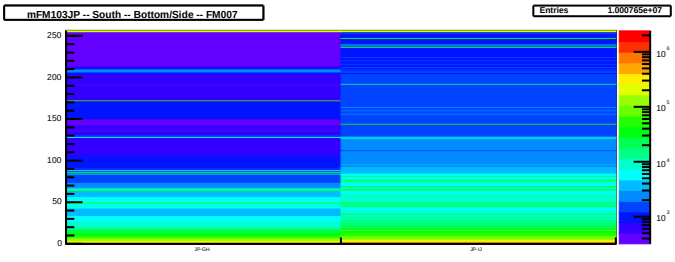
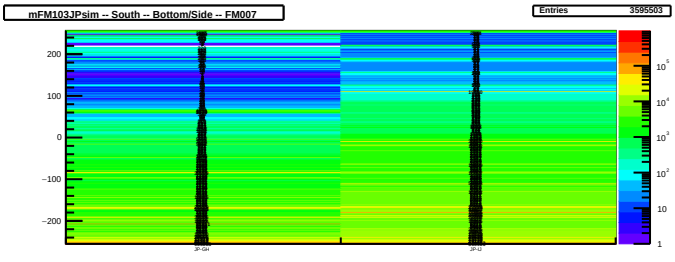
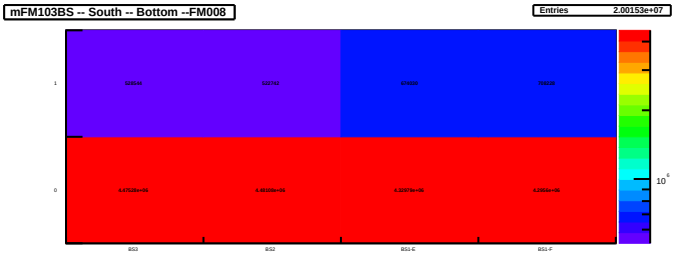
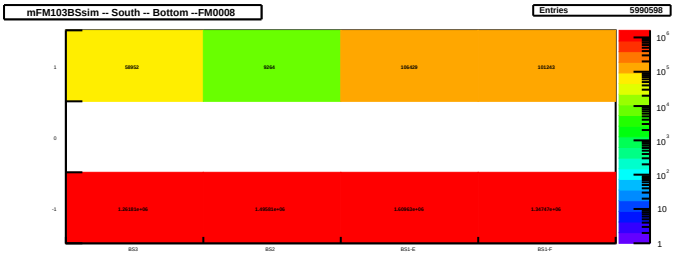
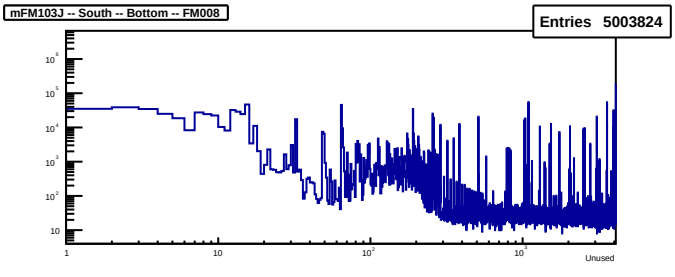
Entries 1922481
J(23)

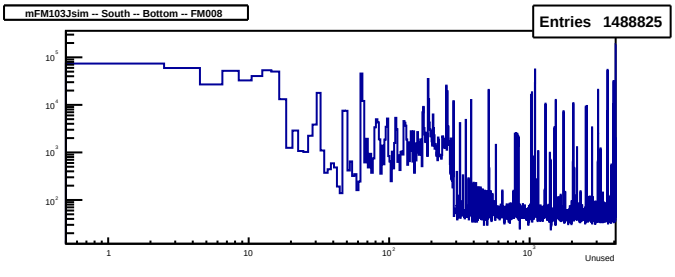

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.000765e+07

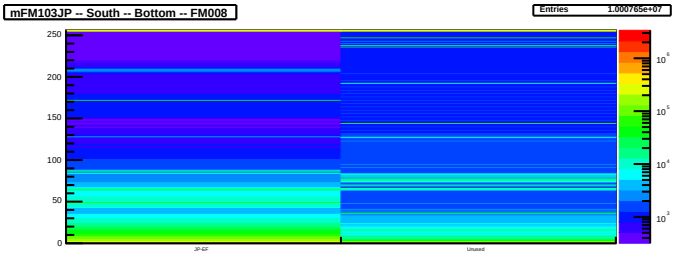

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3595503

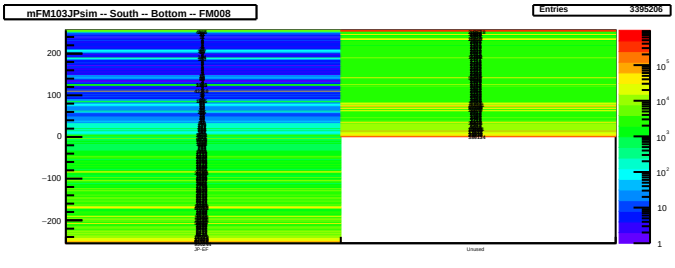

mFM103BS -- South -- Bottom --FM008
Entries 2.00153e+07

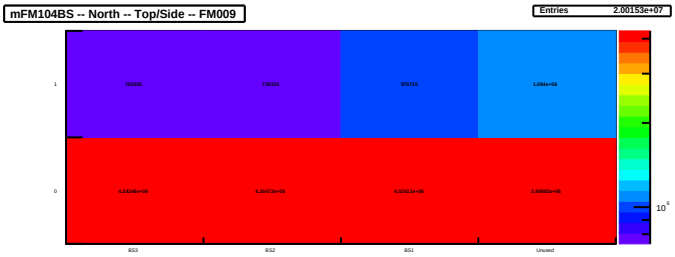

mFM103BSsim -- South -- Bottom --FM0008
Entries 5990598

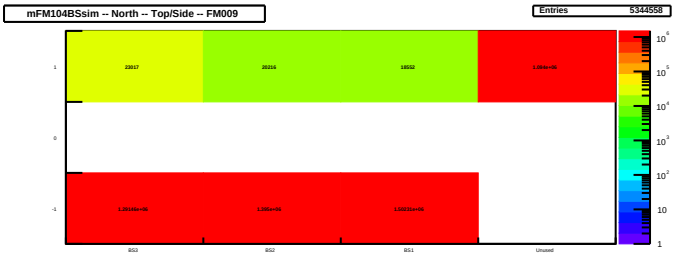

mFM103J -- South -- Bottom -- FM008
Entries 5003824
Unused

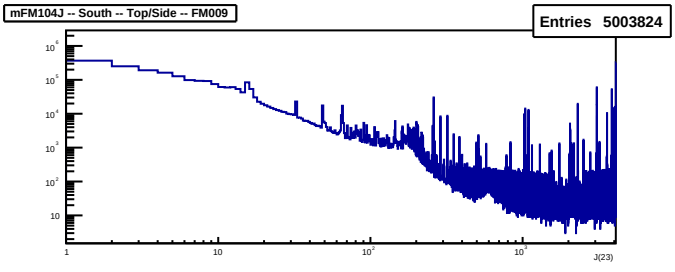

mFM103Jsim -- South -- Bottom -- FM008
Entries 1488825
Unused

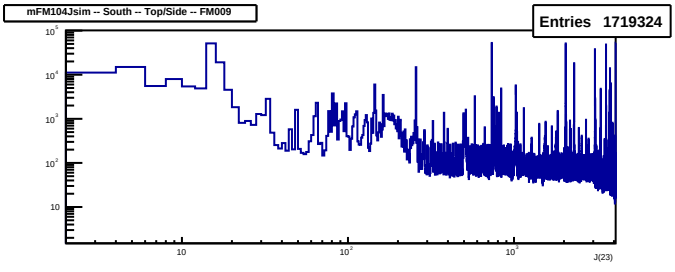

mFM103JP -- South -- Bottom -- FM008
Entries 1.000765e+07

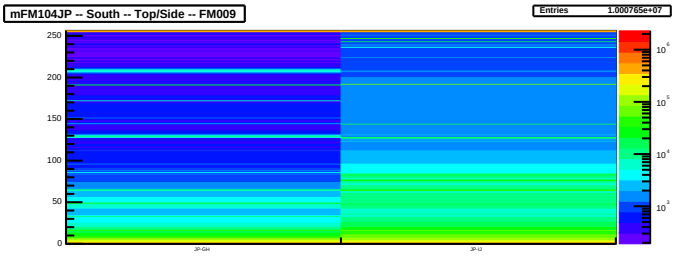

mFM103JPsim -- South -- Bottom -- FM008
Entries 3395206

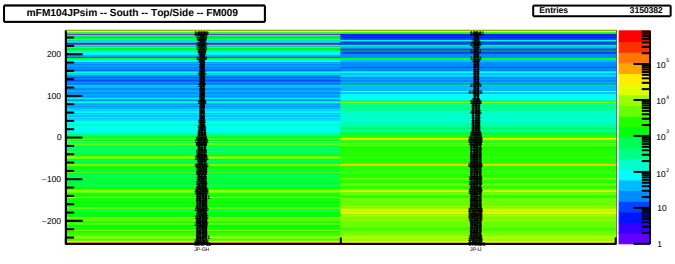

mFM104BS -- North -- Top/Side -- FM009
Entries 2.00153e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5344558


mFM104J -- South -- Top/Side -- FM009
Entries 5003824
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1719324
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.000765e+07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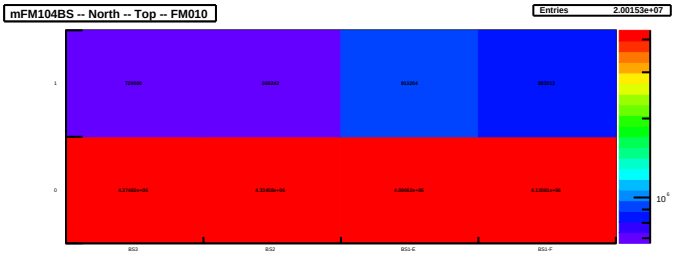
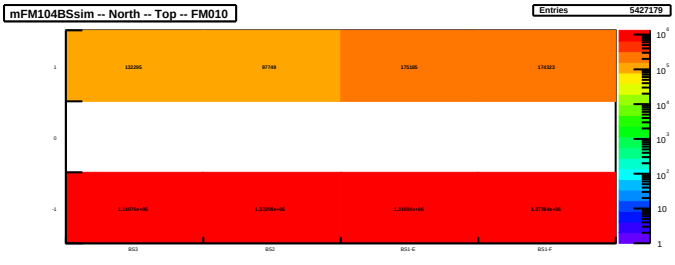
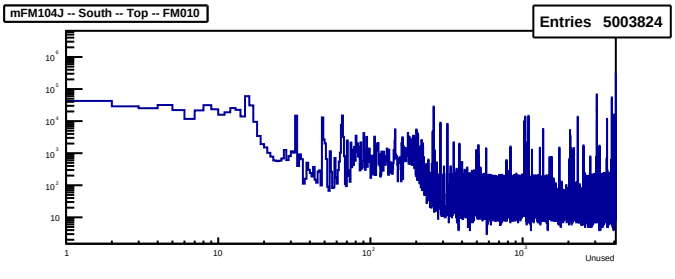
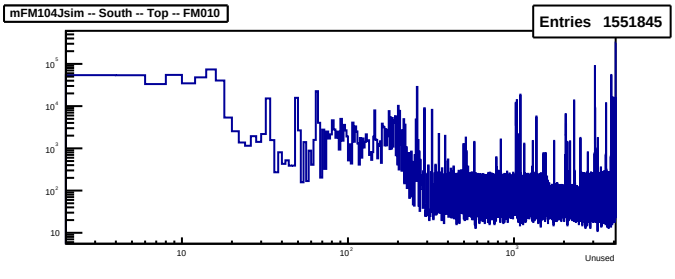
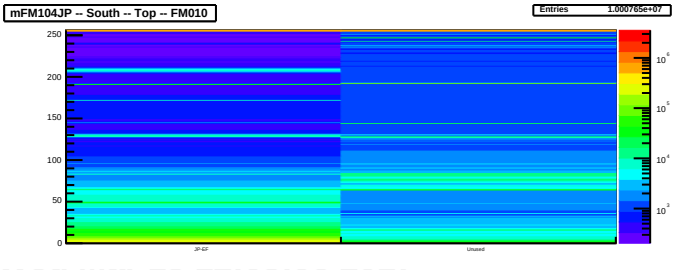
Entries 3150382

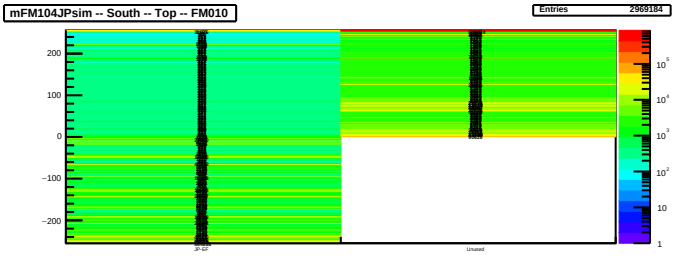

mFM104BS -- North -- Top -- FM010
Entries 2.00153e+07

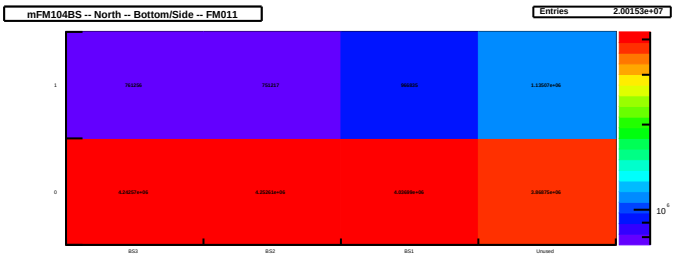

mFM104BSsim -- North -- Top -- FM010
Entries 5427179

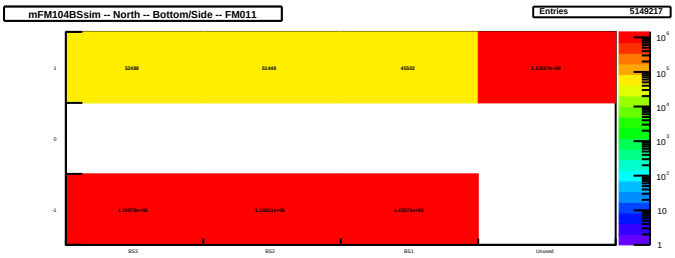

mFM104J -- South -- Top -- FM010
Entries 5003824
Unused

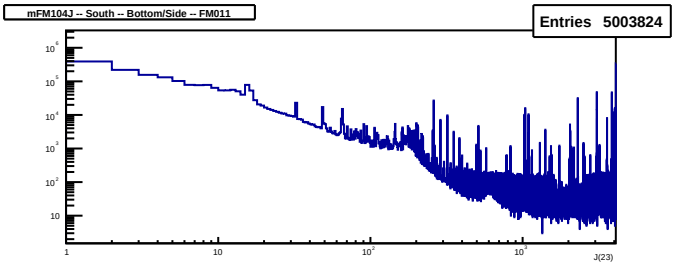

mFM104Jsim -- South -- Top -- FM010
Entries 1551845
Unused

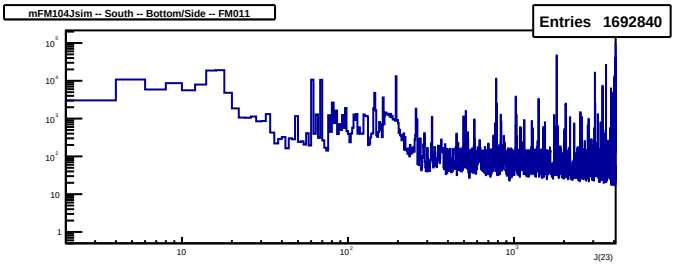

mFM104JP -- South -- Top -- FM010
Entries 1.000765e+07

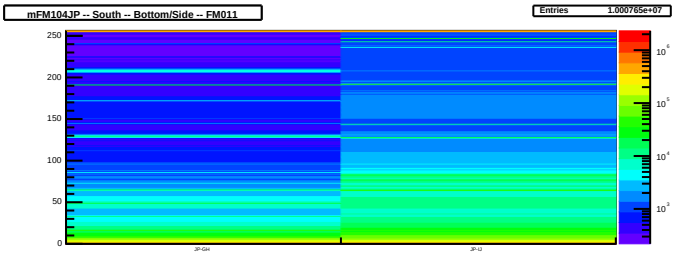

mFM104JPsim -- South -- Top -- FM010
Entries 2969184

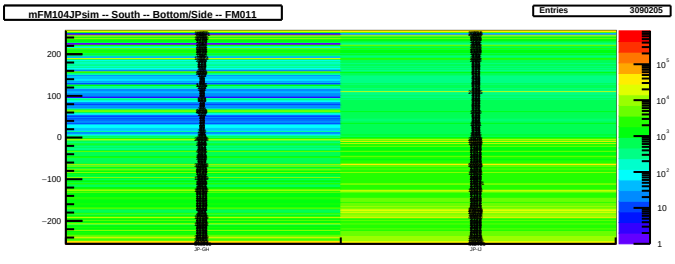

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.00153e+07

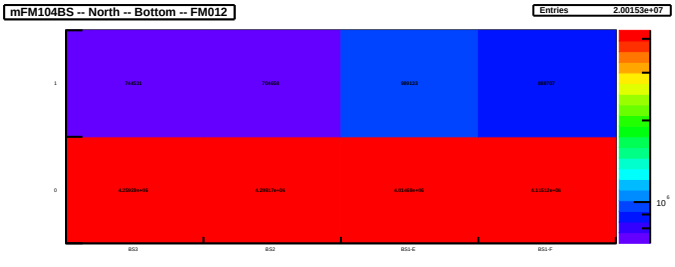

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5149217

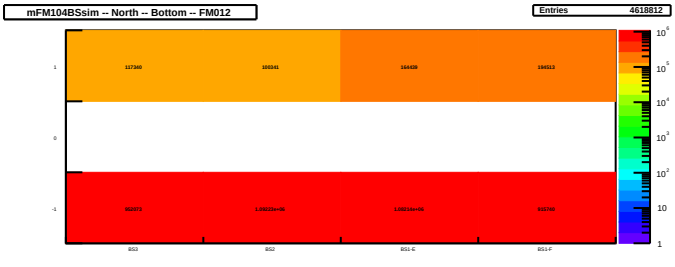

mFM104J -- South -- Bottom/Side -- FM011
Entries 5003824
J(23)

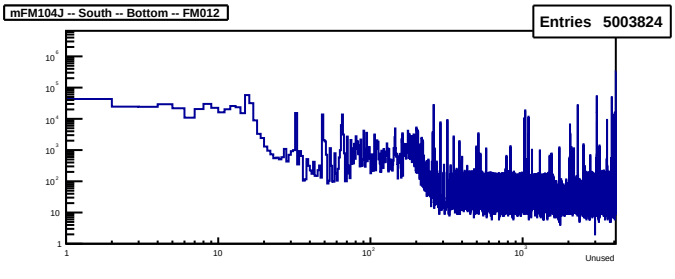

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1692840
J(23)

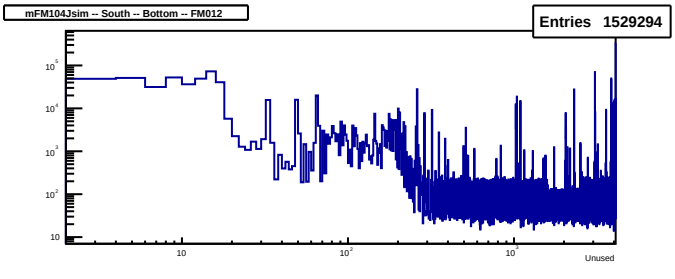

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.000765e+07

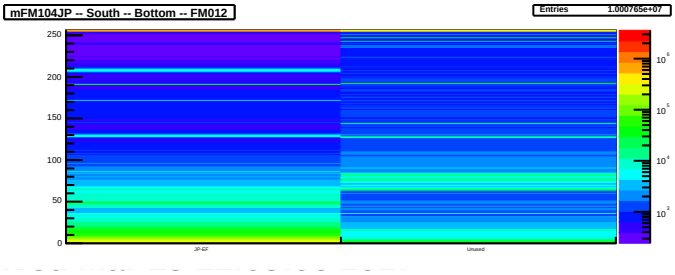

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3090205

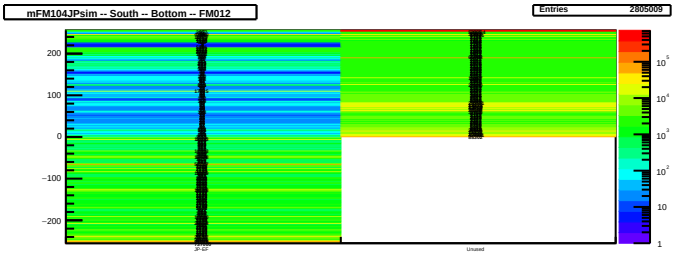

mFM104BS -- North -- Bottom -- FM012
Entries 2.00153e+07

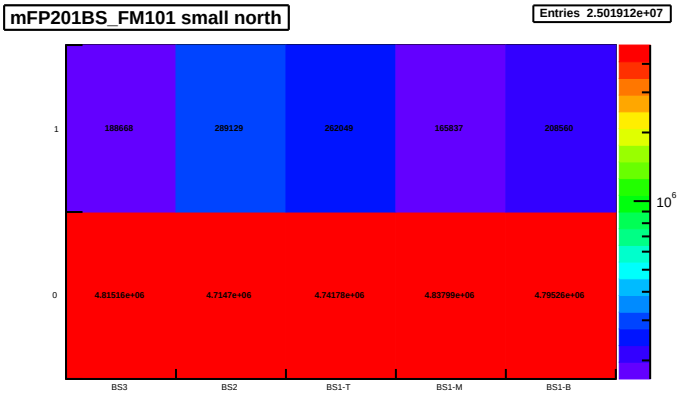

mFM104BSsim -- North -- Bottom -- FM012
Entries 4618812

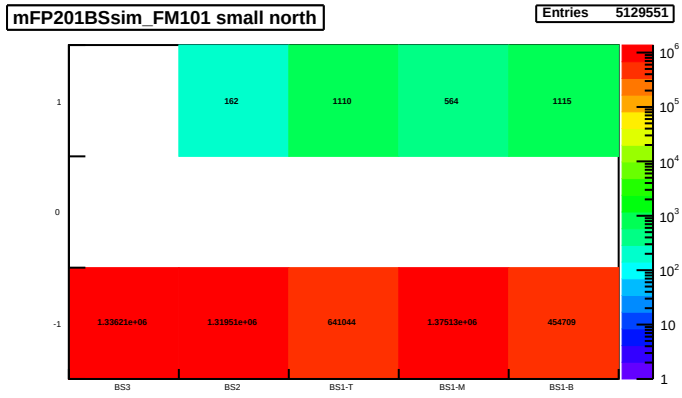

mFM104J -- South -- Bottom -- FM012
Entries 5003824
Unused

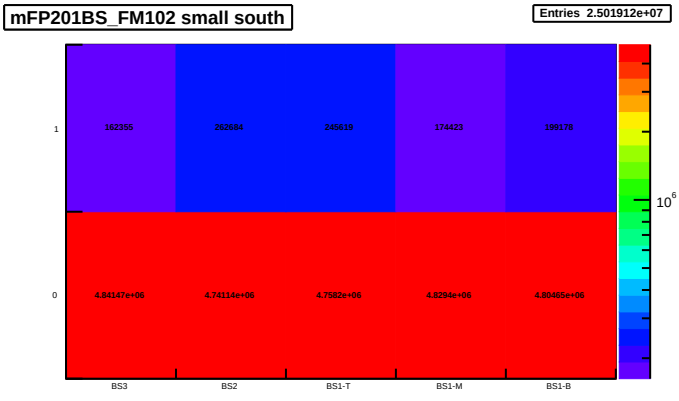

mFM104Jsim -- South -- Bottom -- FM012
Entries 1529294
Unused

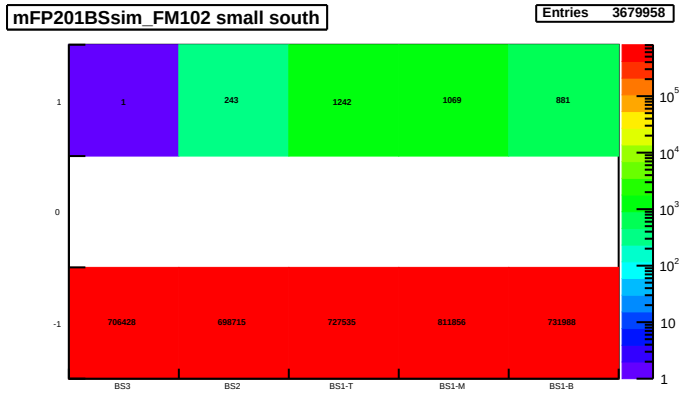

mFM104JP -- South -- Bottom -- FM012
Entries 1.000765e+07

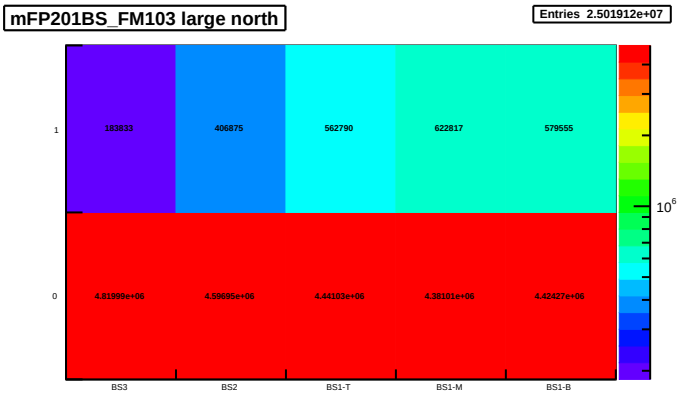

mFM104JPsim -- South -- Bottom -- FM012
Entries 2805009

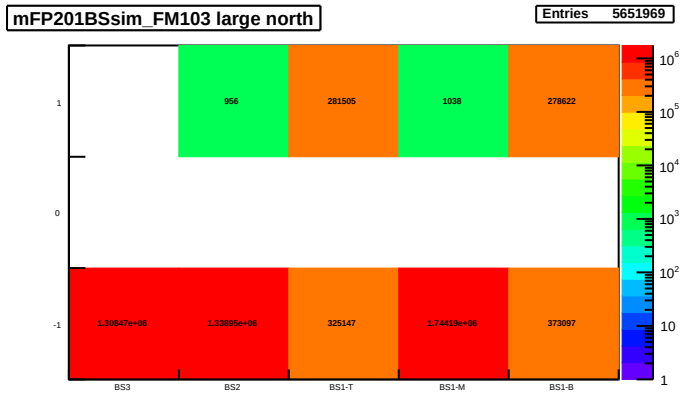

mFP201BS_FM101 small north
Entries 2.501912e+07
188668
289129
262049
165837
208560
4.81516e+06
4.7147e+06
4.74178e+06
4.83799e+06
4.79526e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

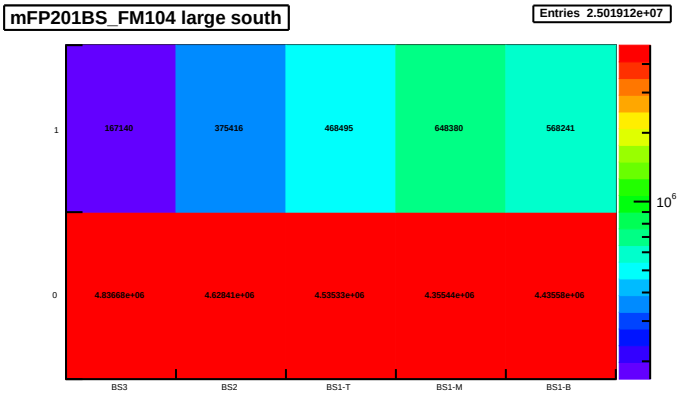

mFP201BSsim_FM101 small north
Entries 5129551
162
1110
564
1115
1.33621e+06
1.31951e+06
641044
1.37513e+06
454709
BS3
BS2
BS1-T
BS1-M
BS1-B

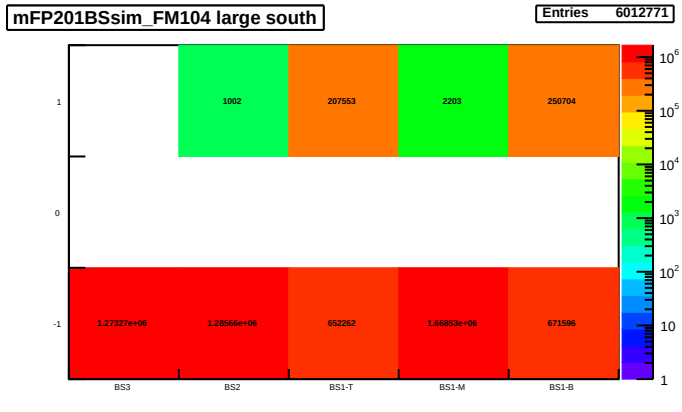

mFP201BS_FM102 small south
Entries 2.501912e+07
162355
282684
245619
174423
199178
4.84147e+06
4.74114e+06
4.7582e+06
4.8294e+06
4.80465e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

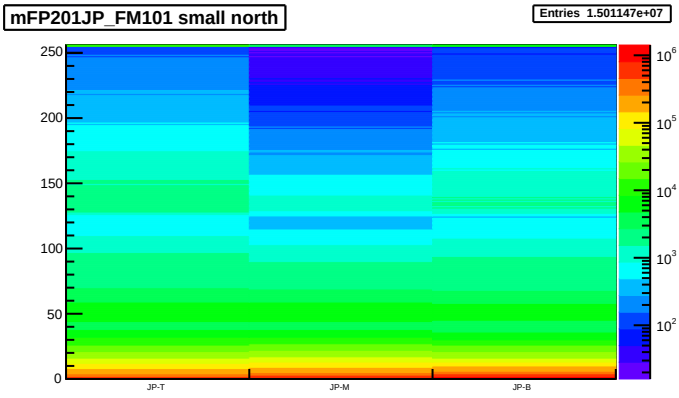

mFP201BSsim_FM102 small south
Entries 3679958
1
243
1242
1069
881
706428
698715
727535
811856
731988
BS3
BS2
BS1-T
BS1-M
BS1-B

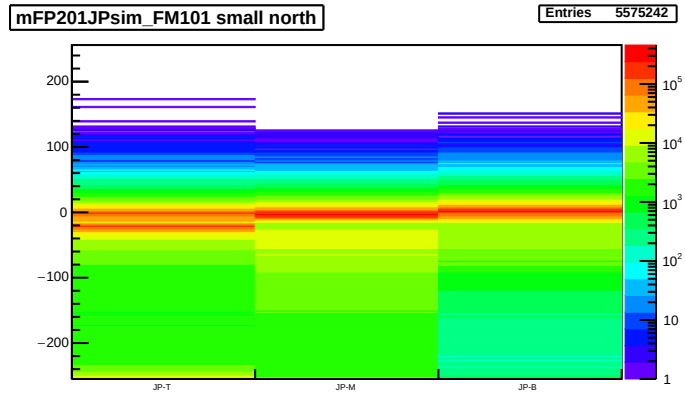

mFP201BS_FM103 large north
Entries 2.501912e+07
183833
406875
562790
622817
579555
4.81999e+06
4.59695e+06
4.44103e+06
4.38101e+06
4.42427e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

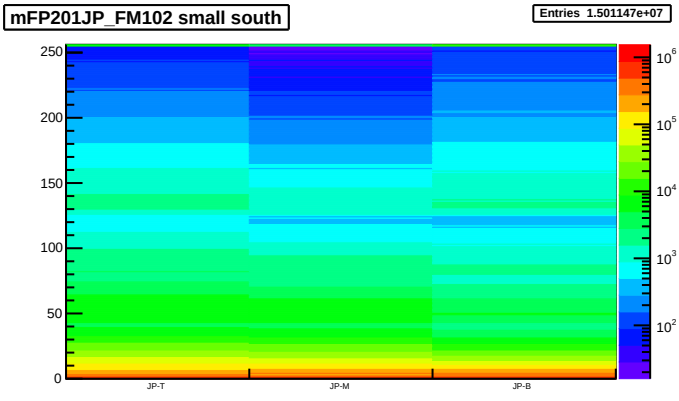

mFP201BSsim_FM103 large north
Entries 5651969
956
281505
1038
278622
1.30847e+06
1.33895e+06
325147
1.74419e+06
373097
BS3
BS2
BS1-T
BS1-M
BS1-B

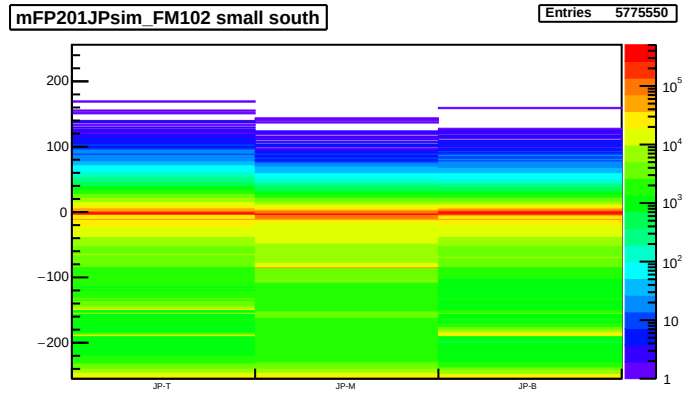

mFP201BS_FM104 large south
Entries 2.501912e+07
167140
375416
468495
648380
568241
4.83668e+06
4.62841e+06
4.53533e+06
4.35544e+06
4.43558e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

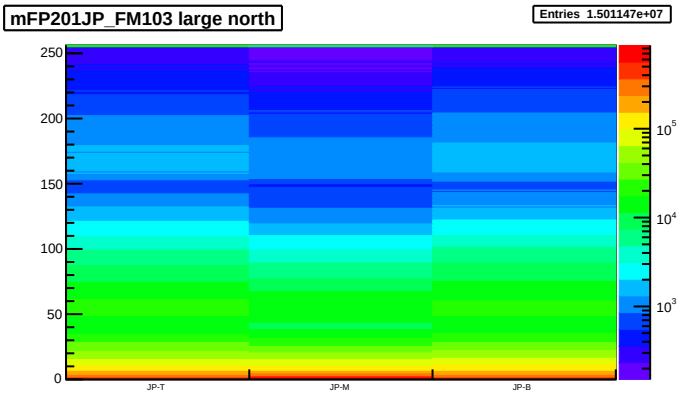

mFP201BSsim_FM104 large south
Entries 6012771
1002
207553
2203
250704
1.27327e+06
1.28566e+06
652262
1.66853e+06
671596
BS3
BS2
BS1-T
BS1-M
BS1-B

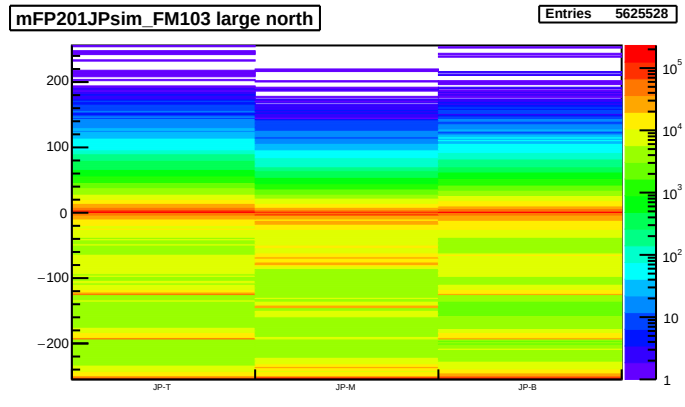

mFP201JP_FM101 small north
Entries 1.501147e+07
JP-T
JP-M
JP-B

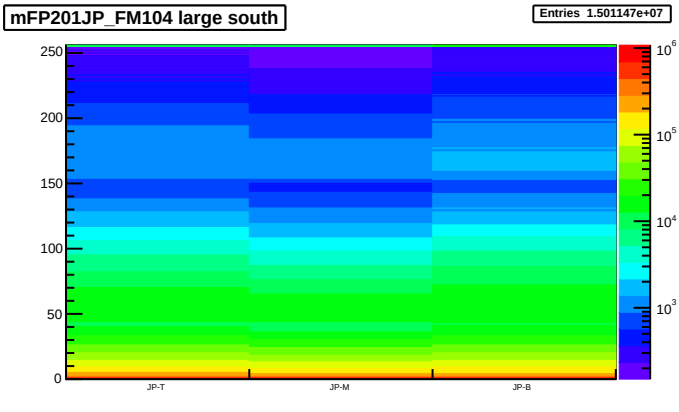

mFP201JPsim_FM101 small north
Entries 5575242
JP-T
JP-M
JP-B

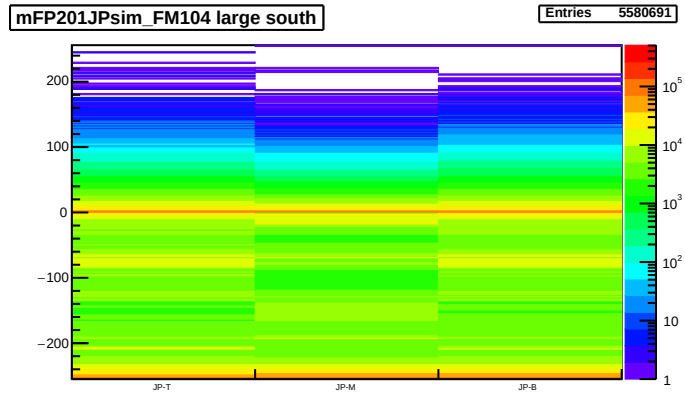

mFP201JP_FM102 small south
Entries 1.501147e+07
JP-T
JP-M
JP-B

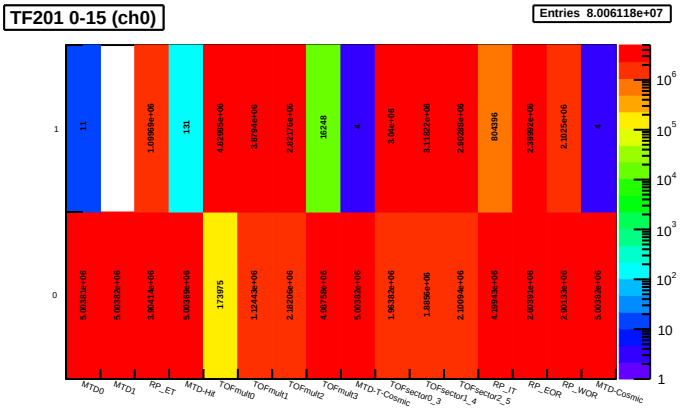

mFP201JPsim_FM102 small south
Entries 5775550
JP-T
JP-M
JP-B

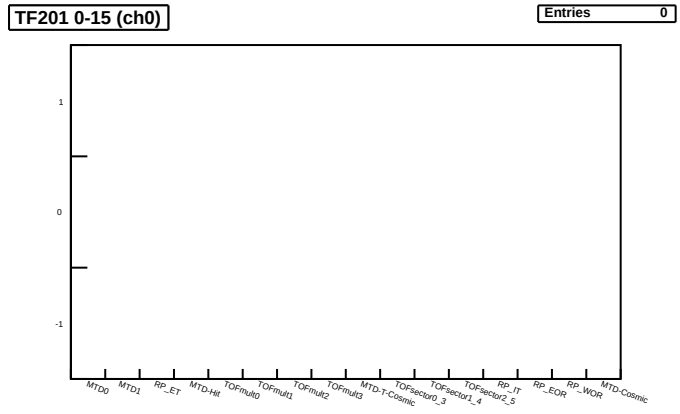

mFP201JP_FM103 large north
Entries 1.501147e+07
JP-T
JP-M
JP-B

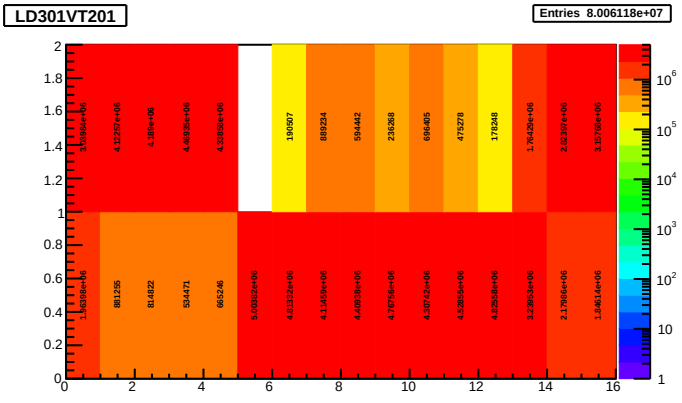

mFP201JPsim_FM103 large north
Entries 5625528
JP-T
JP-M
JP-B

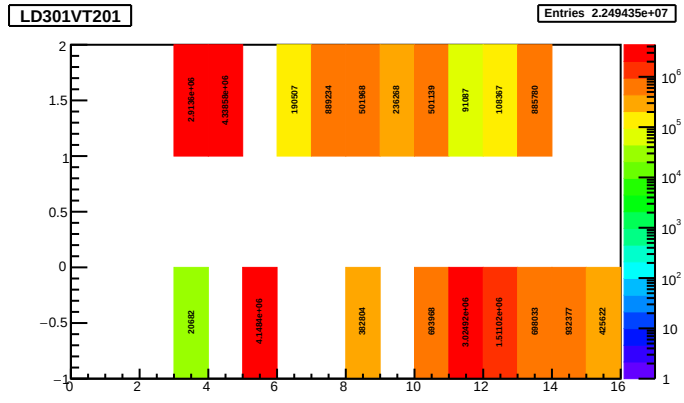

mFP201JP_FM104 large south
Entries 1.501147e+07
JP-T
JP-M
JP-B

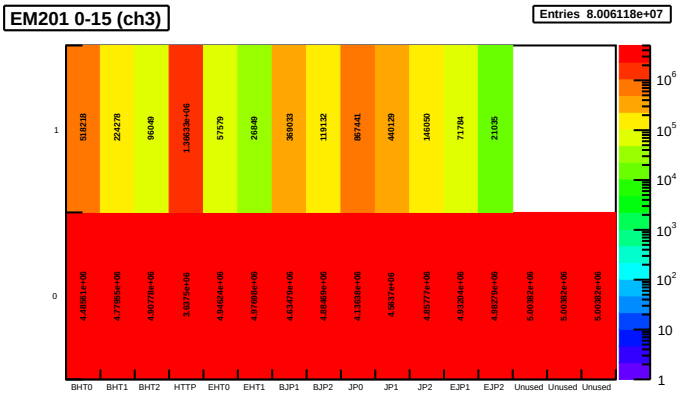

mFP201JPsim_FM104 large south
Entries 5580691
JP-T
JP-M
JP-B

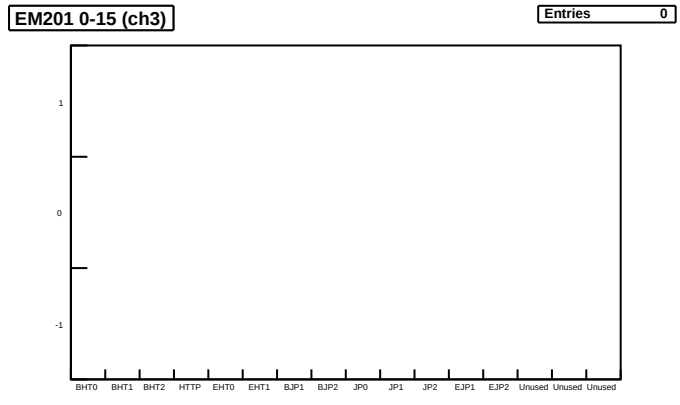

TF201 0-15 (ch0)
Entries 8.006118e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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 8.006118e+07


LD301VT201
Entries 2.249435e+07


EM201 0-15 (ch3)
Entries 8.006118e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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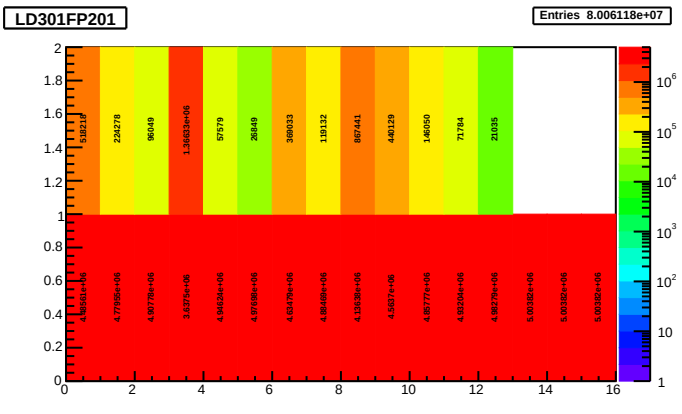
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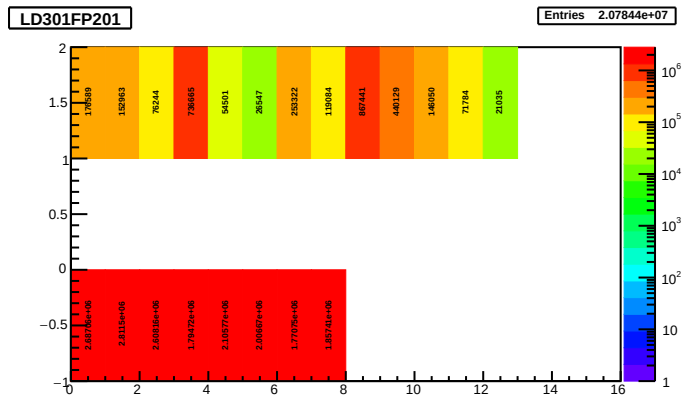
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