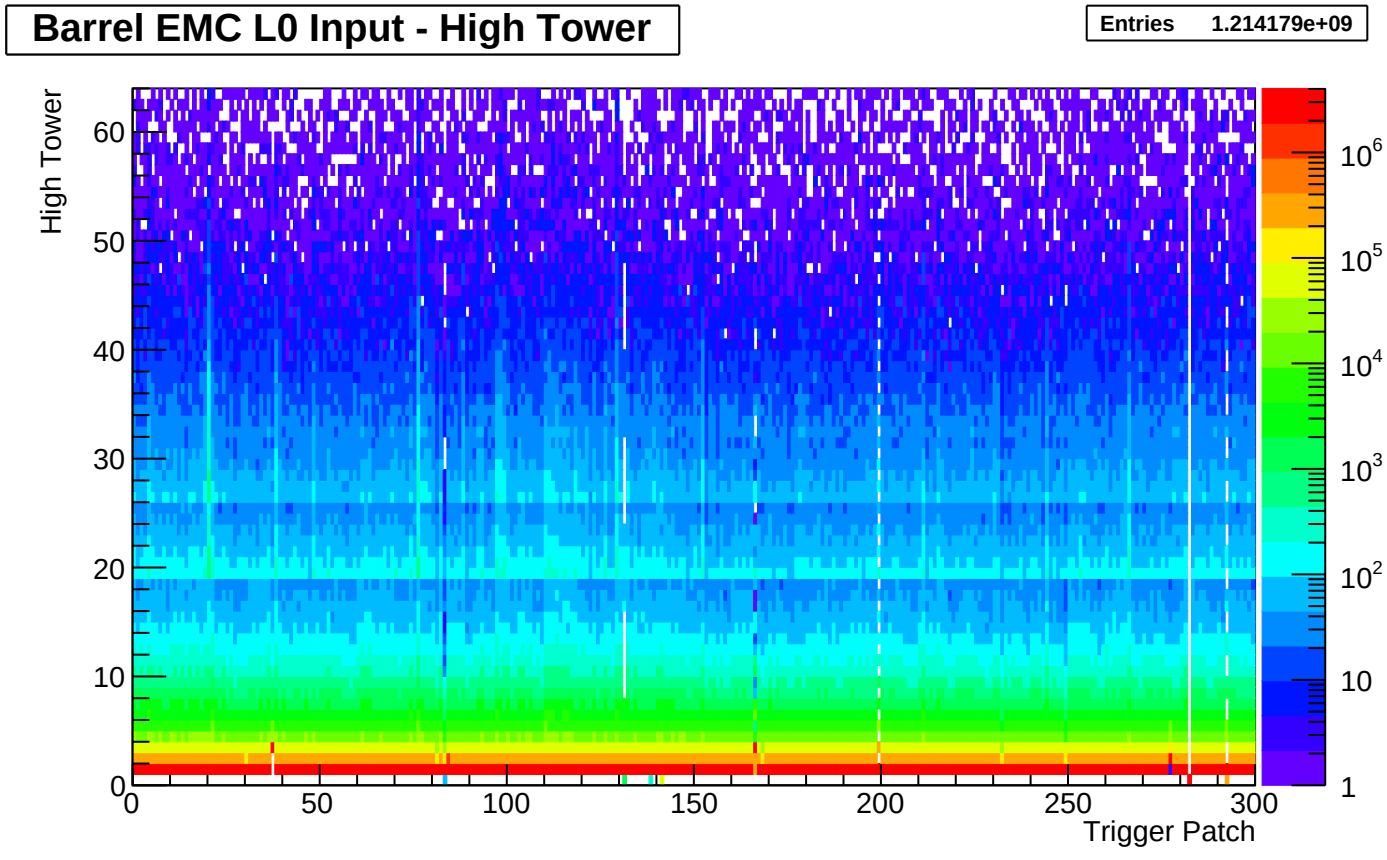
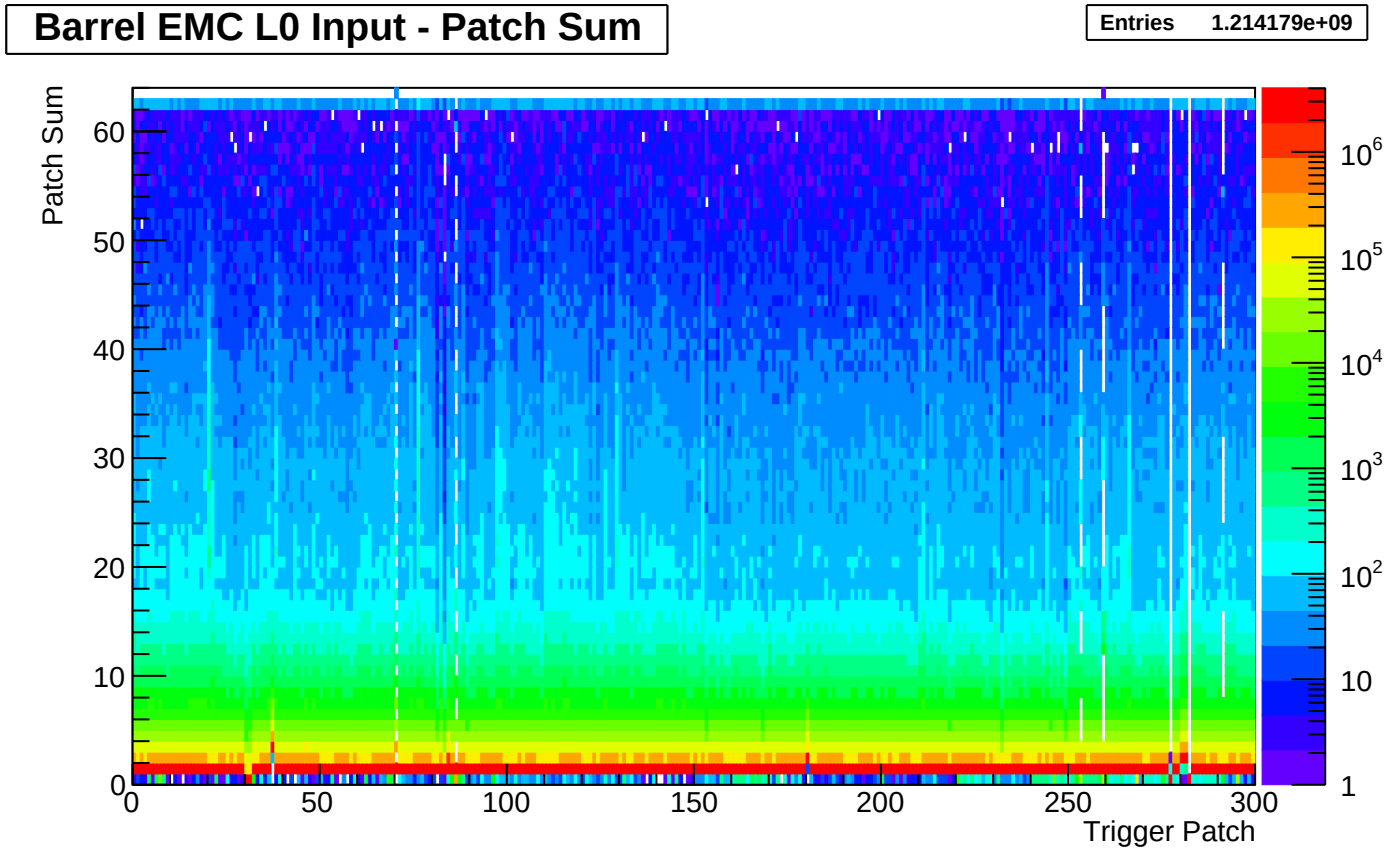
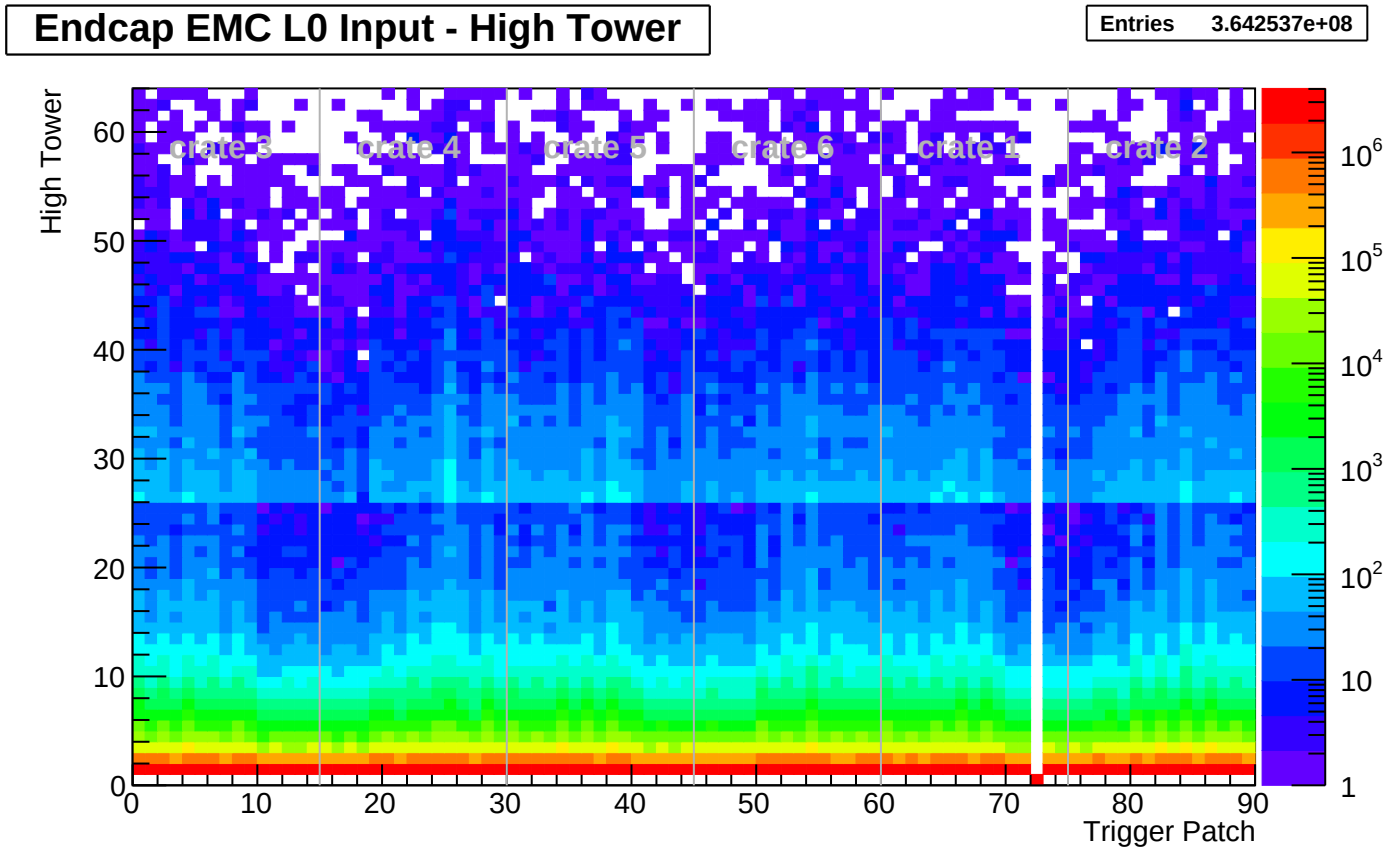
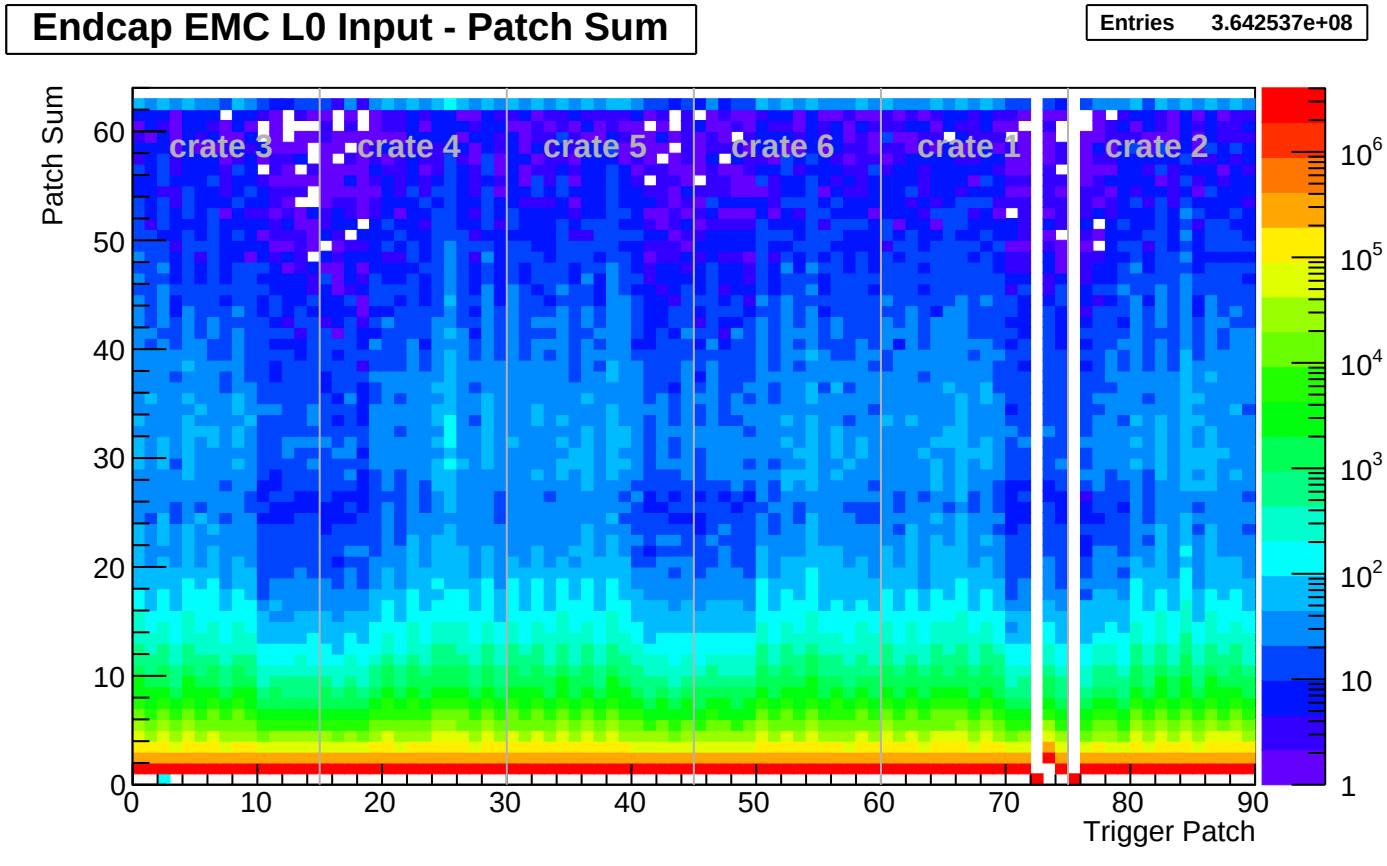
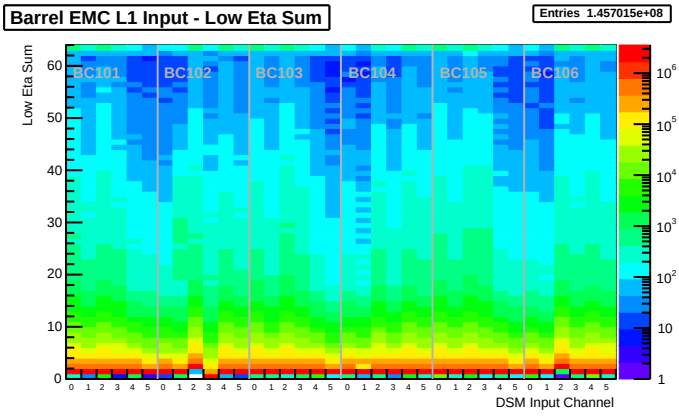
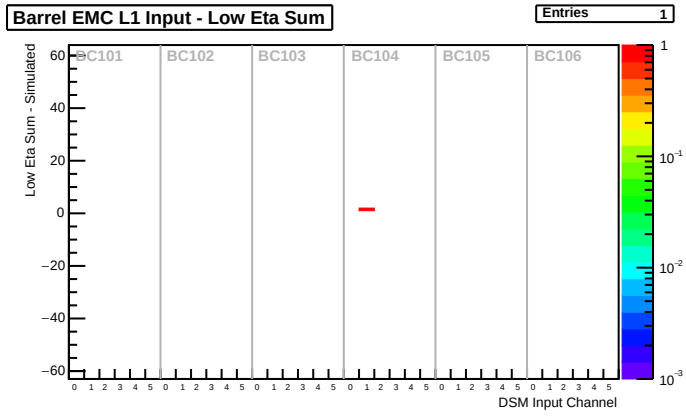

Barrel EMC L0 Input - High Tower
Entries 1.214179e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

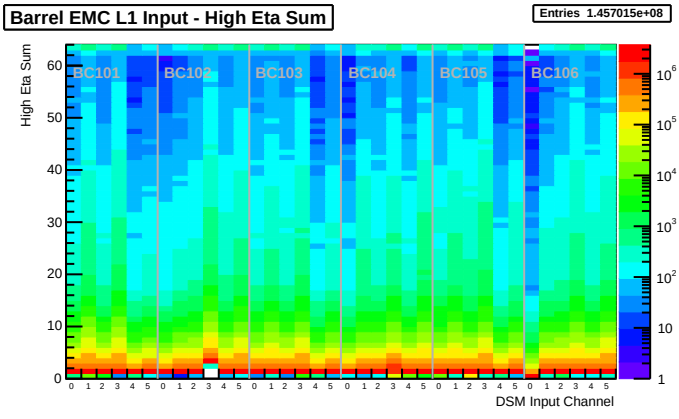

Barrel EMC L0 Input - Patch Sum
Entries 1.214179e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

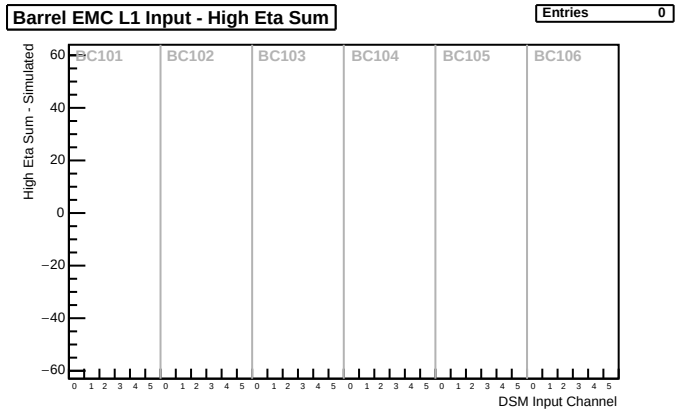

Endcap EMC L0 Input - High Tower
Entries 3.642537e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

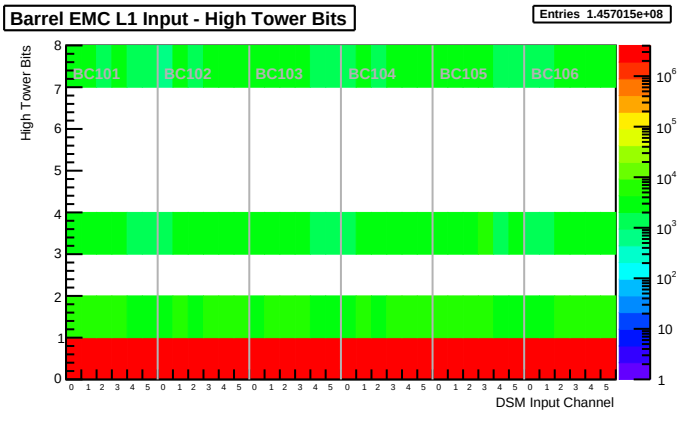

Endcap EMC L0 Input - Patch Sum
Entries 3.642537e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

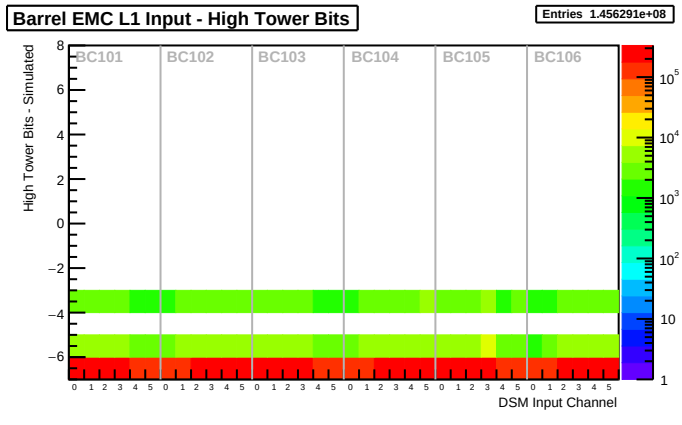

Barrel EMC L1 Input - Low Eta Sum
Entries 1.457015e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

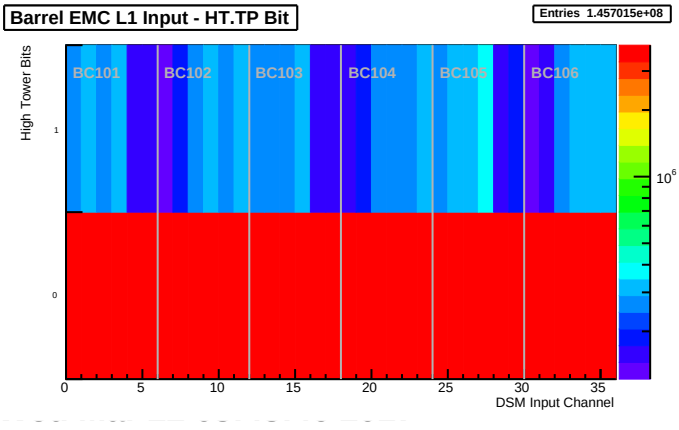

Barrel EMC L1 Input - Low Eta Sum
Entries 1
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

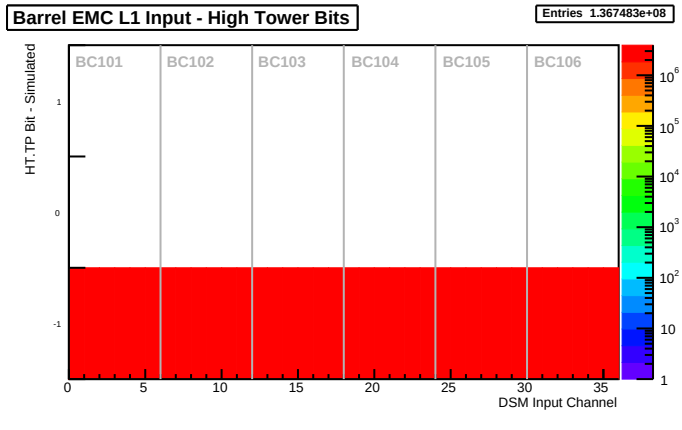

Barrel EMC L1 Input - High Eta Sum
Entries 1.457015e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

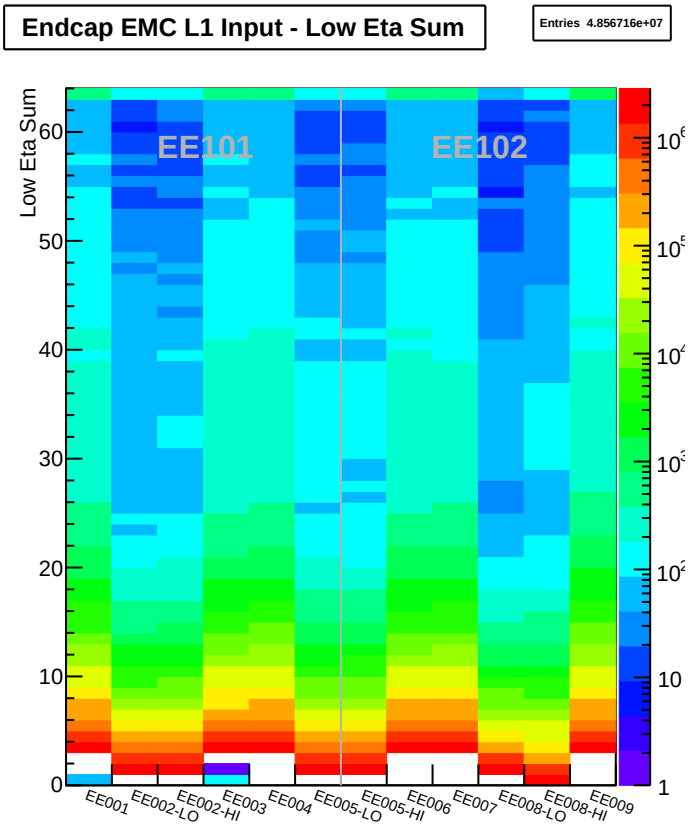

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

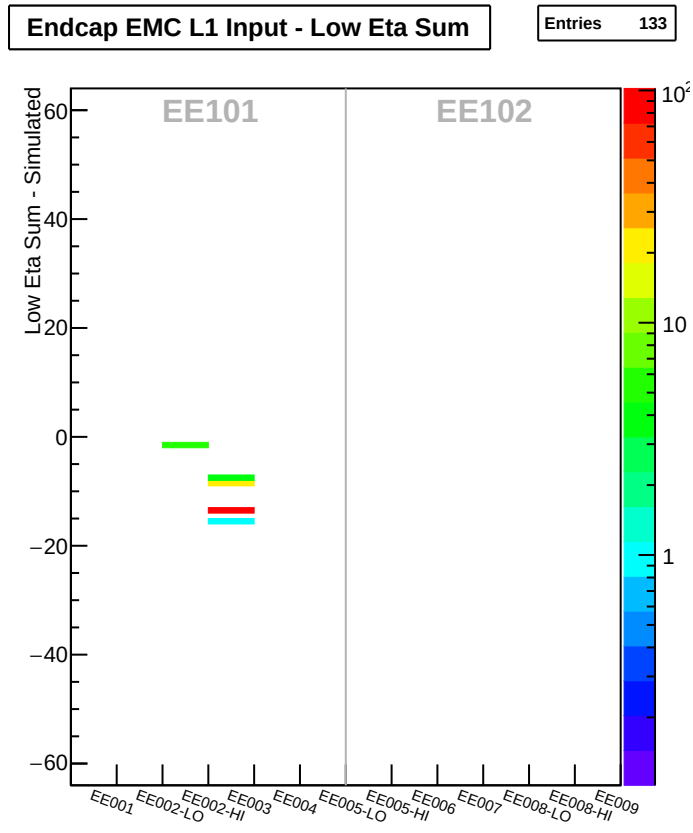

Barrel EMC L1 Input - High Tower Bits
Entries 1.457015e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

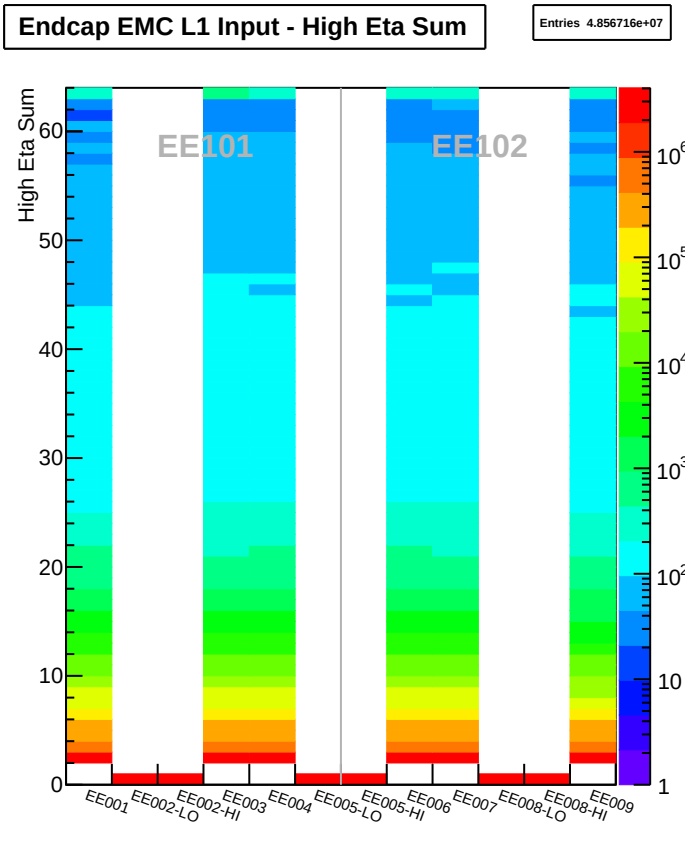

Barrel EMC L1 Input - High Tower Bits
Entries 1.456291e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

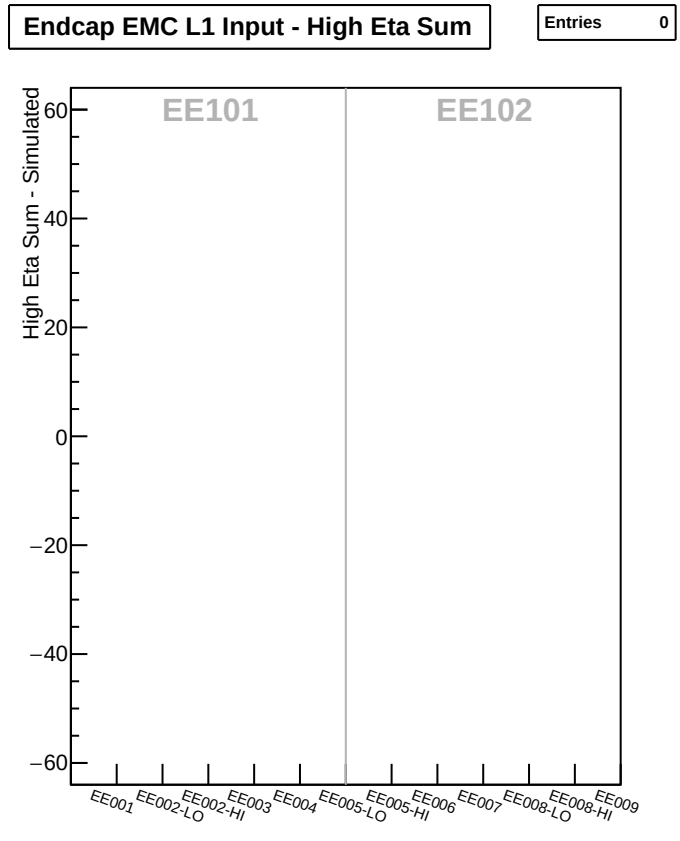

Barrel EMC L1 Input - HT.TP Bit
Entries 1.457015e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

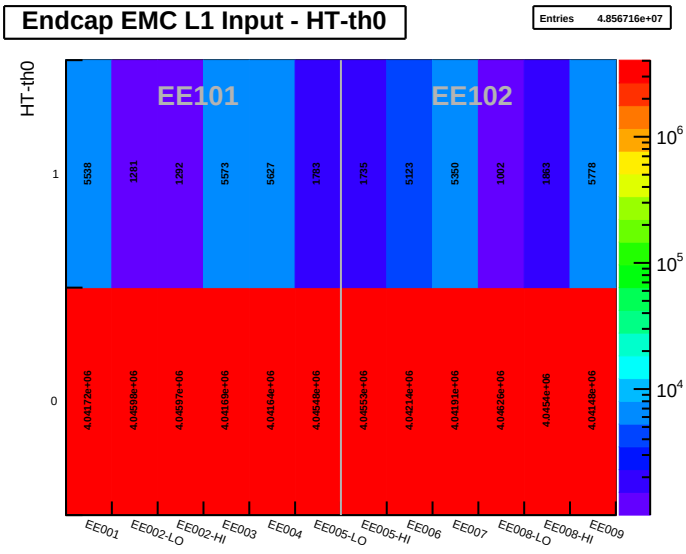

Barrel EMC L1 Input - High Tower Bits
Entries 1.367483e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

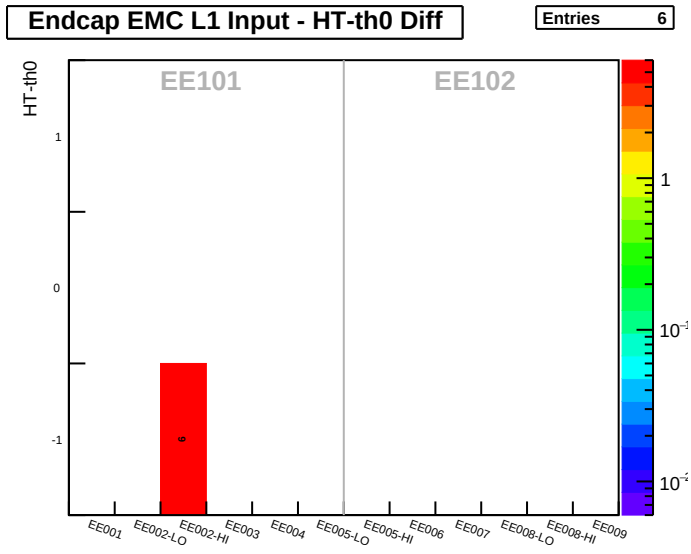

Endcap EMC L1 Input - Low Eta Sum
Entries 4.856716e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

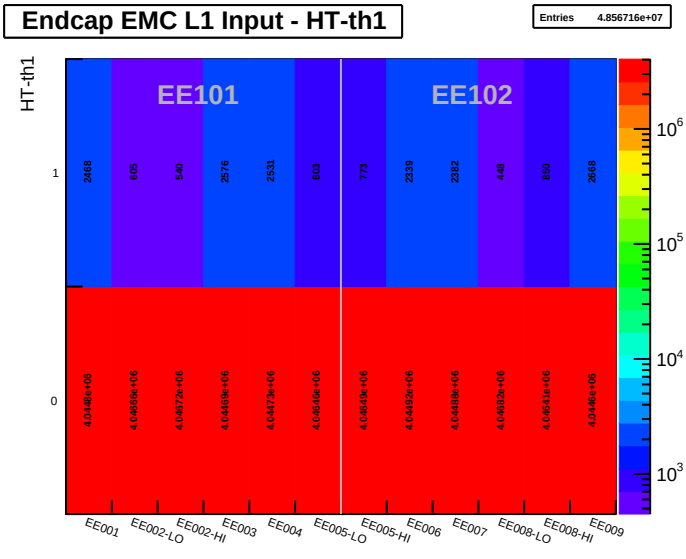

Endcap EMC L1 Input - Low Eta Sum
Entries 133
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

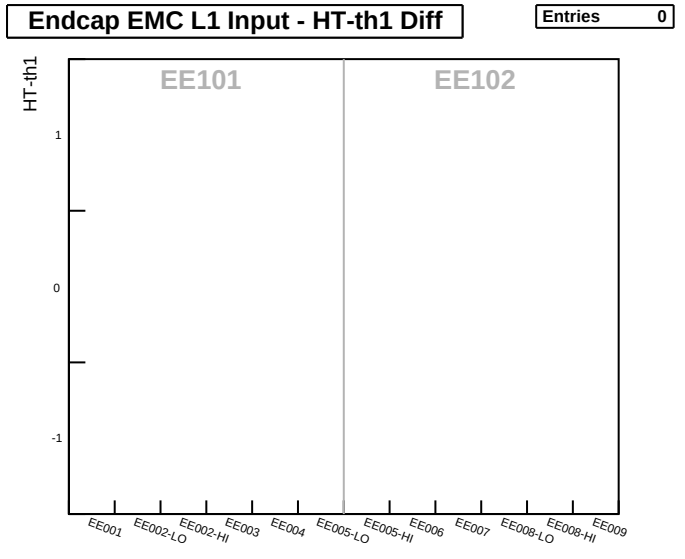

Endcap EMC L1 Input - High Eta Sum
Entries 4.856716e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

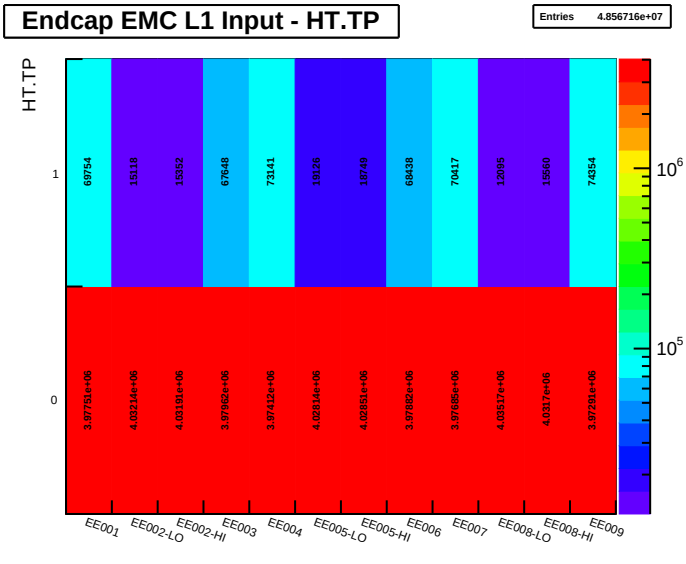

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

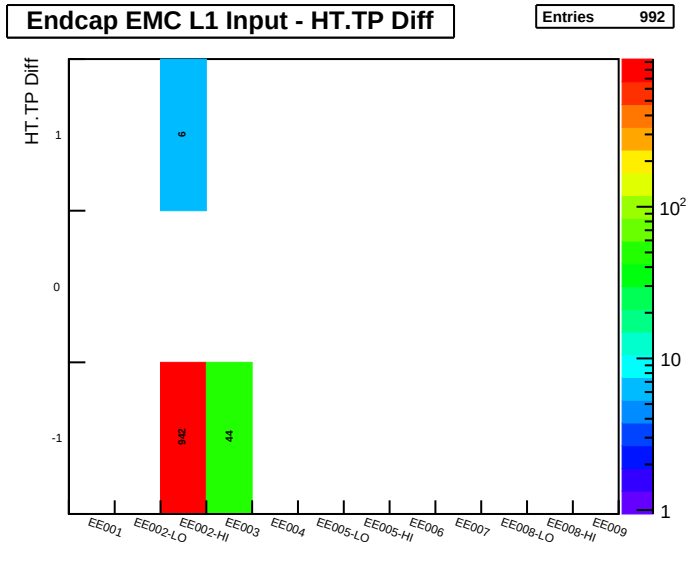

Endcap EMC L1 Input - HT-th0
Entries 4.856716e+07
HT-th0
EE101
EE102
1
0
5538 1231 1292 5573 5627 1783 1735 5123 5350 1002 1863 5778
4.04172e+06 4.04599e+06 4.04597e+06 4.04169e+06 4.04164e+06 4.04549e+06 4.04553e+06 4.04214e+06 4.04191e+06 4.04626e+06 4.0454e+06 4.04149e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

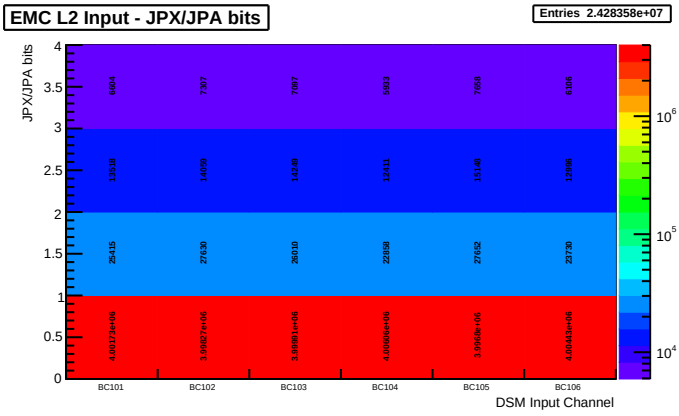

Endcap EMC L1 Input - HT-th0 Diff
Entries 6
HT-th0
EE101
EE102
1
0
-1
6
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
1

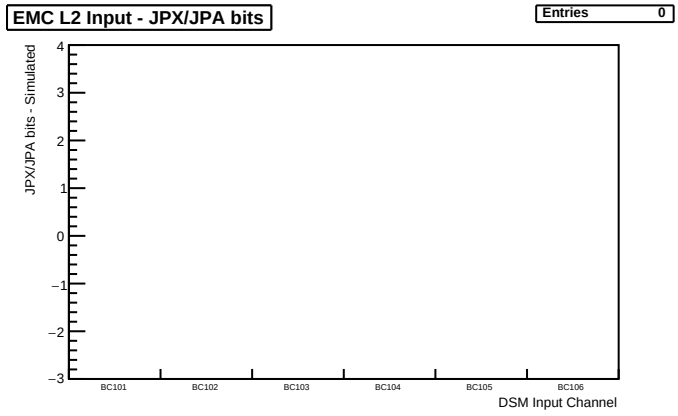

Endcap EMC L1 Input - HT-th1
Entries 4.856716e+07
HT-th1
EE101
EE102
1
0
2468 605 540 2576 2531 803 773 2339 2382 448 850 2568
4.0448e+06 4.04666e+06 4.04672e+06 4.04469e+06 4.04473e+06 4.04646e+06 4.04649e+06 4.04492e+06 4.04489e+06 4.04682e+06 4.04641e+06 4.0446e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

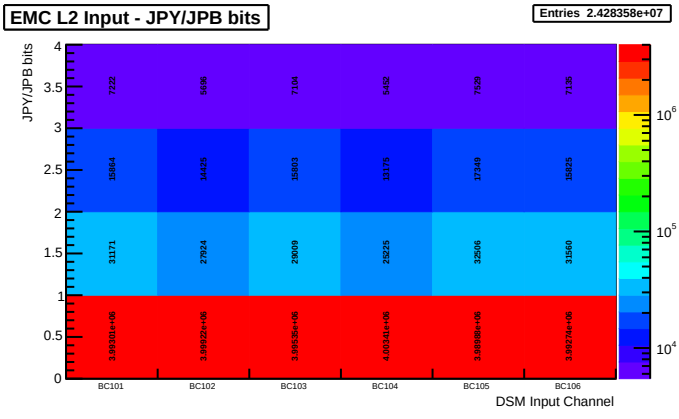

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

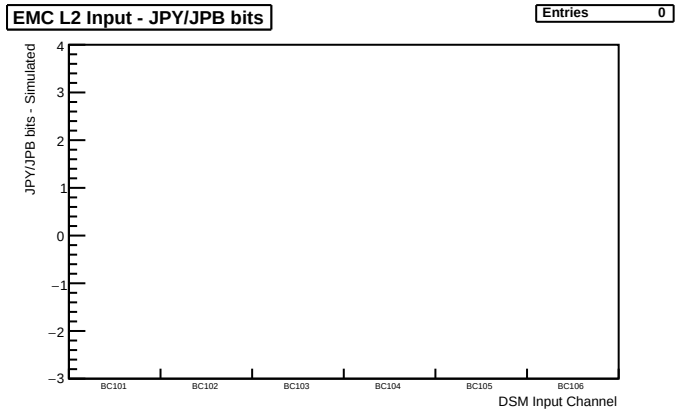

Endcap EMC L1 Input - HT.TP
Entries 4.856716e+07
HT.TP
1
0
69754 15118 15352 67648 73141 19126 18749 68438 70417 12095 15560 74354
3.97751e+06 4.03214e+06 4.03191e+06 3.97962e+06 3.97412e+06 4.02814e+06 4.02851e+06 3.97882e+06 3.97685e+06 4.03517e+06 4.0317e+06 3.97291e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

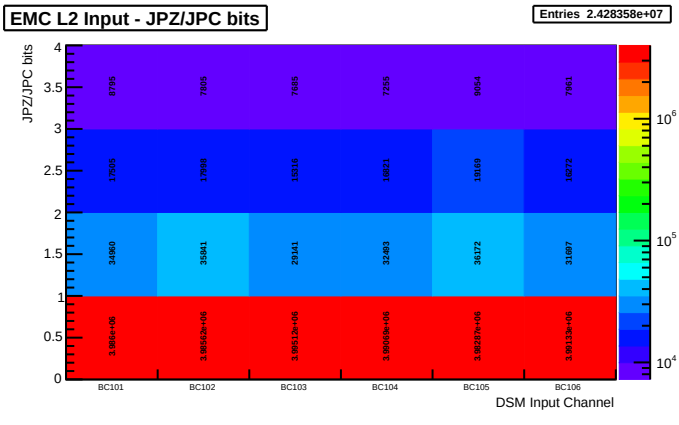

Endcap EMC L1 Input - HT.TP Diff
Entries 992
HT.TP Diff
1
0
-1
6
942
44
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^2
10
1

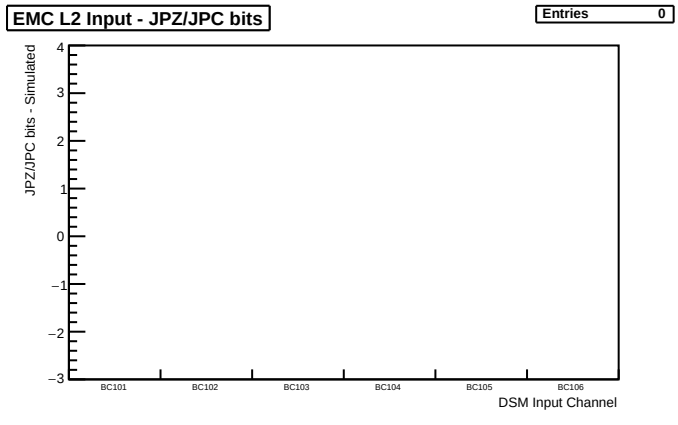

EMC L2 Input - JPX/JPA bits
Entries 2.428358e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
6604
7397
7097
5933
7658
6106
13518
14099
14249
12411
15148
12886
25415
27630
26010
22358
27652
23730
4.00173e+06
3.99827e+06
3.99991e+06
4.00056e+06
3.99958e+06
4.00443e+06

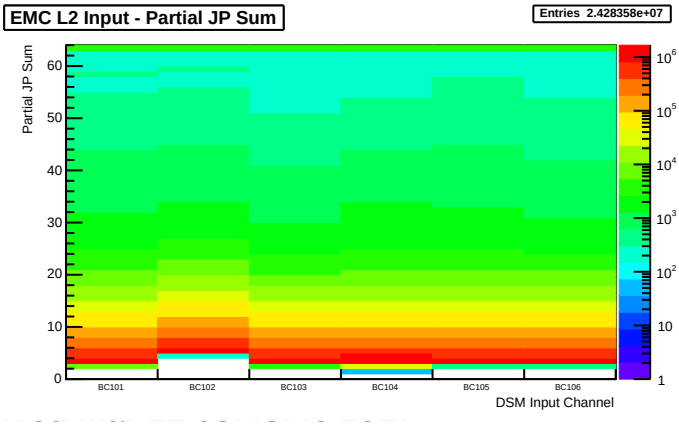

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

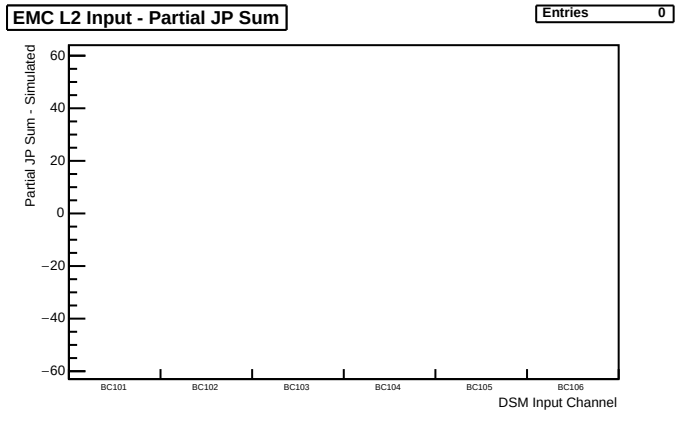

EMC L2 Input - JPY/JPB bits
Entries 2.428358e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7222
5596
7104
5452
7529
7135
15864
14425
15803
15175
17349
15825
31171
27924
29009
29225
32506
31560
3.99301e+06
3.99922e+06
3.99535e+06
4.00341e+06
3.99388e+06
3.99276e+06

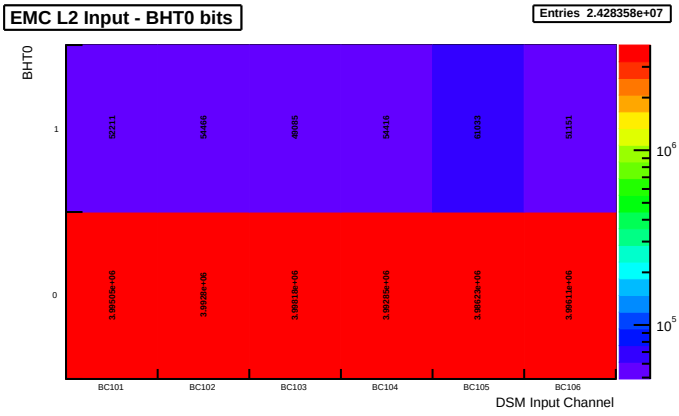

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

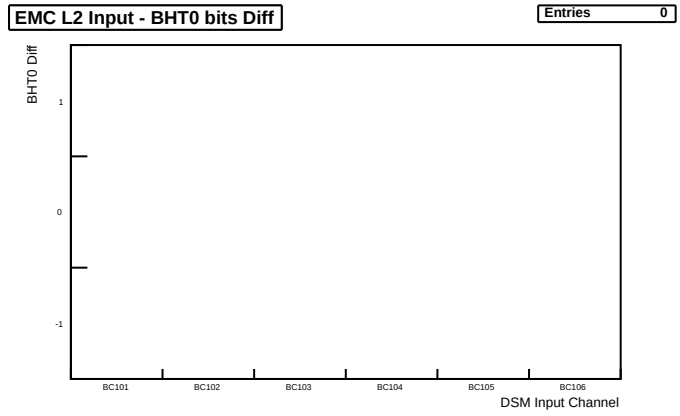

EMC L2 Input - JPZ/JPC bits
Entries 2.428358e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8795
7805
7685
7255
9054
7961
17505
17288
15316
16821
19169
16272
34960
35941
29141
32483
36172
31697
3.98934e+06
3.98952e+06
3.98512e+06
3.99059e+06
3.98227e+06
3.98133e+06

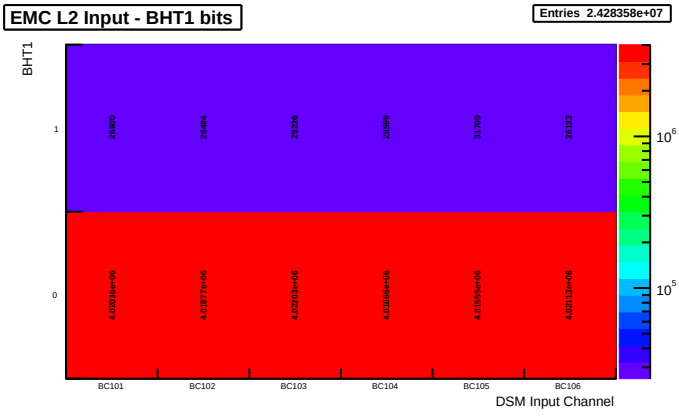

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

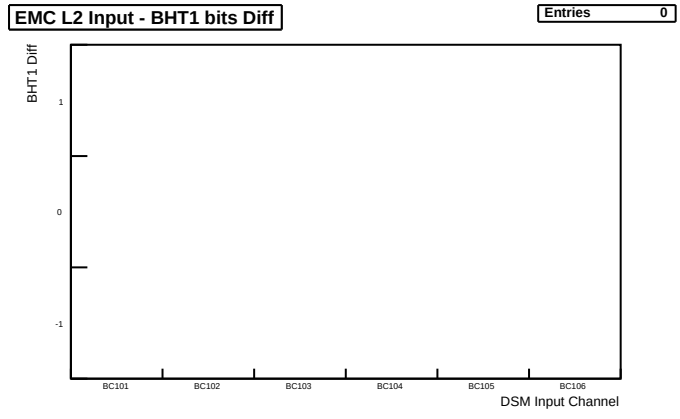

EMC L2 Input - Partial JP Sum
Entries 2.428358e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

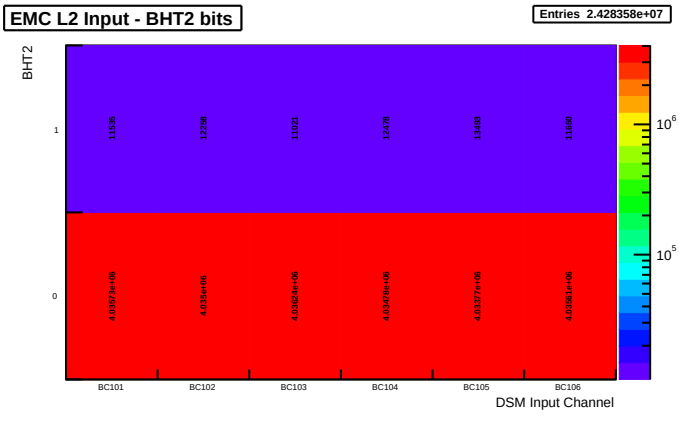

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

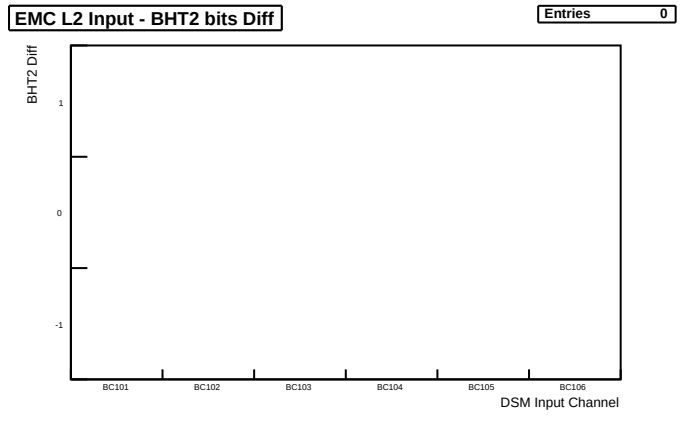

EMC L2 Input - BHT0 bits
Entries 2.428358e+07
BHT0
1
0
52211
54466
49065
54416
61653
61151
3.95509e+06
3.9928e+06
3.99819e+06
3.99235e+06
3.98623e+06
3.99611e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

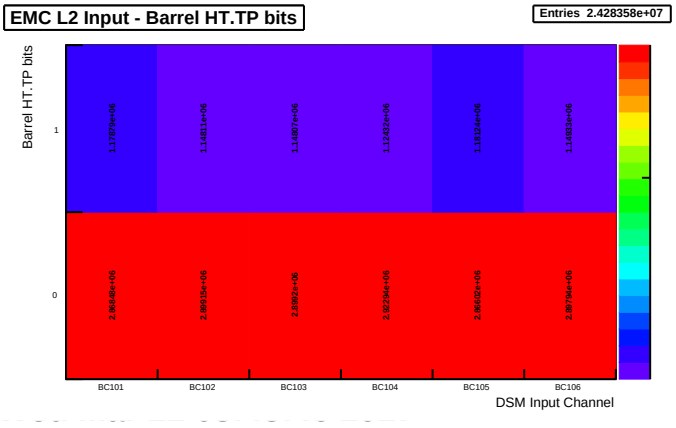

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

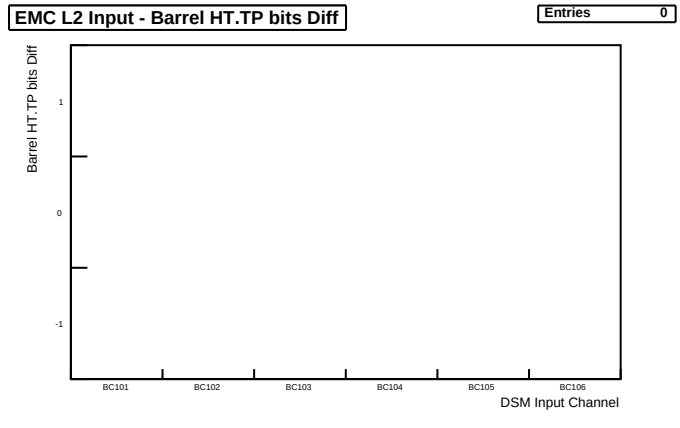

EMC L2 Input - BHT1 bits
Entries 2.428358e+07
BHT1
1
0
23800
23494
23236
23599
31709
26133
4.02036e+06
4.01977e+06
4.02203e+06
4.01866e+06
4.01555e+06
4.02113e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

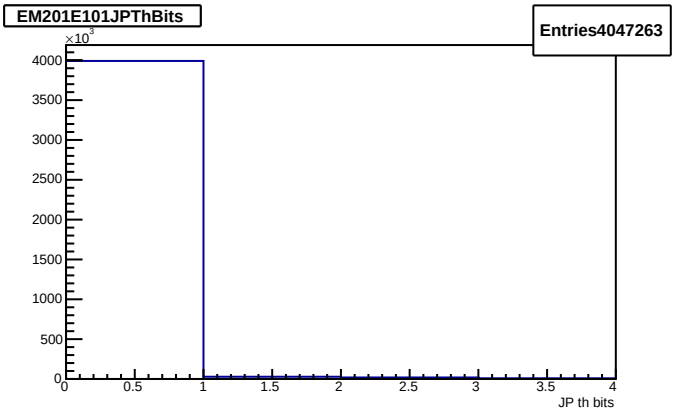

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

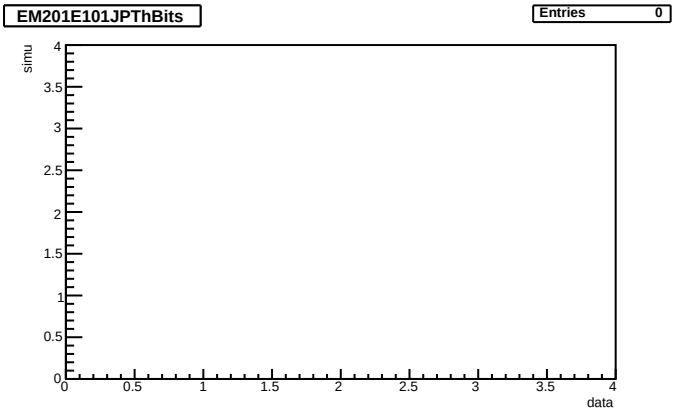

EMC L2 Input - BHT2 bits
Entries 2.428358e+07
BHT2
1
0
11535
12239
11921
12478
13483
11659
4.03573e+06
4.035e+06
4.03624e+06
4.03478e+06
4.03377e+06
4.03561e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

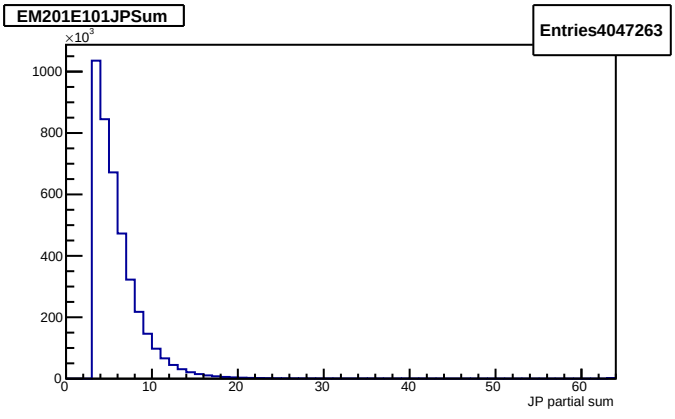

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

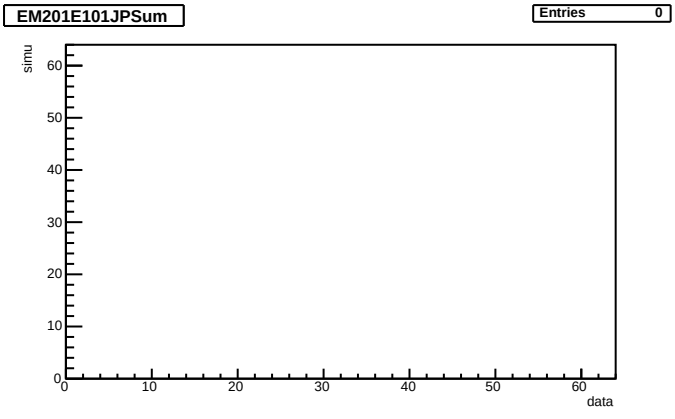

EMC L2 Input - Barrel HT.TP bits
Entries 2.428358e+07
Barrel HT.TP bits
1
0
1.17676e+06
1.14011e+06
1.14097e+06
1.12432e+06
1.18224e+06
1.14033e+06
2.86948e+06
2.89315e+06
2.89092e+06
2.92294e+06
2.86602e+06
2.89794e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

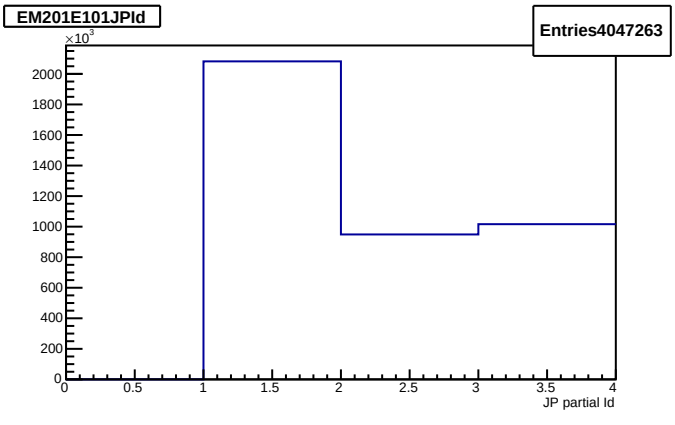

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

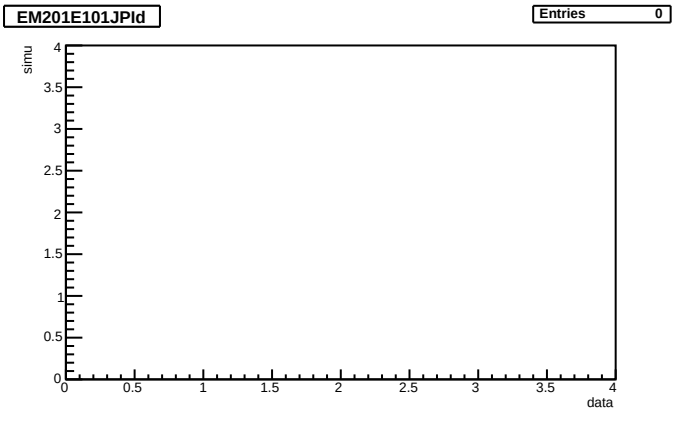

EM201E101JPThBits
Entries4047263
×10^3
JP th bits

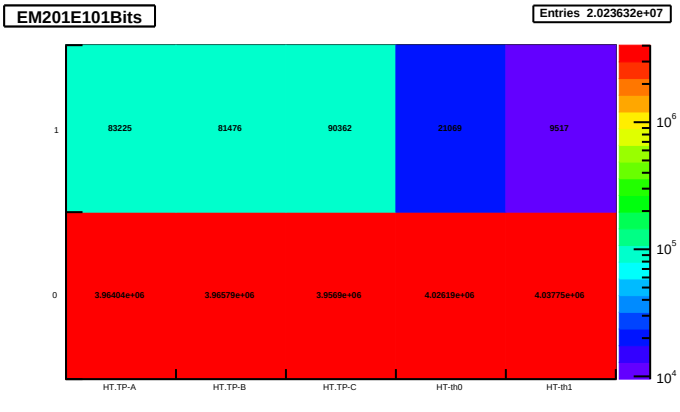

EM201E101JPThBits
Entries 0
simu
data

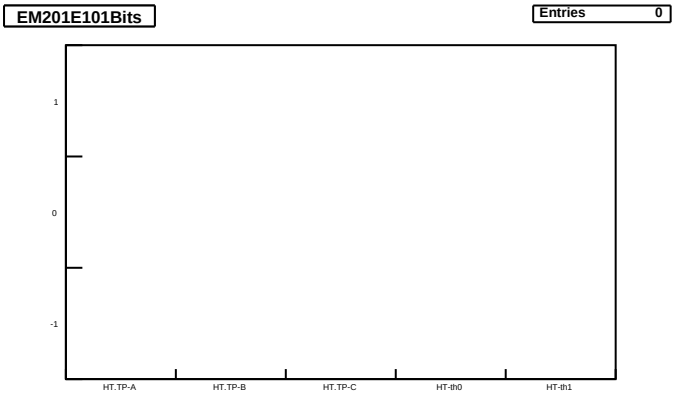

EM201E101JPSum
Entries4047263
×10^3
JP partial sum

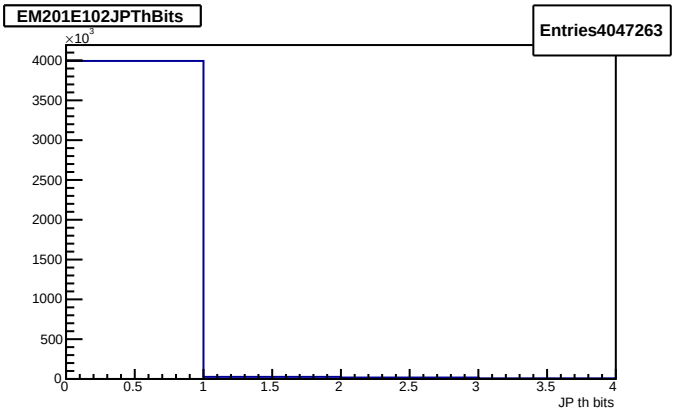

EM201E101JPSum
Entries 0
simu
data

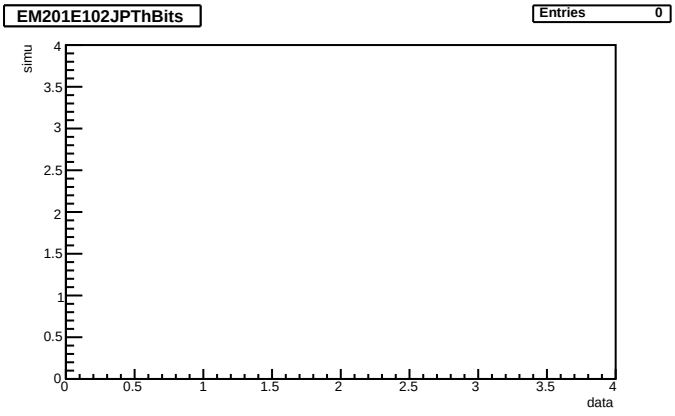

EM201E101JPId
Entries4047263
×10^3
JP partial Id

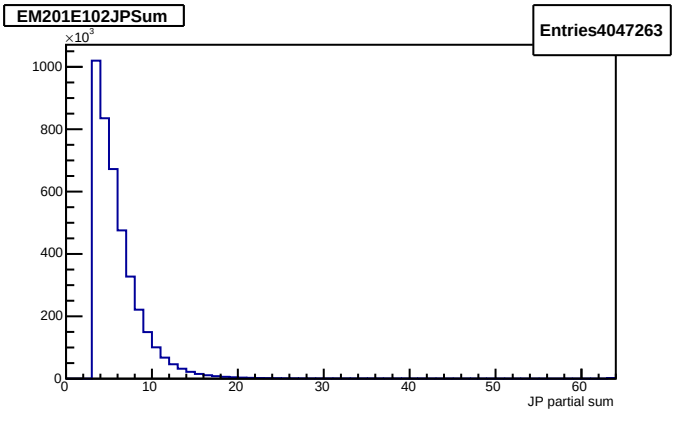

EM201E101JPId
Entries 0
simu
data

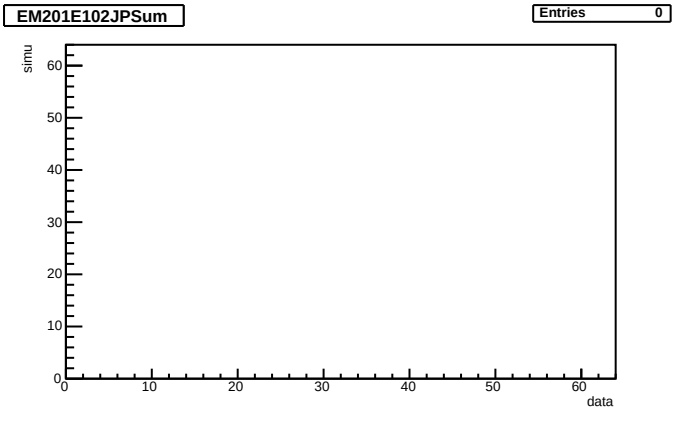

EM201E101Bits
Entries 2.023632e+07
83225
81476
90362
21069
9517
3.96404e+06
3.96579e+06
3.9569e+06
4.02619e+06
4.03775e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

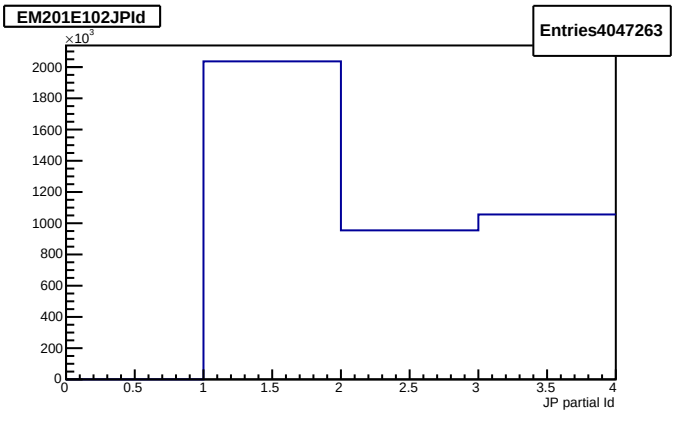

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

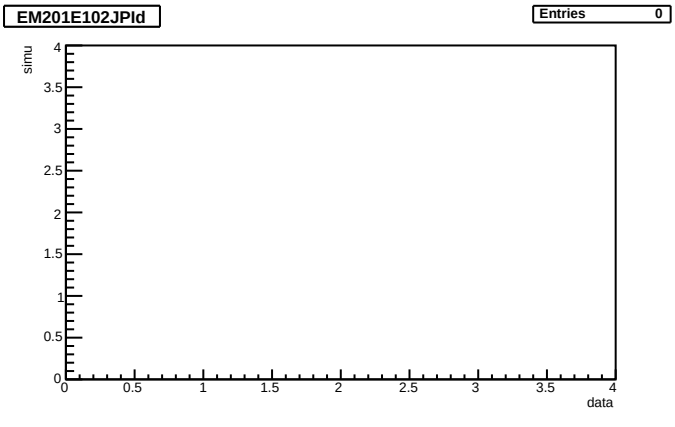

EM201E102JPThBits
Entries4047263
×10^3
JP th bits

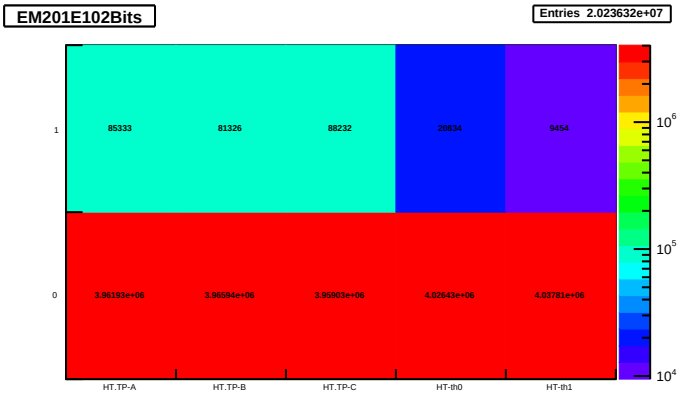

EM201E102JPThBits
Entries 0
simu
data

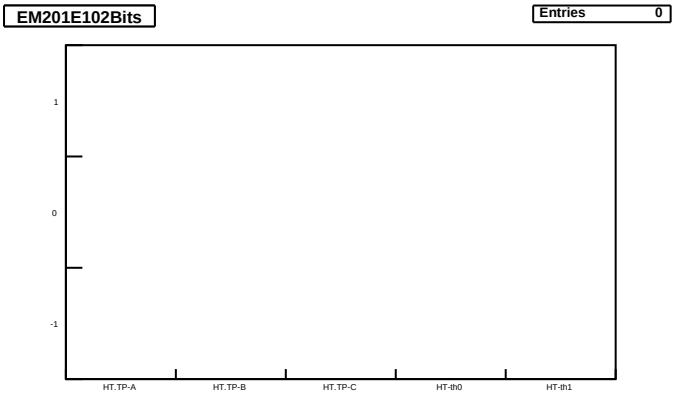

EM201E102JPSum
Entries4047263
×10^3
JP partial sum

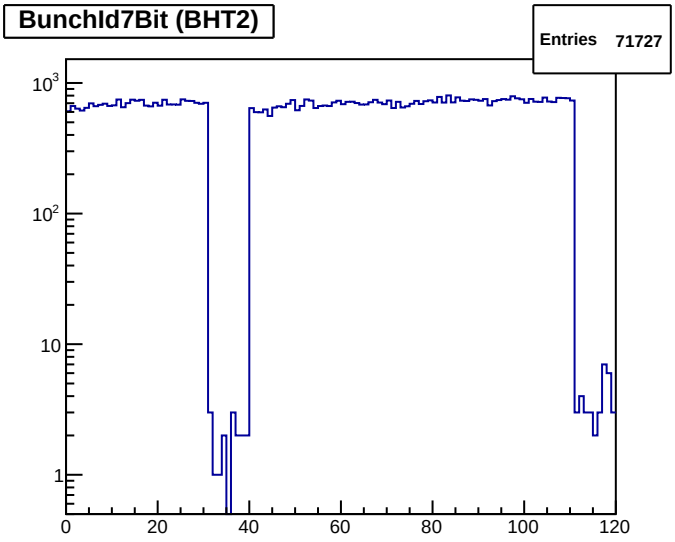

EM201E102JPSum
Entries 0
simu
data

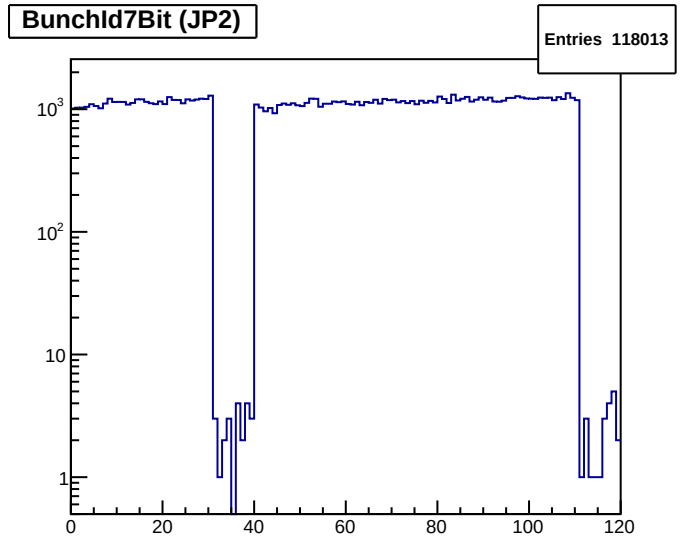

EM201E102JPId
Entries4047263
×10^3
JP partial Id

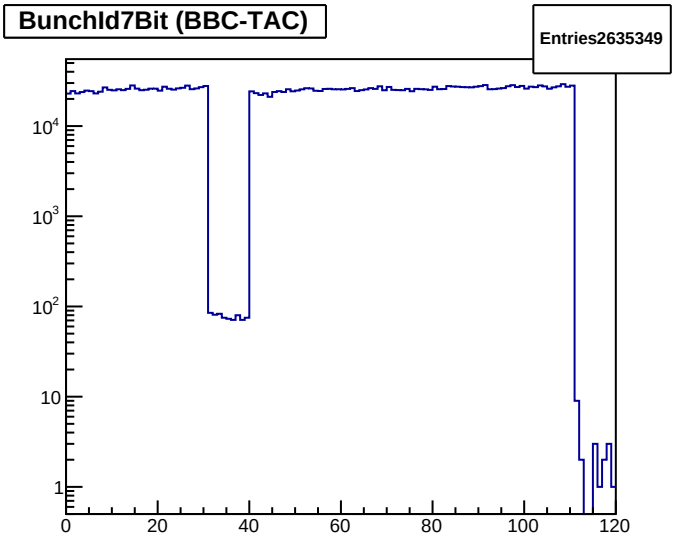

EM201E102JPId
Entries 0
simu
data

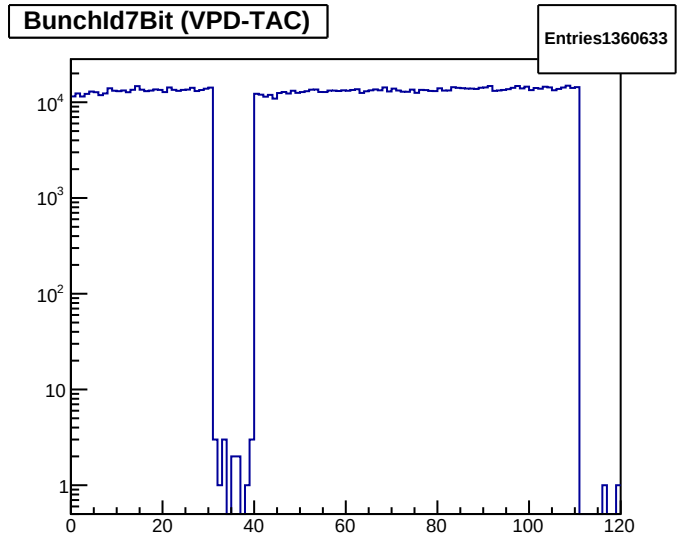

EM201E102Bits
Entries 2.023632e+07
85333
81326
88232
20834
9454
3.96193e+06
3.96594e+06
3.95903e+06
4.02643e+06
4.03781e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

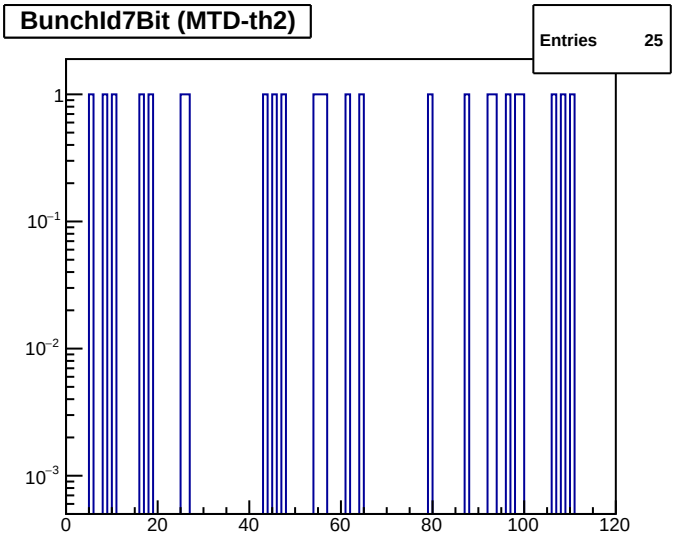

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

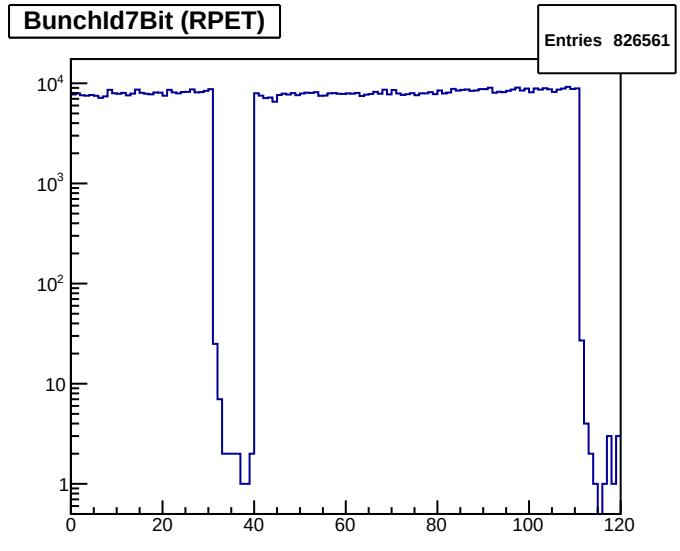

BunchId7Bit (BHT2)
Entries 71727

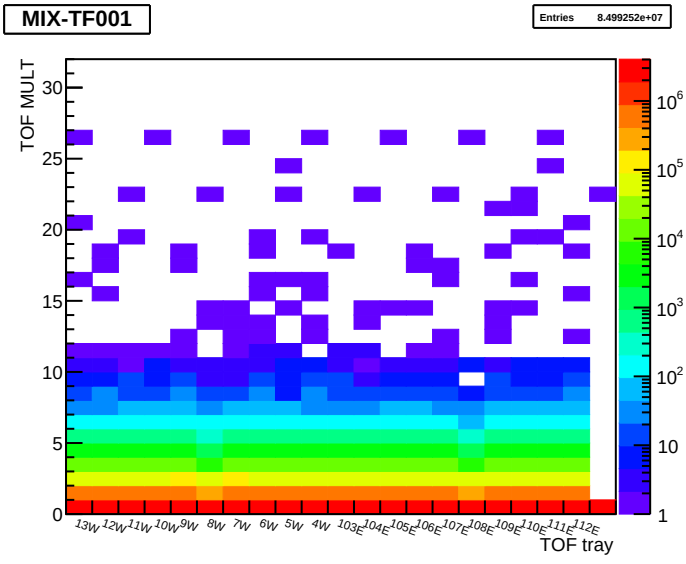

BunchId7Bit (JP2)
Entries 118013

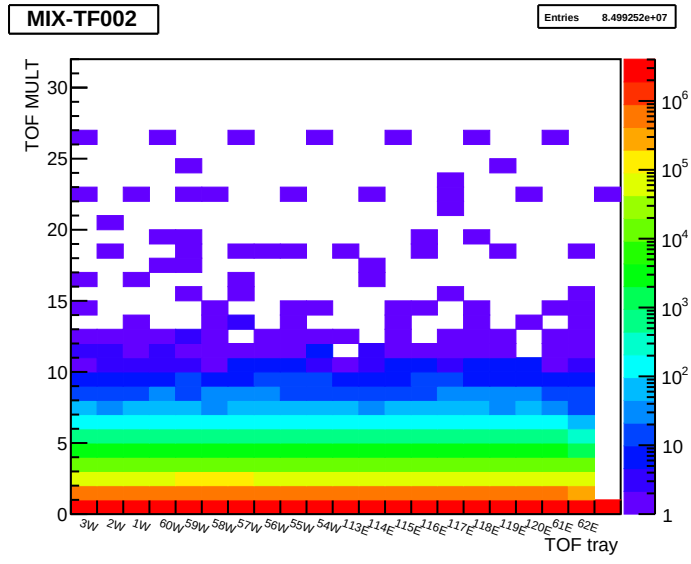

BunchId7Bit (BBC-TAC)
Entries2635349

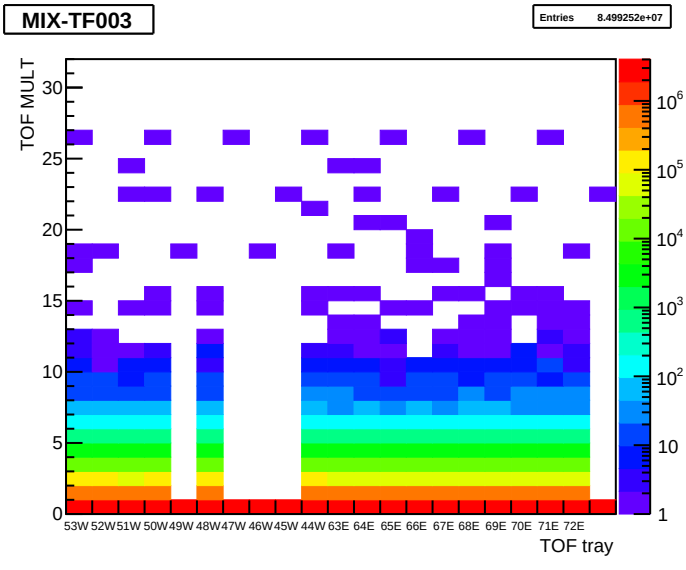

BunchId7Bit (VPD-TAC)
Entries1360633

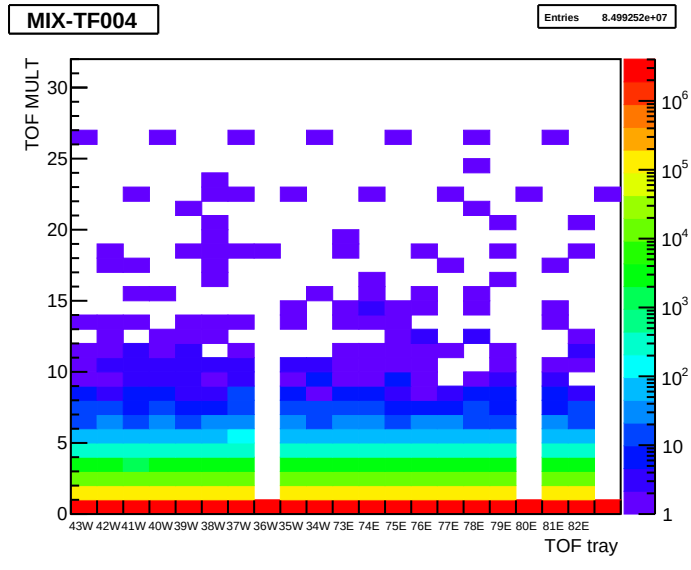

BunchId7Bit (MTD-th2)
Entries 25

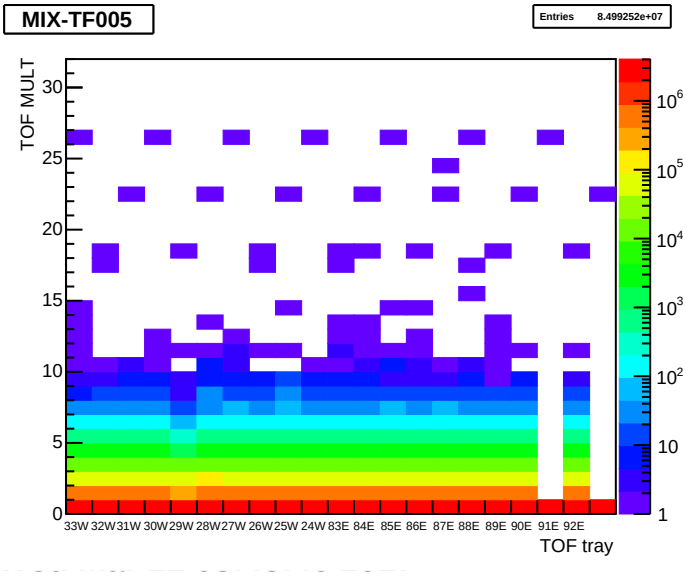

BunchId7Bit (RPET)
Entries 826561

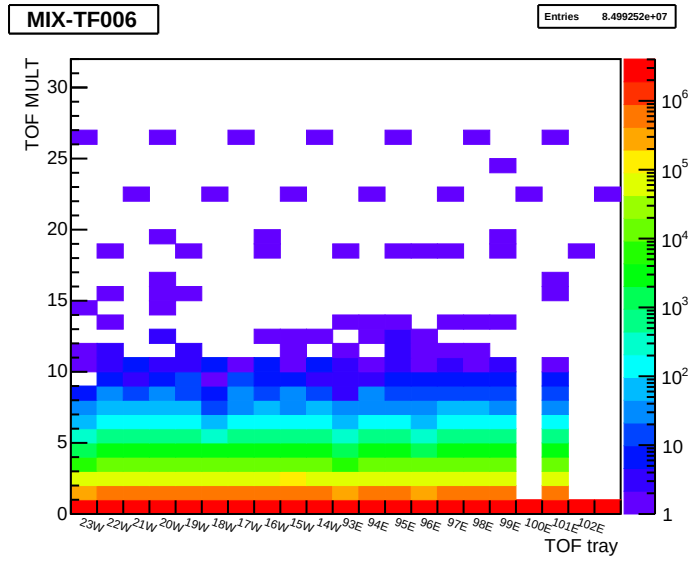

MIX-TF001
Entries 8.499252e+07
TOF MULT
TOF tray

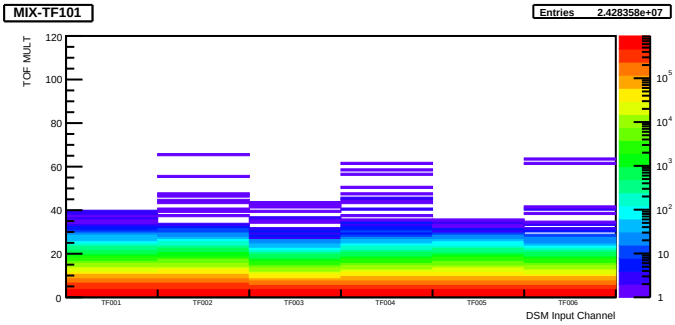

MIX-TF002
Entries 8.499252e+07
TOF MULT
TOF tray

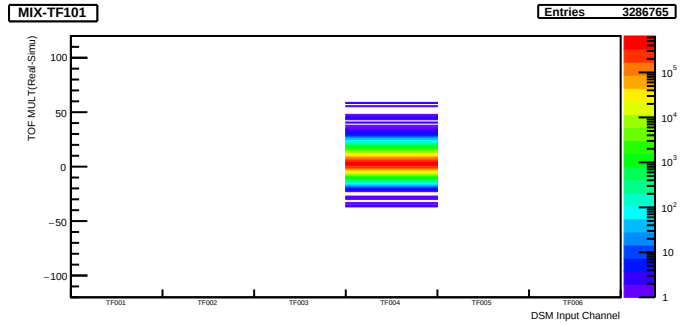

MIX-TF003
Entries 8.499252e+07
TOF MULT
TOF tray

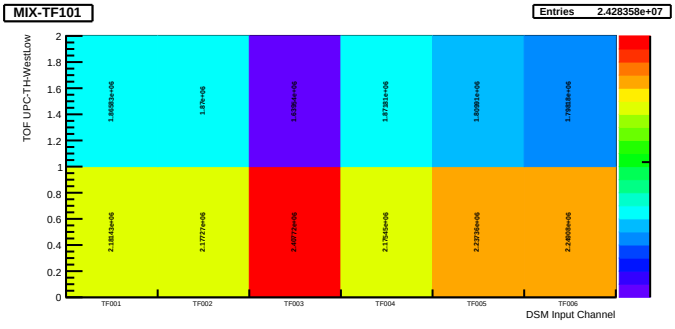

MIX-TF004
Entries 8.499252e+07
TOF MULT
TOF tray

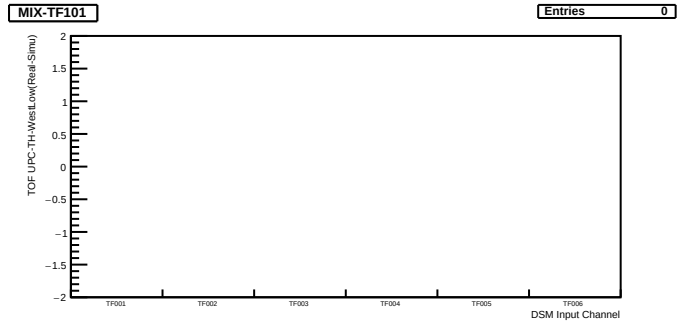

MIX-TF005
Entries 8.499252e+07
TOF MULT
TOF tray

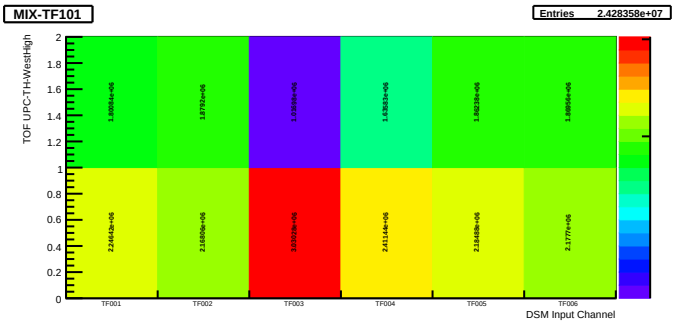

MIX-TF006
Entries 8.499252e+07
TOF MULT
TOF tray

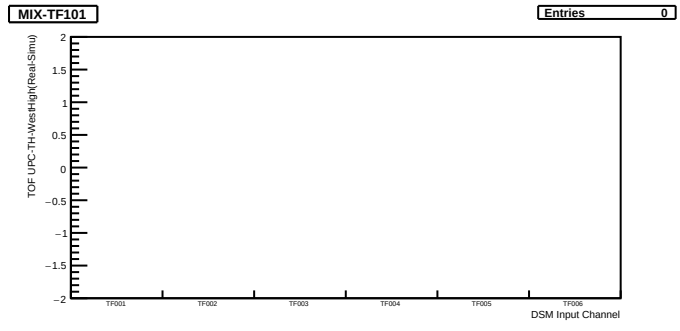

MIX-TF101
Entries 2.428358e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

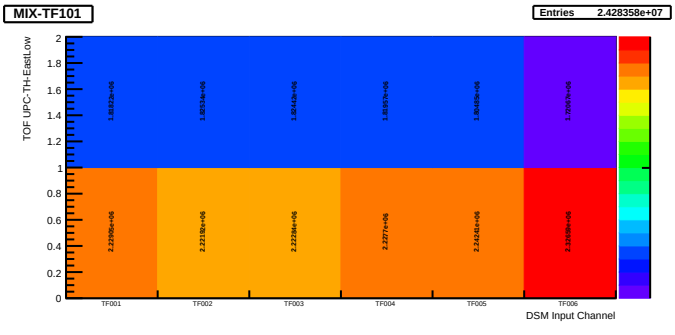

MIX-TF101
Entries 3286765
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

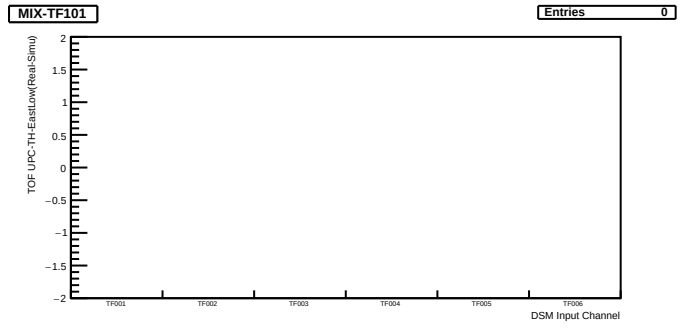

MIX-TF101
Entries 2.428358e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

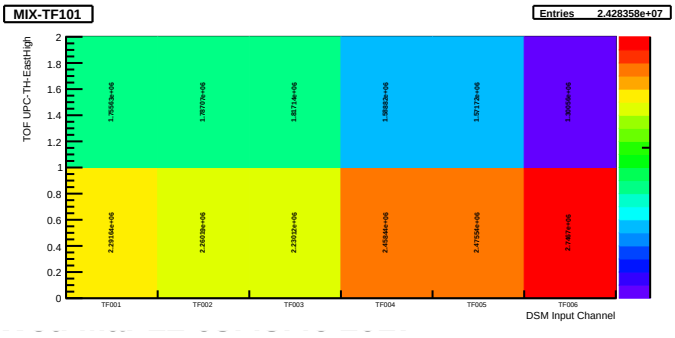

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

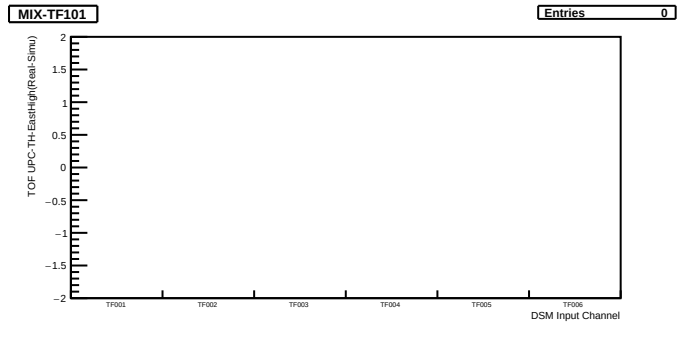

MIX-TF101
Entries 2.428358e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

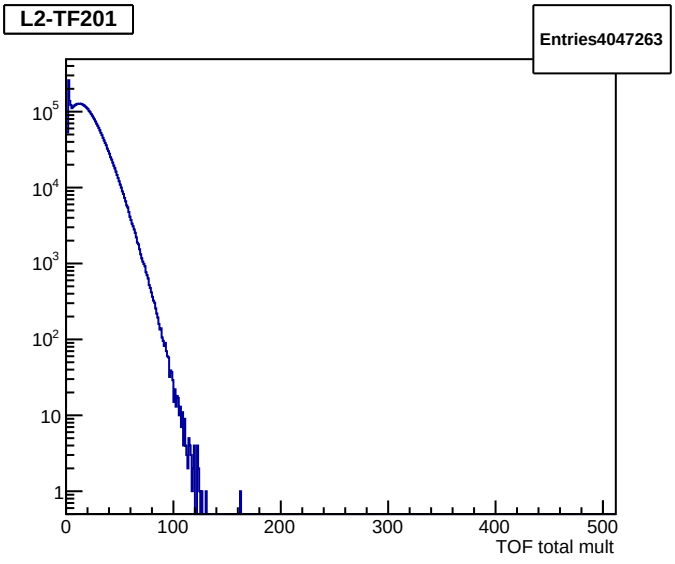

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

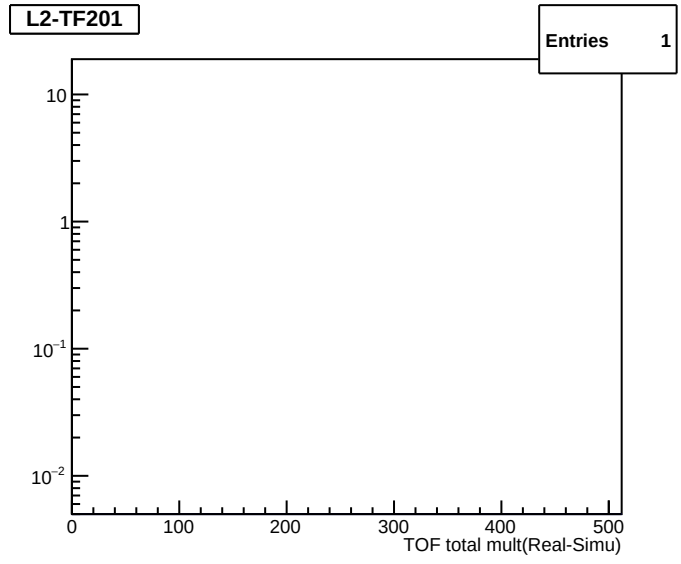

MIX-TF101
Entries 2.428358e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

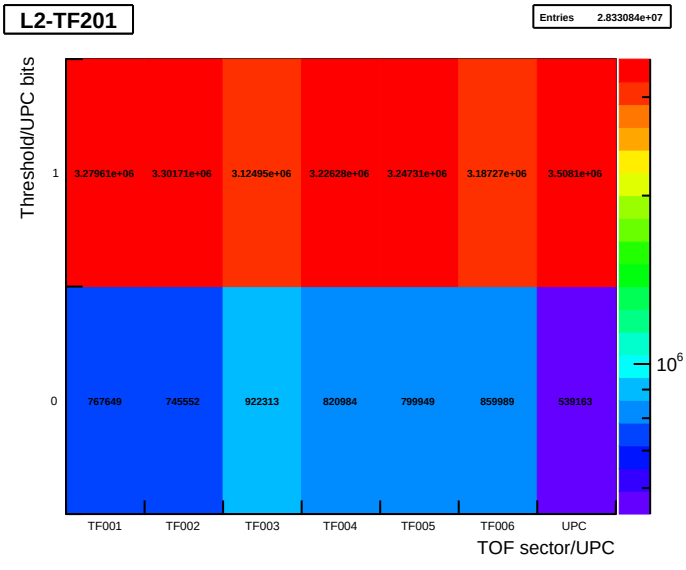

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

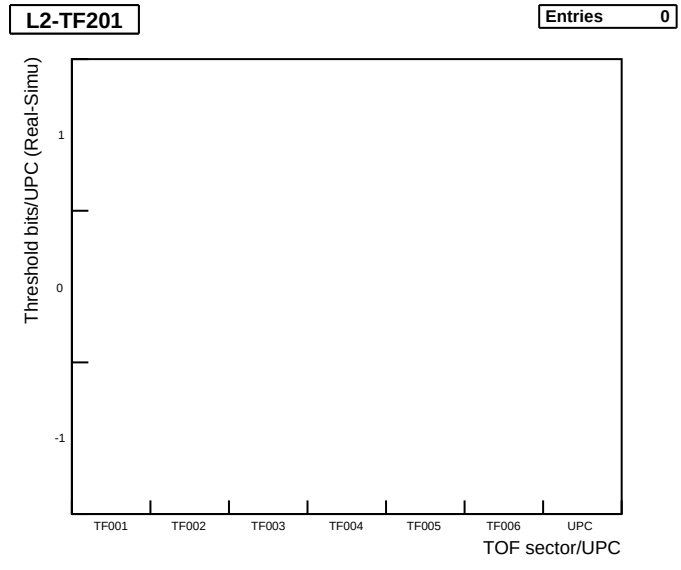

MIX-TF101
Entries 2.428358e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

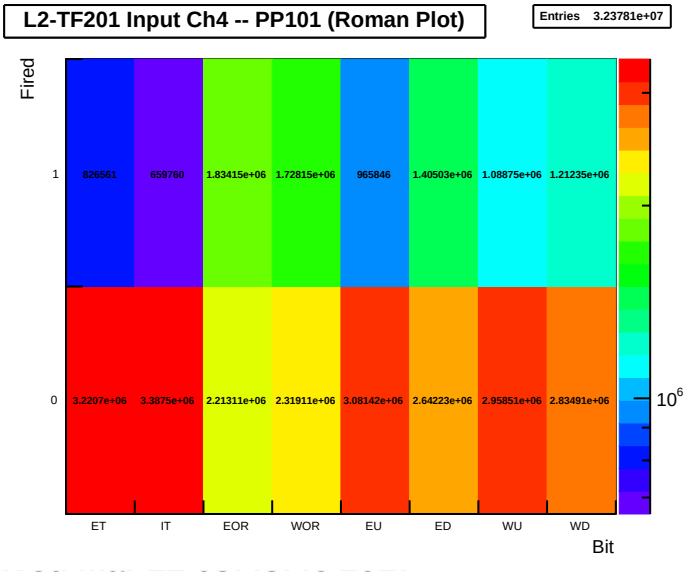

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

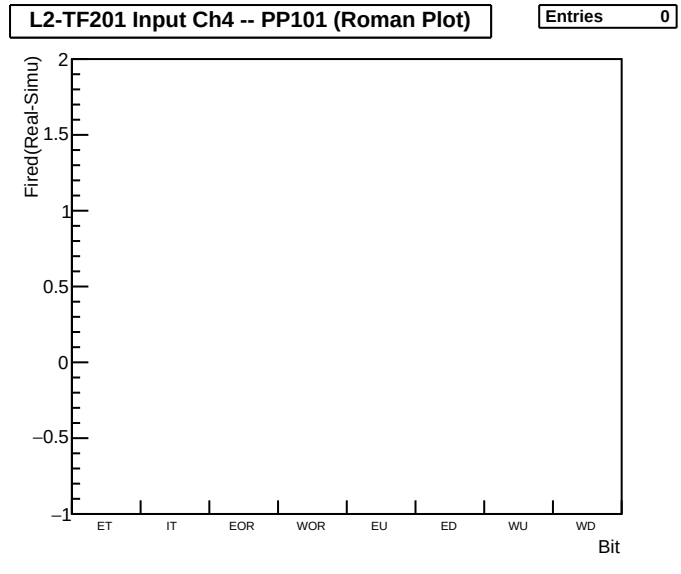

L2-TF201
Entries4047263
TOF total mult

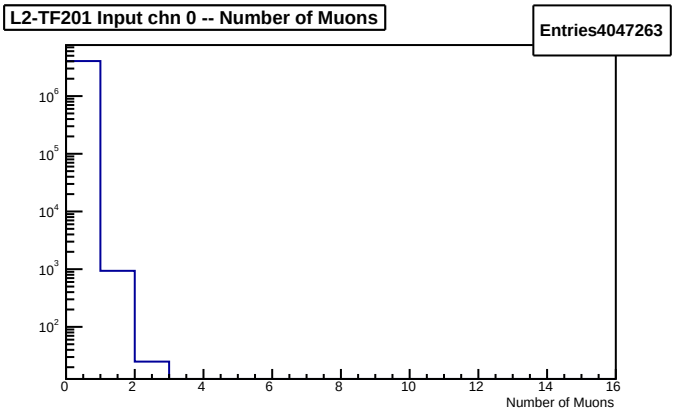

L2-TF201
Entries 1
TOF total mult(Real-Simu)

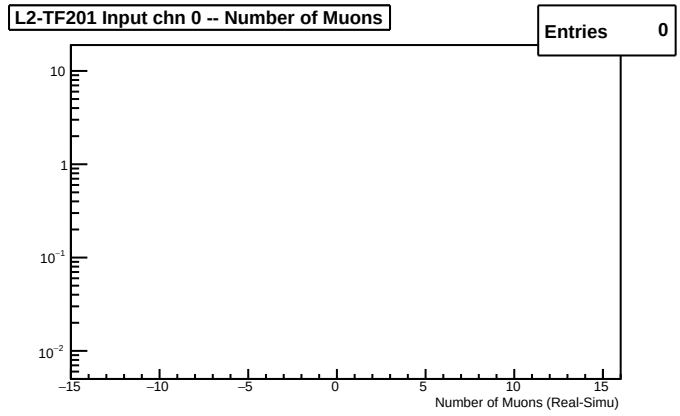

L2-TF201
Entries 2.833084e+07
Threshold/UPC bits
3.27961e+06
3.30171e+06
3.12495e+06
3.22628e+06
3.24731e+06
3.18727e+06
3.5081e+06
767649
745552
922313
820984
799949
859989
539163
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

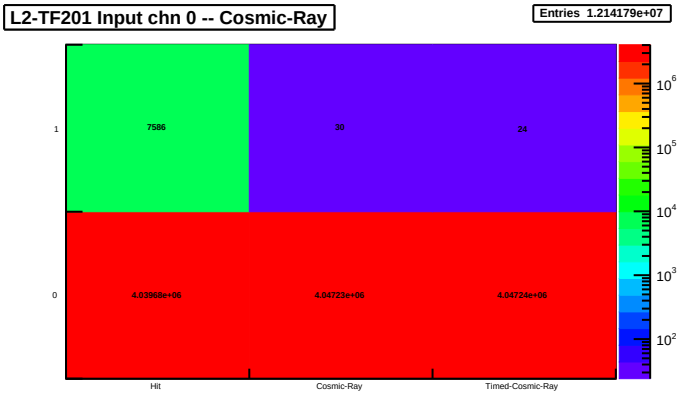

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

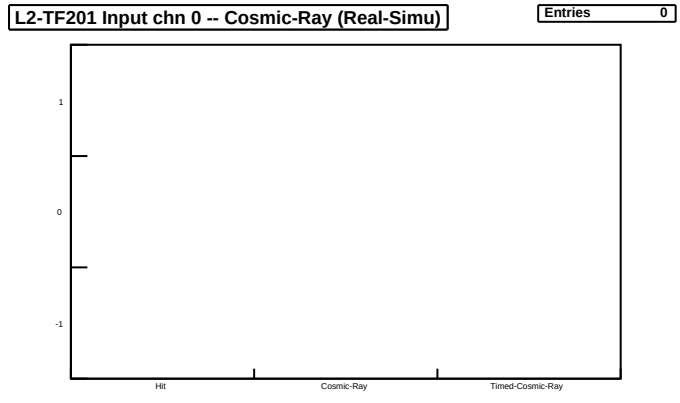

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.23781e+07
Fired
826561
659760
1.83415e+06
1.72815e+06
965846
1.40503e+06
1.08875e+06
1.21235e+06
3.2207e+06
3.3875e+06
2.21311e+06
2.31911e+06
3.08142e+06
2.64223e+06
2.95851e+06
2.83491e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

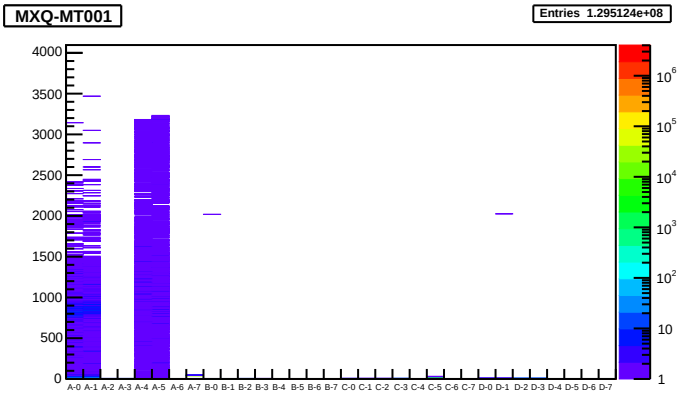

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

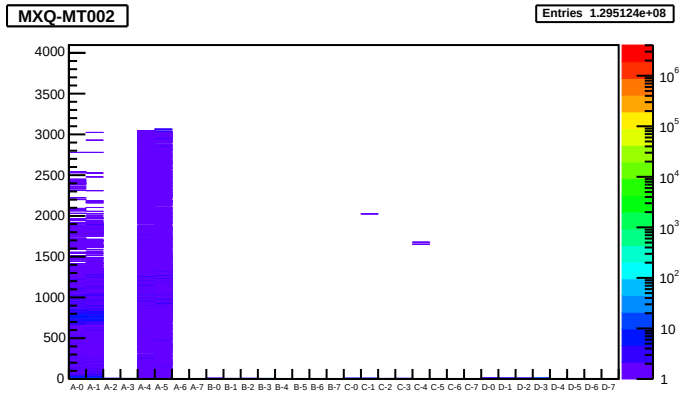

L2-TF201 Input chn 0 -- Number of Muons
Entries4047263
Number of Muons

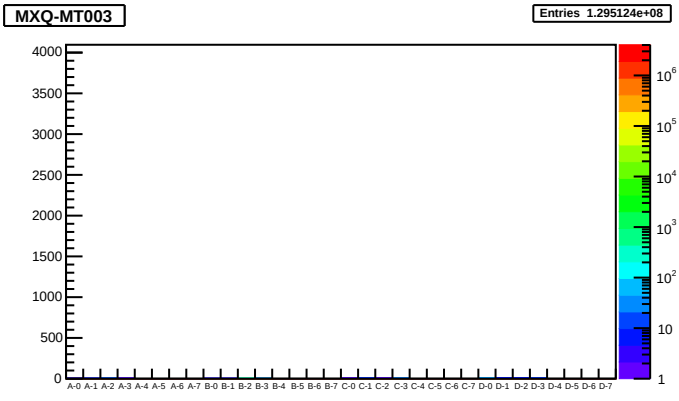

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

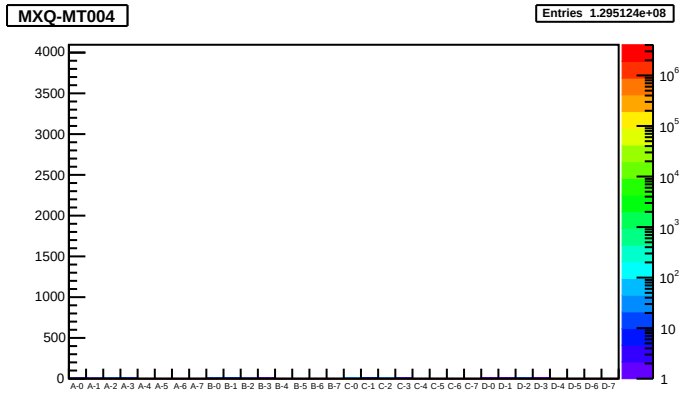

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.214179e+07
7586
30
24
4.03968e+06
4.04723e+06
4.04724e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

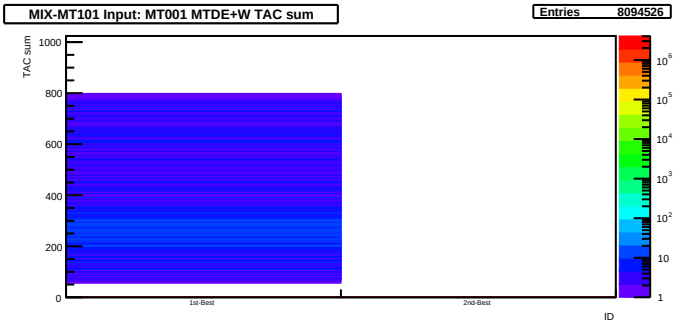

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

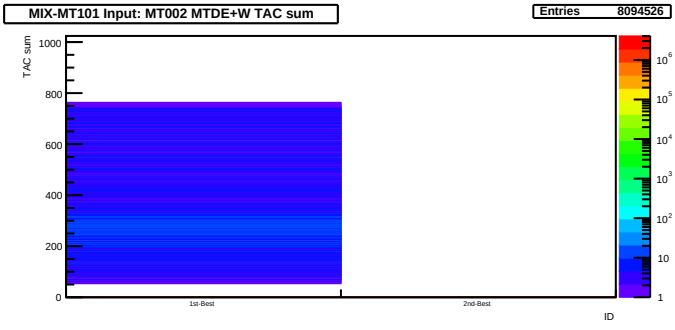

MXQ-MT001
Entries 1.295124e+08

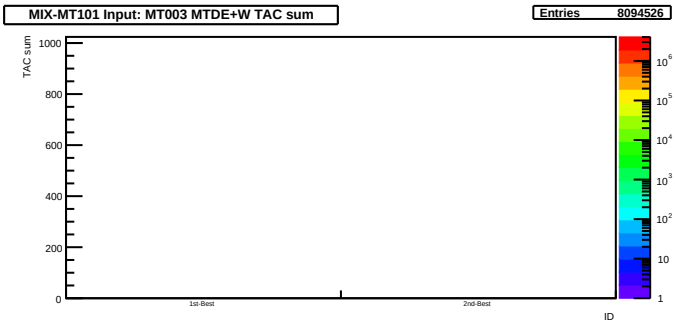

MXQ-MT002
Entries 1.295124e+08

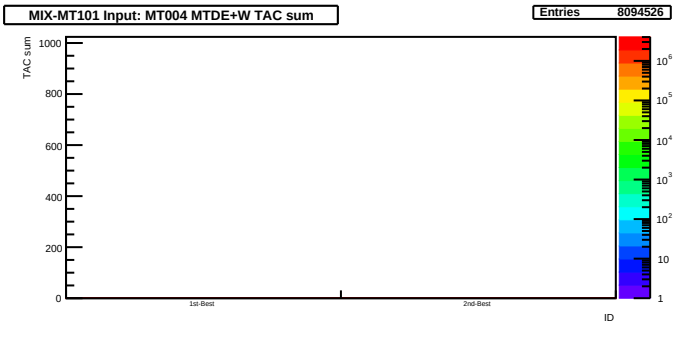

MXQ-MT003
Entries 1.295124e+08

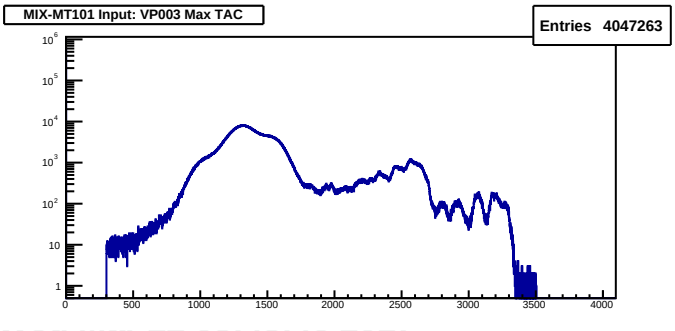

MXQ-MT004
Entries 1.295124e+08

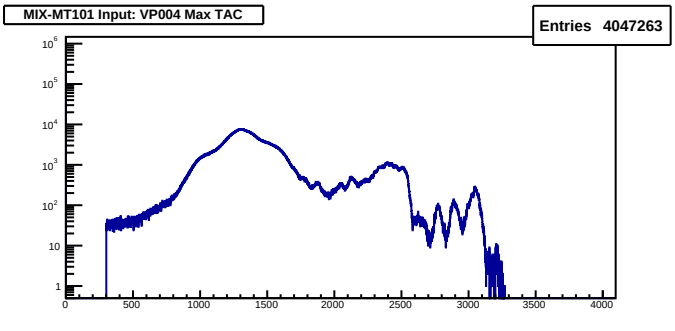

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 8094526
TAC sum
1st-Best
2nd-Best
ID

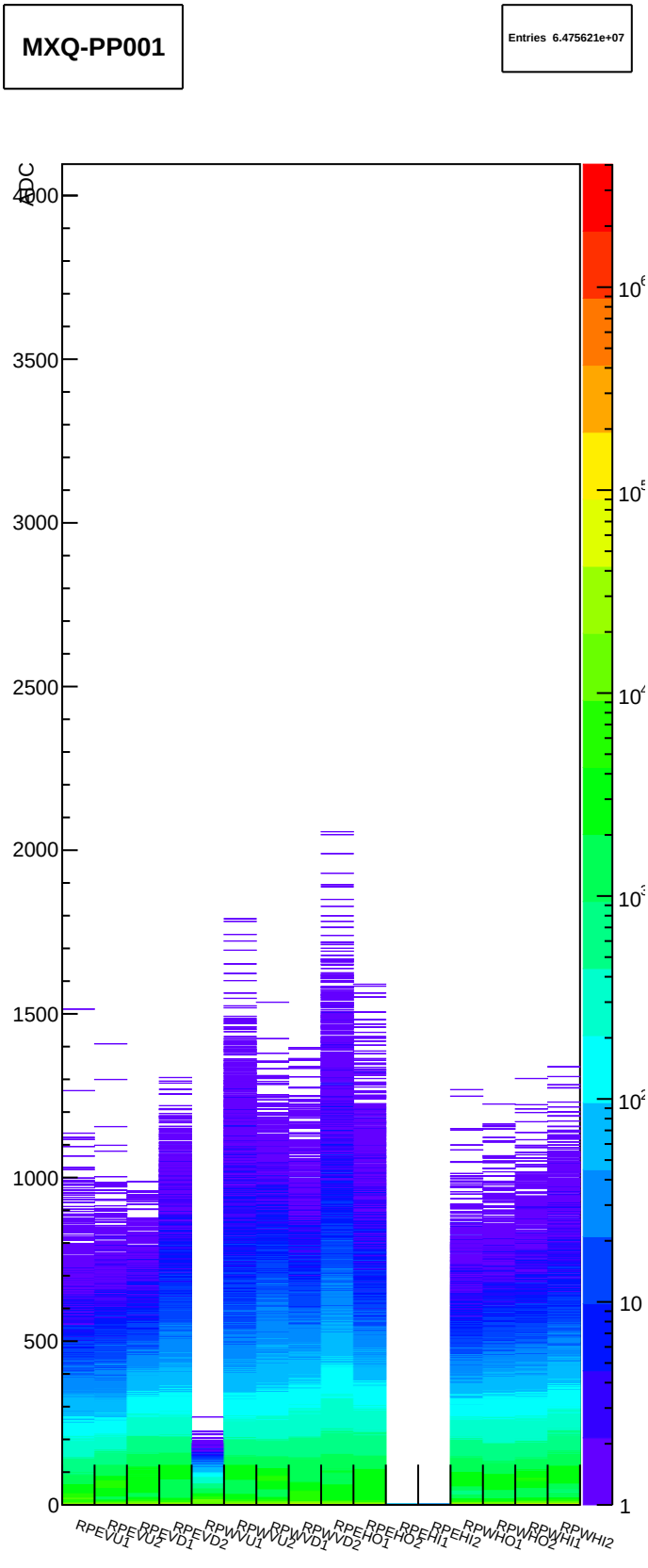

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 8094526
TAC sum
1st-Best
2nd-Best
ID

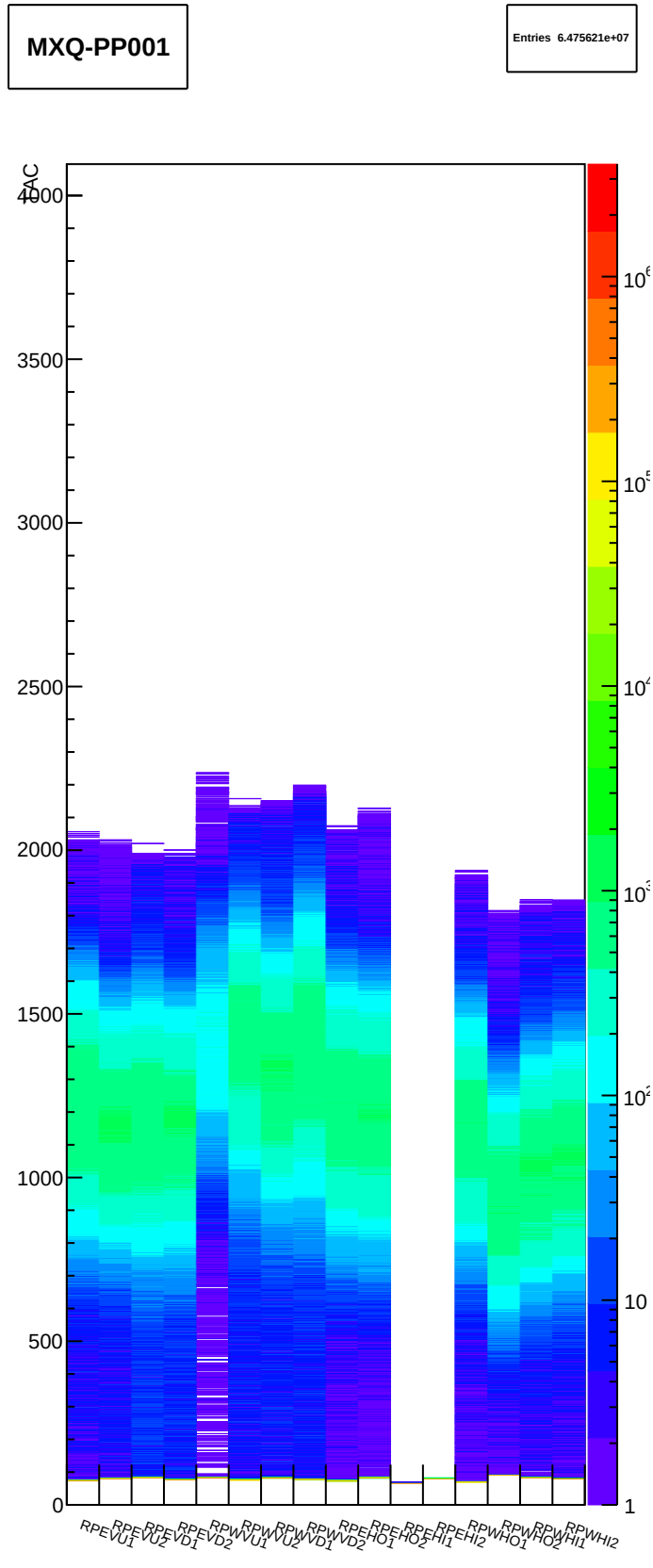

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 8094526
TAC sum
1st-Best
2nd-Best
ID

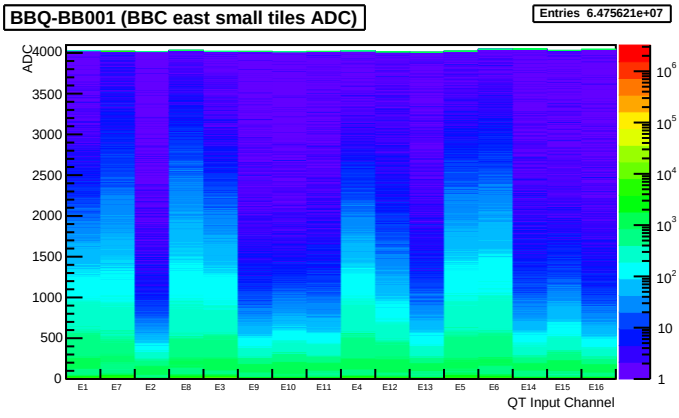

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 8094526
TAC sum
1st-Best
2nd-Best
ID

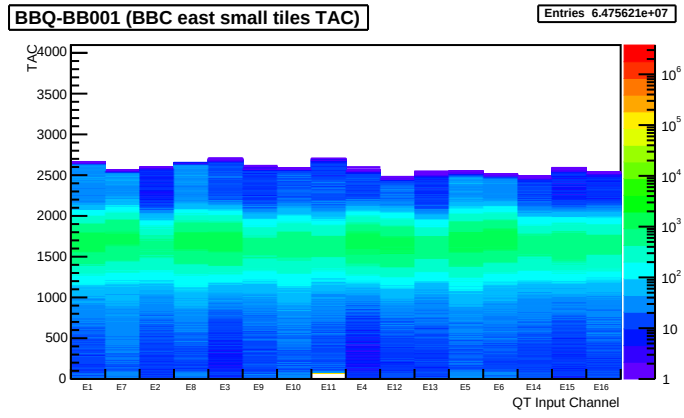

MIX-MT101 Input: VP003 Max TAC
Entries 4047263

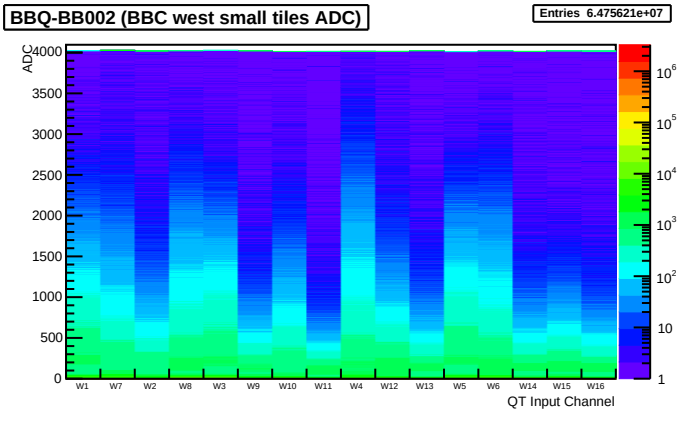

MIX-MT101 Input: VP004 Max TAC
Entries 4047263

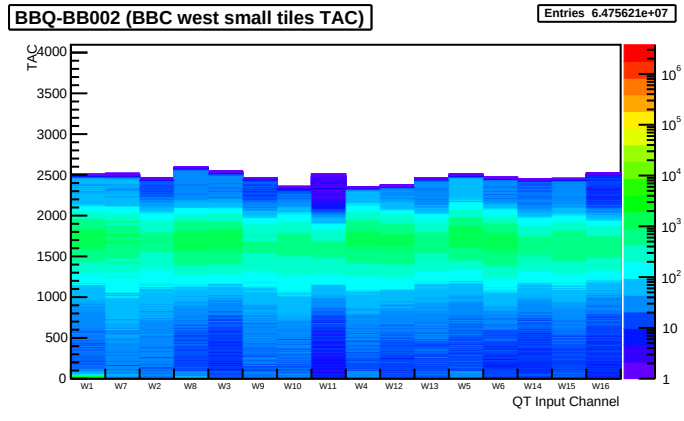

MXQ-PP001
Entries 6.475621e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

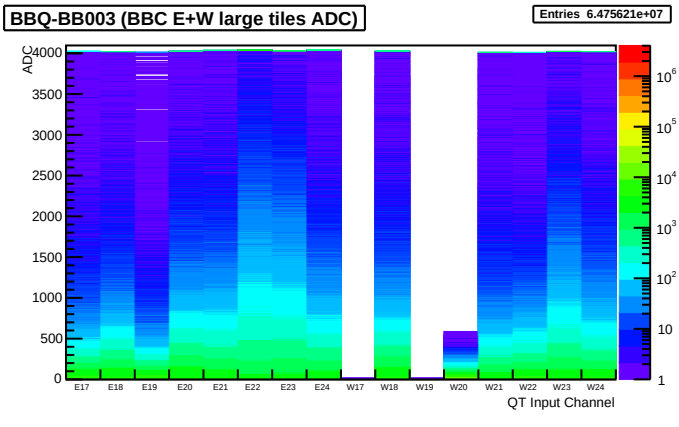

MXQ-PP001
Entries 6.475621e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

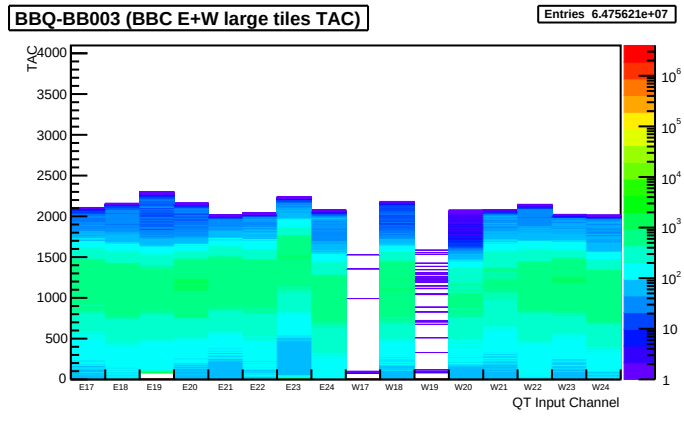

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.475621e+07
ADC
QT Input Channel

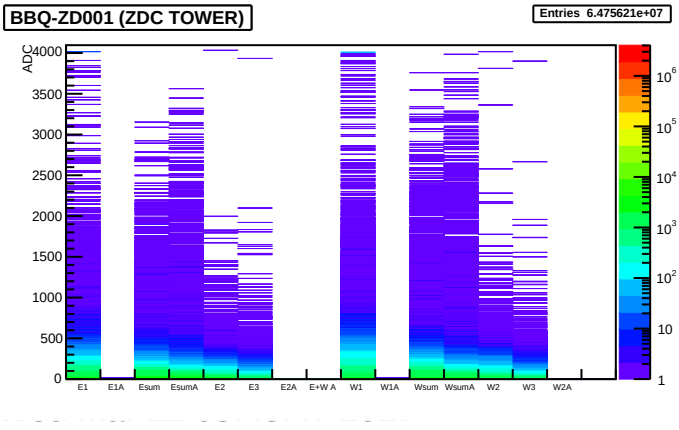

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.475621e+07
TAC
QT Input Channel

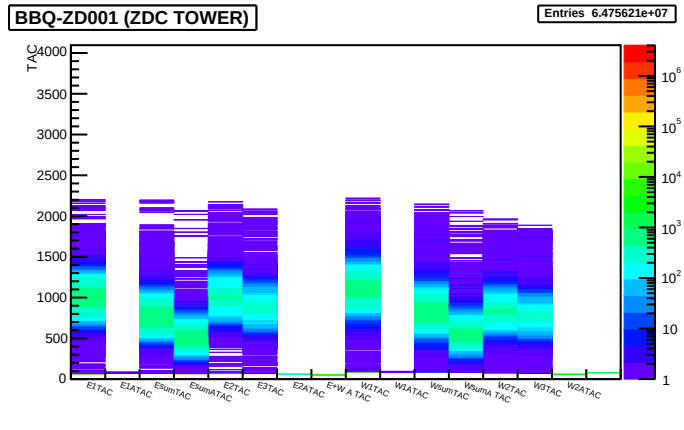

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.475621e+07
ADC
QT Input Channel

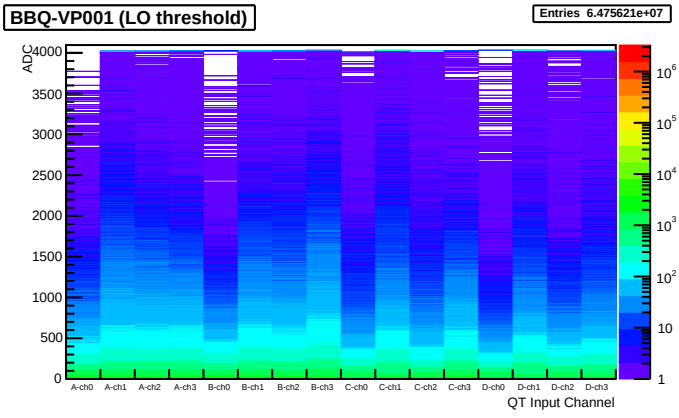

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.475621e+07
TAC
QT Input Channel

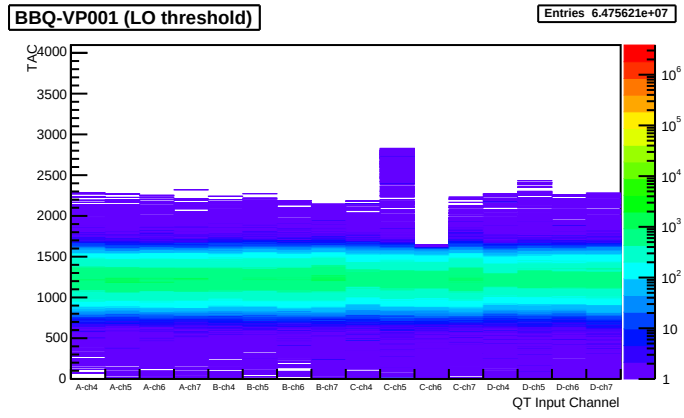

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.475621e+07
ADC
QT Input Channel

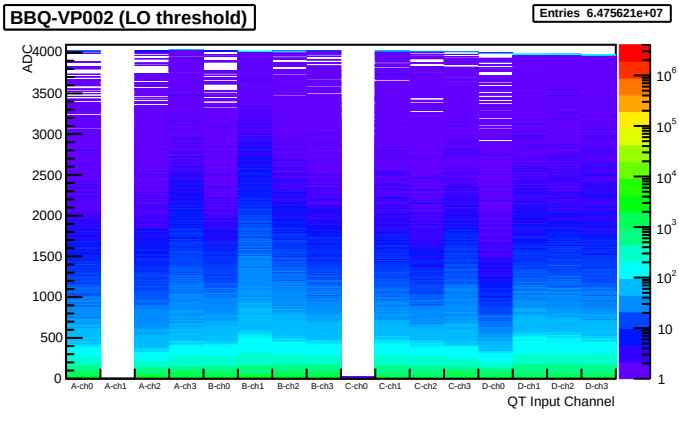

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.475621e+07
TAC
QT Input Channel

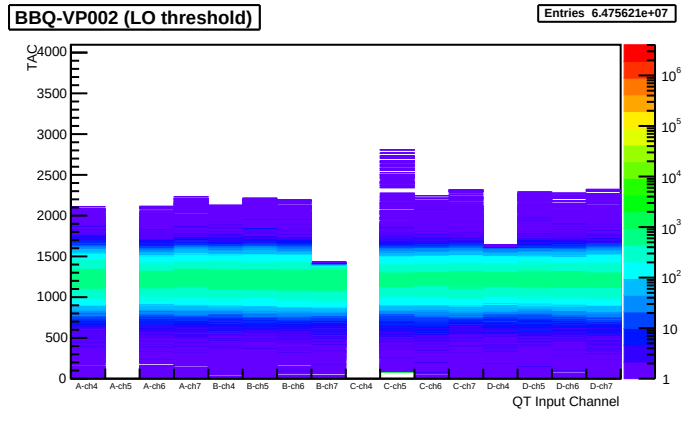

BBQ-ZD001 (ZDC TOWER)
Entries 6.475621e+07
ADC

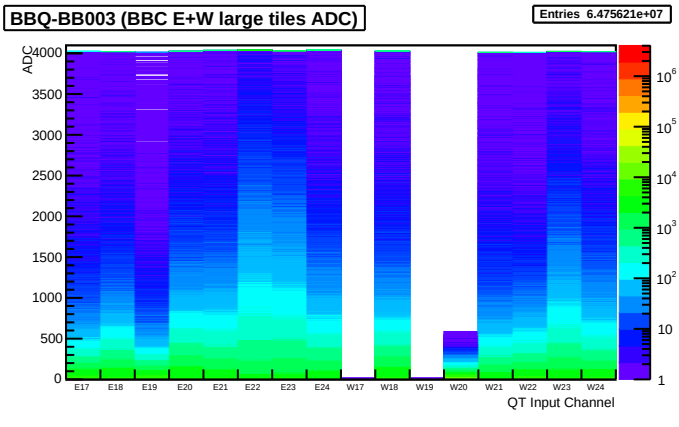

BBQ-ZD001 (ZDC TOWER)
Entries 6.475621e+07
TAC

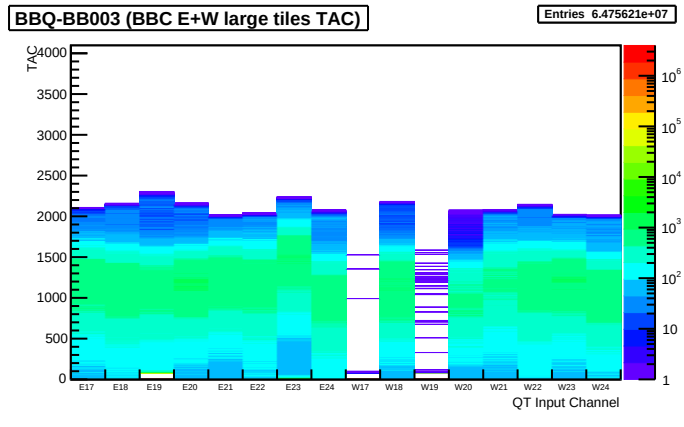

BBQ-VP001 (LO threshold)
Entries 6.475621e+07
ADC
QT Input Channel

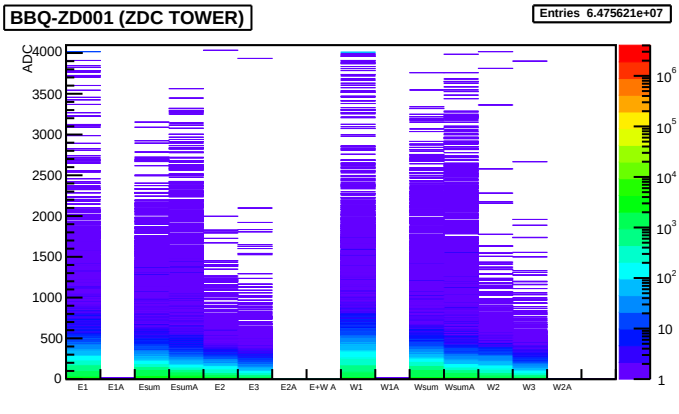

BBQ-VP001 (LO threshold)
Entries 6.475621e+07
TAC
QT Input Channel

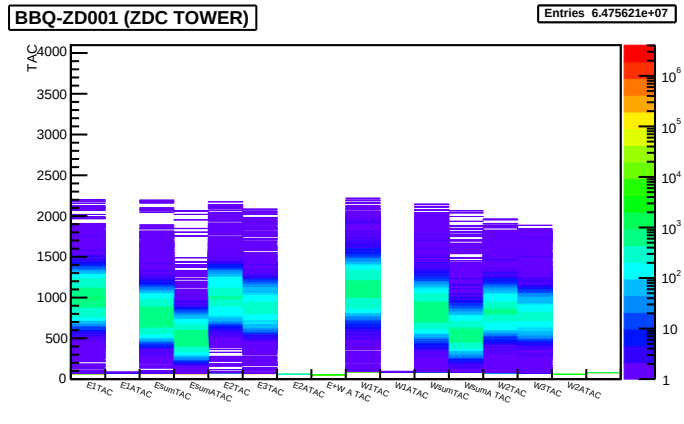

BBQ-VP002 (LO threshold)
Entries 6.475621e+07
ADC
QT Input Channel

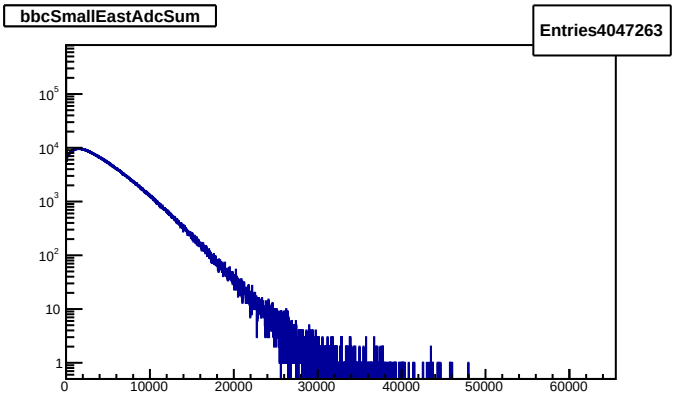

BBQ-VP002 (LO threshold)
Entries 6.475621e+07
TAC
QT Input Channel

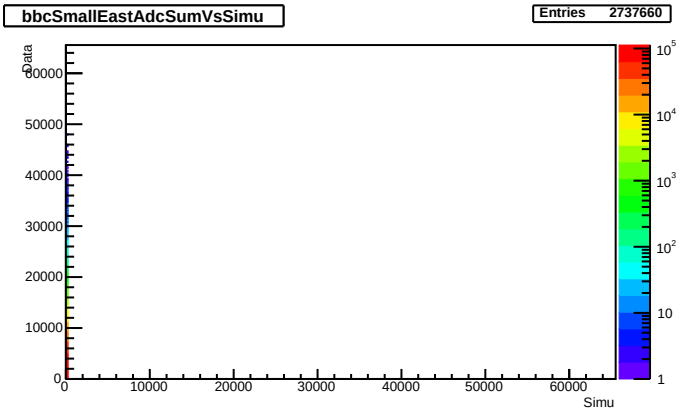

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.475621e+07
ADC
QT Input Channel

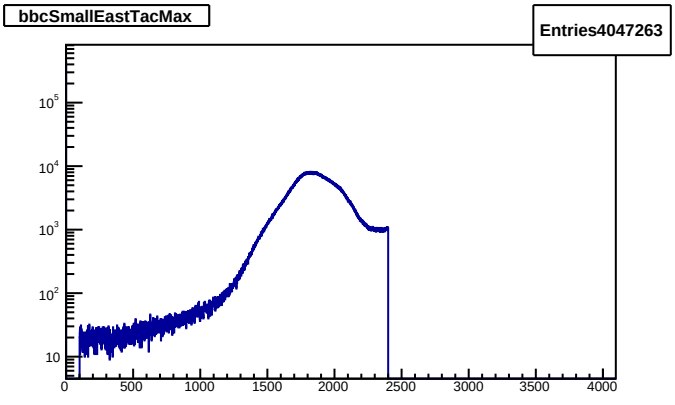

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.475621e+07
TAC
QT Input Channel

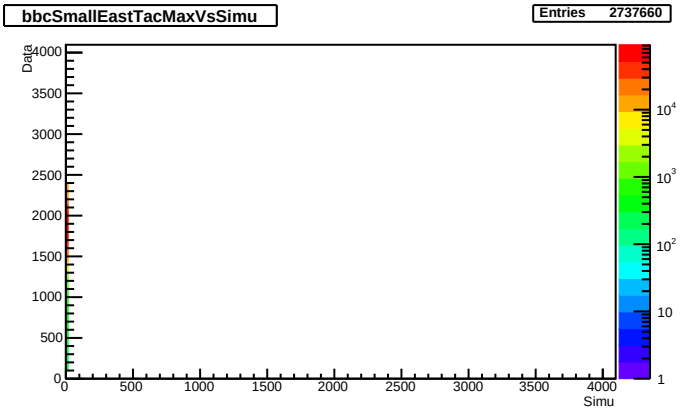

BBQ-ZD001 (ZDC TOWER)
Entries 6.475621e+07
ADC

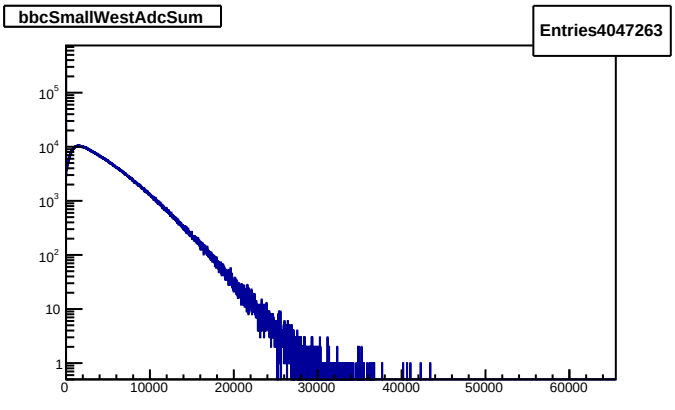

BBQ-ZD001 (ZDC TOWER)
Entries 6.475621e+07
TAC

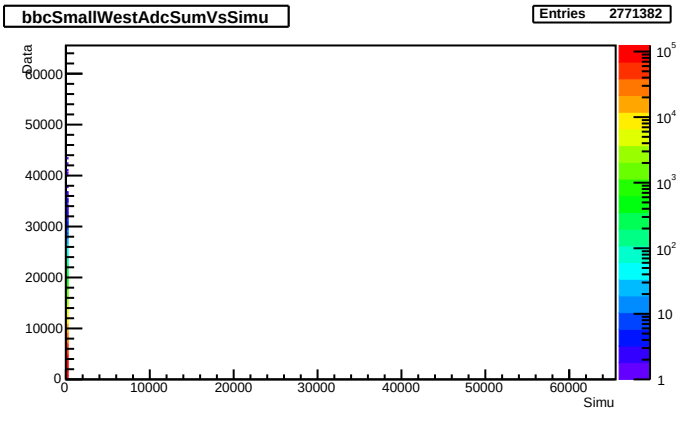

bbcSmallEastAdcSum
Entries4047263

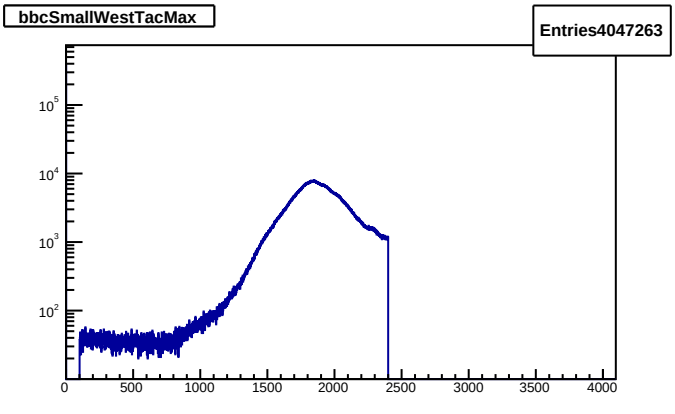

bbcSmallEastAdcSumVsSimu
Entries 2737660
Data
Simu

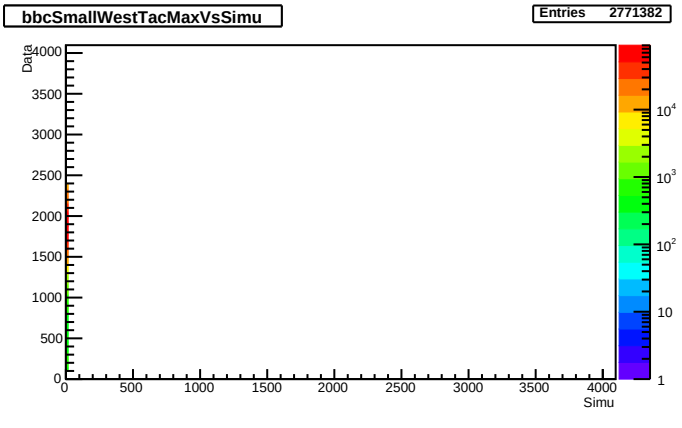

bbcSmallEastTacMax
Entries4047263

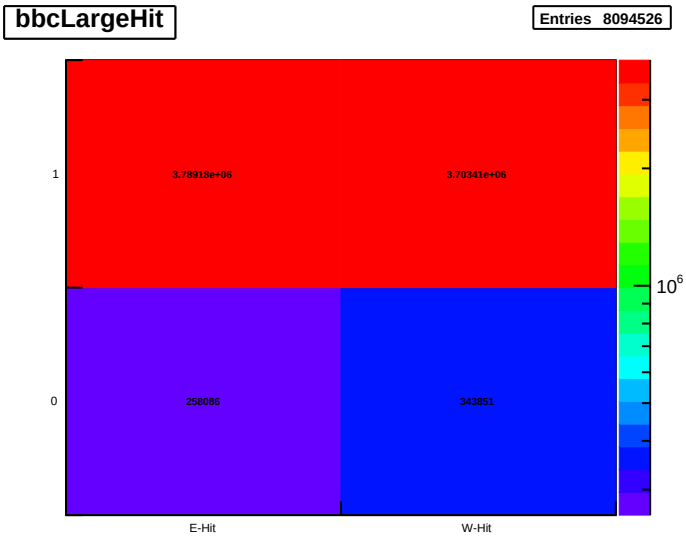

bbcSmallEastTacMaxVsSimu
Entries 2737660
Data
Simu

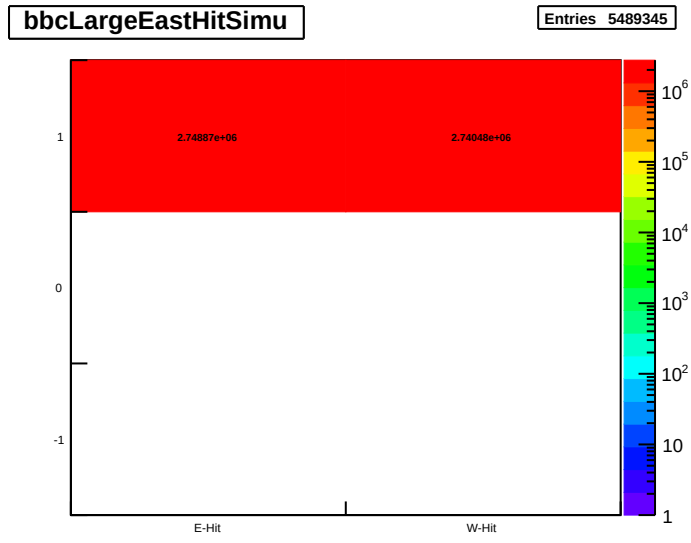

bbcSmallWestAdcSum
Entries4047263

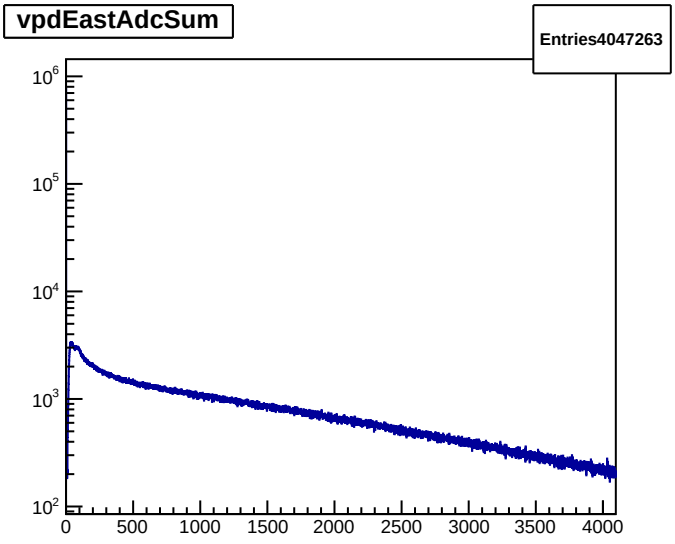

bbcSmallWestAdcSumVsSimu
Entries 2771382
Data
Simu

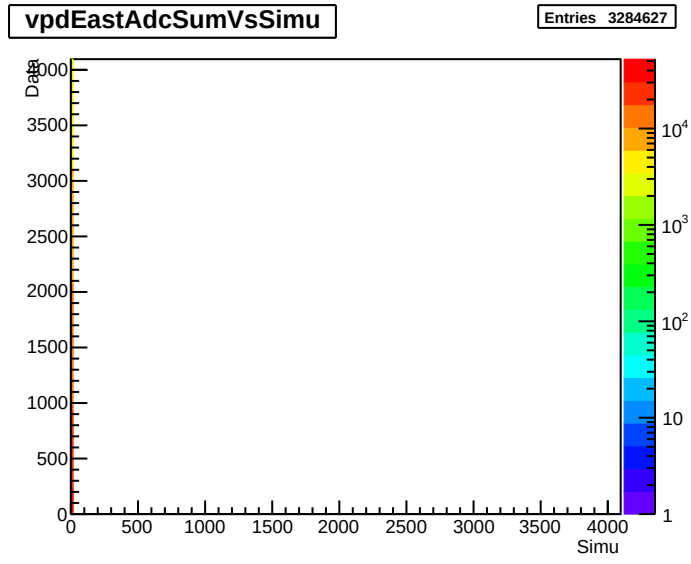

bbcSmallWestTacMax
Entries4047263

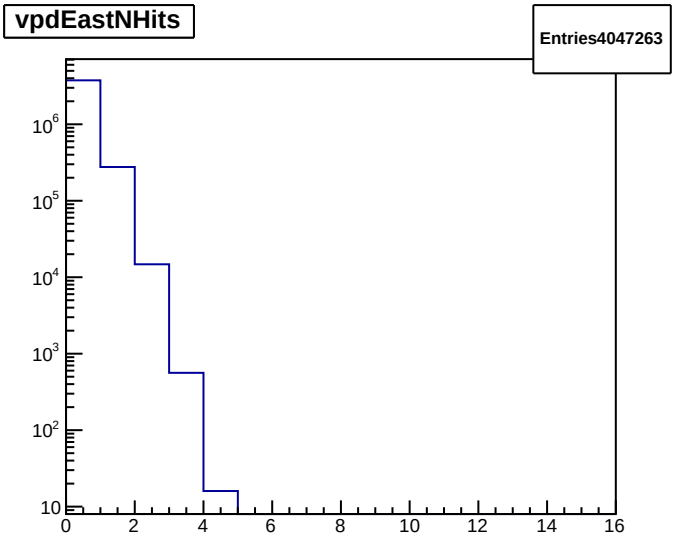

bbcSmallWestTacMaxVsSimu
Entries 2771382
Data
Simu

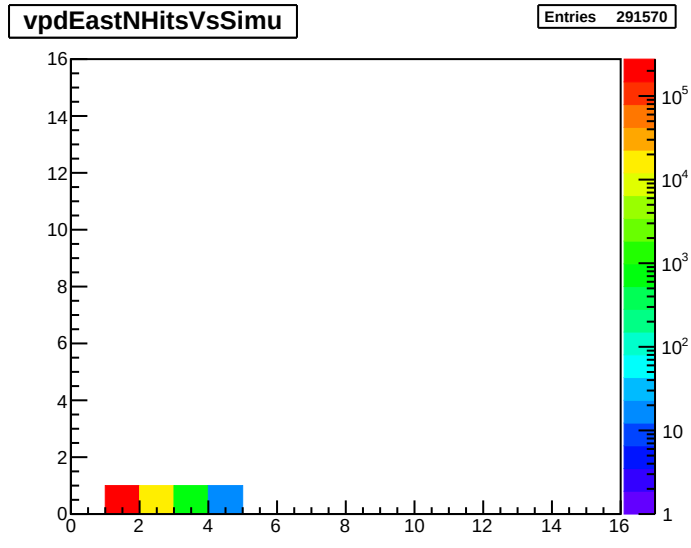

bbcLargeHit
Entries 8094526
1
0
3.78918e+06
3.70341e+06
258086
343851
E-Hit
W-Hit
10^6

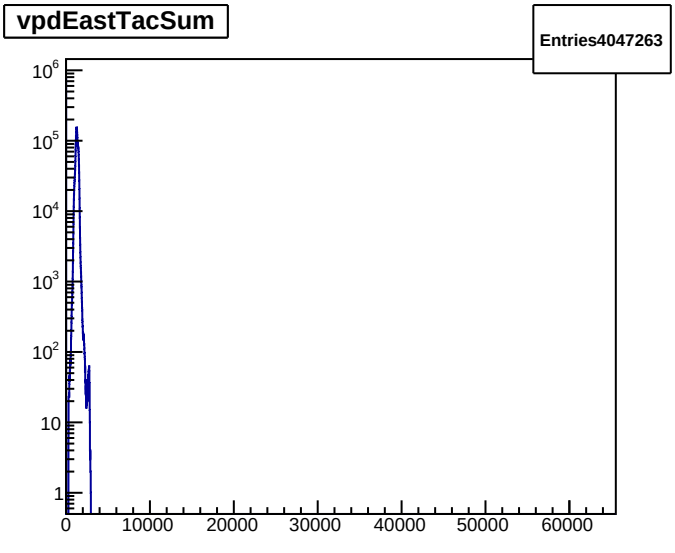

bbcLargeEastHitSimu
Entries 5489345
1
0
-1
2.74887e+06
2.74048e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

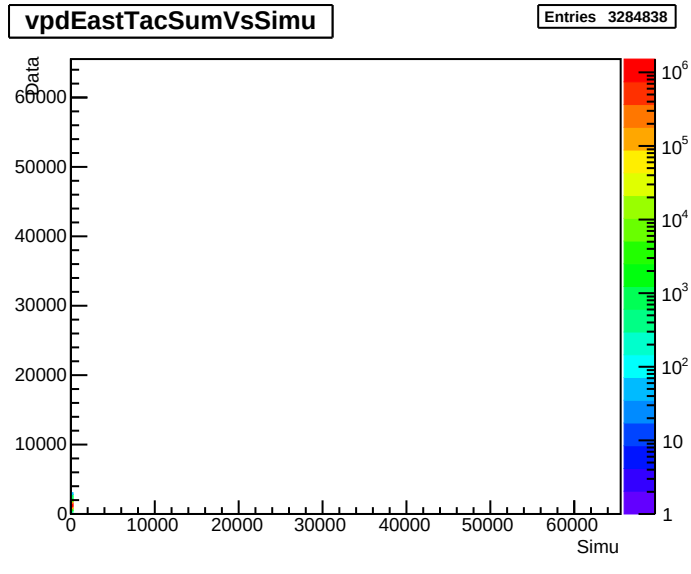

vpdEastAdcSum
Entries4047263

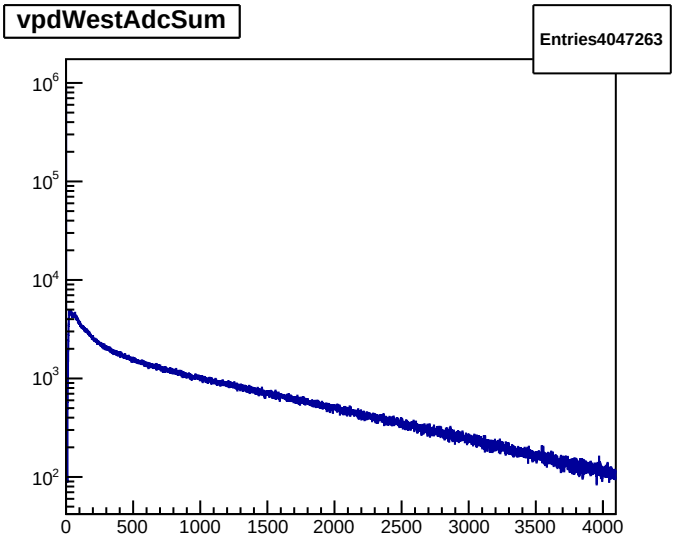

vpdEastAdcSumVsSimu
Entries 3284627
Data
Simu

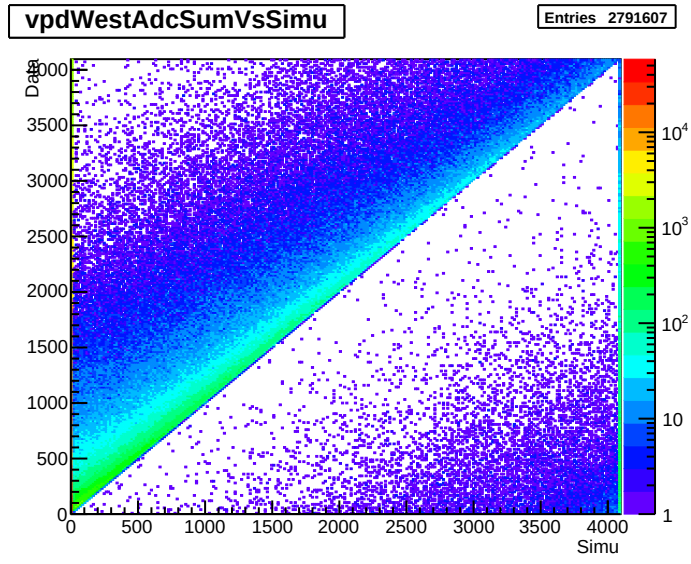

vpdEastNHits
Entries4047263

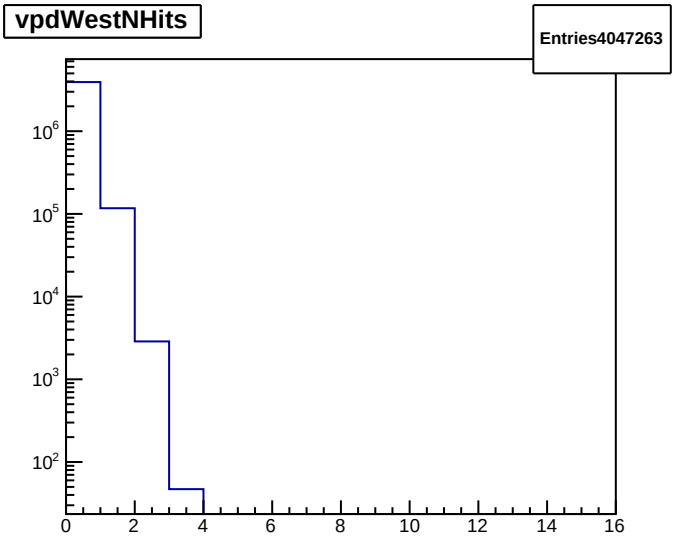

vpdEastNHitsVsSimu
Entries 291570

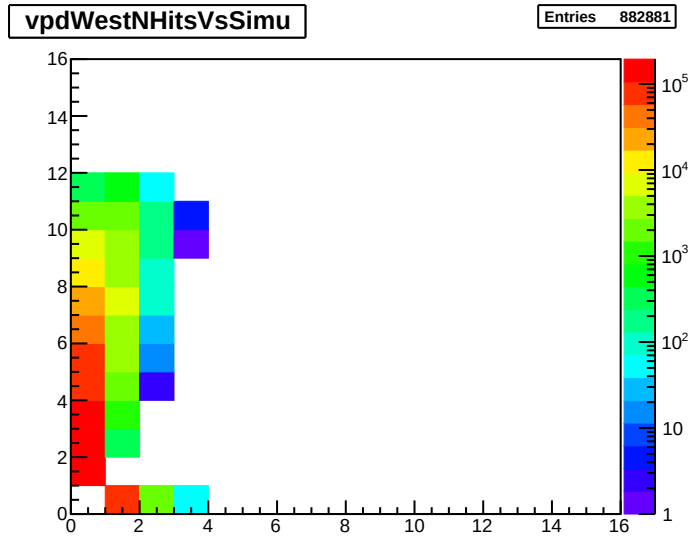

vpdEastTacSum
Entries4047263

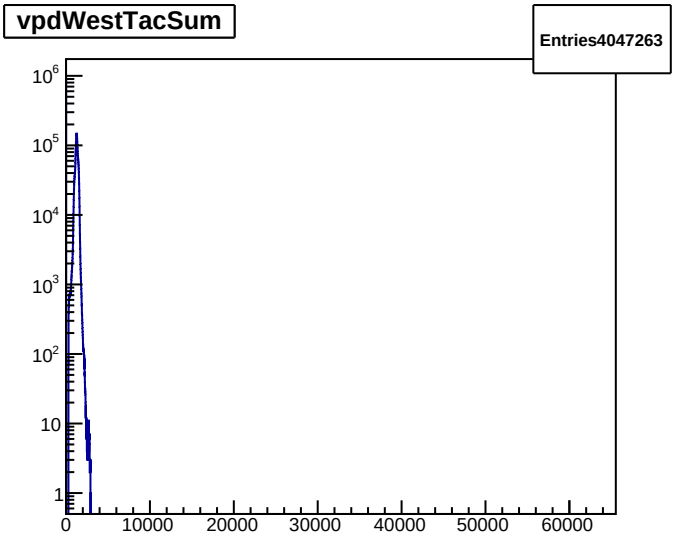

vpdEastTacSumVsSimu
Entries 3284838
Data
Simu

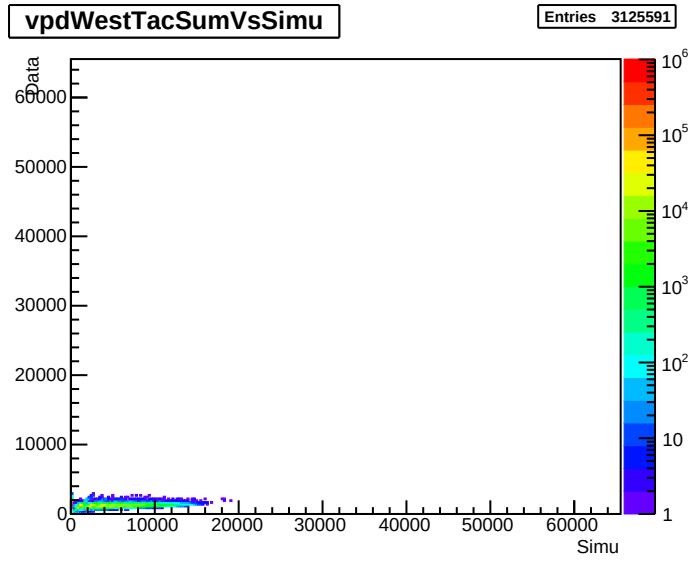

vpdWestAdcSum
Entries4047263

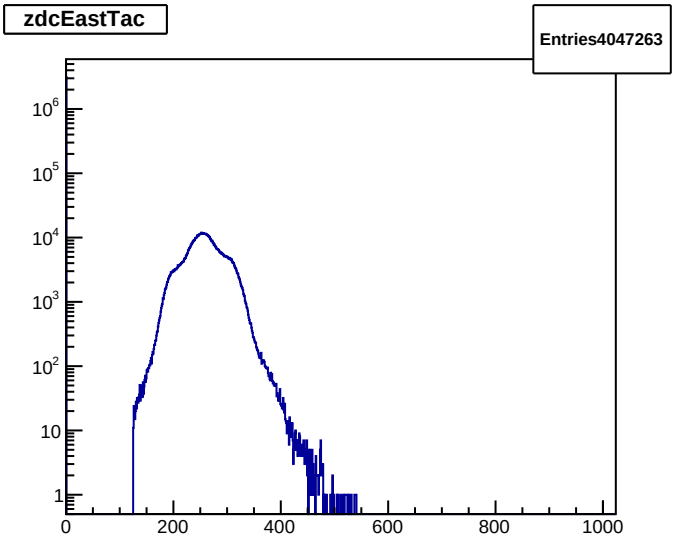

vpdWestAdcSumVsSimu
Entries 2791607
Data
Simu

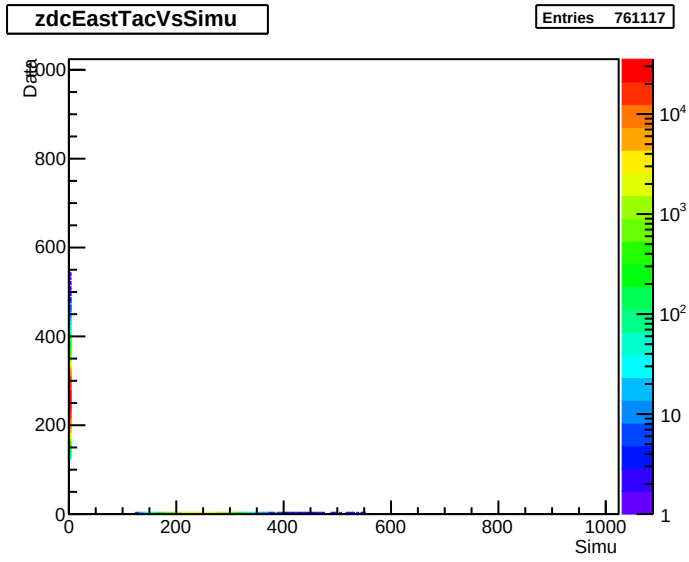

vpdWestNHits
Entries4047263

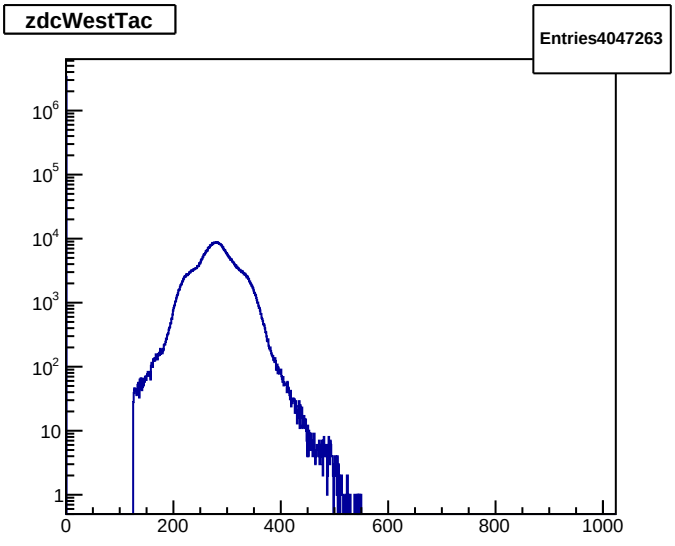

vpdWestNHitsVsSimu
Entries 882881

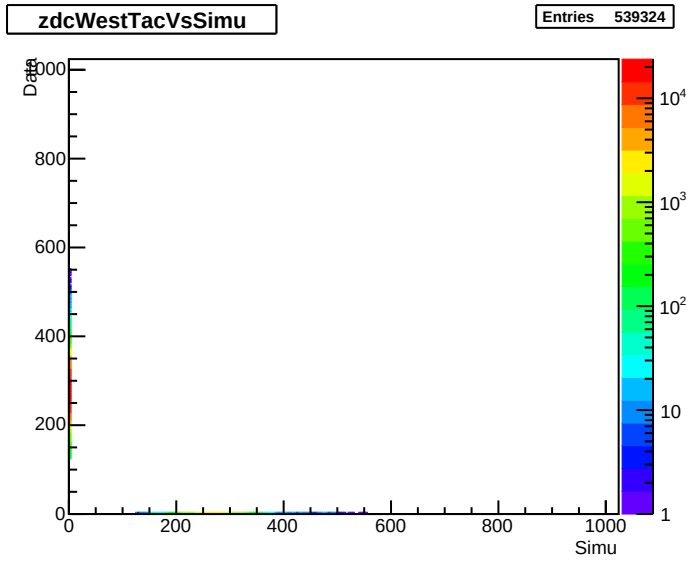

vpdWestTacSum
Entries4047263

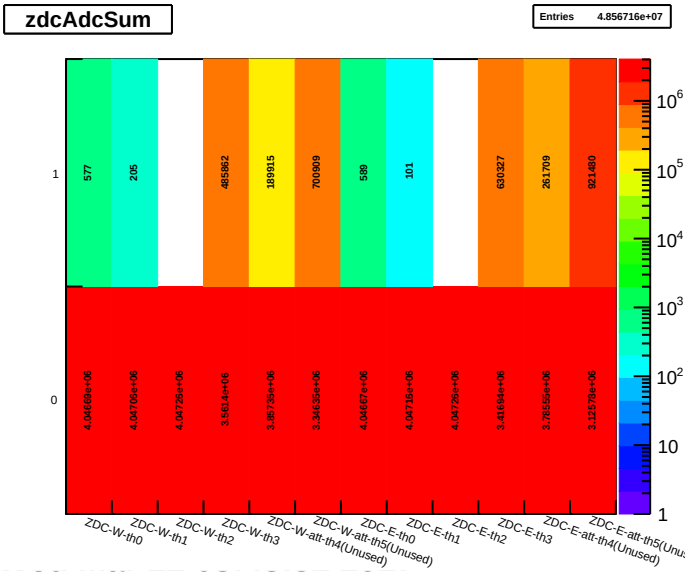

vpdWestTacSumVsSimu
Entries 3125591
Data
Simu

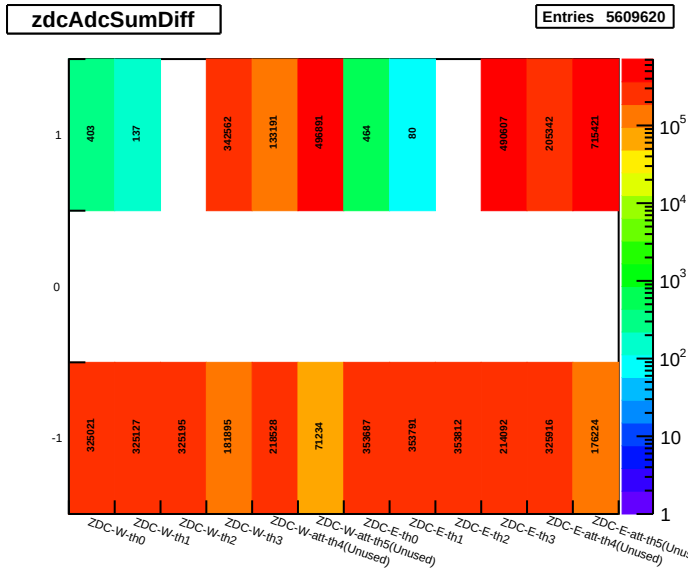

zdcEastTac
Entries4047263

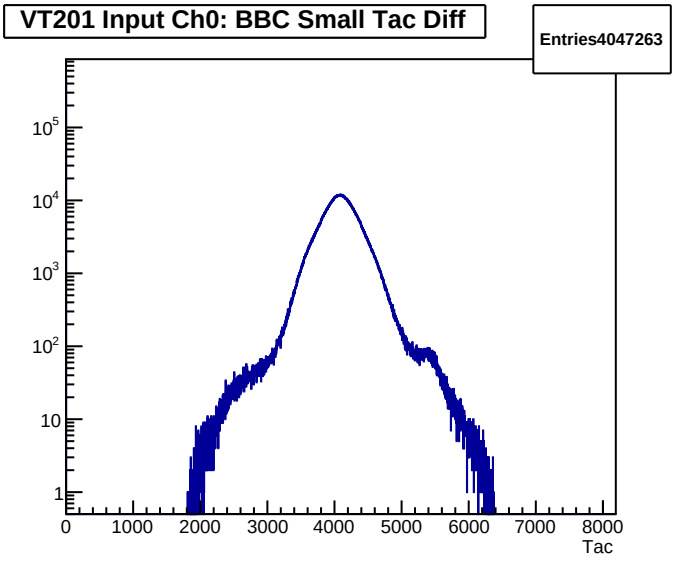

zdcEastTacVsSimu
Entries 761117
Data
Simu

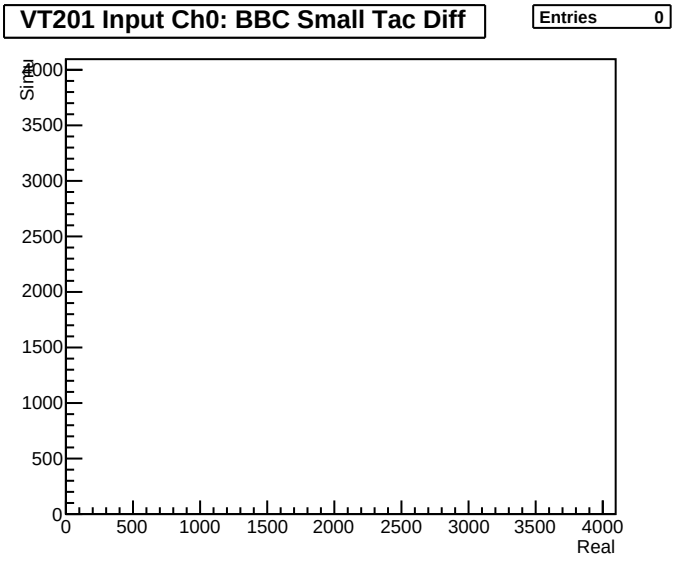

zdcWestTac
Entries4047263

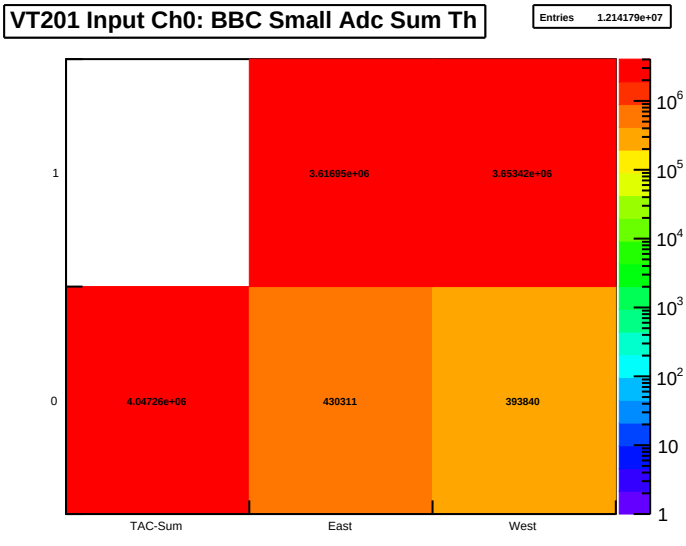

zdcWestTacVsSimu
Entries 539324
Data
Simu

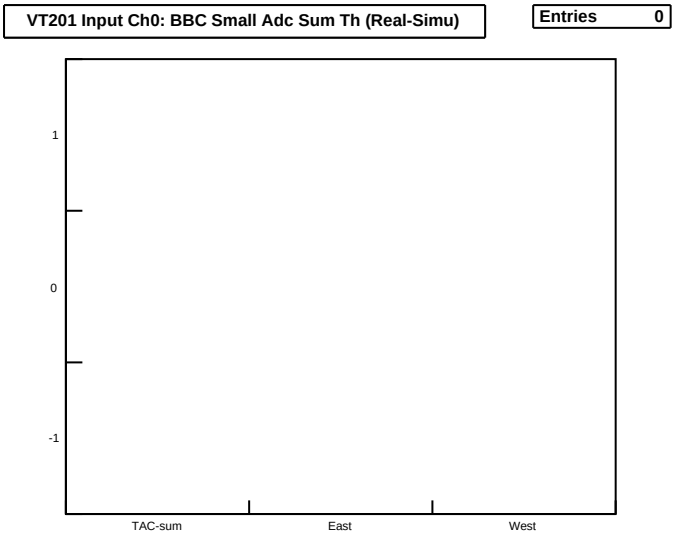

zdcAdcSum
Entries 4.856716e+07
577
205
485862
189915
700909
589
101
630327
261709
921480
4.04668e+06
4.04706e+06
4.04726e+06
3.56144e+06
3.85735e+06
3.34635e+06
4.04667e+06
4.04716e+06
4.04726e+06
3.41694e+06
3.78555e+06
3.12578e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

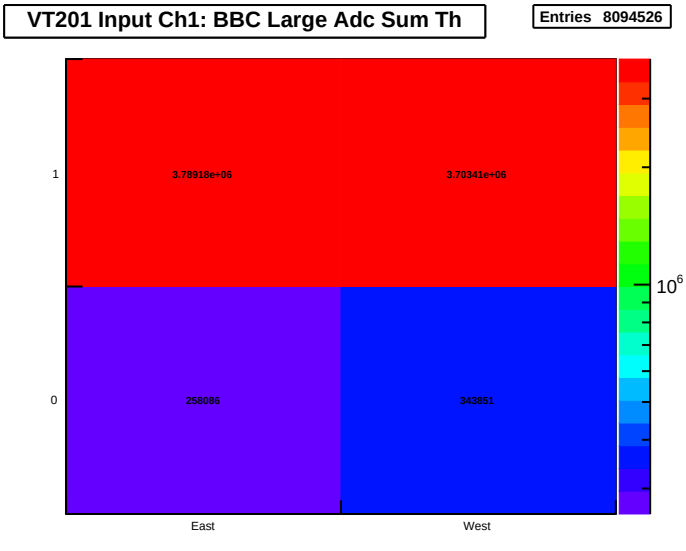

zdcAdcSumDiff
Entries 5609620
403
137
342562
133191
496891
464
80
490607
205342
715421
325021
325127
325195
181895
218528
71234
353687
353791
353812
214092
325916
176224
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

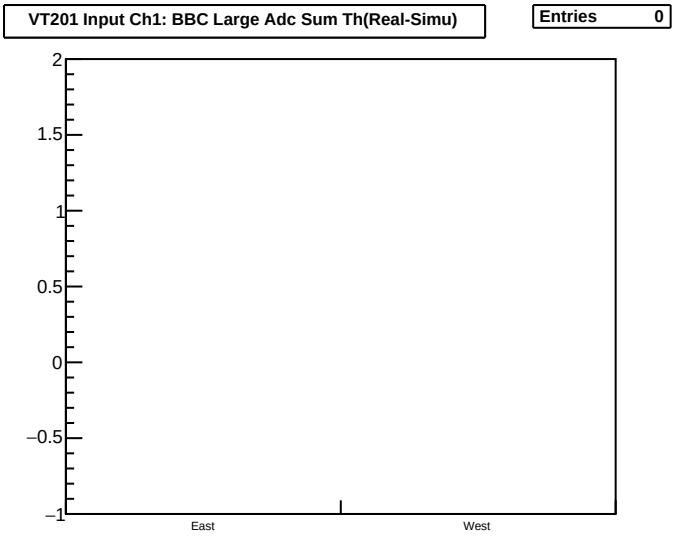

VT201 Input Ch0: BBC Small Tac Diff
Entries4047263
Tac


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

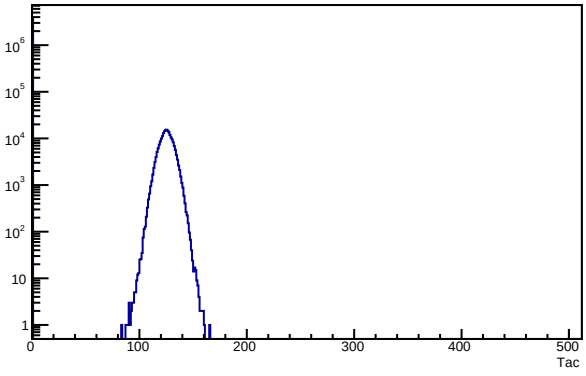

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.214179e+07
3.61695e+06
3.65342e+06
4.04726e+06
430311
393840
TAC-Sum
East
West


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

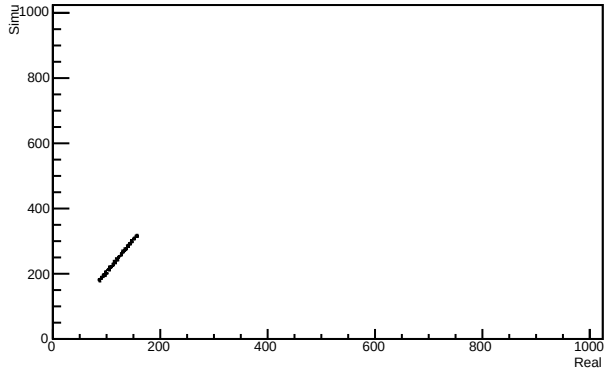

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 8094526
3.78918e+06
3.70341e+06
258086
343851
East
West


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

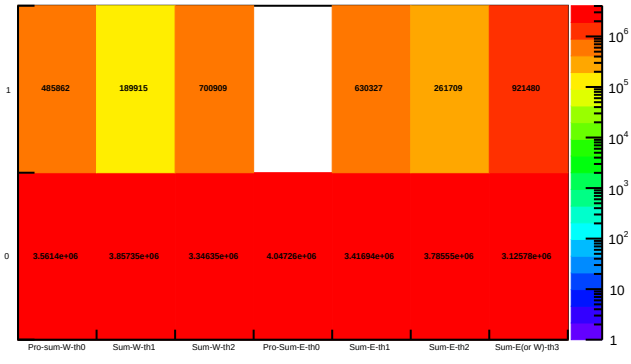
VT201 Input Ch2: ZDC Tac Diff



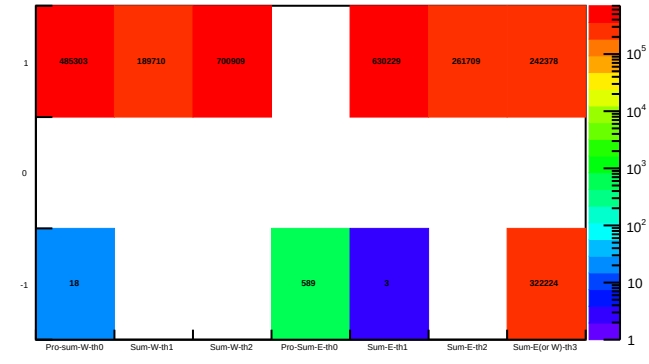
VT201 Input Ch2: ZDC Tac Diff



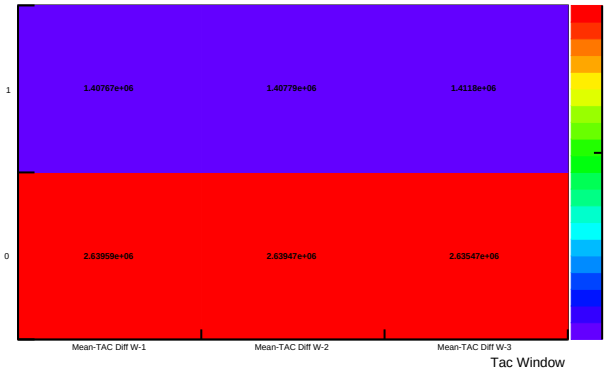
VT201 Input Ch2: ZDC Adc Sum Th



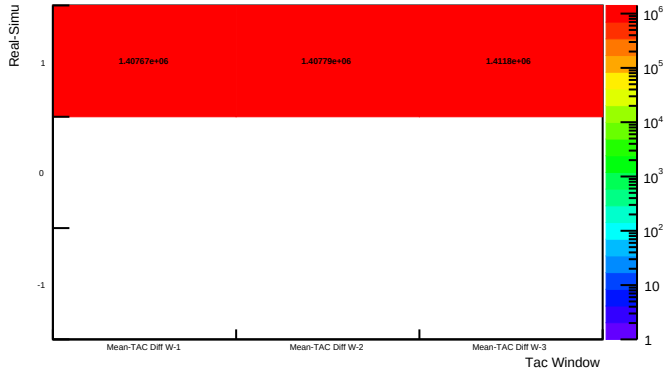
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



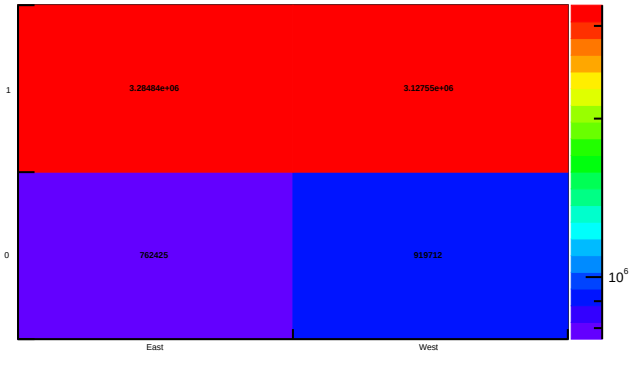
VT201 Input Ch4: VPD Tac Diff



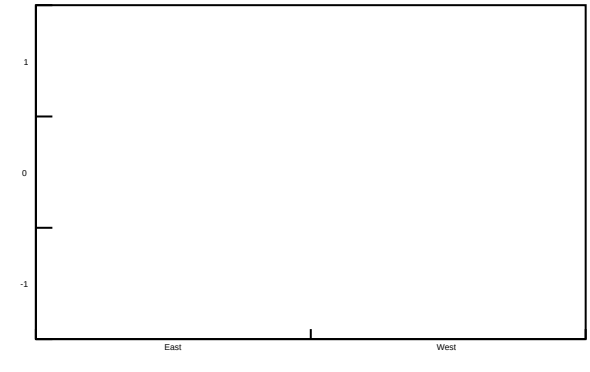
VT201 Input Ch4: VPD Tac Diff

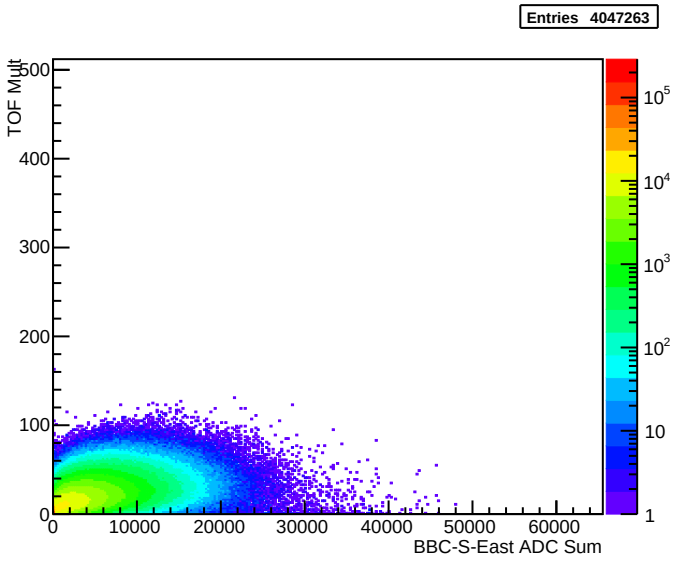


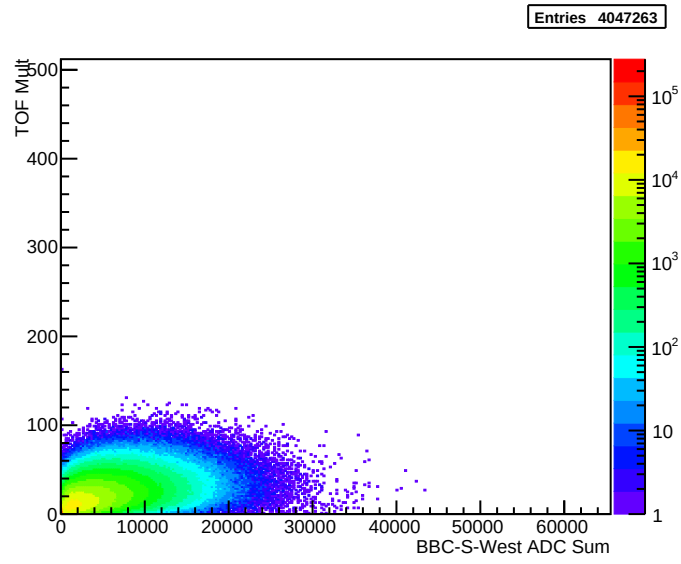
VT201 Input Ch4: VPD Adc Sum Th

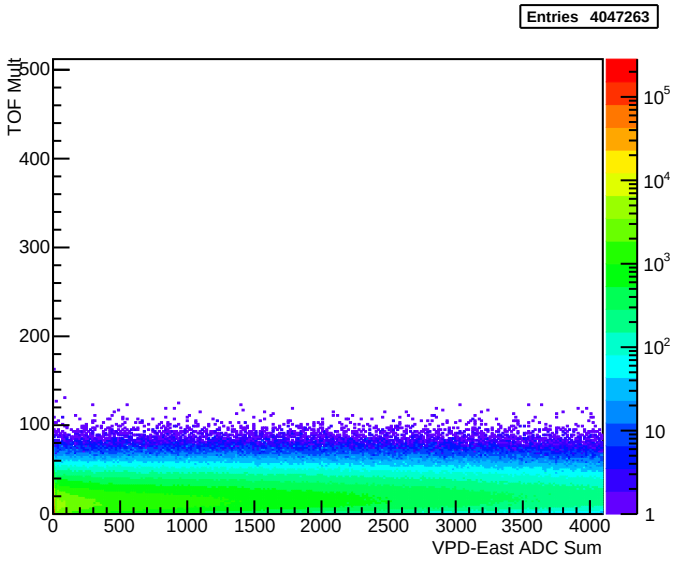


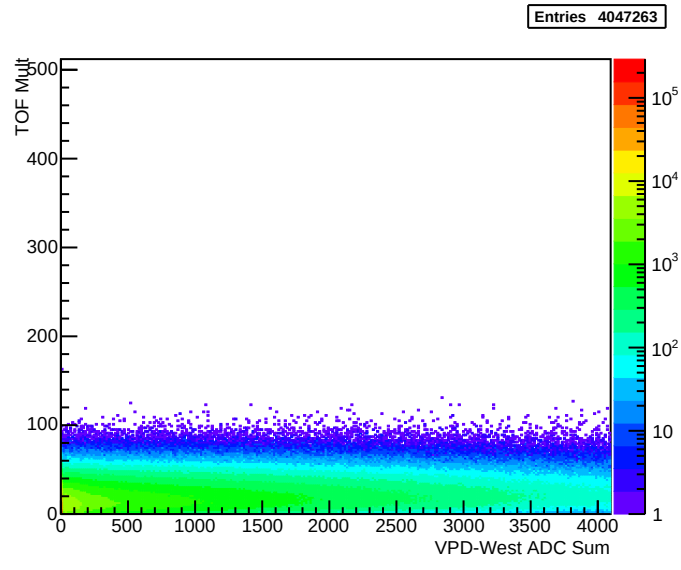
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

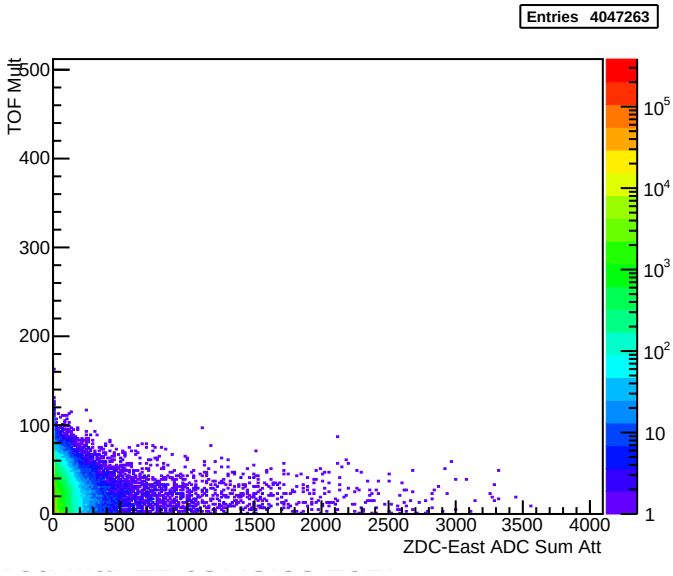


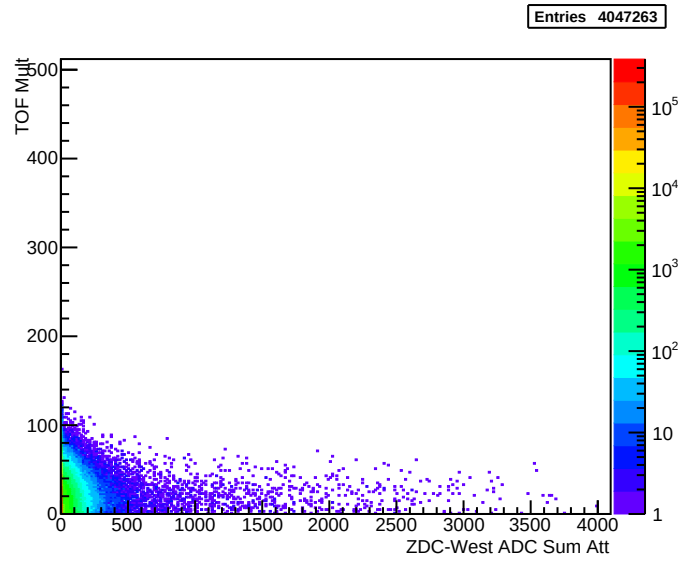

Entries 4047263
TOF Mult
BBC-S-East ADC Sum

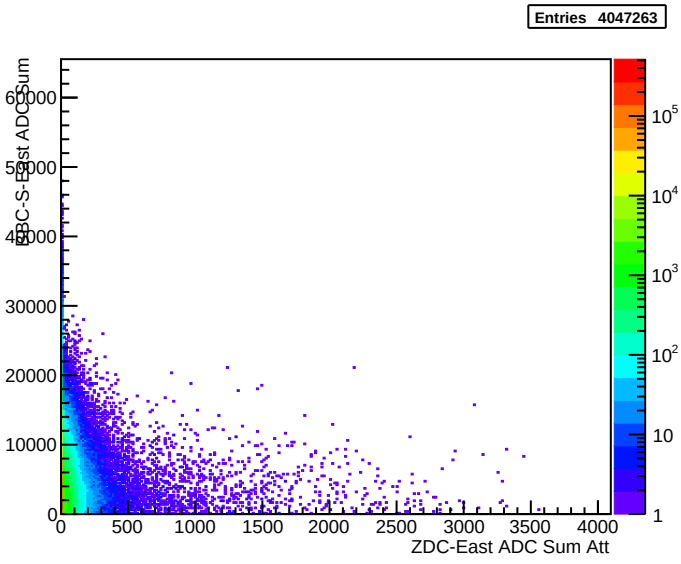

Entries 4047263
TOF Mult
BBC-S-West ADC Sum

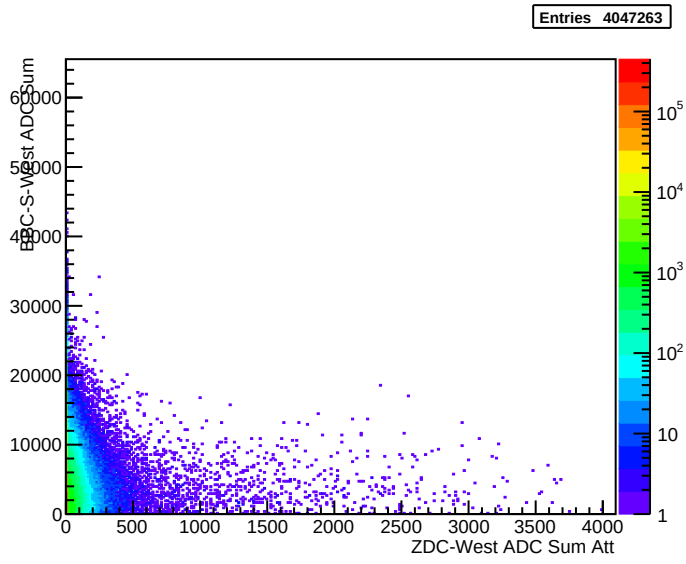

Entries 4047263
TOF Mult
VPD-East ADC Sum

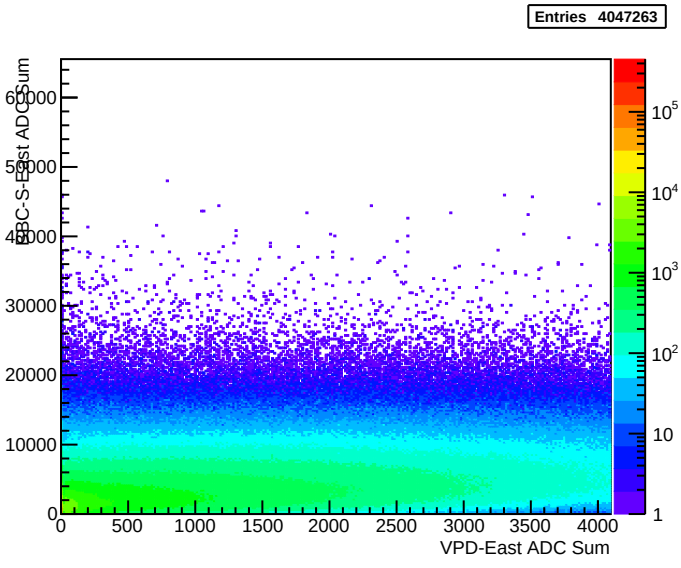

Entries 4047263
TOF Mult
VPD-West ADC Sum

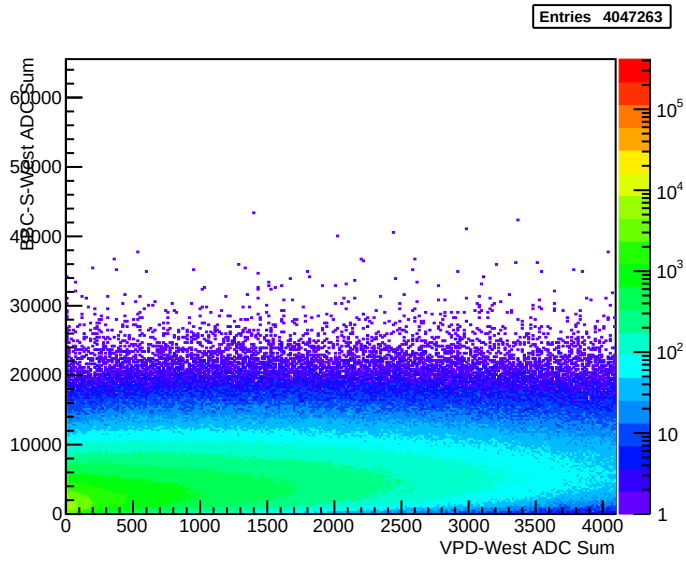

Entries 4047263
TOF Mult
ZDC-East ADC Sum Att

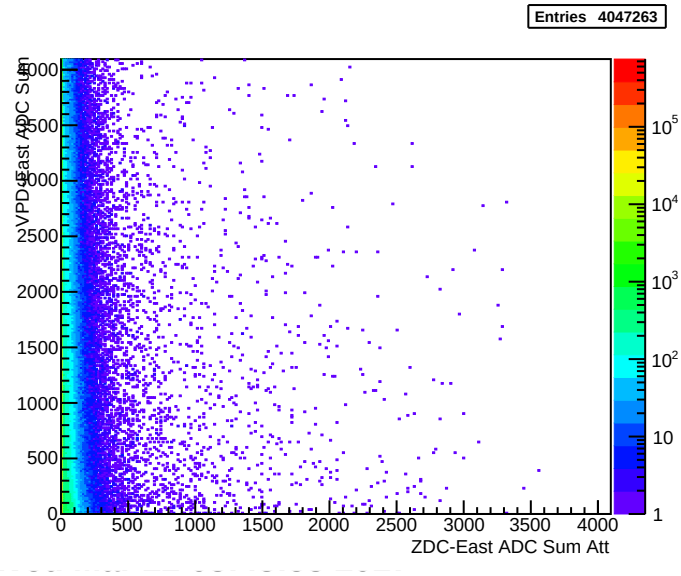

Entries 4047263
TOF Mult
ZDC-West ADC Sum Att

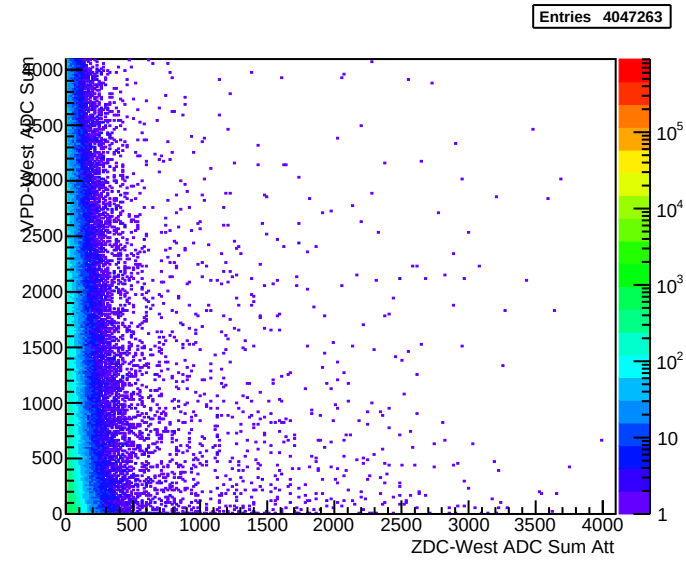

Entries 4047263
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

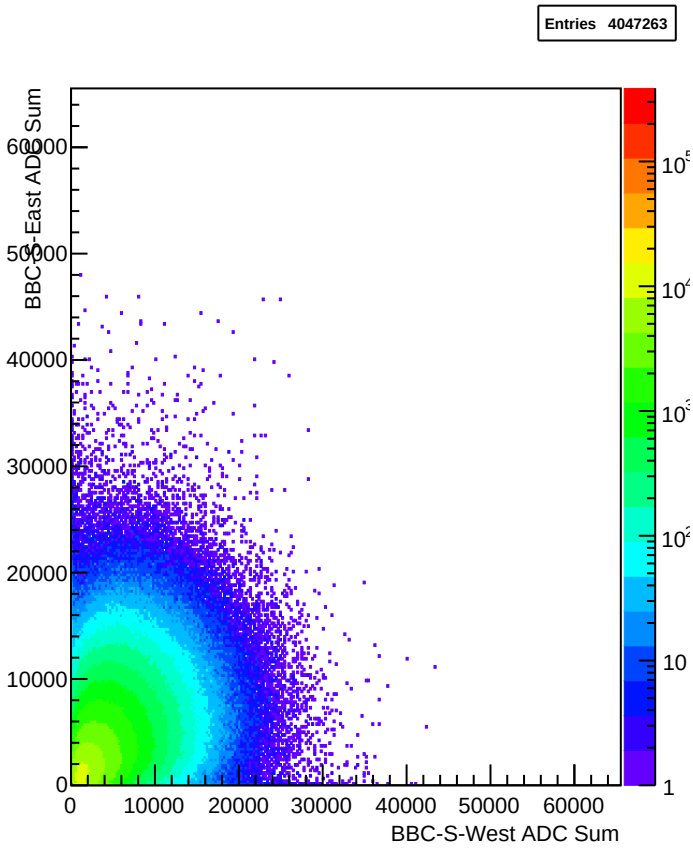

Entries 4047263
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

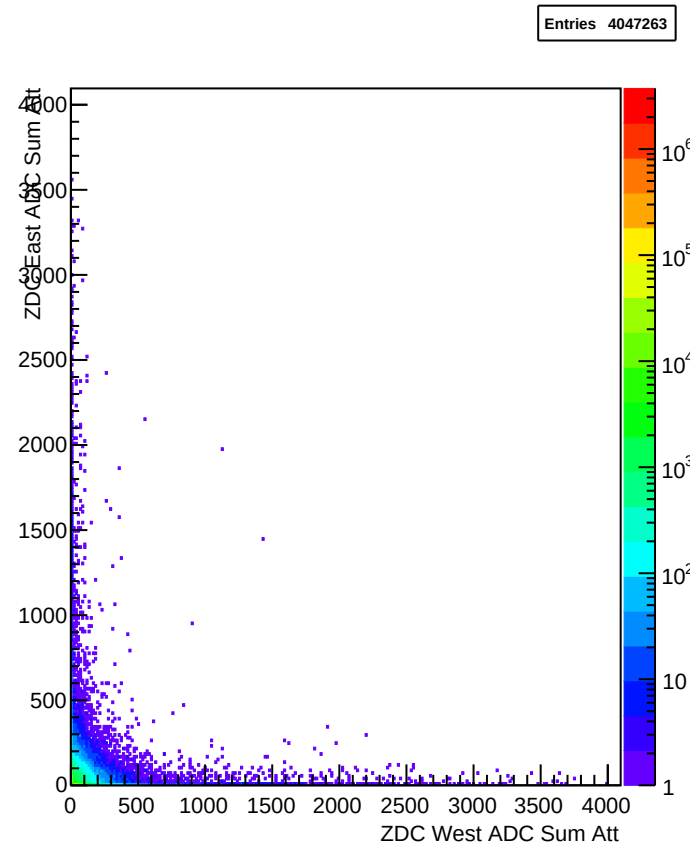

Entries 4047263
BBC-S-East ADC Sum
VPD-East ADC Sum

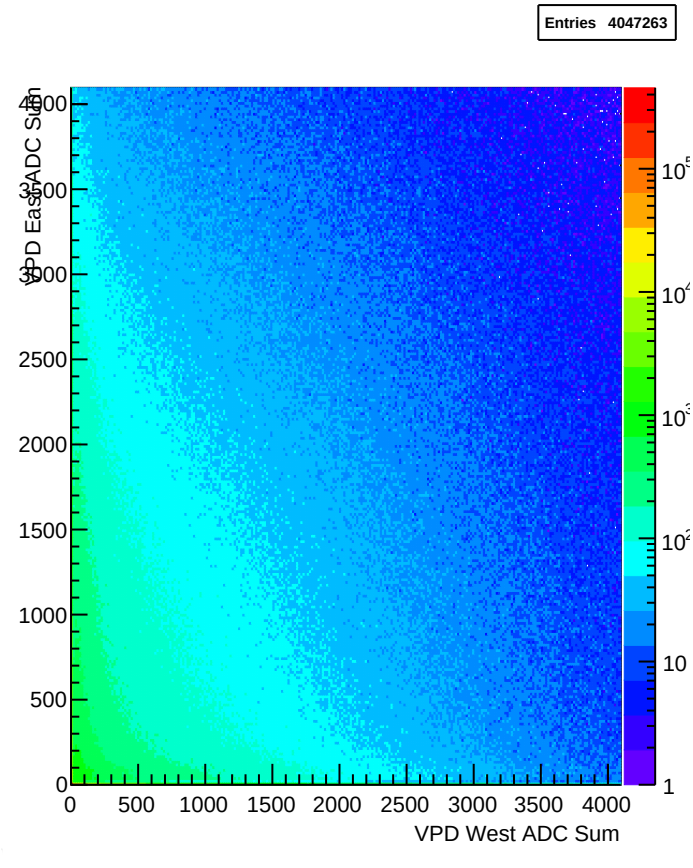

Entries 4047263
BBC-S-West ADC Sum
VPD-West ADC Sum

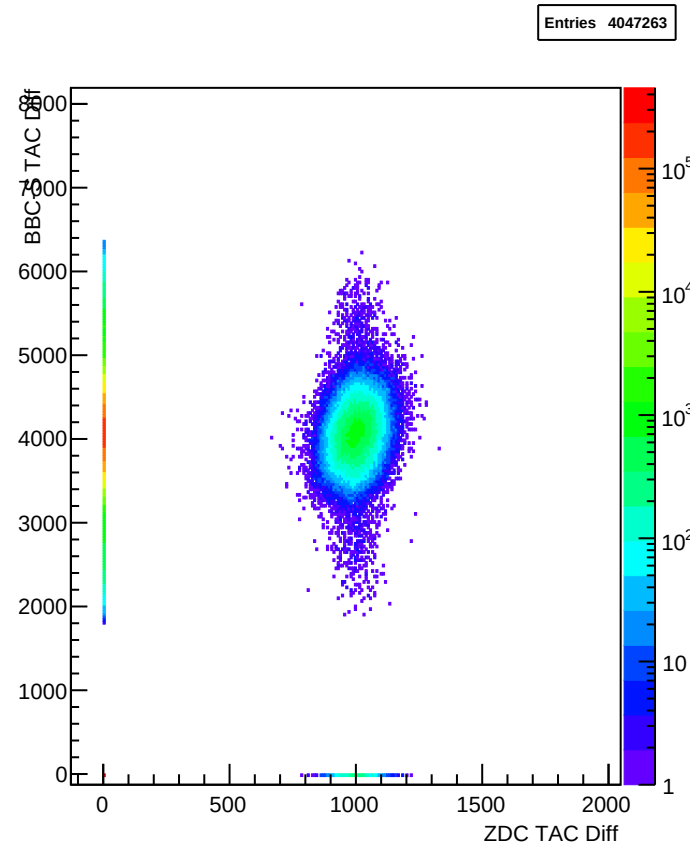

Entries 4047263
VPD-East ADC Sum
ZDC-East ADC Sum Att

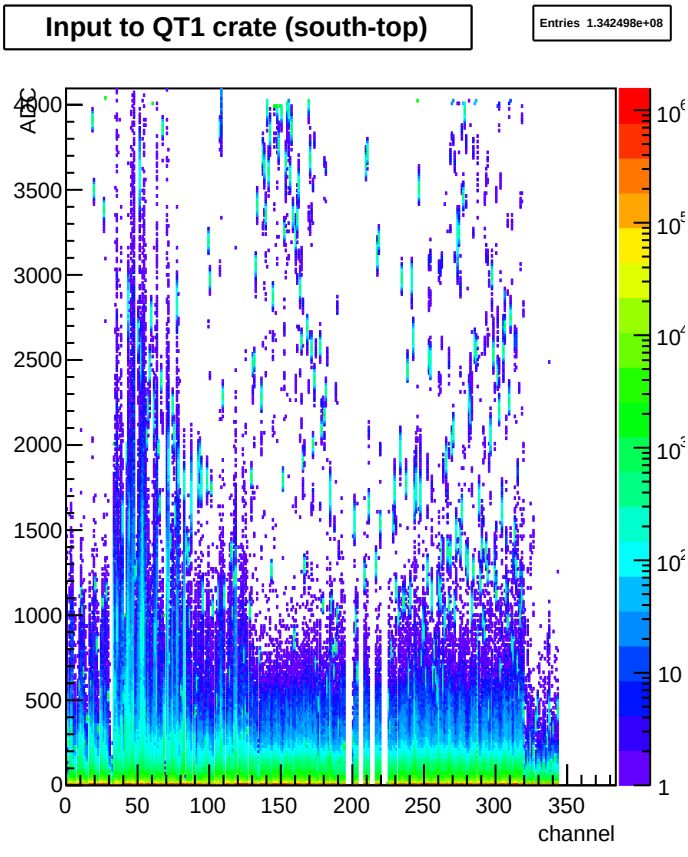

Entries 4047263
VPD-West ADC Sum
ZDC-West ADC Sum Att

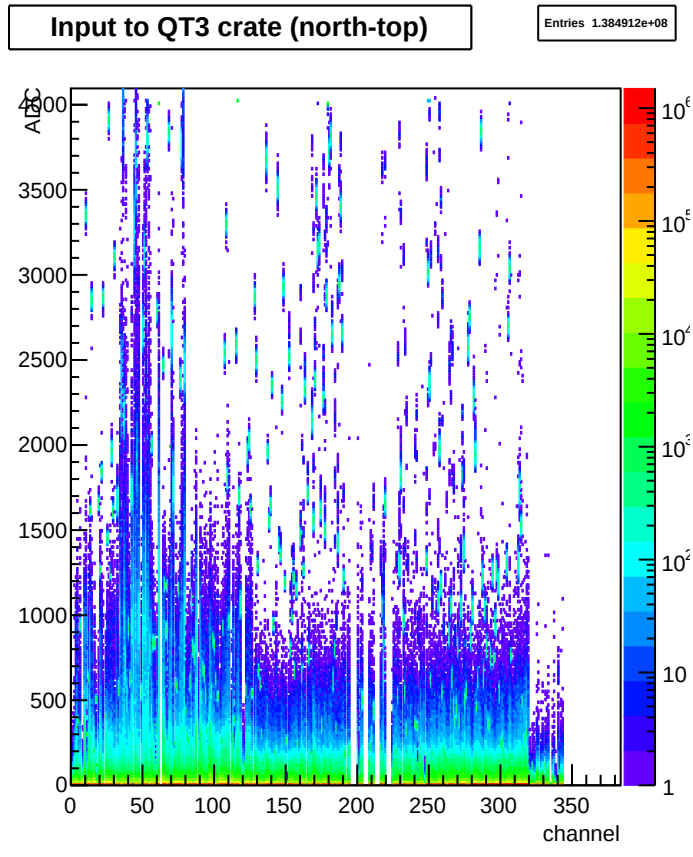

Entries 4047263
BBC-S-East ADC Sum
BBC-S-West ADC Sum

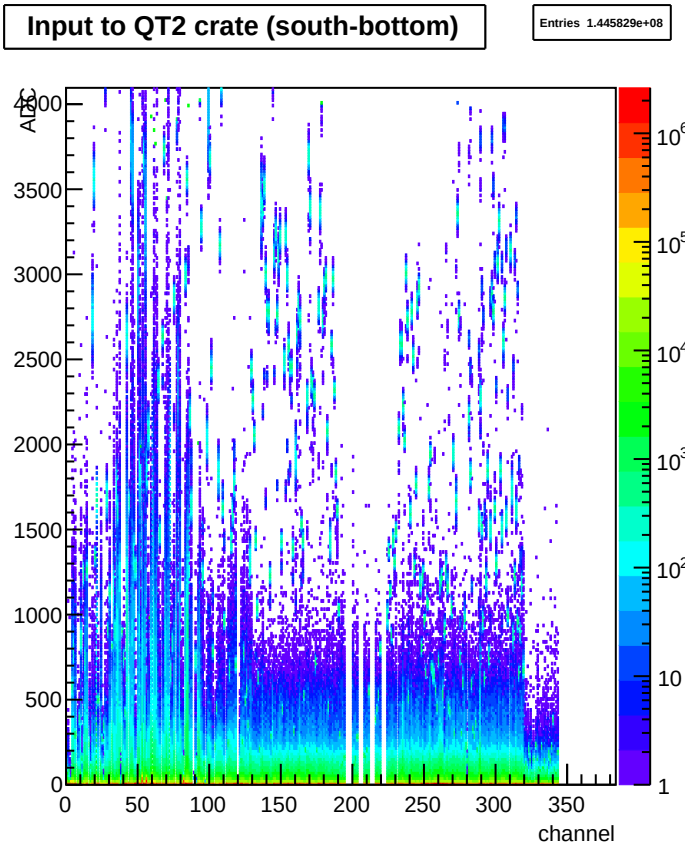

Entries 4047263
ZDC East ADC Sum Att
ZDC West ADC Sum Att

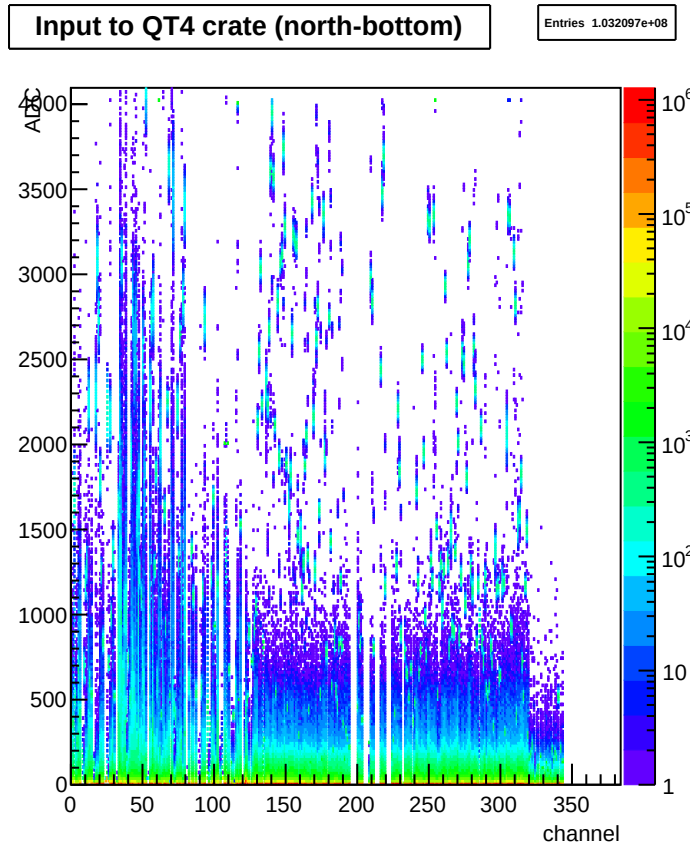

Entries 4047263
VPD East ADC Sum
VPD West ADC Sum

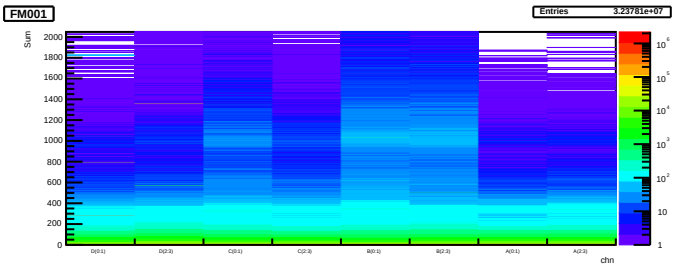

Entries 4047263
BBC-S TAC Diff
ZDC TAC Diff

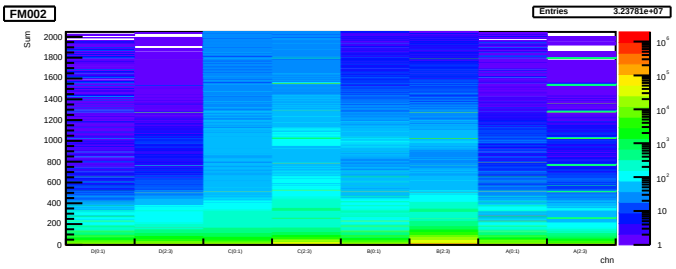

Input to QT1 crate (south-top)
Entries 1.342498e+08
ADC
channel

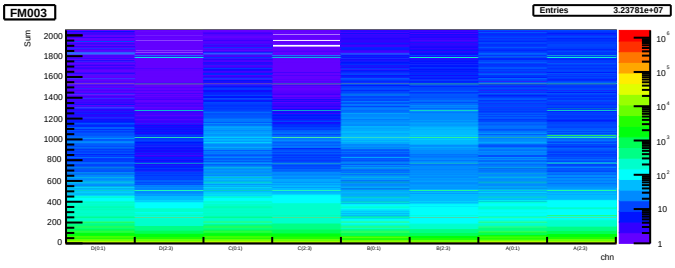

Input to QT3 crate (north-top)
Entries 1.384912e+08
ADC
channel

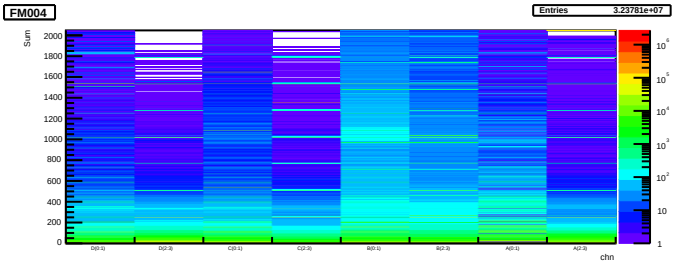

Input to QT2 crate (south-bottom)
Entries 1.445829e+08
ADC
channel

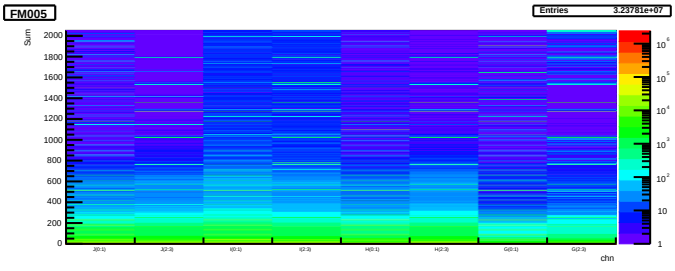

Input to QT4 crate (north-bottom)
Entries 1.032097e+08
ADC
channel

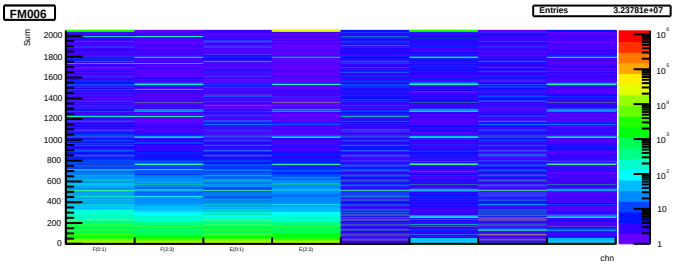

FM001
Entries 3.23781e+07
Sum
chn

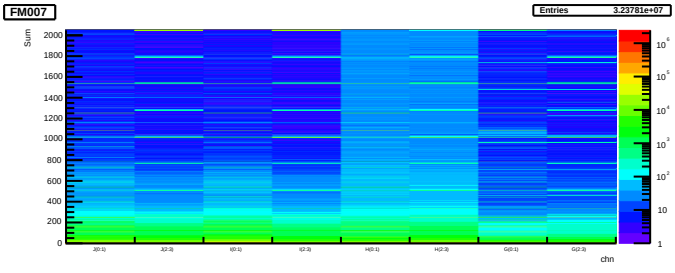

FM002
Entries 3.23781e+07
Sum
chn


FM003
Entries 3.23781e+07
Sum
chn


FM004
Entries 3.23781e+07
Sum
chn


FM005
Entries 3.23781e+07
Sum
chn


FM006
Entries 3.23781e+07
Sum
chn


FM007
Entries 3.23781e+07
Sum
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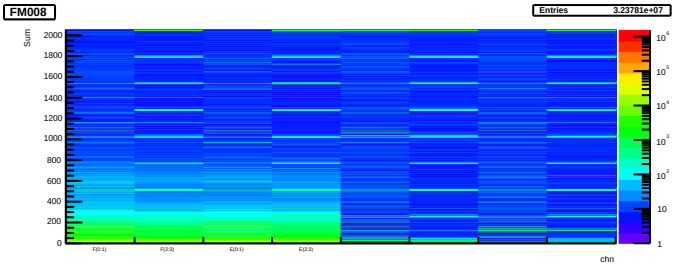
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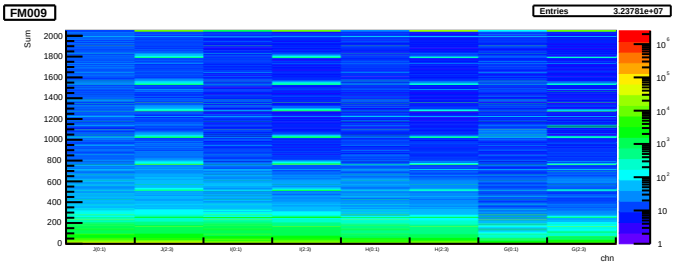
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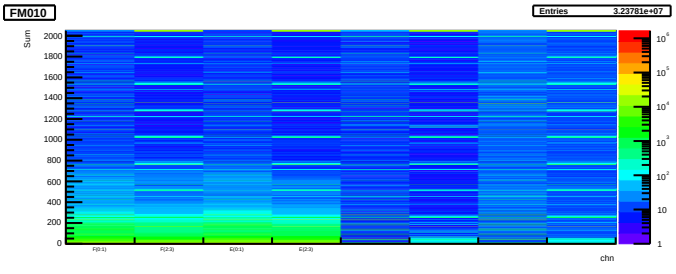
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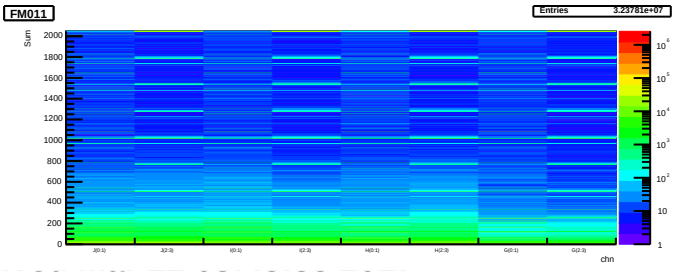
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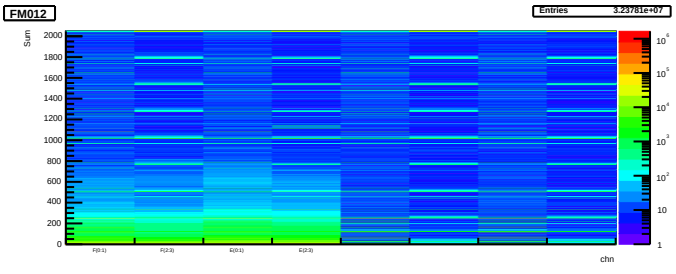
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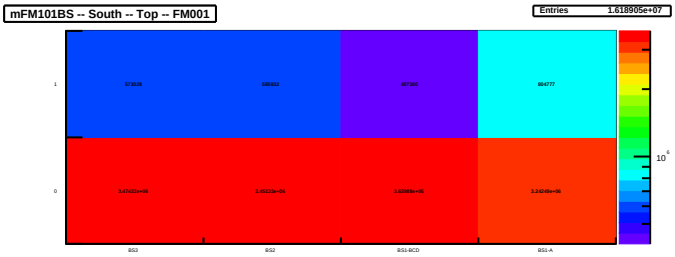
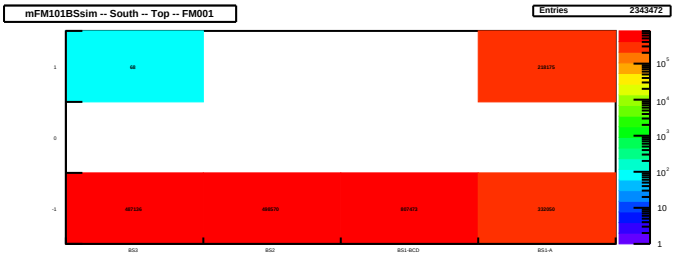

mFM101BS -- South -- Top -- FM001
Entries 1.618905e+07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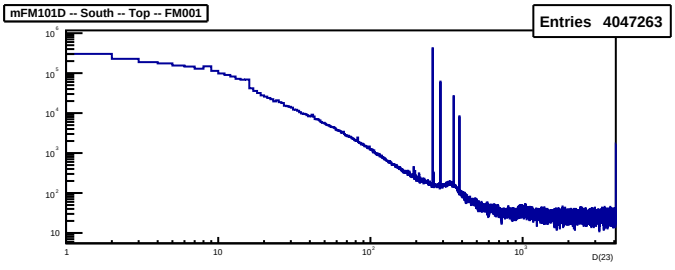
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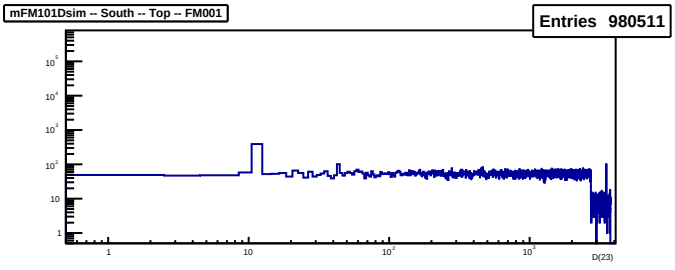
Entries 4047263
D(23)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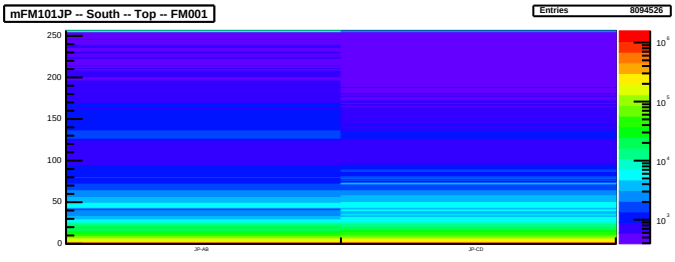
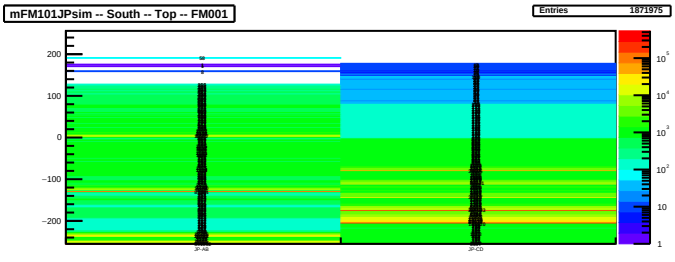
D(23)


mFM101JP -- South -- Top -- FM001
Entries 8094526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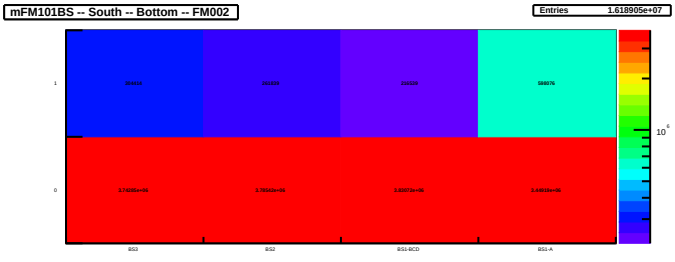
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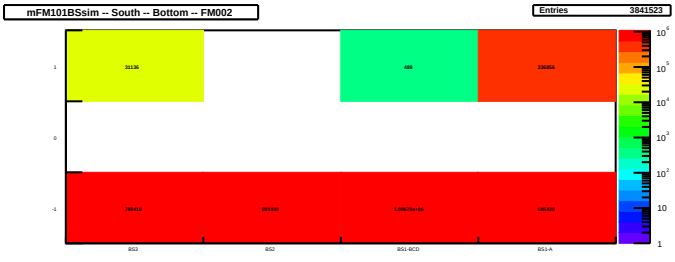
Entries 1.618905e+07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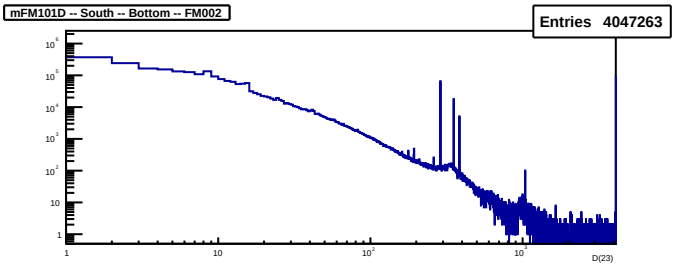
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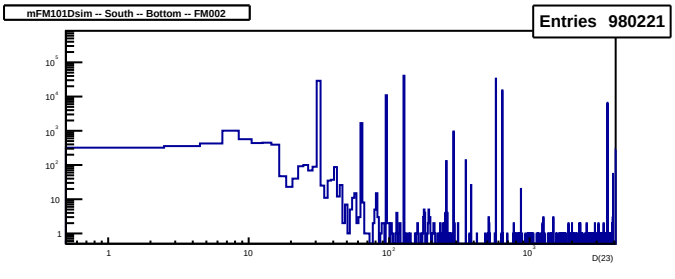
Entries 4047263
D(23)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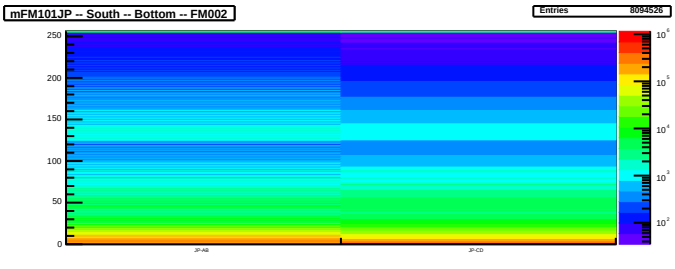
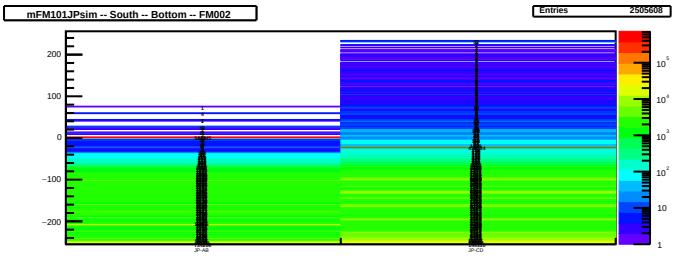

mFM101JP -- South -- Bottom -- FM002
Entries 8094526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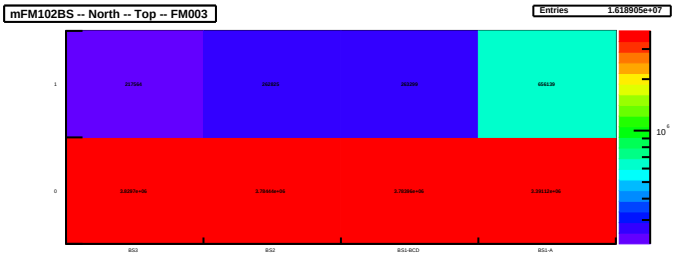
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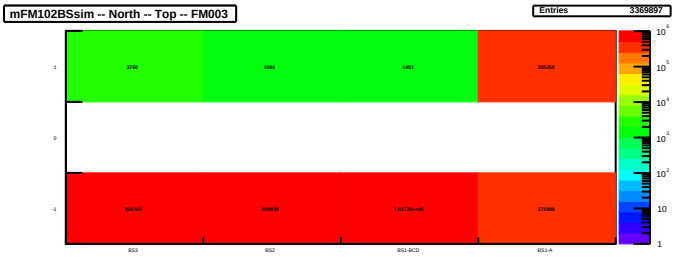
Entries 1.618905e+07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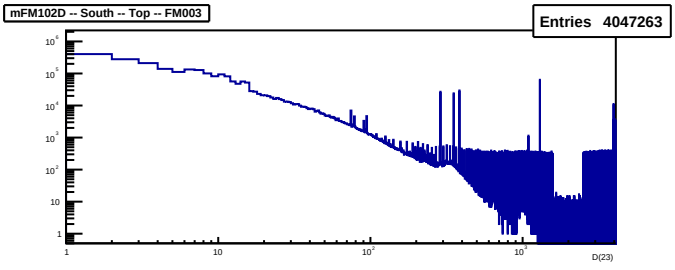
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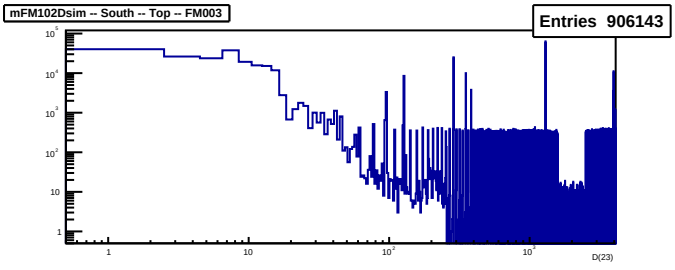
Entries 4047263
D(23)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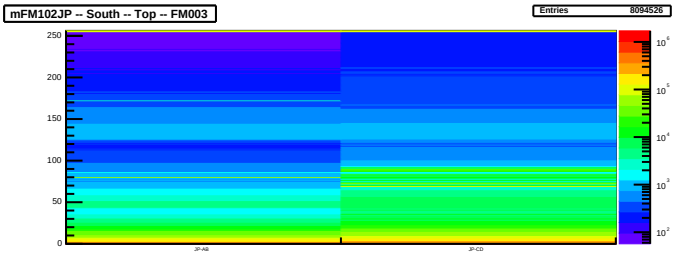
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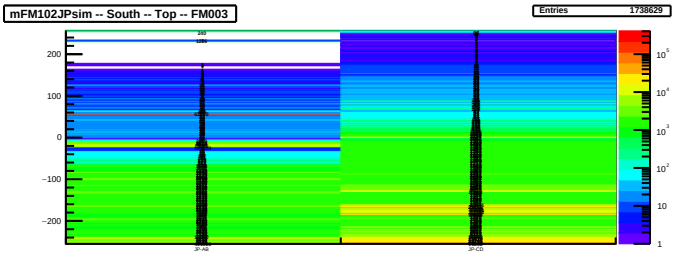
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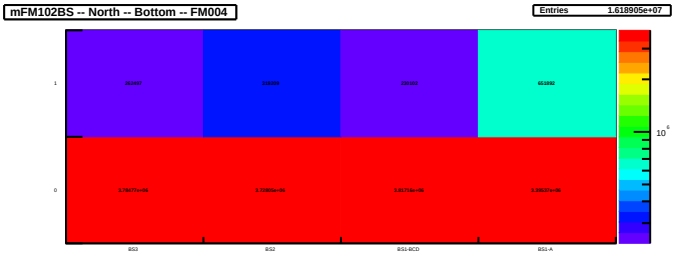
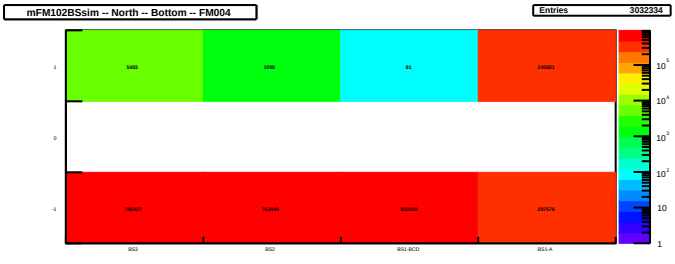

mFM102BS -- North -- Bottom -- FM004
Entries 1.618905e+07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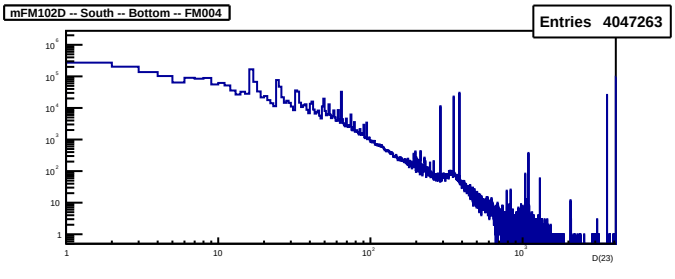
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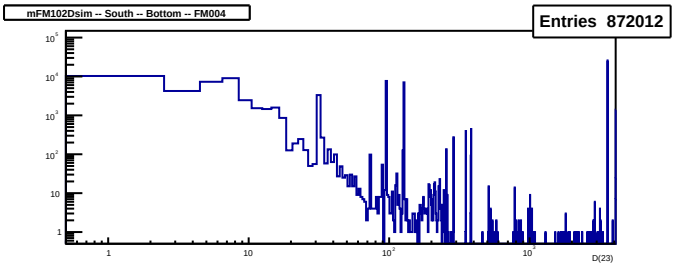
Entries 4047263
D(23)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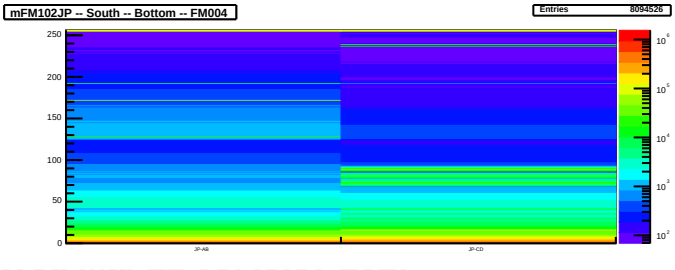
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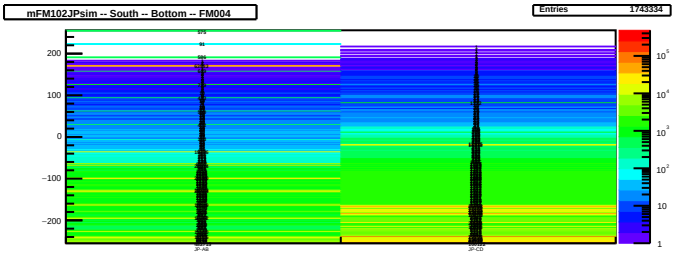
Entries 8094526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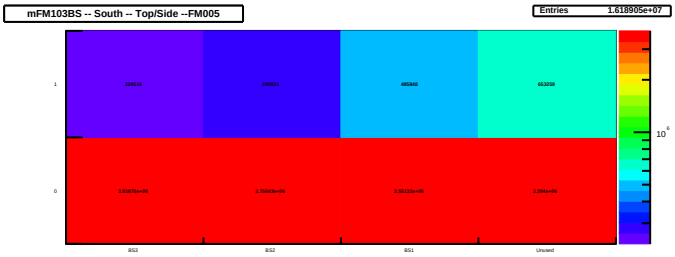
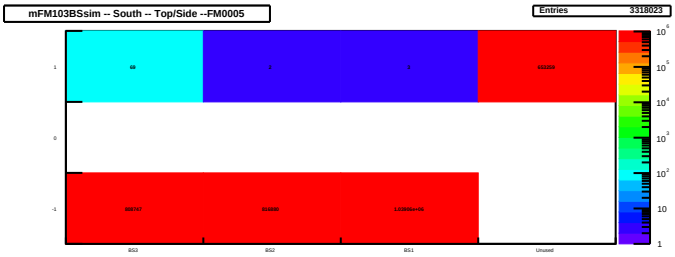

mFM103BS -- South -- Top/Side --FM005
Entries 1.618905e+07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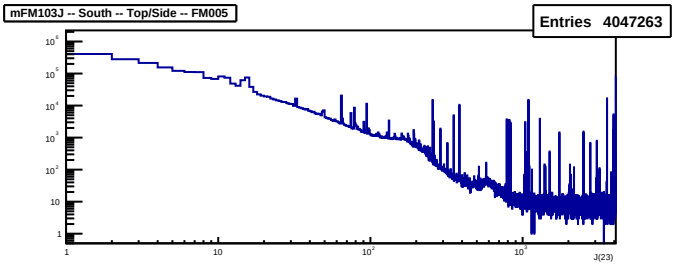
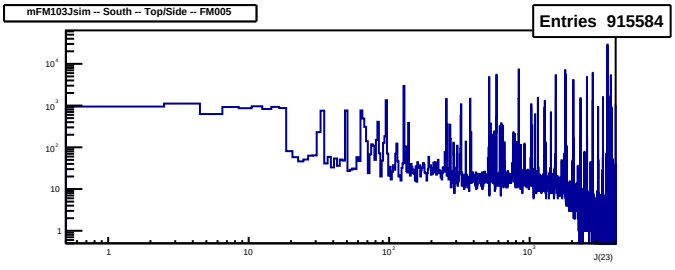

mFM103J -- South -- Top/Side -- FM005
Entries 4047263
J(23)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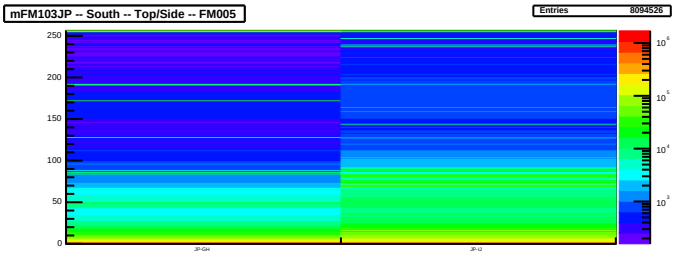
J(23)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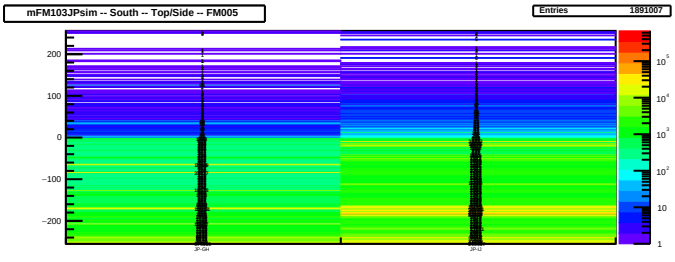
Entries 8094526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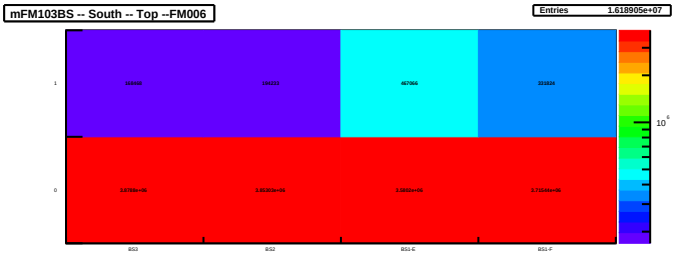
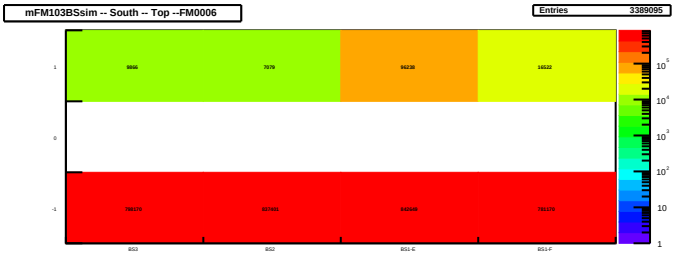

mFM103BS -- South -- Top --FM006
Entries 1.618905e+07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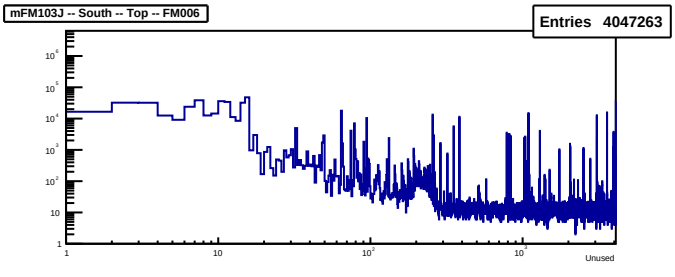
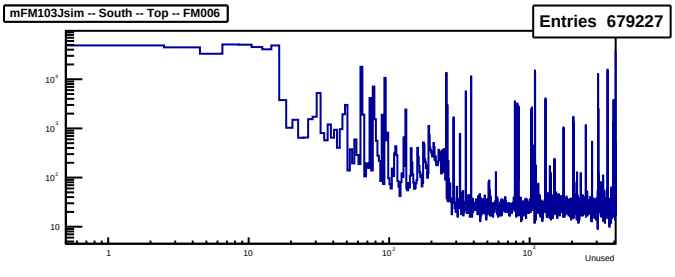

mFM103J -- South -- Top -- FM006
Entries 4047263
Unused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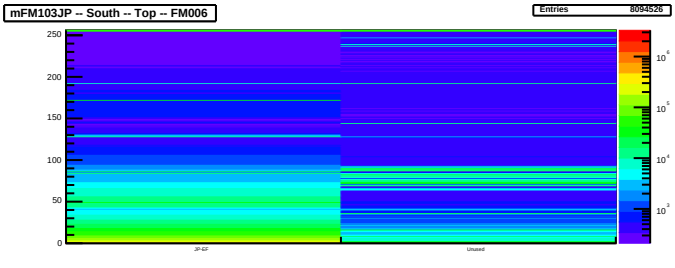
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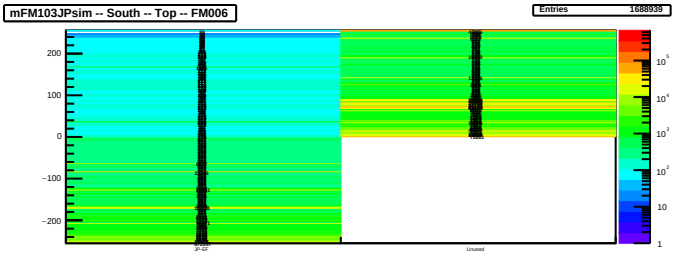
Entries 8094526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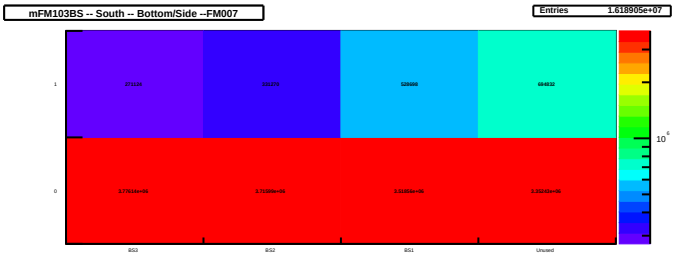
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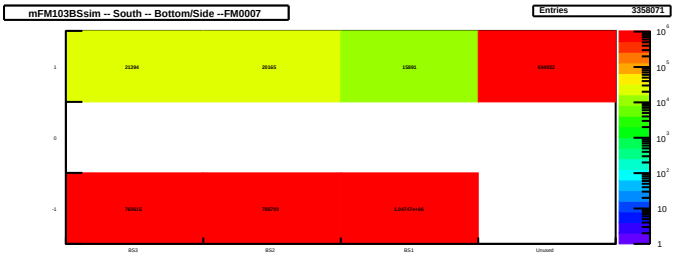
Entries 1.618905e+07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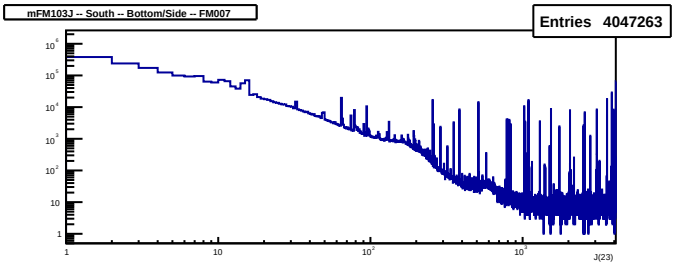
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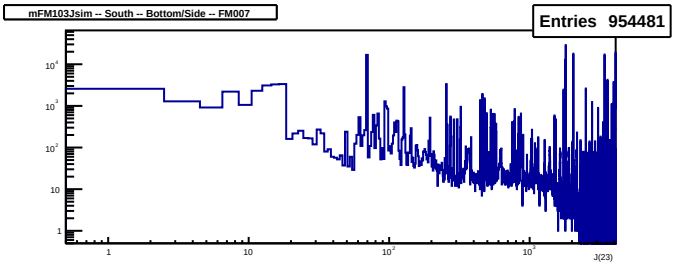
Entries 4047263
J(23)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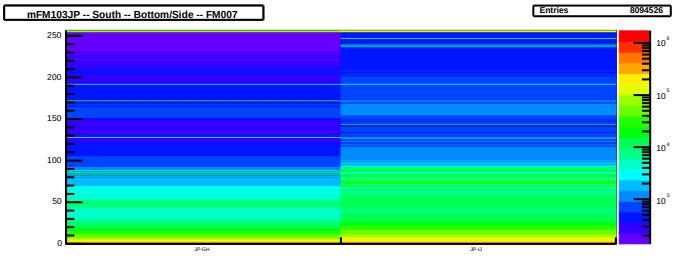
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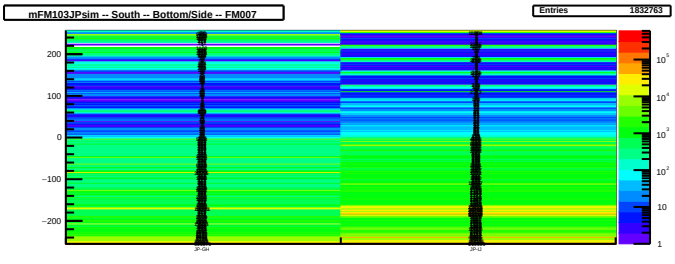
Entries 8094526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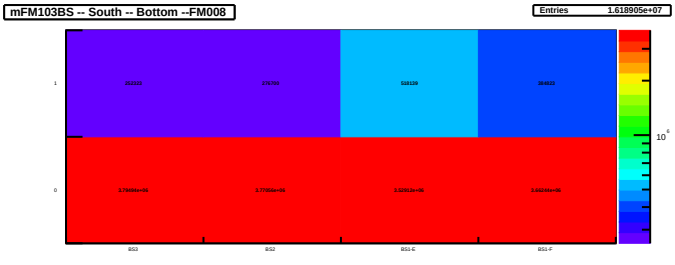
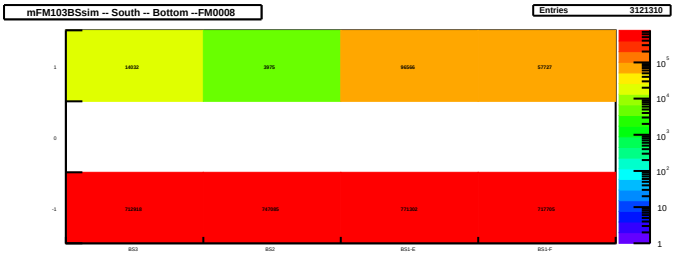

mFM103BS -- South -- Bottom --FM008
Entries 1.618905e+07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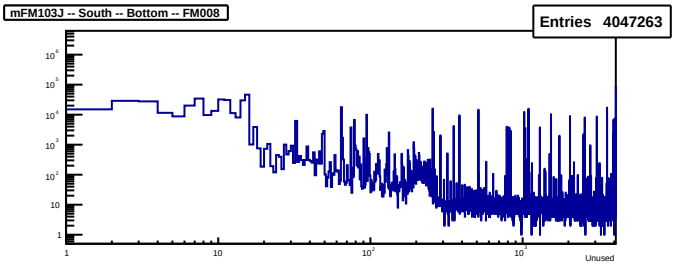
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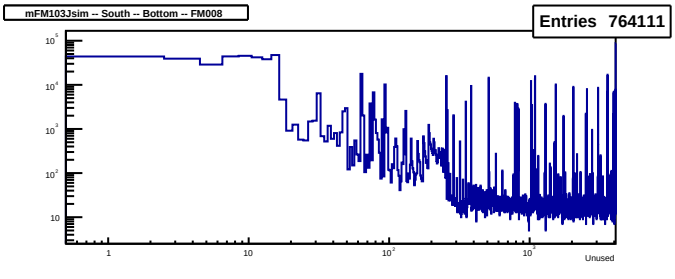
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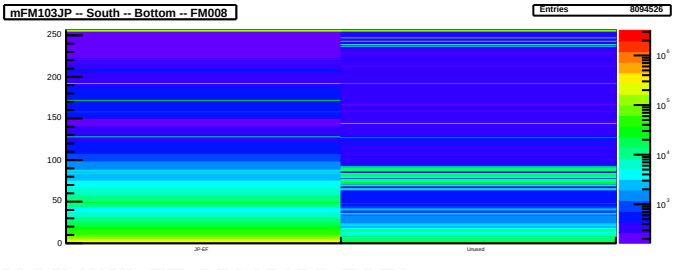
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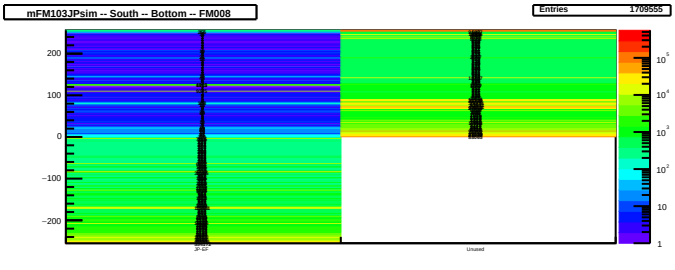
Entries 8094526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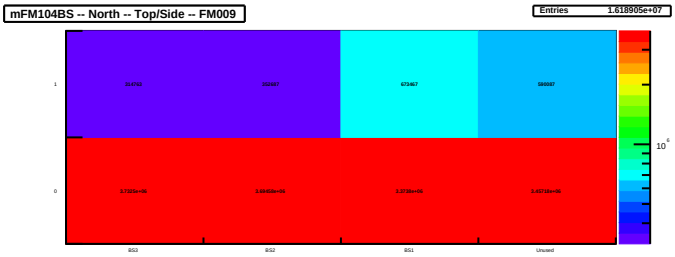
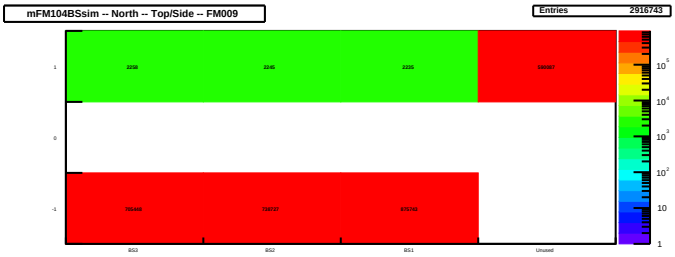
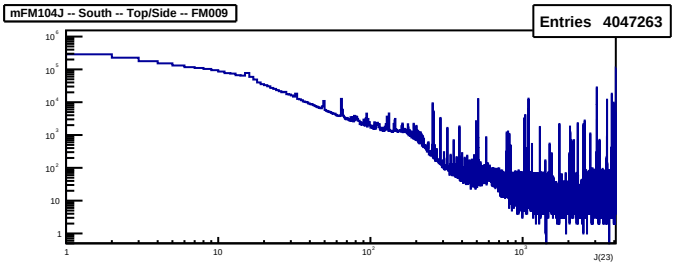
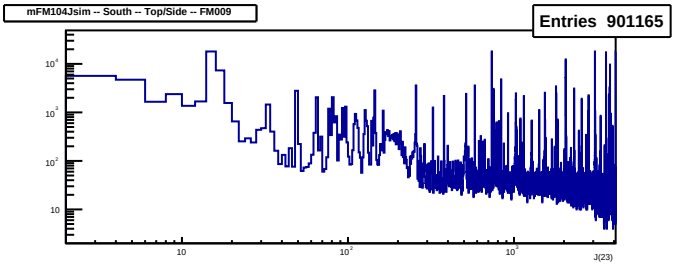

mFM104BS -- North -- Top/Side -- FM009
Entries 1.618905e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2916743


mFM104J -- South -- Top/Side -- FM009
Entries 4047263
J(23)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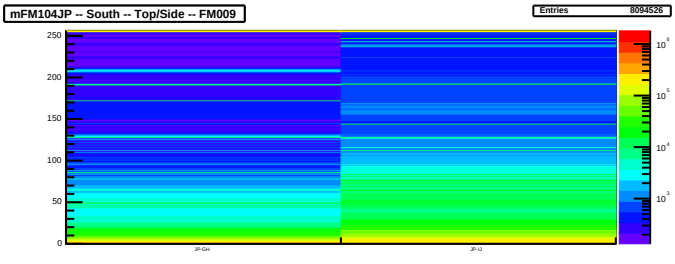
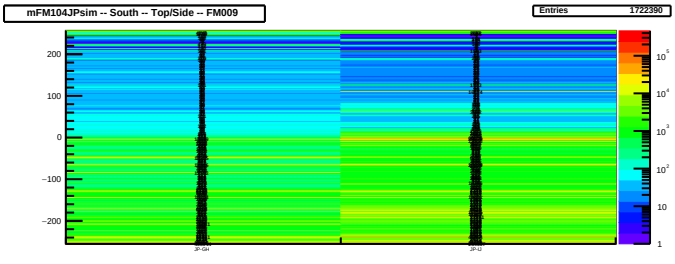
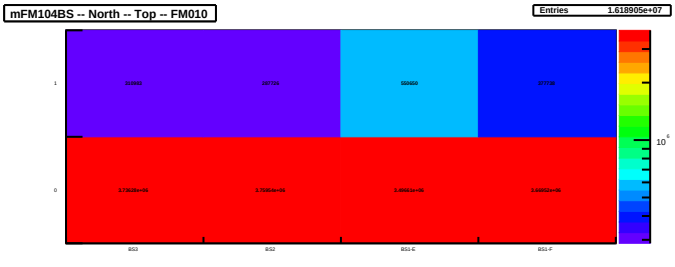
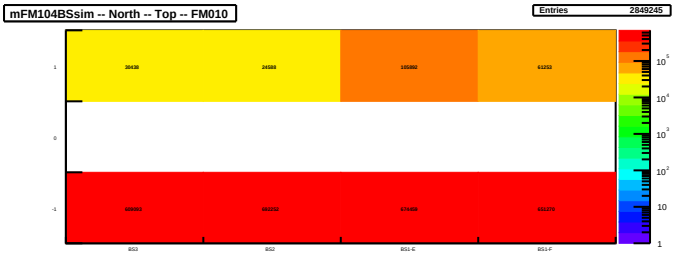
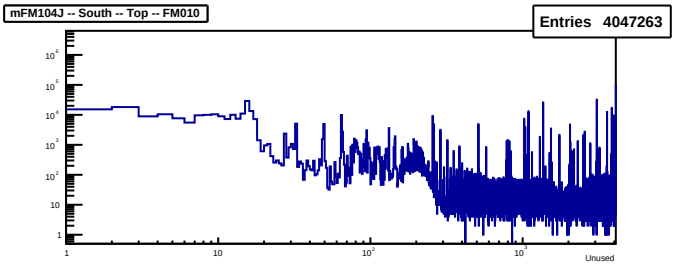
Entries 901165
J(23)

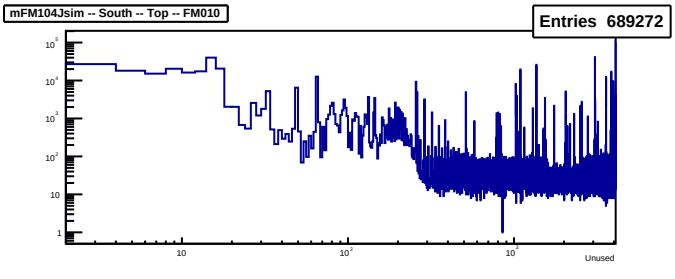

mFM104JP -- South -- Top/Side -- FM009
Entries 8094526

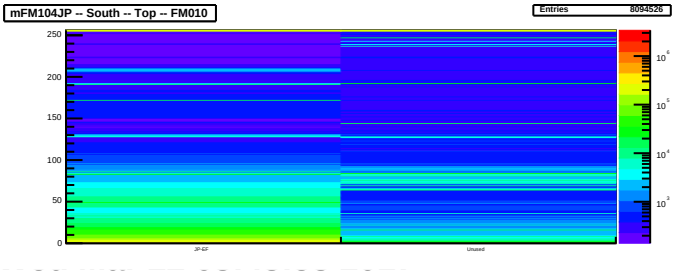

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1722390

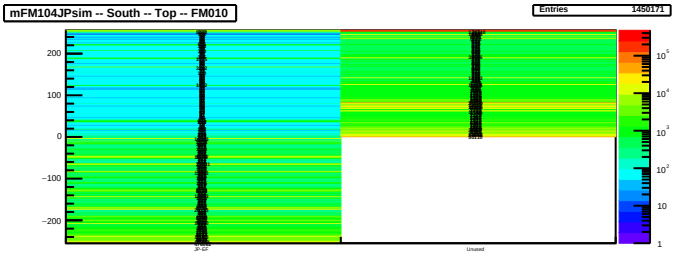

mFM104BS -- North -- Top -- FM010
Entries 1.618905e+07

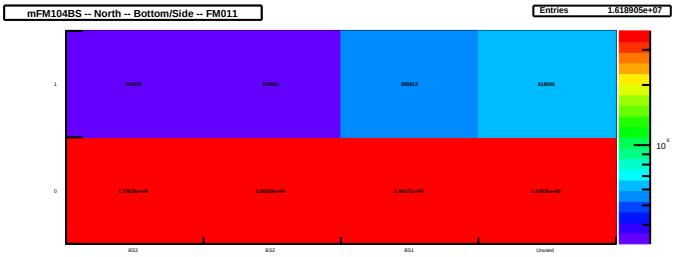

mFM104BSsim -- North -- Top -- FM010
Entries 2849245

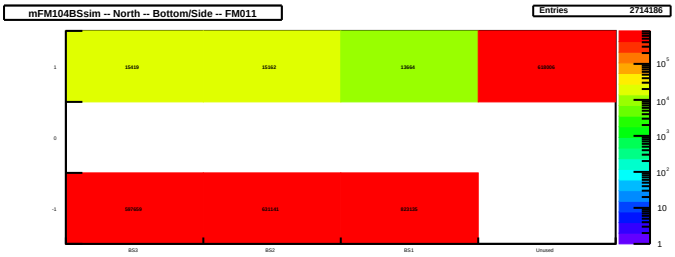

mFM104J -- South -- Top -- FM010
Entries 4047263
Unused

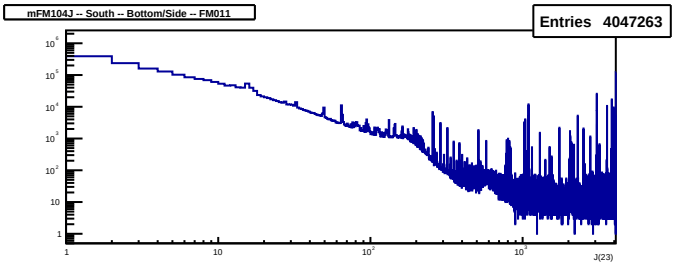

mFM104Jsim -- South -- Top -- FM010
Entries 689272
Unused

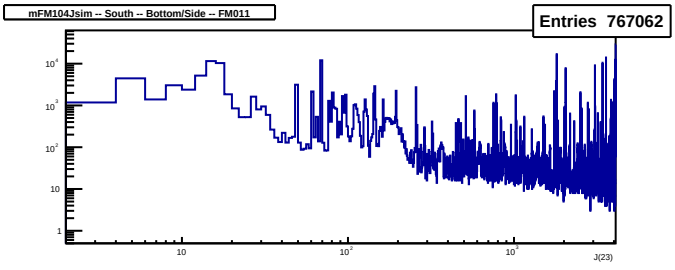

mFM104JP -- South -- Top -- FM010
Entries 8094526

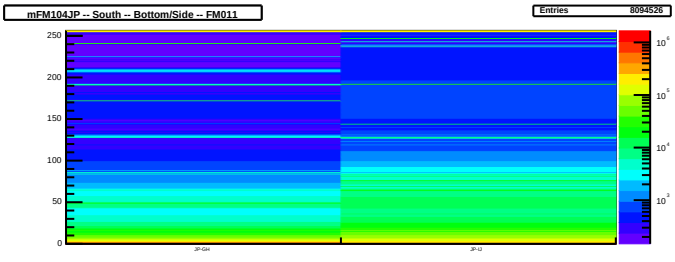

mFM104JPsim -- South -- Top -- FM010
Entries 1450171

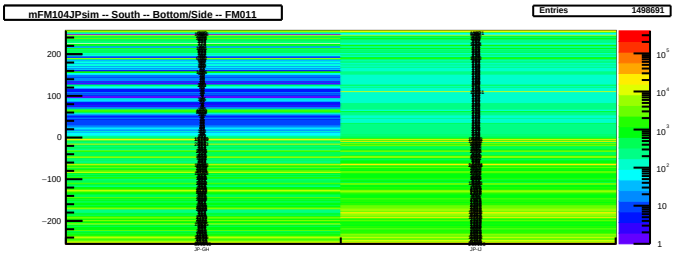

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.618905e+07

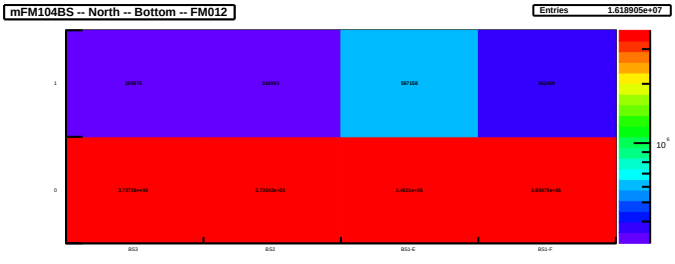

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2714186

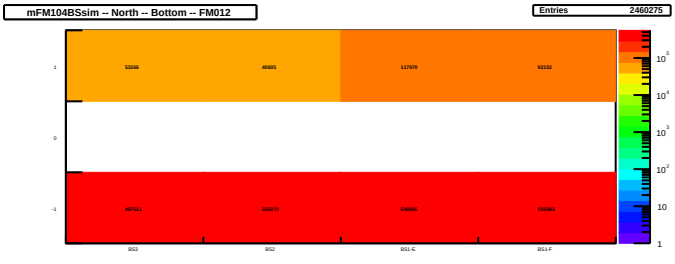

mFM104J -- South -- Bottom/Side -- FM011
Entries 4047263
J(23)

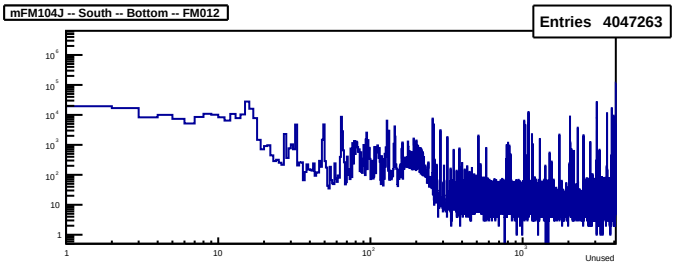

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 767062
J(23)

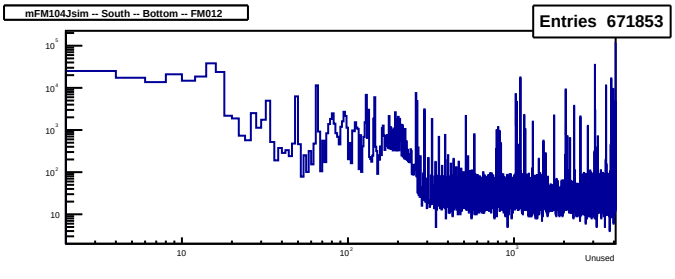

mFM104JP -- South -- Bottom/Side -- FM011
Entries 8094526

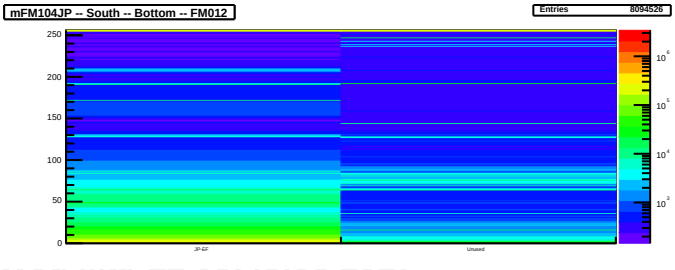

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1498691

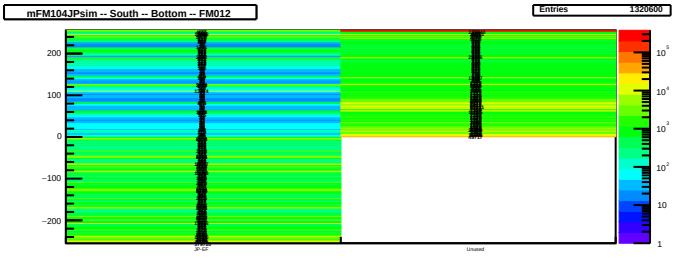

mFM104BS -- North -- Bottom -- FM012
Entries 1.618905e+07

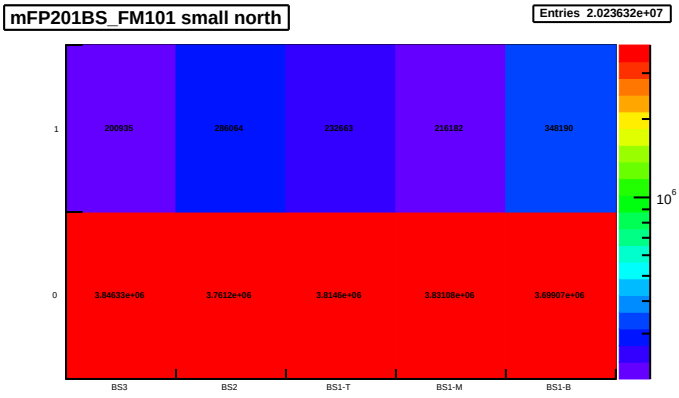

mFM104BSsim -- North -- Bottom -- FM012
Entries 2460275

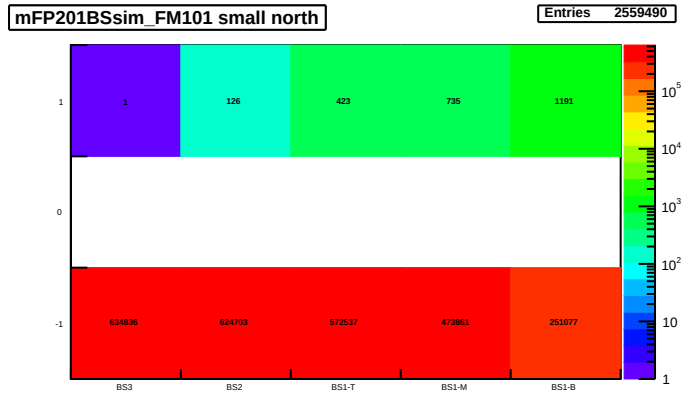

mFM104J -- South -- Bottom -- FM012
Entries 4047263
Unused

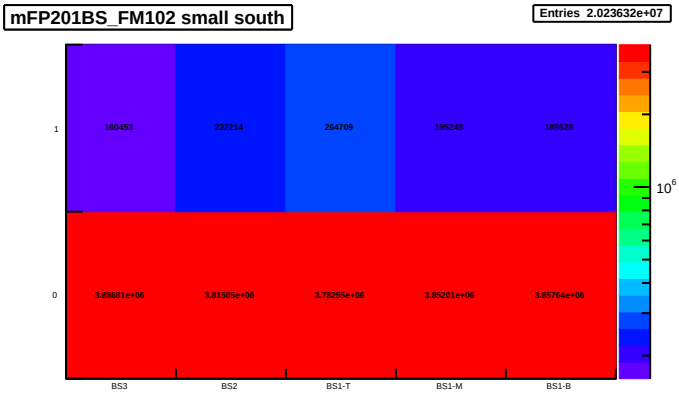

mFM104Jsim -- South -- Bottom -- FM012
Entries 671853
Unused

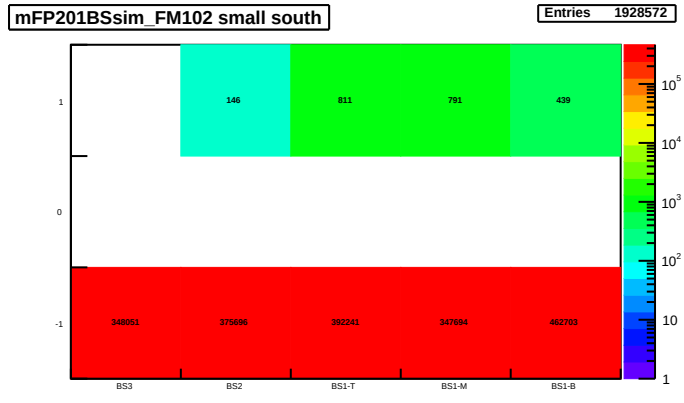

mFM104JP -- South -- Bottom -- FM012
Entries 8094526

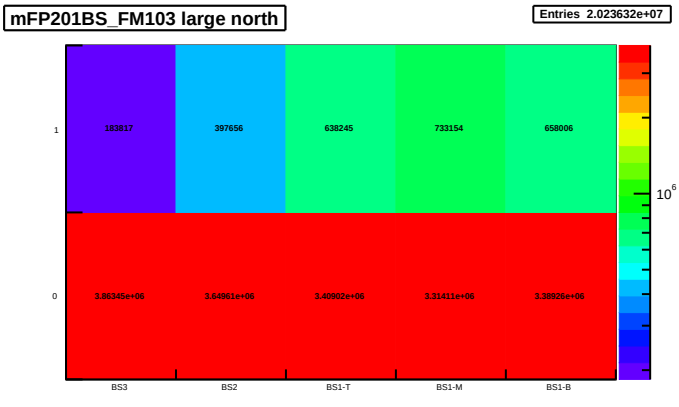

mFM104JPsim -- South -- Bottom -- FM012
Entries 1320600

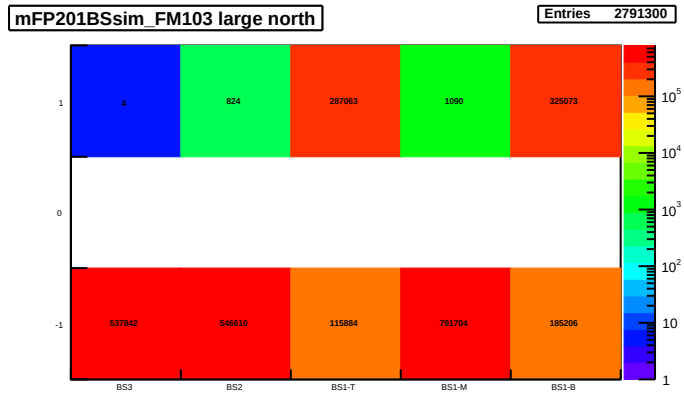

mFP201BS_FM101 small north
Entries 2.023632e+07
1
0
200935
286064
232663
216182
348190
3.84633e+06
3.7612e+06
3.8146e+06
3.83108e+06
3.69907e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

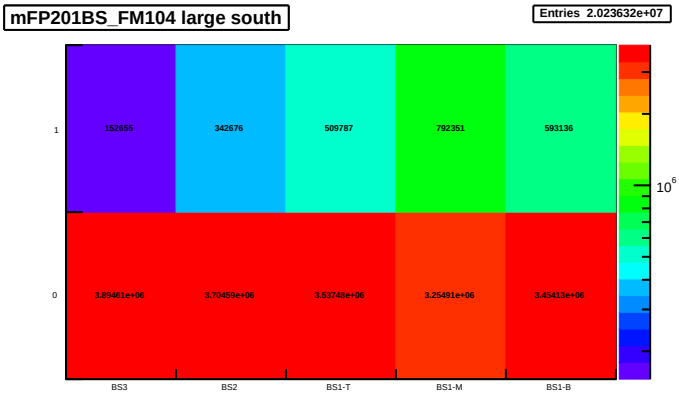

mFP201BSsim_FM101 small north
Entries 2559490
1
0
-1
1
126
423
735
1191
634836
624703
572537
473861
251077
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

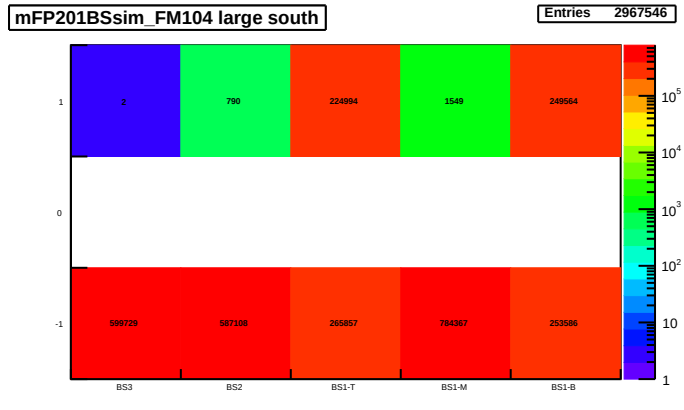

mFP201BS_FM102 small south
Entries 2.023632e+07
1
0
160453
232214
264709
195249
189628
3.88681e+06
3.81505e+06
3.78255e+06
3.85201e+06
3.85764e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

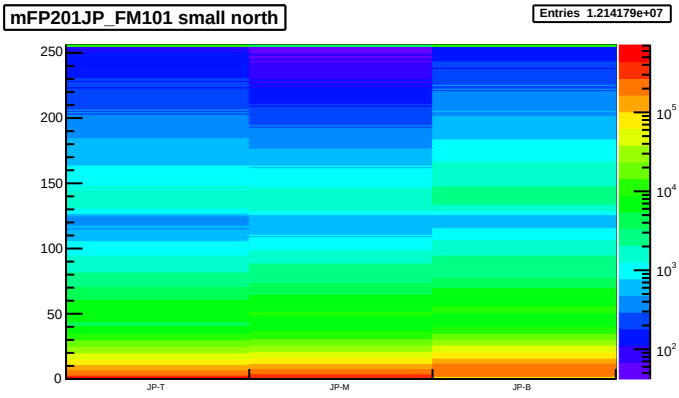

mFP201BSsim_FM102 small south
Entries 1928572
1
0
-1
146
811
791
439
348051
375696
392241
347694
462703
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

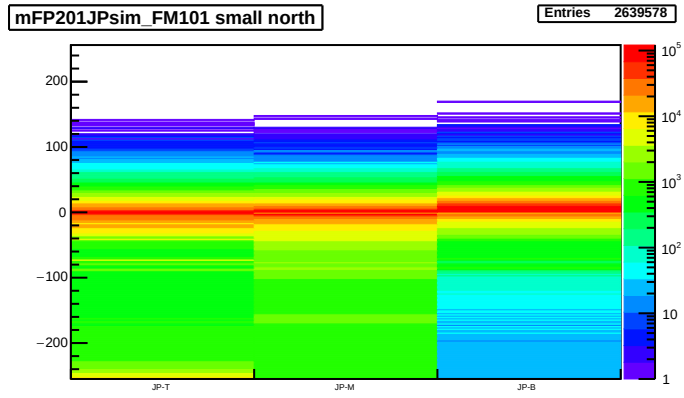

mFP201BS_FM103 large north
Entries 2.023632e+07
1
0
183817
397656
638245
733154
658006
3.86345e+06
3.64961e+06
3.40902e+06
3.31411e+06
3.38926e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

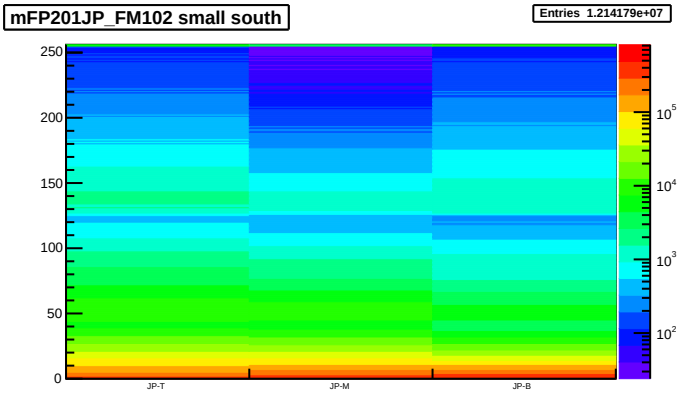

mFP201BSsim_FM103 large north
Entries 2791300
1
0
-1
4
824
287063
1090
325073
537842
546610
115884
791704
185206
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

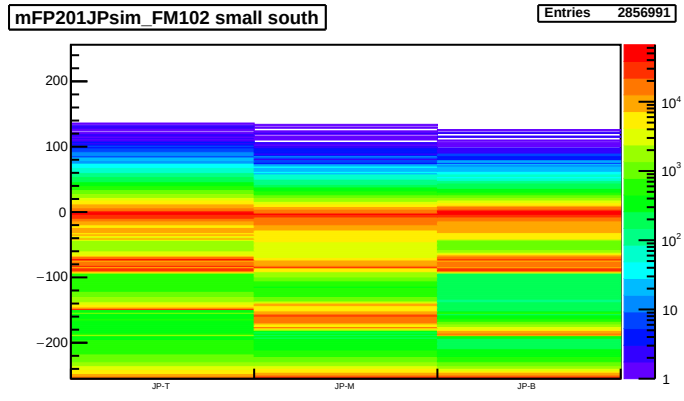

mFP201BS_FM104 large south
Entries 2.023632e+07
1
0
152655
342676
509787
792351
593136
3.89461e+06
3.70459e+06
3.53748e+06
3.25491e+06
3.45413e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

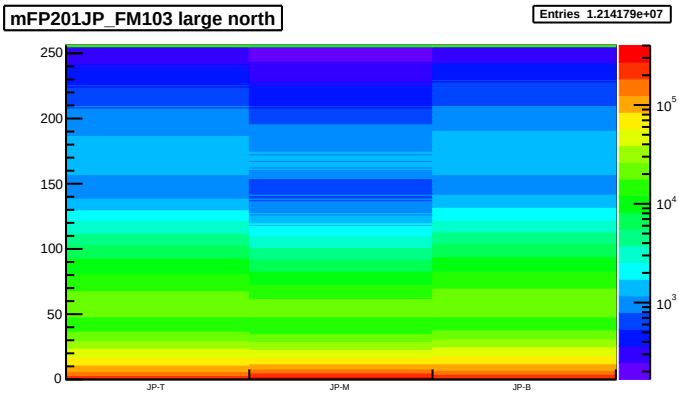

mFP201BSsim_FM104 large south
Entries 2967546
1
0
-1
2
790
224994
1549
249564
599729
587108
265857
784367
253586
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

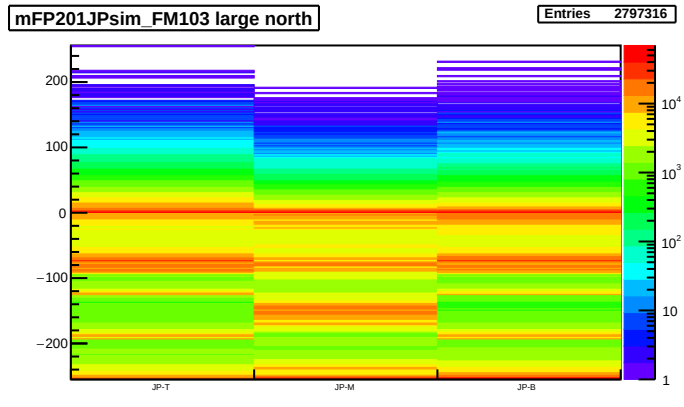

mFP201JP_FM101 small north
Entries 1.214179e+07
JP-T
JP-M
JP-B

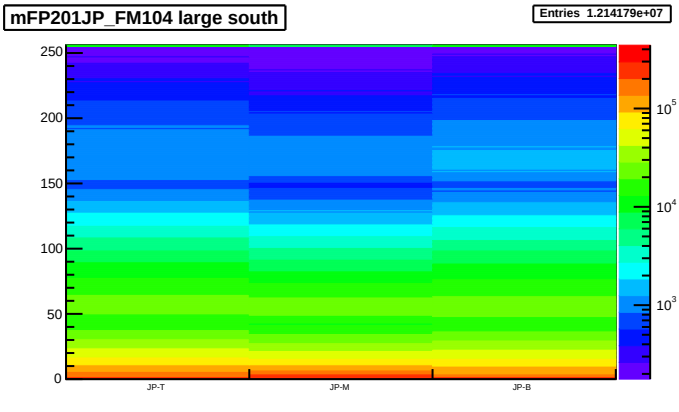

mFP201JPsim_FM101 small north
Entries 2639578
JP-T
JP-M
JP-B

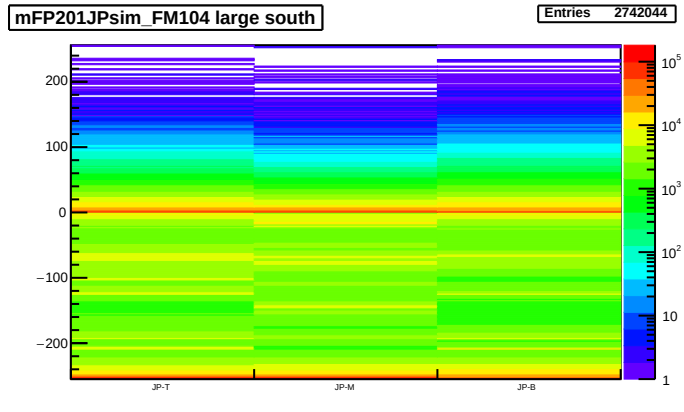

mFP201JP_FM102 small south
Entries 1.214179e+07
JP-T
JP-M
JP-B

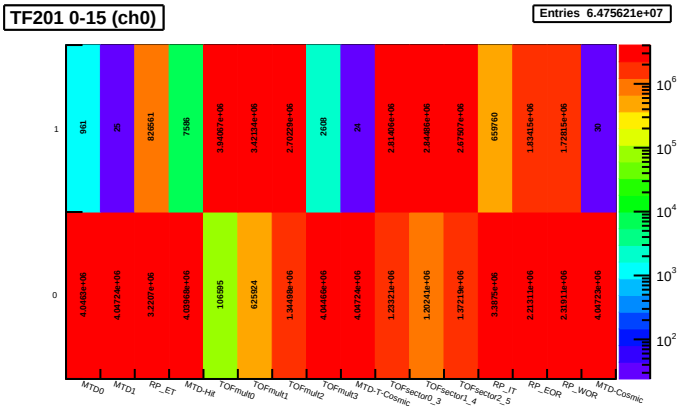

mFP201JPsim_FM102 small south
Entries 2856991
JP-T
JP-M
JP-B

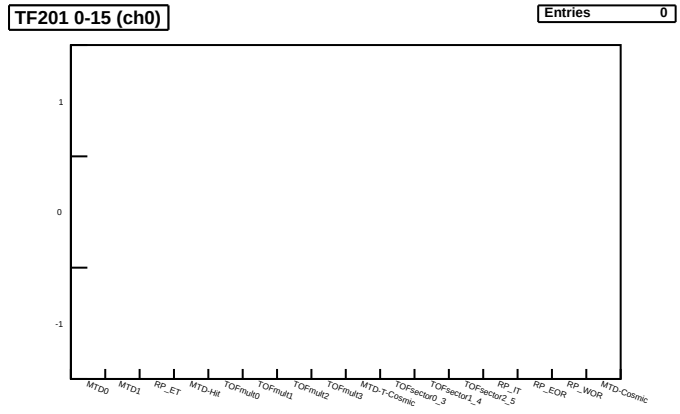

mFP201JP_FM103 large north
Entries 1.214179e+07
JP-T
JP-M
JP-B

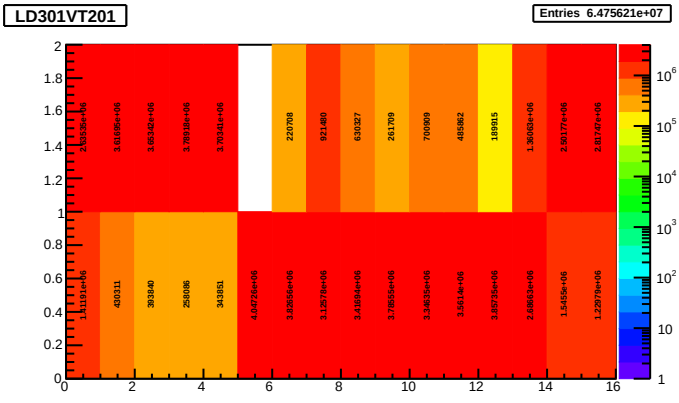

mFP201JPsim_FM103 large north
Entries 2797316
JP-T
JP-M
JP-B

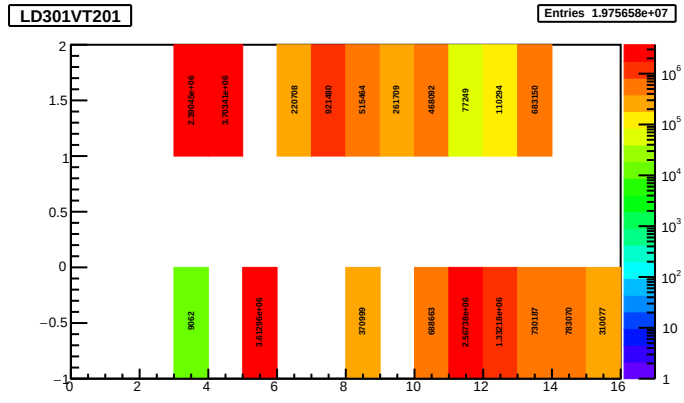

mFP201JP_FM104 large south
Entries 1.214179e+07
JP-T
JP-M
JP-B

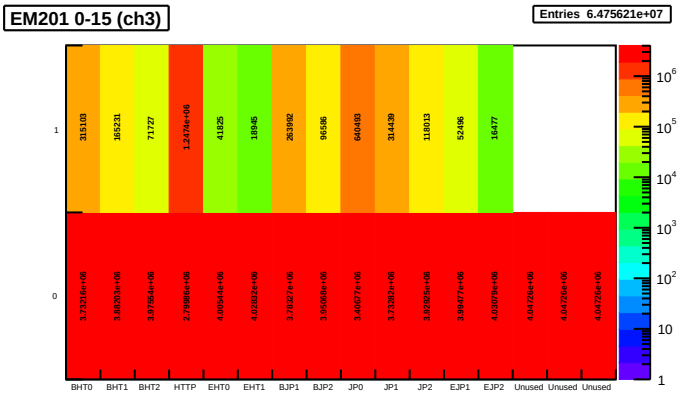

mFP201JPsim_FM104 large south
Entries 2742044
JP-T
JP-M
JP-B

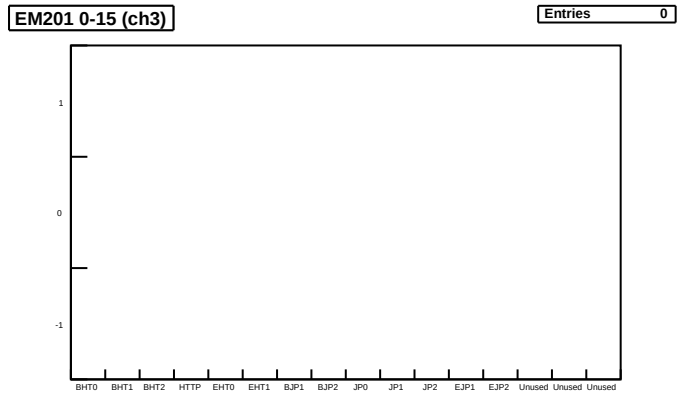

TF201 0-15 (ch0)
Entries 6.475621e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

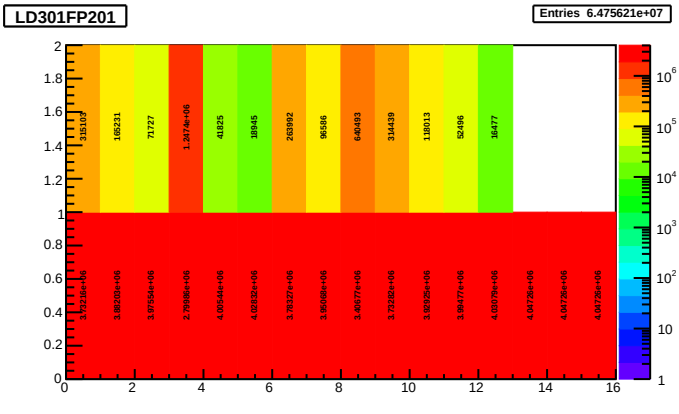

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

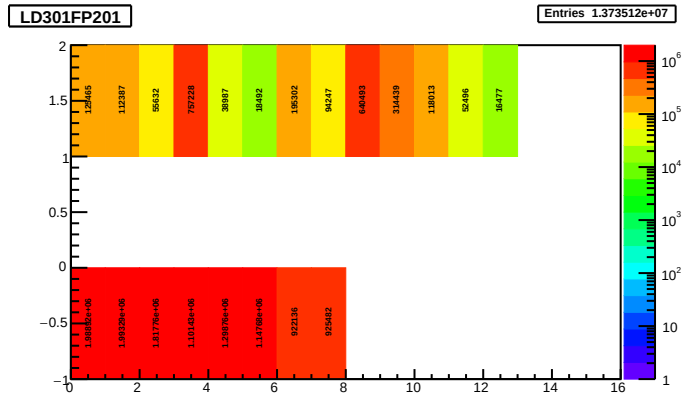

LD301VT201
Entries 6.475621e+07


LD301VT201
Entries 1.975658e+07


EM201 0-15 (ch3)
Entries 6.475621e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 6.475621e+07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