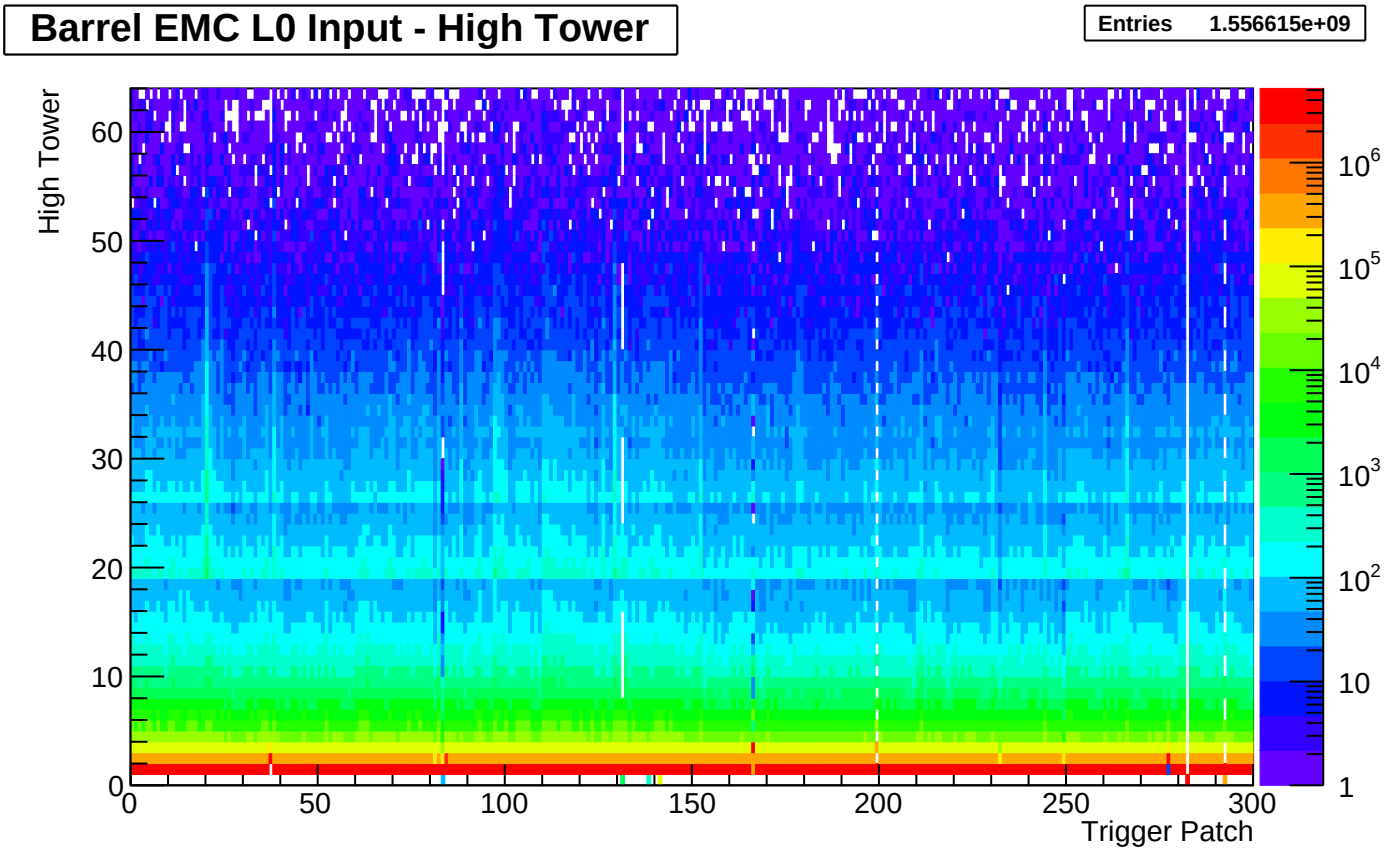
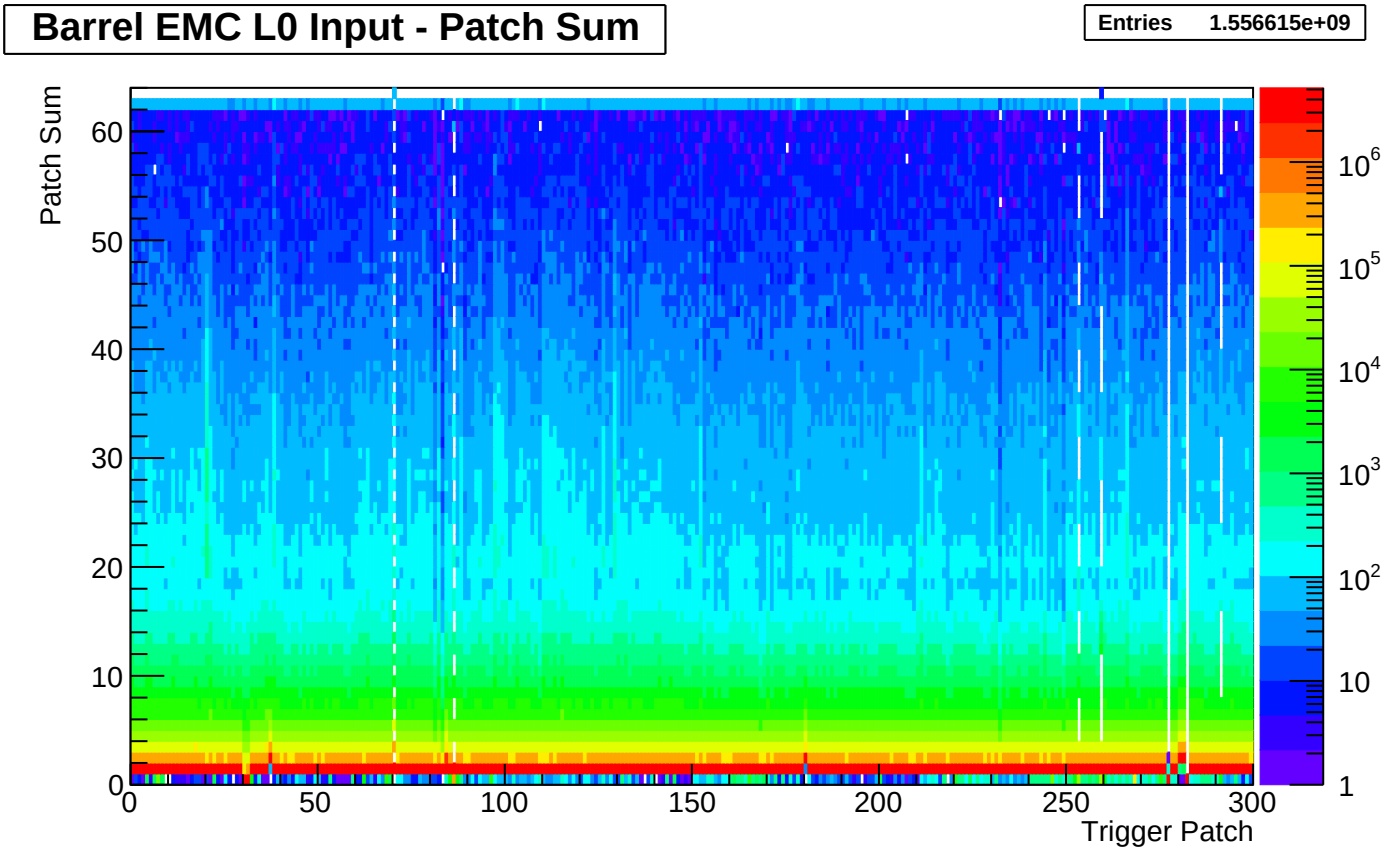
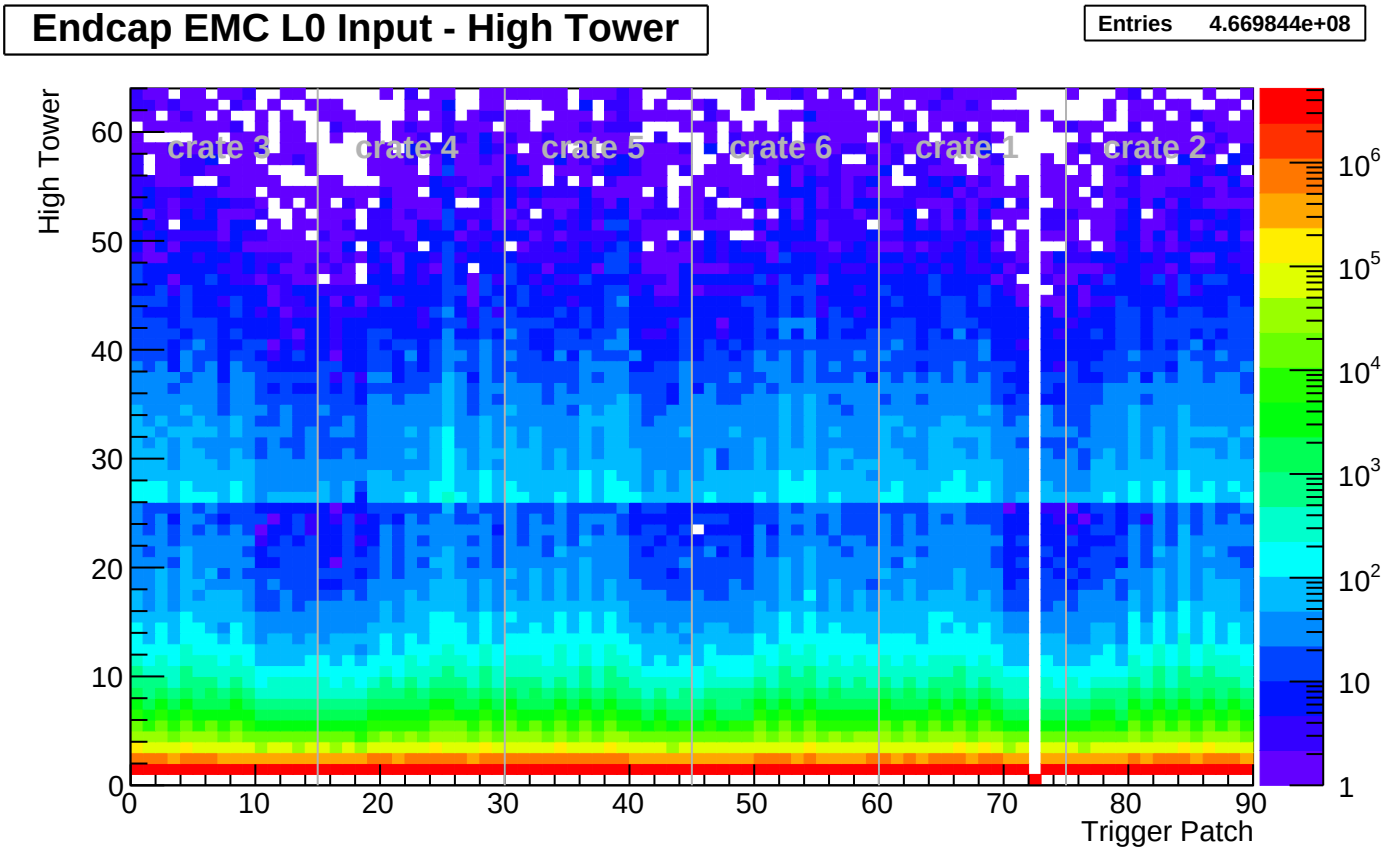
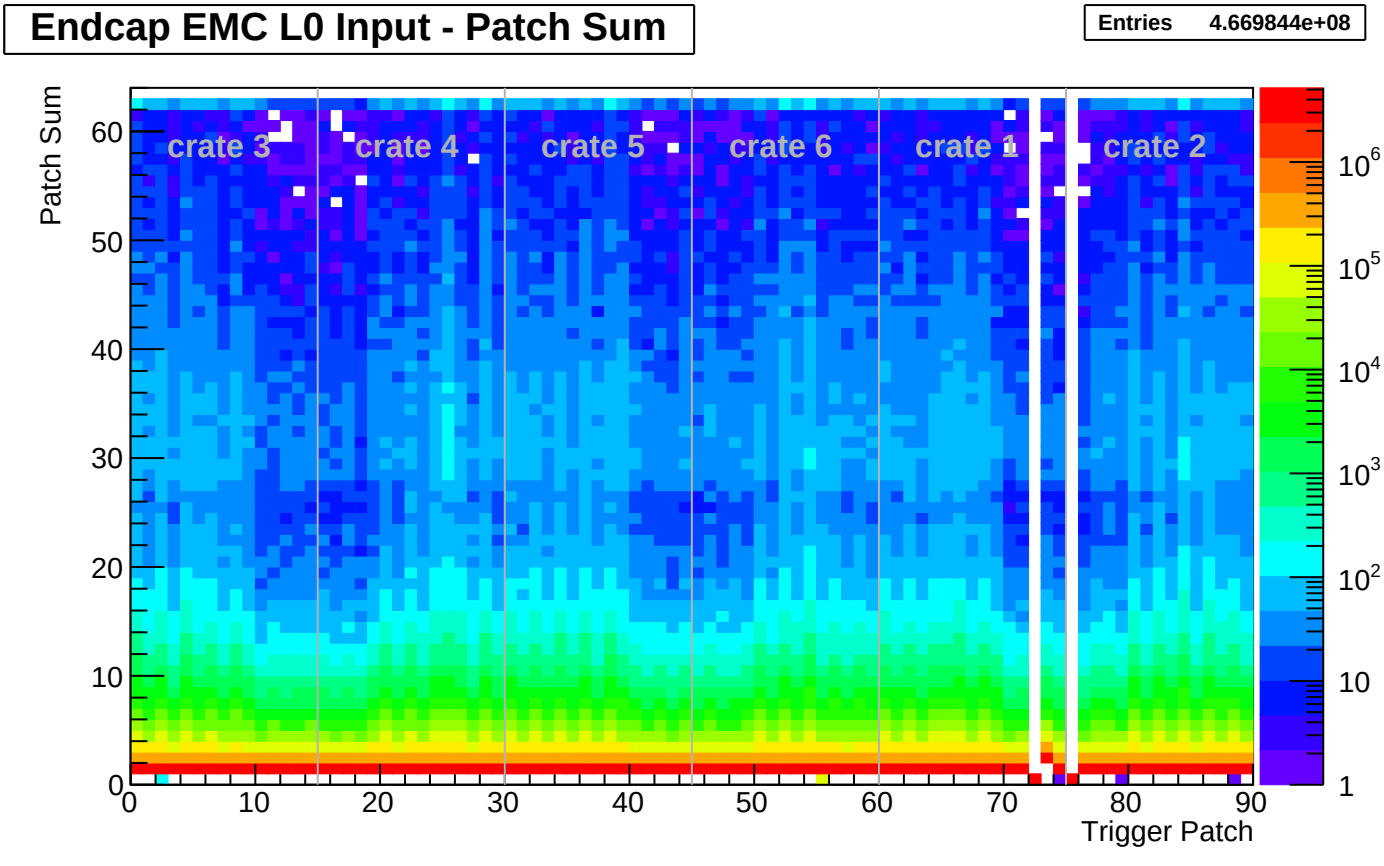
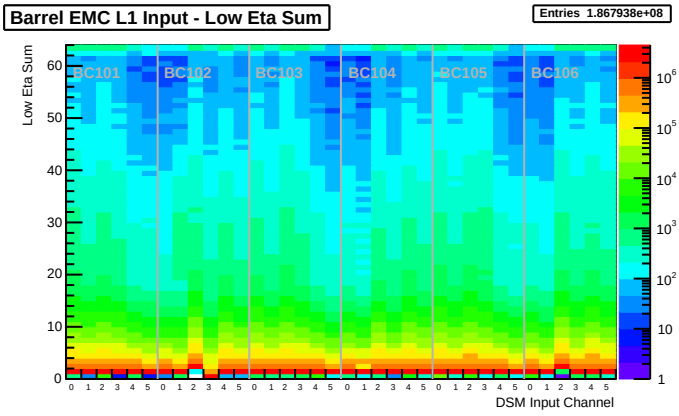
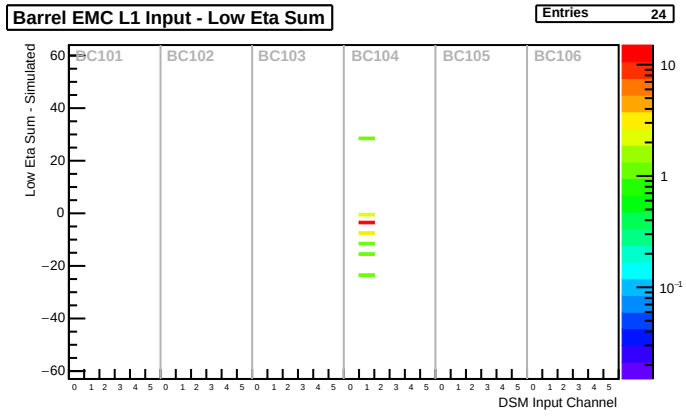

Barrel EMC L0 Input - High Tower
Entries 1.556615e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

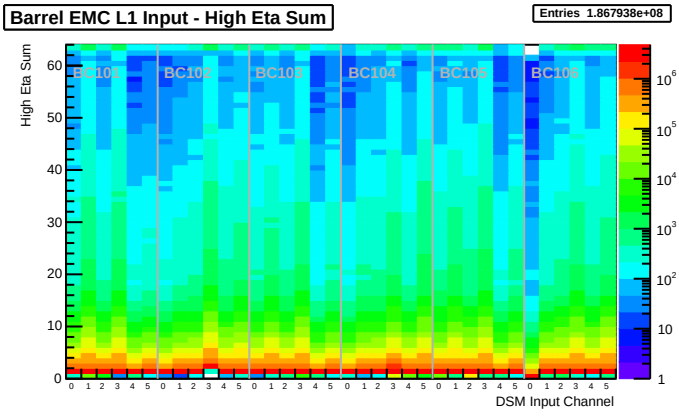

Barrel EMC L0 Input - Patch Sum
Entries 1.556615e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

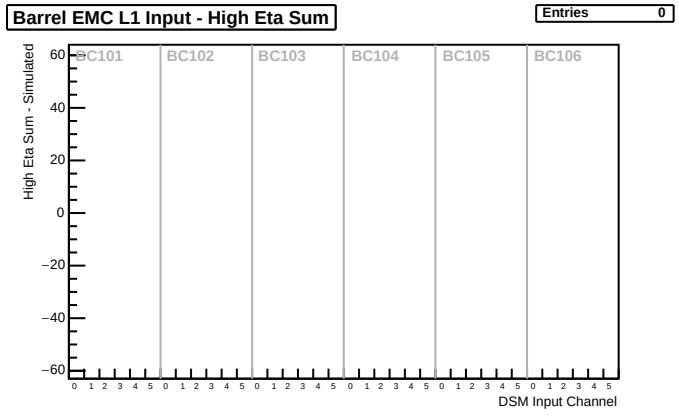

Endcap EMC L0 Input - High Tower
Entries 4.669844e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

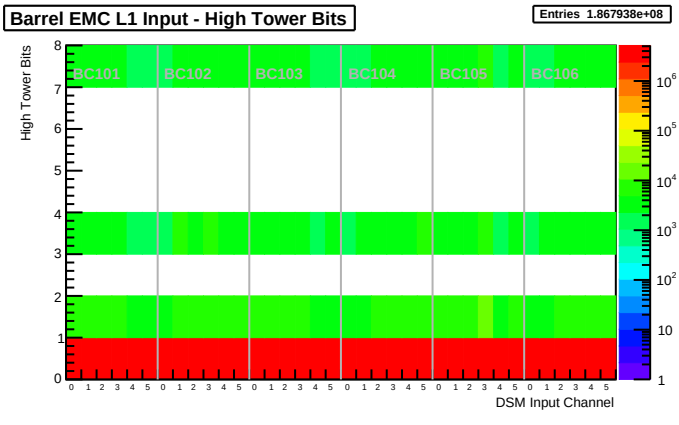

Endcap EMC L0 Input - Patch Sum
Entries 4.669844e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

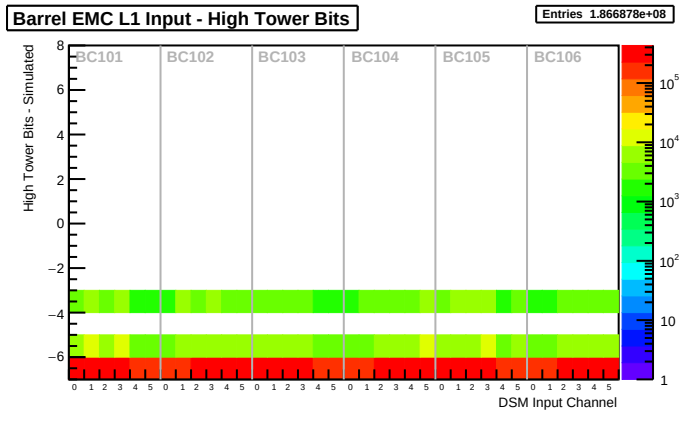

Barrel EMC L1 Input - Low Eta Sum
Entries 1.867938e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

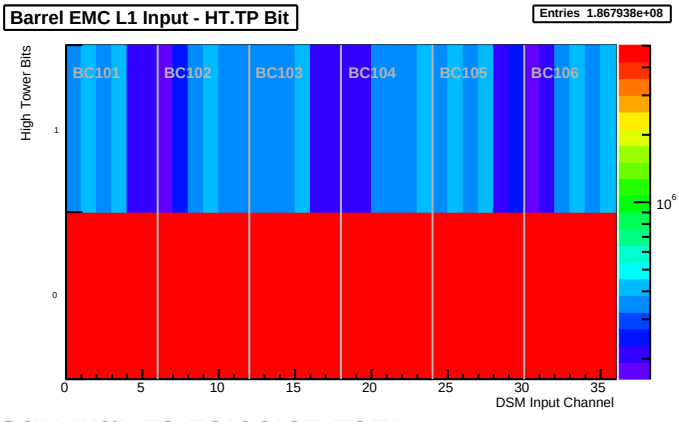

Barrel EMC L1 Input - Low Eta Sum
Entries 24
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

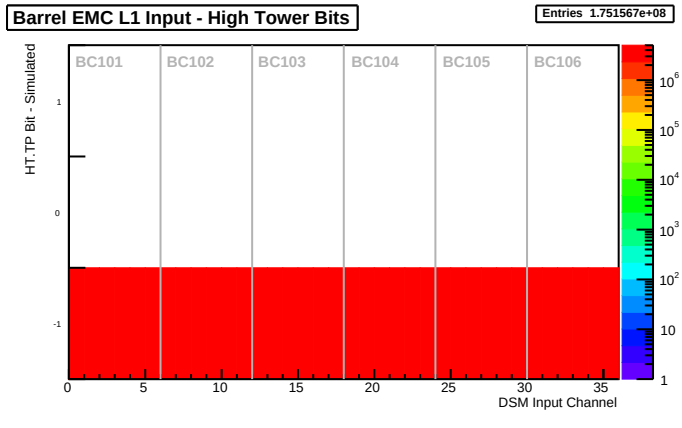

Barrel EMC L1 Input - High Eta Sum
Entries 1.867938e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

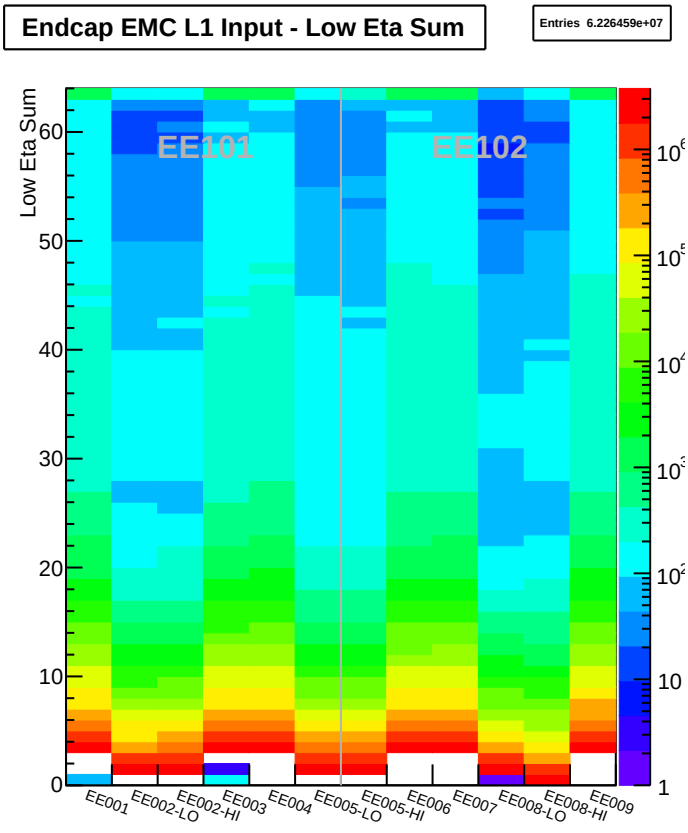

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

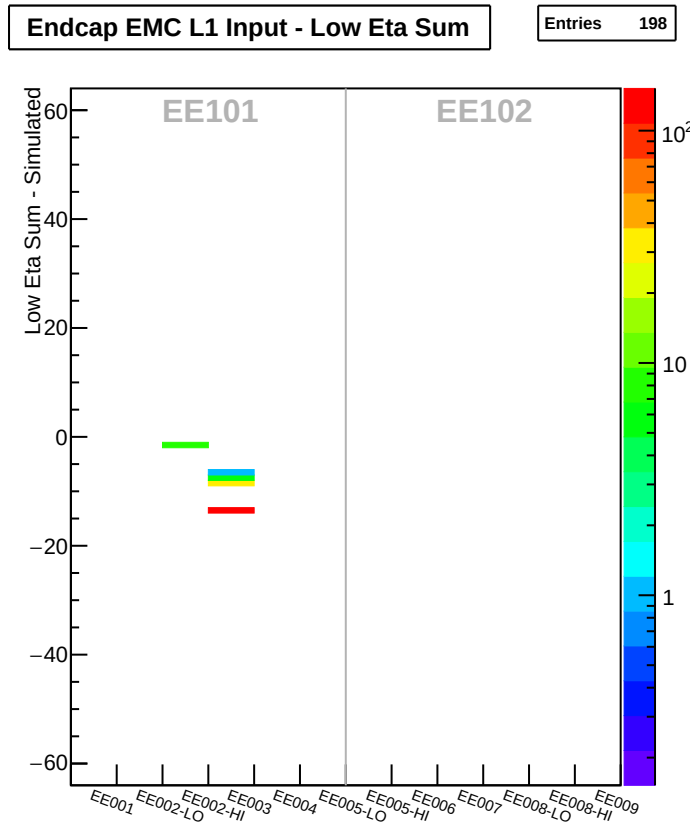

Barrel EMC L1 Input - High Tower Bits
Entries 1.867938e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

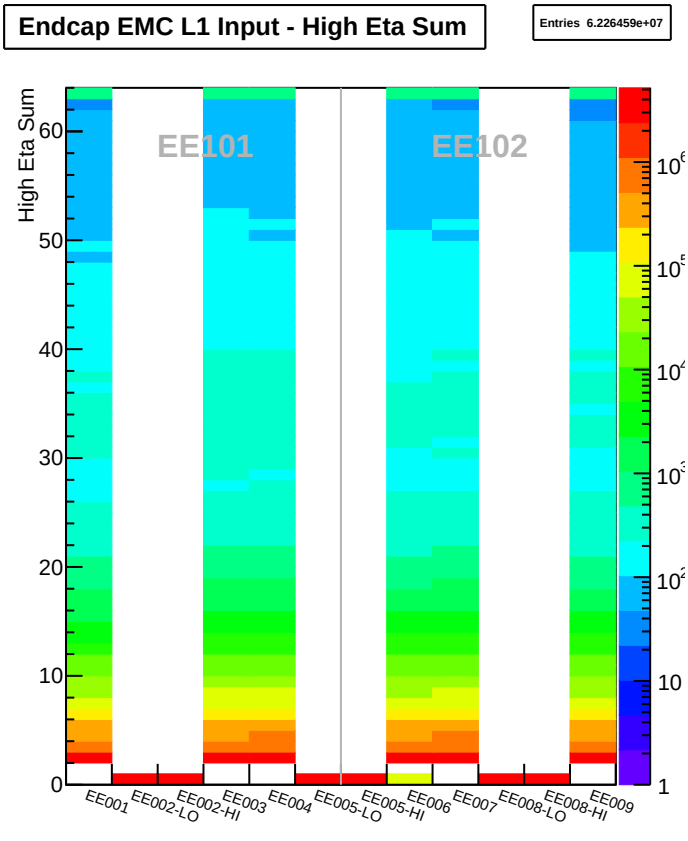

Barrel EMC L1 Input - High Tower Bits
Entries 1.866878e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

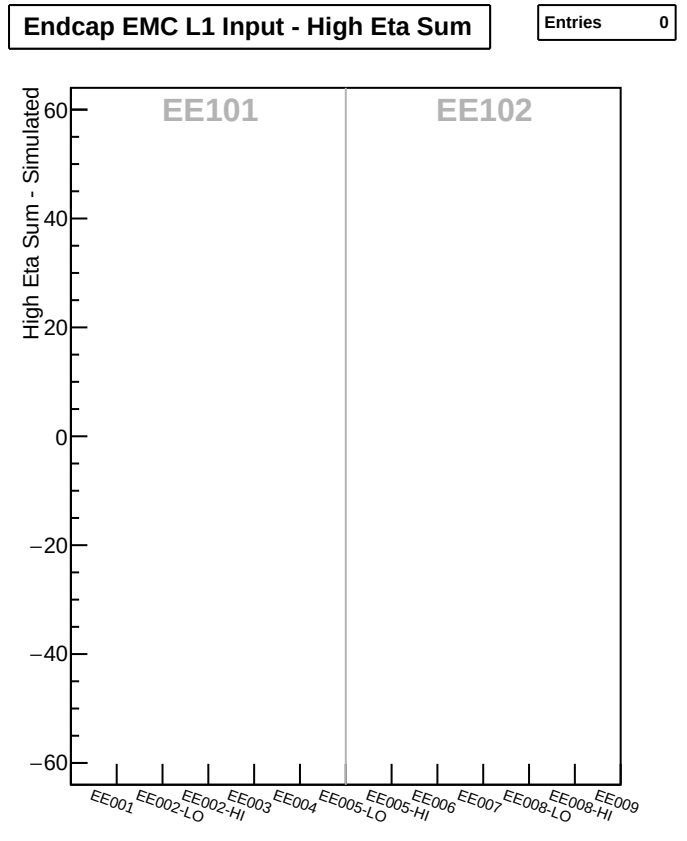

Barrel EMC L1 Input - HT.TP Bit
Entries 1.867938e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

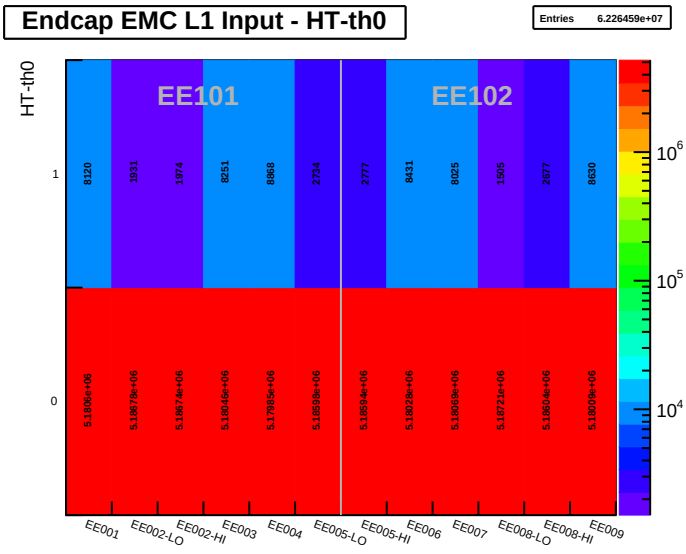

Barrel EMC L1 Input - High Tower Bits
Entries 1.751567e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

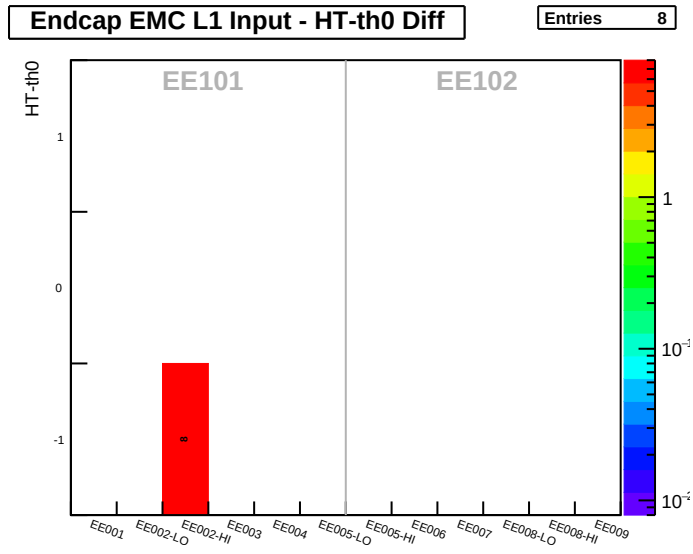

Endcap EMC L1 Input - Low Eta Sum
Entries 6.226459e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

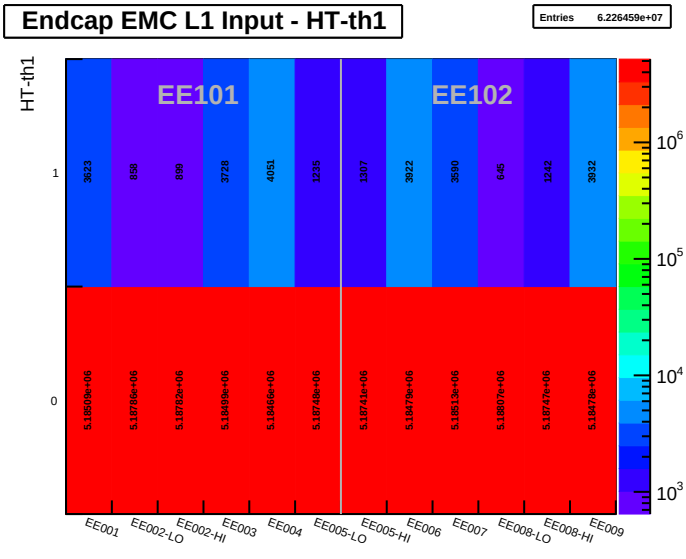

Endcap EMC L1 Input - Low Eta Sum
Entries 198
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

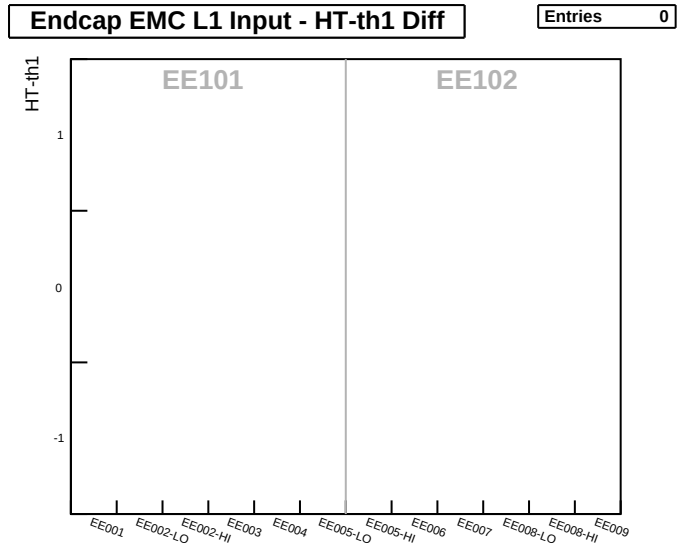

Endcap EMC L1 Input - High Eta Sum
Entries 6.226459e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

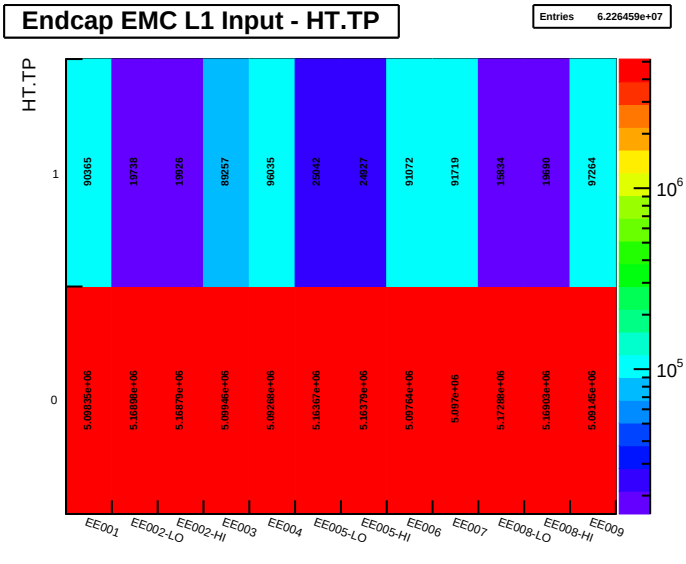

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

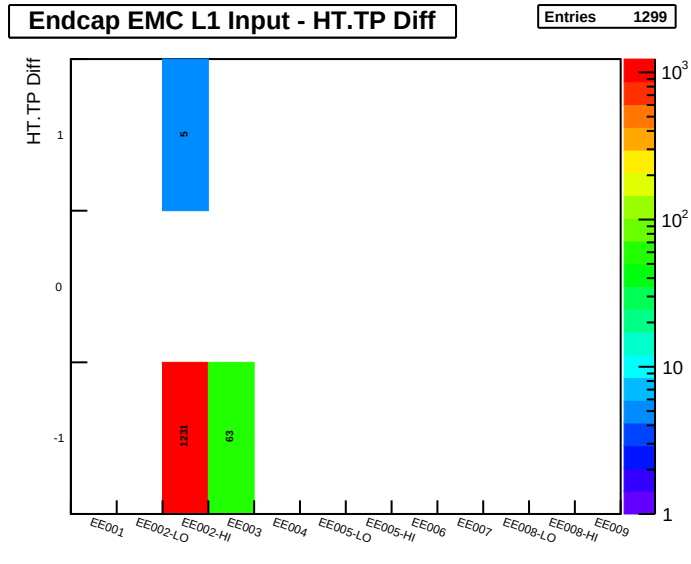

Endcap EMC L1 Input - HT-th0
Entries 6.226459e+07
HT-th0
EE101
EE102
1
0
8120 1931 1974 8251 8868 2734 2777 8431 8025 1505 2577 8630
5.18706e+06 5.18679e+06 5.18674e+06 5.18046e+06 5.17985e+06 5.18598e+06 5.18594e+06 5.18028e+06 5.18059e+06 5.18721e+06 5.18604e+06 5.18009e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

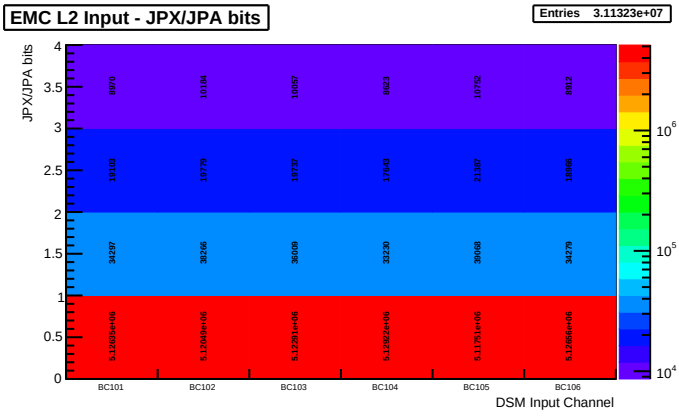

Endcap EMC L1 Input - HT-th0 Diff
Entries 8
HT-th0
EE101
EE102
1
0
-1
8
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
1

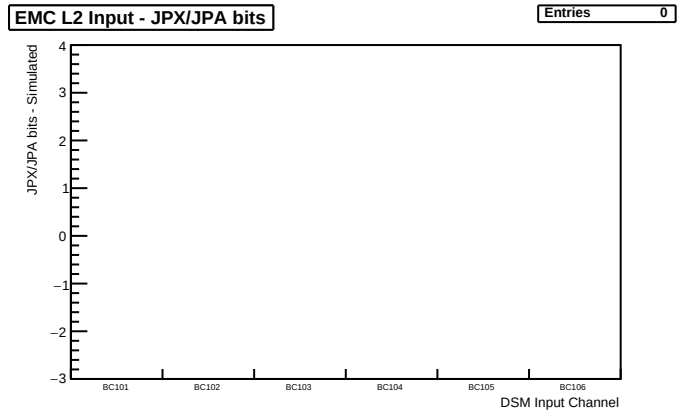

Endcap EMC L1 Input - HT-th1
Entries 6.226459e+07
HT-th1
EE101
EE102
1
0
3623 858 899 3728 4051 1235 1307 3922 3590 645 1242 3932
5.18509e+06 5.18786e+06 5.18782e+06 5.18499e+06 5.18466e+06 5.18748e+06 5.18741e+06 5.18479e+06 5.18513e+06 5.18807e+06 5.18747e+06 5.18478e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

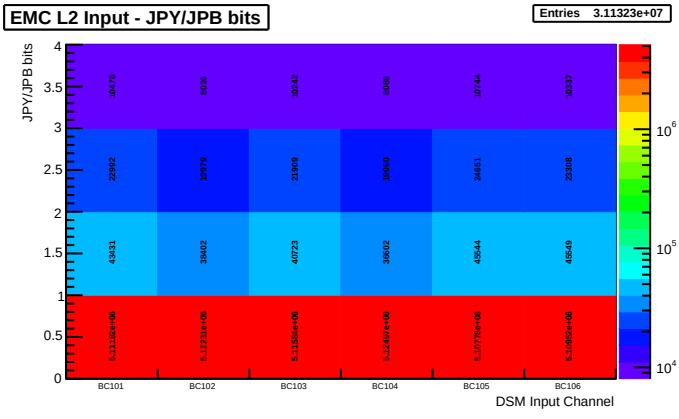

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

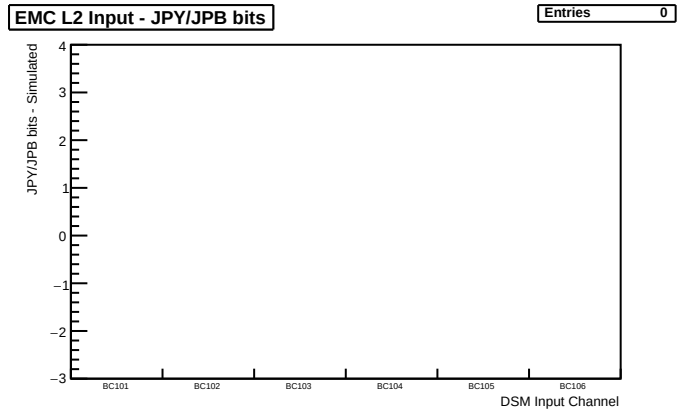

Endcap EMC L1 Input - HT.TP
Entries 6.226459e+07
HT.TP
1
0
90365 19738 19926 89257 96035 25042 24927 91072 91719 15834 19690 97264
5.09835e+06 5.16898e+06 5.16878e+06 5.09946e+06 5.09268e+06 5.16367e+06 5.16379e+06 5.09764e+06 5.097e+06 5.17288e+06 5.16903e+06 5.09145e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

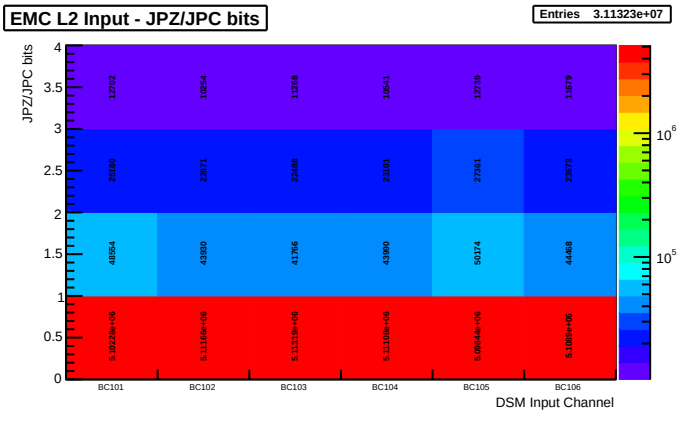

Endcap EMC L1 Input - HT.TP Diff
Entries 1299
HT.TP Diff
1
0
-1
5
1231
63
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3
10^2
10
1

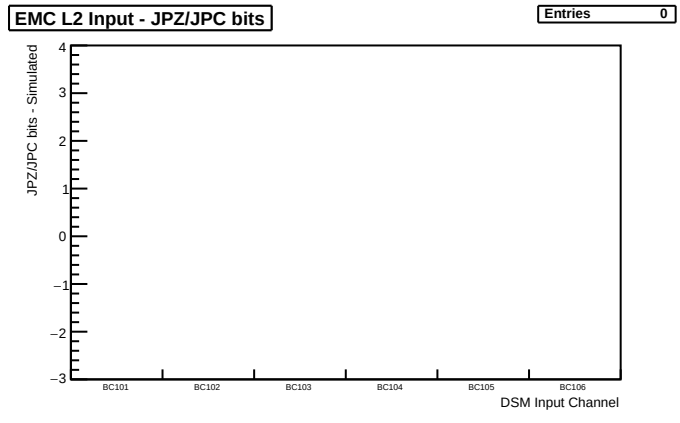

EMC L2 Input - JPX/JPA bits
Entries 3.11323e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8970
10194
10057
8623
10752
8912
19148
19779
19737
17643
21357
18966
34237
38266
36009
33230
39068
34279
5.12835e+06
5.12049e+06
5.12291e+06
5.12922e+06
5.11751e+06
5.12656e+06

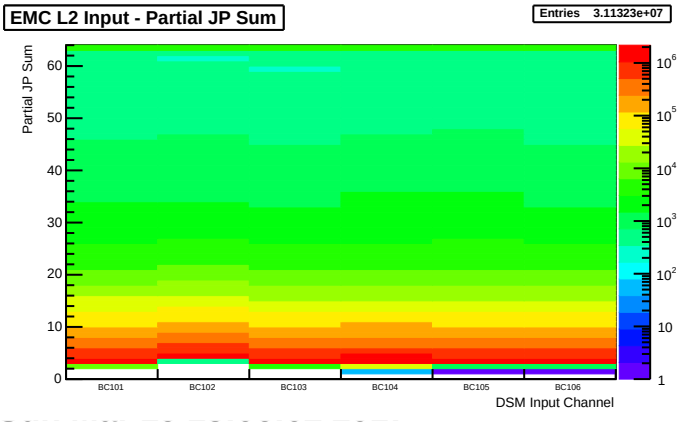

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

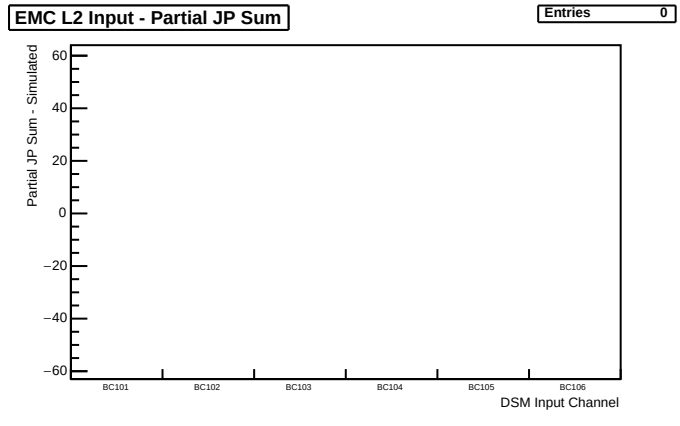

EMC L2 Input - JPY/JPB bits
Entries 3.11323e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10478
8026
10242
8088
10744
10337
22992
19979
21909
19060
24651
23398
43431
38402
40723
36602
45544
45549
5.11182e+06
5.12231e+06
5.11584e+06
5.12497e+06
5.10778e+06
5.10982e+06

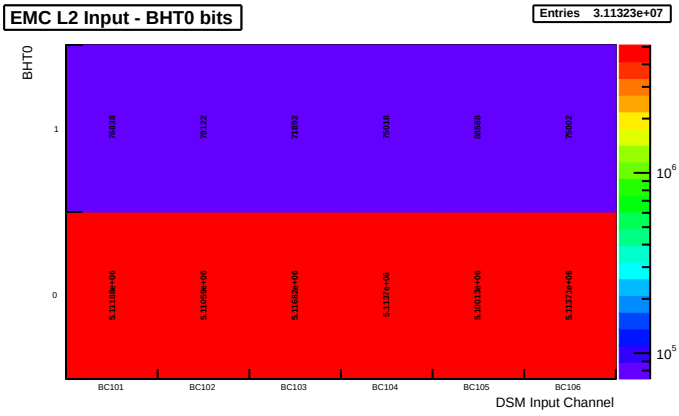

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

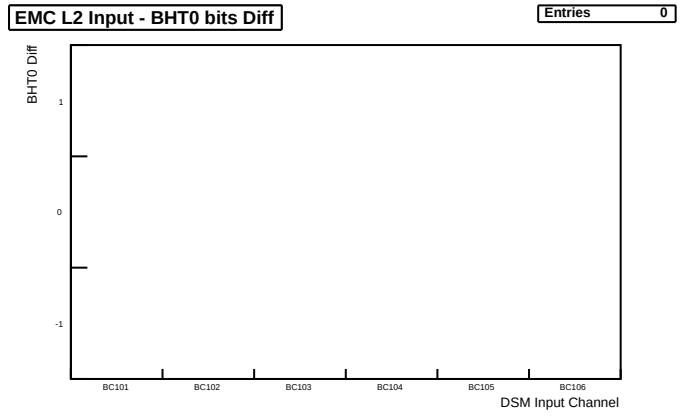

EMC L2 Input - JPZ/JPC bits
Entries 3.11323e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12102
10254
11258
10541
12239
11679
23100
22971
22488
23101
27351
23673
48354
43930
41766
43990
50174
44468
5.10228e+06
5.11156e+06
5.11319e+06
5.11109e+06
5.09844e+06
5.10819e+06

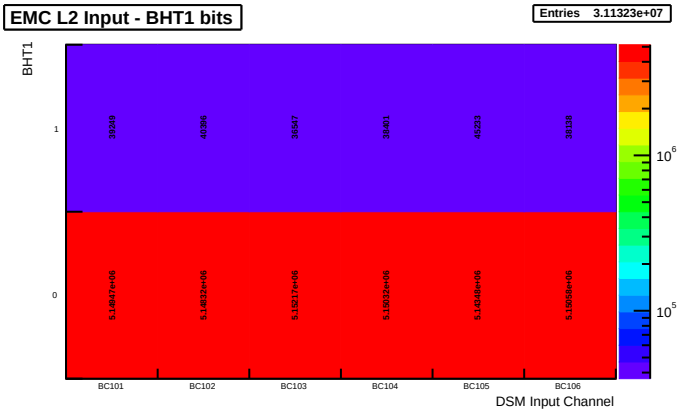

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

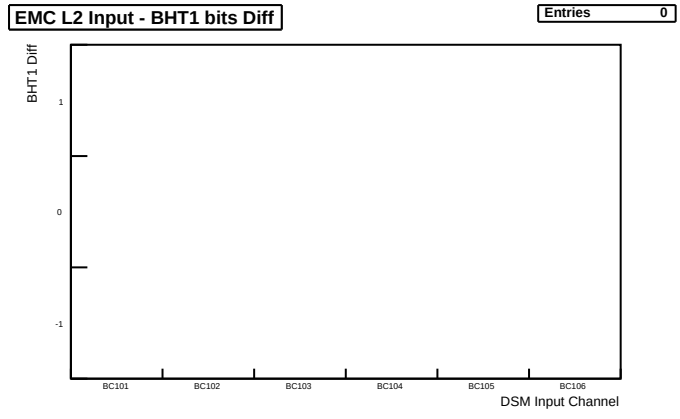

EMC L2 Input - Partial JP Sum
Entries 3.11323e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

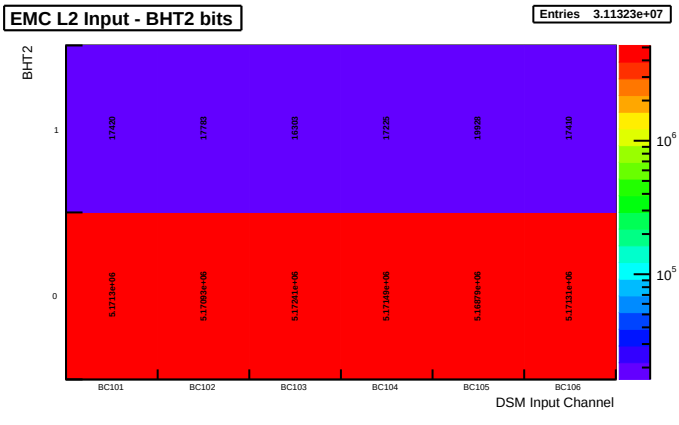

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

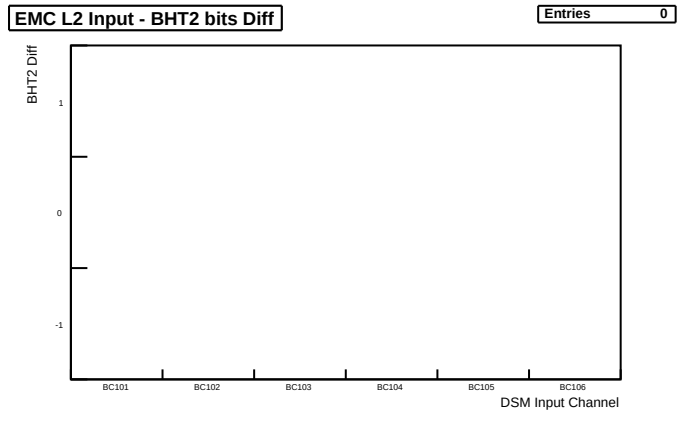

EMC L2 Input - BHT0 bits
Entries 3.11323e+07
BHT0
76338
78122
71892
75018
88358
75002
5.11189e+06
5.11059e+06
5.11682e+06
5.1137e+06
5.10013e+06
5.11371e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

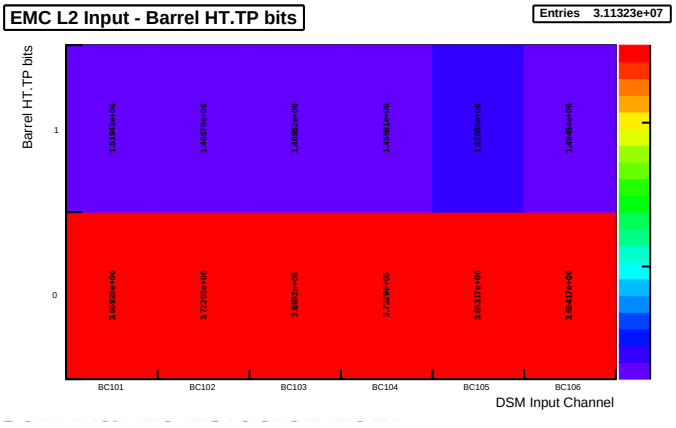

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

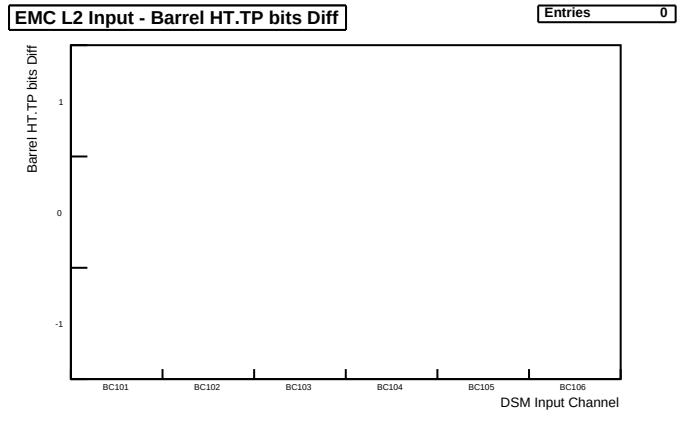

EMC L2 Input - BHT1 bits
Entries 3.11323e+07
BHT1
39249
40396
39547
39401
45223
38138
5.14947e+06
5.14832e+06
5.15217e+06
5.19022e+06
5.14348e+06
5.19058e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

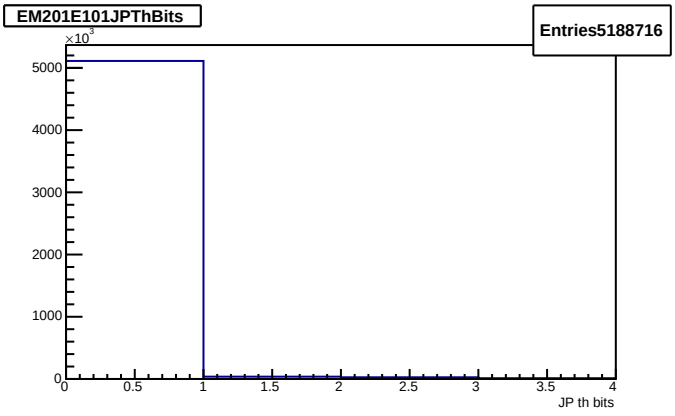

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

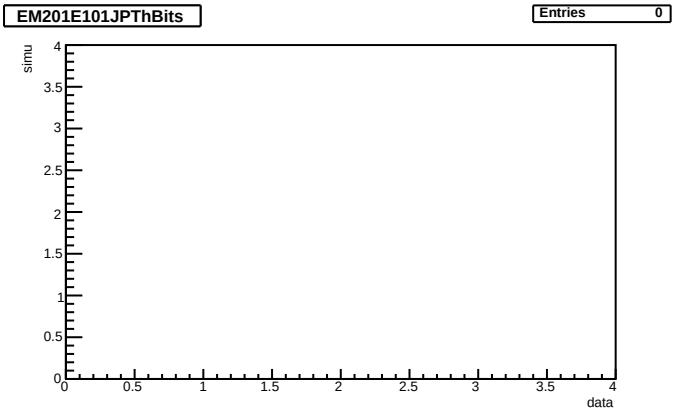

EMC L2 Input - BHT2 bits
Entries 3.11323e+07
BHT2
17420
17783
16303
17225
19928
17410
5.1713e+06
5.17053e+06
5.17291e+06
5.17149e+06
5.16979e+06
5.17131e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

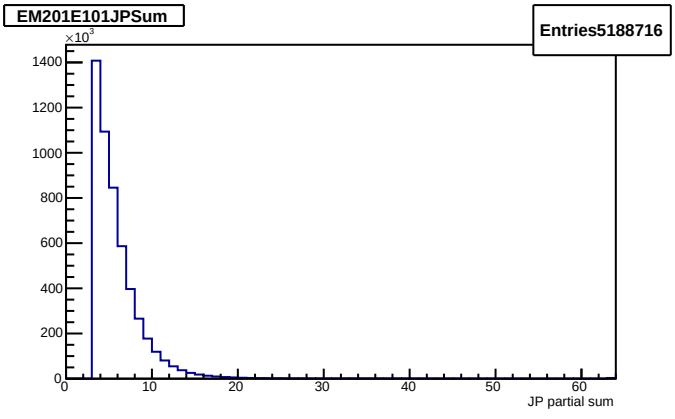

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

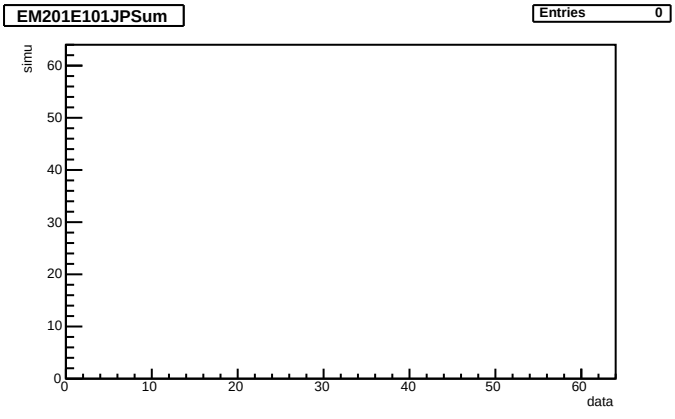

EMC L2 Input - Barrel HT.TP bits
Entries 3.11323e+07
Barrel HT.TP bits
1.51943e+06
1.46579e+06
1.48652e+06
1.45931e+06
1.52055e+06
1.49545e+06
3.66928e+06
3.72209e+06
3.68992e+06
3.7229e+06
3.66317e+06
3.69417e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

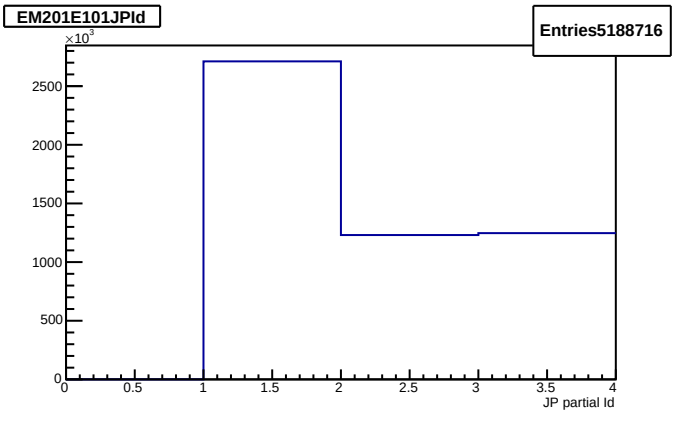

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

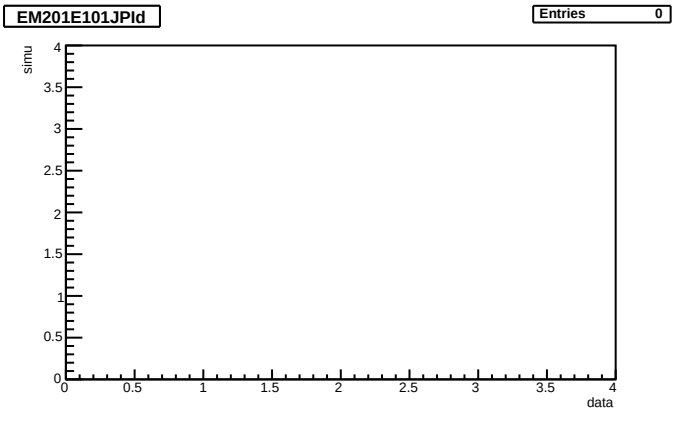

EM201E101JPThBits
Entries5188716
×10^3
JP th bits

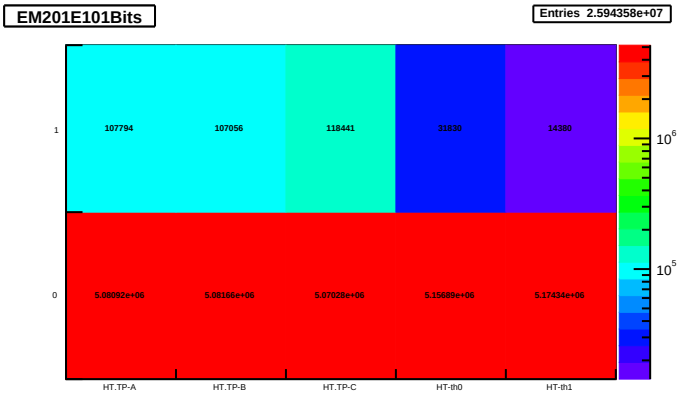

EM201E101JPThBits
Entries 0
simu
data

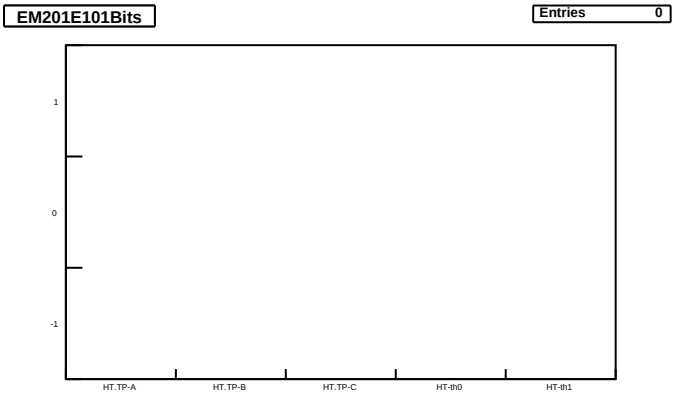

EM201E101JPSum
Entries5188716
×10^3
JP partial sum

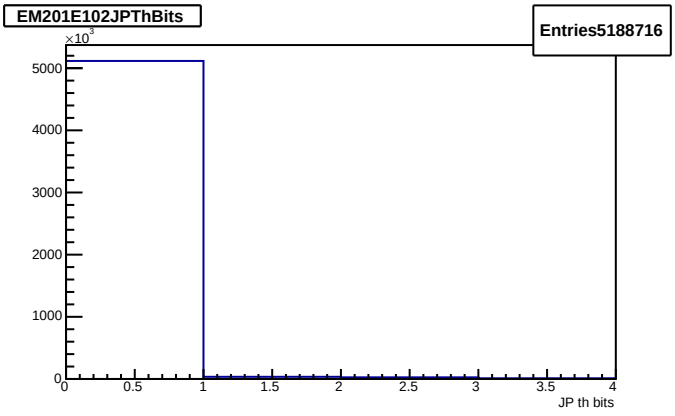

EM201E101JPSum
Entries 0
simu
data

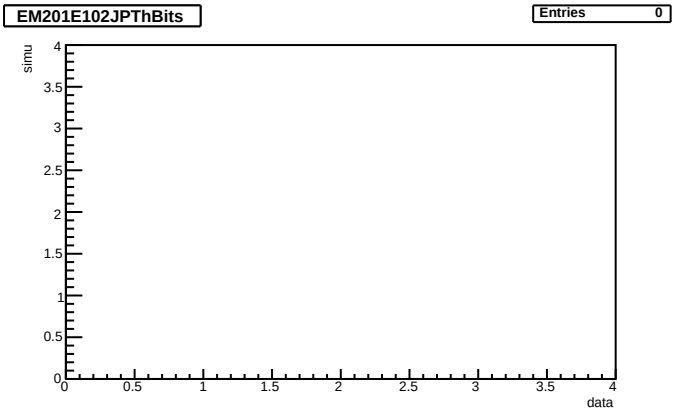

EM201E101JPId
Entries5188716
×10^3
JP partial Id

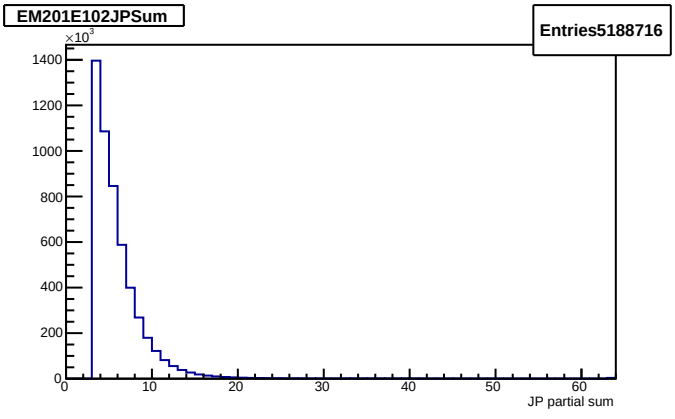

EM201E101JPId
Entries 0
simu
data

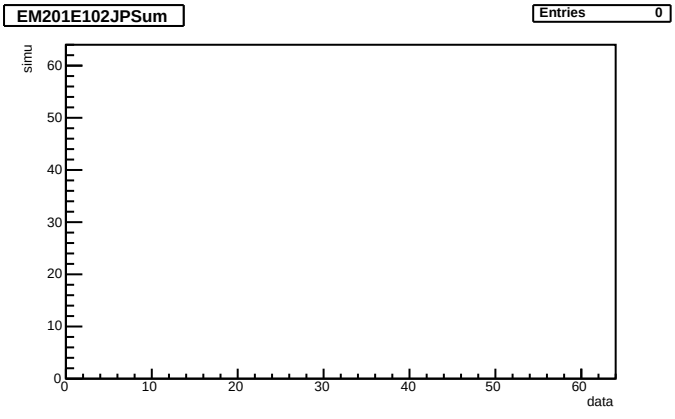

EM201E101Bits
Entries 2.594358e+07
107794
107056
118441
31830
14380
5.08092e+06
5.08166e+06
5.07028e+06
5.15689e+06
5.17434e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

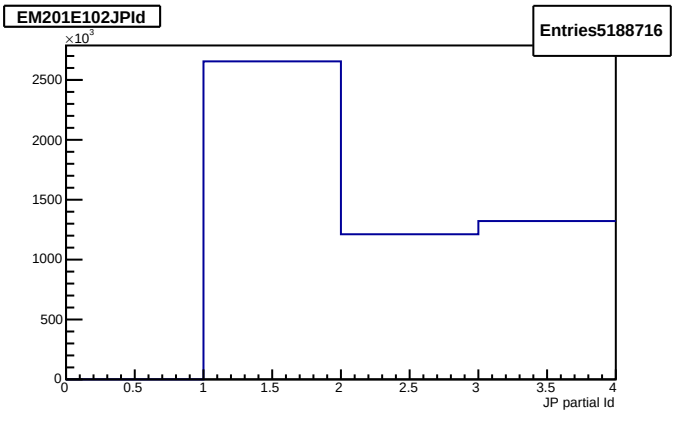

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

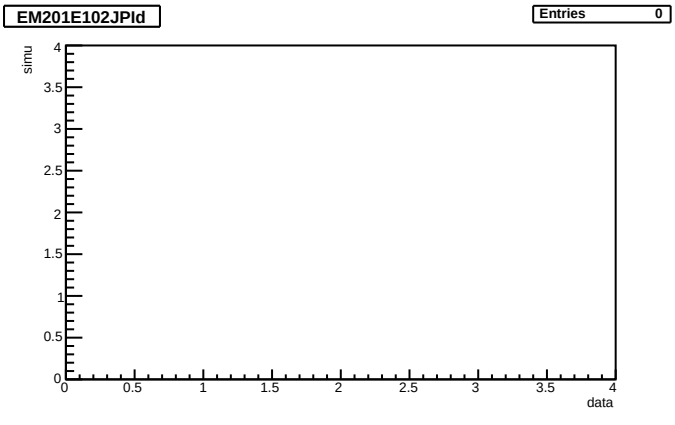

EM201E102JPThBits
Entries5188716
×10^3
JP th bits

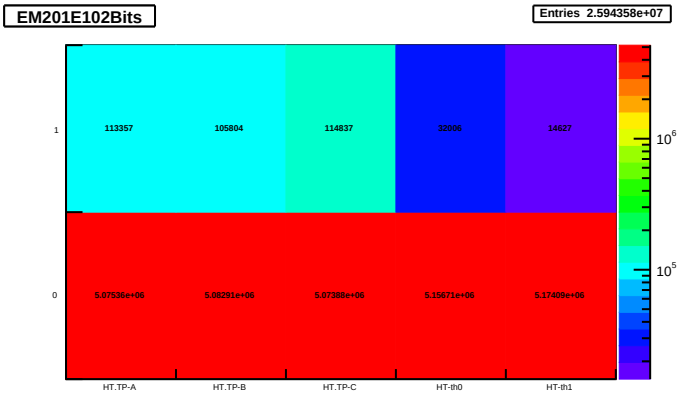

EM201E102JPThBits
Entries 0
simu
data

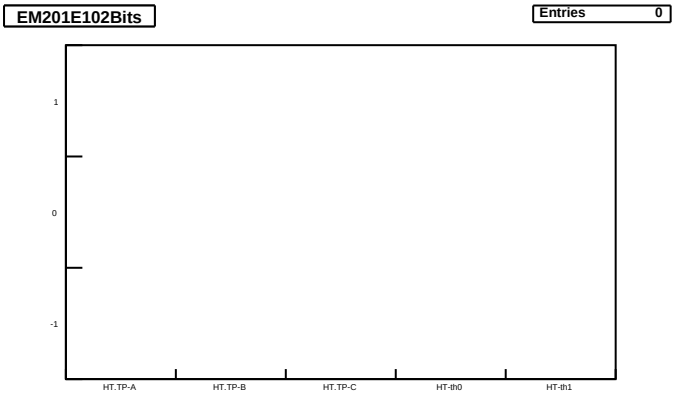

EM201E102JPSum
Entries5188716
×10^3
JP partial sum

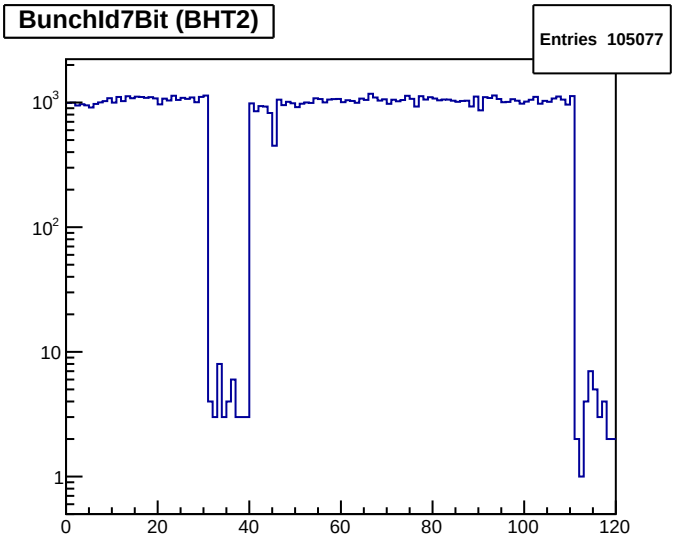

EM201E102JPSum
Entries 0
simu
data

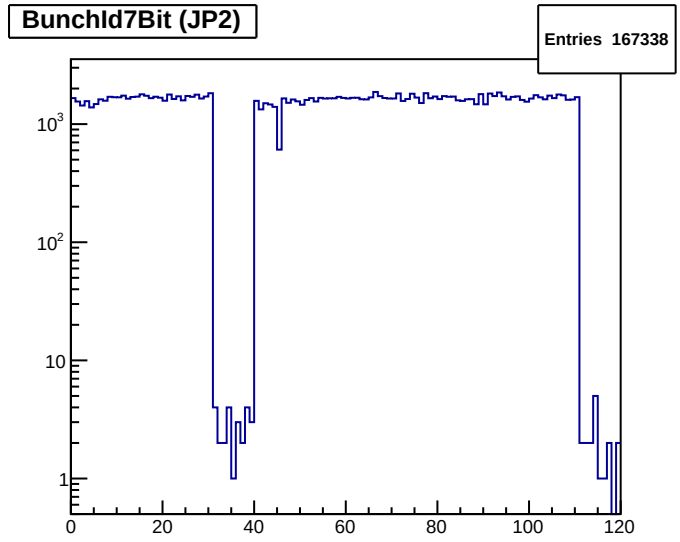

EM201E102JPId
Entries5188716
×10^3
JP partial Id

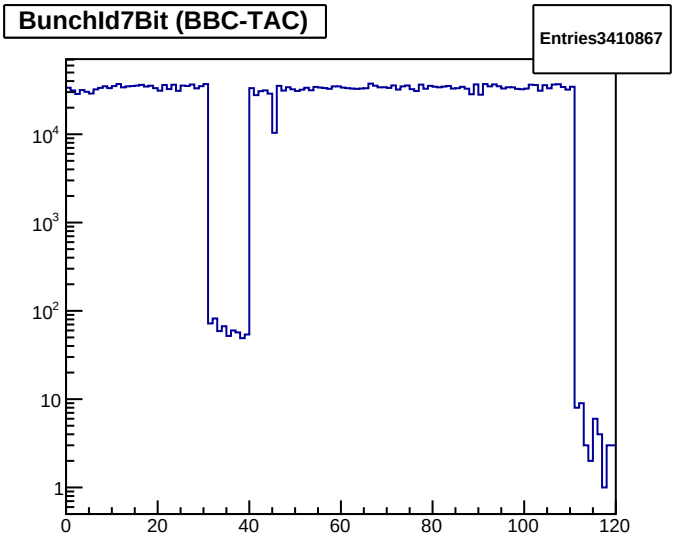

EM201E102JPId
Entries 0
simu
data

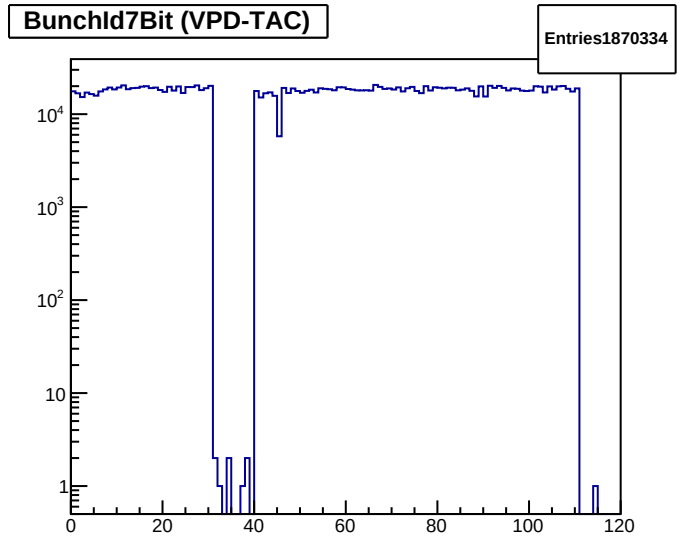

EM201E102Bits
Entries 2.594358e+07
113357
105804
114837
32006
14627
5.07536e+06
5.08291e+06
5.07388e+06
5.15671e+06
5.17409e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

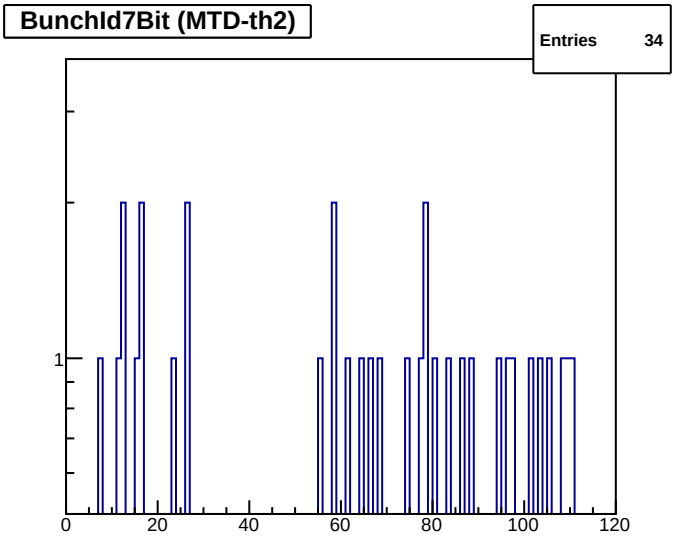

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

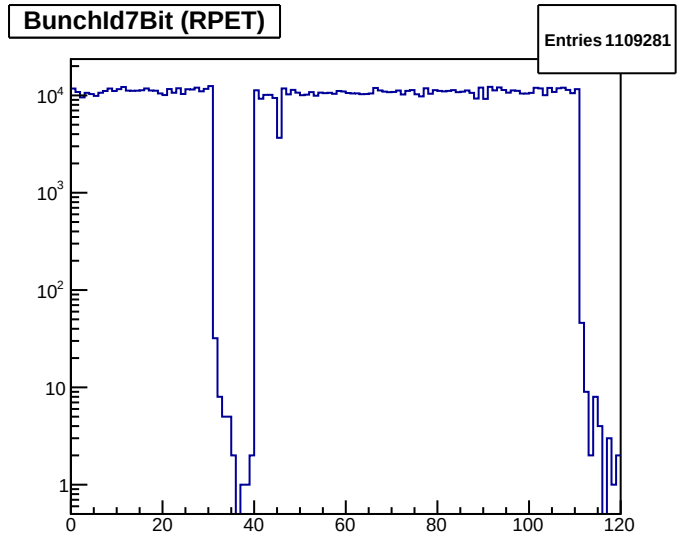

BunchId7Bit (BHT2)
Entries 105077

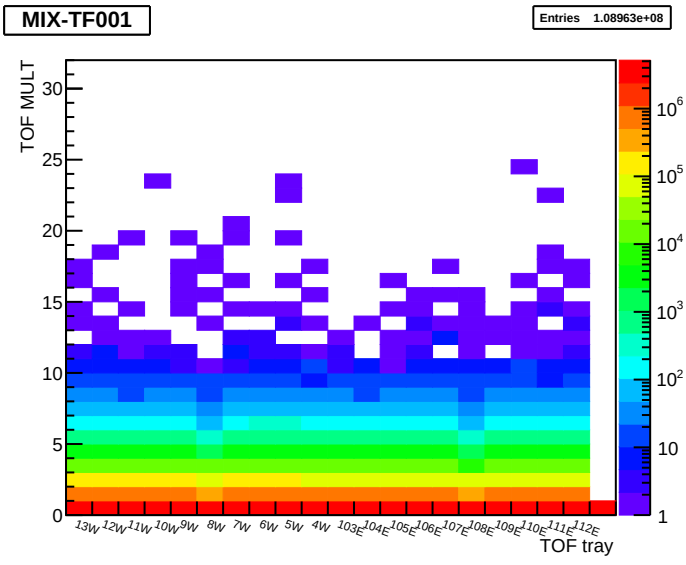

BunchId7Bit (JP2)
Entries 167338

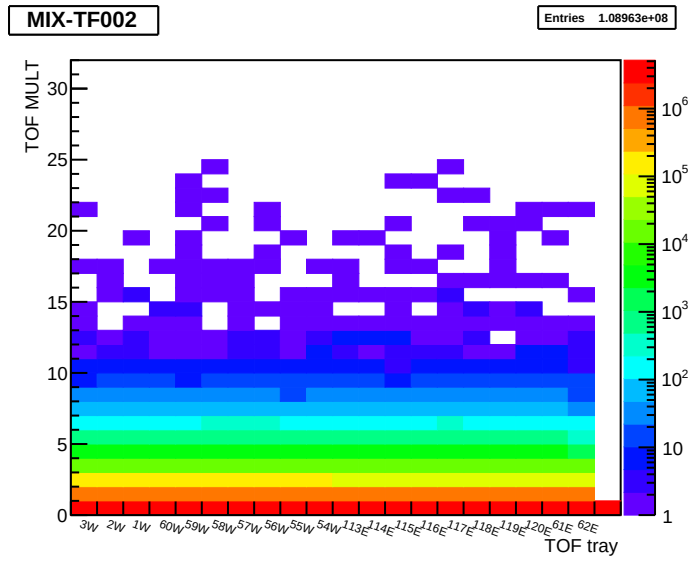

BunchId7Bit (BBC-TAC)
Entries3410867

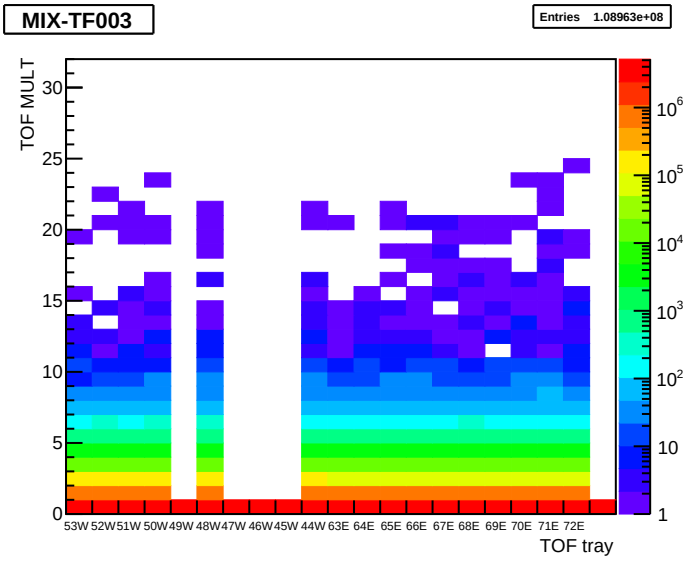

BunchId7Bit (VPD-TAC)
Entries1870334

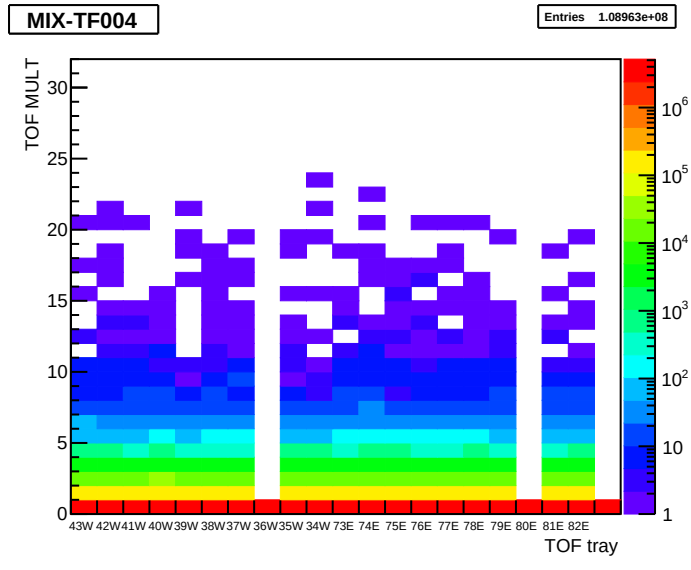

BunchId7Bit (MTD-th2)
Entries 34

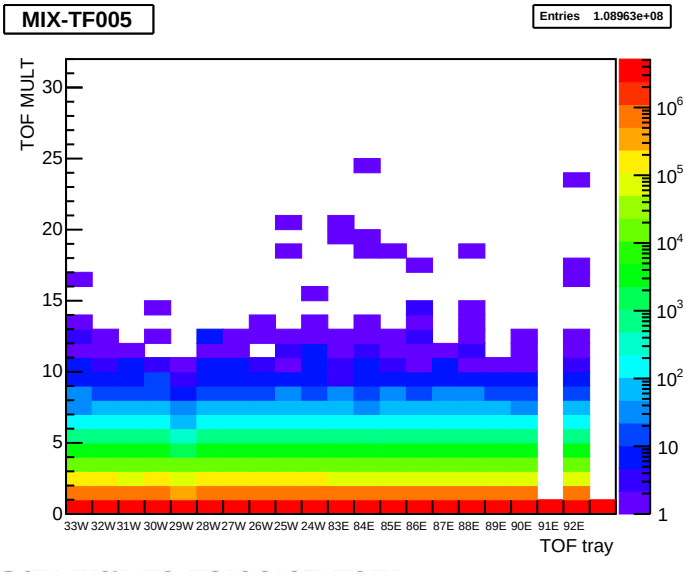

BunchId7Bit (RPET)
Entries 1109281

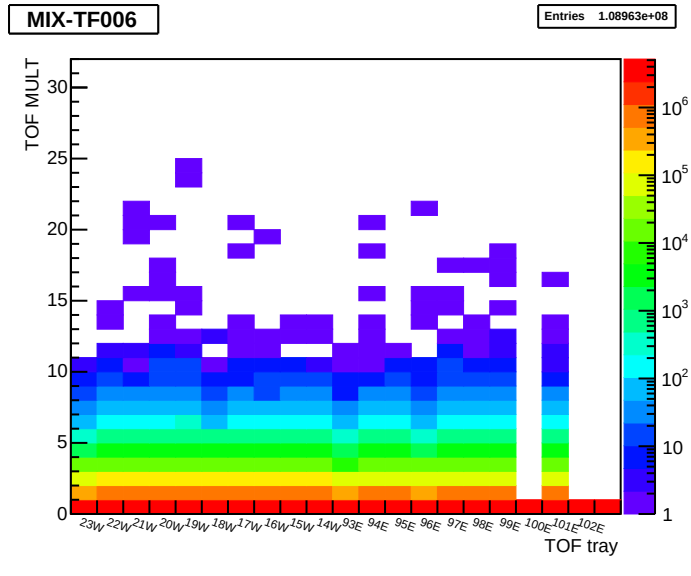

MIX-TF001
Entries 1.08963e+08
TOF MULT
TOF tray

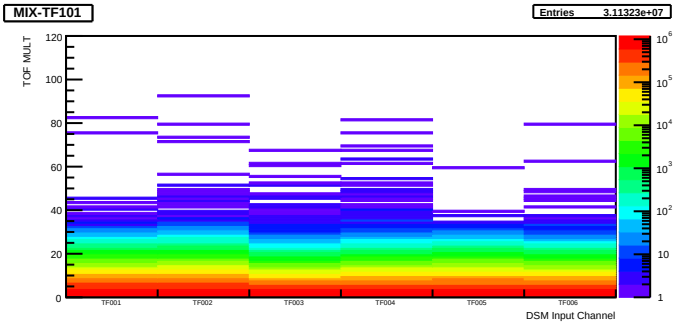

MIX-TF002
Entries 1.08963e+08
TOF MULT
TOF tray

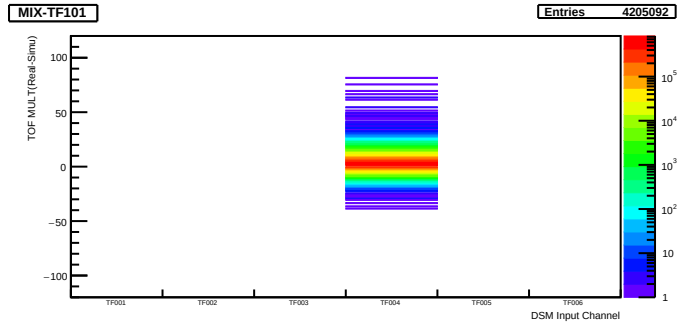

MIX-TF003
Entries 1.08963e+08
TOF MULT
TOF tray

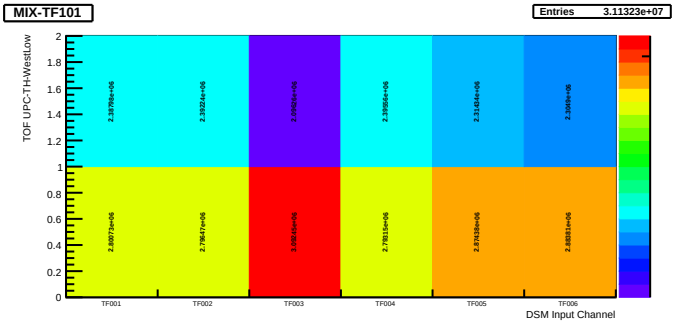

MIX-TF004
Entries 1.08963e+08
TOF MULT
TOF tray

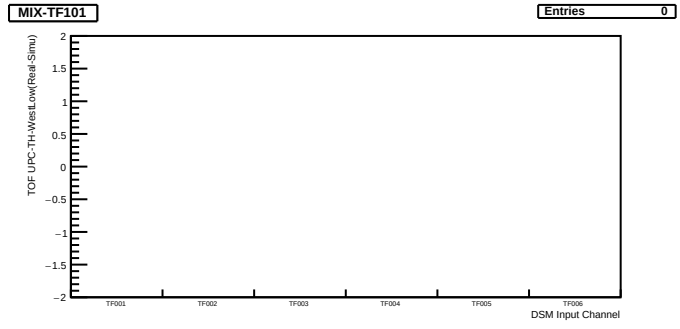

MIX-TF005
Entries 1.08963e+08
TOF MULT
TOF tray

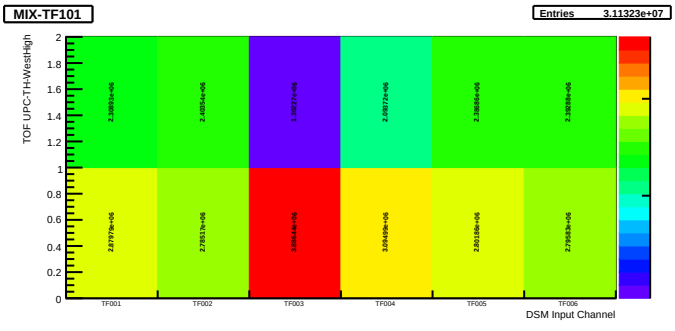

MIX-TF006
Entries 1.08963e+08
TOF MULT
TOF tray

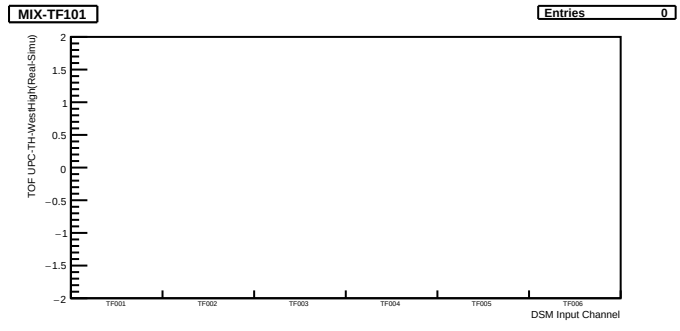

MIX-TF101
Entries 3.11323e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

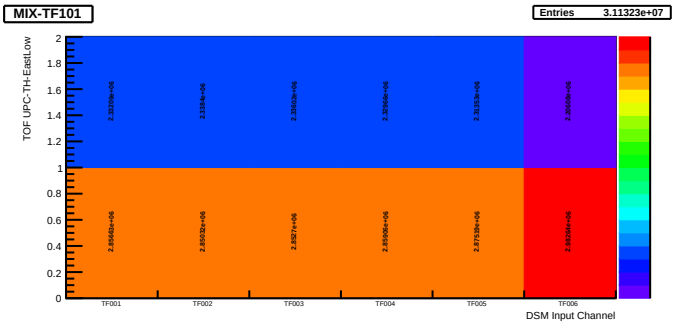

MIX-TF101
Entries 4205092
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

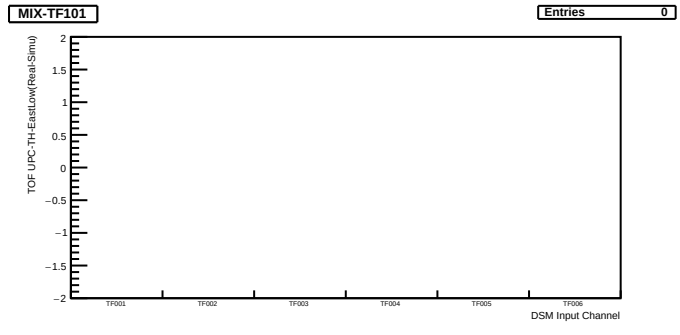

MIX-TF101
Entries 3.11323e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

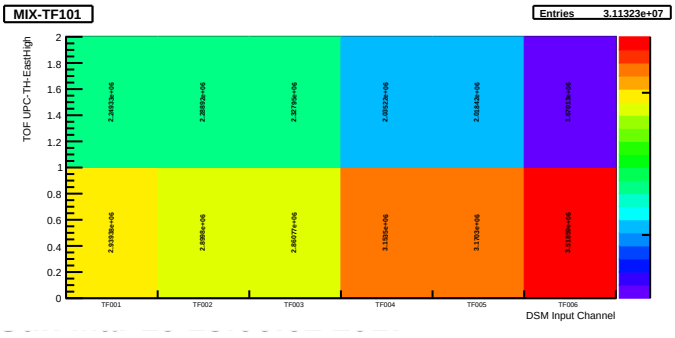

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

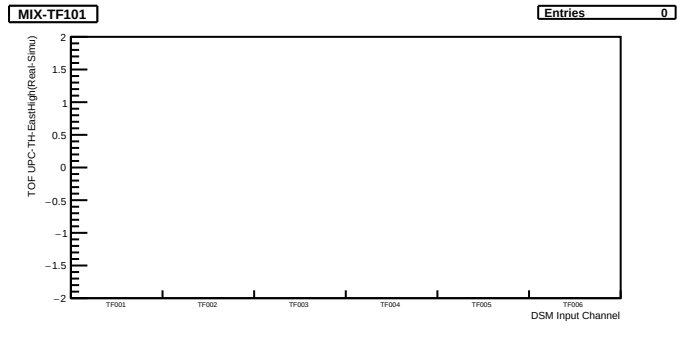

MIX-TF101
Entries 3.11323e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

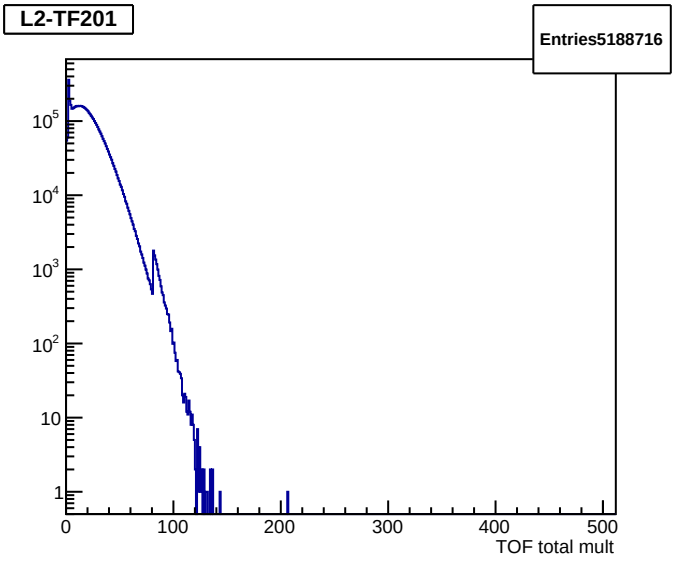

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

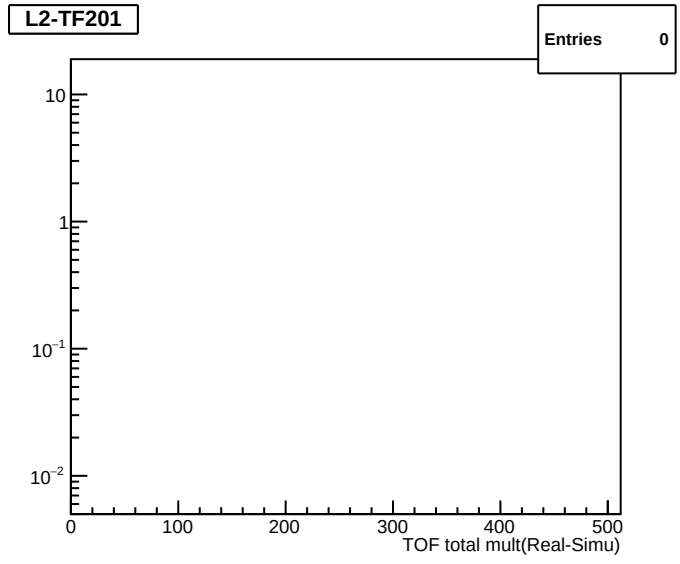

MIX-TF101
Entries 3.11323e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

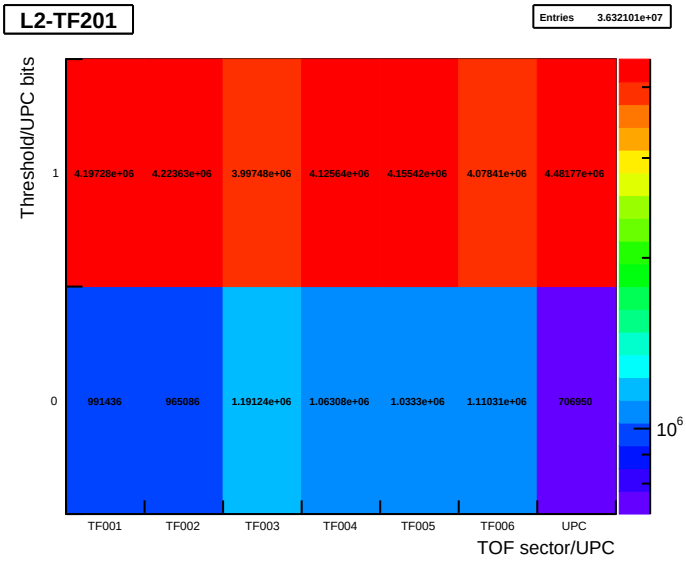

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

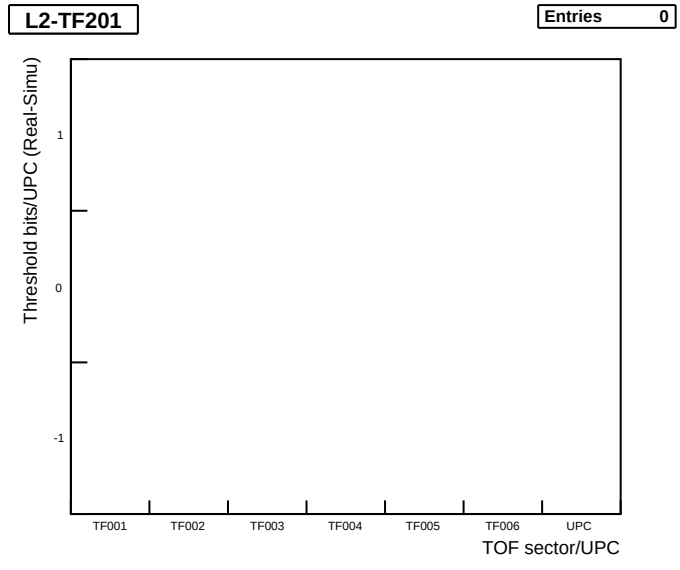

MIX-TF101
Entries 3.11323e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

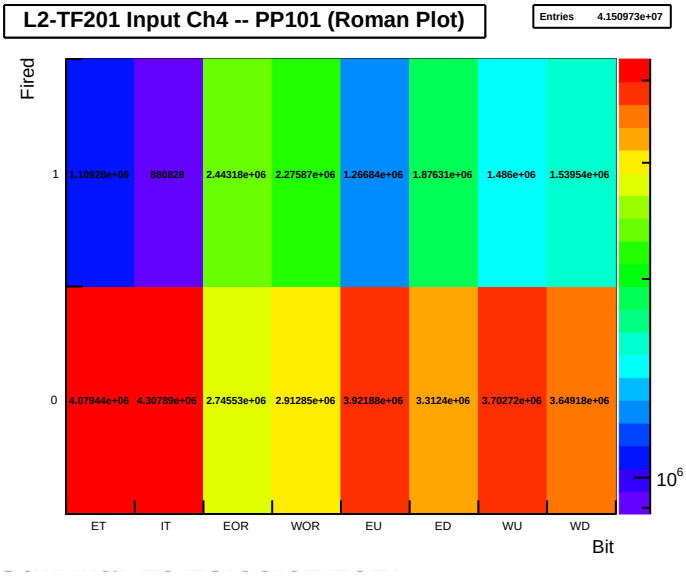

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

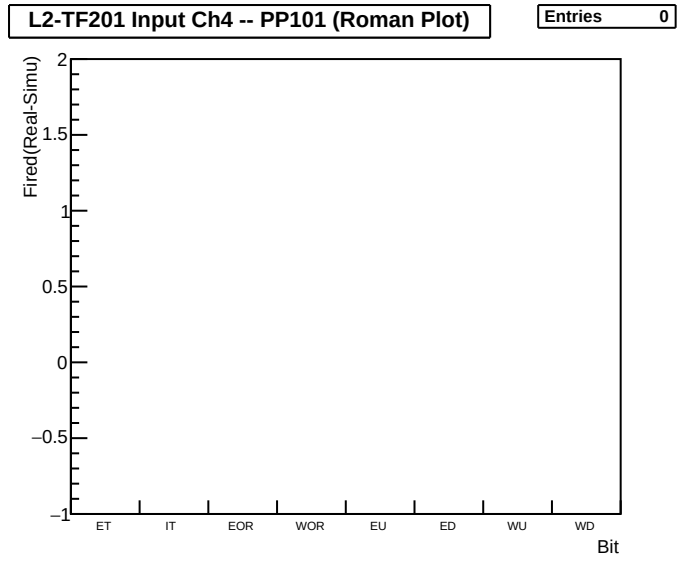

L2-TF201
Entries5188716
TOF total mult

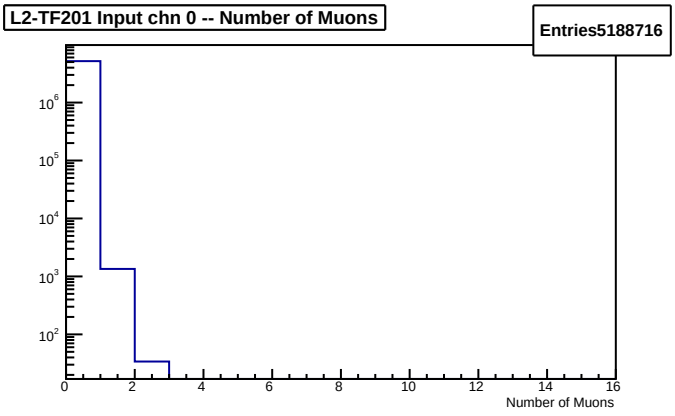

L2-TF201
Entries 0
TOF total mult(Real-Simu)

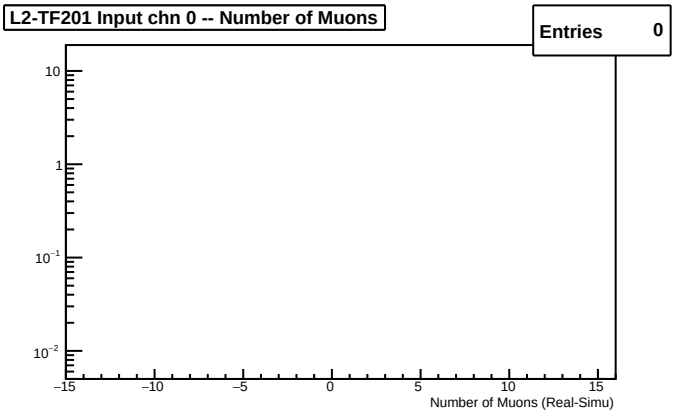

L2-TF201
Entries 3.632101e+07
Threshold/UPC bits
4.19728e+06
4.22363e+06
3.99748e+06
4.12564e+06
4.15542e+06
4.07841e+06
4.48177e+06
991436
965086
1.19124e+06
1.06308e+06
1.0333e+06
1.11031e+06
706950
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

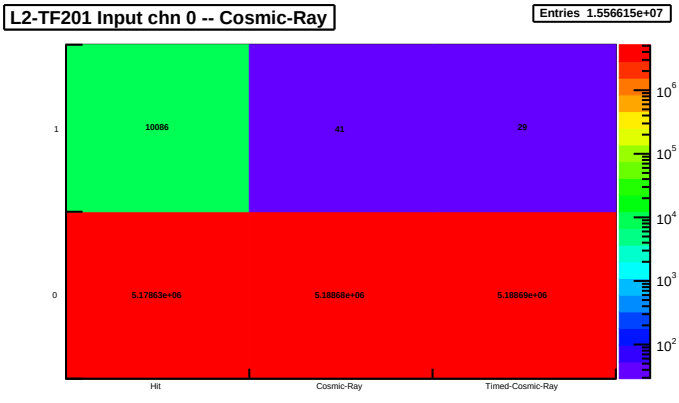

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

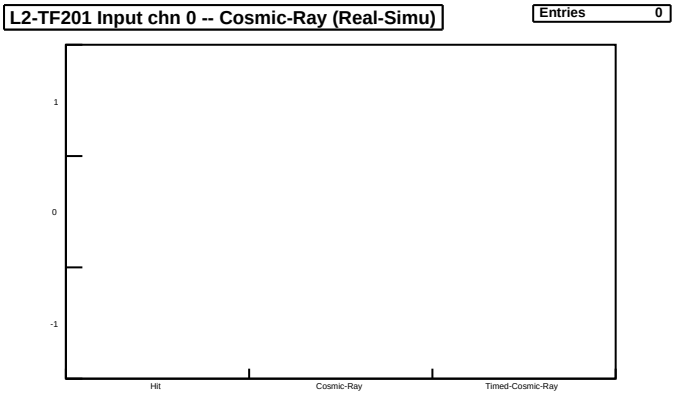

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.150973e+07
Fired
1.10928e+06
880828
2.44318e+06
2.27587e+06
1.26684e+06
1.87631e+06
1.486e+06
1.53954e+06
4.07944e+06
4.30789e+06
2.74553e+06
2.91285e+06
3.92188e+06
3.3124e+06
3.70272e+06
3.64918e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

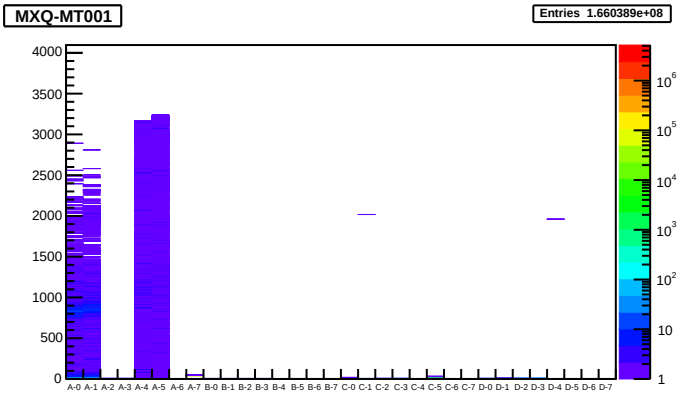

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

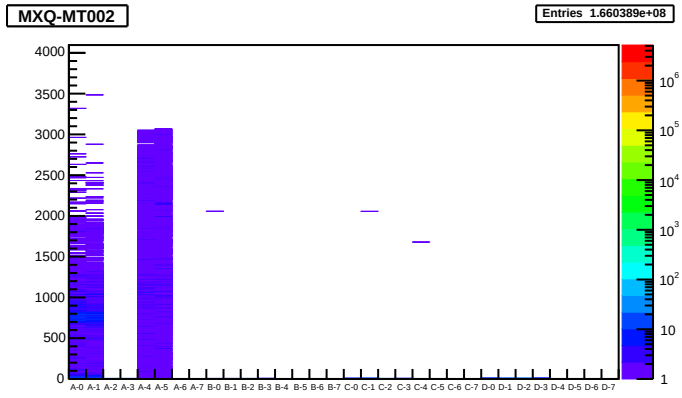

L2-TF201 Input chn 0 -- Number of Muons
Entries5188716
Number of Muons

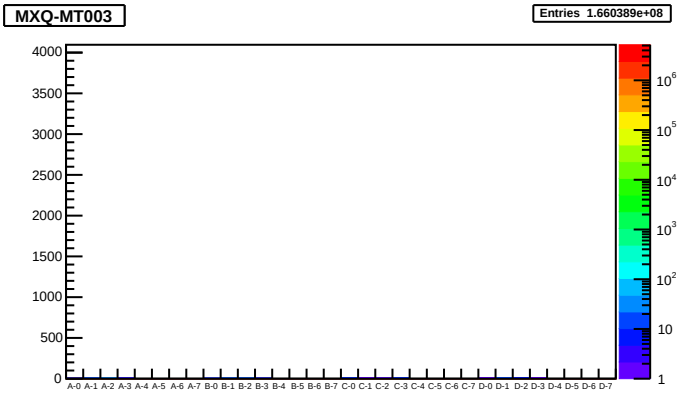

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

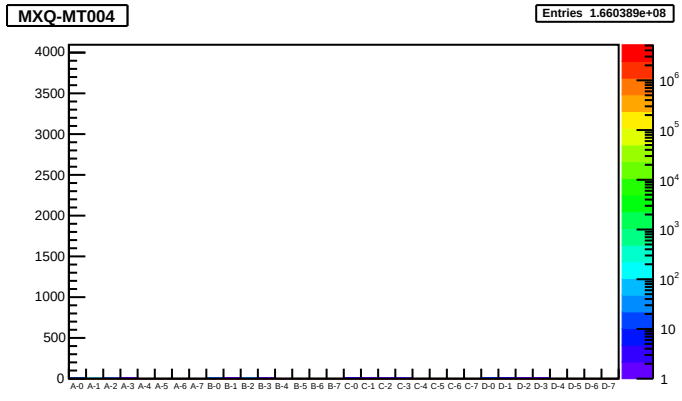

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.556615e+07
10086
41
29
5.17863e+06
5.18868e+06
5.18869e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

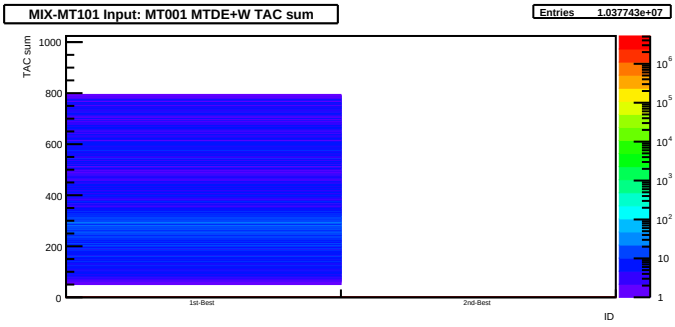

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

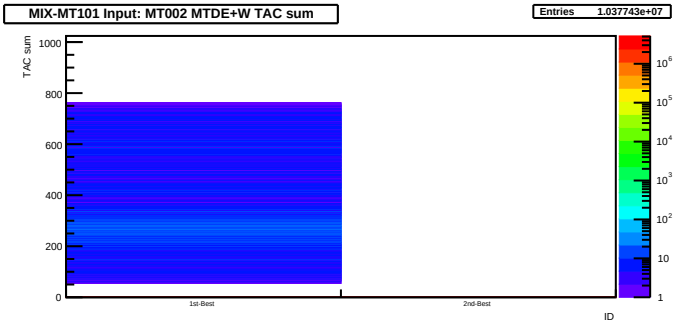

MXQ-MT001
Entries 1.660389e+08

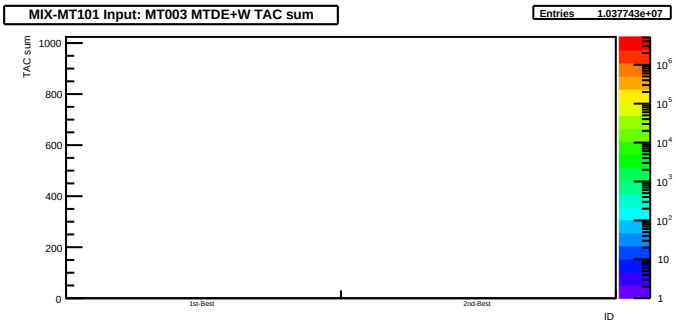

MXQ-MT002
Entries 1.660389e+08

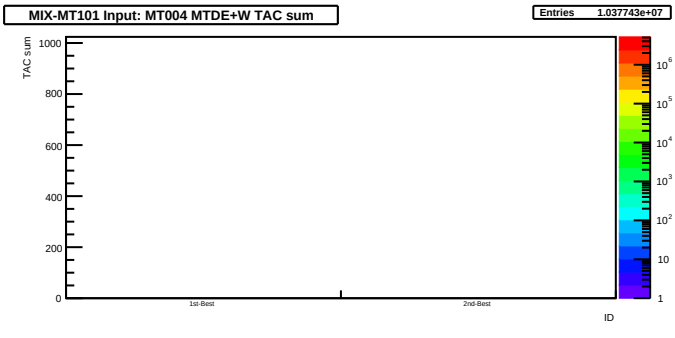

MXQ-MT003
Entries 1.660389e+08

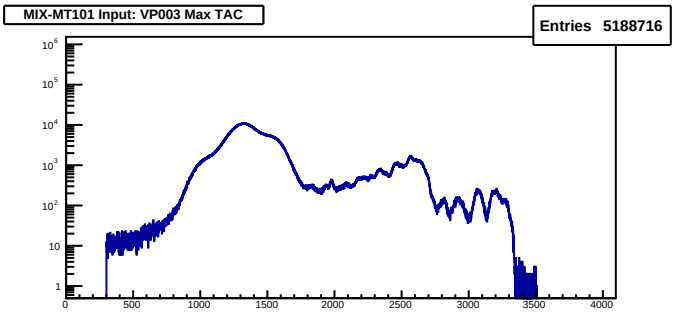

MXQ-MT004
Entries 1.660389e+08

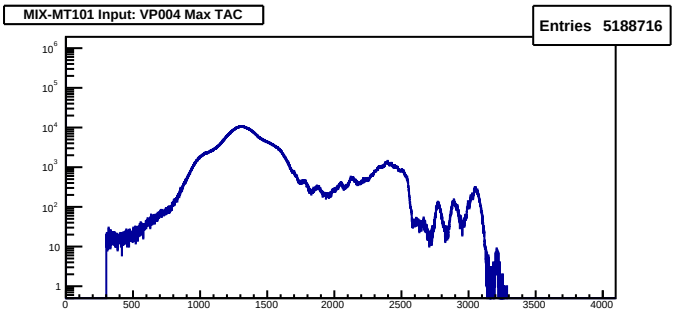

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.037743e+07
TAC sum
1st-Best
2nd-Best
ID

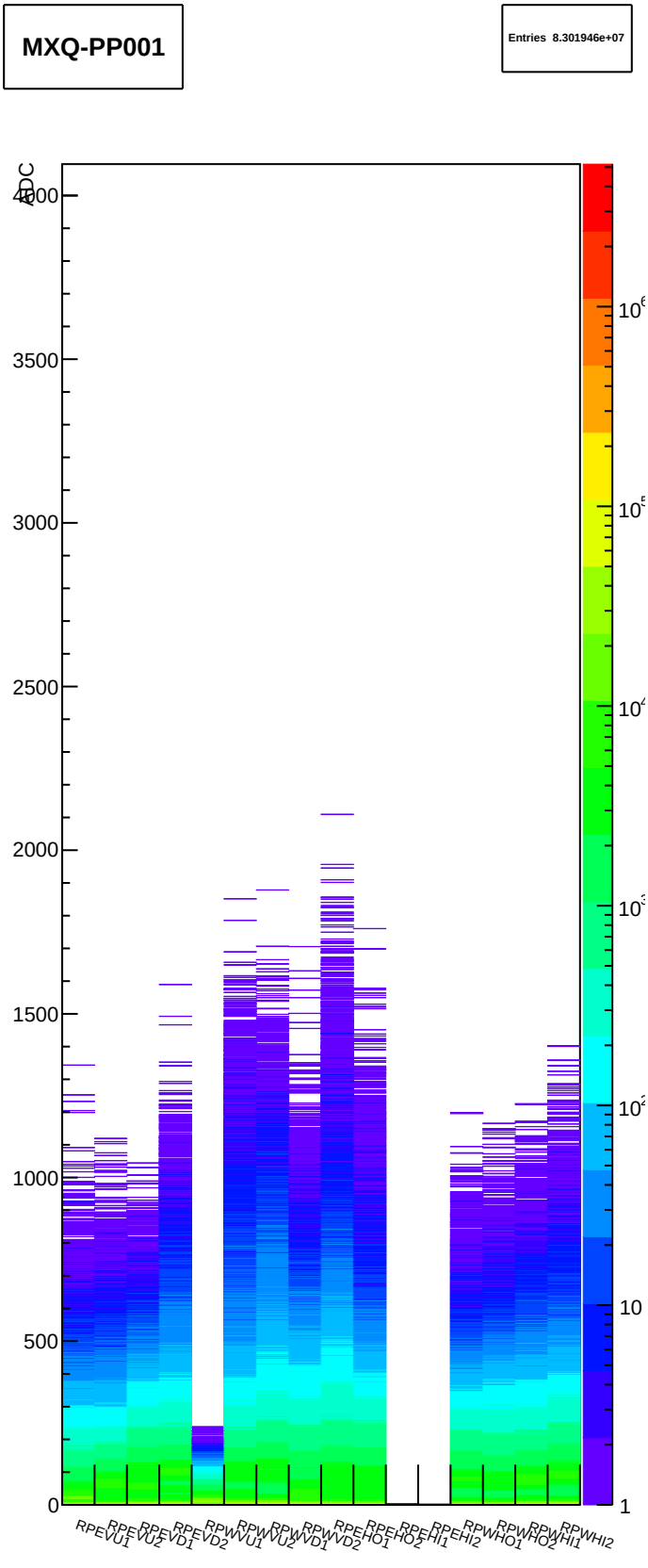

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.037743e+07
TAC sum
1st-Best
2nd-Best
ID

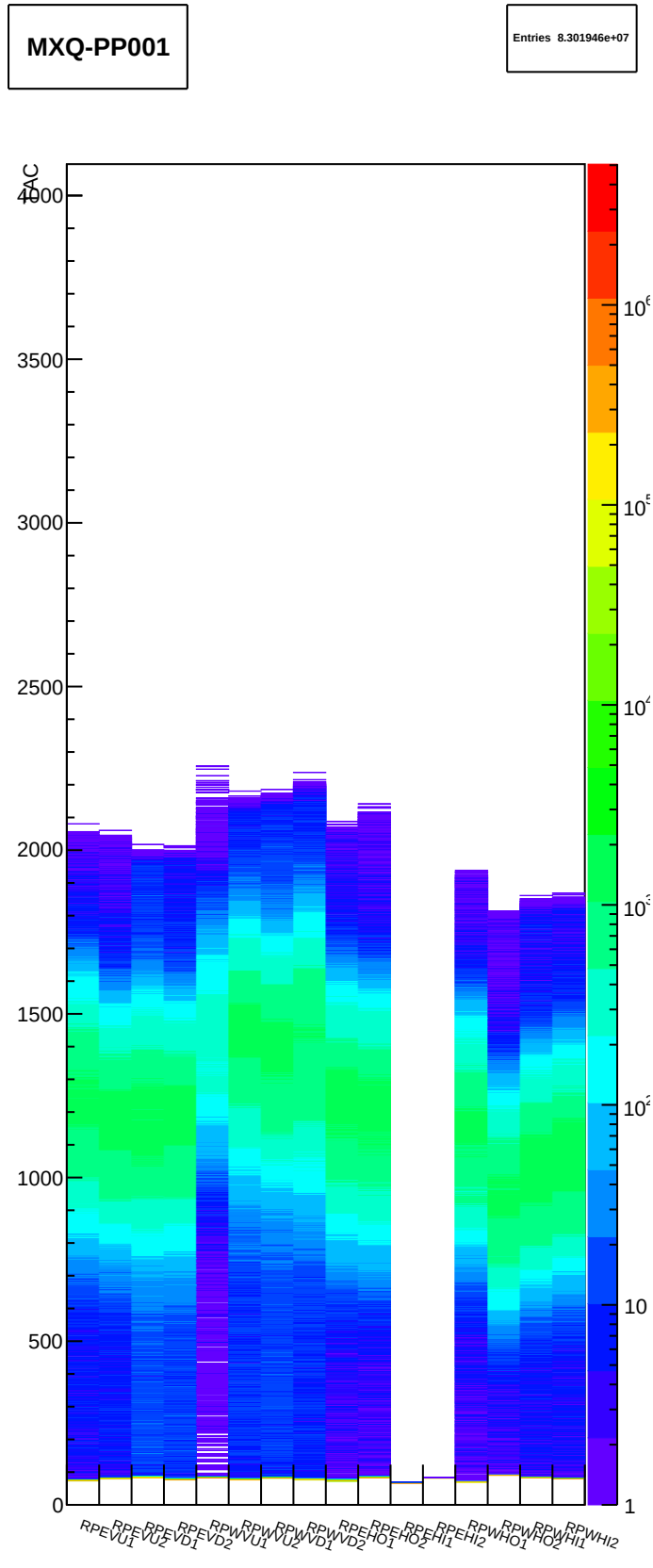

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.037743e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.037743e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5188716


MIX-MT101 Input: VP004 Max TAC
Entries 5188716


MXQ-PP001
Entries 8.301946e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 8.301946e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
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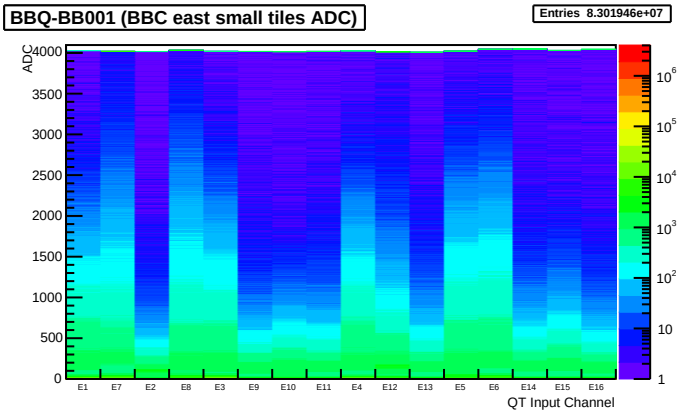
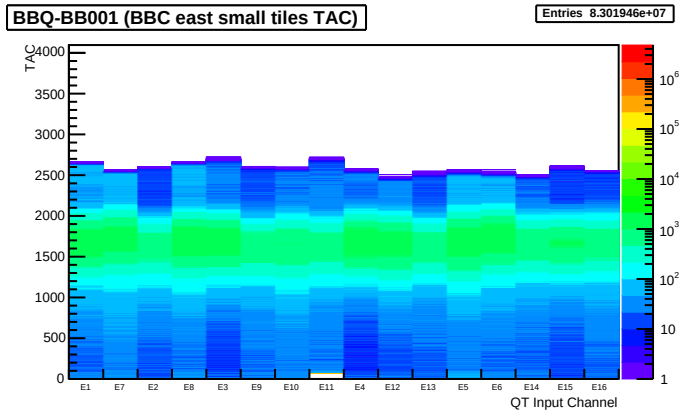
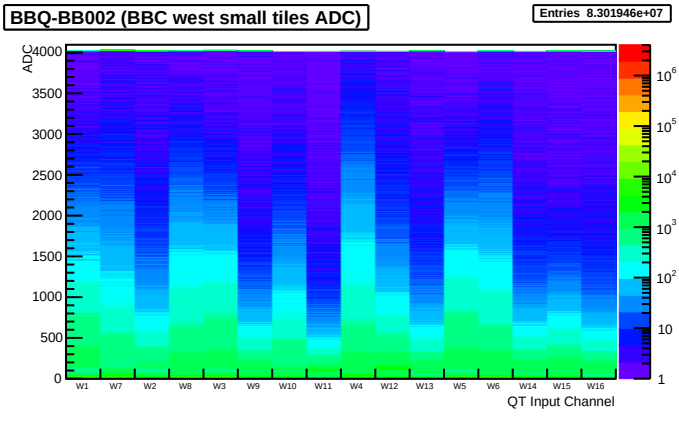
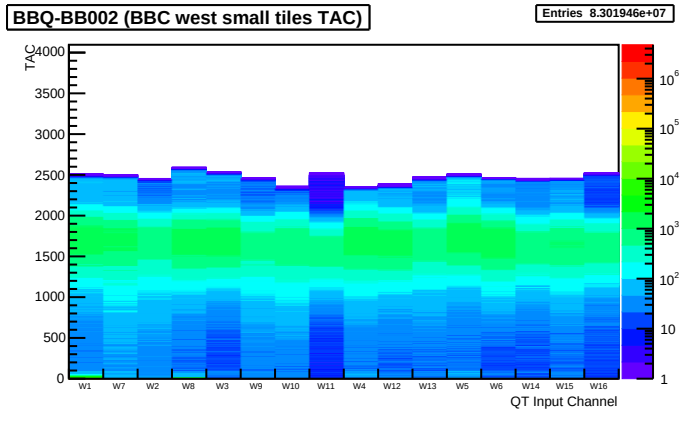
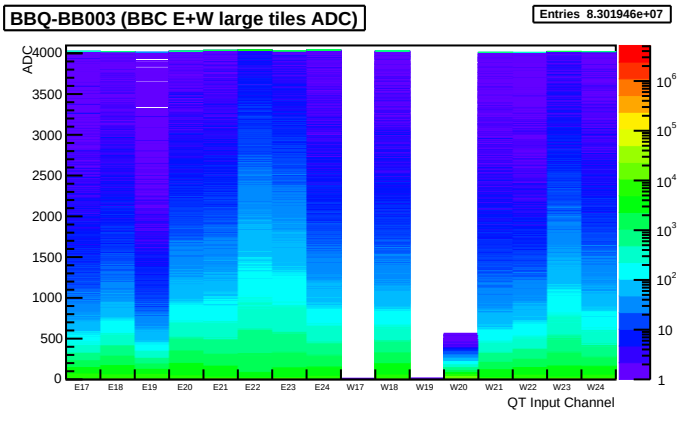
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

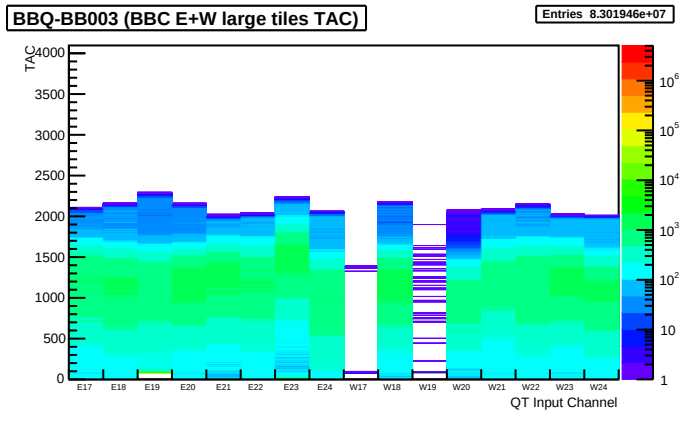

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.301946e+07
ADC
QT Input Channel

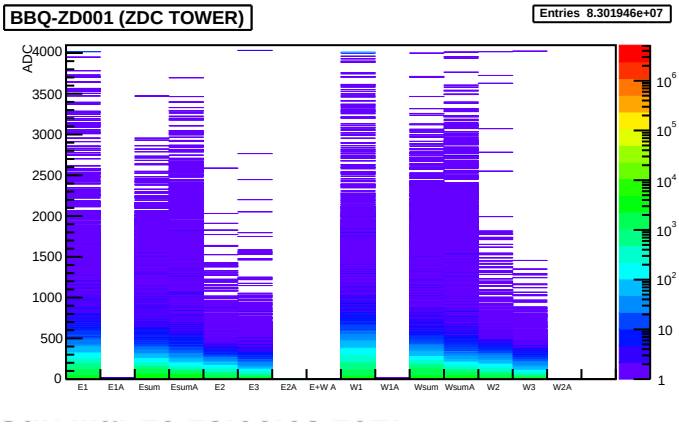

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.301946e+07
TAC
QT Input Channel

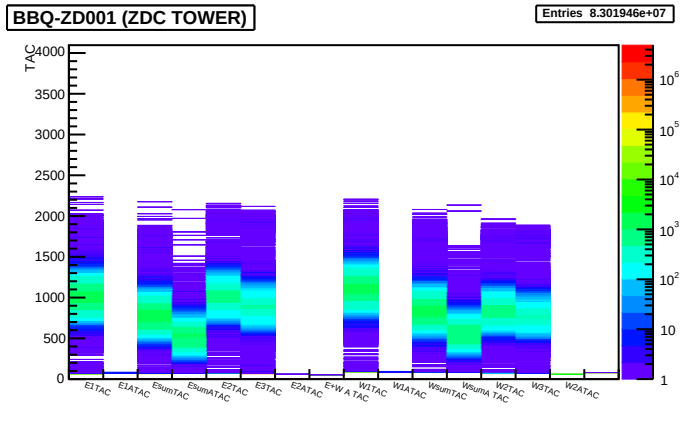

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.301946e+07
ADC
QT Input Channel

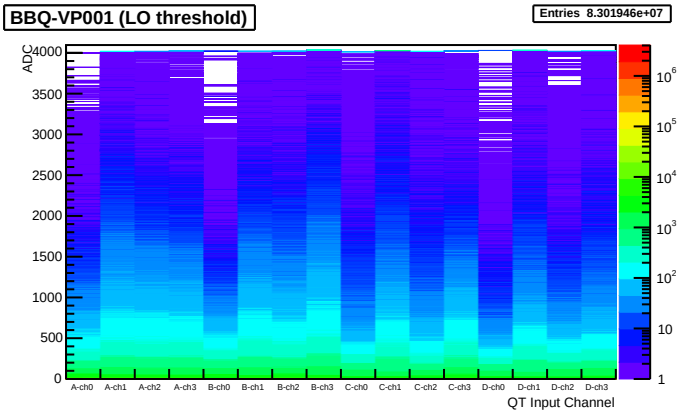

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.301946e+07
TAC
QT Input Channel

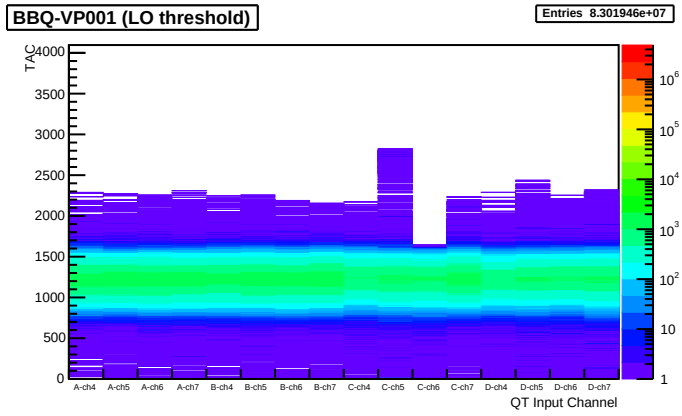

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.301946e+07
ADC
QT Input Channel

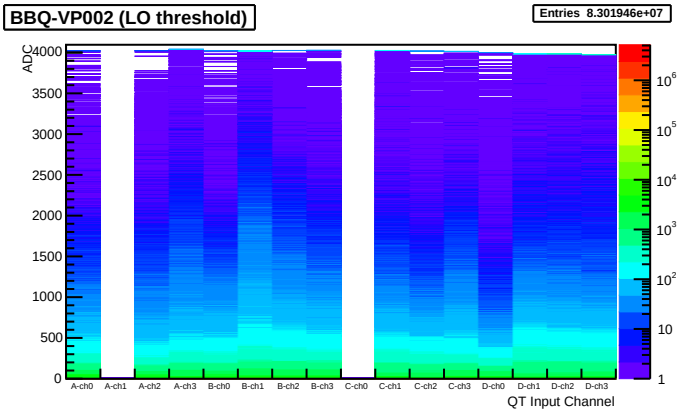

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.301946e+07
TAC
QT Input Channel

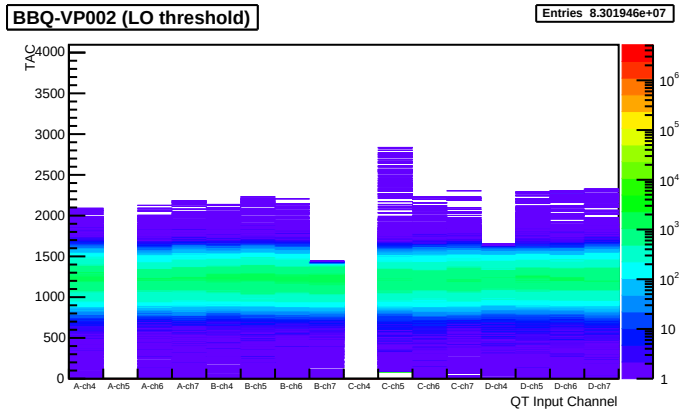

BBQ-ZD001 (ZDC TOWER)
Entries 8.301946e+07
ADC

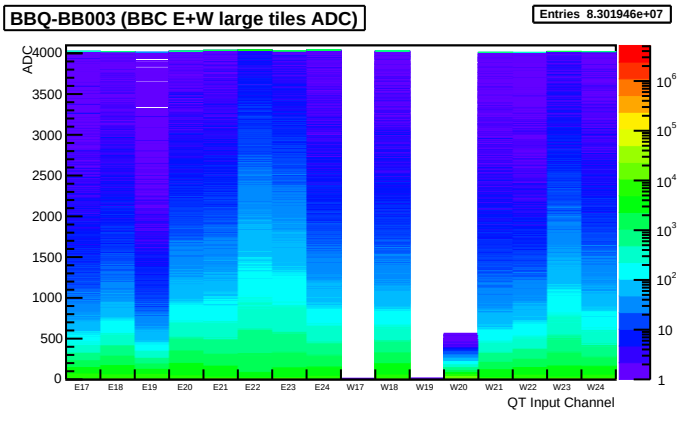

BBQ-ZD001 (ZDC TOWER)
Entries 8.301946e+07
TAC

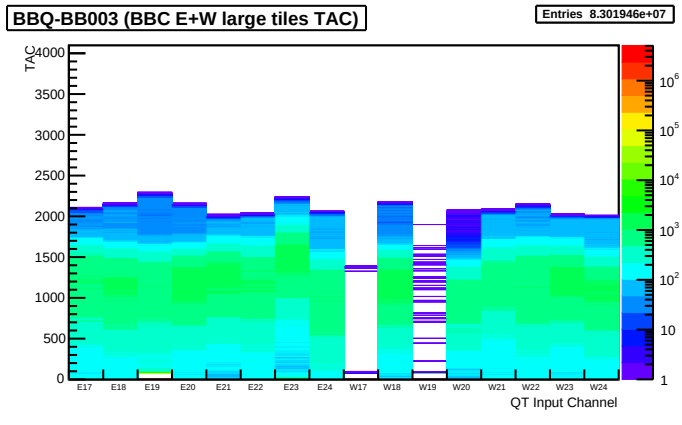

BBQ-VP001 (LO threshold)
Entries 8.301946e+07
ADC
QT Input Channel

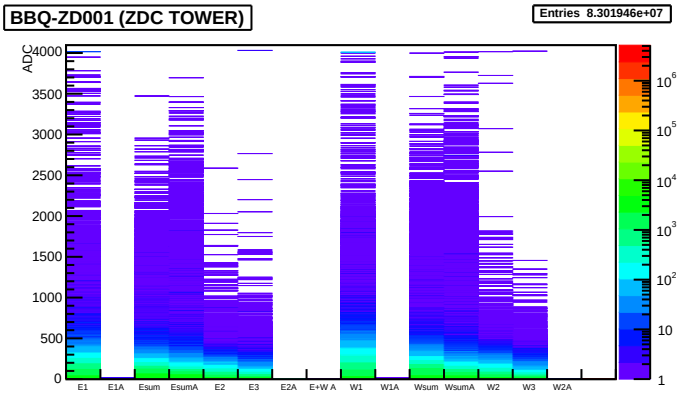

BBQ-VP001 (LO threshold)
Entries 8.301946e+07
TAC
QT Input Channel

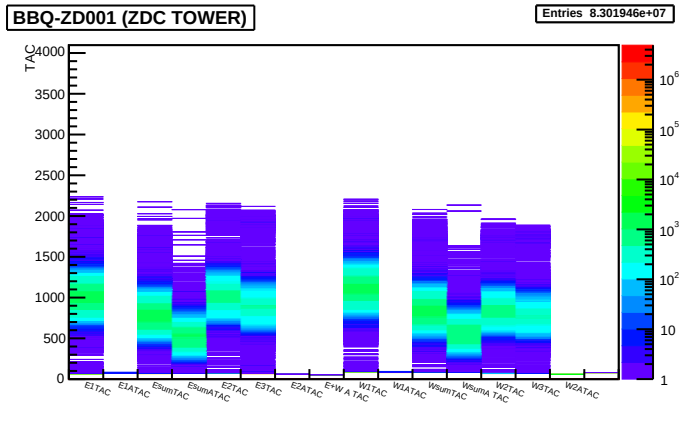

BBQ-VP002 (LO threshold)
Entries 8.301946e+07
ADC
QT Input Channel

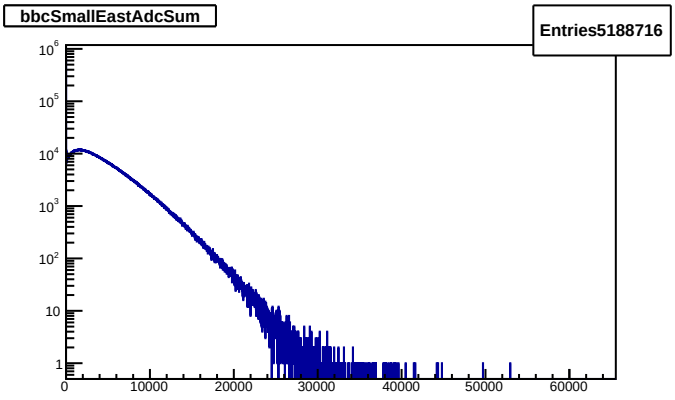

BBQ-VP002 (LO threshold)
Entries 8.301946e+07
TAC
QT Input Channel

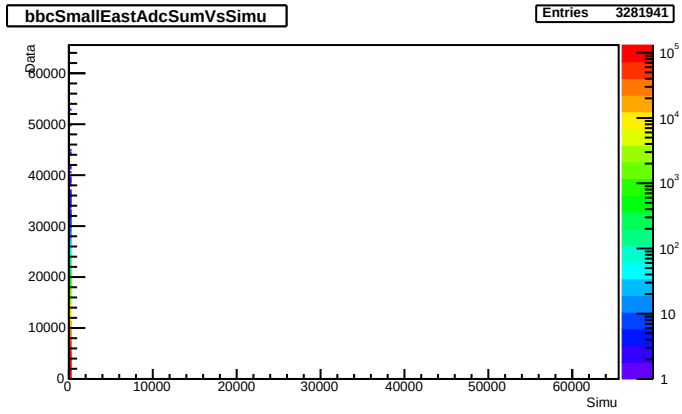

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.301946e+07
ADC
QT Input Channel

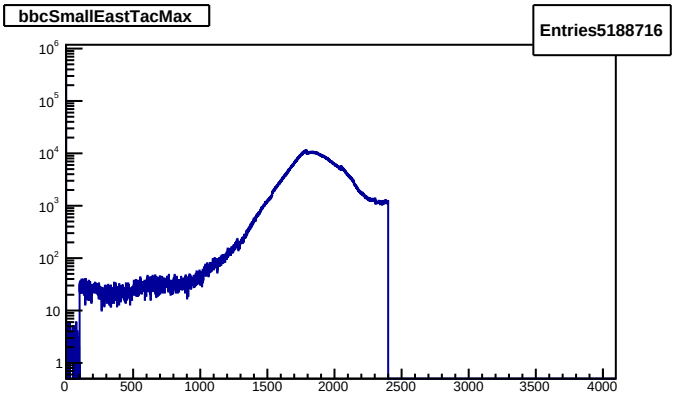

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.301946e+07
TAC
QT Input Channel

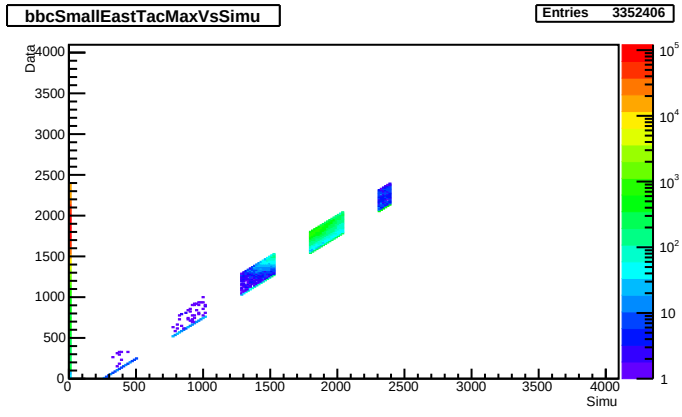

BBQ-ZD001 (ZDC TOWER)
Entries 8.301946e+07
ADC

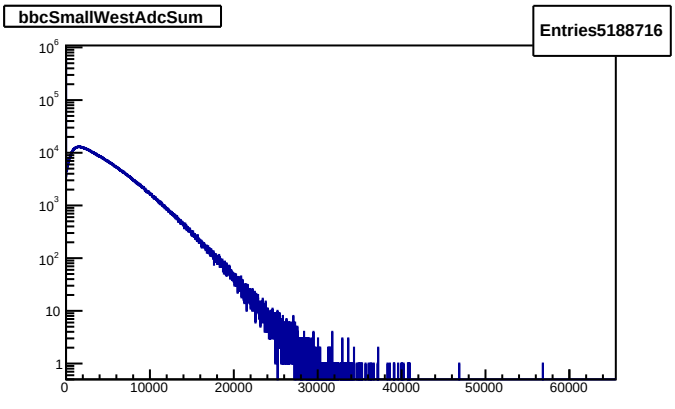

BBQ-ZD001 (ZDC TOWER)
Entries 8.301946e+07
TAC

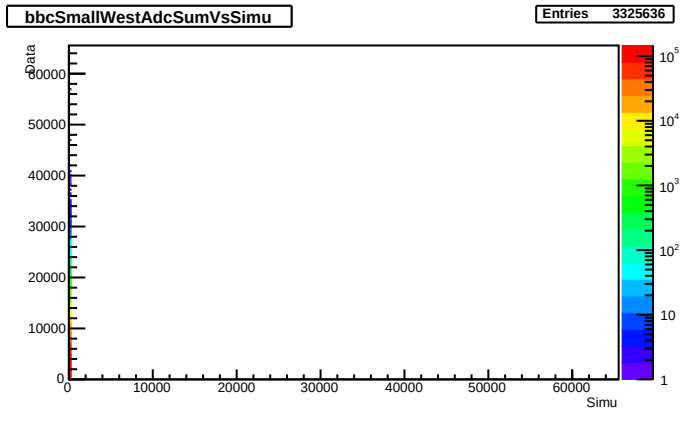

bbcSmallEastAdcSum
Entries5188716

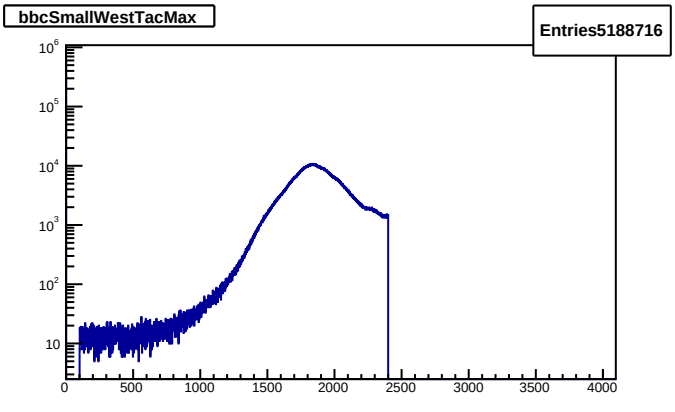

bbcSmallEastAdcSumVsSimu
Entries 3281941
Data
Simu

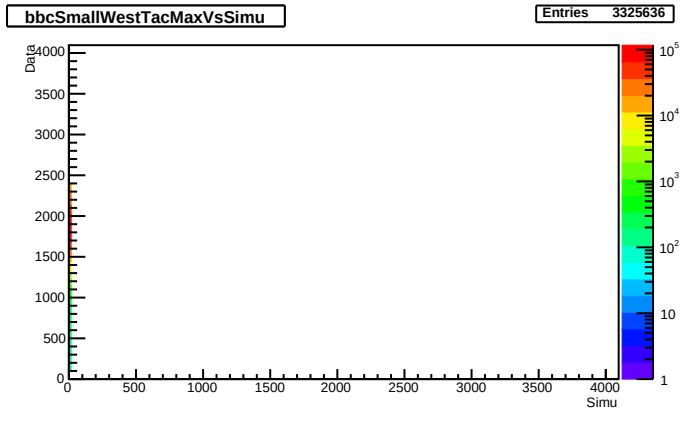

bbcSmallEastTacMax
Entries5188716

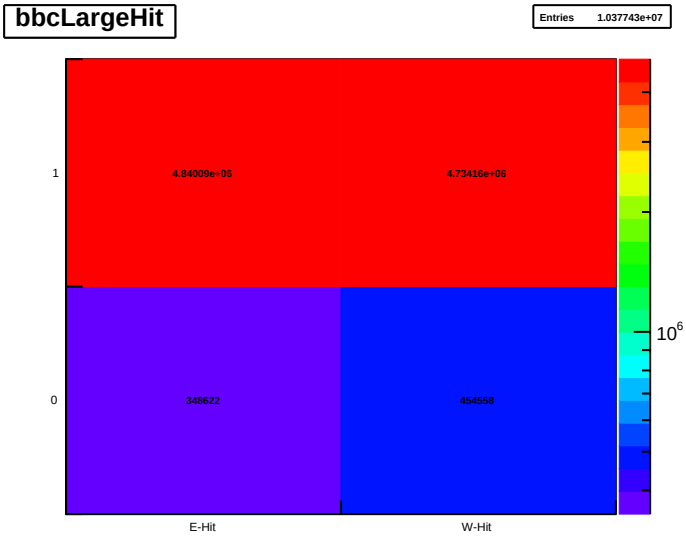

bbcSmallEastTacMaxVsSimu
Entries 3352406
Data
Simu

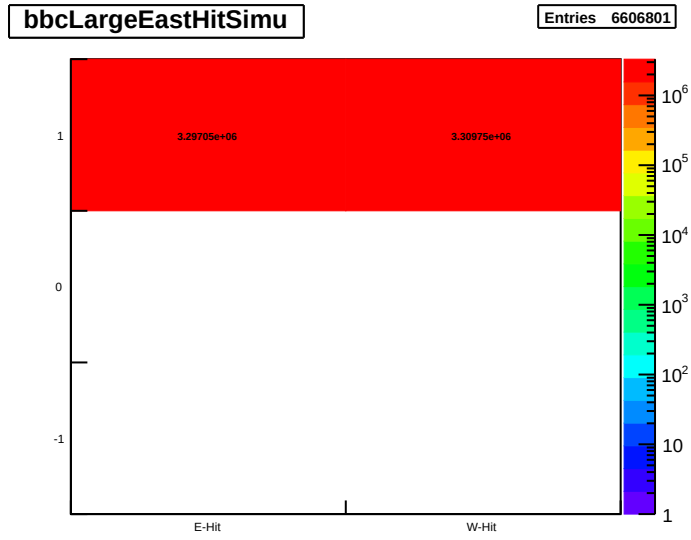

bbcSmallWestAdcSum
Entries5188716

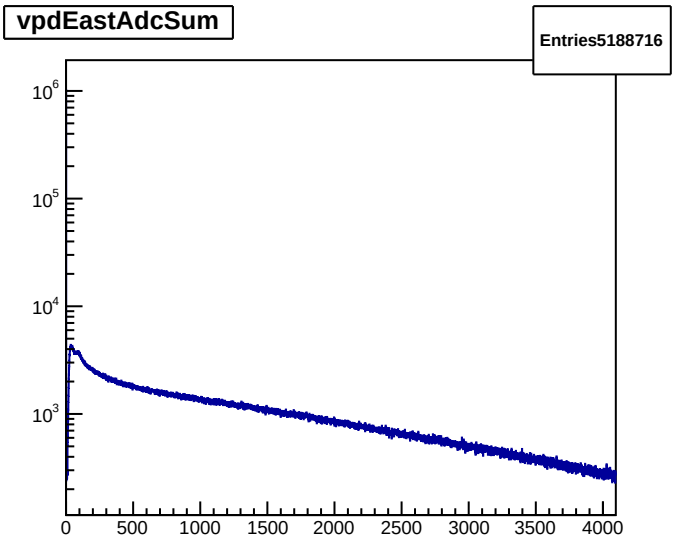

bbcSmallWestAdcSumVsSimu
Entries 3325636
Data
Simu

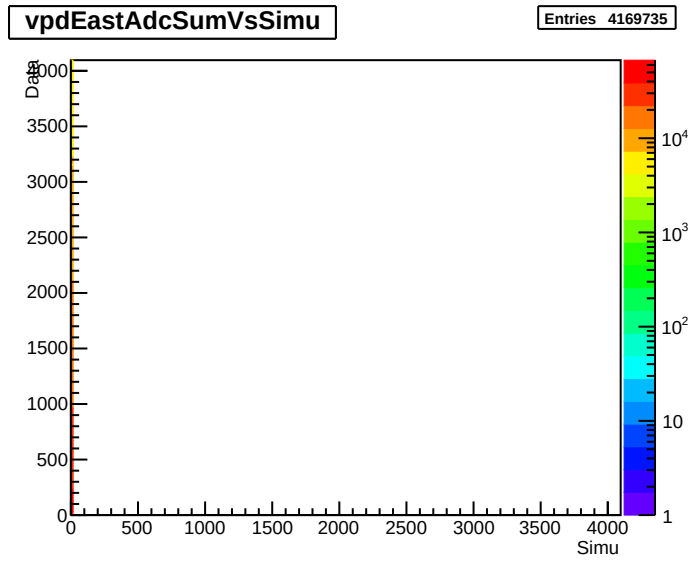

bbcSmallWestTacMax
Entries5188716

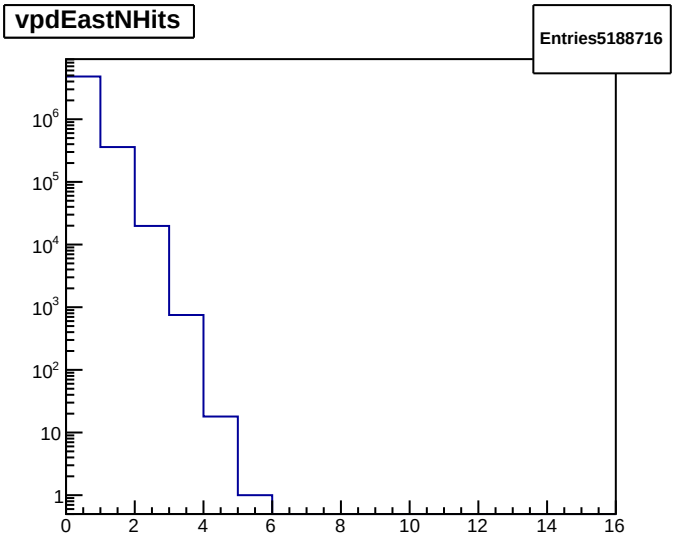

bbcSmallWestTacMaxVsSimu
Entries 3325636
Data
Simu

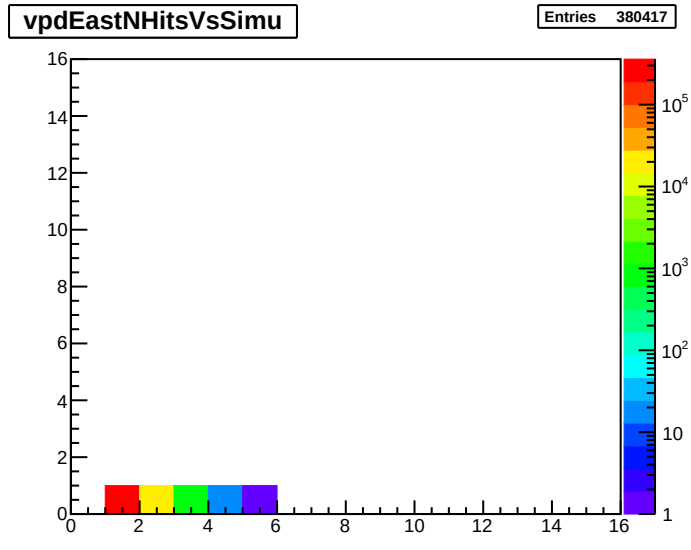

bbcLargeHit
Entries 1.037743e+07
1
0
4.84009e+06
4.73416e+06
348622
454558
E-Hit
W-Hit
10^6

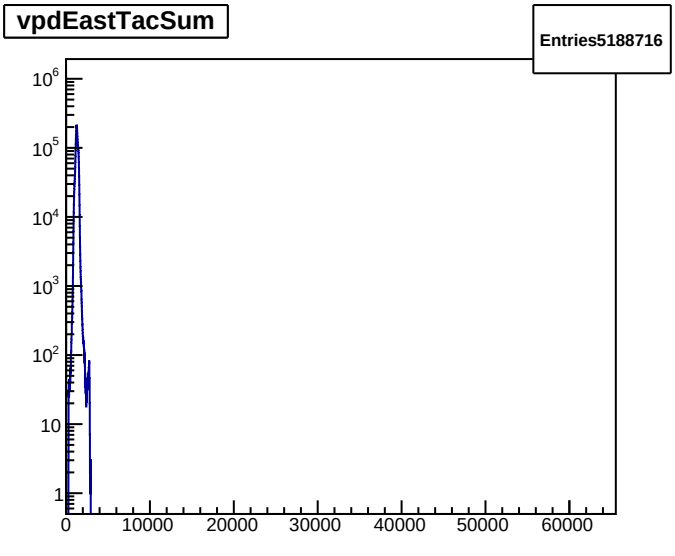

bbcLargeEastHitSimu
Entries 6606801
1
0
-1
3.29705e+06
3.30975e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

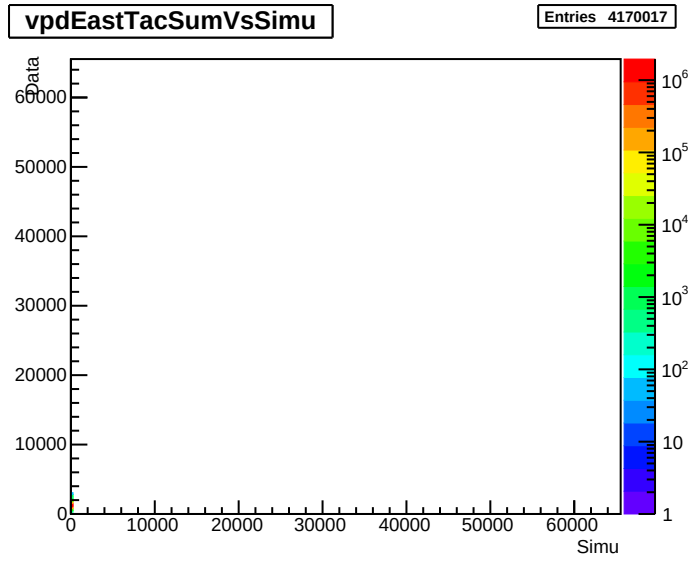

vpdEastAdcSum
Entries5188716

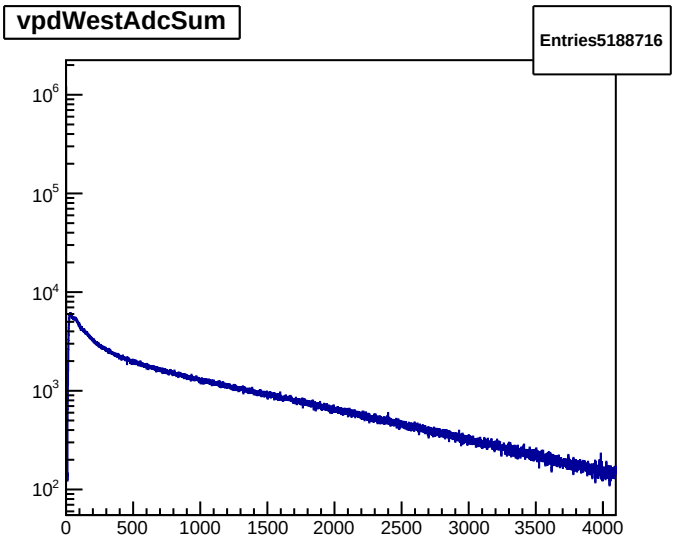

vpdEastAdcSumVsSimu
Entries 4169735
Data
Simu

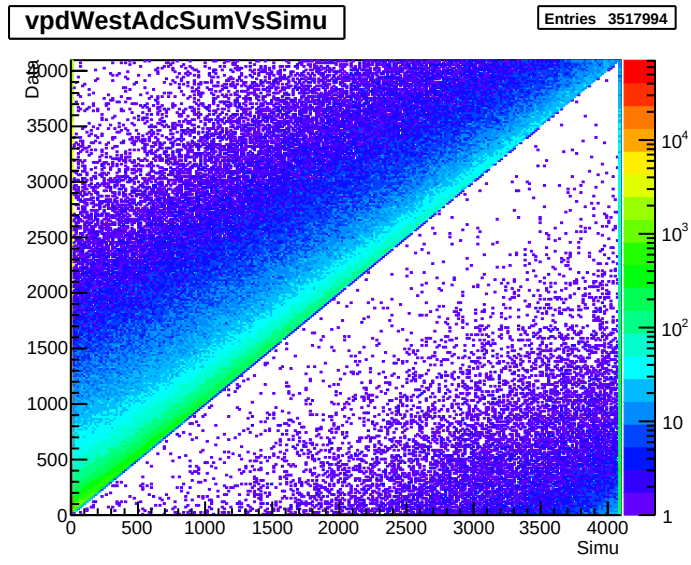

vpdEastNHits
Entries5188716

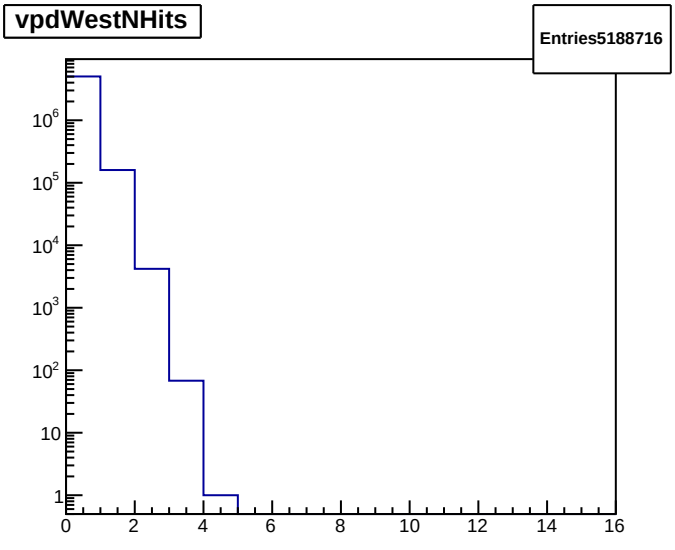

vpdEastNHitsVsSimu
Entries 380417

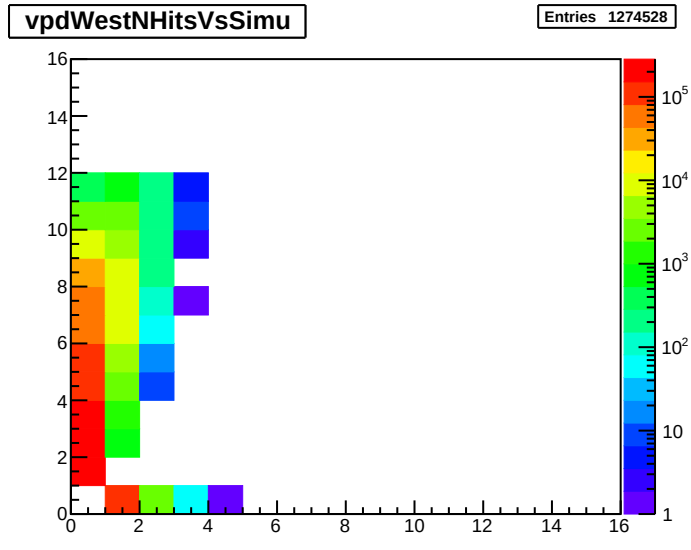

vpdEastTacSum
Entries5188716

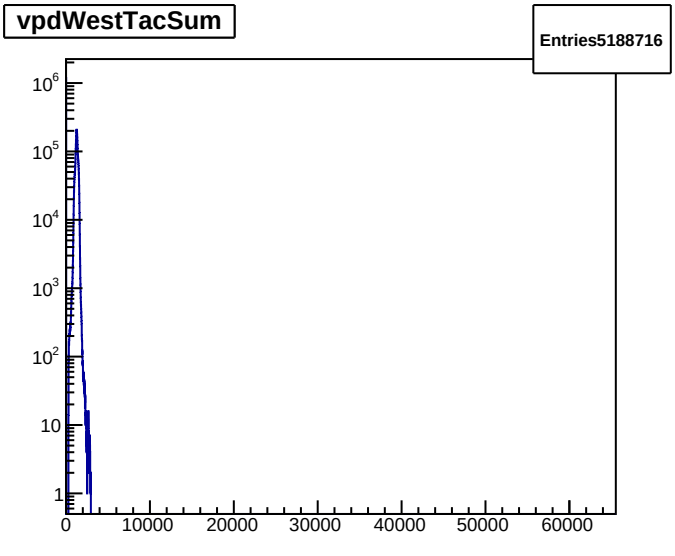

vpdEastTacSumVsSimu
Entries 4170017
Data
Simu

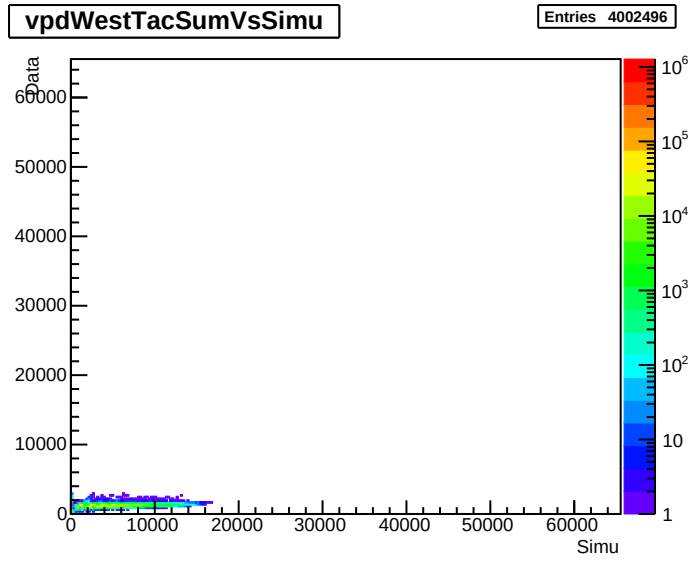

vpdWestAdcSum
Entries5188716

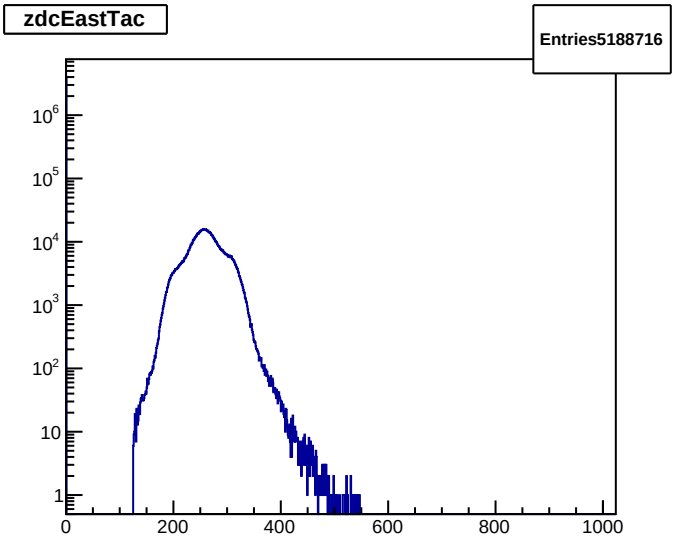

vpdWestAdcSumVsSimu
Entries 3517994
Data
Simu

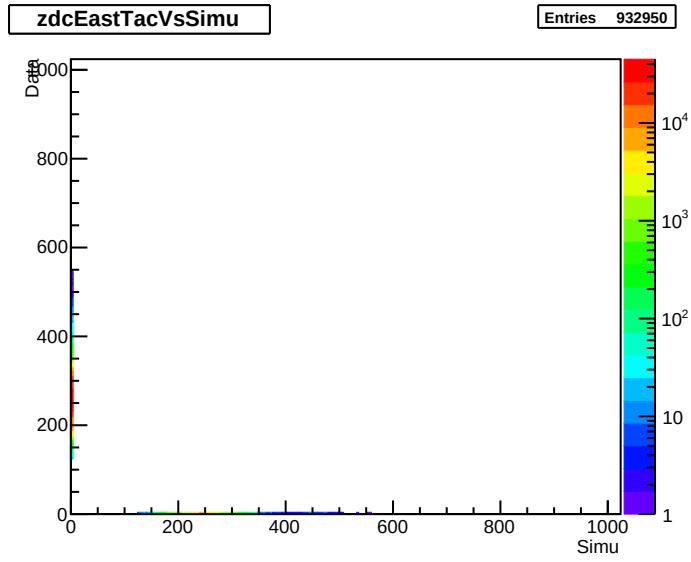

vpdWestNHits
Entries5188716

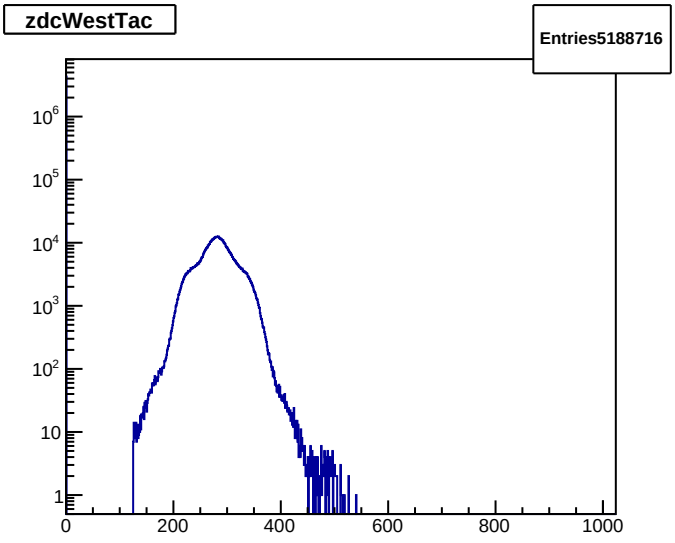

vpdWestNHitsVsSimu
Entries 1274528

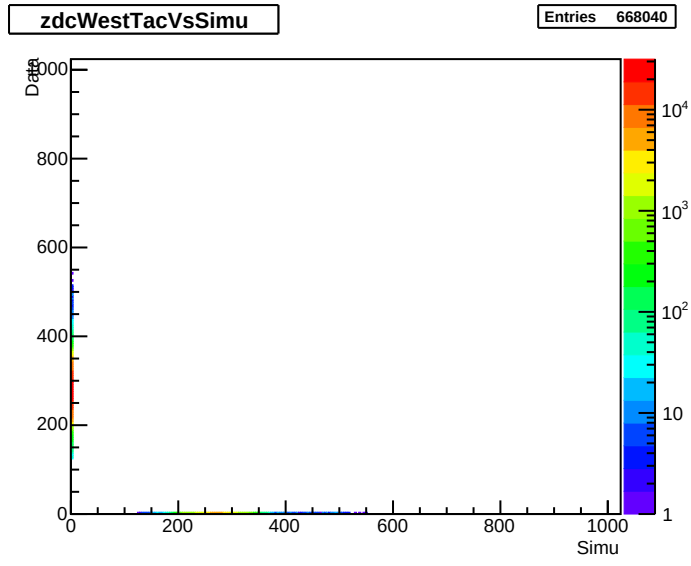

vpdWestTacSum
Entries5188716

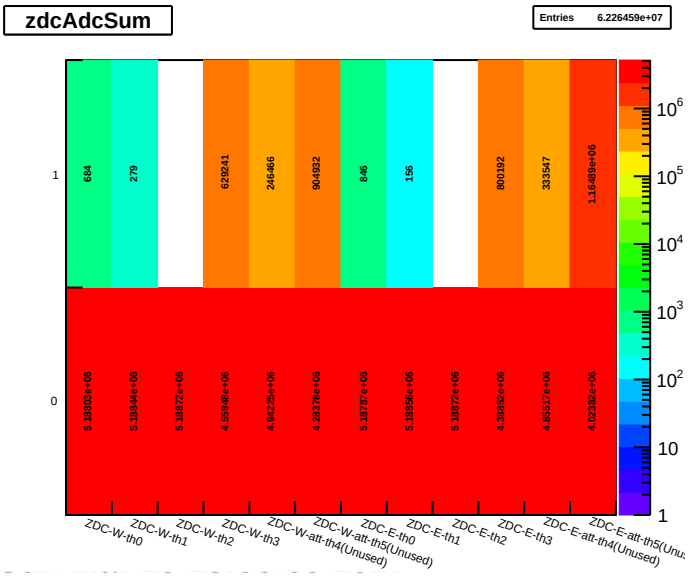

vpdWestTacSumVsSimu
Entries 4002496
Data
Simu

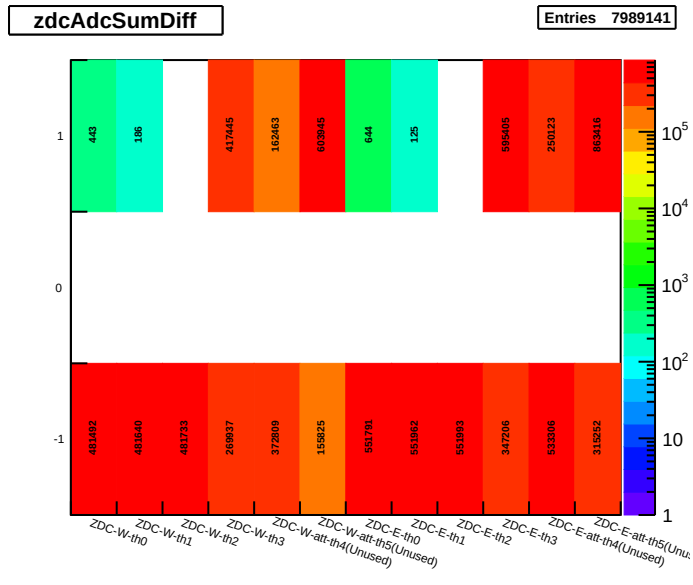

zdcEastTac
Entries5188716

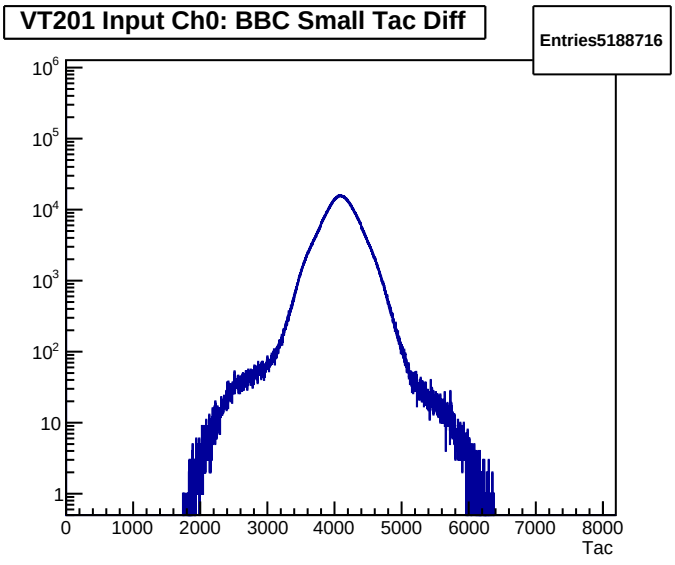

zdcEastTacVsSimu
Entries 932950
Data
Simu

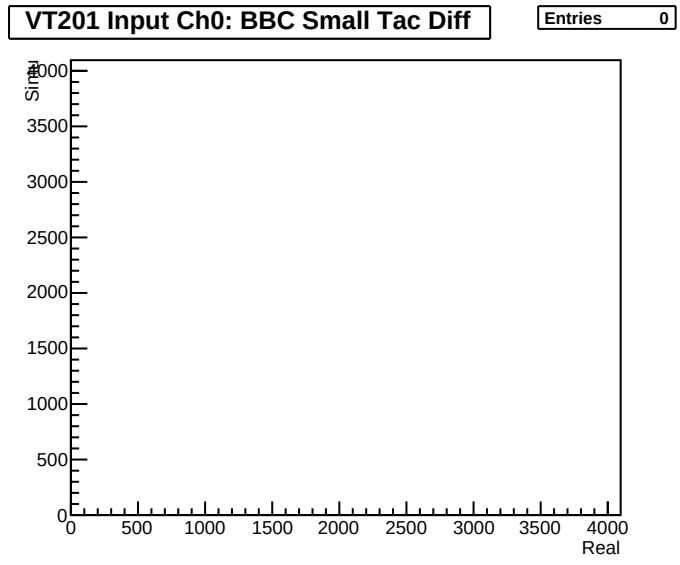

zdcWestTac
Entries5188716

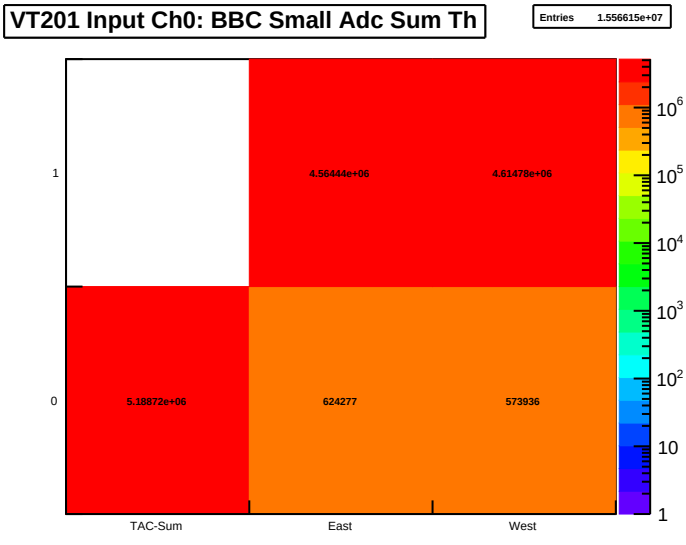

zdcWestTacVsSimu
Entries 668040
Data
Simu

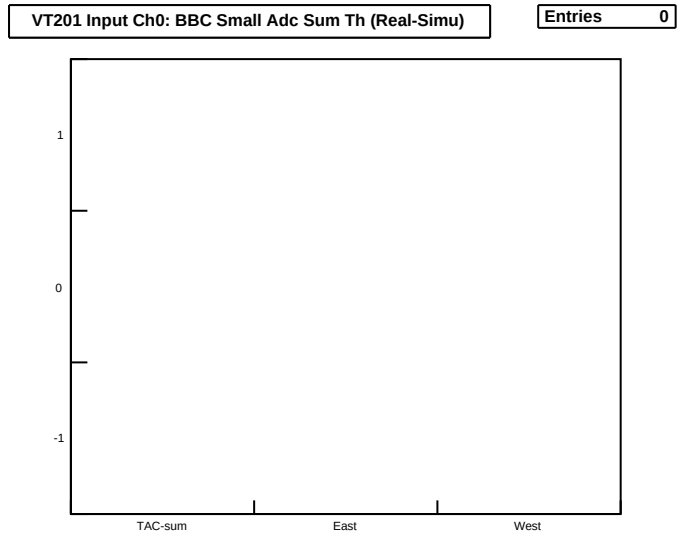

zdcAdcSum
Entries 6.226459e+07
684
279
623241
246466
904932
846
156
800192
333547
1.16489e+06
5.18803e+06
5.18344e+06
5.18372e+06
4.55948e+06
4.94225e+06
4.29378e+06
5.18787e+06
5.18856e+06
5.18872e+06
4.38652e+06
4.85517e+06
4.02382e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

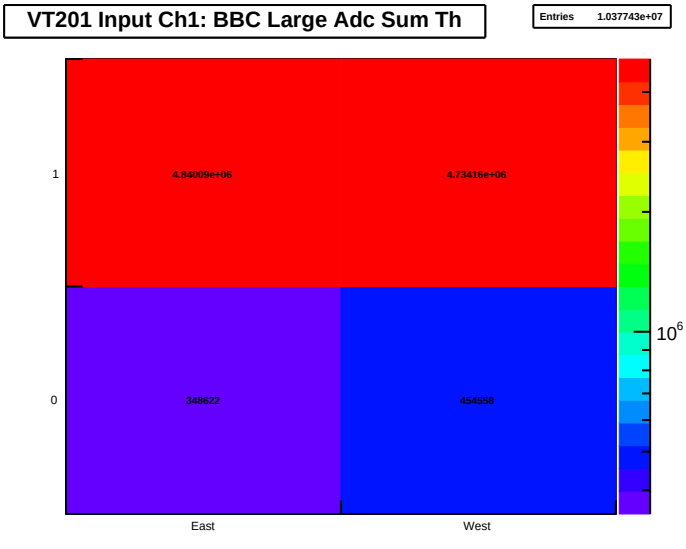

zdcAdcSumDiff
Entries 7989141
443
186
417445
162463
603245
644
125
595405
250123
863416
481492
481640
481733
269937
372809
159825
551791
551962
551993
347206
533306
315252
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

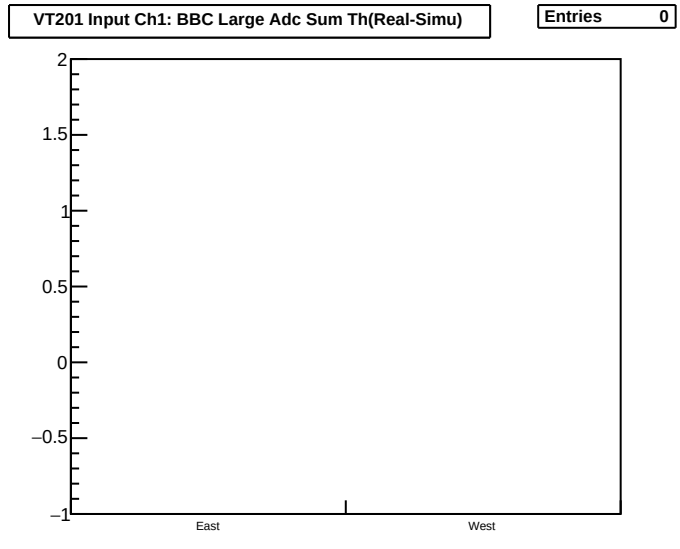

VT201 Input Ch0: BBC Small Tac Diff
Entries5188716
Tac


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

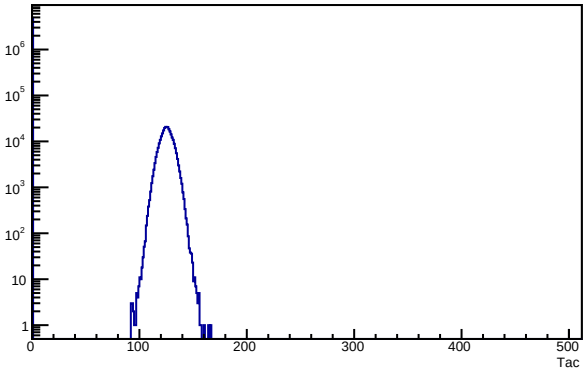

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.556615e+07
4.56444e+06
4.61478e+06
5.18872e+06
624277
573936
TAC-Sum
East
West


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

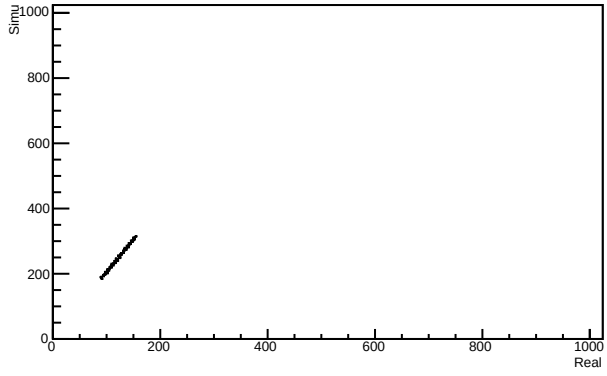

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.037743e+07
4.84009e+06
4.73416e+06
348622
454558
East
West


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

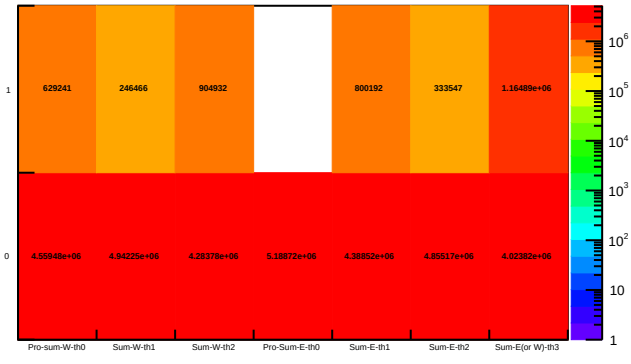
VT201 Input Ch2: ZDC Tac Diff



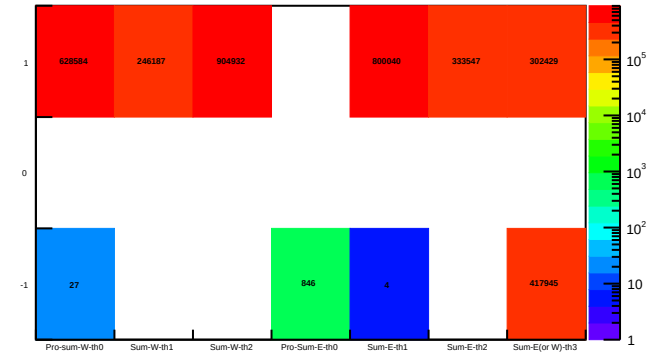
VT201 Input Ch2: ZDC Tac Diff



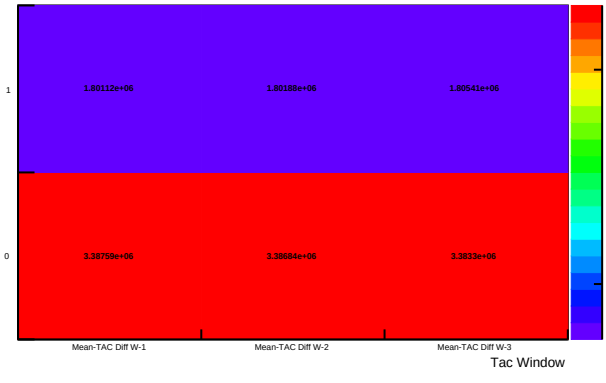
VT201 Input Ch2: ZDC Adc Sum Th



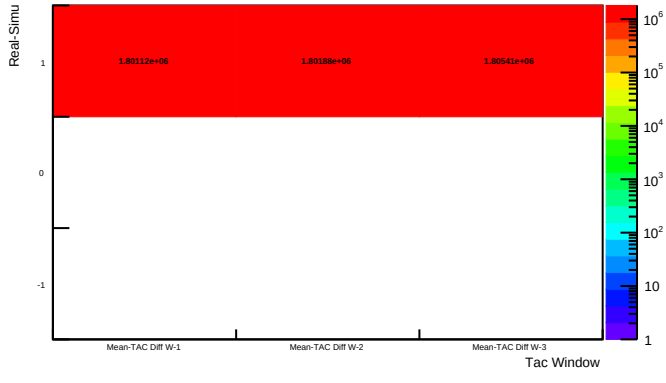
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



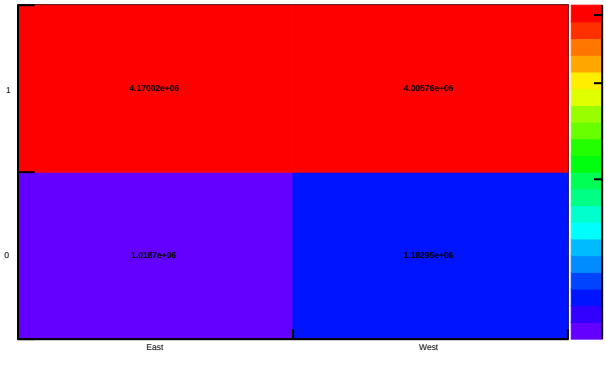
VT201 Input Ch4: VPD Tac Diff



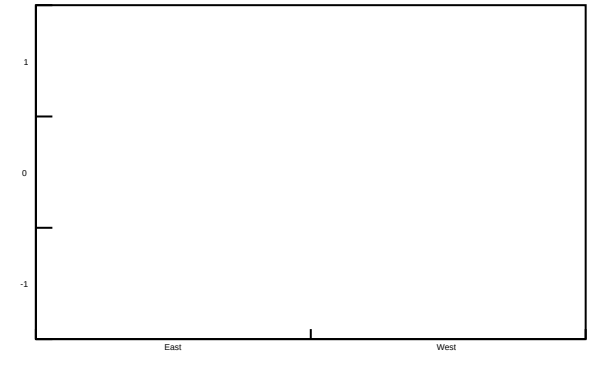
VT201 Input Ch4: VPD Tac Diff

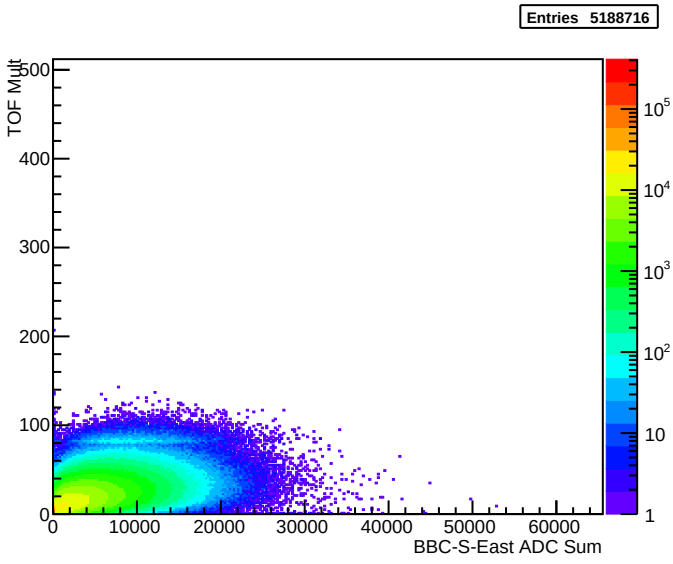


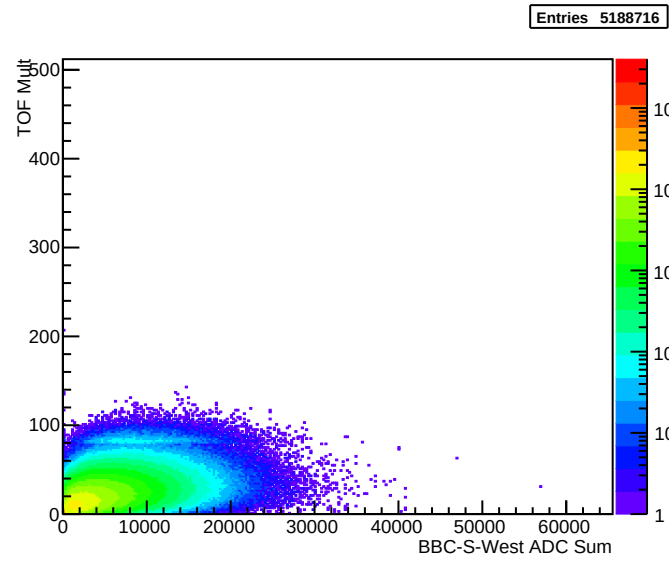
VT201 Input Ch4: VPD Adc Sum Th

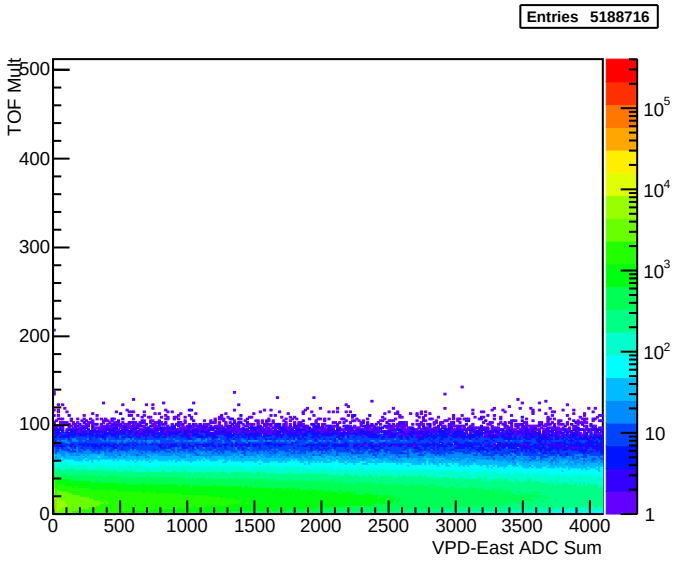


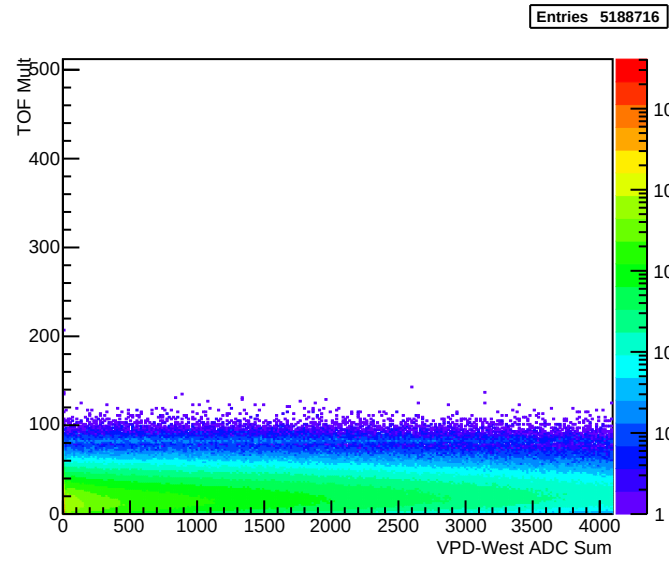
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

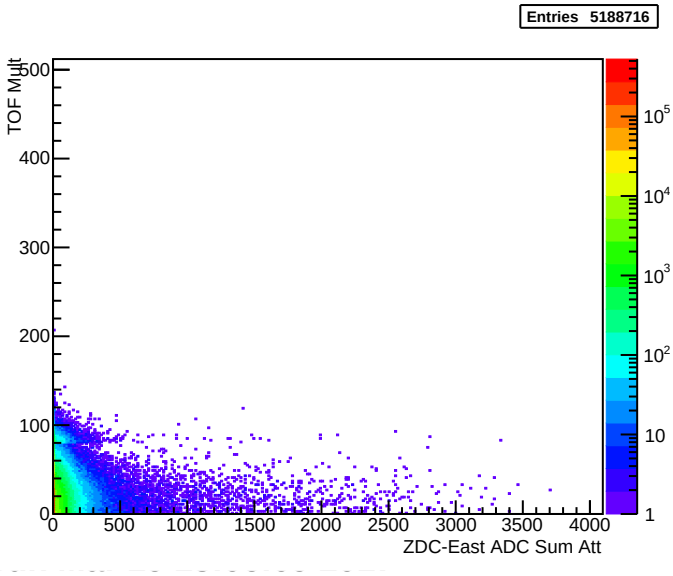


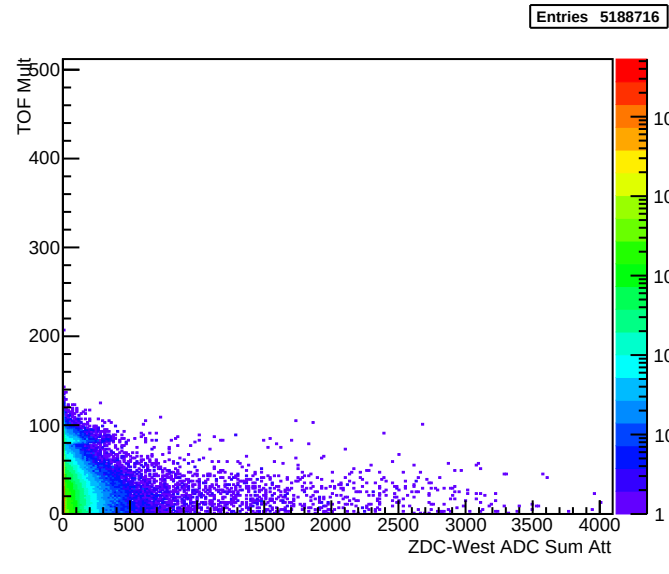

Entries 5188716
TOF Mult
BBC-S-East ADC Sum

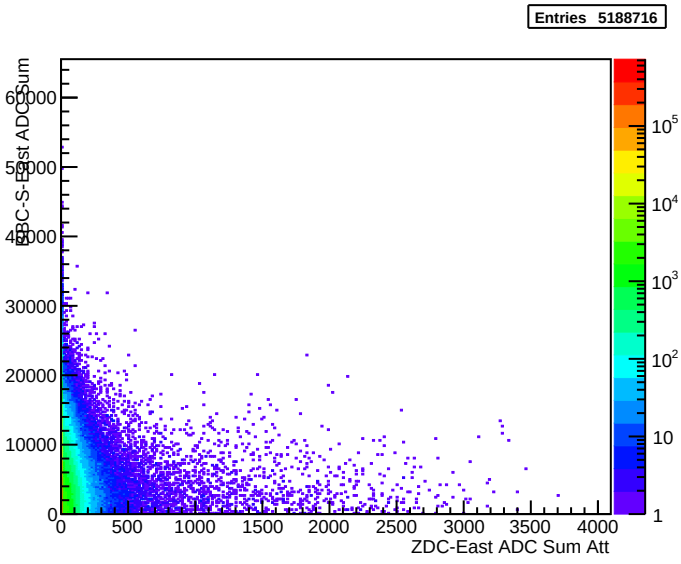

Entries 5188716
TOF Mult
BBC-S-West ADC Sum

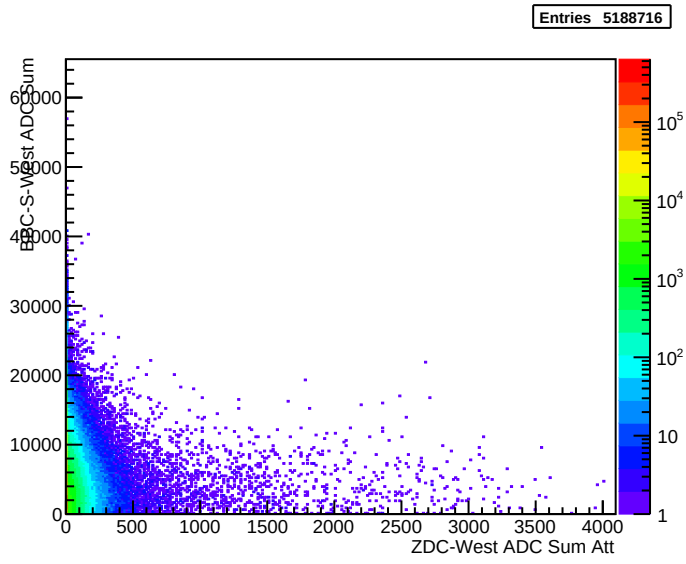

Entries 5188716
TOF Mult
VPD-East ADC Sum

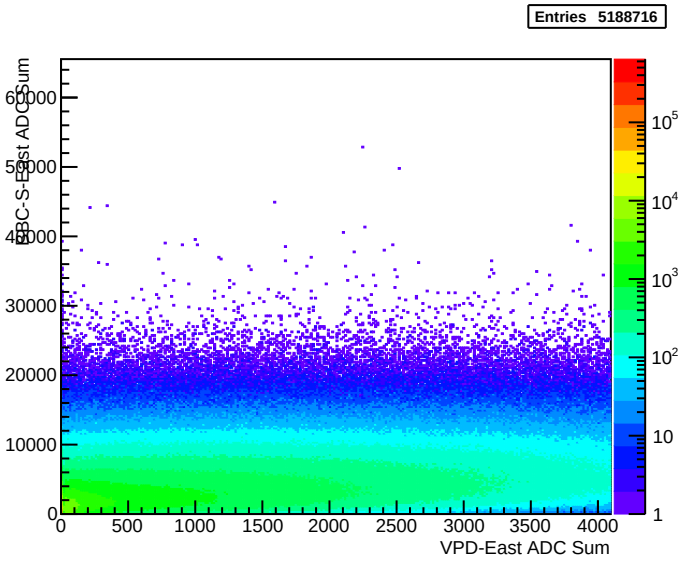

Entries 5188716
TOF Mult
VPD-West ADC Sum

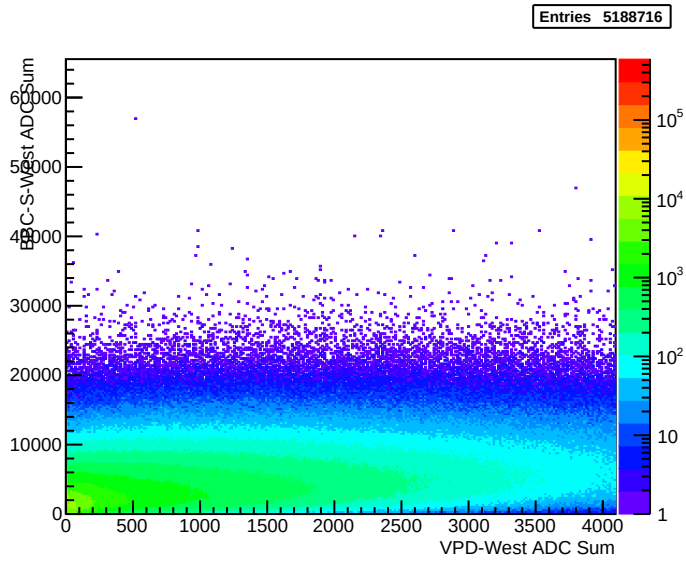

Entries 5188716
TOF Mult
ZDC-East ADC Sum Att

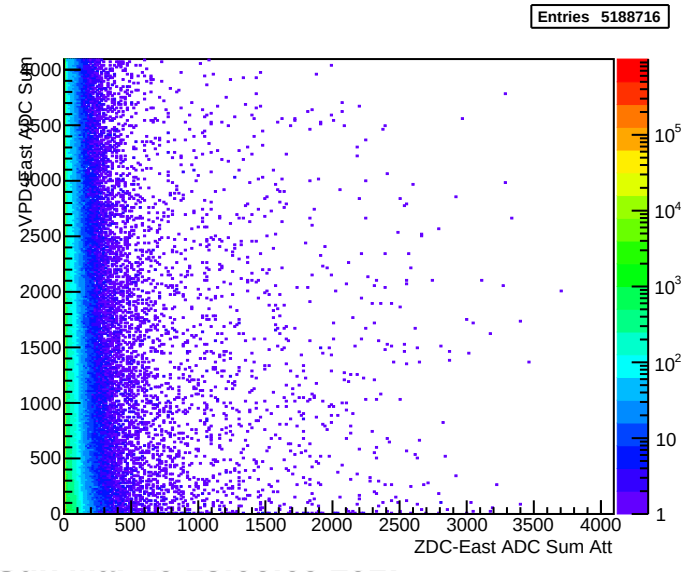

Entries 5188716
TOF Mult
ZDC-West ADC Sum Att

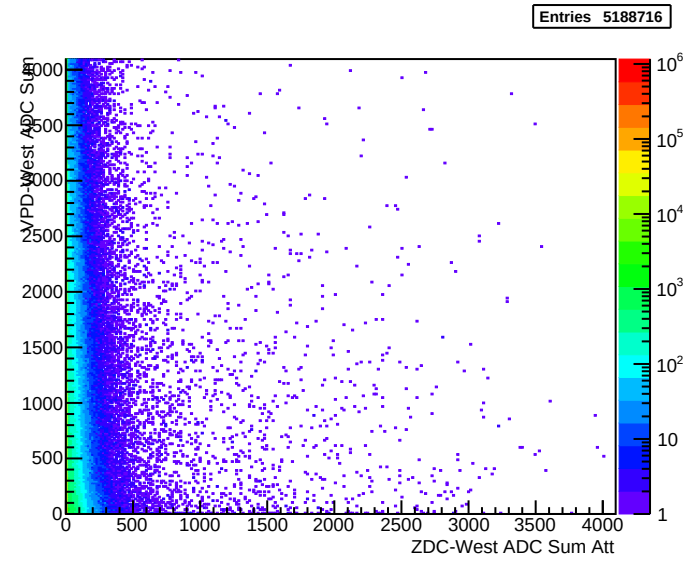

Entries 5188716
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

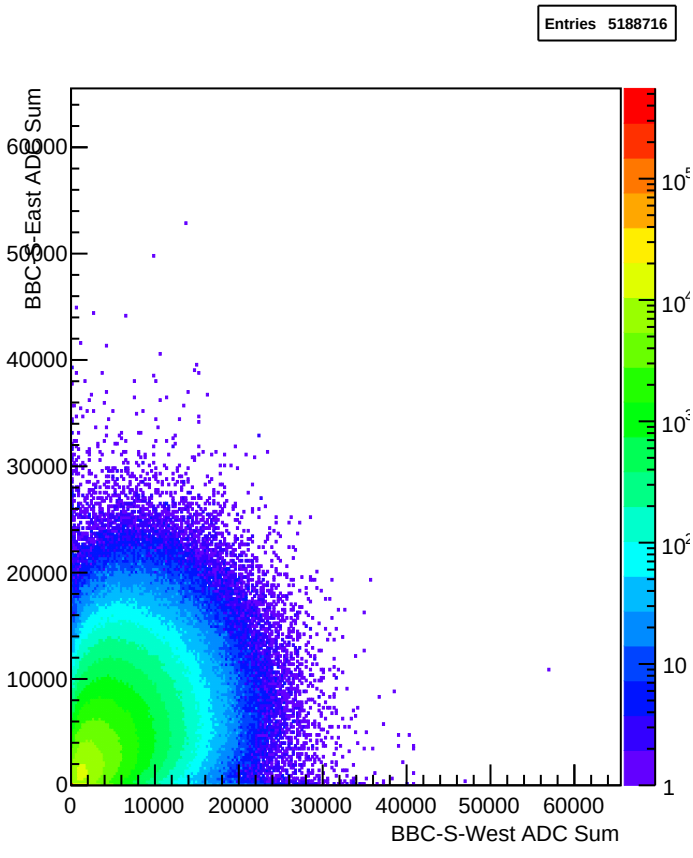

Entries 5188716
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

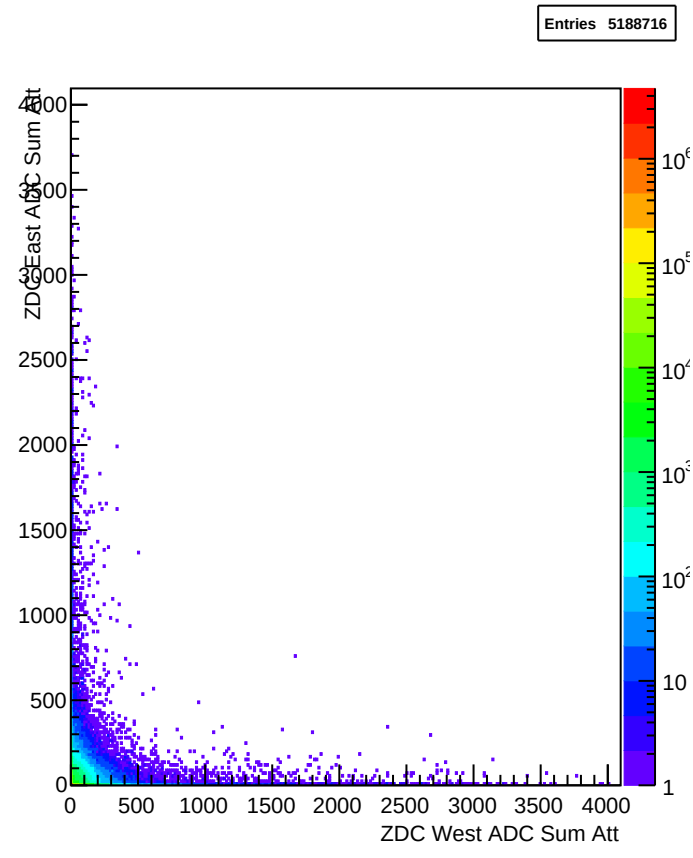

Entries 5188716
BBC-S-East ADC Sum
VPD-East ADC Sum

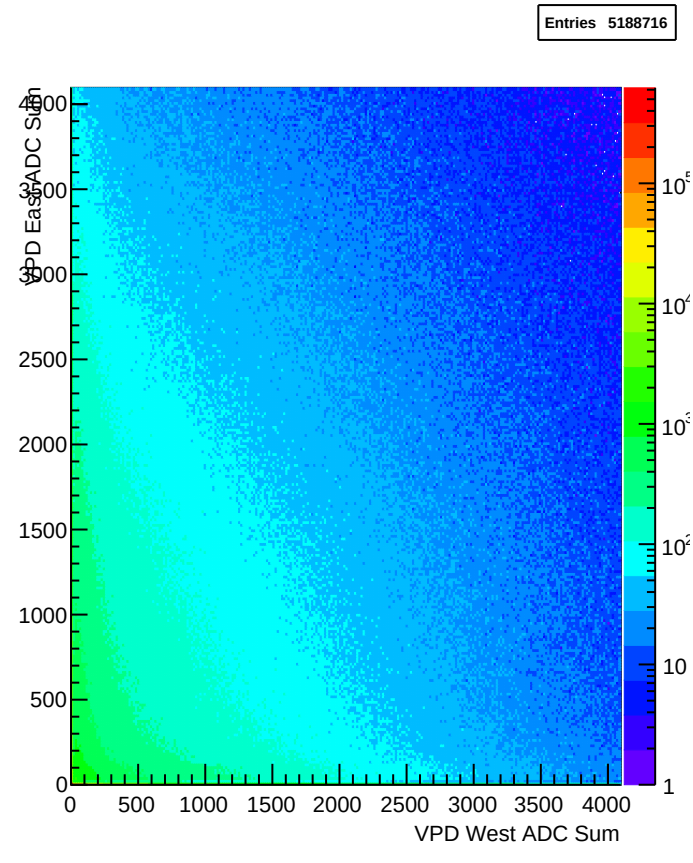

Entries 5188716
BBC-S-West ADC Sum
VPD-West ADC Sum

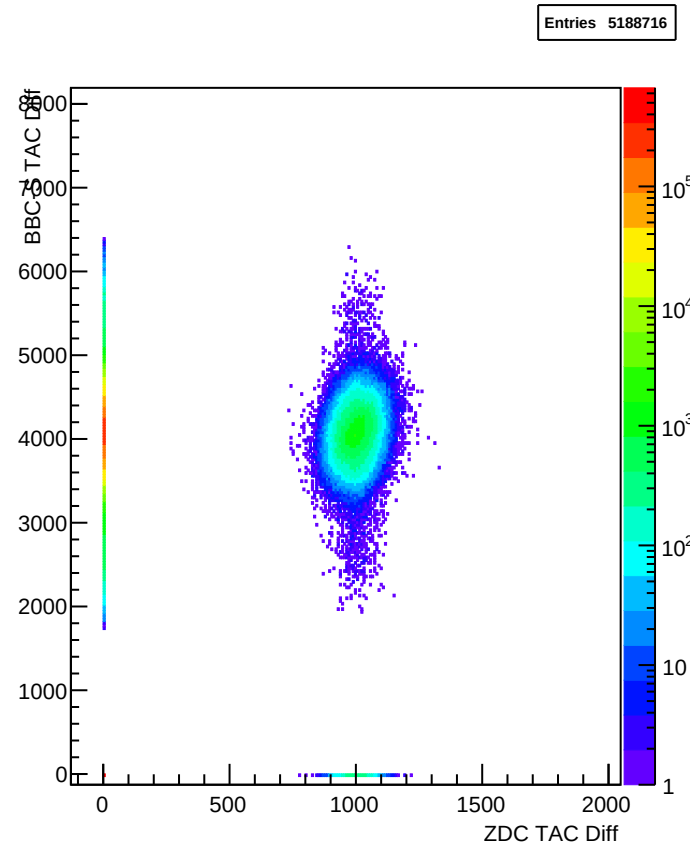

Entries 5188716
VPD-East ADC Sum
ZDC-East ADC Sum Att

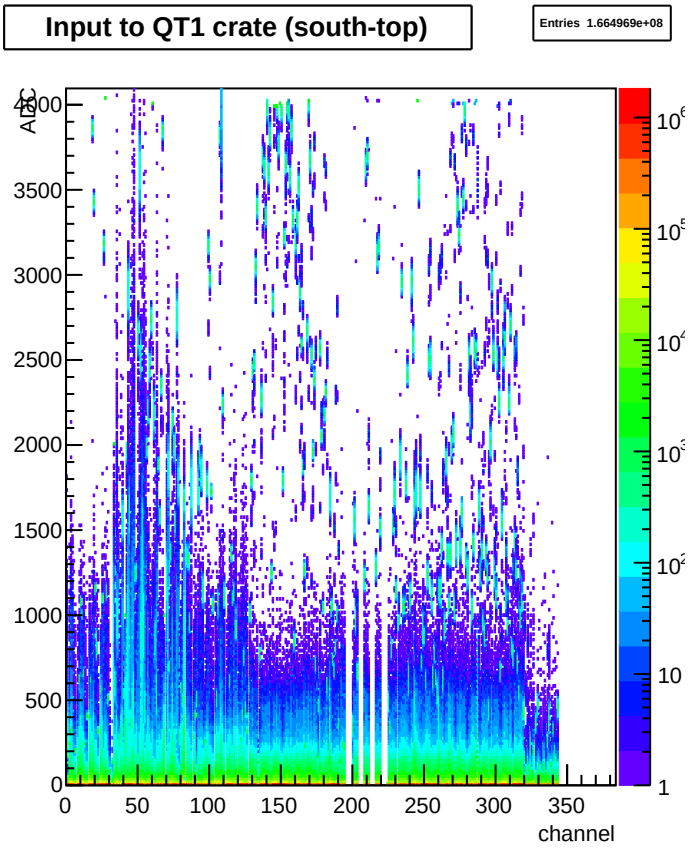

Entries 5188716
VPD-West ADC Sum
ZDC-West ADC Sum Att

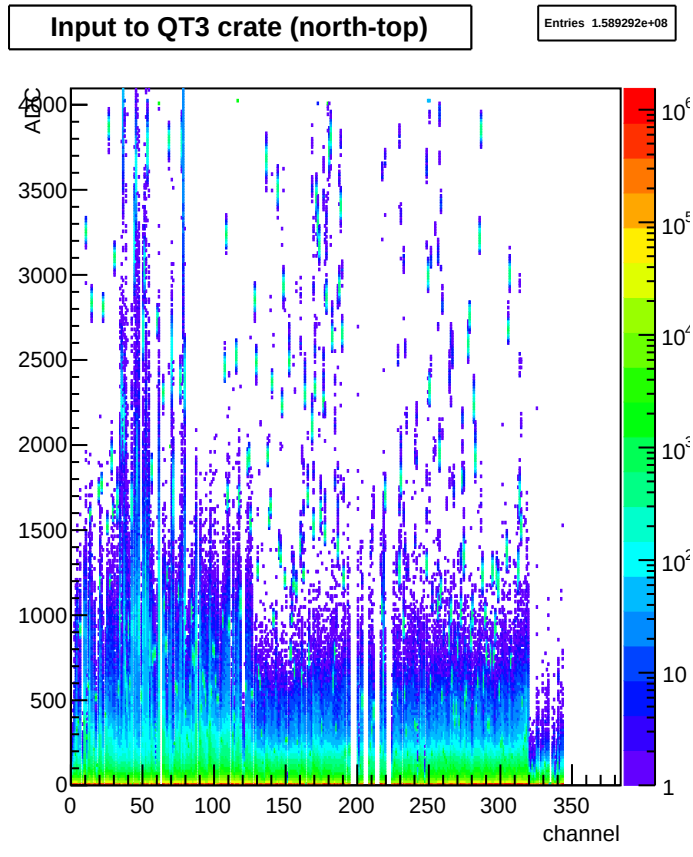

Entries 5188716
BBC-S-East ADC Sum
BBC-S-West ADC Sum

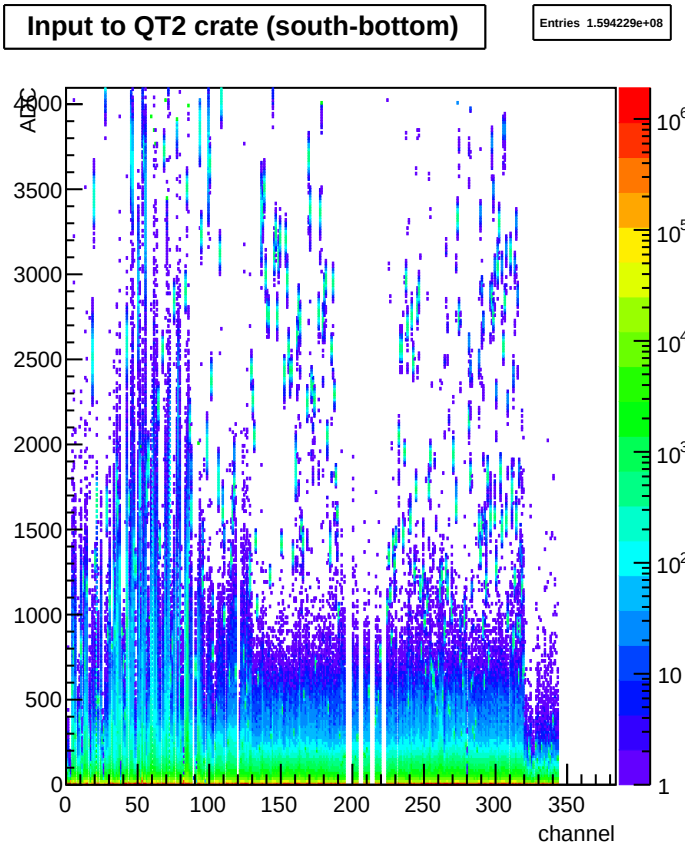

Entries 5188716
ZDC East ADC Sum Att
ZDC West ADC Sum Att

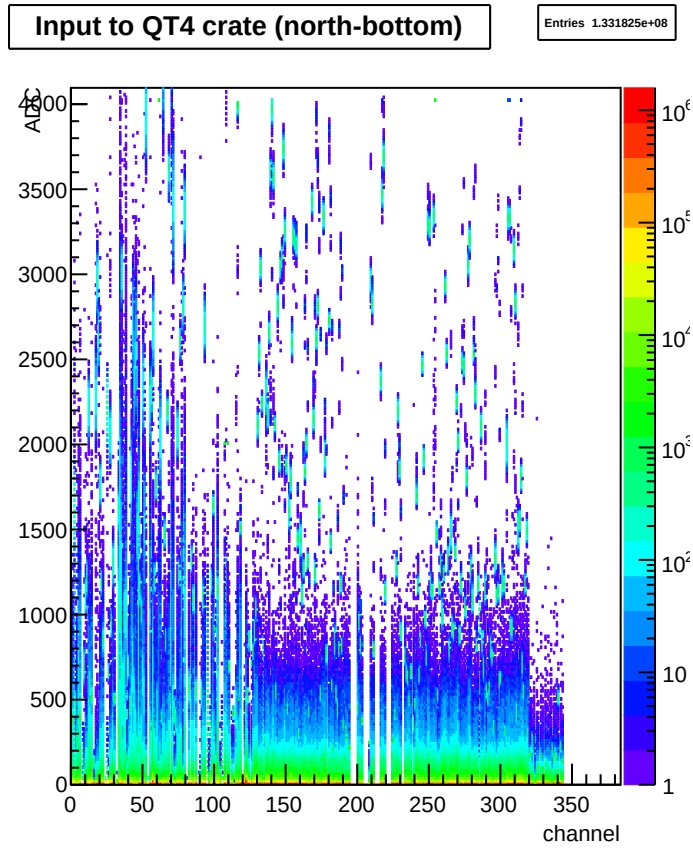

Entries 5188716
VPD East ADC Sum
VPD West ADC Sum

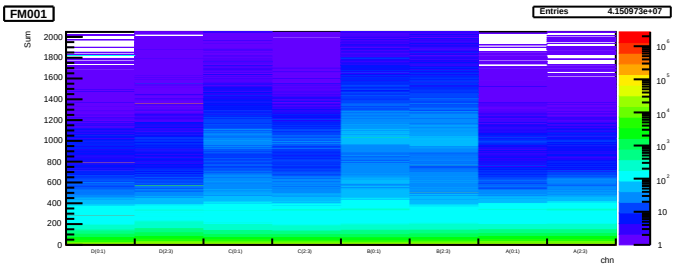

Entries 5188716
BBC-S TAC Diff
ZDC TAC Diff

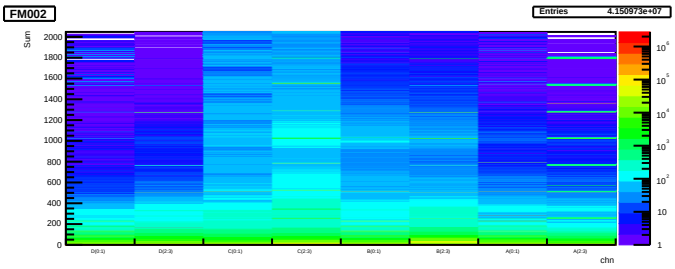

Input to QT1 crate (south-top)
Entries 1.664969e+08
ADC
channel

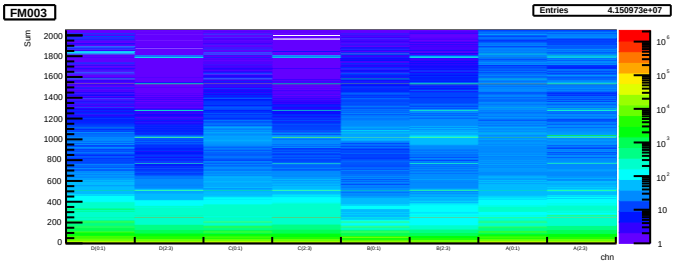

Input to QT3 crate (north-top)
Entries 1.589292e+08
ADC
channel

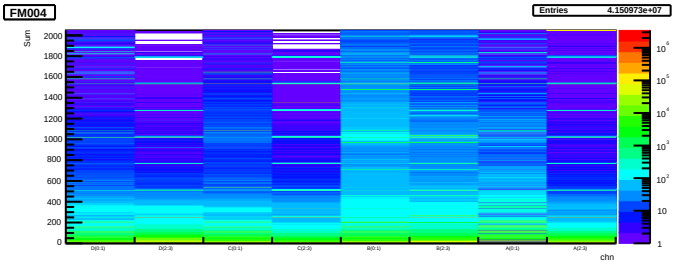

Input to QT2 crate (south-bottom)
Entries 1.594229e+08
ADC
channel

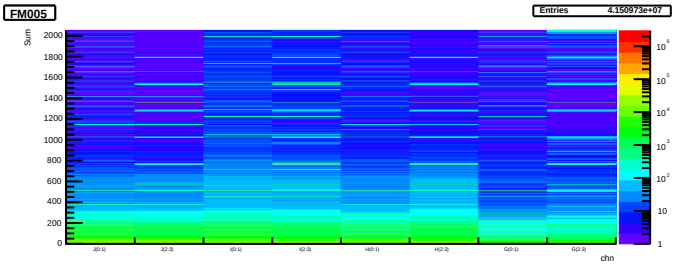

Input to QT4 crate (north-bottom)
Entries 1.331825e+08
ADC
channel

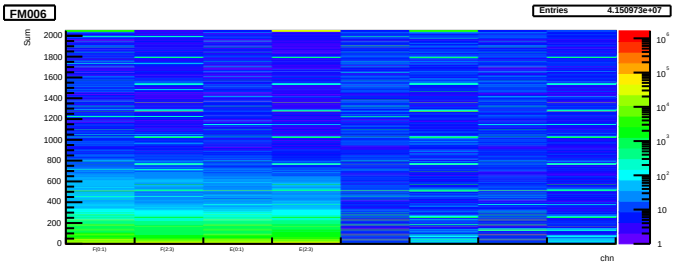

FM001
Entries 4.150973e+07
Sum
chn


FM002
Entries 4.150973e+07
Sum
chn


FM003
Entries 4.150973e+07
Sum
chn


FM004
Entries 4.150973e+07
Sum
chn


FM005
Entries 4.150973e+07
Sum
chn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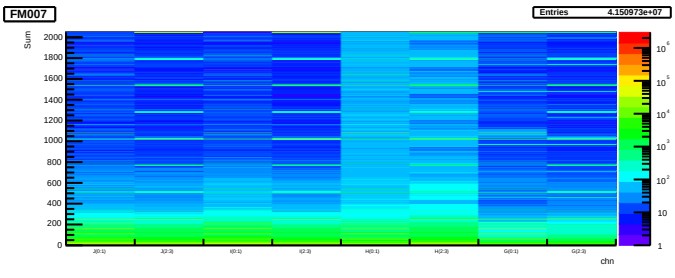
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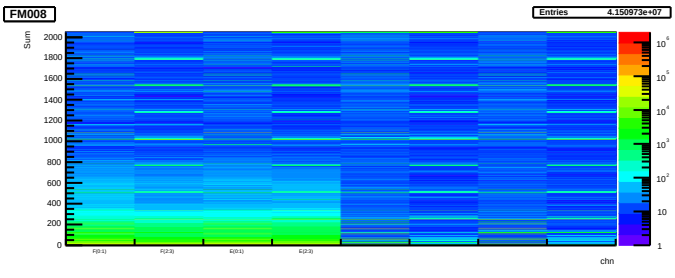
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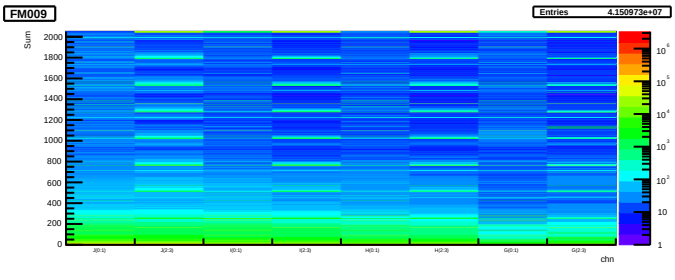
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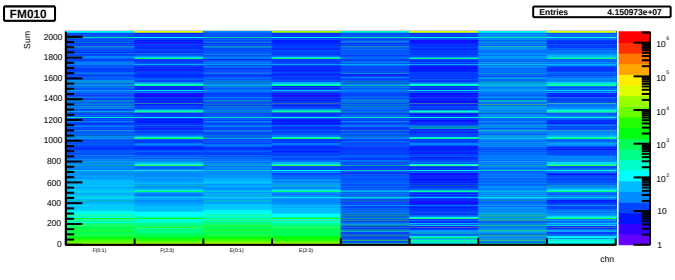
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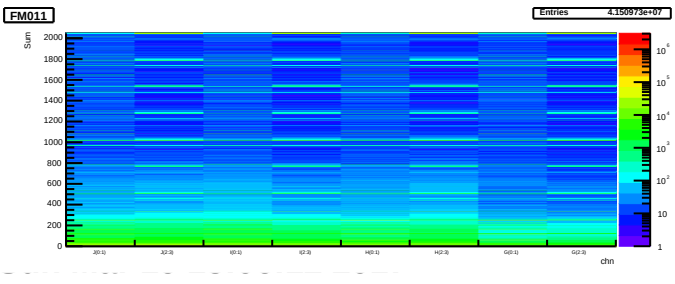
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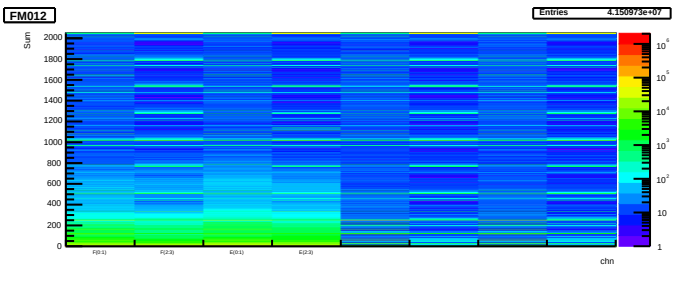
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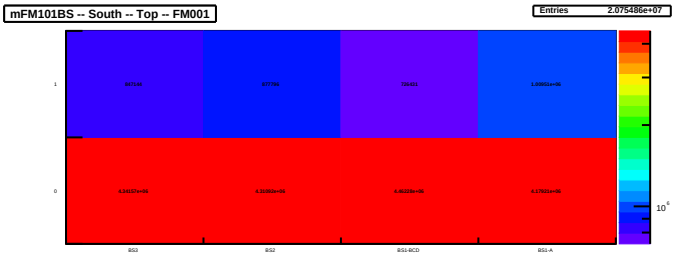
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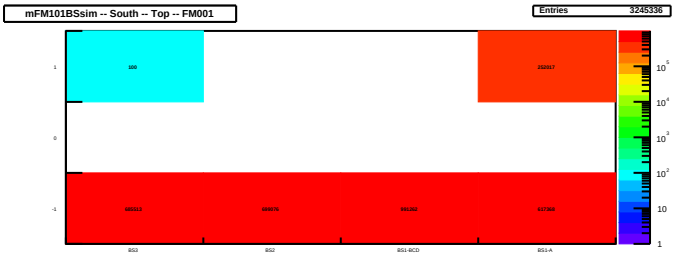
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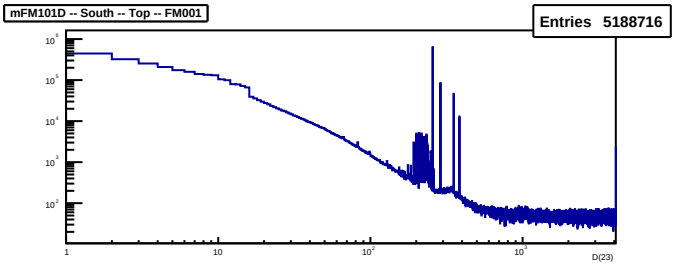
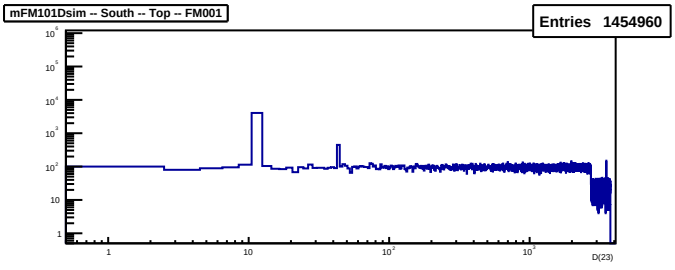

mFM101D -- South -- Top -- FM001
Entries 5188716
D(23)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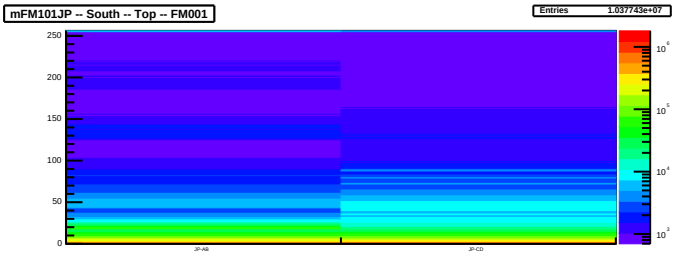
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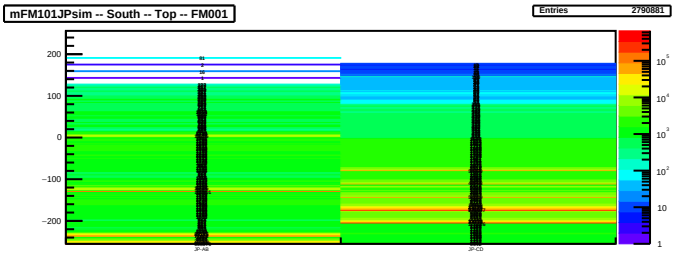
Entries 1.037743e+07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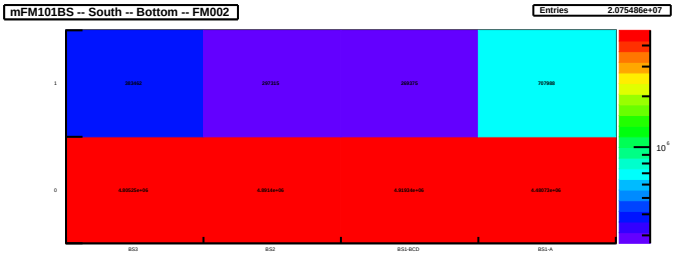
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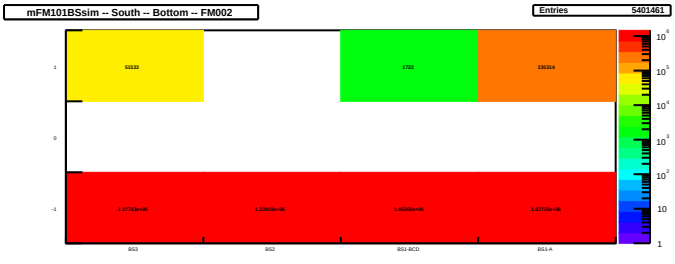
Entries 2.075486e+07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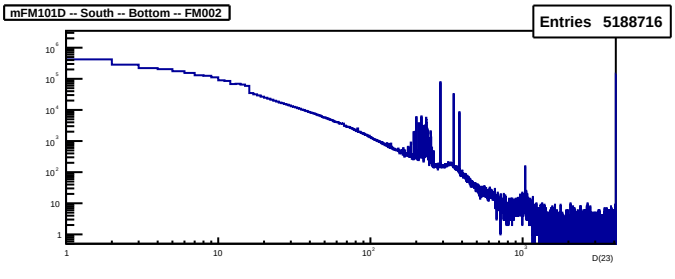
Entries 5401461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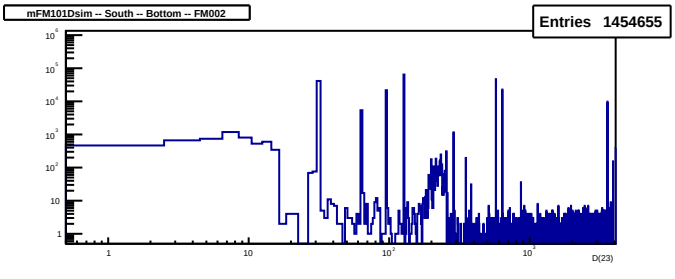
Entries 5188716
D(23)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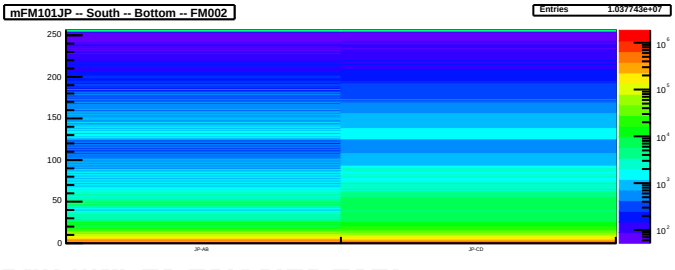
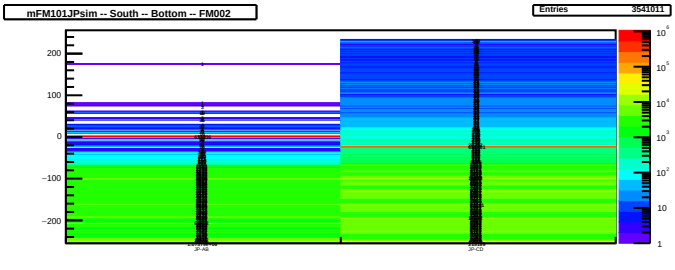

mFM101JP -- South -- Bottom -- FM002
Entries 1.037743e+07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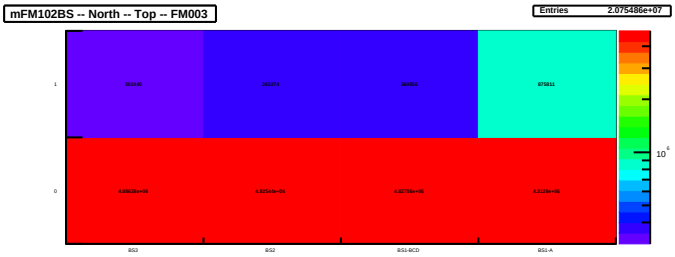

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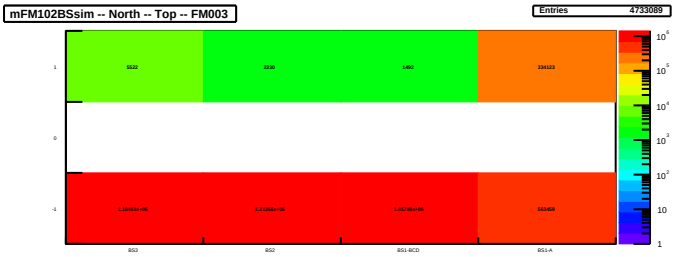

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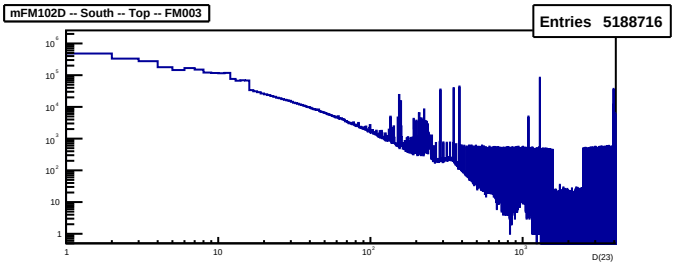

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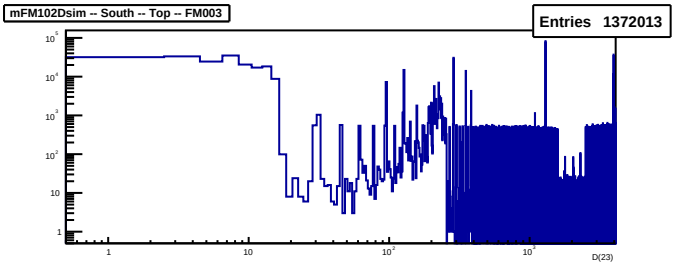

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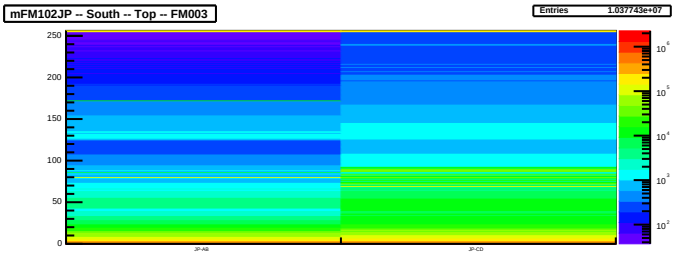

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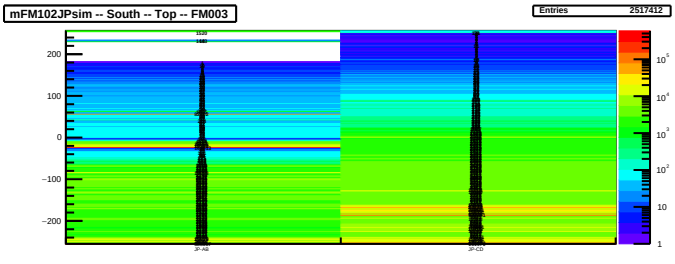

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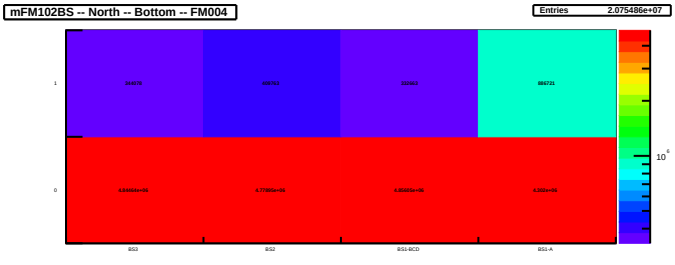

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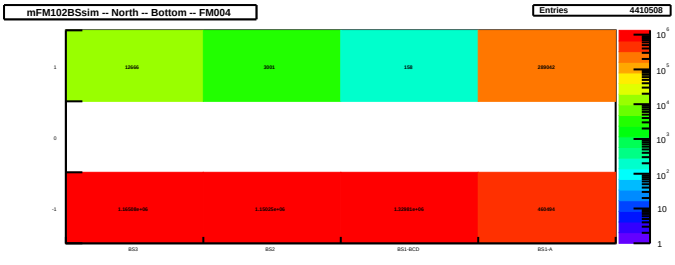

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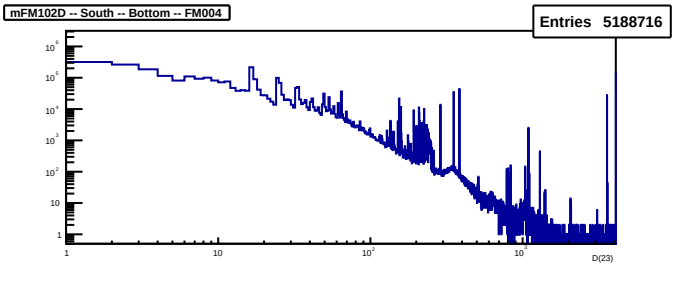

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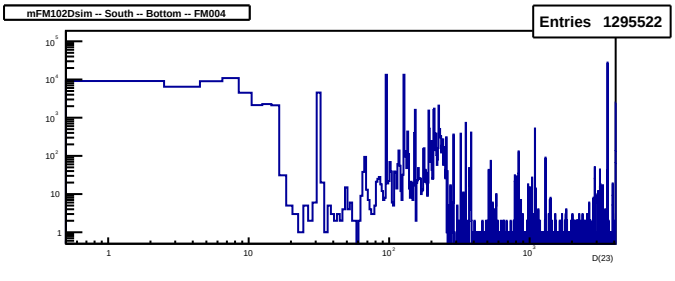

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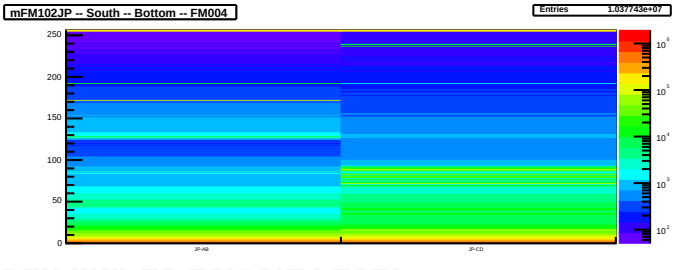

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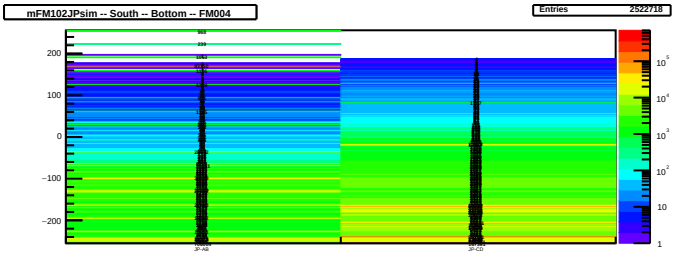
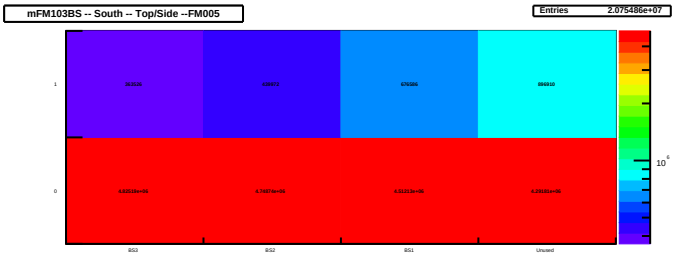
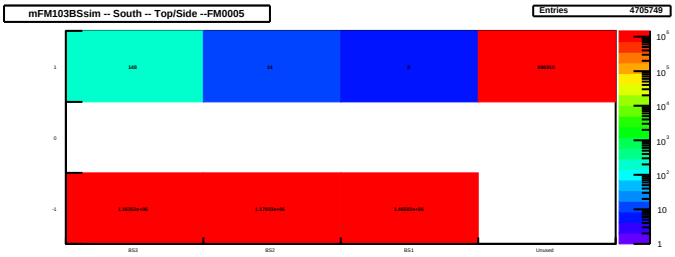



mFM103BS -- South -- Top/Side --FM005
Entries 2.075486e+07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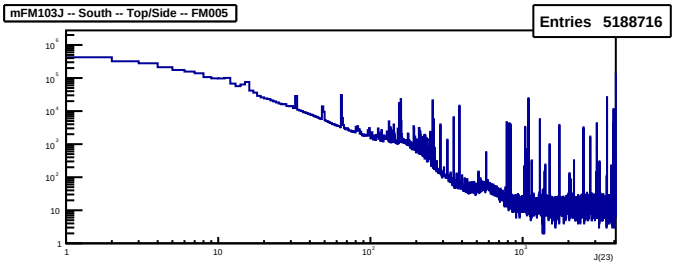
Entries 4705749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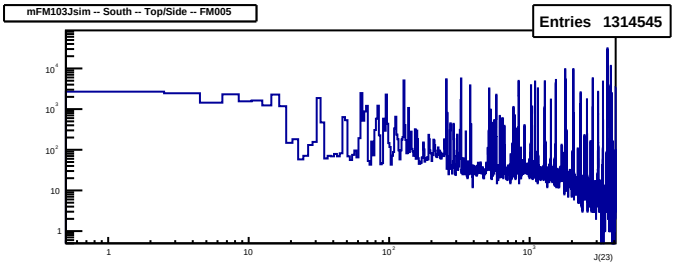
Entries 5188716
J(23)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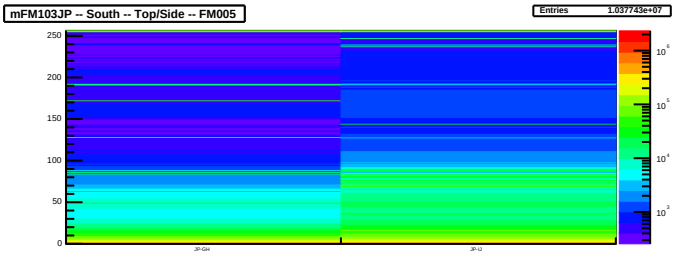
J(23)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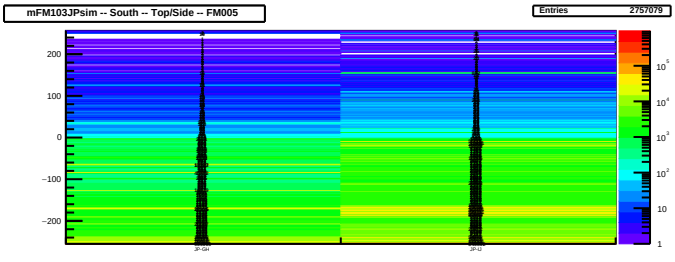
Entries 1.037743e+07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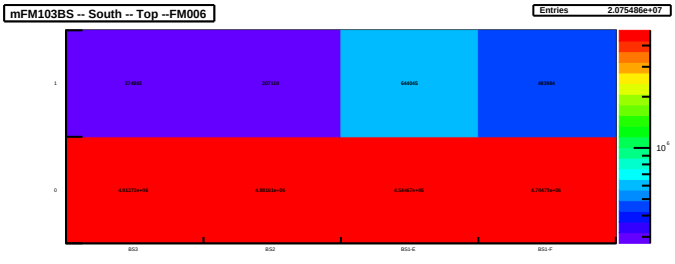
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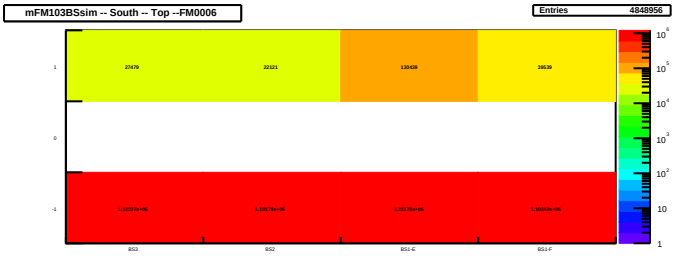
Entries 2.075486e+07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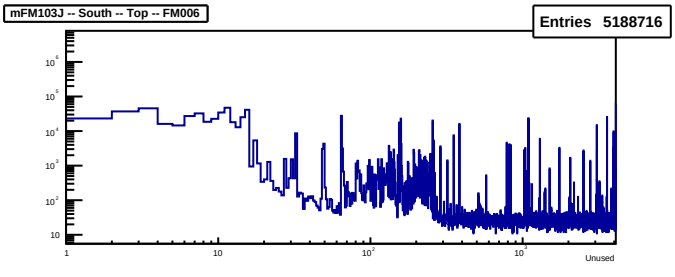
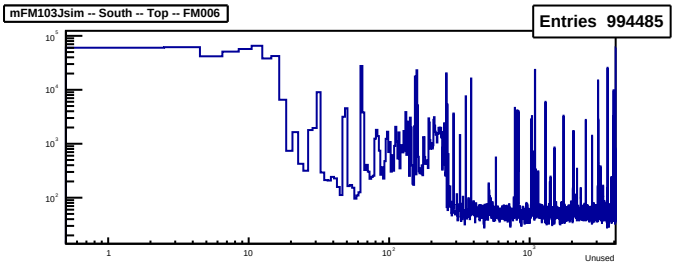
Entries 4848956


mFM103J -- South -- Top -- FM006
Entries 5188716
Unused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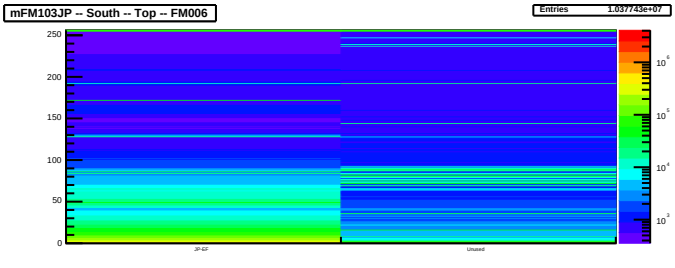
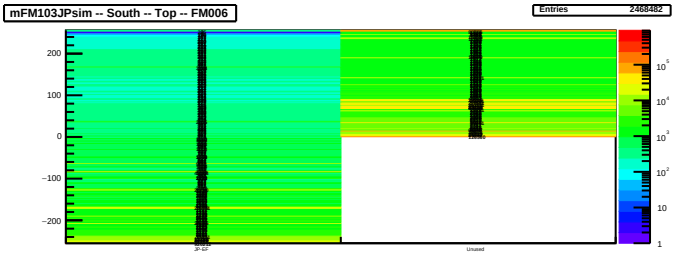

mFM103JP -- South -- Top -- FM006
Entries 1.037743e+07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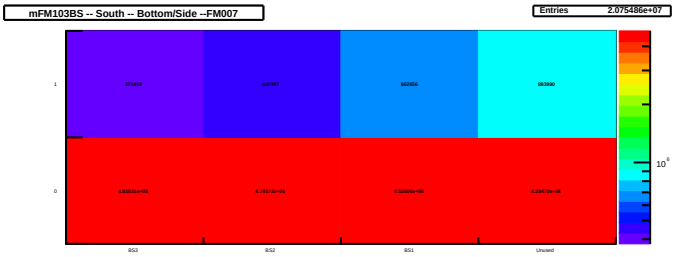
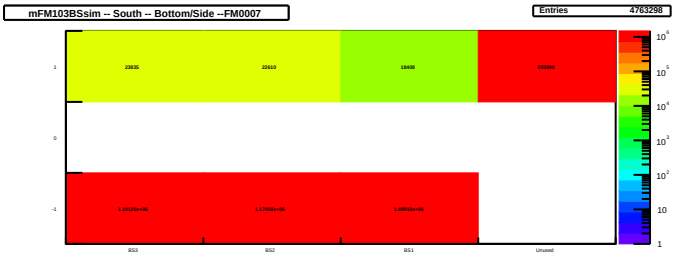

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.075486e+07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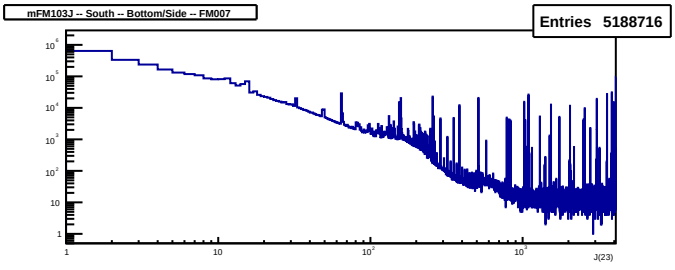
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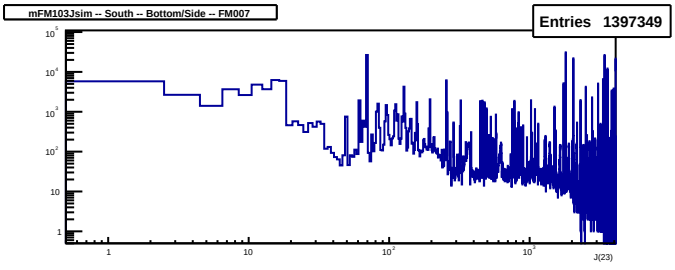
Entries 5188716
J(23)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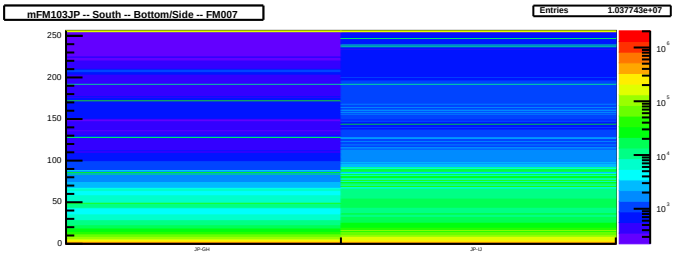
J(23)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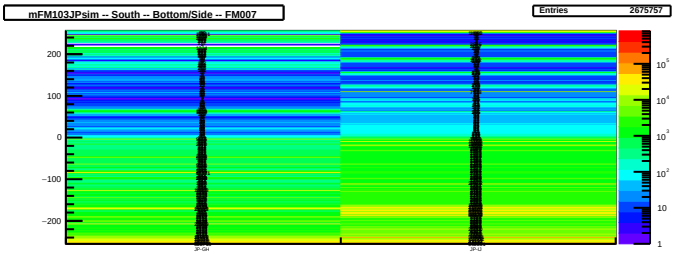
Entries 1.037743e+07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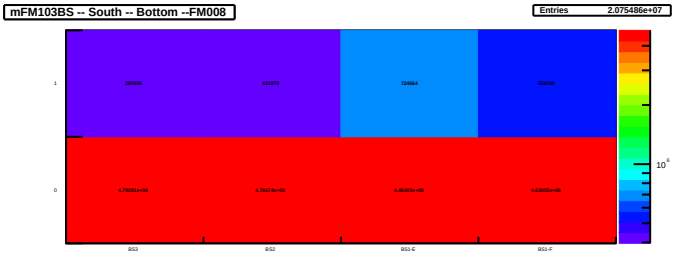
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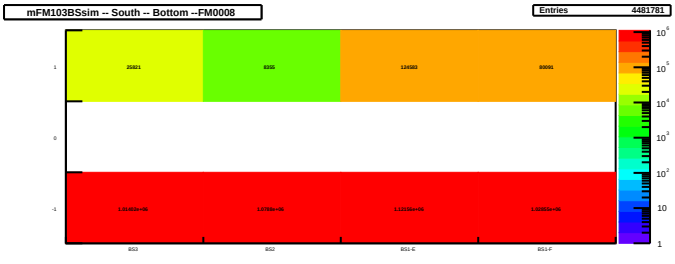
Entries 2.075486e+07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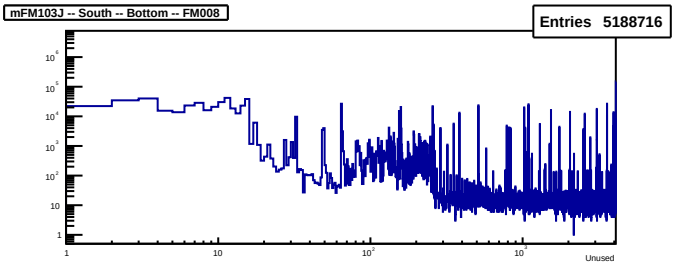
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Entries 5188716
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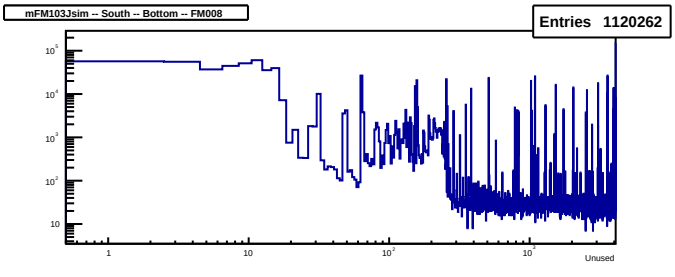
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Entries 1120262
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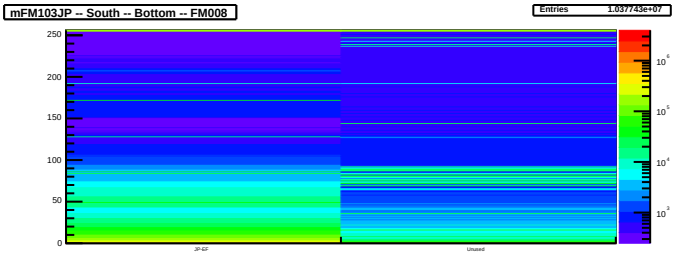
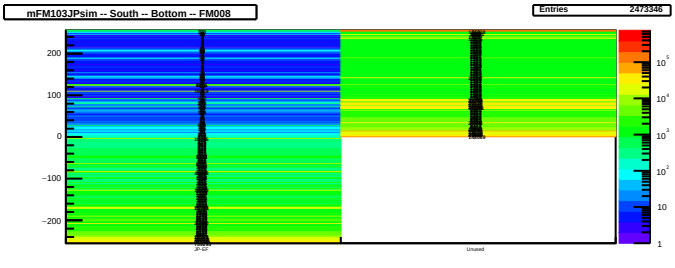
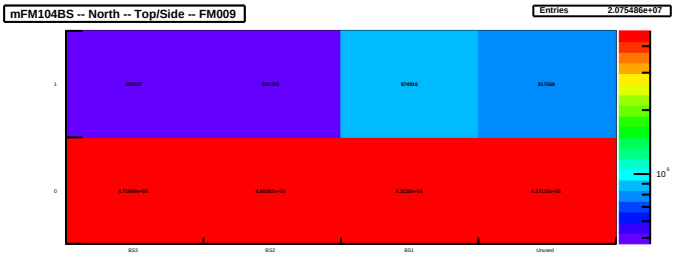
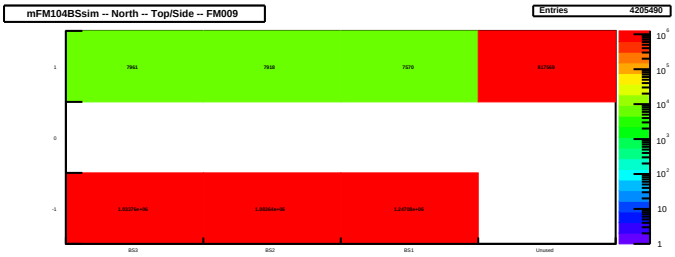
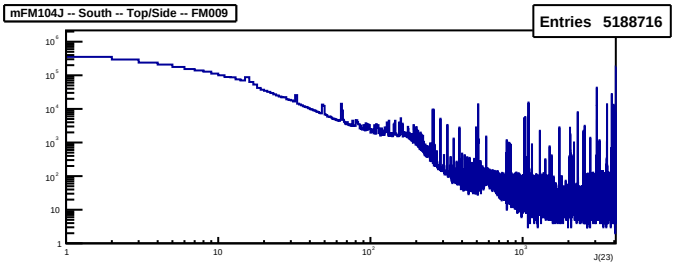
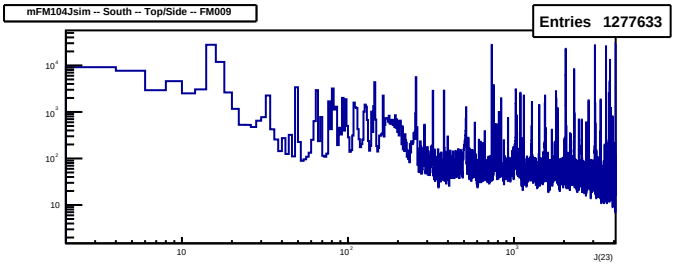

mFM103JP -- South -- Bottom -- FM008
Entries 1.037743e+07

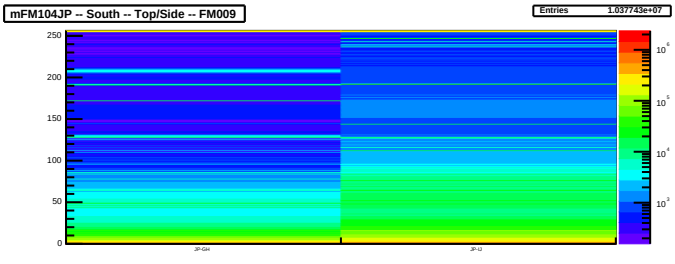

mFM103JPsim -- South -- Bottom -- FM008
Entries 2473346

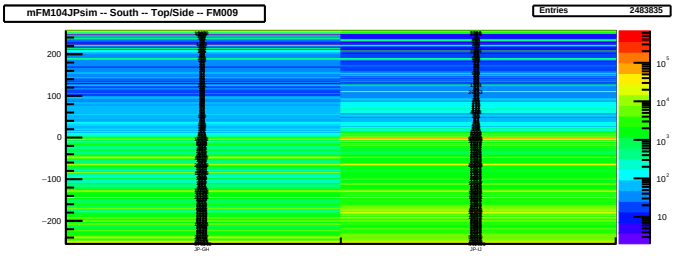

mFM104BS -- North -- Top/Side -- FM009
Entries 2.075486e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4205490


mFM104J -- South -- Top/Side -- FM009
Entries 5188716
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1277633
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.037743e+07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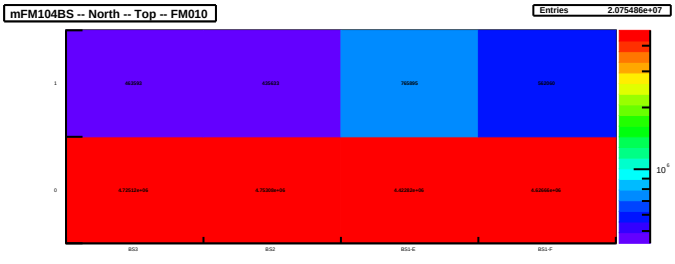
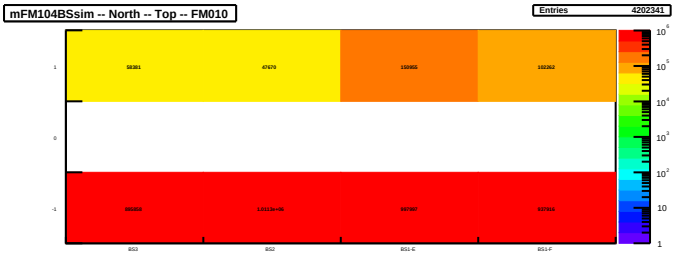
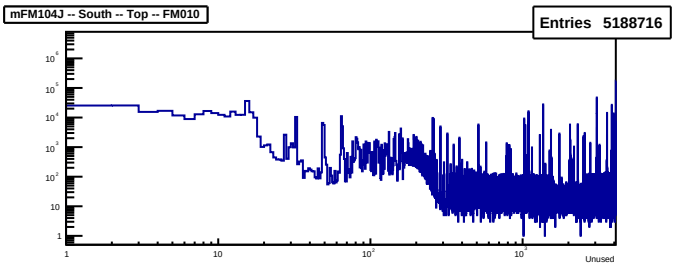
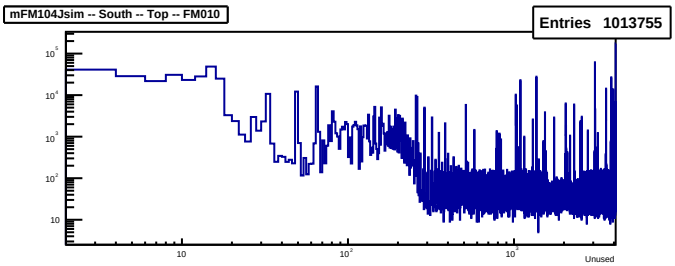
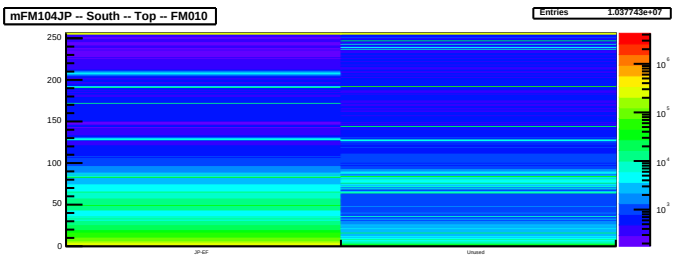
Entries 2483835

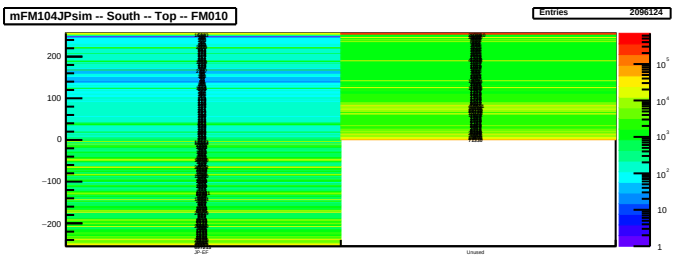

mFM104BS -- North -- Top -- FM010
Entries 2.075486e+07

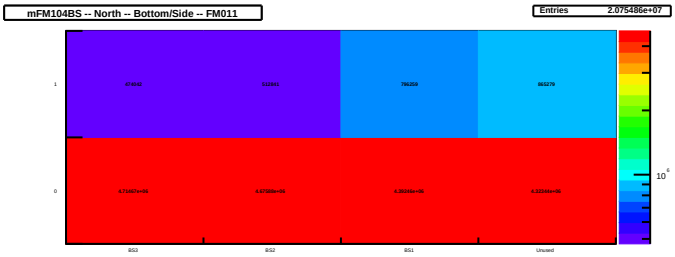

mFM104BSsim -- North -- Top -- FM010
Entries 4202341

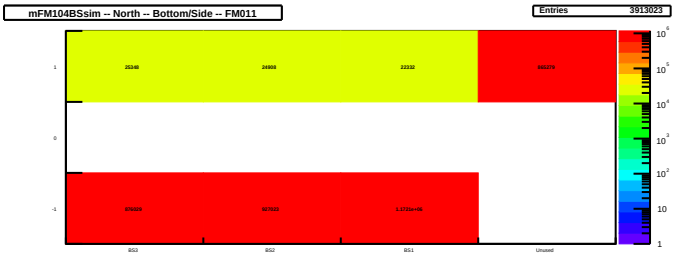

mFM104J -- South -- Top -- FM010
Entries 5188716
Unused

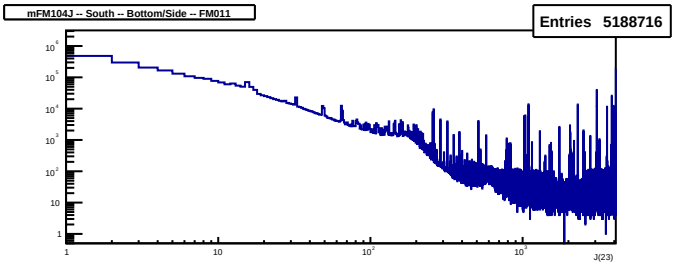

mFM104Jsim -- South -- Top -- FM010
Entries 1013755
Unused

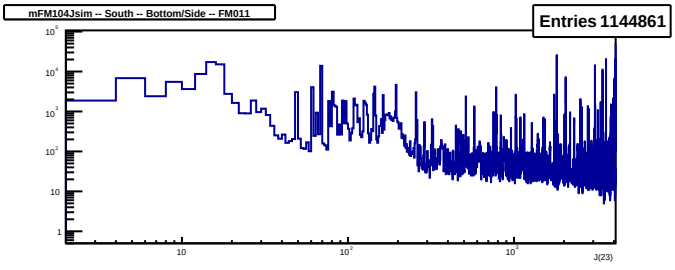

mFM104JP -- South -- Top -- FM010
Entries 1.037743e+07

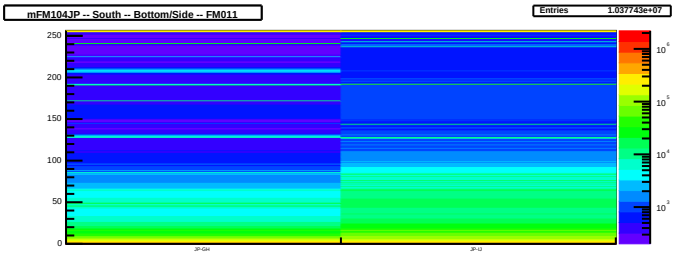

mFM104JPsim -- South -- Top -- FM010
Entries 2096124

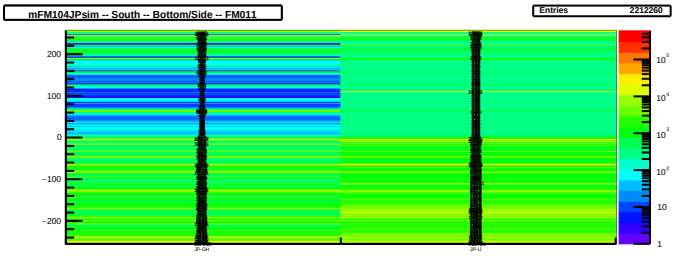

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.075486e+07

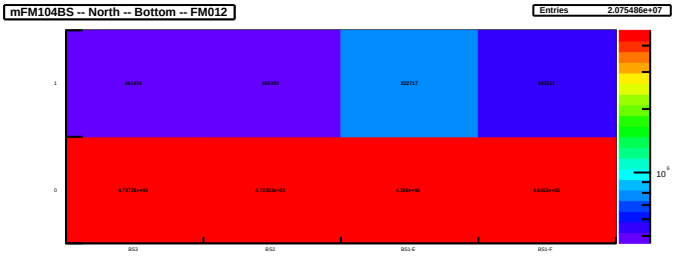

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3913023

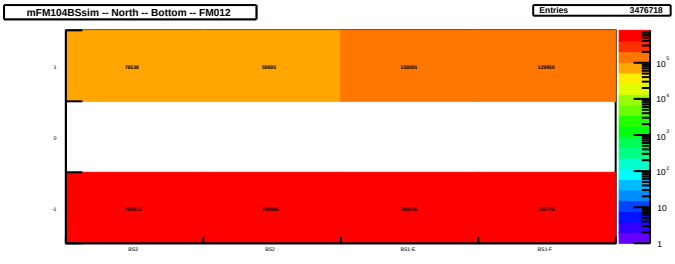

mFM104J -- South -- Bottom/Side -- FM011
Entries 5188716
J(23)

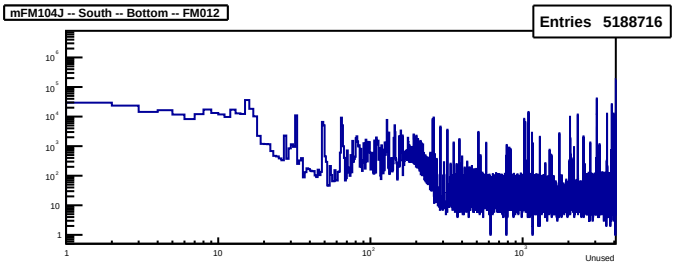

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1144861
J(23)

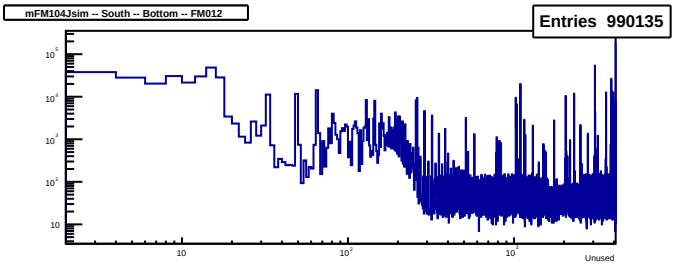

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.037743e+07

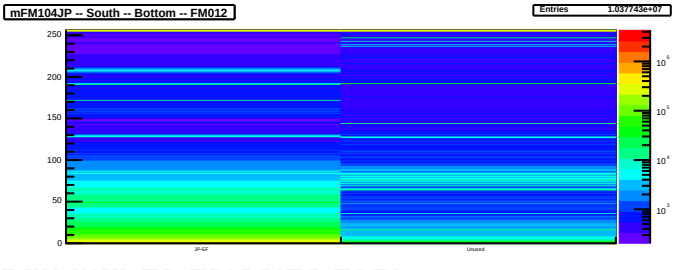

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2212260

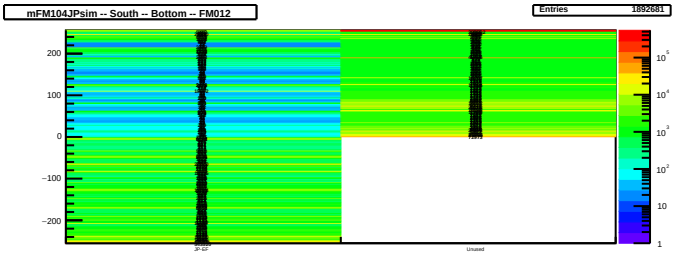

mFM104BS -- North -- Bottom -- FM012
Entries 2.075486e+07

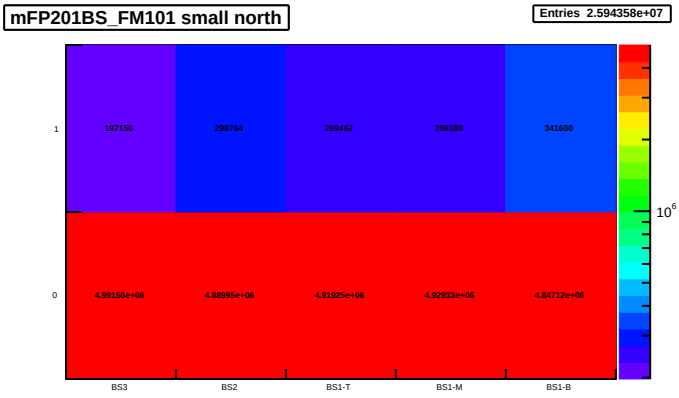

mFM104BSsim -- North -- Bottom -- FM012
Entries 3476718

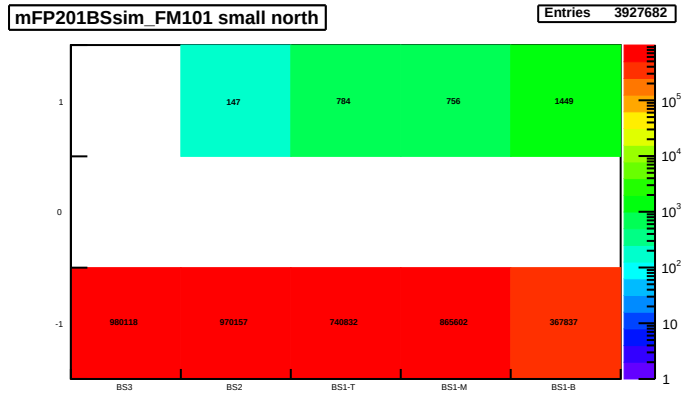

mFM104J -- South -- Bottom -- FM012
Entries 5188716
Unused

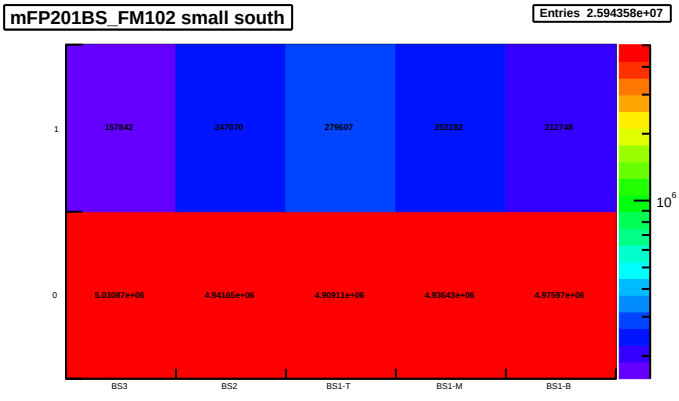

mFM104Jsim -- South -- Bottom -- FM012
Entries 990135
Unused

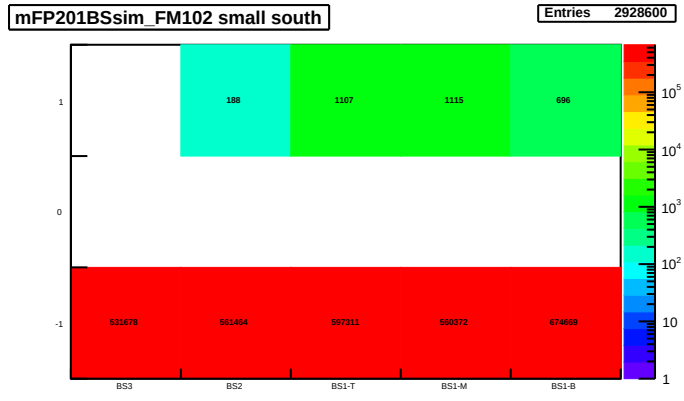

mFM104JP -- South -- Bottom -- FM012
Entries 1.037743e+07

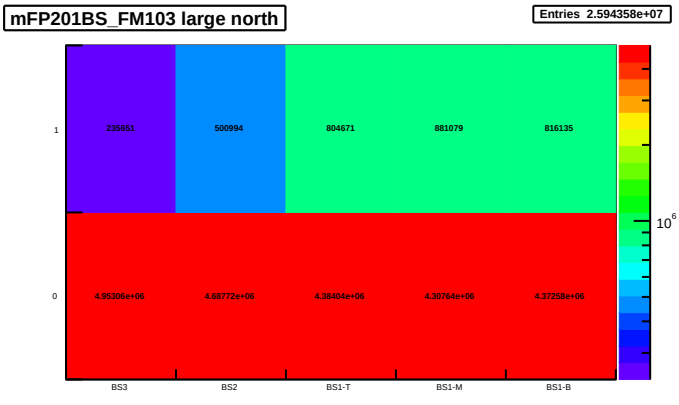

mFM104JPsim -- South -- Bottom -- FM012
Entries 1892681

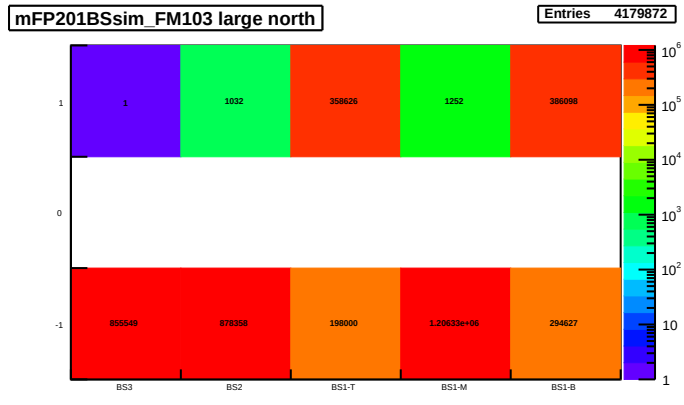

mFP201BS_FM101 small north
Entries 2.594358e+07
197156
298764
269462
259389
341600
4.99156e+06
4.88995e+06
4.91925e+06
4.92933e+06
4.84712e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

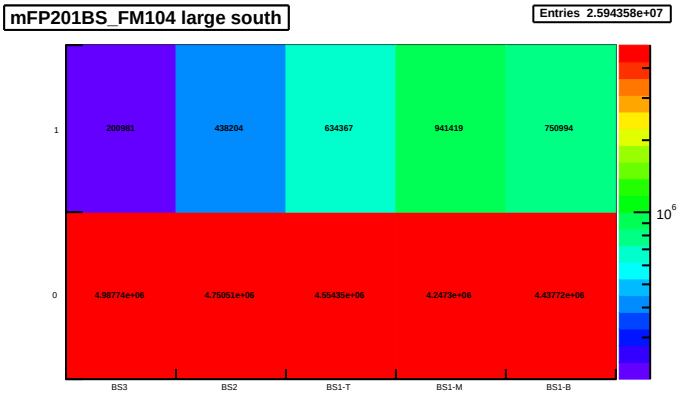

mFP201BSsim_FM101 small north
Entries 3927682
147
784
756
1449
980118
970157
740832
865602
367837
BS3
BS2
BS1-T
BS1-M
BS1-B

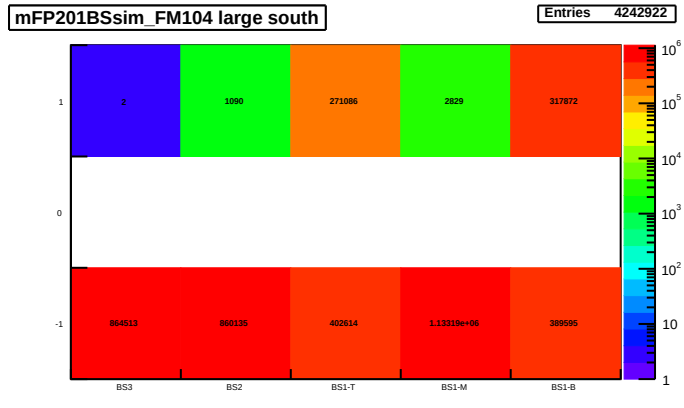

mFP201BS_FM102 small south
Entries 2.594358e+07
157842
247070
279607
252282
212748
5.03087e+06
4.94165e+06
4.90911e+06
4.93643e+06
4.97597e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

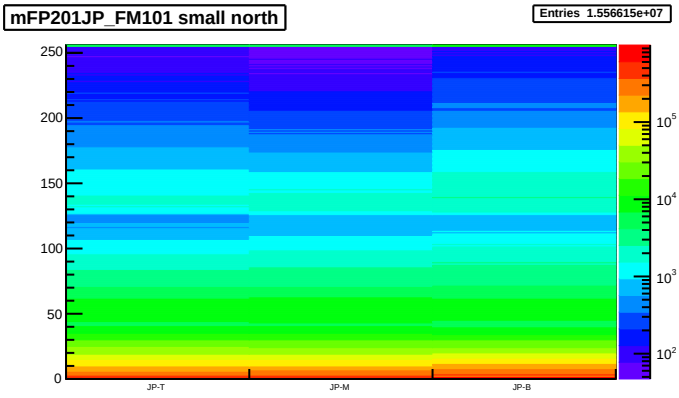

mFP201BSsim_FM102 small south
Entries 2928600
188
1107
1115
696
531678
561464
597311
560372
674669
BS3
BS2
BS1-T
BS1-M
BS1-B

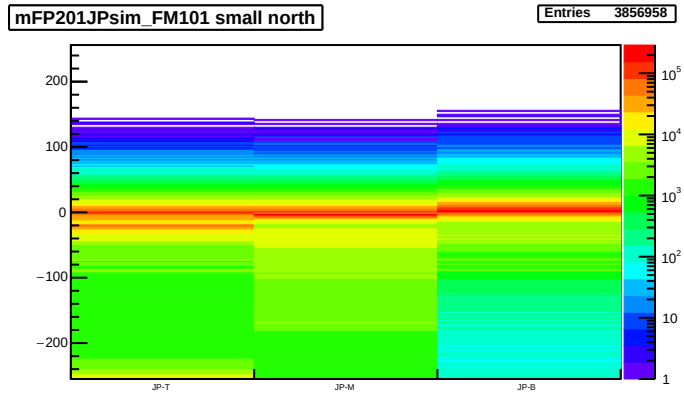

mFP201BS_FM103 large north
Entries 2.594358e+07
235651
500994
804671
881079
816135
4.95306e+06
4.68772e+06
4.38404e+06
4.30764e+06
4.37258e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

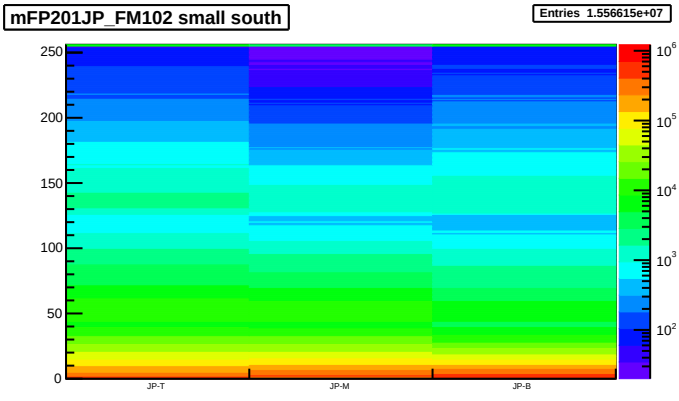

mFP201BSsim_FM103 large north
Entries 4179872
1
1032
358626
1252
386098
855549
878358
198000
1.20633e+06
294627
BS3
BS2
BS1-T
BS1-M
BS1-B

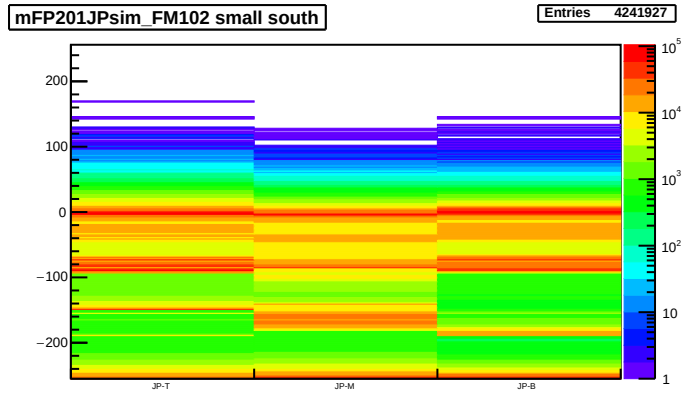

mFP201BS_FM104 large south
Entries 2.594358e+07
200981
438204
634367
941419
750994
4.98774e+06
4.75051e+06
4.55435e+06
4.2473e+06
4.43772e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

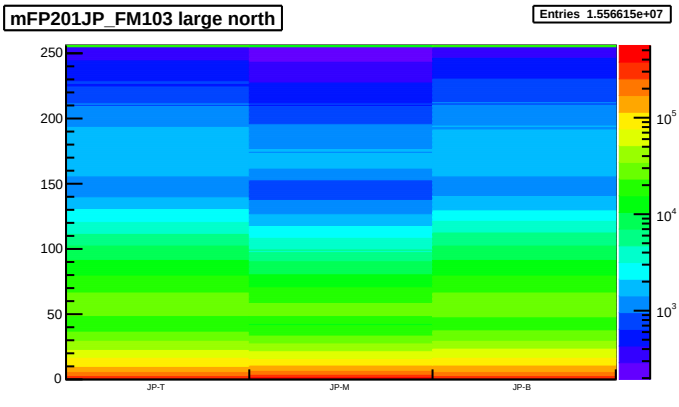

mFP201BSsim_FM104 large south
Entries 4242922
2
1090
271086
2829
317872
864513
860135
402614
1.13319e+06
389595
BS3
BS2
BS1-T
BS1-M
BS1-B

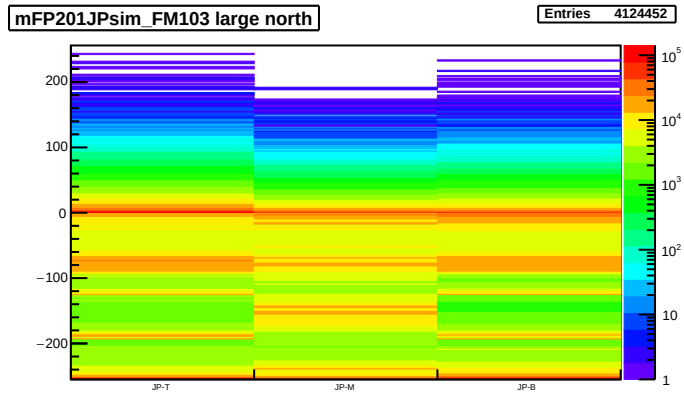

mFP201JP_FM101 small north
Entries 1.556615e+07
JP-T
JP-M
JP-B

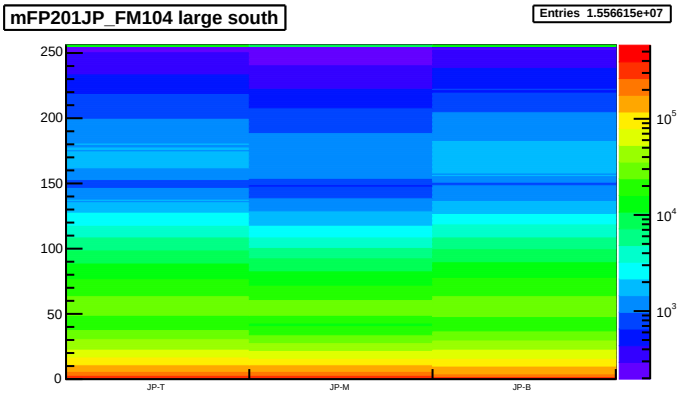

mFP201JPsim_FM101 small north
Entries 3856958
JP-T
JP-M
JP-B

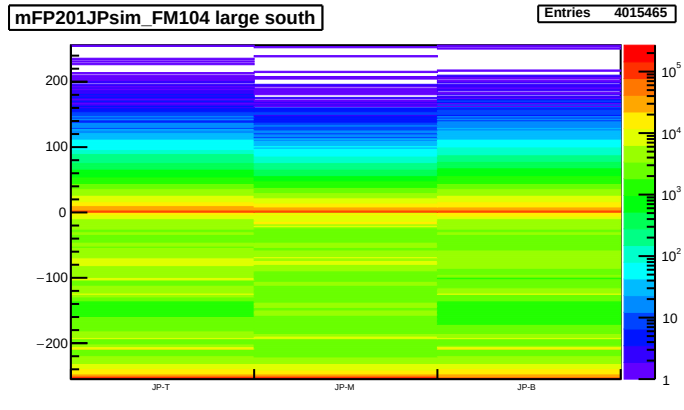

mFP201JP_FM102 small south
Entries 1.556615e+07
JP-T
JP-M
JP-B

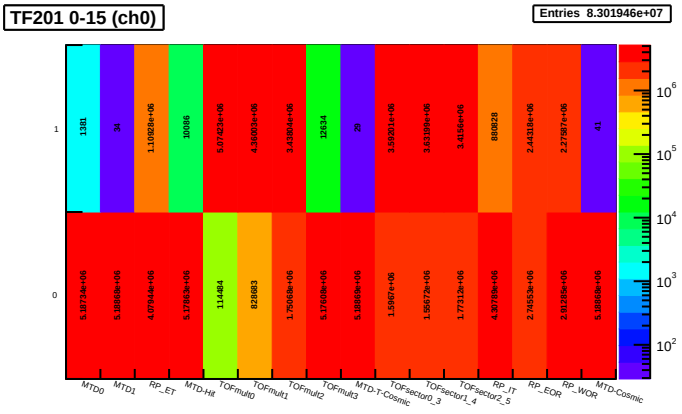

mFP201JPsim_FM102 small south
Entries 4241927
JP-T
JP-M
JP-B

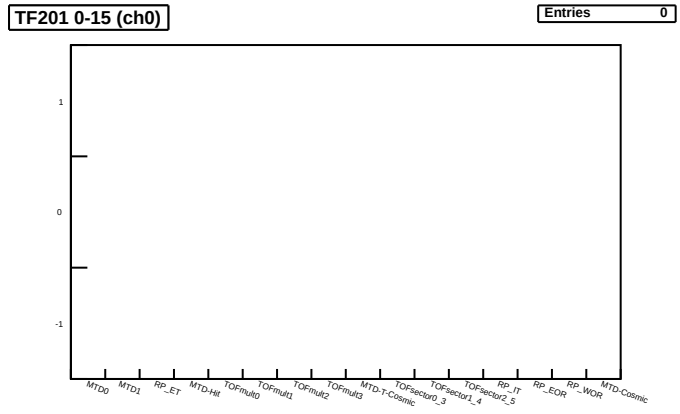

mFP201JP_FM103 large north
Entries 1.556615e+07
JP-T
JP-M
JP-B

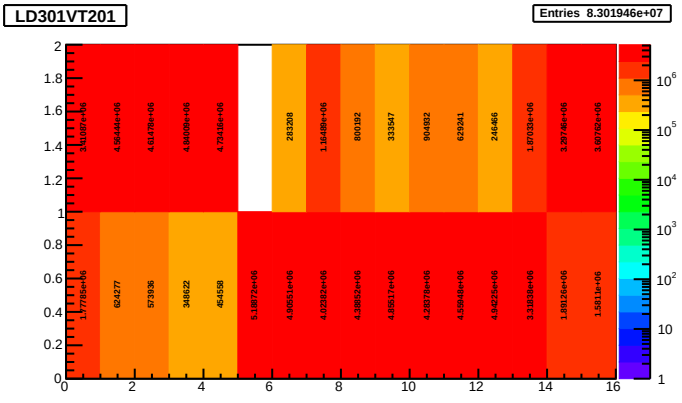

mFP201JPsim_FM103 large north
Entries 4124452
JP-T
JP-M
JP-B

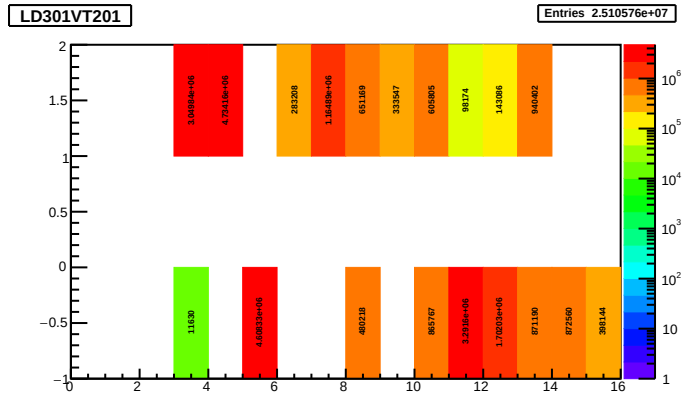

mFP201JP_FM104 large south
Entries 1.556615e+07
JP-T
JP-M
JP-B

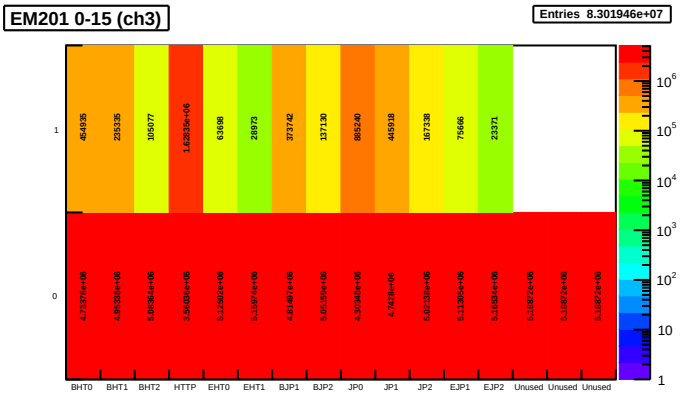

mFP201JPsim_FM104 large south
Entries 4015465
JP-T
JP-M
JP-B

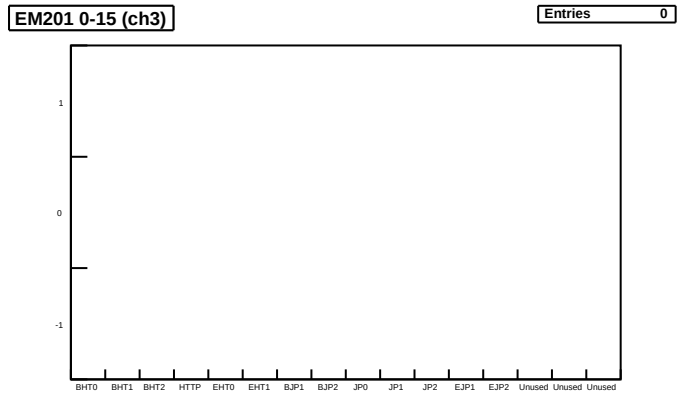

TF201 0-15 (ch0)
Entries 8.301946e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 8.301946e+07


LD301VT201
Entries 2.510576e+07


EM201 0-15 (ch3)
Entries 8.301946e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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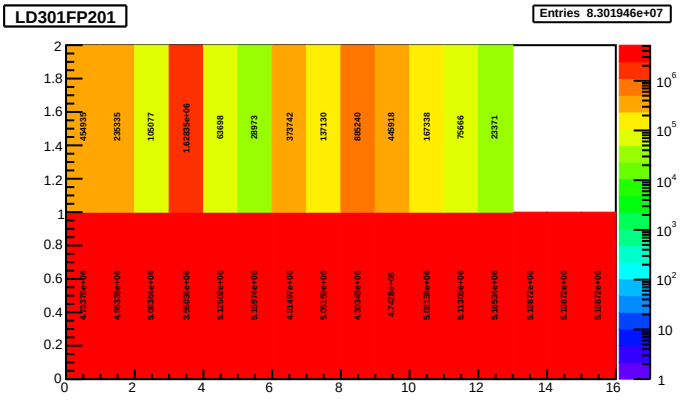
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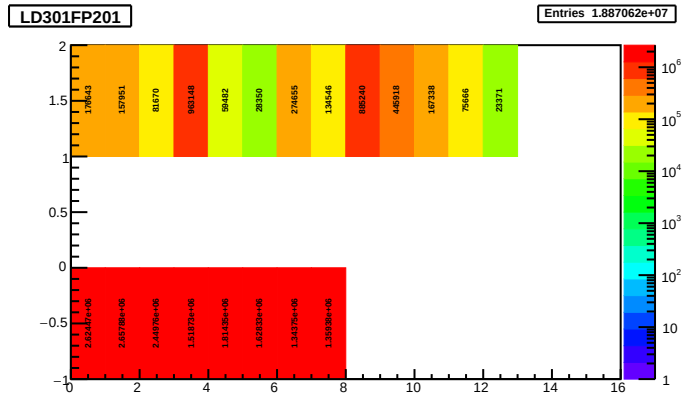
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