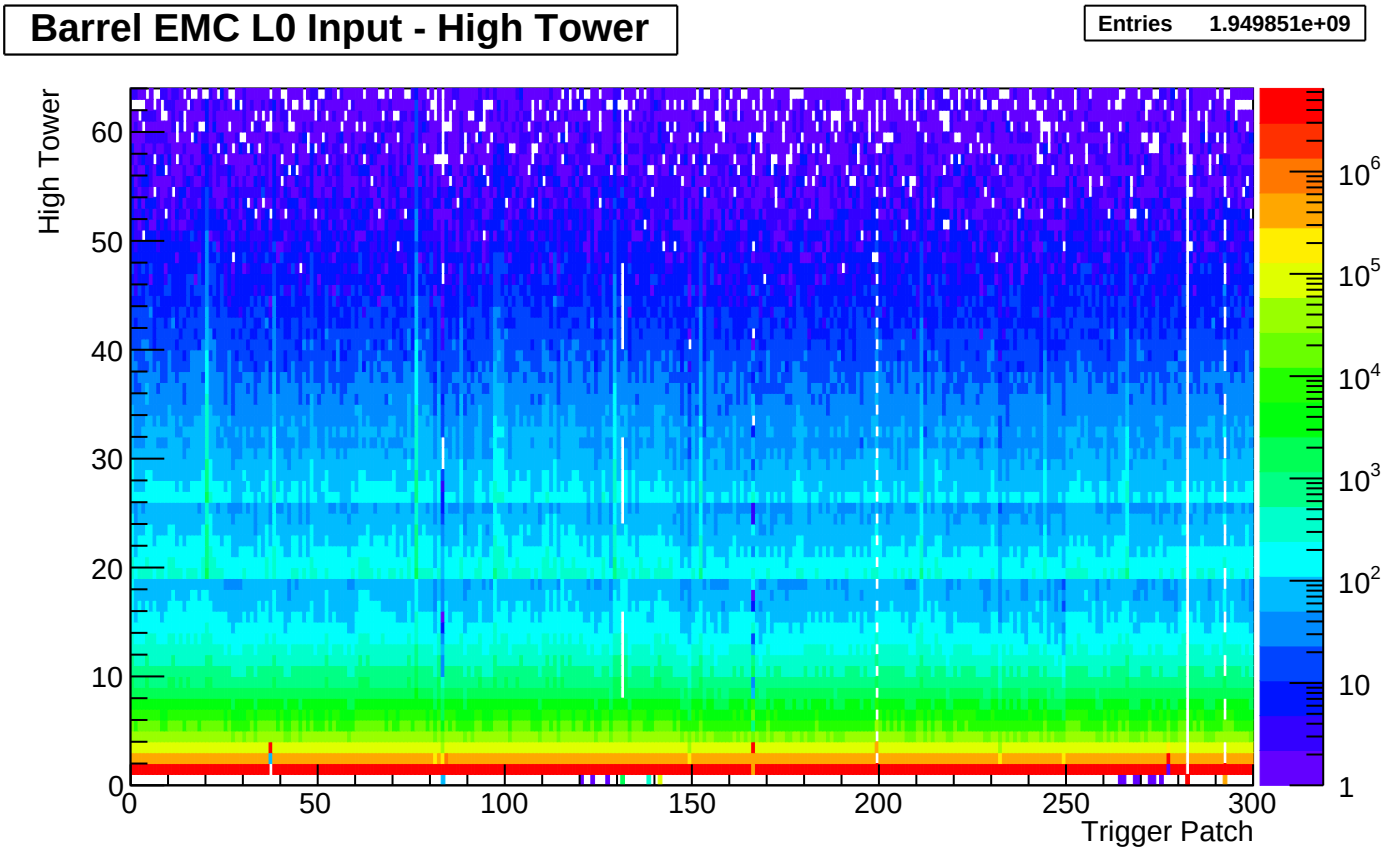
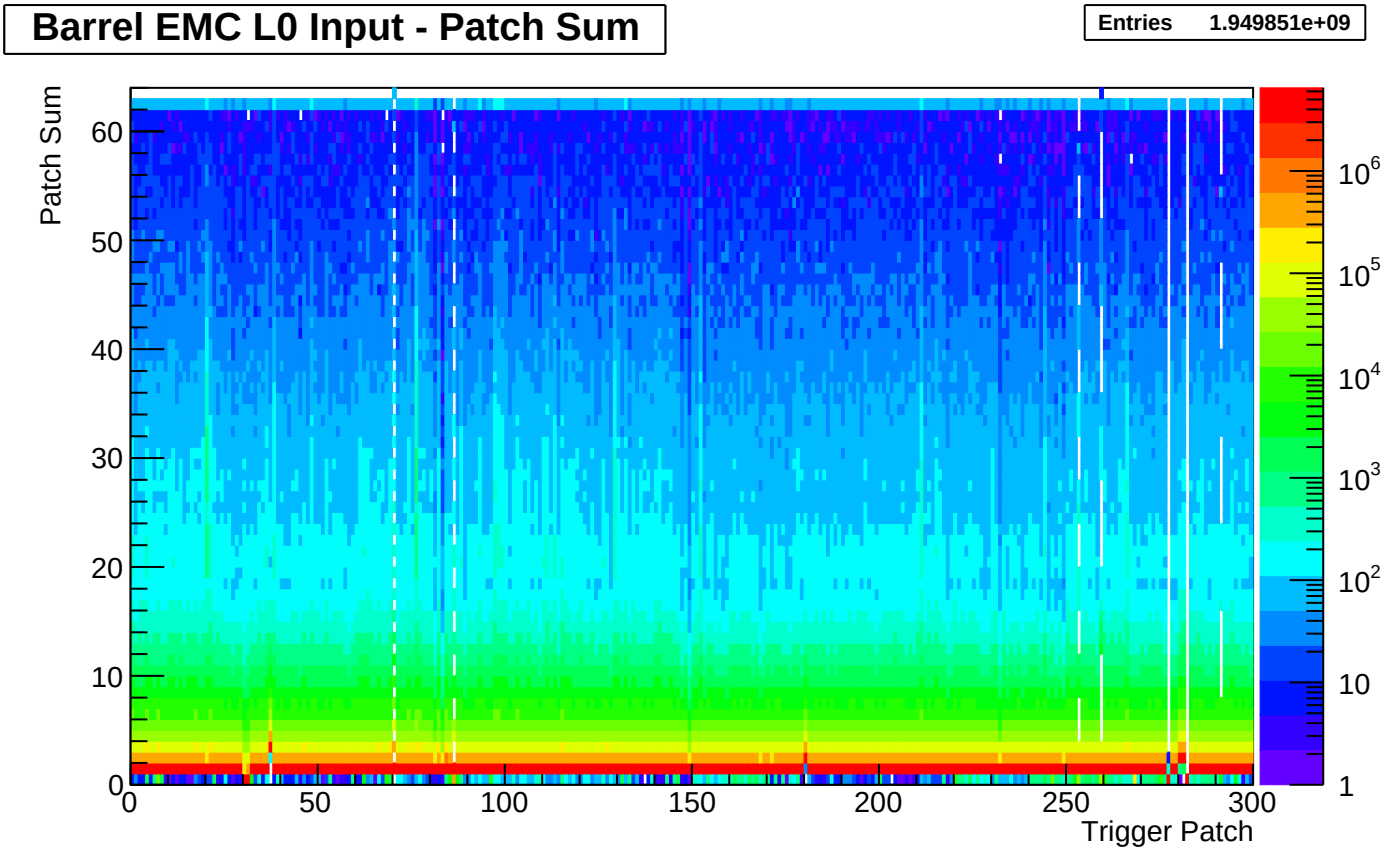
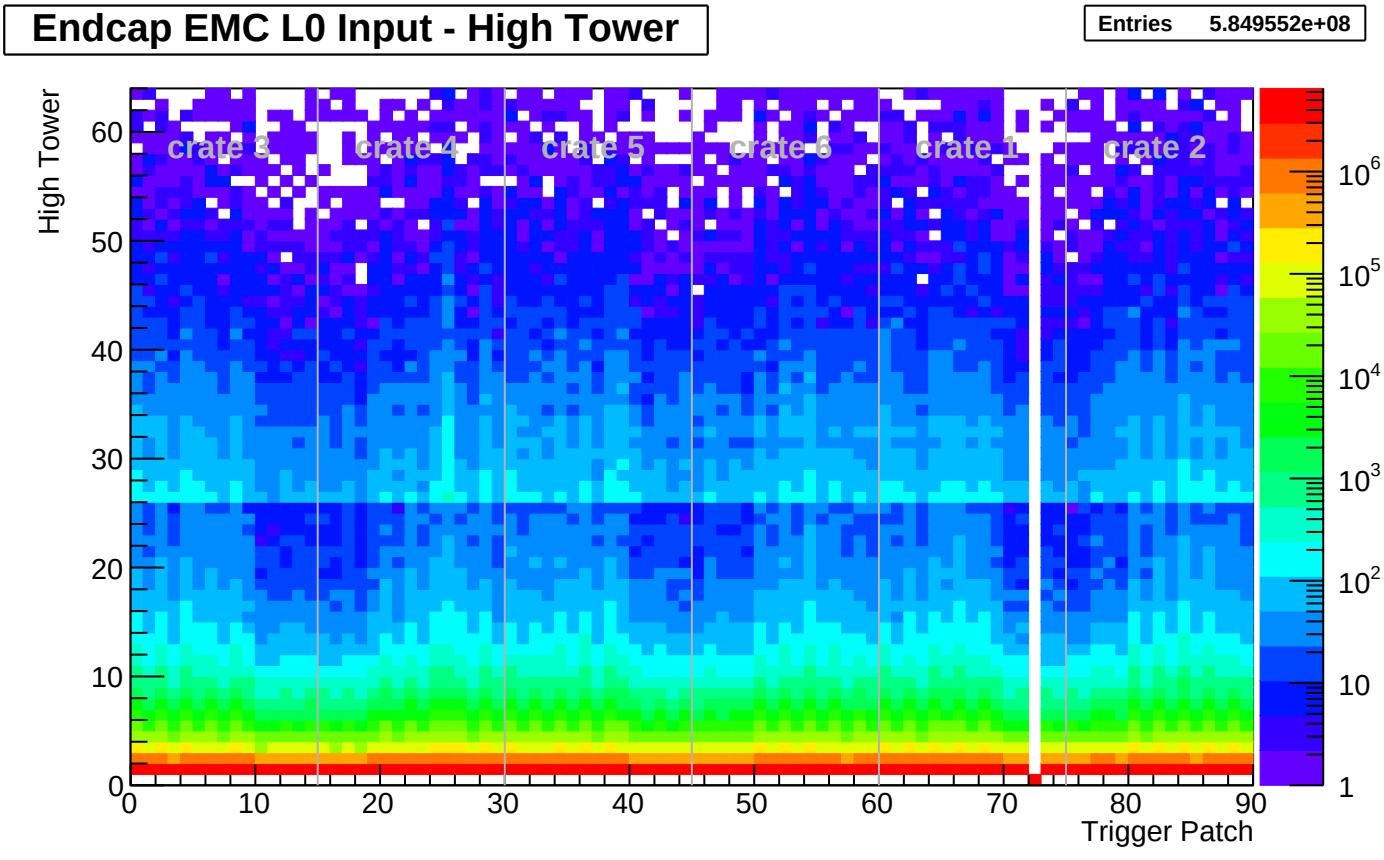
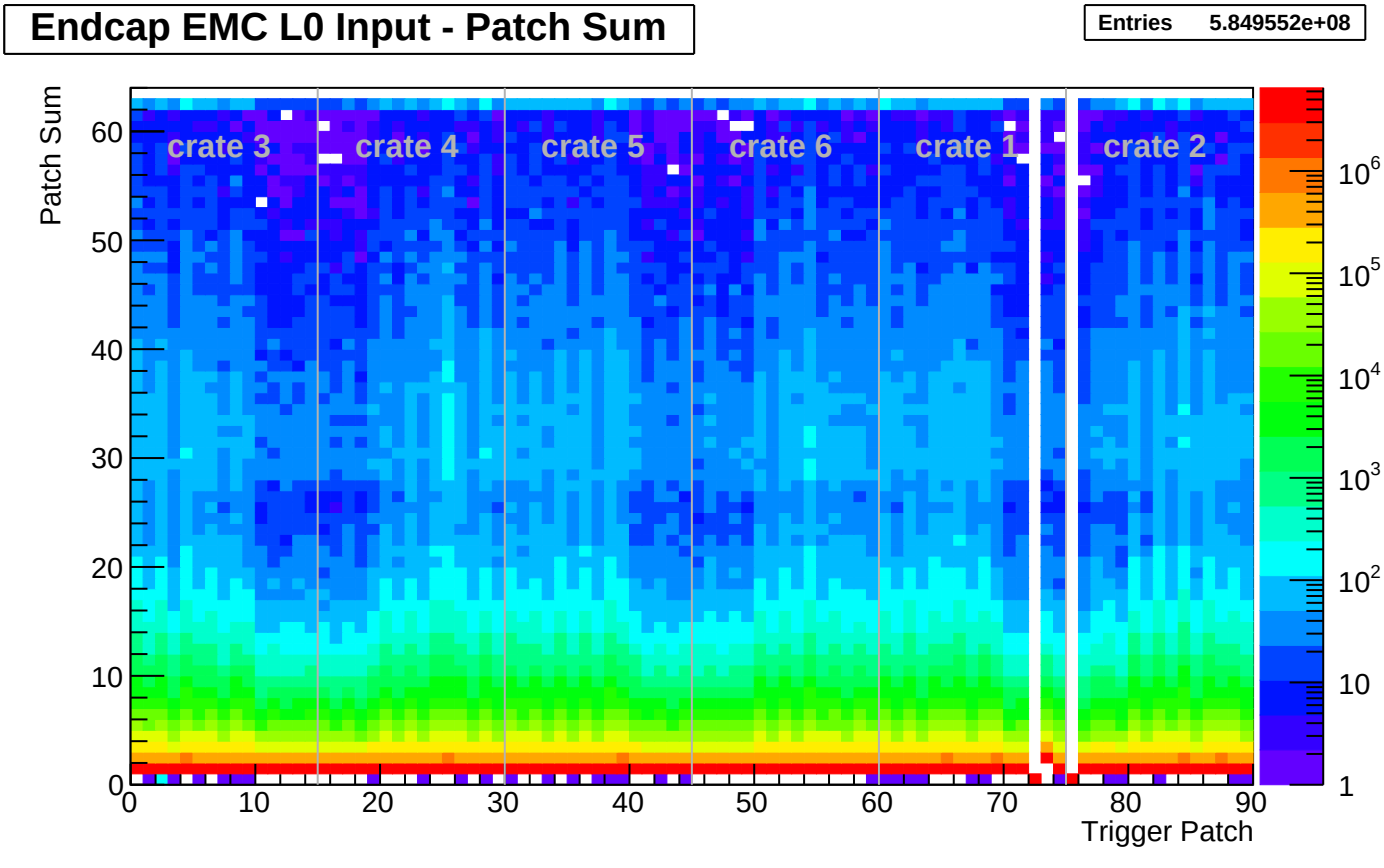
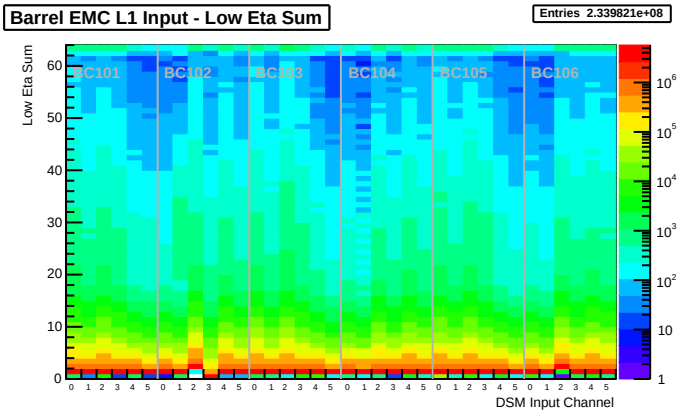
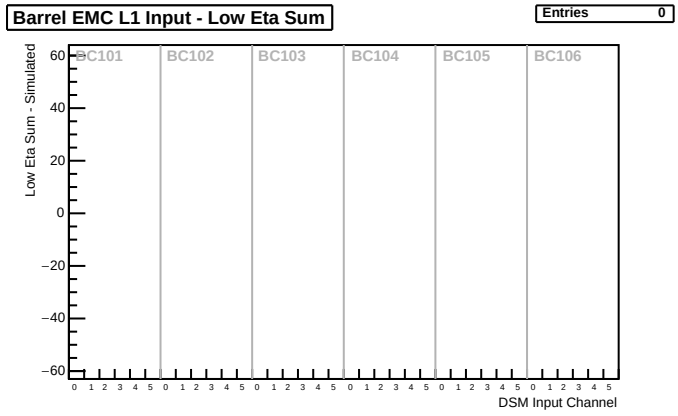

Barrel EMC L0 Input - High Tower
Entries 1.949851e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

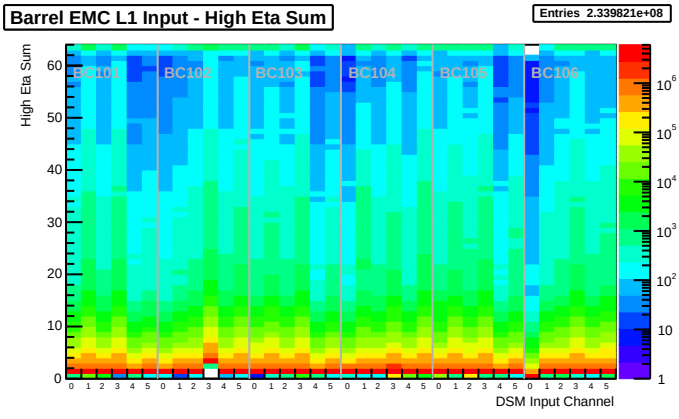

Barrel EMC L0 Input - Patch Sum
Entries 1.949851e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

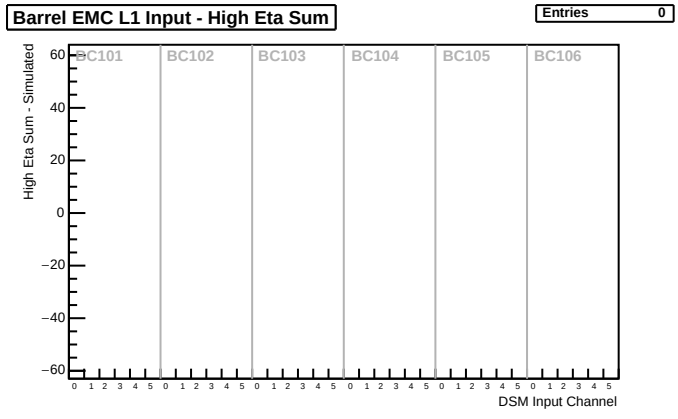

Endcap EMC L0 Input - High Tower
Entries 5.849552e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

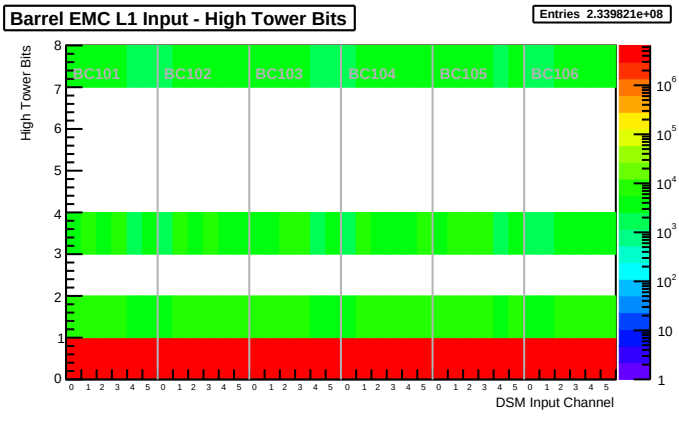

Endcap EMC L0 Input - Patch Sum
Entries 5.849552e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

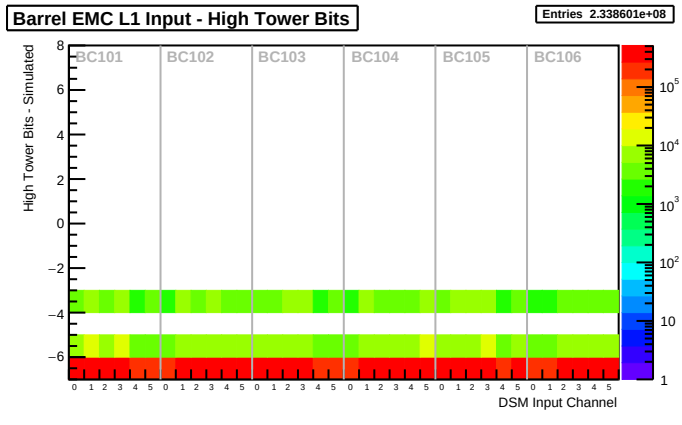

Barrel EMC L1 Input - Low Eta Sum
Entries 2.339821e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

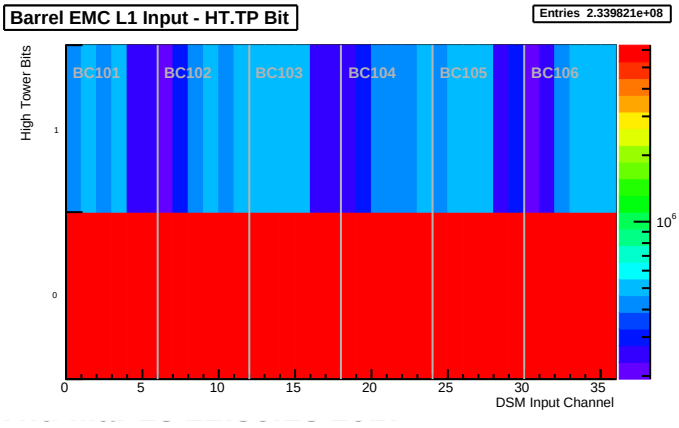

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

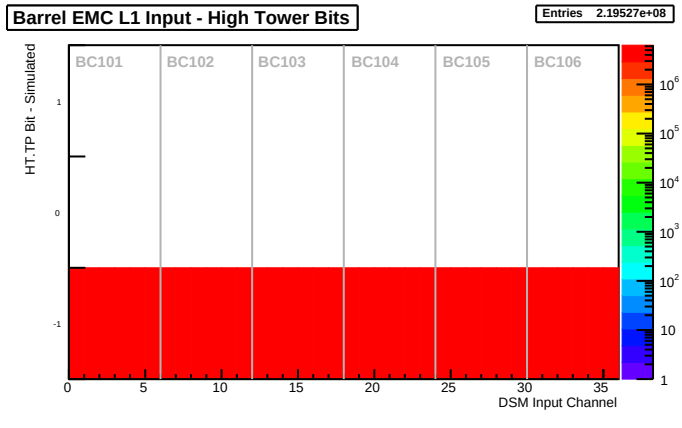

Barrel EMC L1 Input - High Eta Sum
Entries 2.339821e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

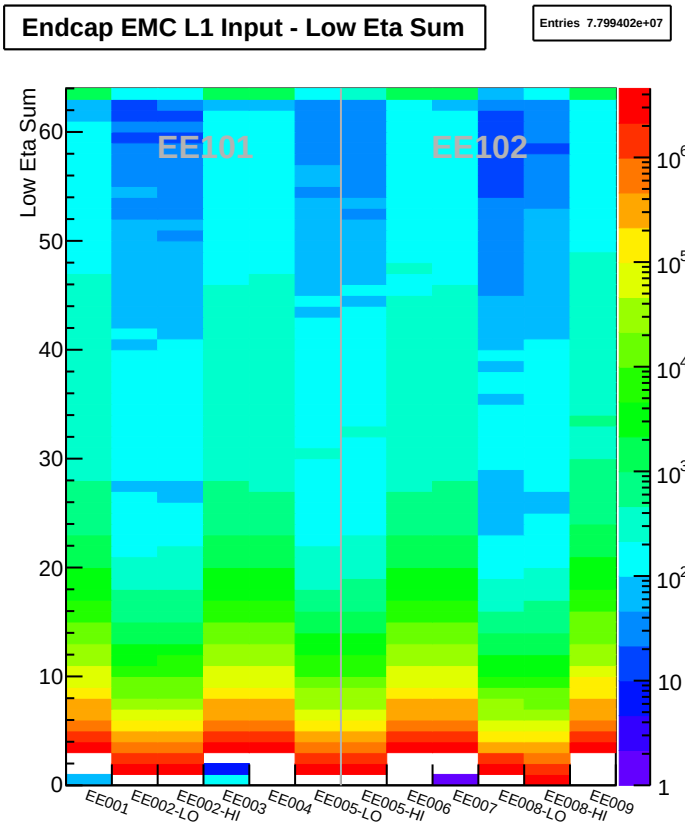

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

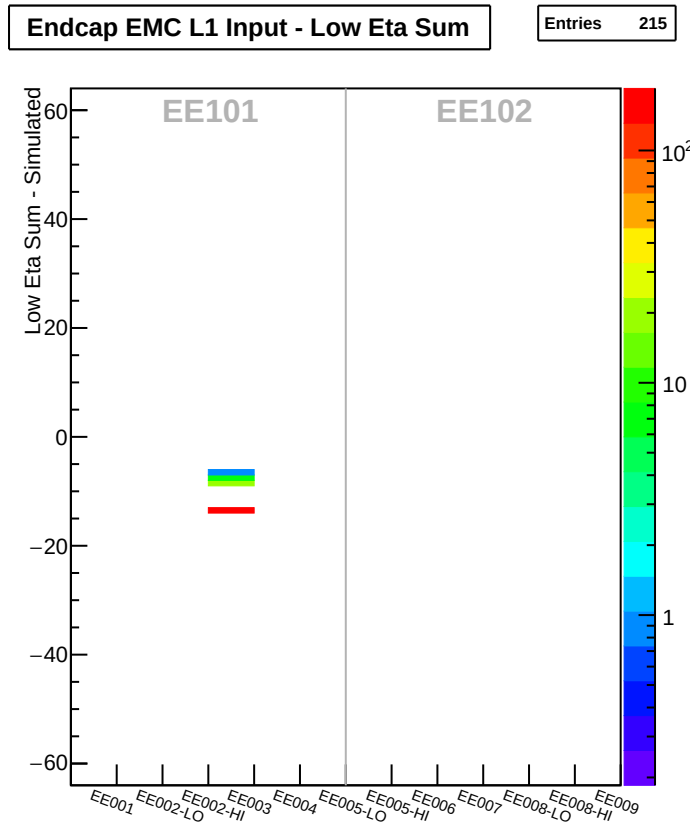

Barrel EMC L1 Input - High Tower Bits
Entries 2.339821e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

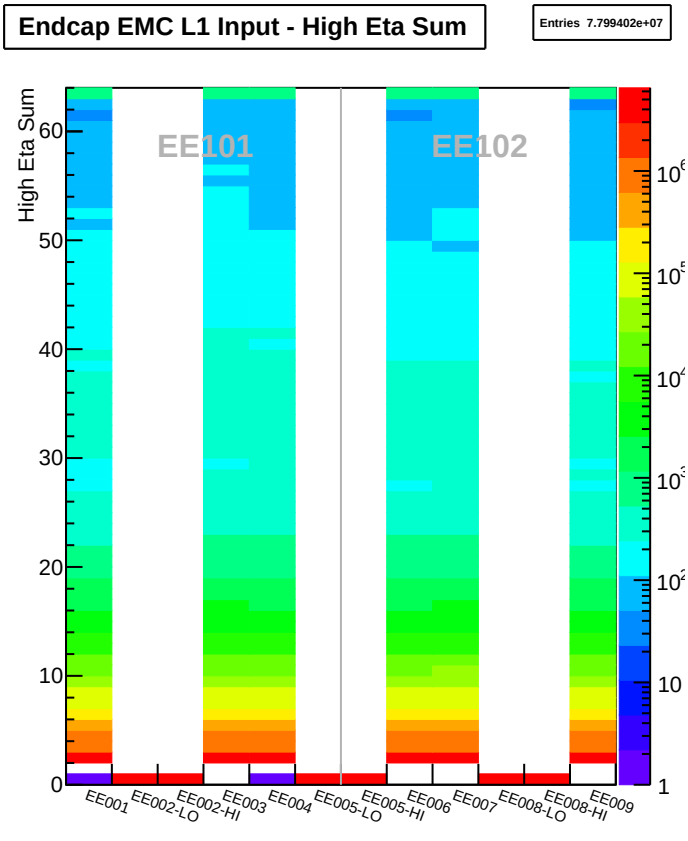

Barrel EMC L1 Input - High Tower Bits
Entries 2.338601e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

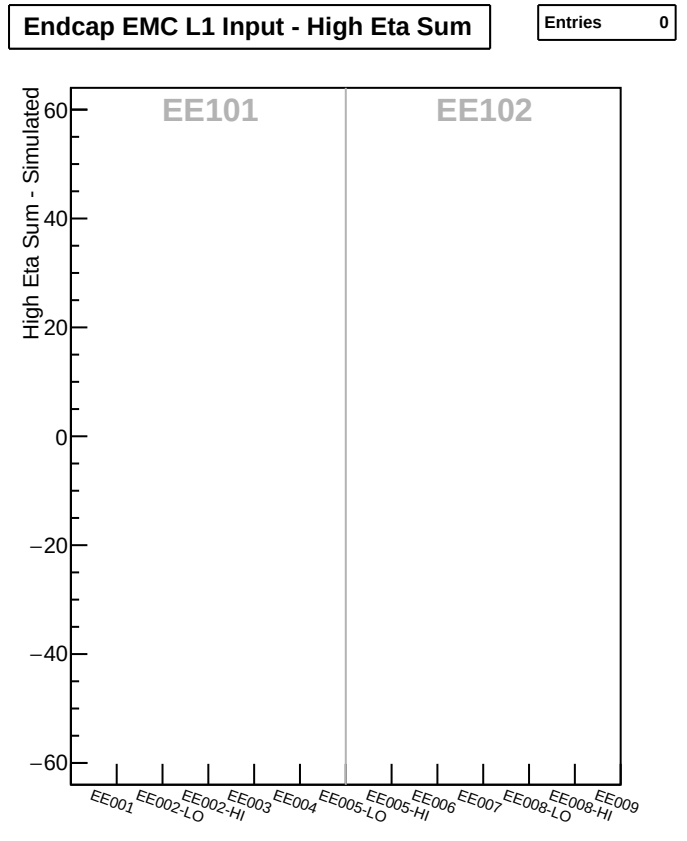

Barrel EMC L1 Input - HT.TP Bit
Entries 2.339821e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

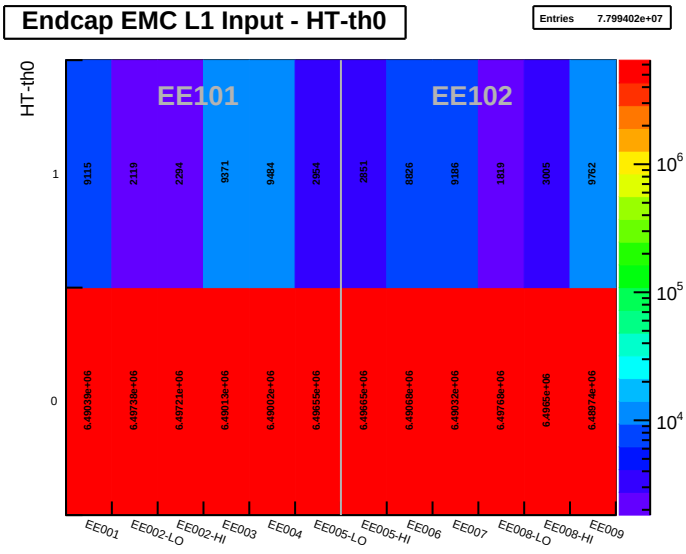

Barrel EMC L1 Input - High Tower Bits
Entries 2.19527e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

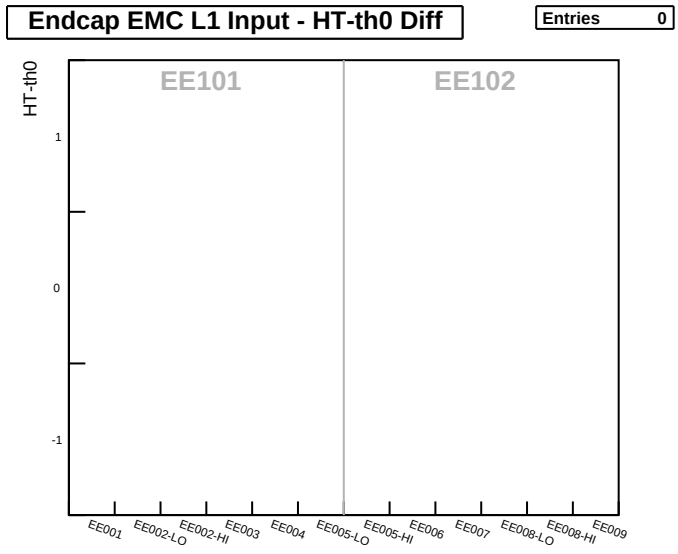

Endcap EMC L1 Input - Low Eta Sum
Entries 7.799402e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

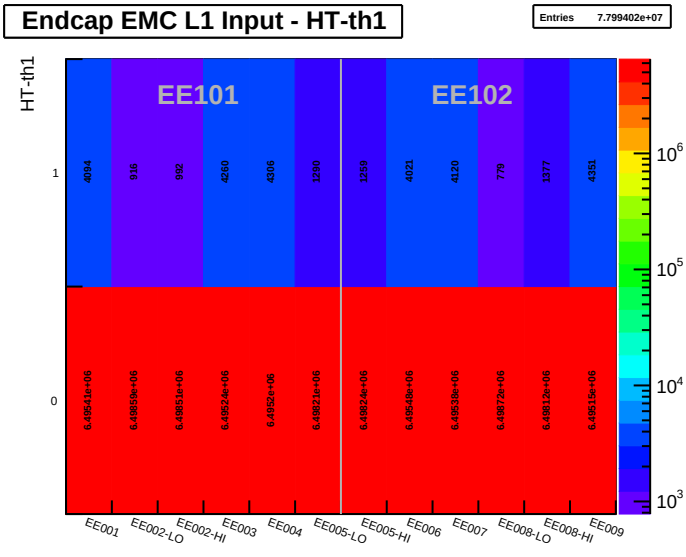

Endcap EMC L1 Input - Low Eta Sum
Entries 215
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

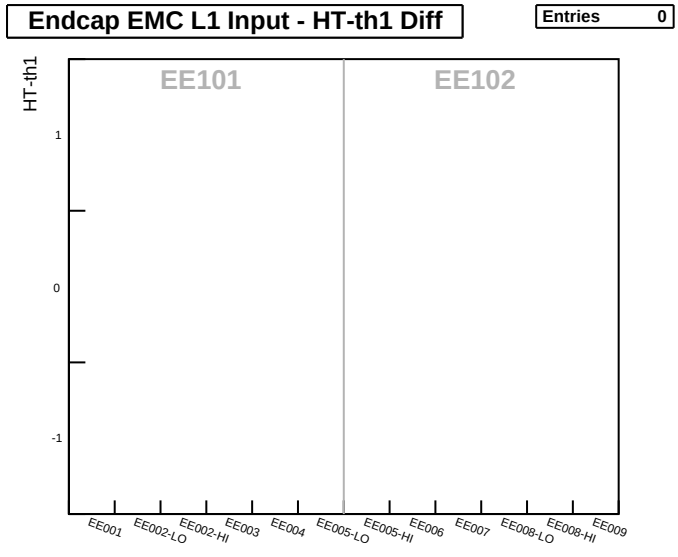

Endcap EMC L1 Input - High Eta Sum
Entries 7.799402e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

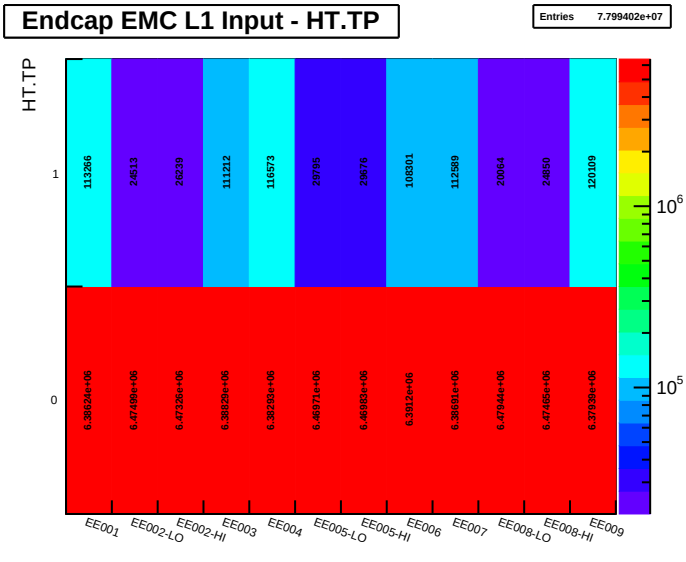

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

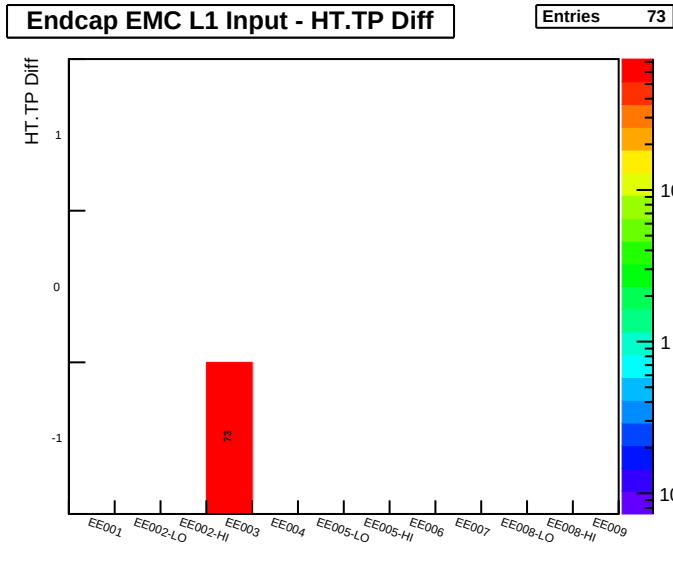

Endcap EMC L1 Input - HT-th0
Entries 7.799402e+07
HT-th0
EE101
EE102
1
0
9115 2119 2294 9371 9484 2954 2851 8826 9186 1819 3005 9762
6.49039e+06 6.49739e+06 6.49721e+06 6.49013e+06 6.49002e+06 6.49655e+06 6.49665e+06 6.49068e+06 6.49032e+06 6.49768e+06 6.4965e+06 6.49874e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

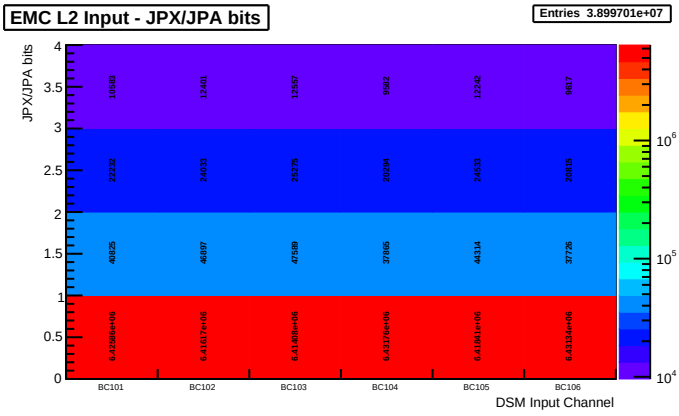

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

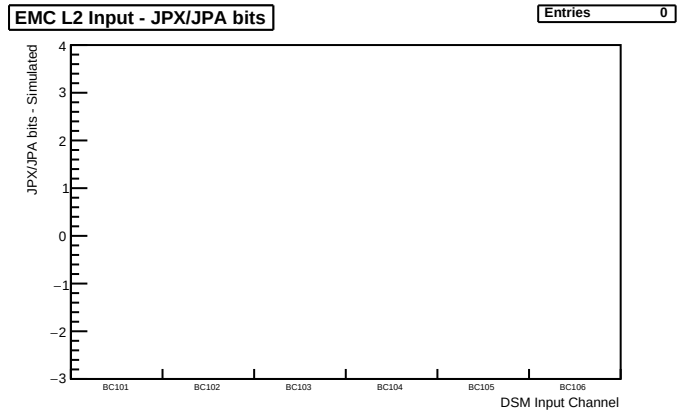

Endcap EMC L1 Input - HT-th1
Entries 7.799402e+07
HT-th1
EE101
EE102
1
0
4094 916 992 4260 4306 1290 1259 4021 4120 779 1377 4351
6.49541e+06 6.48959e+06 6.48951e+06 6.49524e+06 6.4952e+06 6.48921e+06 6.49624e+06 6.49548e+06 6.49539e+06 6.49372e+06 6.48812e+06 6.49515e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

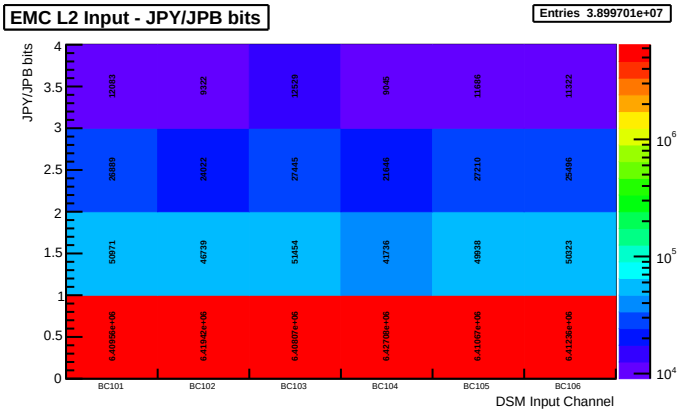

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

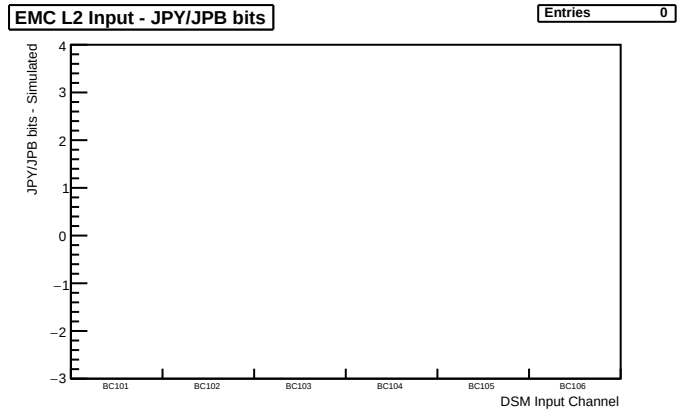

Endcap EMC L1 Input - HT.TP
Entries 7.799402e+07
HT.TP
1
0
113266 24513 26239 111212 116573 29795 28676 108301 112589 20064 24850 120109
6.36524e+06 6.47499e+06 6.47326e+06 6.38829e+06 6.38295e+06 6.46971e+06 6.46983e+06 6.3912e+06 6.39691e+06 6.47044e+06 6.47465e+06 6.37939e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

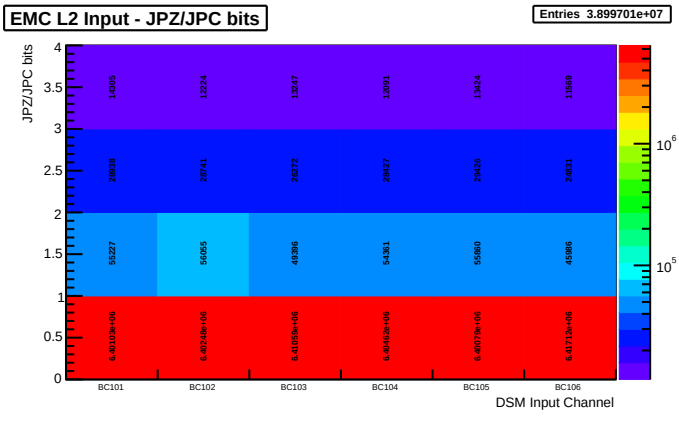

Endcap EMC L1 Input - HT.TP Diff
Entries 73
HT.TP Diff
1
0
-1
73
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

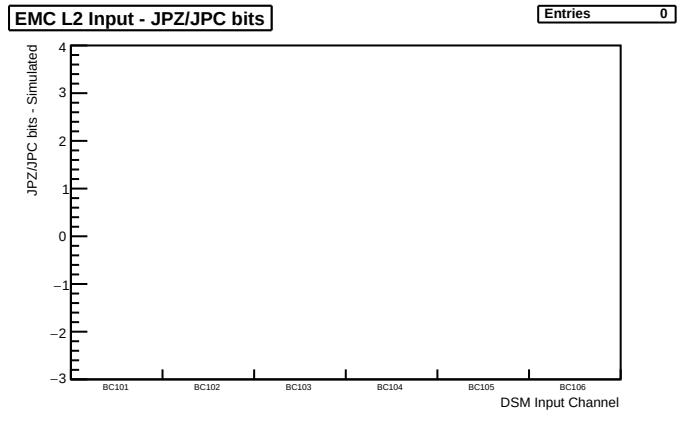

EMC L2 Input - JPX/JPA bits
Entries 3.899701e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10583
12401
12557
9932
12242
9617
22242
24033
25275
20294
24533
20815
40825
46897
47389
37965
44314
37726
6.42384e+06
6.41617e+06
6.41408e+06
6.43376e+06
6.41941e+06
6.43134e+06

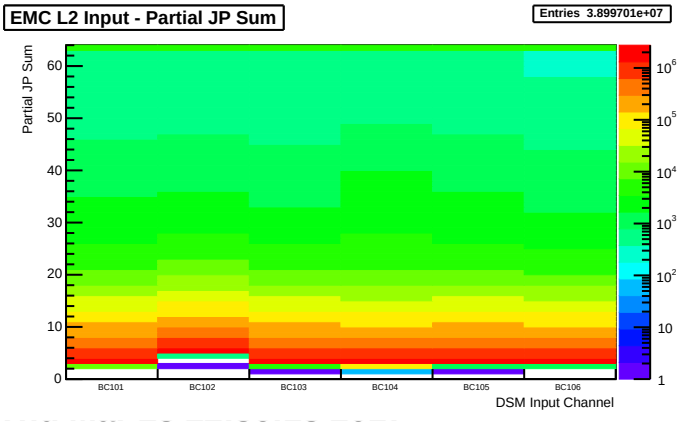

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

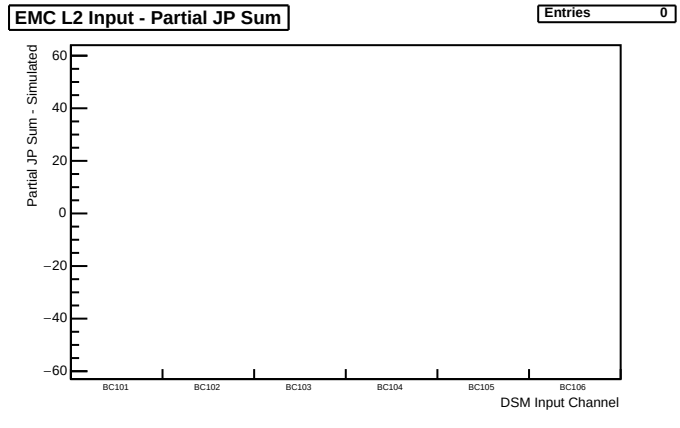

EMC L2 Input - JPY/JPB bits
Entries 3.899701e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12083
9322
12529
9045
11686
11322
26889
24022
27445
21646
27210
25496
50971
46739
51454
41736
49938
50323
6.40956e+06
6.41942e+06
6.40807e+06
6.42708e+06
6.41067e+06
6.41236e+06

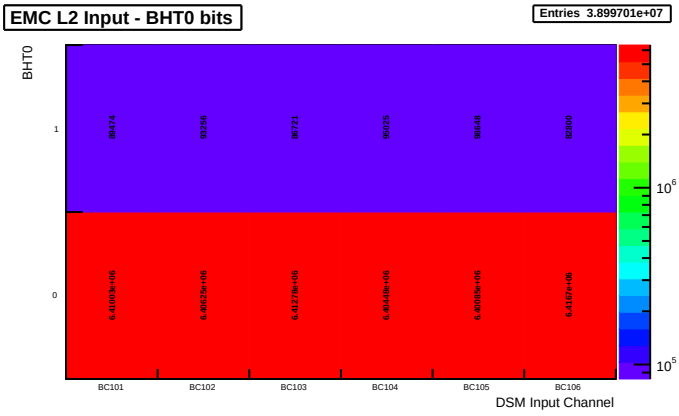

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

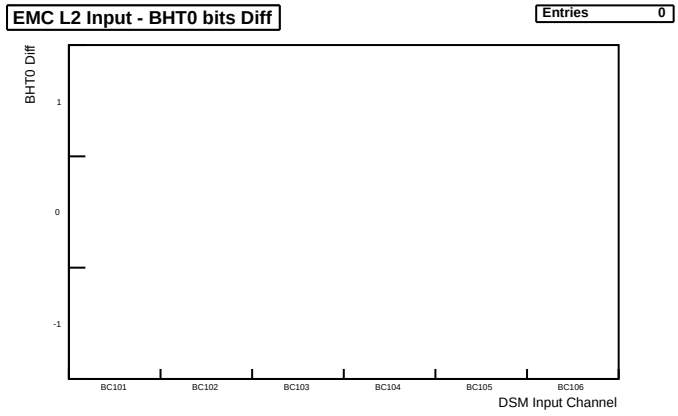

EMC L2 Input - JPZ/JPC bits
Entries 3.899701e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14305
12224
13247
12091
13424
11569
28838
28741
26272
28427
29425
24831
55227
56065
49386
54361
55980
45986
6.40136e+06
6.40249e+06
6.41059e+06
6.40462e+06
6.40079e+06
6.41712e+06

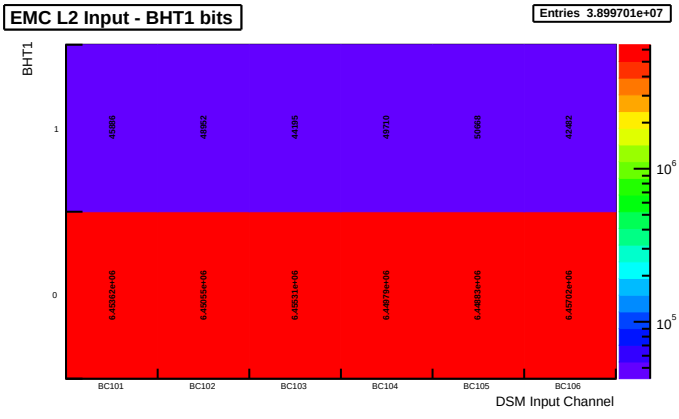

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

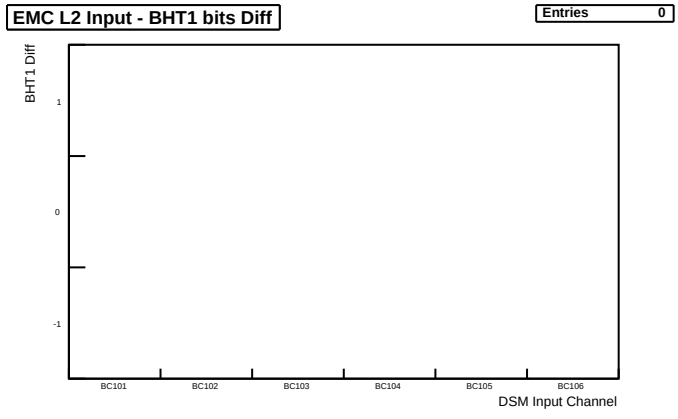

EMC L2 Input - Partial JP Sum
Entries 3.899701e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

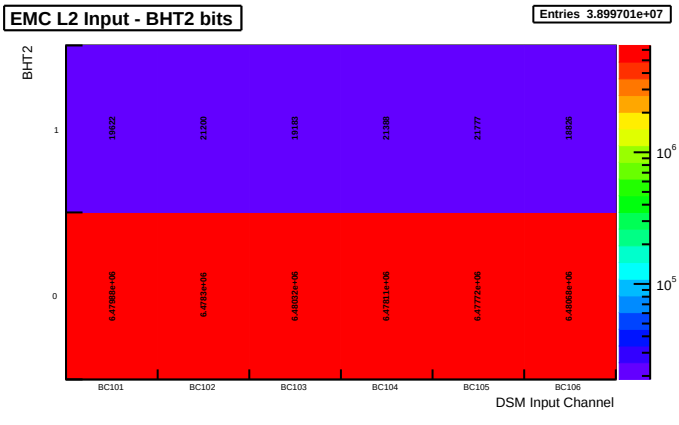

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

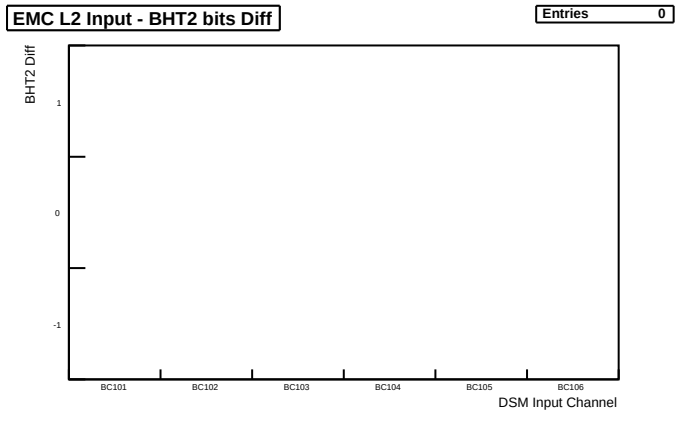

EMC L2 Input - BHT0 bits
Entries 3.899701e+07
BHT0
1
0
8474
93256
86721
95025
98648
92100
6.41003e+06
6.40625e+06
6.41279e+06
6.40448e+06
6.40859e+06
6.41167e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

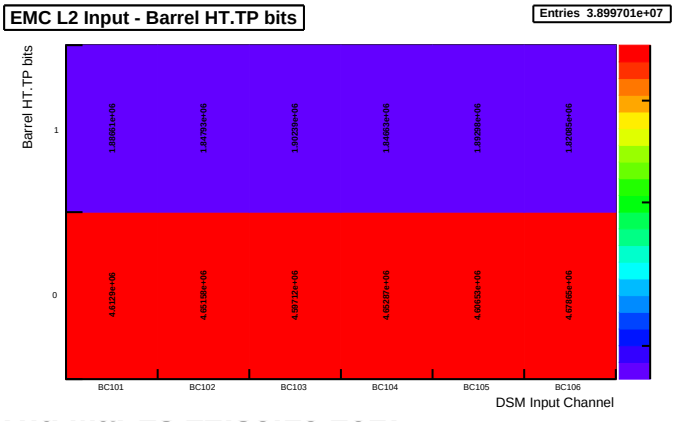

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

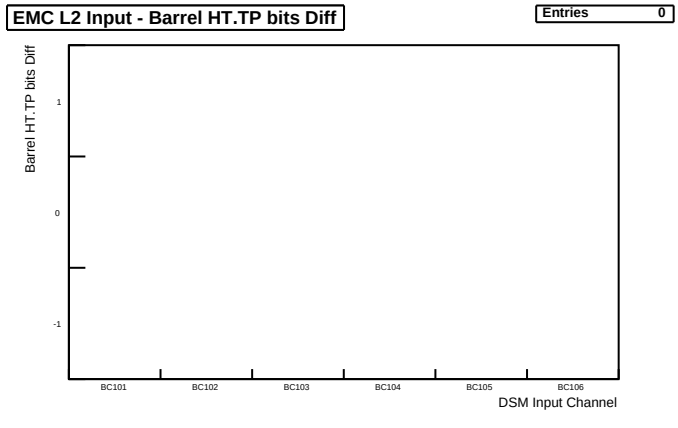

EMC L2 Input - BHT1 bits
Entries 3.899701e+07
BHT1
1
0
43886
43952
44195
47710
50668
42482
6.45362e+06
6.45355e+06
6.45331e+06
6.44979e+06
6.44883e+06
6.45702e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

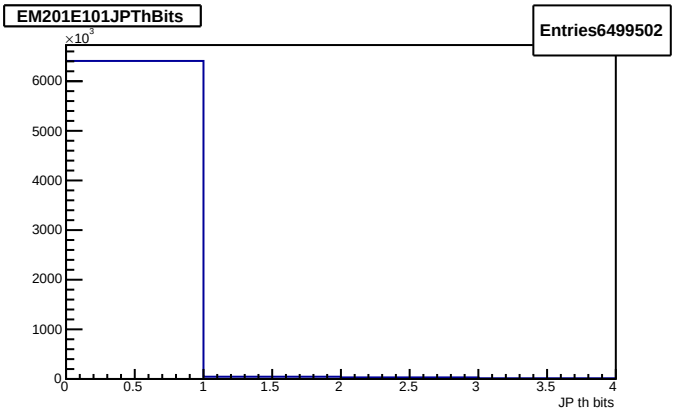

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

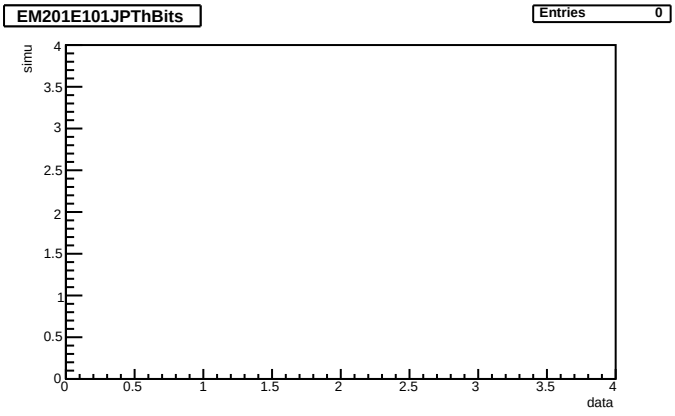

EMC L2 Input - BHT2 bits
Entries 3.899701e+07
BHT2
1
0
19922
21200
19183
21338
21777
18826
6.47989e+06
6.47853e+06
6.48032e+06
6.47811e+06
6.47772e+06
6.48068e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

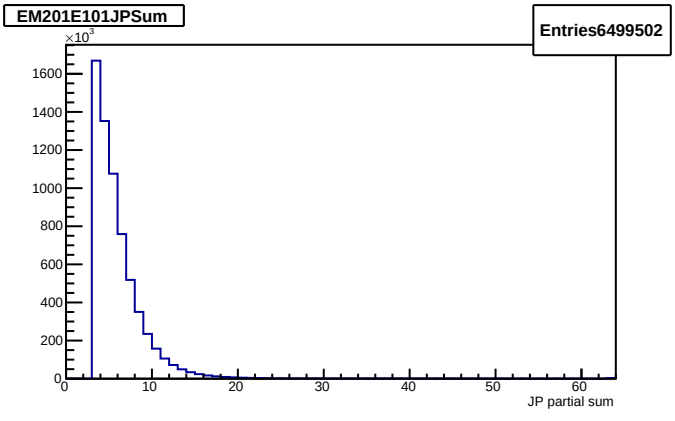

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

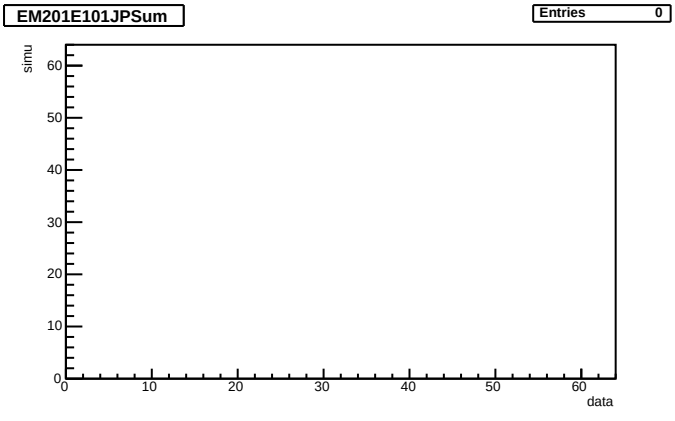

EMC L2 Input - Barrel HT.TP bits
Entries 3.899701e+07
Barrel HT.TP bits
1
0
1.88651e+06
1.94793e+06
1.90239e+06
1.94653e+06
1.89289e+06
1.92085e+06
4.6129e+06
4.65158e+06
4.59712e+06
4.65237e+06
4.60653e+06
4.67865e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

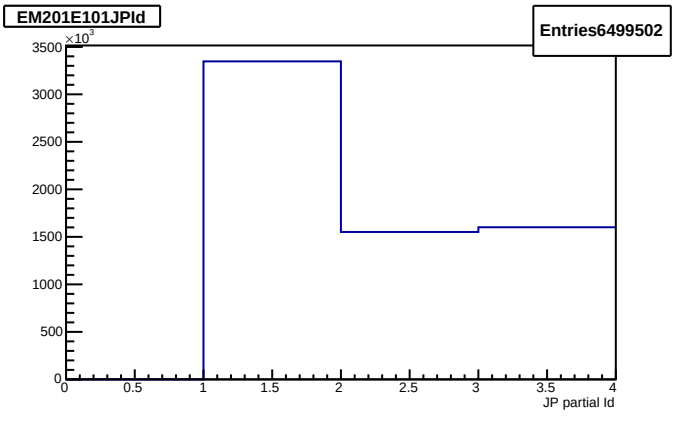

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

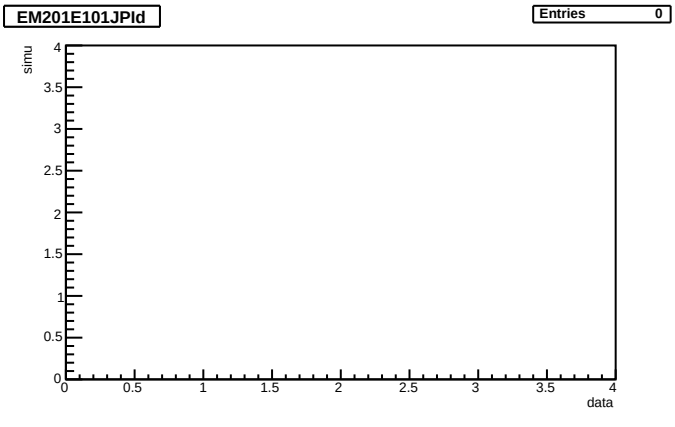

EM201E101JPThBits
Entries6499502
×10^3
JP th bits

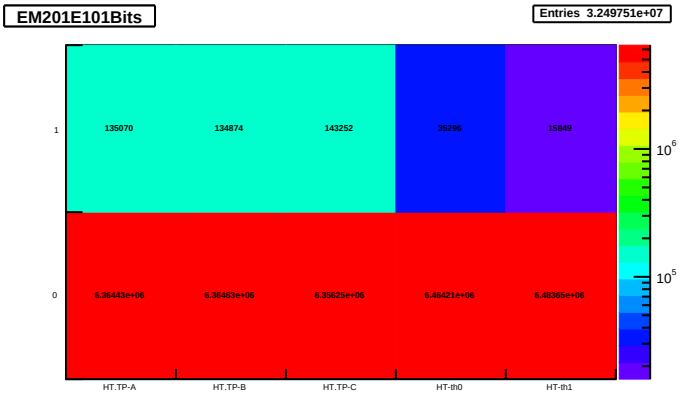

EM201E101JPThBits
Entries 0
simu
data

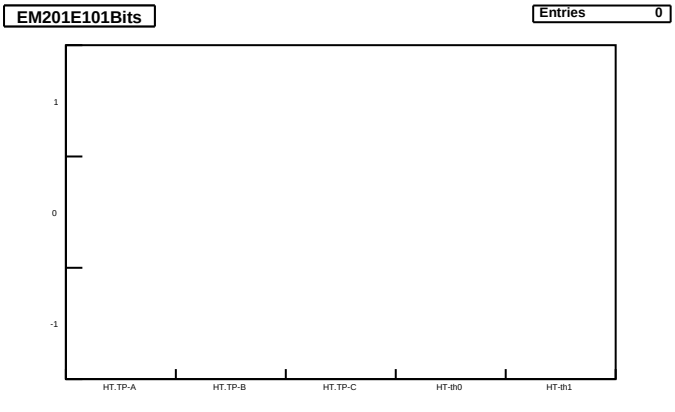

EM201E101JPSum
Entries6499502
×10^3
JP partial sum

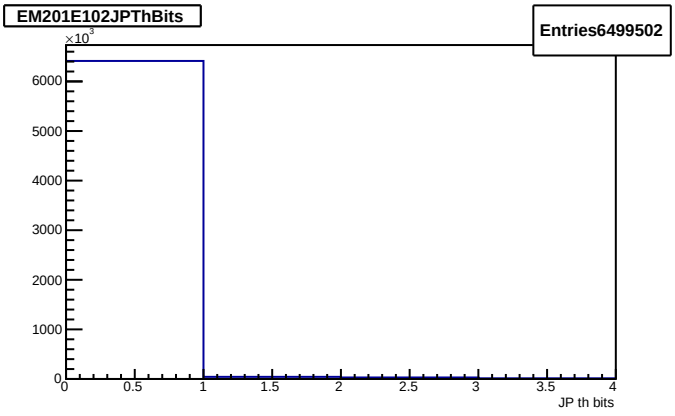

EM201E101JPSum
Entries 0
simu
data

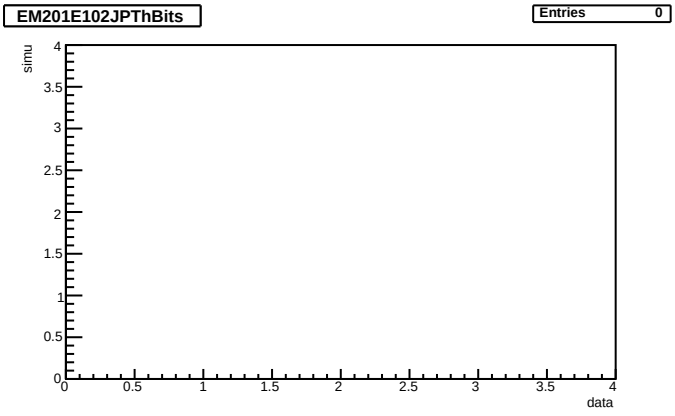

EM201E101JPId
Entries6499502
×10^3
JP partial Id

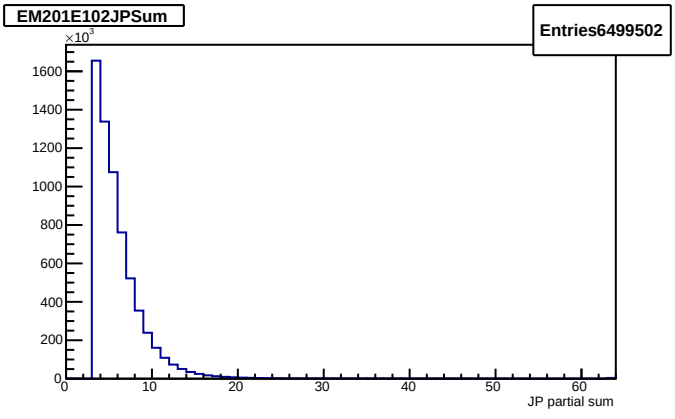

EM201E101JPId
Entries 0
simu
data

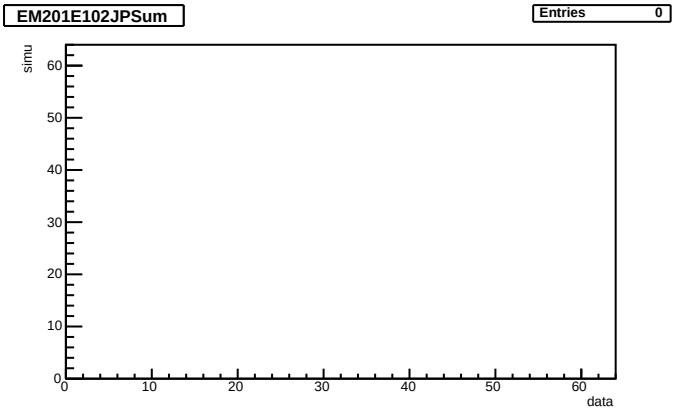

EM201E101Bits
Entries 3.249751e+07
135070
134874
143252
35296
15849
6.36443e+06
6.36463e+06
6.35625e+06
6.46421e+06
6.48365e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

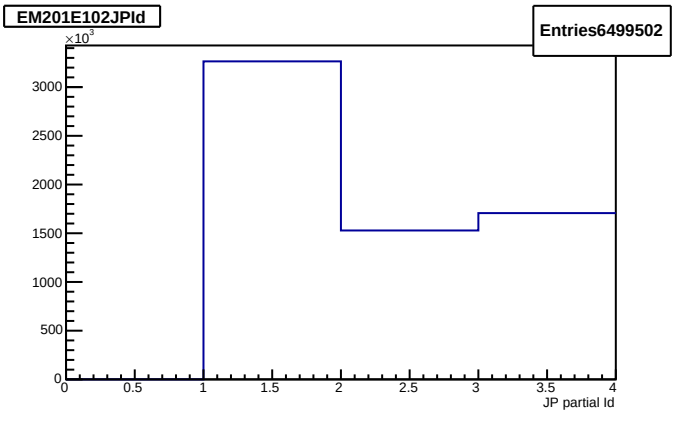

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

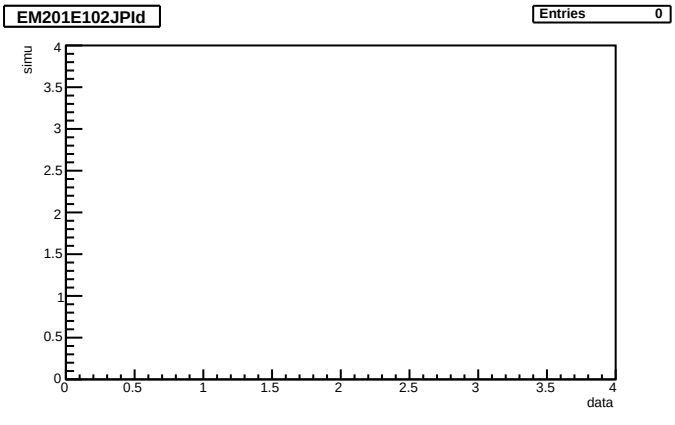

EM201E102JPThBits
Entries6499502
×10^3
JP th bits

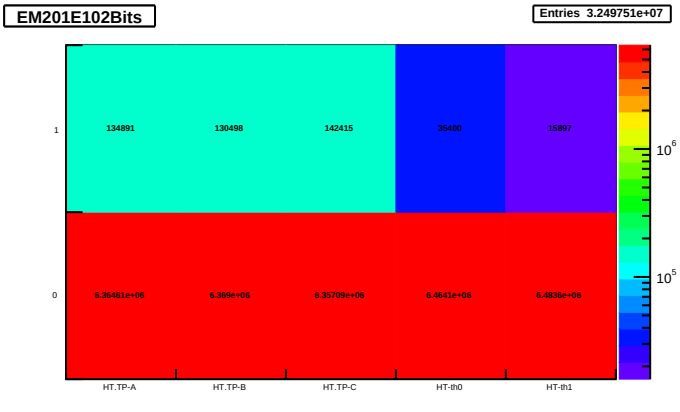

EM201E102JPThBits
Entries 0
simu
data

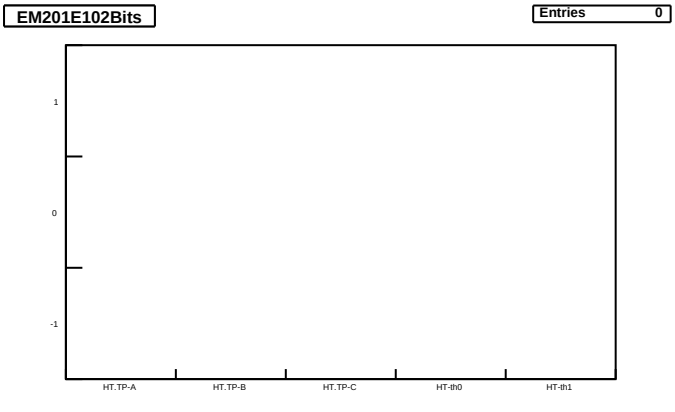

EM201E102JPSum
Entries6499502
×10^3
JP partial sum

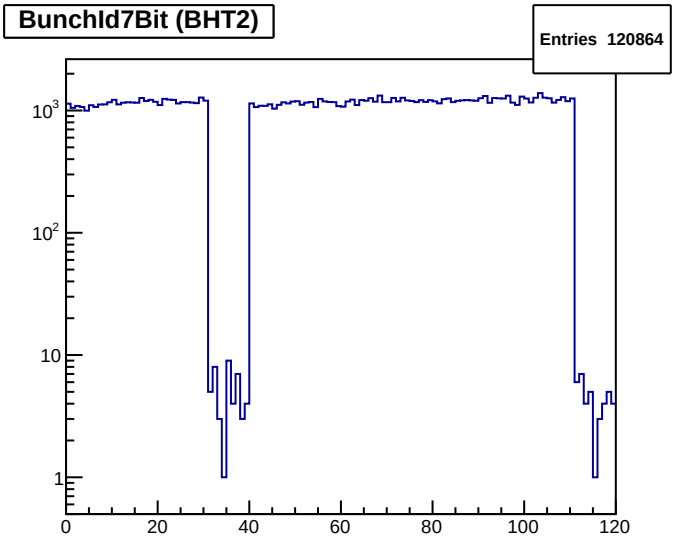

EM201E102JPSum
Entries 0
simu
data

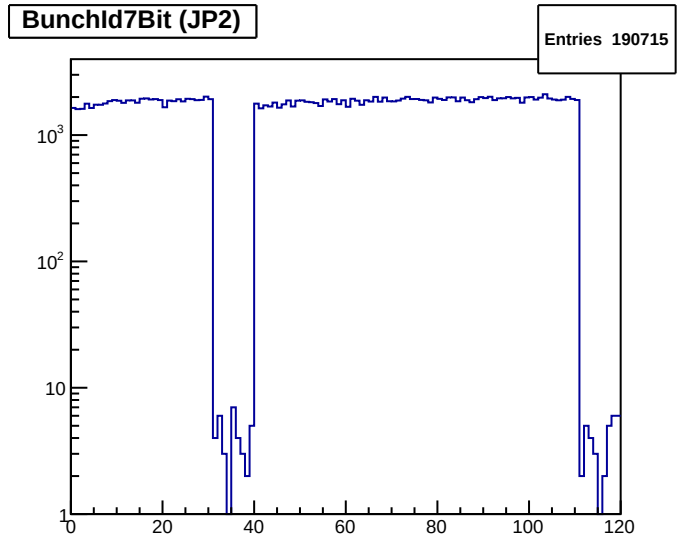

EM201E102JPId
Entries6499502
×10^3
JP partial Id

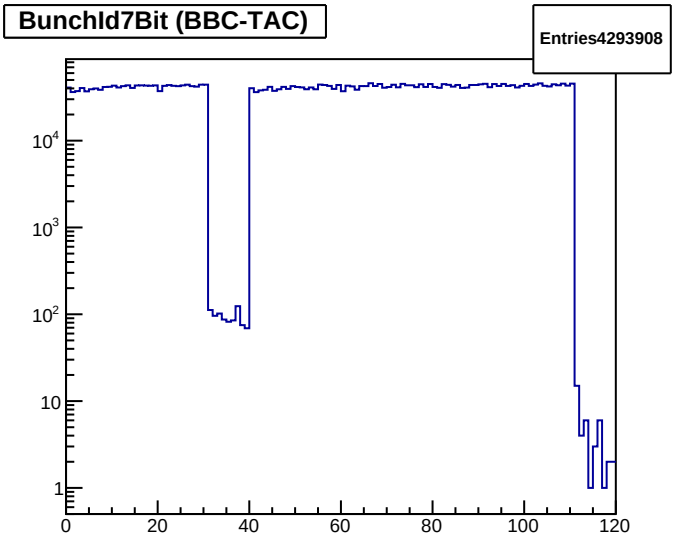

EM201E102JPId
Entries 0
simu
data

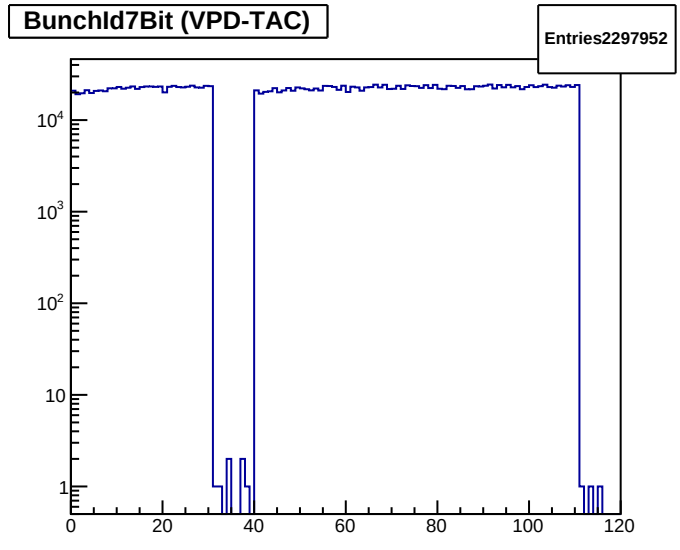

EM201E102Bits
Entries 3.249751e+07
134891
130498
142415
35400
15897
6.36461e+06
6.369e+06
6.35709e+06
6.4641e+06
6.4836e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

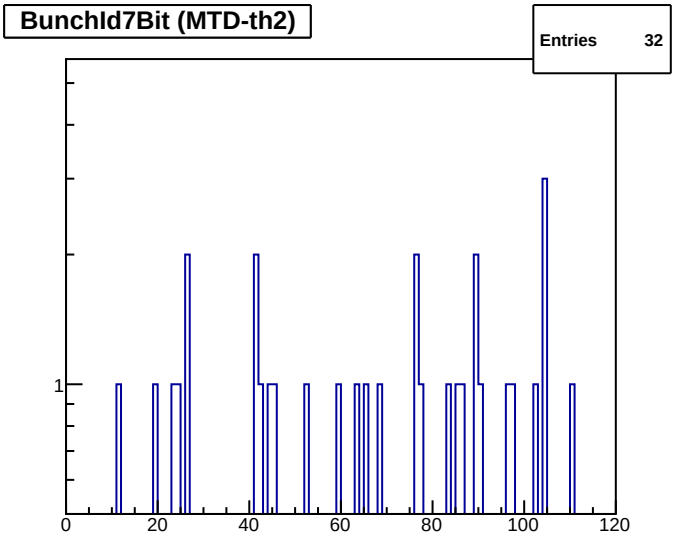

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

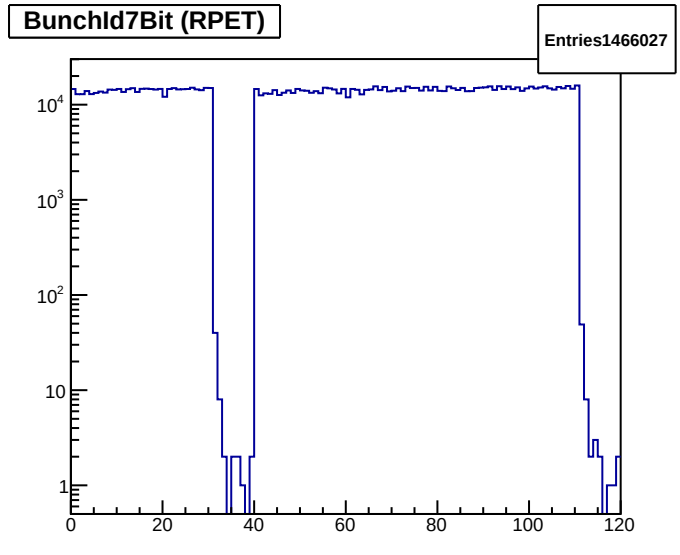

BunchId7Bit (BHT2)
Entries 120864

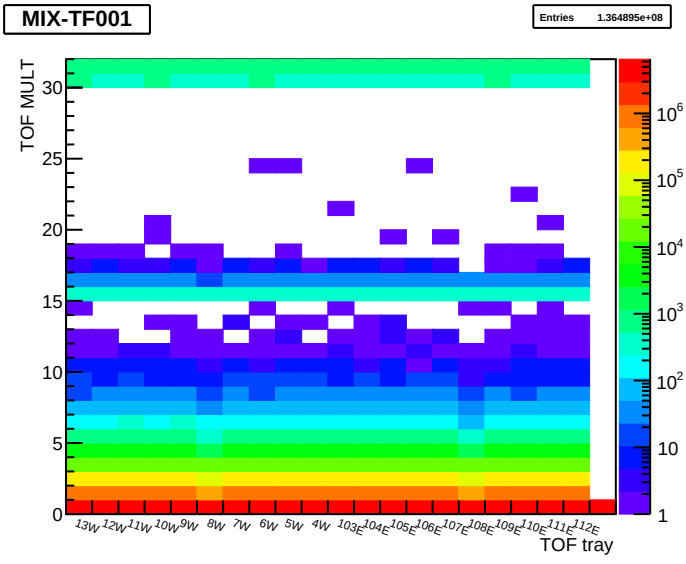

BunchId7Bit (JP2)
Entries 190715

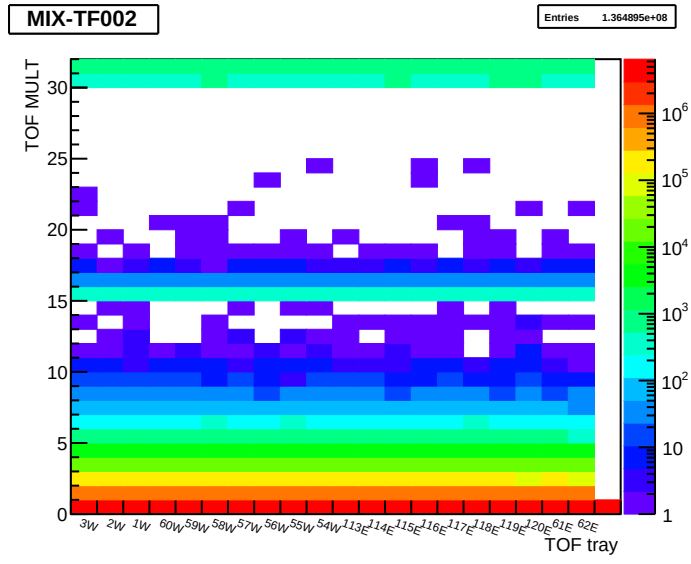

BunchId7Bit (BBC-TAC)
Entries4293908

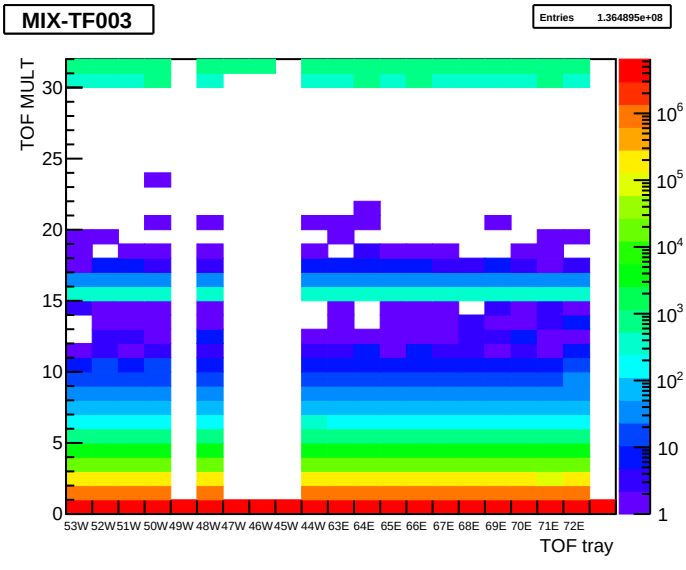

BunchId7Bit (VPD-TAC)
Entries2297952

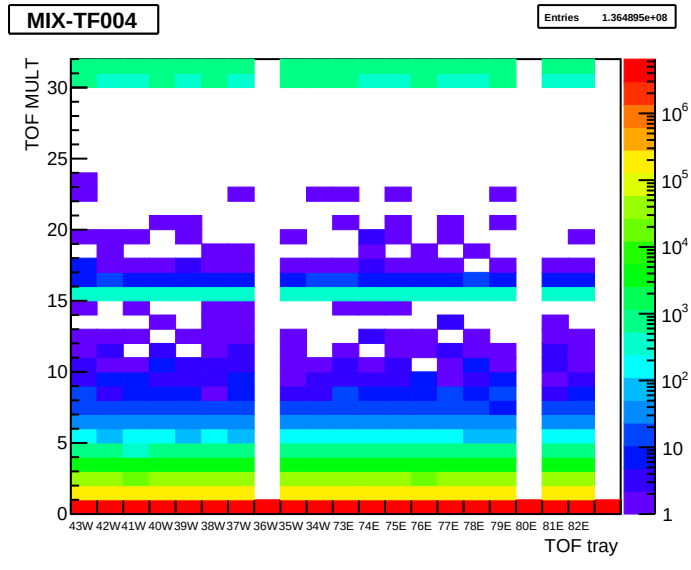

BunchId7Bit (MTD-th2)
Entries 32

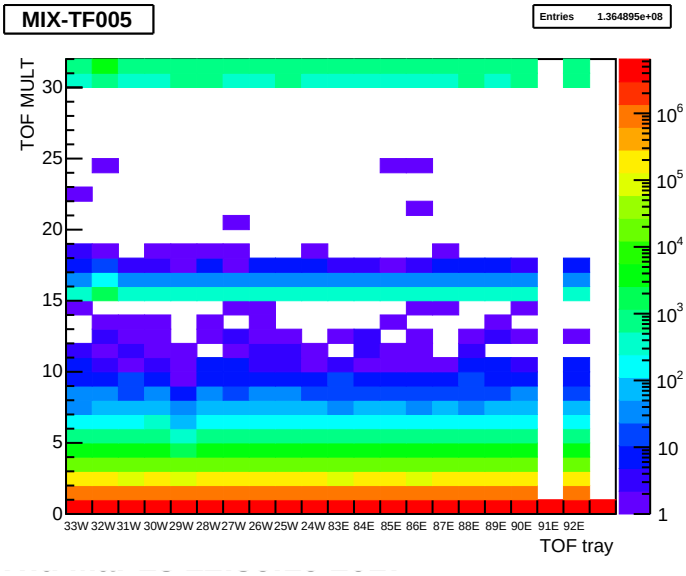

BunchId7Bit (RPET)
Entries1466027

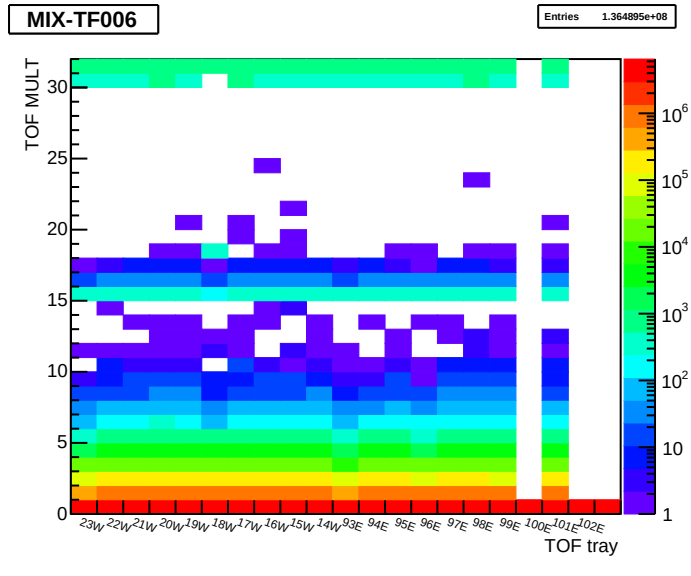

MIX-TF001
Entries 1.364895e+08
TOF MULT
TOF tray

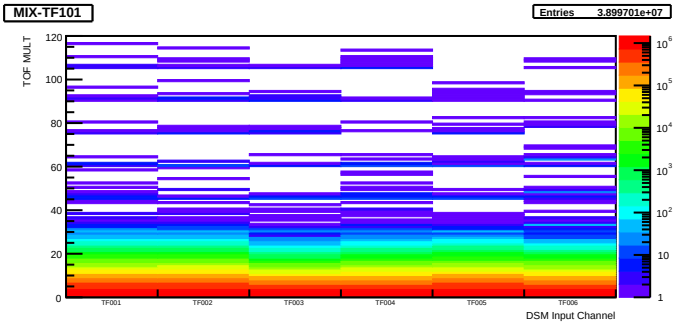

MIX-TF002
Entries 1.364895e+08
TOF MULT
TOF tray

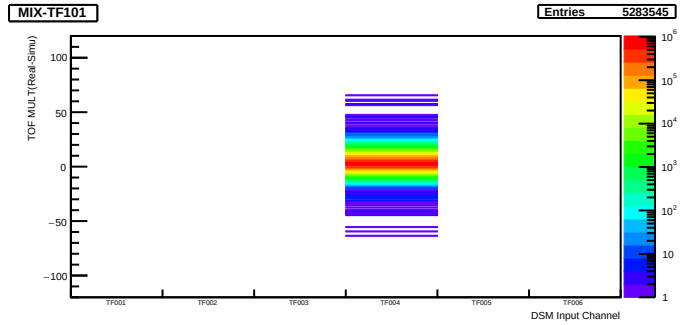

MIX-TF003
Entries 1.364895e+08
TOF MULT
TOF tray

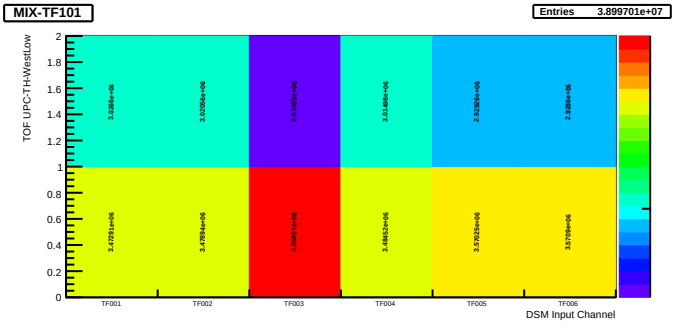

MIX-TF004
Entries 1.364895e+08
TOF MULT
TOF tray

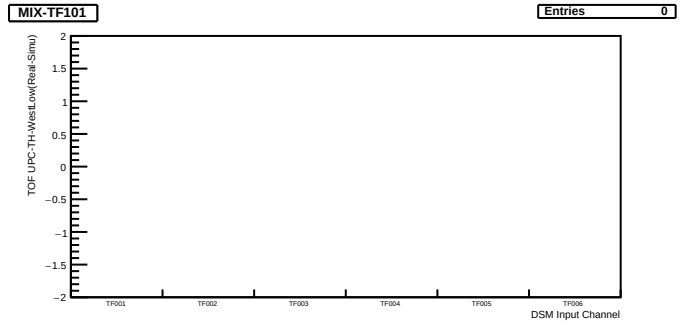

MIX-TF005
Entries 1.364895e+08
TOF MULT
TOF tray

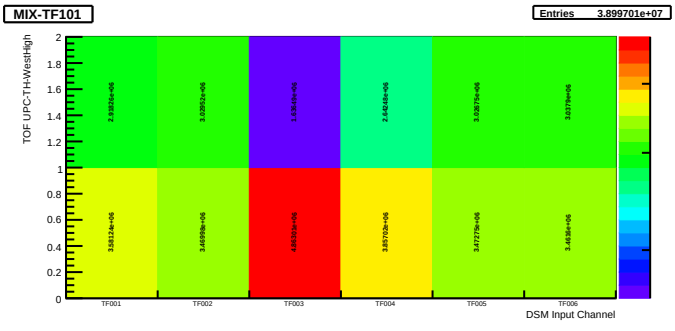

MIX-TF006
Entries 1.364895e+08
TOF MULT
TOF tray

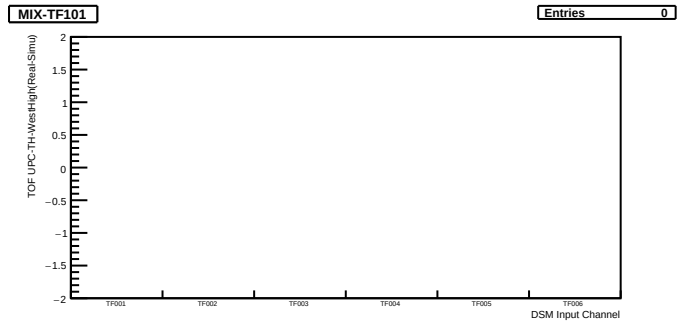

MIX-TF101
Entries 3.899701e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

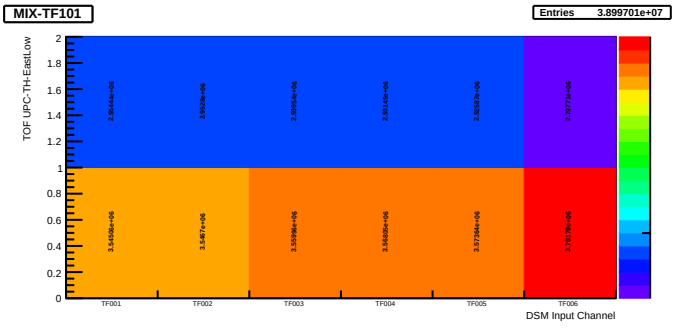

MIX-TF101
Entries 5283545
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

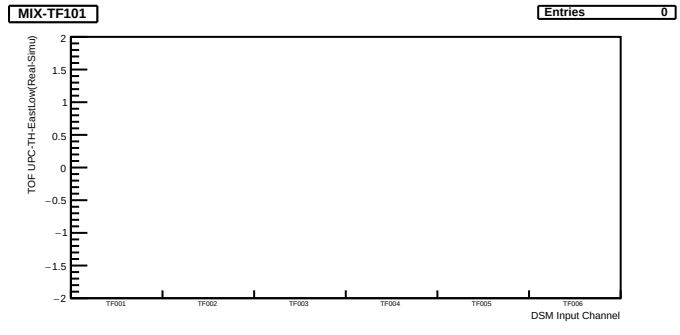

MIX-TF101
Entries 3.899701e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

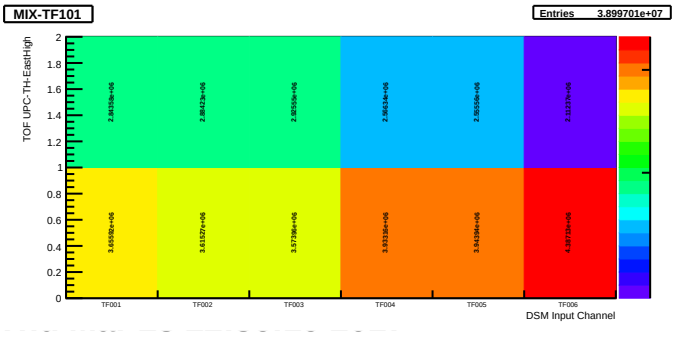

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

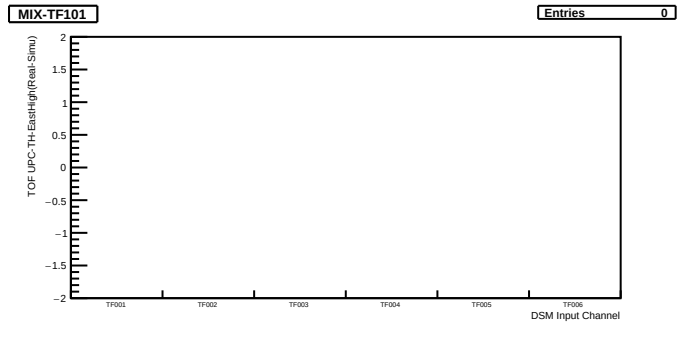

MIX-TF101
Entries 3.899701e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

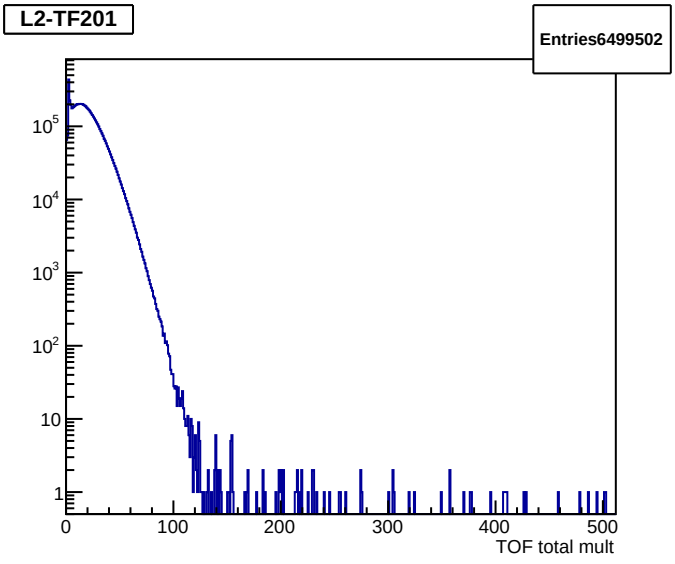

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

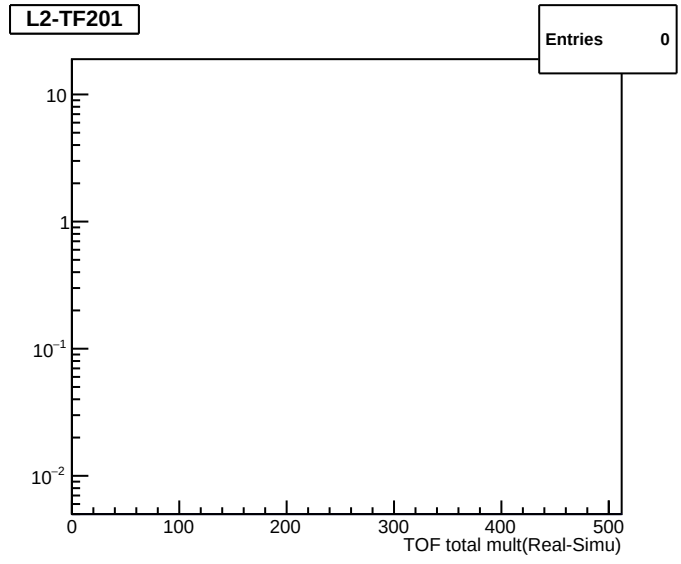

MIX-TF101
Entries 3.899701e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

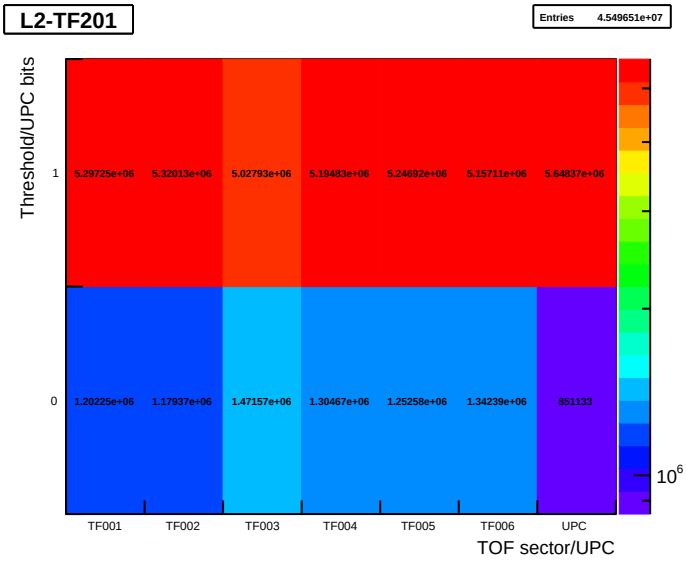

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

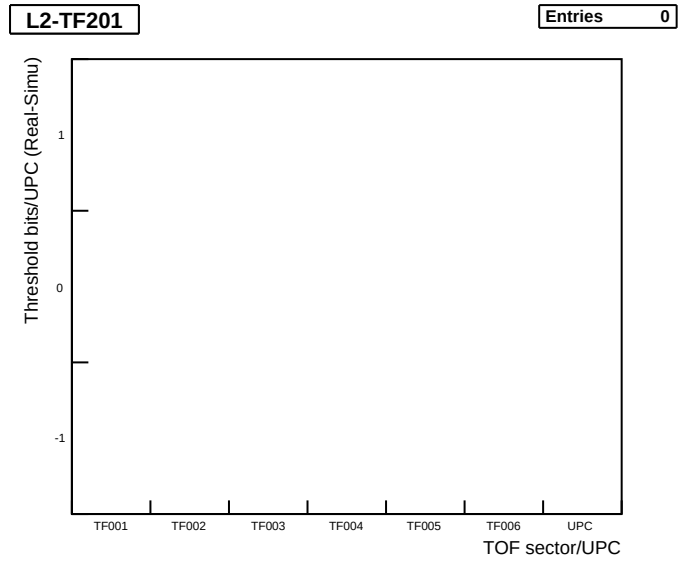

MIX-TF101
Entries 3.899701e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

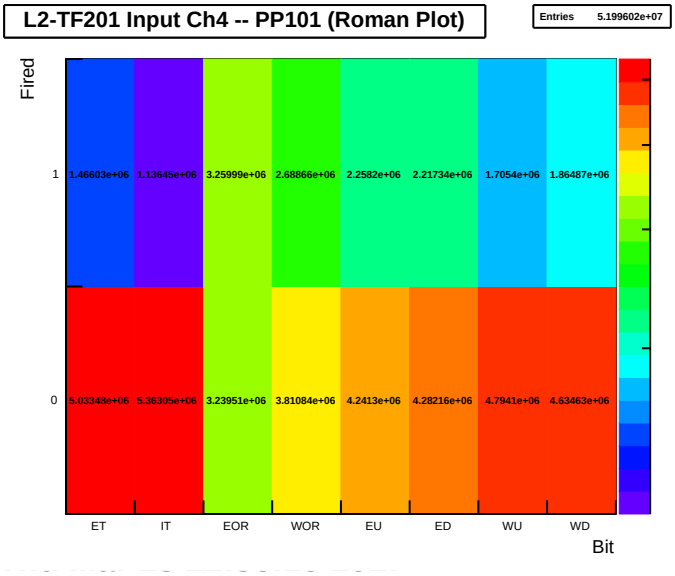

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

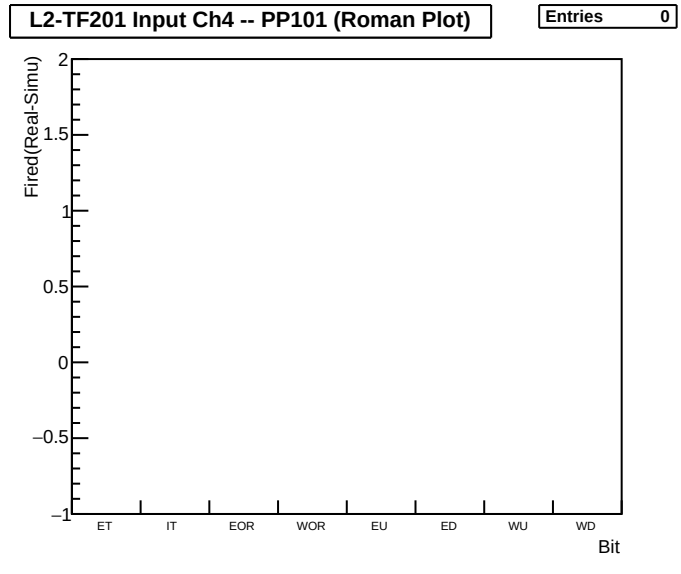

L2-TF201
Entries6499502
TOF total mult

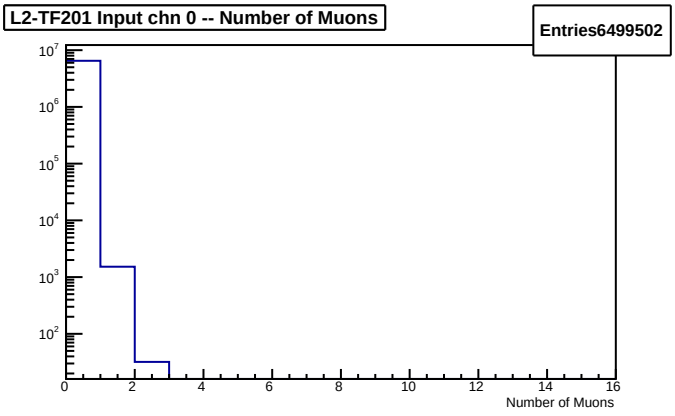

L2-TF201
Entries 0
TOF total mult(Real-Simu)

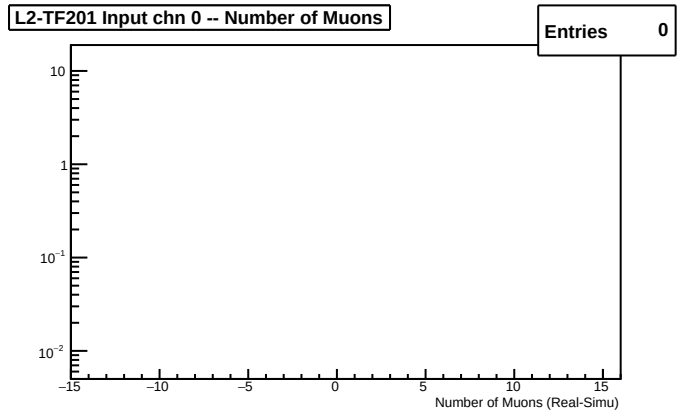

L2-TF201
Entries 4.549651e+07
Threshold/UPC bits
5.29725e+06
5.32013e+06
5.02793e+06
5.19483e+06
5.24692e+06
5.15711e+06
5.64837e+06
1.20225e+06
1.17937e+06
1.47157e+06
1.30467e+06
1.25258e+06
1.34239e+06
851133
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

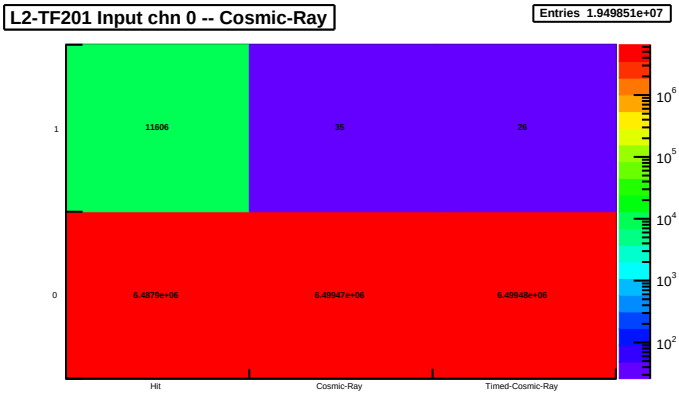

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

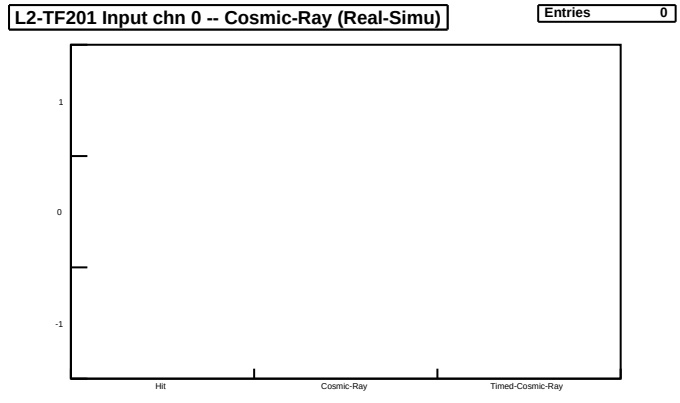

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.199602e+07
Fired
1.46603e+06
1.13645e+06
3.25999e+06
2.68866e+06
2.2582e+06
2.21734e+06
1.7054e+06
1.86487e+06
5.03348e+06
5.36305e+06
3.23951e+06
3.81084e+06
4.2413e+06
4.28216e+06
4.7941e+06
4.63463e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

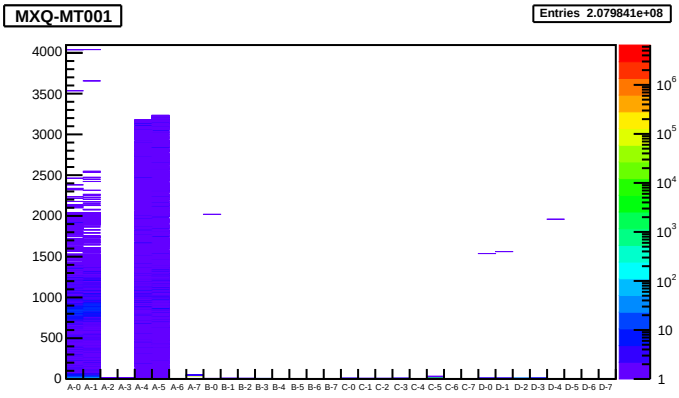

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

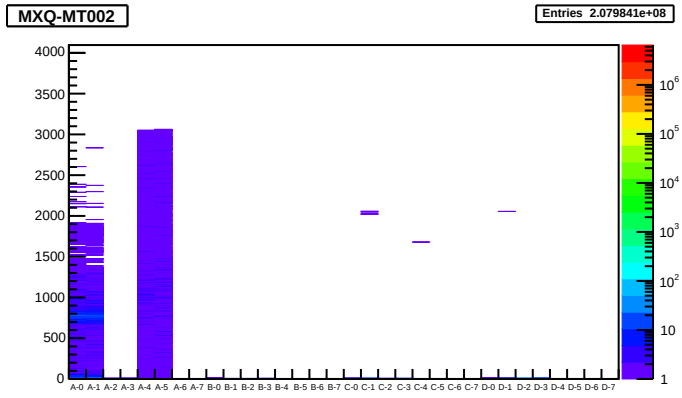

L2-TF201 Input chn 0 -- Number of Muons
Entries6499502
Number of Muons

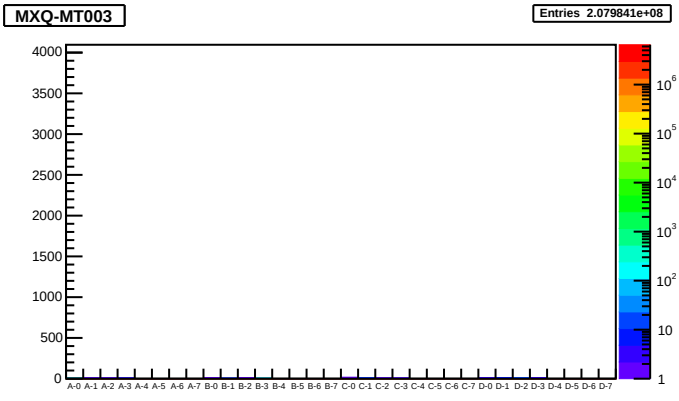

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

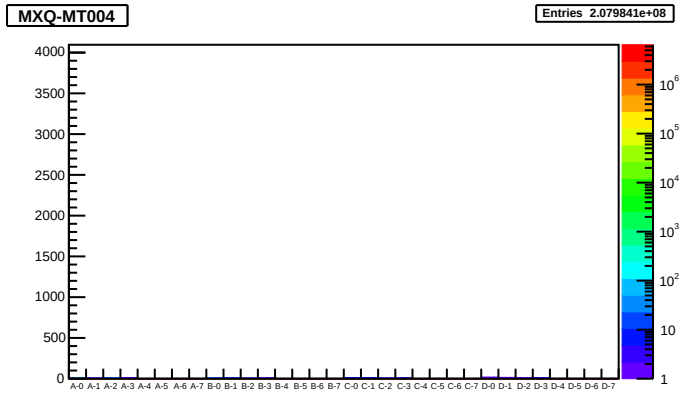

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.949851e+07
11606
35
26
6.4879e+06
6.49947e+06
6.49948e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

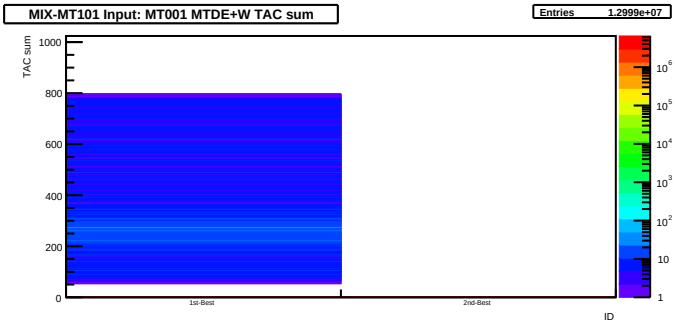

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

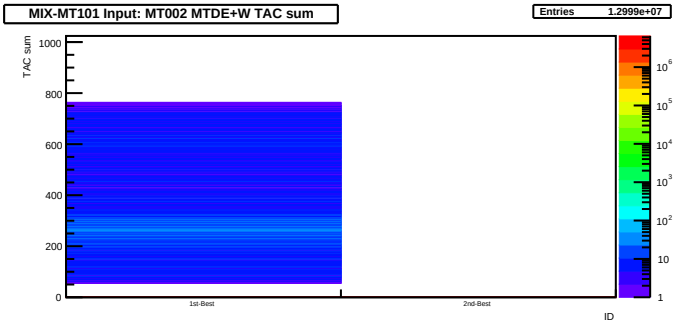

MXQ-MT001
Entries 2.079841e+08

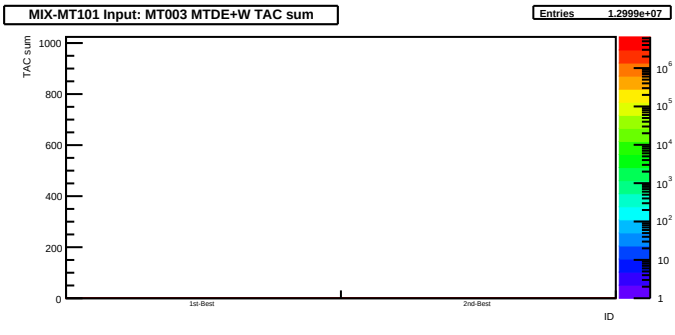

MXQ-MT002
Entries 2.079841e+08

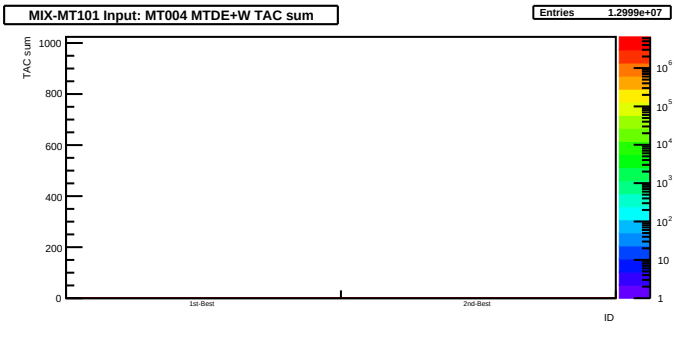

MXQ-MT003
Entries 2.079841e+08

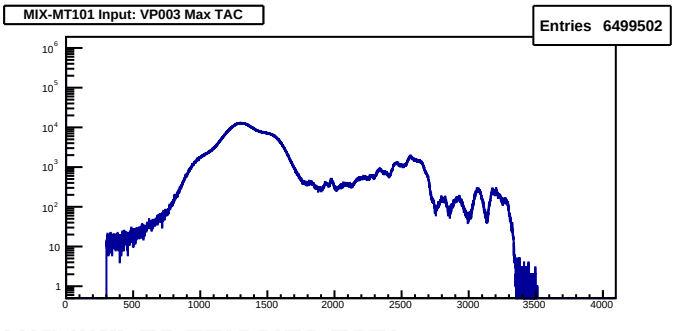

MXQ-MT004
Entries 2.079841e+08

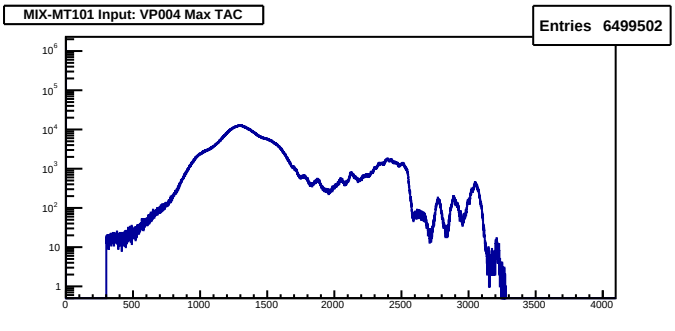

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.2999e+07
TAC sum
1st-Best
2nd-Best
ID

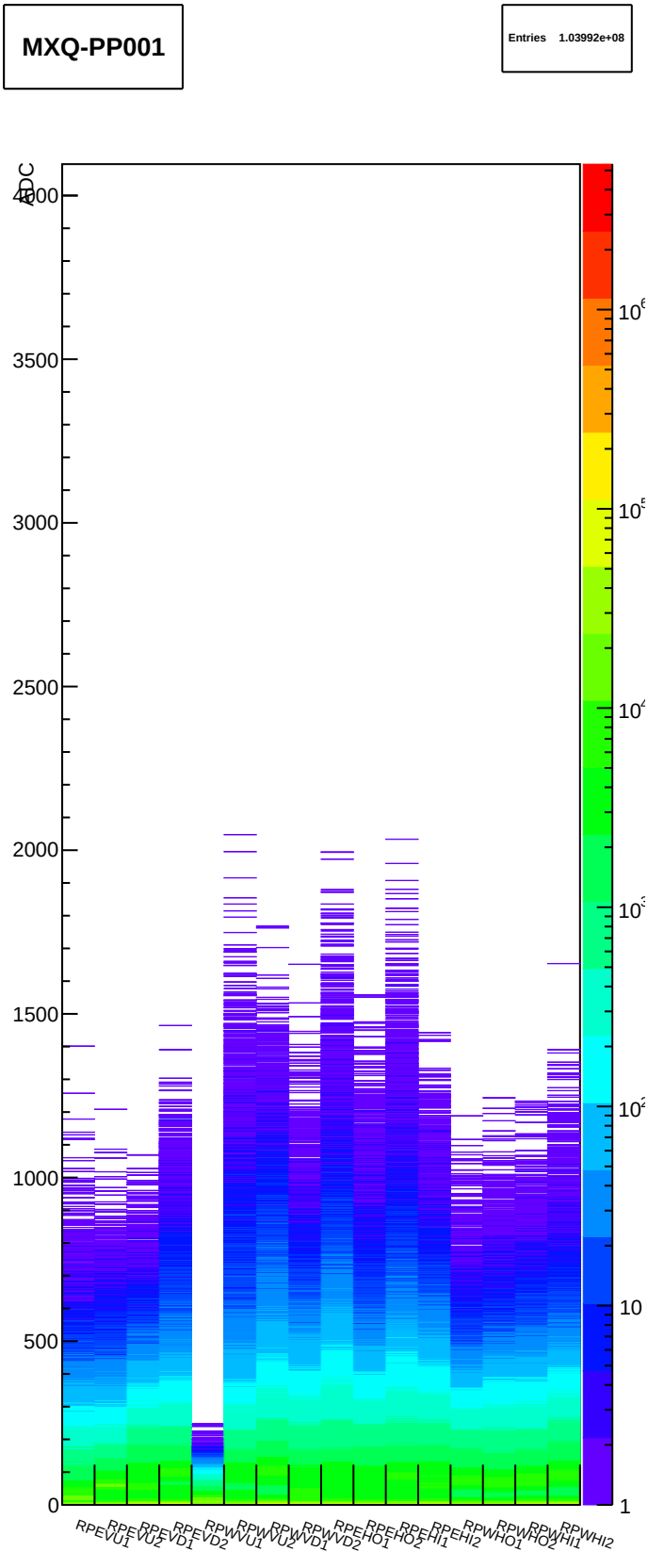

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.2999e+07
TAC sum
1st-Best
2nd-Best
ID

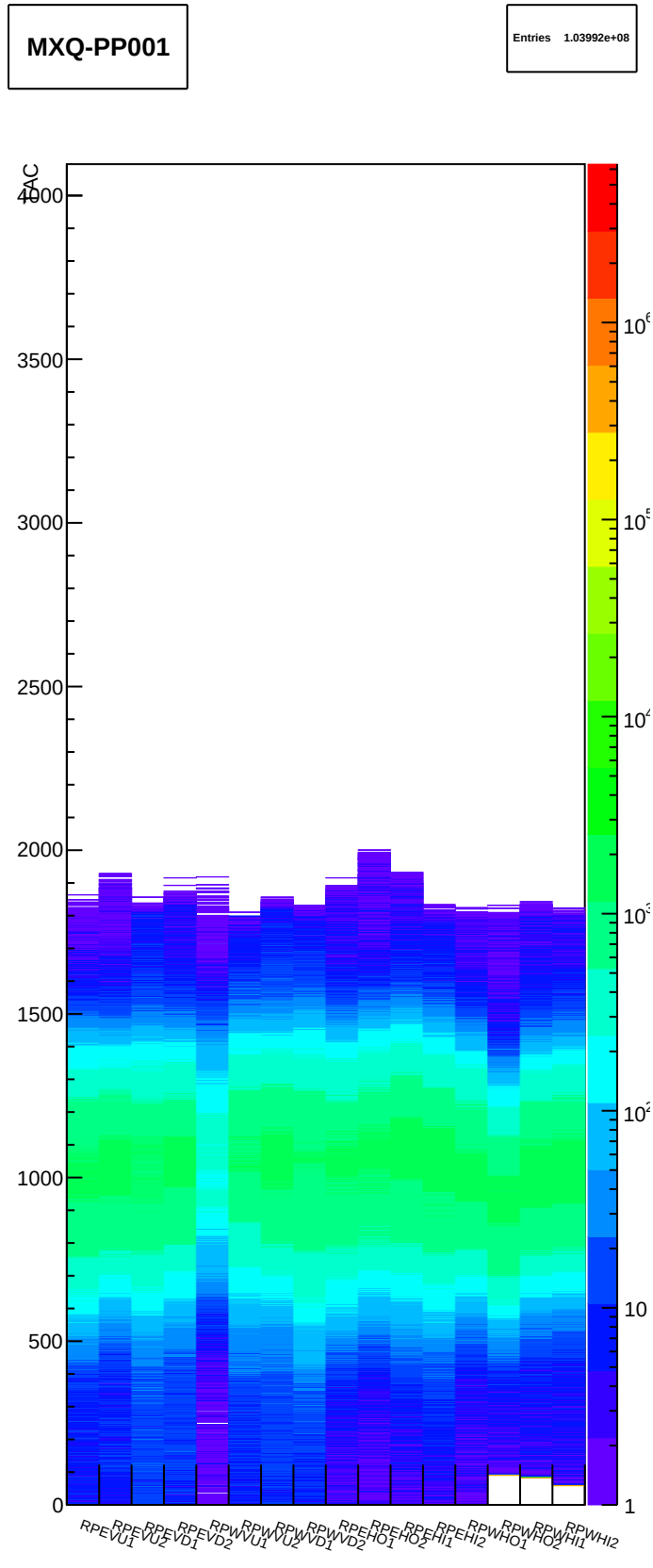

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.2999e+07
TAC sum
1st-Best
2nd-Best
ID

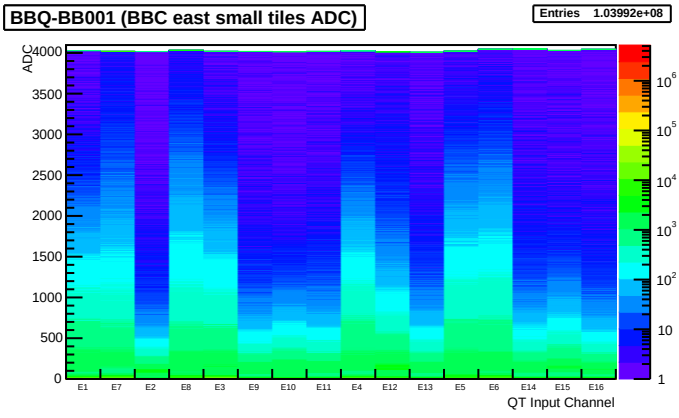

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.2999e+07
TAC sum
1st-Best
2nd-Best
ID

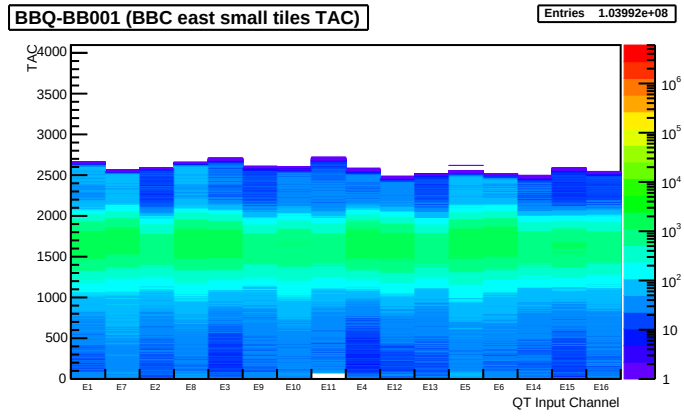

MIX-MT101 Input: VP003 Max TAC
Entries 6499502

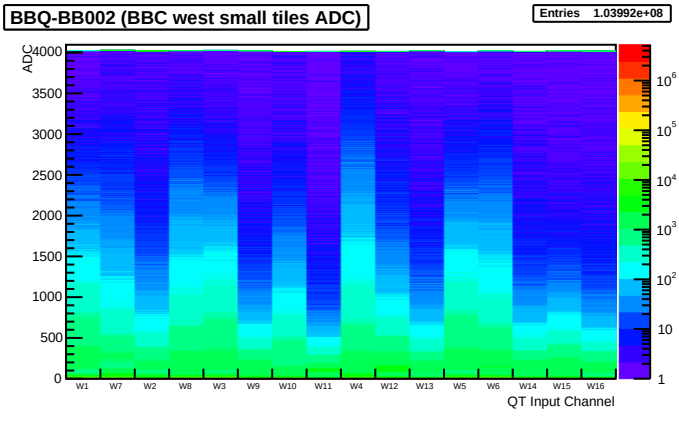

MIX-MT101 Input: VP004 Max TAC
Entries 6499502

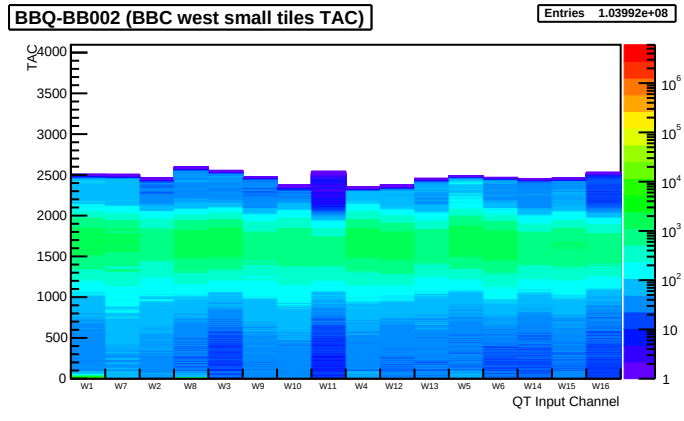

MXQ-PP001
Entries 1.03992e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

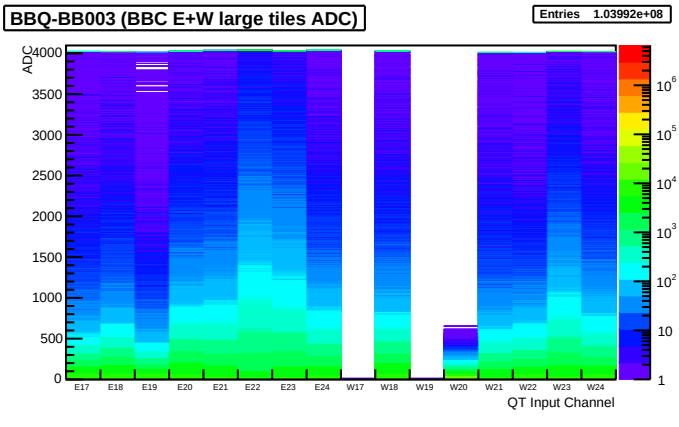

MXQ-PP001
Entries 1.03992e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

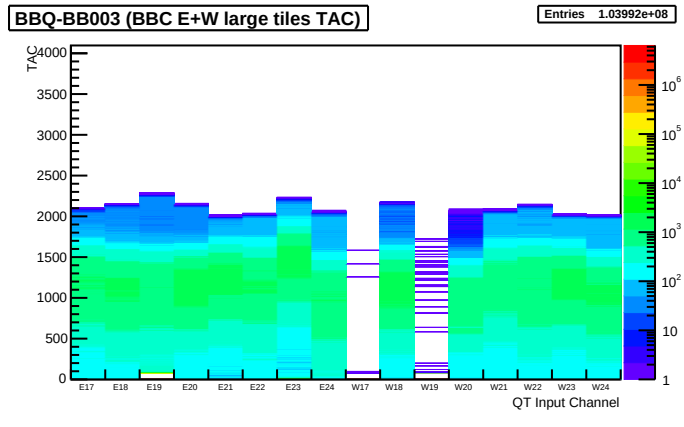

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.03992e+08
ADC
QT Input Channel

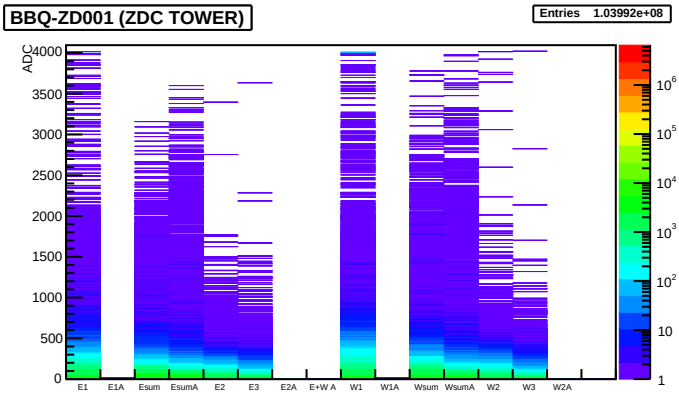

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.03992e+08
TAC
QT Input Channel

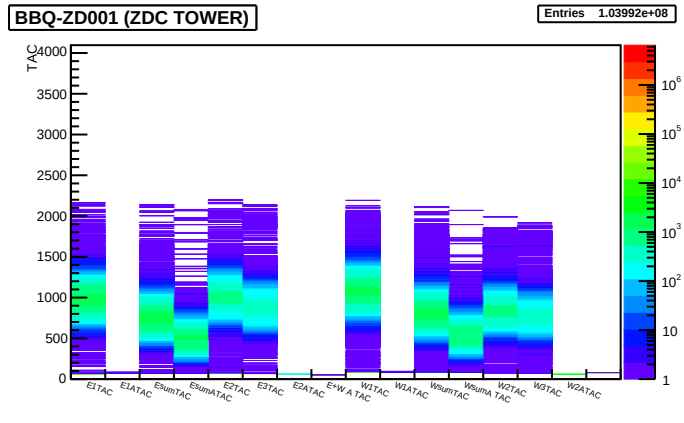

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.03992e+08
ADC
QT Input Channel

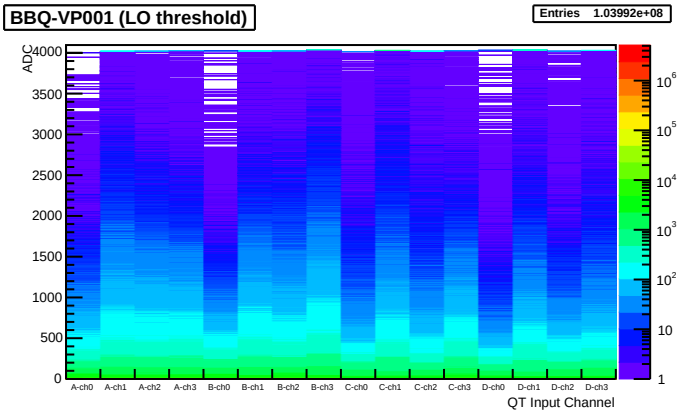

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.03992e+08
TAC
QT Input Channel

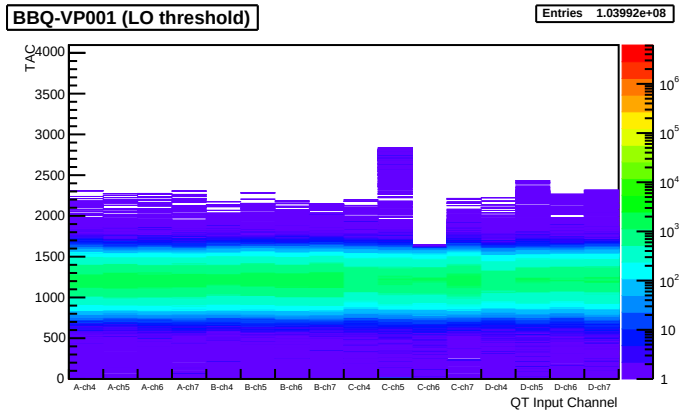

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.03992e+08
ADC
QT Input Channel

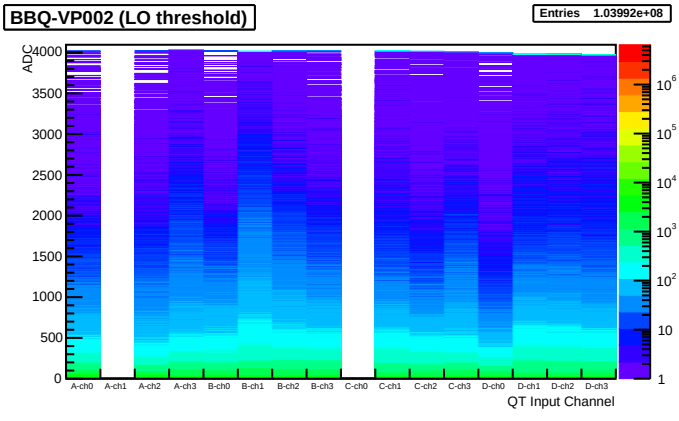

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.03992e+08
TAC
QT Input Channel

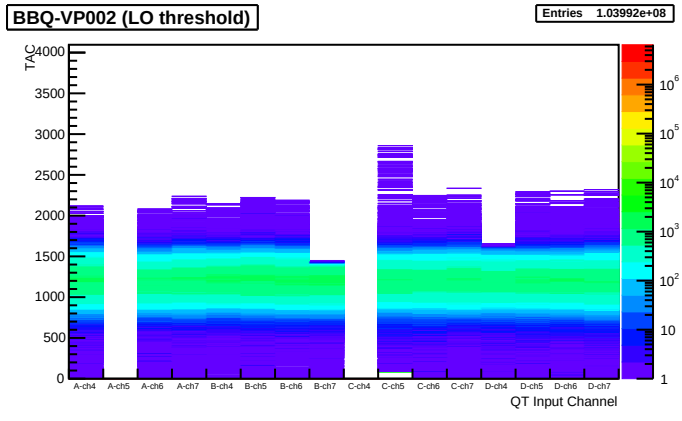

BBQ-ZD001 (ZDC TOWER)
Entries 1.03992e+08
ADC

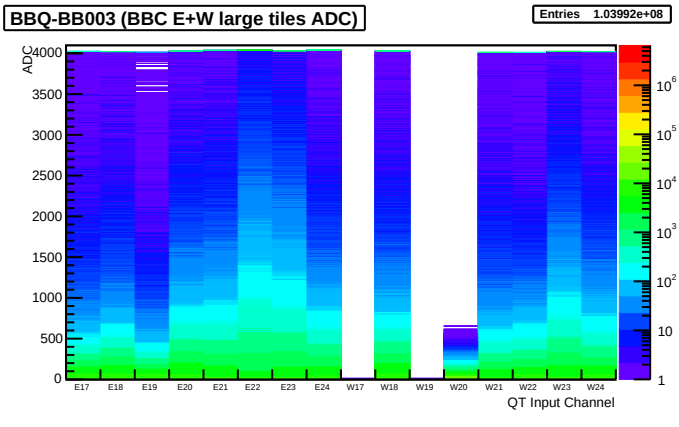

BBQ-ZD001 (ZDC TOWER)
Entries 1.03992e+08
TAC

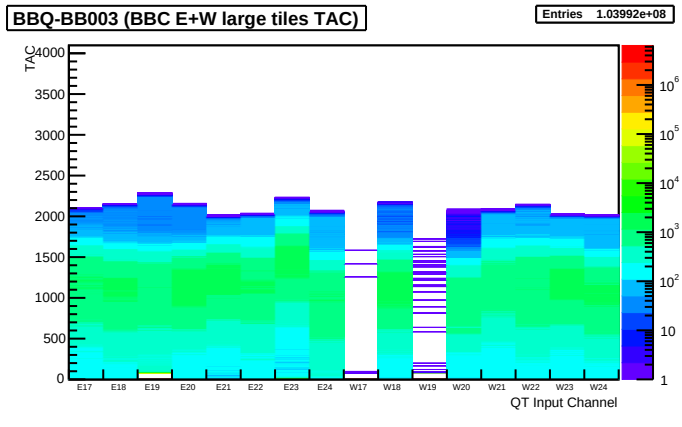

BBQ-VP001 (LO threshold)
Entries 1.03992e+08
ADC
QT Input Channel

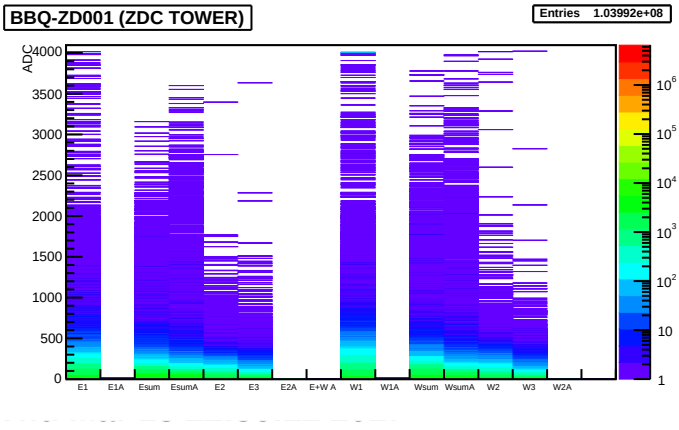

BBQ-VP001 (LO threshold)
Entries 1.03992e+08
TAC
QT Input Channel

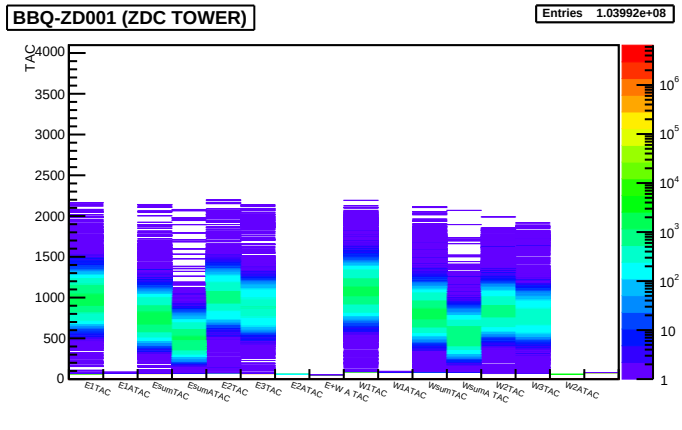

BBQ-VP002 (LO threshold)
Entries 1.03992e+08
ADC
QT Input Channel

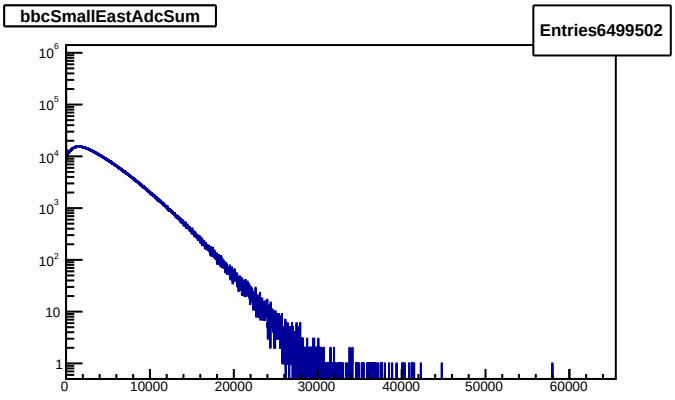

BBQ-VP002 (LO threshold)
Entries 1.03992e+08
TAC
QT Input Channel

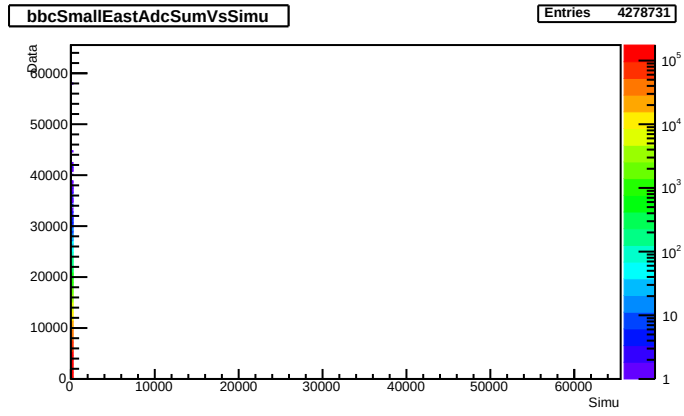

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.03992e+08
ADC
QT Input Channel

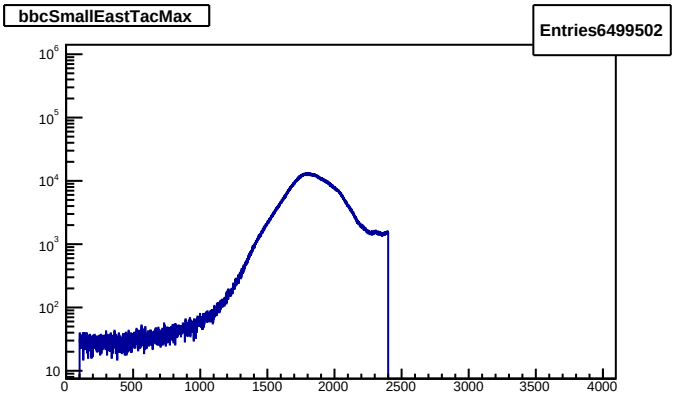

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.03992e+08
TAC
QT Input Channel

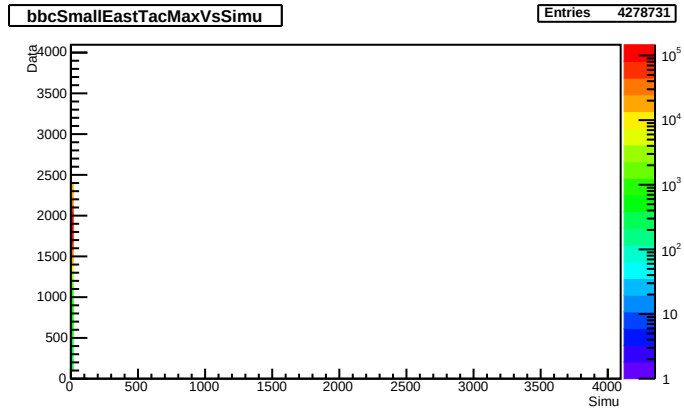

BBQ-ZD001 (ZDC TOWER)
Entries 1.03992e+08
ADC

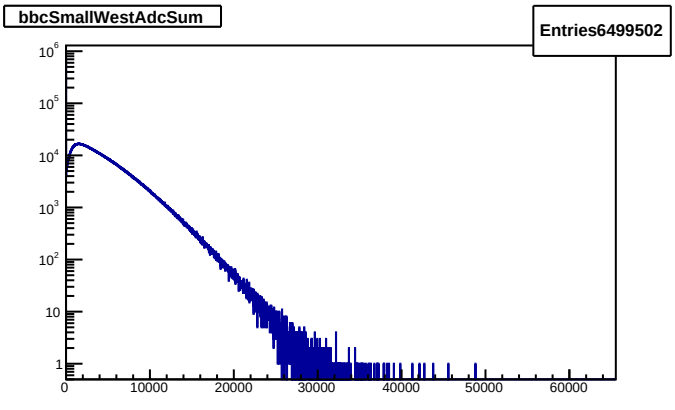

BBQ-ZD001 (ZDC TOWER)
Entries 1.03992e+08
TAC

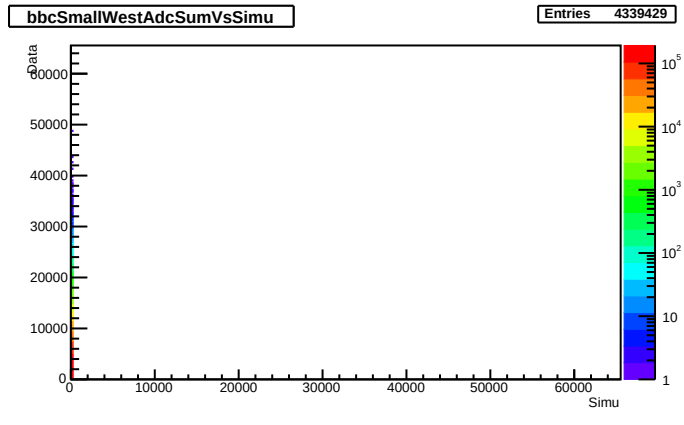

bbcSmallEastAdcSum
Entries6499502

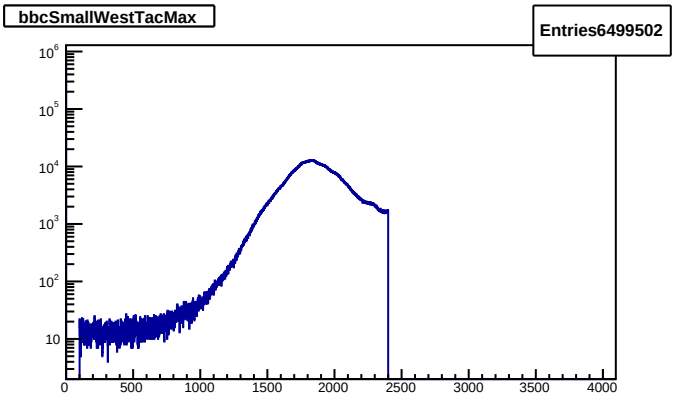

bbcSmallEastAdcSumVsSimu
Entries 4278731
Data
Simu

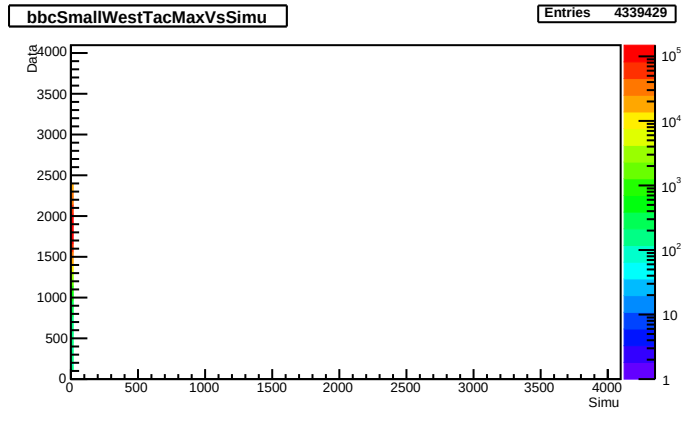

bbcSmallEastTacMax
Entries6499502

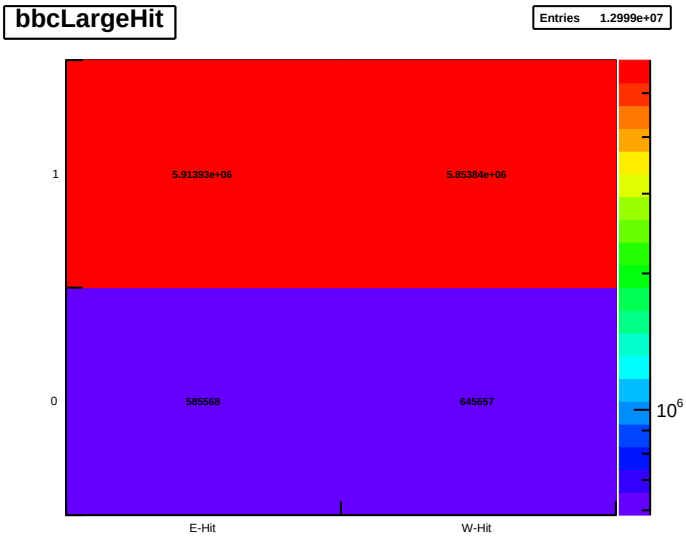

bbcSmallEastTacMaxVsSimu
Entries 4278731
Data
Simu

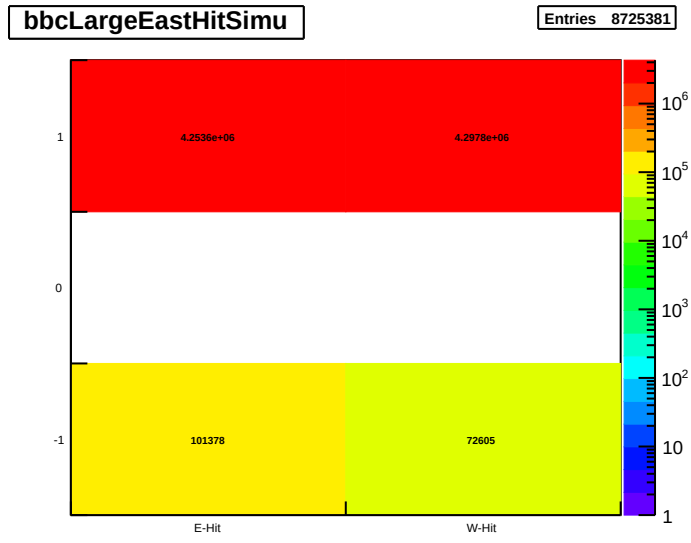

bbcSmallWestAdcSum
Entries6499502

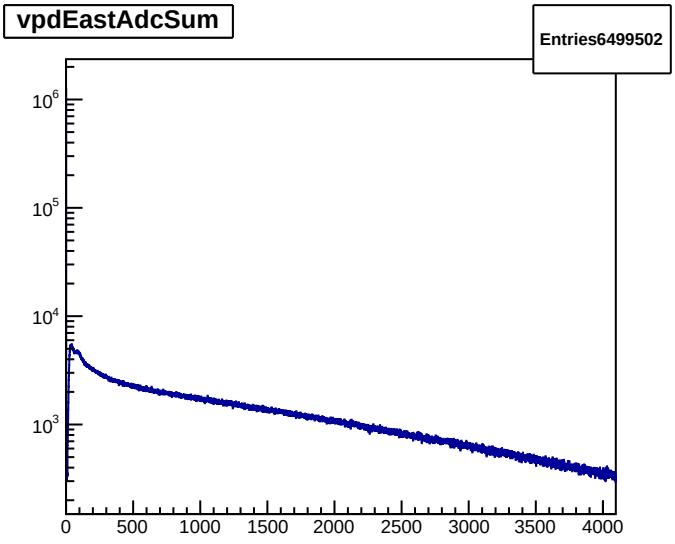

bbcSmallWestAdcSumVsSimu
Entries 4339429
Data
Simu

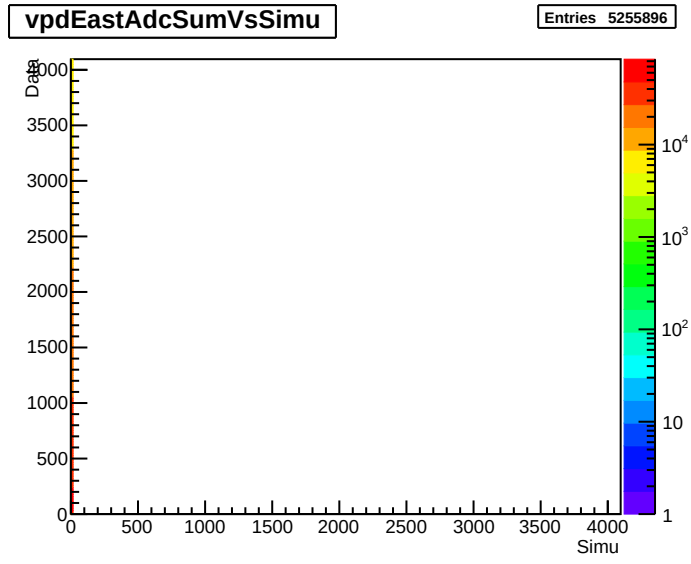

bbcSmallWestTacMax
Entries6499502

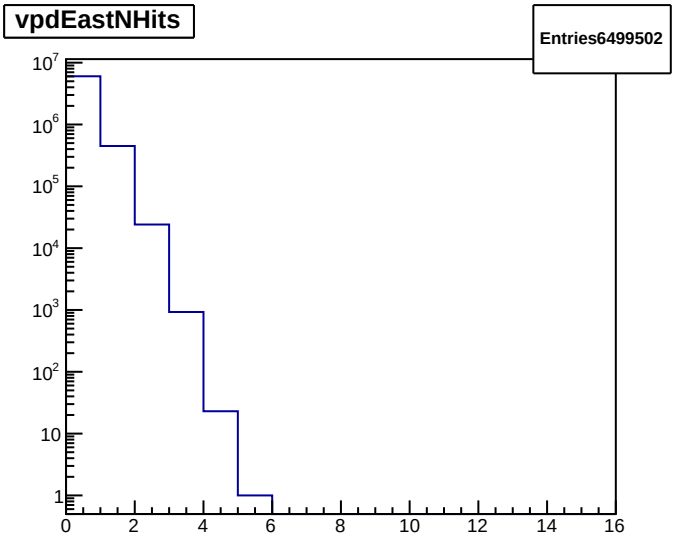

bbcSmallWestTacMaxVsSimu
Entries 4339429
Data
Simu

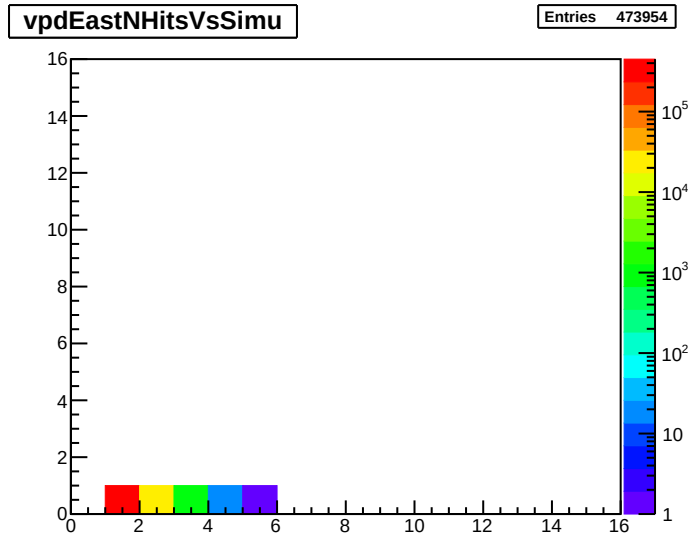

bbcLargeHit
Entries 1.2999e+07
1
0
5.91393e+06
5.85384e+06
585568
645657
E-Hit
W-Hit
10^6

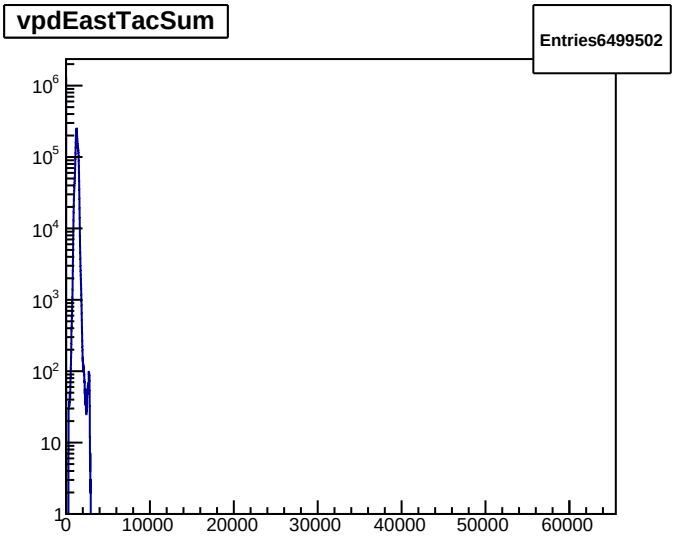

bbcLargeEastHitSimu
Entries 8725381
1
0
-1
4.2536e+06
4.2978e+06
101378
72605
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

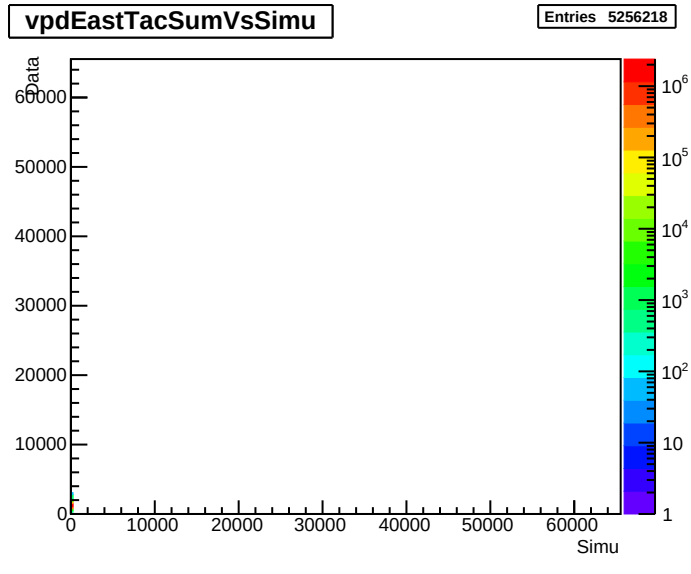

vpdEastAdcSum
Entries6499502

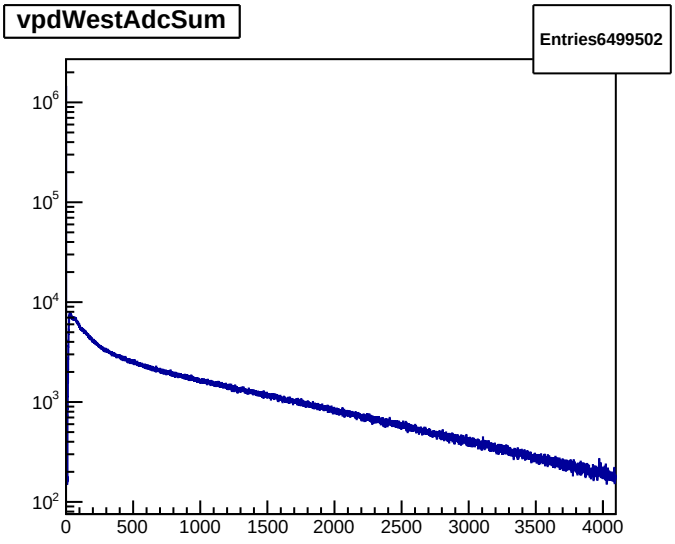

vpdEastAdcSumVsSimu
Entries 5255896
Data
Simu

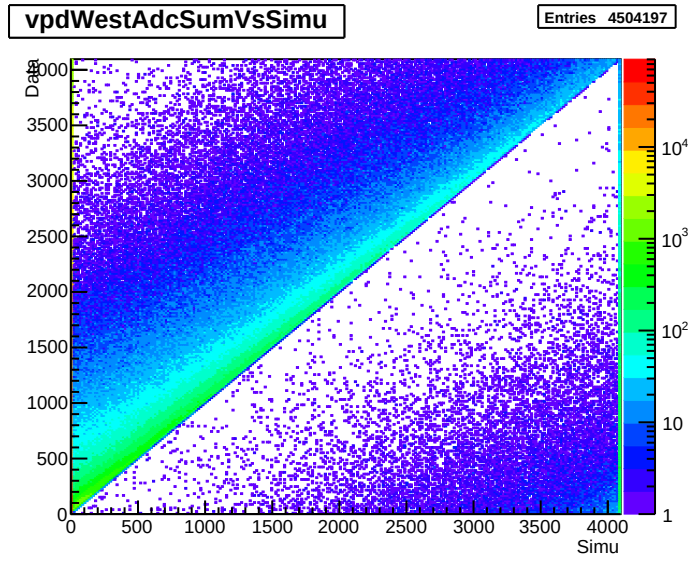

vpdEastNHits
Entries6499502

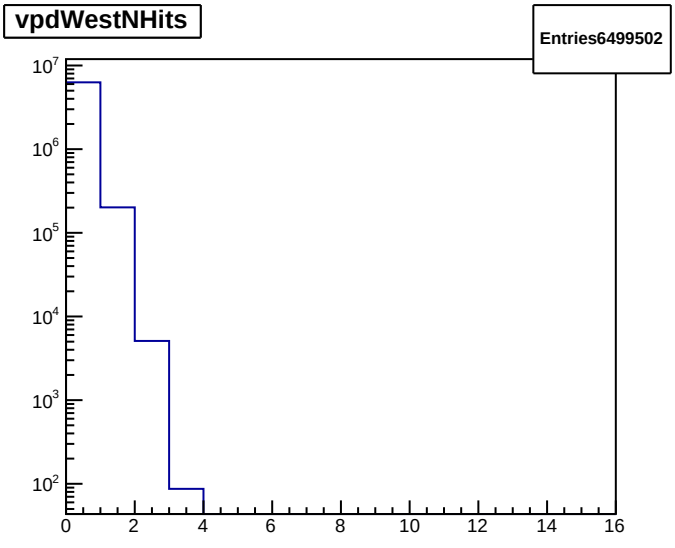

vpdEastNHitsVsSimu
Entries 473954

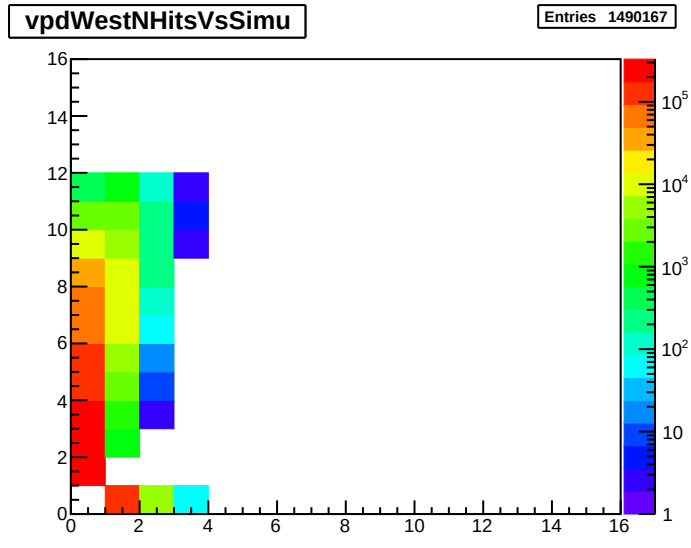

vpdEastTacSum
Entries6499502

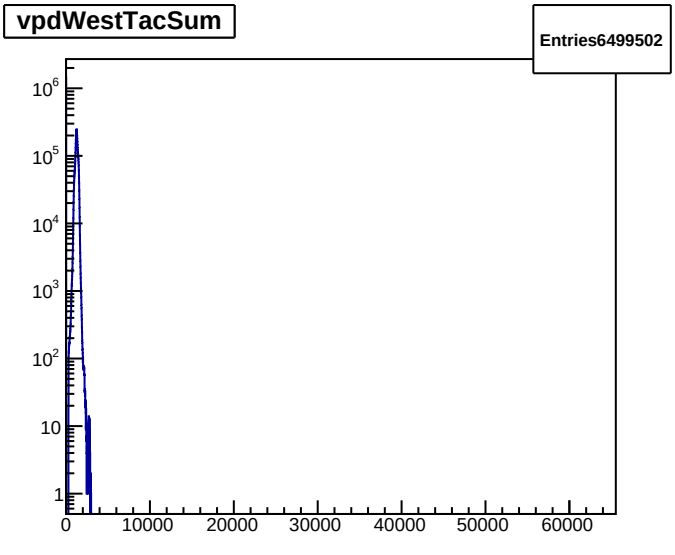

vpdEastTacSumVsSimu
Entries 5256218
Data
Simu

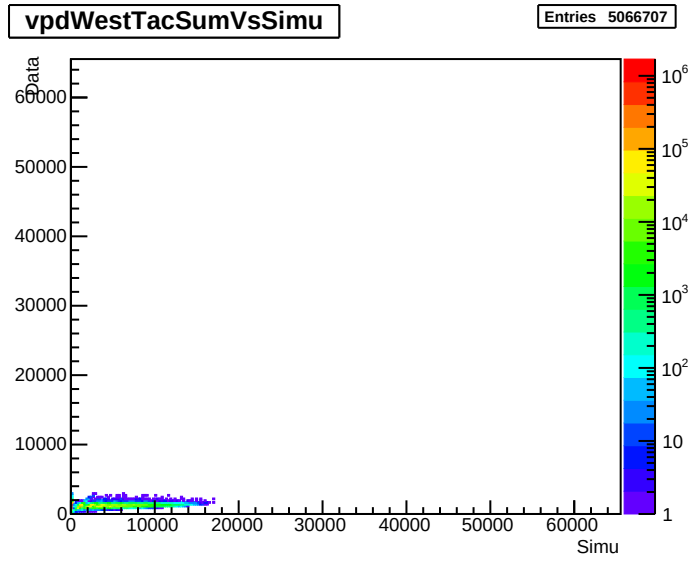

vpdWestAdcSum
Entries6499502

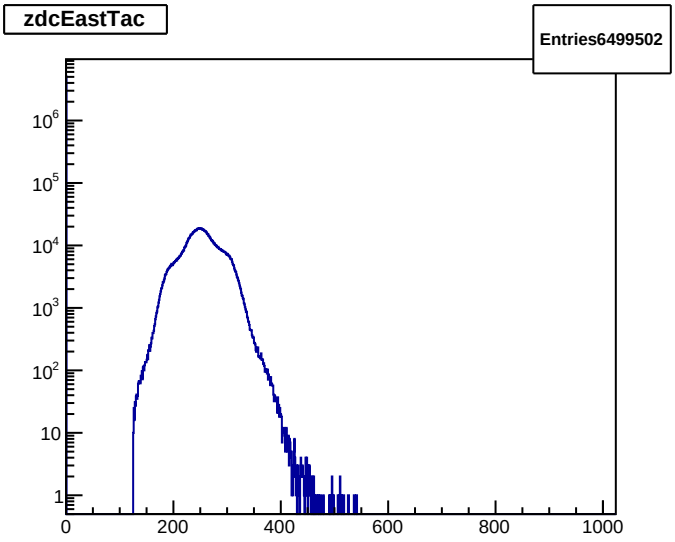

vpdWestAdcSumVsSimu
Entries 4504197
Data
Simu

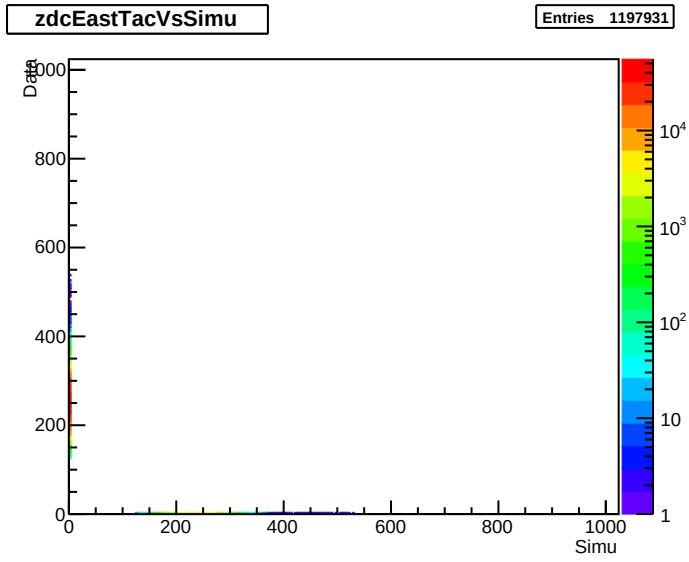

vpdWestNHits
Entries6499502

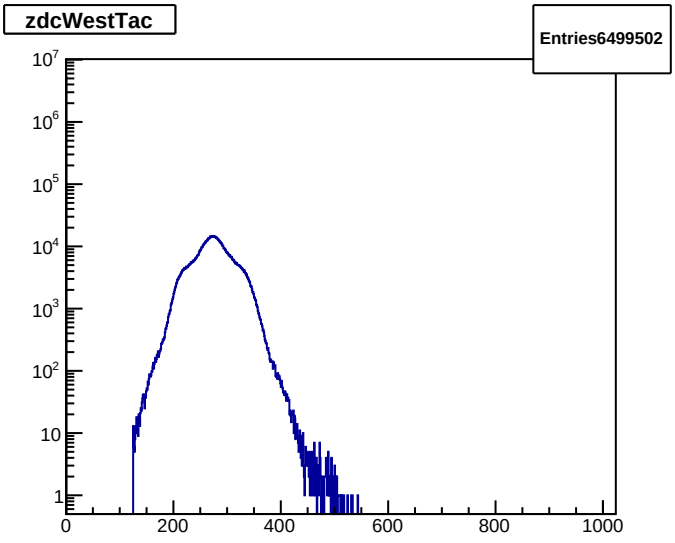

vpdWestNHitsVsSimu
Entries 1490167

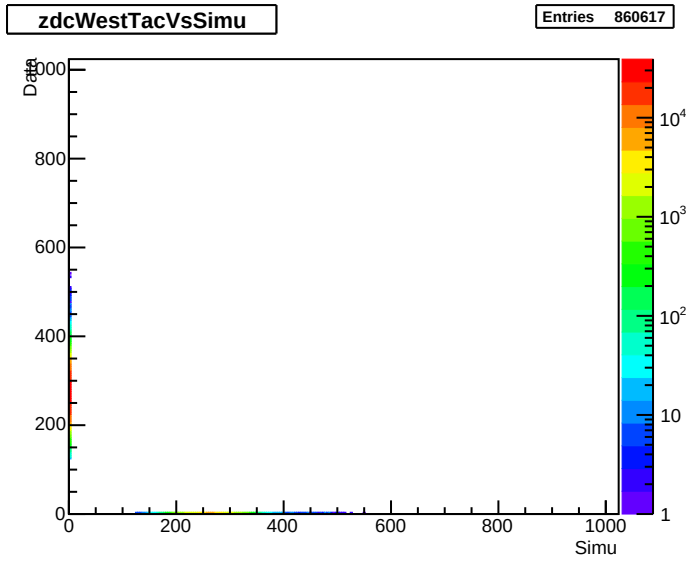

vpdWestTacSum
Entries6499502

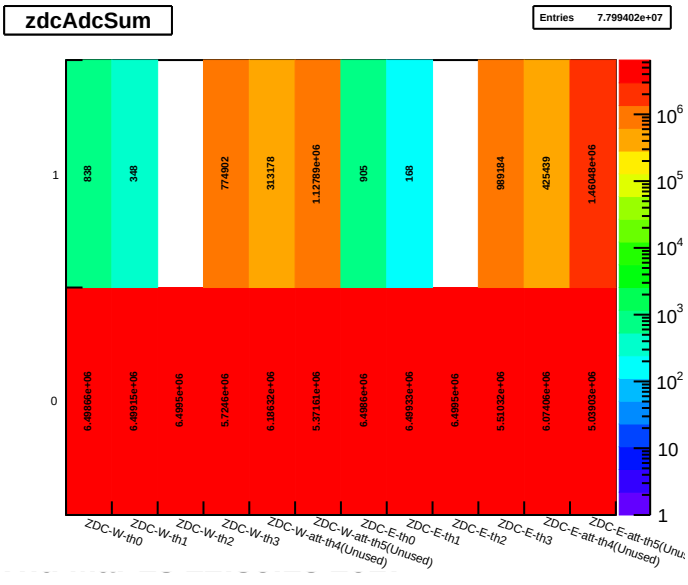

vpdWestTacSumVsSimu
Entries 5066707
Data
Simu

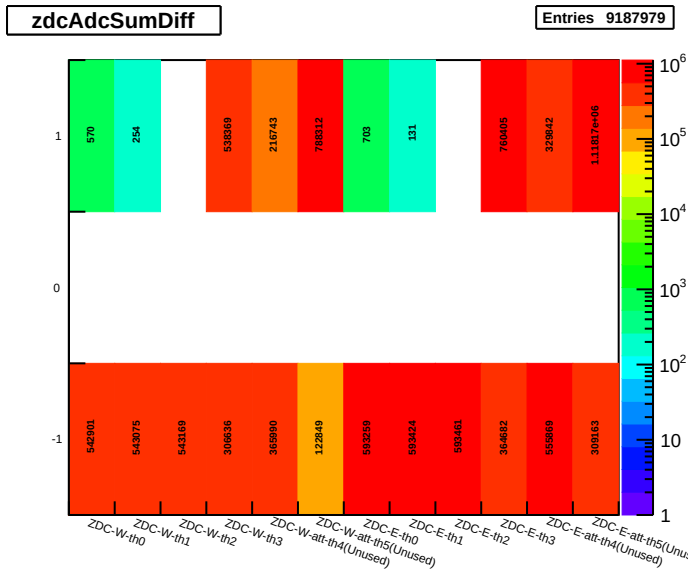

zdcEastTac
Entries6499502

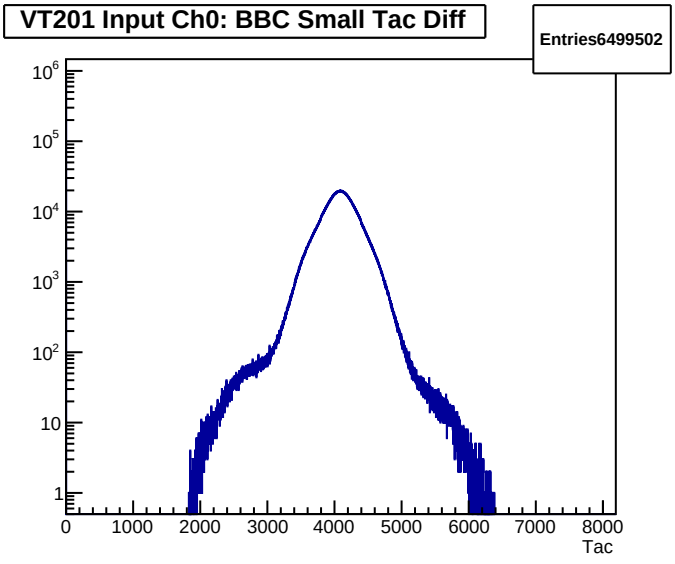

zdcEastTacVsSimu
Entries 1197931
Data
Simu

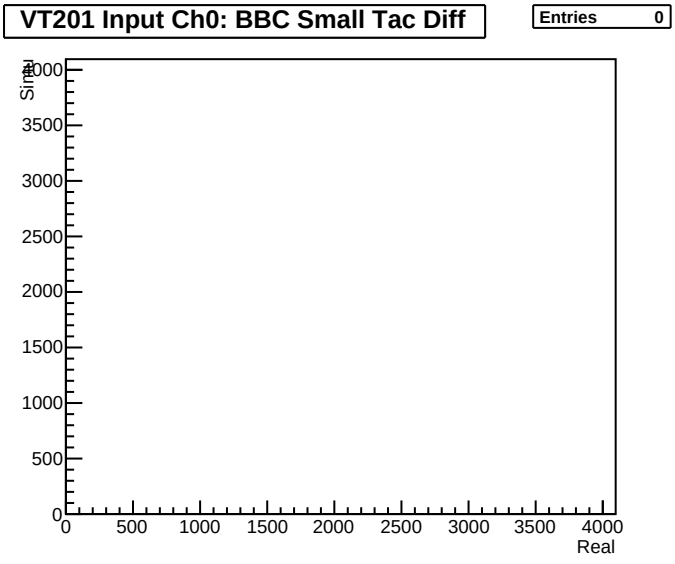

zdcWestTac
Entries6499502

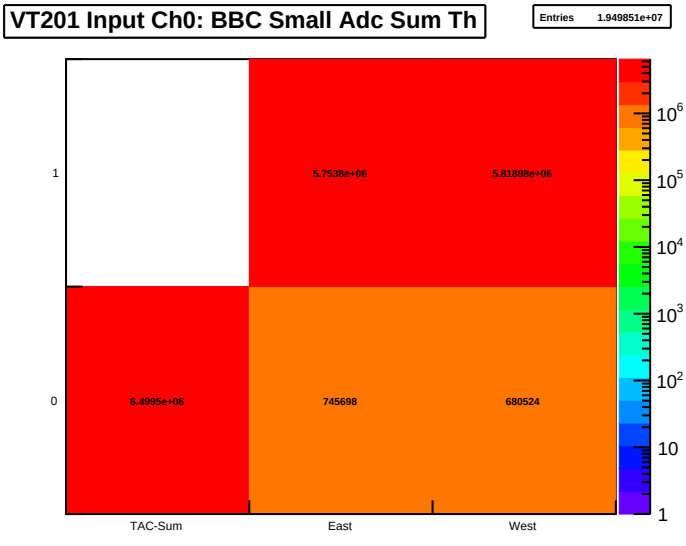

zdcWestTacVsSimu
Entries 860617
Data
Simu

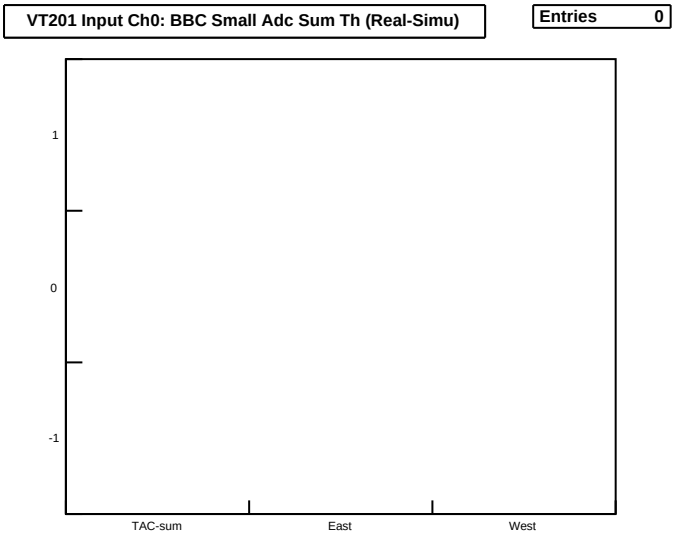

zdcAdcSum
Entries 7.799402e+07
838
348
774902
313178
1.12789e+06
905
168
989184
429439
1.46048e+06
6.49866e+06
6.49915e+06
6.4995e+06
5.7246e+06
6.18632e+06
5.37161e+06
6.4986e+06
6.49932e+06
6.4995e+06
5.51032e+06
6.07406e+06
5.03903e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

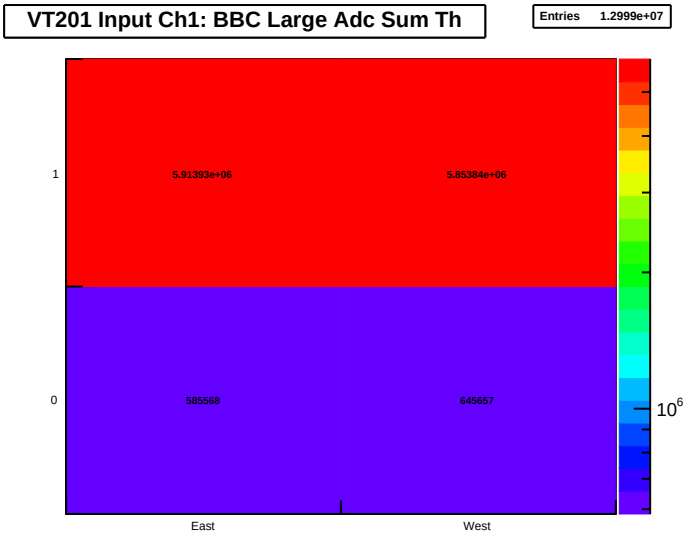

zdcAdcSumDiff
Entries 9187979
570
254
538369
216743
788112
703
131
760405
329842
1.11817e+06
542901
543075
543169
306636
365990
122849
593259
593424
593461
364682
553869
309163
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

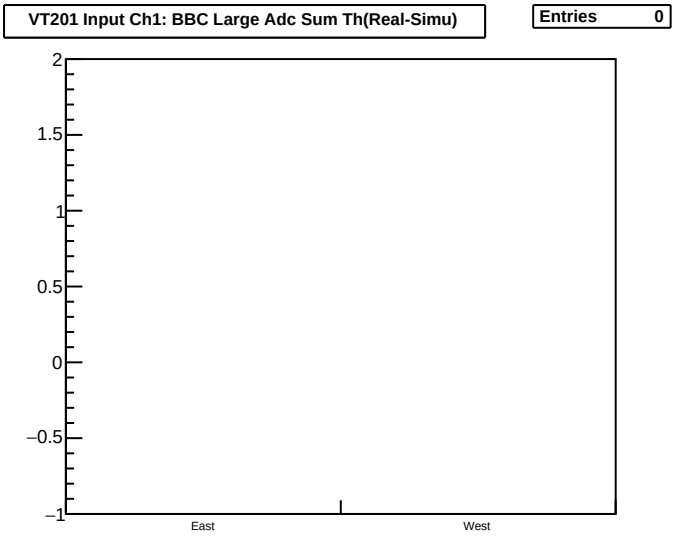

VT201 Input Ch0: BBC Small Tac Diff
Entries6499502
Tac


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

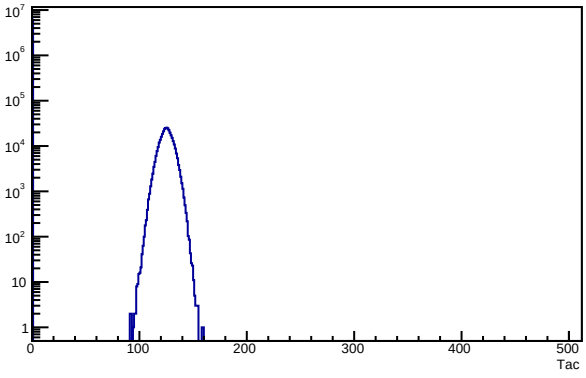

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.949851e+07
5.7538e+06
5.81898e+06
6.4995e+06
745698
680524
TAC-Sum
East
West


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

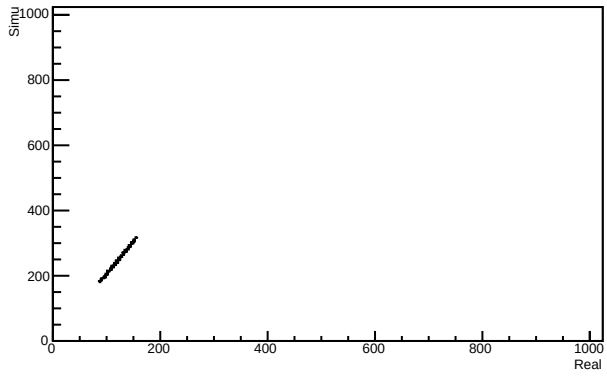

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.2999e+07
5.91393e+06
5.85384e+06
585568
645657
East
West


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

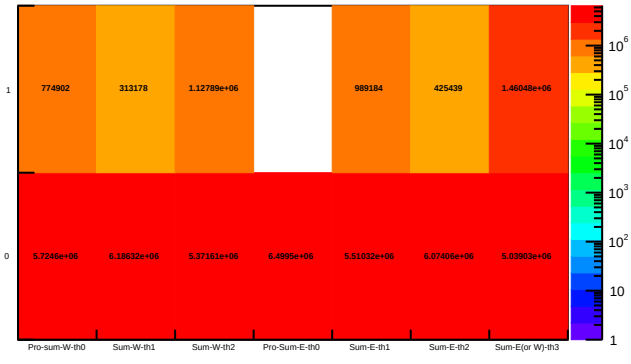
VT201 Input Ch2: ZDC Tac Diff



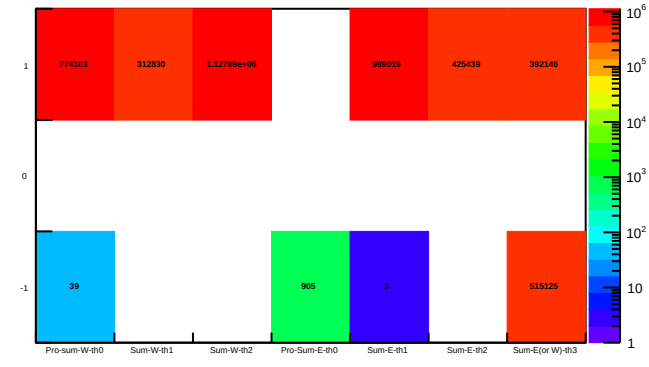
VT201 Input Ch2: ZDC Tac Diff



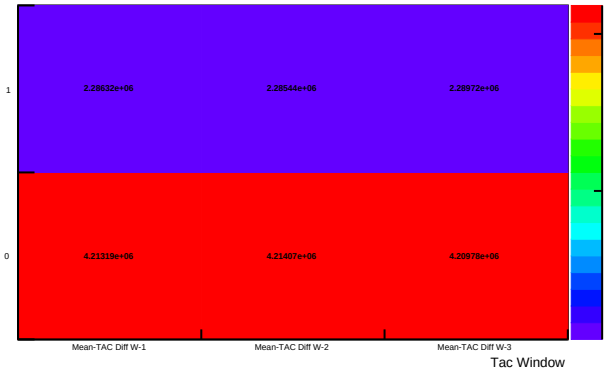
VT201 Input Ch2: ZDC Adc Sum Th



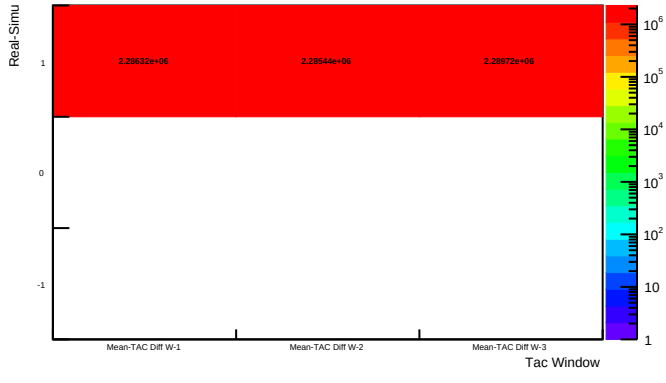
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



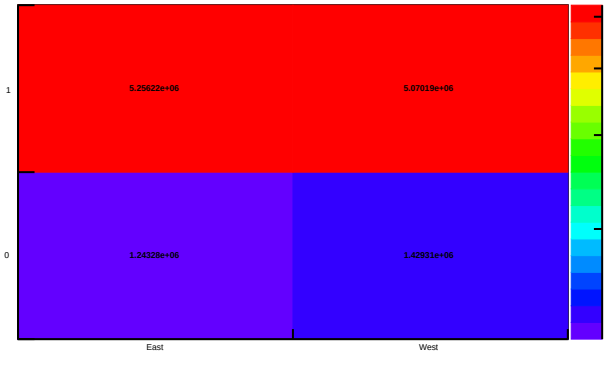
VT201 Input Ch4: VPD Tac Diff



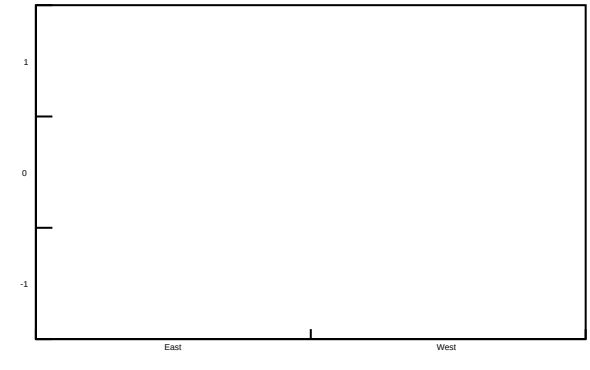
VT201 Input Ch4: VPD Tac Diff

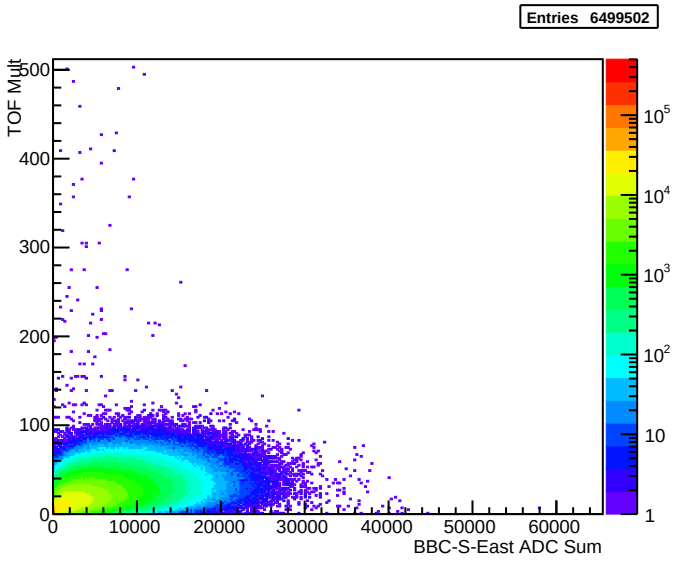


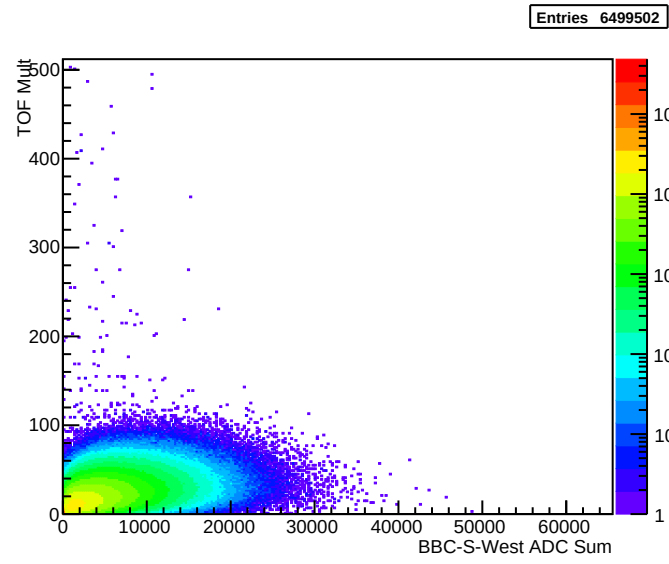
VT201 Input Ch4: VPD Adc Sum Th

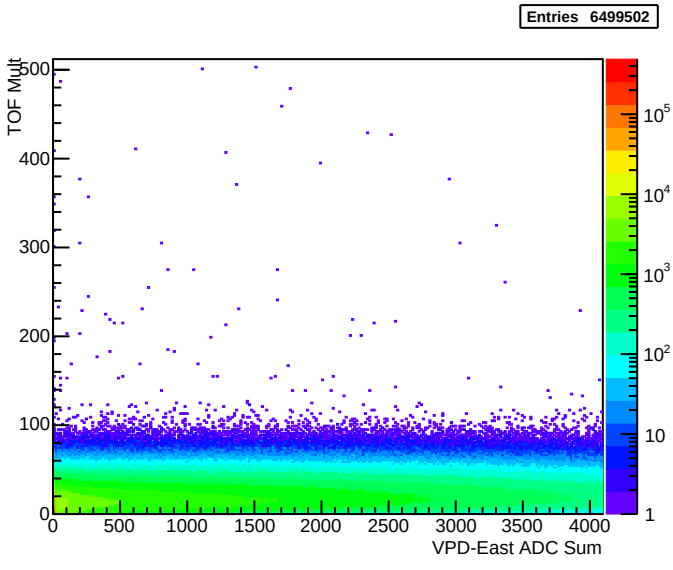


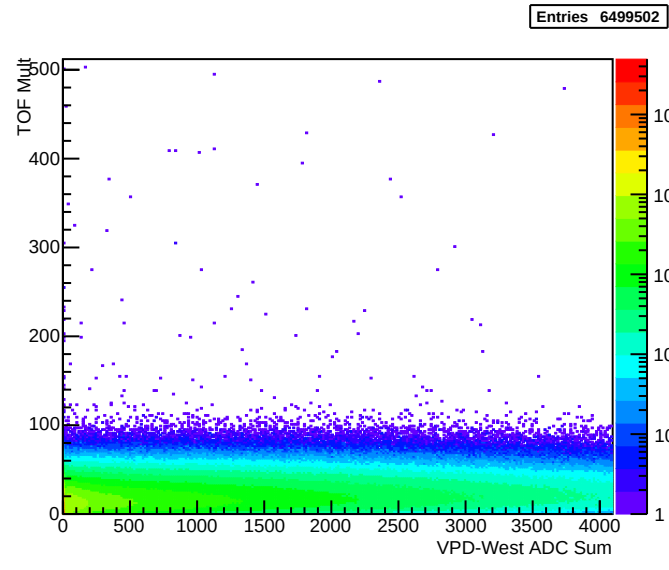
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

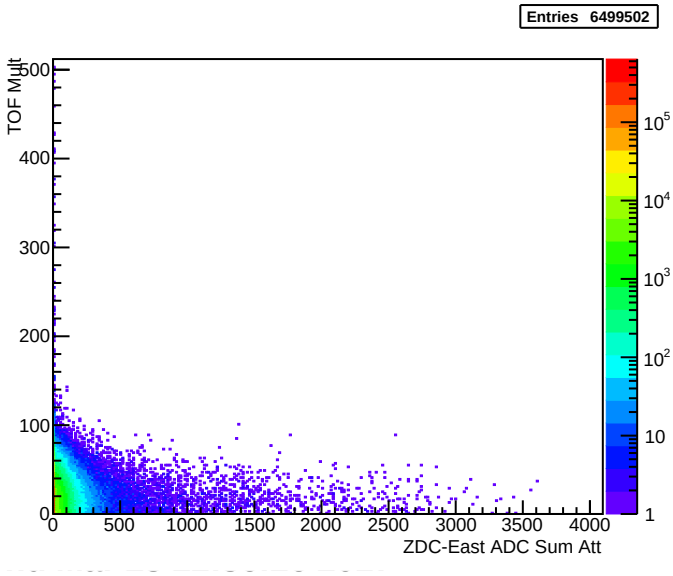


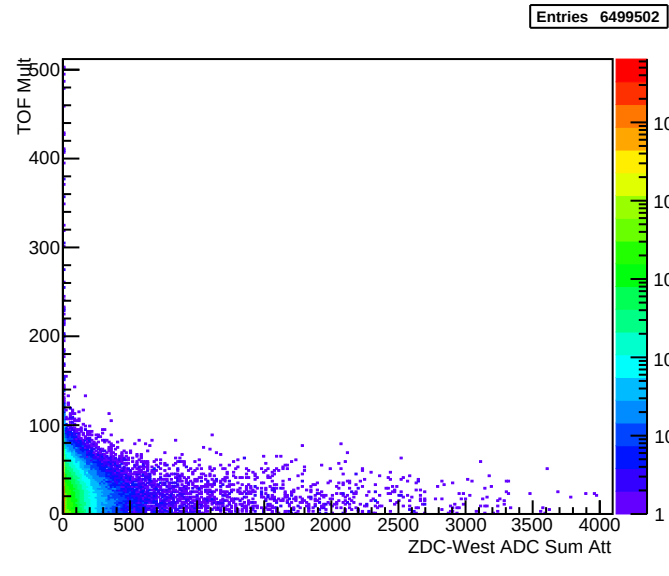

Entries 6499502
TOF Mult
BBC-S-East ADC Sum

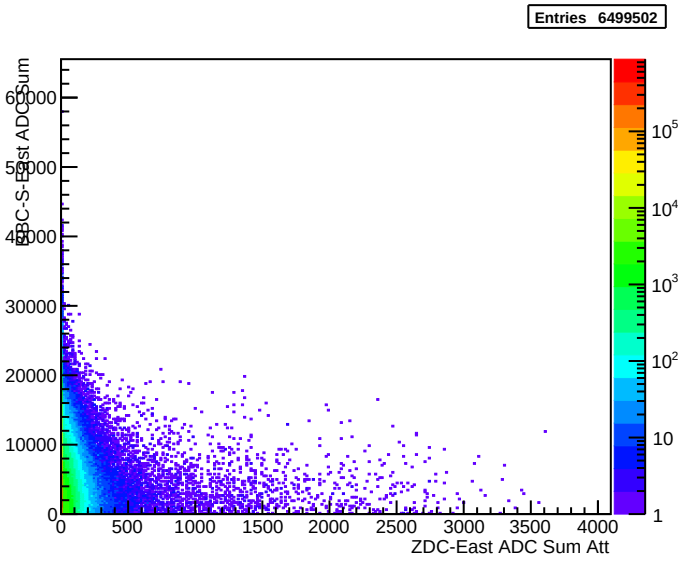

Entries 6499502
TOF Mult
BBC-S-West ADC Sum

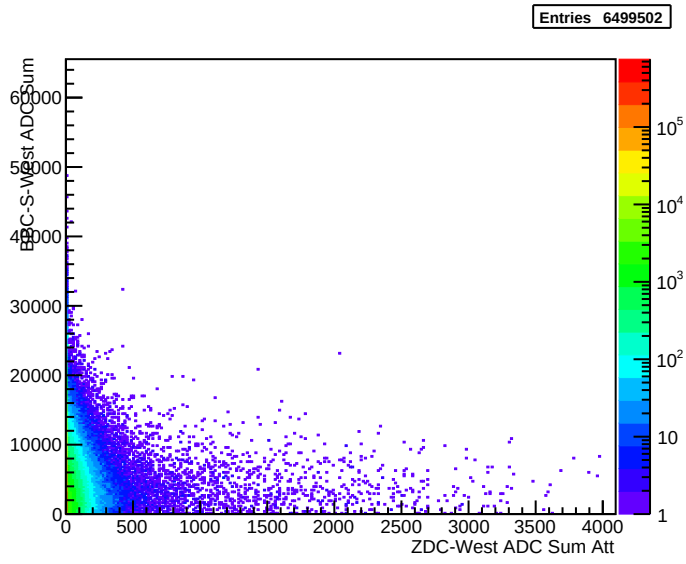

Entries 6499502
TOF Mult
VPD-East ADC Sum

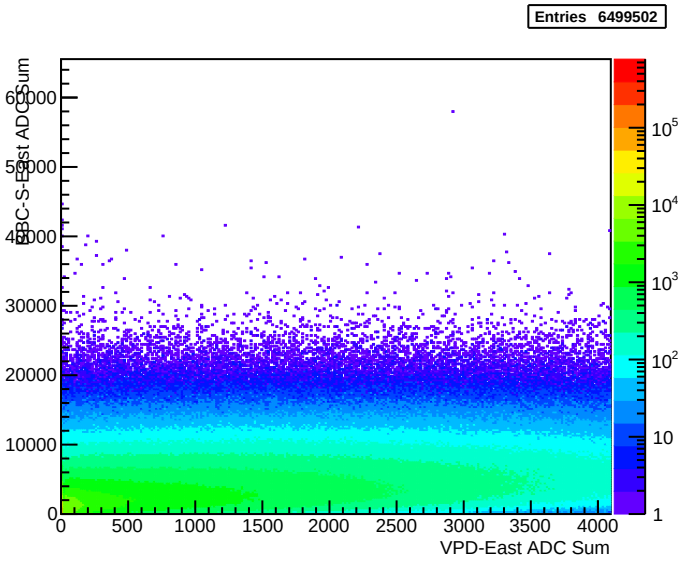

Entries 6499502
TOF Mult
VPD-West ADC Sum

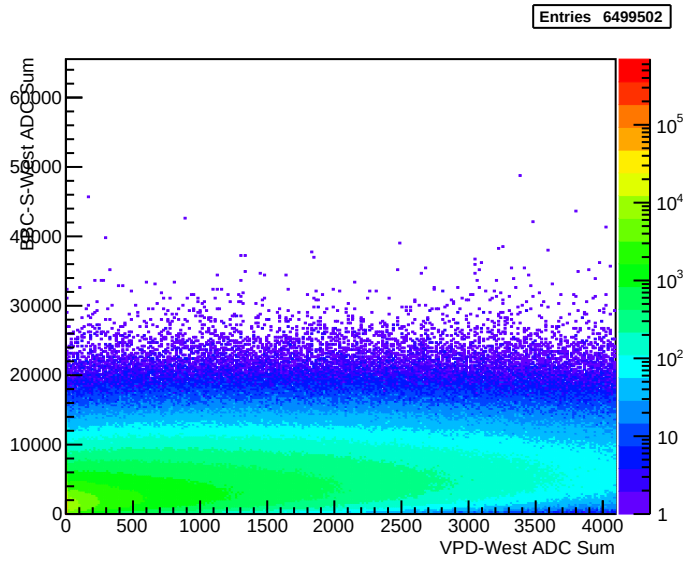

Entries 6499502
TOF Mult
ZDC-East ADC Sum Att

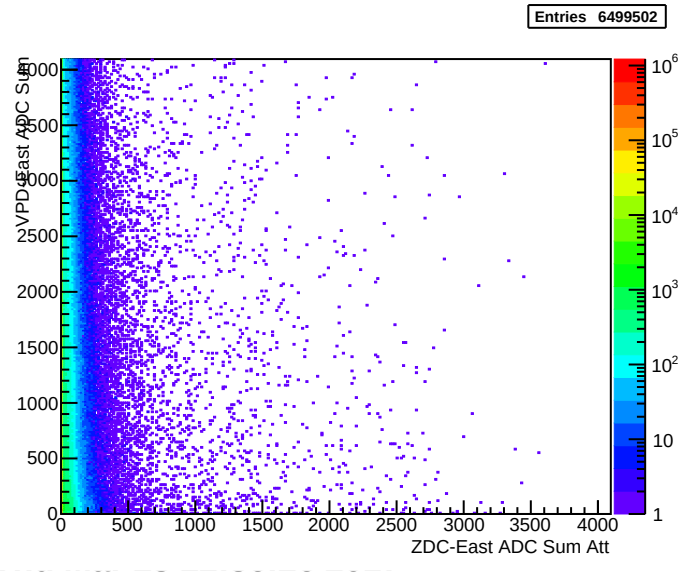

Entries 6499502
TOF Mult
ZDC-West ADC Sum Att

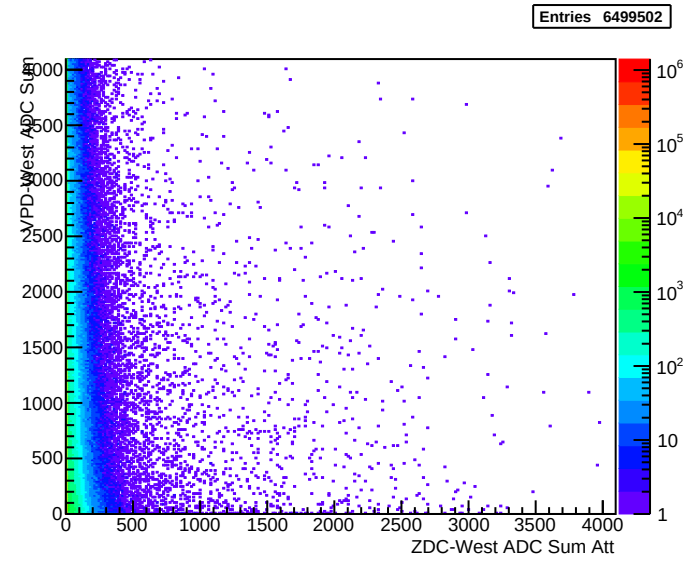

Entries 6499502
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

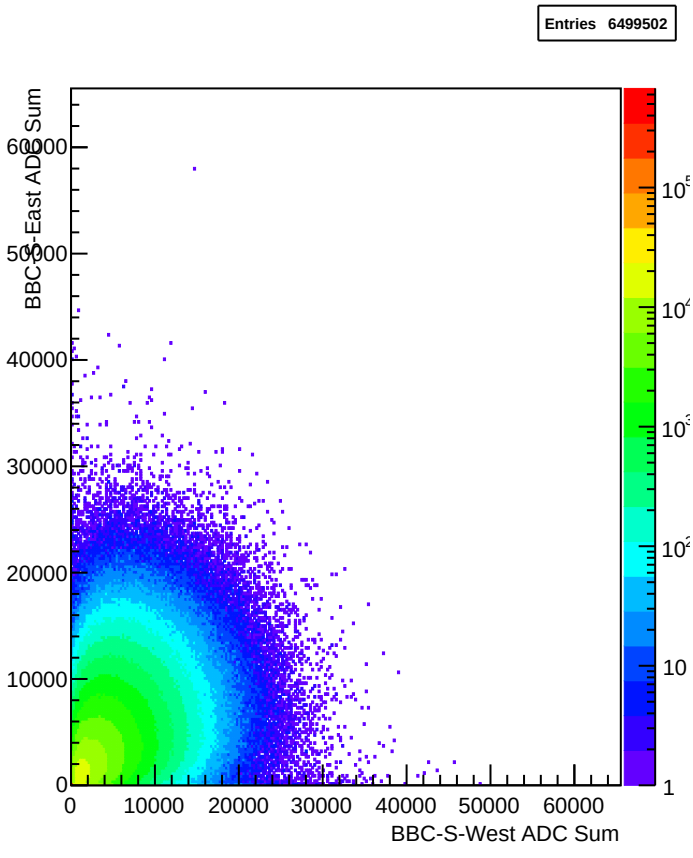

Entries 6499502
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

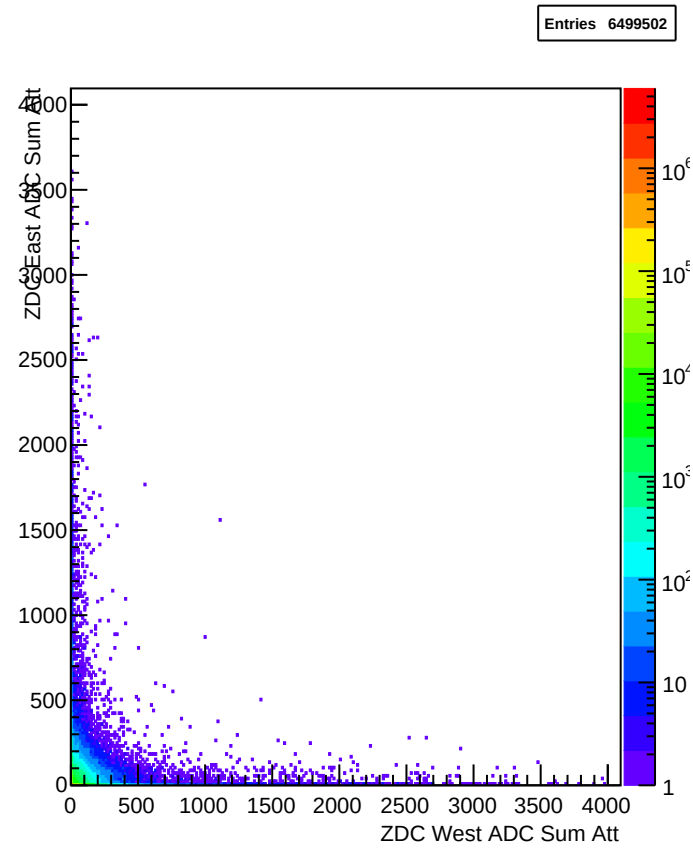

Entries 6499502
BBC-S-East ADC Sum
VPD-East ADC Sum

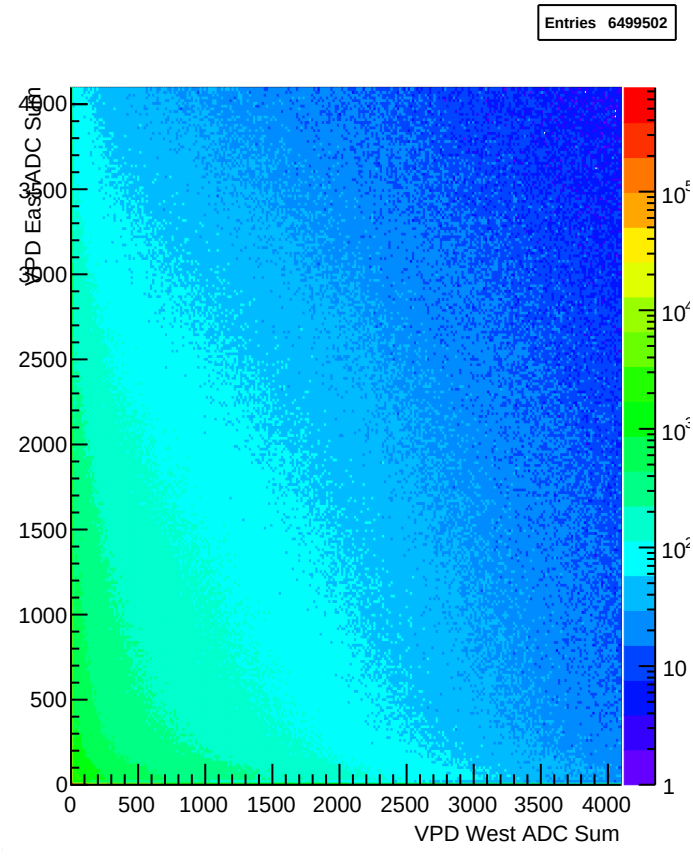

Entries 6499502
BBC-S-West ADC Sum
VPD-West ADC Sum

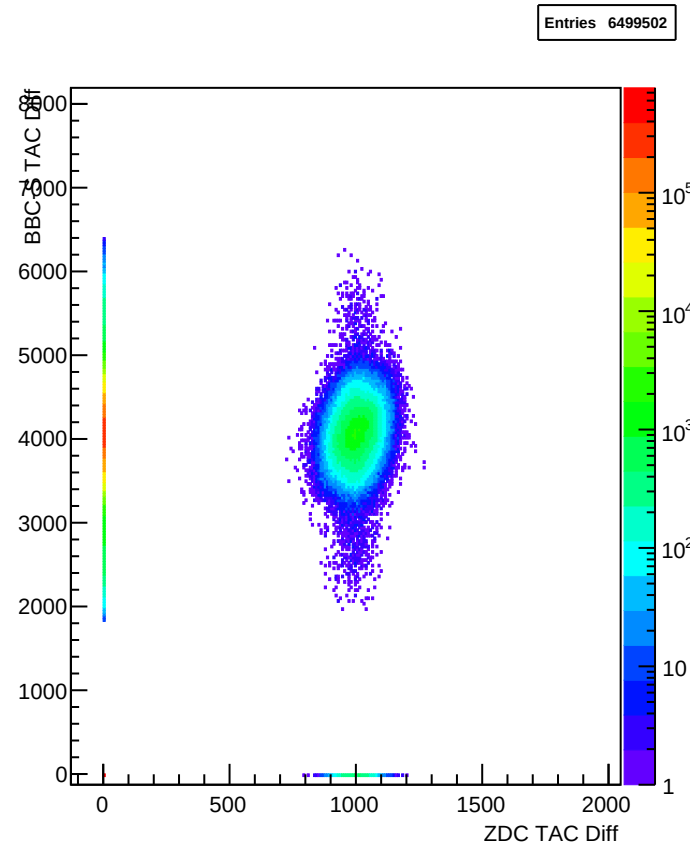

Entries 6499502
VPD-East ADC Sum
ZDC-East ADC Sum Att

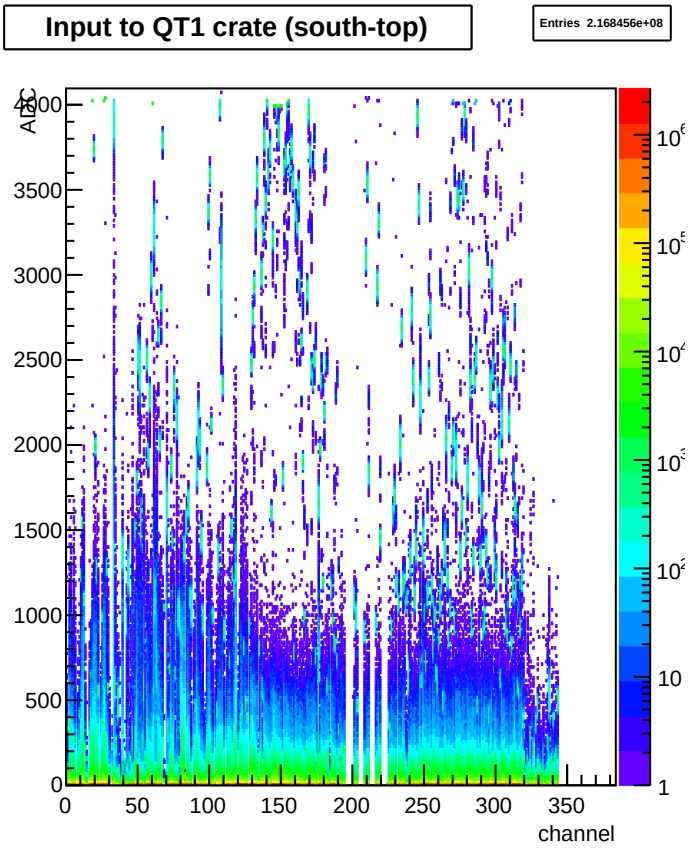

Entries 6499502
VPD-West ADC Sum
ZDC-West ADC Sum Att

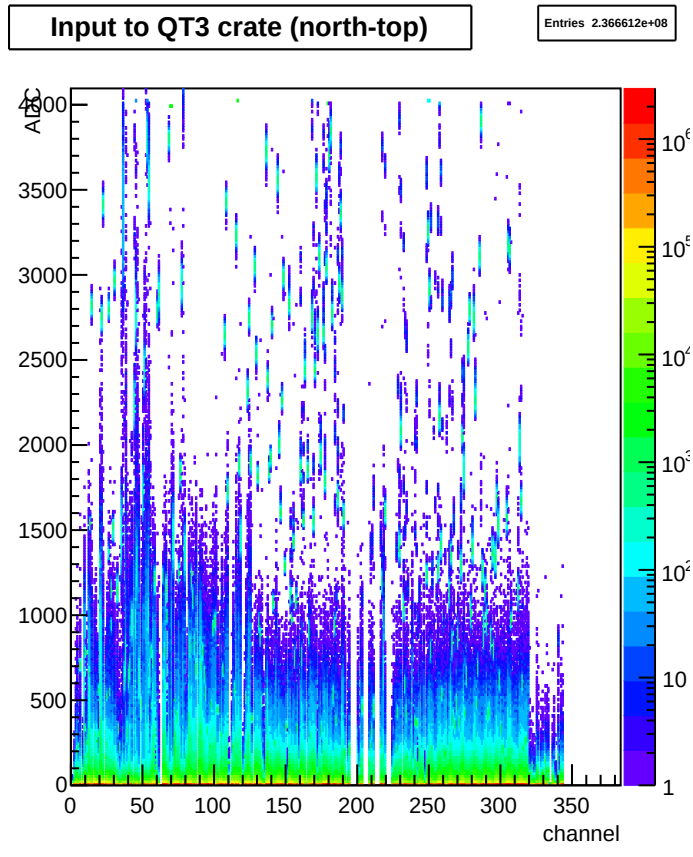

Entries 6499502
BBC-S-East ADC Sum
BBC-S-West ADC Sum

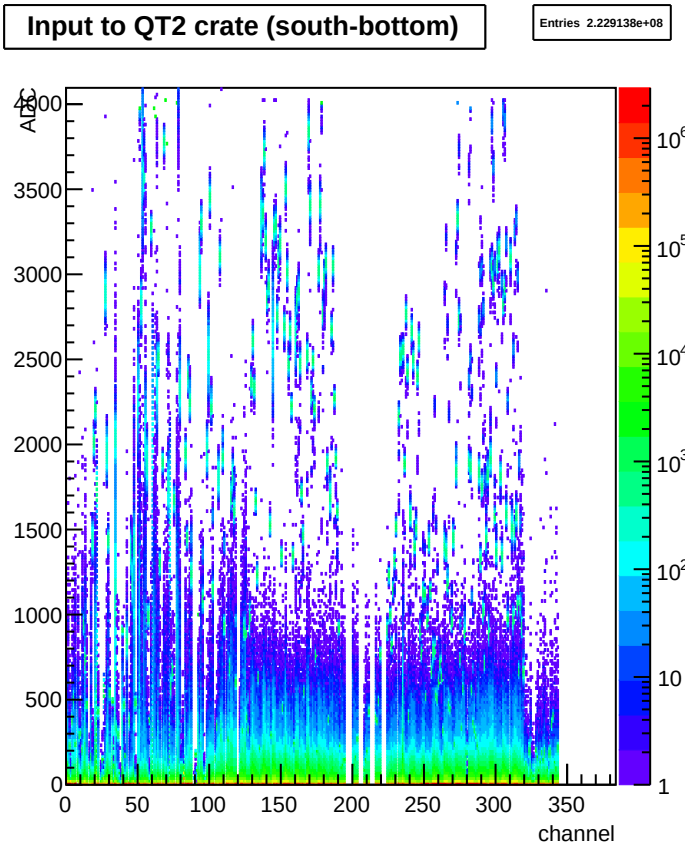

Entries 6499502
ZDC East ADC Sum Att
ZDC West ADC Sum Att

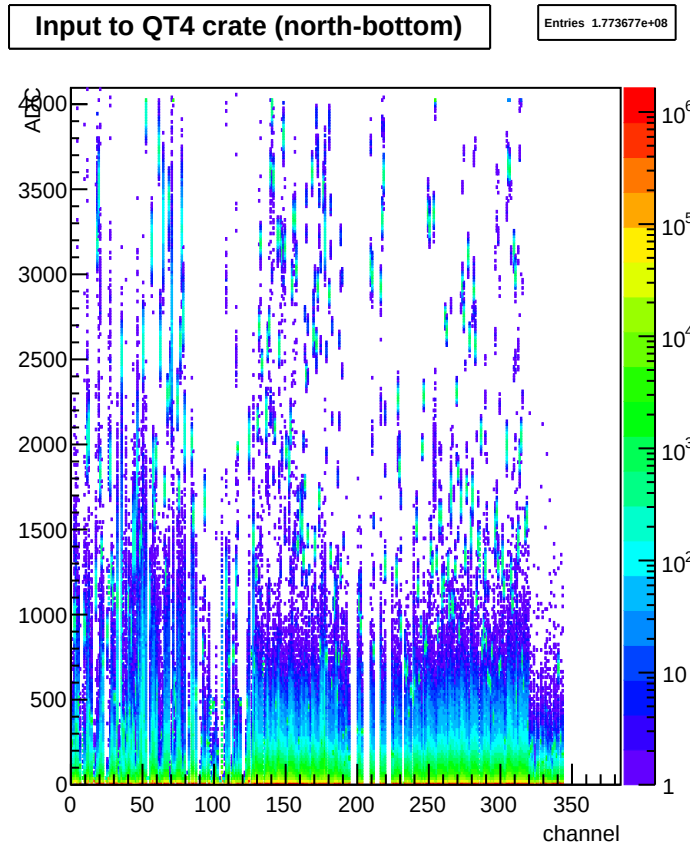

Entries 6499502
VPD East ADC Sum
VPD West ADC Sum

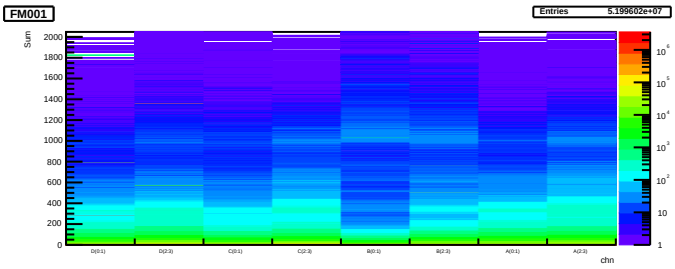

Entries 6499502
BBC-S TAC Diff
ZDC TAC Diff

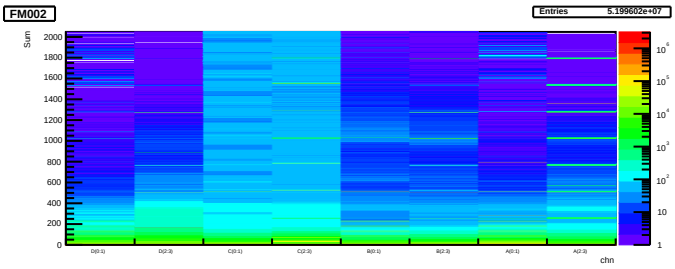

Input to QT1 crate (south-top)
Entries 2.168456e+08
ADC
channel

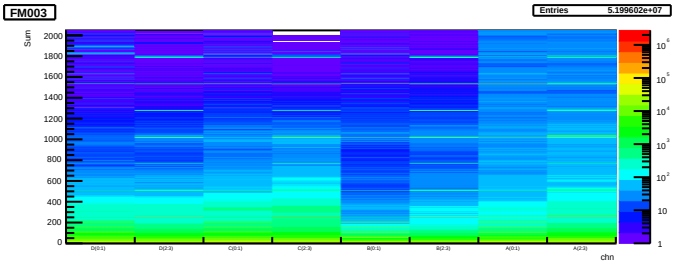

Input to QT3 crate (north-top)
Entries 2.366612e+08
ADC
channel

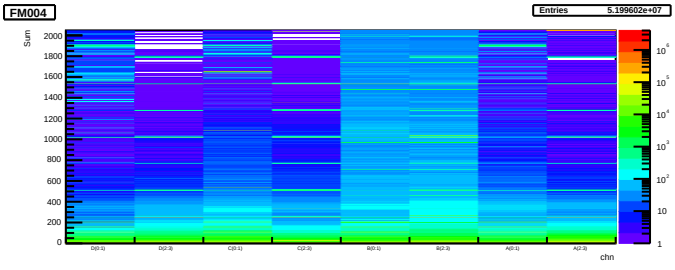

Input to QT2 crate (south-bottom)
Entries 2.229138e+08
ADC
channel

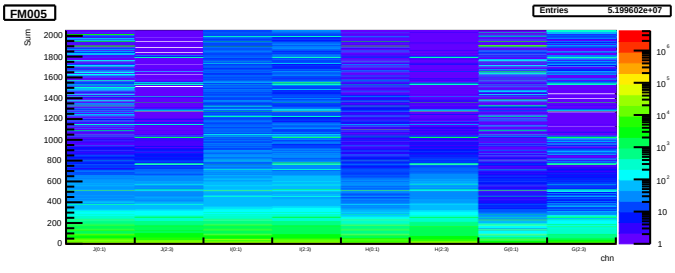

Input to QT4 crate (north-bottom)
Entries 1.773677e+08
ADC
channel

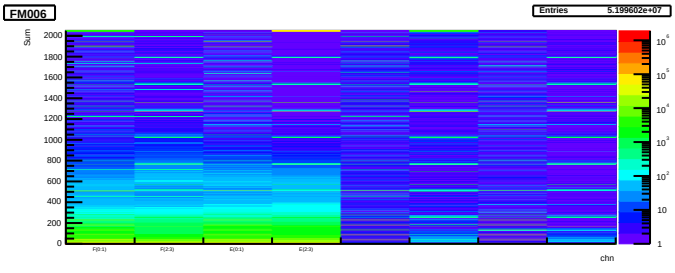

FM001
Entries 5.199602e+07
Sum
chn

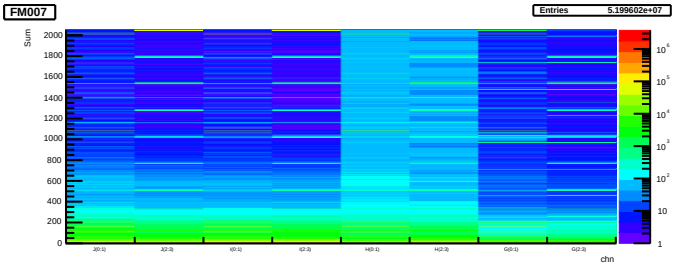

FM002
Entries 5.199602e+07
Sum
chn


FM003
Entries 5.199602e+07
Sum
chn


FM004
Entries 5.199602e+07
Sum
chn


FM005
Entries 5.199602e+07
Sum
chn


FM006
Entries 5.199602e+07
Sum
chn


FM007
Entries 5.199602e+07
Sum
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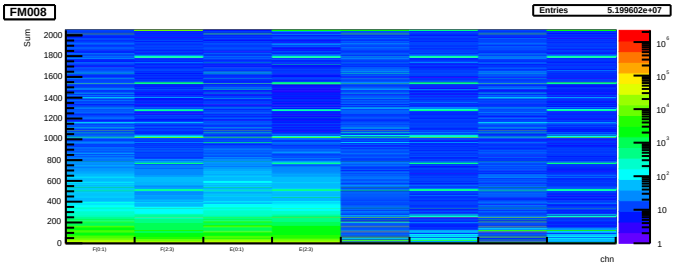
FM008
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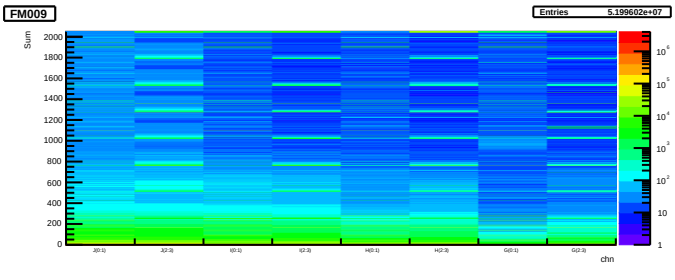
FM009
Entries 5.199602e+07
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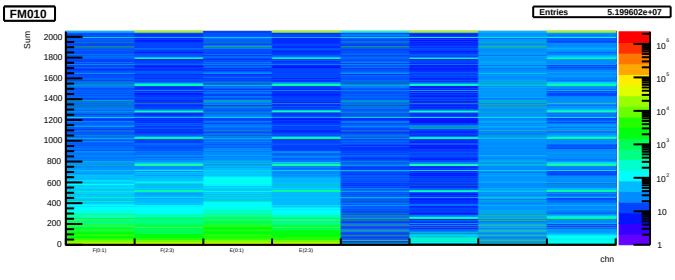
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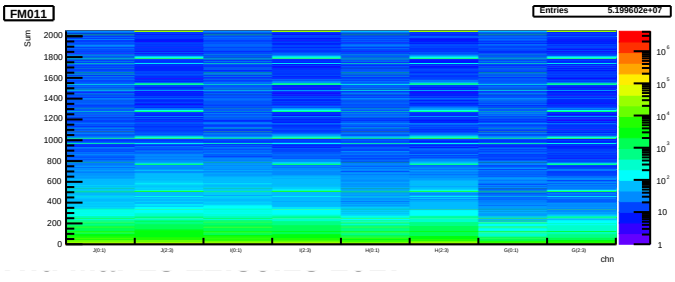
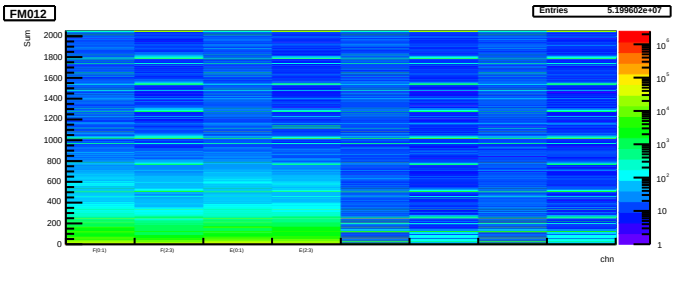

FM011
Entries 5.199602e+07
Sum
chn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Entries 5.199602e+07
Sum
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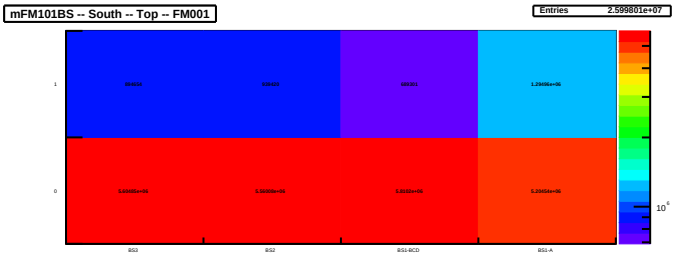
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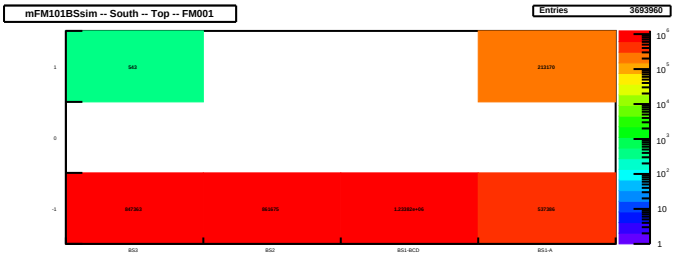
Entries 2.599801e+07
BS3
BS2
BS1-BCD
BS1-A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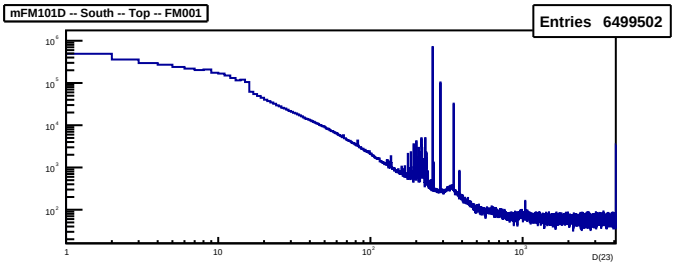
BS1-A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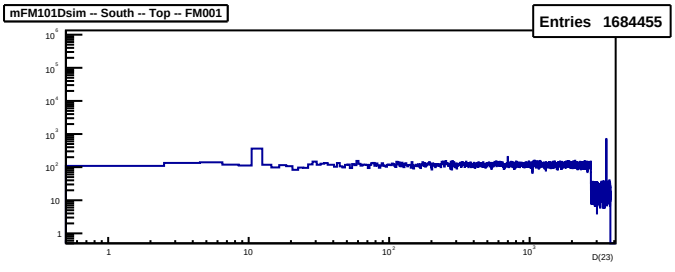
Entries 6499502
D(23)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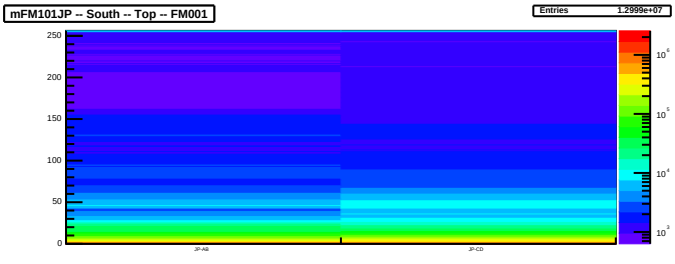
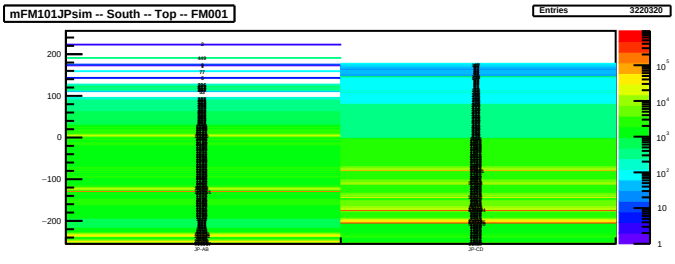
Entries 1684455
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1.2999e+07
JP-AB
JP-CD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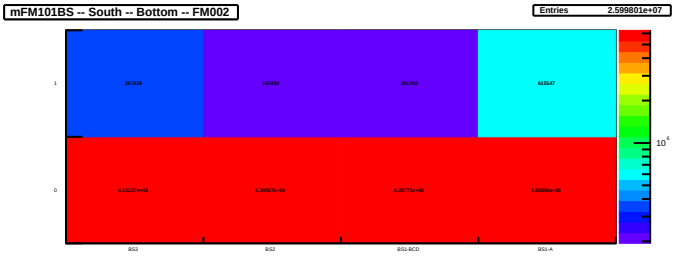
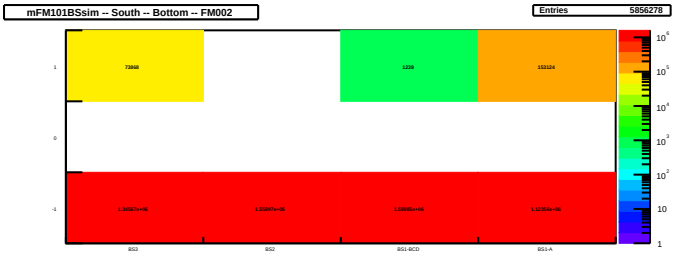
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 2.599801e+07
BS3
BS2
BS1-BCD
BS1-A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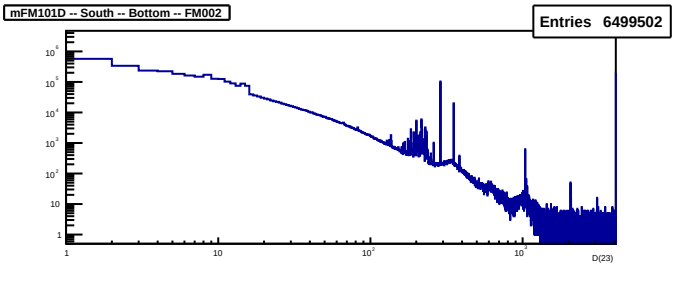
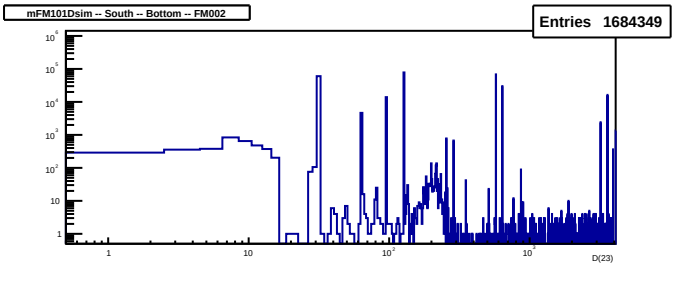
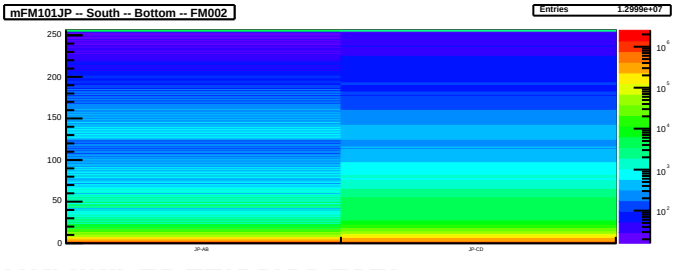
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 6499502
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 1684349
D(23)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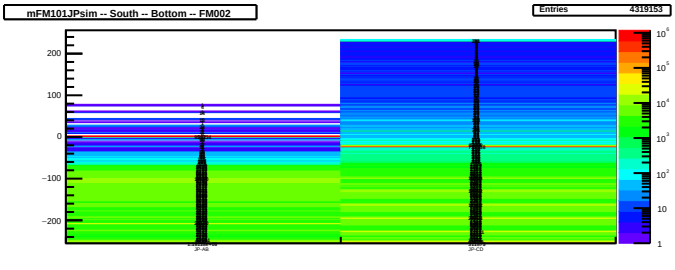
Entries 1.2999e+07
JP-AB
JP-CD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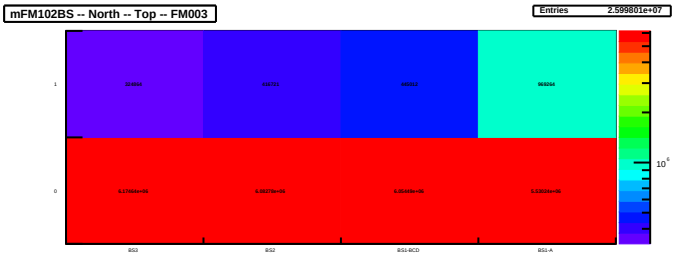
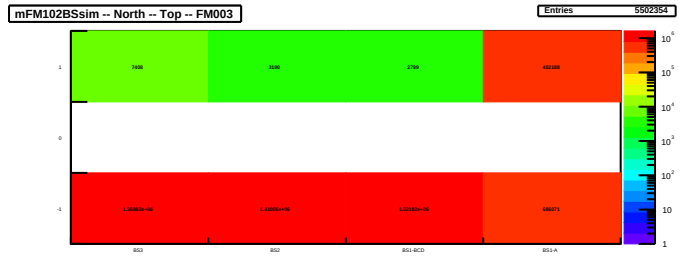
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2.599801e+07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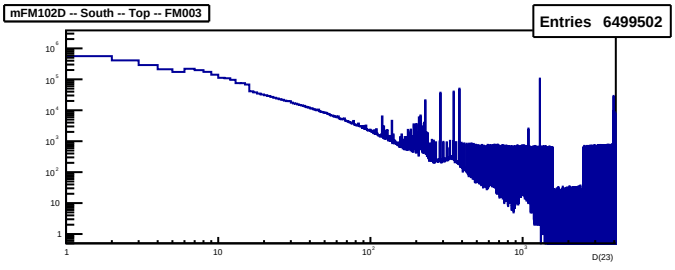
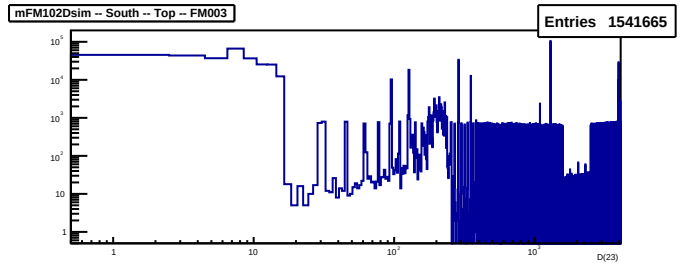
Entries 5502354


mFM102D -- South -- Top -- FM003
Entries 6499502
D(23)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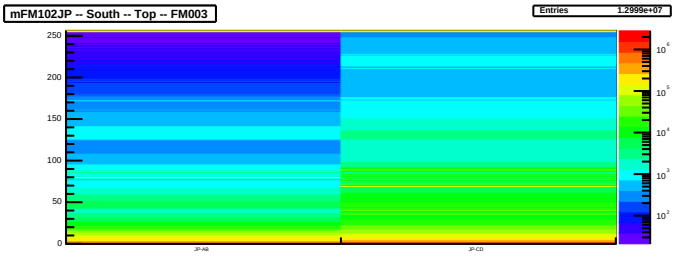
D(23)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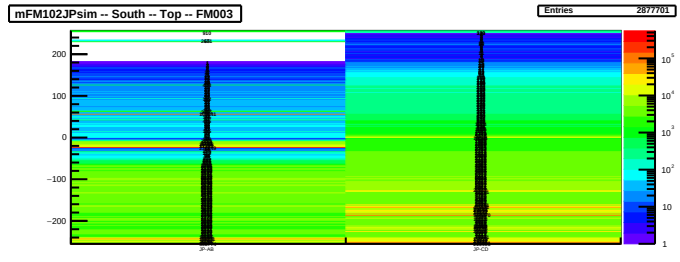
Entries 1.2999e+07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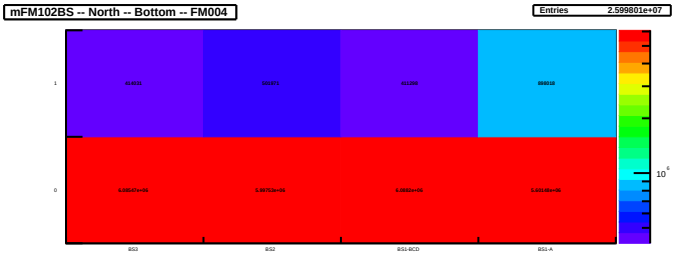
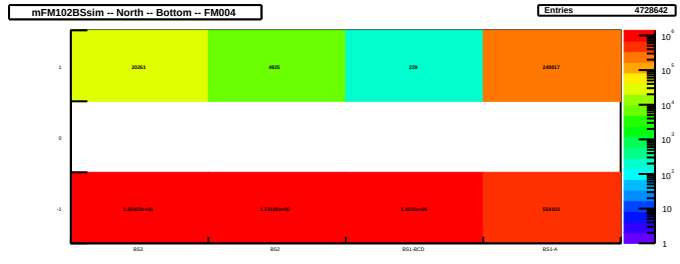

mFM102BS -- North -- Bottom -- FM004
Entries 2.599801e+07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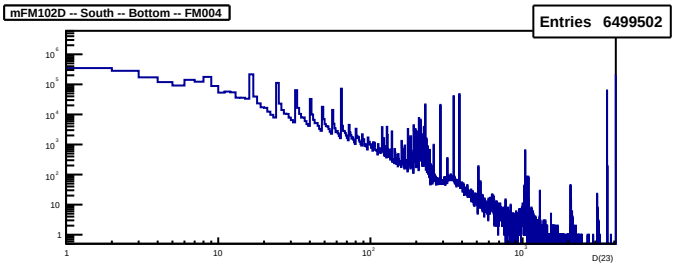
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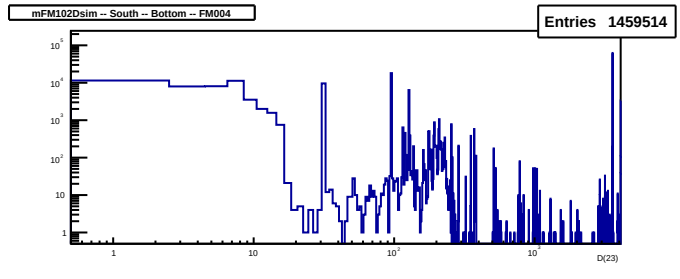
Entries 6499502
D(23)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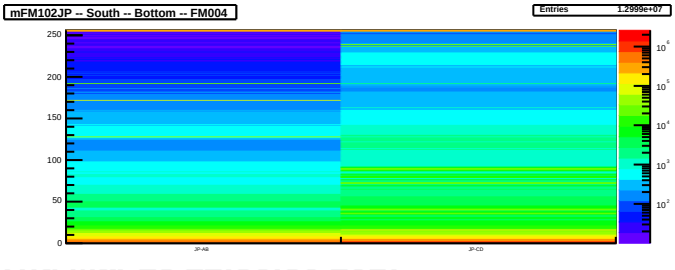
D(23)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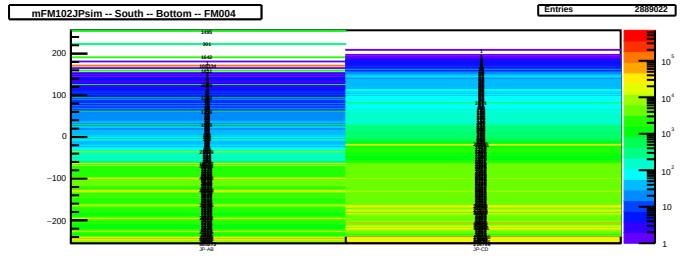
Entries 1.2999e+07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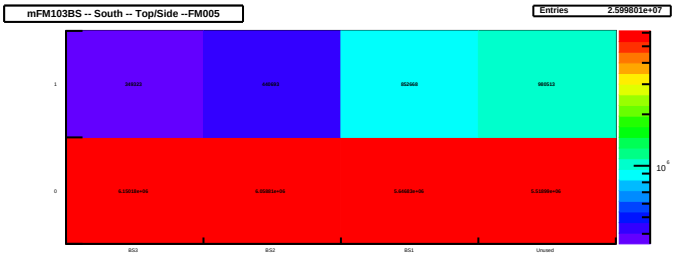
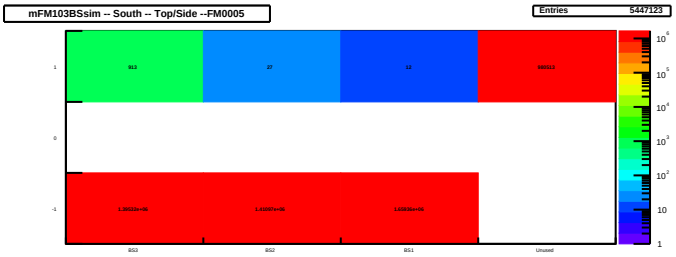
Entries 2889022


mFM103BS -- South -- Top/Side --FM005
Entries 2.599801e+07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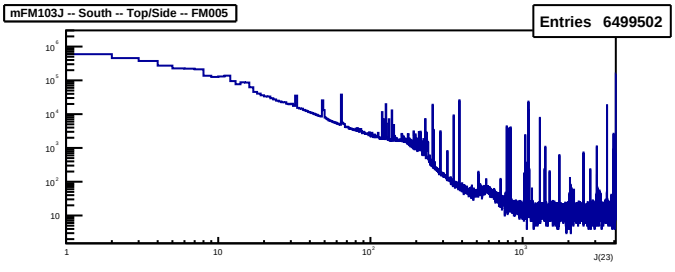
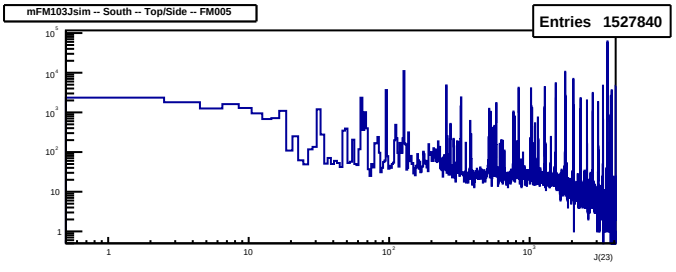
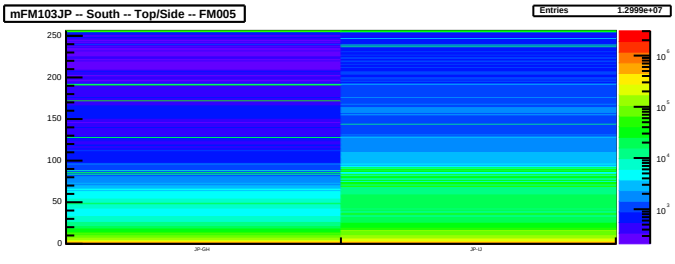
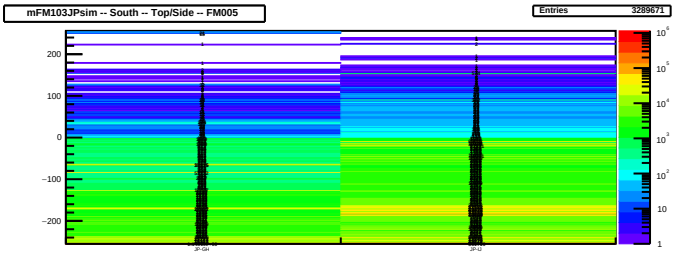
Entries 5447123


mFM103J -- South -- Top/Side -- FM005
Entries 6499502
J(23)


mFM103Jsim -- South -- Top/Side -- FM005
Entries 1527840
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1.2999e+07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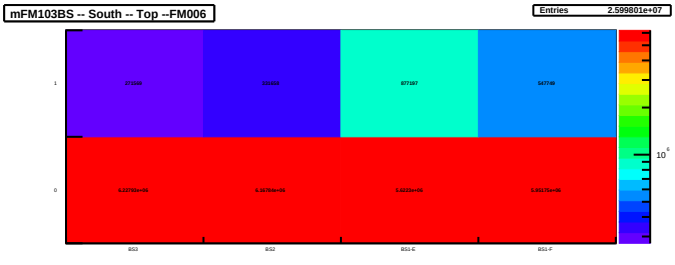
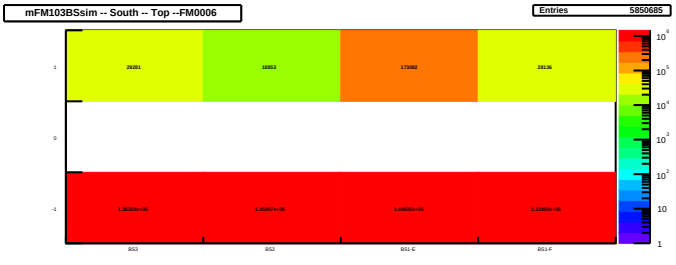
Entries 3289671


mFM103BS -- South -- Top --FM006
Entries 2.599801e+07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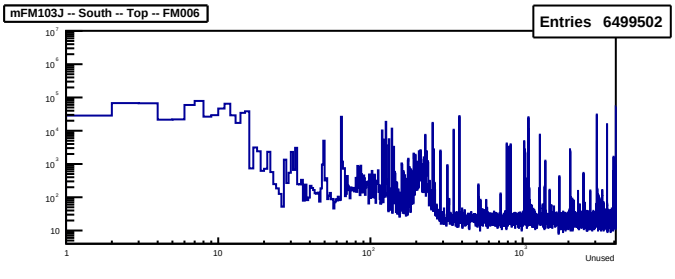
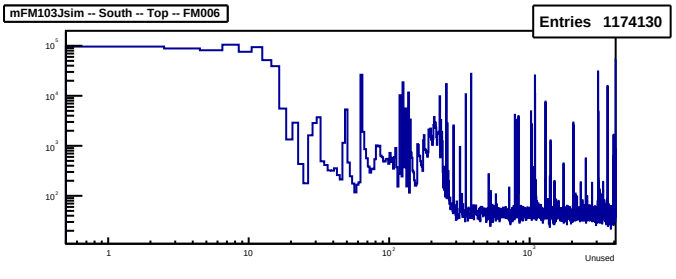
Entries 5850685


mFM103J -- South -- Top -- FM006
Entries 6499502
Unused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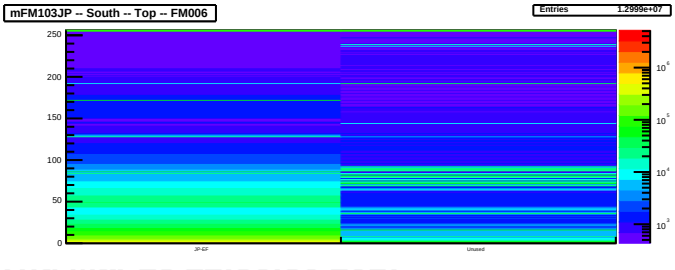
Entries 1174130
Unused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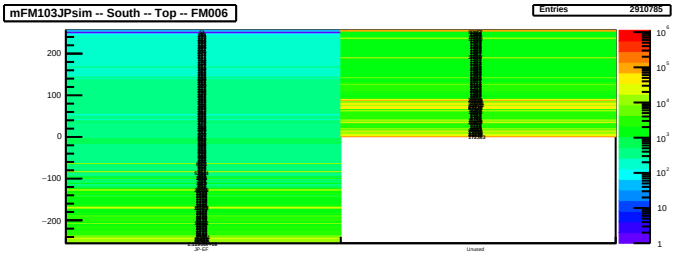
Entries 1.2999e+07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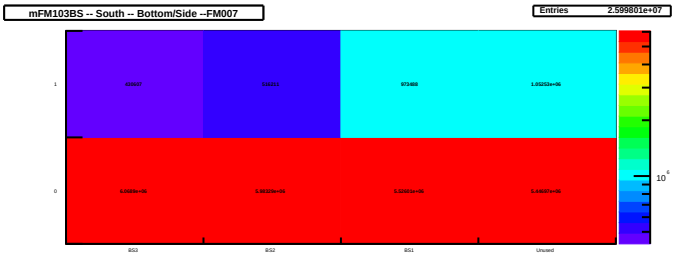
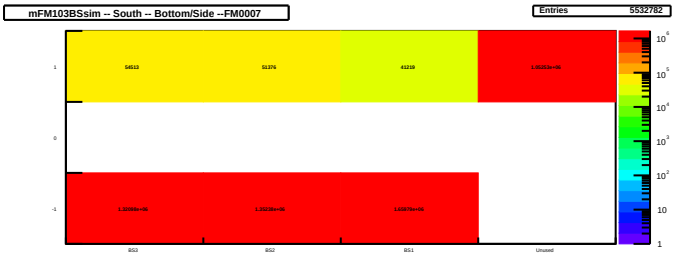
Entries 2910785


mFM103BS -- South -- Bottom/Side --FM007
Entries 2.599801e+07
BS3
BS2
BS1
Unused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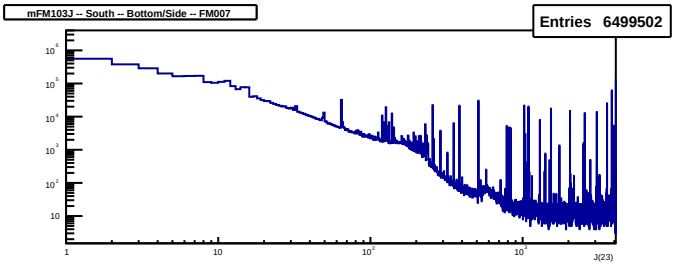
Entries 5532782
BS3
BS2
BS1
Unused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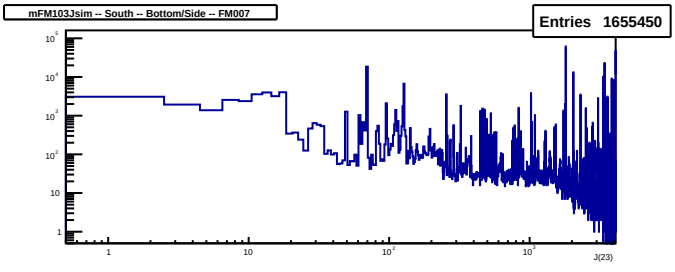
Entries 6499502
J(23)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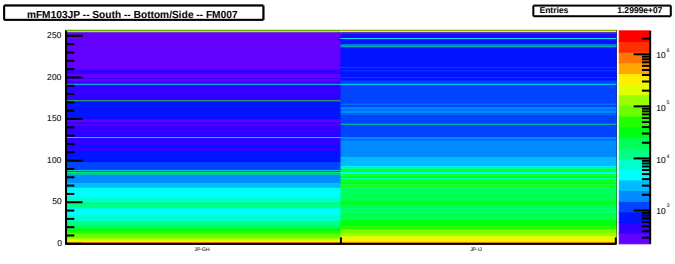
Entries 1655450
J(23)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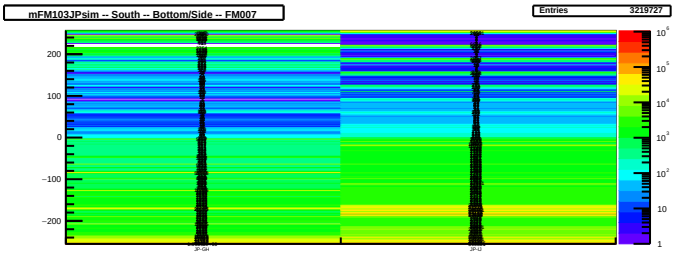
Entries 1.2999e+07
JP-G4
JP-I2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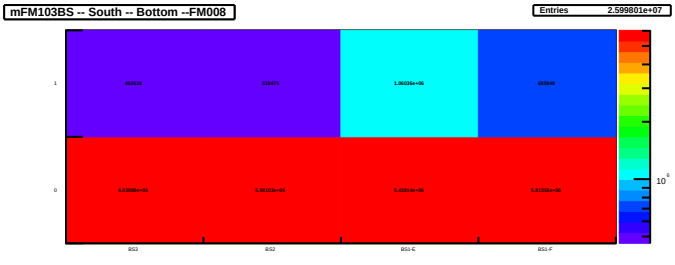
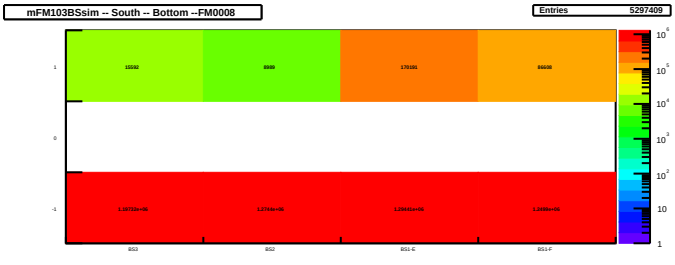
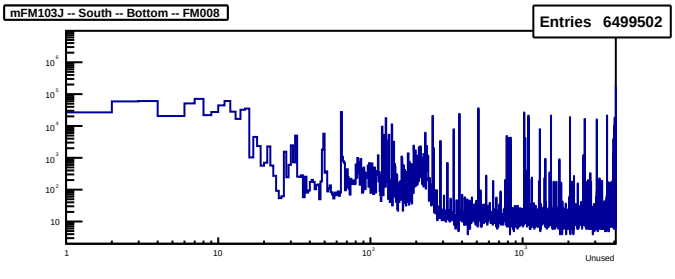
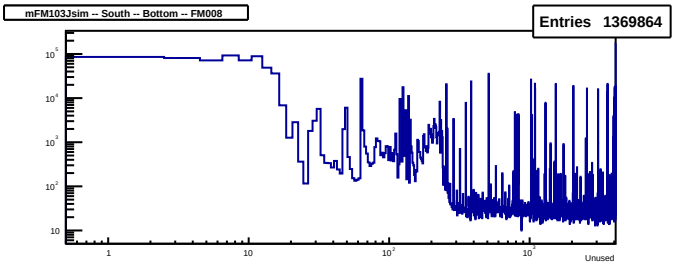
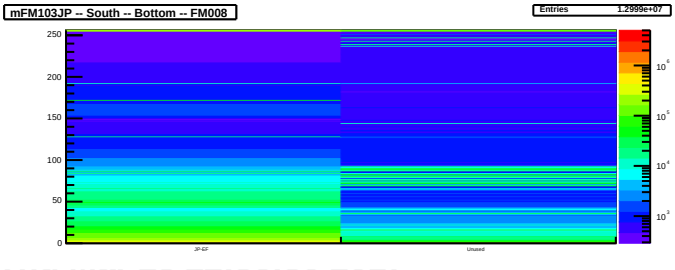
Entries 3219727
JP-G4
JP-I2

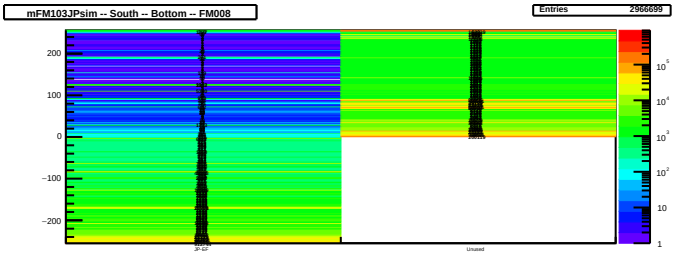

mFM103BS -- South -- Bottom --FM008
Entries 2.599801e+07
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 5297409
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 6499502
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 1369864
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1.2999e+07
JP-E2
Unused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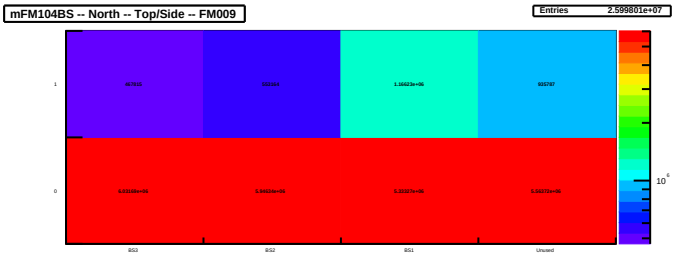
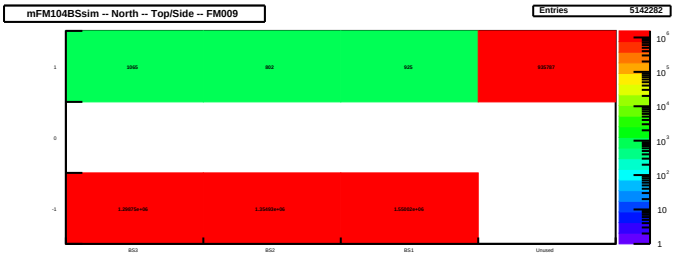
Entries 2966699
JP-E2
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 2.599801e+07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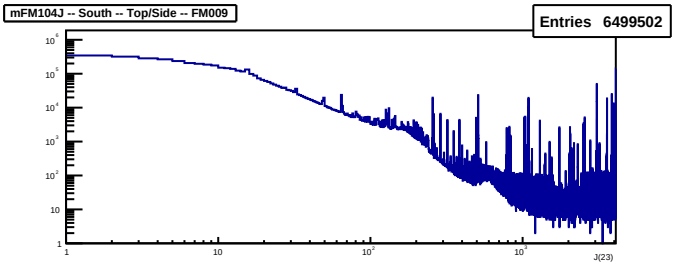
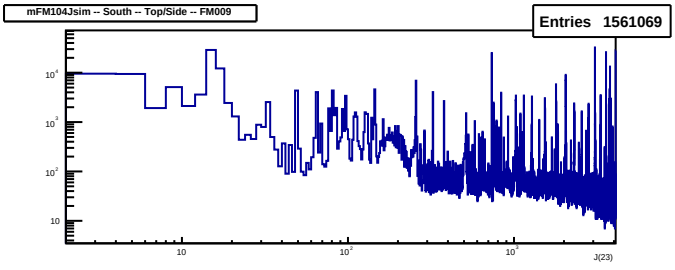
Entries 5142282


mFM104J -- South -- Top/Side -- FM009
Entries 6499502
J(23)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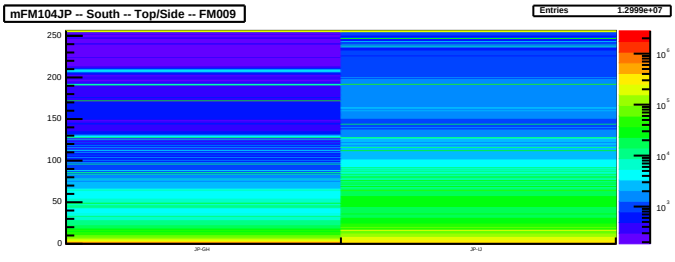
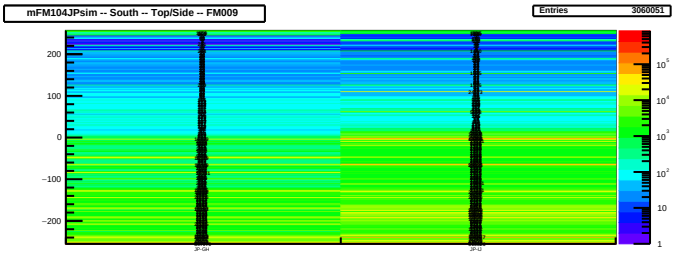
Entries 1561069
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.2999e+07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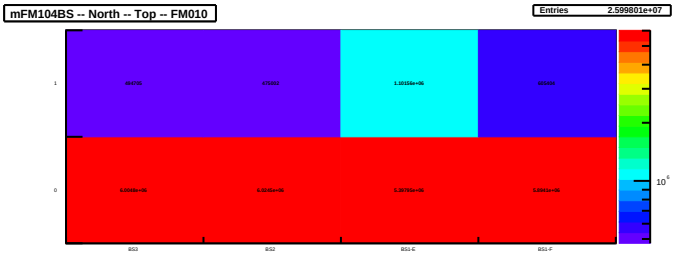
Entries 3060051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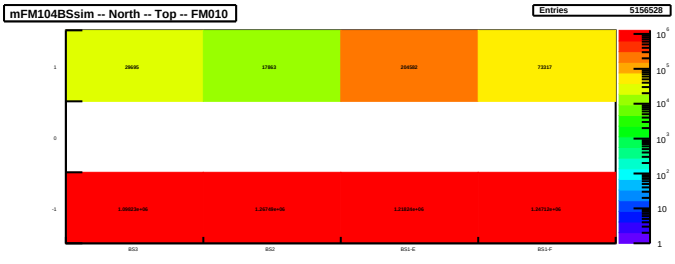
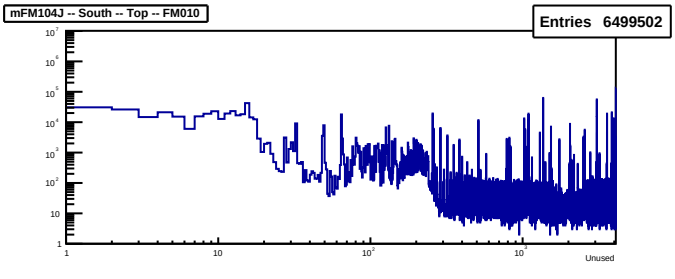
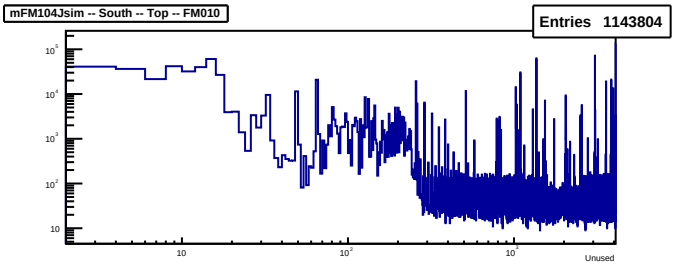
Entries 2.599801e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5156528


mFM104J -- South -- Top -- FM010
Entries 6499502
Unused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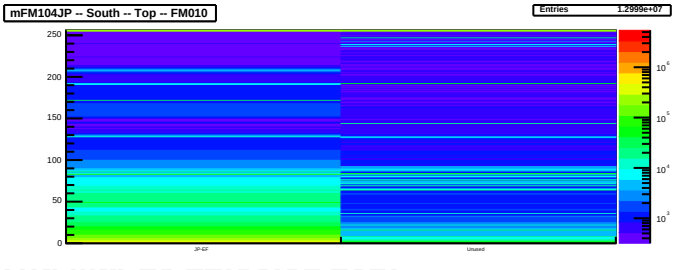
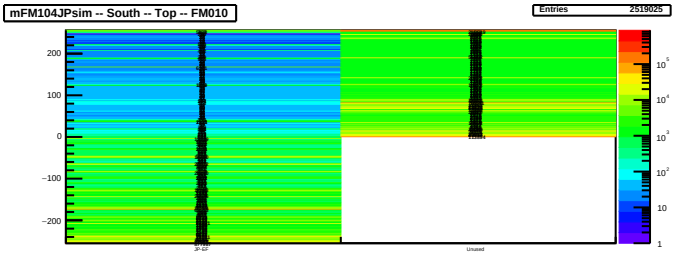
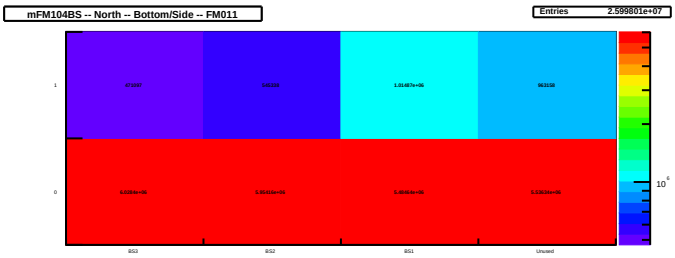
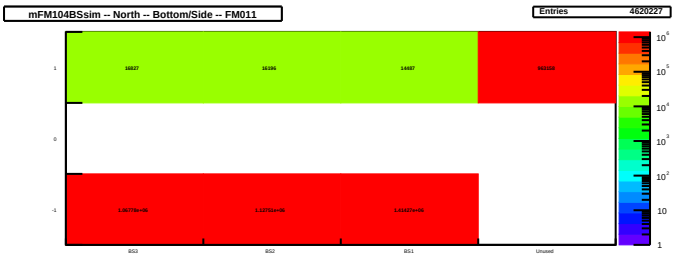
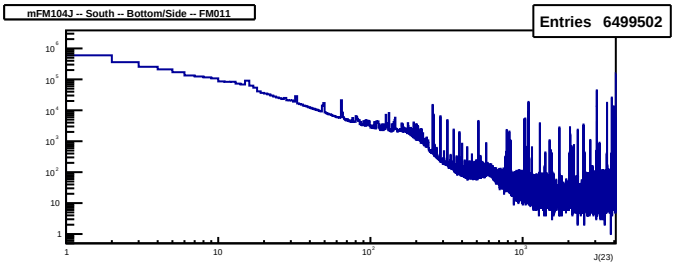
Entries 1143804
Unused

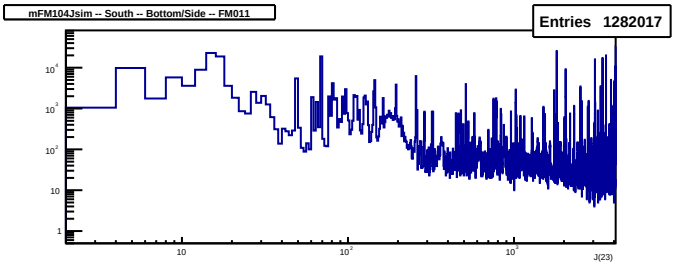

mFM104JP -- South -- Top -- FM010
Entries 1.2999e+07

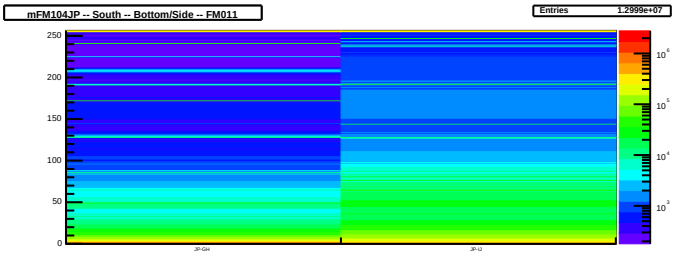

mFM104JPsim -- South -- Top -- FM010
Entries 2519025


mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.599801e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4620227


mFM104J -- South -- Bottom/Side -- FM011
Entries 6499502
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1282017
J(23)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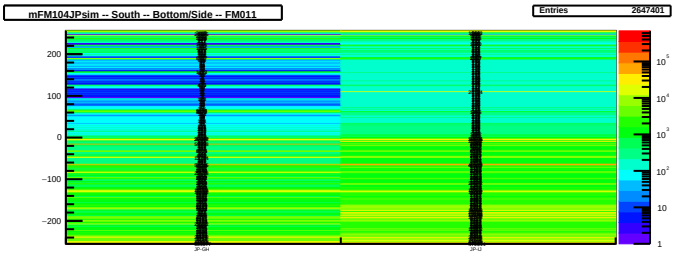
Entries 1.2999e+07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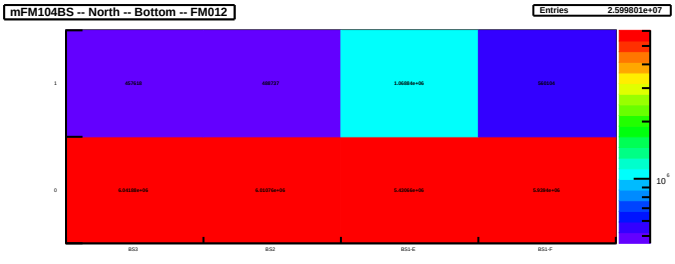
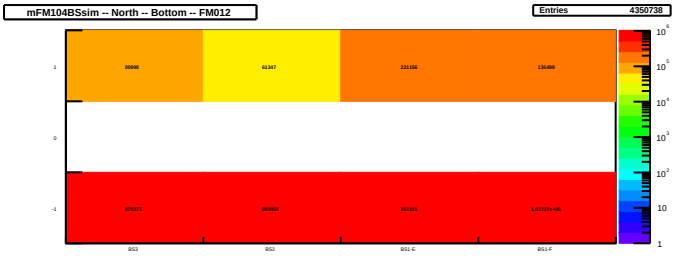
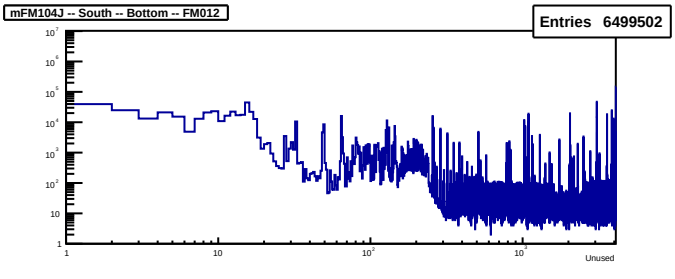
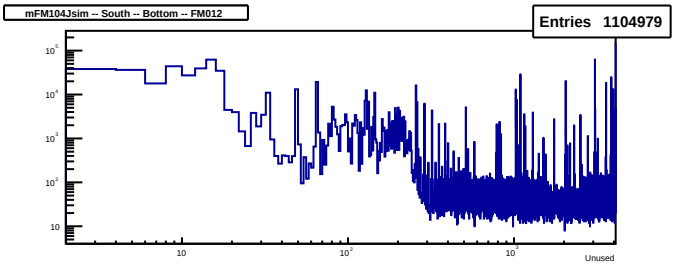
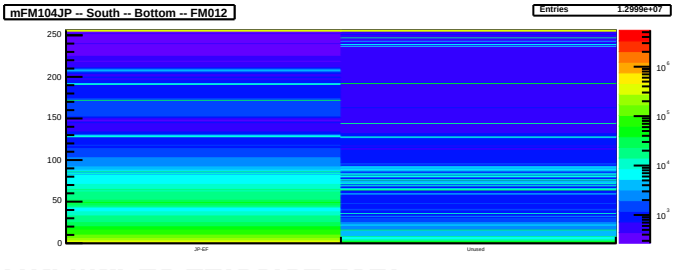
Entries 2647401

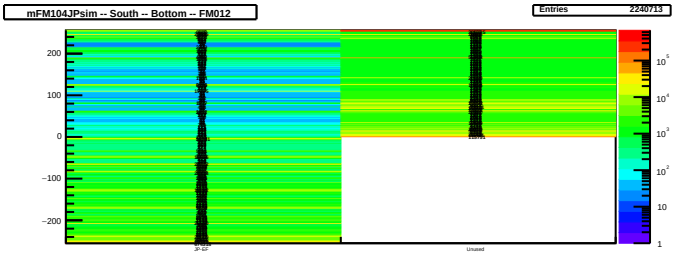

mFM104BS -- North -- Bottom -- FM012
Entries 2.599801e+07

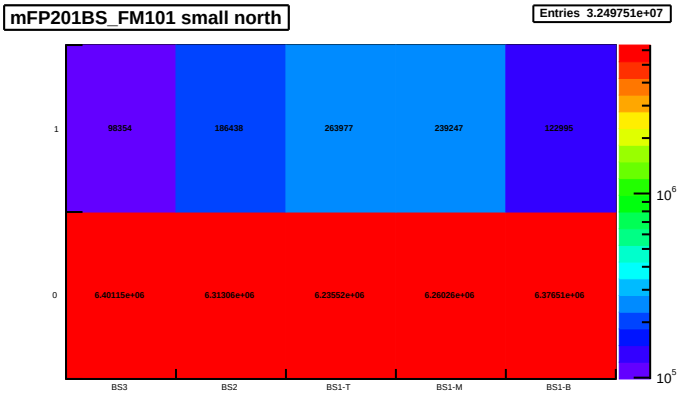

mFM104BSsim -- North -- Bottom -- FM012
Entries 4350738

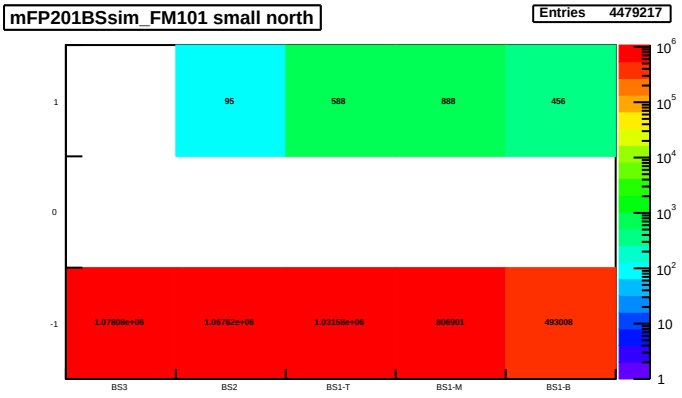

mFM104J -- South -- Bottom -- FM012
Entries 6499502
Unused

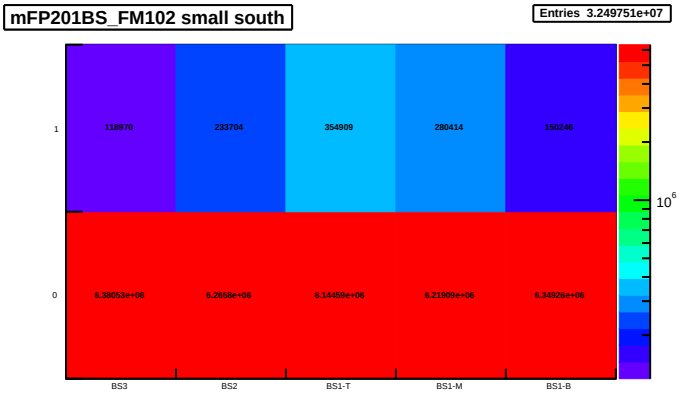

mFM104Jsim -- South -- Bottom -- FM012
Entries 1104979
Unused

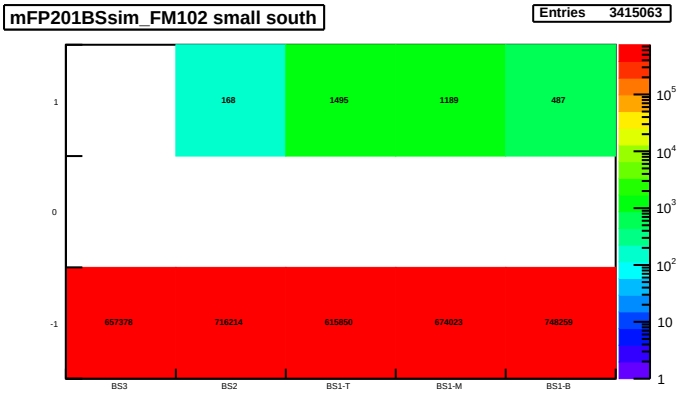

mFM104JP -- South -- Bottom -- FM012
Entries 1.2999e+07

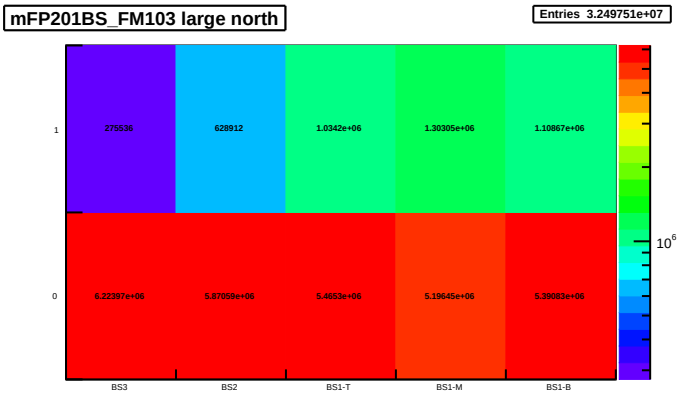

mFM104JPsim -- South -- Bottom -- FM012
Entries 2240713

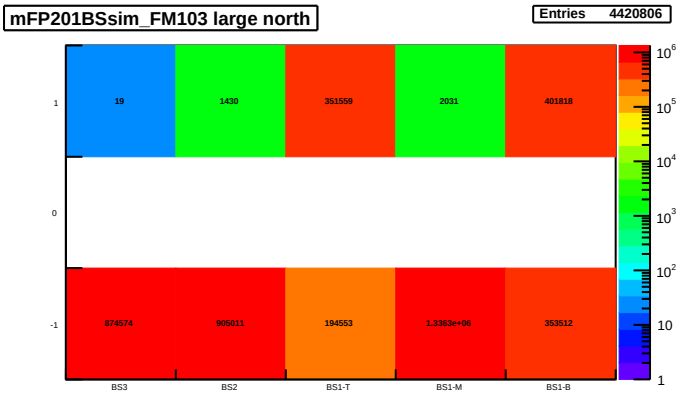

mFP201BS_FM101 small north
Entries 3.249751e+07
98354
186438
263977
239247
122995
6.40115e+06
6.31306e+06
6.23552e+06
6.26026e+06
6.37651e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

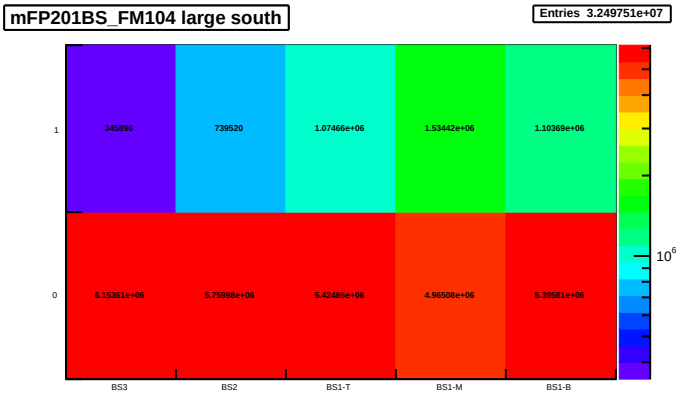

mFP201BSsim_FM101 small north
Entries 4479217
95
588
888
456
1.07808e+06
1.06762e+06
1.03158e+06
806901
493008
BS3
BS2
BS1-T
BS1-M
BS1-B

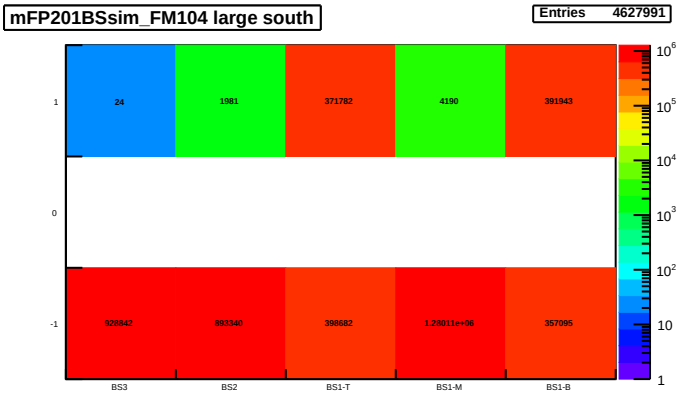

mFP201BS_FM102 small south
Entries 3.249751e+07
118970
233704
354909
280414
150246
6.38053e+06
6.2658e+06
6.14459e+06
6.21909e+06
6.34926e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

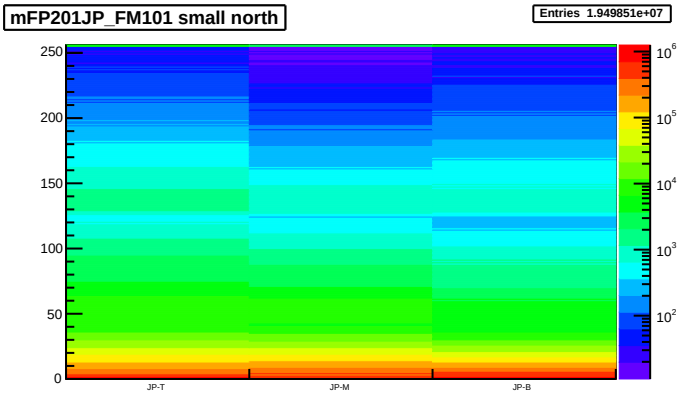

mFP201BSsim_FM102 small south
Entries 3415063
168
1495
1189
487
657378
716214
615850
674023
748259
BS3
BS2
BS1-T
BS1-M
BS1-B

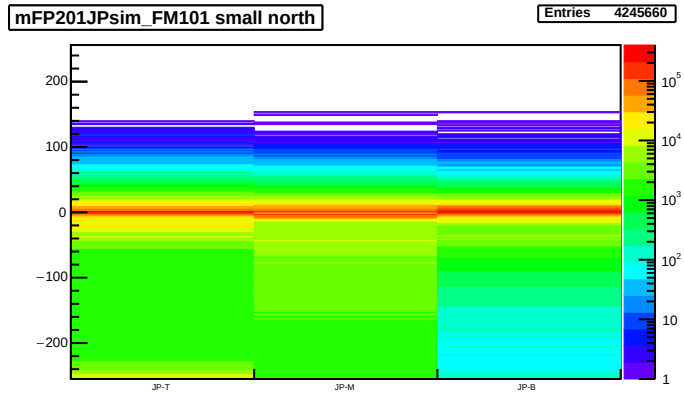

mFP201BS_FM103 large north
Entries 3.249751e+07
275536
628912
1.0342e+06
1.30305e+06
1.10867e+06
6.22397e+06
5.87059e+06
5.4653e+06
5.19645e+06
5.39083e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

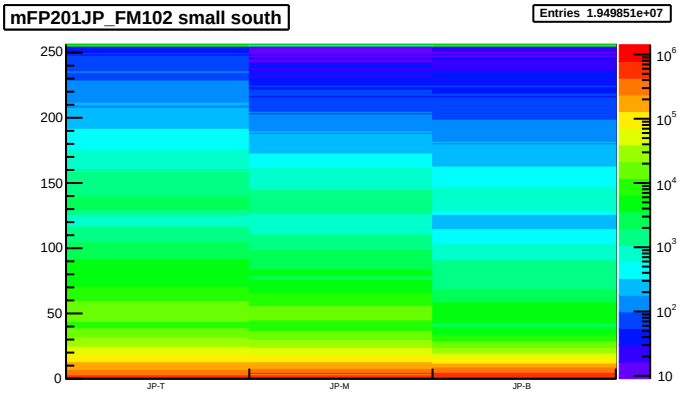

mFP201BSsim_FM103 large north
Entries 4420806
19
1430
351559
2031
401818
874574
905011
194553
1.3363e+06
353512
BS3
BS2
BS1-T
BS1-M
BS1-B

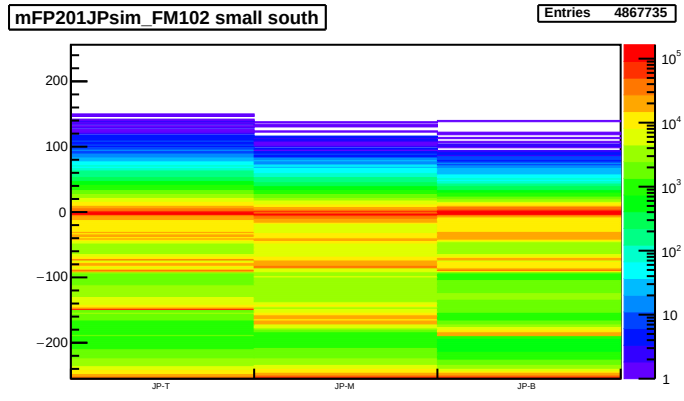

mFP201BS_FM104 large south
Entries 3.249751e+07
345896
739520
1.07466e+06
1.53442e+06
1.10369e+06
6.15361e+06
5.75998e+06
5.42485e+06
4.96508e+06
5.39581e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

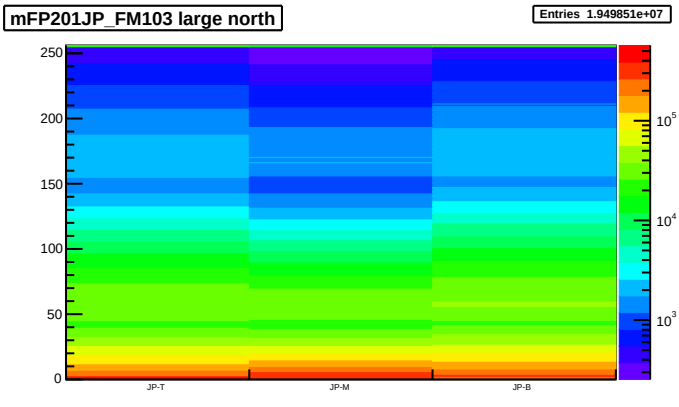

mFP201BSsim_FM104 large south
Entries 4627991
24
1981
371782
4190
391943
928842
893340
398682
1.28011e+06
357095
BS3
BS2
BS1-T
BS1-M
BS1-B

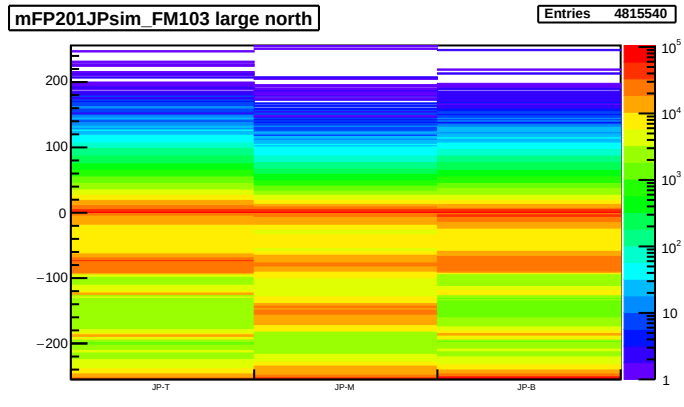

mFP201JP_FM101 small north
Entries 1.949851e+07
JP-T
JP-M
JP-B

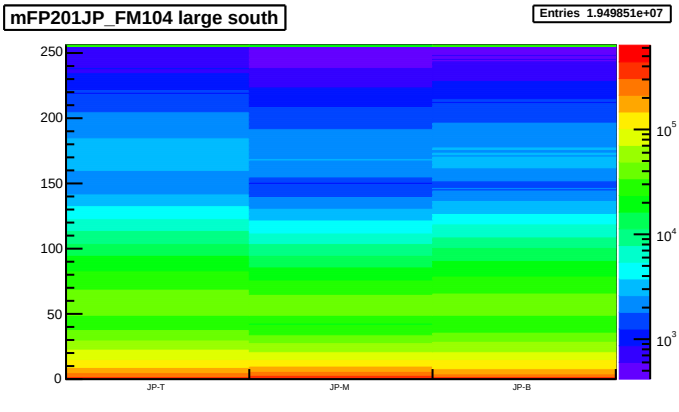

mFP201JPsim_FM101 small north
Entries 4245660
JP-T
JP-M
JP-B

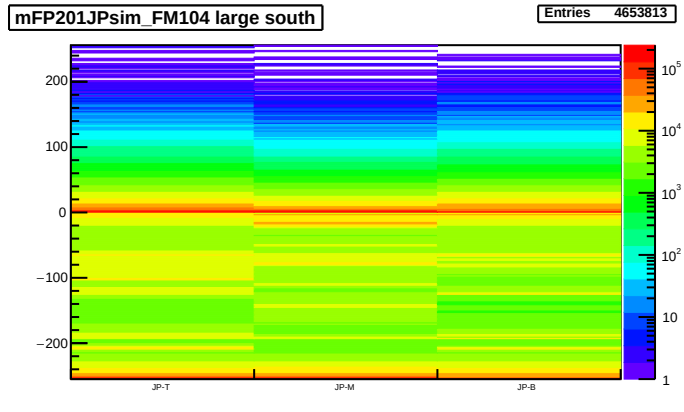

mFP201JP_FM102 small south
Entries 1.949851e+07
JP-T
JP-M
JP-B

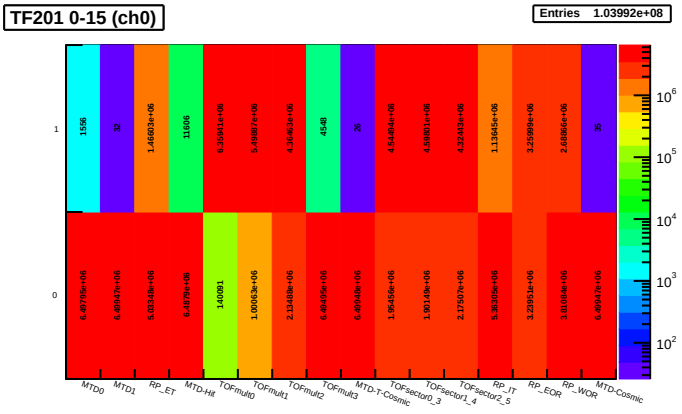

mFP201JPsim_FM102 small south
Entries 4867735
JP-T
JP-M
JP-B

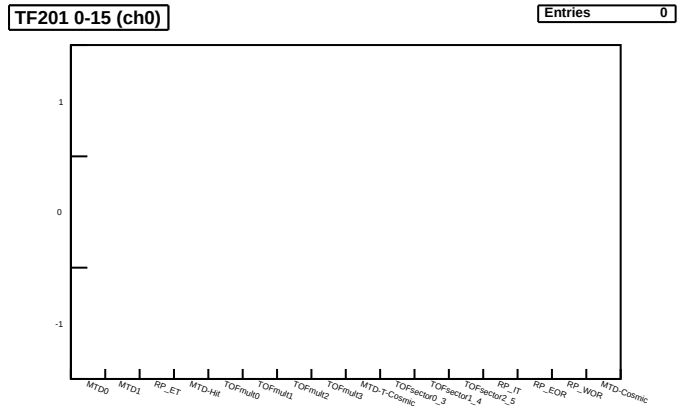

mFP201JP_FM103 large north
Entries 1.949851e+07
JP-T
JP-M
JP-B

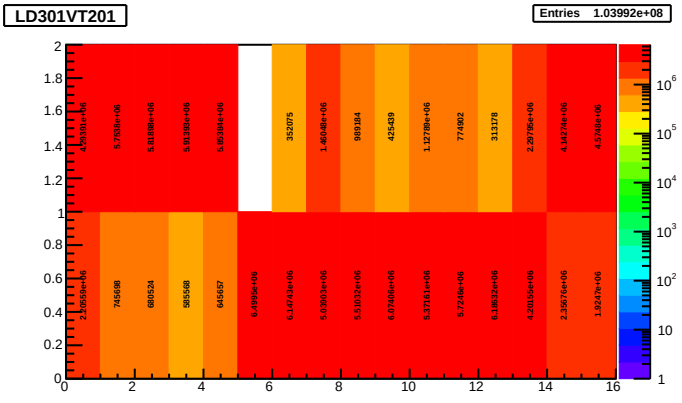

mFP201JPsim_FM103 large north
Entries 4815540
JP-T
JP-M
JP-B

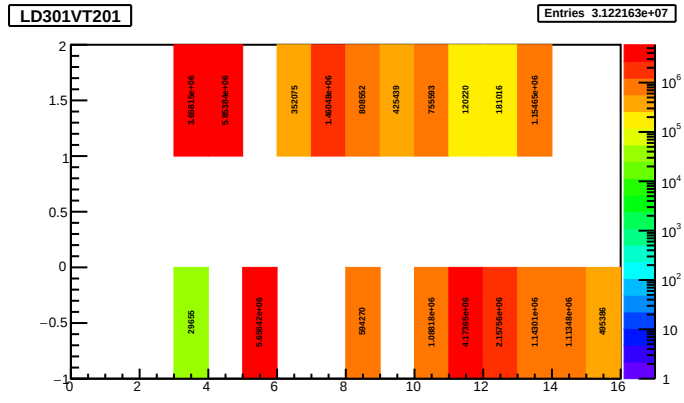

mFP201JP_FM104 large south
Entries 1.949851e+07
JP-T
JP-M
JP-B

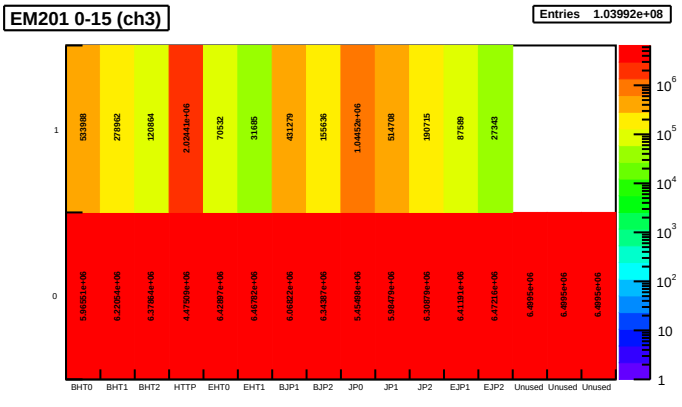

mFP201JPsim_FM104 large south
Entries 4653813
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.03992e+08
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 1.03992e+08


LD301VT201
Entries 3.122163e+07


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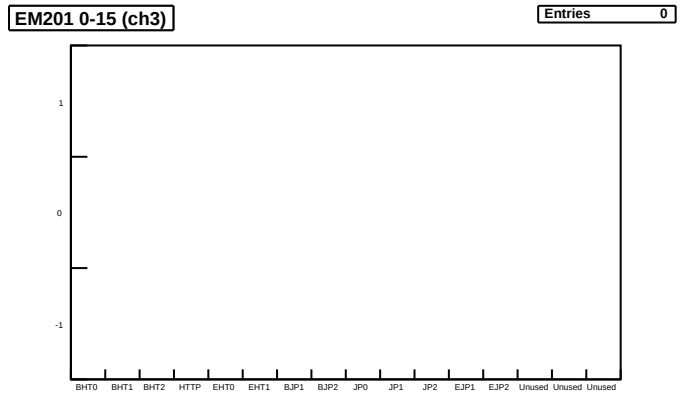
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused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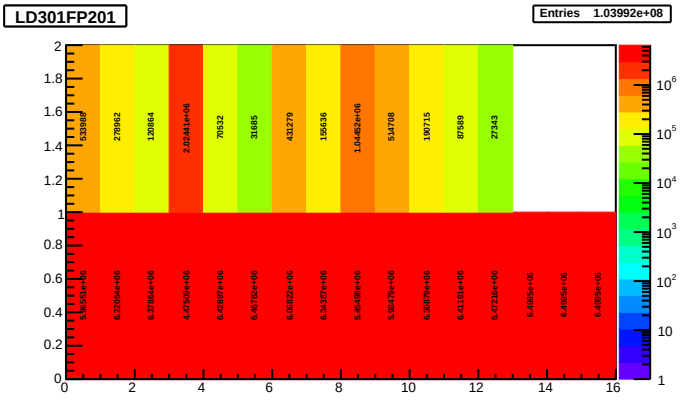
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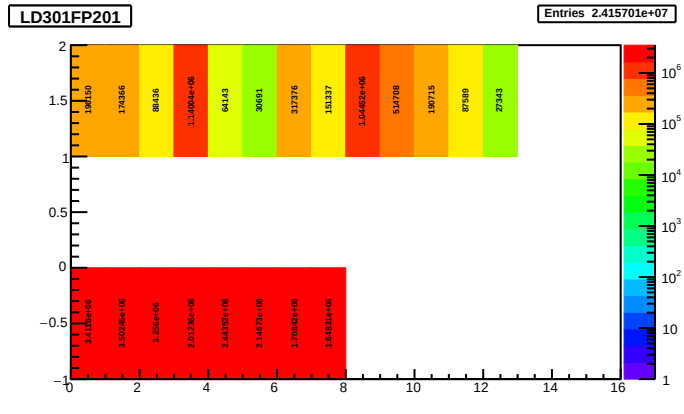
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