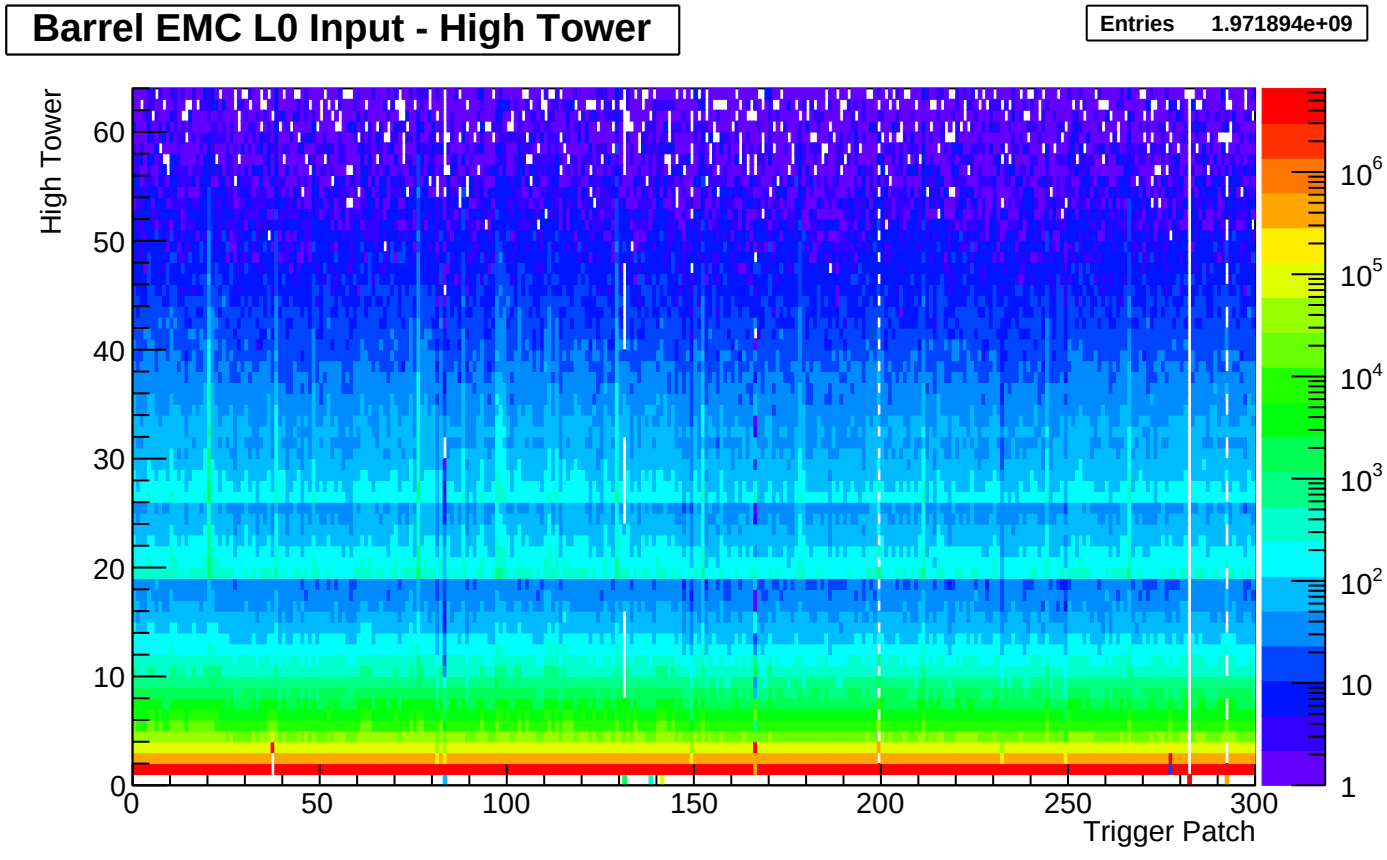
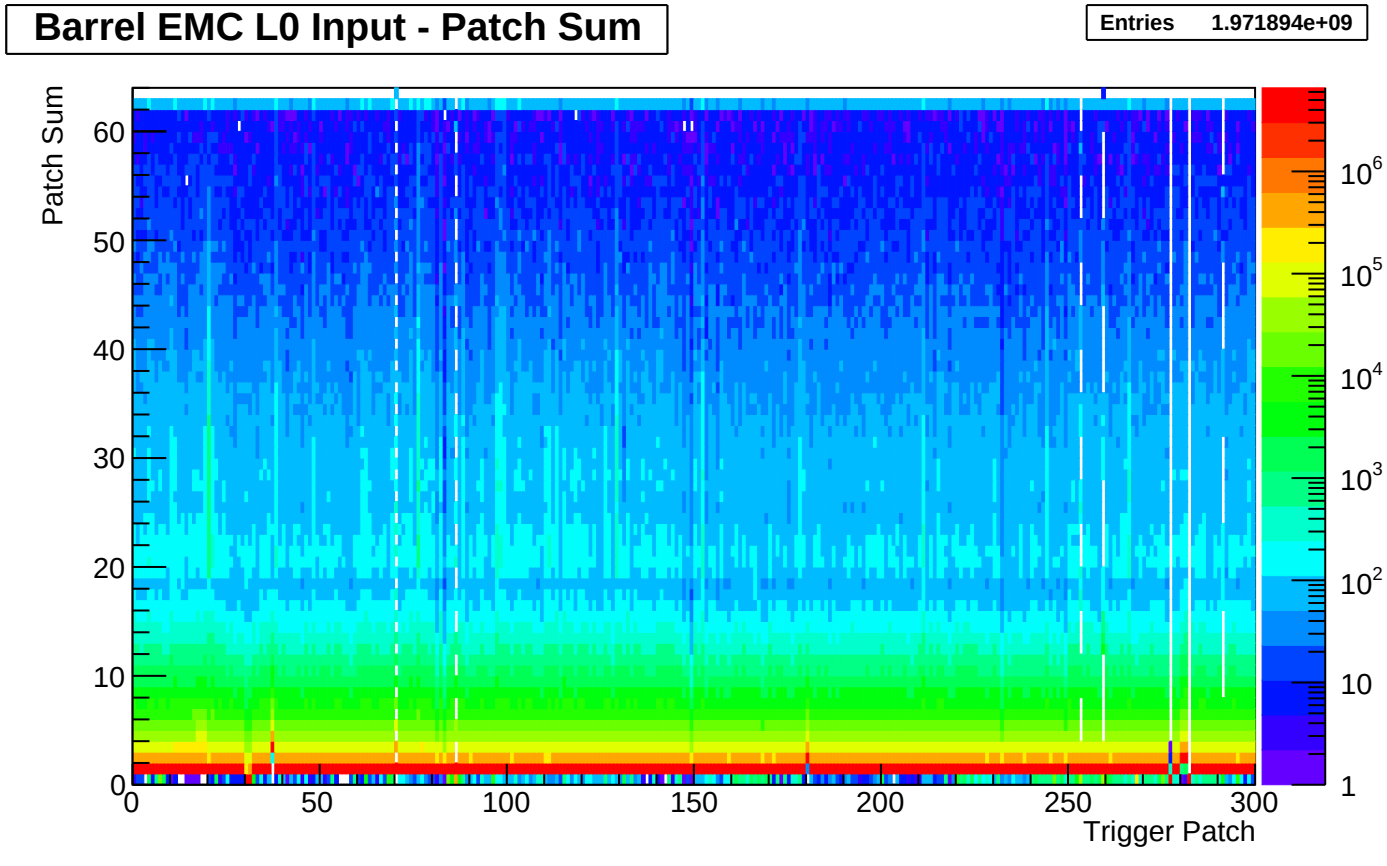
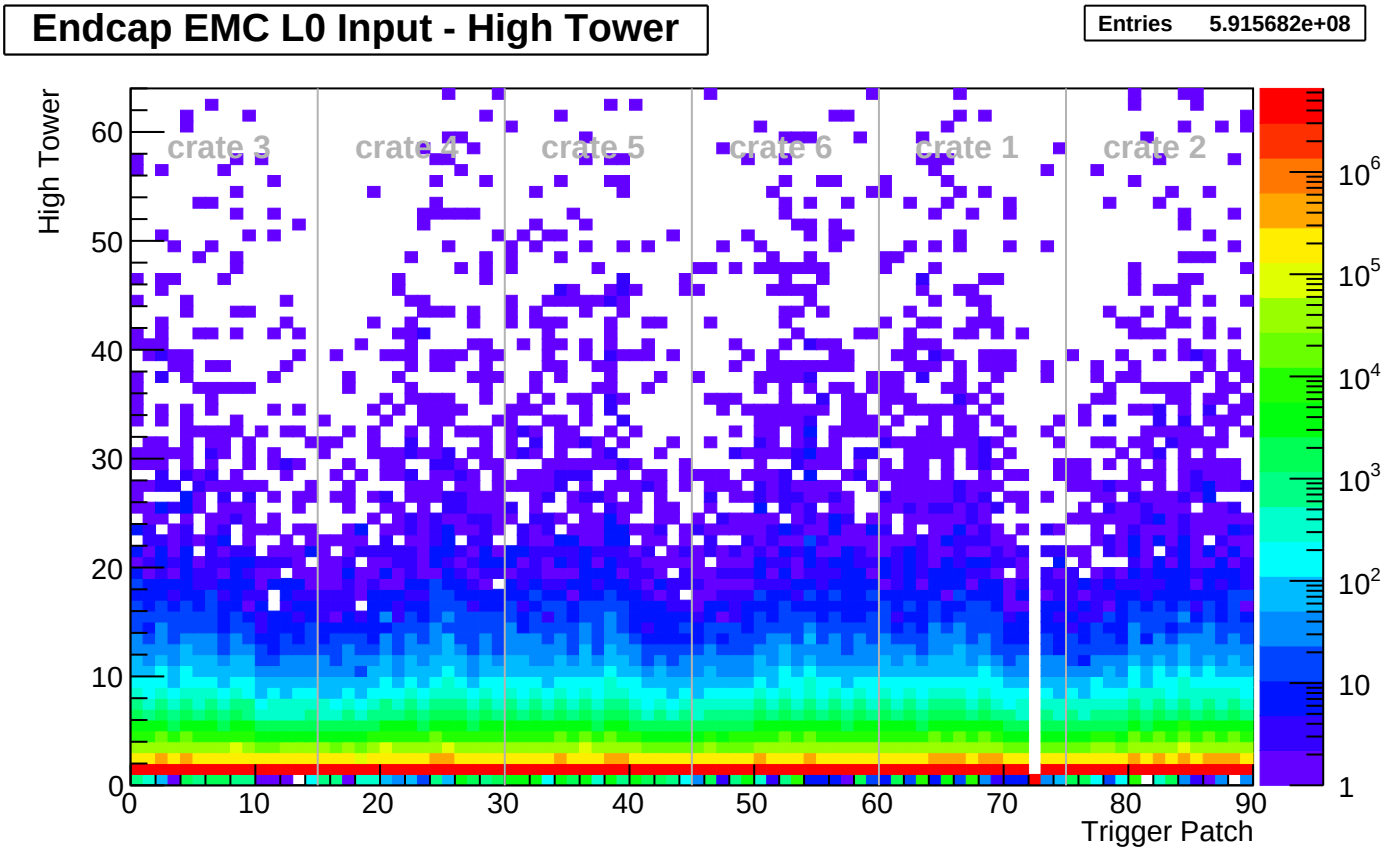
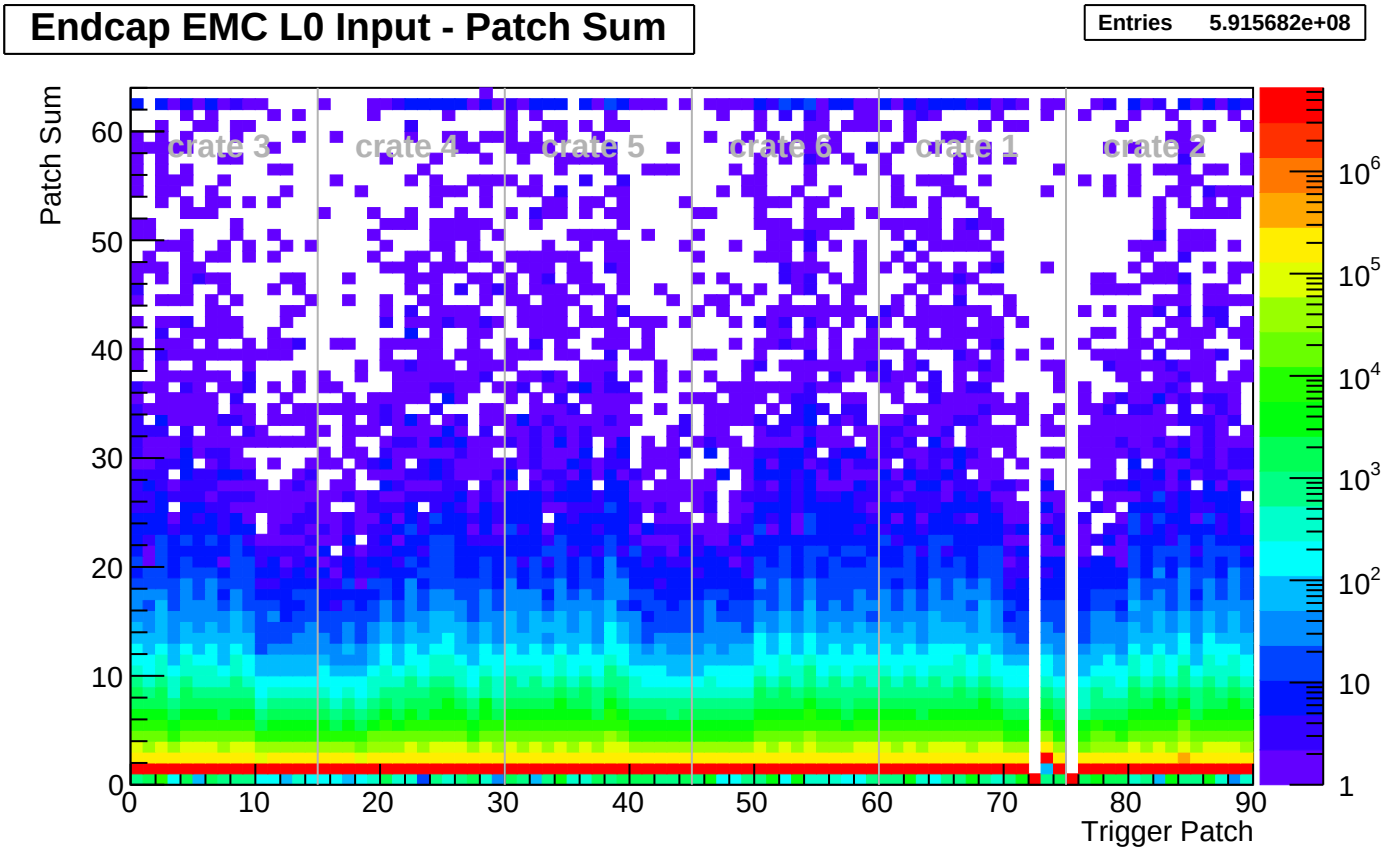
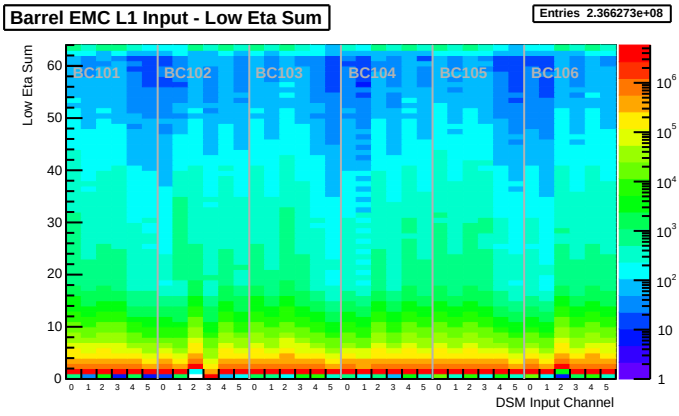
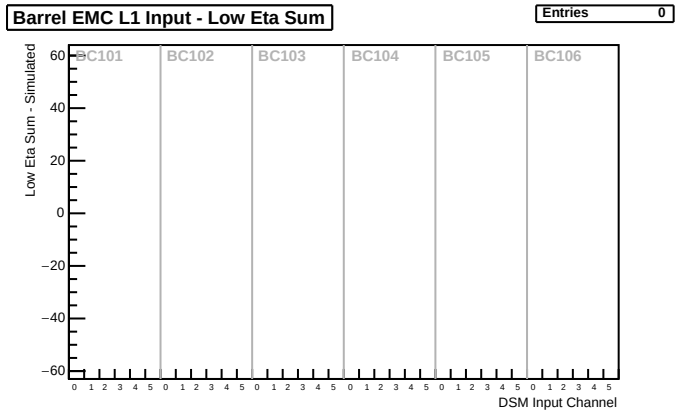

Barrel EMC L0 Input - High Tower
Entries 1.971894e+09
High Tower
Trigger Patch

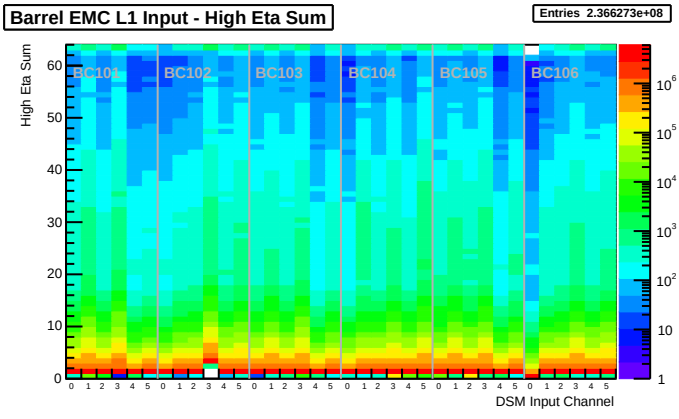

Barrel EMC L0 Input - Patch Sum
Entries 1.971894e+09
Patch Sum
Trigger Patch

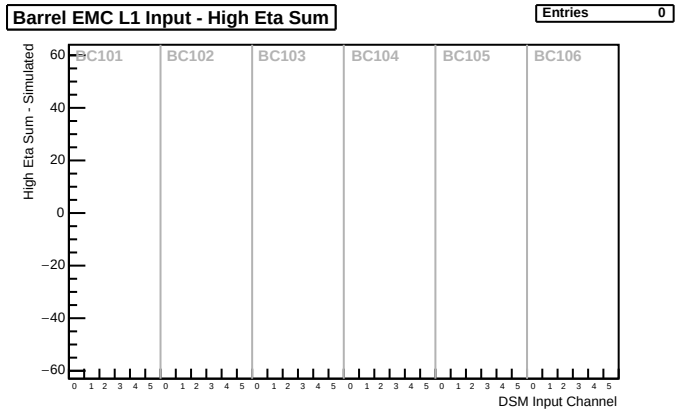

Endcap EMC L0 Input - High Tower
Entries 5.915682e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

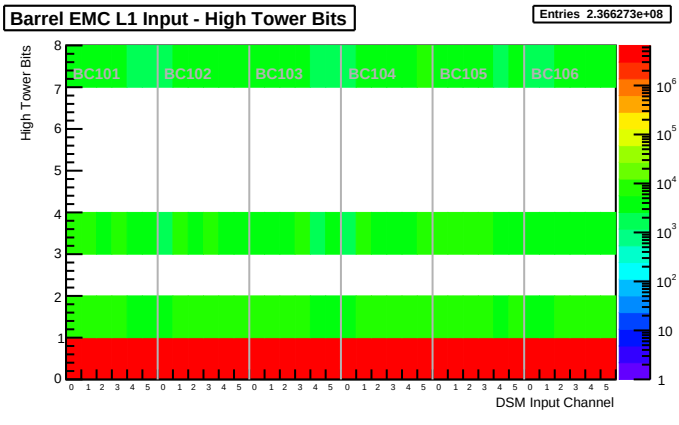

Endcap EMC L0 Input - Patch Sum
Entries 5.915682e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

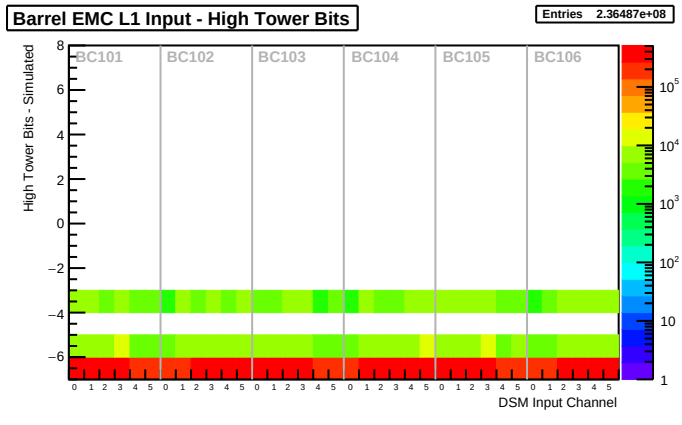

Barrel EMC L1 Input - Low Eta Sum
Entries 2.366273e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

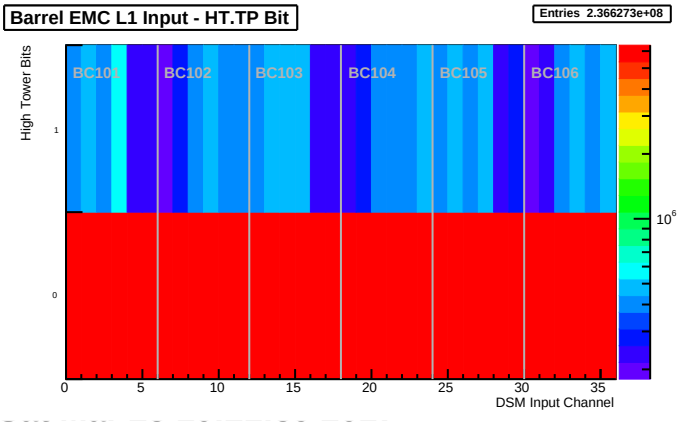

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

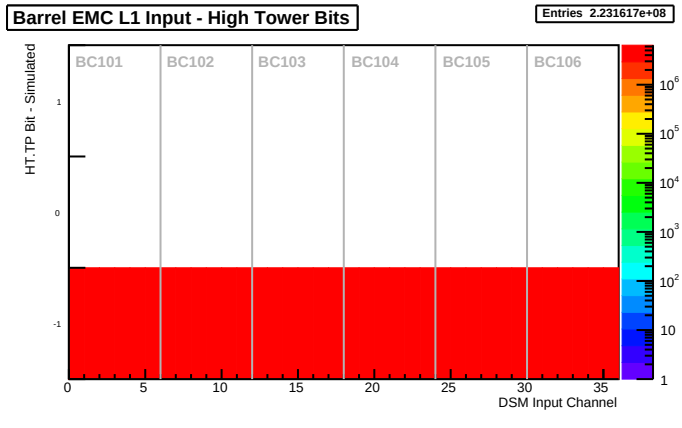

Barrel EMC L1 Input - High Eta Sum
Entries 2.366273e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

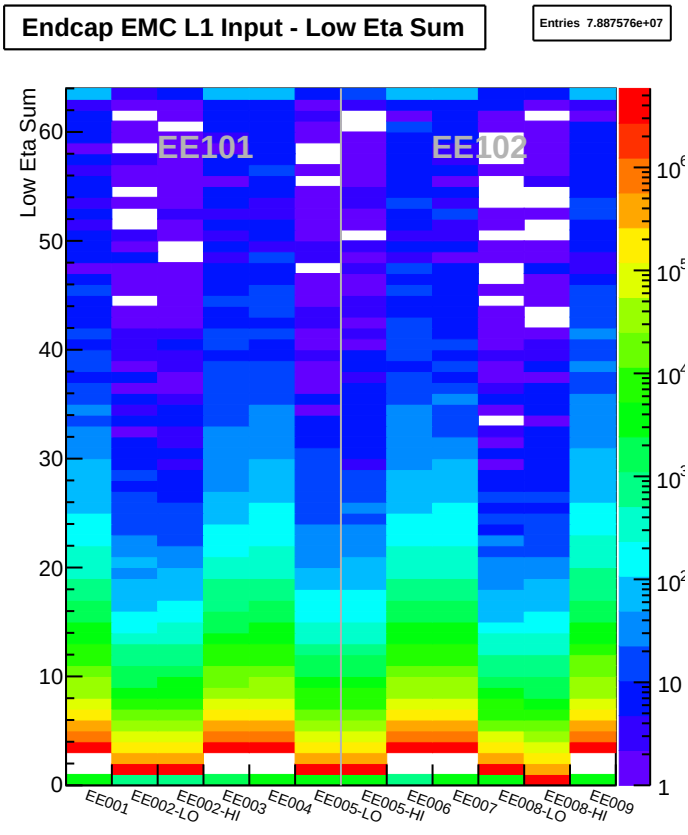

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

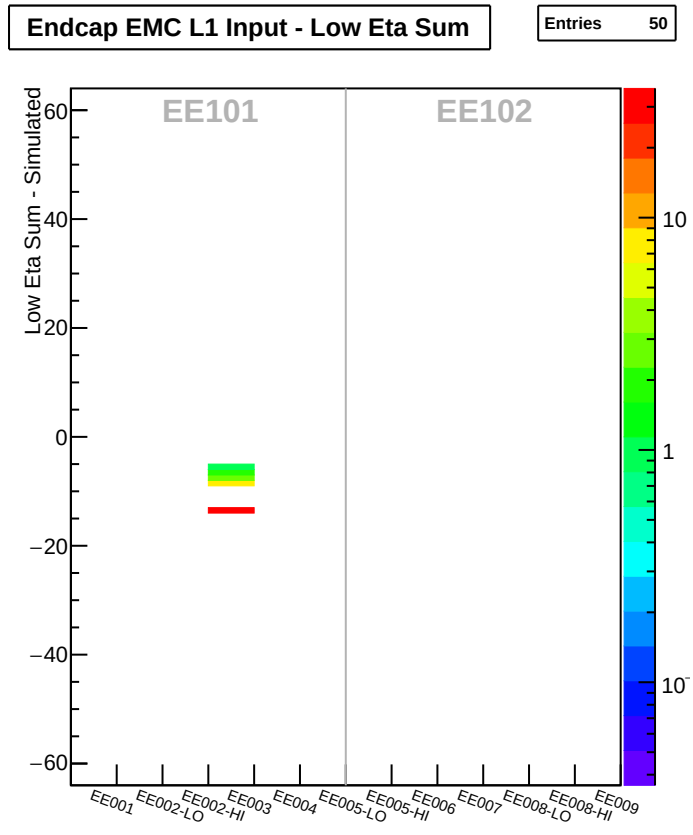

Barrel EMC L1 Input - High Tower Bits
Entries 2.366273e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

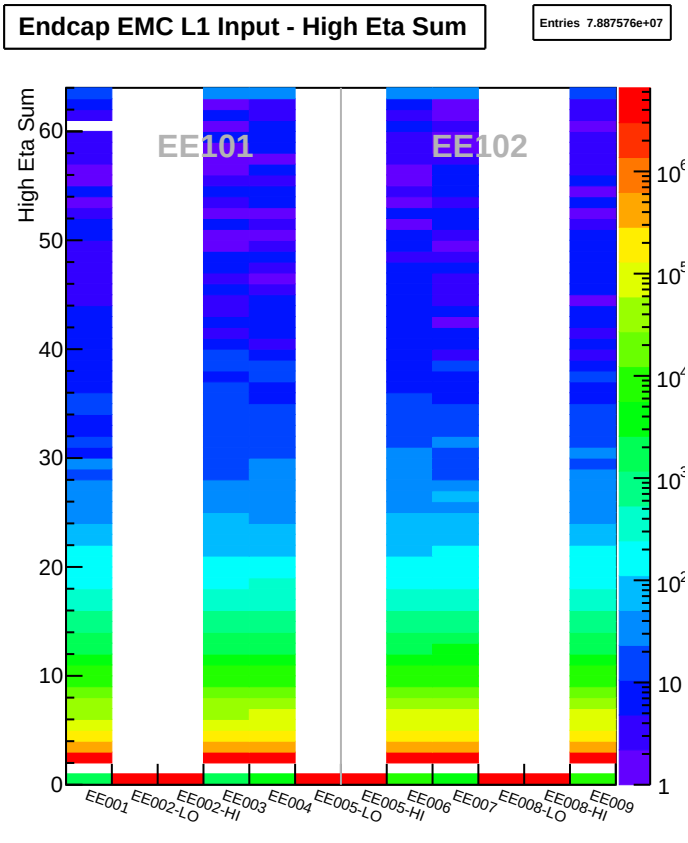

Barrel EMC L1 Input - High Tower Bits
Entries 2.36487e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

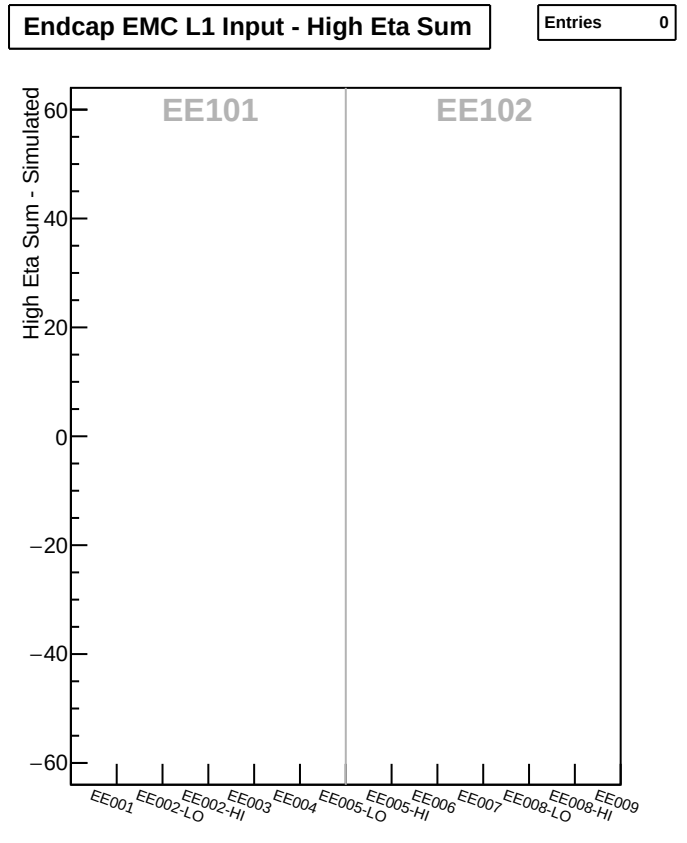

Barrel EMC L1 Input - HT.TP Bit
Entries 2.366273e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

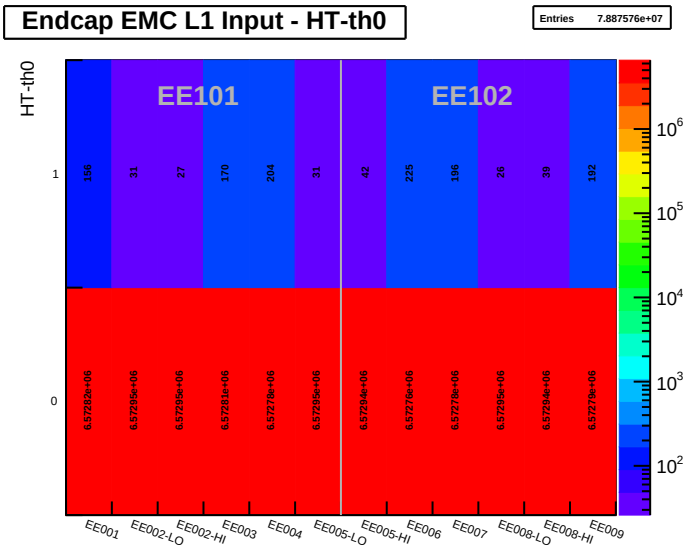

Barrel EMC L1 Input - High Tower Bits
Entries 2.231617e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

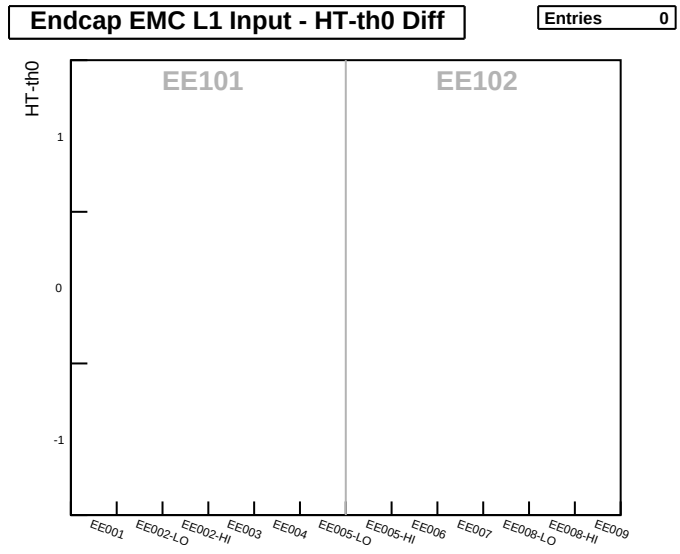

Endcap EMC L1 Input - Low Eta Sum
Entries 7.887576e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

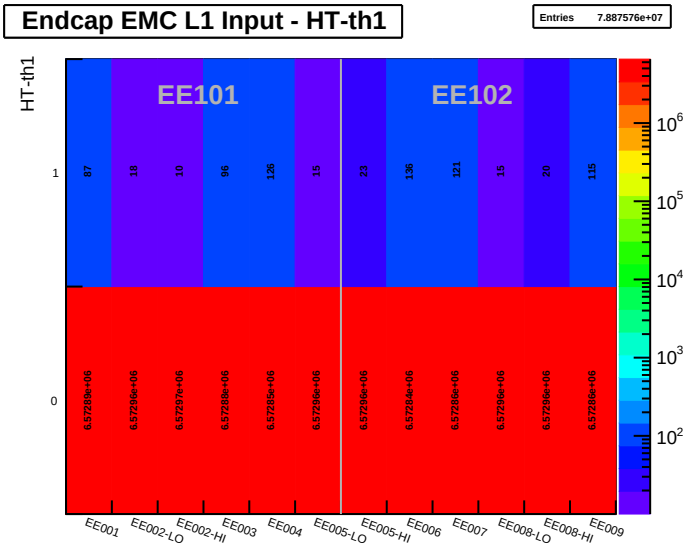

Endcap EMC L1 Input - Low Eta Sum
Entries 50
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

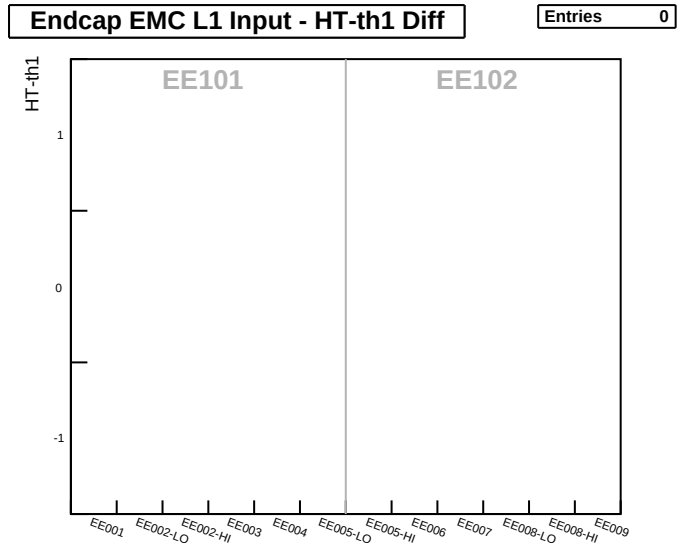

Endcap EMC L1 Input - High Eta Sum
Entries 7.887576e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

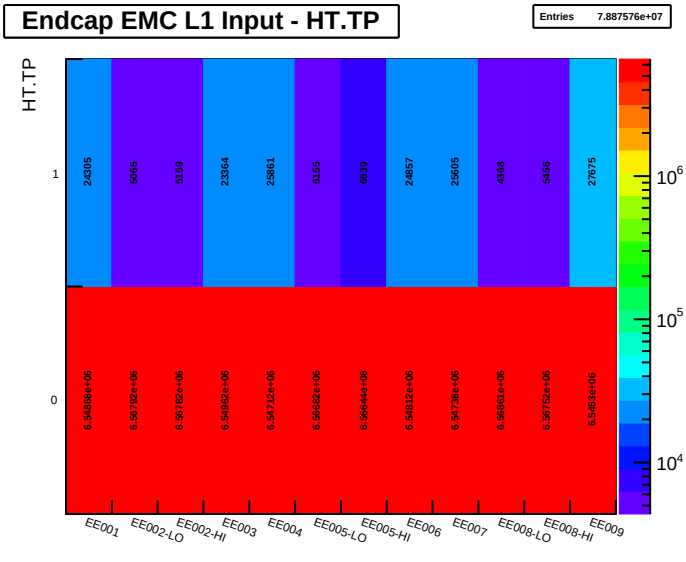

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

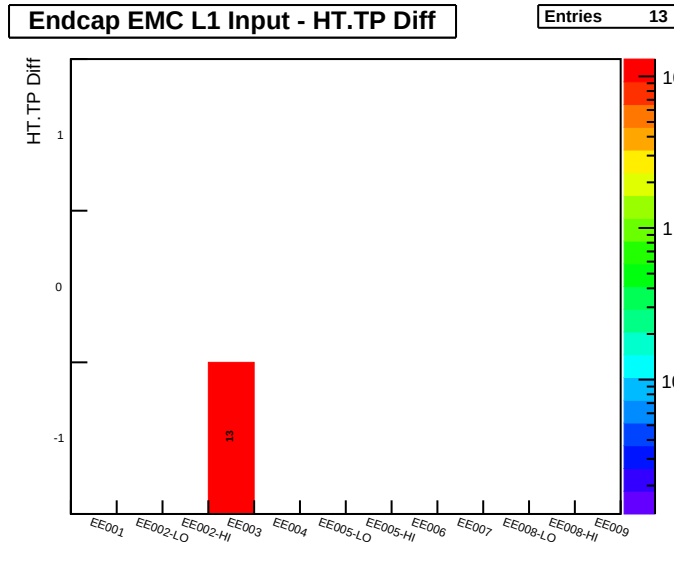

Endcap EMC L1 Input - HT-th0
Entries 7.887576e+07
HT-th0
EE101
EE102
1
0
156 31 27 170 204 31 42 225 196 26 39 192
6.57282e+06 6.57295e+06 6.57295e+06 6.57281e+06 6.57278e+06 6.57295e+06 6.57294e+06 6.57276e+06 6.57279e+06 6.57295e+06 6.57294e+06 6.57279e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3 10^2

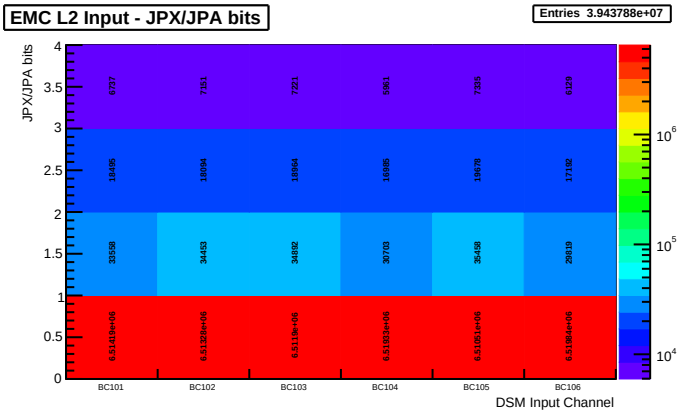

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

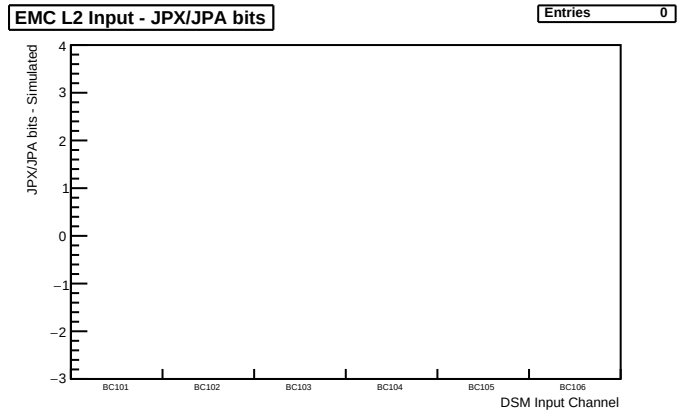

Endcap EMC L1 Input - HT-th1
Entries 7.887576e+07
HT-th1
EE101
EE102
1
0
87 18 10 96 126 15 23 136 121 15 20 115
6.57289e+06 6.57296e+06 6.57297e+06 6.57298e+06 6.57285e+06 6.57296e+06 6.57296e+06 6.57284e+06 6.57296e+06 6.57296e+06 6.57296e+06 6.57286e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3 10^2

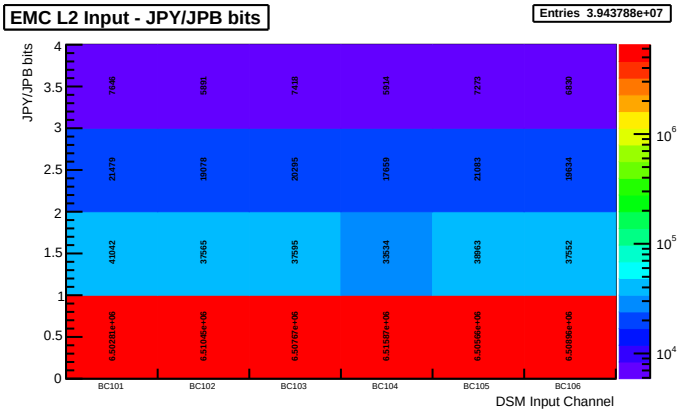

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

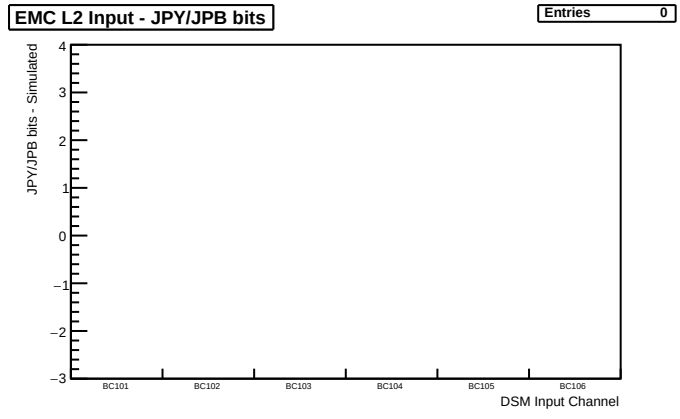

Endcap EMC L1 Input - HT.TP
Entries 7.887576e+07
HT.TP
1
0
24305 5065 5159 23364 25861 6155 6539 24857 25505 4368 5456 27675
6.54868e+06 6.56792e+06 6.56782e+06 6.54982e+06 6.54712e+06 6.56682e+06 6.56644e+06 6.54812e+06 6.54738e+06 6.56861e+06 6.56752e+06 6.5453e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4

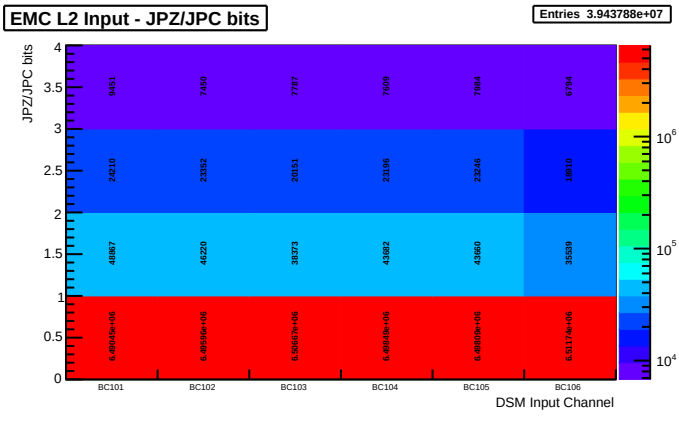

Endcap EMC L1 Input - HT.TP Diff
Entries 13
HT.TP Diff
1
0
-1
13
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

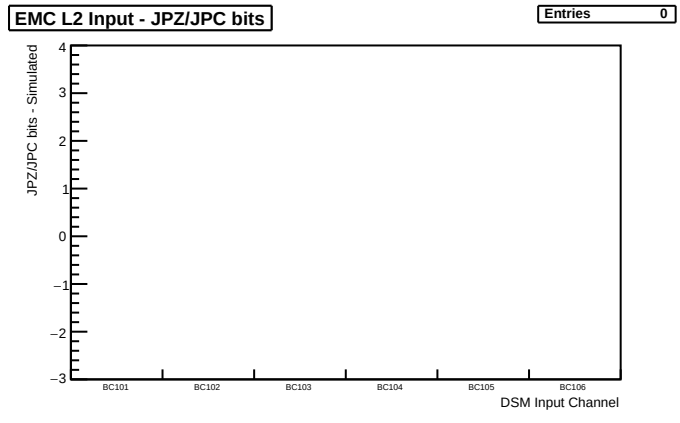

EMC L2 Input - JPX/JPA bits
Entries 3.943788e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
6727
7151
7221
5961
7335
6129
18485
18094
18964
16985
19678
17132
33358
34453
34482
30703
35458
28919
6.51419e+06
6.51328e+06
6.51119e+06
6.51932e+06
6.51091e+06
6.51984e+06

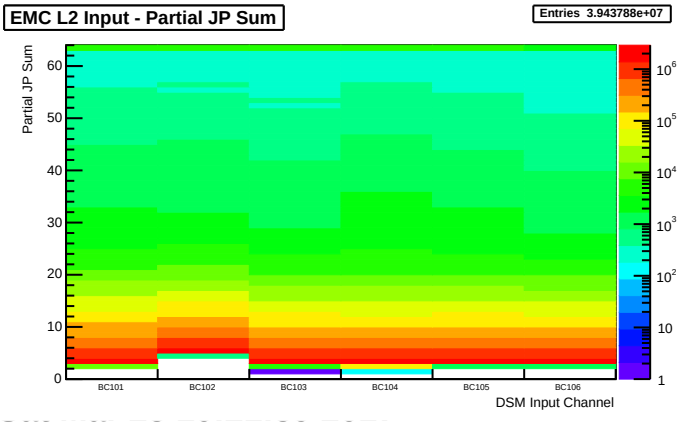

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

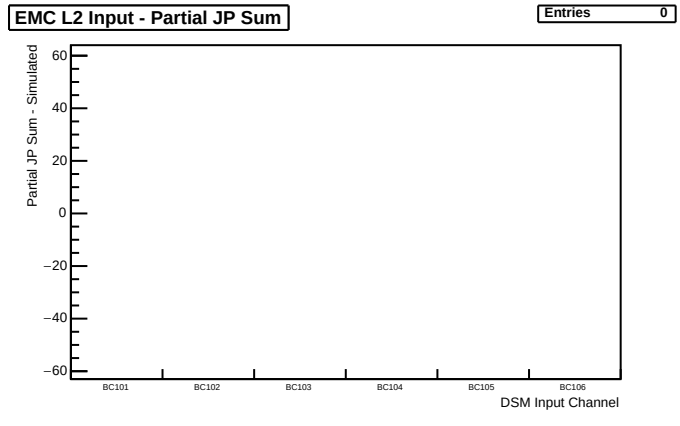

EMC L2 Input - JPY/JPB bits
Entries 3.943788e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7546
5891
7418
5914
7273
6830
21479
19078
20295
17659
21083
19634
41042
37565
37595
35314
38863
37552
6.50281e+06
6.51049e+06
6.50767e+06
6.51597e+06
6.50566e+06
6.50809e+06

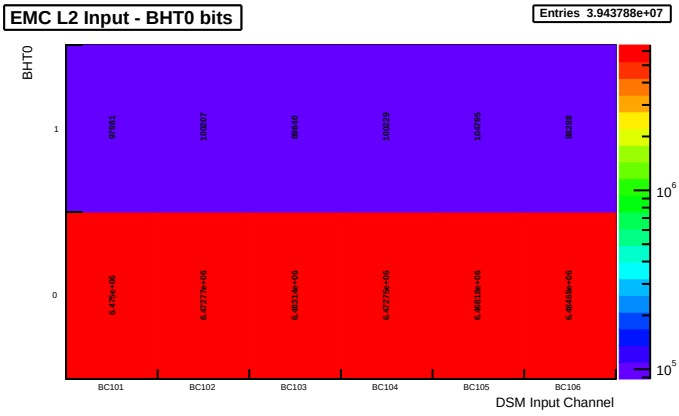

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

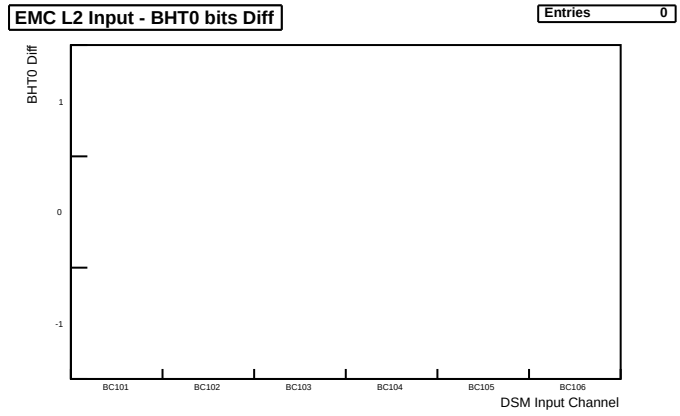

EMC L2 Input - JPZ/JPC bits
Entries 3.943788e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9451
7459
7787
7609
7984
6704
24210
23352
20151
23196
23246
18810
48987
46220
38373
43682
43660
35539
6.49045e+06
6.49596e+06
6.50667e+06
6.49949e+06
6.49899e+06
6.51174e+06

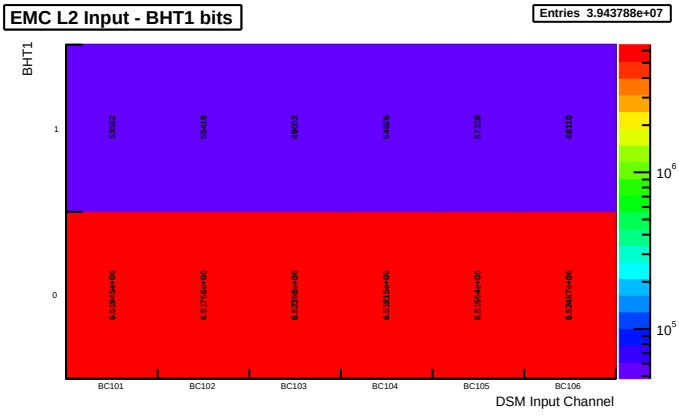

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

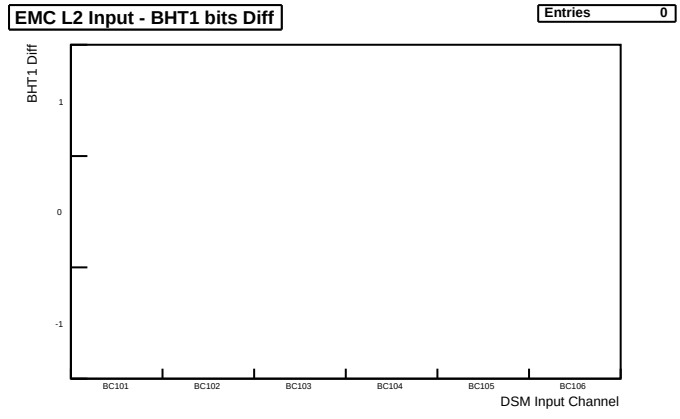

EMC L2 Input - Partial JP Sum
Entries 3.943788e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

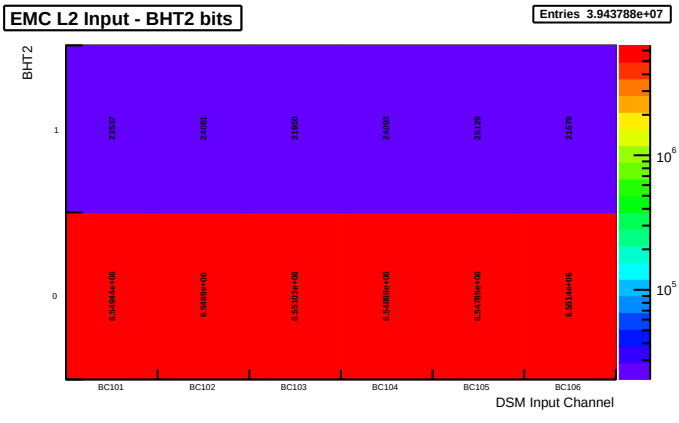

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

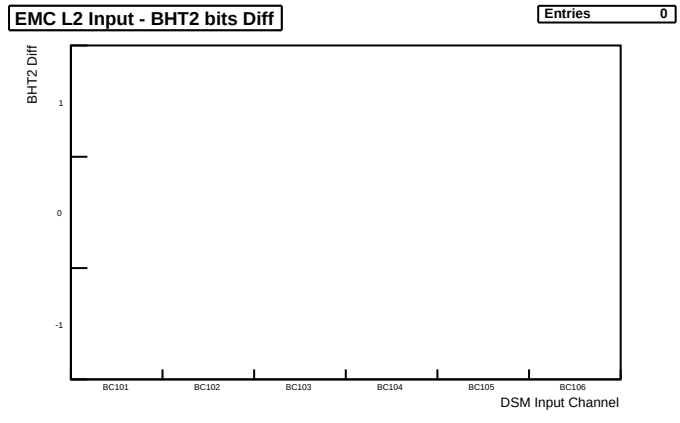

EMC L2 Input - BHT0 bits
Entries 3.943788e+07
BHT0
1
0
97931
100207
98940
100229
104795
98288
6.475e+06
6.47277e+06
6.48314e+06
6.47275e+06
6.48318e+06
6.48469e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

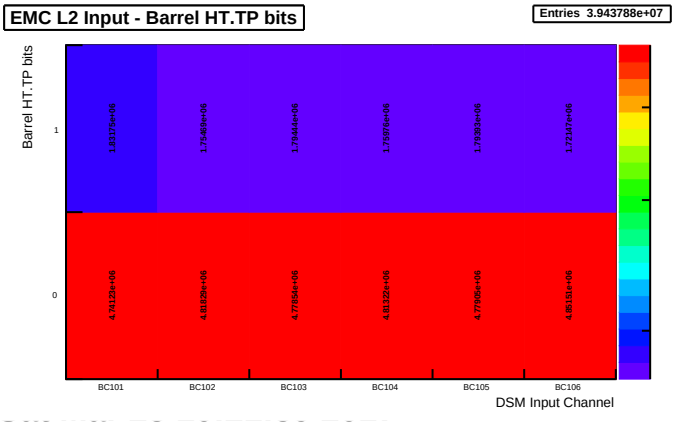

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

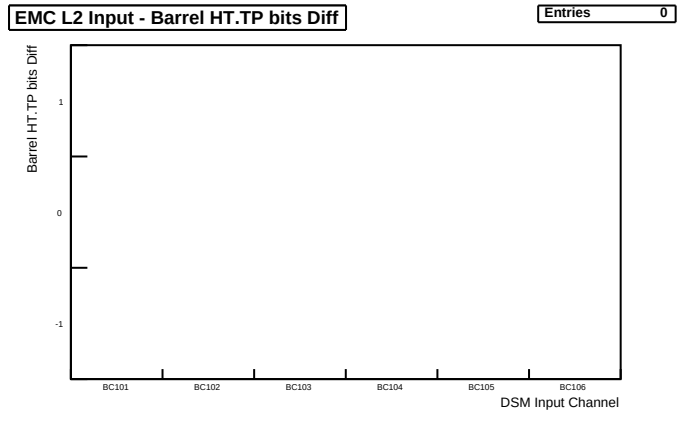

EMC L2 Input - BHT1 bits
Entries 3.943788e+07
BHT1
1
0
53532
55418
49002
54826
57338
48110
6.51945e+06
6.51756e+06
6.52398e+06
6.51815e+06
6.51564e+06
6.52007e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

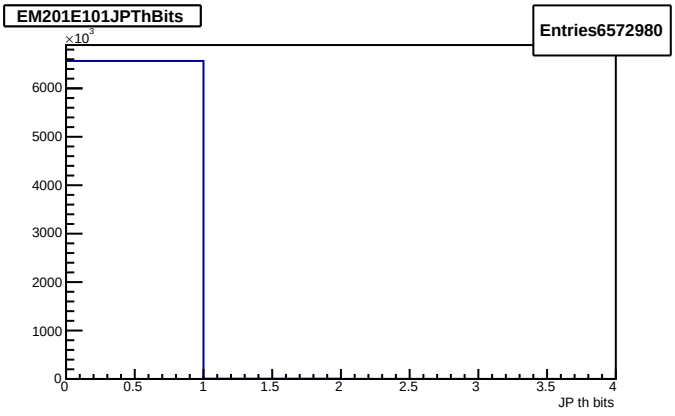

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

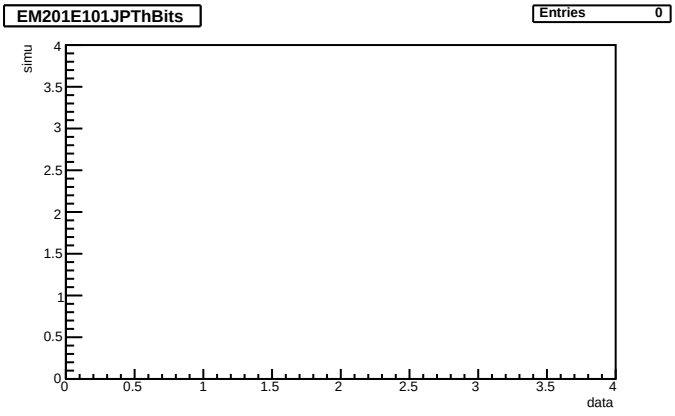

EMC L2 Input - BHT2 bits
Entries 3.943788e+07
BHT2
1
0
23537
24031
21950
24023
25129
21579
6.54944e+06
6.5489e+06
6.55103e+06
6.54889e+06
6.54785e+06
6.5514e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

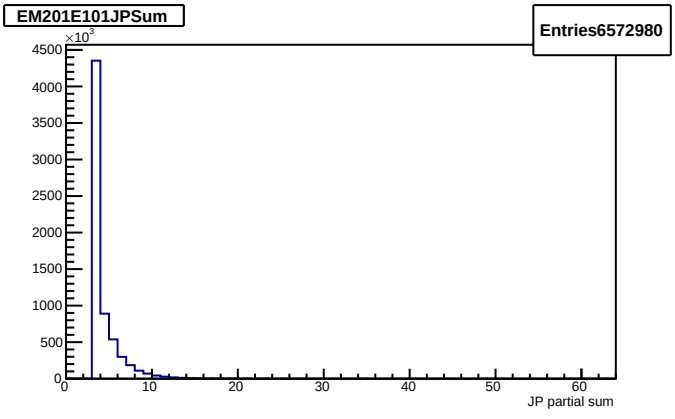

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

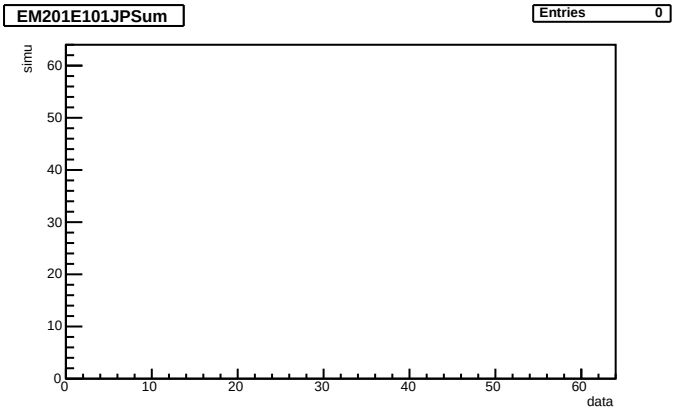

EMC L2 Input - Barrel HT.TP bits
Entries 3.943788e+07
Barrel HT.TP bits
1
0
1.83275e+06
1.75459e+06
1.79444e+06
1.75976e+06
1.79393e+06
1.72147e+06
4.74122e+06
4.81829e+06
4.77594e+06
4.81322e+06
4.77909e+06
4.85151e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

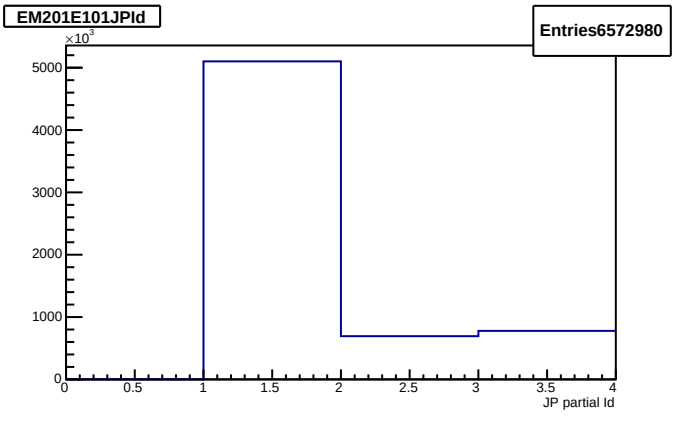

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

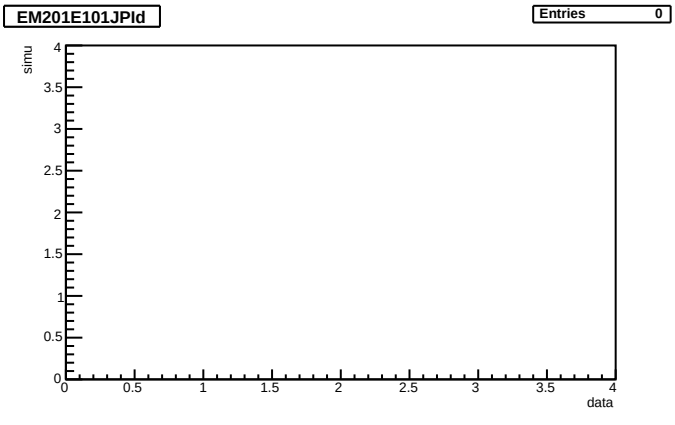

EM201E101JPThBits
Entries6572980
×10^3
JP th bits

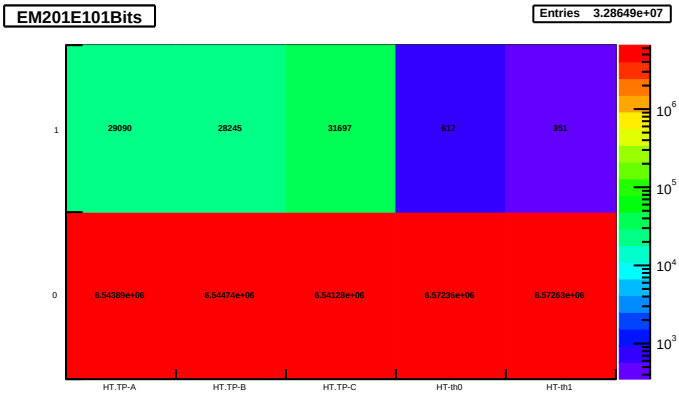

EM201E101JPThBits
Entries 0
simu
data

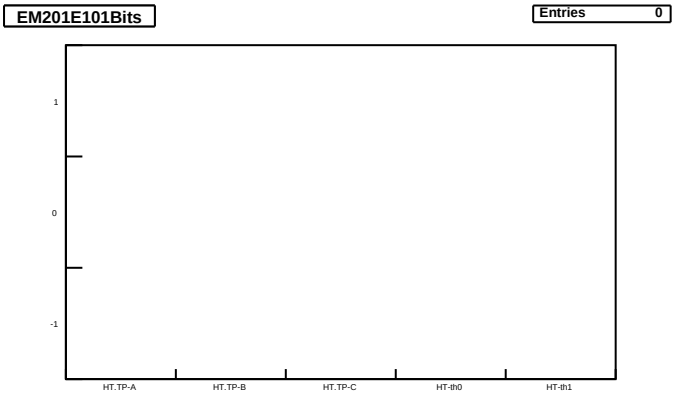

EM201E101JPSum
Entries6572980
×10^3
JP partial sum

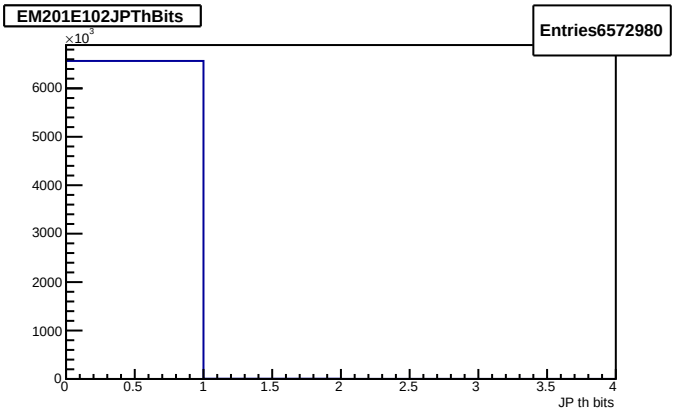

EM201E101JPSum
Entries 0
simu
data

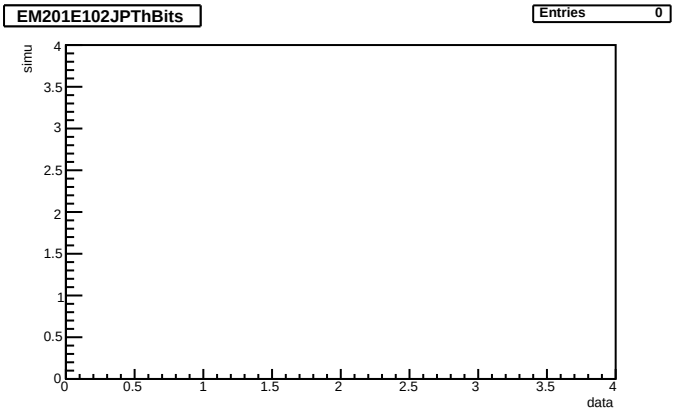

EM201E101JPId
Entries6572980
×10^3
JP partial Id

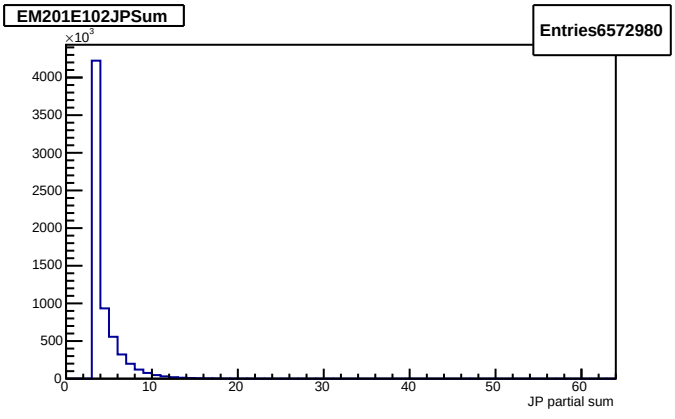

EM201E101JPId
Entries 0
simu
data

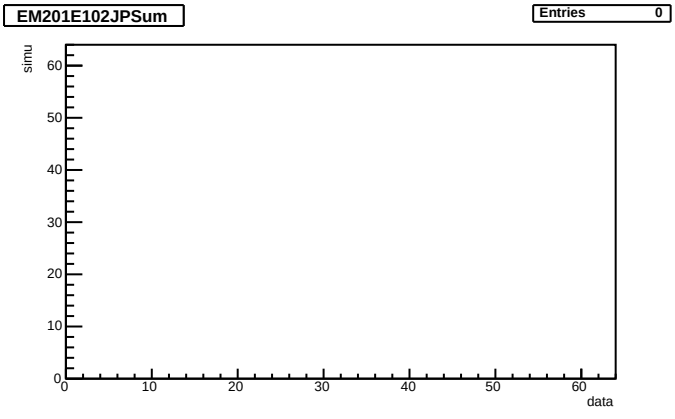

EM201E101Bits
Entries 3.28649e+07
29090
28245
31697
617
351
6.54389e+06
6.54474e+06
6.54128e+06
6.57236e+06
6.57263e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

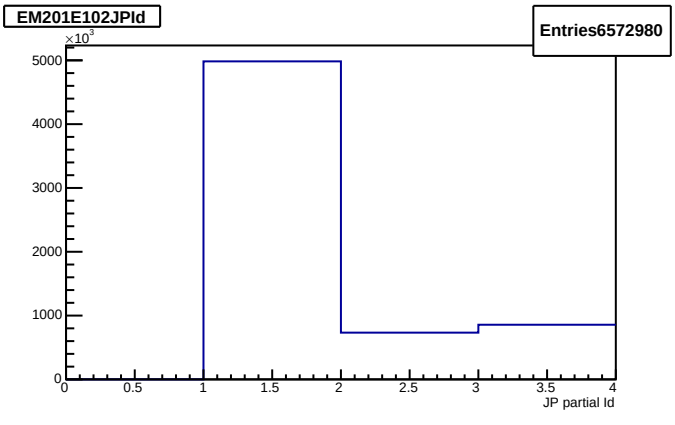

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

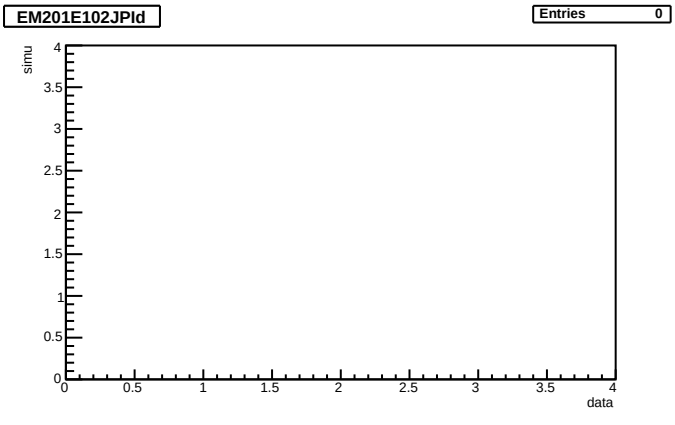

EM201E102JPThBits
Entries6572980
JP th bits

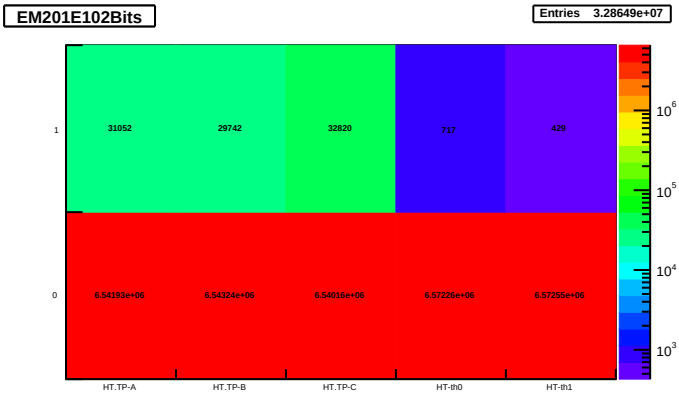

EM201E102JPThBits
Entries 0
simu
data

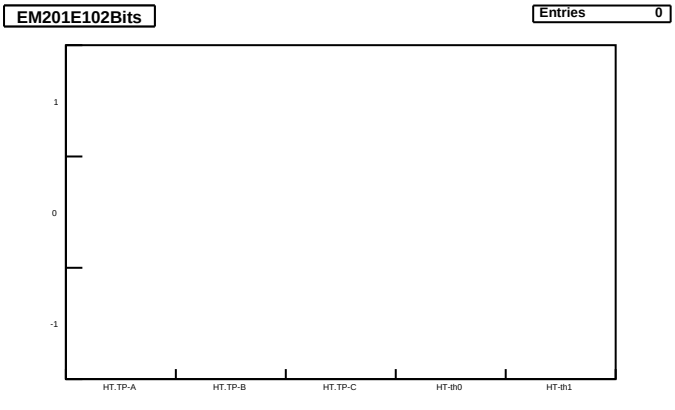

EM201E102JPSum
Entries6572980
JP partial sum

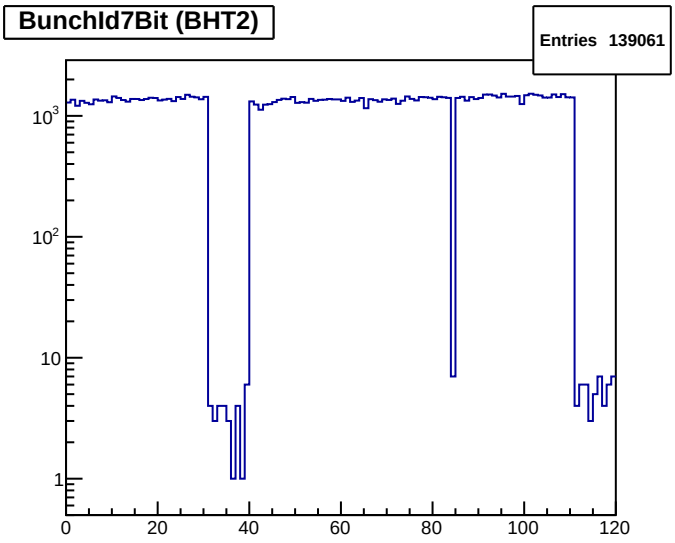

EM201E102JPSum
Entries 0
simu
data

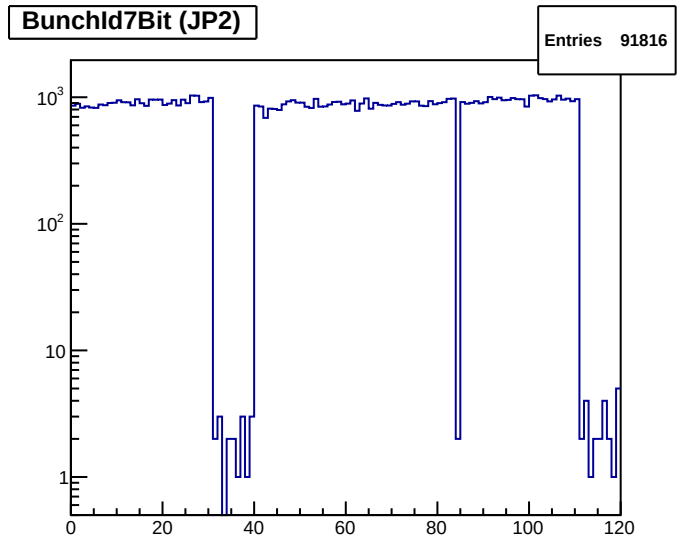

EM201E102JPId
Entries6572980
JP partial Id

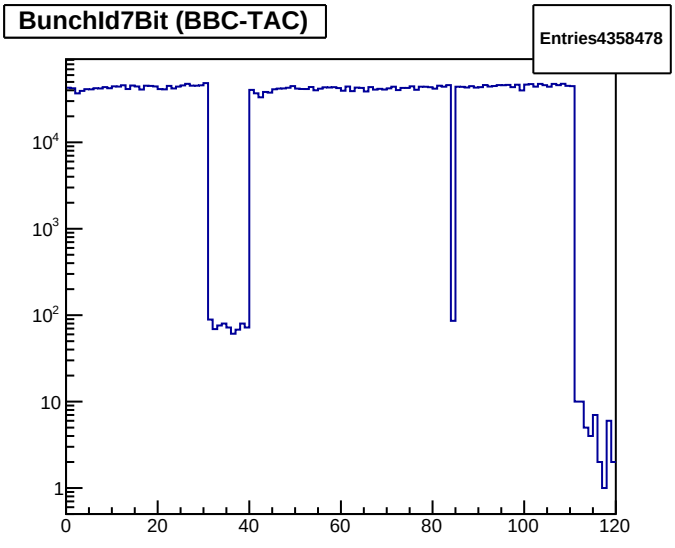

EM201E102JPId
Entries 0
simu
data

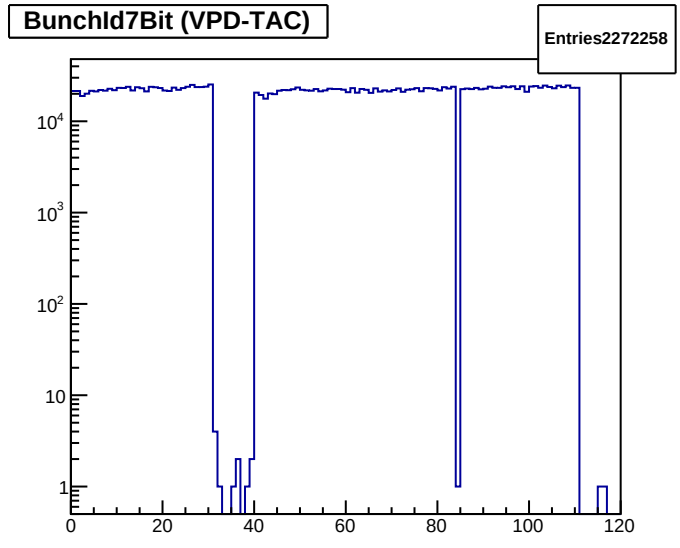

EM201E102Bits
Entries 3.28649e+07
31052
29742
32820
717
429
6.54193e+06
6.54324e+06
6.54016e+06
6.57226e+06
6.57255e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

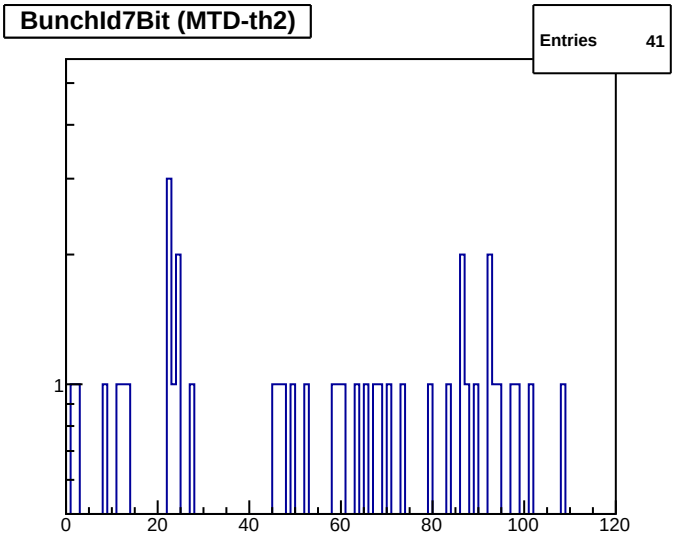

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

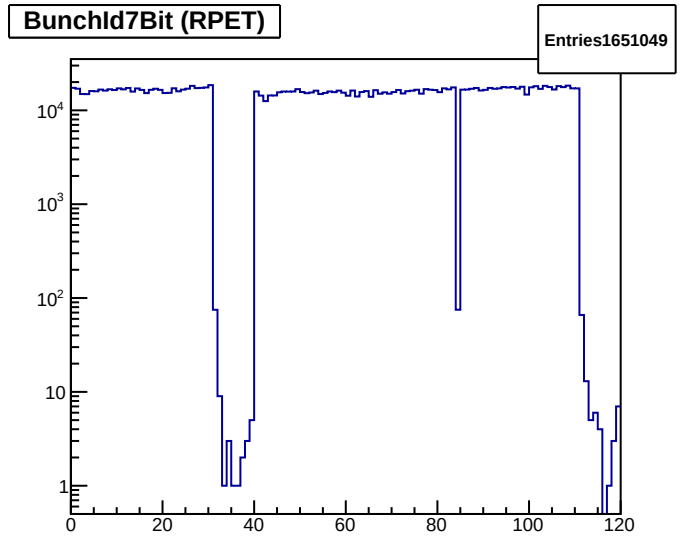

BunchId7Bit (BHT2)
Entries 139061

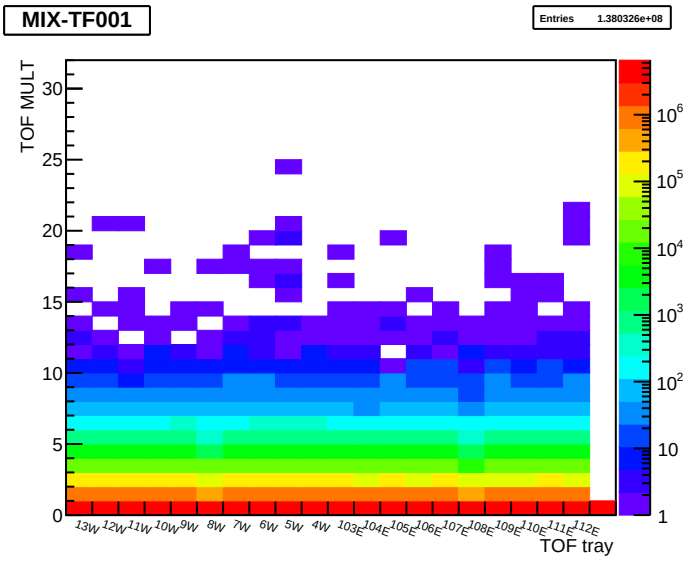

BunchId7Bit (JP2)
Entries 91816

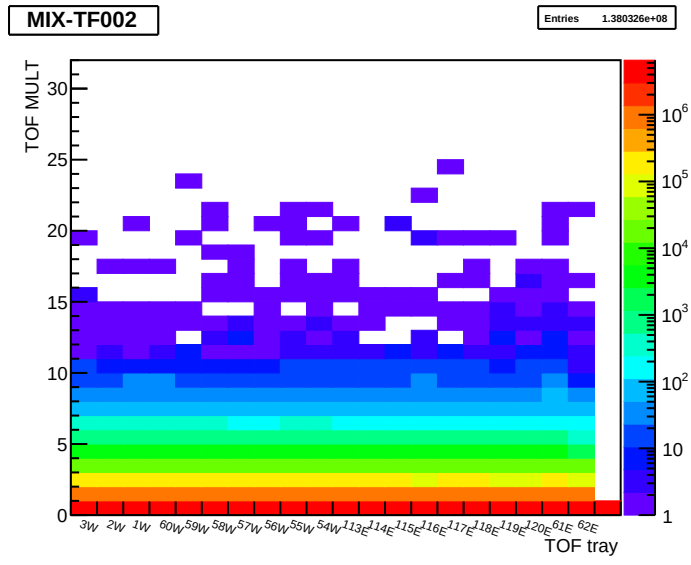

BunchId7Bit (BBC-TAC)
Entries4358478

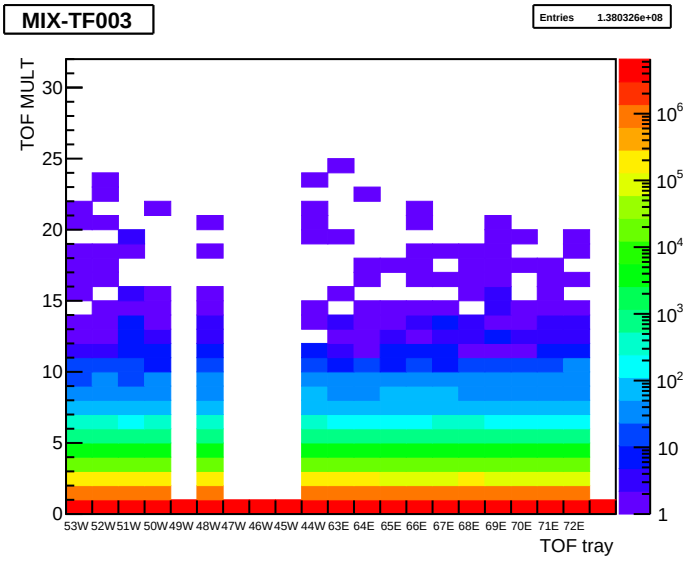

BunchId7Bit (VPD-TAC)
Entries2272258

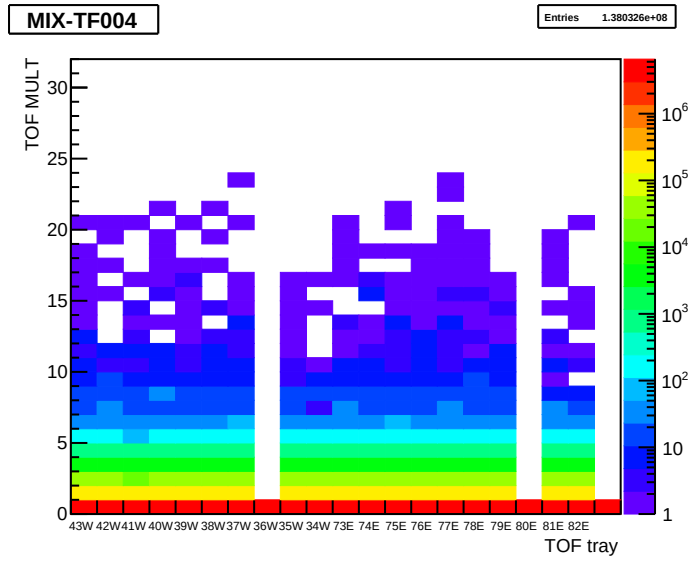

BunchId7Bit (MTD-th2)
Entries 41

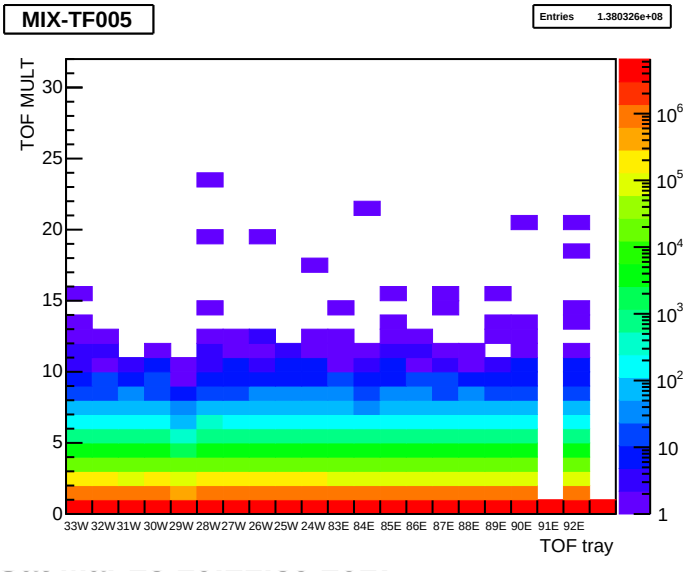

BunchId7Bit (RPET)
Entries1651049

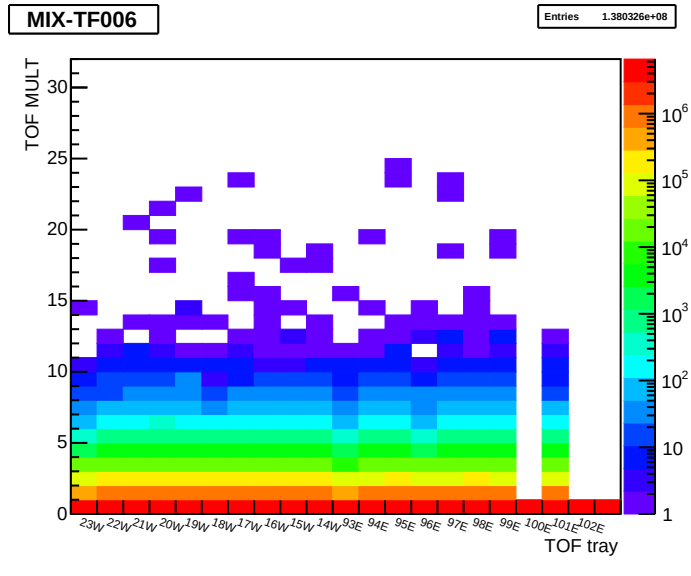

MIX-TF001
Entries 1.380326e+08
TOF MULT
TOF tray

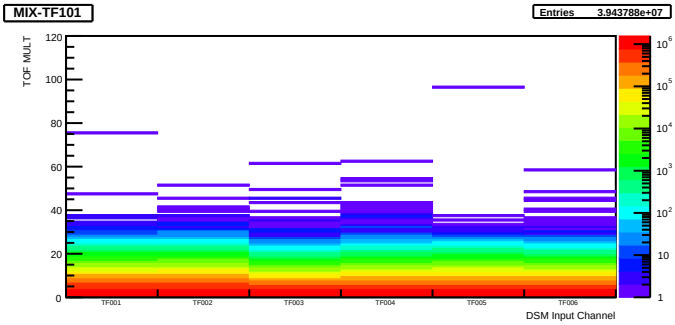

MIX-TF002
Entries 1.380326e+08
TOF MULT
TOF tray

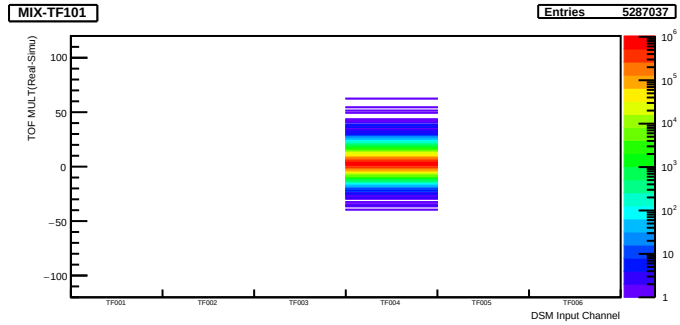

MIX-TF003
Entries 1.380326e+08
TOF MULT
TOF tray

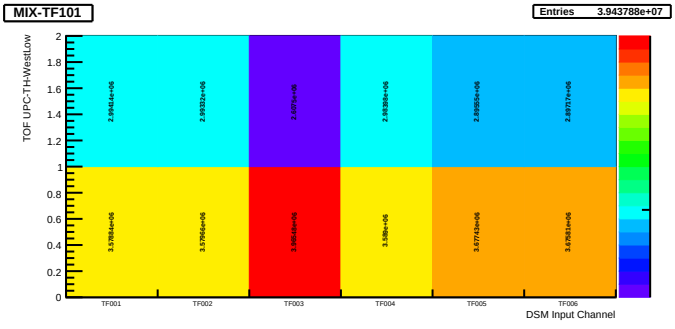

MIX-TF004
Entries 1.380326e+08
TOF MULT
TOF tray

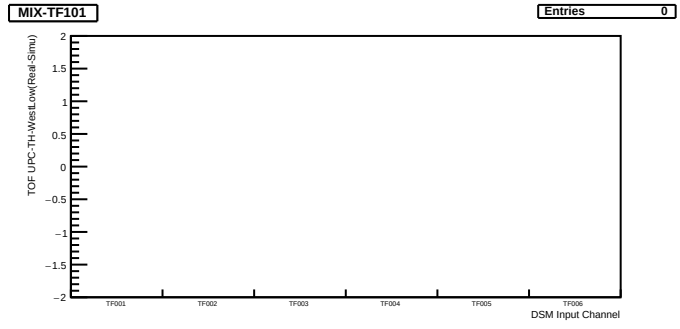

MIX-TF005
Entries 1.380326e+08
TOF MULT
TOF tray

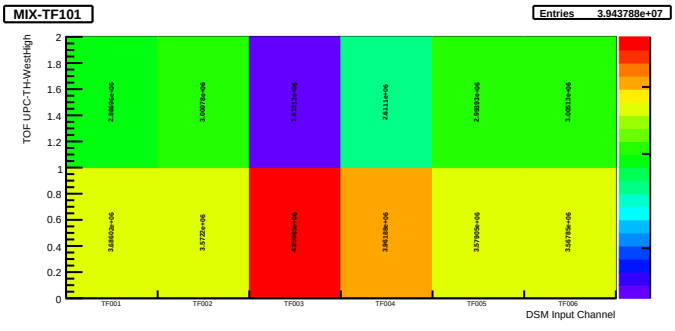

MIX-TF006
Entries 1.380326e+08
TOF MULT
TOF tray

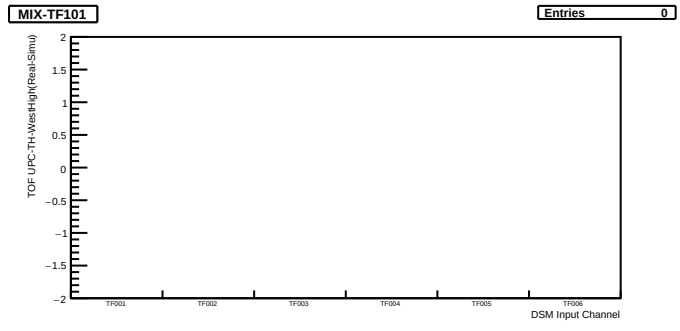

MIX-TF101
Entries 3.943788e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

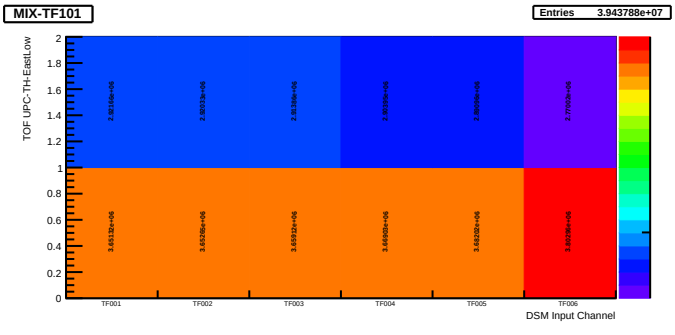

MIX-TF101
Entries 5287037
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

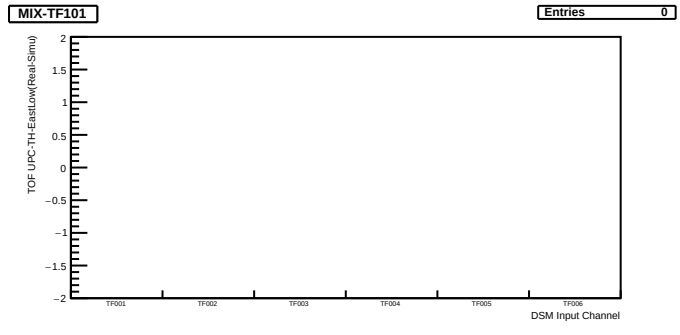

MIX-TF101
Entries 3.943788e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

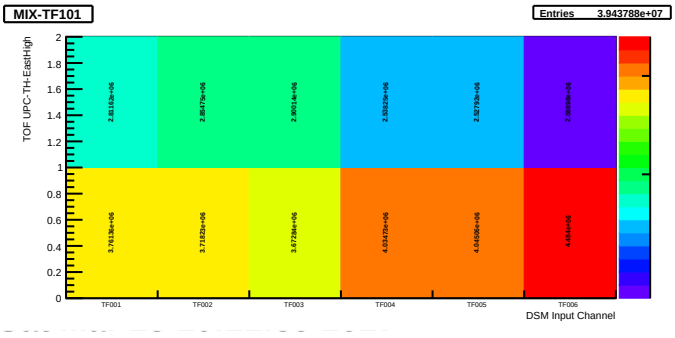

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

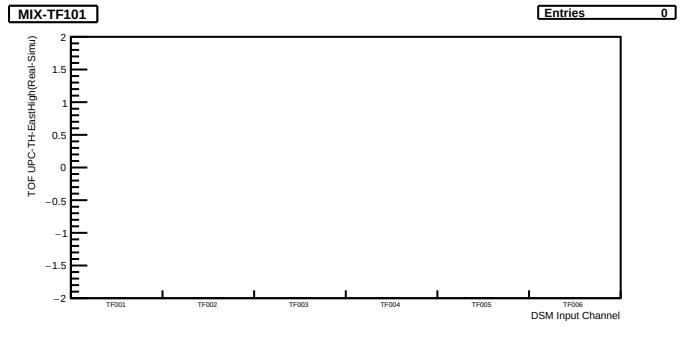

MIX-TF101
Entries 3.943788e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

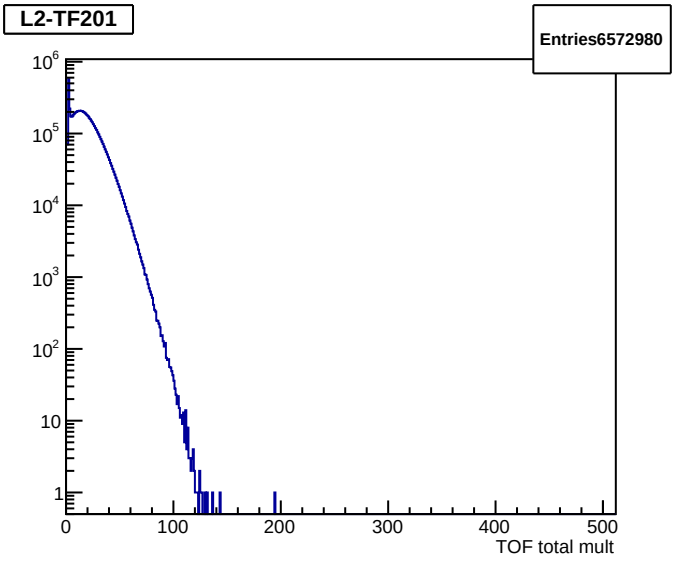

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

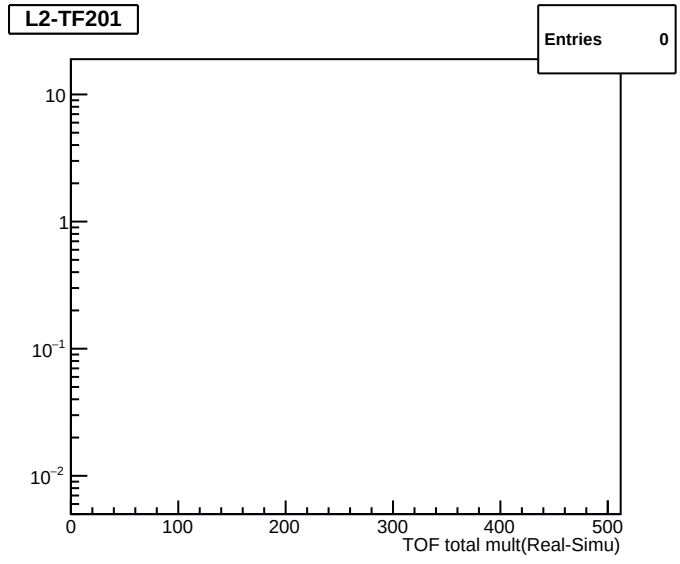

MIX-TF101
Entries 3.943788e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

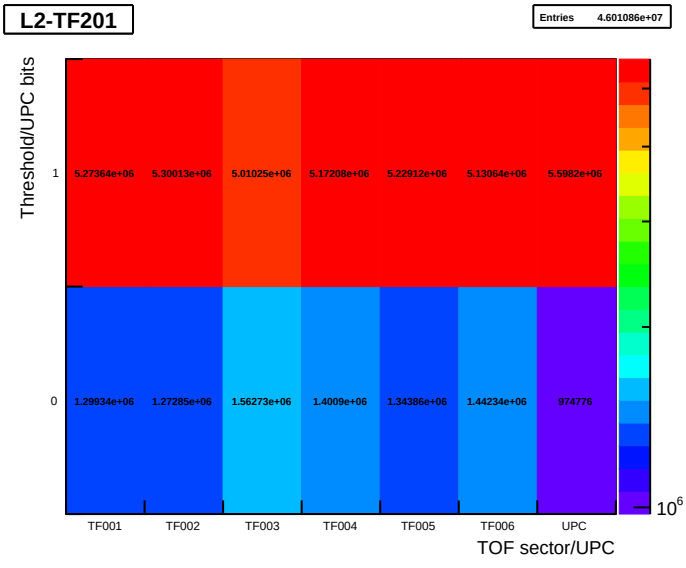

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

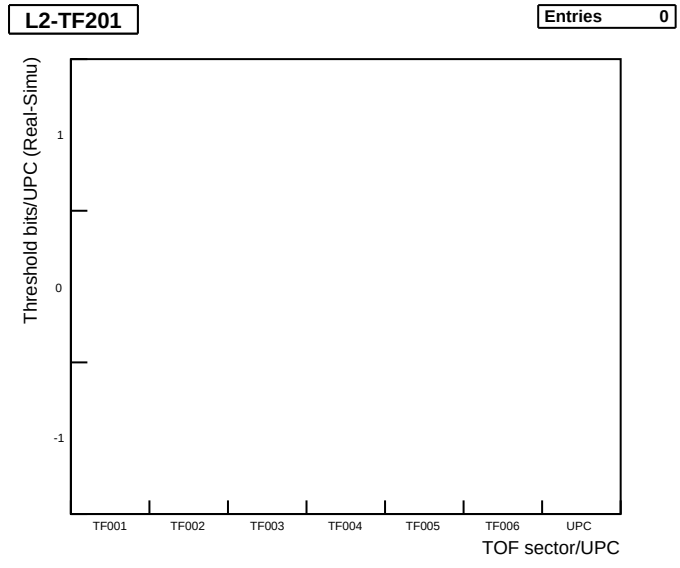

MIX-TF101
Entries 3.943788e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

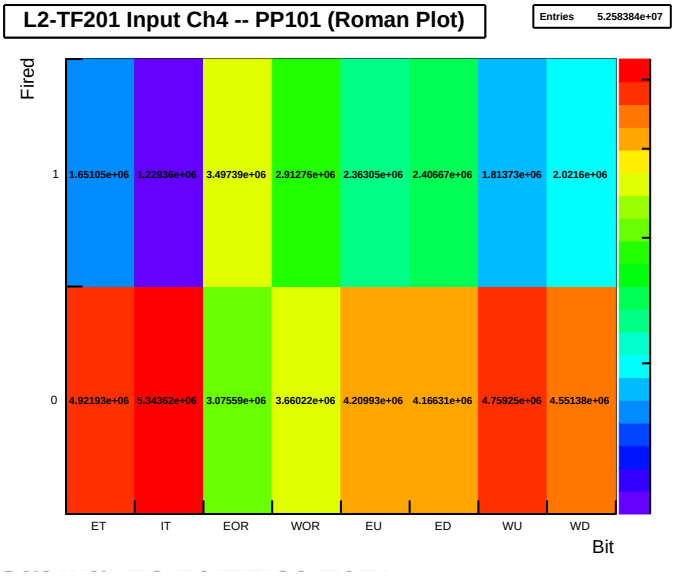

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

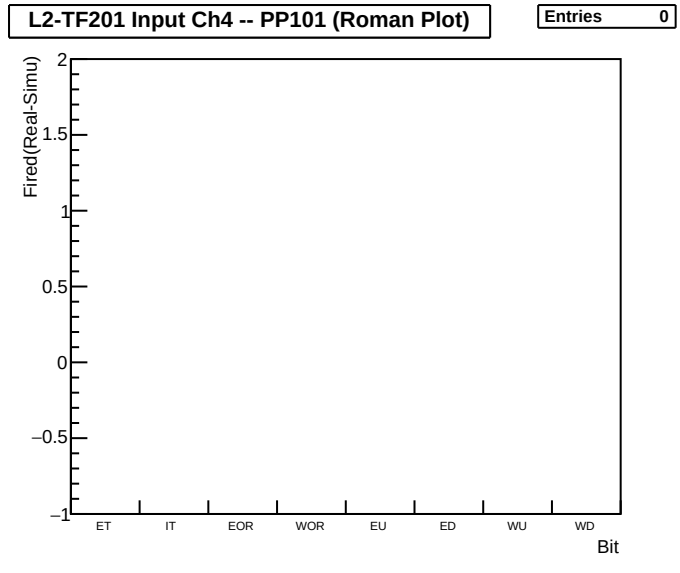

L2-TF201
Entries6572980
TOF total mult

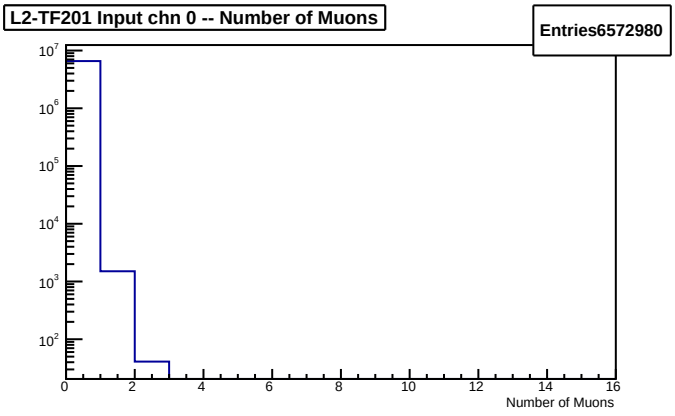

L2-TF201
Entries 0
TOF total mult(Real-Simu)

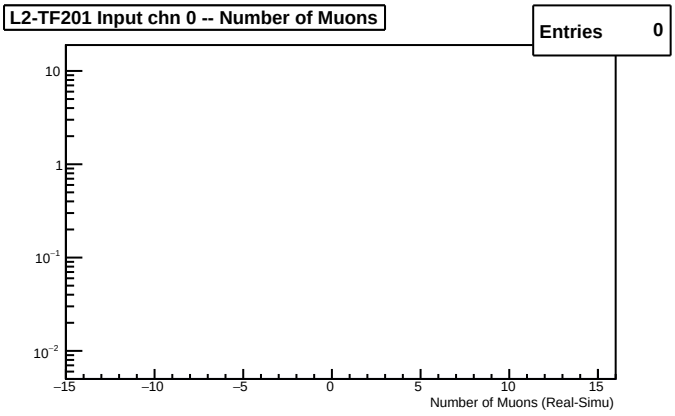

L2-TF201
Entries 4.601086e+07
Threshold/UPC bits
5.27364e+06
5.30013e+06
5.01025e+06
5.17208e+06
5.22912e+06
5.13064e+06
5.5982e+06
1.29934e+06
1.27285e+06
1.56273e+06
1.4009e+06
1.34386e+06
1.44234e+06
974776
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

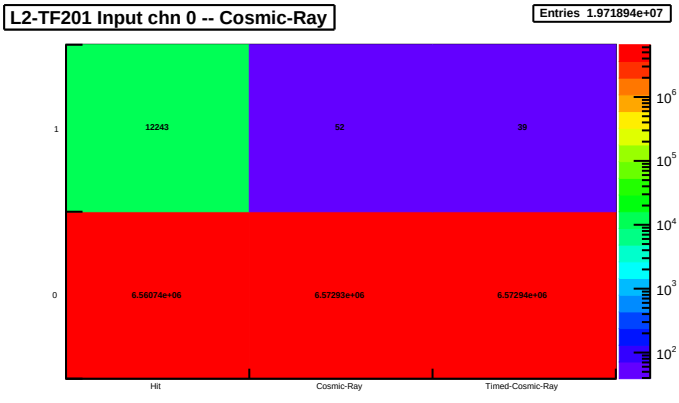

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

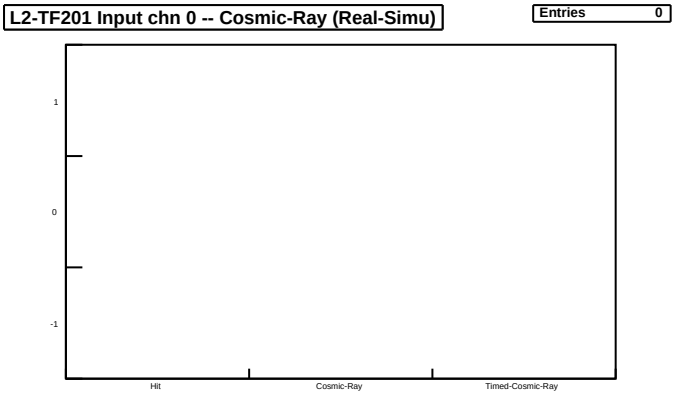

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.258384e+07
Fired
1.65105e+06
1.22936e+06
3.49739e+06
2.91276e+06
2.36305e+06
2.40667e+06
1.81373e+06
2.0216e+06
4.92193e+06
5.34362e+06
3.07559e+06
3.66022e+06
4.20993e+06
4.16631e+06
4.75925e+06
4.55138e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

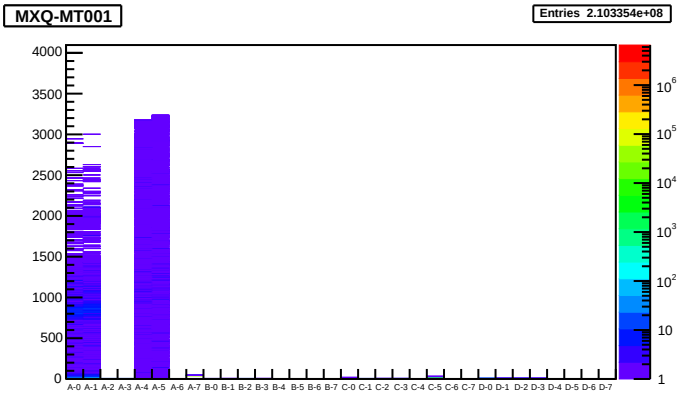

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

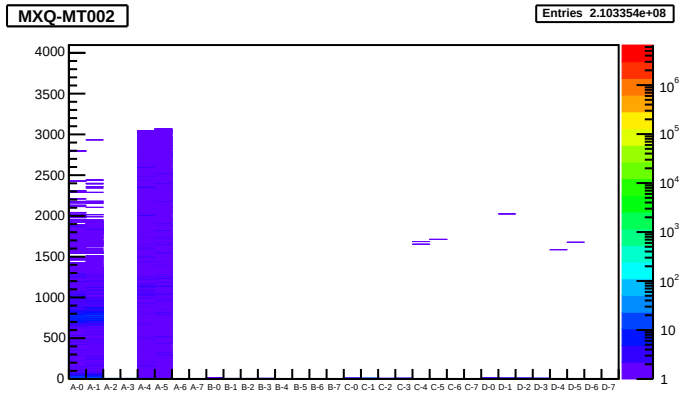

L2-TF201 Input chn 0 -- Number of Muons
Entries6572980
Number of Muons

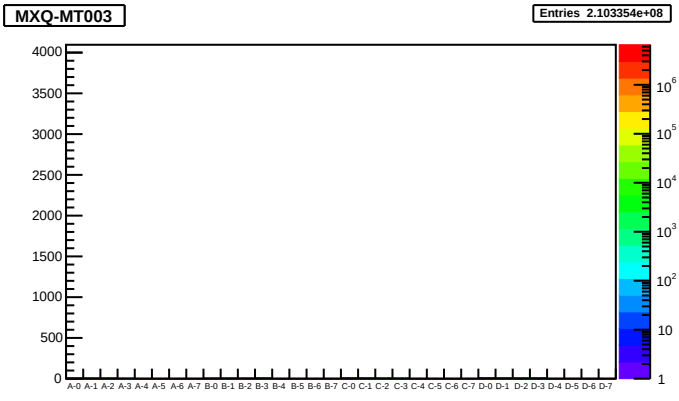

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

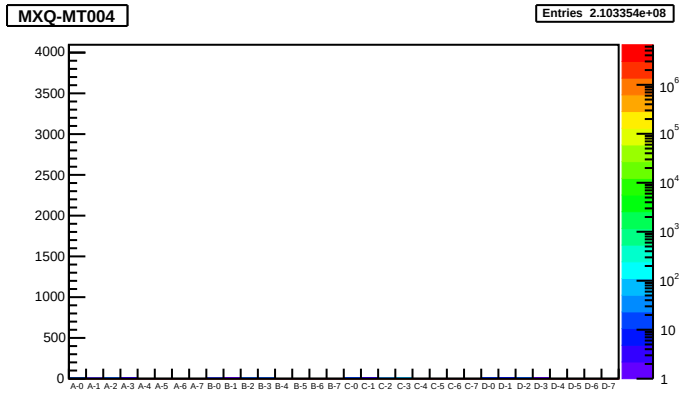

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.971894e+07
12243
52
39
6.56074e+06
6.57293e+06
6.57294e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

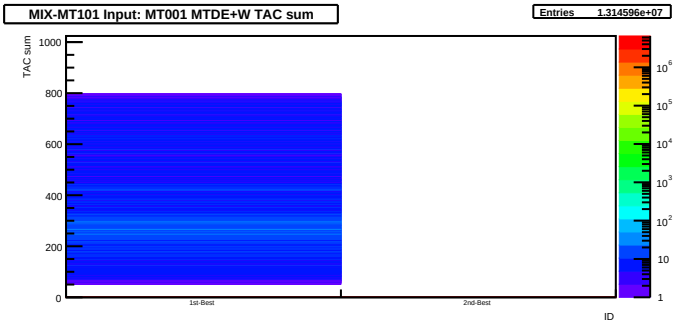

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

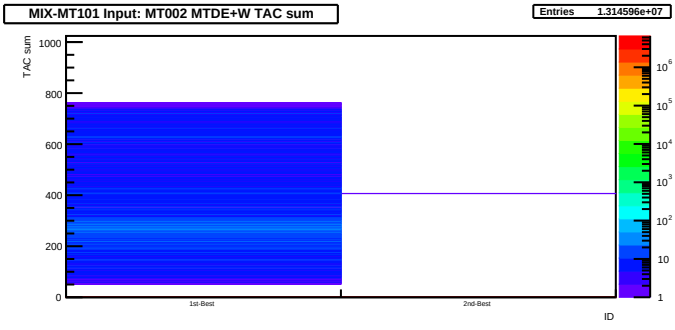

MXQ-MT001
Entries 2.103354e+08

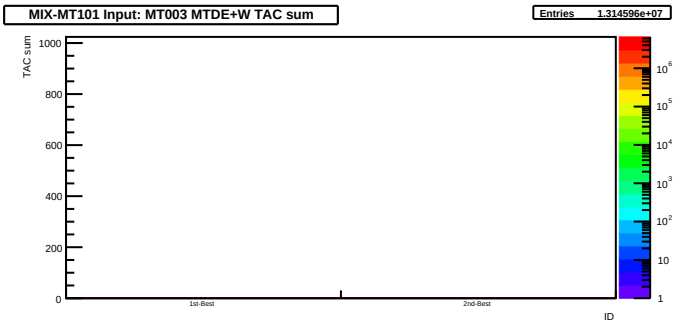

MXQ-MT002
Entries 2.103354e+08

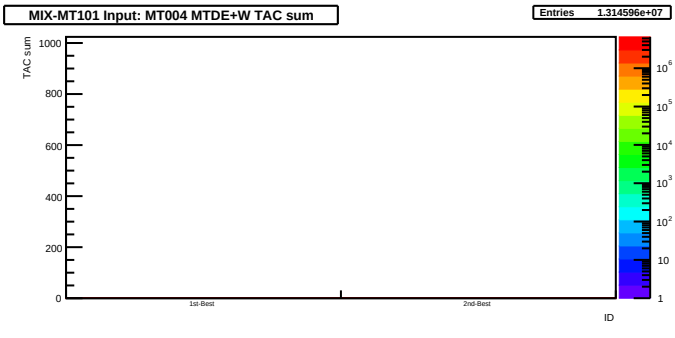

MXQ-MT003
Entries 2.103354e+08

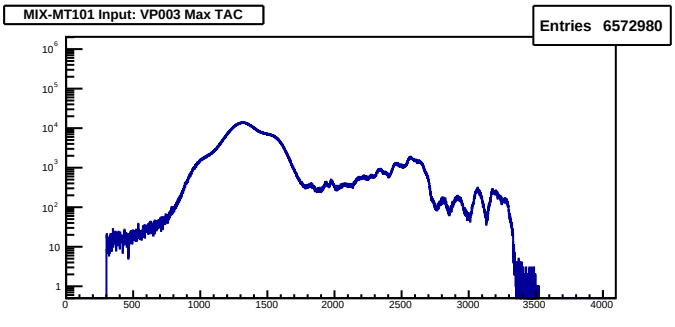

MXQ-MT004
Entries 2.103354e+08

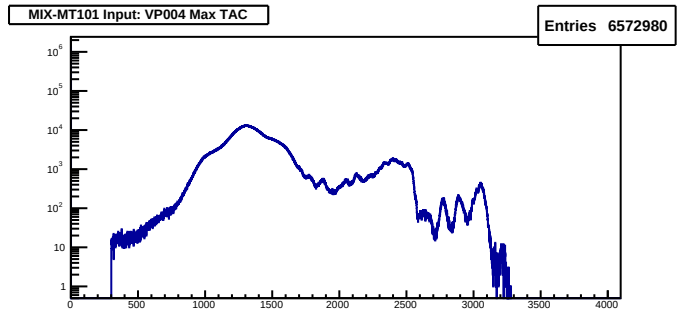

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.314596e+07
TAC sum
1st-Best
2nd-Best
ID

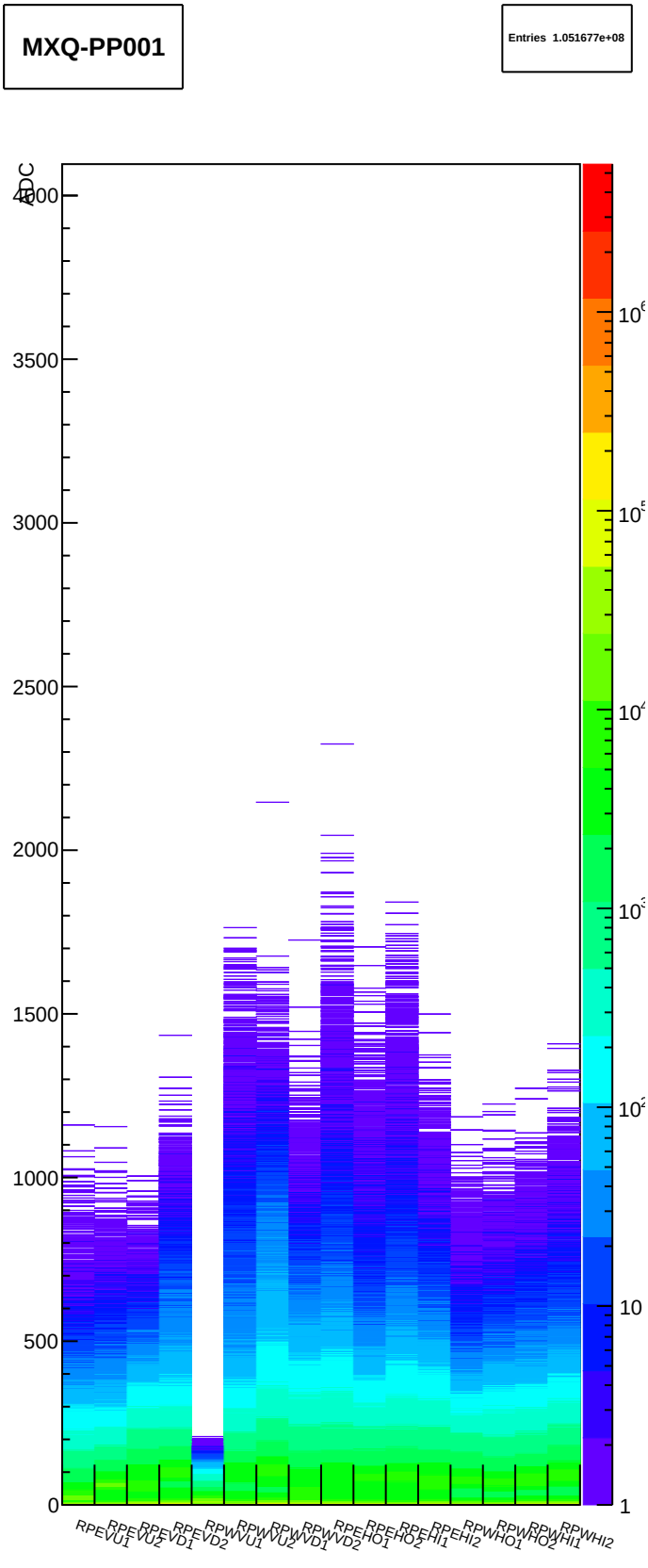

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.314596e+07
TAC sum
1st-Best
2nd-Best
ID

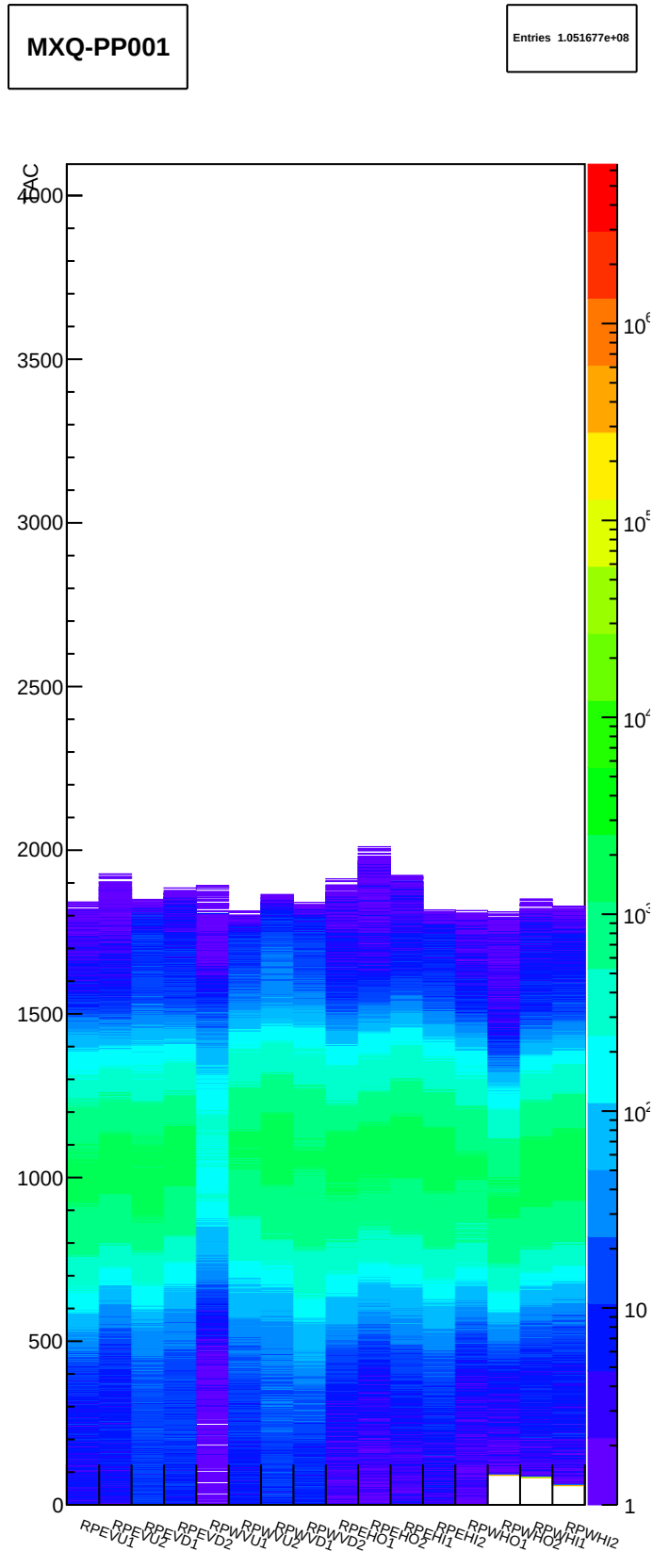

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.314596e+07
TAC sum
1st-Best
2nd-Best
ID

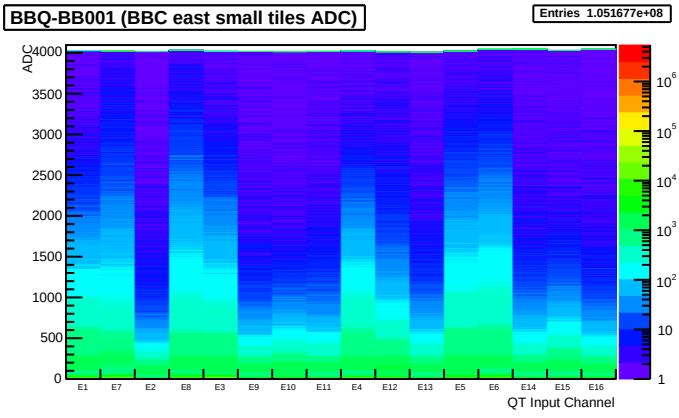

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.314596e+07
TAC sum
1st-Best
2nd-Best
ID

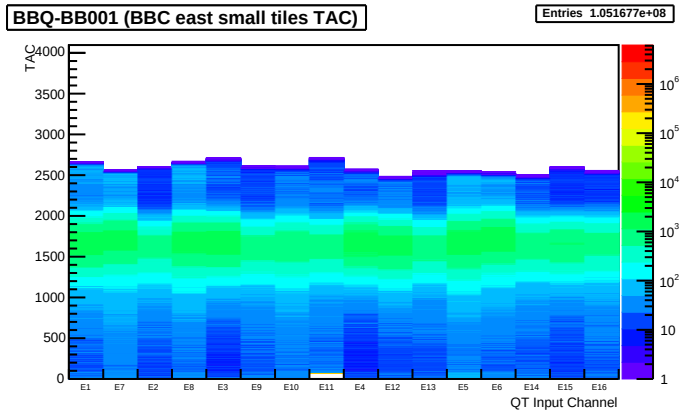

MIX-MT101 Input: VP003 Max TAC
Entries 6572980

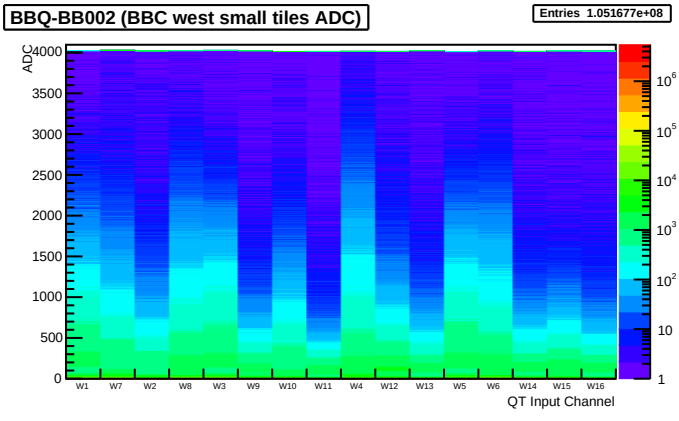

MIX-MT101 Input: VP004 Max TAC
Entries 6572980

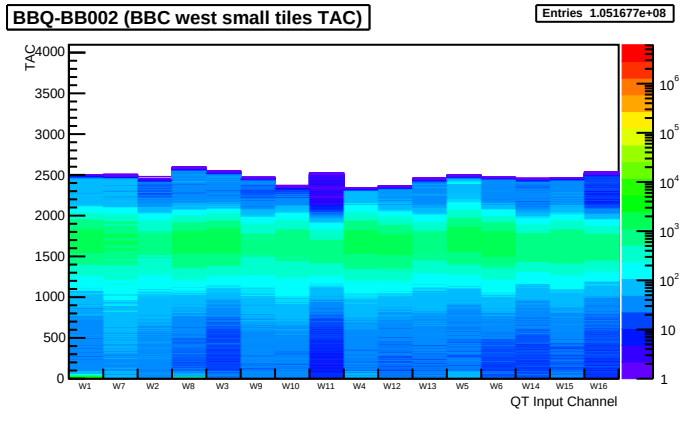

MXQ-PP001
Entries 1.051677e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

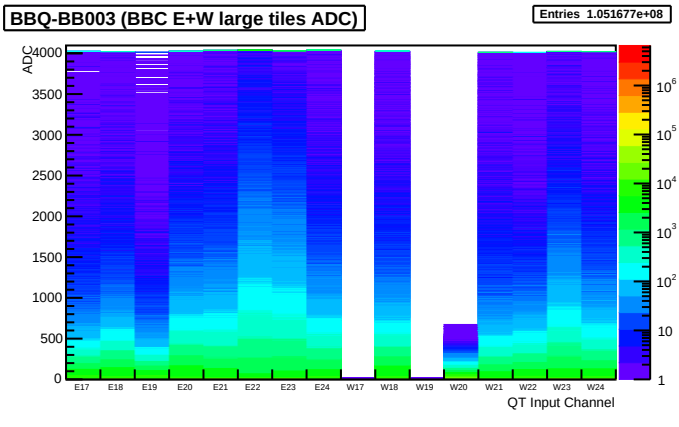

MXQ-PP001
Entries 1.051677e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

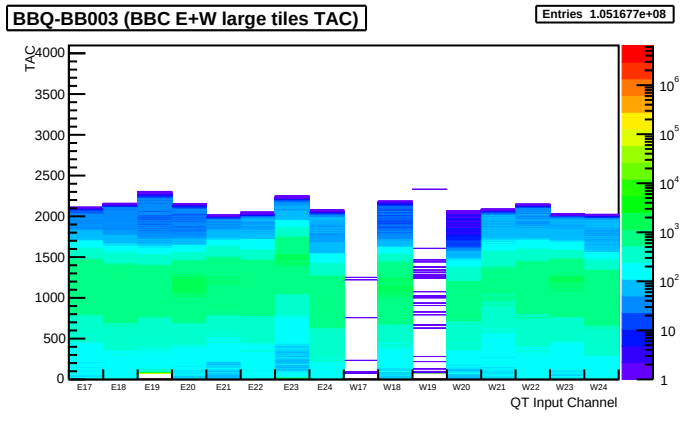

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.051677e+08
ADC
QT Input Channel

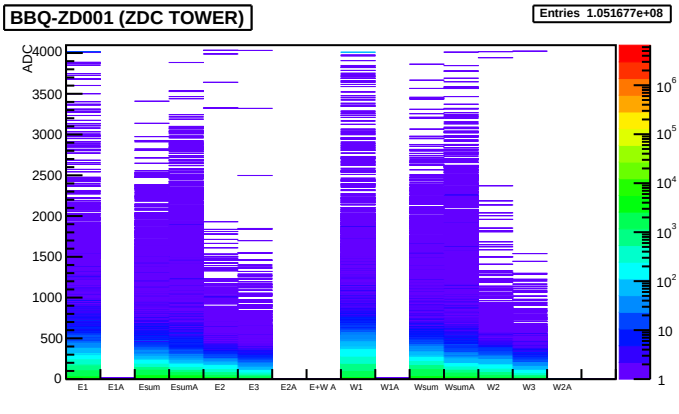

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.051677e+08
TAC
QT Input Channel

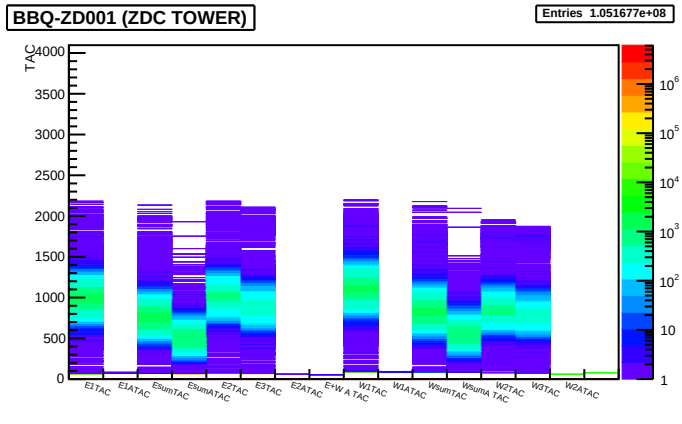

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.051677e+08
ADC
QT Input Channel

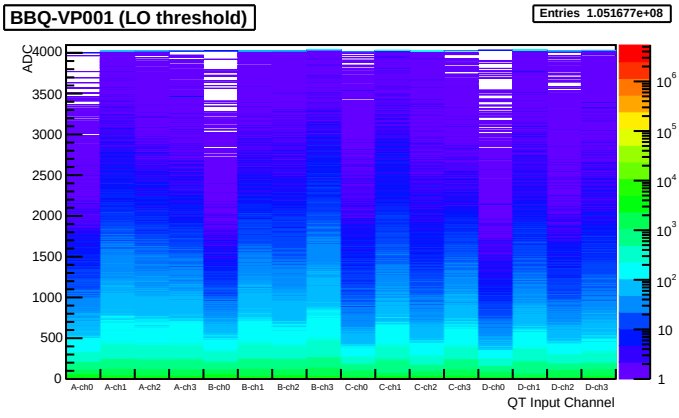

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.051677e+08
TAC
QT Input Channel

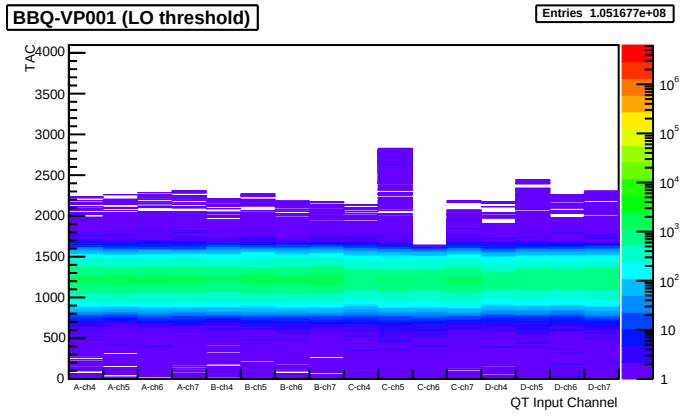

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.051677e+08
ADC
QT Input Channel

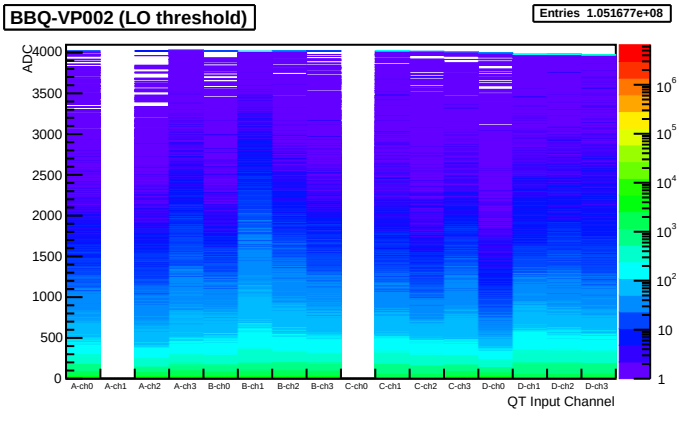

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.051677e+08
TAC
QT Input Channel

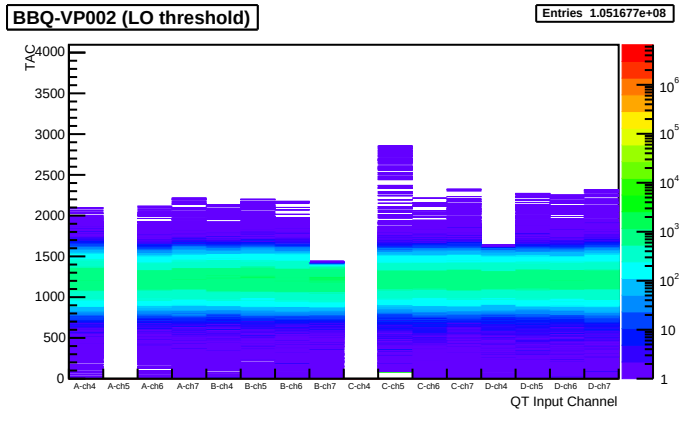

BBQ-ZD001 (ZDC TOWER)
Entries 1.051677e+08
ADC

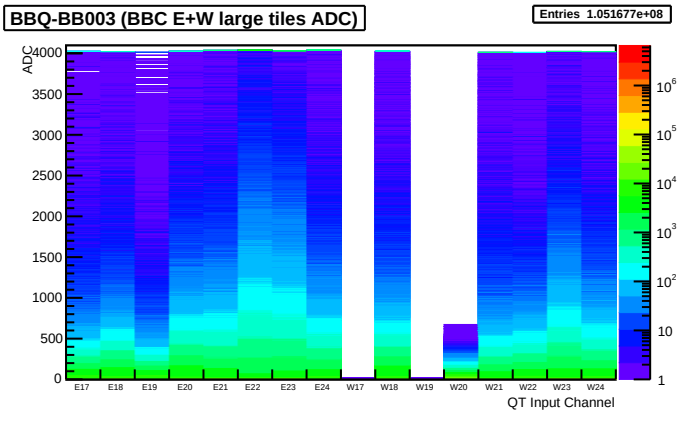

BBQ-ZD001 (ZDC TOWER)
Entries 1.051677e+08
TAC

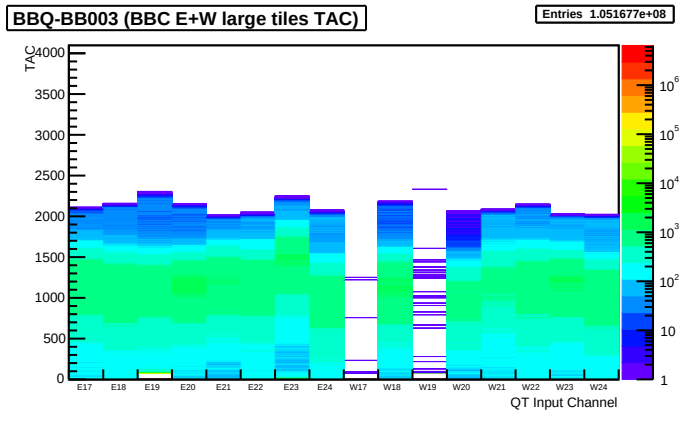

BBQ-VP001 (LO threshold)
Entries 1.051677e+08
ADC
QT Input Channel

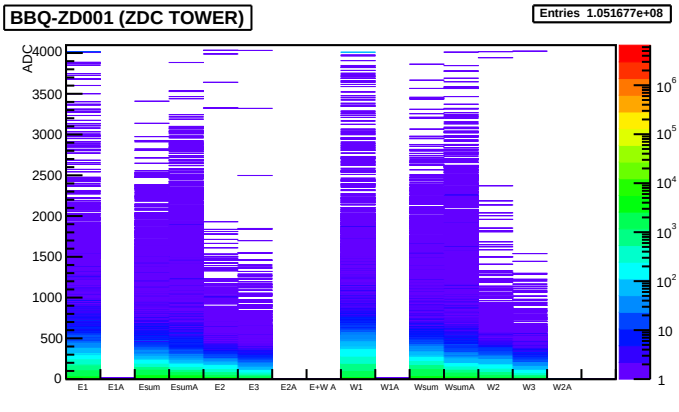

BBQ-VP001 (LO threshold)
Entries 1.051677e+08
TAC
QT Input Channel

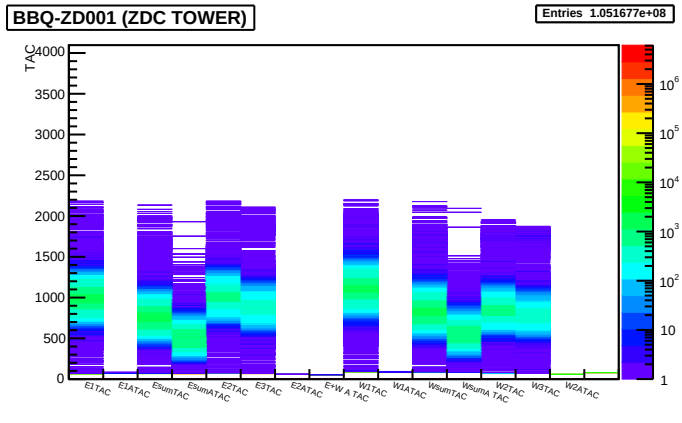

BBQ-VP002 (LO threshold)
Entries 1.051677e+08
ADC
QT Input Channel

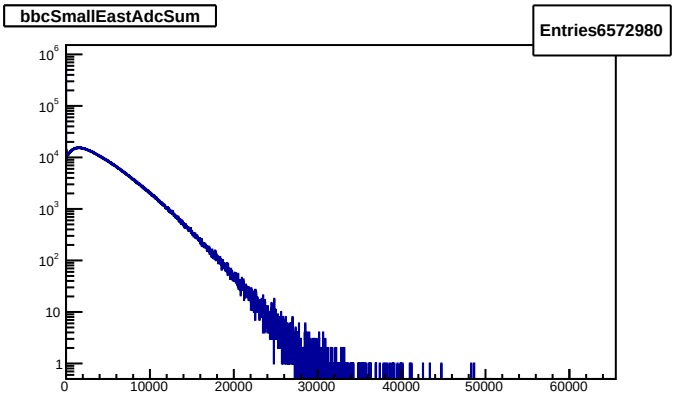

BBQ-VP002 (LO threshold)
Entries 1.051677e+08
TAC
QT Input Channel

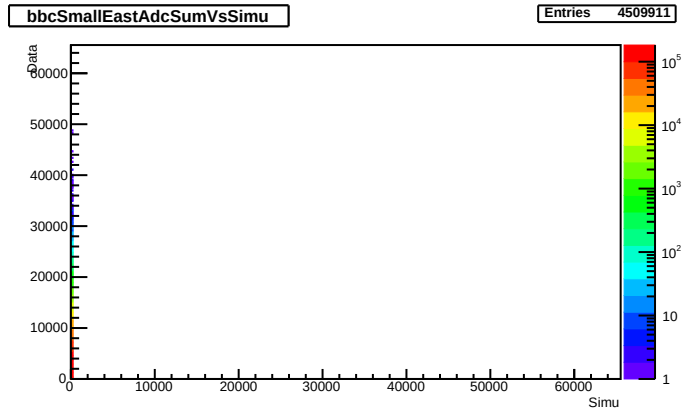

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.051677e+08
ADC
QT Input Channel

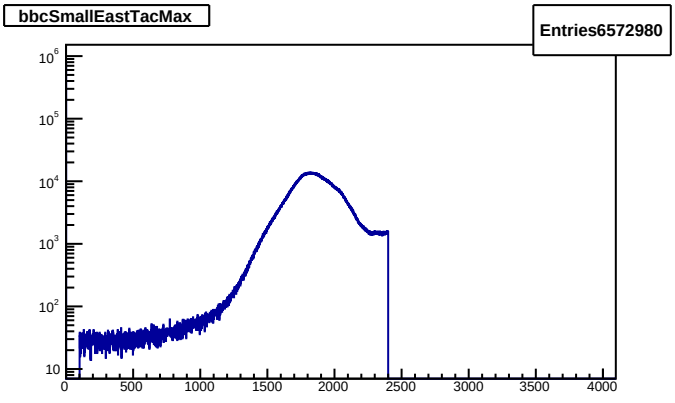

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.051677e+08
TAC
QT Input Channel

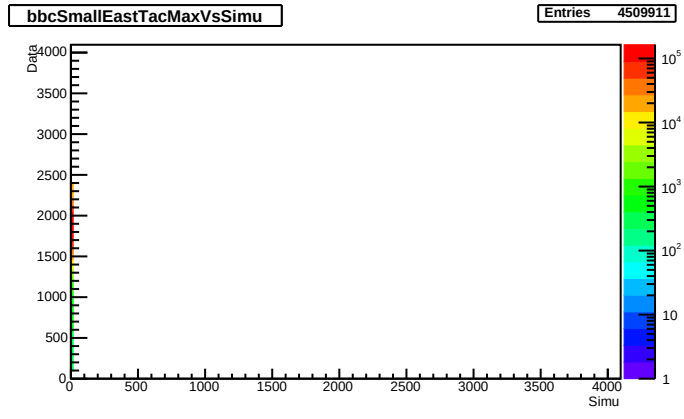

BBQ-ZD001 (ZDC TOWER)
Entries 1.051677e+08
ADC

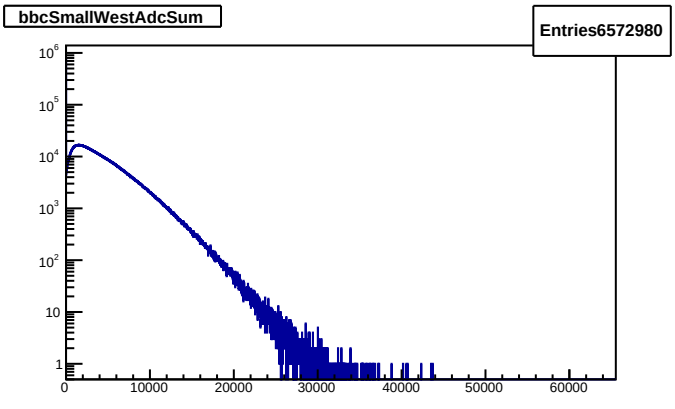

BBQ-ZD001 (ZDC TOWER)
Entries 1.051677e+08
TAC

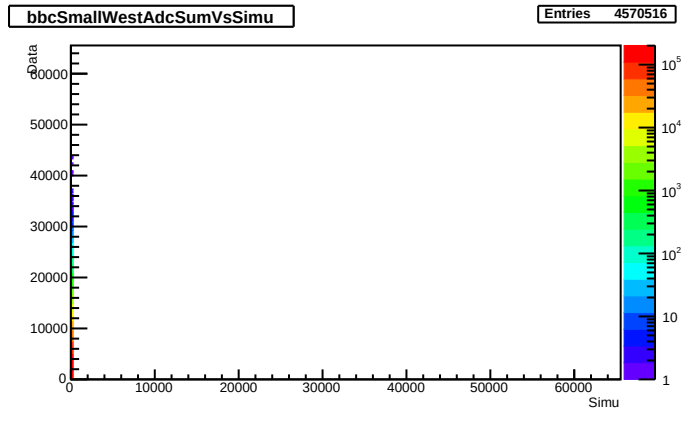

bbcSmallEastAdcSum
Entries6572980

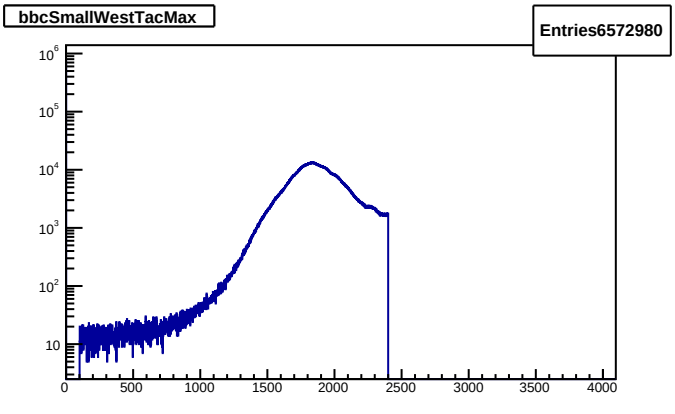

bbcSmallEastAdcSumVsSimu
Entries 4509911
Data
Simu

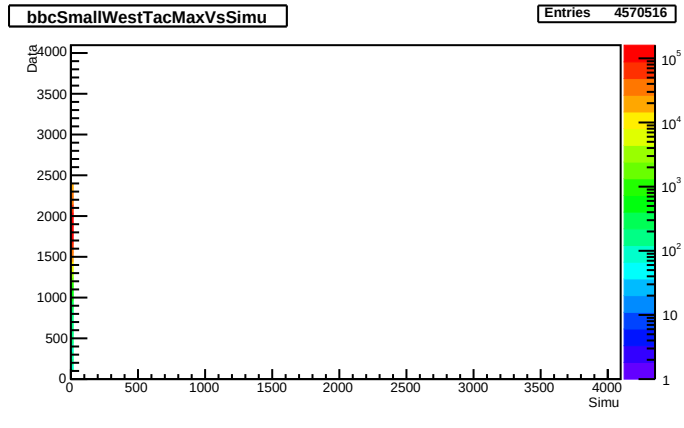

bbcSmallEastTacMax
Entries6572980

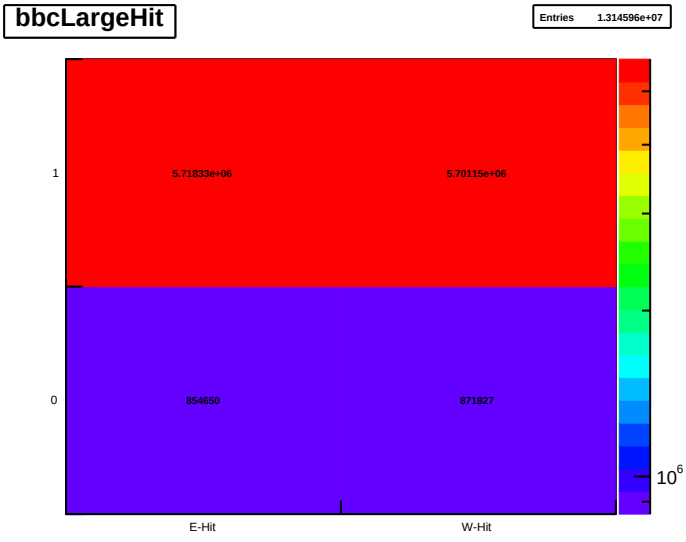

bbcSmallEastTacMaxVsSimu
Entries 4509911
Data
Simu

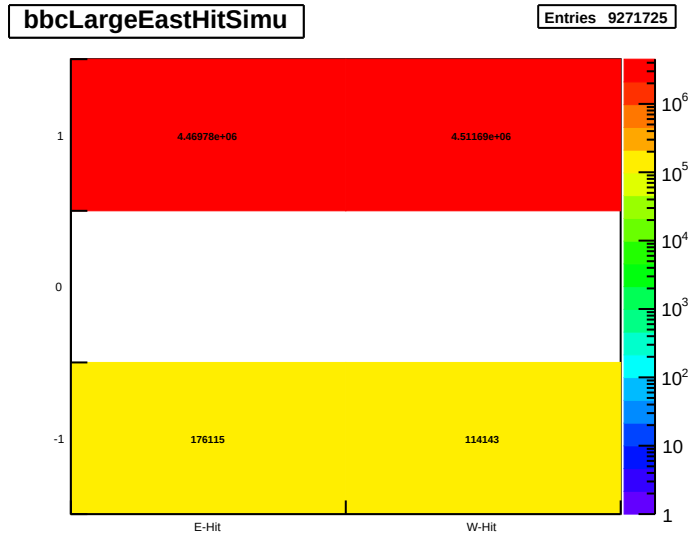

bbcSmallWestAdcSum
Entries6572980

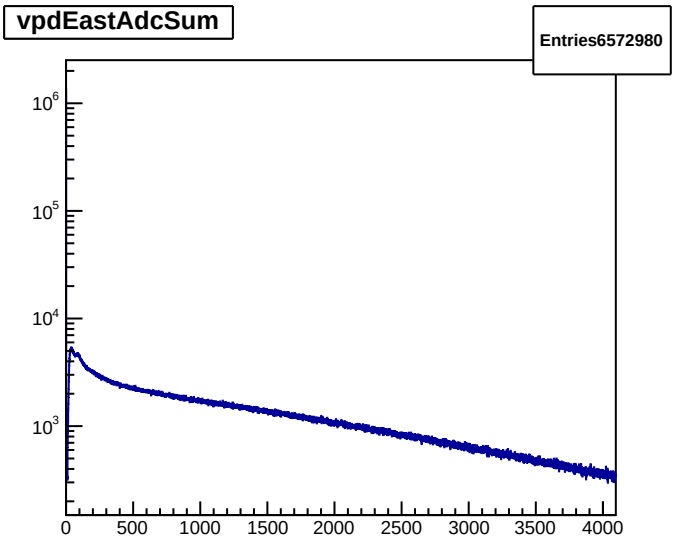

bbcSmallWestAdcSumVsSimu
Entries 4570516
Data
Simu

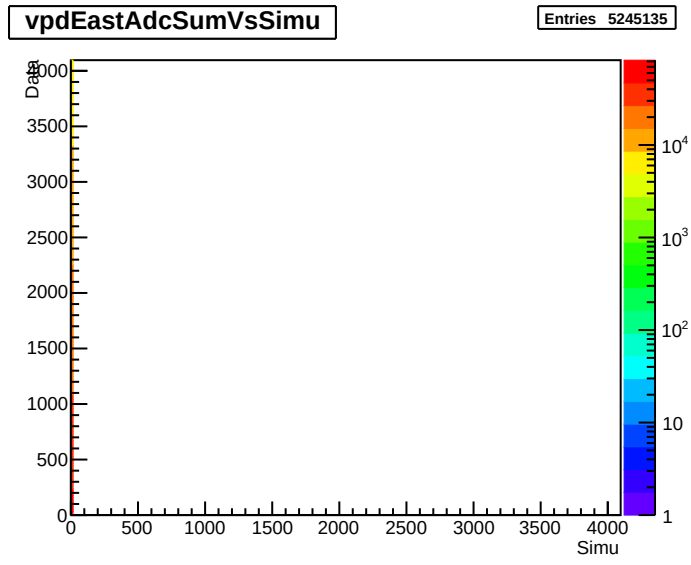

bbcSmallWestTacMax
Entries6572980

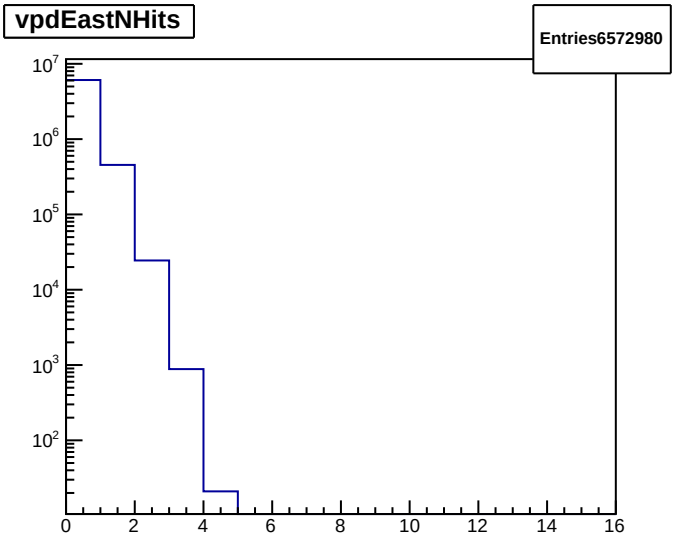

bbcSmallWestTacMaxVsSimu
Entries 4570516
Data
Simu

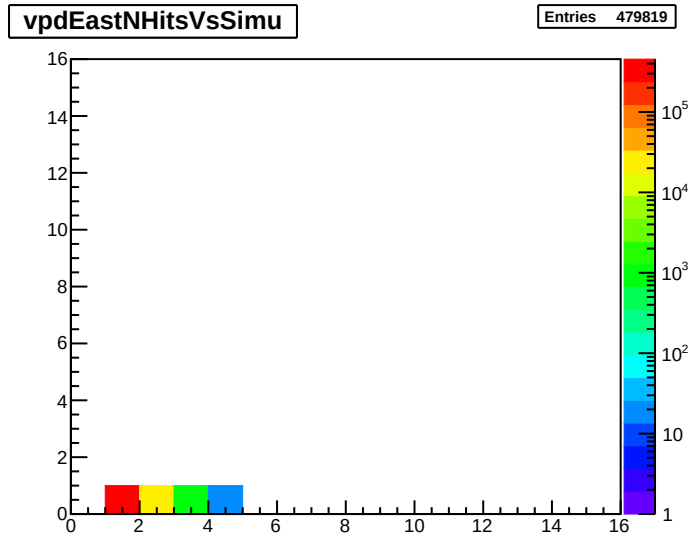

bbcLargeHit
Entries 1.314596e+07
1
0
5.71833e+06
5.70115e+06
854650
871827
E-Hit
W-Hit
10^6

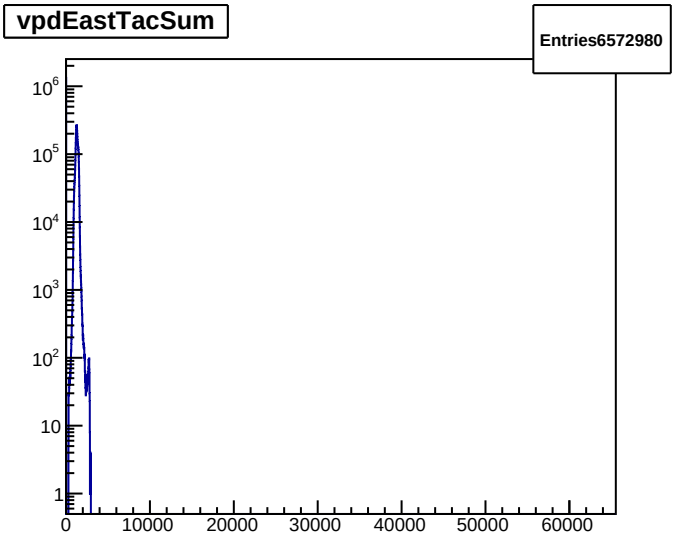

bbcLargeEastHitSimu
Entries 9271725
1
0
-1
4.46978e+06
4.51169e+06
176115
114143
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

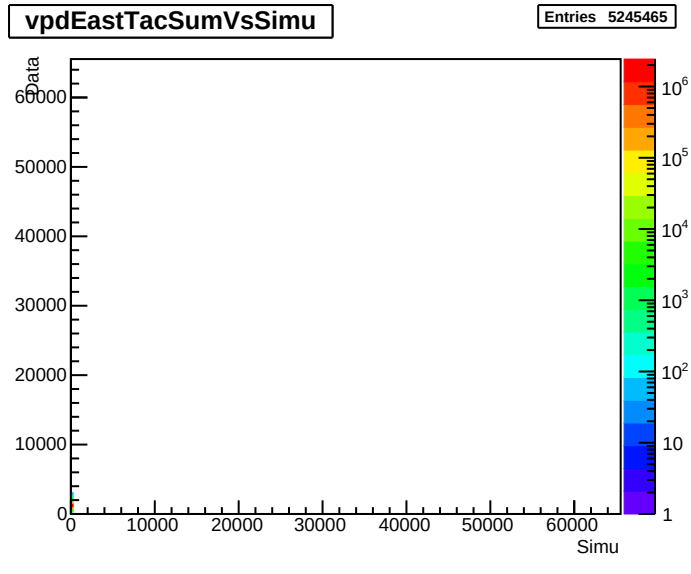

vpdEastAdcSum
Entries6572980

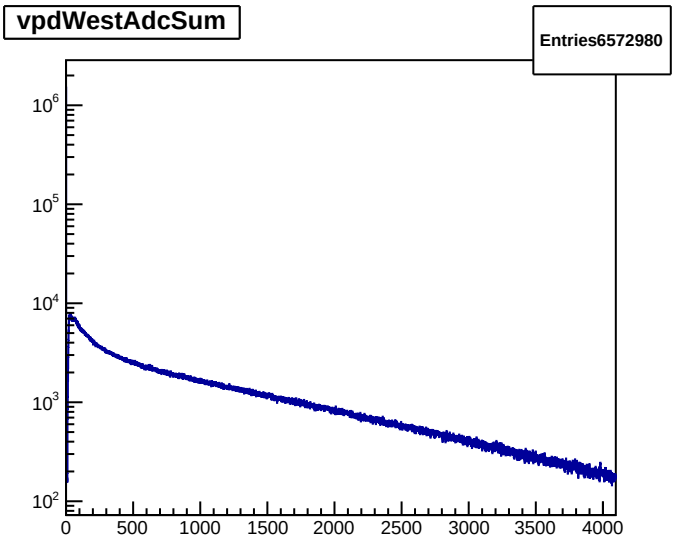

vpdEastAdcSumVsSimu
Entries 5245135
Data
Simu

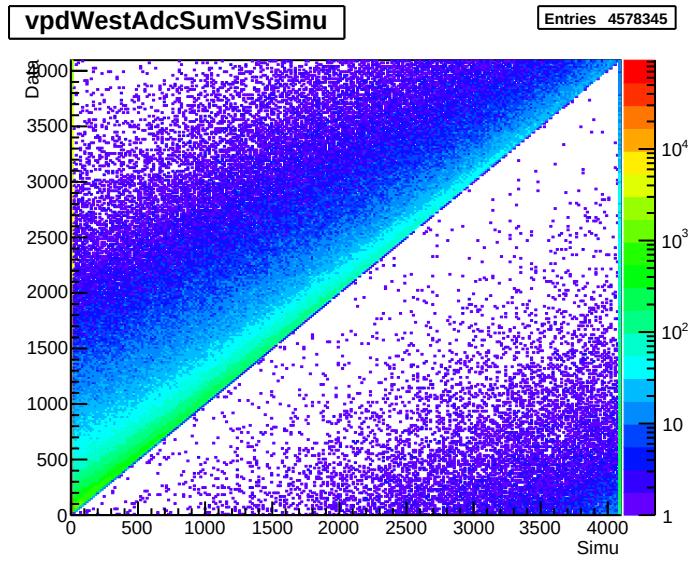

vpdEastNHits
Entries6572980

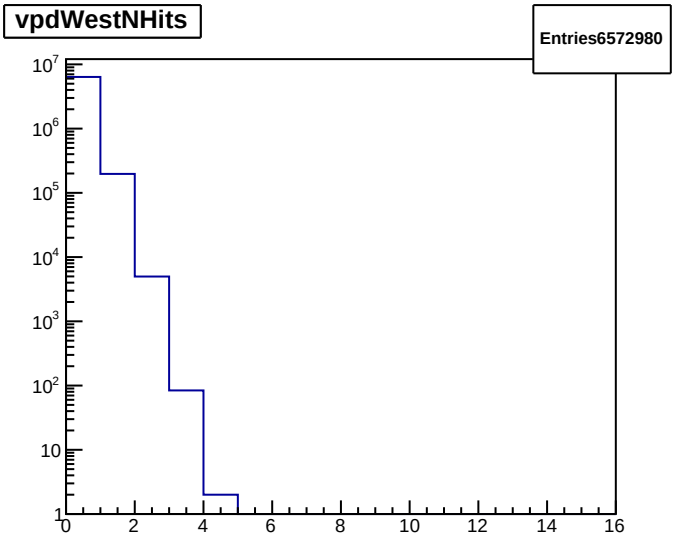

vpdEastNHitsVsSimu
Entries 479819

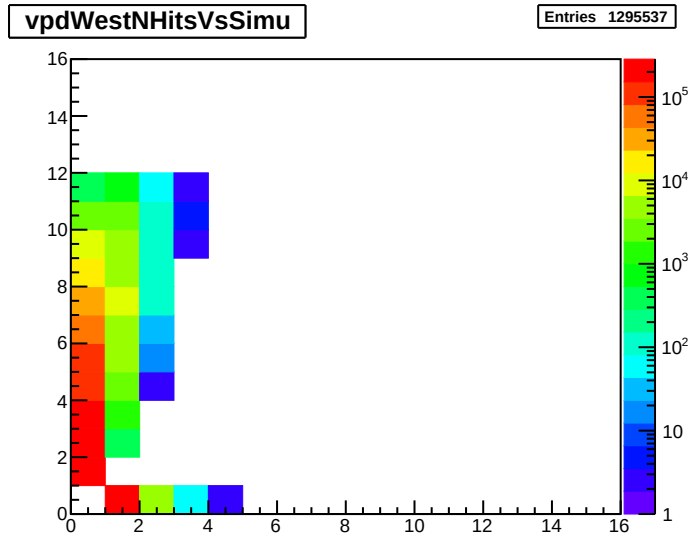

vpdEastTacSum
Entries6572980

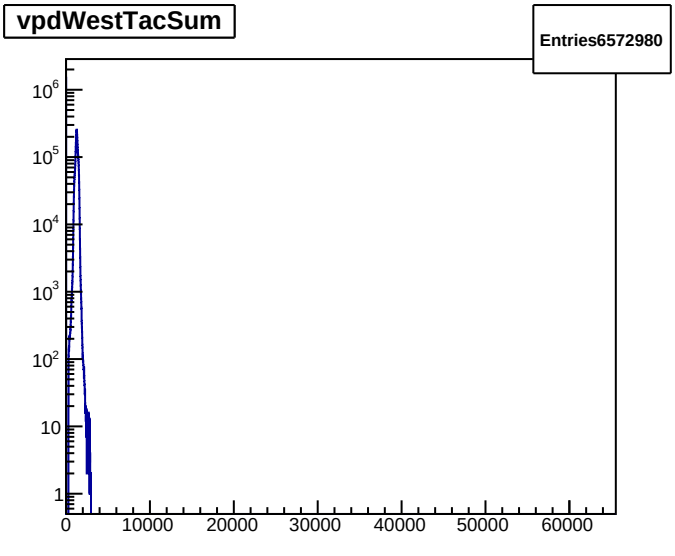

vpdEastTacSumVsSimu
Entries 5245465
Data
Simu

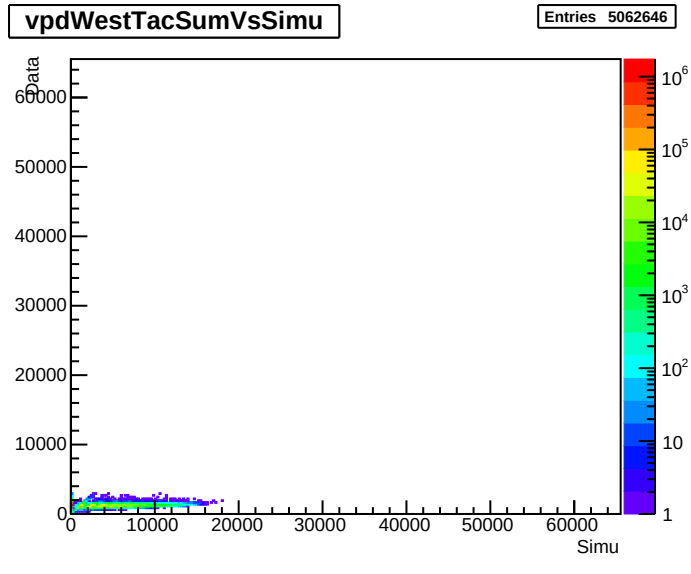

vpdWestAdcSum
Entries6572980

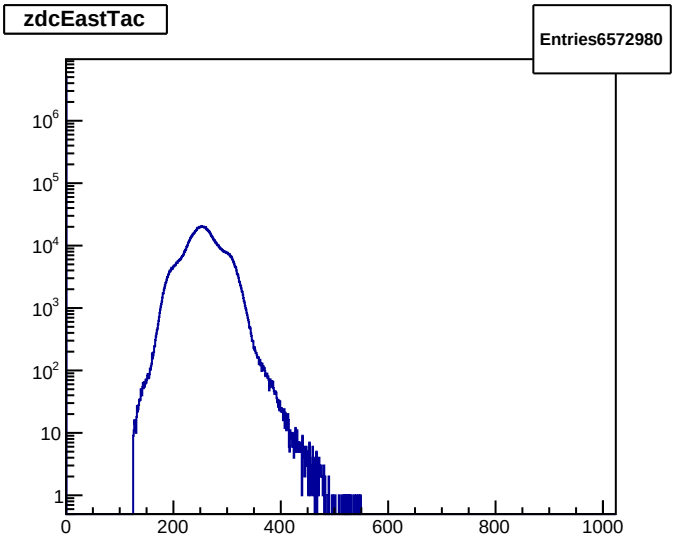

vpdWestAdcSumVsSimu
Entries 4578345
Data
Simu

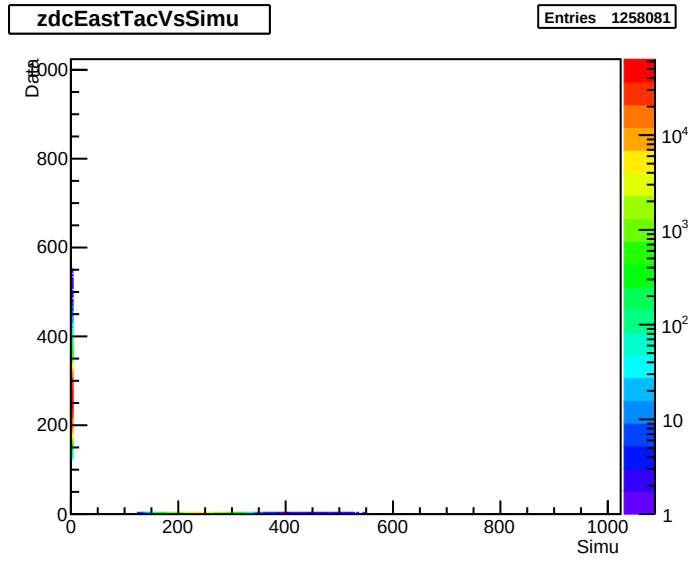

vpdWestNHits
Entries6572980

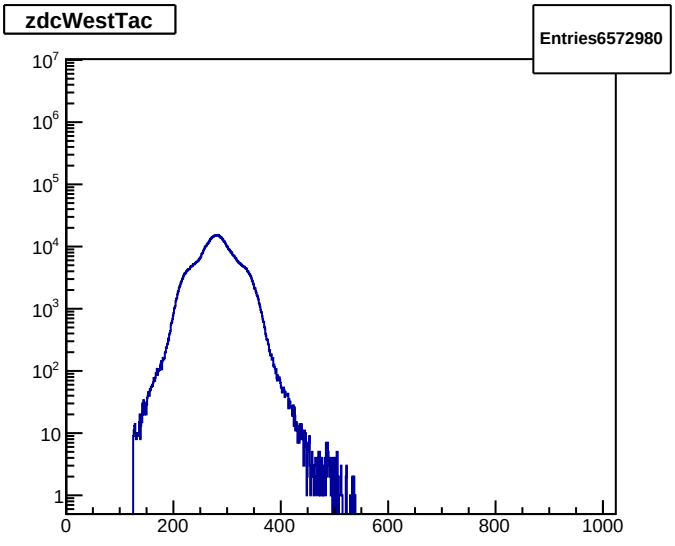

vpdWestNHitsVsSimu
Entries 1295537

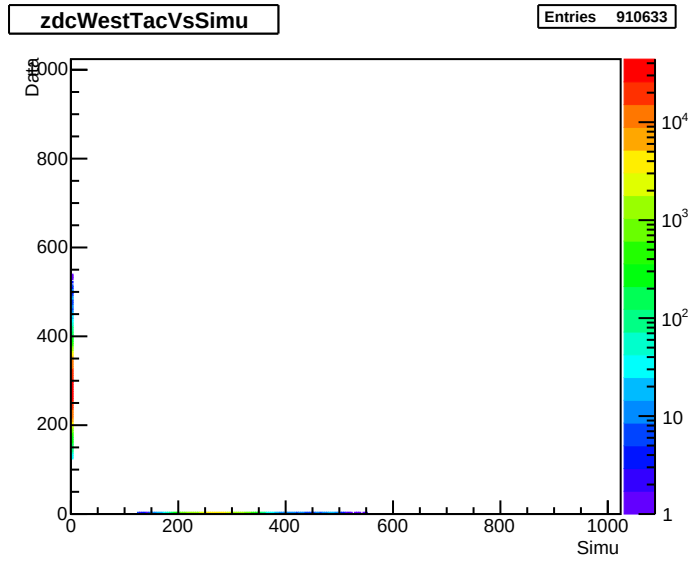

vpdWestTacSum
Entries6572980

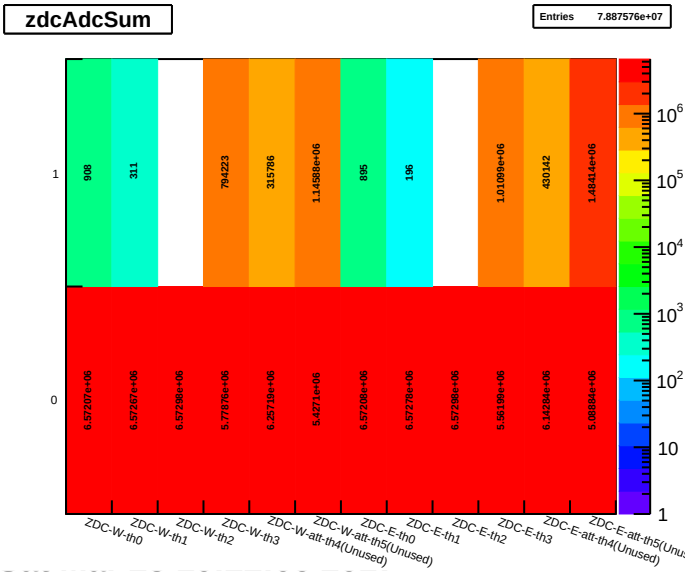

vpdWestTacSumVsSimu
Entries 5062646
Data
Simu

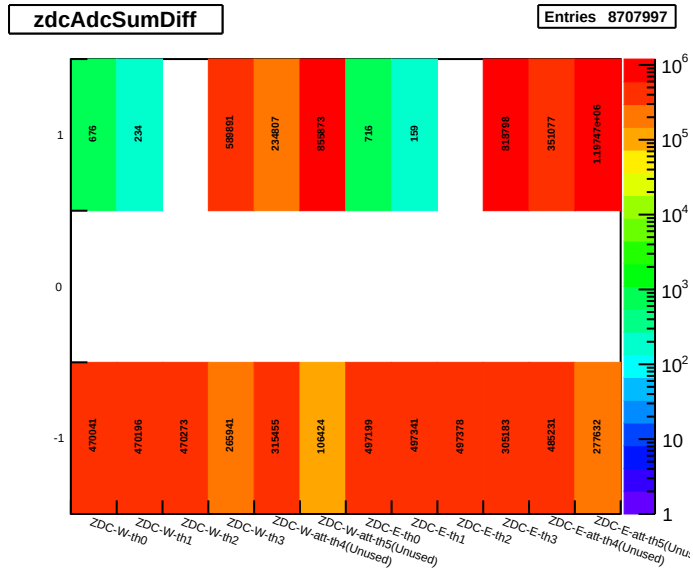

zdcEastTac
Entries6572980

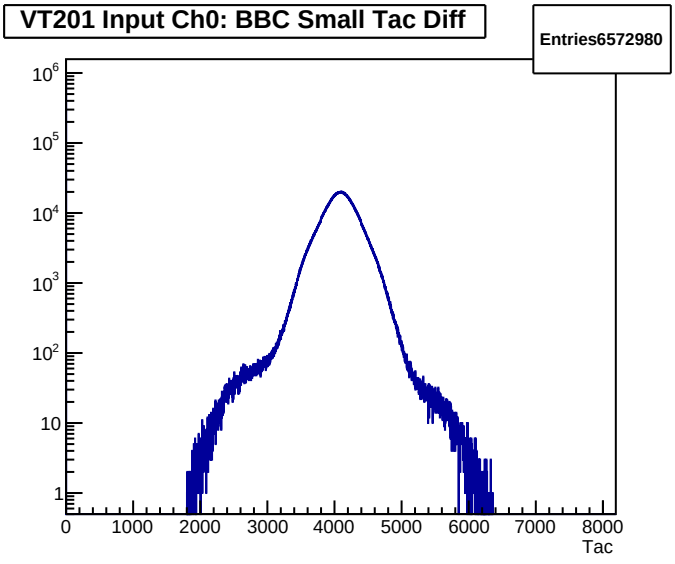

zdcEastTacVsSimu
Entries 1258081
Data
Simu

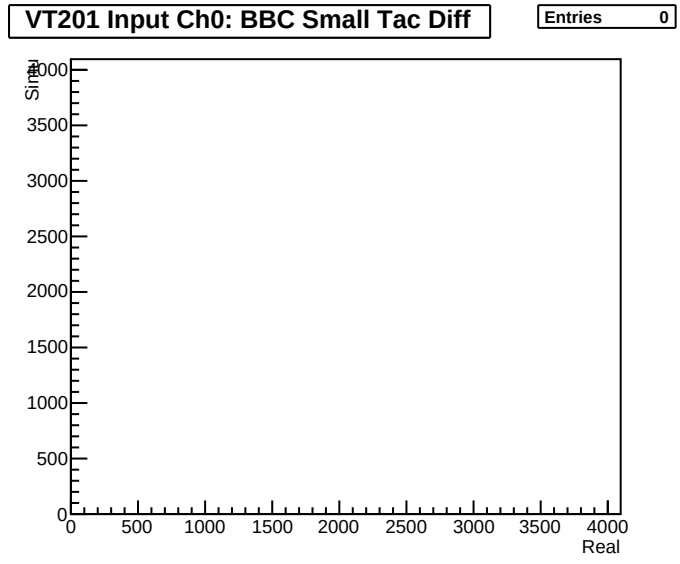

zdcWestTac
Entries6572980

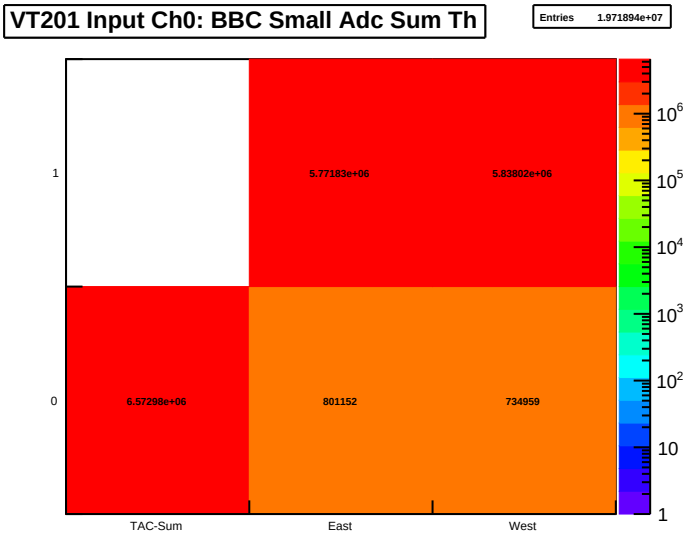

zdcWestTacVsSimu
Entries 910633
Data
Simu

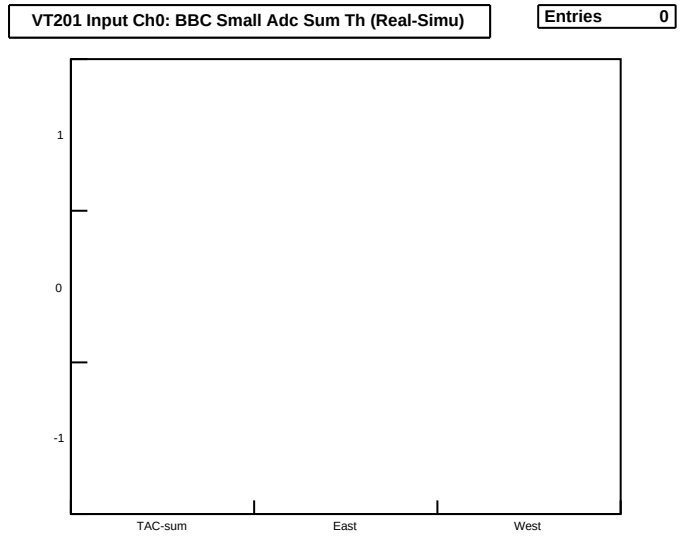

zdcAdcSum
Entries 7.887576e+07
908
311
794223
315786
1.14598e+06
895
196
1.01099e+06
430142
1.48414e+06
6.57207e+06
6.57257e+06
6.57298e+06
5.77876e+06
6.25719e+06
5.4271e+06
6.57208e+06
6.57278e+06
6.57298e+06
5.56198e+06
6.14284e+06
5.08884e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

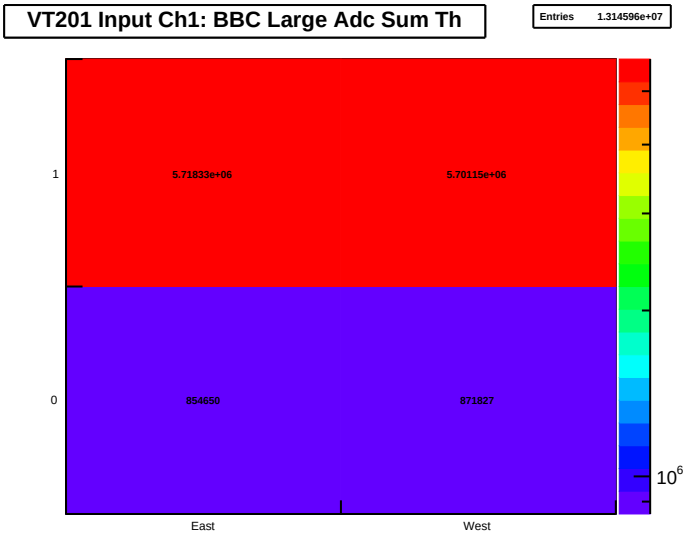

zdcAdcSumDiff
Entries 8707997
676
234
589891
234807
858873
716
159
816798
351077
1.19747e+06
470041
470196
470273
265941
315555
106424
497199
497341
497378
305183
485231
277632
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

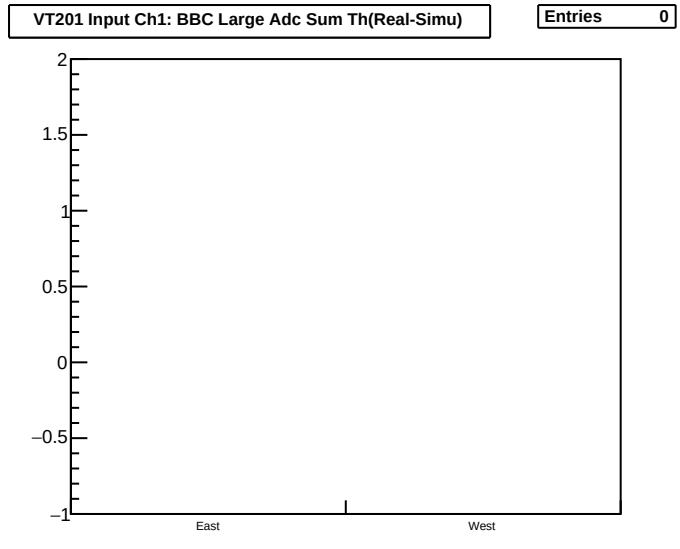

VT201 Input Ch0: BBC Small Tac Diff
Entries6572980
Tac


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

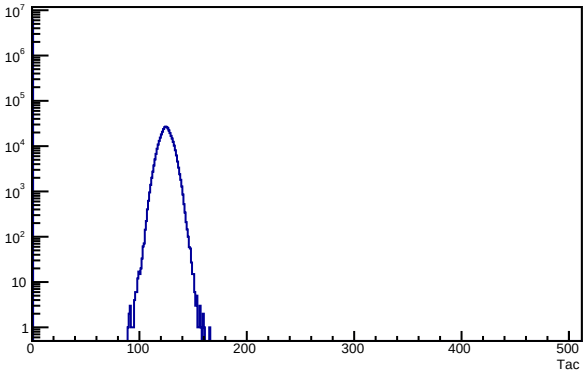

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.971894e+07
5.77183e+06
5.83802e+06
6.57298e+06
801152
734959
TAC-Sum
East
West


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

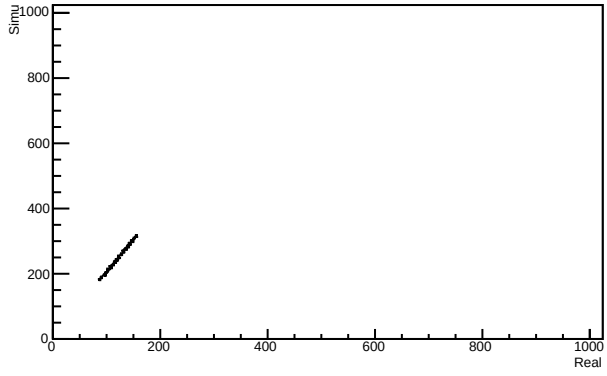

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.314596e+07
5.71833e+06
5.70115e+06
854650
871827
East
West


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

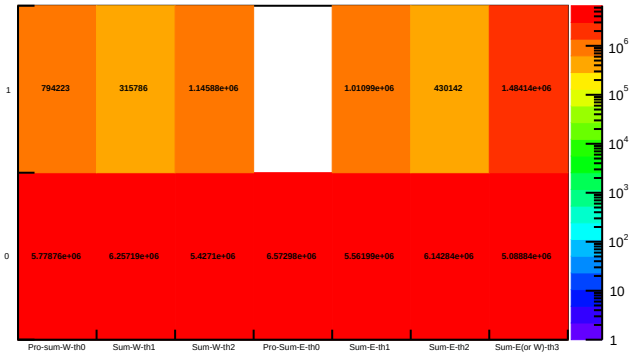
VT201 Input Ch2: ZDC Tac Diff



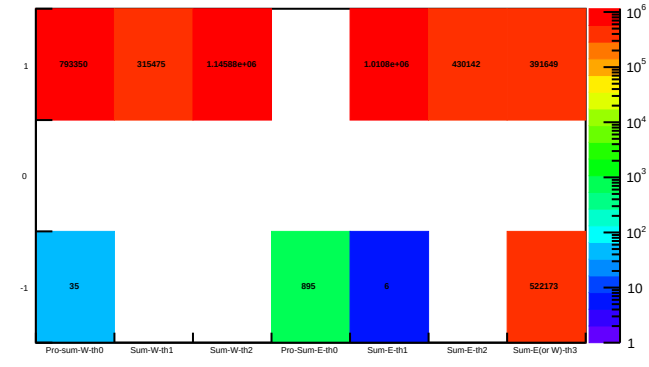
VT201 Input Ch2: ZDC Tac Diff



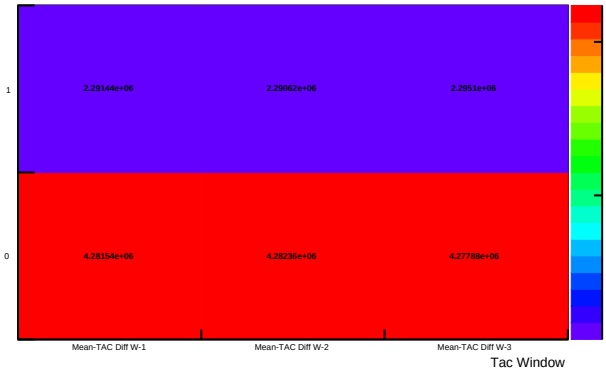
VT201 Input Ch2: ZDC Adc Sum Th



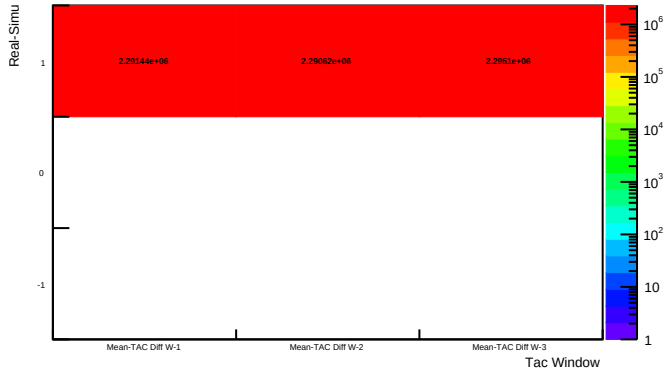
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



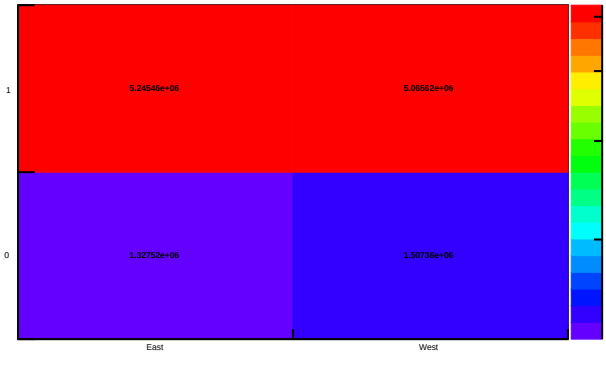
VT201 Input Ch4: VPD Tac Diff



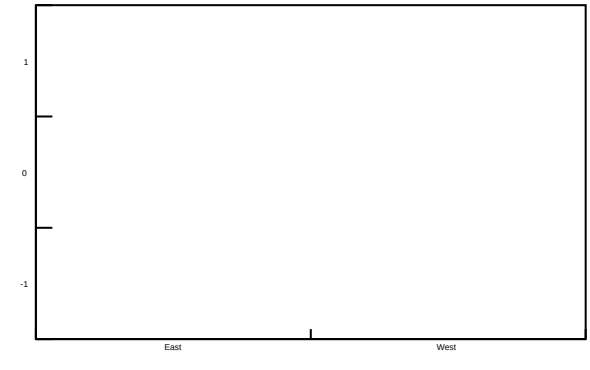
VT201 Input Ch4: VPD Tac Diff

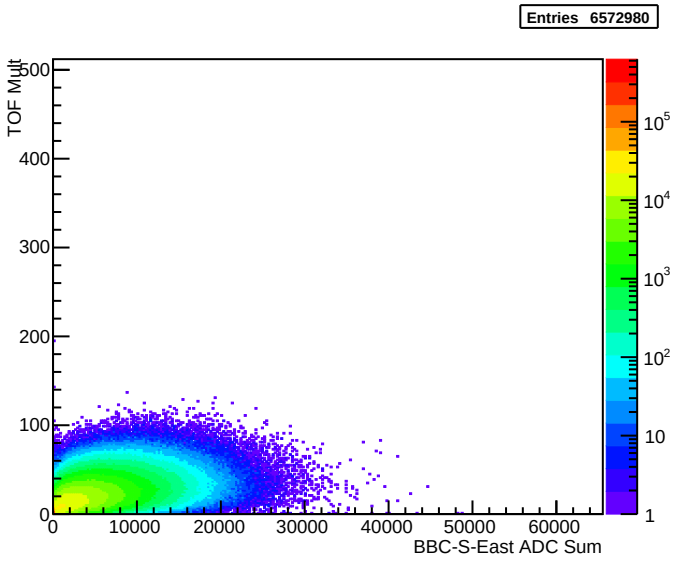


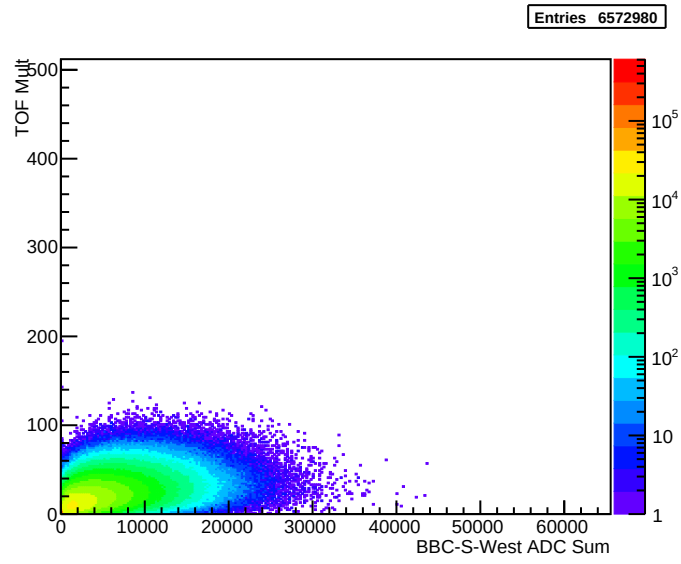
VT201 Input Ch4: VPD Adc Sum Th

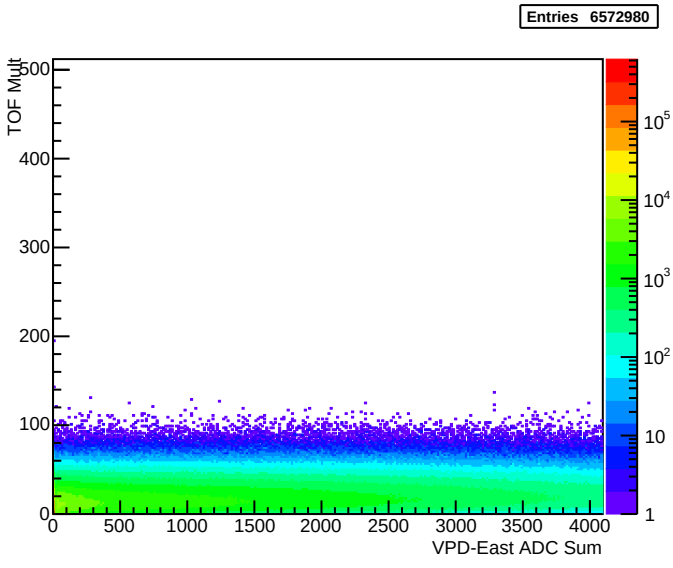


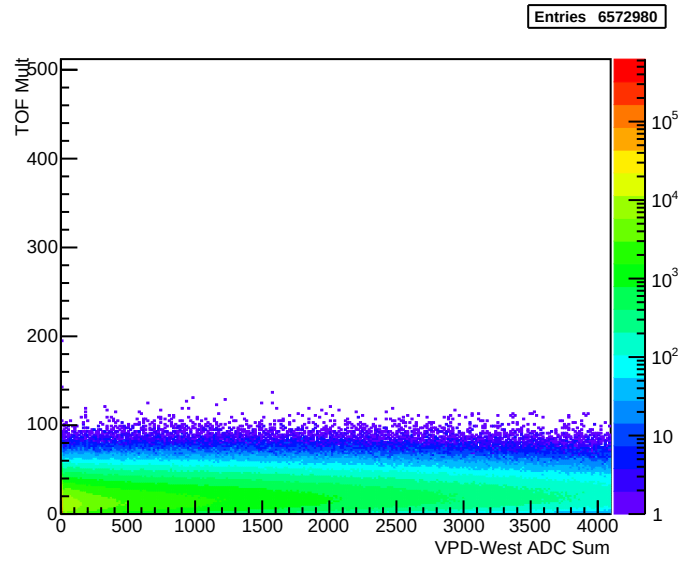
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

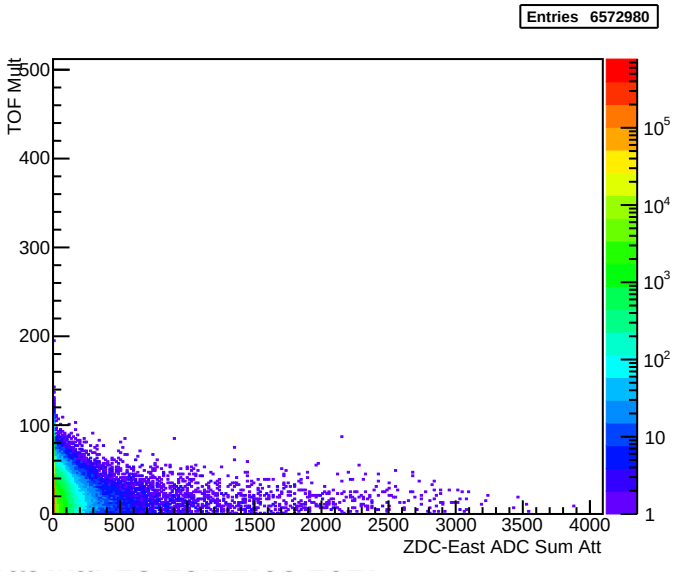


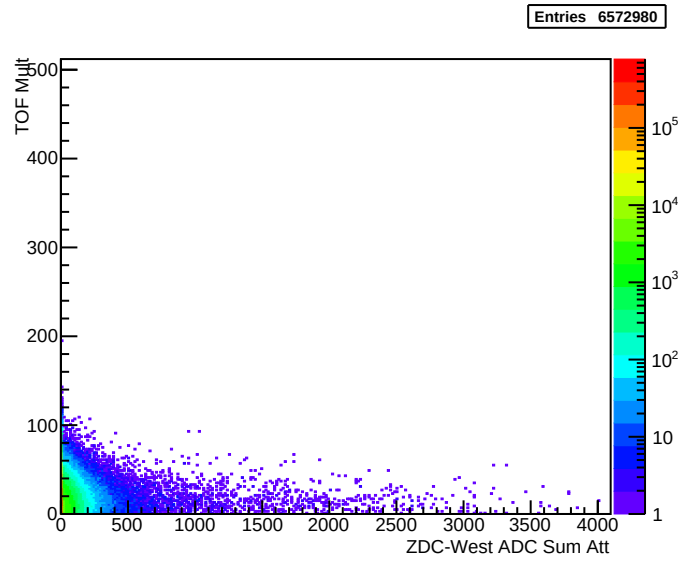

Entries 6572980
TOF Mult
BBC-S-East ADC Sum

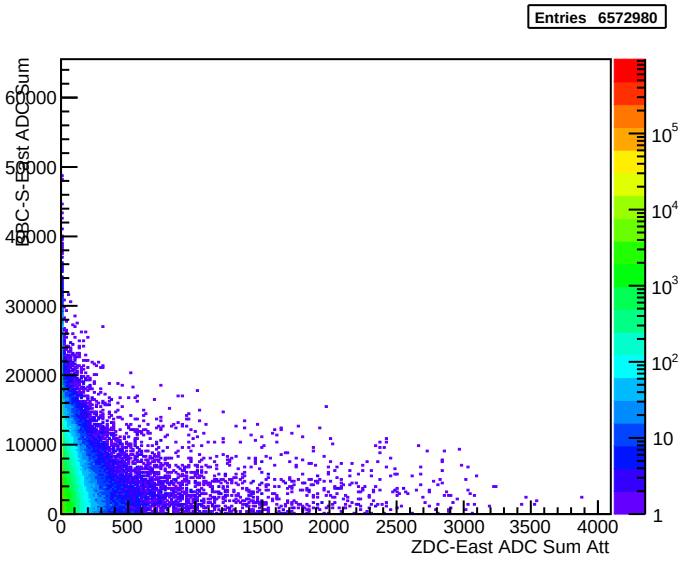

Entries 6572980
TOF Mult
BBC-S-West ADC Sum

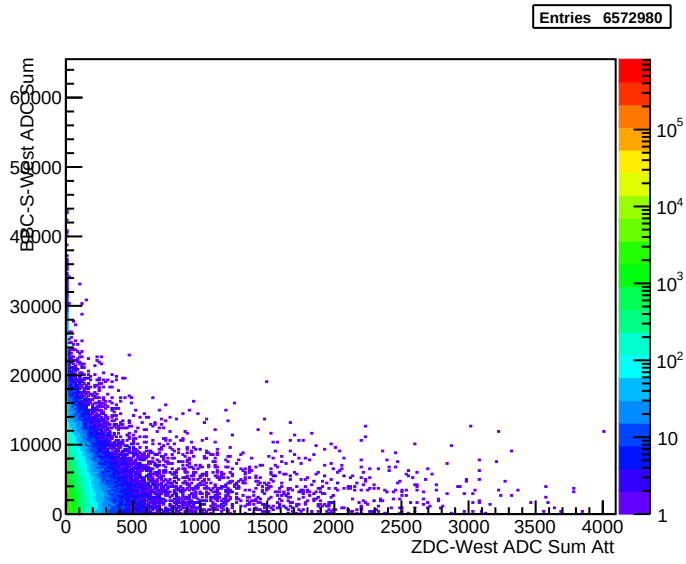

Entries 6572980
TOF Mult
VPD-East ADC Sum

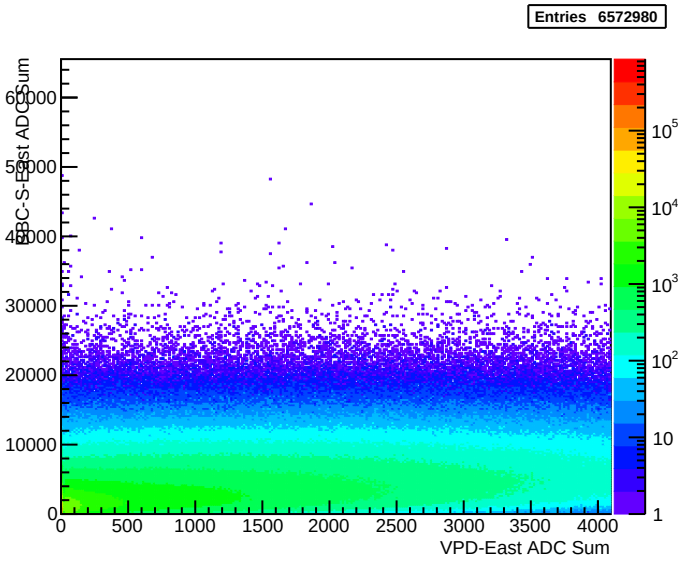

Entries 6572980
TOF Mult
VPD-West ADC Sum

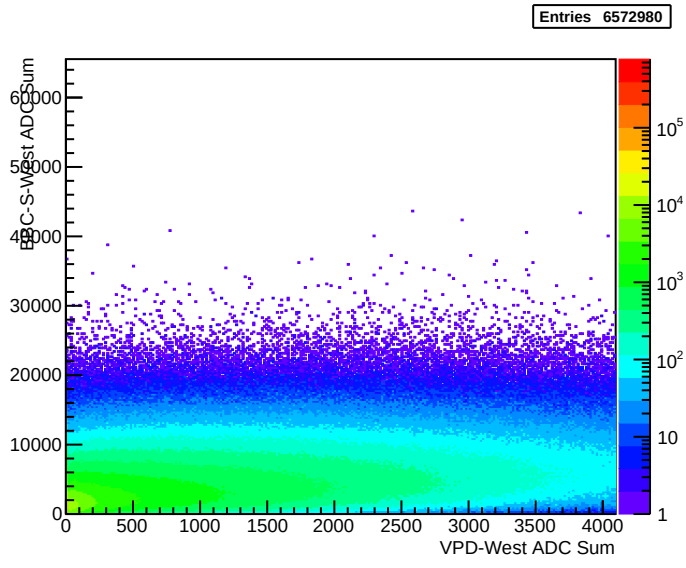

Entries 6572980
TOF Mult
ZDC-East ADC Sum Att

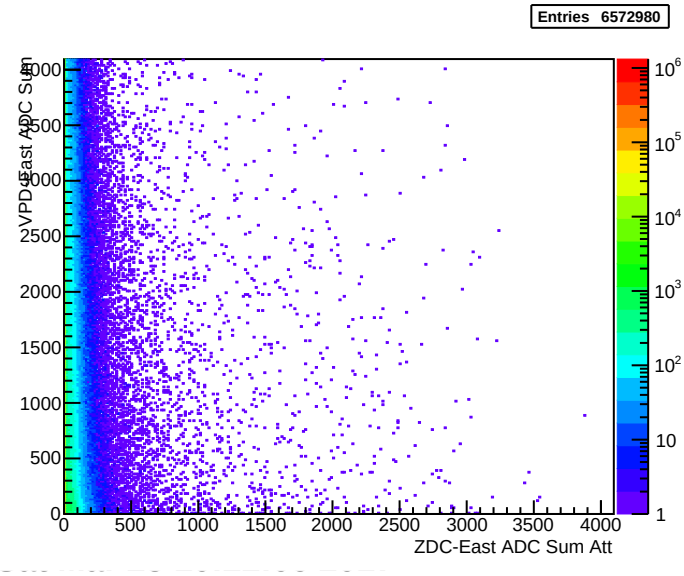

Entries 6572980
TOF Mult
ZDC-West ADC Sum Att

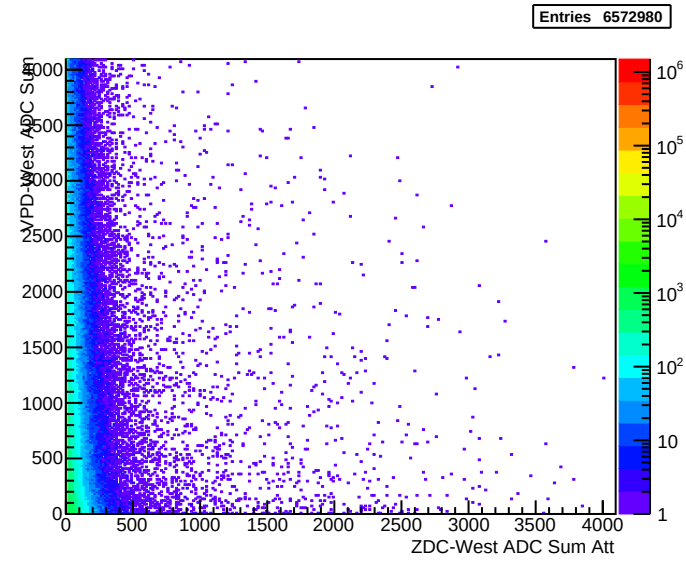

Entries 6572980
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

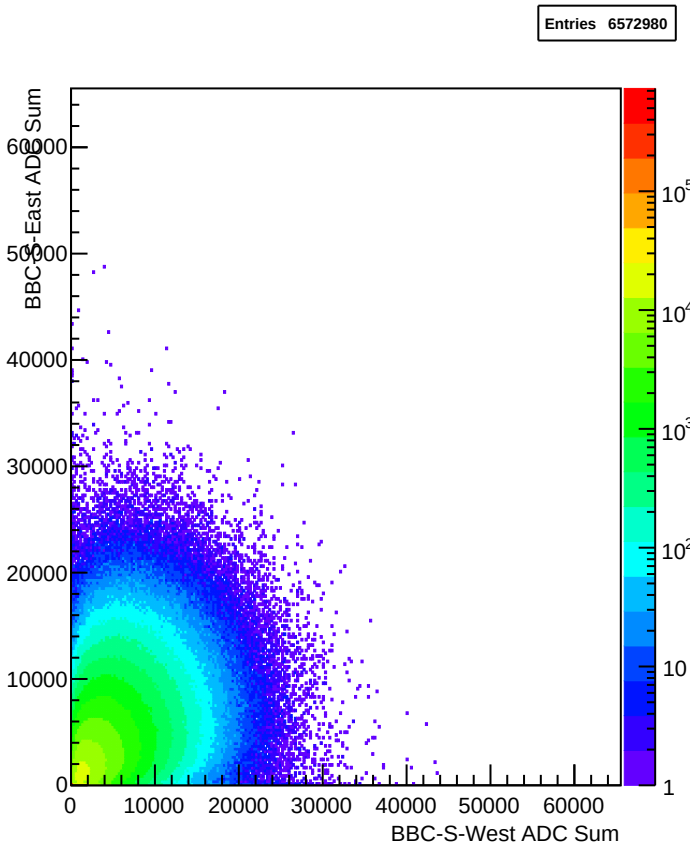

Entries 6572980
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

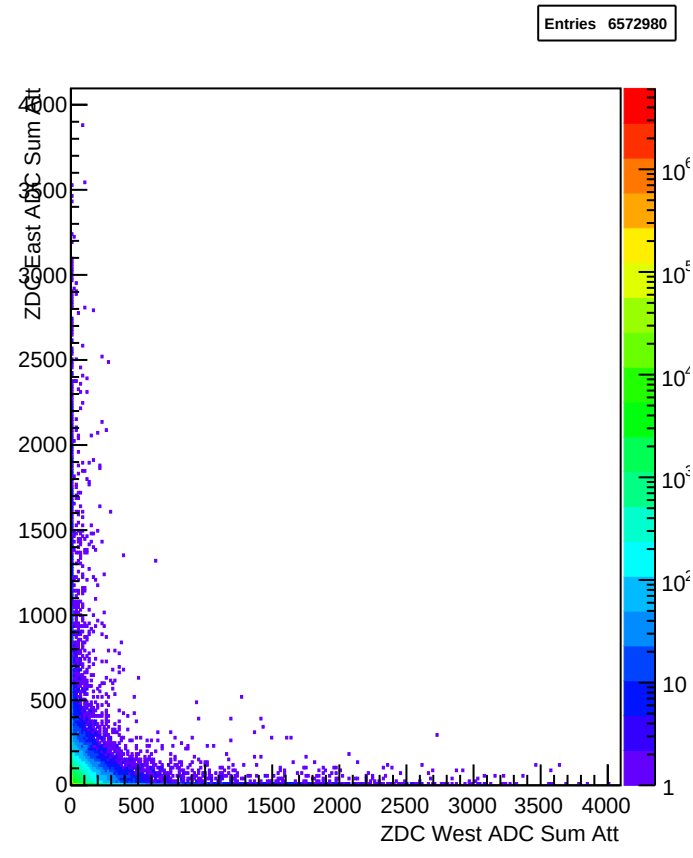

Entries 6572980
BBC-S-East ADC Sum
VPD-East ADC Sum

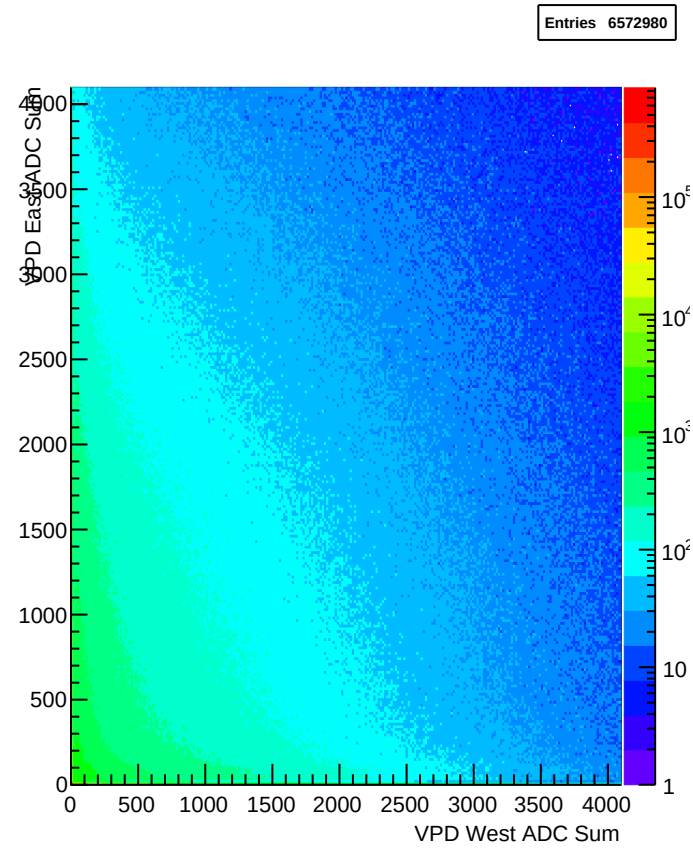

Entries 6572980
BBC-S-West ADC Sum
VPD-West ADC Sum

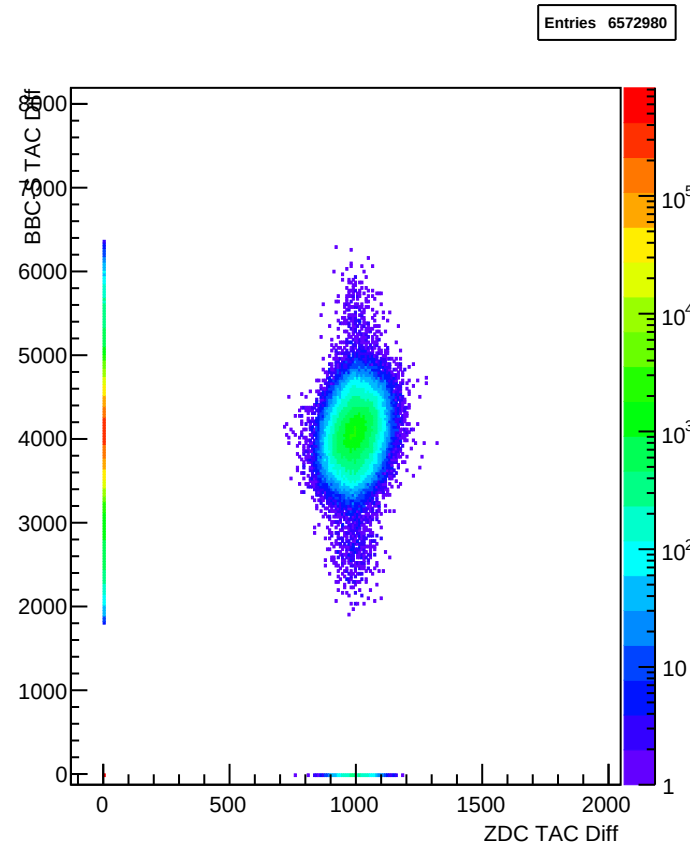

Entries 6572980
VPD-East ADC Sum
ZDC-East ADC Sum Att

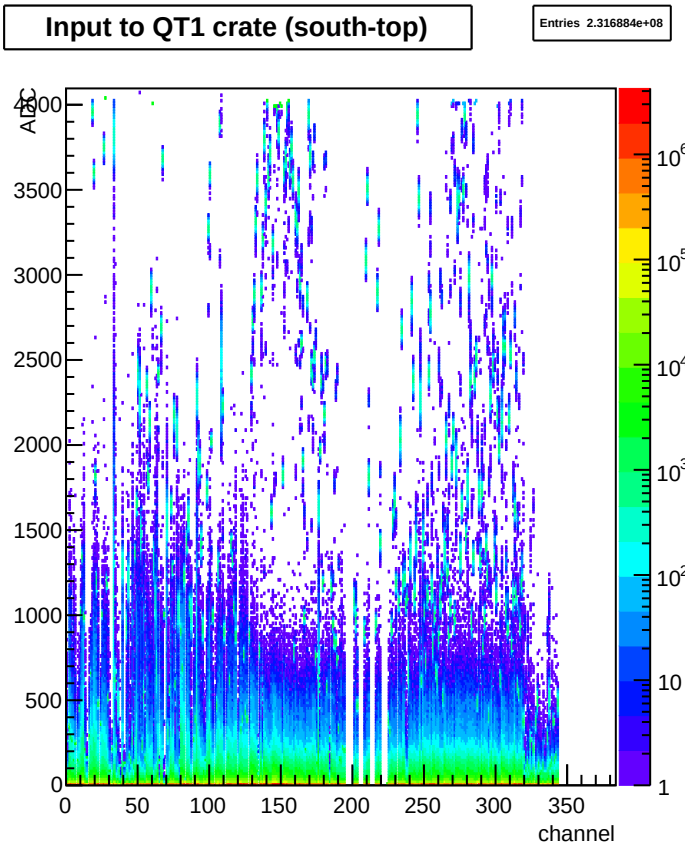

Entries 6572980
VPD-West ADC Sum
ZDC-West ADC Sum Att

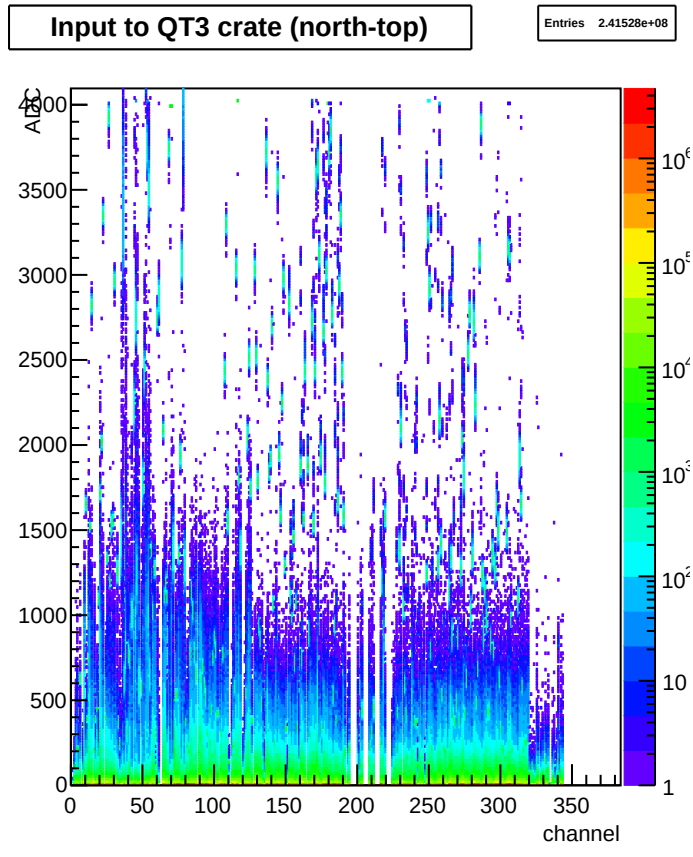

Entries 6572980
BBC-S-East ADC Sum
BBC-S-West ADC Sum

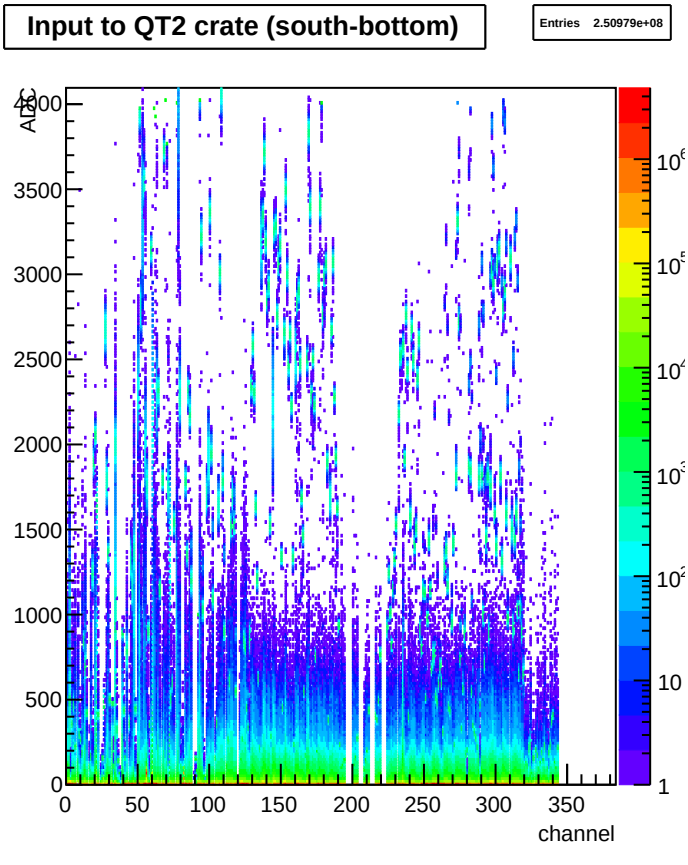

Entries 6572980
ZDC East ADC Sum Att
ZDC West ADC Sum Att

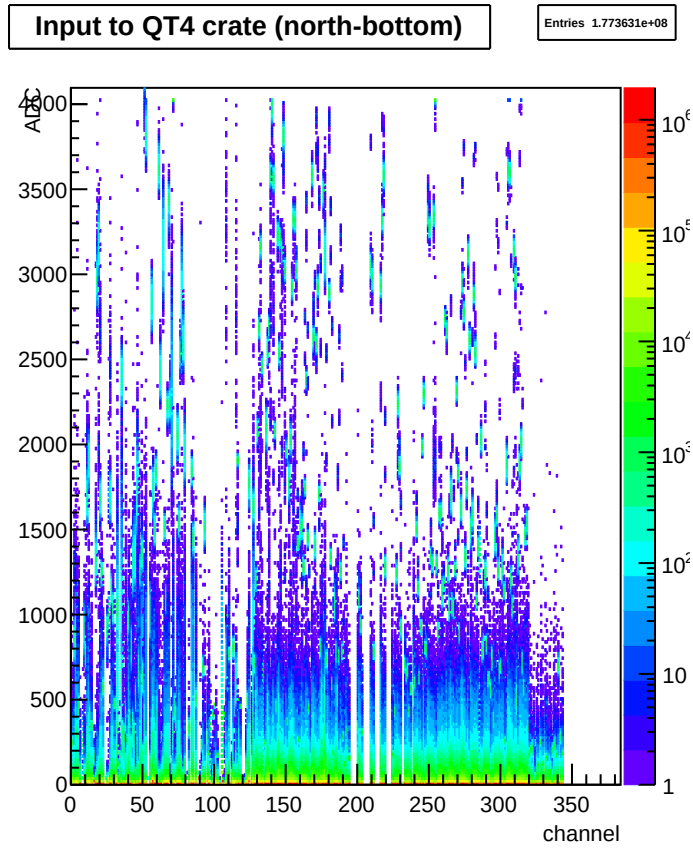

Entries 6572980
VPD East ADC Sum
VPD West ADC Sum

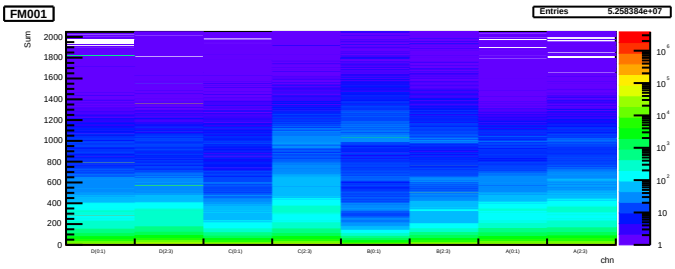

Entries 6572980
BBC-S TAC Diff
ZDC TAC Diff

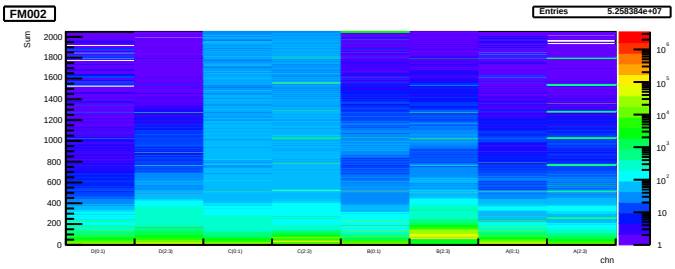

Input to QT1 crate (south-top)
Entries 2.316884e+08
ADC
channel

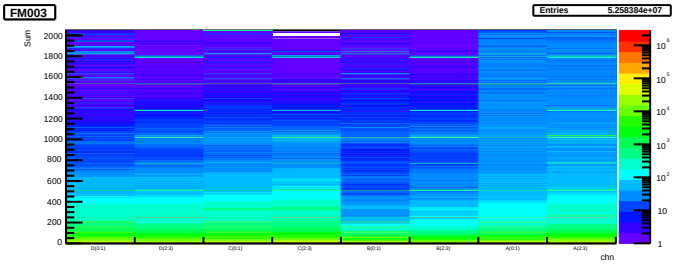

Input to QT3 crate (north-top)
Entries 2.41528e+08
ADC
channel

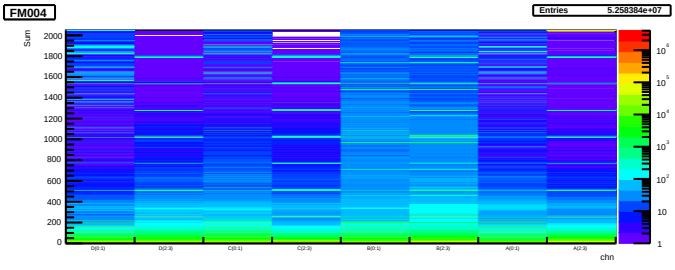

Input to QT2 crate (south-bottom)
Entries 2.50979e+08
ADC
channel

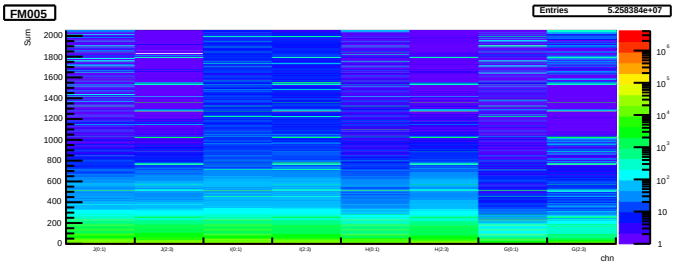

Input to QT4 crate (north-bottom)
Entries 1.773631e+08
ADC
channel

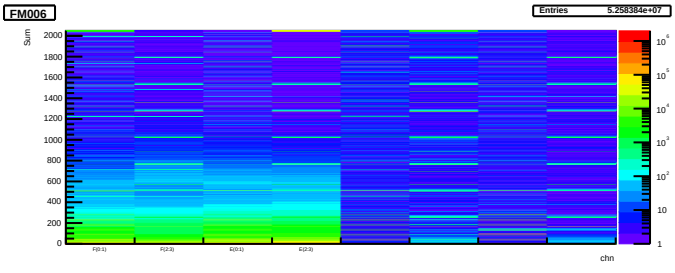

FM001
Entries 5.258384e+07
Sum
chn

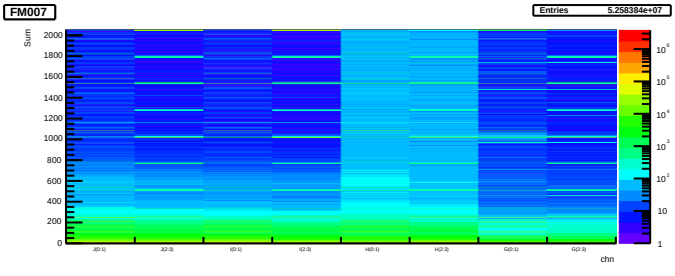

FM002
Entries 5.258384e+07
Sum
chn


FM003
Entries 5.258384e+07
Sum
chn


FM004
Entries 5.258384e+07
Sum
chn


FM005
Entries 5.258384e+07
Sum
chn


FM006
Entries 5.258384e+07
Sum
chn


FM007
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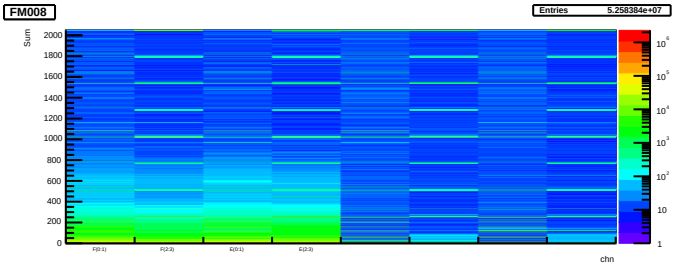
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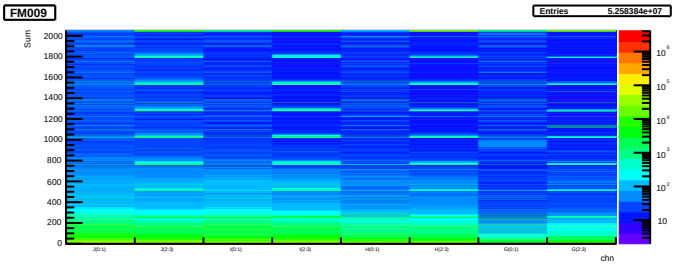
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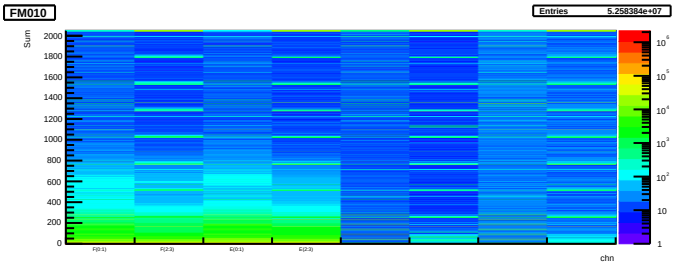
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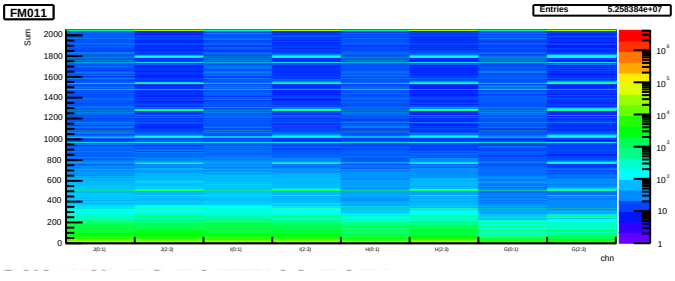
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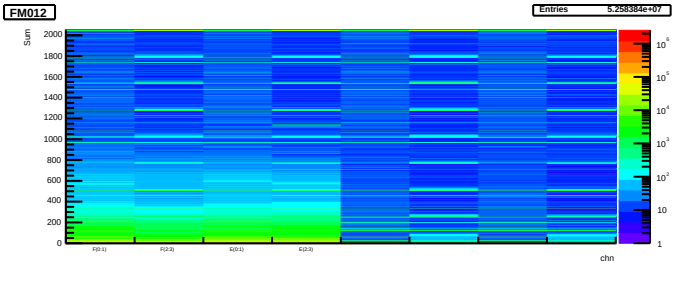
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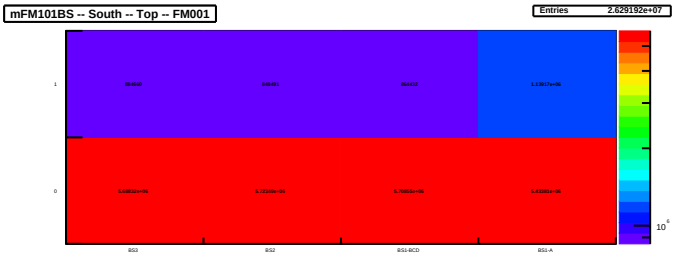
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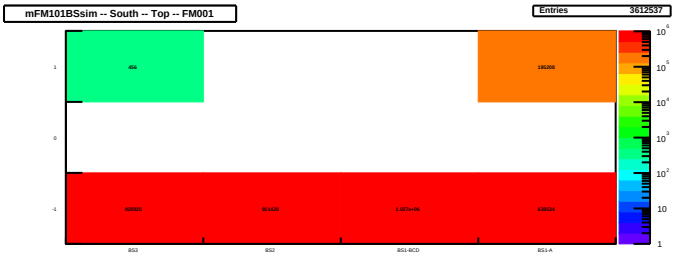
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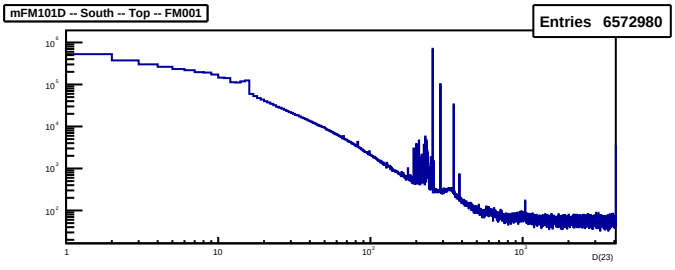
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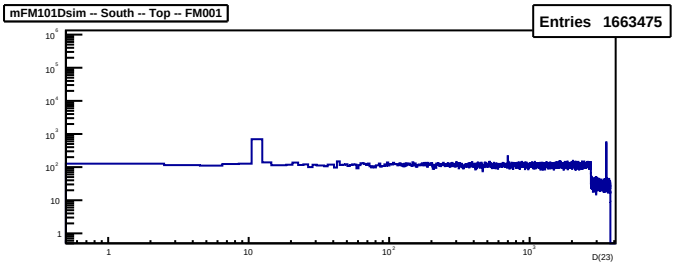
Entries 6572980
D(23)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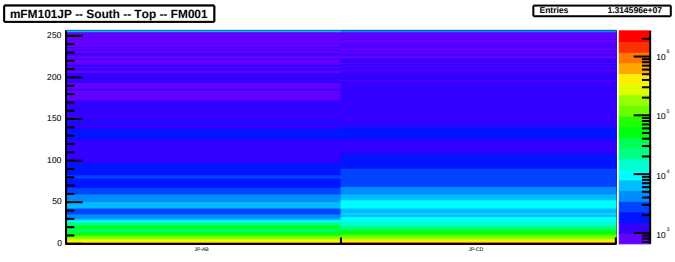
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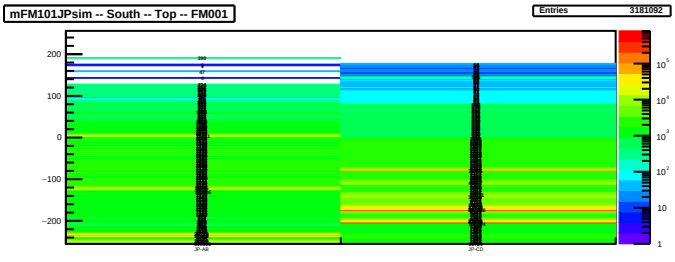
Entries 1.314596e+07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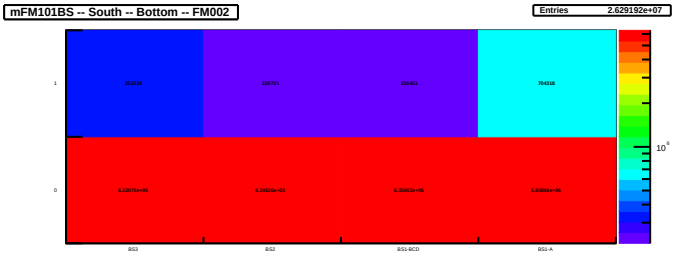
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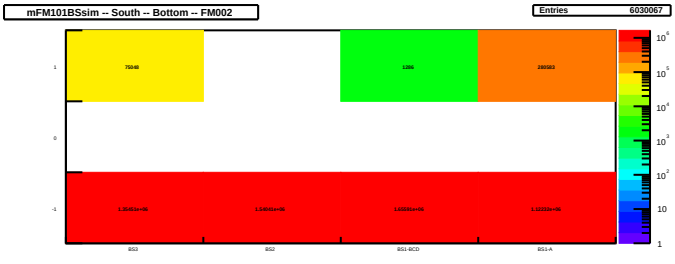
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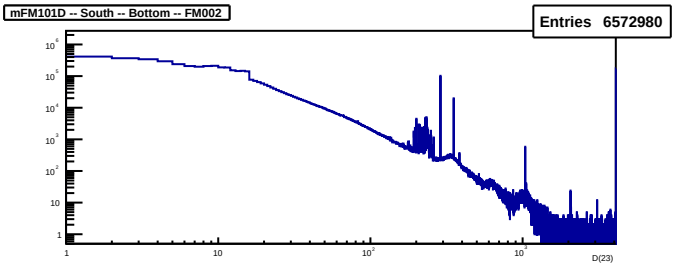
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Entries 6572980
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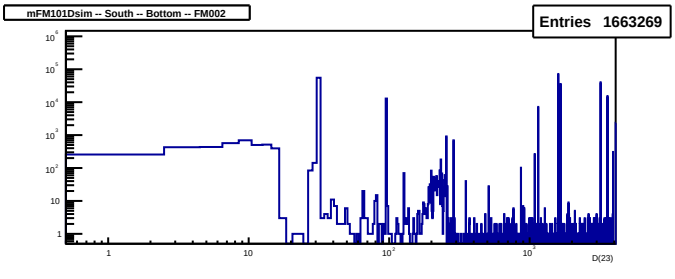
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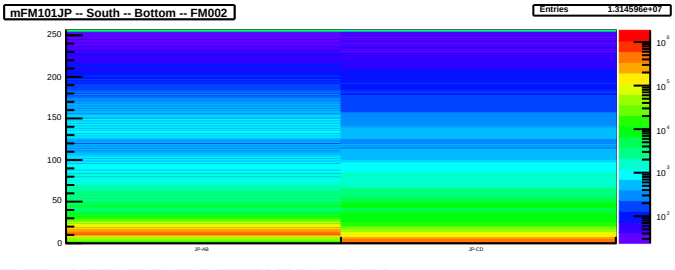
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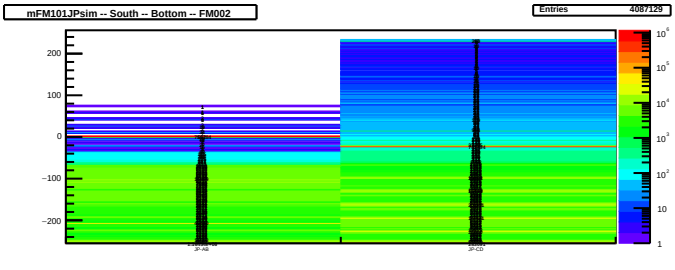
Entries 1.314596e+07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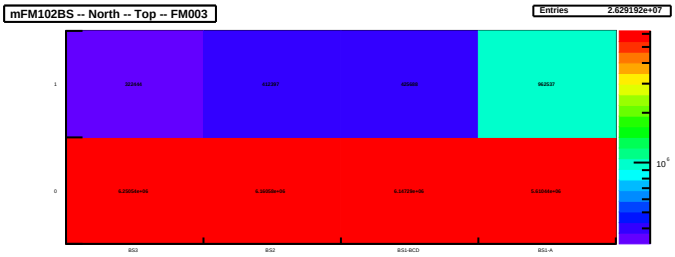
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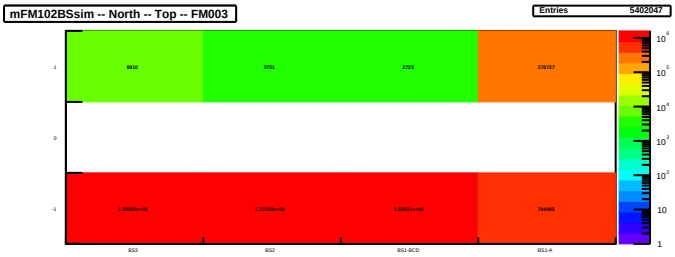
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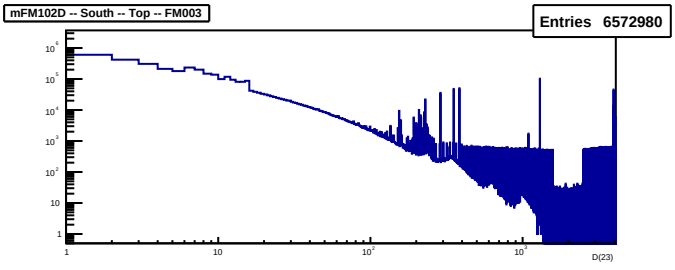
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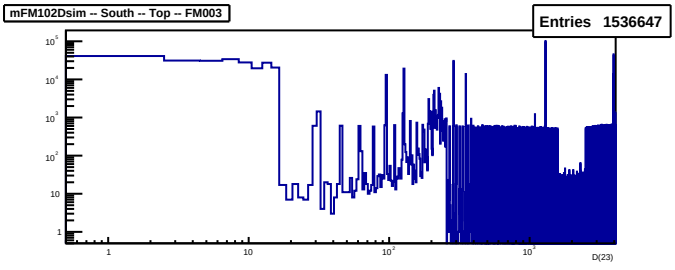
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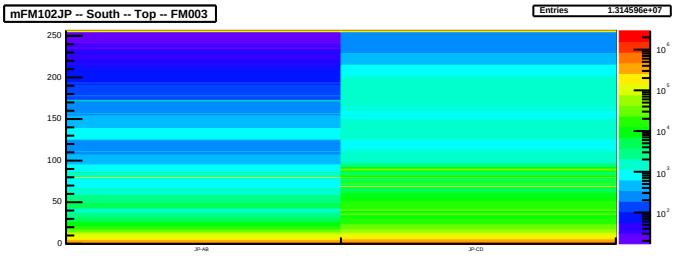
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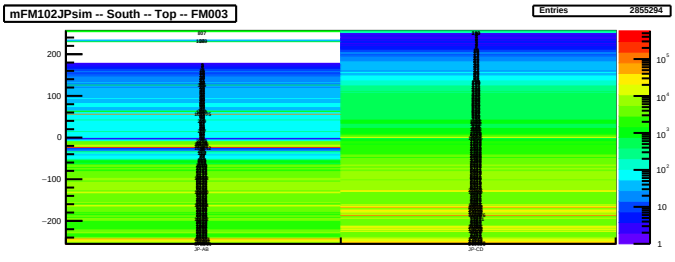
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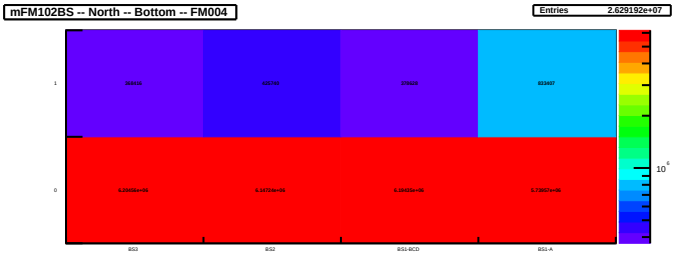
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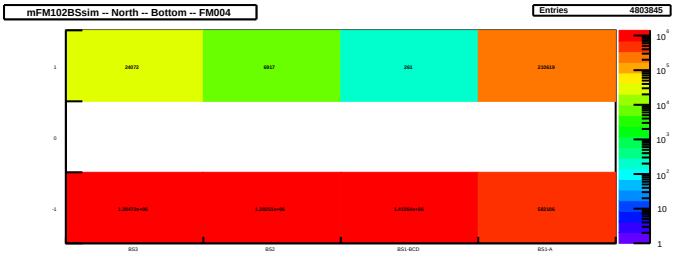
Entries 2.629192e+07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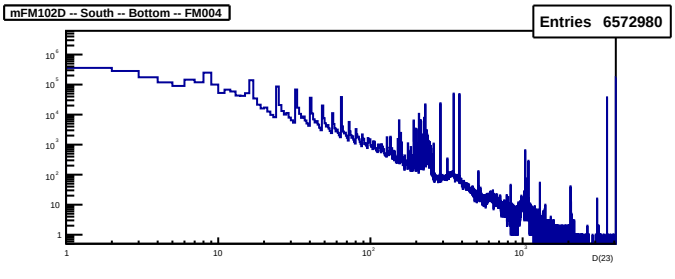
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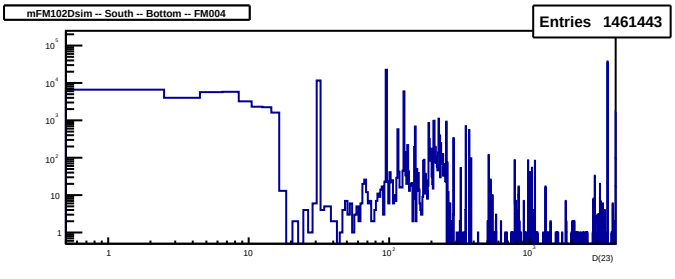
D(23)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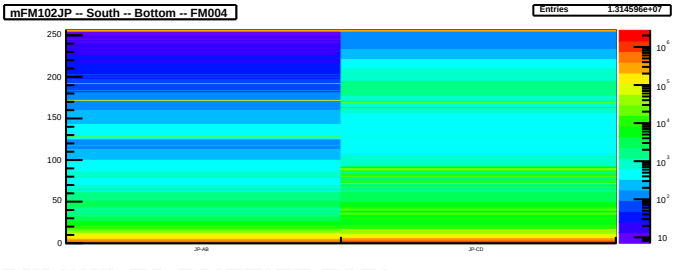
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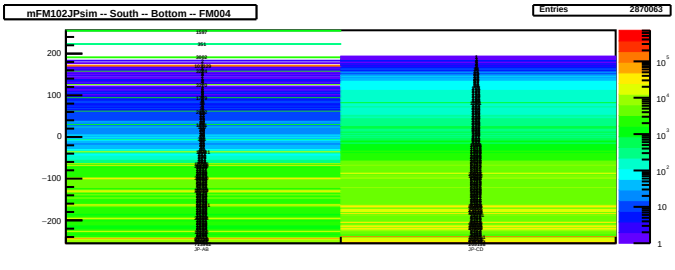
Entries 1.314596e+07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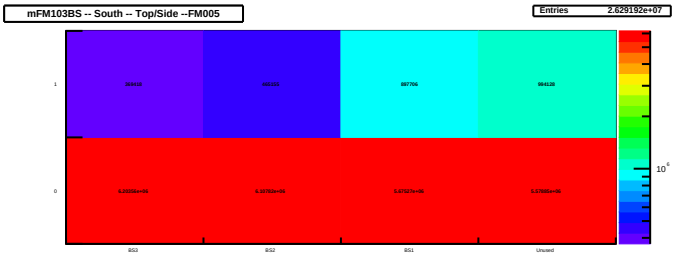
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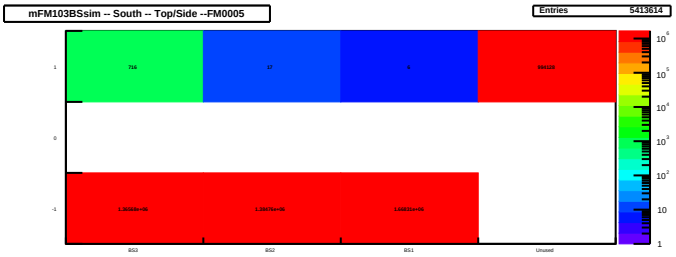
Entries 2.629192e+07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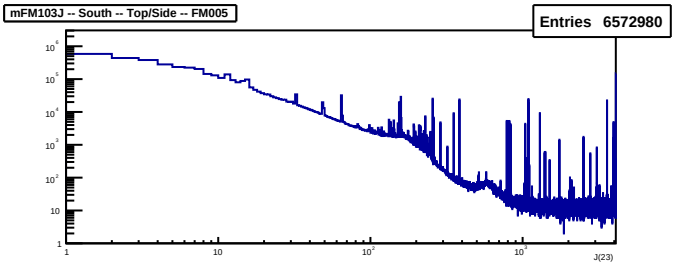
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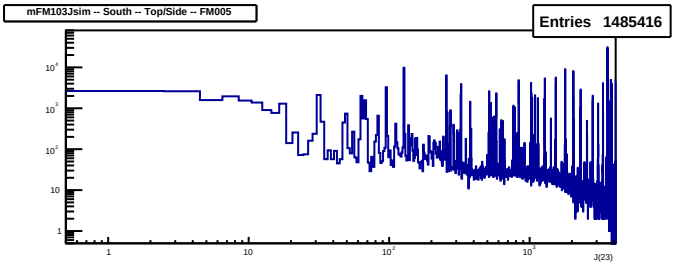
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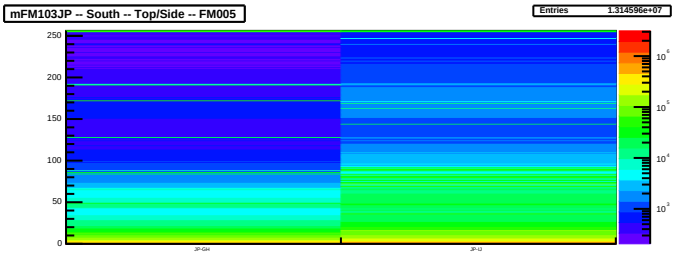
J(23)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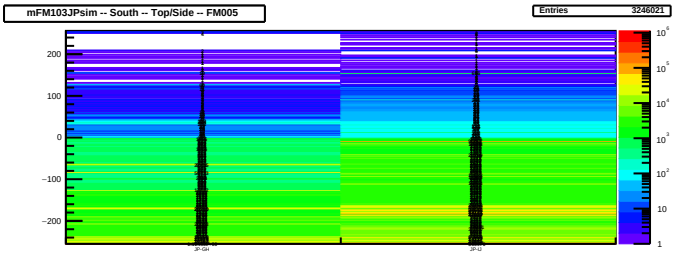
Entries 1.314596e+07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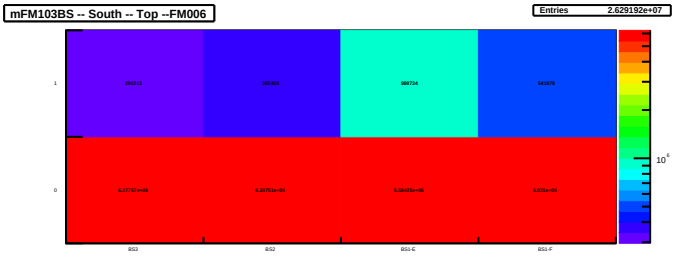
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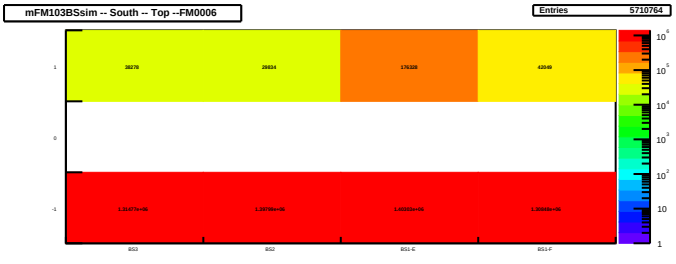
Entries 2.629192e+07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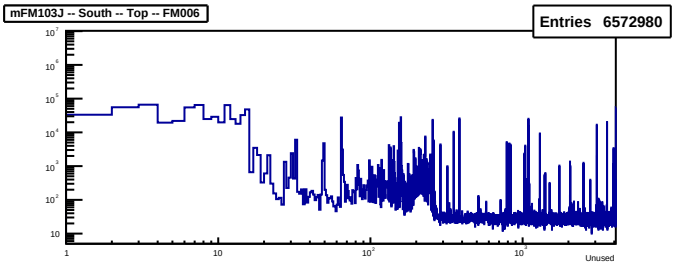
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Entries 6572980
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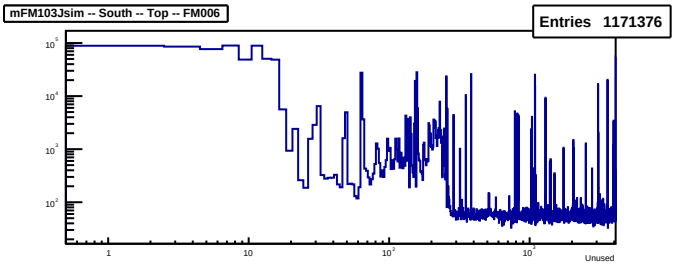
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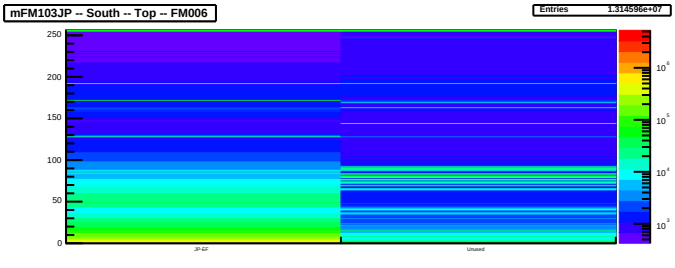
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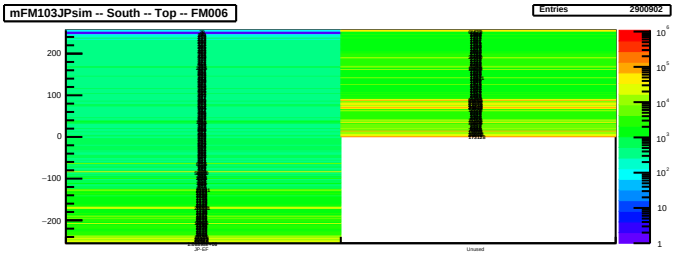
Entries 1.314596e+07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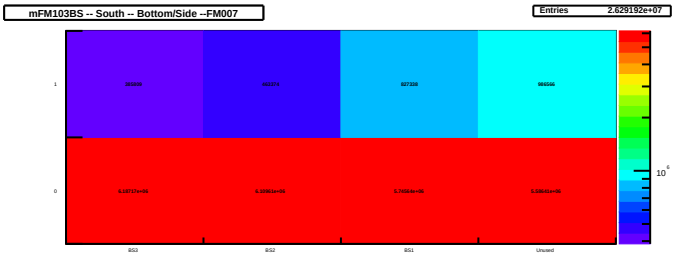
Entries 2900902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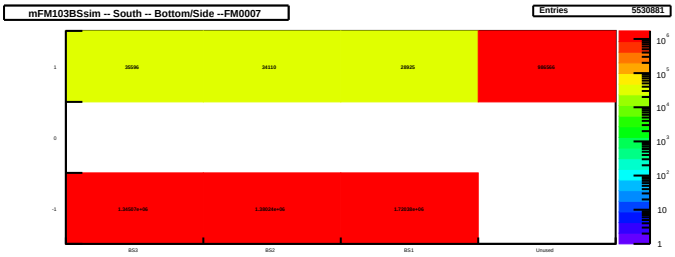
Entries 2.629192e+07
BS3
BS2
BS1
Unused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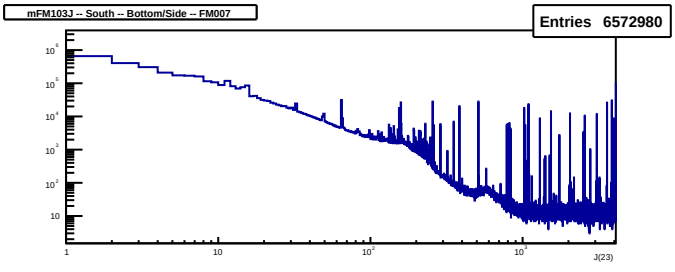
BS3
BS2
BS1
Unused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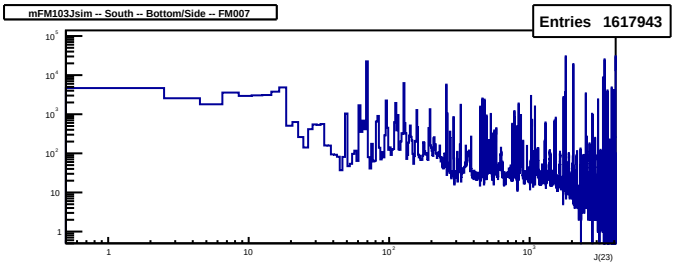
Entries 6572980
J(23)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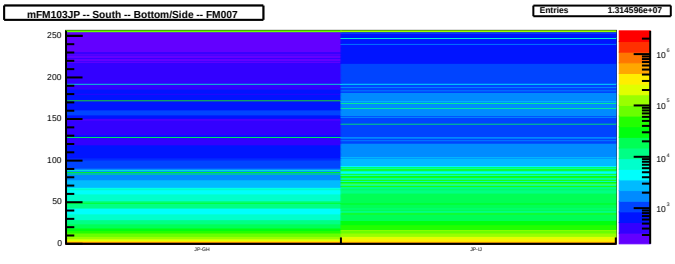
J(23)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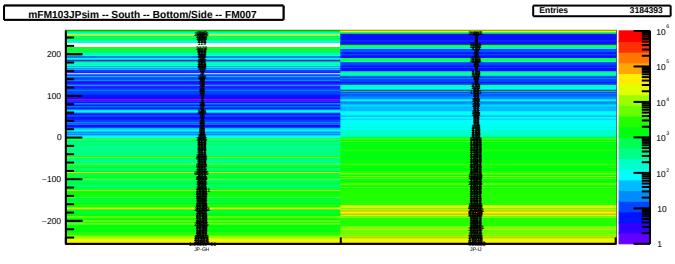
Entries 1.314596e+07
JP-G4
JP-I2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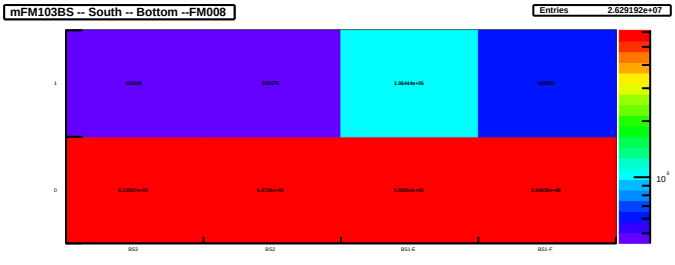
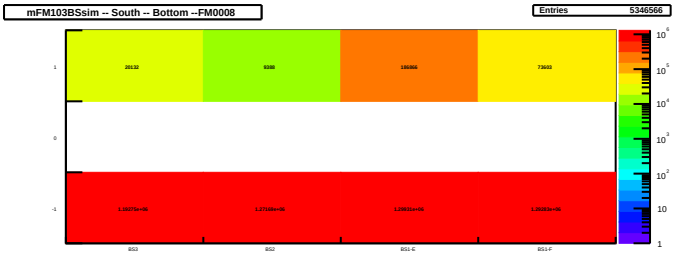
JP-G4
JP-I2


mFM103BS -- South -- Bottom --FM008
Entries 2.629192e+07
BS3
BS2
BS1-E
BS1-F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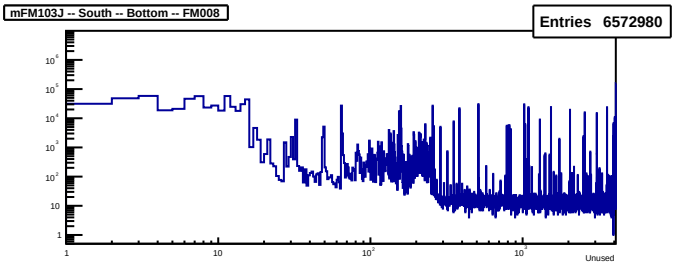
Entries 5346566
BS3
BS2
BS1-E
BS1-F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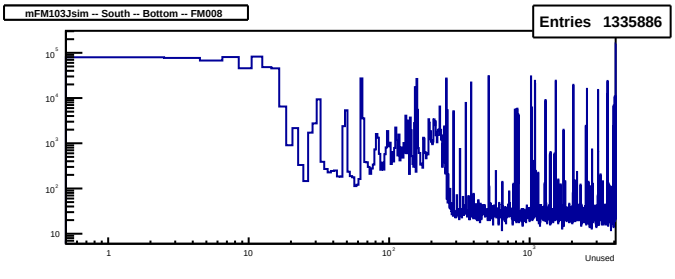
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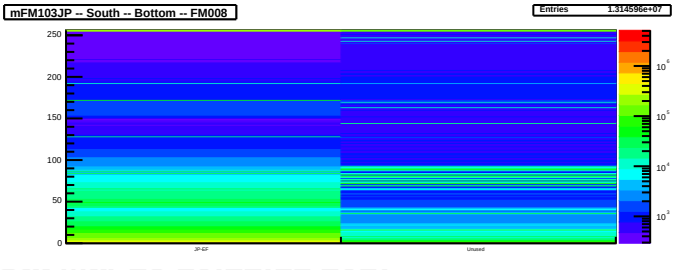
Entries 1335886
Unused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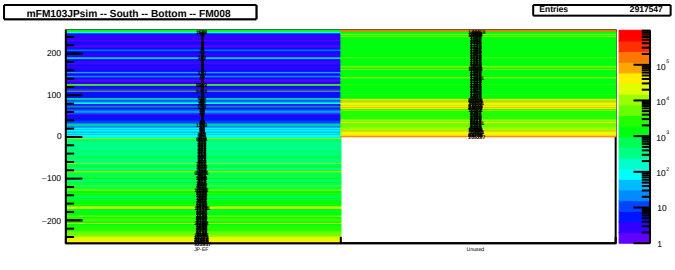
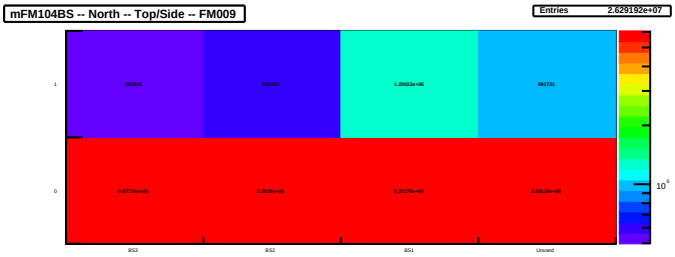
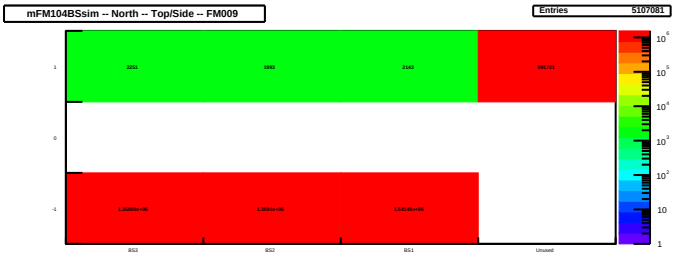
Entries 1.314596e+07
JP-E2
Unused


mFM103JPsim -- South -- Bottom -- FM008
Entries 2917547
JP-E2
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 2.629192e+07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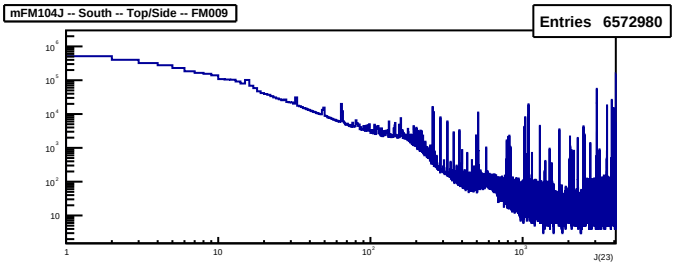
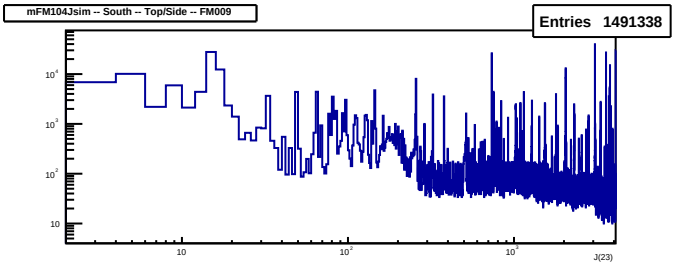
Entries 5107081


mFM104J -- South -- Top/Side -- FM009
Entries 6572980
J(23)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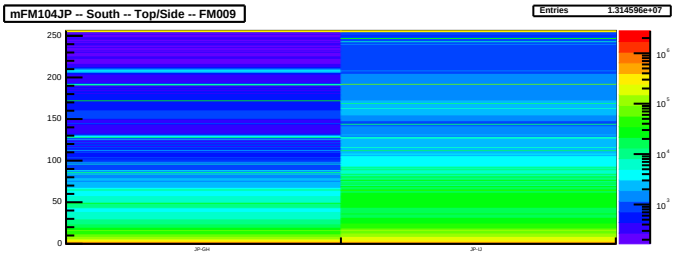
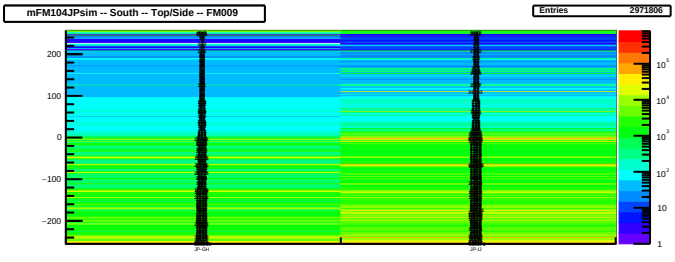
Entries 1491338
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.314596e+07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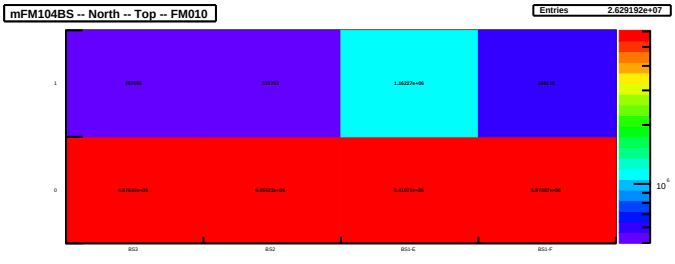
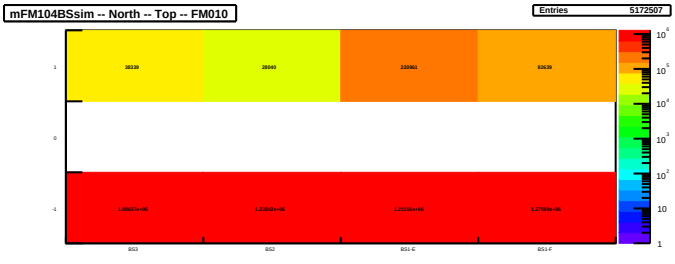
Entries 2971806


mFM104BS -- North -- Top -- FM010
Entries 2.629192e+07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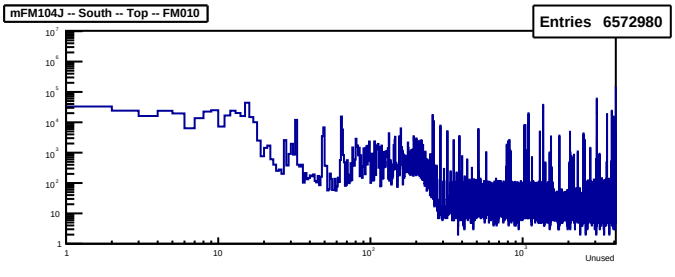
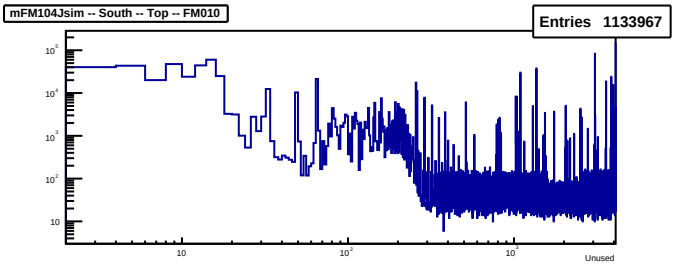
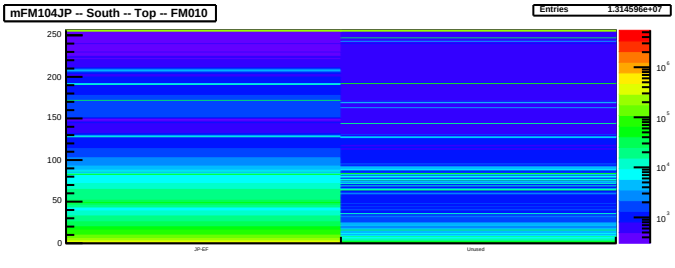
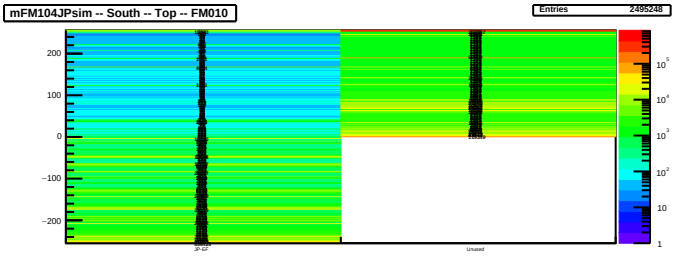
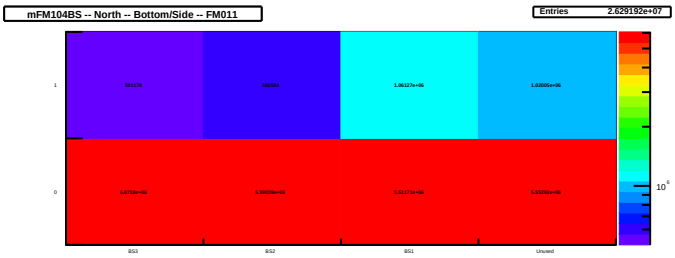
Entries 5172507

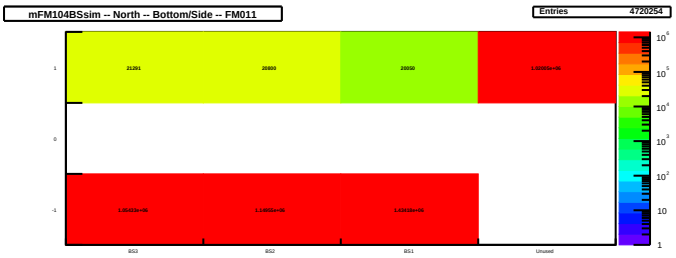

mFM104J -- South -- Top -- FM010
Entries 6572980
Unused

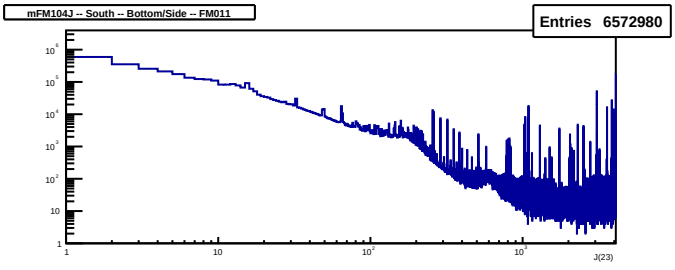

mFM104Jsim -- South -- Top -- FM010
Entries 1133967
Unused

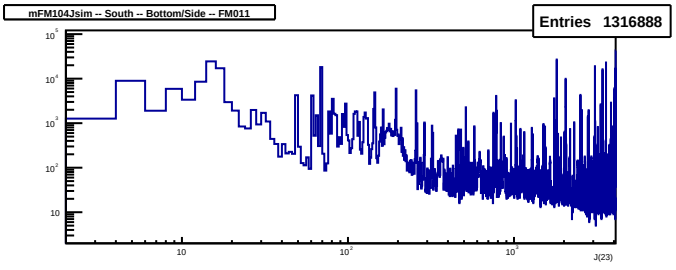

mFM104JP -- South -- Top -- FM010
Entries 1.314596e+07

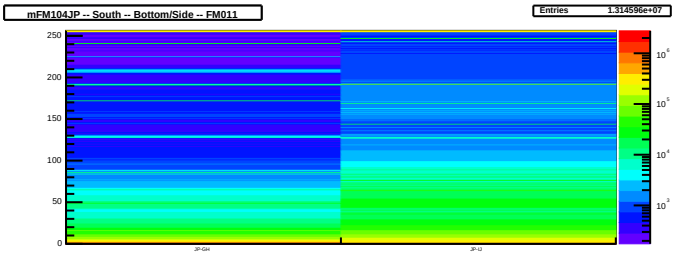

mFM104JPsim -- South -- Top -- FM010
Entries 2495248

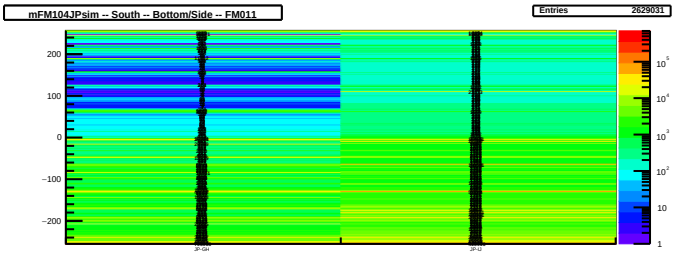

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.629192e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4720254


mFM104J -- South -- Bottom/Side -- FM011
Entries 6572980
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1316888
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.314596e+07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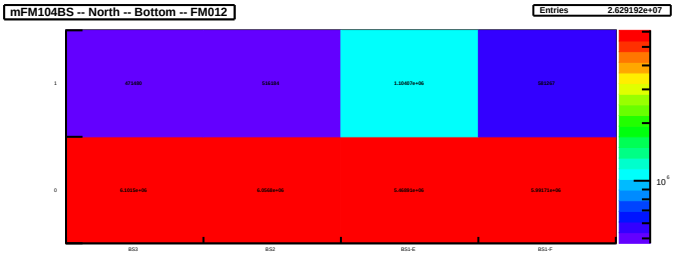
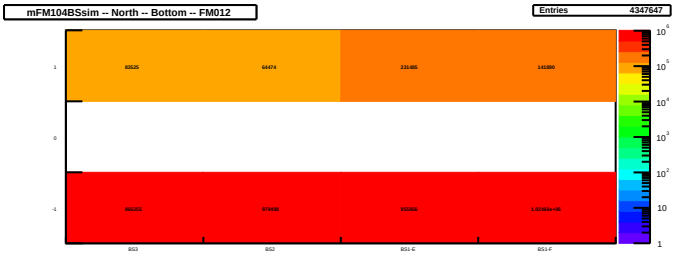
Entries 2629031


mFM104BS -- North -- Bottom -- FM012
Entries 2.629192e+07


mFM104BSsim -- North -- Bottom -- FM012
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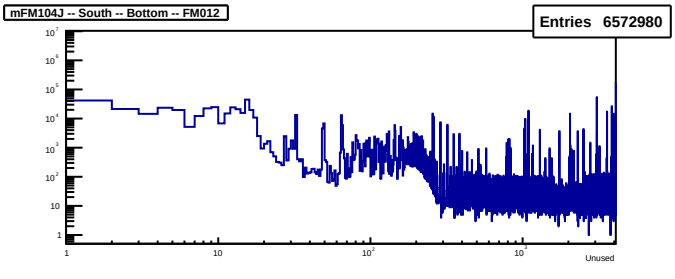
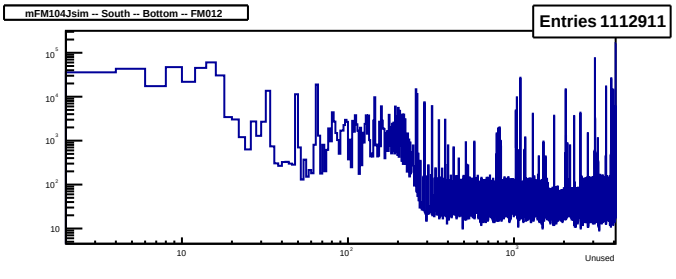
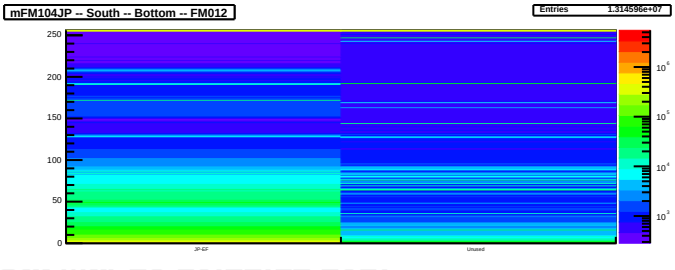
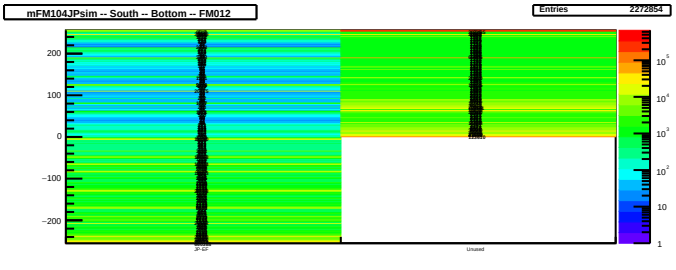
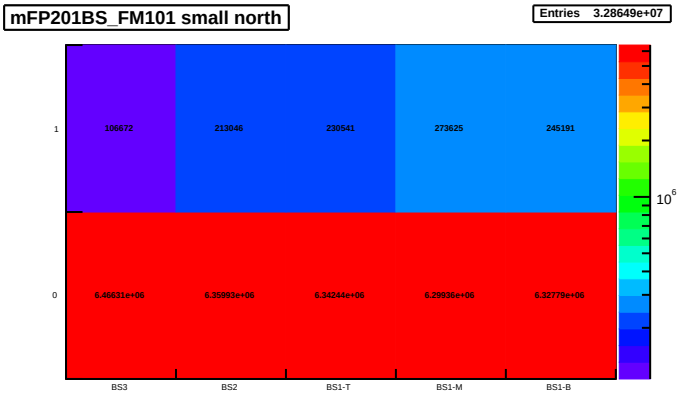
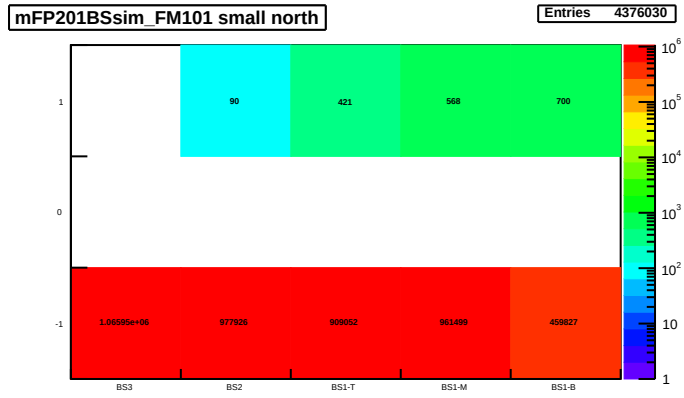

mFM104J -- South -- Bottom -- FM012
Entries 6572980
Unused

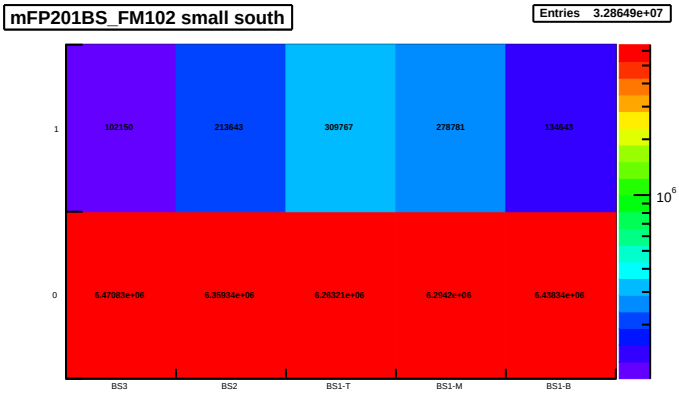

mFM104Jsim -- South -- Bottom -- FM012
Entries 1112911
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.314596e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2272854


mFP201BS_FM101 small north
Entries 3.28649e+07
1
0
106672
213046
230541
273625
245191
6.46631e+06
6.35993e+06
6.34244e+06
6.29936e+06
6.32779e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 4376030
1
0
-1
90
421
568
700
1.06595e+06
977926
909052
961499
459827
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 3.28649e+07
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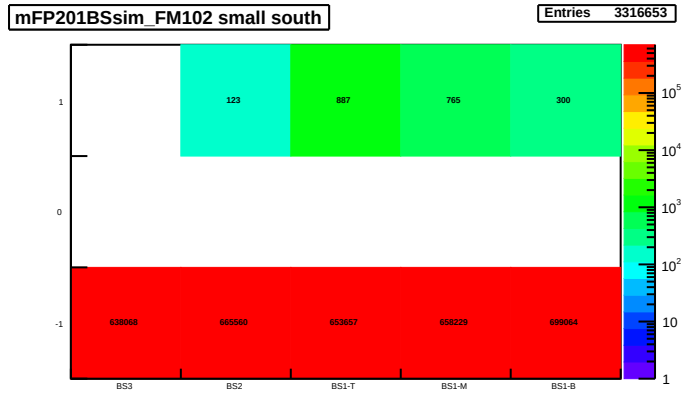
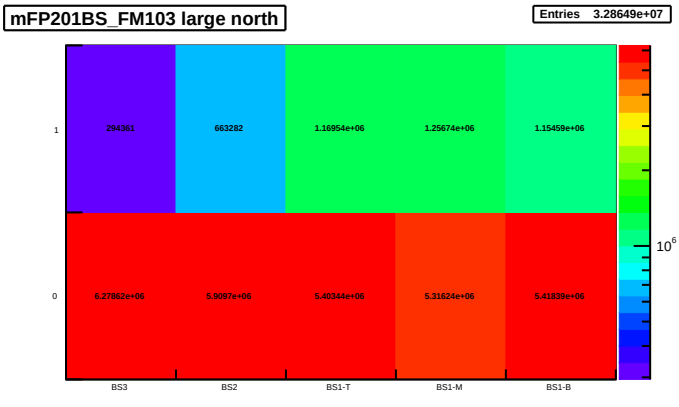
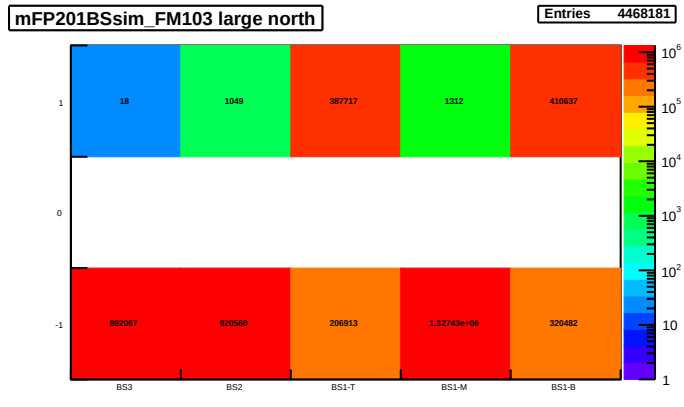
0
102150
213643
309767
278781
134643
6.47083e+06
6.35934e+06
6.26321e+06
6.2942e+06
6.43834e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 3316653
1
0
-1
123
887
765
300
638068
665560
653657
658229
699064
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 3.28649e+07
1
0
294361
663282
1.16954e+06
1.25674e+06
1.15459e+06
6.27862e+06
5.9097e+06
5.40344e+06
5.31624e+06
5.41839e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 4468181
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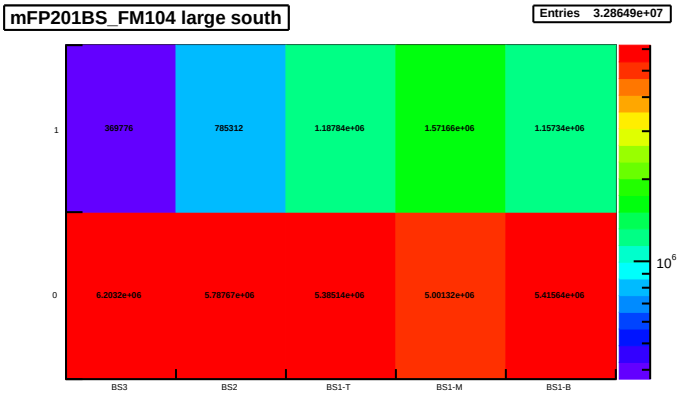
0
-1
18
1049
387717
1312
410637
892067
920560
206913
1.32743e+06
320482
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 3.28649e+07
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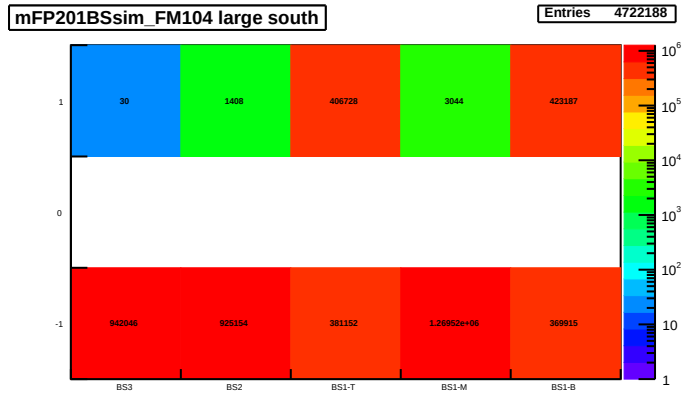
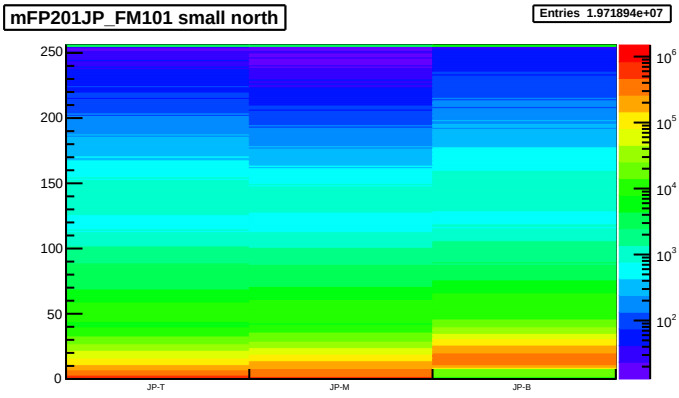
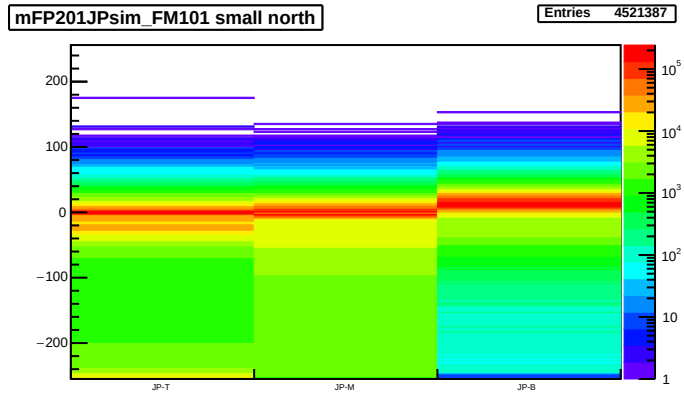
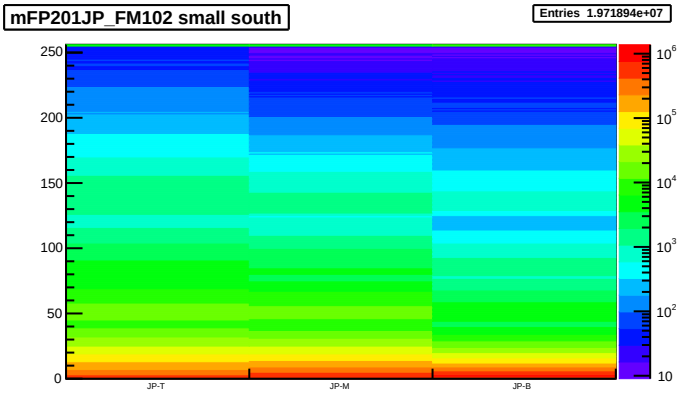
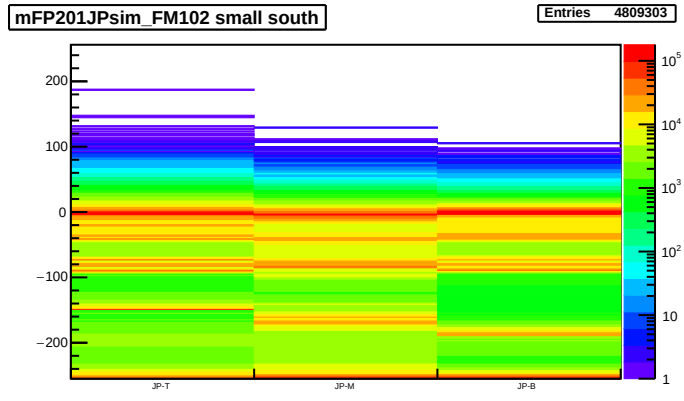
0
369776
785312
1.18784e+06
1.57166e+06
1.15734e+06
6.2032e+06
5.78767e+06
5.38514e+06
5.00132e+06
5.41564e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

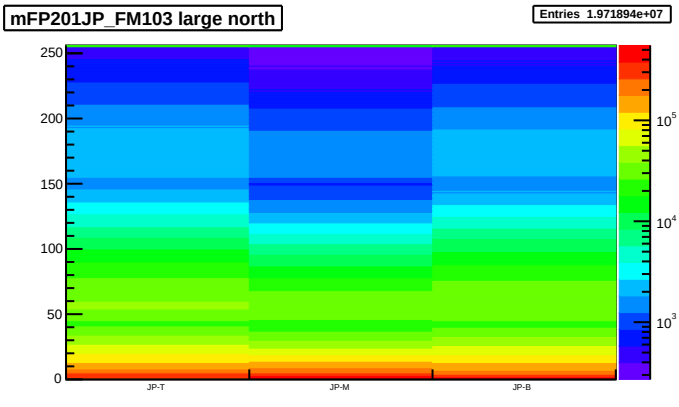

mFP201BSsim_FM104 large south
Entries 4722188
1
0
-1
30
1408
406728
3044
423187
942046
925154
381152
1.26952e+06
369915
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

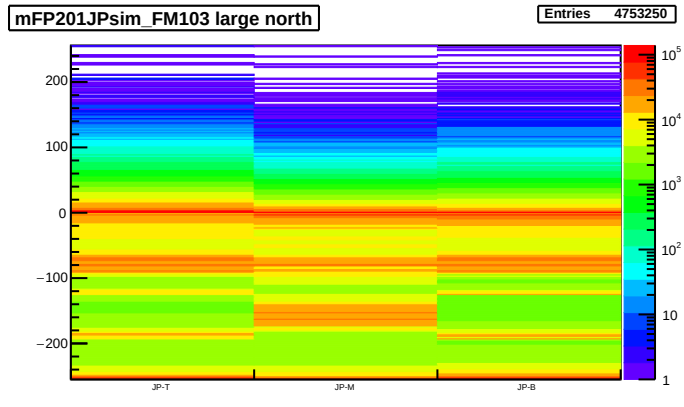

mFP201JP_FM101 small north
Entries 1.971894e+07
JP-T
JP-M
JP-B

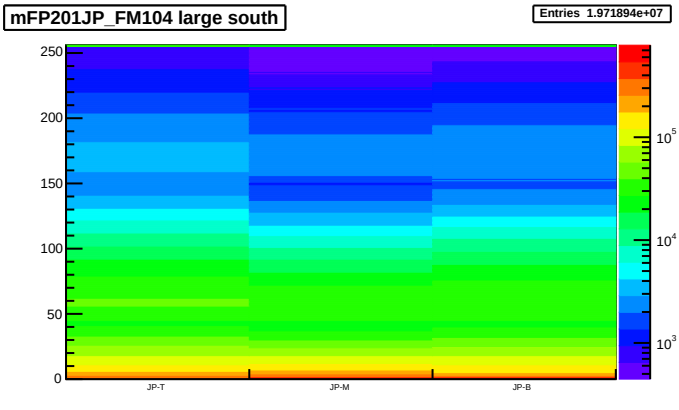

mFP201JPsim_FM101 small north
Entries 4521387
JP-T
JP-M
JP-B

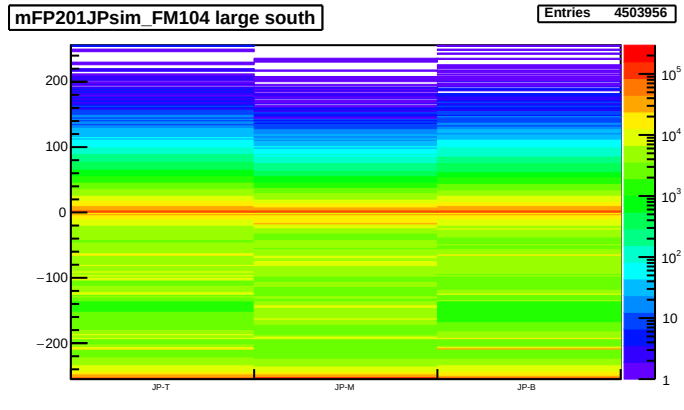

mFP201JP_FM102 small south
Entries 1.971894e+07
JP-T
JP-M
JP-B

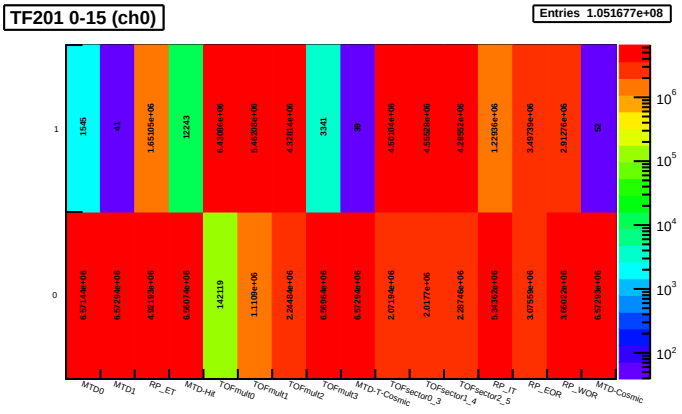

mFP201JPsim_FM102 small south
Entries 4809303
JP-T
JP-M
JP-B

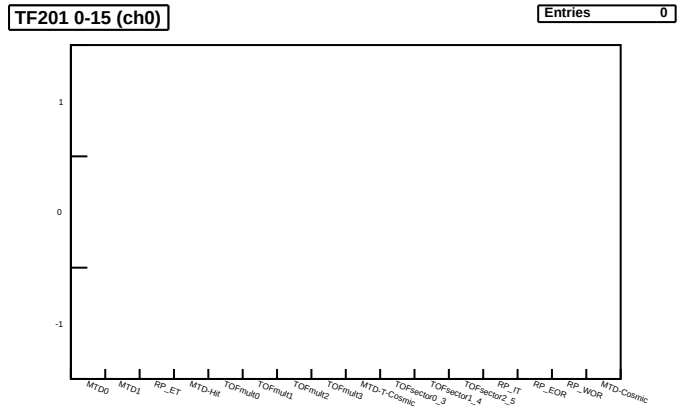

mFP201JP_FM103 large north
Entries 1.971894e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 4753250
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.971894e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 4503956
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.051677e+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
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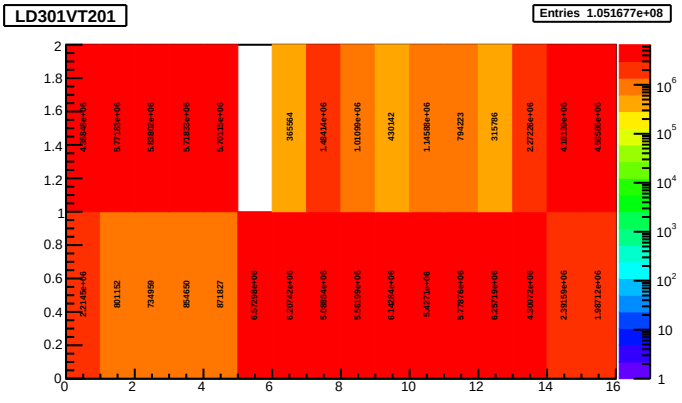
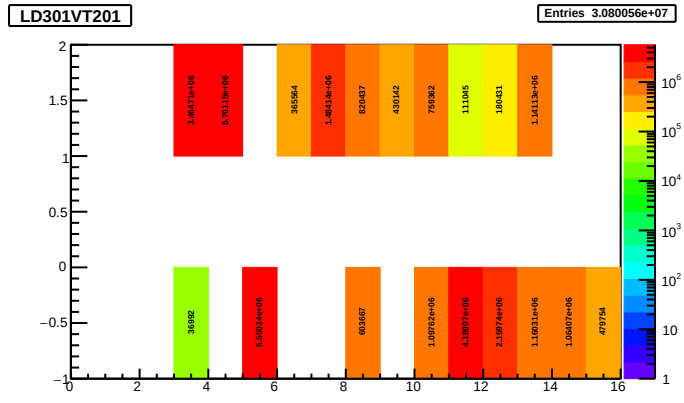
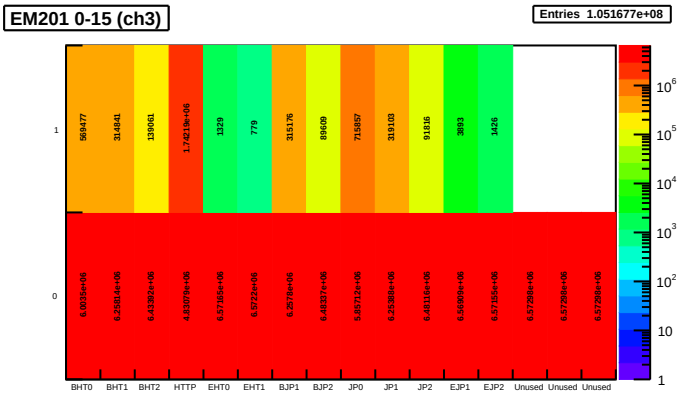
TOFsector2_5
RP_IT
RP_EOR
RP_WOR
MTD-Cosmic


LD301VT201
Entries 1.051677e+08


LD301VT201
Entries 3.080056e+07


EM201 0-15 (ch3)
Entries 1.051677e+08
BHT0
BHT1
BHT2
HTTP
EHT0
EHT1
BJP1
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EJP2
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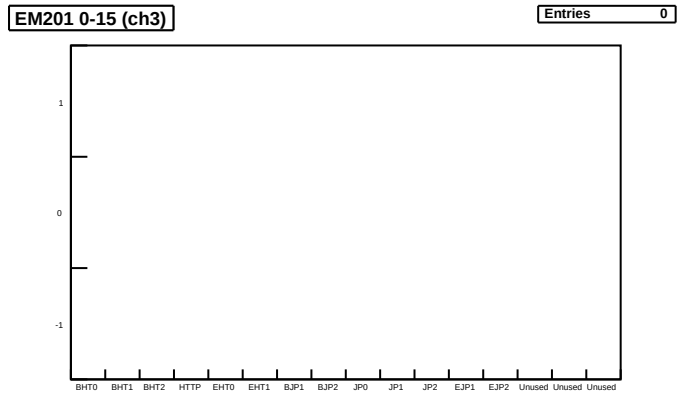
Unused
Unused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BHT2
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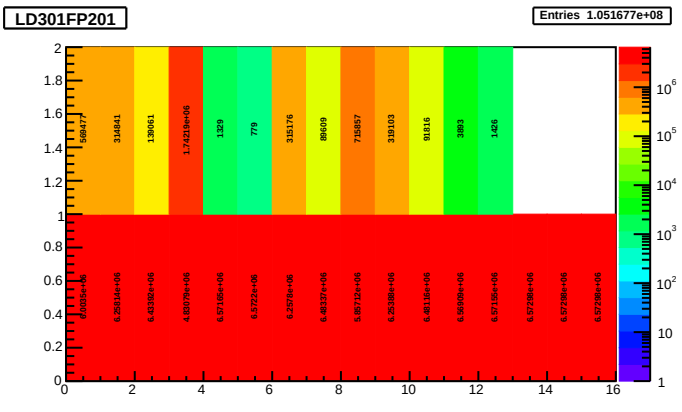
LD301FP201
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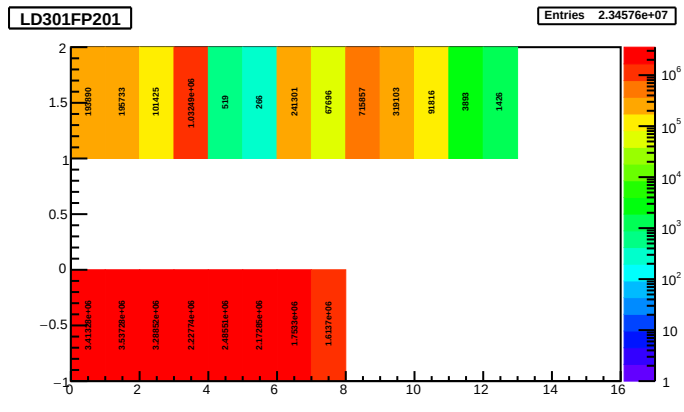
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