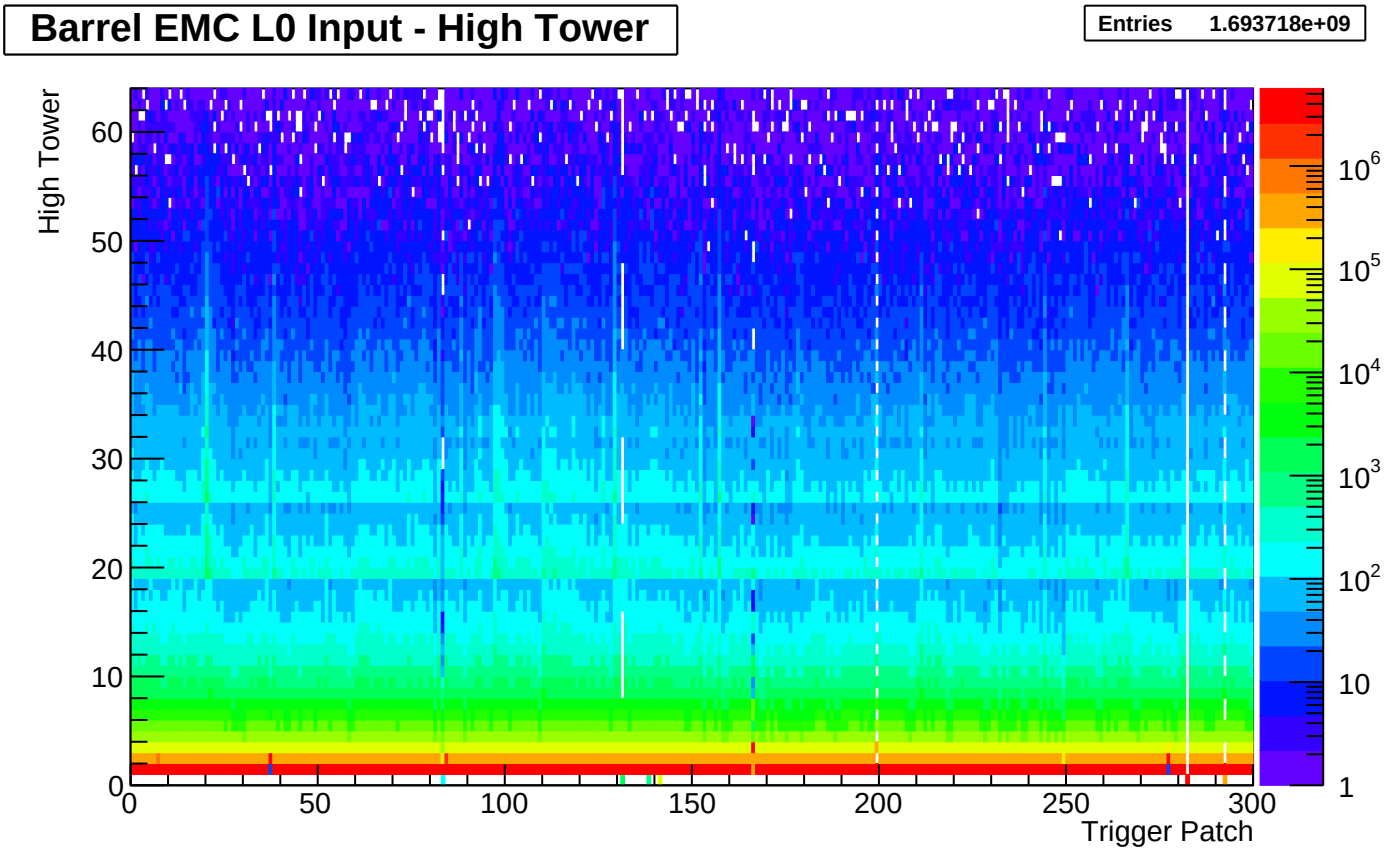
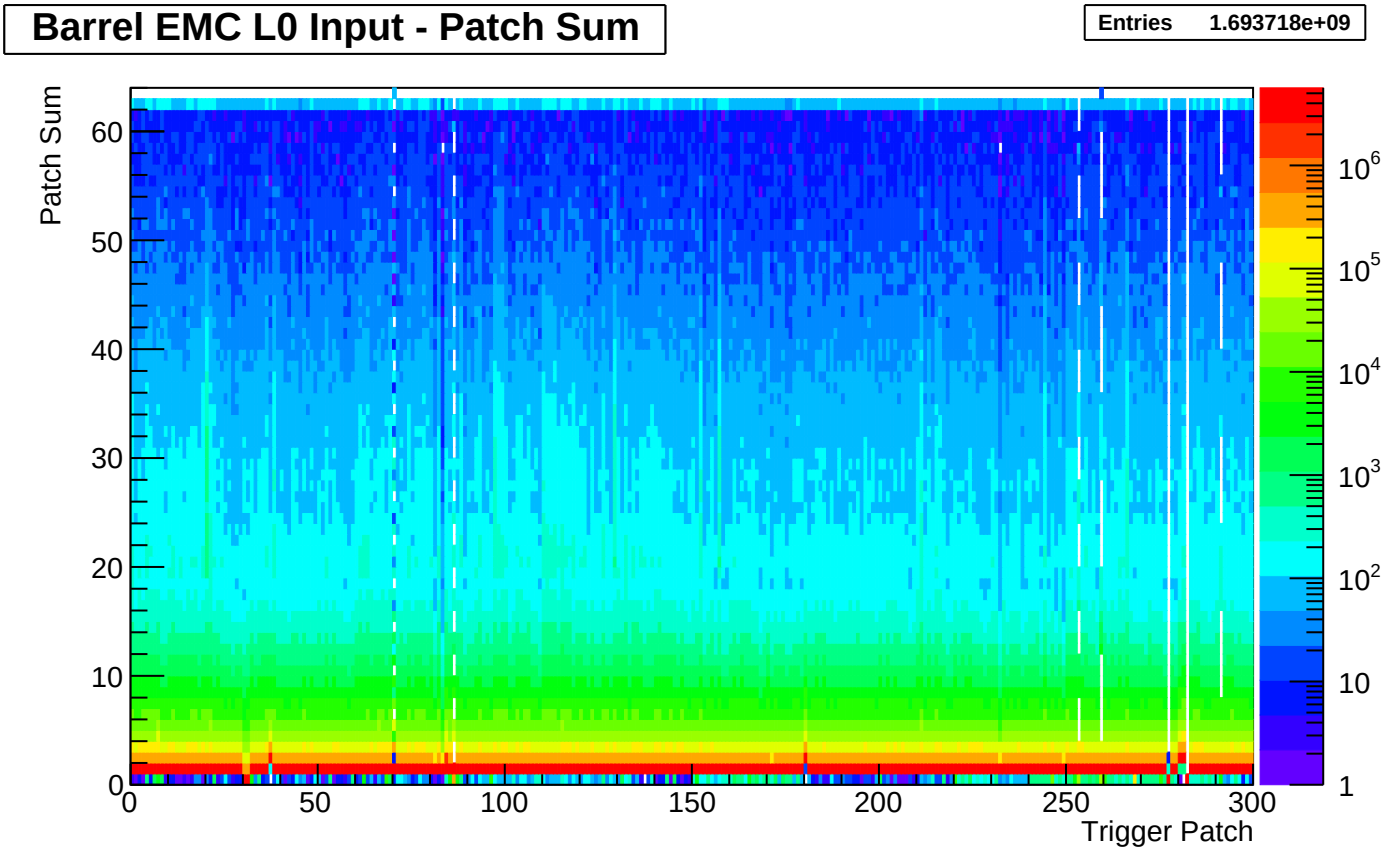
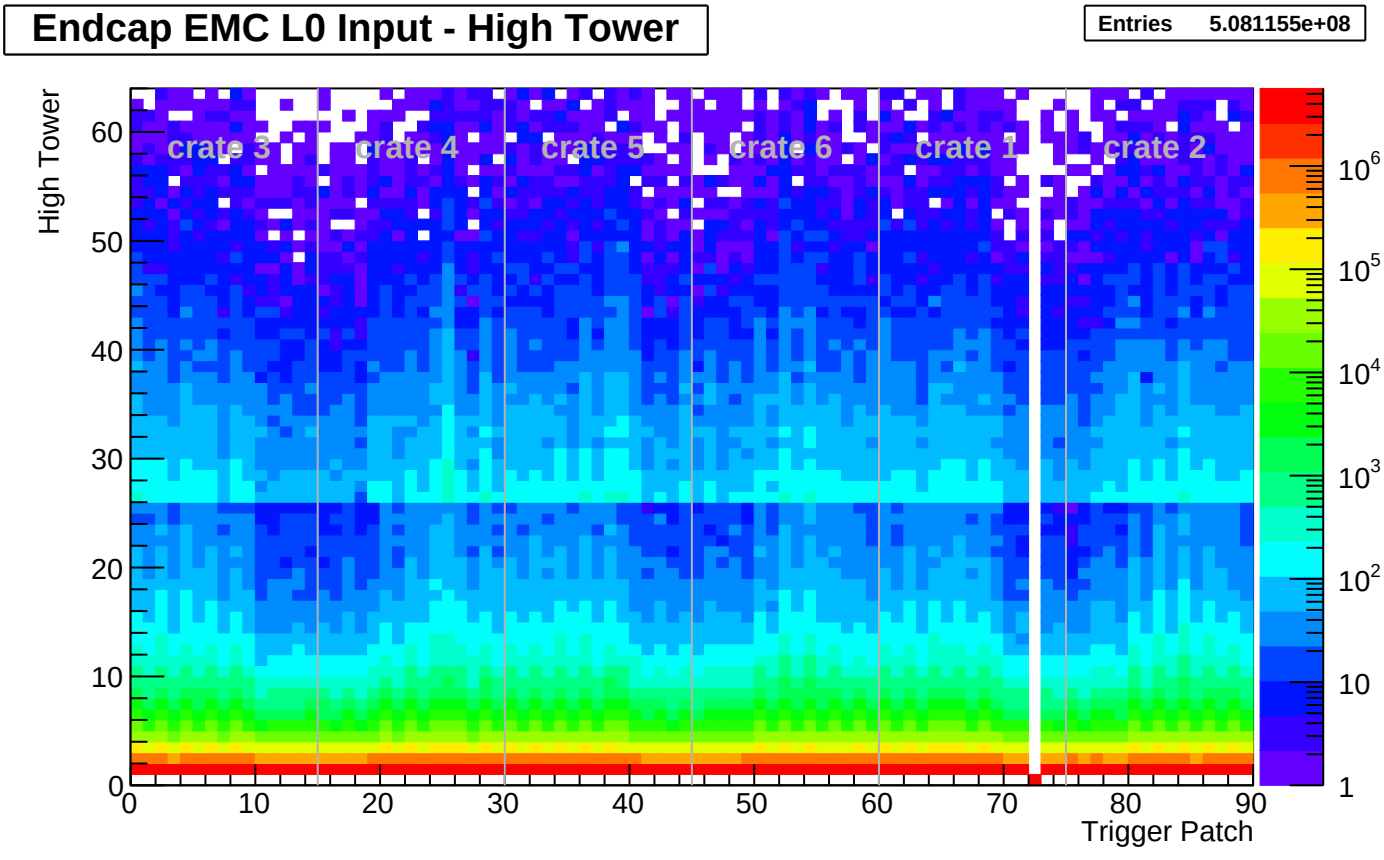
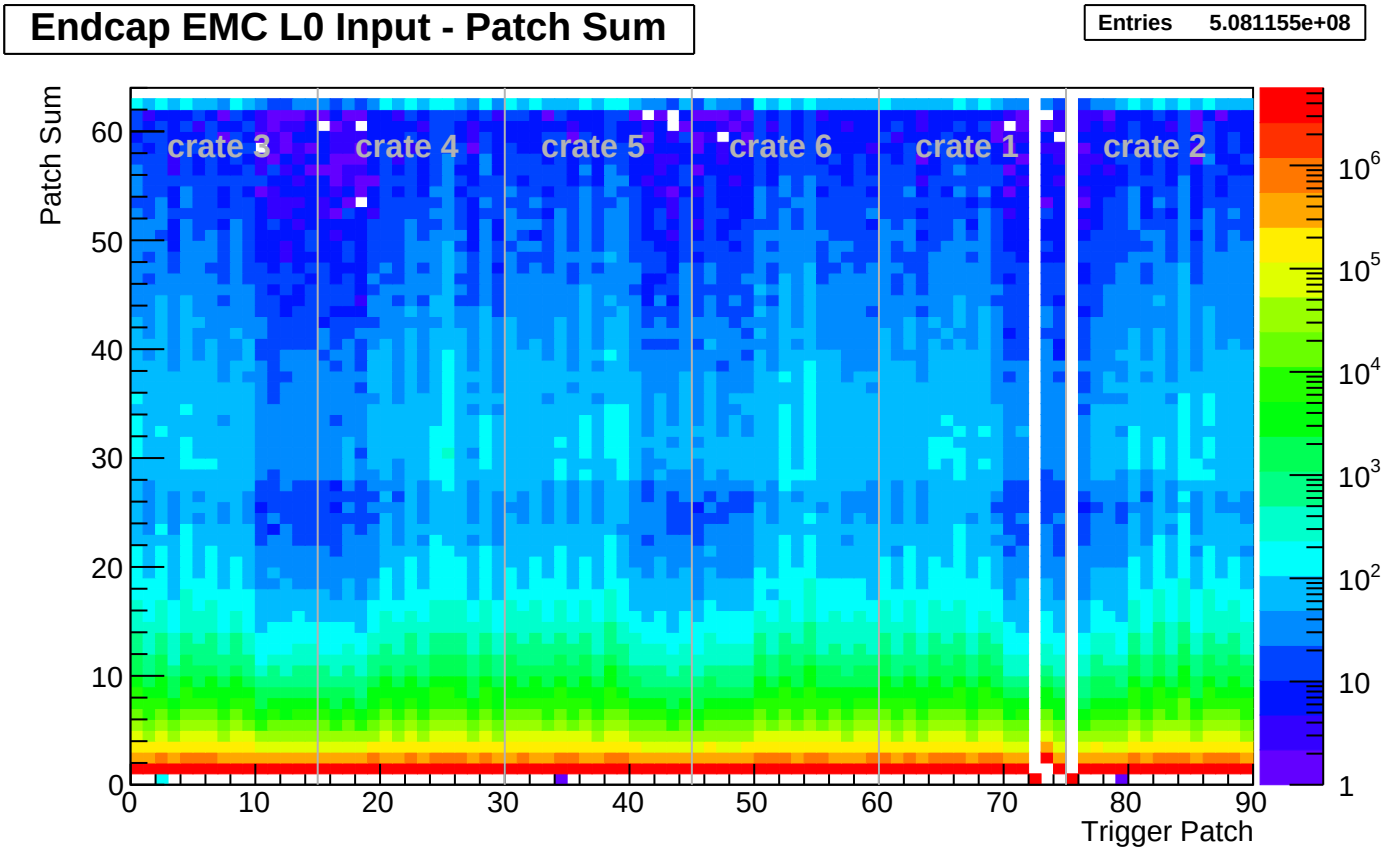
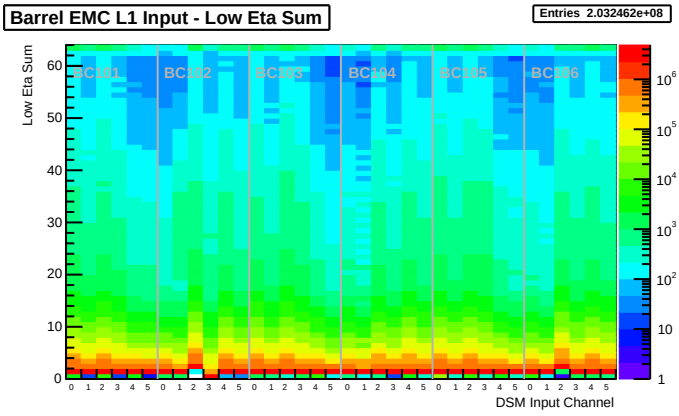
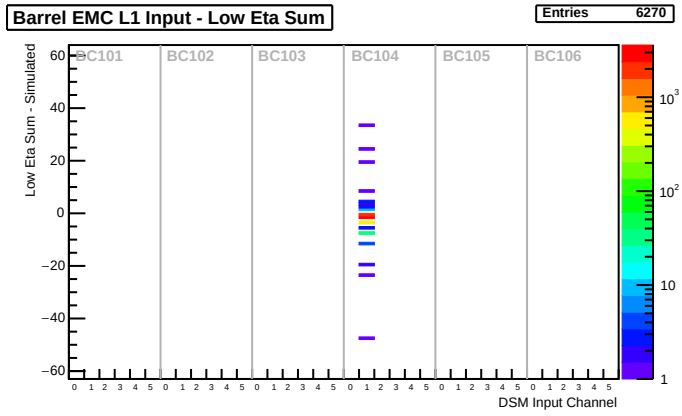

Barrel EMC L0 Input - High Tower
Entries 1.693718e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

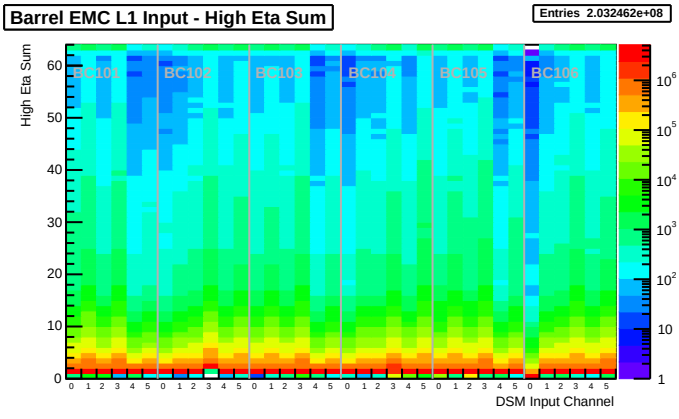

Barrel EMC L0 Input - Patch Sum
Entries 1.693718e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

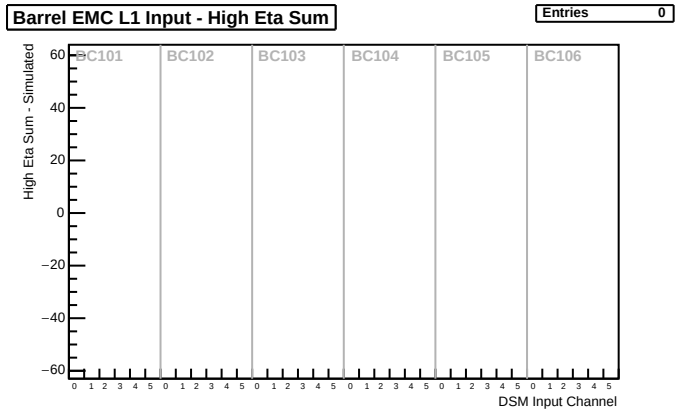

Endcap EMC L0 Input - High Tower
Entries 5.081155e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

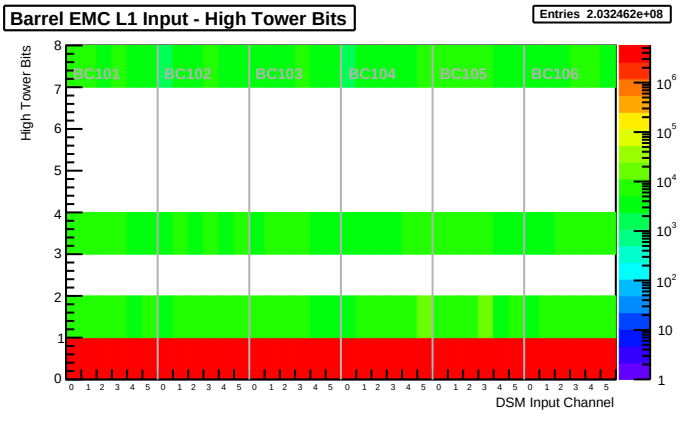

Endcap EMC L0 Input - Patch Sum
Entries 5.081155e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

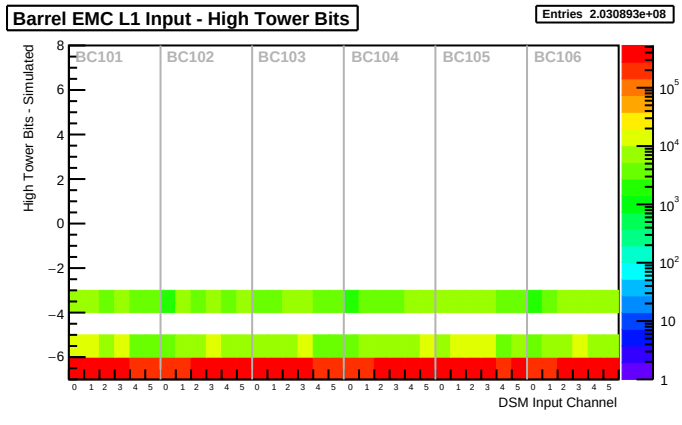

Barrel EMC L1 Input - Low Eta Sum
Entries 2.032462e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

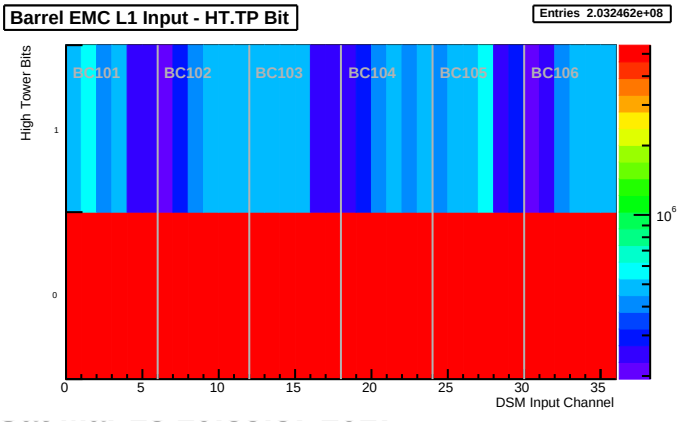

Barrel EMC L1 Input - Low Eta Sum
Entries 6270
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

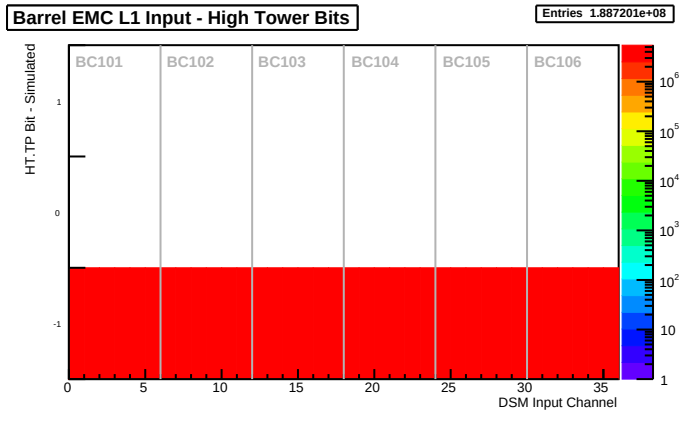

Barrel EMC L1 Input - High Eta Sum
Entries 2.032462e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

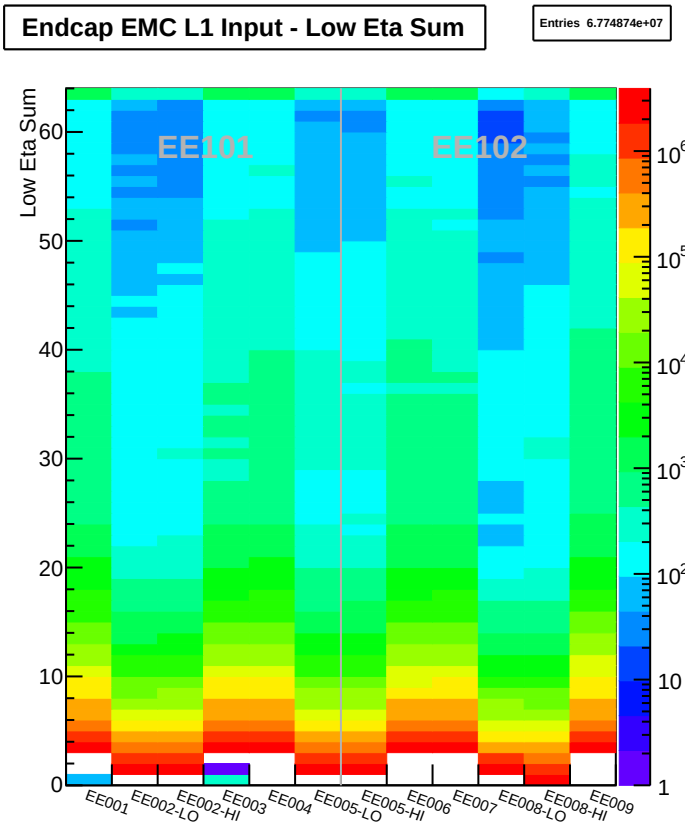

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

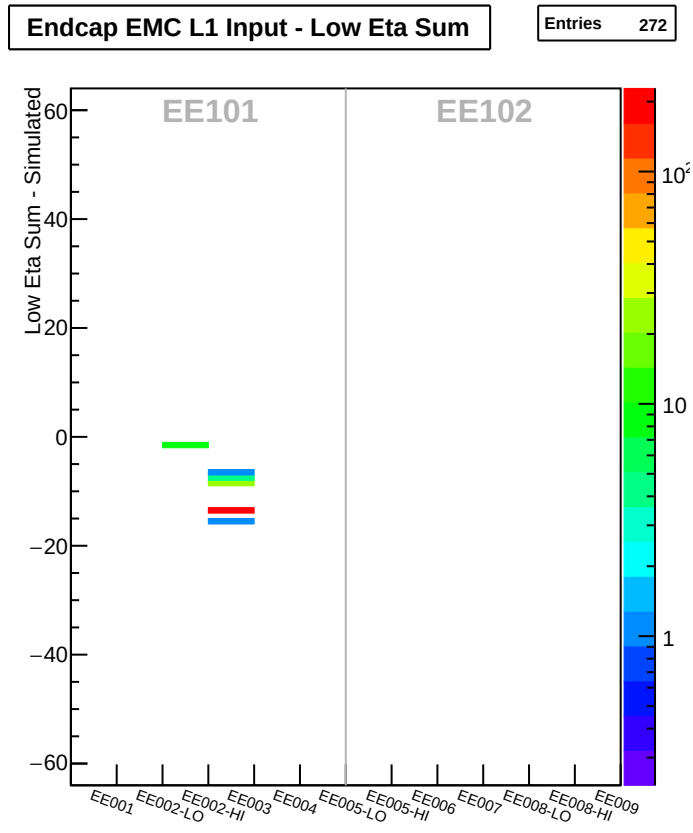

Barrel EMC L1 Input - High Tower Bits
Entries 2.032462e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

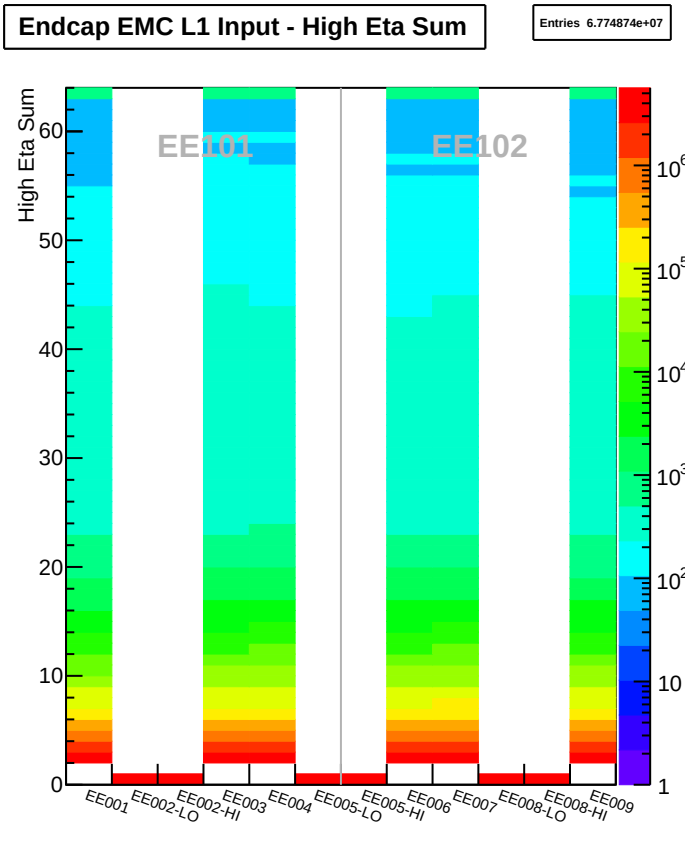

Barrel EMC L1 Input - High Tower Bits
Entries 2.030893e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

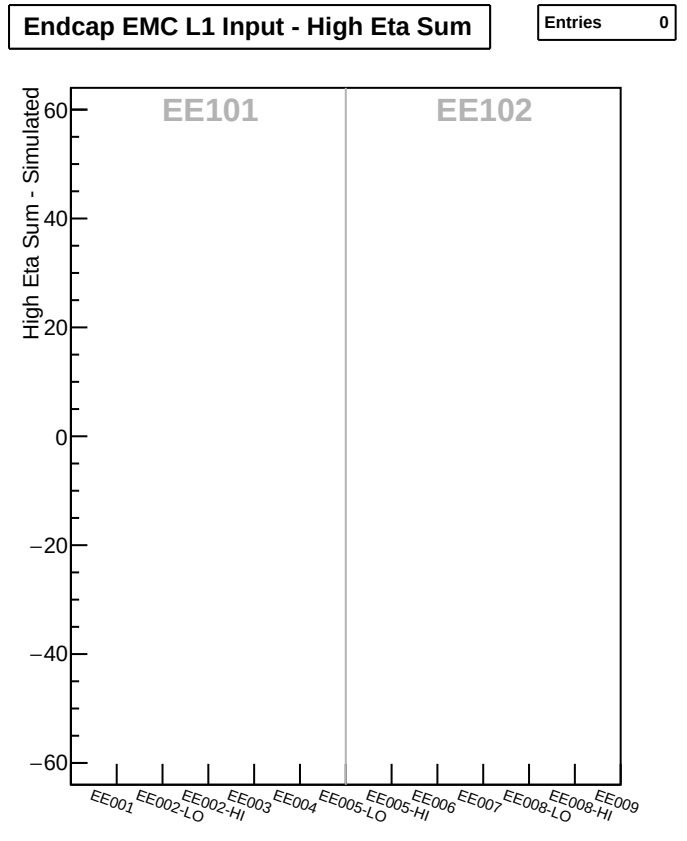

Barrel EMC L1 Input - HT.TP Bit
Entries 2.032462e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

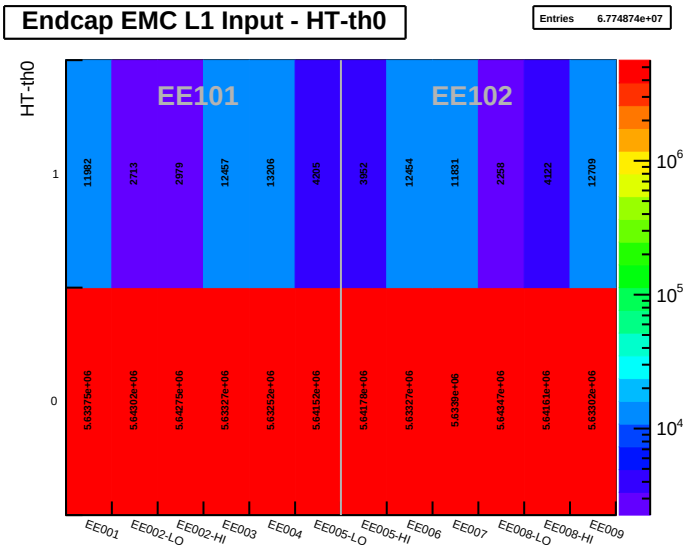

Barrel EMC L1 Input - High Tower Bits
Entries 1.887201e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

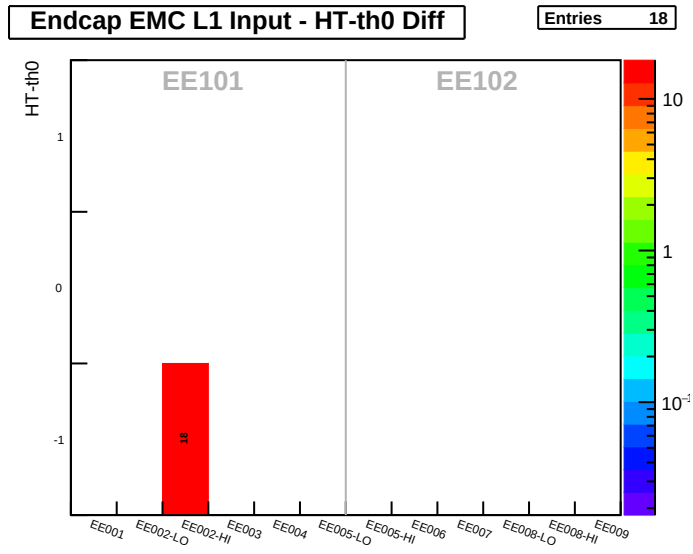

Endcap EMC L1 Input - Low Eta Sum
Entries 6.774874e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

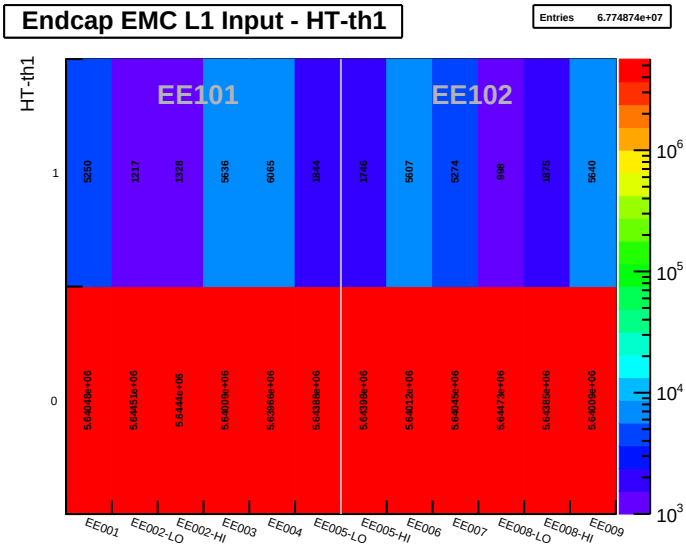

Endcap EMC L1 Input - Low Eta Sum
Entries 272
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

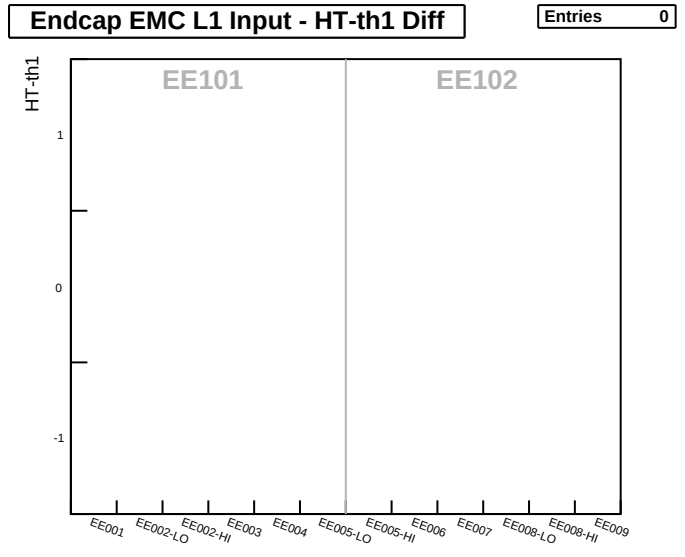

Endcap EMC L1 Input - High Eta Sum
Entries 6.774874e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

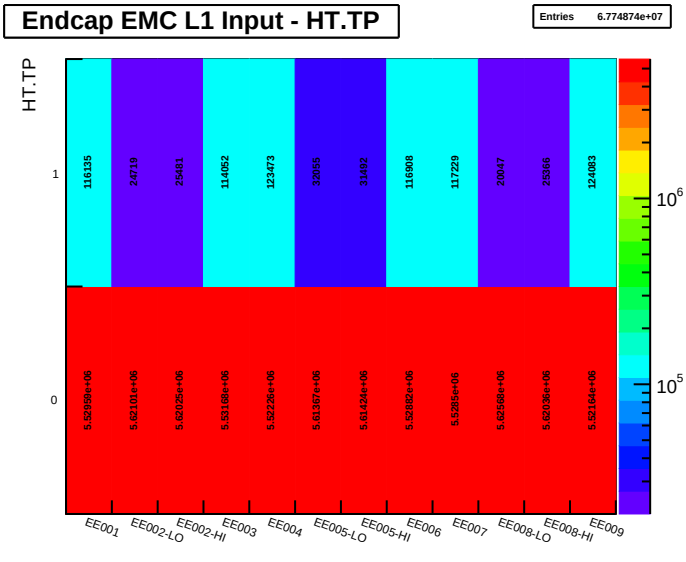

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

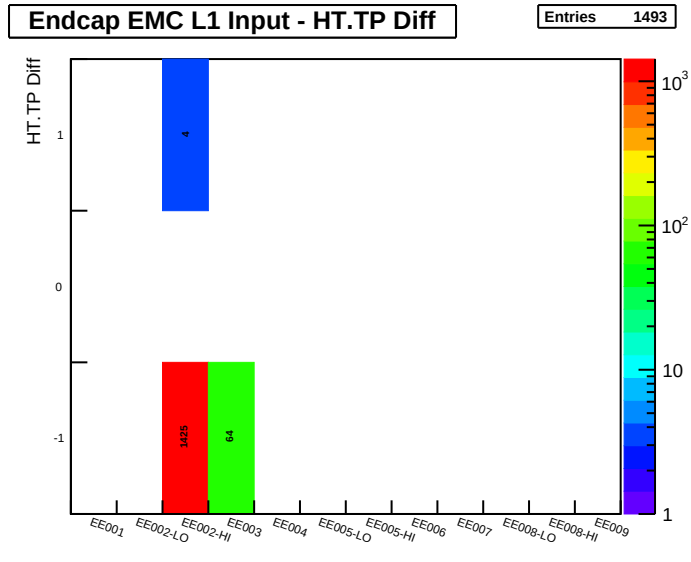

Endcap EMC L1 Input - HT-th0
Entries 6.774874e+07
HT-th0
EE101
EE102
11982 2713 2979 12457 13206 4205 3952 12454 11831 2258 4122 12709
5.63375e+06 5.64302e+06 5.64275e+06 5.63327e+06 5.63252e+06 5.64152e+06 5.64178e+06 5.63327e+06 5.6339e+06 5.64347e+06 5.64161e+06 5.63302e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

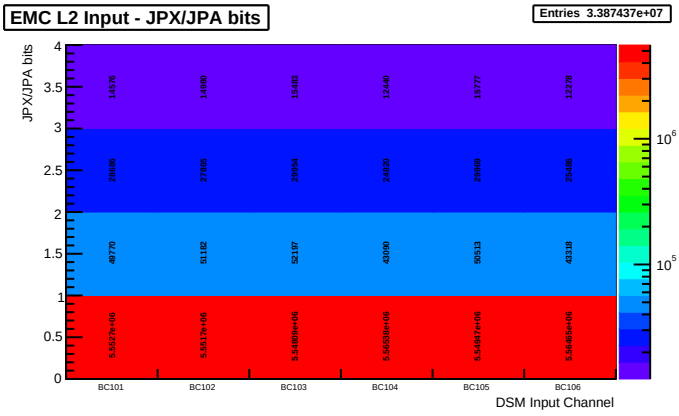

Endcap EMC L1 Input - HT-th0 Diff
Entries 18
HT-th0
EE101
EE102
18
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

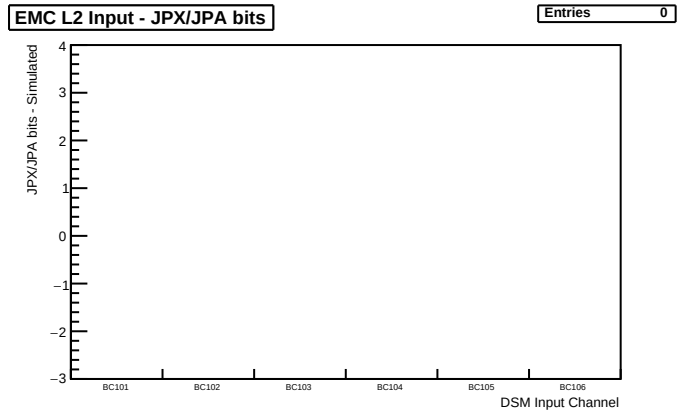

Endcap EMC L1 Input - HT-th1
Entries 6.774874e+07
HT-th1
EE101
EE102
5250 1217 1328 5636 6065 1844 1746 5607 5274 998 1875 5640
5.64048e+06 5.64451e+06 5.6444e+06 5.64009e+06 5.63965e+06 5.64398e+06 5.64398e+06 5.64012e+06 5.64045e+06 5.64473e+06 5.64385e+06 5.64009e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

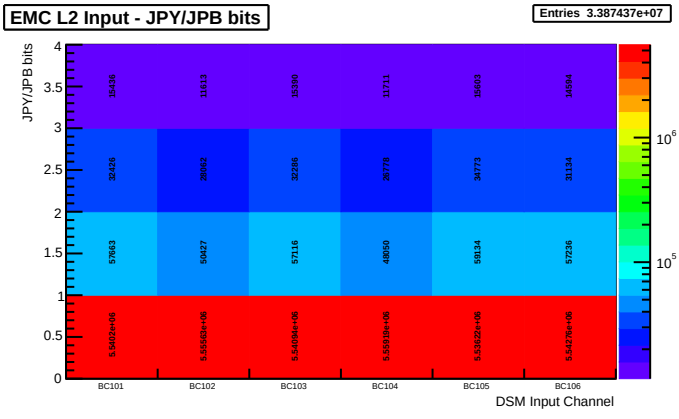

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

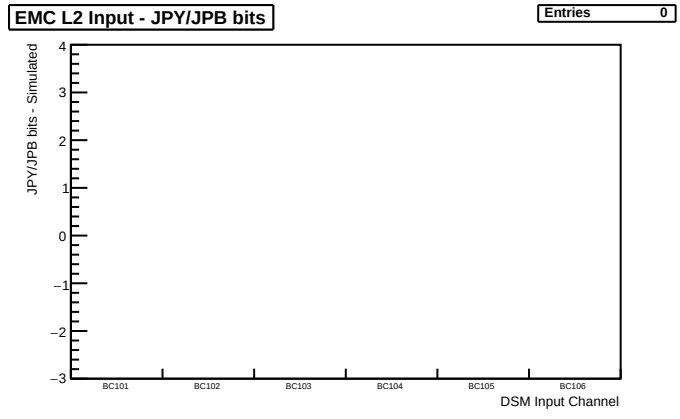

Endcap EMC L1 Input - HT.TP
Entries 6.774874e+07
HT.TP
116135 24719 25481 114052 123473 32055 31492 116908 117229 20047 25366 124083
5.52959e+06 5.62101e+06 5.62025e+06 5.53168e+06 5.52226e+06 5.61367e+06 5.61424e+06 5.52882e+06 5.52815e+06 5.62568e+06 5.62038e+06 5.52164e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

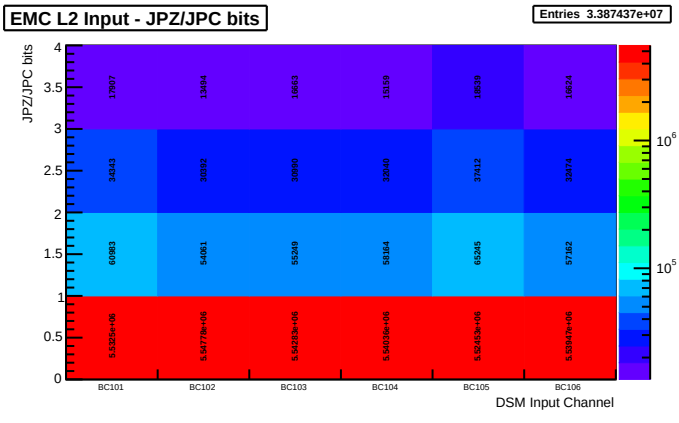

Endcap EMC L1 Input - HT.TP Diff
Entries 1493
HT.TP Diff
4
1425
64
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

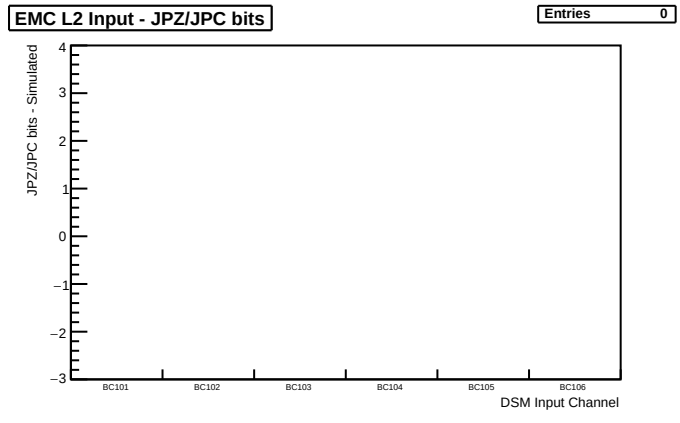

EMC L2 Input - JPX/JPA bits
Entries 3.387437e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14576
14990
15483
12440
15777
12278
28646
27865
29954
24820
29969
25486
49770
51182
52197
43090
50513
43318
5.5527e+06
5.5517e+06
5.54859e+06
5.55538e+06
5.54947e+06
5.55465e+06

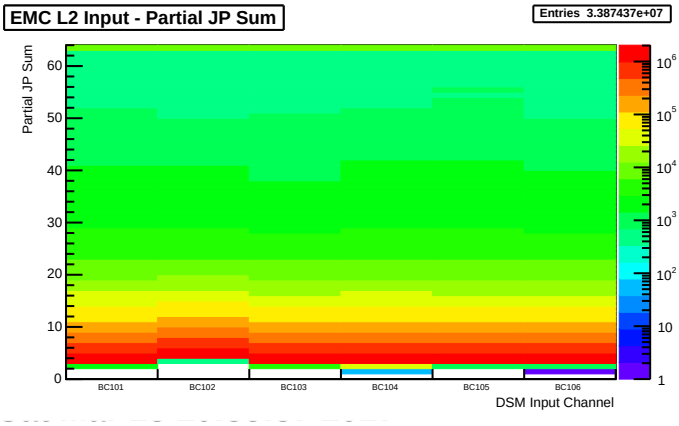

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

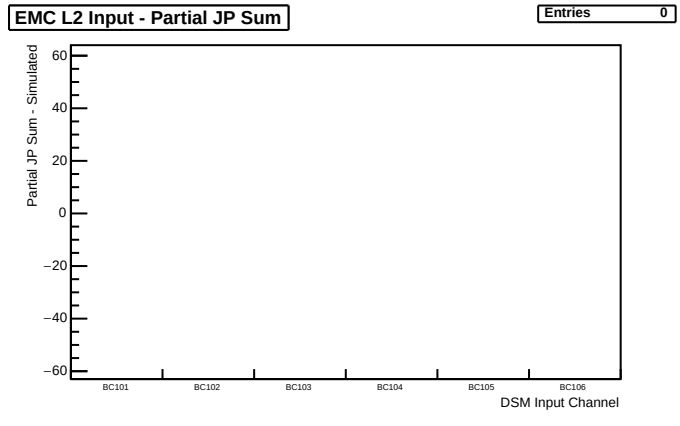

EMC L2 Input - JPY/JPB bits
Entries 3.387437e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15436
11613
15390
11711
15603
14594
32426
28062
32286
26778
34773
31134
57663
50427
57116
48050
59134
57236
5.5402e+06
5.55563e+06
5.54094e+06
5.55319e+06
5.53622e+06
5.54276e+06

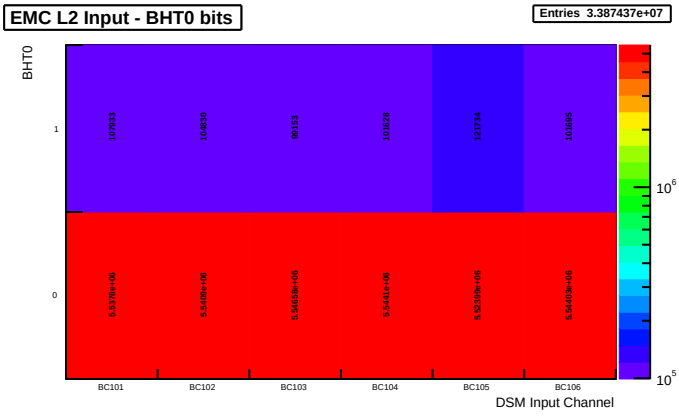

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

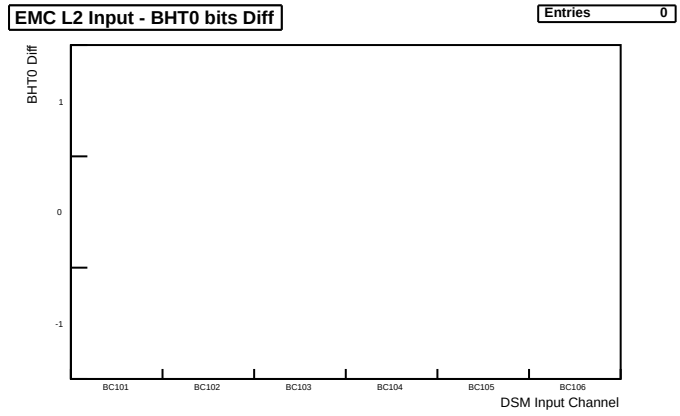

EMC L2 Input - JPZ/JPC bits
Entries 3.387437e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
17607
13494
16653
15159
18839
16624
34343
30332
30990
32340
37412
32674
60983
54061
55249
58164
65245
57162
5.5325e+06
5.54778e+06
5.54253e+06
5.54039e+06
5.52453e+06
5.53947e+06

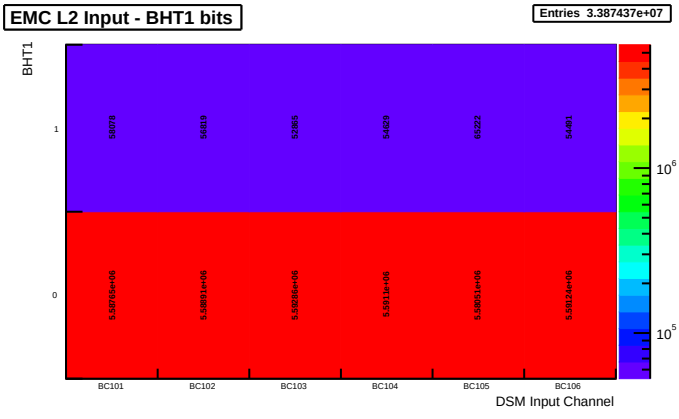

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

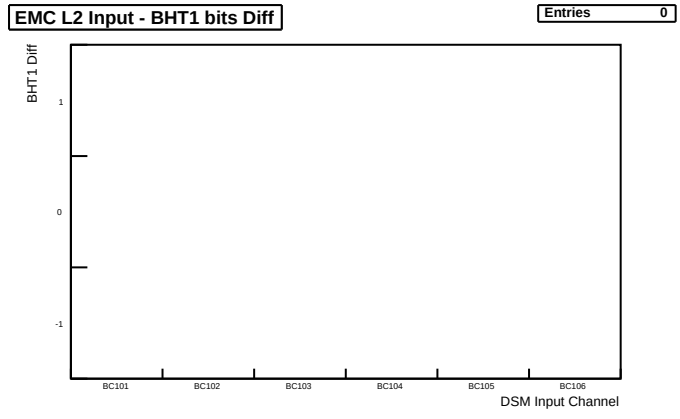

EMC L2 Input - Partial JP Sum
Entries 3.387437e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

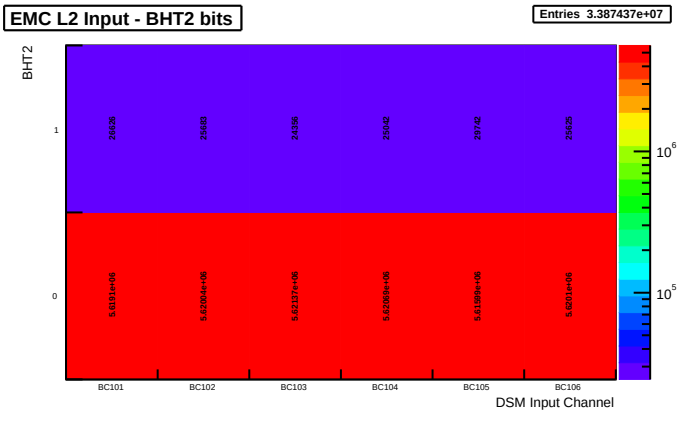

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

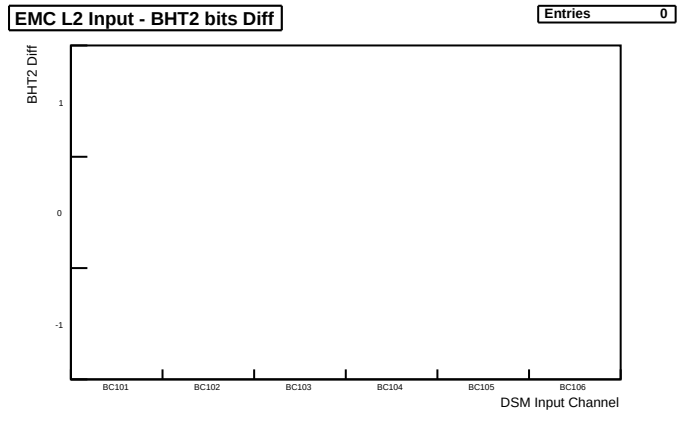

EMC L2 Input - BHT0 bits
Entries 3.387437e+07
BHT0
1
0
107933
104830
99153
101828
121734
101695
5.53789e+06
5.5408e+06
5.54659e+06
5.5441e+06
5.52359e+06
5.54039e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

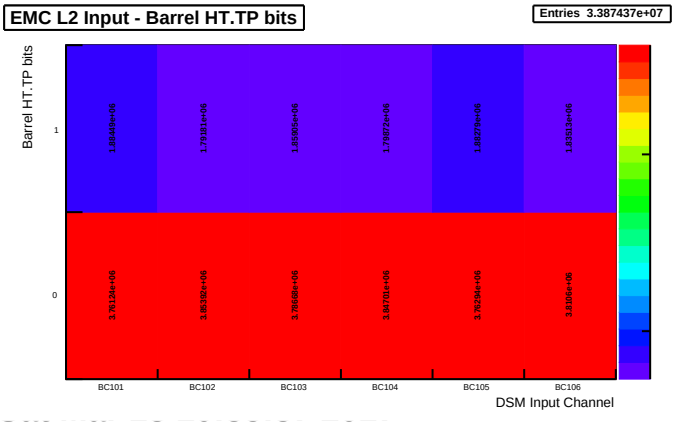

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

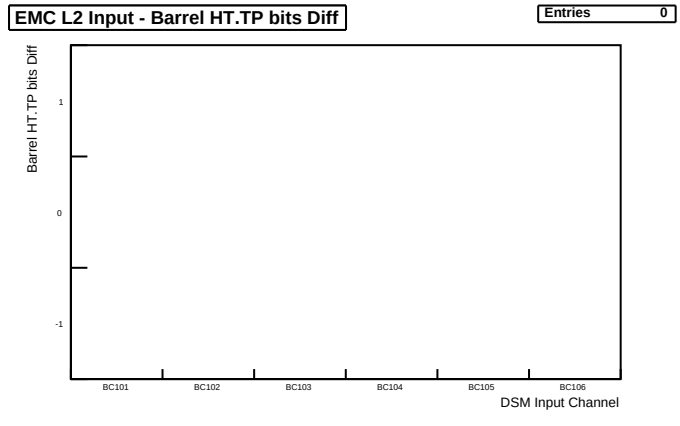

EMC L2 Input - BHT1 bits
Entries 3.387437e+07
BHT1
1
0
53078
56319
52865
54929
63222
54491
5.58765e+06
5.58891e+06
5.59286e+06
5.5911e+06
5.58951e+06
5.59124e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

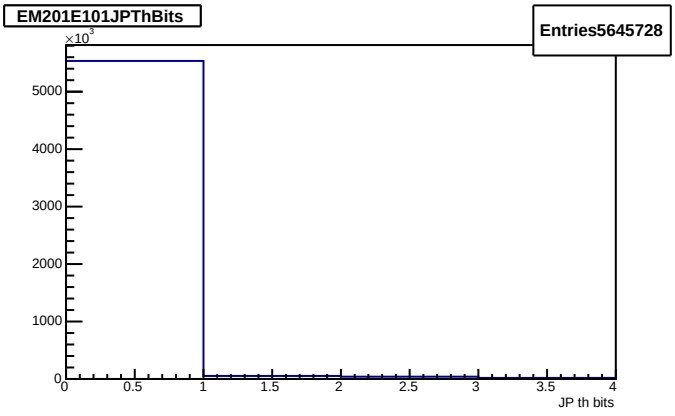

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

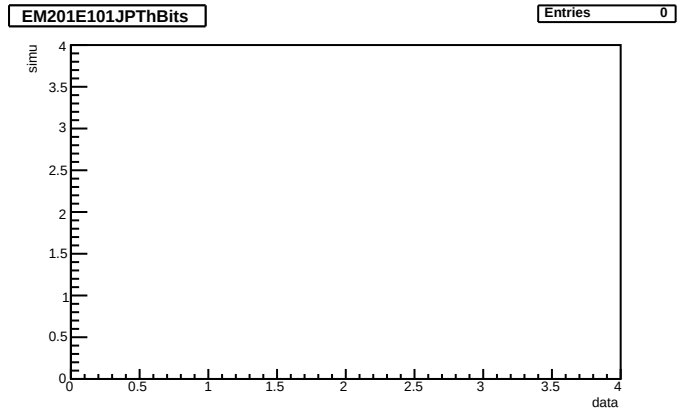

EMC L2 Input - BHT2 bits
Entries 3.387437e+07
BHT2
1
0
26535
29533
24355
25542
29742
25525
5.6191e+06
5.62054e+06
5.62157e+06
5.62059e+06
5.61999e+06
5.6201e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

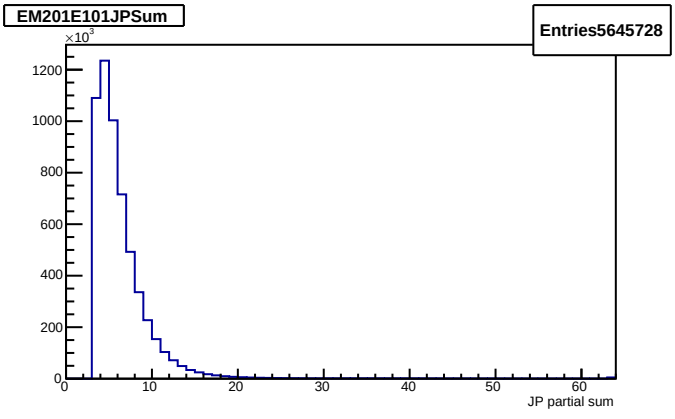

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

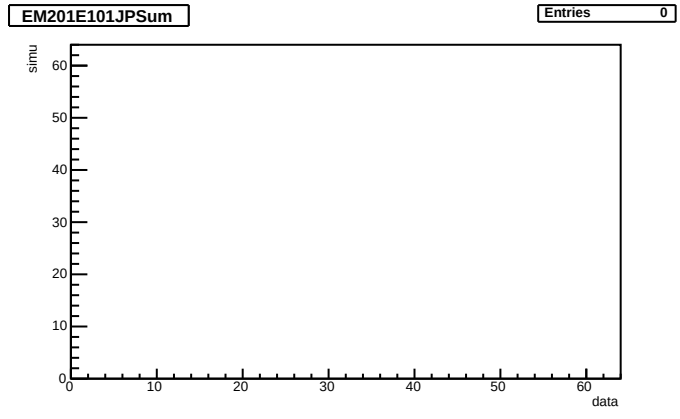

EMC L2 Input - Barrel HT.TP bits
Entries 3.387437e+07
Barrel HT.TP bits
1
0
1.83449e+06
1.79191e+06
1.85905e+06
1.78872e+06
1.88279e+06
1.83513e+06
3.76124e+06
3.85392e+06
3.78668e+06
3.84701e+06
3.76294e+06
3.8106e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

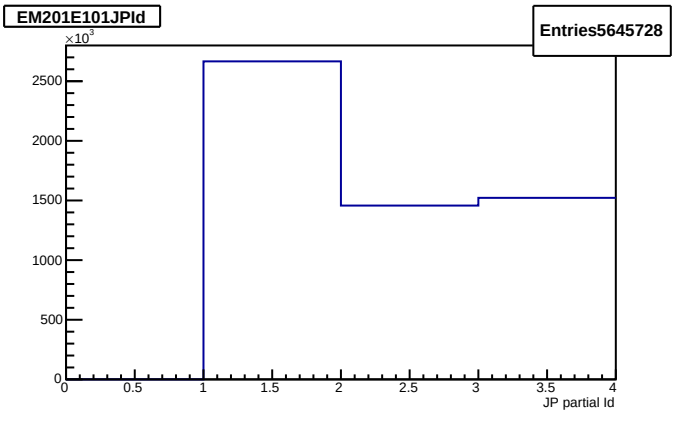

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

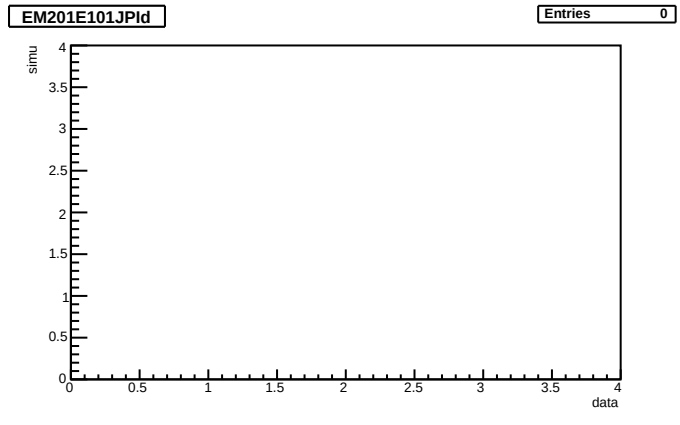

EM201E101JPThBits
Entries5645728
×10^3
JP th bits

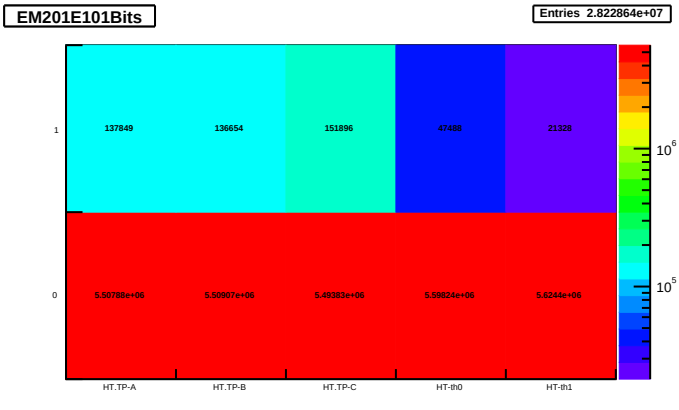

EM201E101JPThBits
Entries 0
simu
data

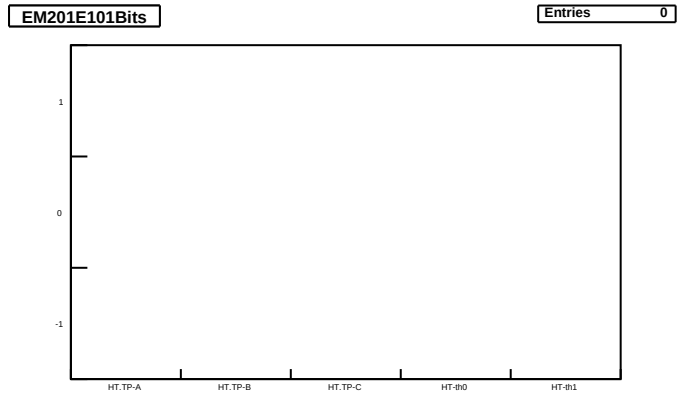

EM201E101JPSum
Entries5645728
×10^3
JP partial sum

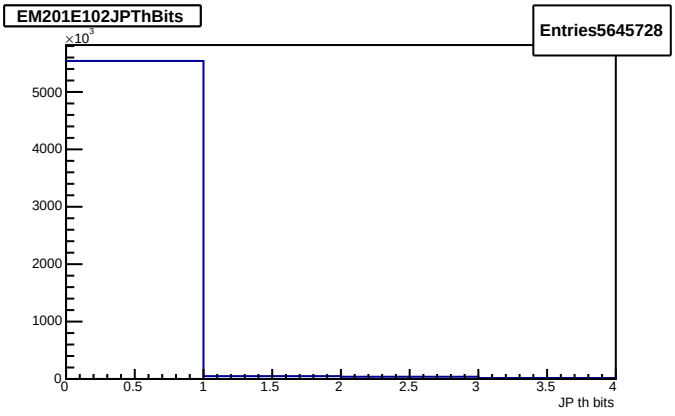

EM201E101JPSum
Entries 0
simu
data

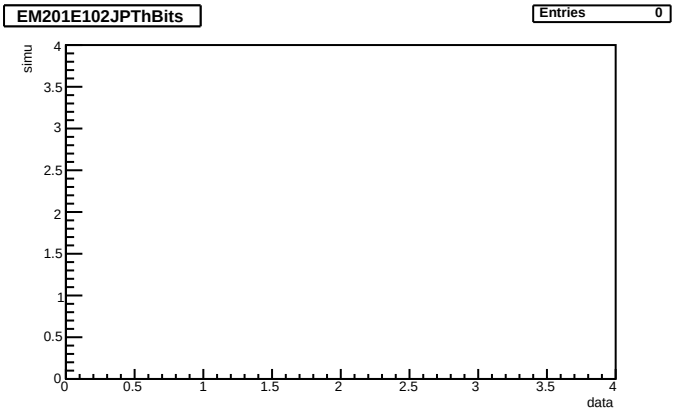

EM201E101JPId
Entries5645728
×10^3
JP partial Id

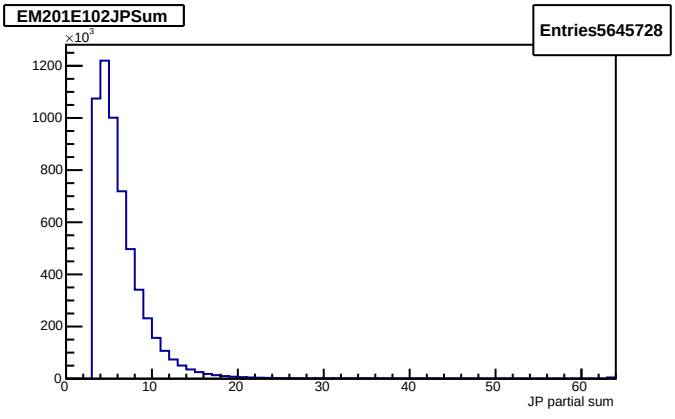

EM201E101JPId
Entries 0
simu
data

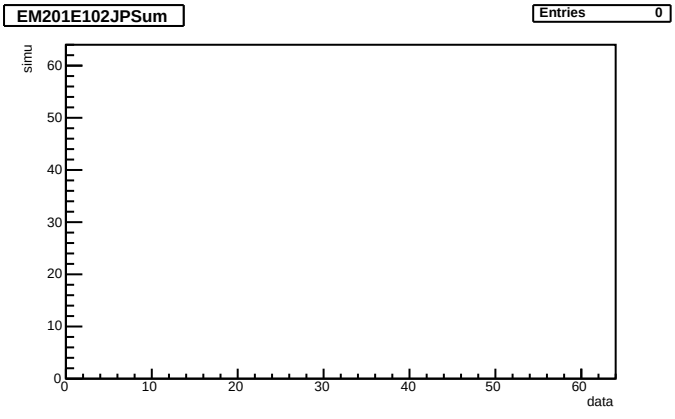

EM201E101Bits
Entries 2.822864e+07
137849
136654
151896
47488
21328
5.50788e+06
5.50907e+06
5.49383e+06
5.59824e+06
5.6244e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

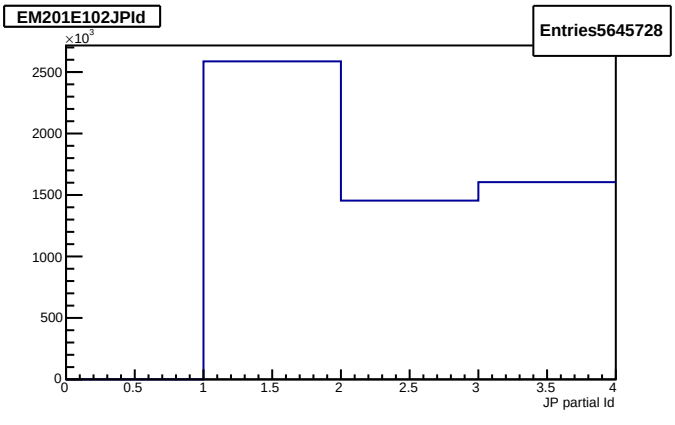

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

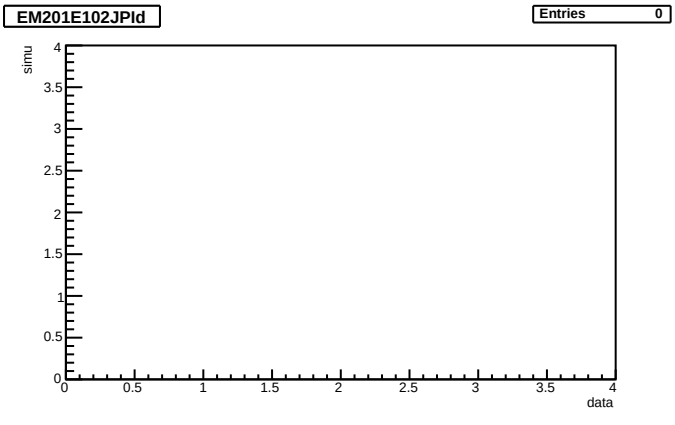

EM201E102JPThBits
Entries5645728
×10^3
JP th bits

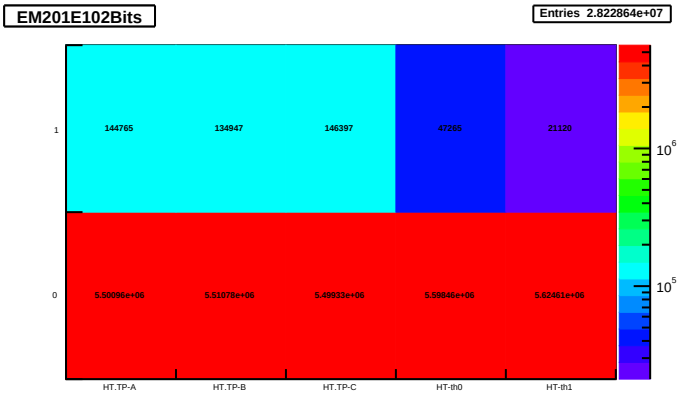

EM201E102JPThBits
Entries 0
simu
data

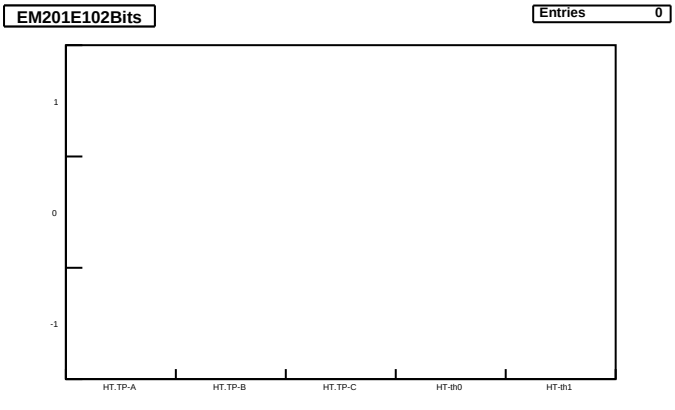

EM201E102JPSum
Entries5645728
×10^3
JP partial sum

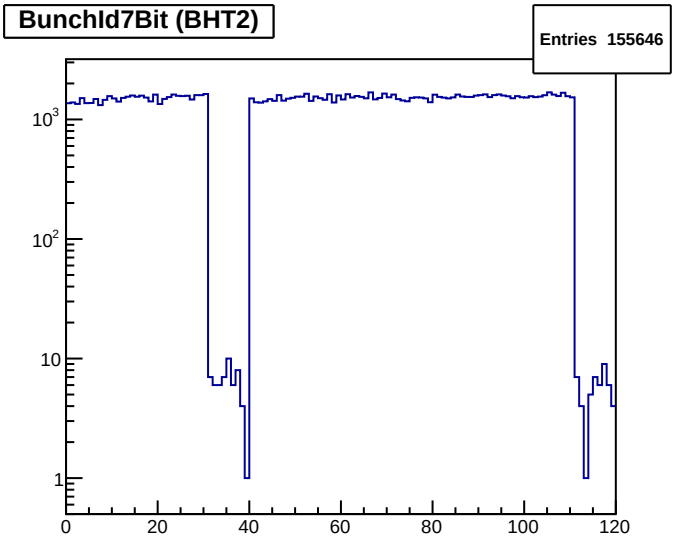

EM201E102JPSum
Entries 0
simu
data

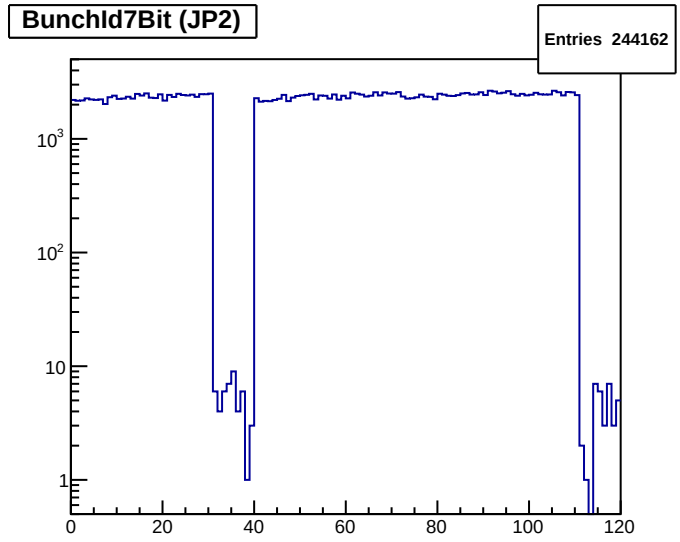

EM201E102JPId
Entries5645728
×10^3
JP partial Id

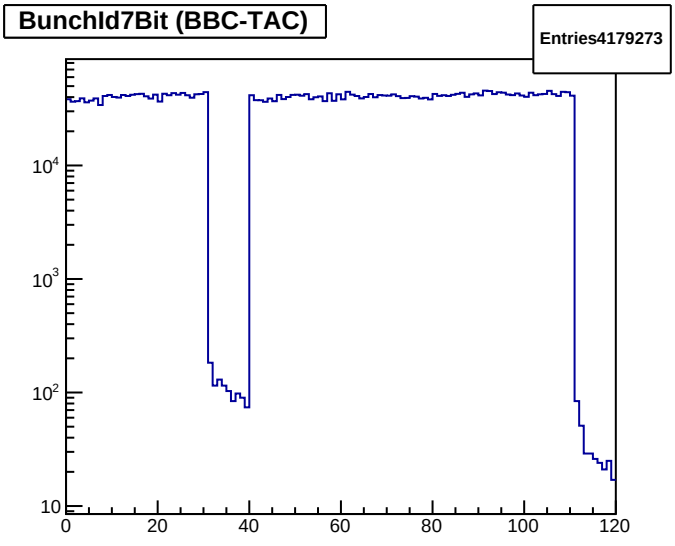

EM201E102JPId
Entries 0
simu
data

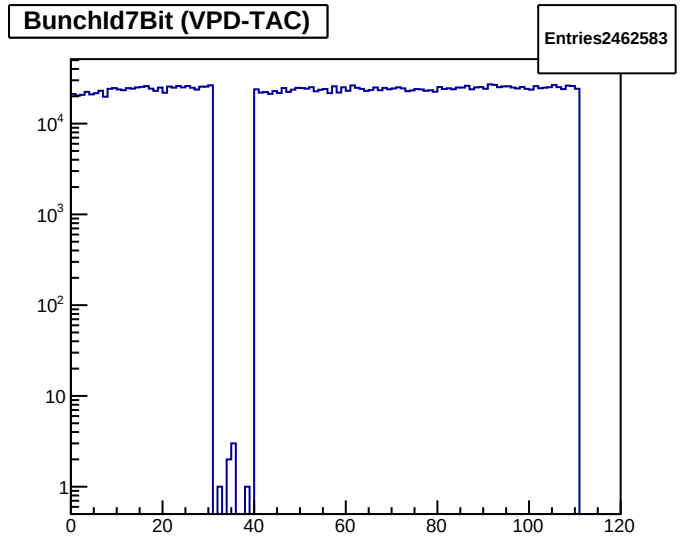

EM201E102Bits
Entries 2.822864e+07
144765
134947
146397
47265
21120
5.50096e+06
5.51078e+06
5.49933e+06
5.59846e+06
5.62461e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

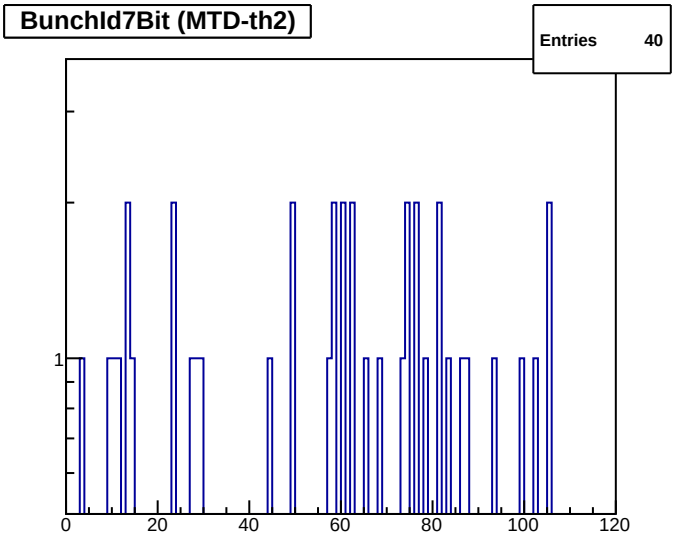

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

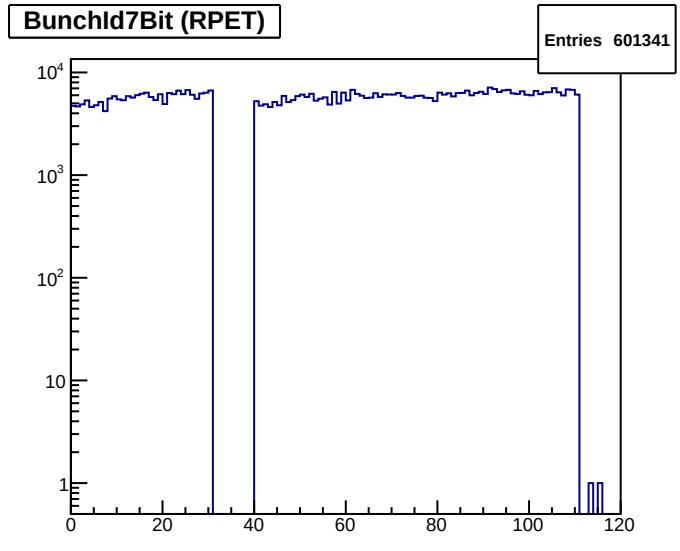

BunchId7Bit (BHT2)
Entries 155646

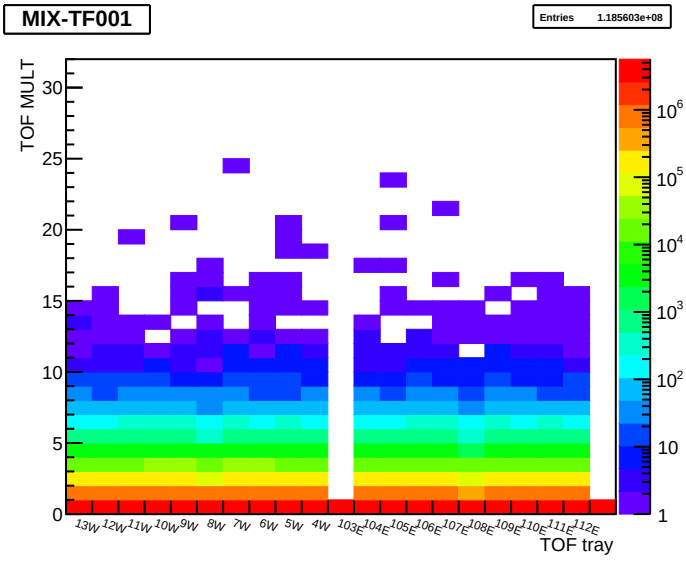

BunchId7Bit (JP2)
Entries 244162

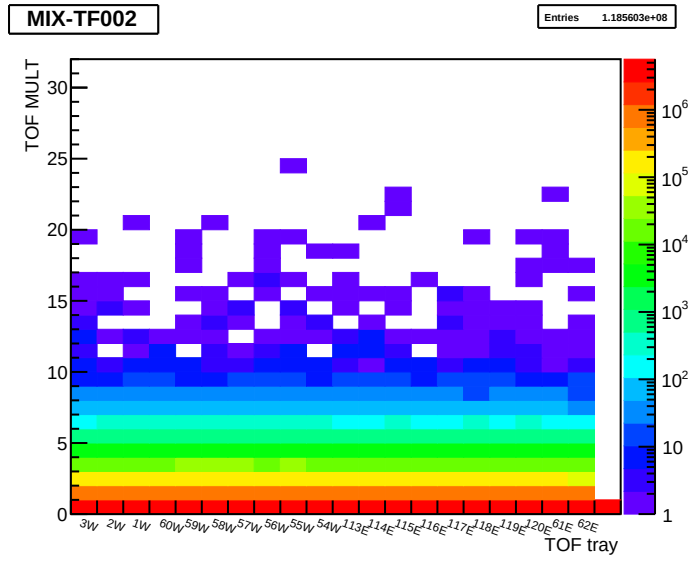

BunchId7Bit (BBC-TAC)
Entries4179273

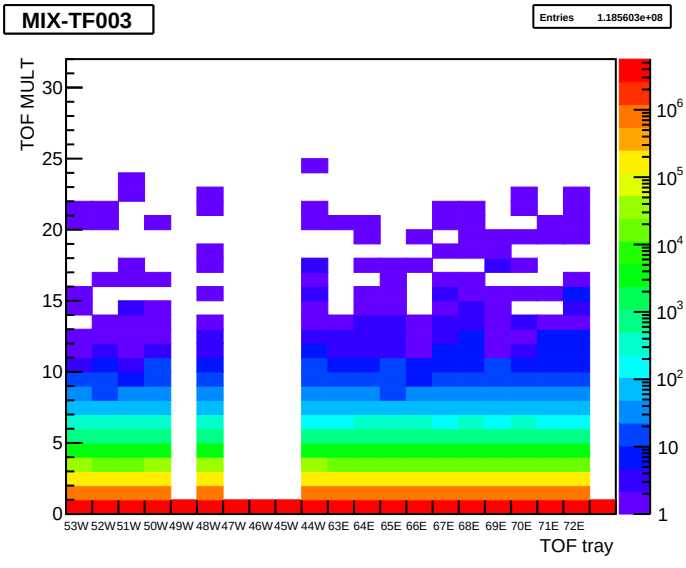

BunchId7Bit (VPD-TAC)
Entries2462583

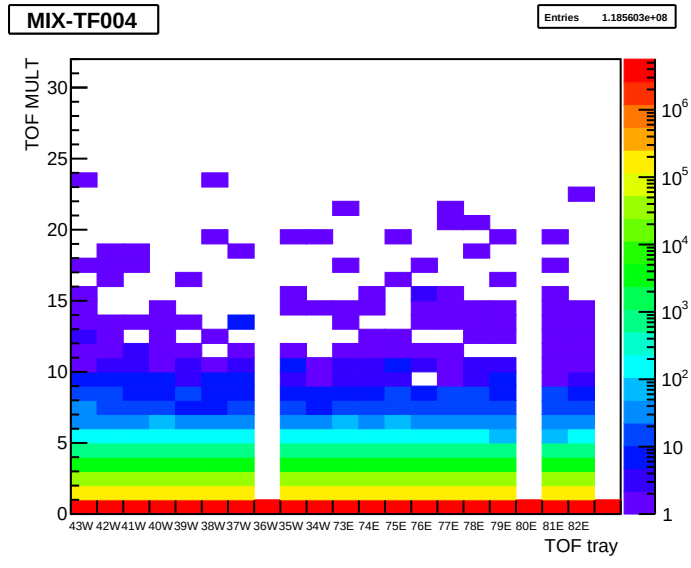

BunchId7Bit (MTD-th2)
Entries 40

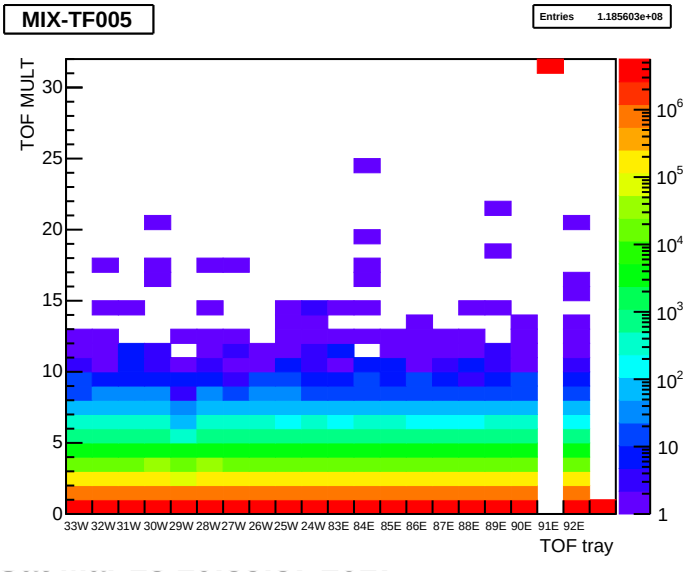

BunchId7Bit (RPET)
Entries 601341

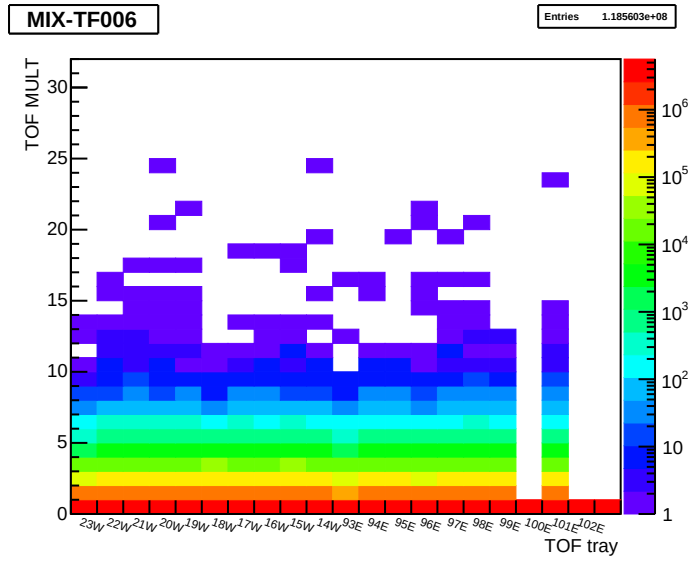

MIX-TF001
Entries 1.185603e+08
TOF MULT
TOF tray

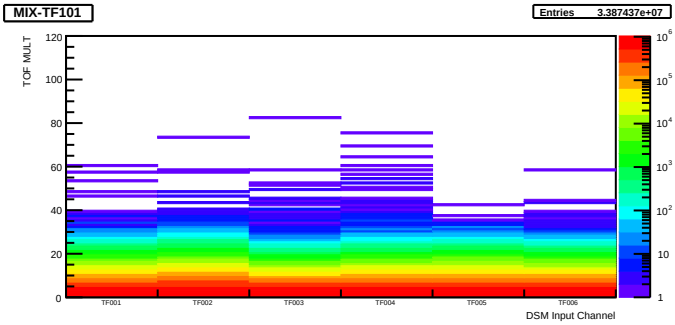

MIX-TF002
Entries 1.185603e+08
TOF MULT
TOF tray

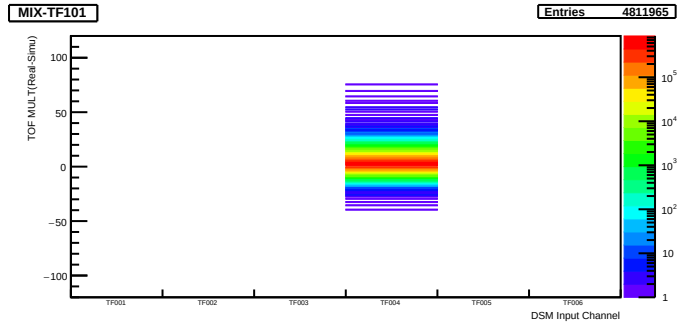

MIX-TF003
Entries 1.185603e+08
TOF MULT
TOF tray

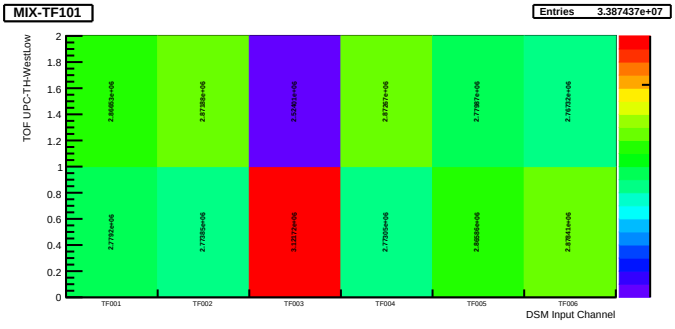

MIX-TF004
Entries 1.185603e+08
TOF MULT
TOF tray

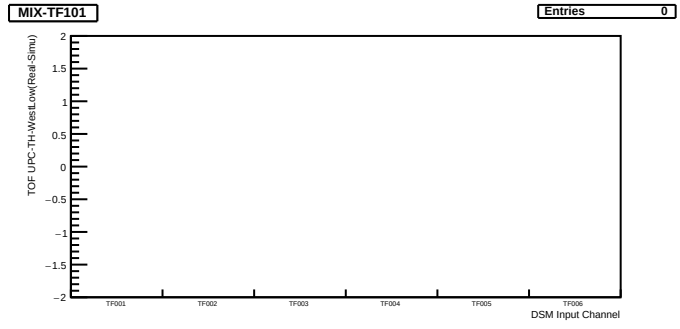

MIX-TF005
Entries 1.185603e+08
TOF MULT
TOF tray

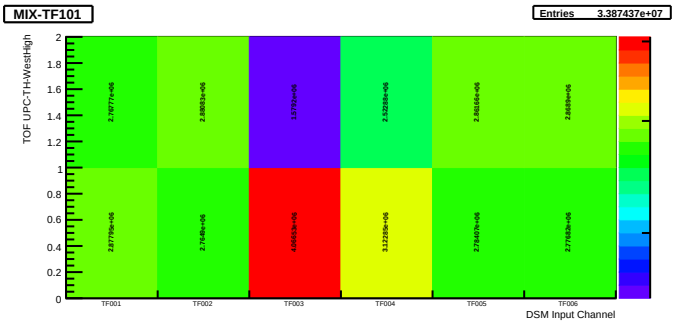

MIX-TF006
Entries 1.185603e+08
TOF MULT
TOF tray

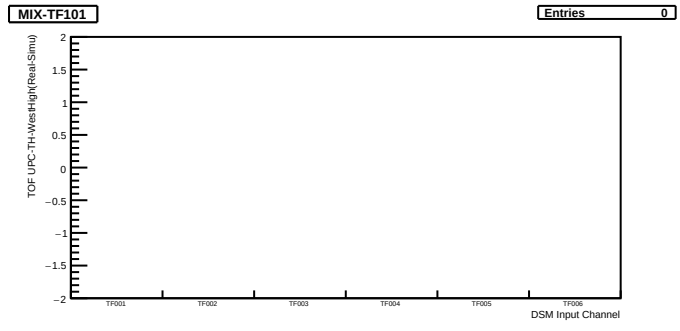

MIX-TF101
Entries 3.387437e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

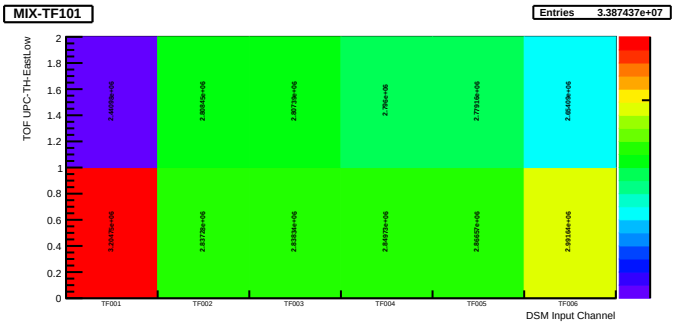

MIX-TF101
Entries 4811965
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

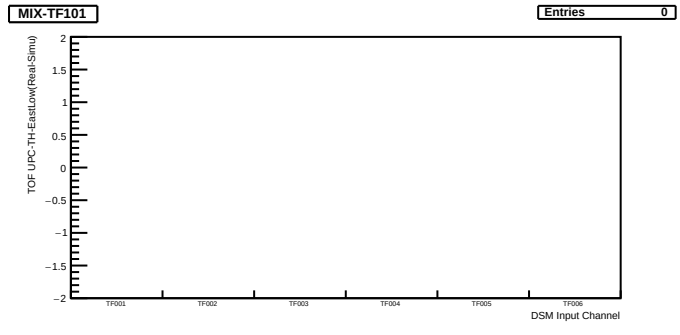

MIX-TF101
Entries 3.387437e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

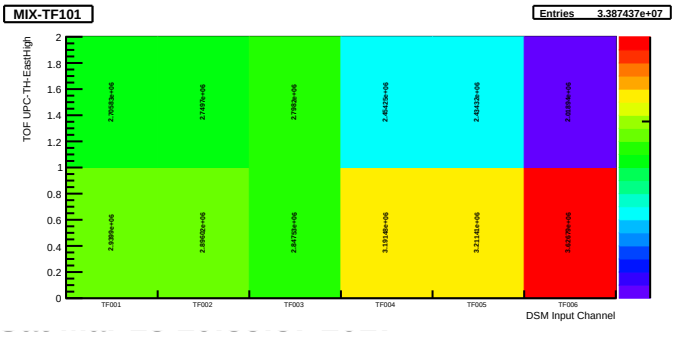

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

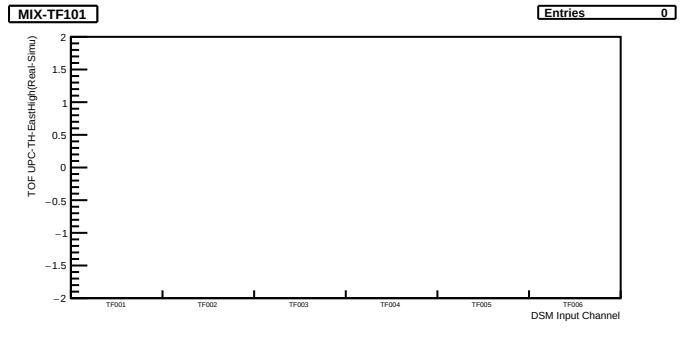

MIX-TF101
Entries 3.387437e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

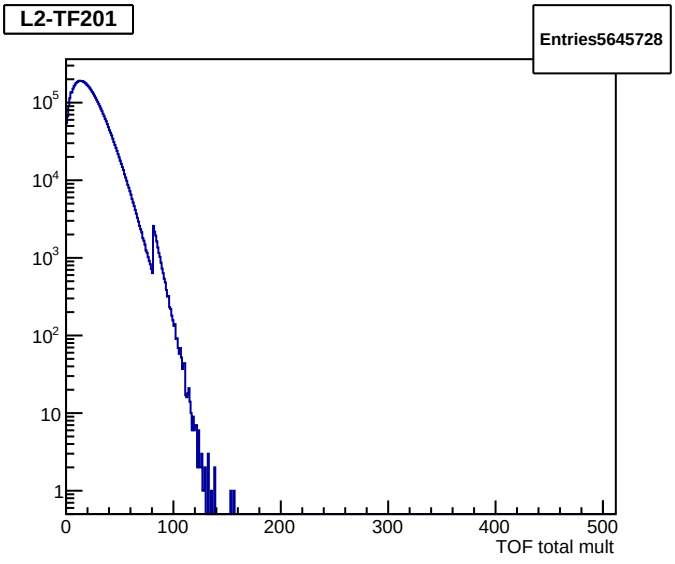

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

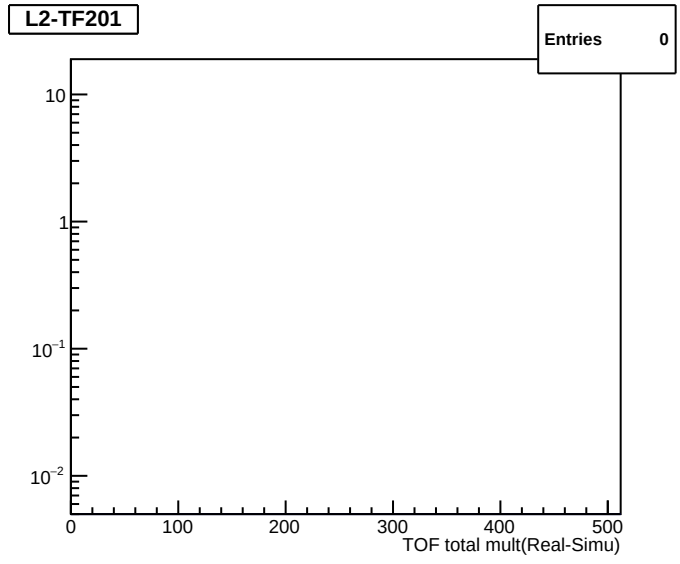

MIX-TF101
Entries 3.387437e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

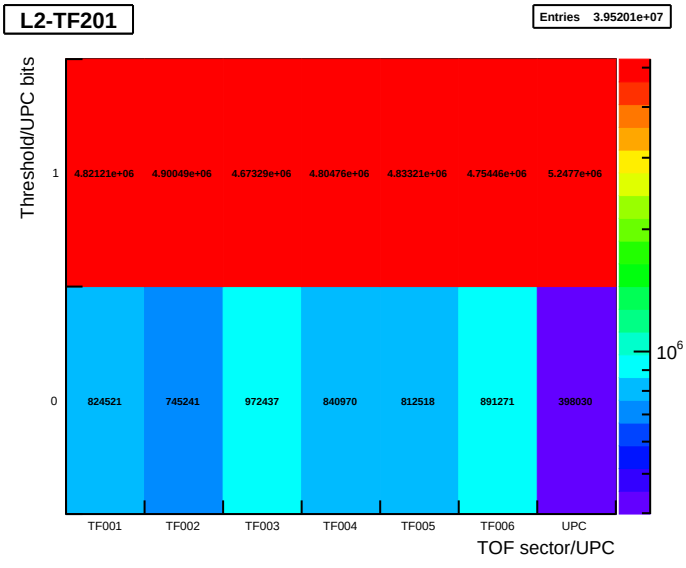

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

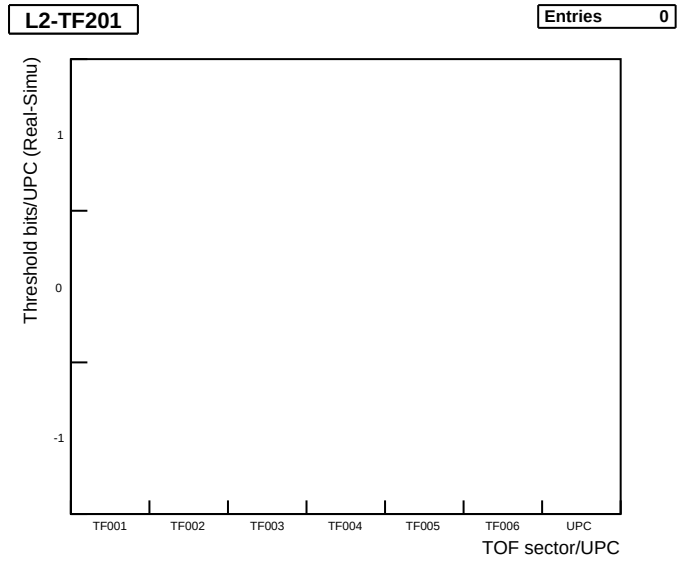

MIX-TF101
Entries 3.387437e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

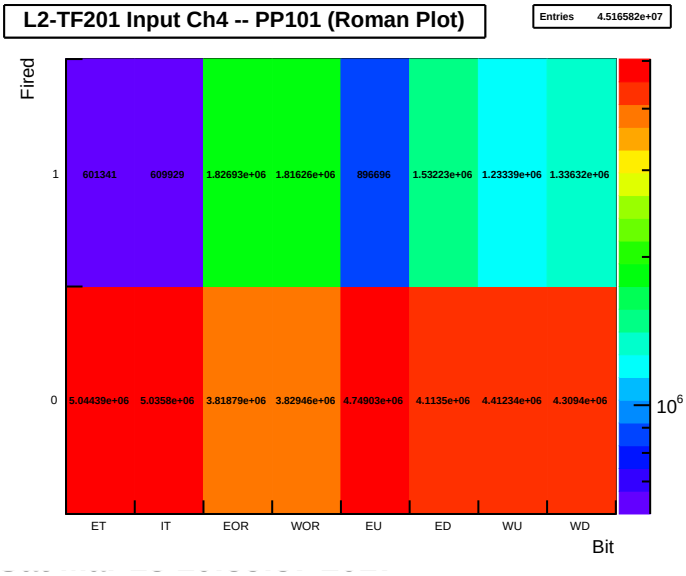

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

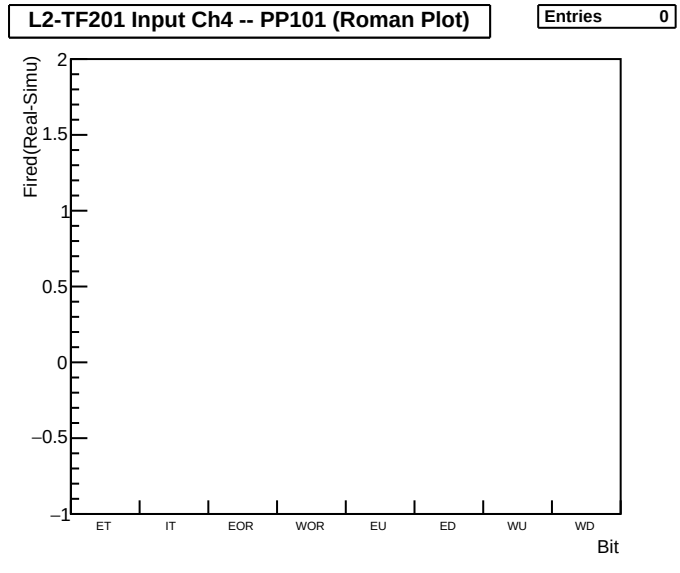

L2-TF201
Entries5645728
TOF total mult

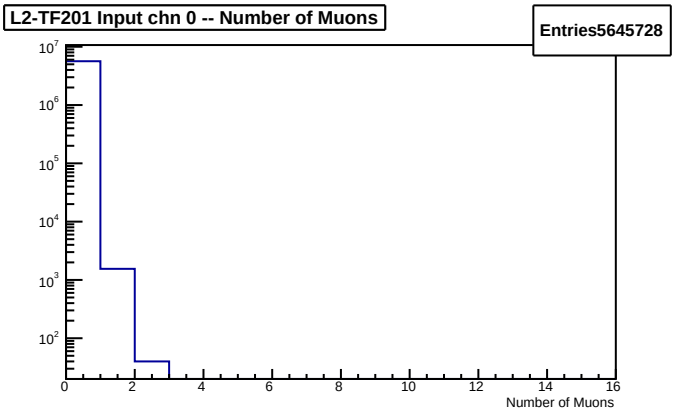

L2-TF201
Entries 0
TOF total mult(Real-Simu)

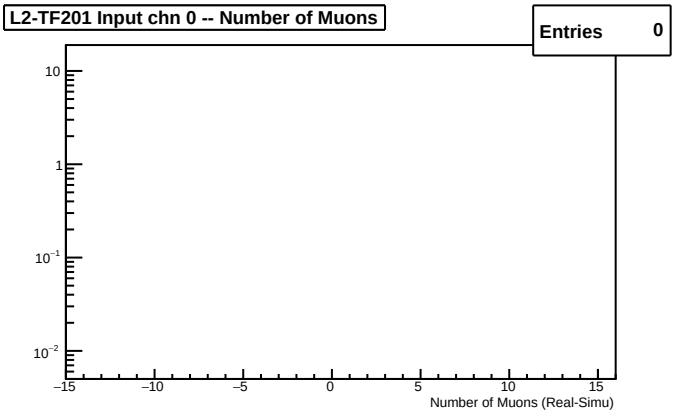

L2-TF201
Entries 3.95201e+07
Threshold/UPC bits
4.82121e+06
4.90049e+06
4.67329e+06
4.80476e+06
4.83321e+06
4.75446e+06
5.2477e+06
824521
745241
972437
840970
812518
891271
398030
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

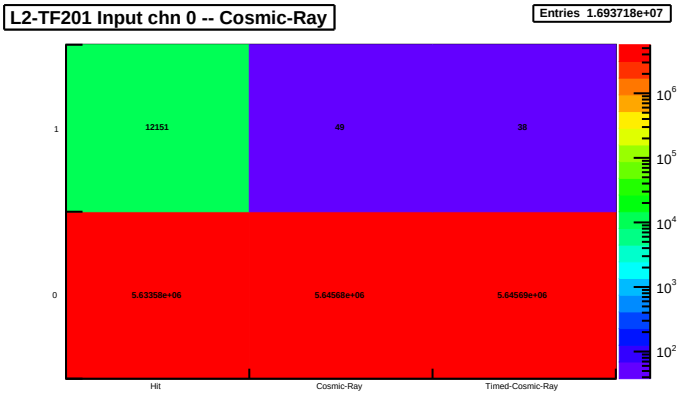

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

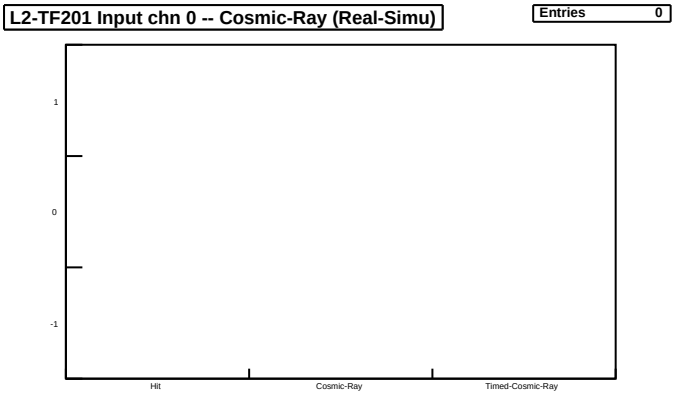

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.516582e+07
Fired
601341
609929
1.82693e+06
1.81626e+06
896696
1.53223e+06
1.23339e+06
1.33632e+06
5.04439e+06
5.0358e+06
3.81879e+06
3.82946e+06
4.74903e+06
4.1135e+06
4.41234e+06
4.3094e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

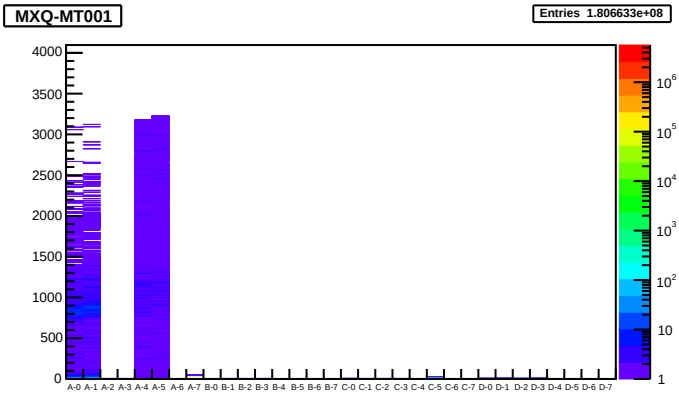

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

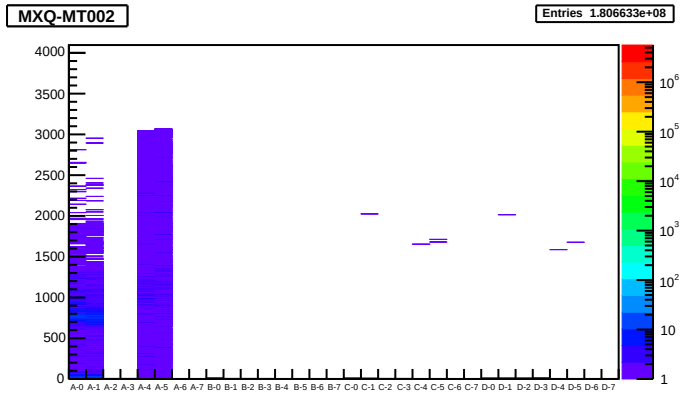

L2-TF201 Input chn 0 -- Number of Muons
Entries5645728
Number of Muons

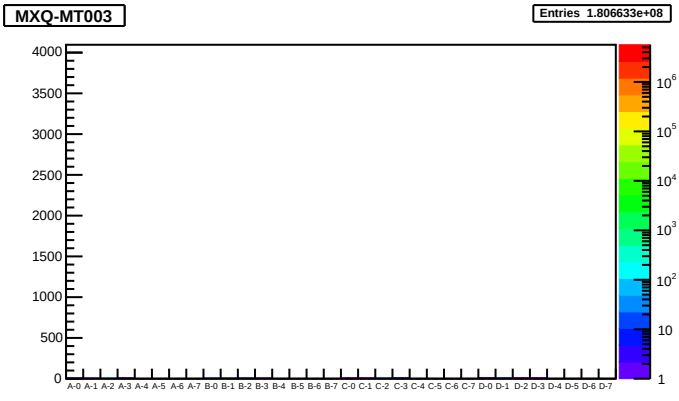

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

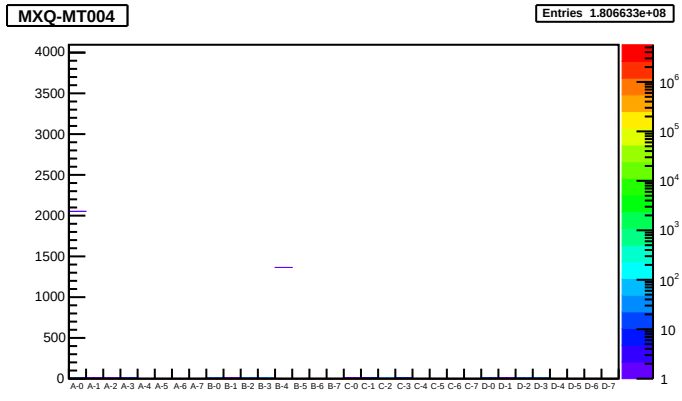

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.693718e+07
12151
49
38
5.63358e+06
5.64568e+06
5.64569e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

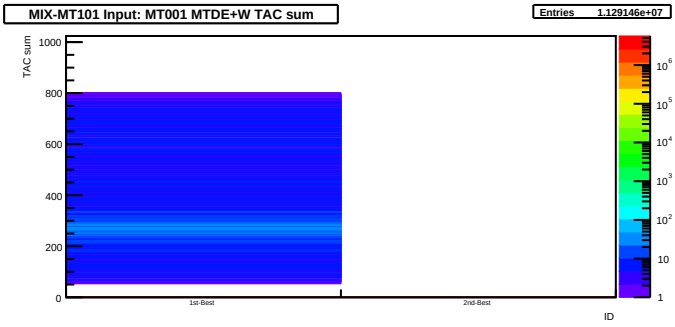

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

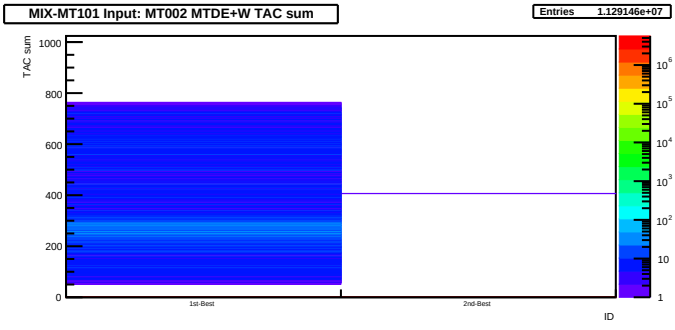

MXQ-MT001
Entries 1.806633e+08

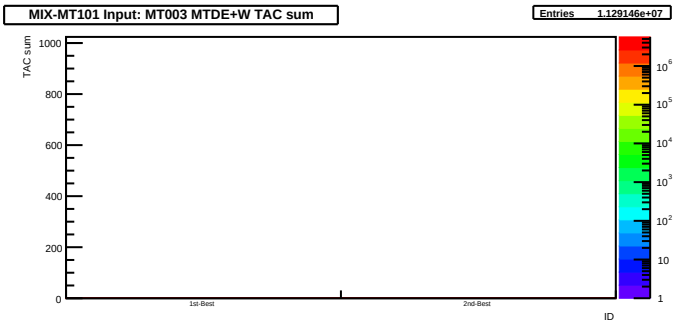

MXQ-MT002
Entries 1.806633e+08

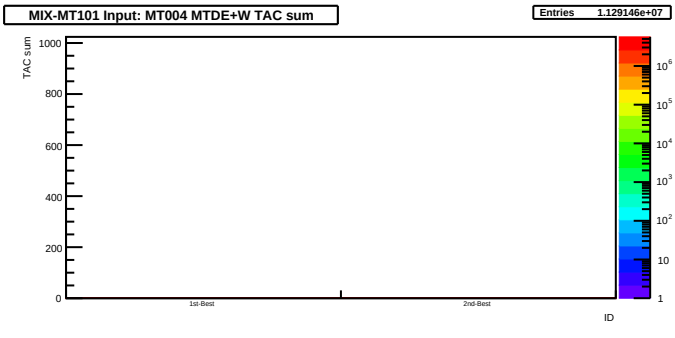

MXQ-MT003
Entries 1.806633e+08

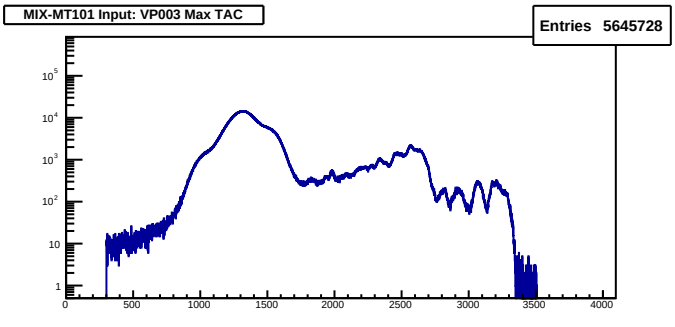

MXQ-MT004
Entries 1.806633e+08

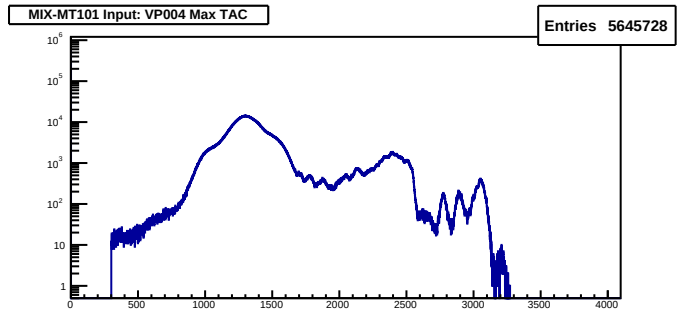

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.129146e+07
TAC sum
1st-Best
2nd-Best
ID

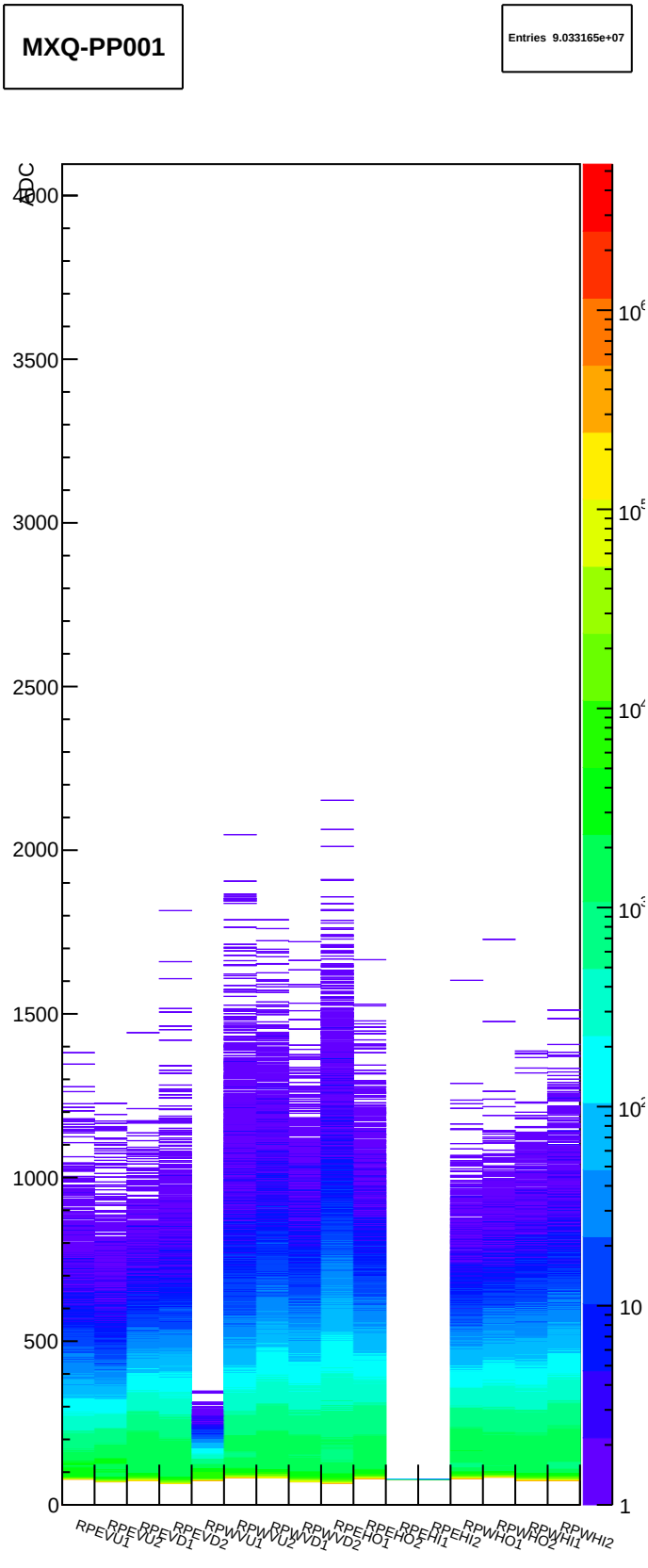

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.129146e+07
TAC sum
1st-Best
2nd-Best
ID

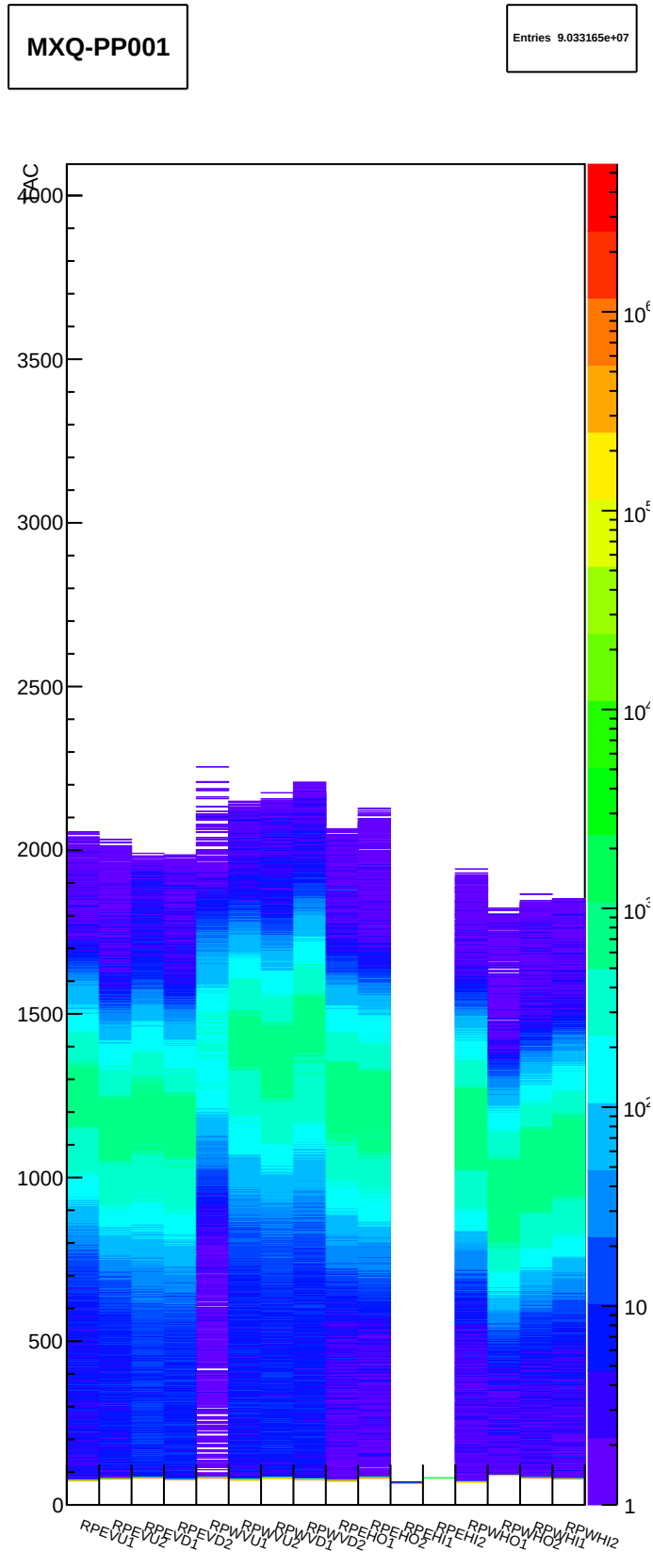

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.129146e+07
TAC sum
1st-Best
2nd-Best
ID

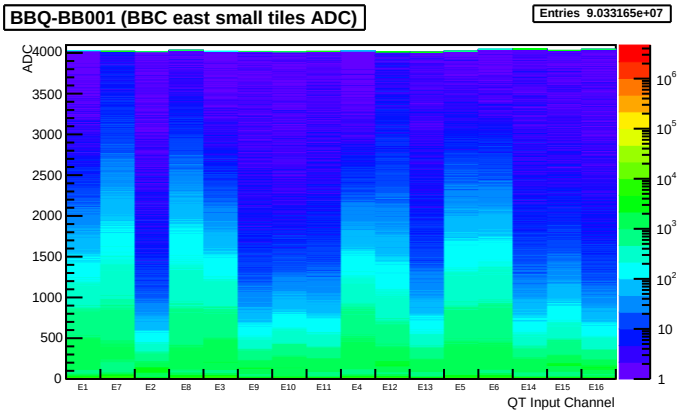

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.129146e+07
TAC sum
1st-Best
2nd-Best
ID

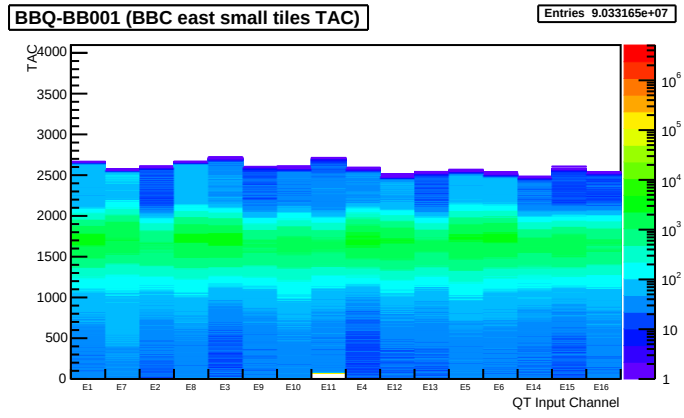

MIX-MT101 Input: VP003 Max TAC
Entries 5645728

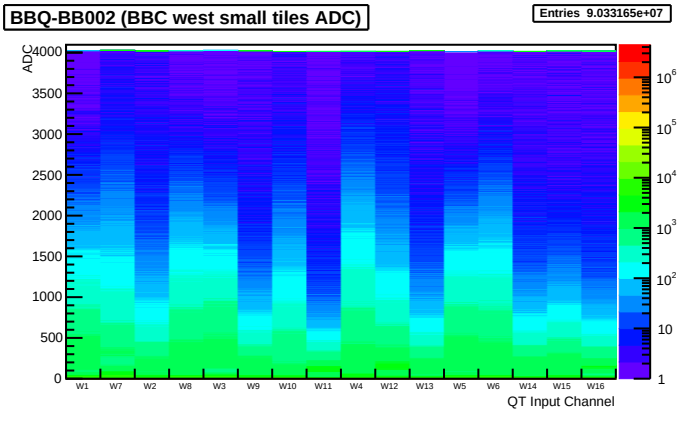

MIX-MT101 Input: VP004 Max TAC
Entries 5645728

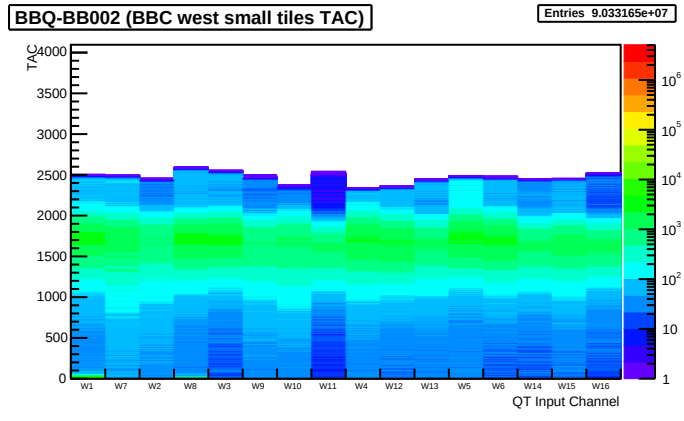

MXQ-PP001
Entries 9.033165e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

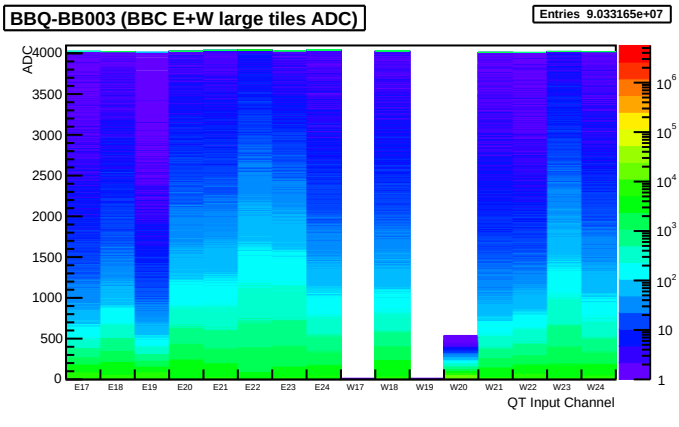

MXQ-PP001
Entries 9.033165e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

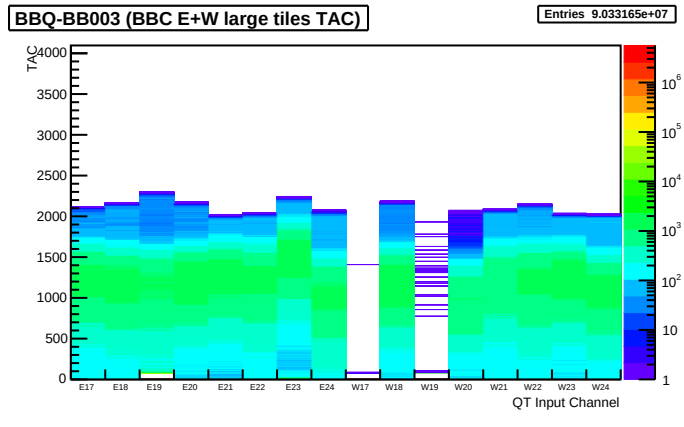

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.033165e+07
ADC
QT Input Channel

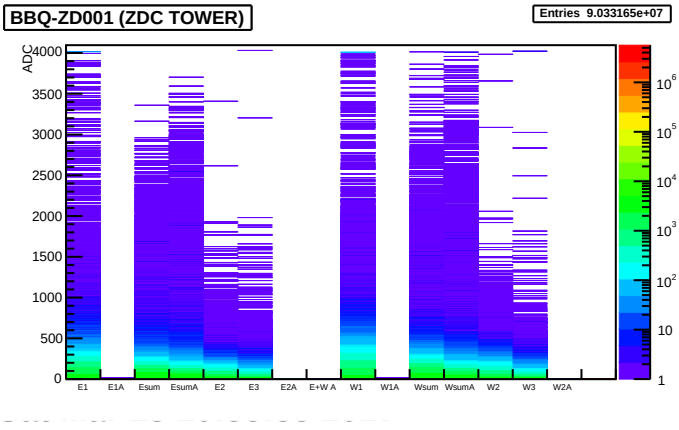

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.033165e+07
TAC
QT Input Channel

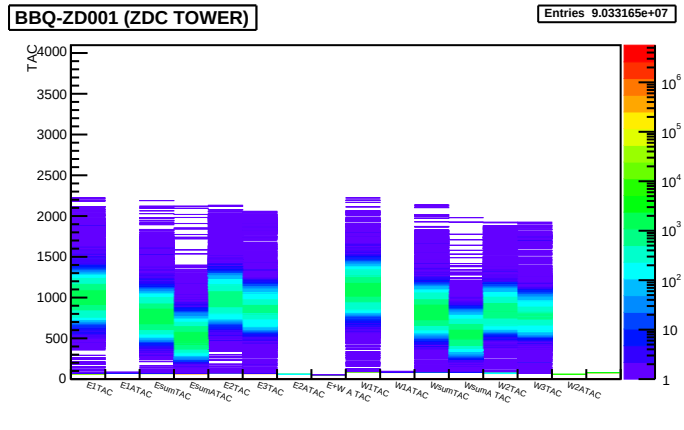

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.033165e+07
ADC
QT Input Channel

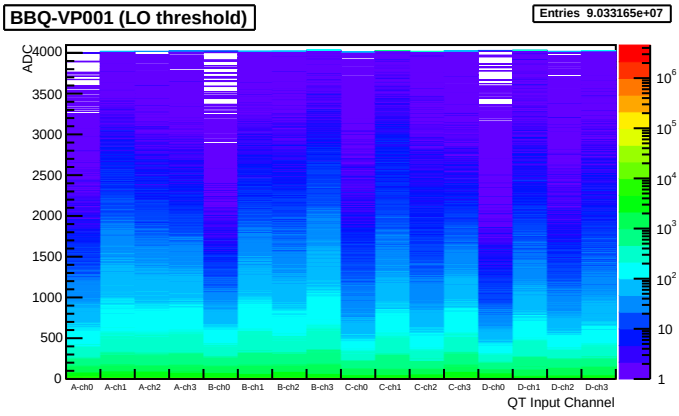

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.033165e+07
TAC
QT Input Channel

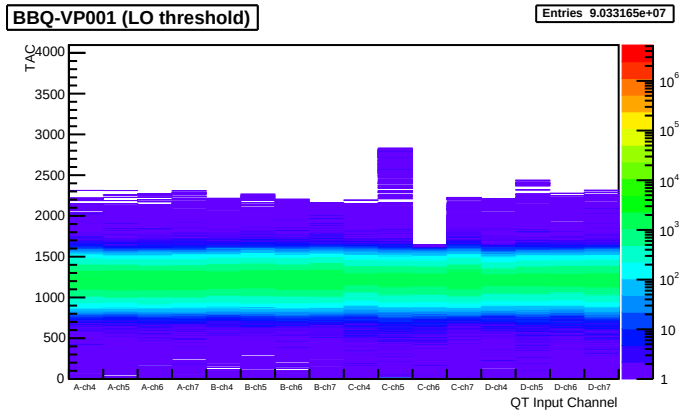

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.033165e+07
ADC
QT Input Channel

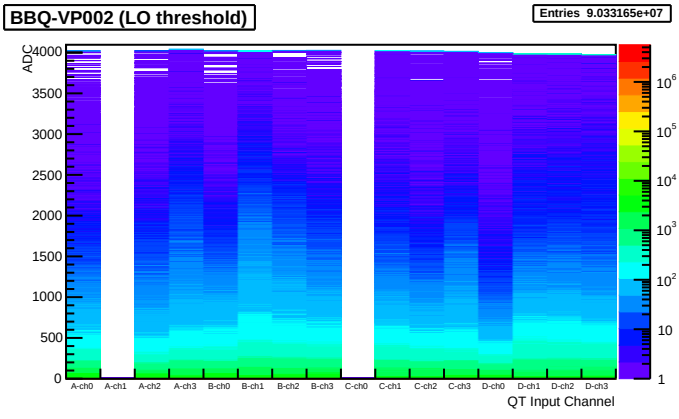

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.033165e+07
TAC
QT Input Channel

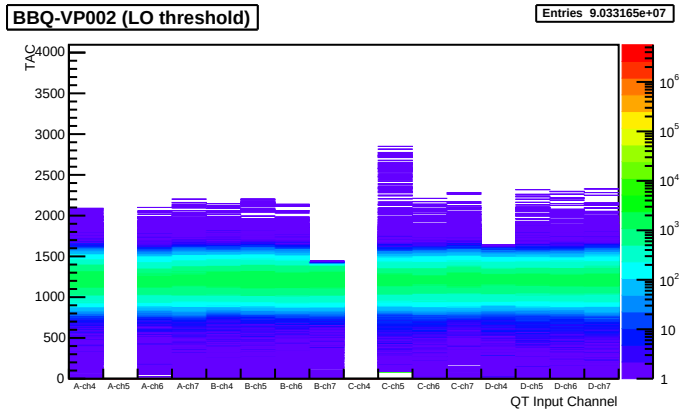

BBQ-ZD001 (ZDC TOWER)
Entries 9.033165e+07
ADC

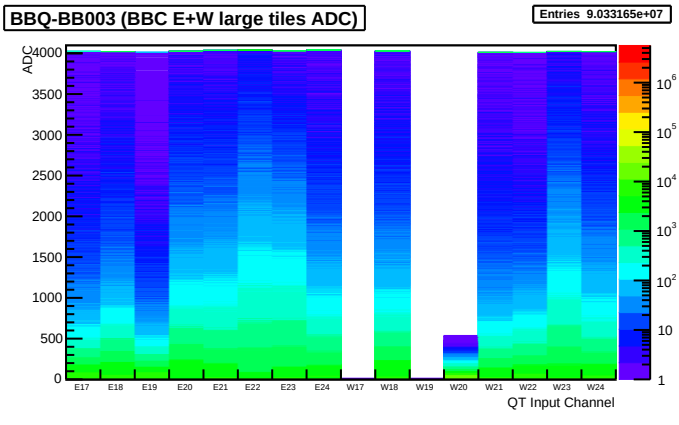

BBQ-ZD001 (ZDC TOWER)
Entries 9.033165e+07
TAC

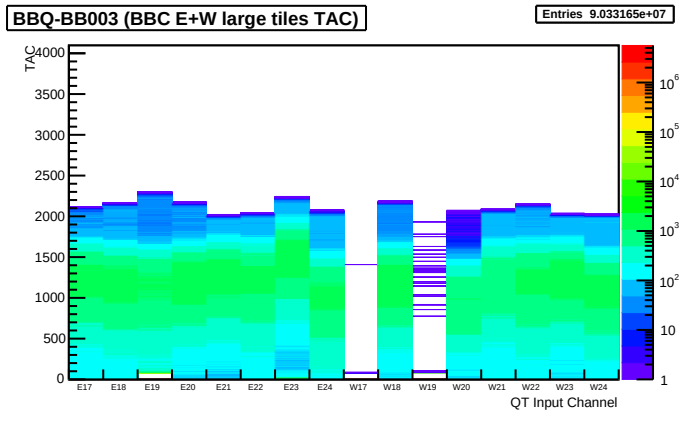

BBQ-VP001 (LO threshold)
Entries 9.033165e+07
ADC
QT Input Channel

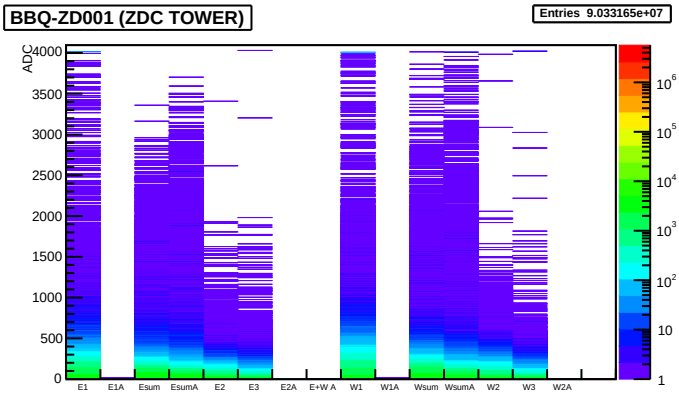

BBQ-VP001 (LO threshold)
Entries 9.033165e+07
TAC
QT Input Channel

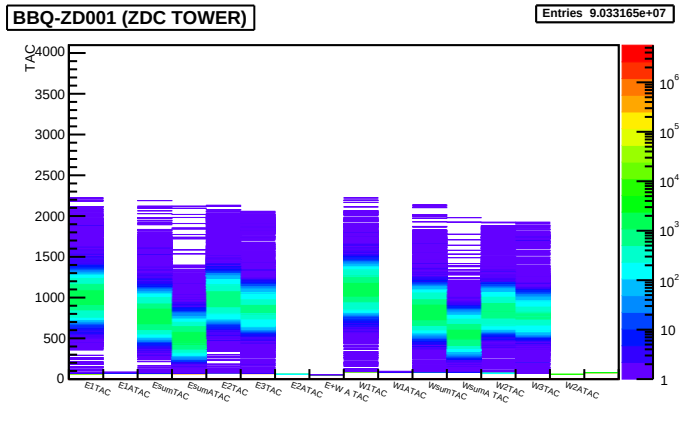

BBQ-VP002 (LO threshold)
Entries 9.033165e+07
ADC
QT Input Channel

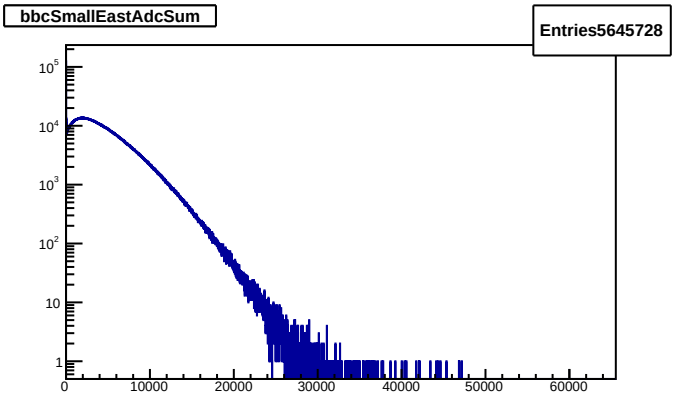

BBQ-VP002 (LO threshold)
Entries 9.033165e+07
TAC
QT Input Channel

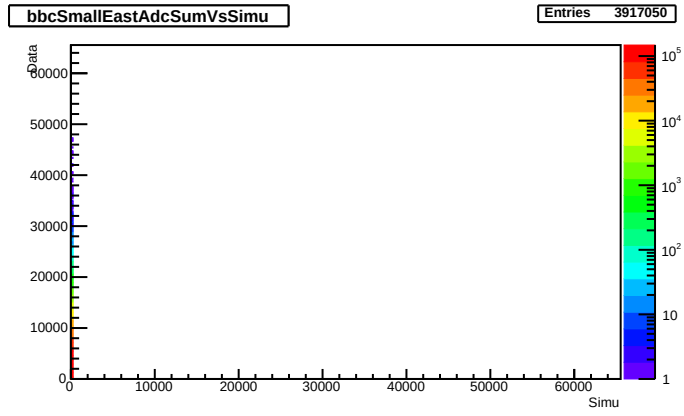

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.033165e+07
ADC
QT Input Channel

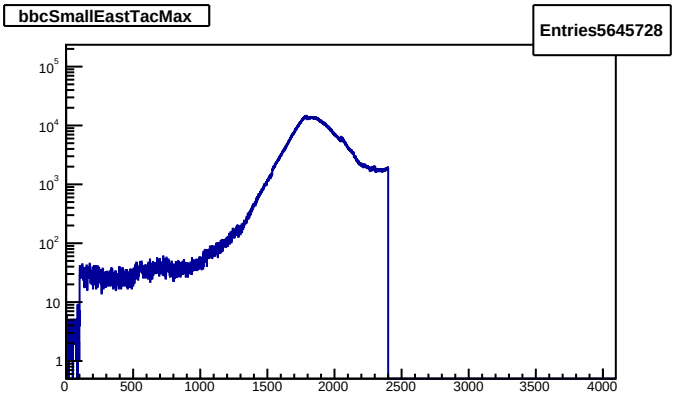

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.033165e+07
TAC
QT Input Channel

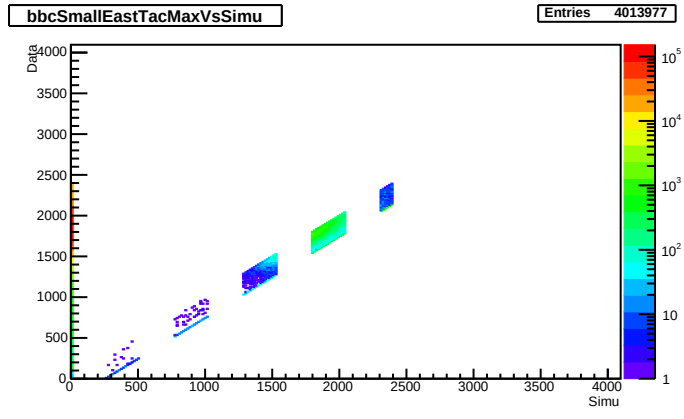

BBQ-ZD001 (ZDC TOWER)
Entries 9.033165e+07
ADC

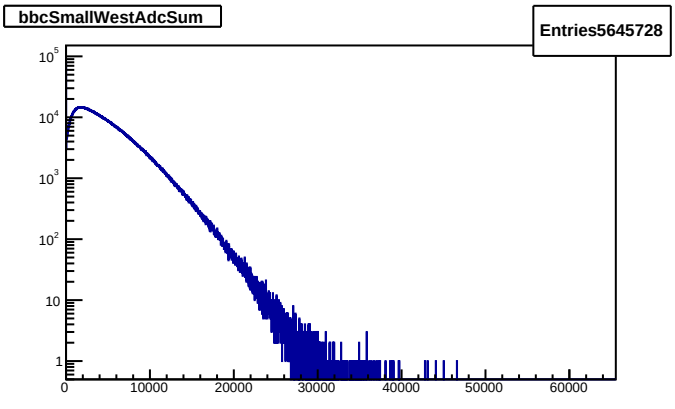

BBQ-ZD001 (ZDC TOWER)
Entries 9.033165e+07
TAC

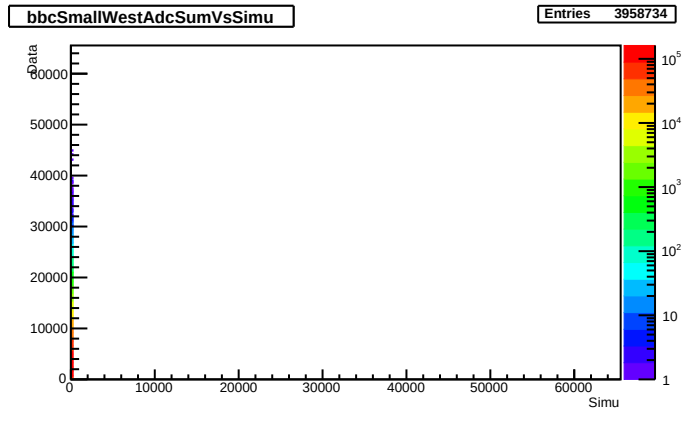

bbcSmallEastAdcSum
Entries5645728

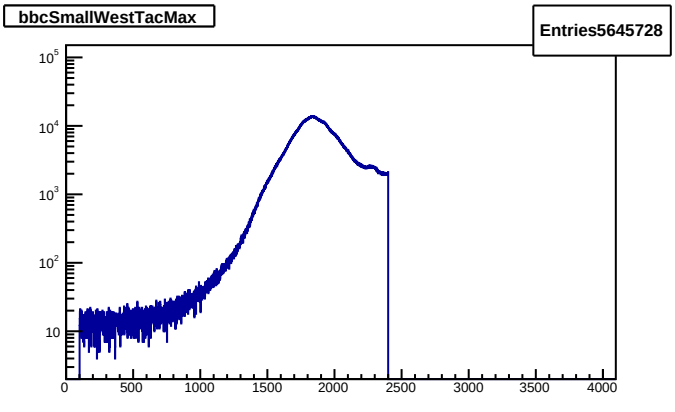

bbcSmallEastAdcSumVsSimu
Entries 3917050
Data
Simu

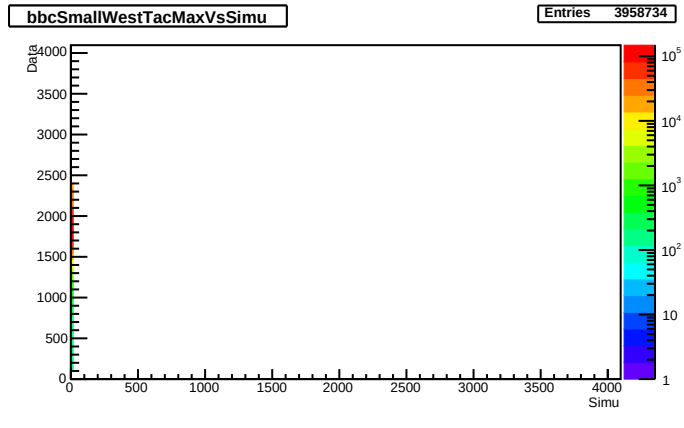

bbcSmallEastTacMax
Entries5645728

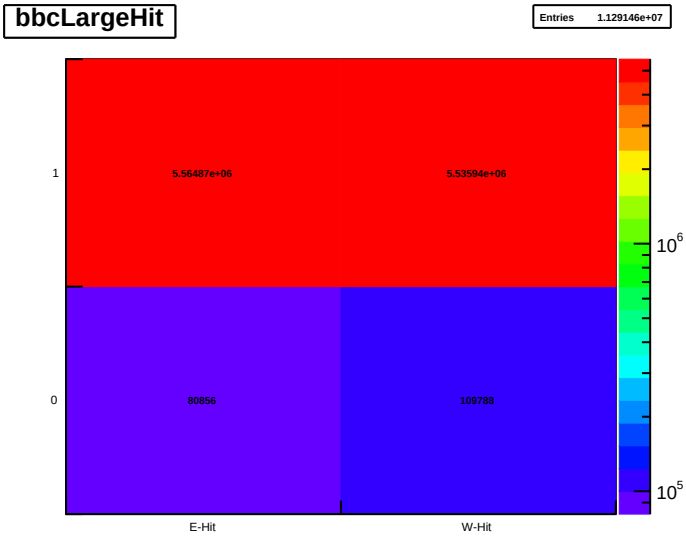

bbcSmallEastTacMaxVsSimu
Entries 4013977
Data
Simu

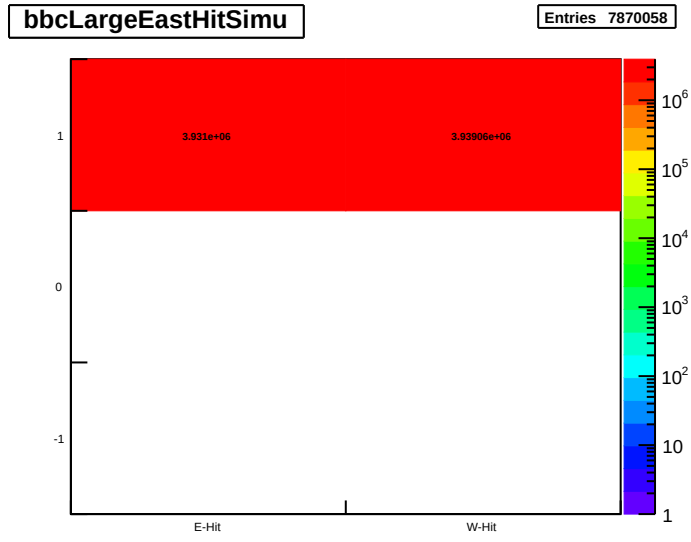

bbcSmallWestAdcSum
Entries5645728

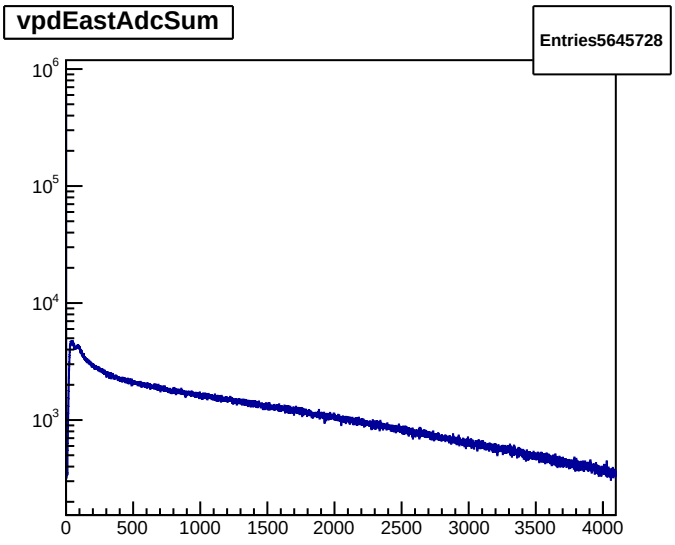

bbcSmallWestAdcSumVsSimu
Entries 3958734
Data
Simu

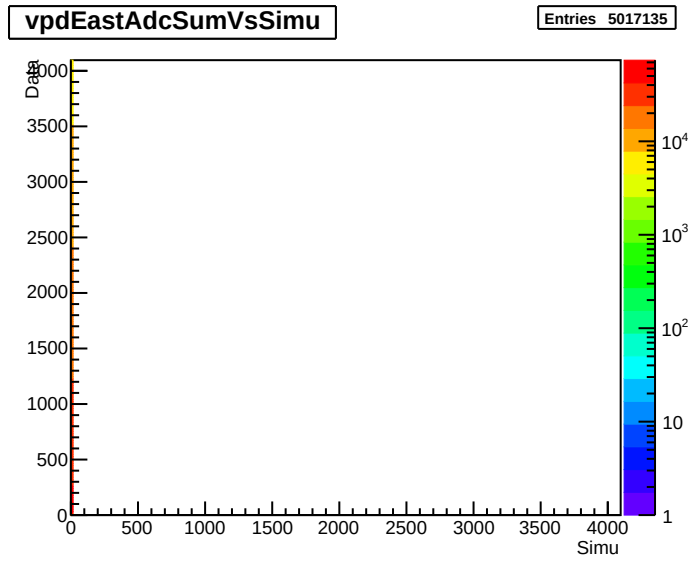

bbcSmallWestTacMax
Entries5645728

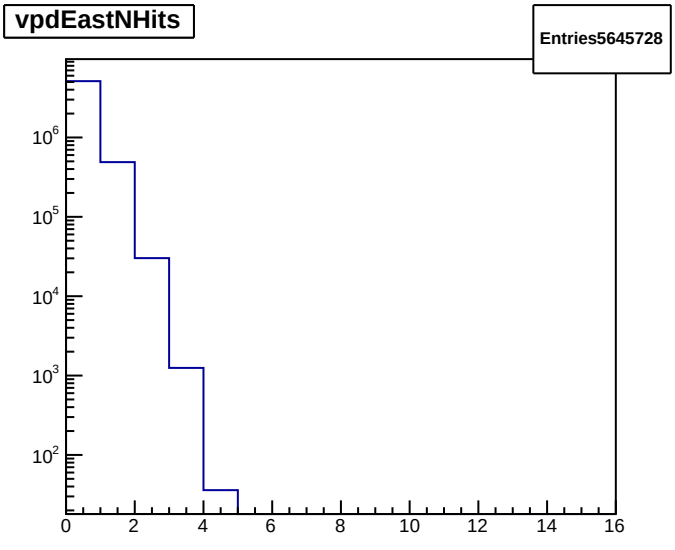

bbcSmallWestTacMaxVsSimu
Entries 3958734
Data
Simu

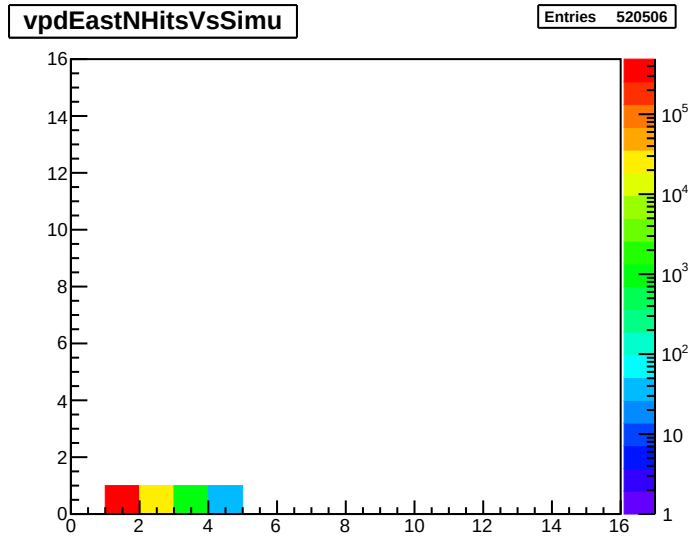

bbcLargeHit
Entries 1.129146e+07
1
0
5.56487e+06
5.53594e+06
80856
109788
E-Hit
W-Hit
10^6
10^5

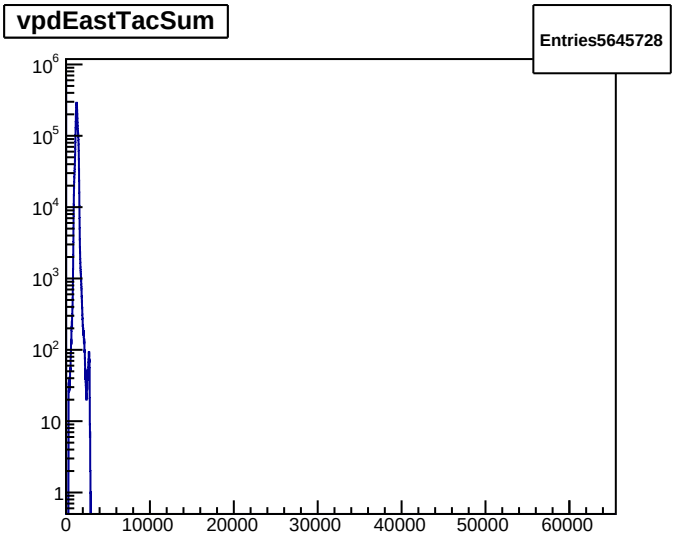

bbcLargeEastHitSimu
Entries 7870058
1
0
-1
3.931e+06
3.93906e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

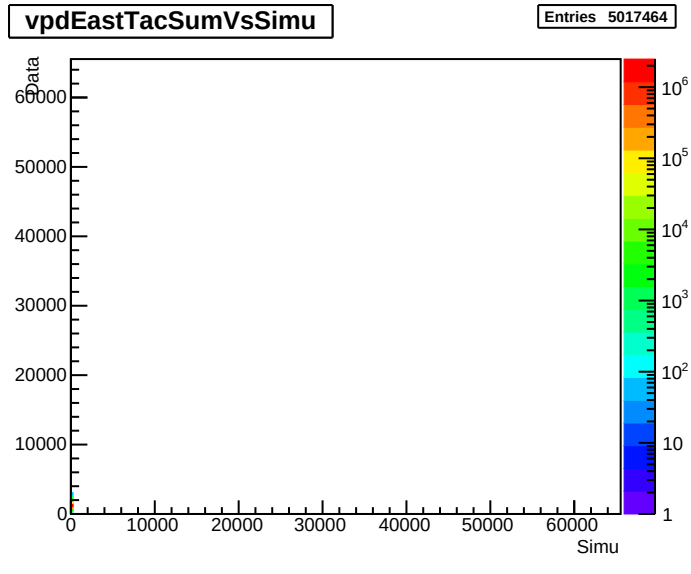

vpdEastAdcSum
Entries5645728

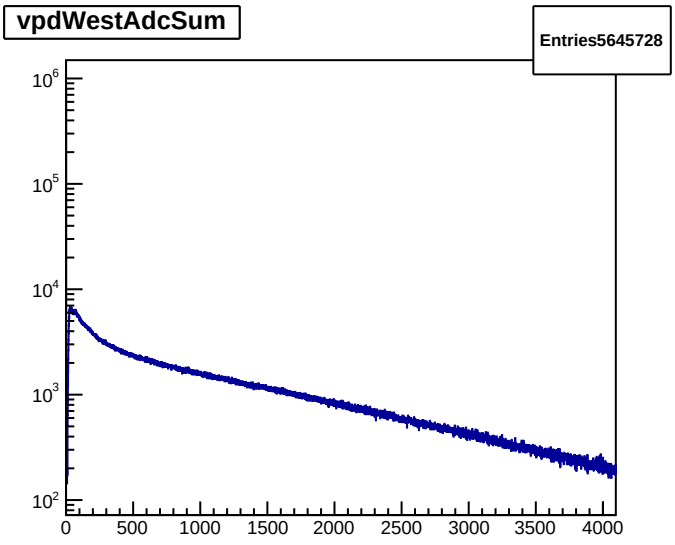

vpdEastAdcSumVsSimu
Entries 5017135
Data
Simu

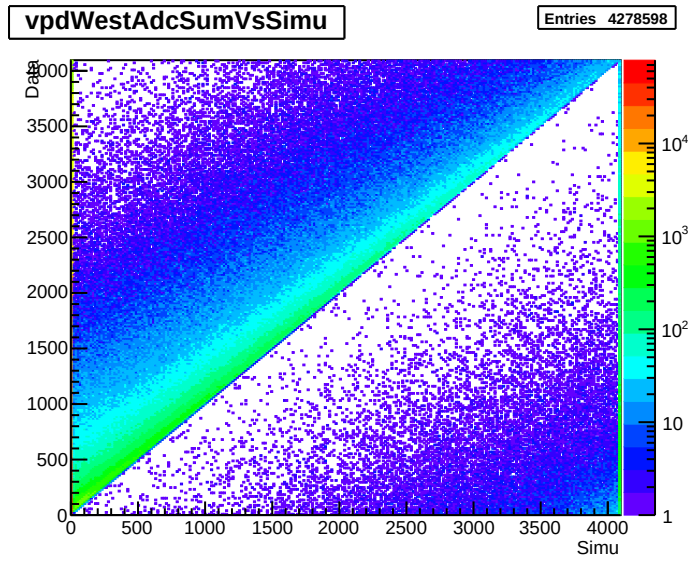

vpdEastNHits
Entries5645728

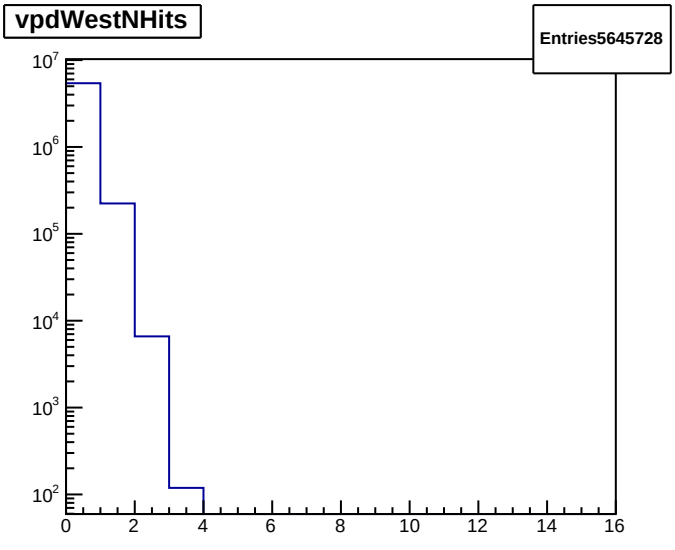

vpdEastNHitsVsSimu
Entries 520506

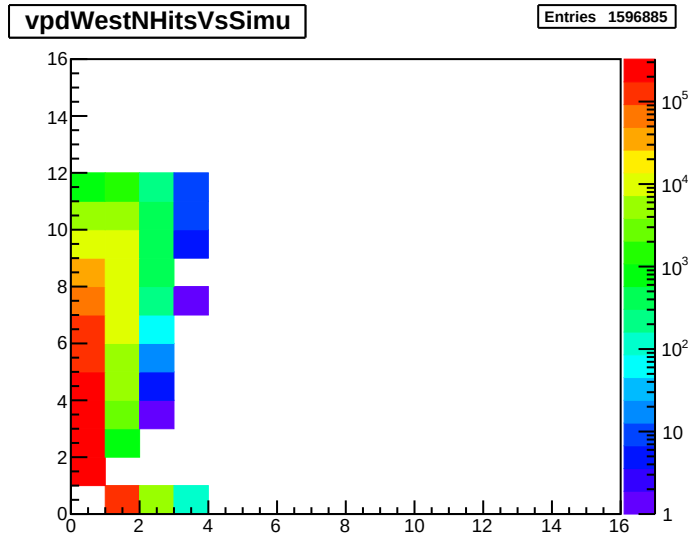

vpdEastTacSum
Entries5645728

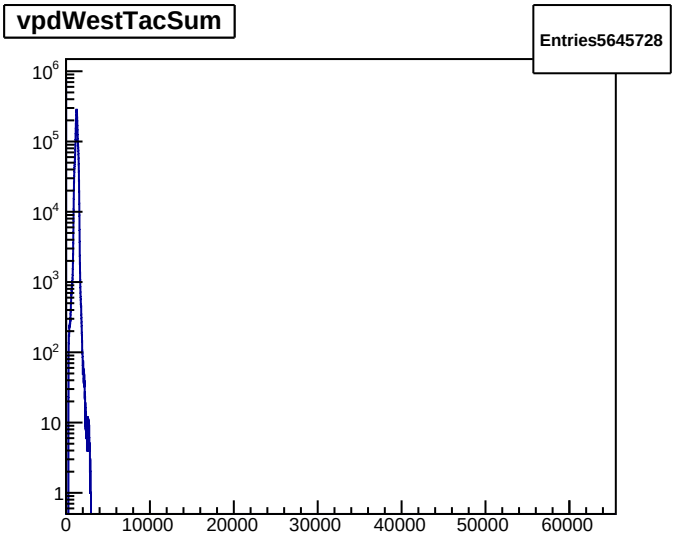

vpdEastTacSumVsSimu
Entries 5017464
Data
Simu

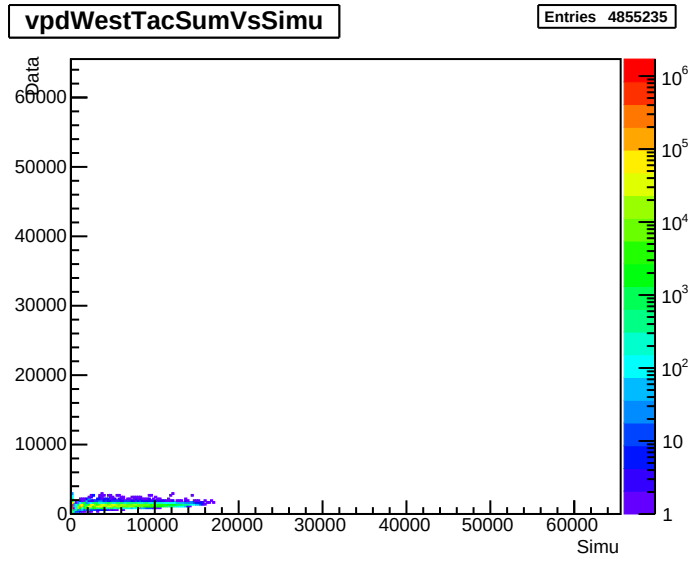

vpdWestAdcSum
Entries5645728

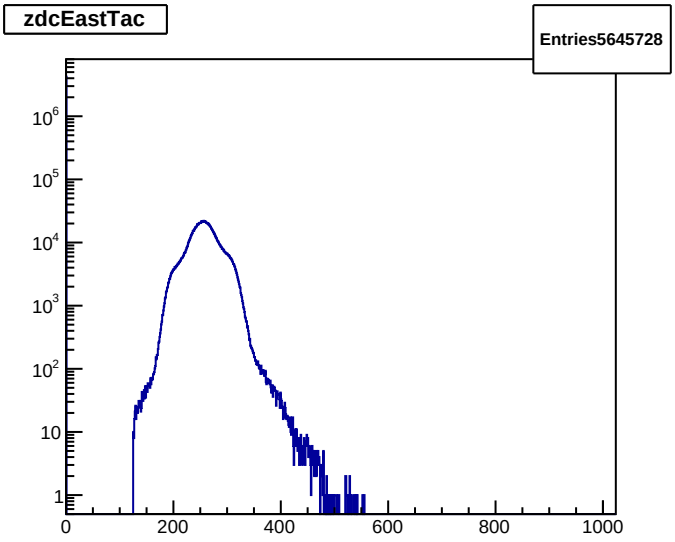

vpdWestAdcSumVsSimu
Entries 4278598
Data
Simu

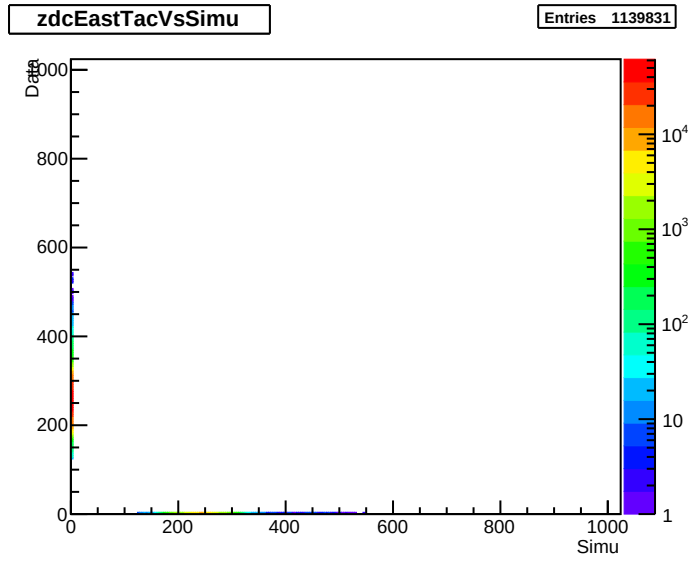

vpdWestNHits
Entries5645728

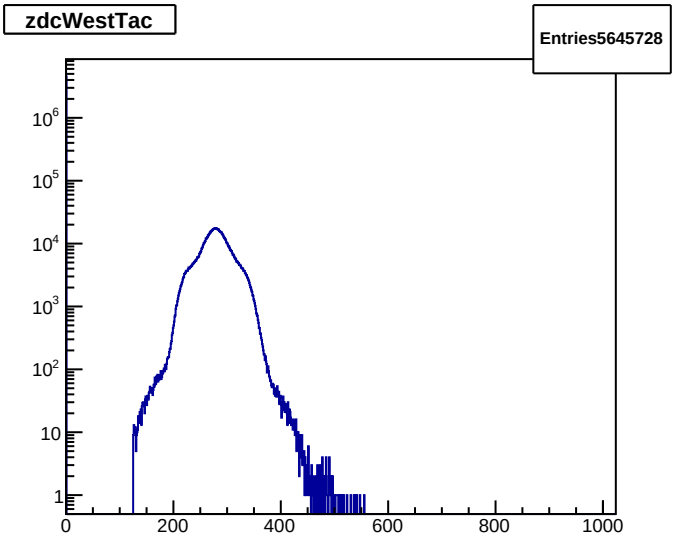

vpdWestNHitsVsSimu
Entries 1596885

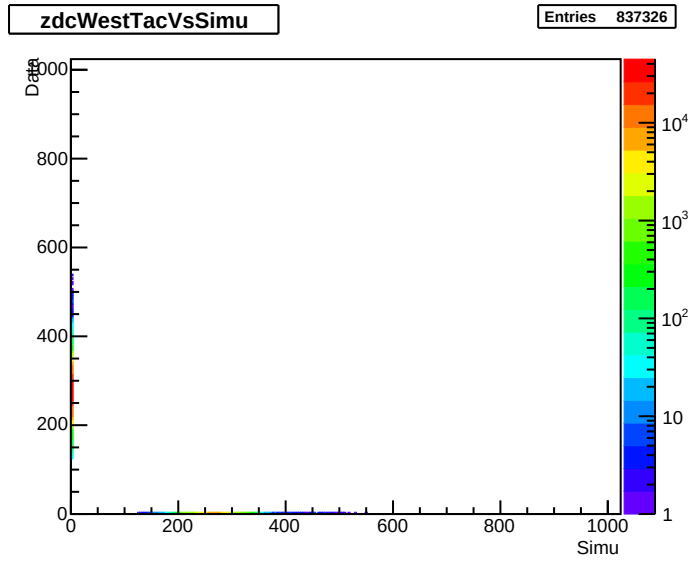

vpdWestTacSum
Entries5645728

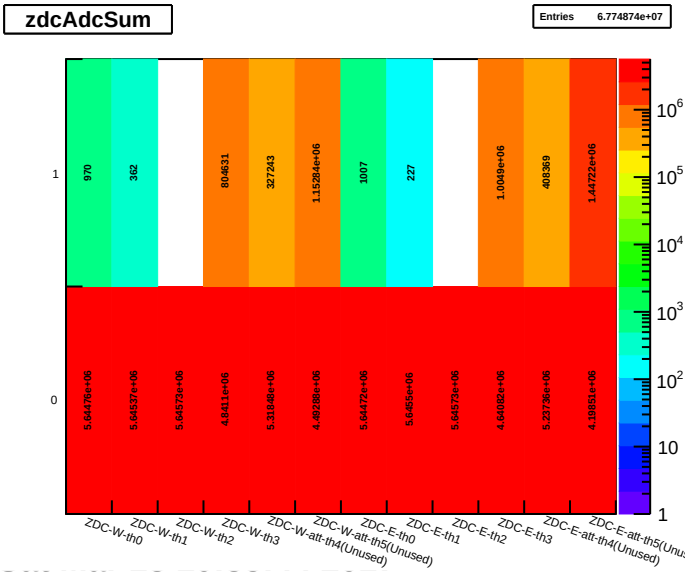

vpdWestTacSumVsSimu
Entries 4855235
Data
Simu

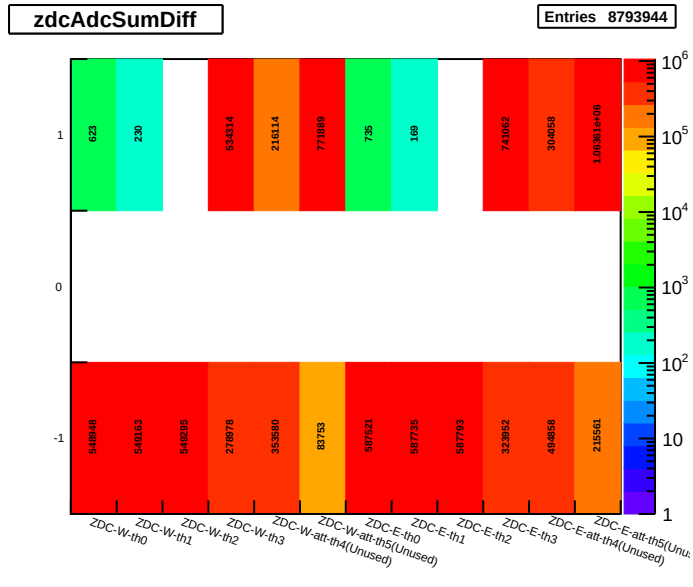

zdcEastTac
Entries5645728

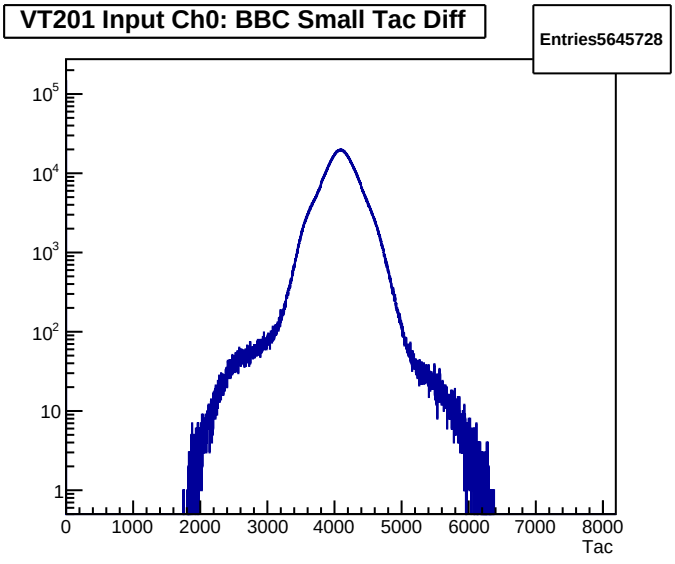

zdcEastTacVsSimu
Entries 1139831
Data
Simu

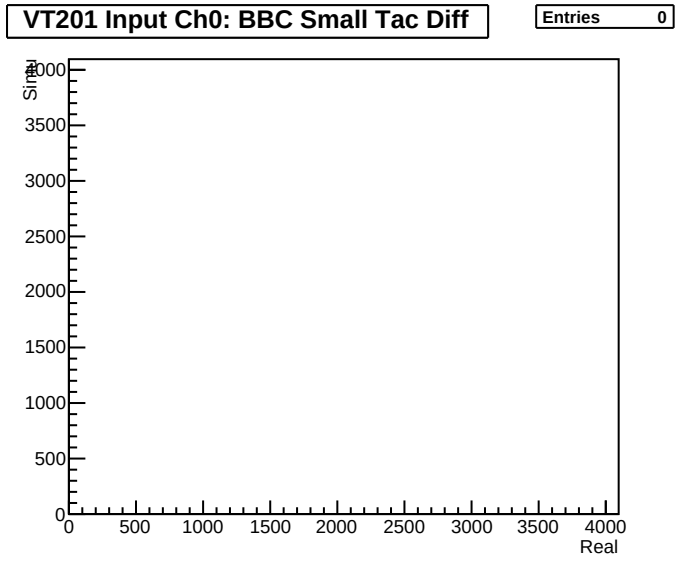

zdcWestTac
Entries5645728

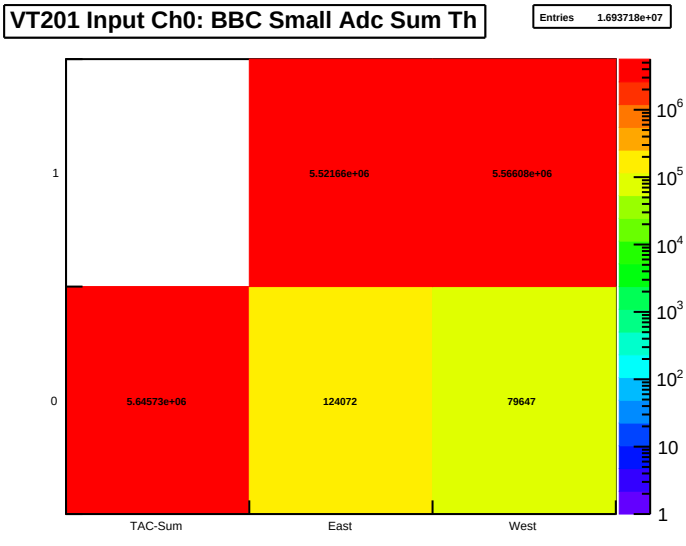

zdcWestTacVsSimu
Entries 837326
Data
Simu

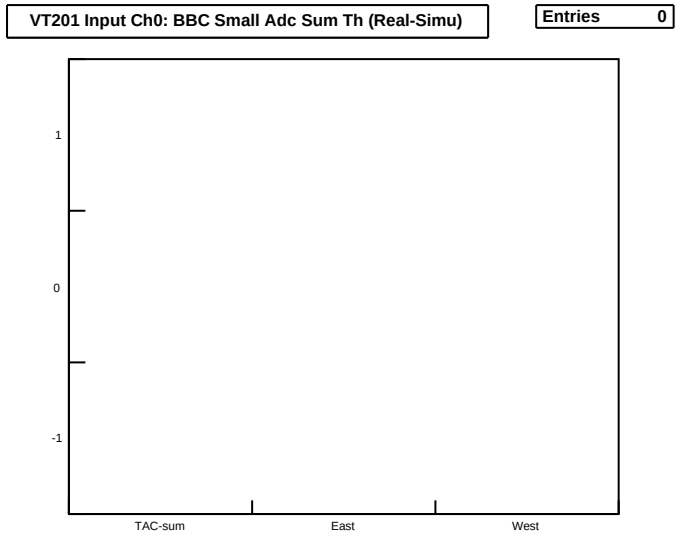

zdcAdcSum
Entries 6.774874e+07
970
362
804631
327243
1.15284e+06
1007
227
1.0049e+06
408369
1.44722e+06
5.64476e+06
5.64537e+06
5.64573e+06
4.8411e+06
5.31846e+06
4.49238e+06
5.64472e+06
5.6455e+06
5.64573e+06
4.64082e+06
5.23736e+06
4.19851e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

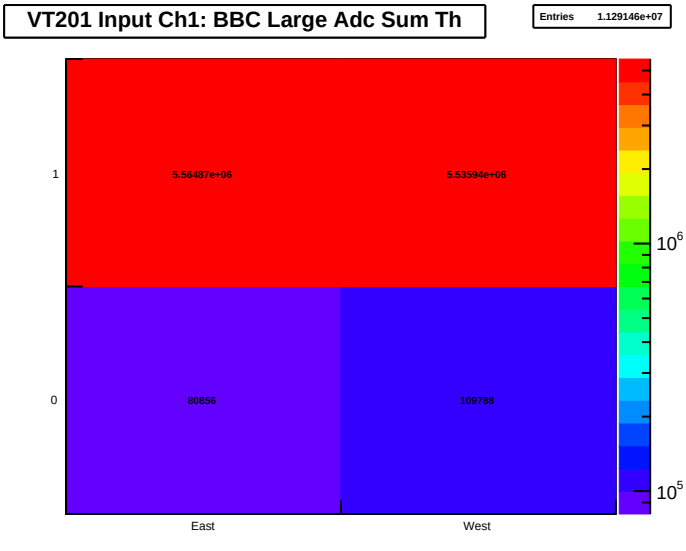

zdcAdcSumDiff
Entries 8793944
623
230
534314
216114
771839
735
169
741062
304058
1.06361e+06
549948
549163
549295
278978
353580
83753
587521
587735
587793
323952
494858
215561
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

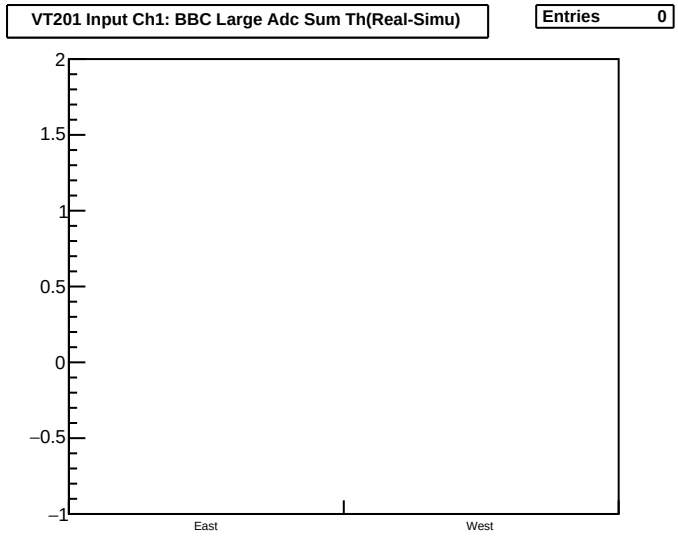

VT201 Input Ch0: BBC Small Tac Diff
Entries5645728
Tac


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

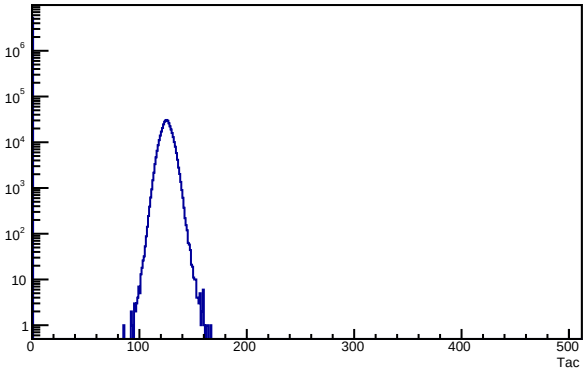

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.693718e+07
5.52166e+06
5.56608e+06
5.64573e+06
124072
79647
TAC-Sum
East
West


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

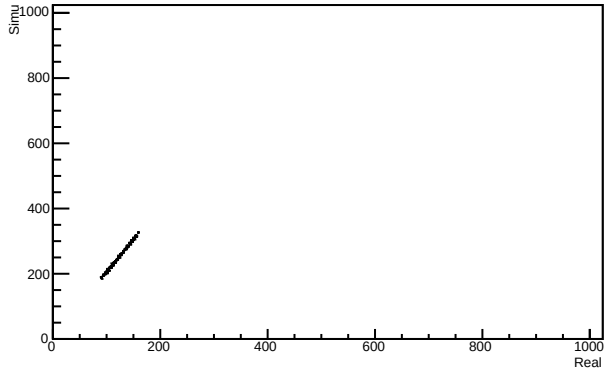

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.129146e+07
5.56487e+06
5.53594e+06
80856
109788
East
West


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

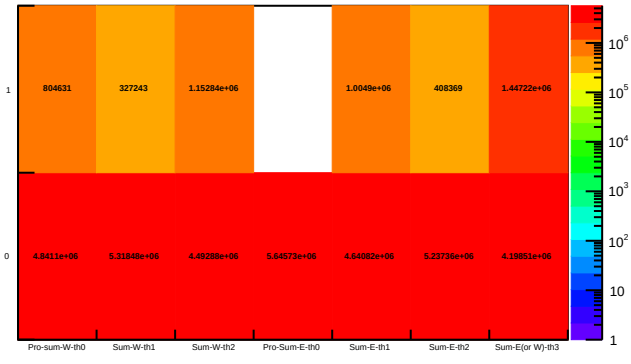
VT201 Input Ch2: ZDC Tac Diff



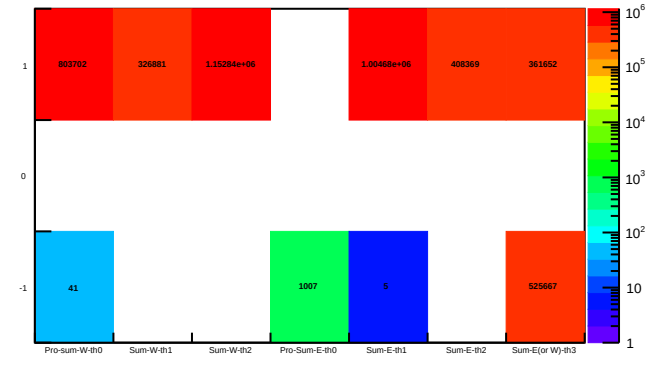
VT201 Input Ch2: ZDC Tac Diff



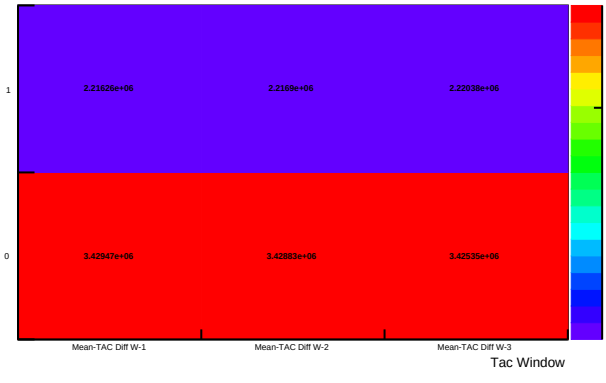
VT201 Input Ch2: ZDC Adc Sum Th



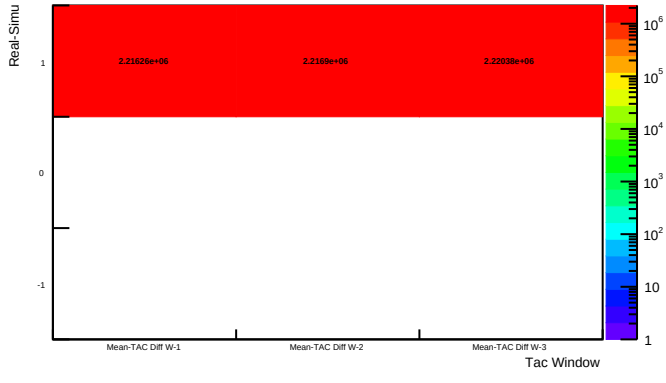
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



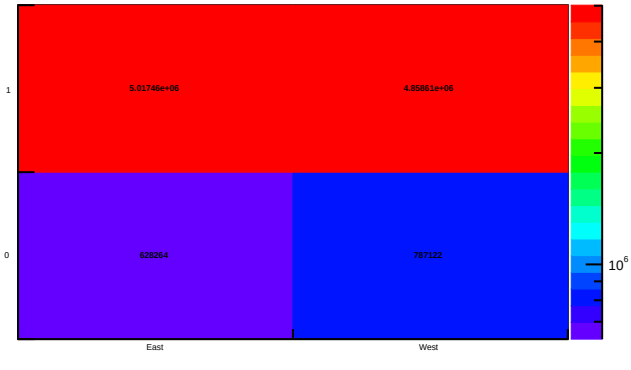
VT201 Input Ch4: VPD Tac Diff



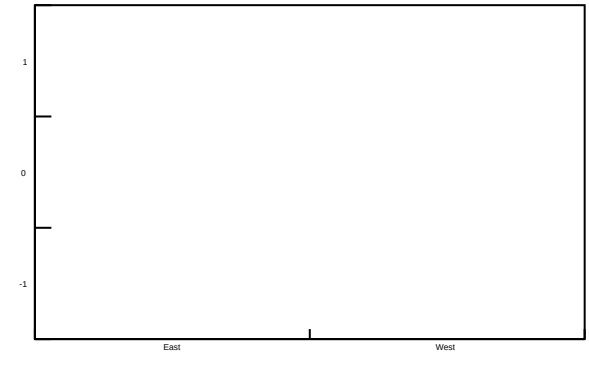
VT201 Input Ch4: VPD Tac Diff

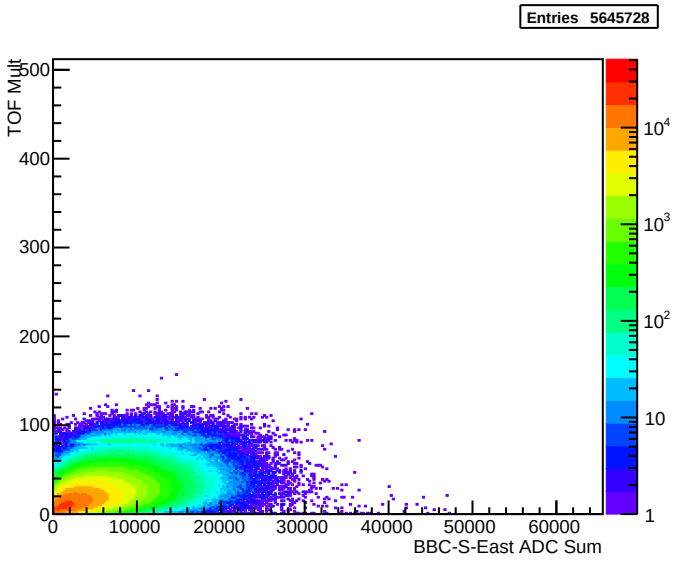


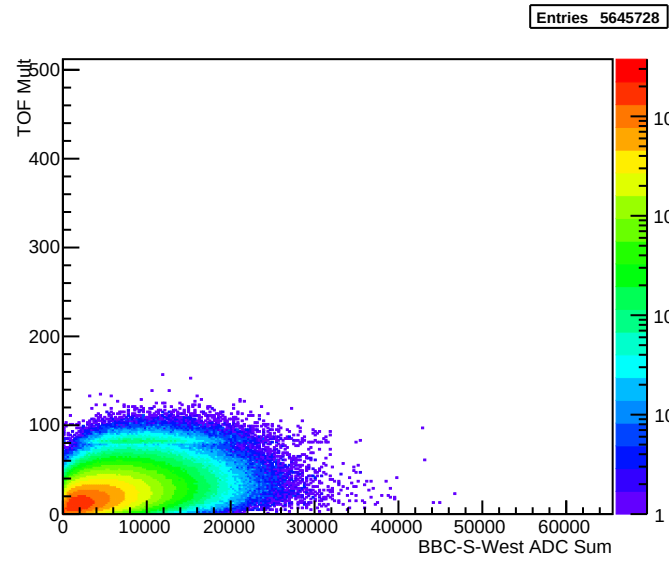
VT201 Input Ch4: VPD Adc Sum Th

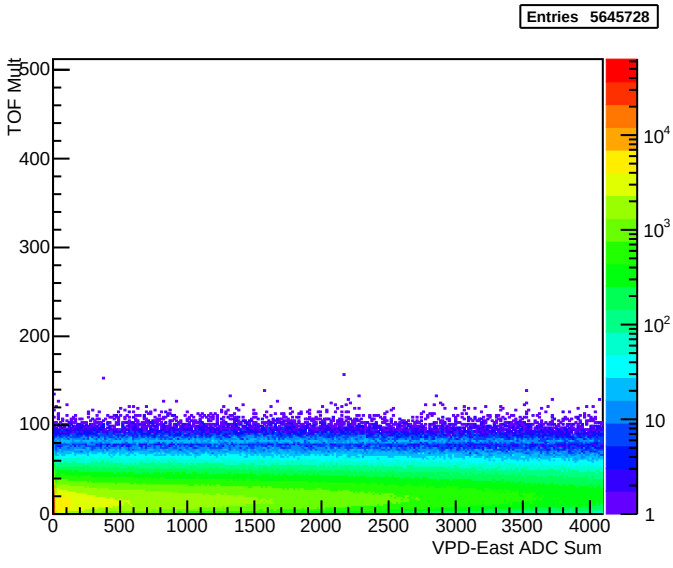


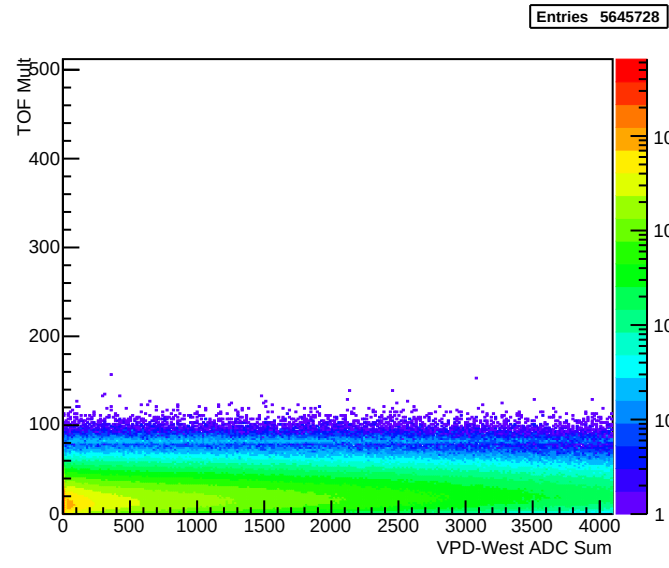
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

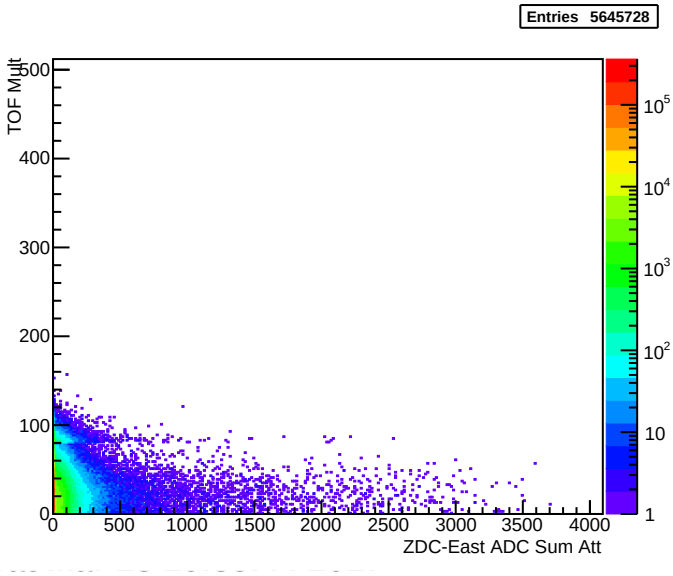


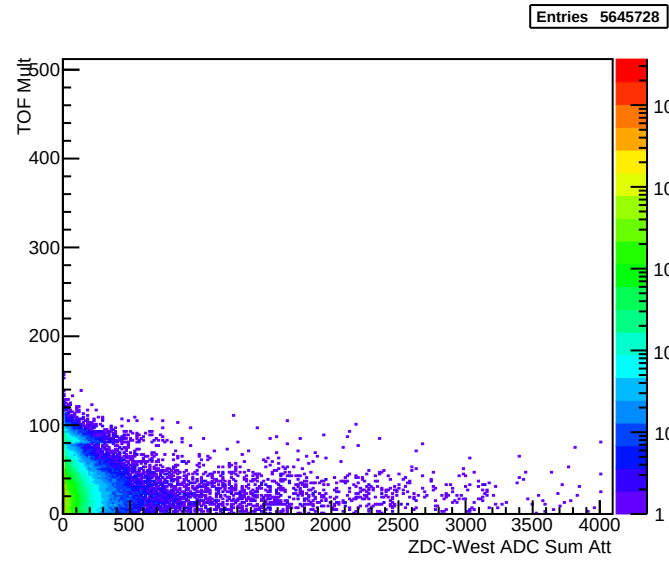

Entries 5645728
TOF Mult
BBC-S-East ADC Sum

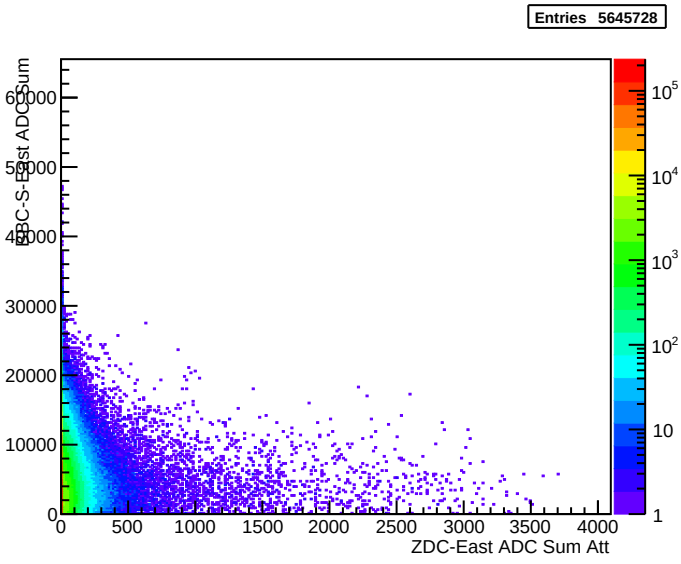

Entries 5645728
TOF Mult
BBC-S-West ADC Sum

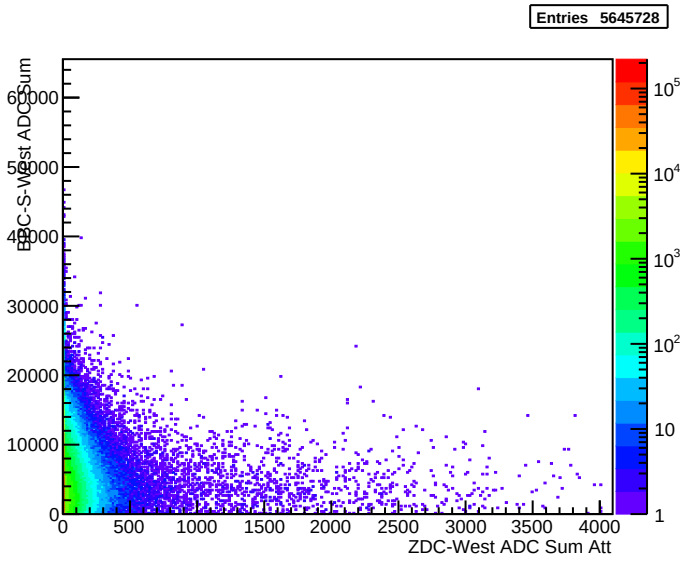

Entries 5645728
TOF Mult
VPD-East ADC Sum

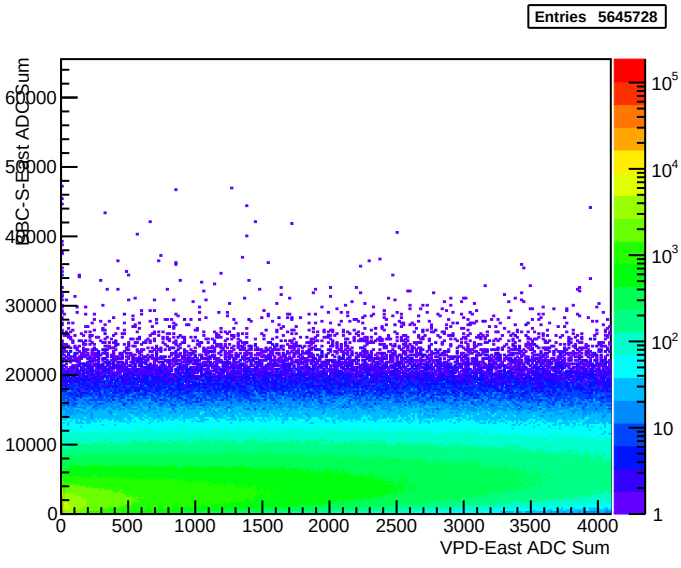

Entries 5645728
TOF Mult
VPD-West ADC Sum

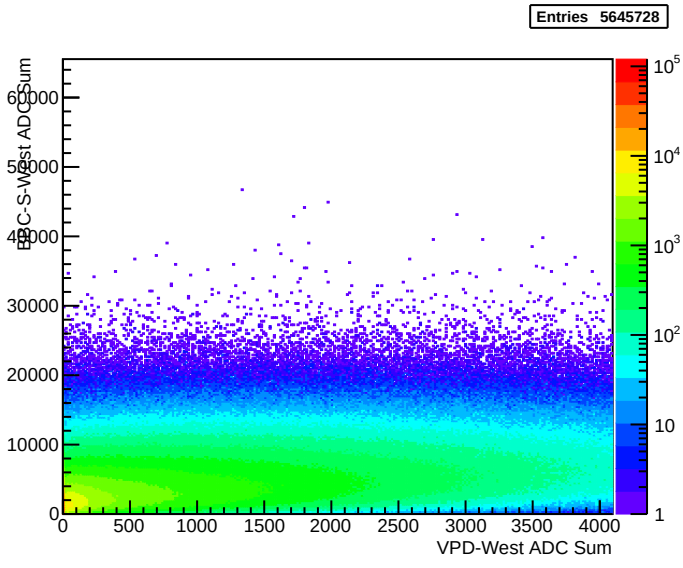

Entries 5645728
TOF Mult
ZDC-East ADC Sum Att

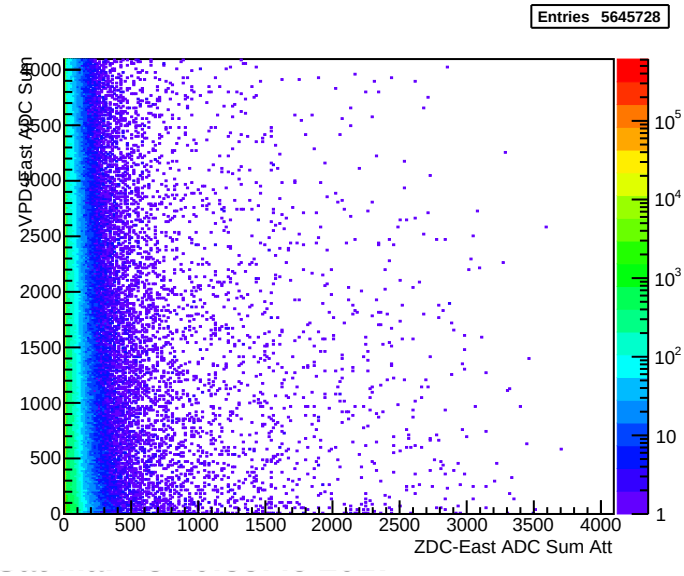

Entries 5645728
TOF Mult
ZDC-West ADC Sum Att

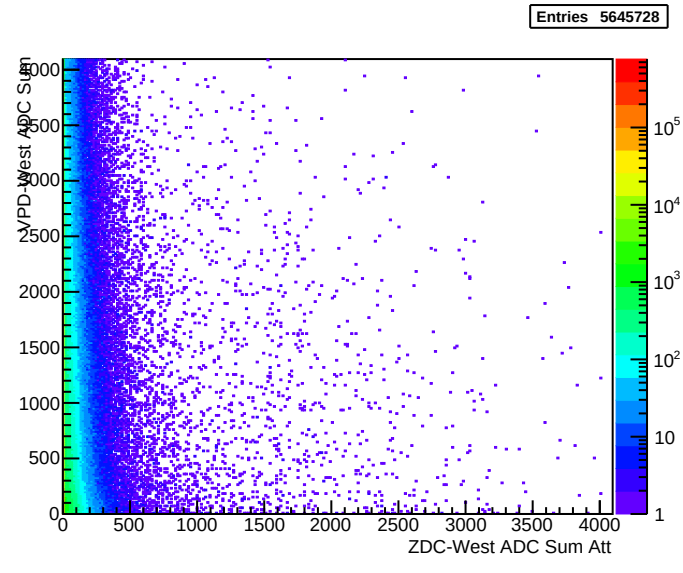

Entries 5645728
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

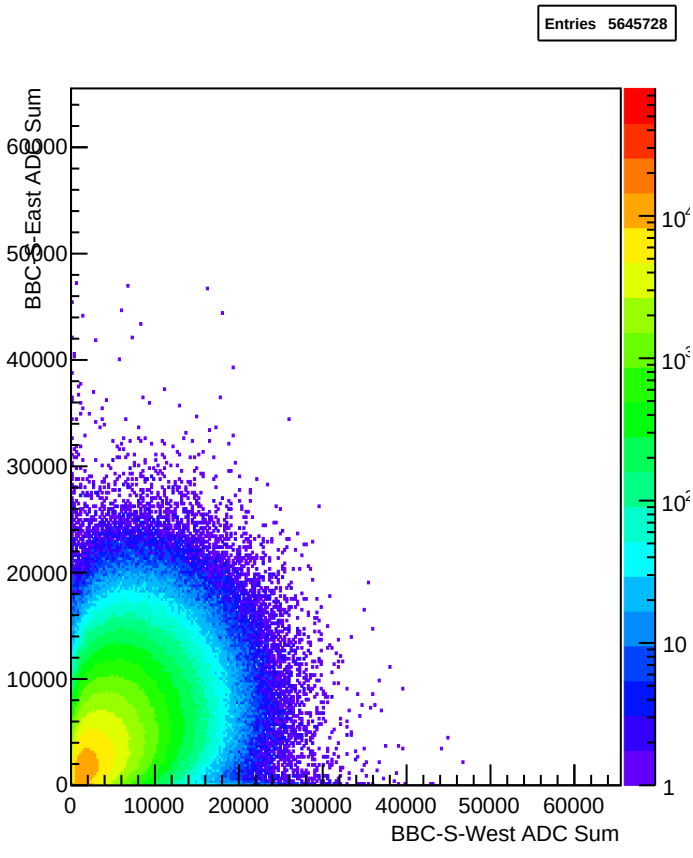

Entries 5645728
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

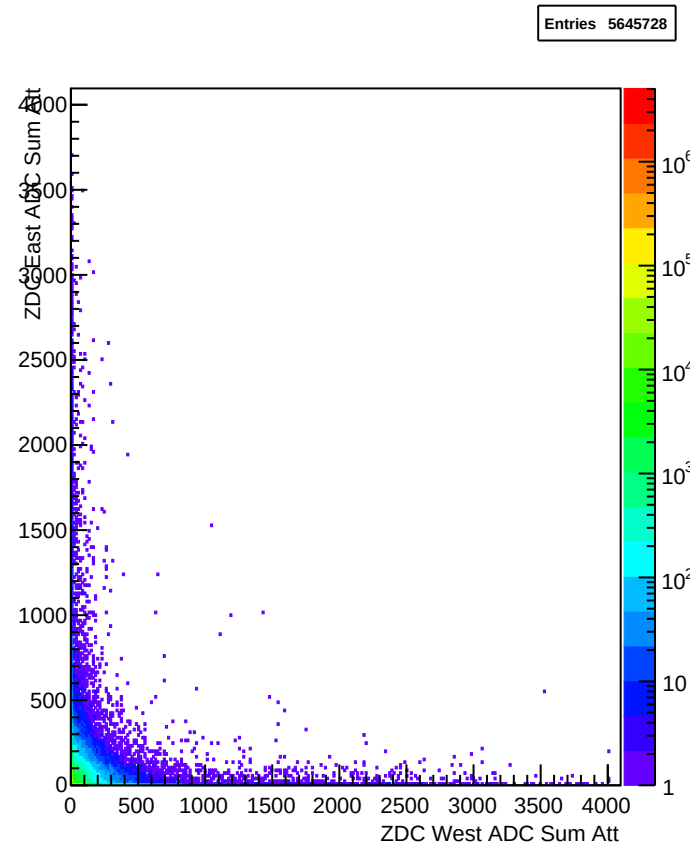

Entries 5645728
BBC-S-East ADC Sum
VPD-East ADC Sum

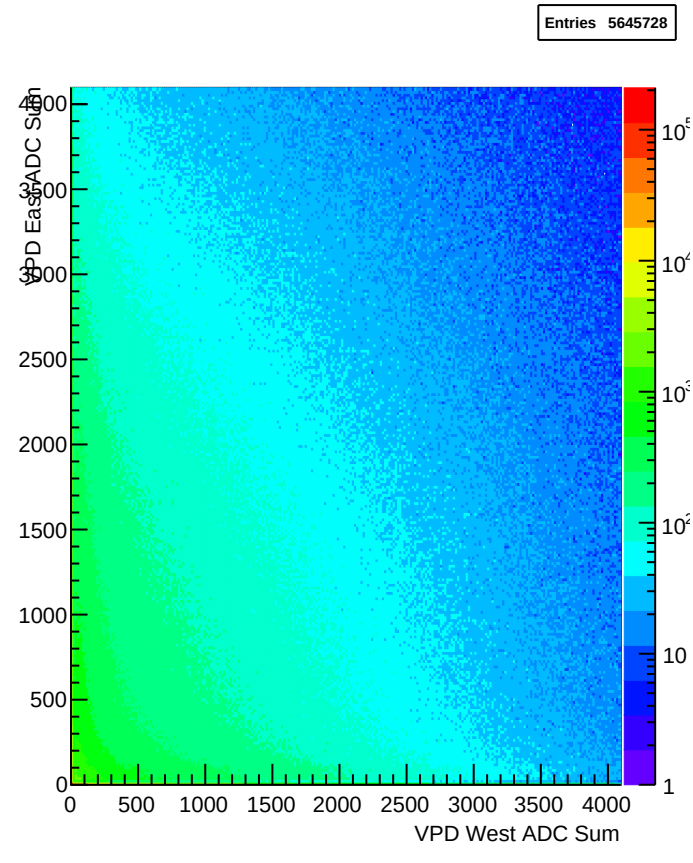

Entries 5645728
BBC-S-West ADC Sum
VPD-West ADC Sum

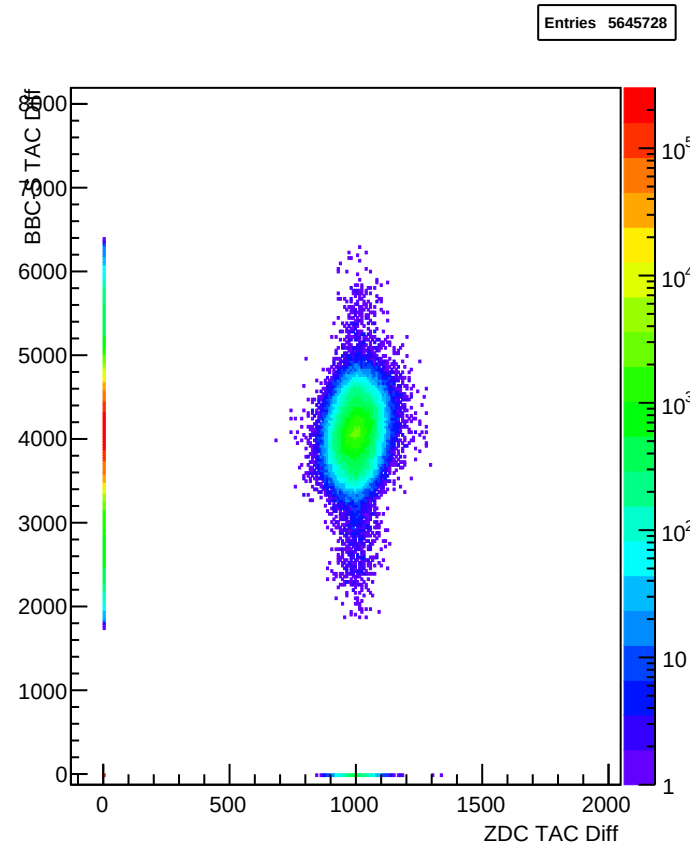

Entries 5645728
VPD-East ADC Sum
ZDC-East ADC Sum Att

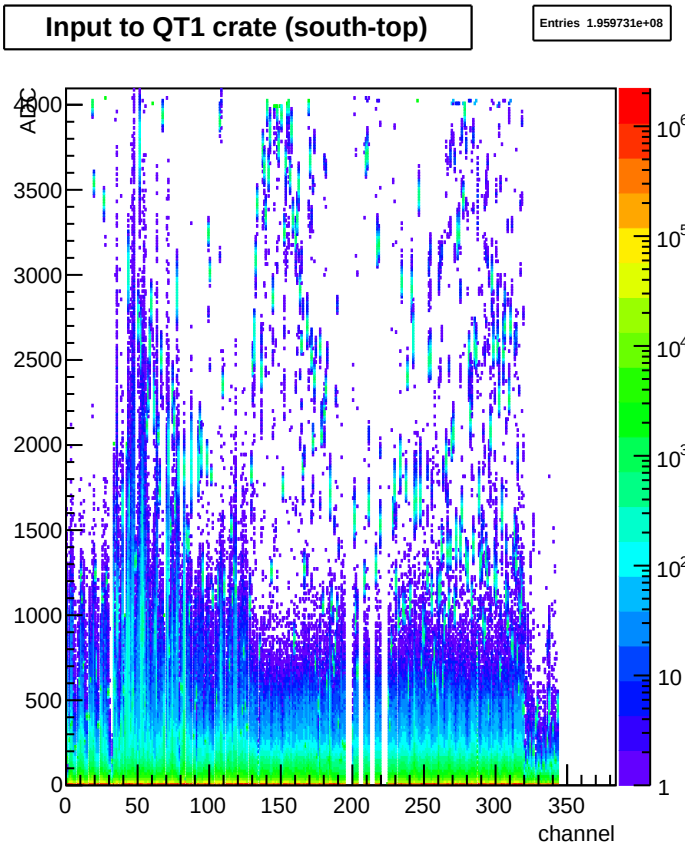

Entries 5645728
VPD-West ADC Sum
ZDC-West ADC Sum Att

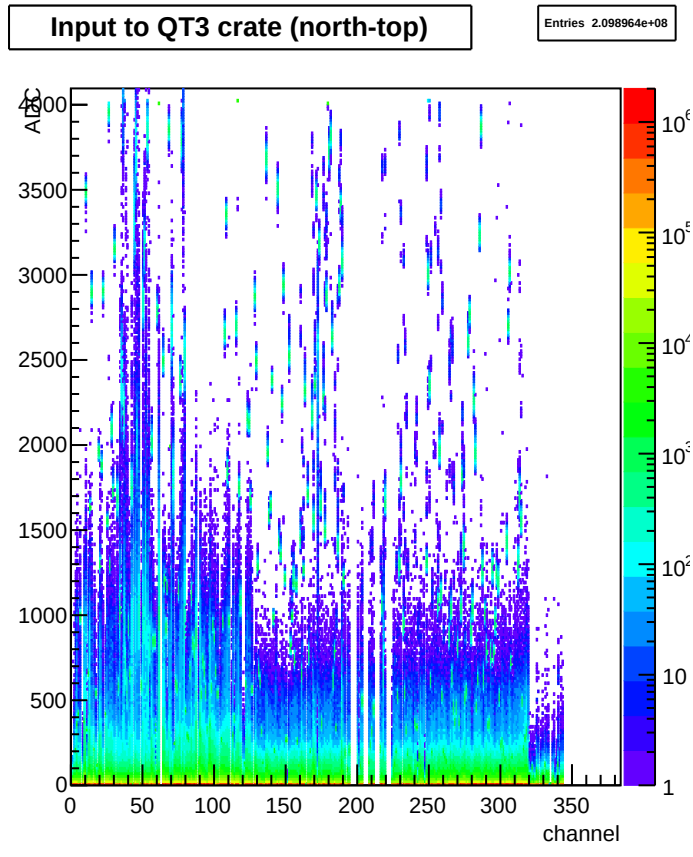

Entries 5645728
BBC-S-East ADC Sum
BBC-S-West ADC Sum

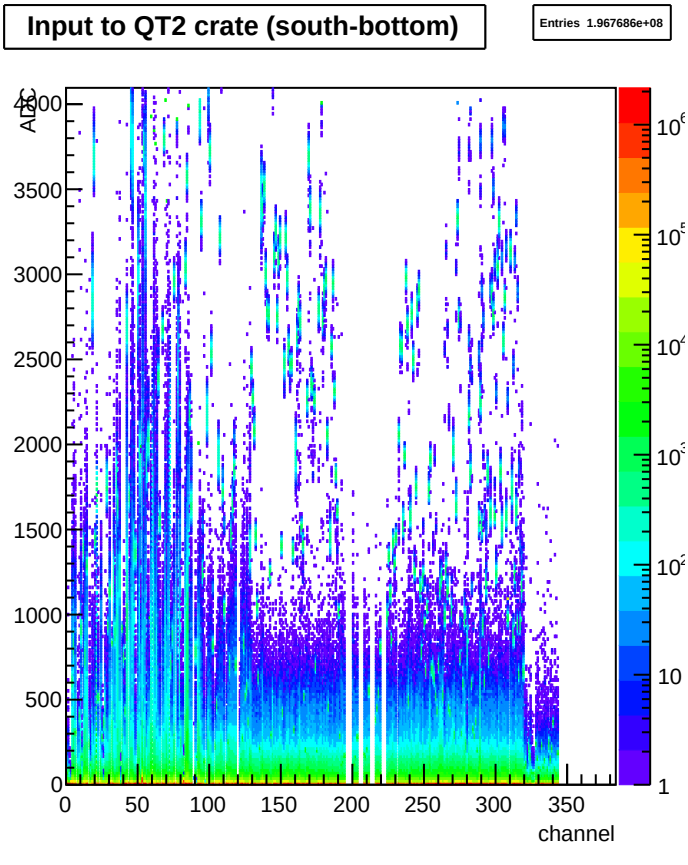

Entries 5645728
ZDC East ADC Sum Att
ZDC West ADC Sum Att

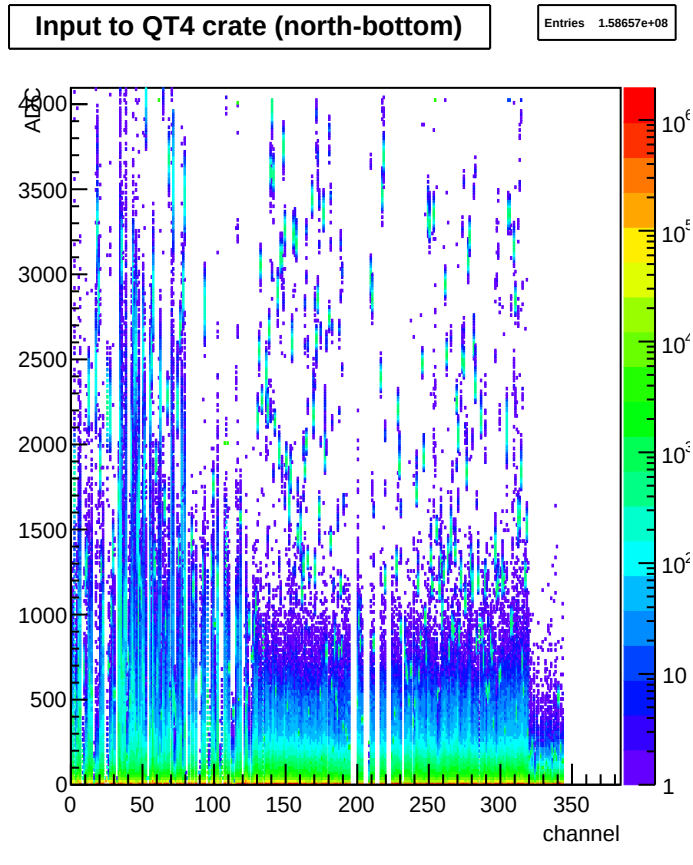

Entries 5645728
VPD East ADC Sum
VPD West ADC Sum

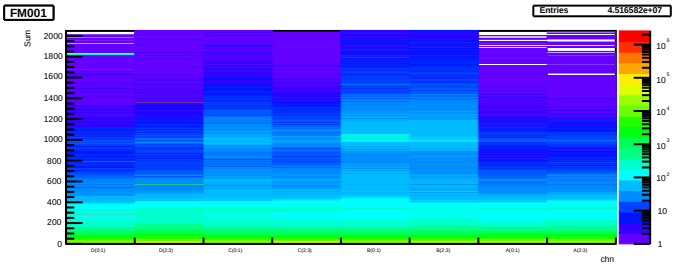

Entries 5645728
BBC-S TAC Diff
ZDC TAC Diff

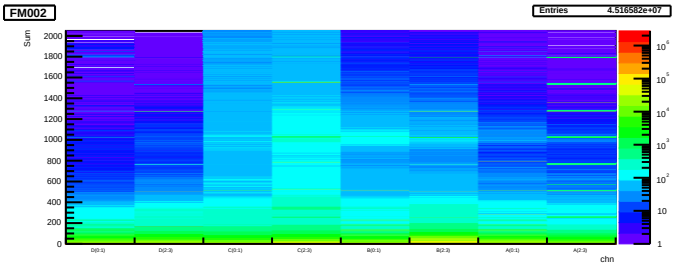

Input to QT1 crate (south-top)
Entries 1.959731e+08
ADC
channel

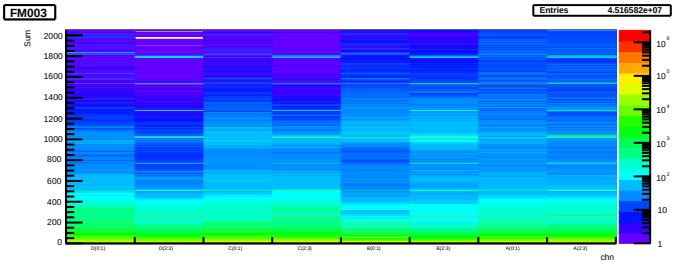

Input to QT3 crate (north-top)
Entries 2.098964e+08
ADC
channel

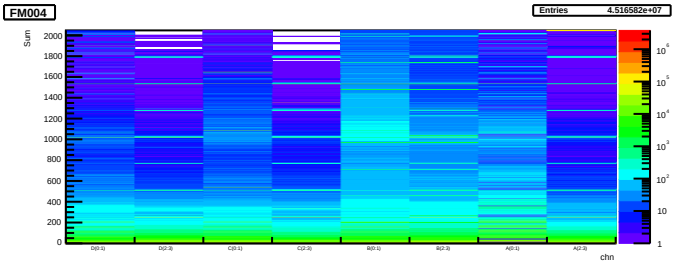

Input to QT2 crate (south-bottom)
Entries 1.967686e+08
ADC
channel

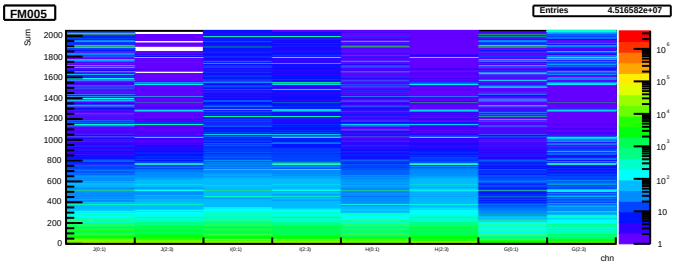

Input to QT4 crate (north-bottom)
Entries 1.58657e+08
ADC
channel

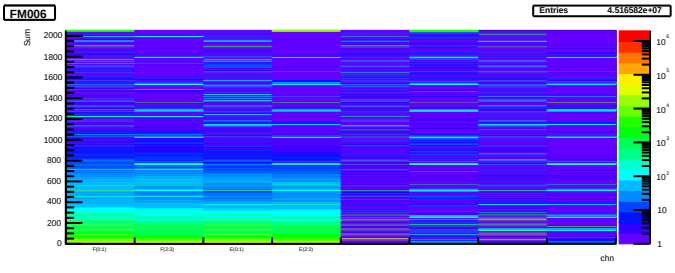

FM001
Entries 4.516582e+07
Sum
chn

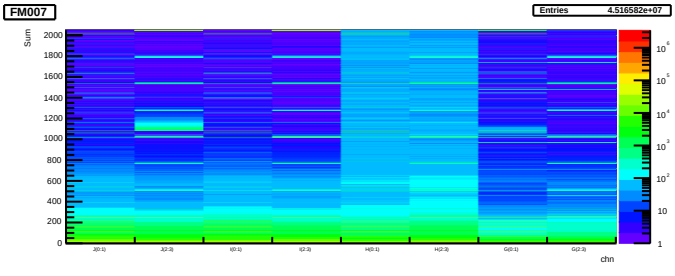

FM002
Entries 4.516582e+07
Sum
chn

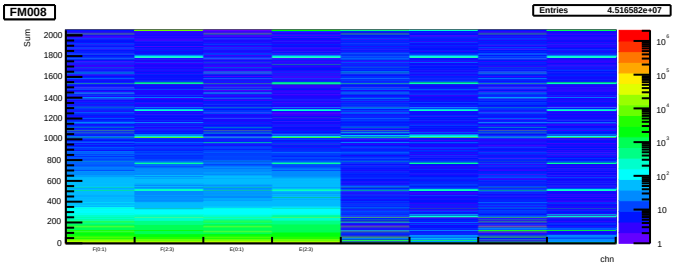

FM003
Entries 4.516582e+07
Sum
chn

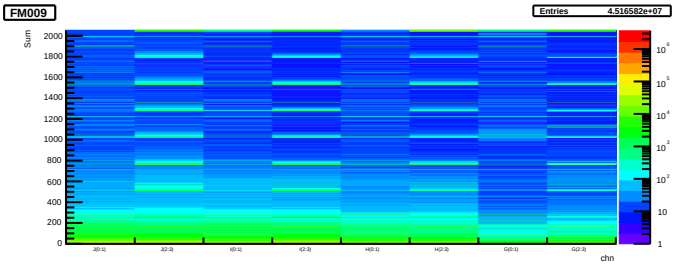

FM004
Entries 4.516582e+07
Sum
chn

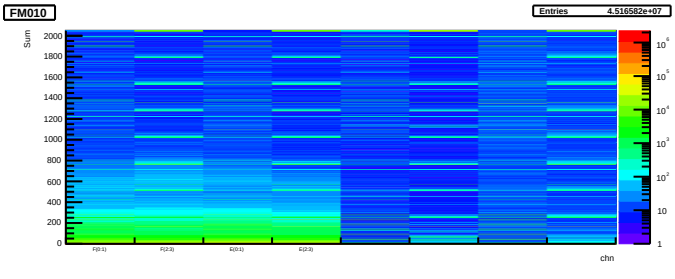

FM005
Entries 4.516582e+07
Sum
chn

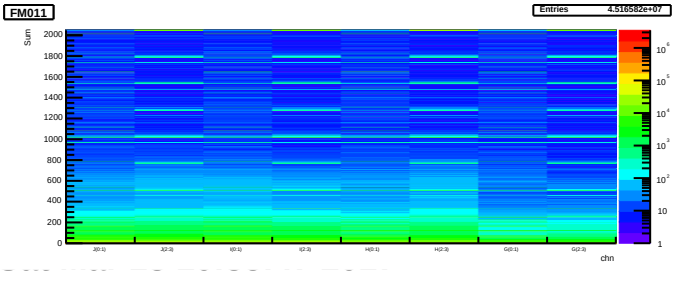

FM006
Entries 4.516582e+07
Sum
chn

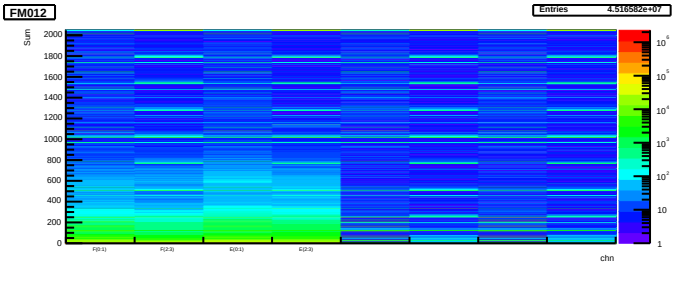

FM007
Entries 4.516582e+07
Sum
chn

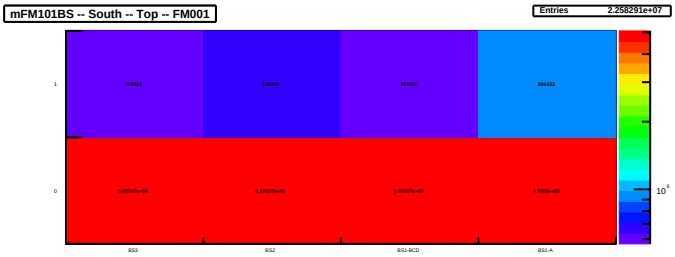

FM008
Entries 4.516582e+07
Sum
chn

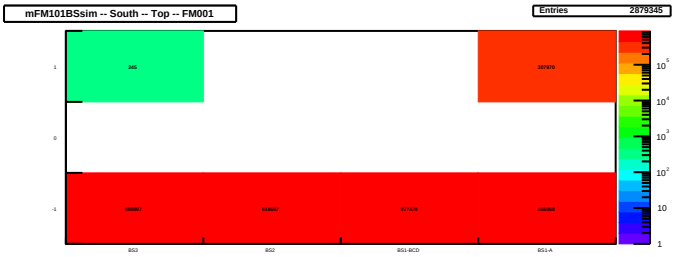

FM009
Entries 4.516582e+07
Sum
chn

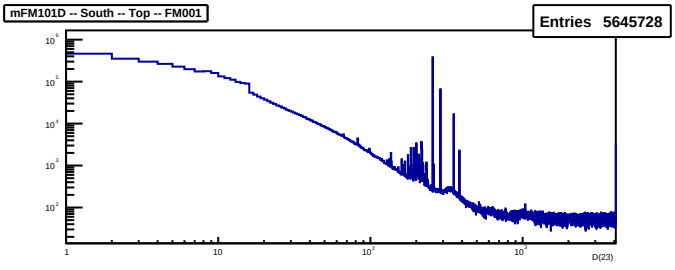

FM010
Entries 4.516582e+07
Sum
chn

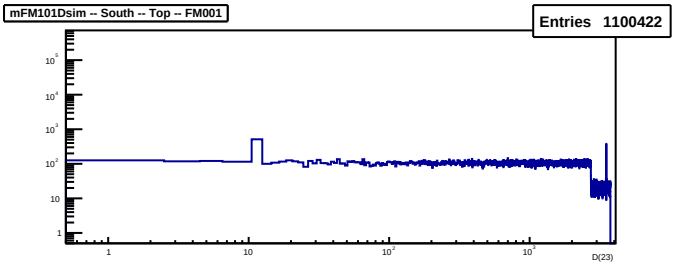

FM011
Entries 4.516582e+07
Sum
chn

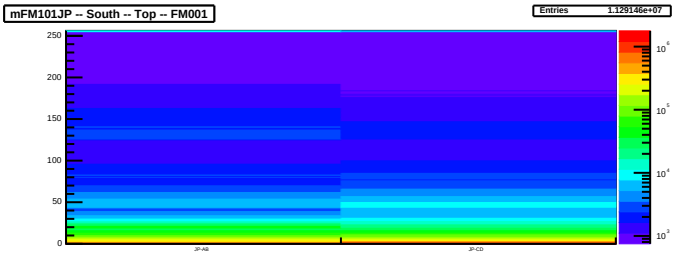

FM012
Entries 4.516582e+07
Sum
chn

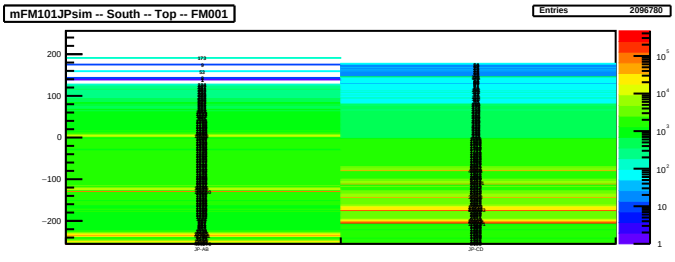

mFM101BS -- South -- Top -- FM001
Entries 2.258291e+07

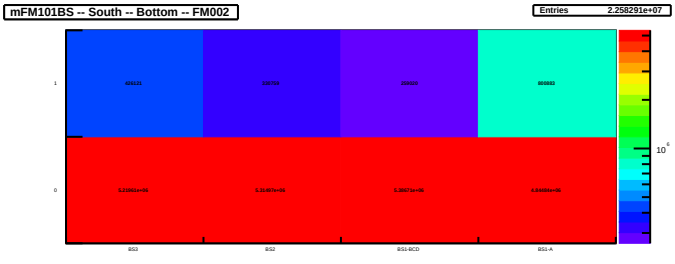

mFM101BSsim -- South -- Top -- FM001
Entries 2879345

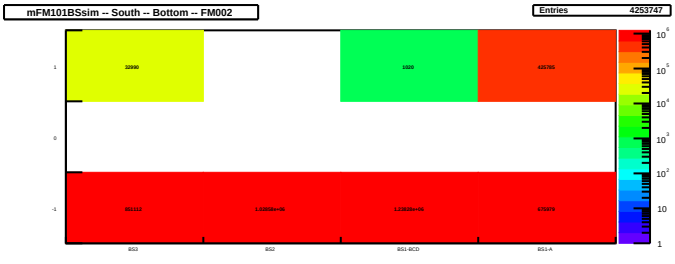

mFM101D -- South -- Top -- FM001
Entries 5645728
D(23)

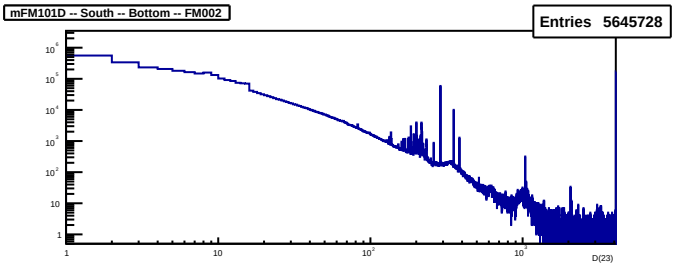

mFM101Dsim -- South -- Top -- FM001
Entries 1100422
D(23)

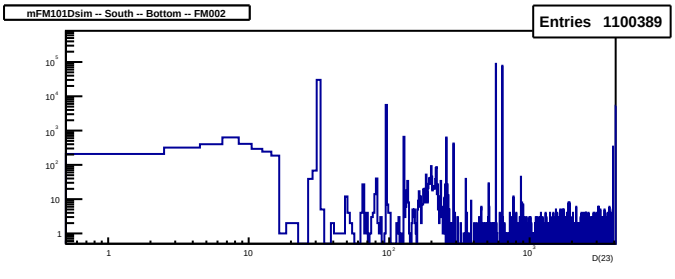

mFM101JP -- South -- Top -- FM001
Entries 1.129146e+07

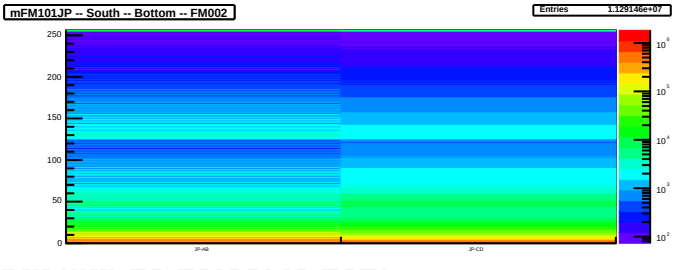

mFM101JPsim -- South -- Top -- FM001
Entries 2096780

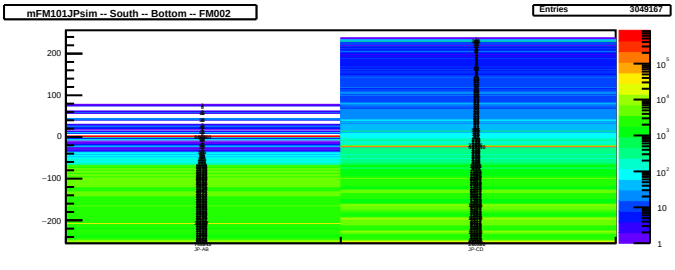

mFM101BS -- South -- Bottom -- FM002
Entries 2.258291e+07

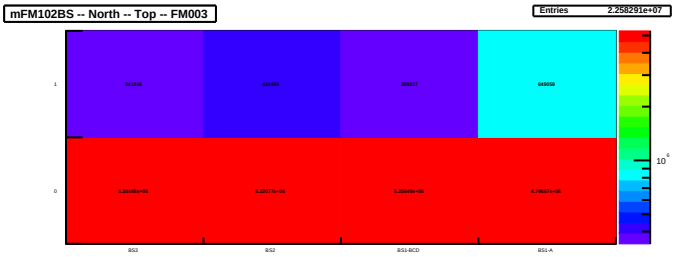

mFM101BSsim -- South -- Bottom -- FM002
Entries 4253747

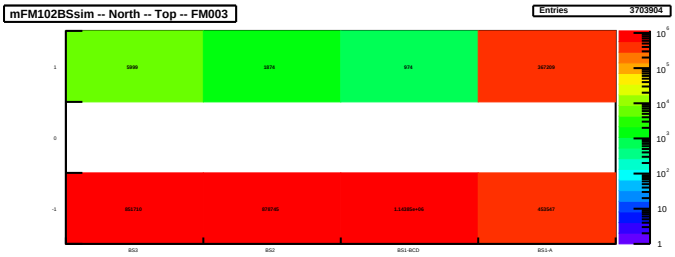

mFM101D -- South -- Bottom -- FM002
Entries 5645728
D(23)

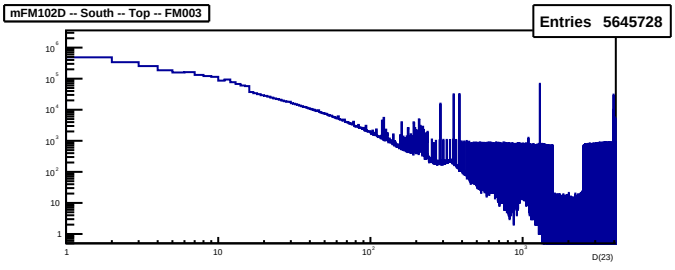

mFM101Dsim -- South -- Bottom -- FM002
Entries 1100389
D(23)

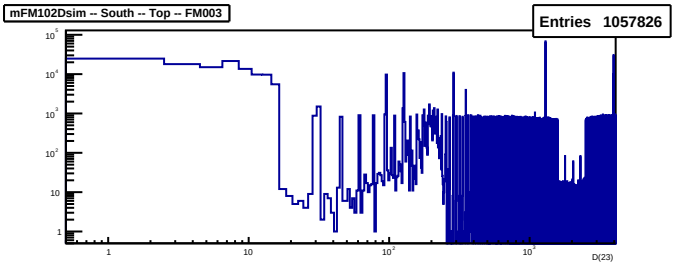

mFM101JP -- South -- Bottom -- FM002
Entries 1.129146e+07

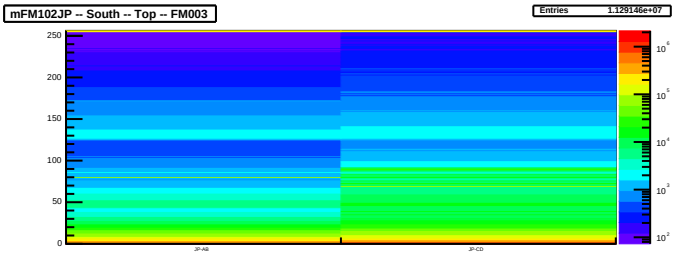

mFM101JPsim -- South -- Bottom -- FM002
Entries 3049167

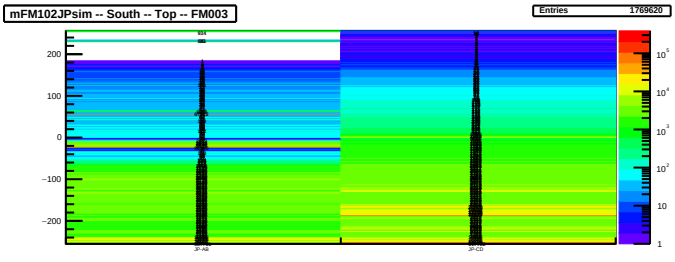

mFM102BS -- North -- Top -- FM003
Entries 2.258291e+07

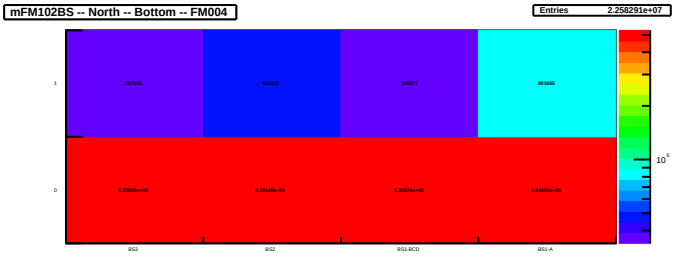

mFM102BSsim -- North -- Top -- FM003
Entries 3703904

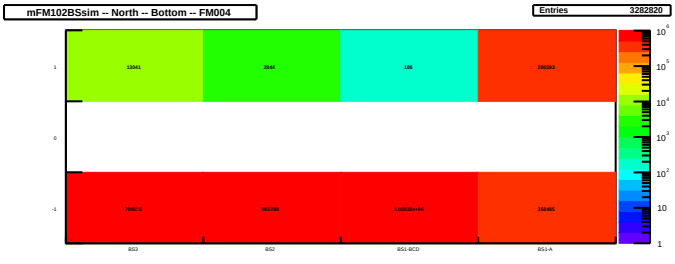

mFM102D -- South -- Top -- FM003
Entries 5645728
D(23)

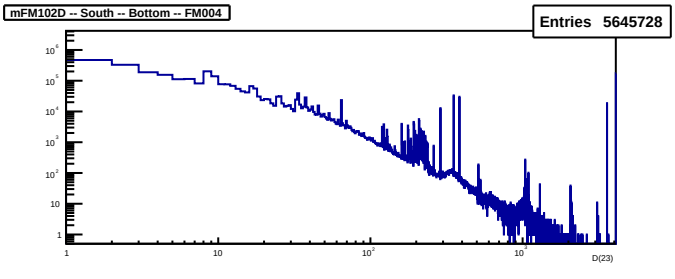

mFM102Dsim -- South -- Top -- FM003
Entries 1057826
D(23)

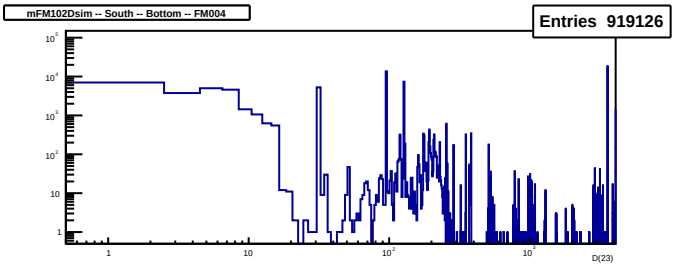

mFM102JP -- South -- Top -- FM003
Entries 1.129146e+07

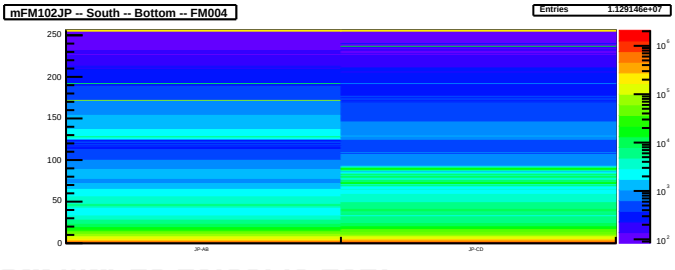

mFM102JPsim -- South -- Top -- FM003
Entries 1769620

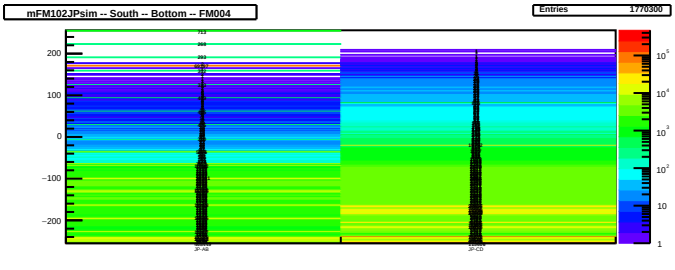

mFM102BS -- North -- Bottom -- FM004
Entries 2.258291e+07

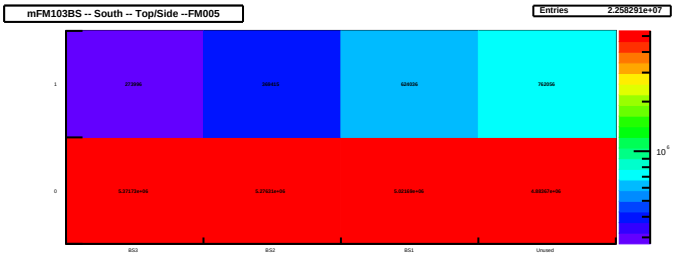

mFM102BSsim -- North -- Bottom -- FM004
Entries 3282820

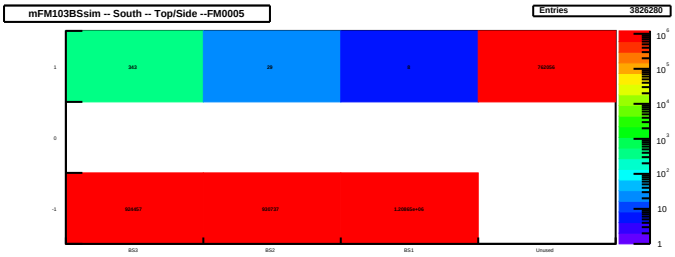

mFM102D -- South -- Bottom -- FM004
Entries 5645728
D(23)

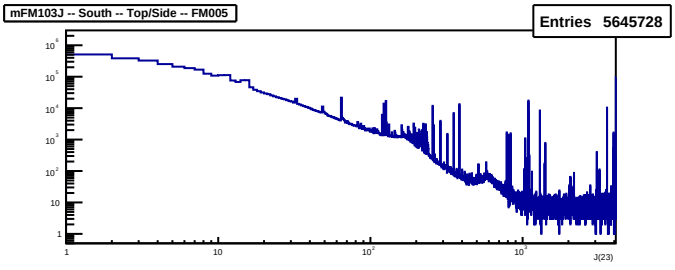

mFM102Dsim -- South -- Bottom -- FM004
Entries 919126
D(23)

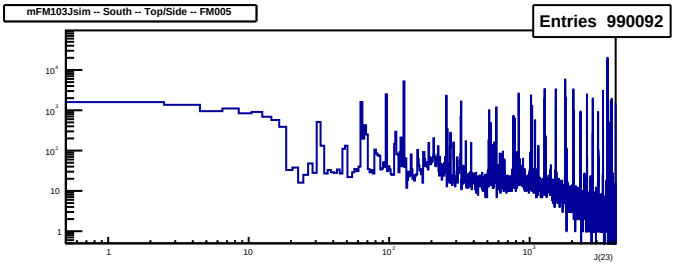

mFM102JP -- South -- Bottom -- FM004
Entries 1.129146e+07

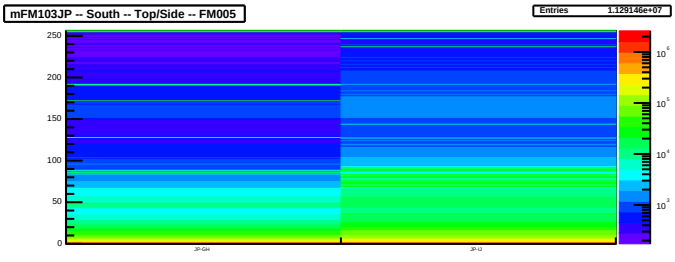

mFM102JPsim -- South -- Bottom -- FM004
Entries 1770300

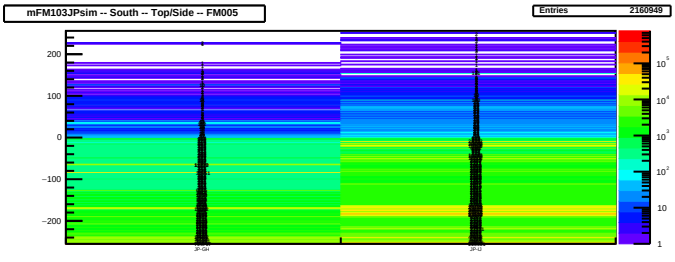

mFM103BS -- South -- Top/Side --FM005
Entries 2.258291e+07

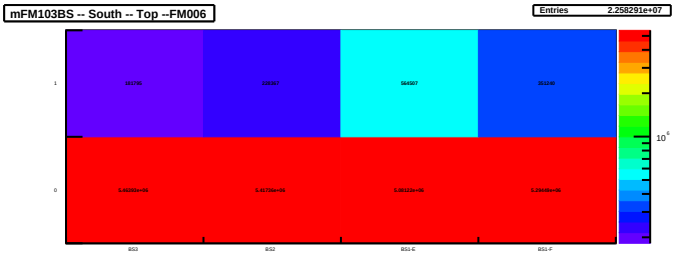

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3826280

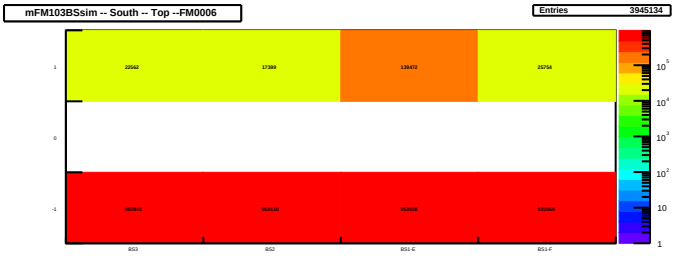

mFM103J -- South -- Top/Side -- FM005
Entries 5645728
J(23)

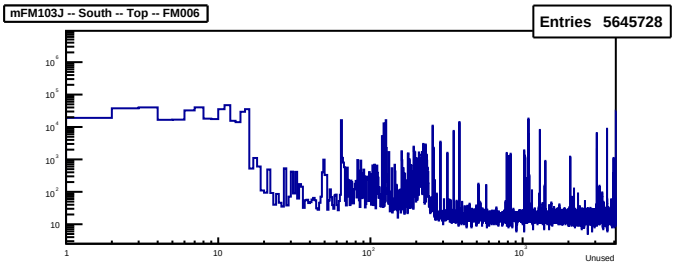

mFM103Jsim -- South -- Top/Side -- FM005
Entries 990092
J(23)

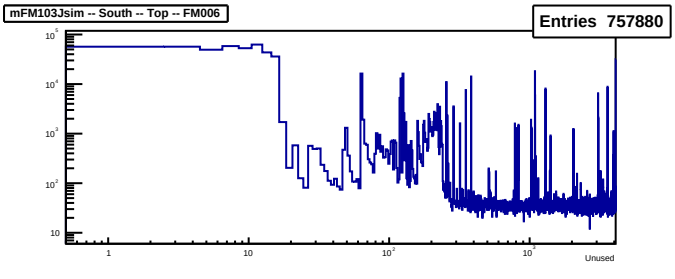

mFM103JP -- South -- Top/Side -- FM005
Entries 1.129146e+07

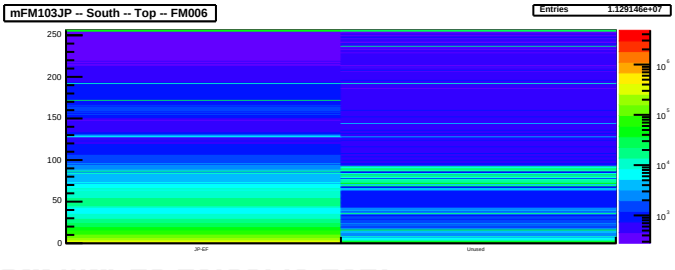

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2160949

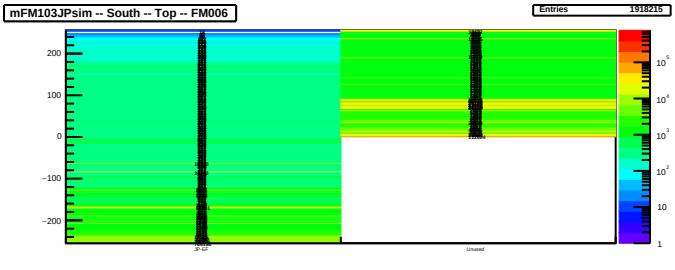

mFM103BS -- South -- Top --FM006
Entries 2.258291e+07

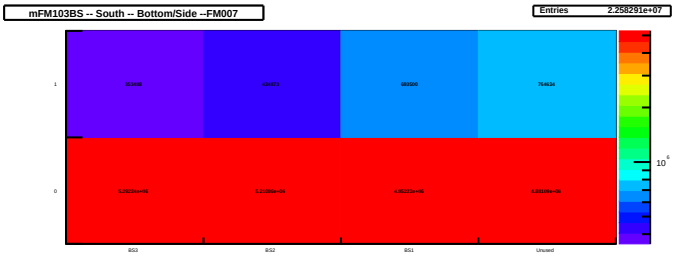

mFM103BSsim -- South -- Top --FM0006
Entries 3945134

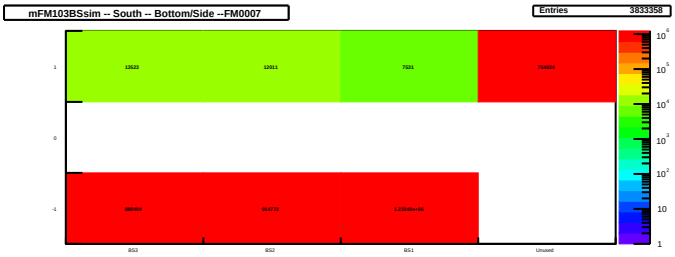

mFM103J -- South -- Top -- FM006
Entries 5645728
Unused

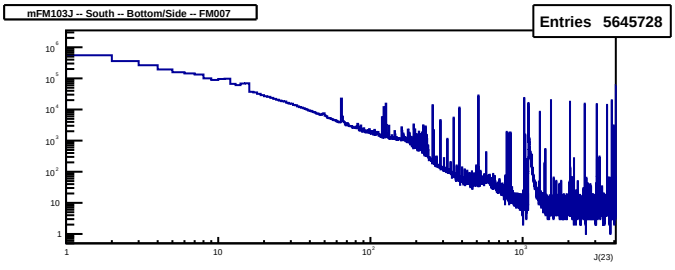

mFM103Jsim -- South -- Top -- FM006
Entries 757880
Unused

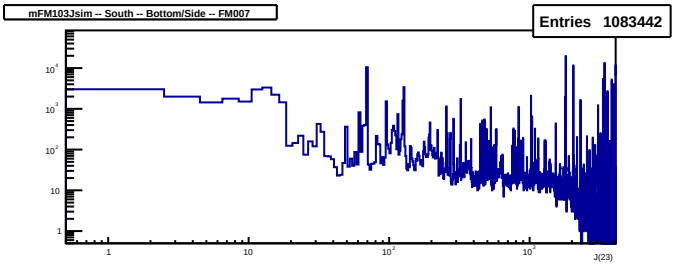

mFM103JP -- South -- Top -- FM006
Entries 1.129146e+07

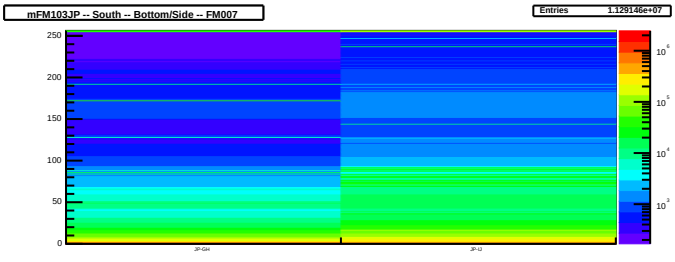

mFM103JPsim -- South -- Top -- FM006
Entries 1918215

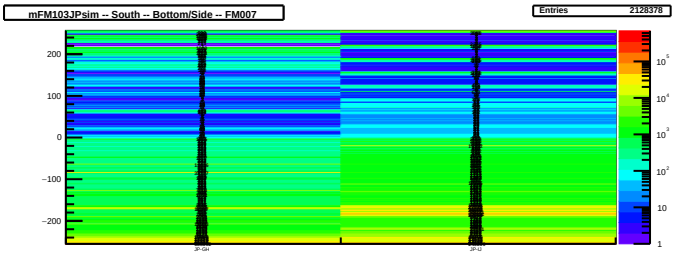

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.258291e+07

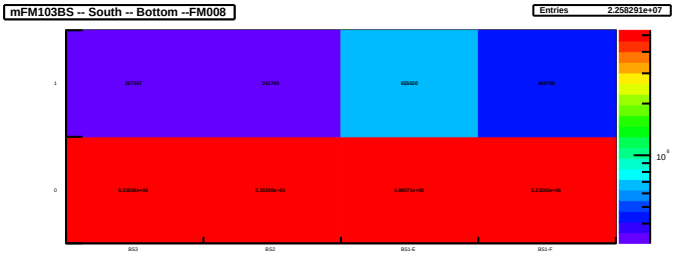

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3833358

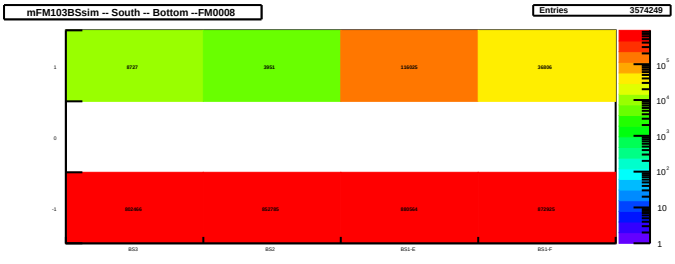

mFM103J -- South -- Bottom/Side -- FM007
Entries 5645728
J(23)

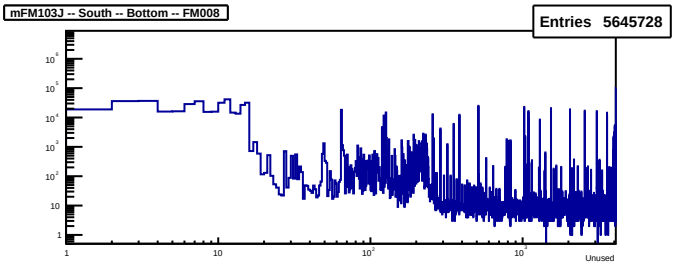

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1083442
J(23)

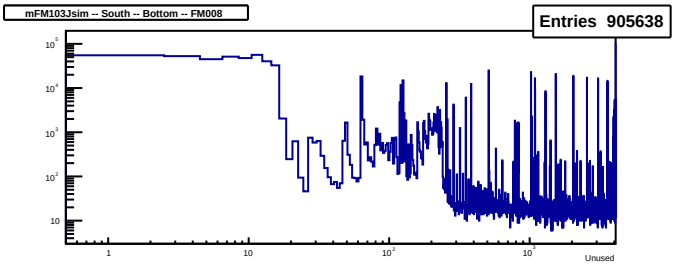

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.129146e+07

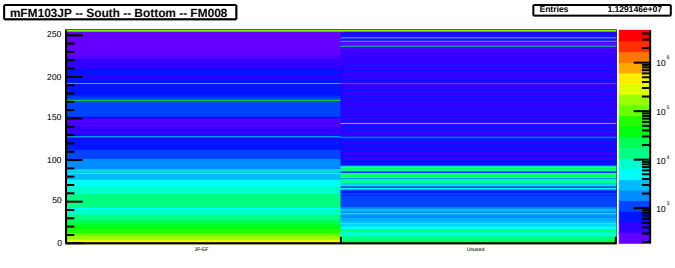

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2128378

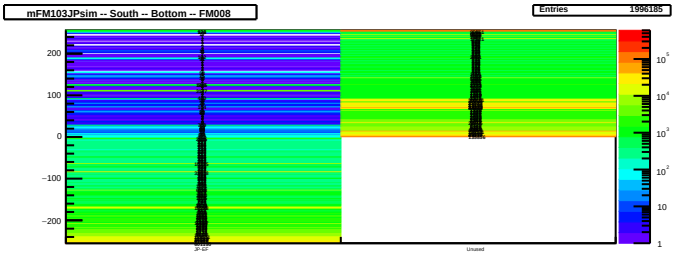

mFM103BS -- South -- Bottom --FM008
Entries 2.258291e+07

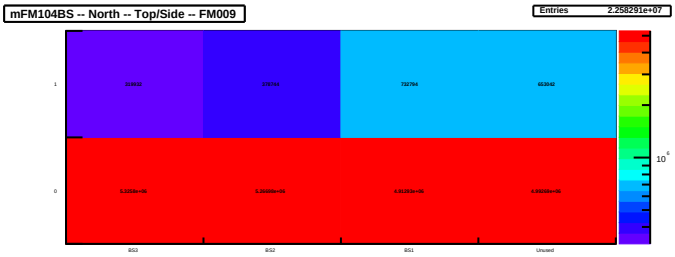

mFM103BSsim -- South -- Bottom --FM0008
Entries 3574249

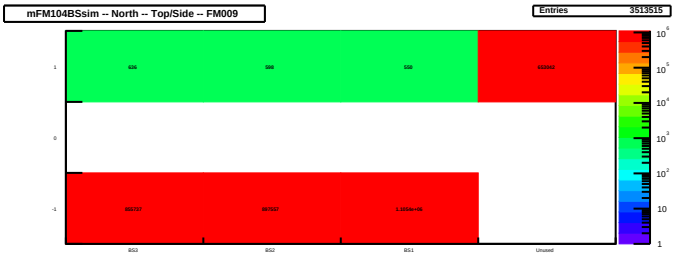

mFM103J -- South -- Bottom -- FM008
Entries 5645728
Unused

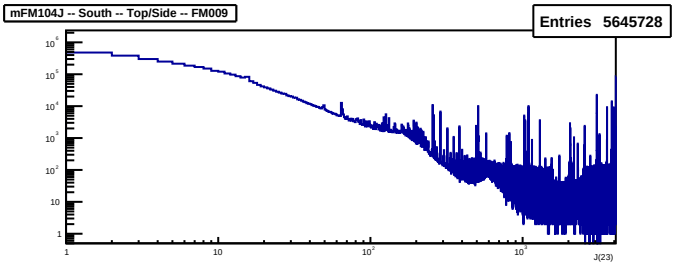

mFM103Jsim -- South -- Bottom -- FM008
Entries 905638
Unused

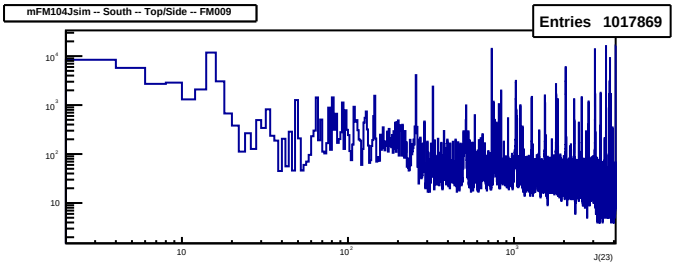

mFM103JP -- South -- Bottom -- FM008
Entries 1.129146e+07

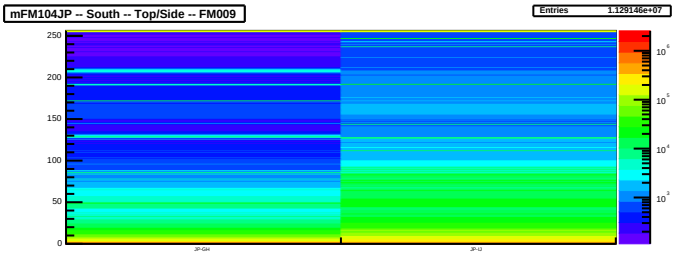

mFM103JPsim -- South -- Bottom -- FM008
Entries 1996185

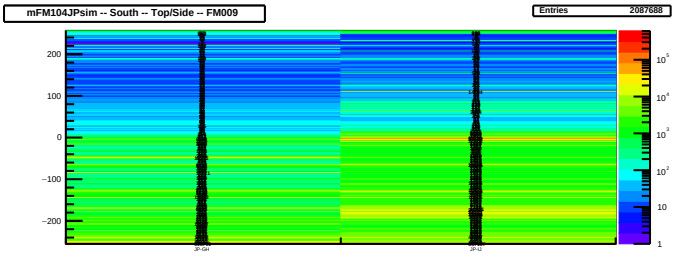

mFM104BS -- North -- Top/Side -- FM009
Entries 2.258291e+07

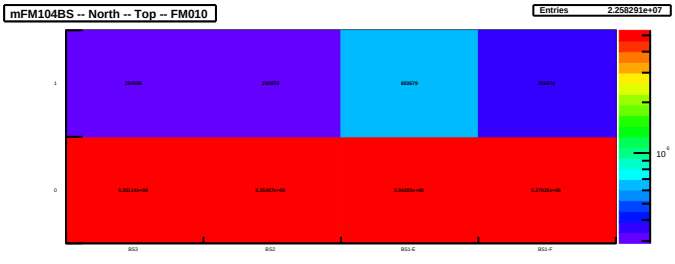

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3513515

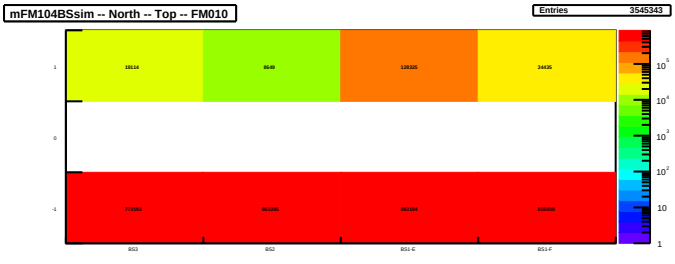

mFM104J -- South -- Top/Side -- FM009
Entries 5645728
J(23)

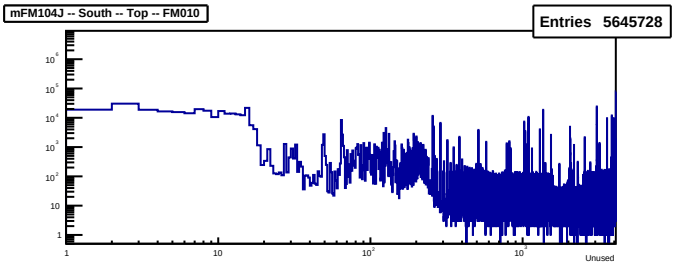

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1017869
J(23)

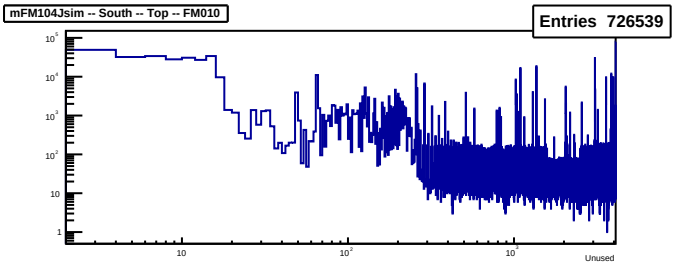

mFM104JP -- South -- Top/Side -- FM009
Entries 1.129146e+07

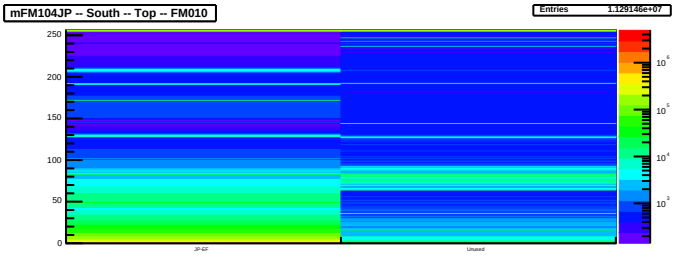

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2087688

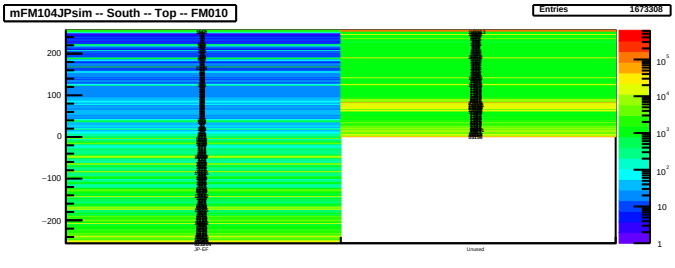

mFM104BS -- North -- Top -- FM010
Entries 2.258291e+07

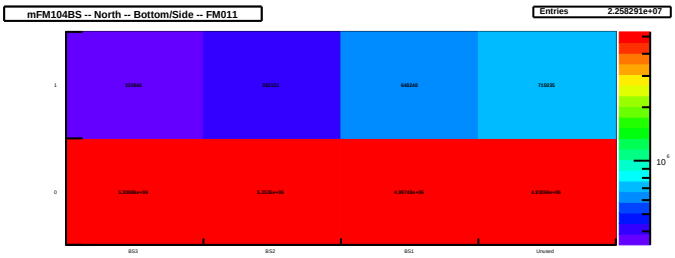

mFM104BSsim -- North -- Top -- FM010
Entries 3545343

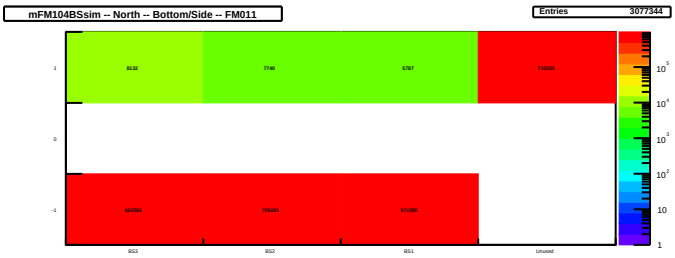

mFM104J -- South -- Top -- FM010
Entries 5645728
Unused

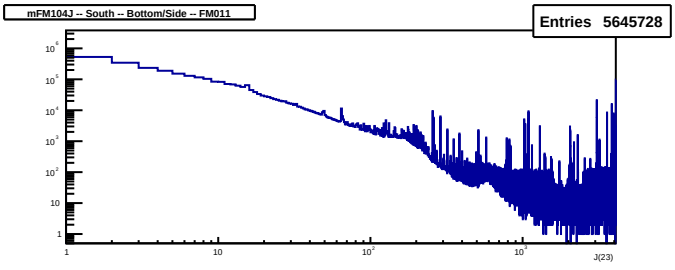

mFM104Jsim -- South -- Top -- FM010
Entries 726539
Unused

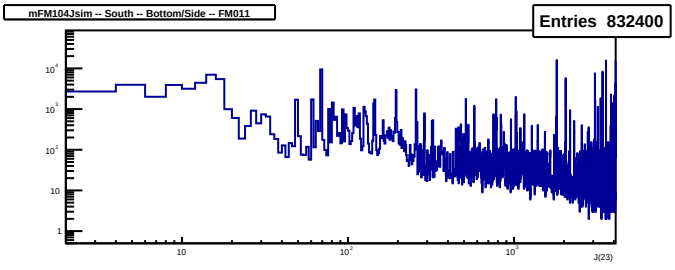

mFM104JP -- South -- Top -- FM010
Entries 1.129146e+07

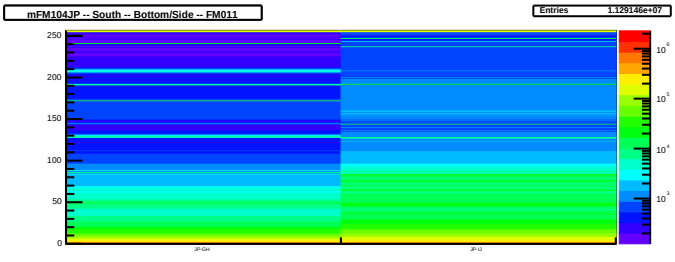

mFM104JPsim -- South -- Top -- FM010
Entries 1673308

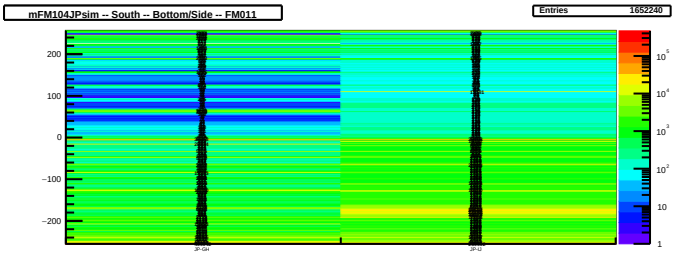

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.258291e+07

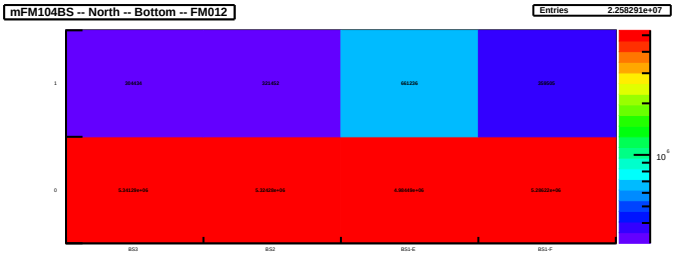

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3077344

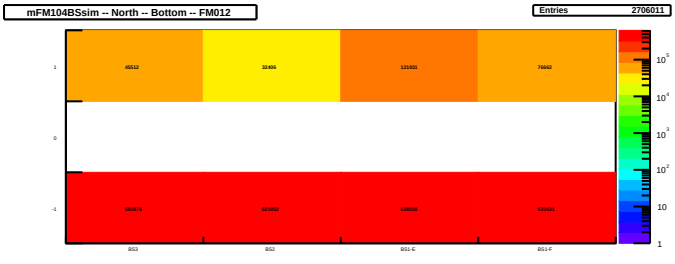

mFM104J -- South -- Bottom/Side -- FM011
Entries 5645728
J(23)

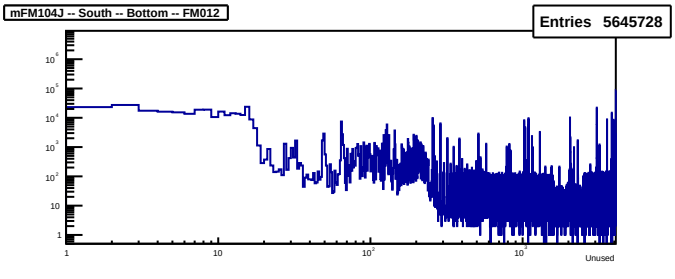

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 832400
J(23)

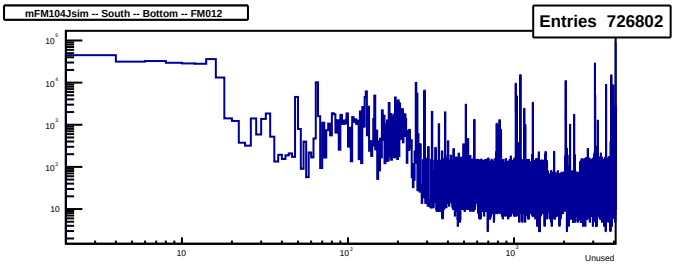

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.129146e+07

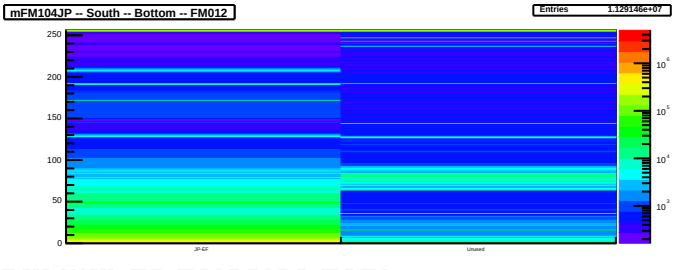

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1652240

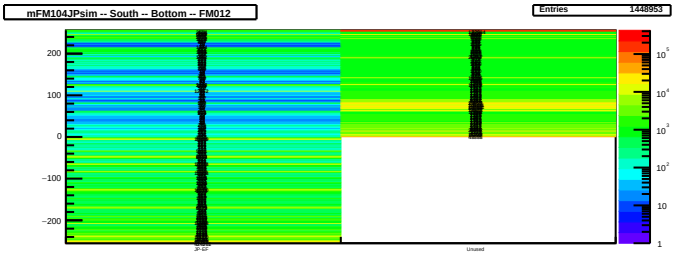

mFM104BS -- North -- Bottom -- FM012
Entries 2.258291e+07

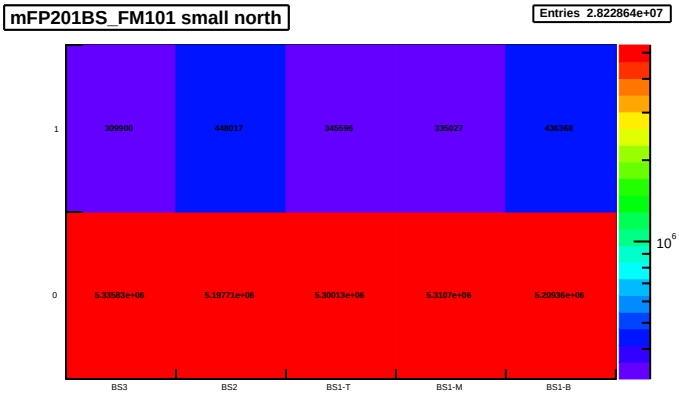

mFM104BSsim -- North -- Bottom -- FM012
Entries 2706011

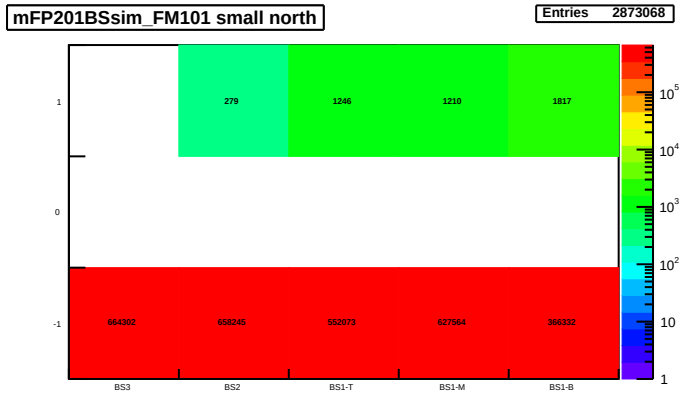

mFM104J -- South -- Bottom -- FM012
Entries 5645728
Unused

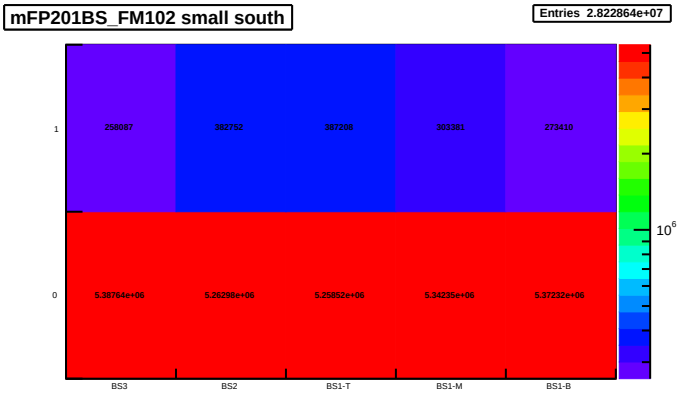

mFM104Jsim -- South -- Bottom -- FM012
Entries 726802
Unused

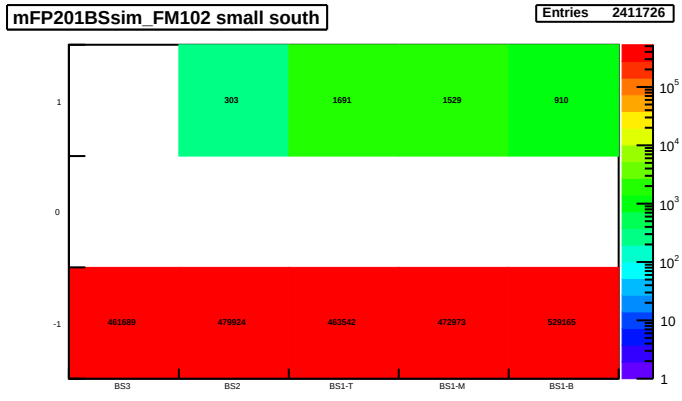

mFM104JP -- South -- Bottom -- FM012
Entries 1.129146e+07

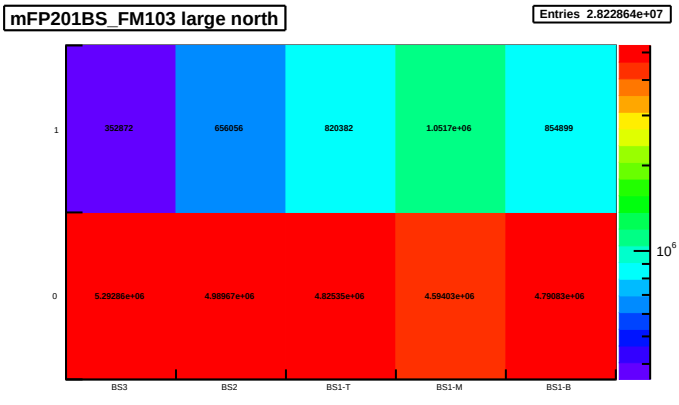

mFM104JPsim -- South -- Bottom -- FM012
Entries 1448953

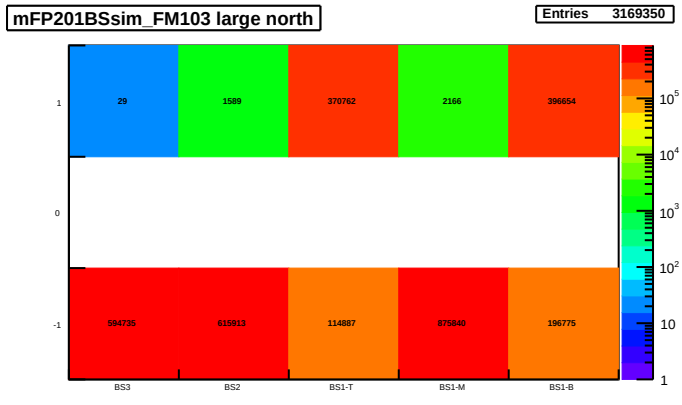

mFP201BS_FM101 small north
Entries 2.822864e+07
309900
448017
345596
335027
436368
5.33583e+06
5.19771e+06
5.30013e+06
5.3107e+06
5.20936e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

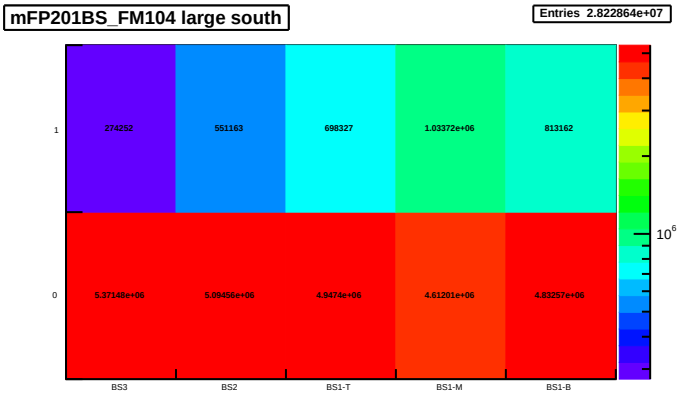

mFP201BSsim_FM101 small north
Entries 2873068
279
1246
1210
1817
664302
658245
552073
627564
366332
BS3
BS2
BS1-T
BS1-M
BS1-B

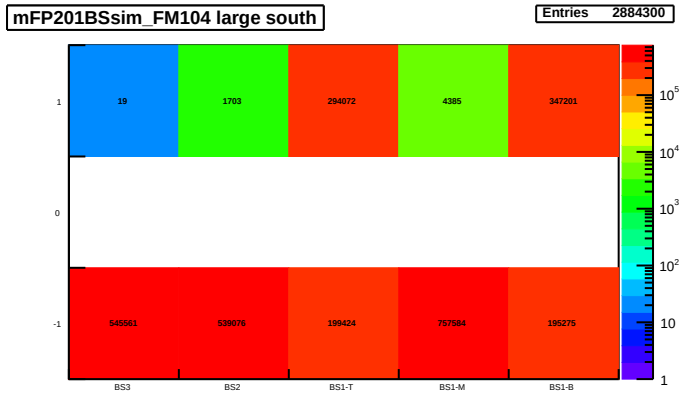

mFP201BS_FM102 small south
Entries 2.822864e+07
258087
382752
387208
303381
273410
5.38764e+06
5.26298e+06
5.25852e+06
5.34235e+06
5.37232e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

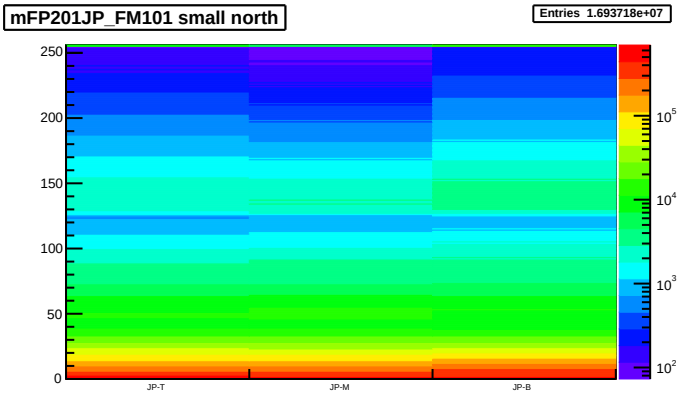

mFP201BSsim_FM102 small south
Entries 2411726
303
1691
1529
910
461689
479924
463542
472973
529165
BS3
BS2
BS1-T
BS1-M
BS1-B

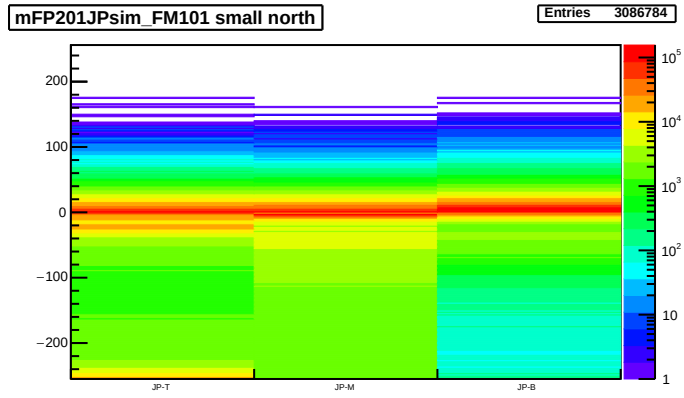

mFP201BS_FM103 large north
Entries 2.822864e+07
352872
656056
820382
1.0517e+06
854899
5.29286e+06
4.98967e+06
4.82535e+06
4.59403e+06
4.79083e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

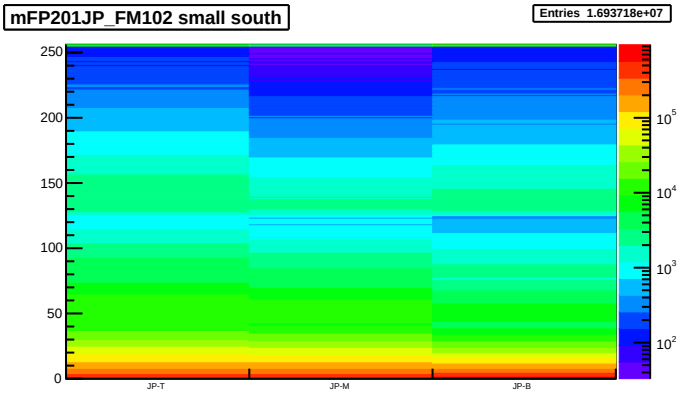

mFP201BSsim_FM103 large north
Entries 3169350
29
1589
370762
2166
396654
594735
615913
114887
875840
196775
BS3
BS2
BS1-T
BS1-M
BS1-B

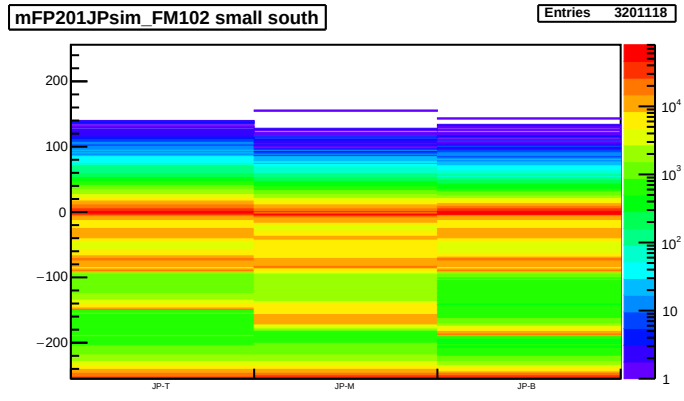

mFP201BS_FM104 large south
Entries 2.822864e+07
274252
551163
698327
1.03372e+06
813162
5.37148e+06
5.09456e+06
4.9474e+06
4.61201e+06
4.83257e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

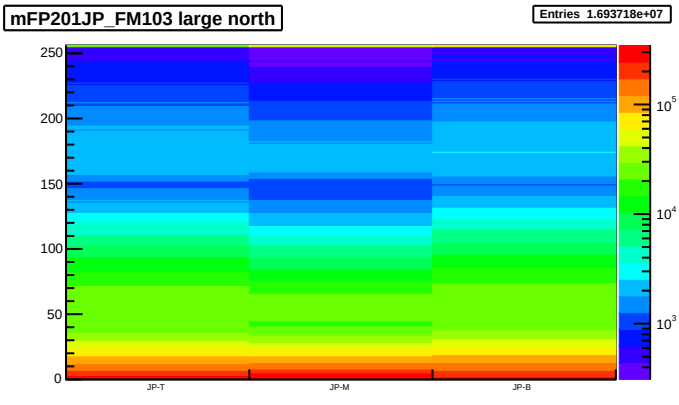

mFP201BSsim_FM104 large south
Entries 2884300
19
1703
294072
4385
347201
545561
539076
199424
757584
195275
BS3
BS2
BS1-T
BS1-M
BS1-B

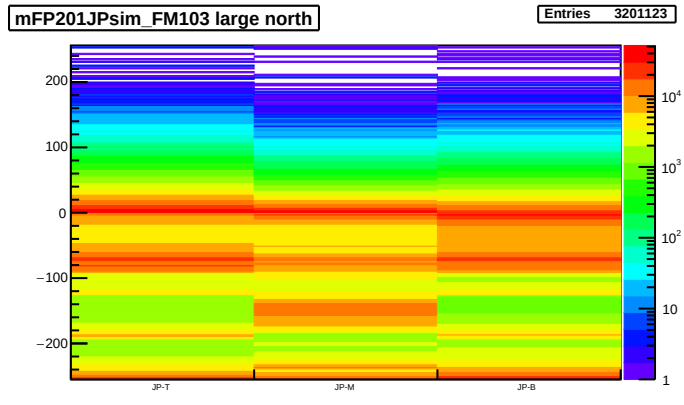

mFP201JP_FM101 small north
Entries 1.693718e+07
JP-T
JP-M
JP-B

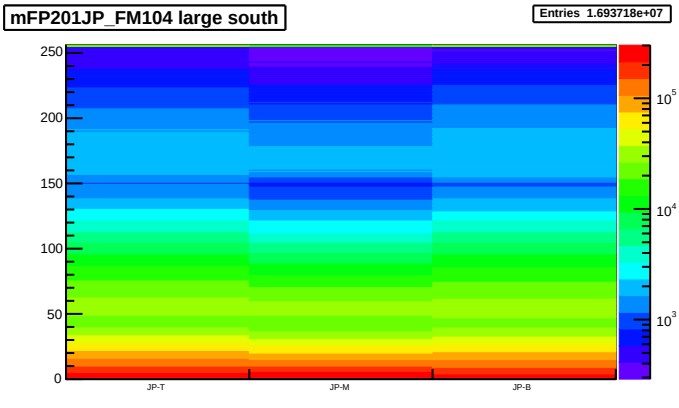

mFP201JPsim_FM101 small north
Entries 3086784
JP-T
JP-M
JP-B

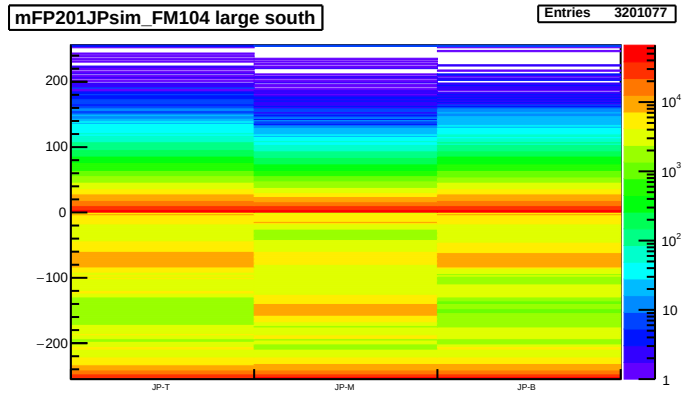

mFP201JP_FM102 small south
Entries 1.693718e+07
JP-T
JP-M
JP-B

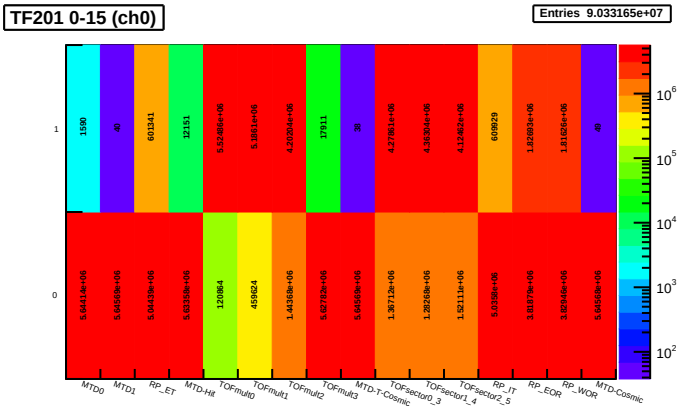

mFP201JPsim_FM102 small south
Entries 3201118
JP-T
JP-M
JP-B

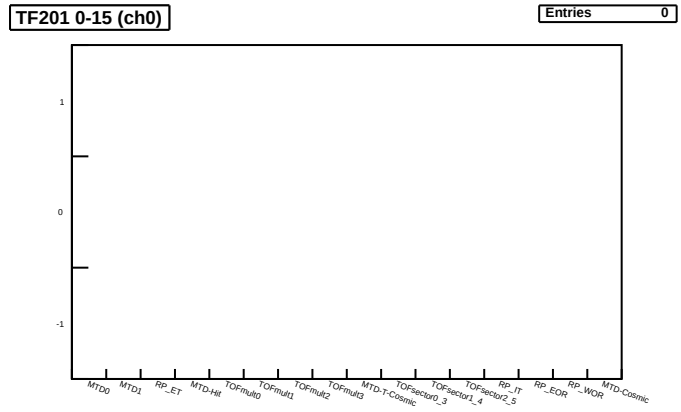

mFP201JP_FM103 large north
Entries 1.693718e+07
JP-T
JP-M
JP-B

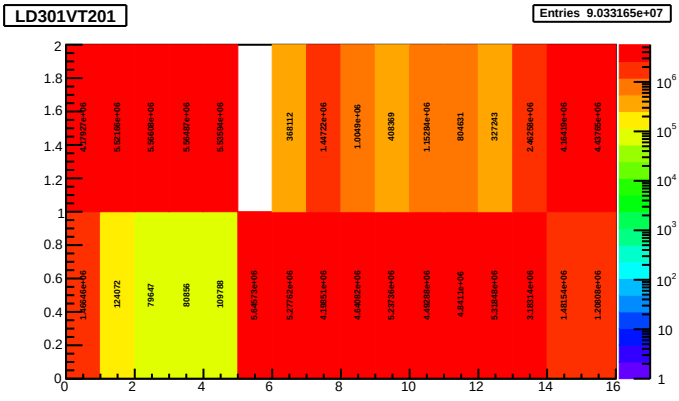

mFP201JPsim_FM103 large north
Entries 3201123
JP-T
JP-M
JP-B

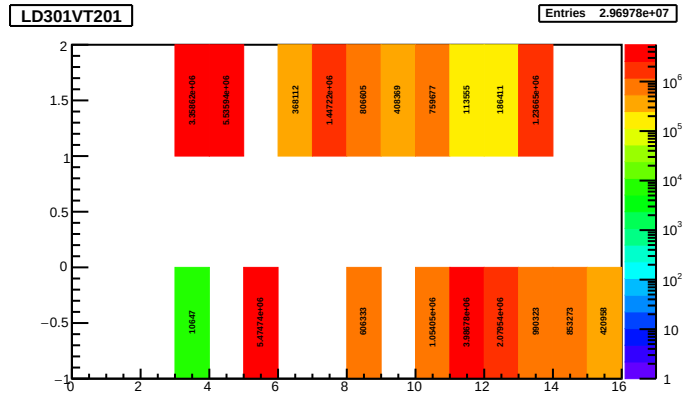

mFP201JP_FM104 large south
Entries 1.693718e+07
JP-T
JP-M
JP-B

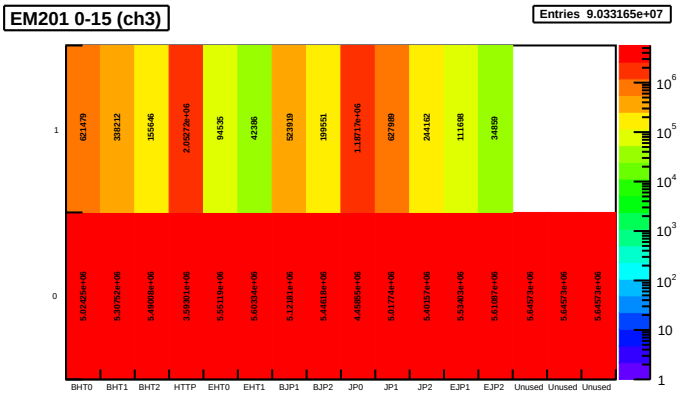

mFP201JPsim_FM104 large south
Entries 3201077
JP-T
JP-M
JP-B

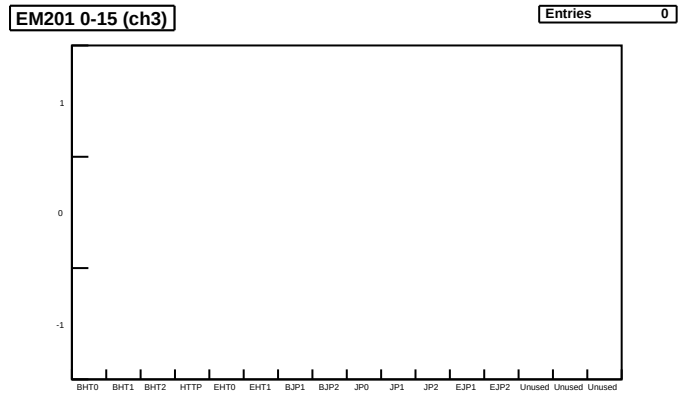

TF201 0-15 (ch0)
Entries 9.033165e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

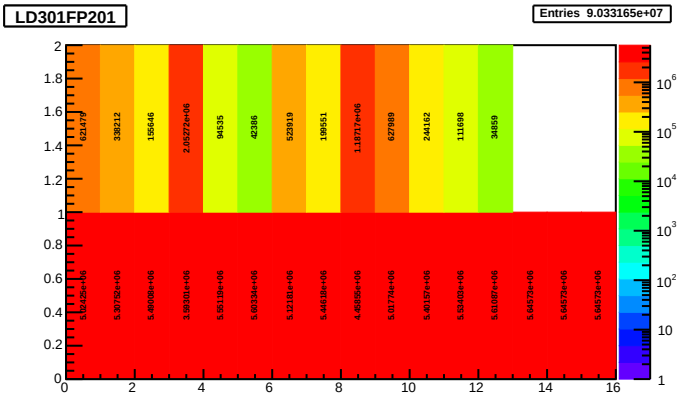

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

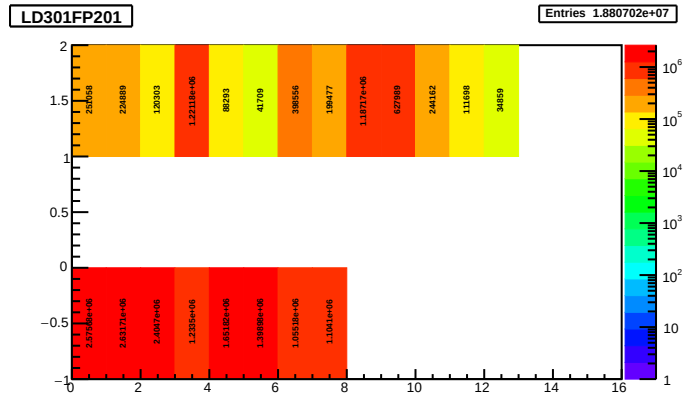

LD301VT201
Entries 9.033165e+07


LD301VT201
Entries 2.96978e+07


EM201 0-15 (ch3)
Entries 9.033165e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 9.033165e+07


LD301FP201
Entries 1.880702e+07