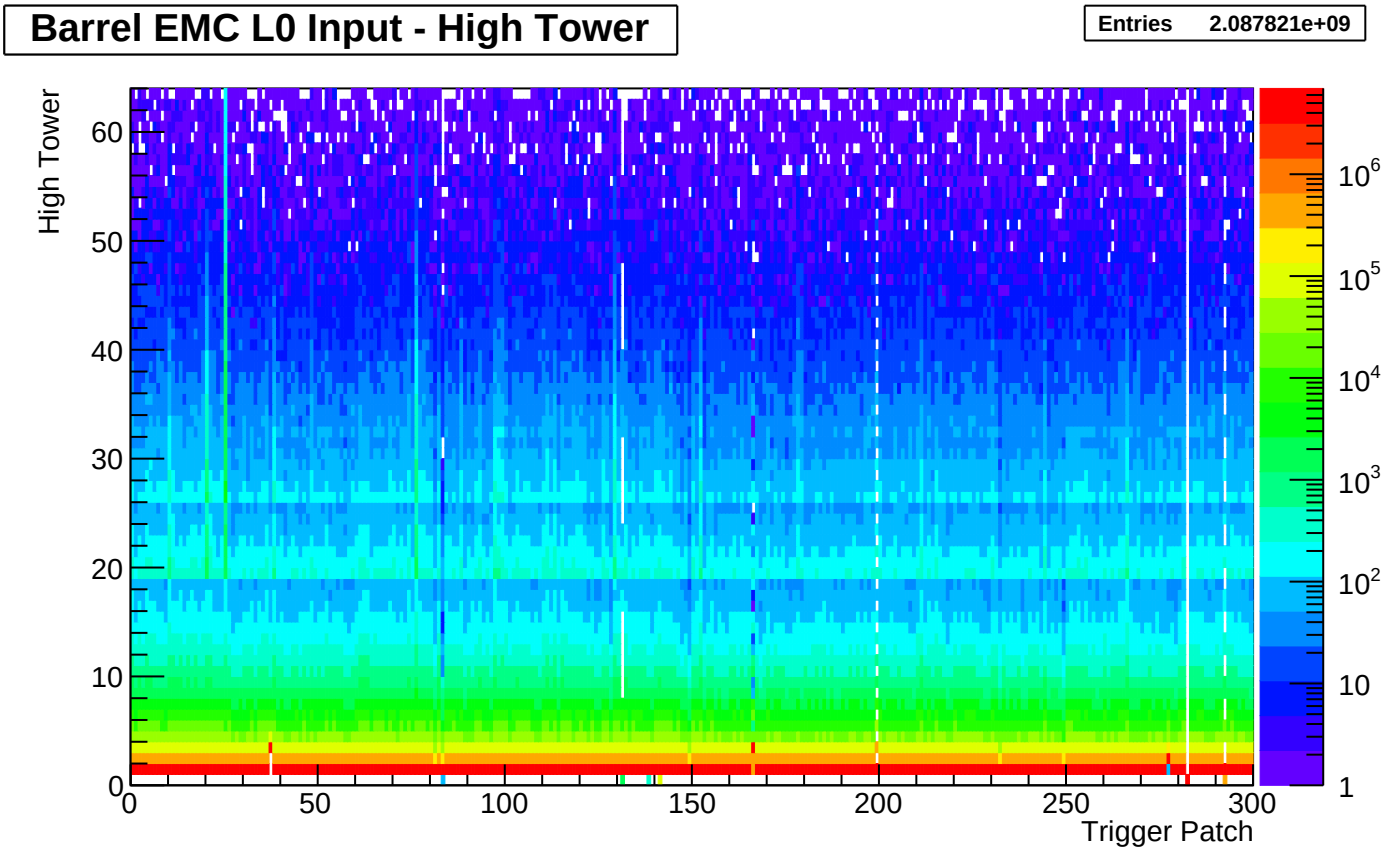
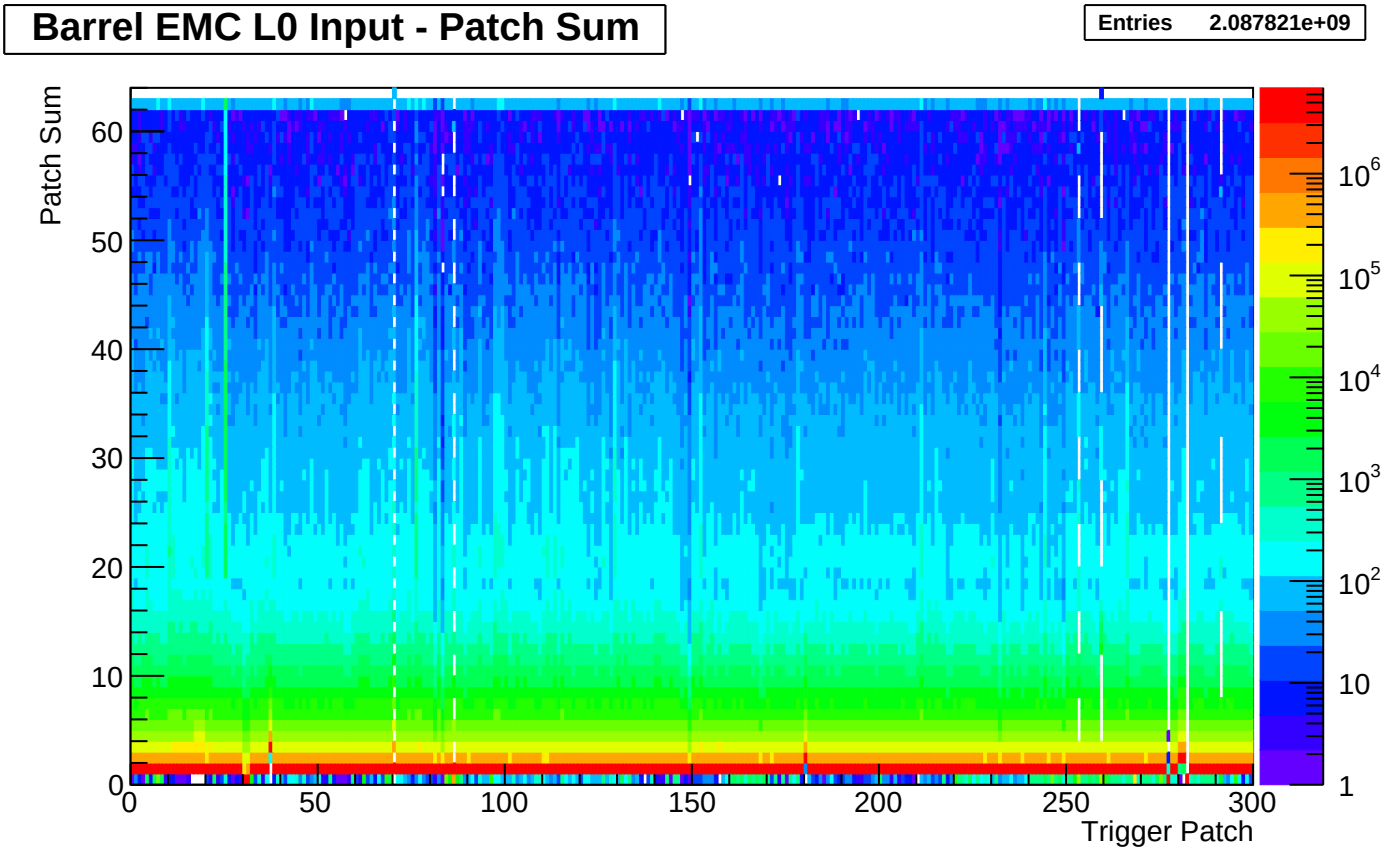
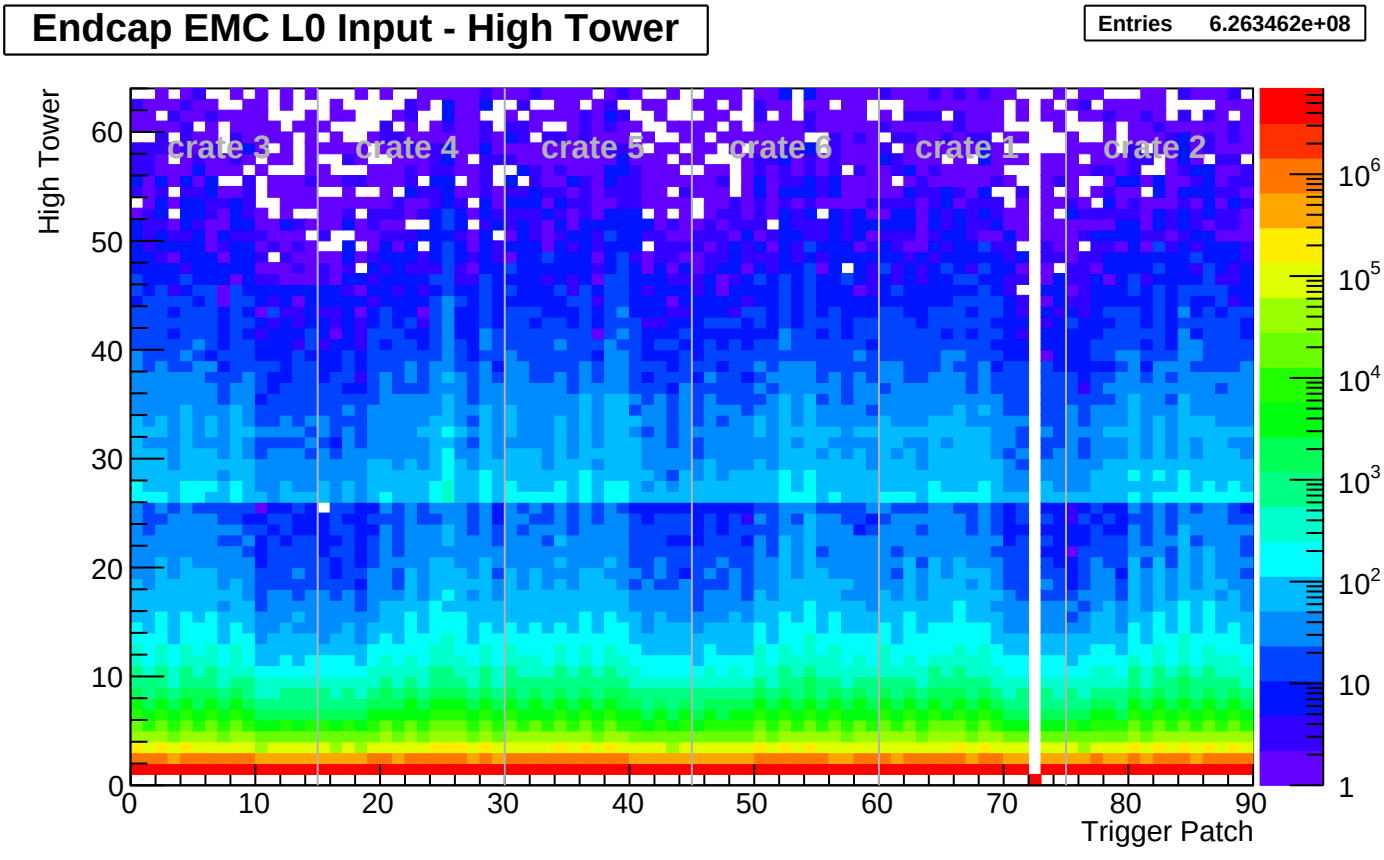
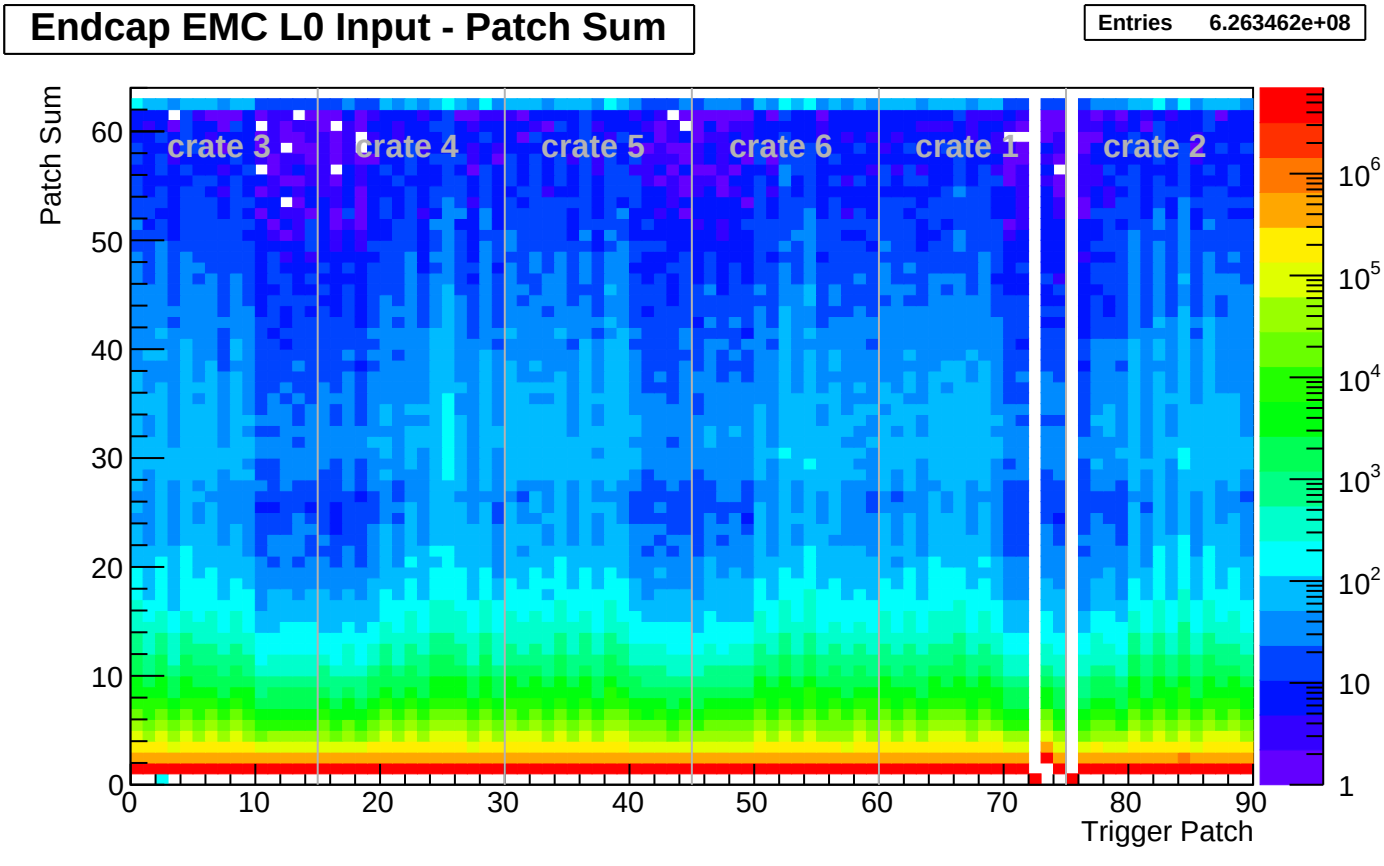
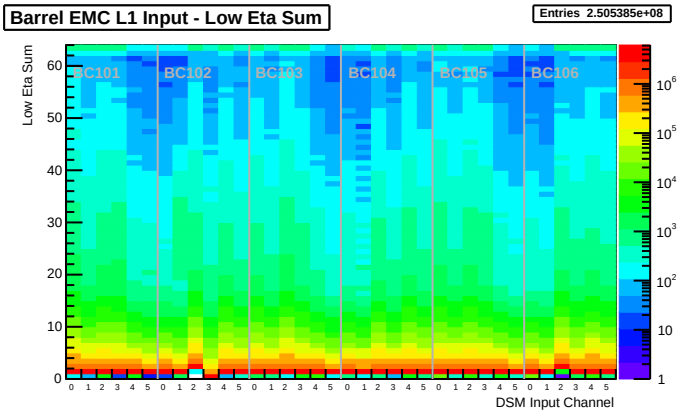
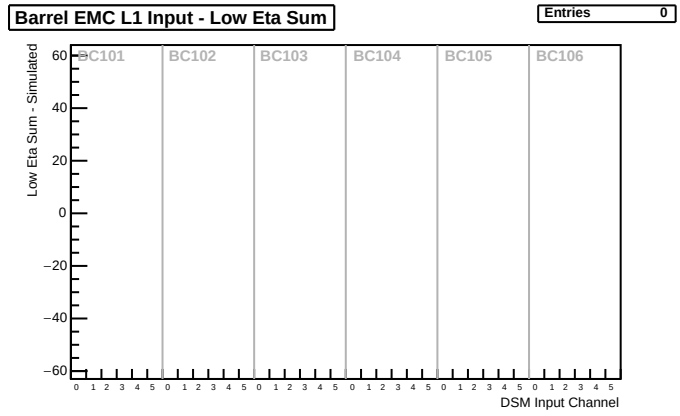

Barrel EMC L0 Input - High Tower
Entries 2.087821e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

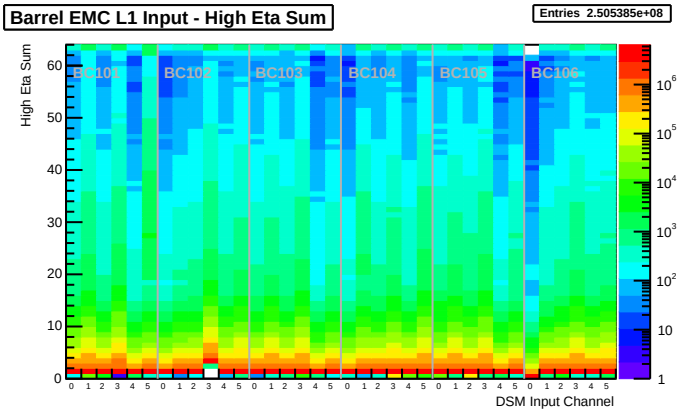

Barrel EMC L0 Input - Patch Sum
Entries 2.087821e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

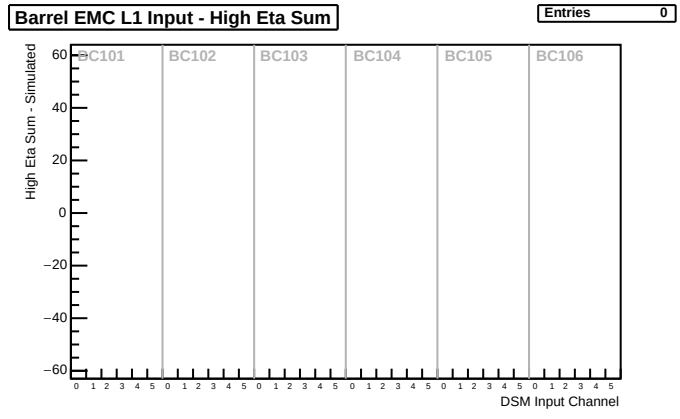

Endcap EMC L0 Input - High Tower
Entries 6.263462e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

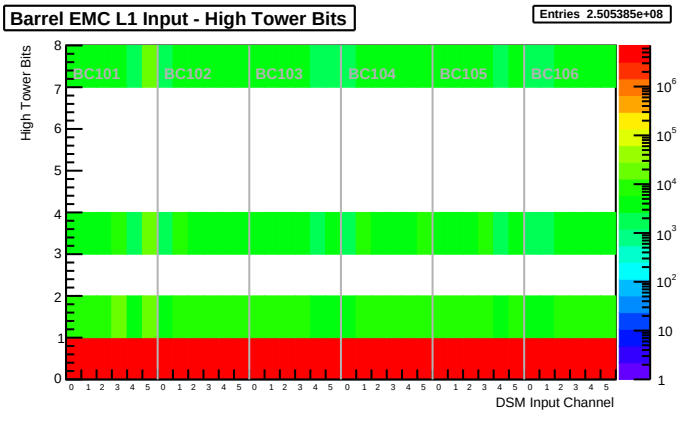

Endcap EMC L0 Input - Patch Sum
Entries 6.263462e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

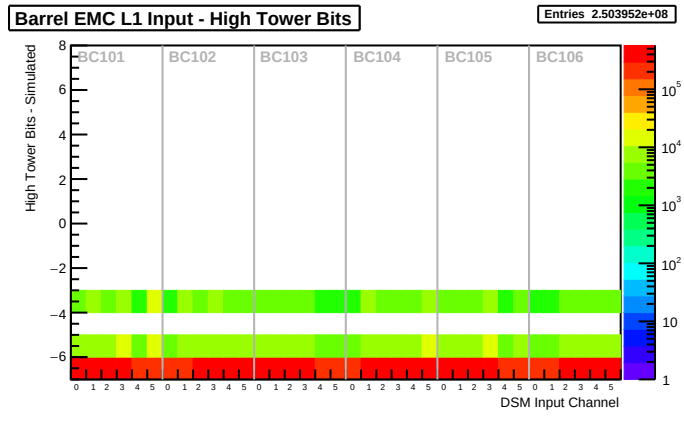

Barrel EMC L1 Input - Low Eta Sum
Entries 2.505385e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

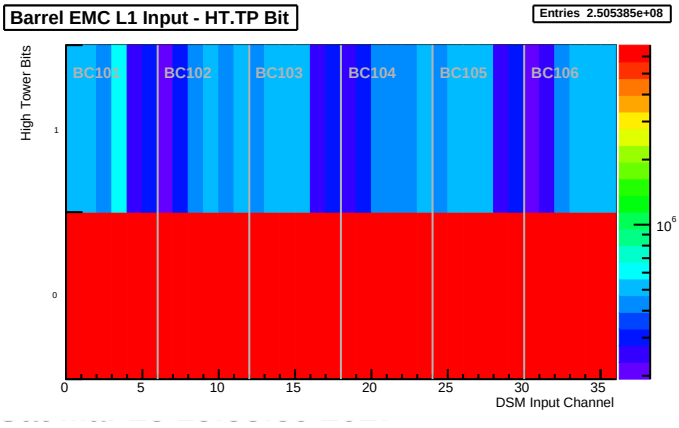

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

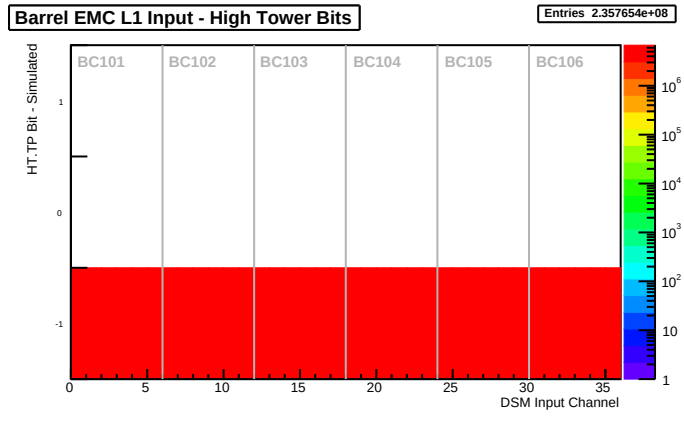

Barrel EMC L1 Input - High Eta Sum
Entries 2.505385e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

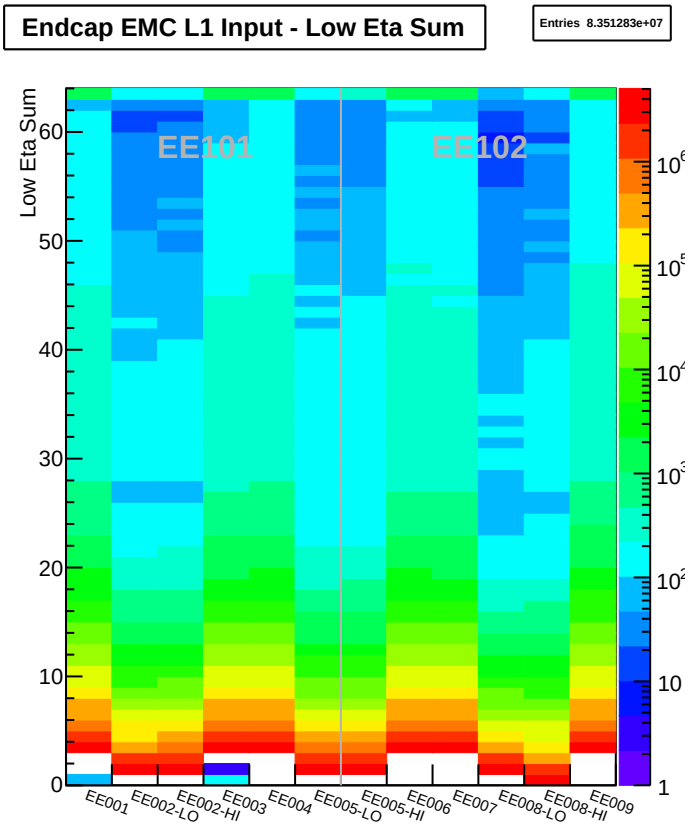

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

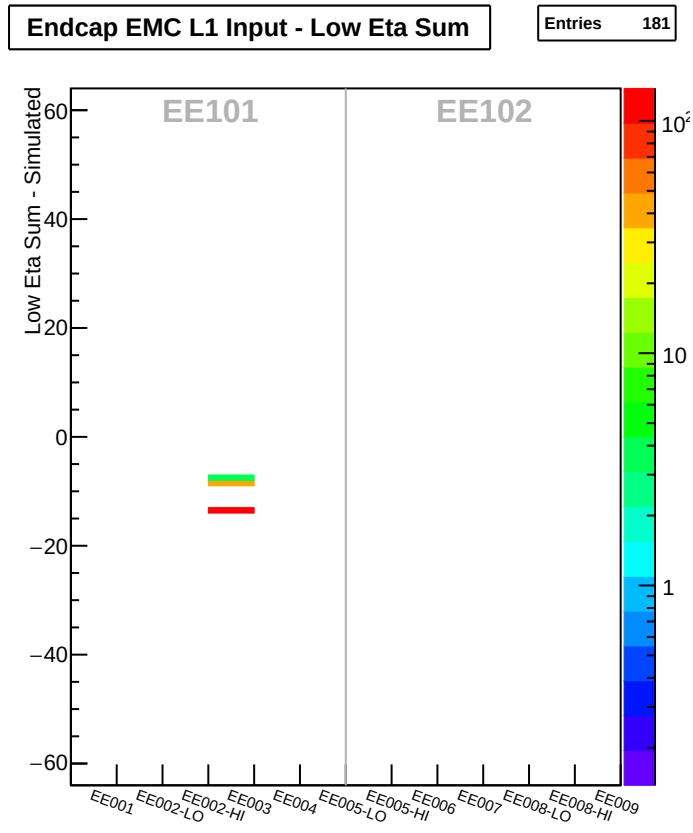

Barrel EMC L1 Input - High Tower Bits
Entries 2.505385e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

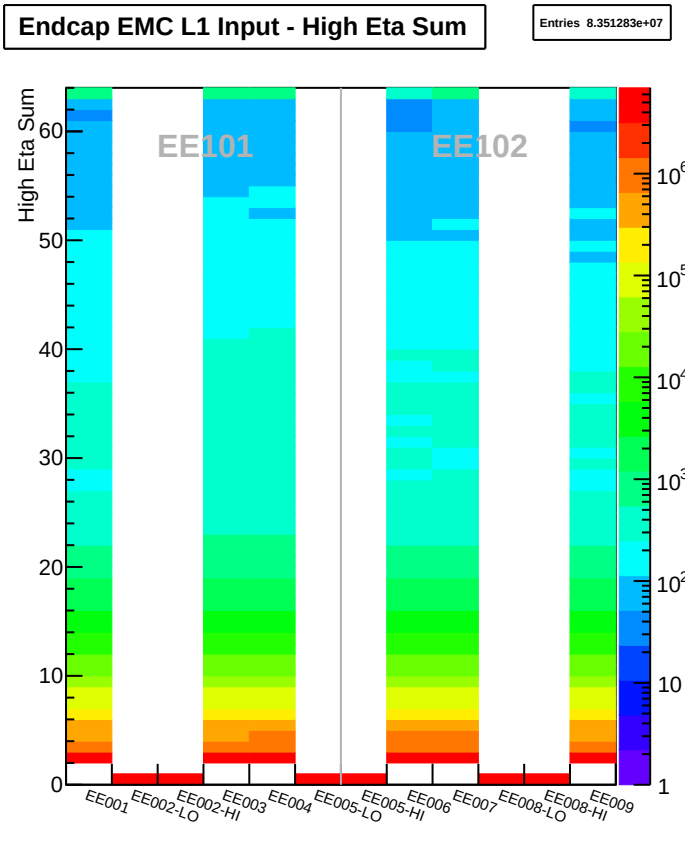

Barrel EMC L1 Input - High Tower Bits
Entries 2.503952e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

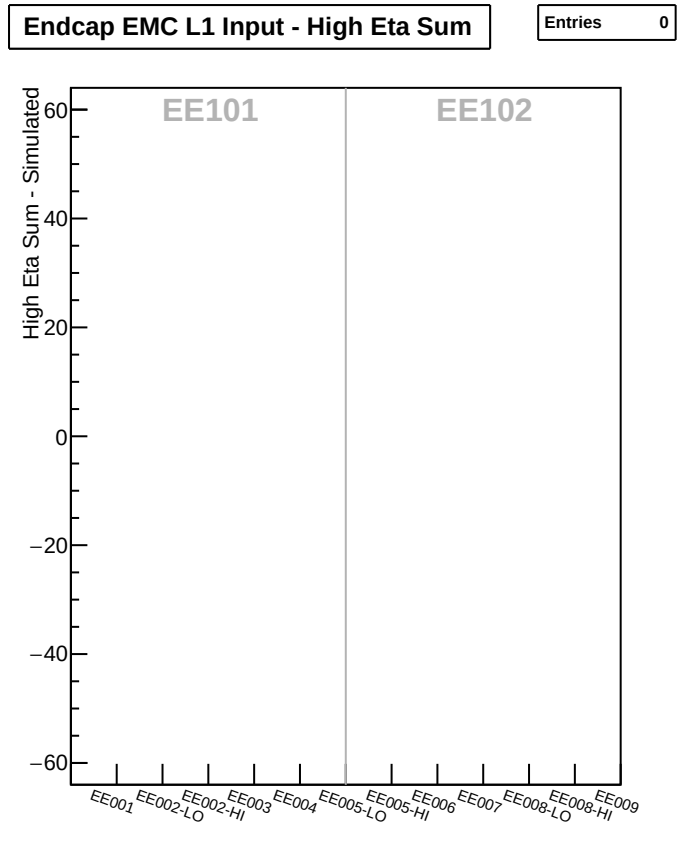

Barrel EMC L1 Input - HT.TP Bit
Entries 2.505385e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

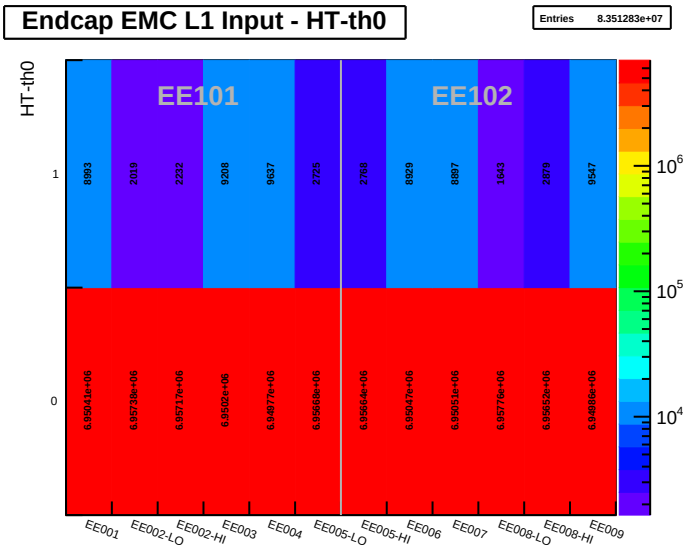

Barrel EMC L1 Input - High Tower Bits
Entries 2.357654e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

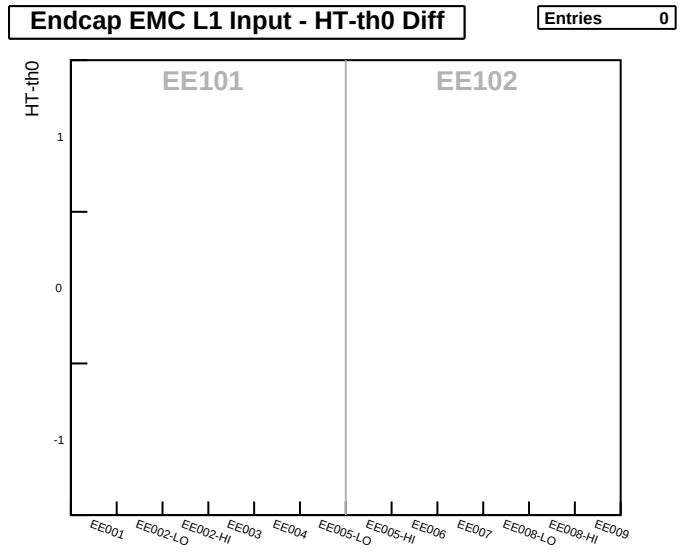

Endcap EMC L1 Input - Low Eta Sum
Entries 8.351283e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

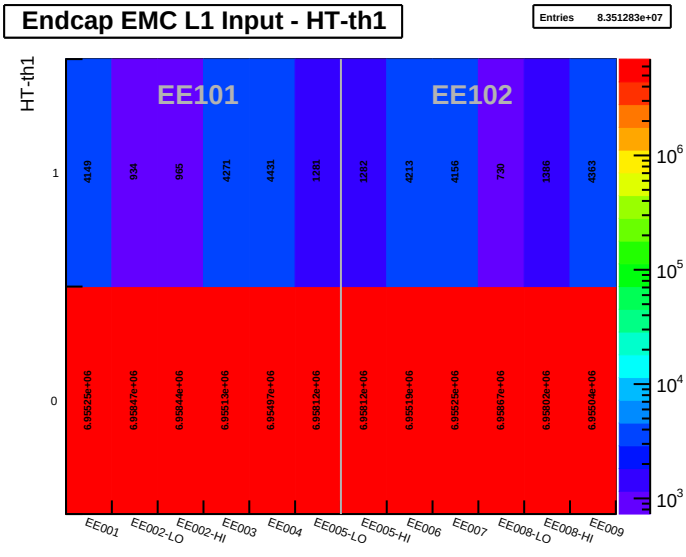

Endcap EMC L1 Input - Low Eta Sum
Entries 181
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

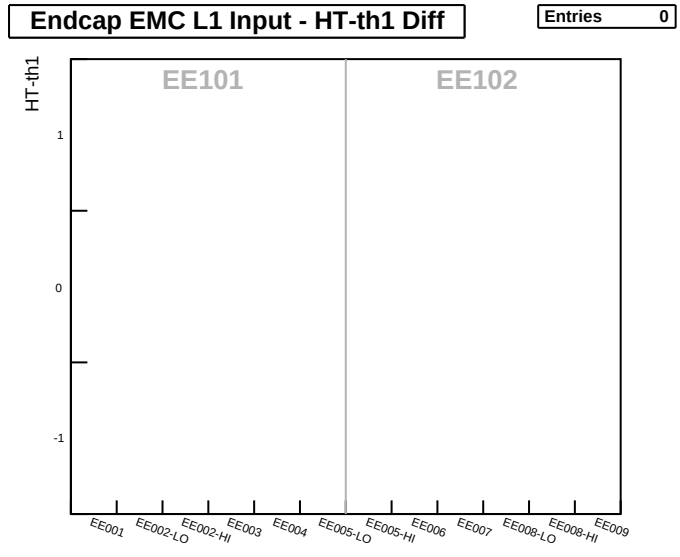

Endcap EMC L1 Input - High Eta Sum
Entries 8.351283e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

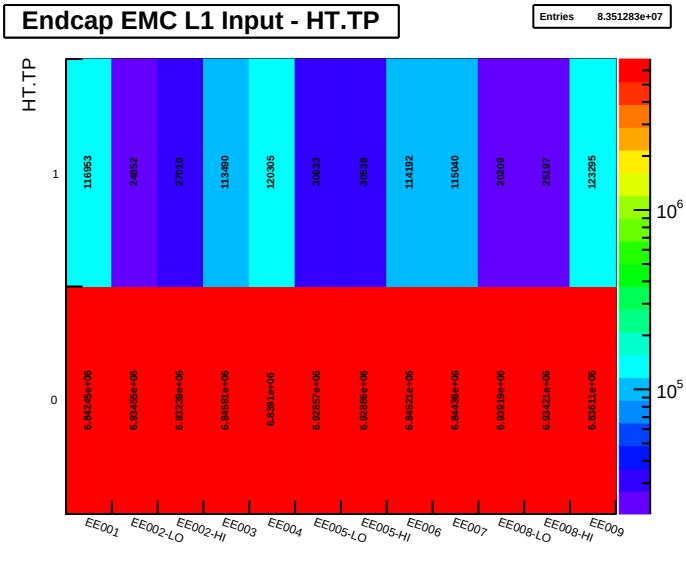

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

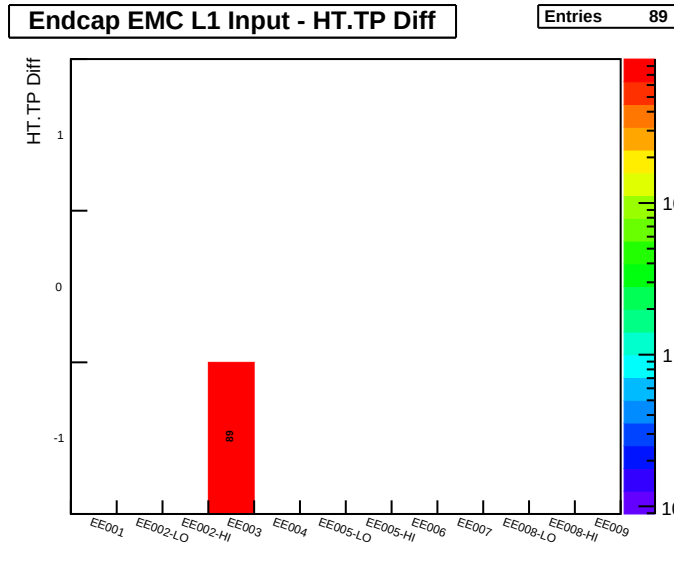

Endcap EMC L1 Input - HT-th0
Entries 8.351283e+07
HT-th0
EE101
EE102
8993 2019 2232 9208 9637 2725 2768 8929 8897 1643 2879 9547
6.95041e+06 6.95739e+06 6.95717e+06 6.9502e+06 6.94977e+06 6.95668e+06 6.95664e+06 6.95047e+06 6.95051e+06 6.95776e+06 6.95652e+06 6.94986e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

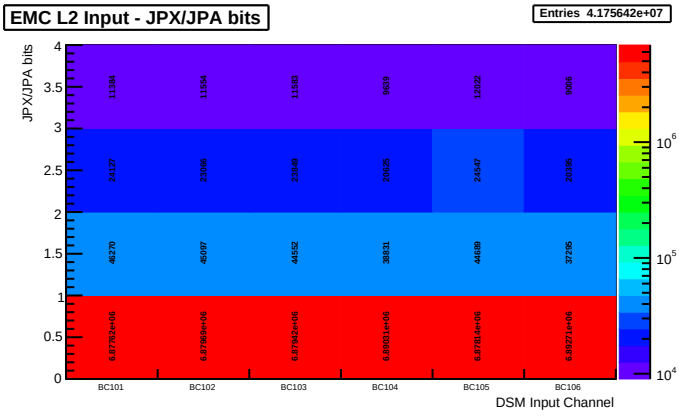

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

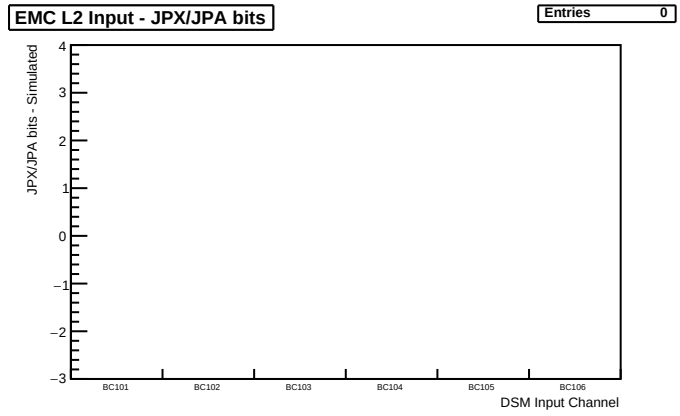

Endcap EMC L1 Input - HT-th1
Entries 8.351283e+07
HT-th1
EE101
EE102
4149 934 965 4271 4431 1281 1282 4213 4156 730 1386 4363
6.95525e+06 6.95947e+06 6.95844e+06 6.95513e+06 6.95497e+06 6.95912e+06 6.95812e+06 6.95519e+06 6.95525e+06 6.95867e+06 6.95802e+06 6.95504e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

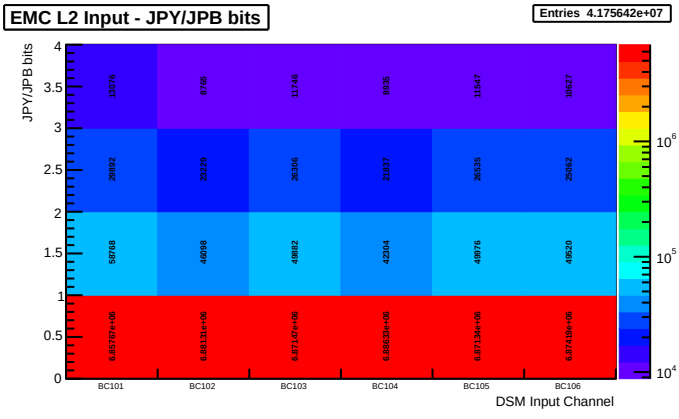

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

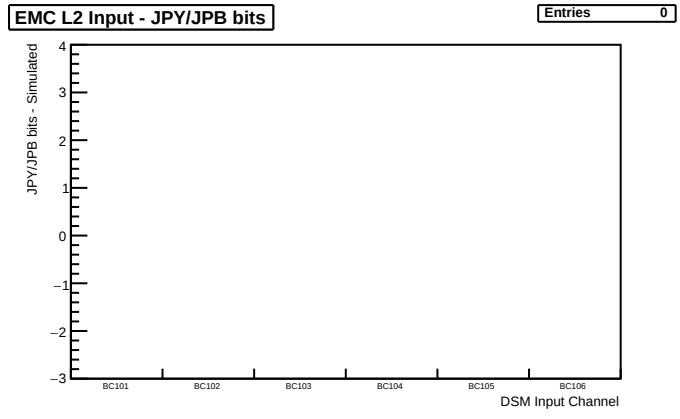

Endcap EMC L1 Input - HT.TP
Entries 8.351283e+07
HT.TP
116953 24652 27010 113490 120305 30833 30538 114192 115040 20209 25197 123295
6.84246e+06 6.93455e+06 6.93238e+06 6.84591e+06 6.8391e+06 6.92857e+06 6.92886e+06 6.84521e+06 6.84436e+06 6.93019e+06 6.93421e+06 6.83611e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

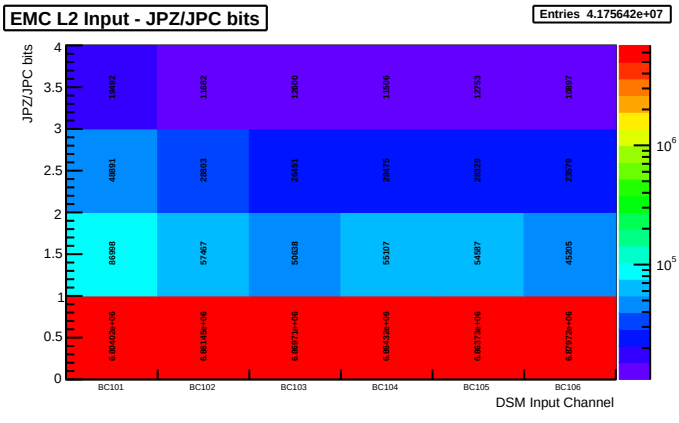

Endcap EMC L1 Input - HT.TP Diff
Entries 89
HT.TP Diff
89
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

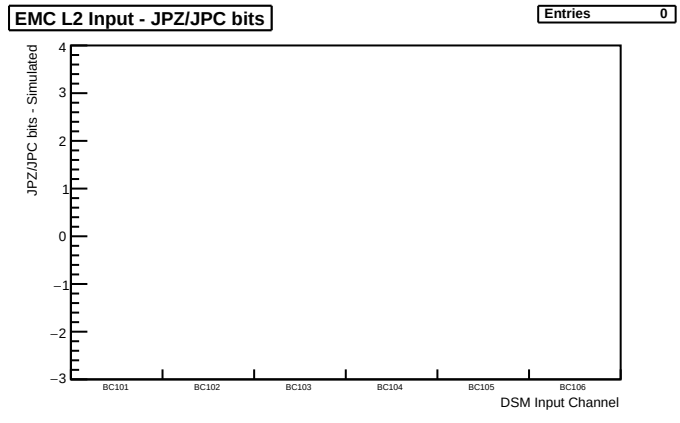

EMC L2 Input - JPX/JPA bits
Entries 4.175642e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11384
11554
11583
9639
12072
9006
24127
23066
23849
20625
24547
20395
46270
45097
44582
38831
44689
37295
6.87762e+06
6.87969e+06
6.87942e+06
6.88031e+06
6.87814e+06
6.88221e+06

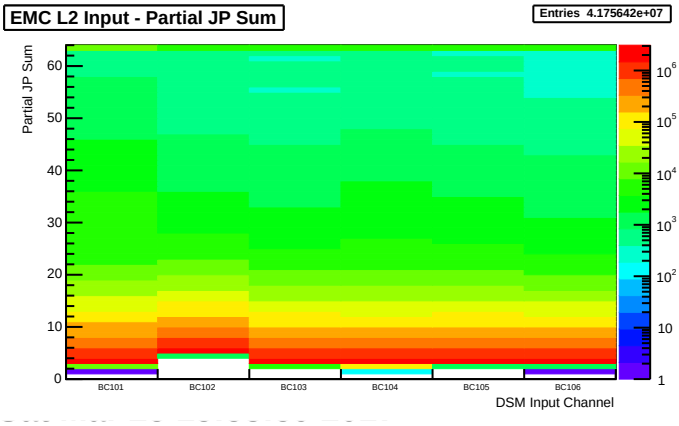

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

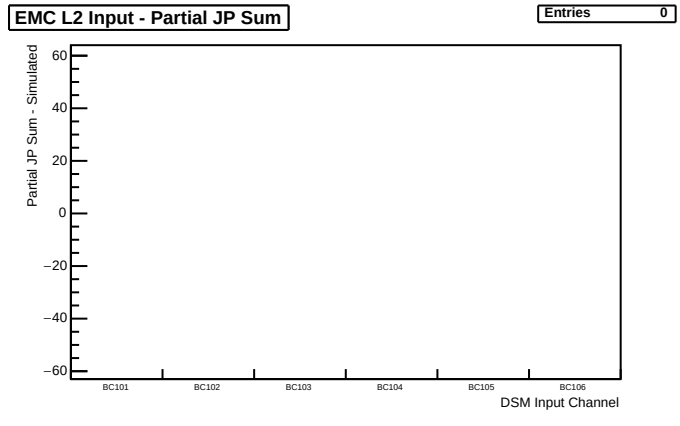

EMC L2 Input - JPY/JPB bits
Entries 4.175642e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13076
8765
11746
8935
11547
10627
23892
22229
26306
21937
26535
25062
50768
46998
49852
42204
49976
49520
6.85767e+06
6.88131e+06
6.87147e+06
6.88533e+06
6.87134e+06
6.87419e+06

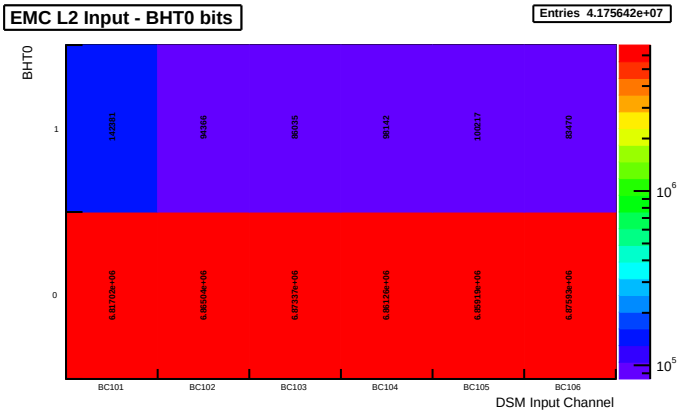

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

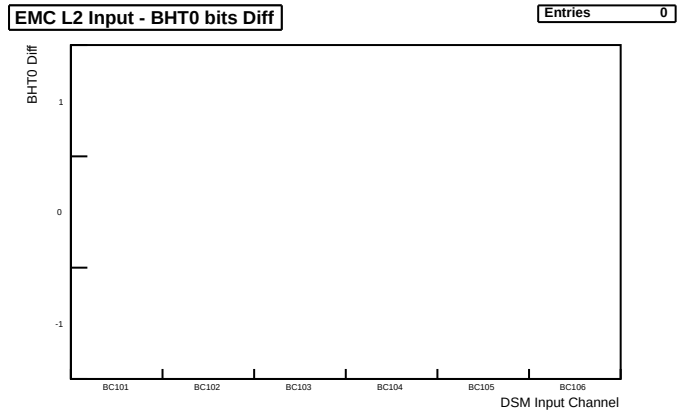

EMC L2 Input - JPZ/JPC bits
Entries 4.175642e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13432
11632
12600
11506
12753
10897
48891
28803
26451
28475
28329
23379
86989
57467
50638
55107
54987
45205
6.90426e+06
6.95145e+06
6.86971e+06
6.98432e+06
6.86373e+06
6.97972e+06

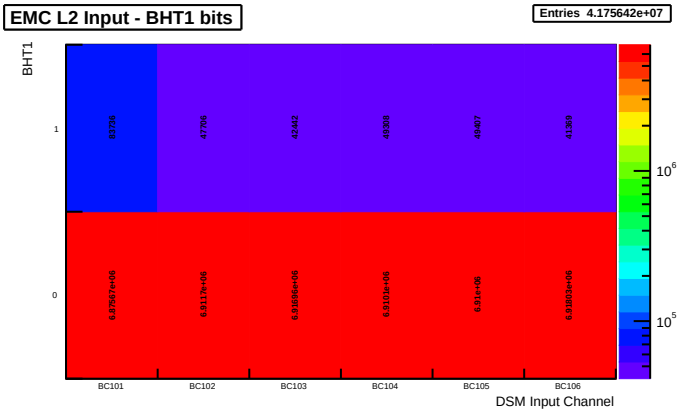

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

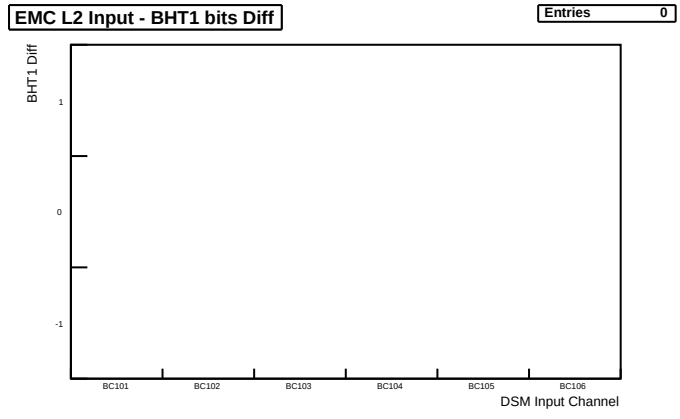

EMC L2 Input - Partial JP Sum
Entries 4.175642e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

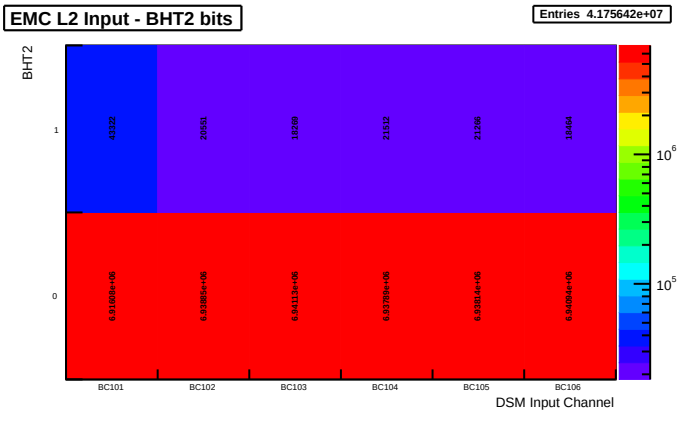

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

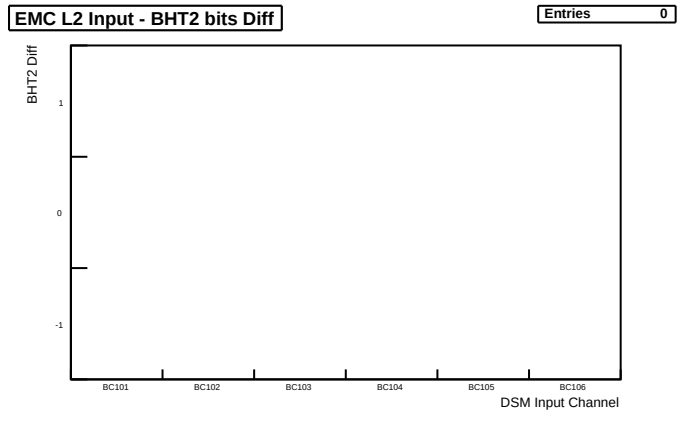

EMC L2 Input - BHT0 bits
Entries 4.175642e+07
BHT0
1
0
112331
94366
86035
89142
100217
83470
6.81702e+06
6.85504e+06
6.87337e+06
6.81126e+06
6.85919e+06
6.87593e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

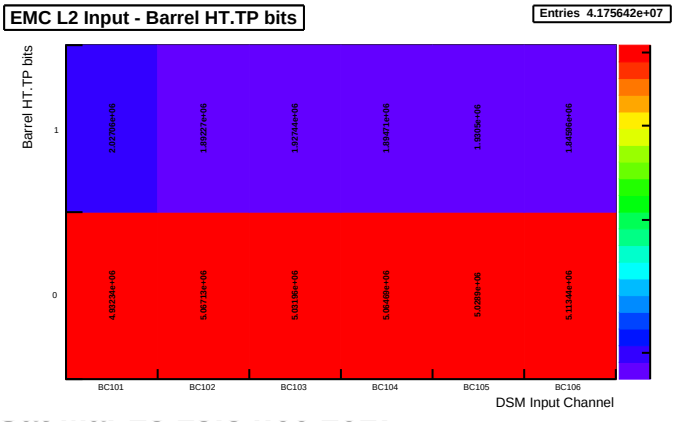

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

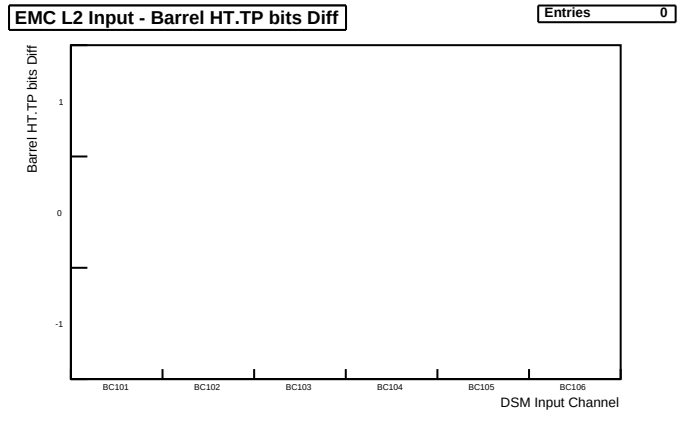

EMC L2 Input - BHT1 bits
Entries 4.175642e+07
BHT1
1
0
53726
47706
42442
49308
49407
41369
6.87597e+06
6.91176e+06
6.91986e+06
6.91016e+06
6.914e+06
6.91803e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

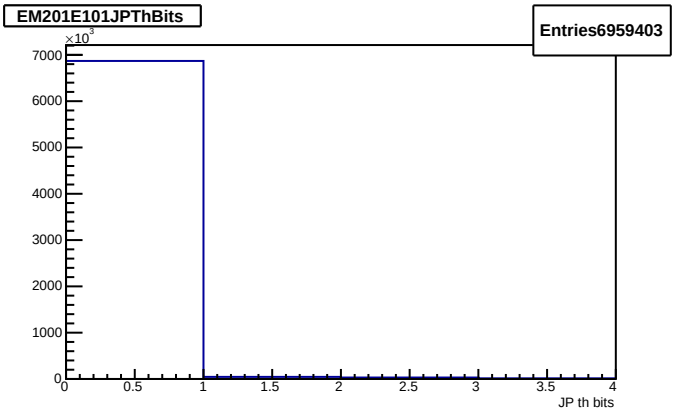

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

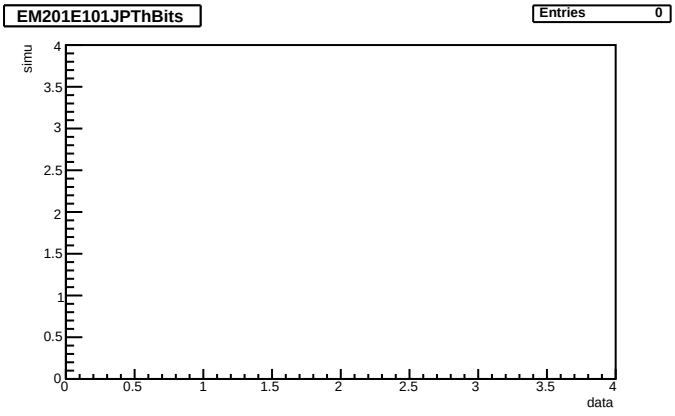

EMC L2 Input - BHT2 bits
Entries 4.175642e+07
BHT2
1
0
43322
20551
18369
21512
21268
18464
6.91608e+06
6.93855e+06
6.94113e+06
6.93789e+06
6.93814e+06
6.94094e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

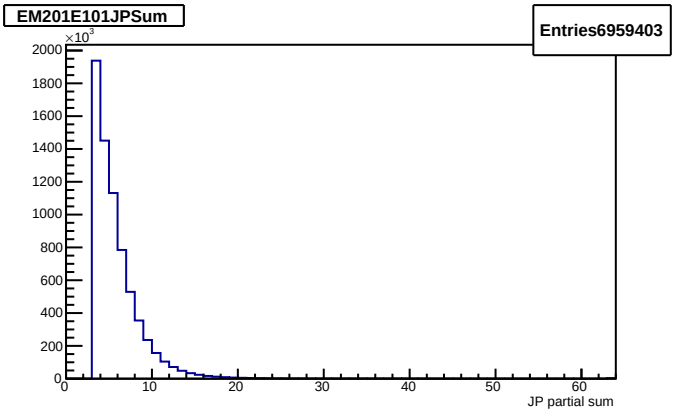

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

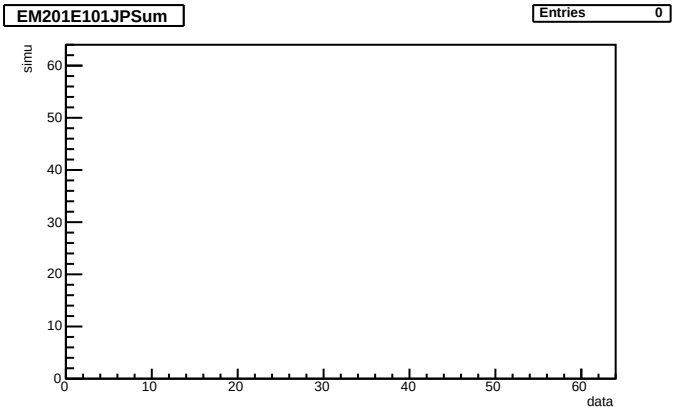

EMC L2 Input - Barrel HT.TP bits
Entries 4.175642e+07
Barrel HT.TP bits
1
0
2.02706e+06
1.93927e+06
1.92744e+06
1.93471e+06
1.9305e+06
1.84596e+06
4.93234e+06
5.06713e+06
5.03196e+06
5.06489e+06
5.0289e+06
5.11344e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

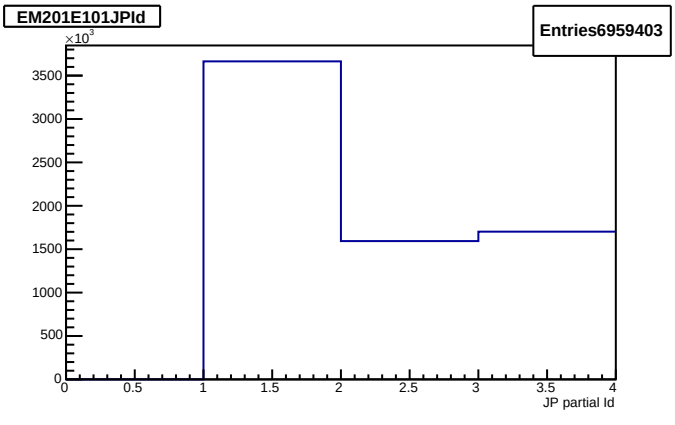

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

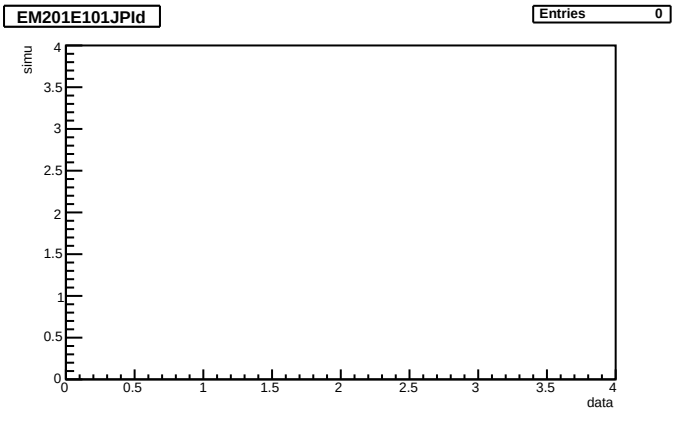

EM201E101JPThBits
Entries6959403
×10^3
JP th bits

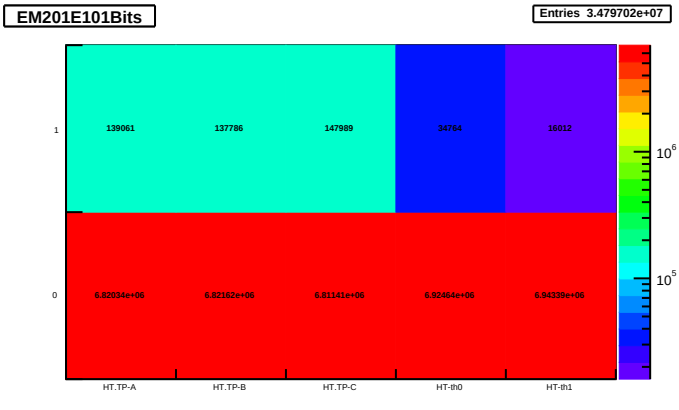

EM201E101JPThBits
Entries 0
simu
data

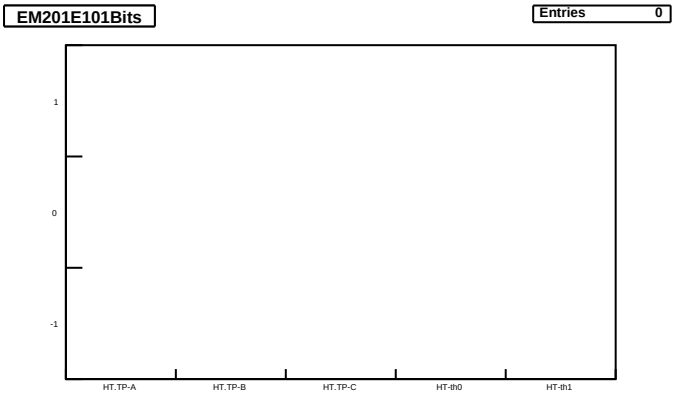

EM201E101JPSum
Entries6959403
×10^3
JP partial sum

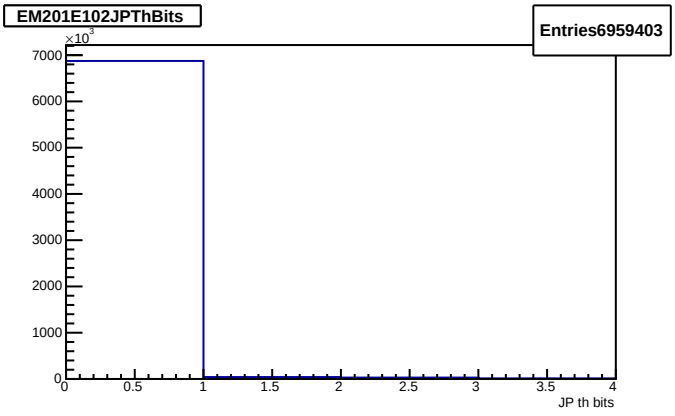

EM201E101JPSum
Entries 0
simu
data

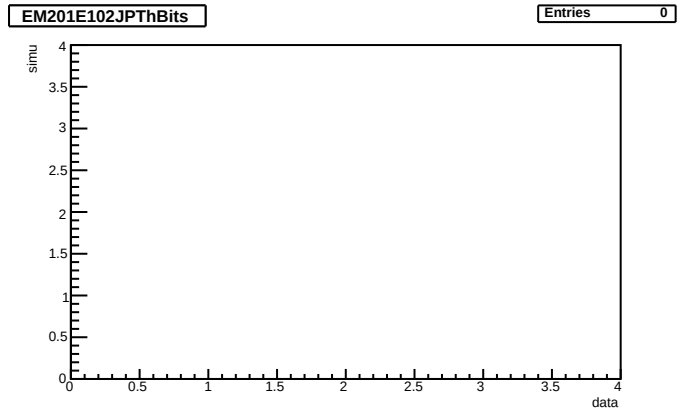

EM201E101JPId
Entries6959403
×10^3
JP partial Id

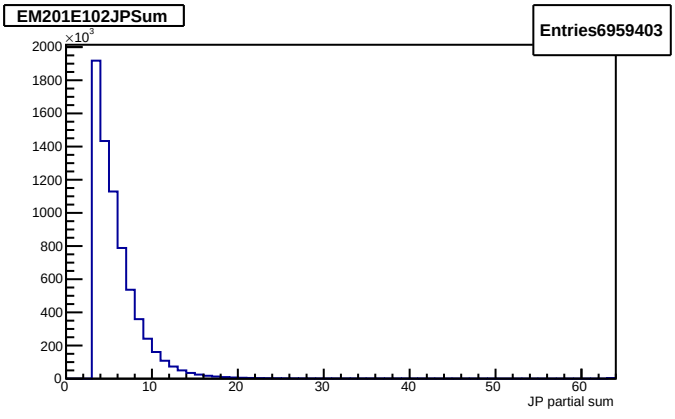

EM201E101JPId
Entries 0
simu
data

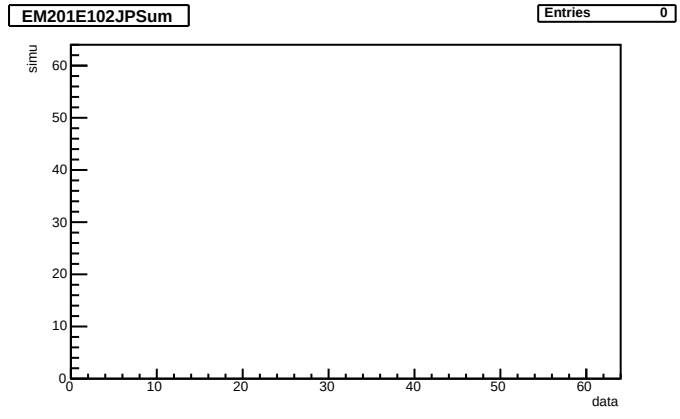

EM201E101Bits
Entries 3.479702e+07
139061
137786
147989
34764
16012
6.82034e+06
6.82162e+06
6.81141e+06
6.92464e+06
6.94339e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

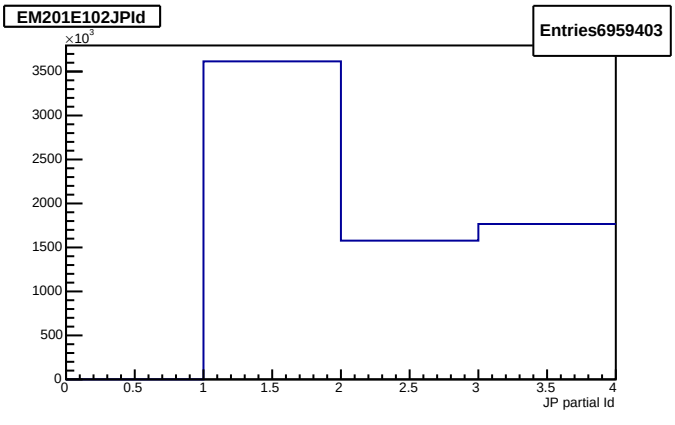

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

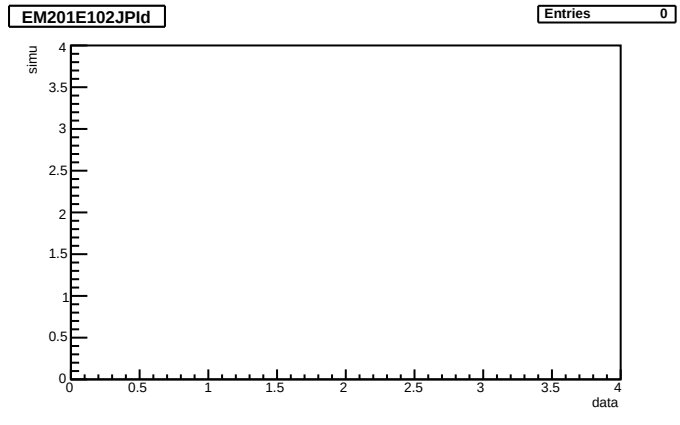

EM201E102JPThBits
Entries6959403
×10^3
JP th bits

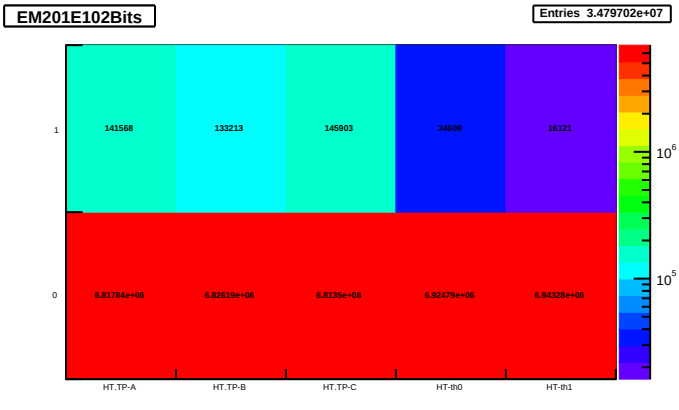

EM201E102JPThBits
Entries 0
simu
data

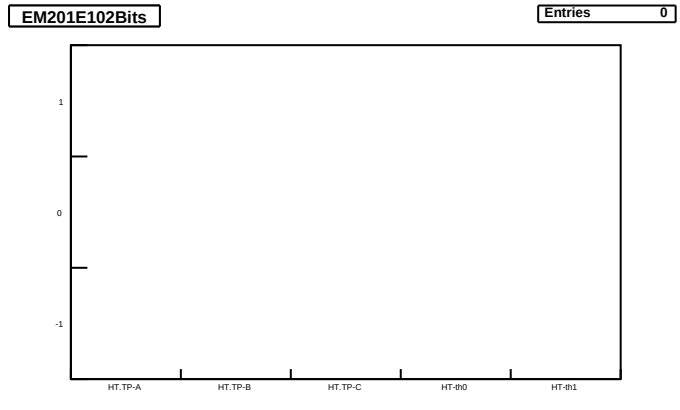

EM201E102JPSum
Entries6959403
×10^3
JP partial sum

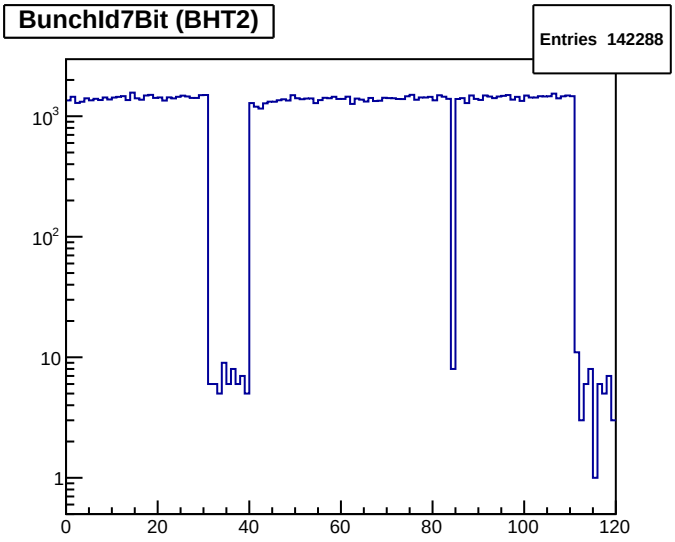

EM201E102JPSum
Entries 0
simu
data

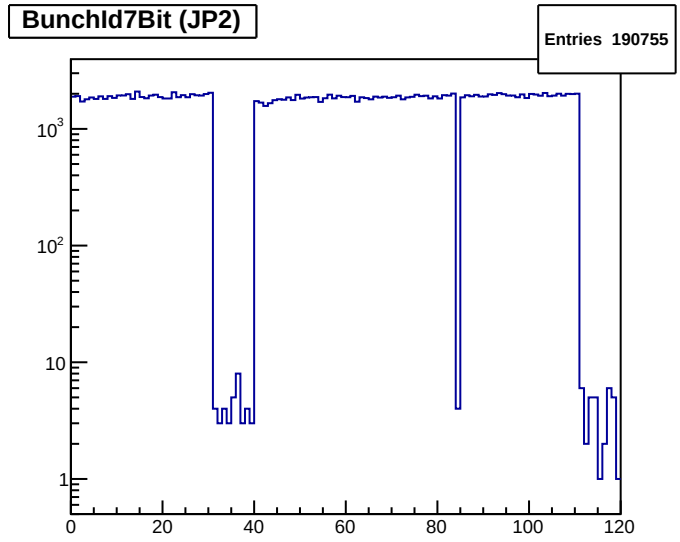

EM201E102JPId
Entries6959403
×10^3
JP partial Id

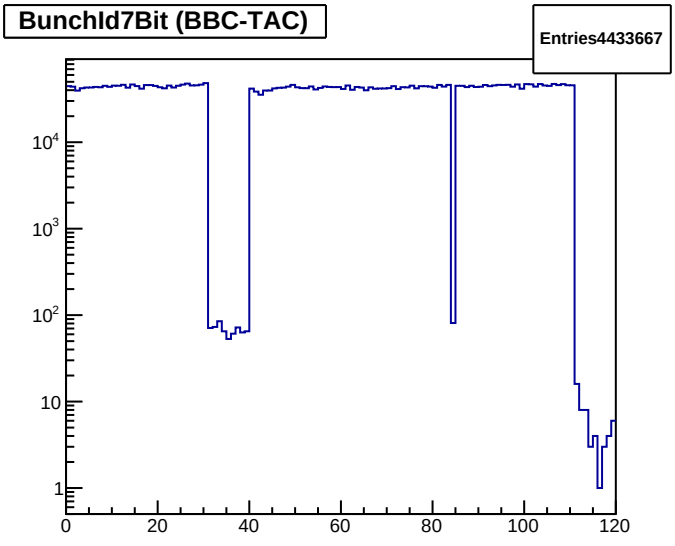

EM201E102JPId
Entries 0
simu
data

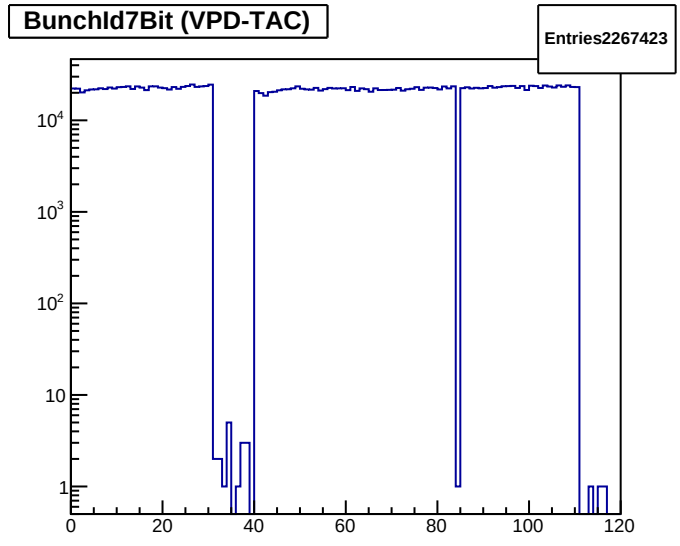

EM201E102Bits
Entries 3.479702e+07
141568
133213
145903
34609
16121
6.81784e+06
6.82619e+06
6.8135e+06
6.92479e+06
6.94328e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

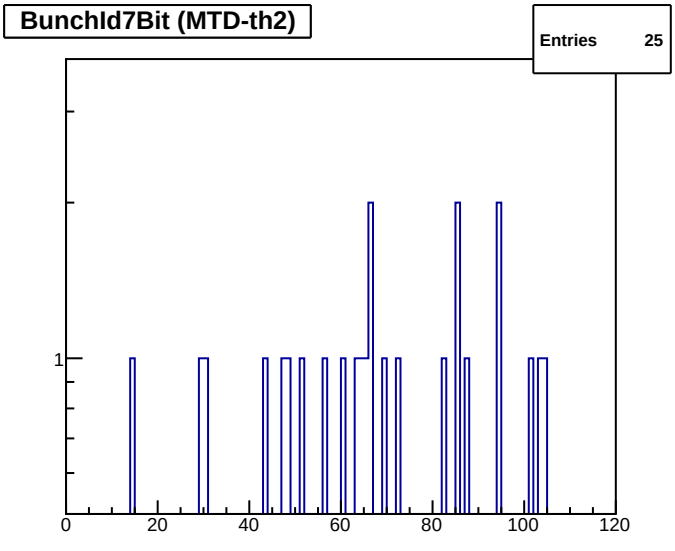

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

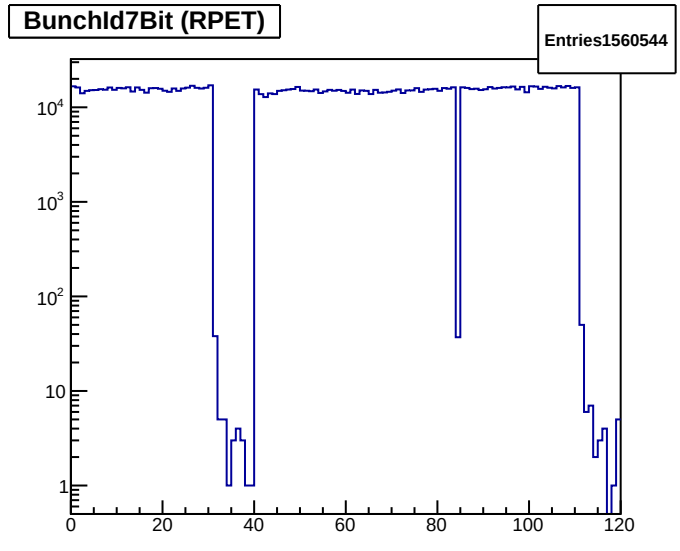

BunchId7Bit (BHT2)
Entries 142288

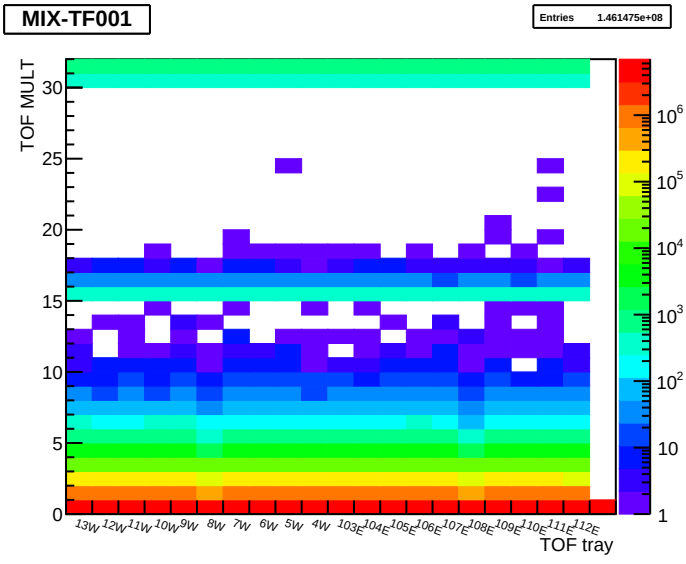

BunchId7Bit (JP2)
Entries 190755

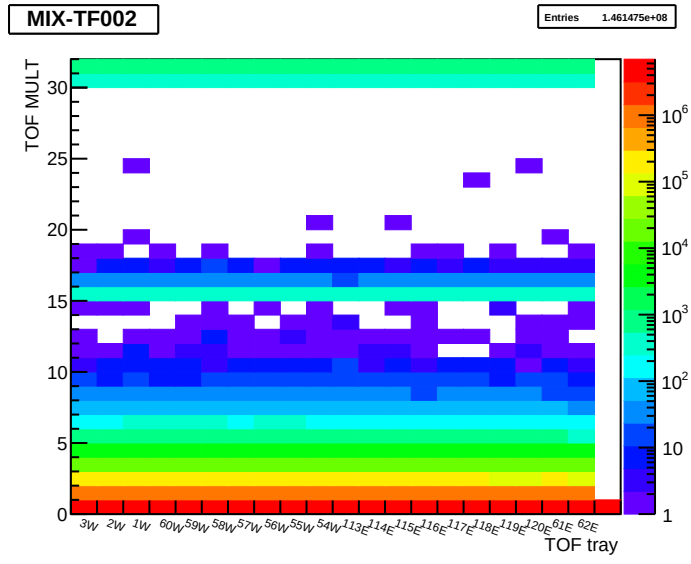

BunchId7Bit (BBC-TAC)
Entries4433667

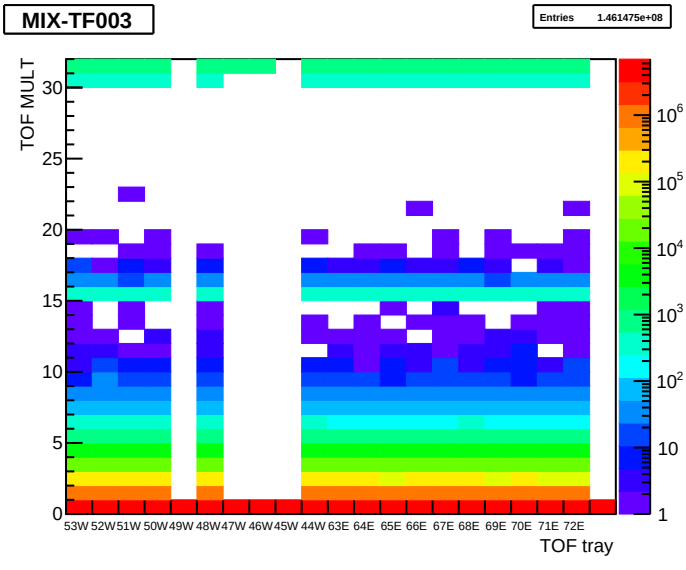

BunchId7Bit (VPD-TAC)
Entries2267423

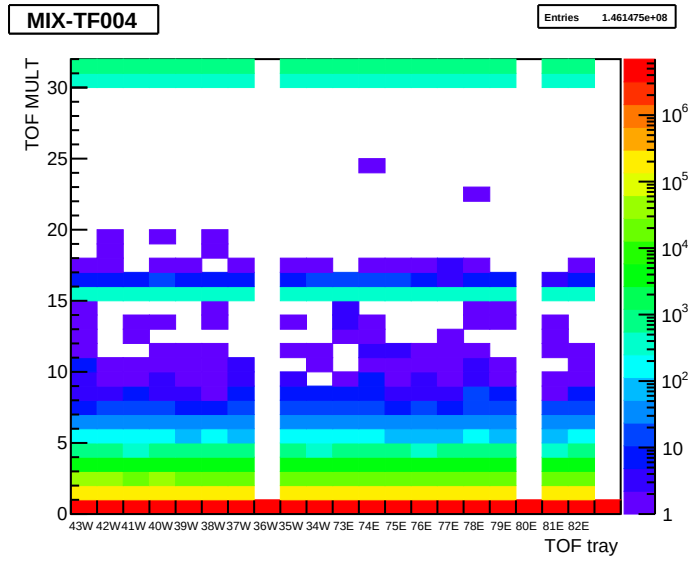

BunchId7Bit (MTD-th2)
Entries 25

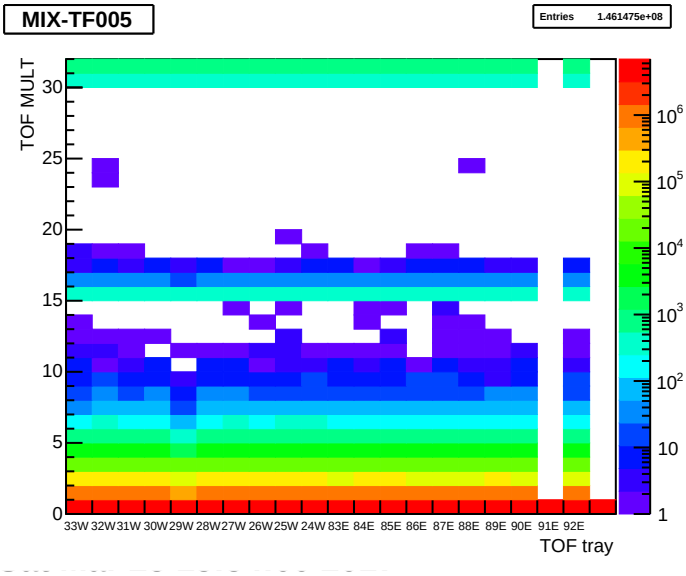

BunchId7Bit (RPET)
Entries1560544

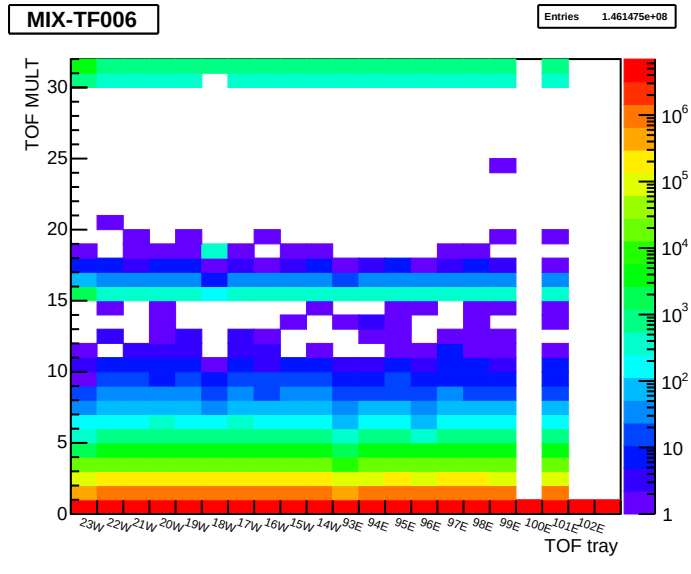

MIX-TF001
Entries 1.461475e+08
TOF MULT
TOF tray

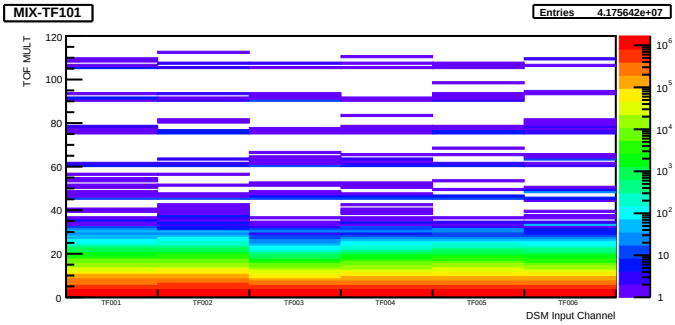

MIX-TF002
Entries 1.461475e+08
TOF MULT
TOF tray

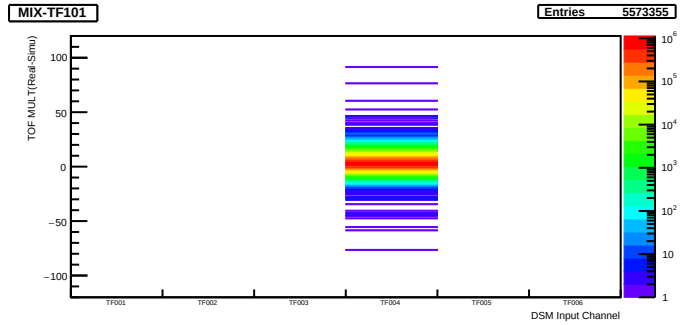

MIX-TF003
Entries 1.461475e+08
TOF MULT
TOF tray

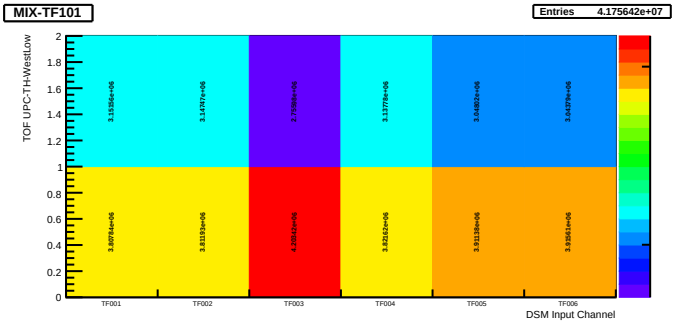

MIX-TF004
Entries 1.461475e+08
TOF MULT
TOF tray

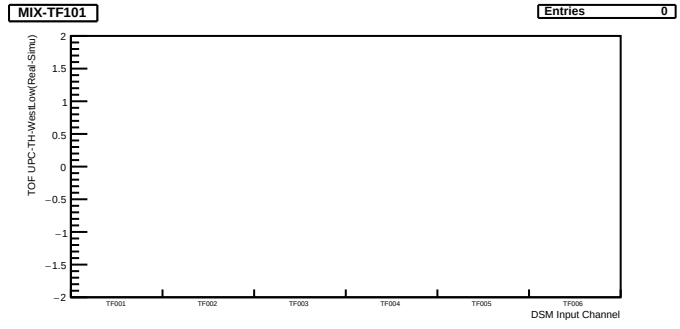

MIX-TF005
Entries 1.461475e+08
TOF MULT
TOF tray

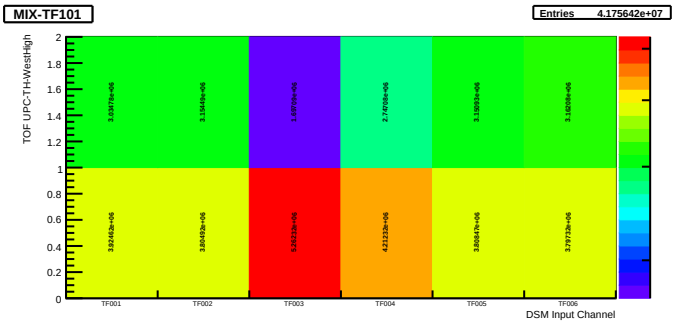

MIX-TF006
Entries 1.461475e+08
TOF MULT
TOF tray

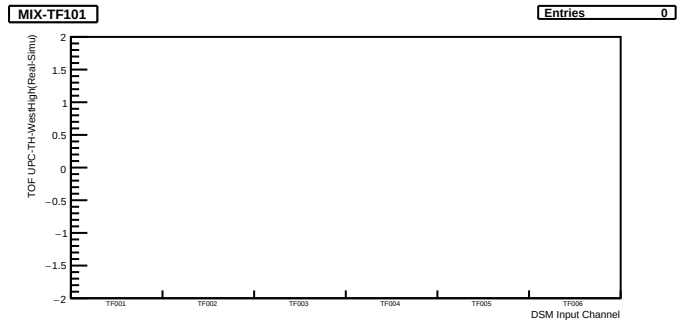

MIX-TF101
Entries 4.175642e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

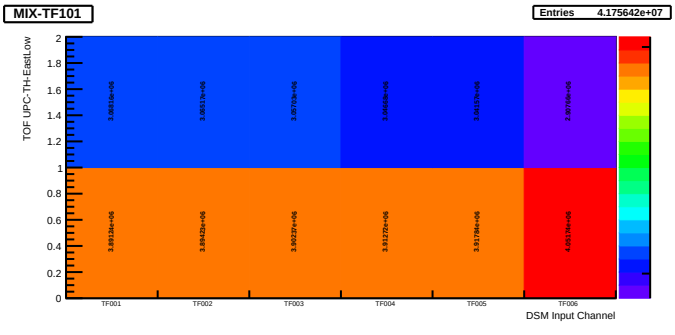

MIX-TF101
Entries 5573355
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

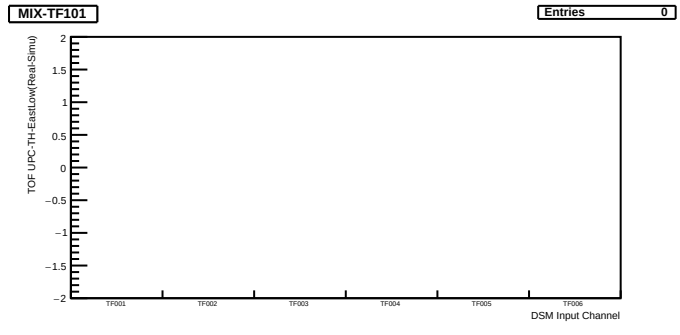

MIX-TF101
Entries 4.175642e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

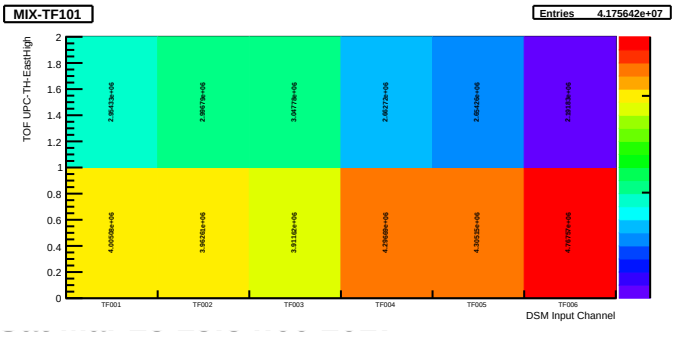

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

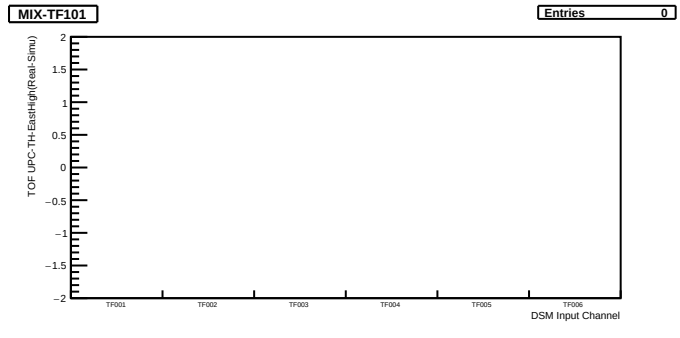

MIX-TF101
Entries 4.175642e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

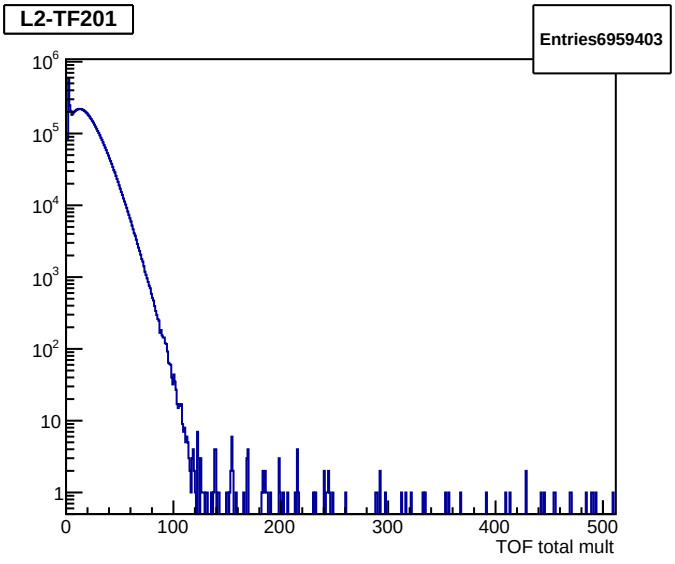

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

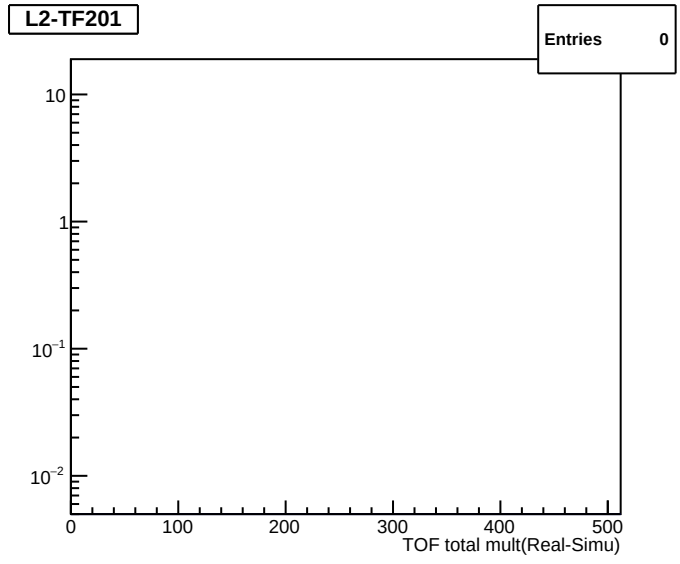

MIX-TF101
Entries 4.175642e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

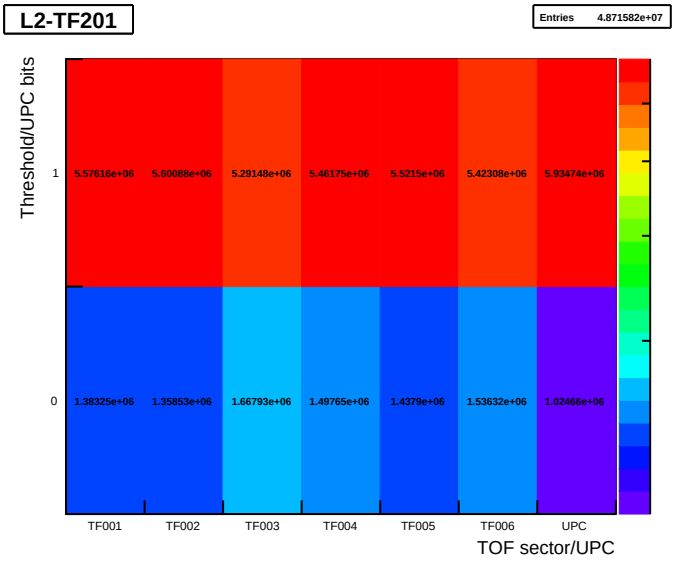

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

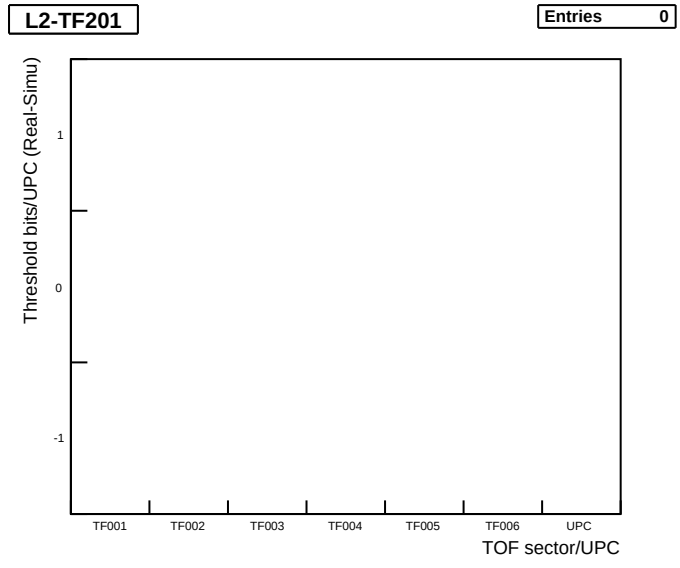

MIX-TF101
Entries 4.175642e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

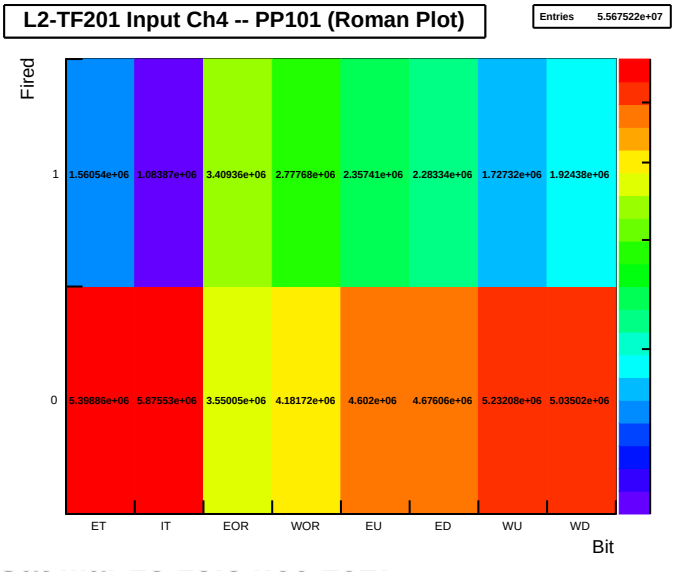

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

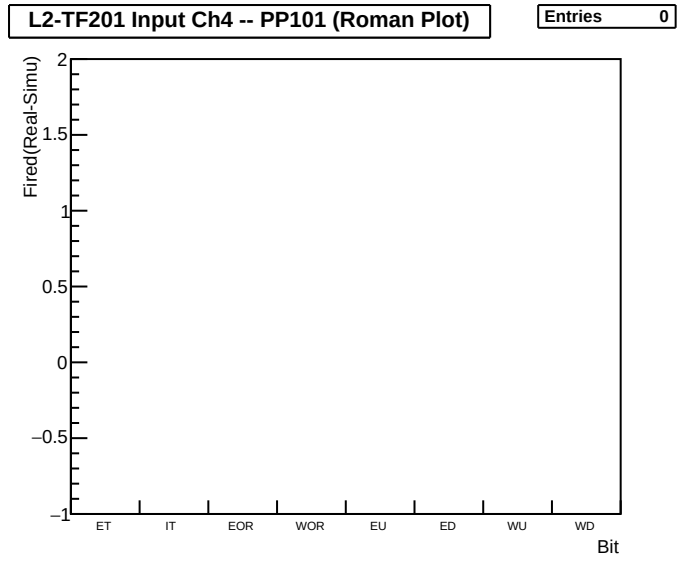

L2-TF201
Entries6959403
TOF total mult

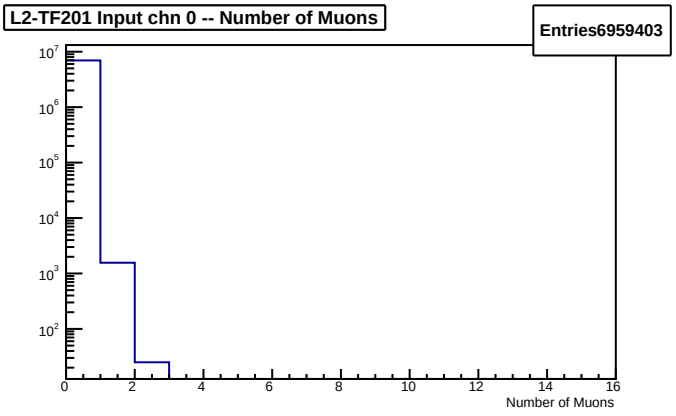

L2-TF201
Entries 0
TOF total mult(Real-Simu)

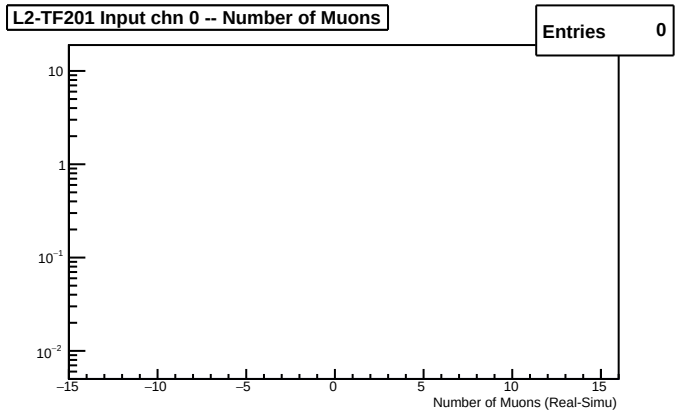

L2-TF201
Entries 4.871582e+07
Threshold/UPC bits
5.57616e+06
5.60088e+06
5.29148e+06
5.46175e+06
5.5215e+06
5.42308e+06
5.93474e+06
1.38325e+06
1.35853e+06
1.66793e+06
1.49765e+06
1.4379e+06
1.53632e+06
1.02466e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

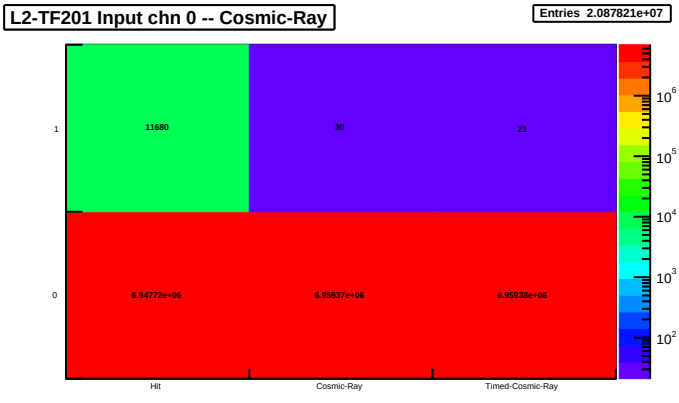

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

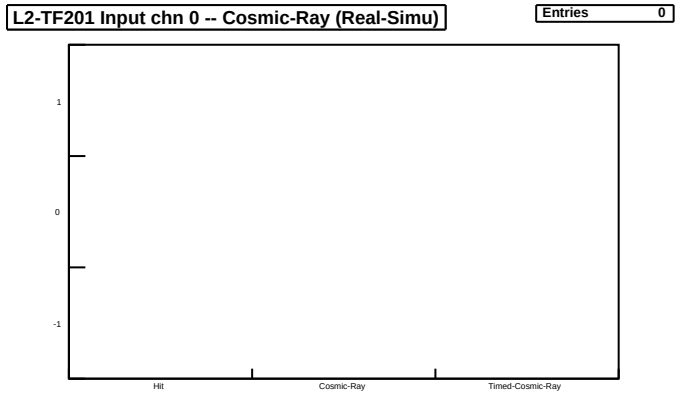

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.567522e+07
Fired
1.56054e+06
1.08387e+06
3.40936e+06
2.77768e+06
2.35741e+06
2.28334e+06
1.72732e+06
1.92438e+06
5.39886e+06
5.87553e+06
3.55005e+06
4.18172e+06
4.602e+06
4.67606e+06
5.23208e+06
5.03502e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

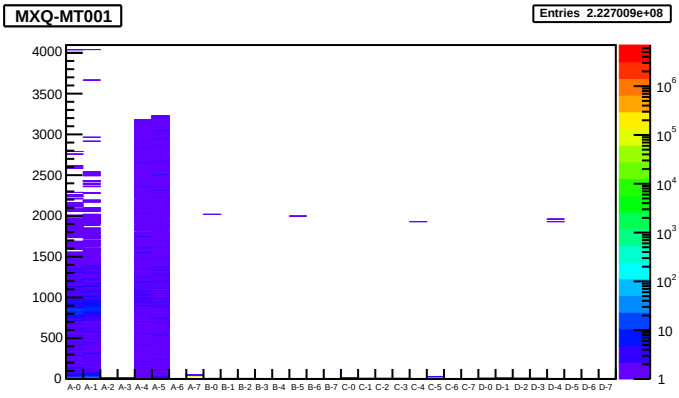

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

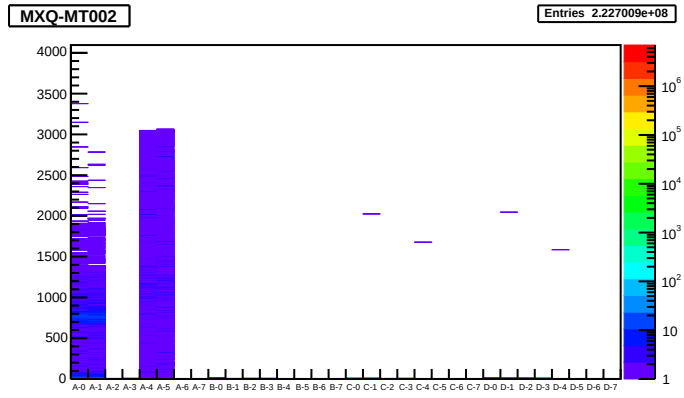

L2-TF201 Input chn 0 -- Number of Muons
Entries6959403
Number of Muons

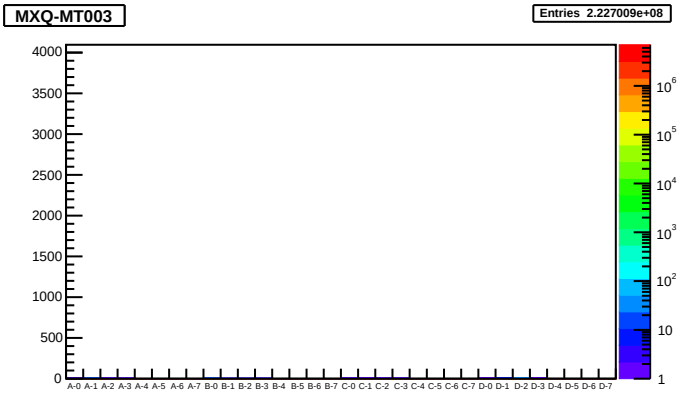

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

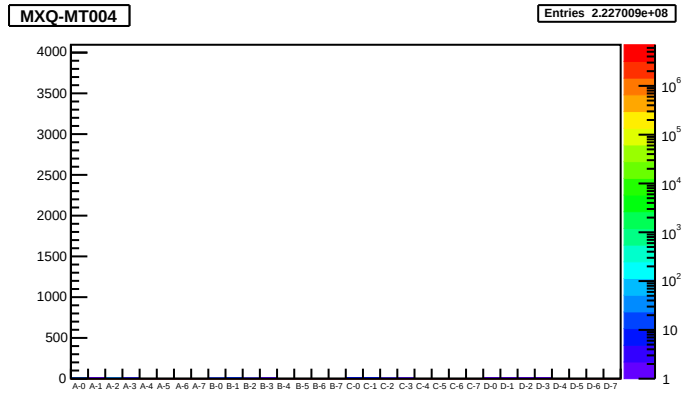

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.087821e+07
11680
30
21
6.94772e+06
6.95937e+06
6.95938e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

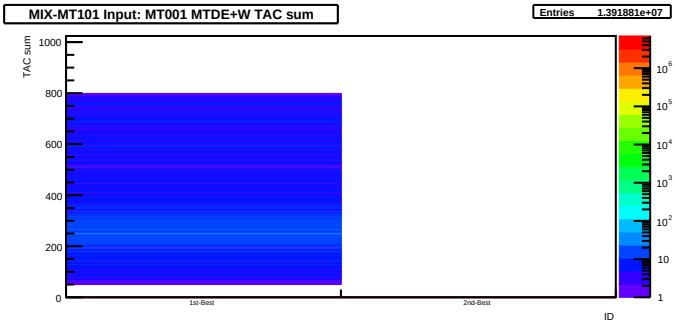

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

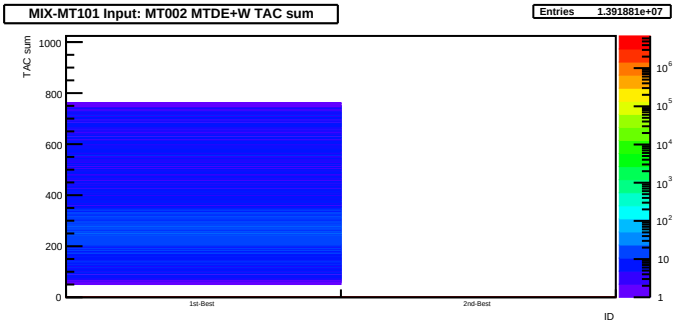

MXQ-MT001
Entries 2.227009e+08

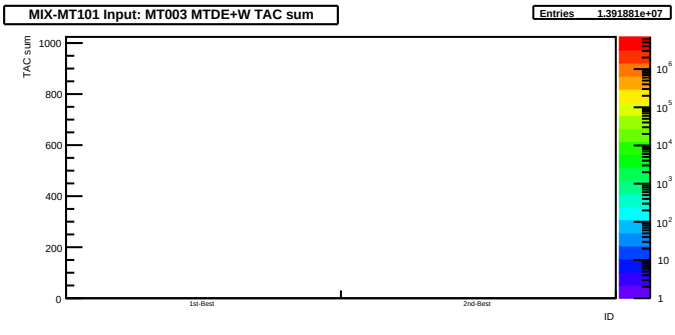

MXQ-MT002
Entries 2.227009e+08

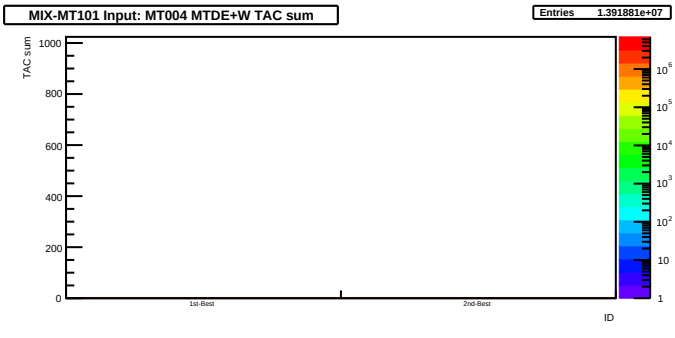

MXQ-MT003
Entries 2.227009e+08

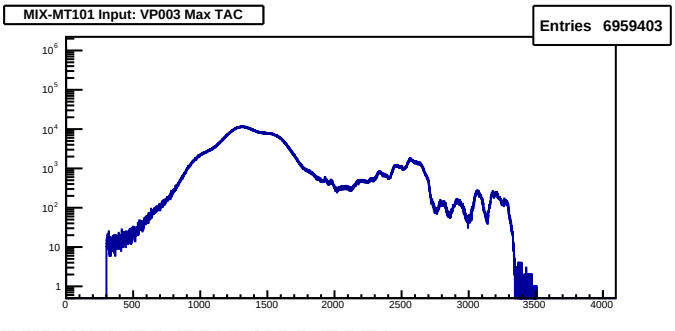

MXQ-MT004
Entries 2.227009e+08

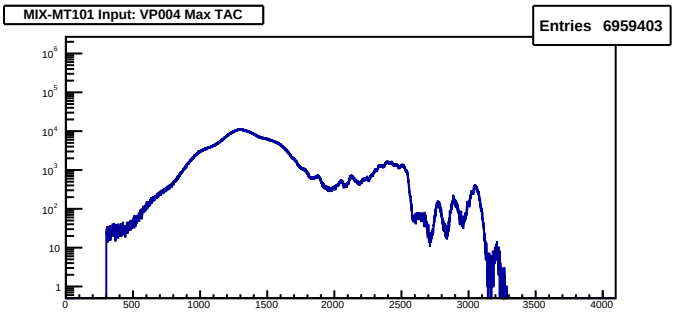

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.391881e+07
TAC sum
1st-Best
2nd-Best
ID

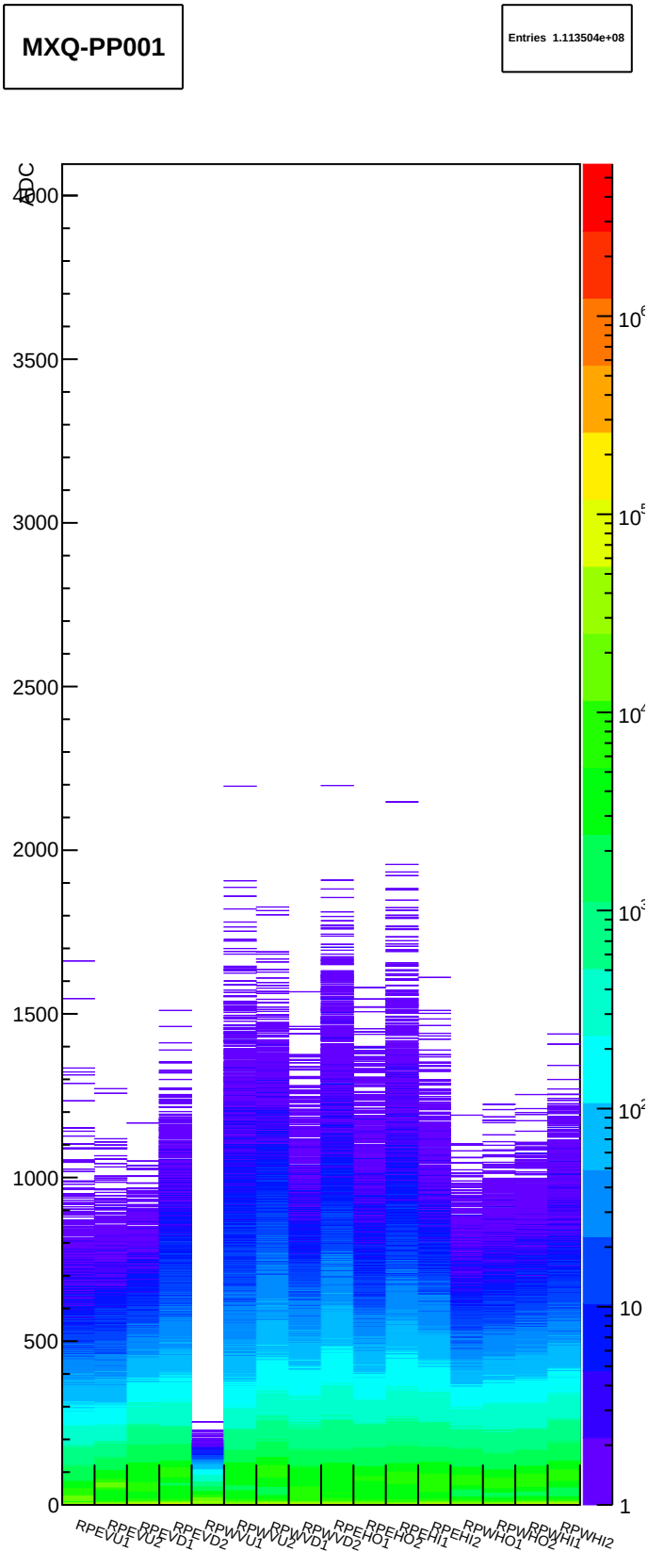

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.391881e+07
TAC sum
1st-Best
2nd-Best
ID

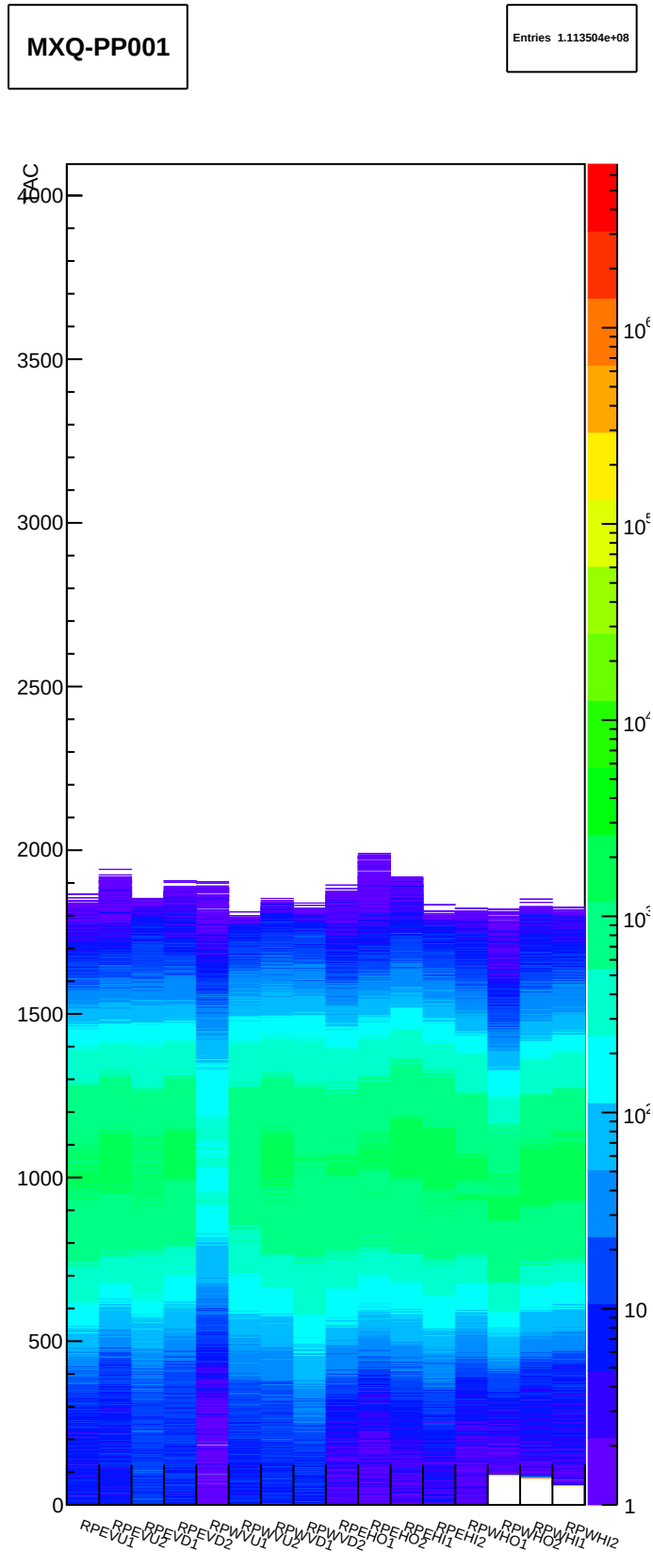

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.391881e+07
TAC sum
1st-Best
2nd-Best
ID

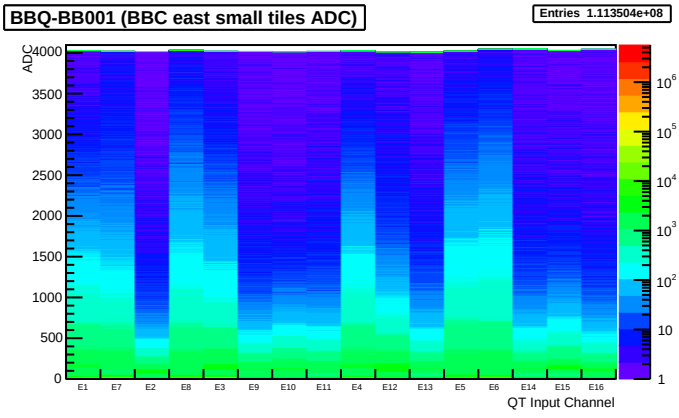

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.391881e+07
TAC sum
1st-Best
2nd-Best
ID

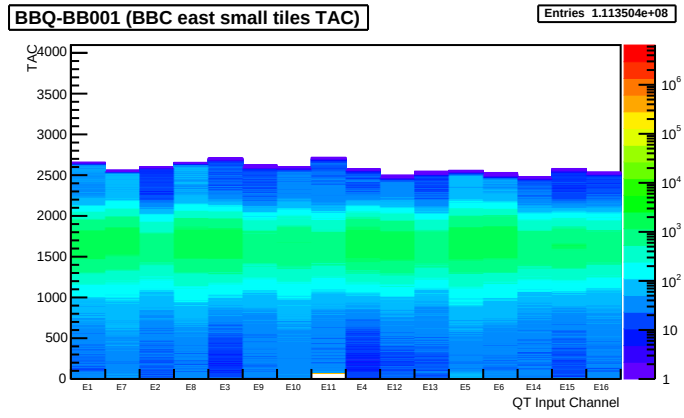

MIX-MT101 Input: VP003 Max TAC
Entries 6959403

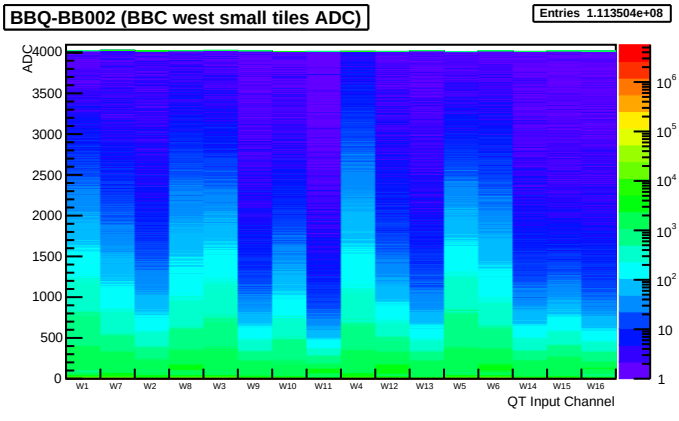

MIX-MT101 Input: VP004 Max TAC
Entries 6959403

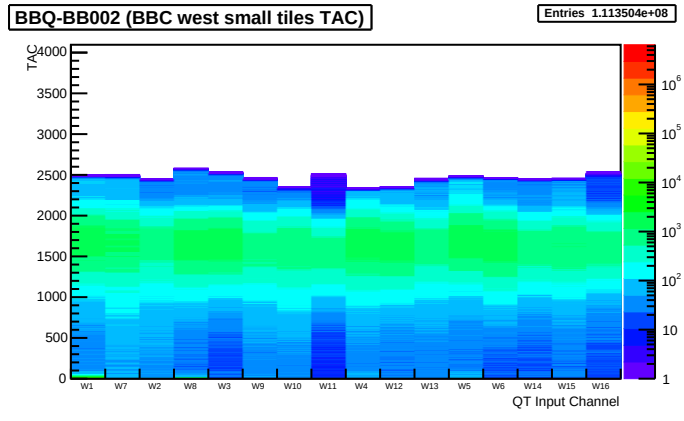

MXQ-PP001
Entries 1.113504e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

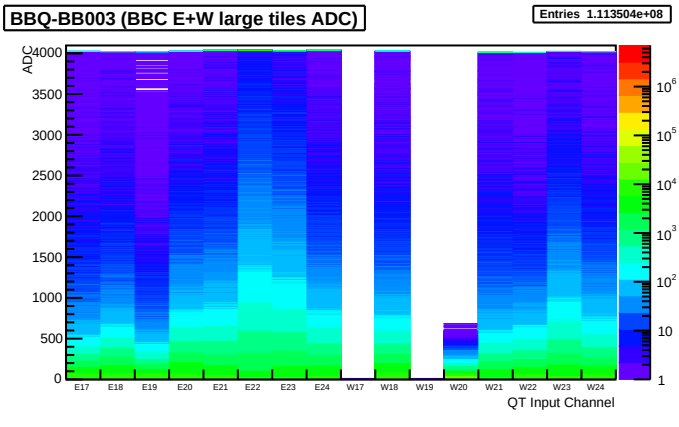

MXQ-PP001
Entries 1.113504e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

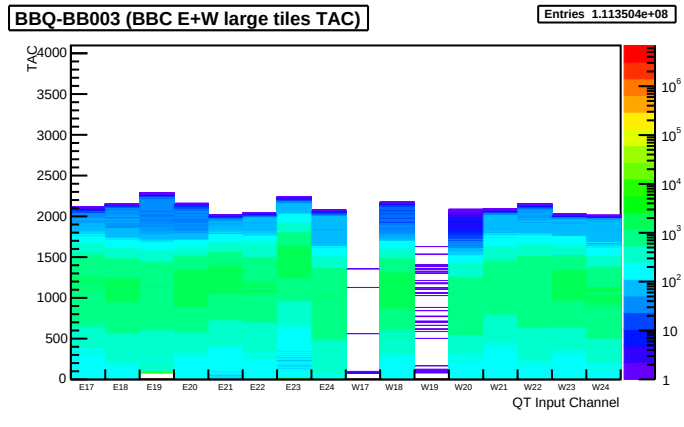

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.113504e+08
ADC
QT Input Channel

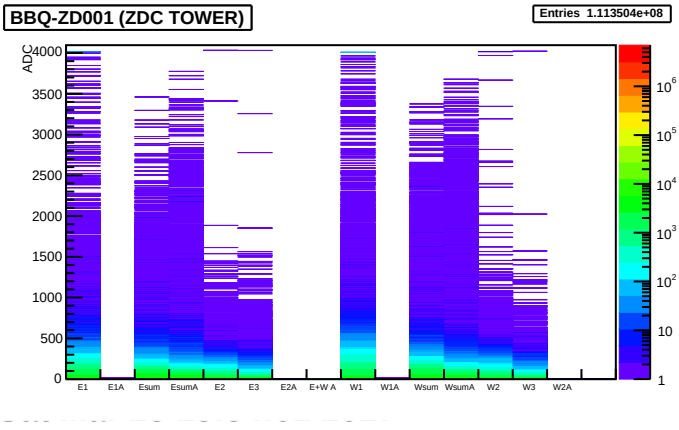

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.113504e+08
TAC
QT Input Channel

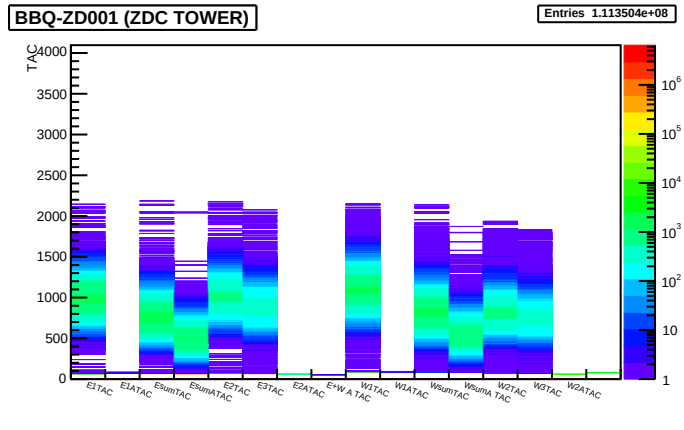

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.113504e+08
ADC
QT Input Channel

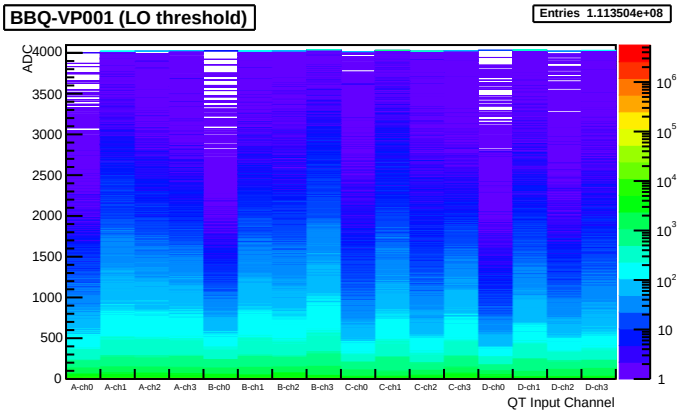

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.113504e+08
TAC
QT Input Channel

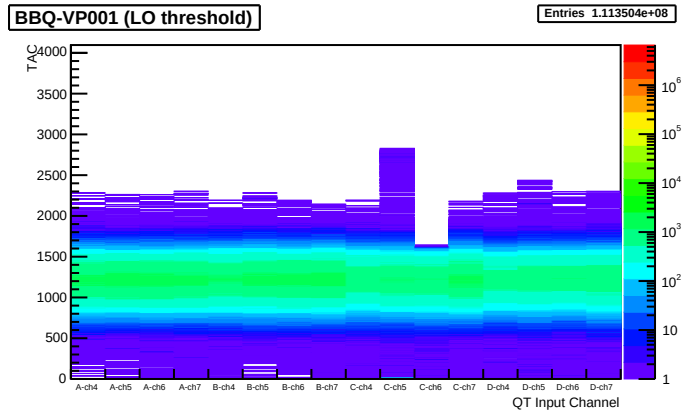

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.113504e+08
ADC
QT Input Channel

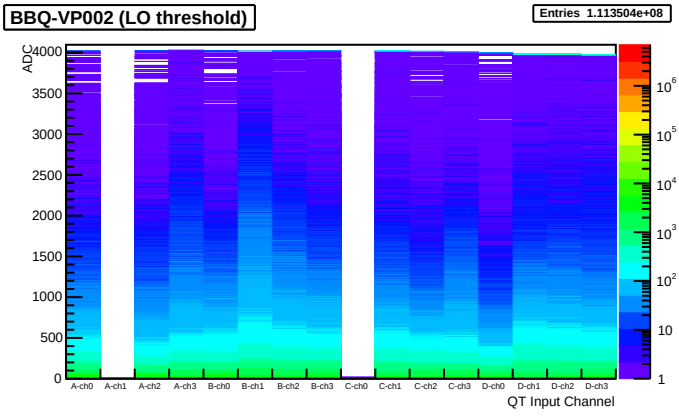

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.113504e+08
TAC
QT Input Channel

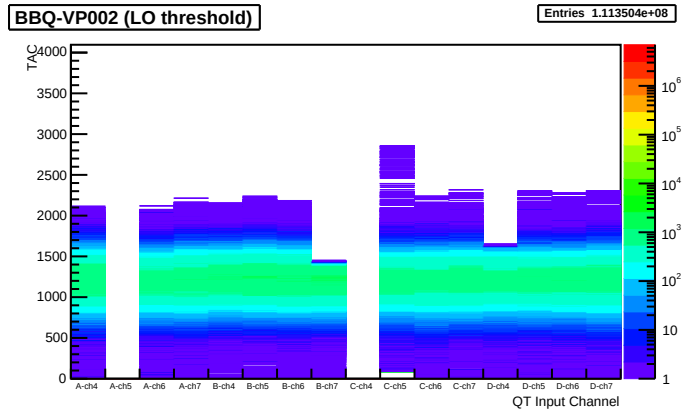

BBQ-ZD001 (ZDC TOWER)
Entries 1.113504e+08
ADC

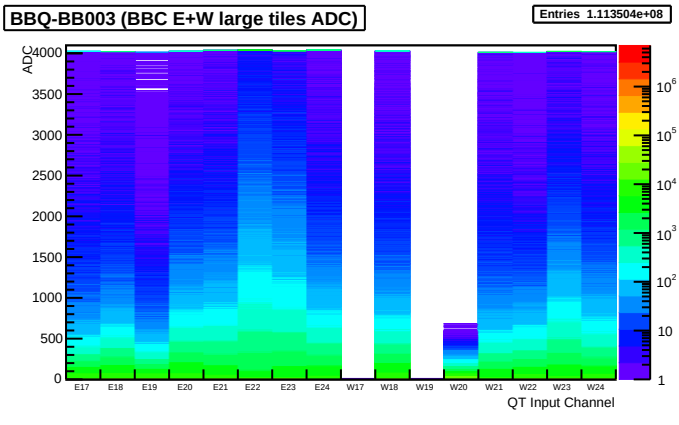

BBQ-ZD001 (ZDC TOWER)
Entries 1.113504e+08
TAC

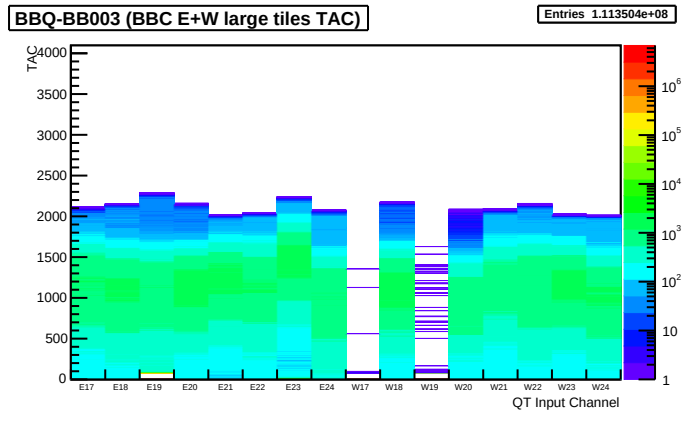

BBQ-VP001 (LO threshold)
Entries 1.113504e+08
ADC
QT Input Channel

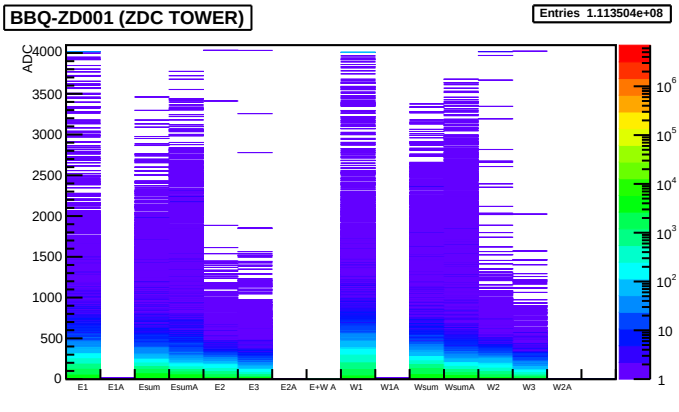

BBQ-VP001 (LO threshold)
Entries 1.113504e+08
TAC
QT Input Channel

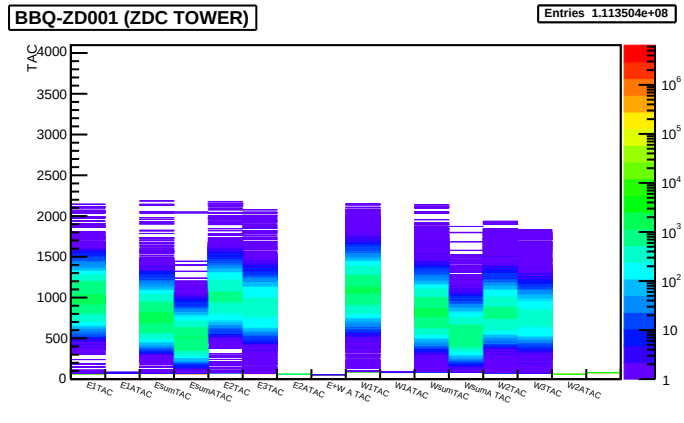

BBQ-VP002 (LO threshold)
Entries 1.113504e+08
ADC
QT Input Channel

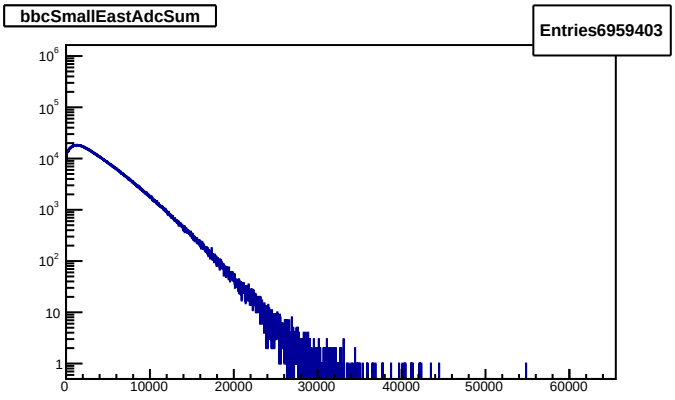

BBQ-VP002 (LO threshold)
Entries 1.113504e+08
TAC
QT Input Channel

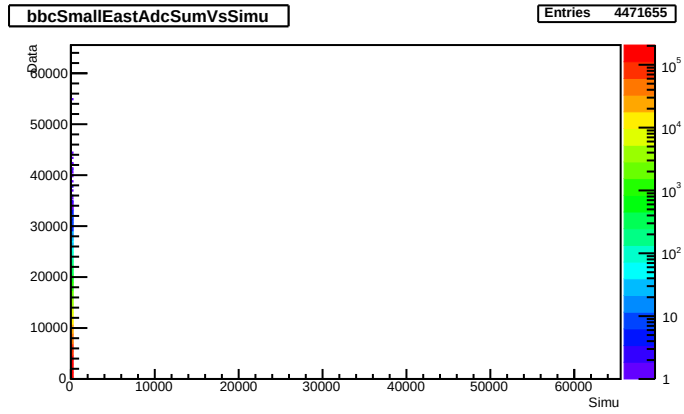

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.113504e+08
ADC
QT Input Channel

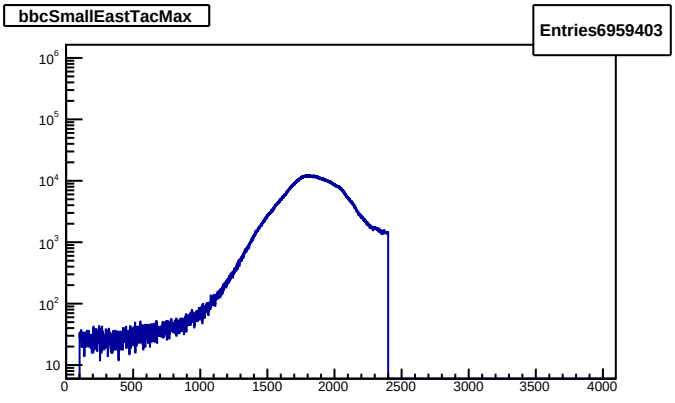

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.113504e+08
TAC
QT Input Channel

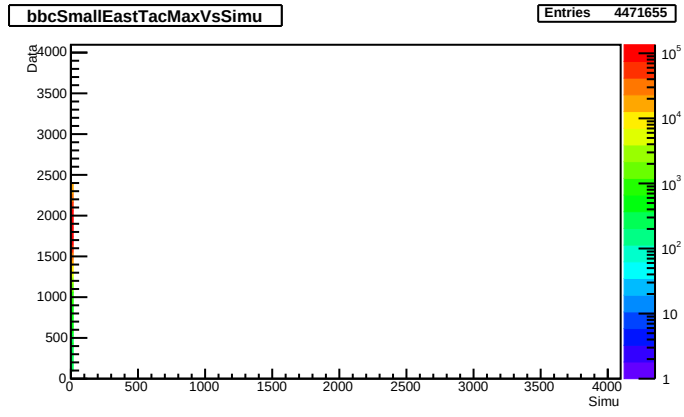

BBQ-ZD001 (ZDC TOWER)
Entries 1.113504e+08
ADC

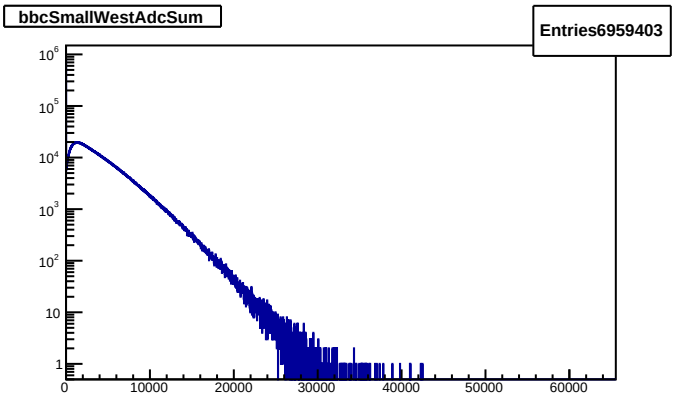

BBQ-ZD001 (ZDC TOWER)
Entries 1.113504e+08
TAC

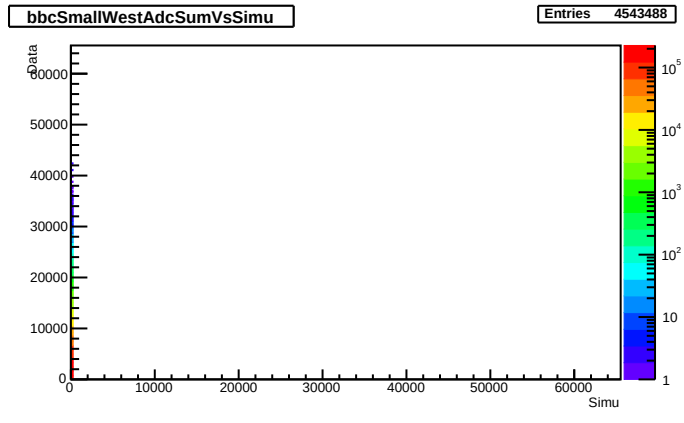

bbcSmallEastAdcSum
Entries6959403

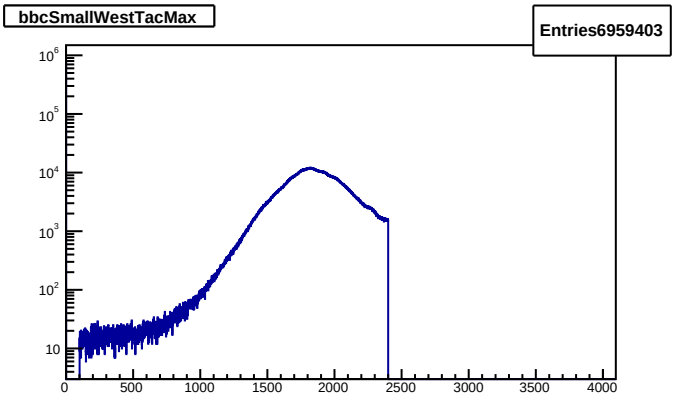

bbcSmallEastAdcSumVsSimu
Entries 4471655
Data
Simu

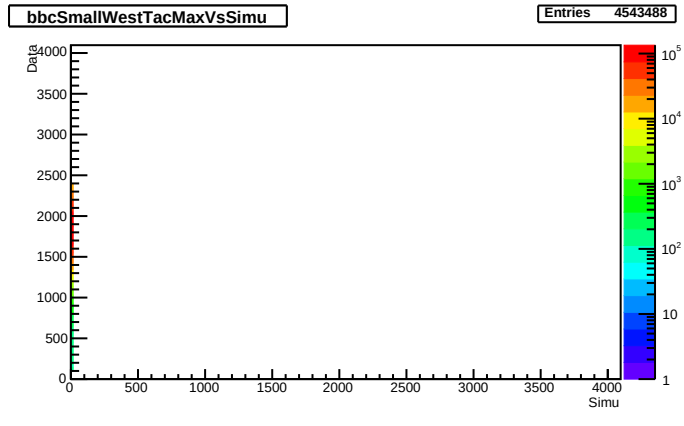

bbcSmallEastTacMax
Entries6959403

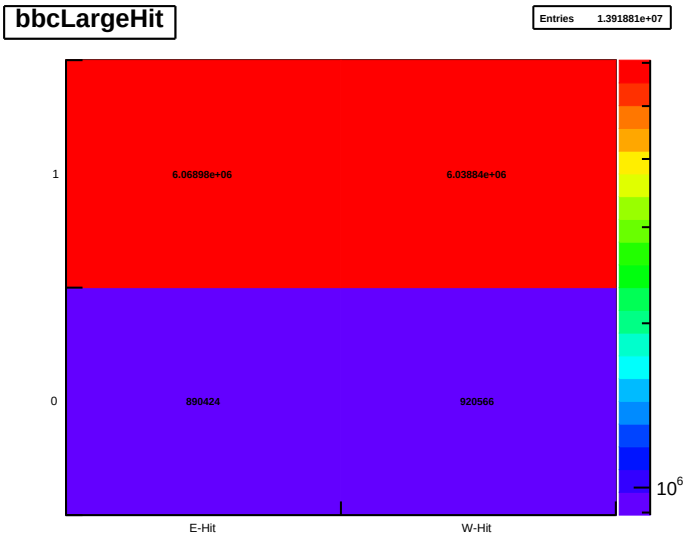

bbcSmallEastTacMaxVsSimu
Entries 4471655
Data
Simu

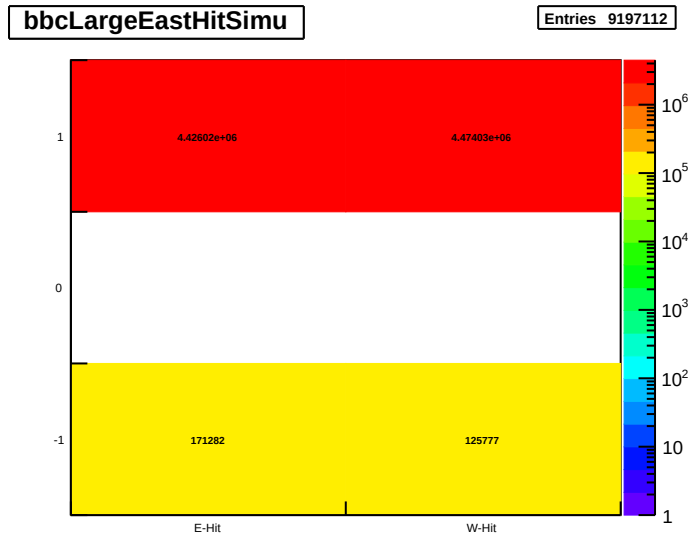

bbcSmallWestAdcSum
Entries6959403

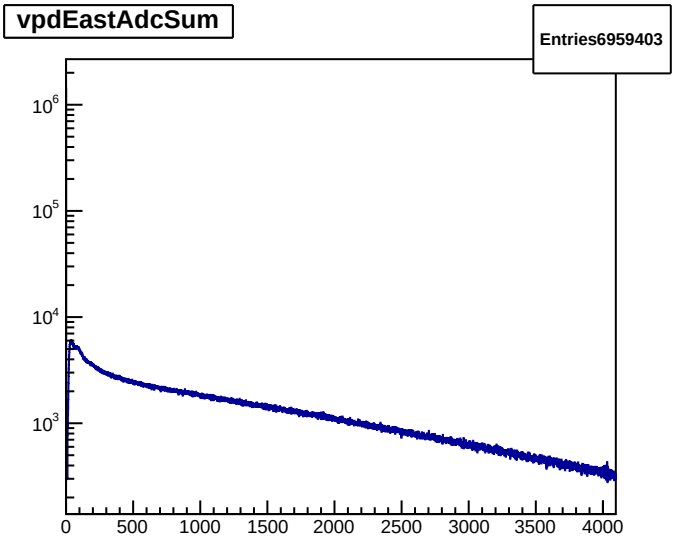

bbcSmallWestAdcSumVsSimu
Entries 4543488
Data
Simu

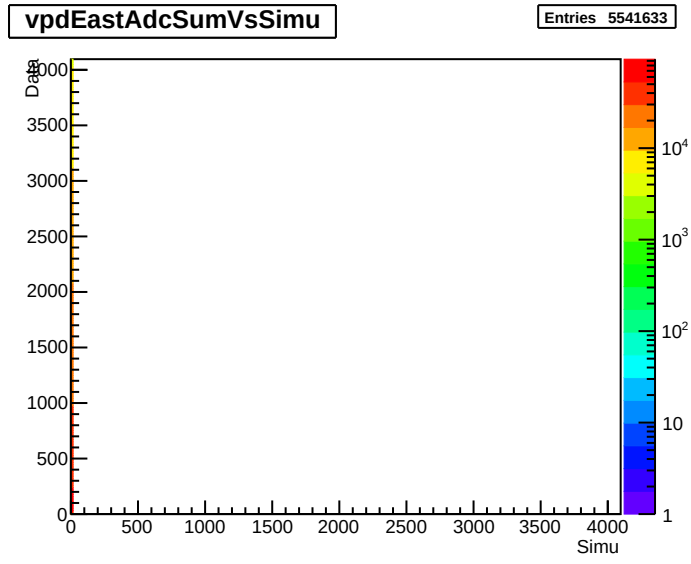

bbcSmallWestTacMax
Entries6959403

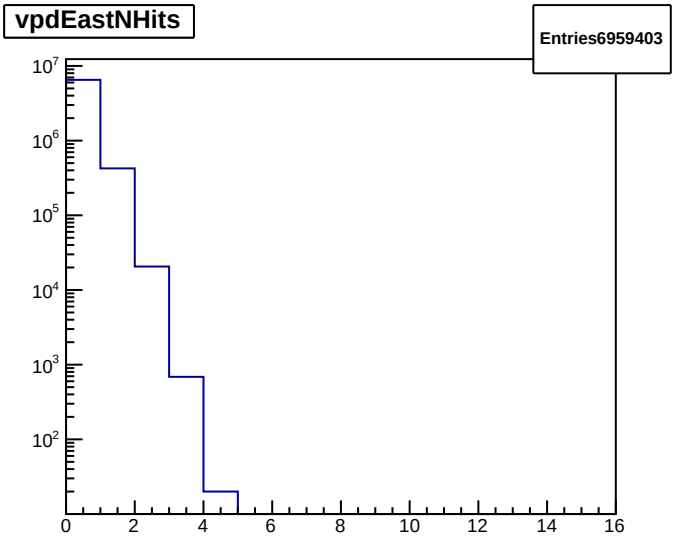

bbcSmallWestTacMaxVsSimu
Entries 4543488
Data
Simu

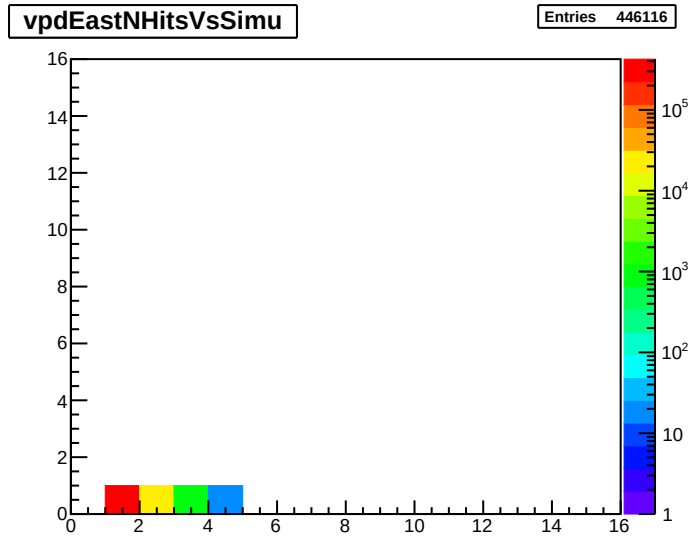

bbcLargeHit
Entries 1.391881e+07
1
0
6.06898e+06
6.03884e+06
890424
920566
E-Hit
W-Hit
10^6

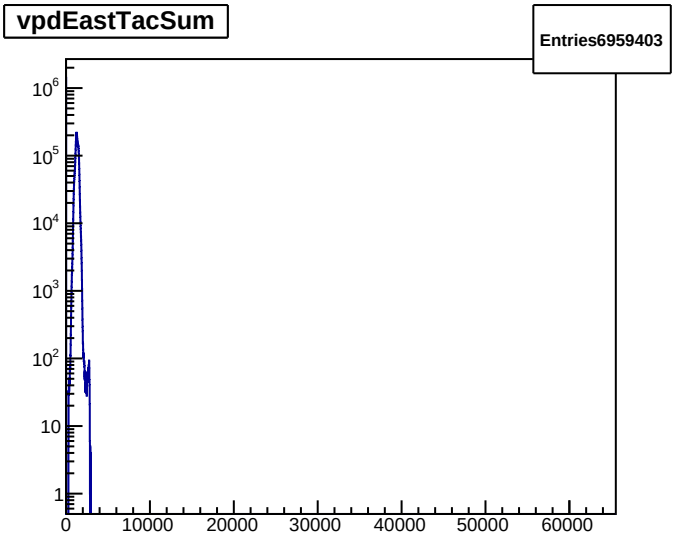

bbcLargeEastHitSimu
Entries 9197112
1
0
-1
4.42602e+06
4.47403e+06
171282
125777
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

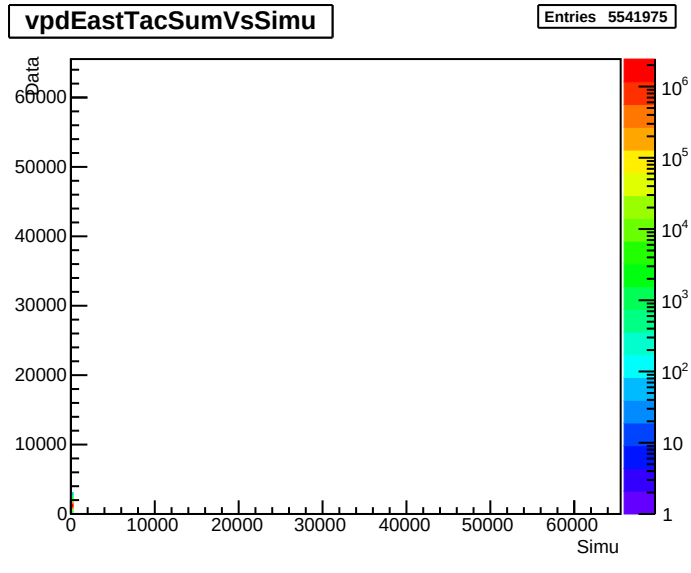

vpdEastAdcSum
Entries6959403

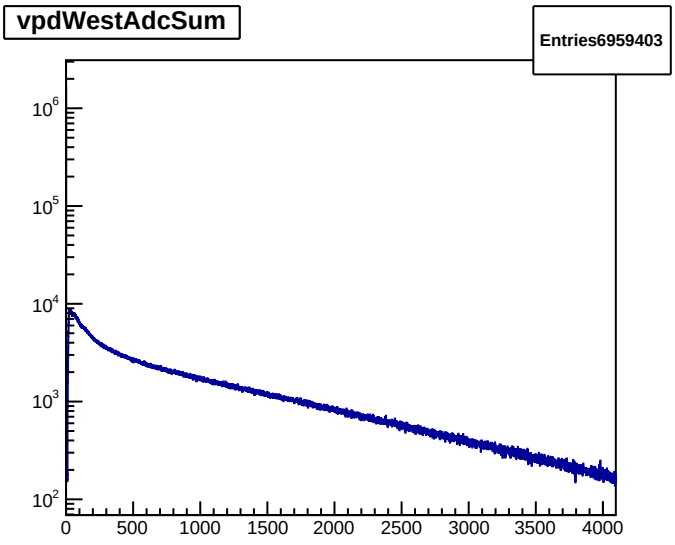

vpdEastAdcSumVsSimu
Entries 5541633
Data
Simu

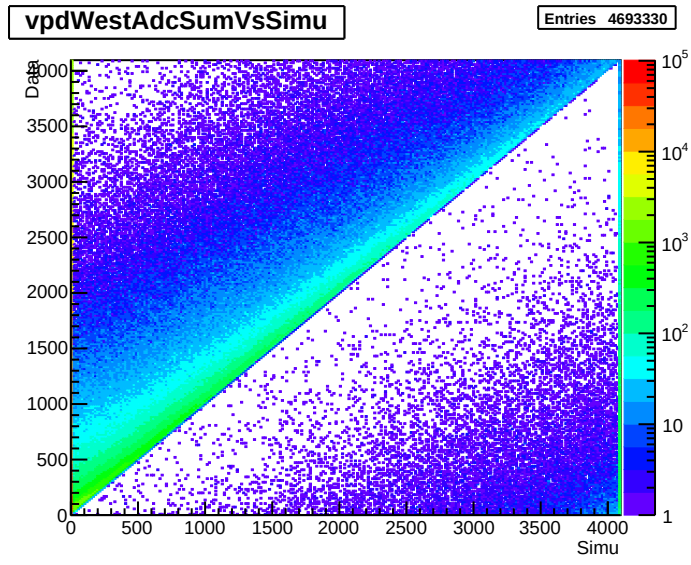

vpdEastNHits
Entries6959403

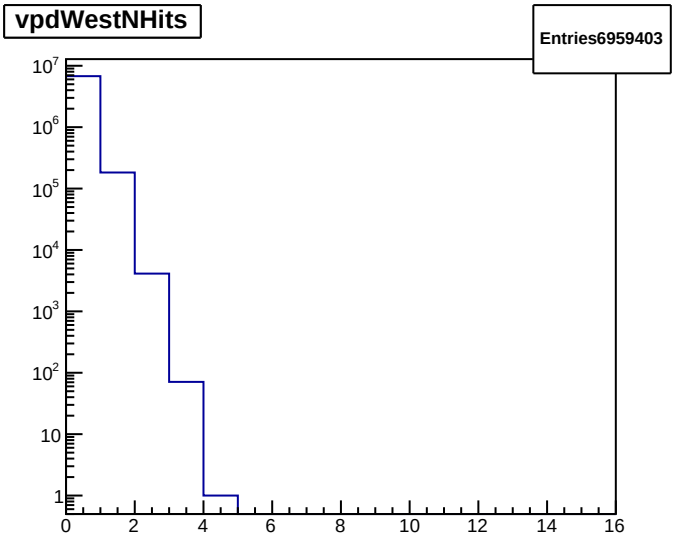

vpdEastNHitsVsSimu
Entries 446116

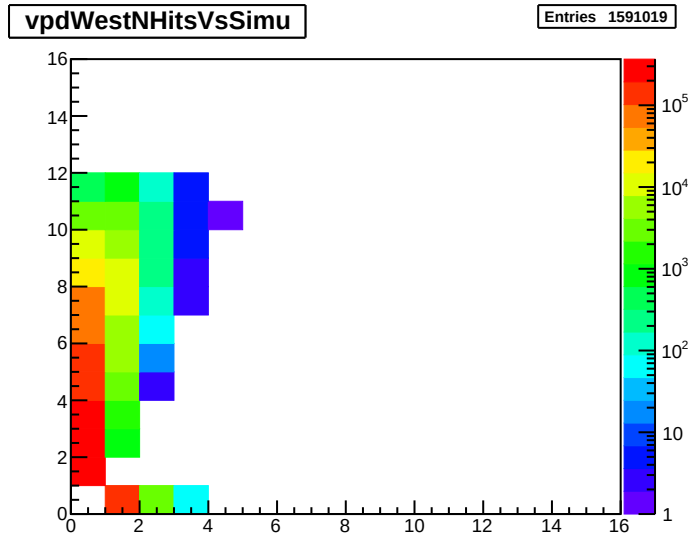

vpdEastTacSum
Entries6959403

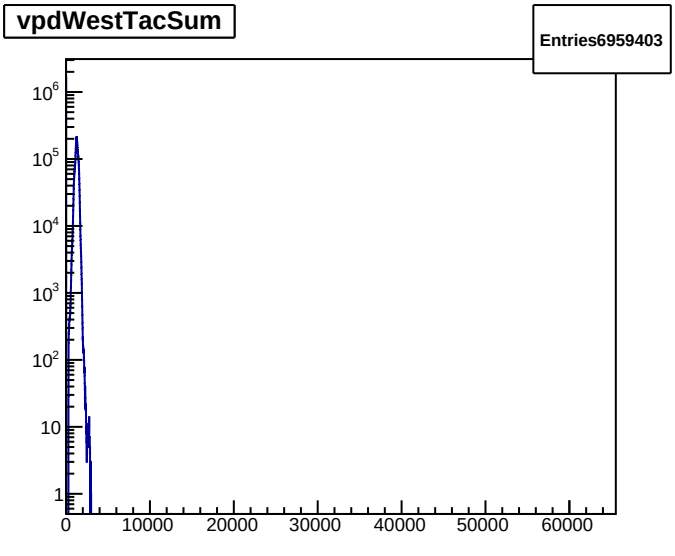

vpdEastTacSumVsSimu
Entries 5541975
Data
Simu

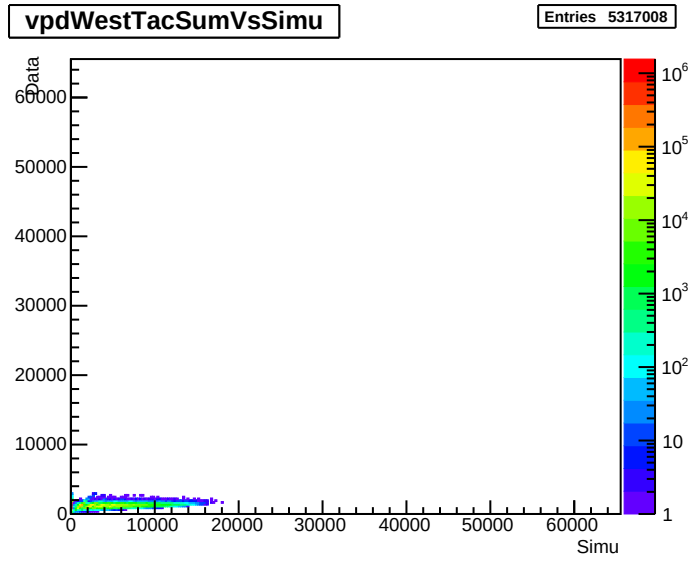

vpdWestAdcSum
Entries6959403

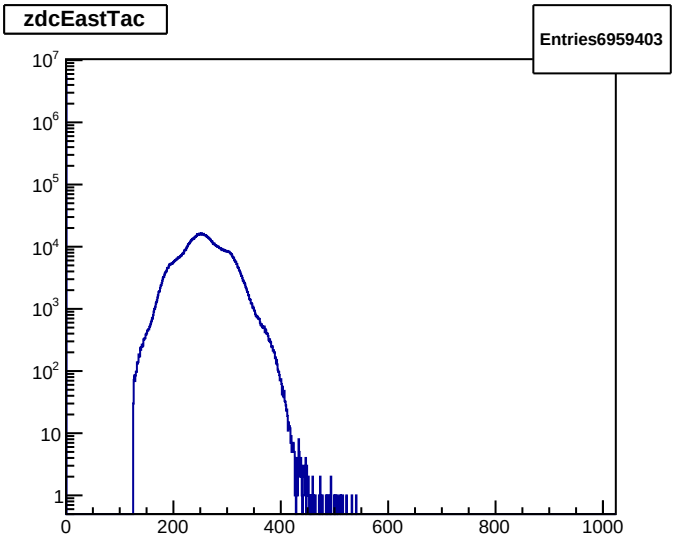

vpdWestAdcSumVsSimu
Entries 4693330
Data
Simu

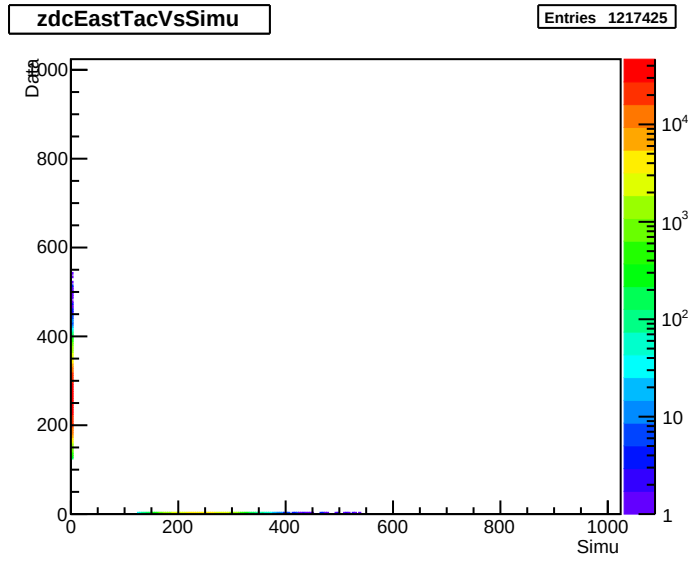

vpdWestNHits
Entries6959403

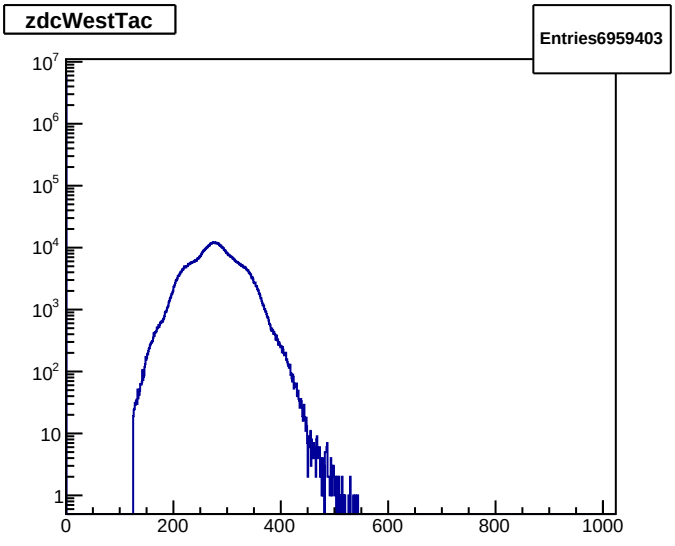

vpdWestNHitsVsSimu
Entries 1591019

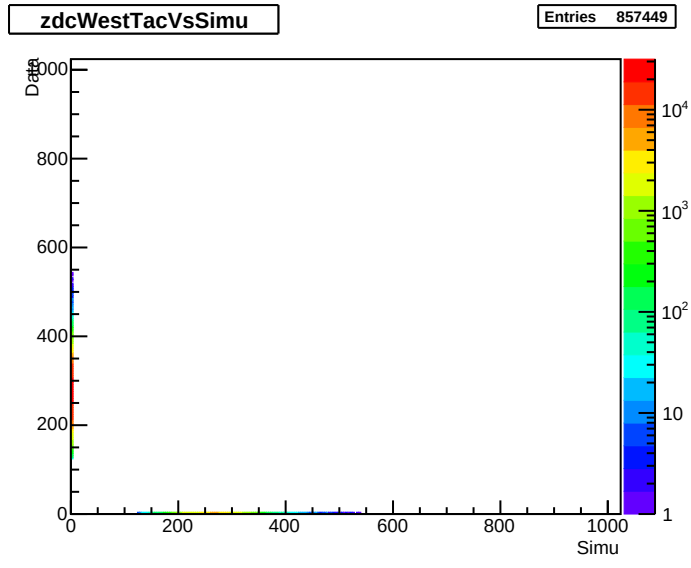

vpdWestTacSum
Entries6959403

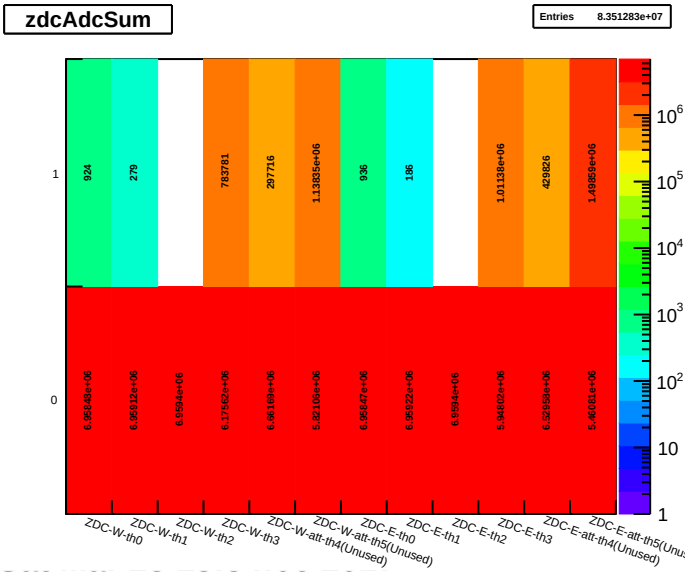

vpdWestTacSumVsSimu
Entries 5317008
Data
Simu

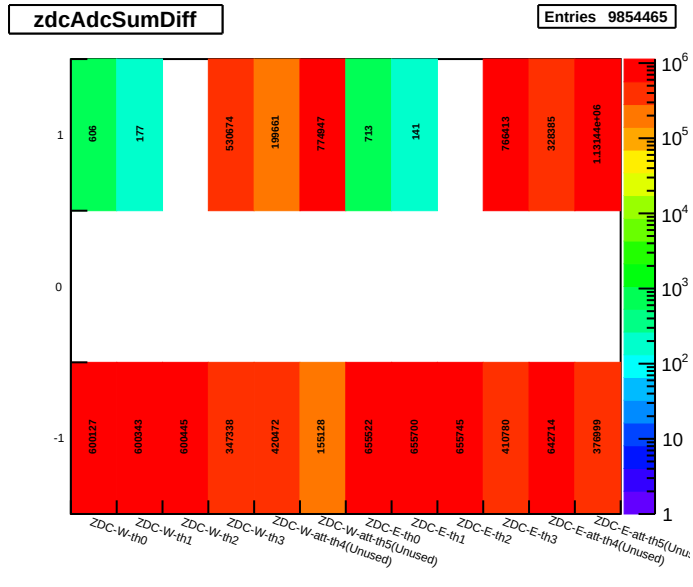

zdcEastTac
Entries6959403

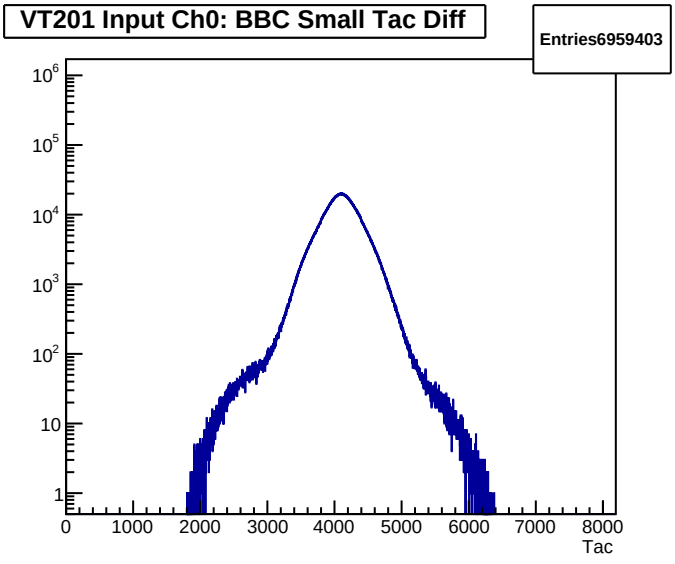

zdcEastTacVsSimu
Entries 1217425
Data
Simu

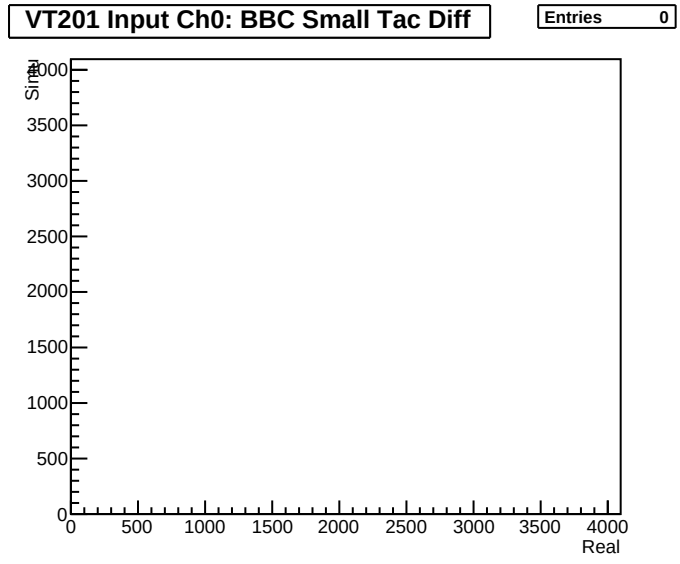

zdcWestTac
Entries6959403

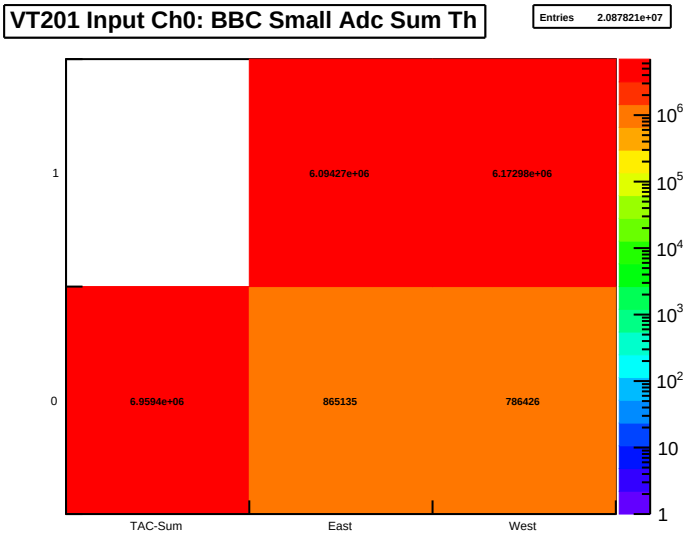

zdcWestTacVsSimu
Entries 857449
Data
Simu

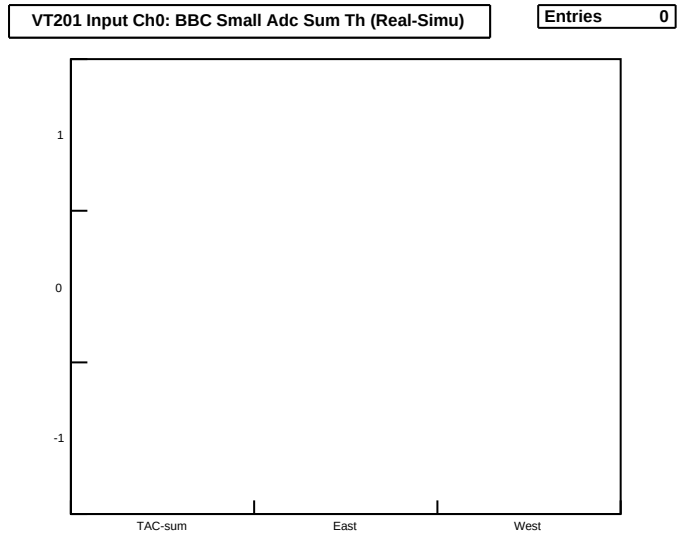

zdcAdcSum
Entries 8.351283e+07
924
279
783781
297716
1.13835e+06
936
186
1.01138e+06
429826
1.49859e+06
6.95846e+06
6.95912e+06
6.9594e+06
6.17562e+06
6.66169e+06
5.82106e+06
6.95847e+06
6.95922e+06
6.9594e+06
5.94002e+06
6.52958e+06
5.46081e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

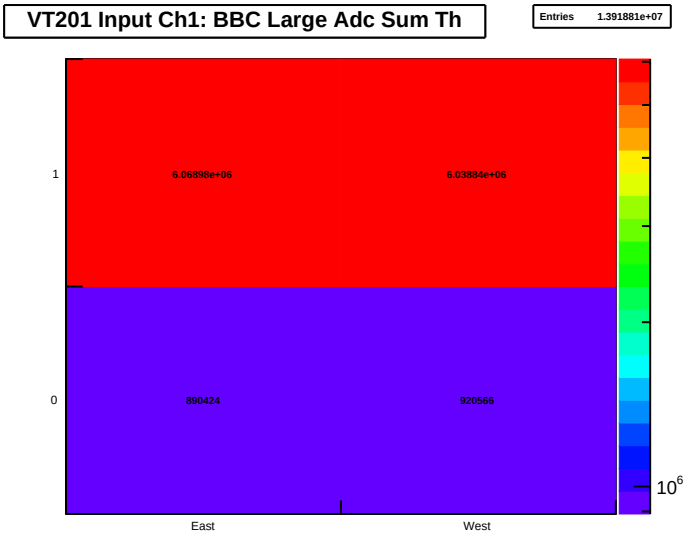

zdcAdcSumDiff
Entries 9854465
606
177
530674
199661
774947
713
141
766413
328385
1.13144e+06
600127
600343
600445
347338
420472
155128
655522
655700
655745
410780
642714
376999
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

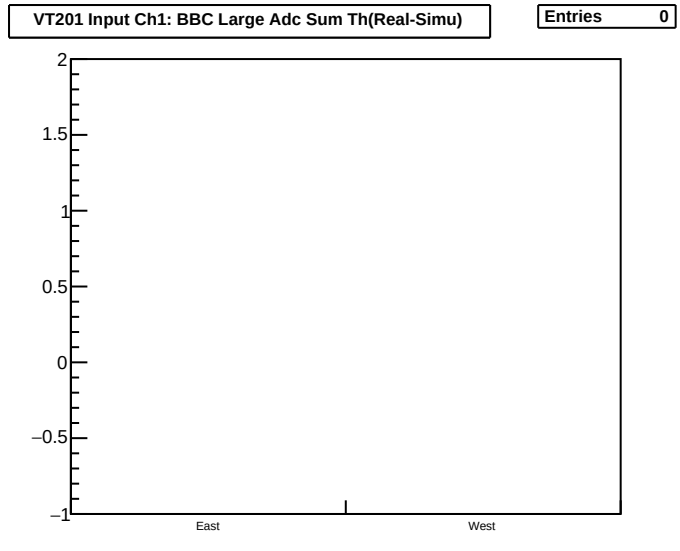

VT201 Input Ch0: BBC Small Tac Diff
Entries6959403
Tac


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

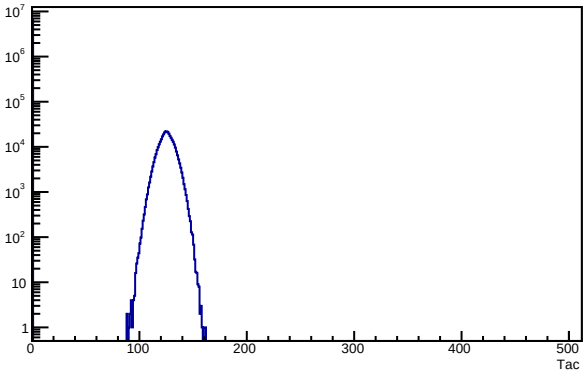

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.087821e+07
6.09427e+06
6.17298e+06
6.9594e+06
865135
786426
TAC-Sum
East
West


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

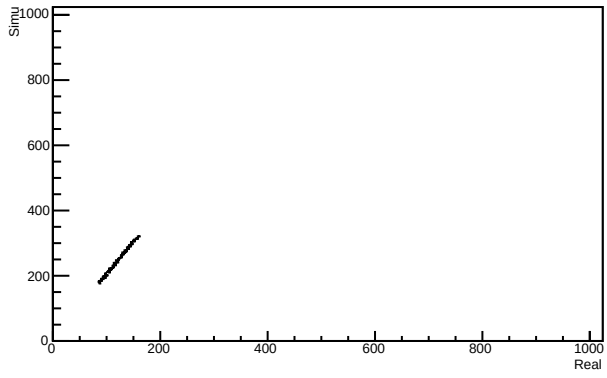

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.391881e+07
6.06898e+06
6.03884e+06
890424
920566
East
West


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

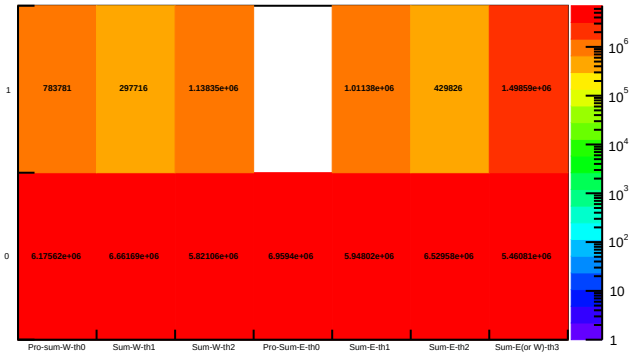
VT201 Input Ch2: ZDC Tac Diff



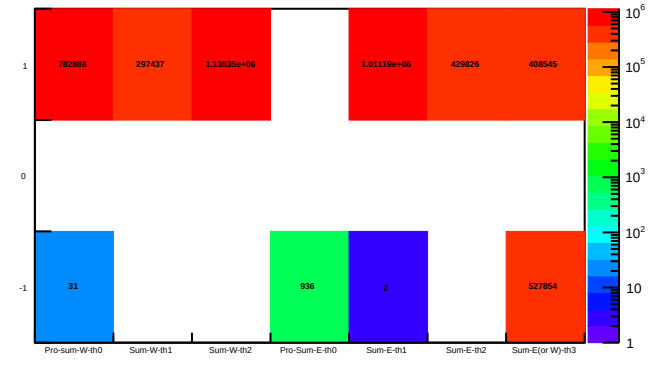
VT201 Input Ch2: ZDC Tac Diff



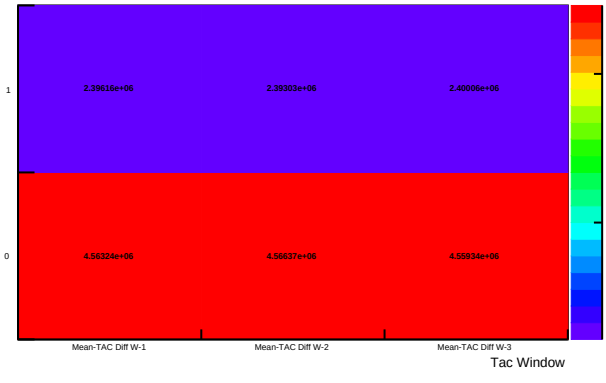
VT201 Input Ch2: ZDC Adc Sum Th



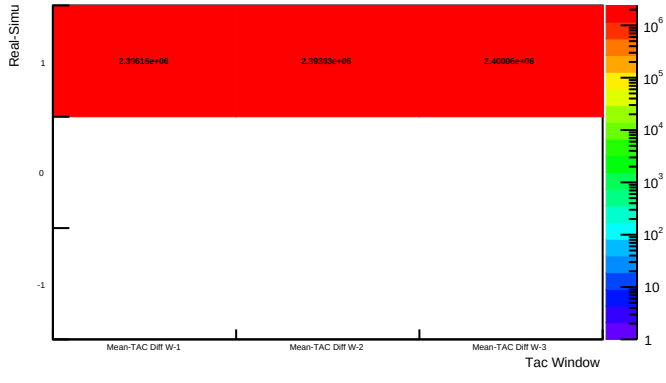
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



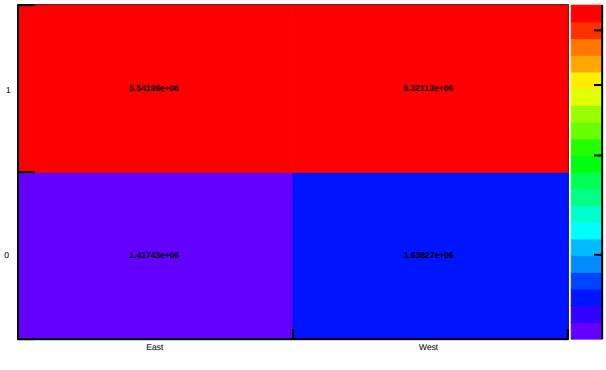
VT201 Input Ch4: VPD Tac Diff



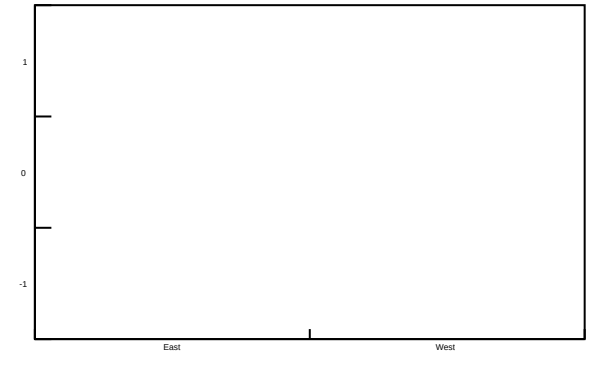
VT201 Input Ch4: VPD Tac Diff

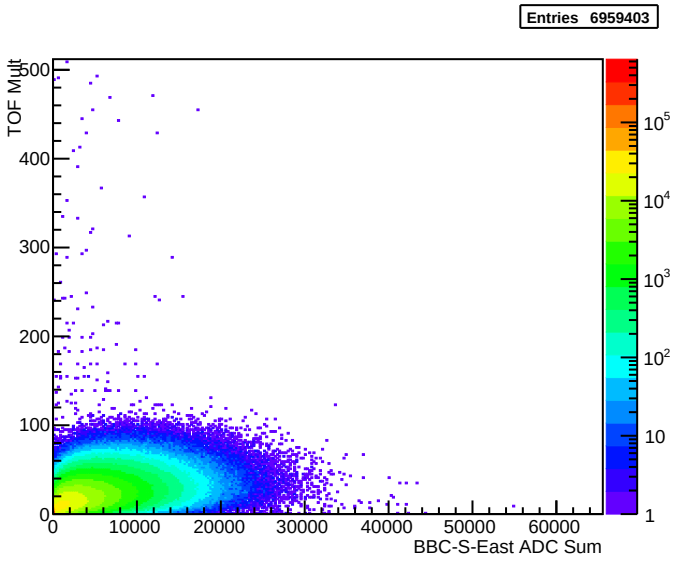


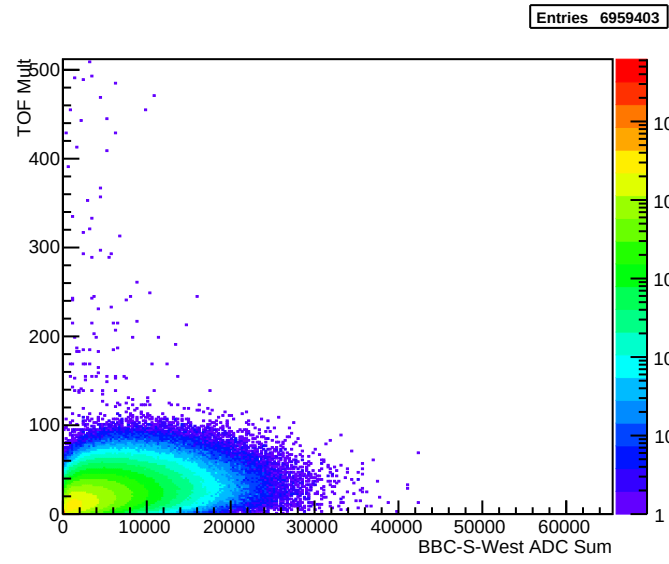
VT201 Input Ch4: VPD Adc Sum Th

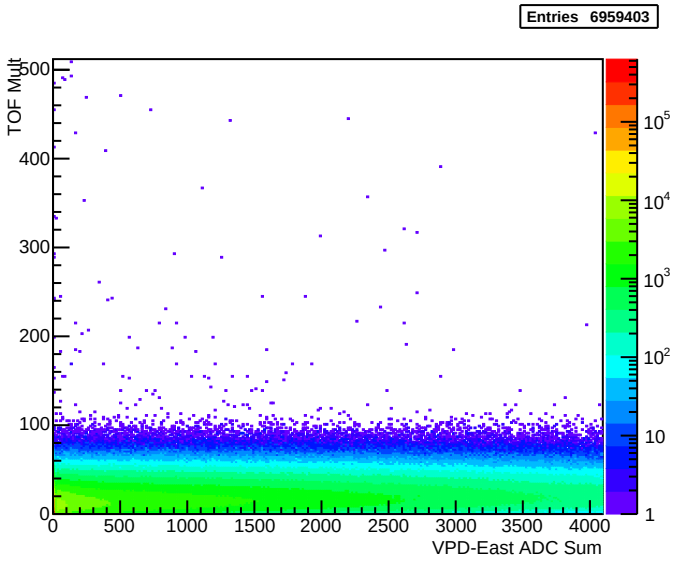


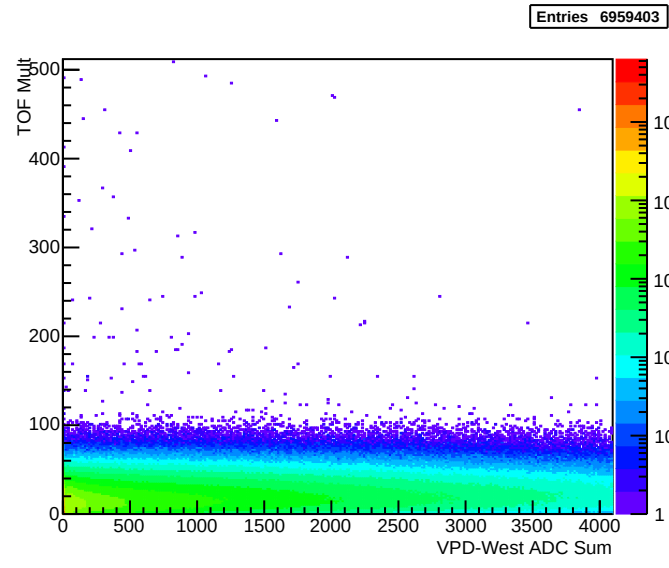
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

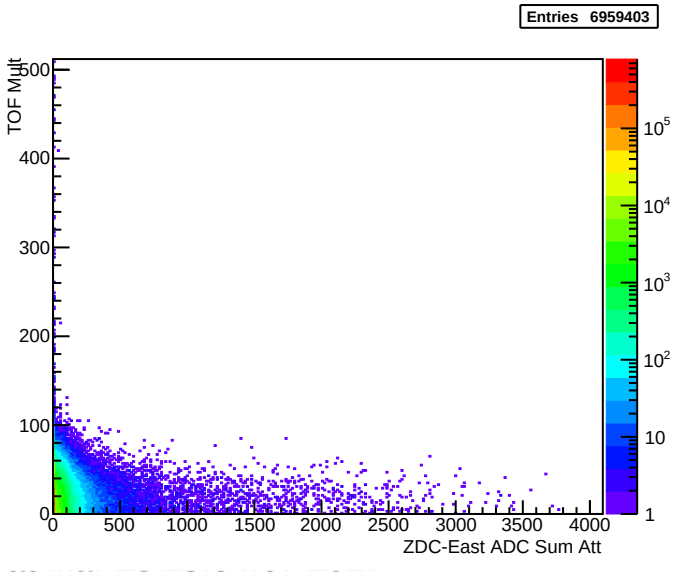


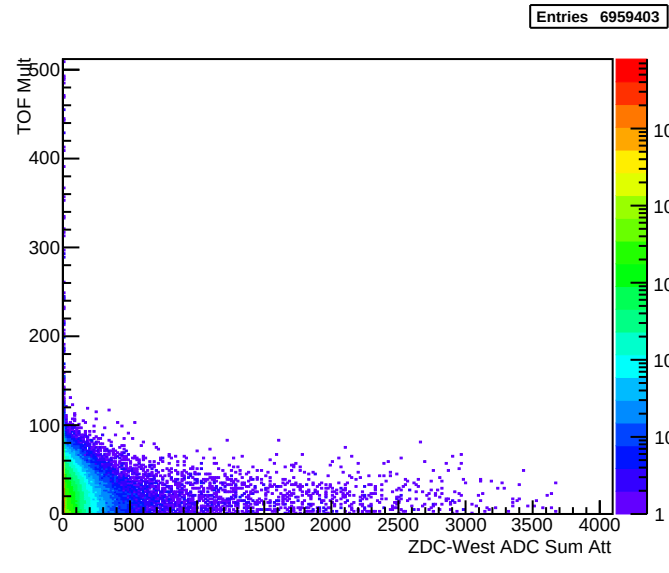

Entries 6959403
TOF Mult
BBC-S-East ADC Sum

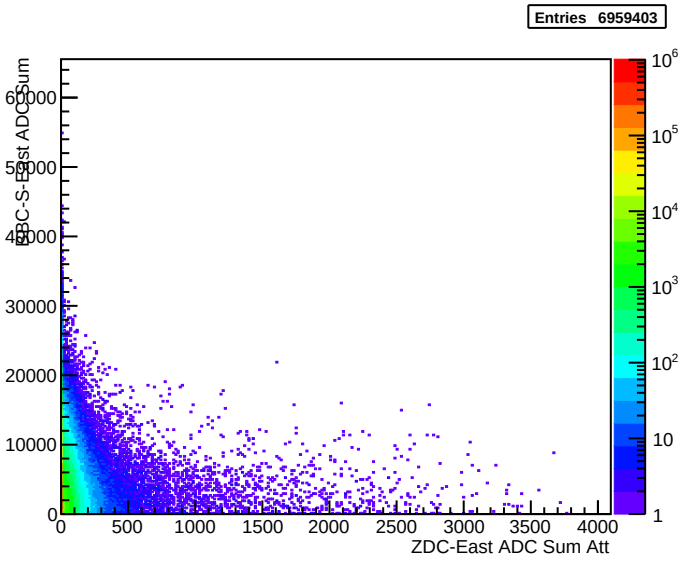

Entries 6959403
TOF Mult
BBC-S-West ADC Sum

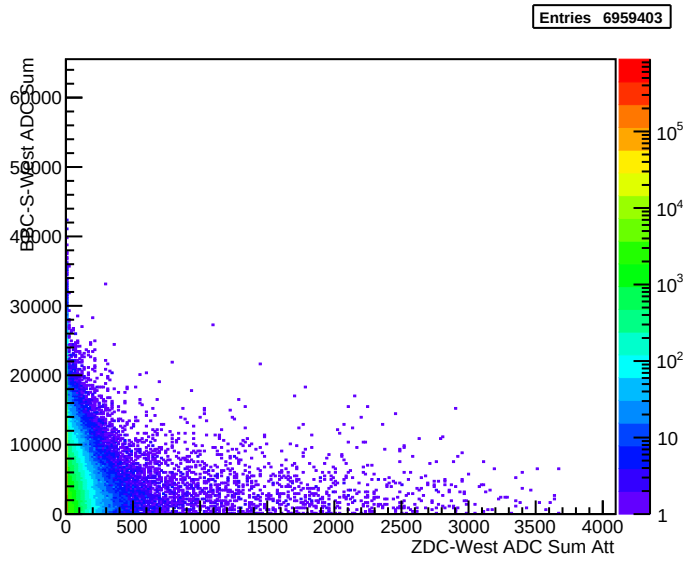

Entries 6959403
TOF Mult
VPD-East ADC Sum

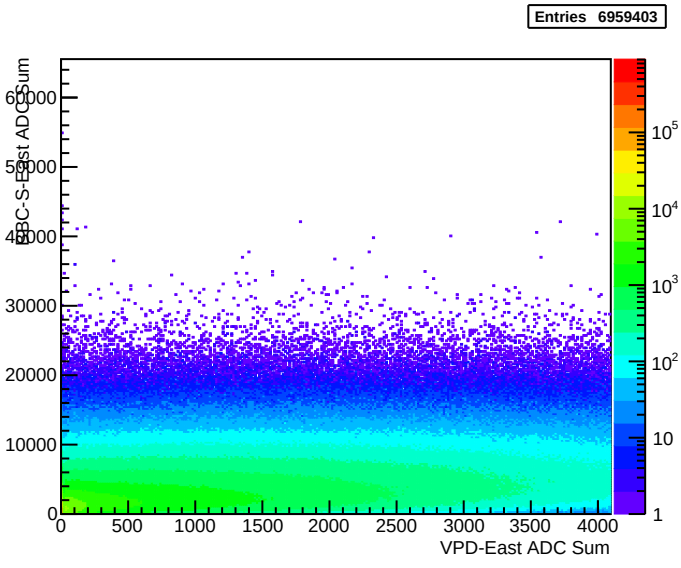

Entries 6959403
TOF Mult
VPD-West ADC Sum

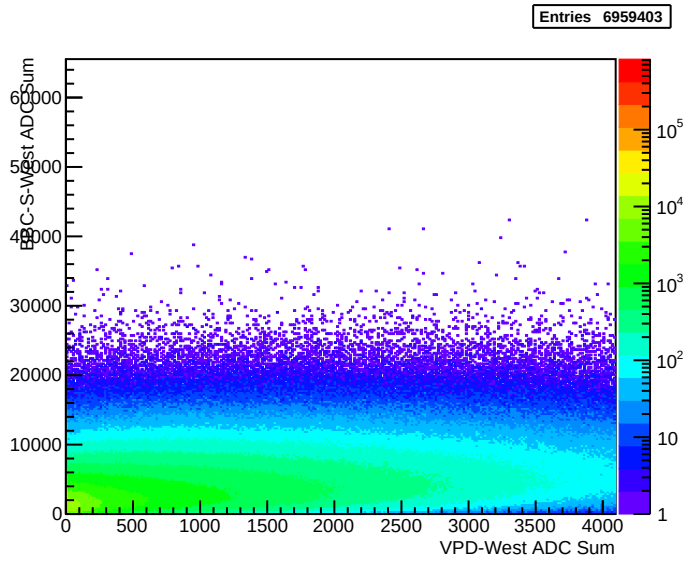

Entries 6959403
TOF Mult
ZDC-East ADC Sum Att

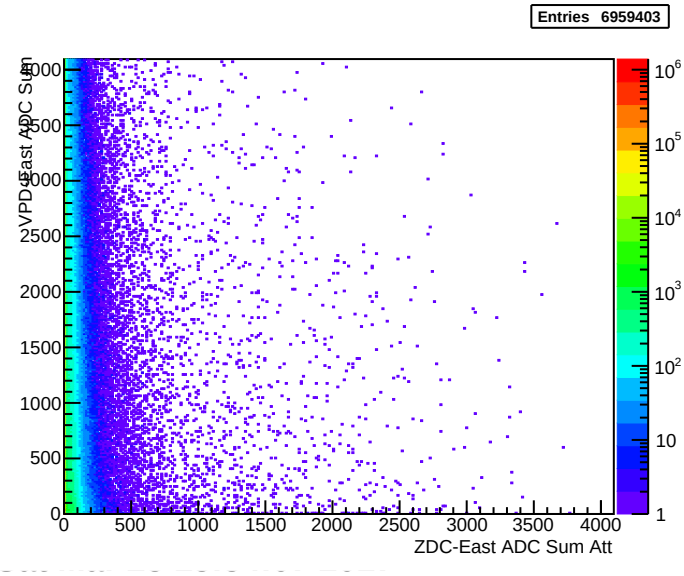

Entries 6959403
TOF Mult
ZDC-West ADC Sum Att

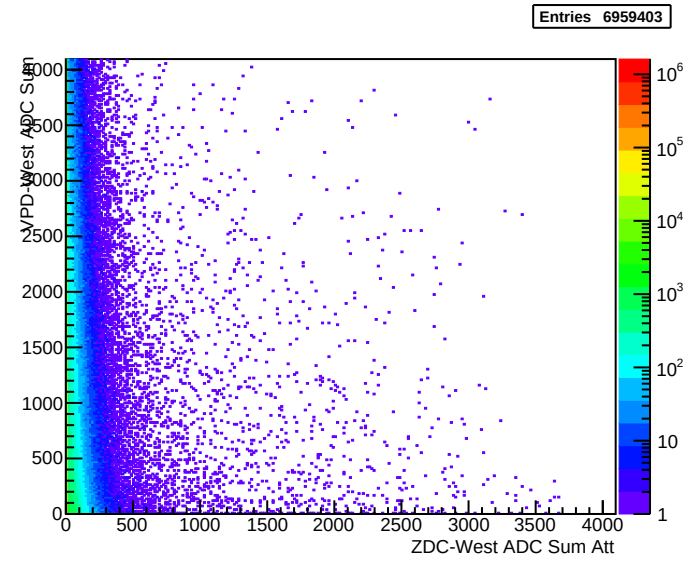

Entries 6959403
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

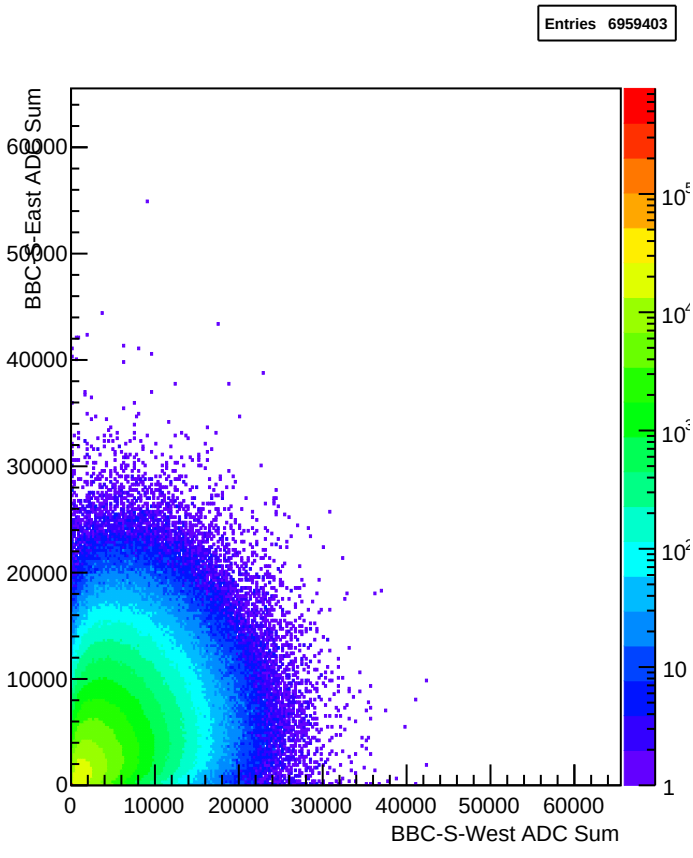

Entries 6959403
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

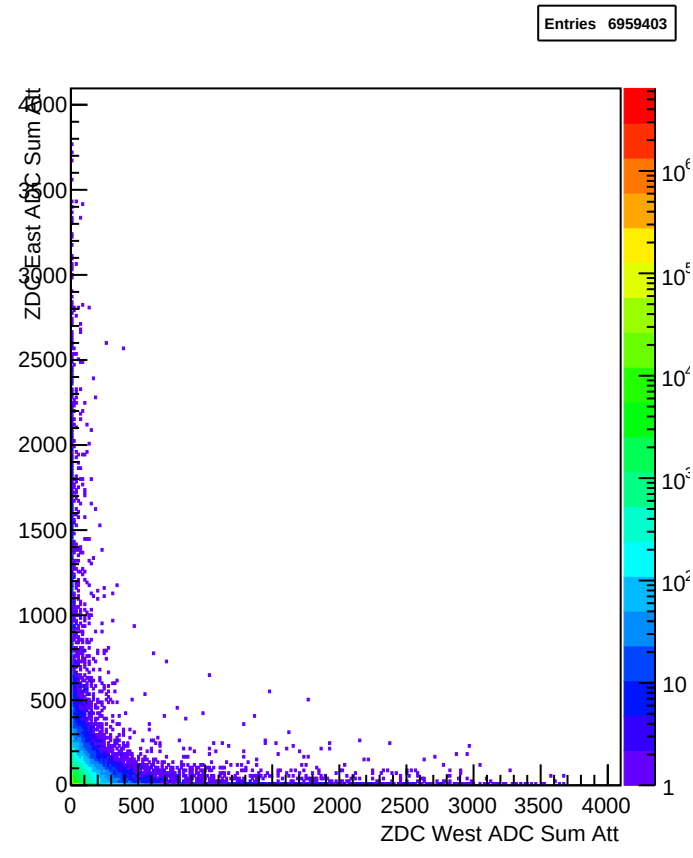

Entries 6959403
BBC-S-East ADC Sum
VPD-East ADC Sum

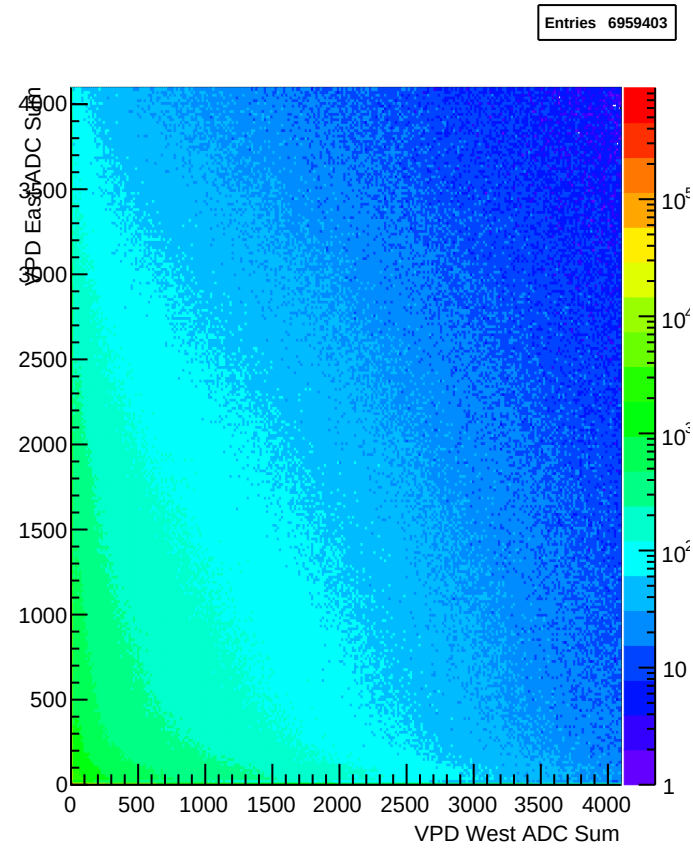

Entries 6959403
BBC-S-West ADC Sum
VPD-West ADC Sum

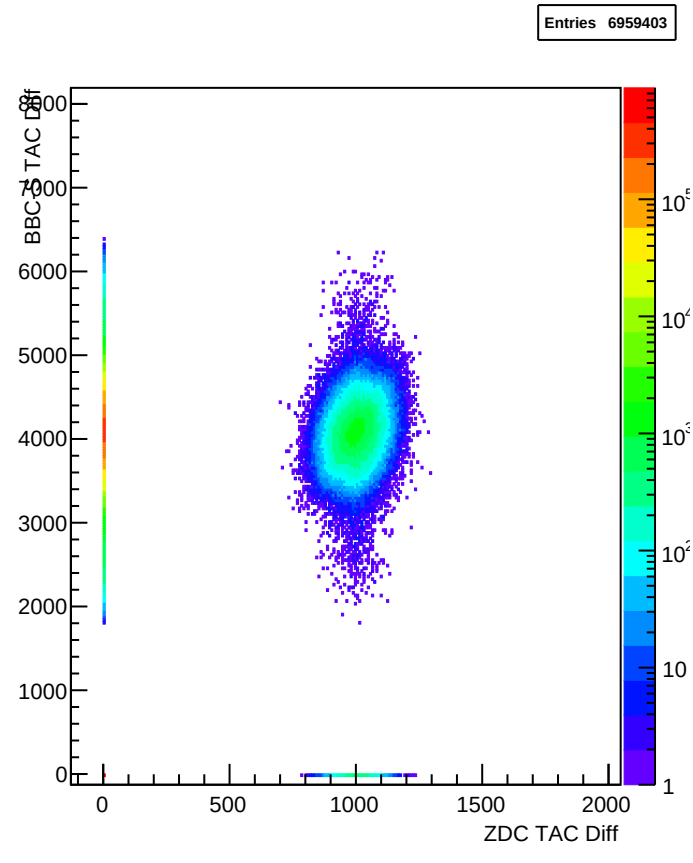

Entries 6959403
VPD-East ADC Sum
ZDC-East ADC Sum Att

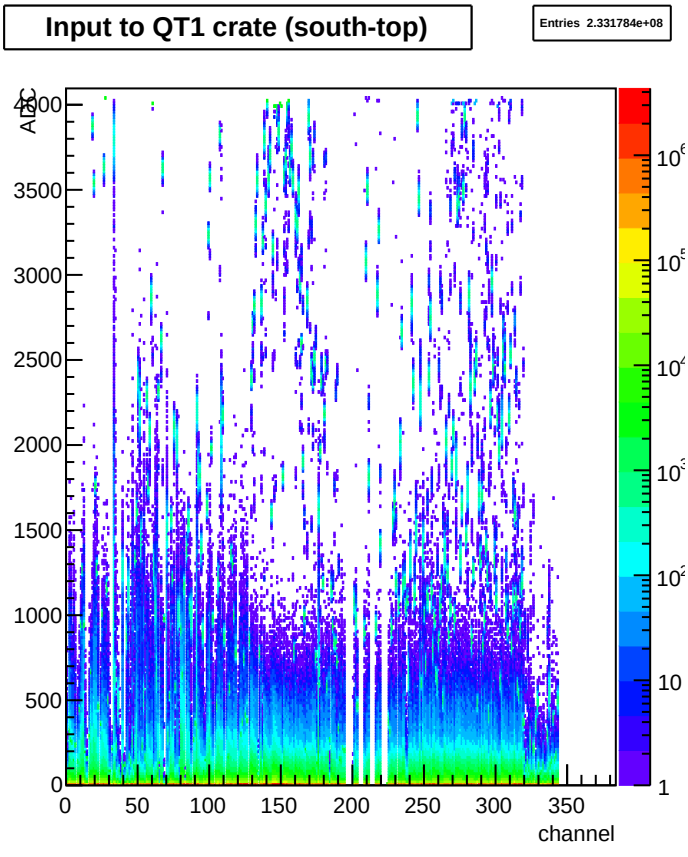

Entries 6959403
VPD-West ADC Sum
ZDC-West ADC Sum Att

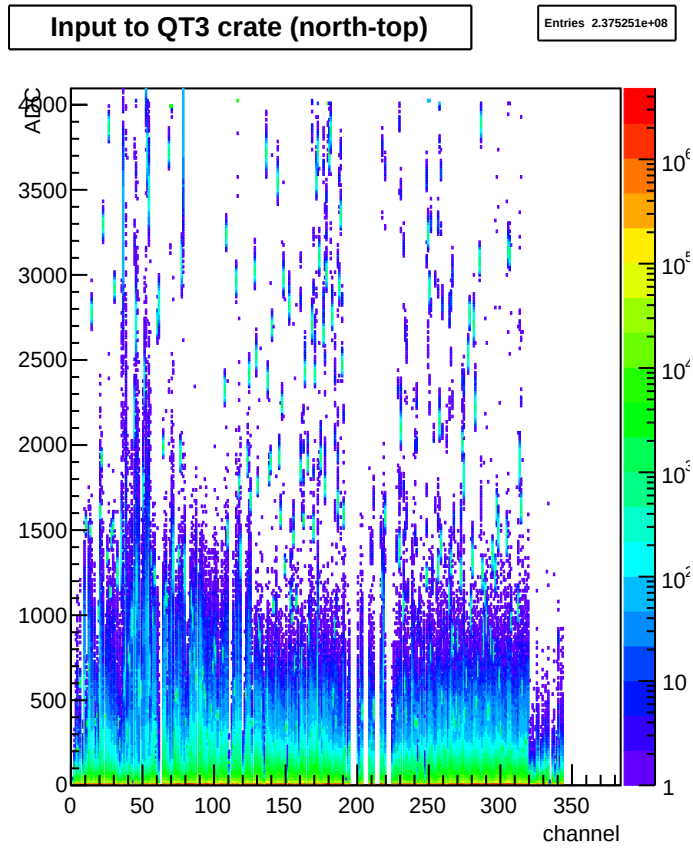

Entries 6959403
BBC-S-East ADC Sum
BBC-S-West ADC Sum

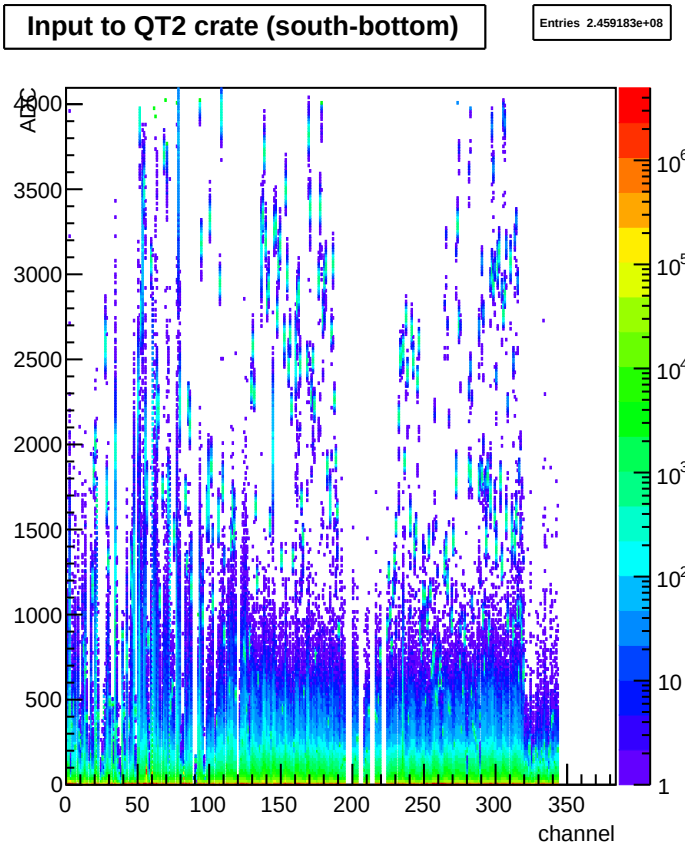

Entries 6959403
ZDC East ADC Sum Att
ZDC West ADC Sum Att

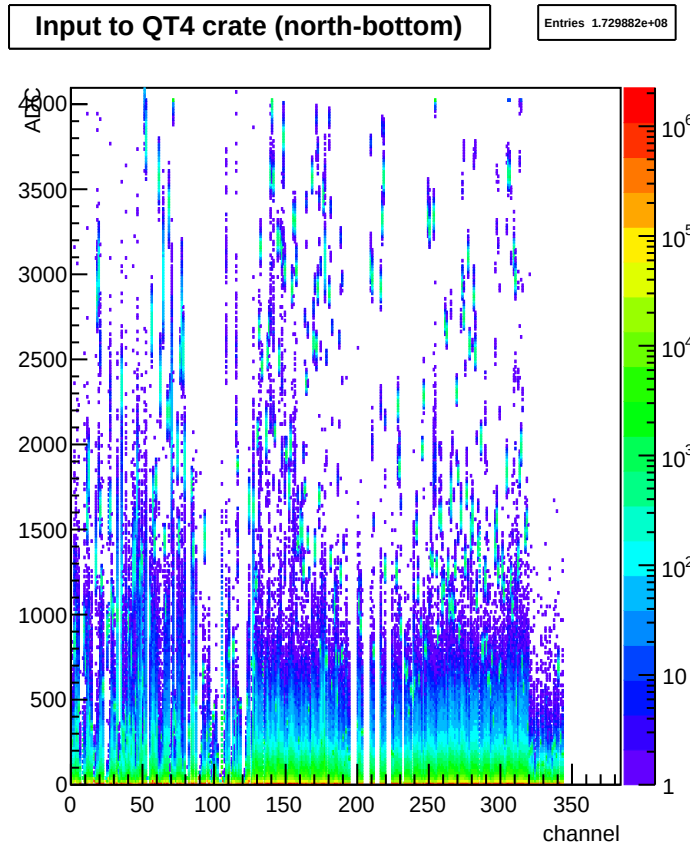

Entries 6959403
VPD East ADC Sum
VPD West ADC Sum

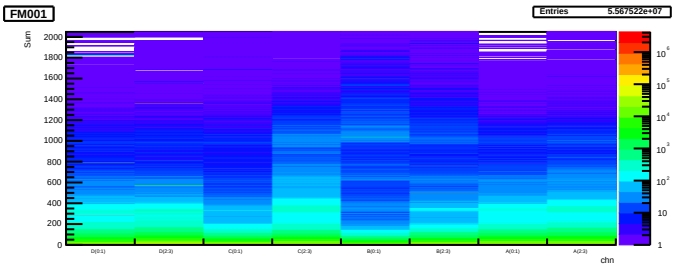

Entries 6959403
BBC-S TAC Diff
ZDC TAC Diff

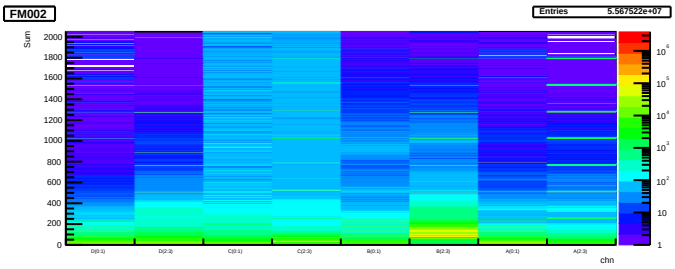

Input to QT1 crate (south-top)
Entries 2.331784e+08
ADC
channel

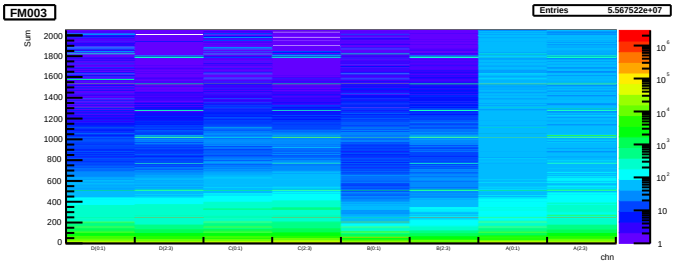

Input to QT3 crate (north-top)
Entries 2.375251e+08
ADC
channel

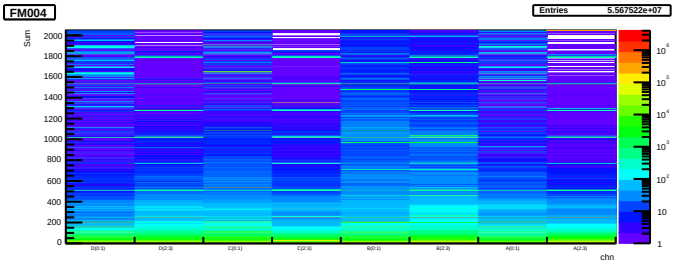

Input to QT2 crate (south-bottom)
Entries 2.459183e+08
ADC
channel

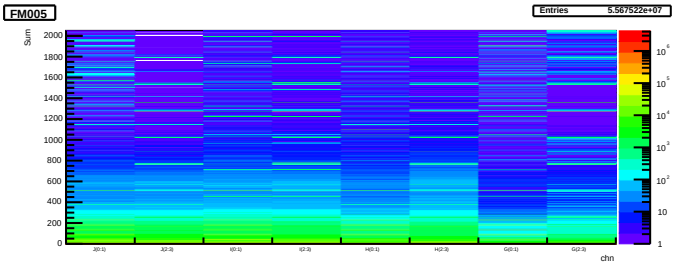

Input to QT4 crate (north-bottom)
Entries 1.729882e+08
ADC
channel

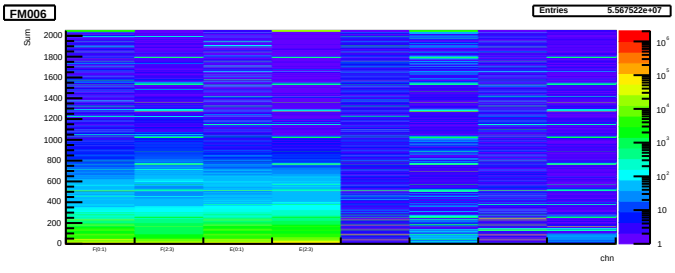

FM001
Entries 5.567522e+07
Sum
chn


FM002
Entries 5.567522e+07
Sum
chn


FM003
Entries 5.567522e+07
Sum
chn


FM004
Entries 5.567522e+07
Sum
chn


FM005
Entries 5.567522e+07
Sum
chn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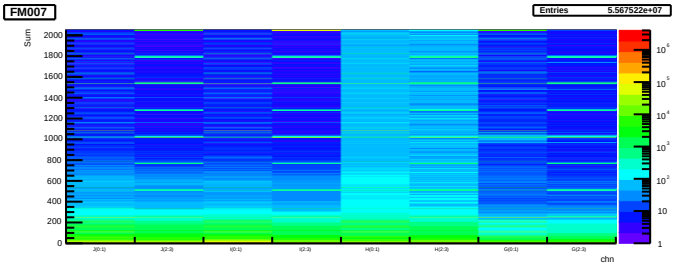
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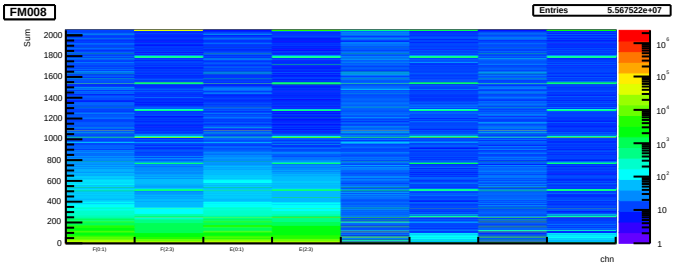
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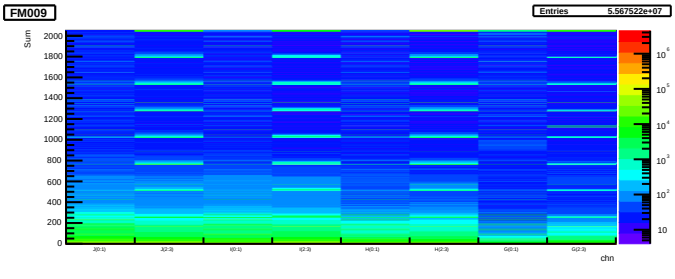
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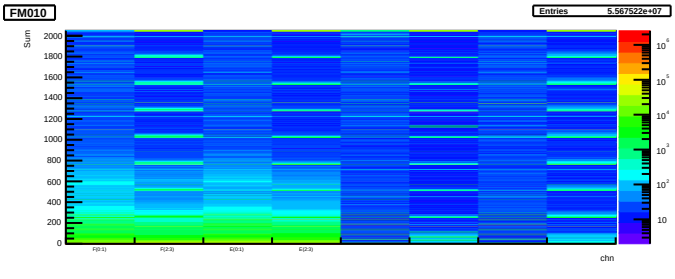
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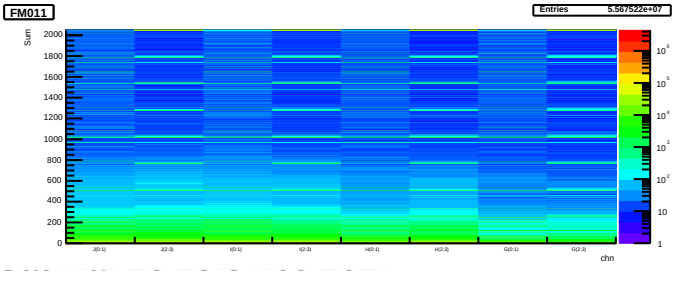
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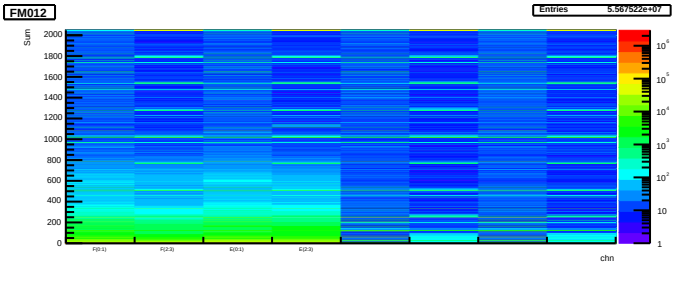
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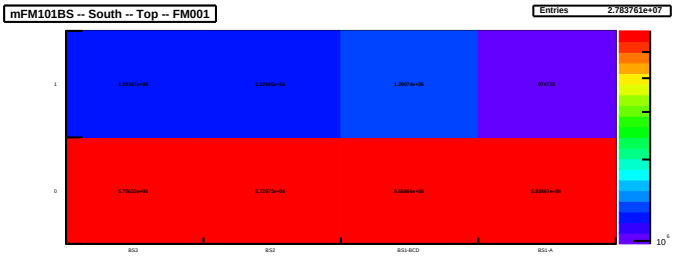
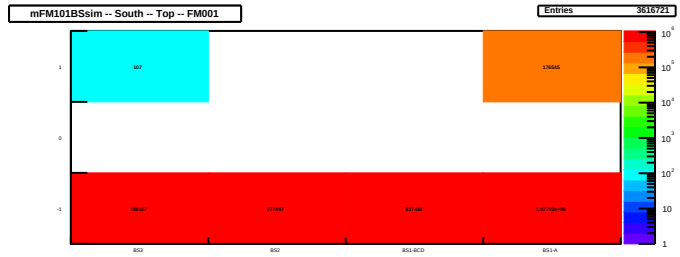

mFM101BS -- South -- Top -- FM001
Entries 2.783761e+07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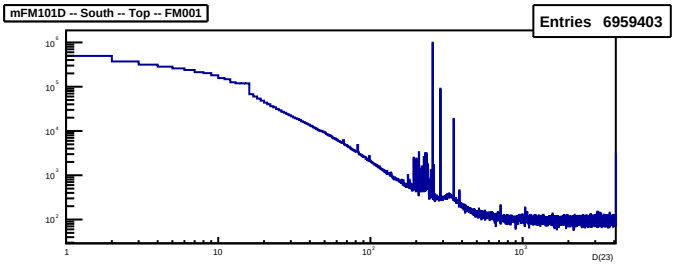
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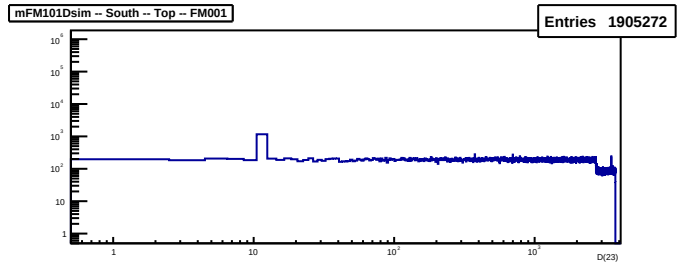
D(23)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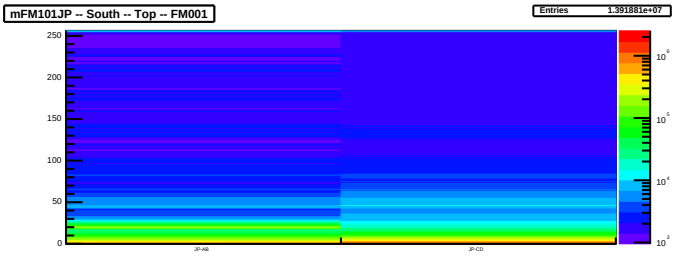
D(23)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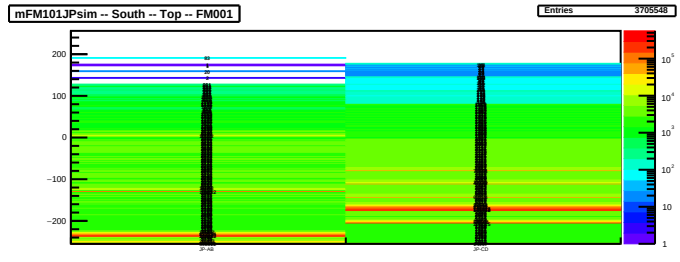
Entries 1.391881e+07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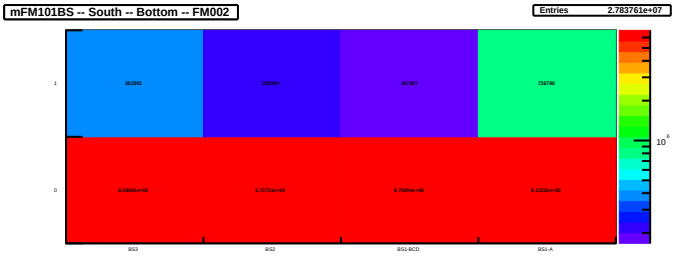
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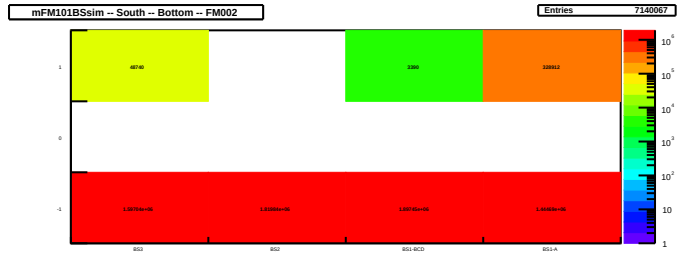
Entries 2.783761e+07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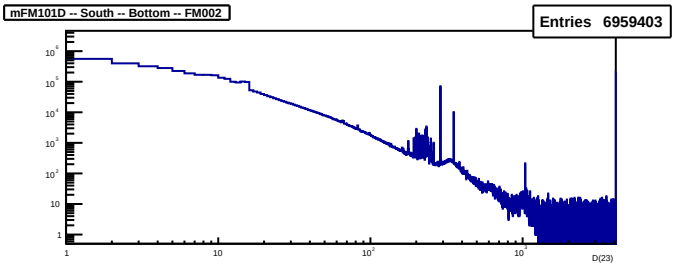
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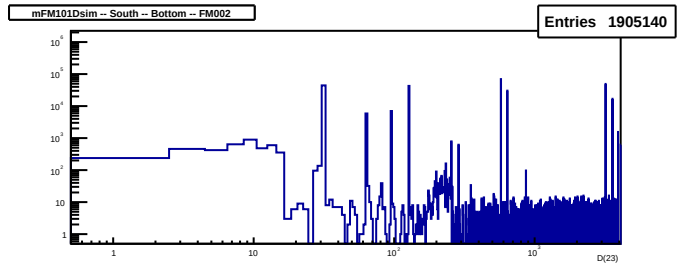
Entries 6959403
D(23)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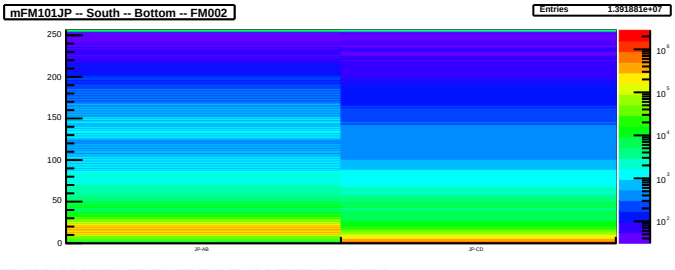
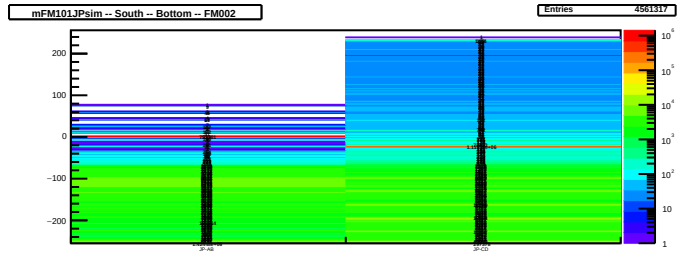
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1.391881e+07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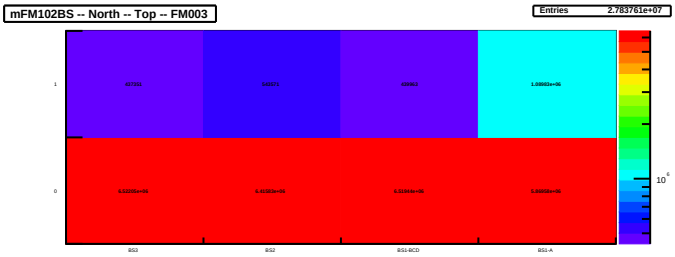
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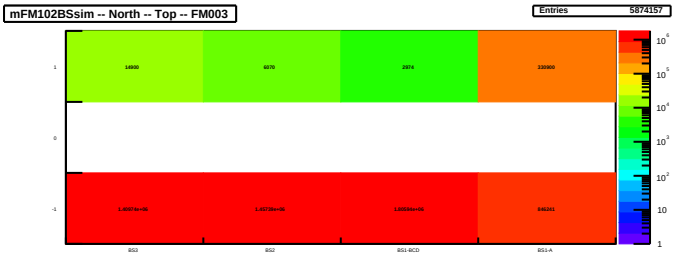
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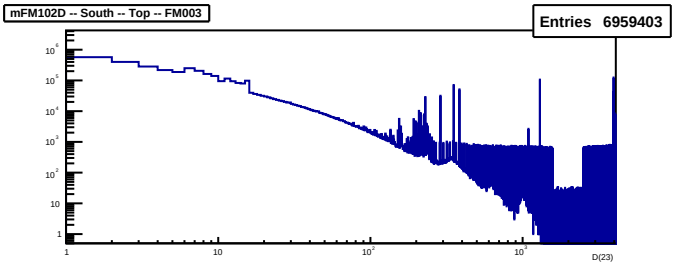
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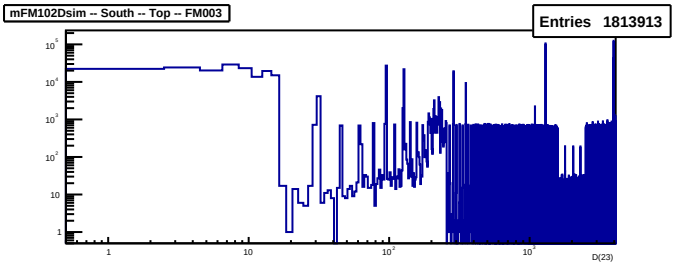
Entries 6959403
D(23)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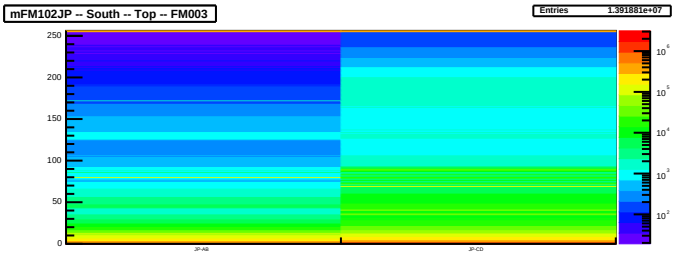
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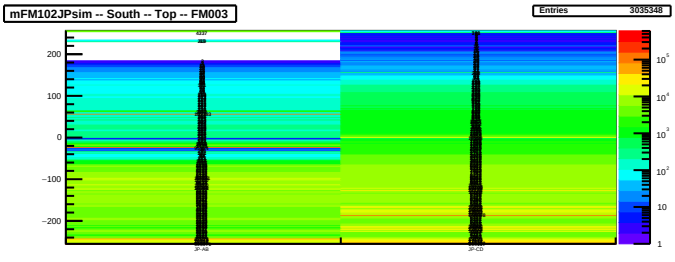
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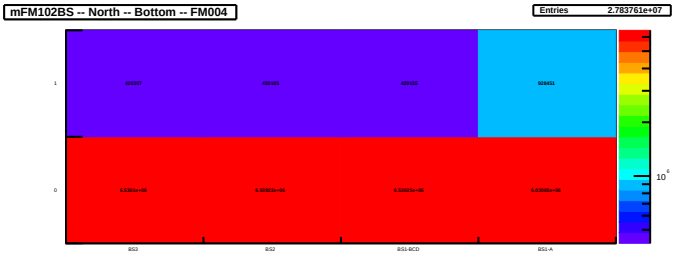
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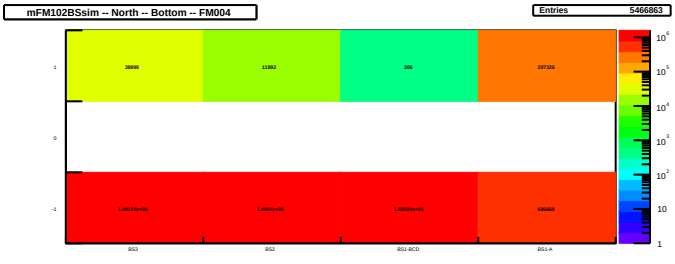
Entries 2.783761e+07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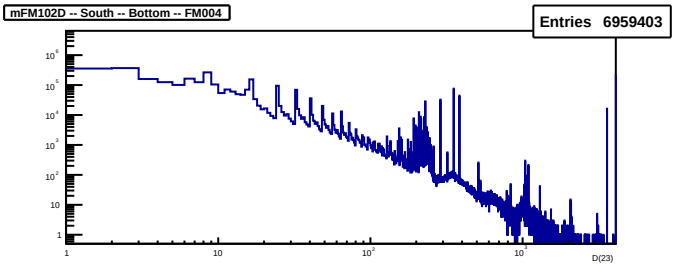
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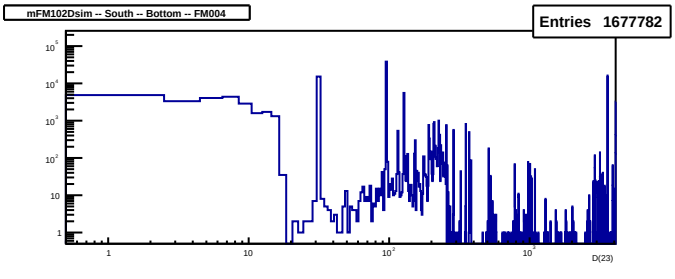
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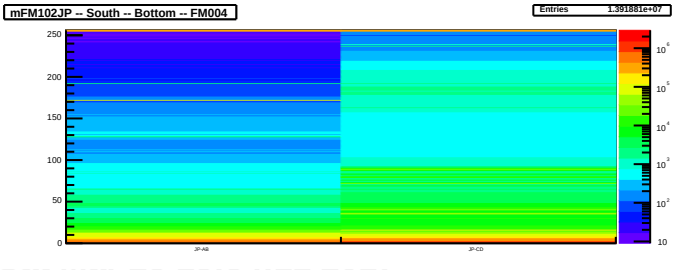
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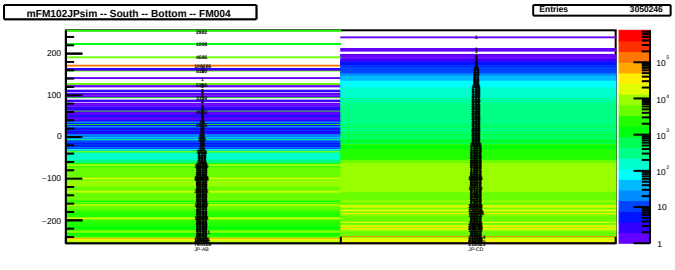
Entries 1.391881e+07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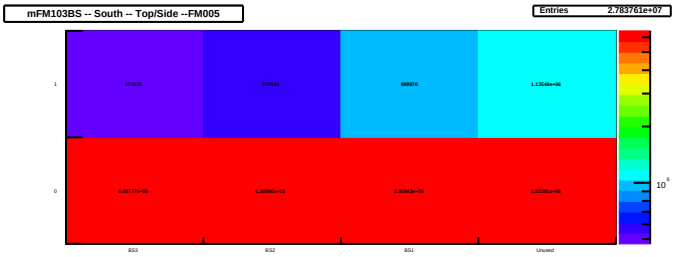
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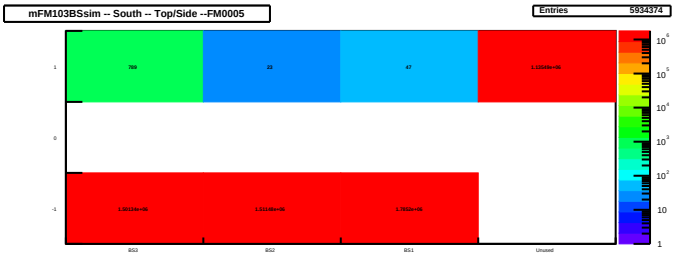
Entries 2.783761e+07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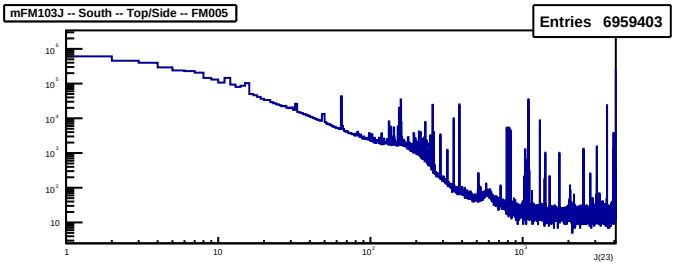
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Entries 6959403
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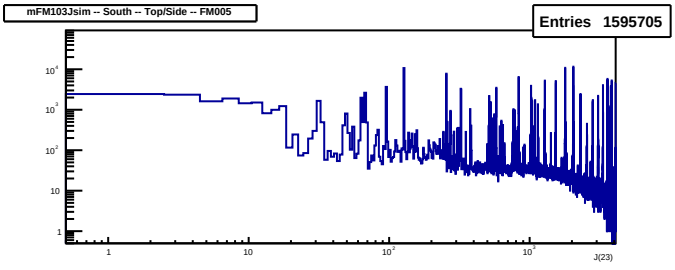
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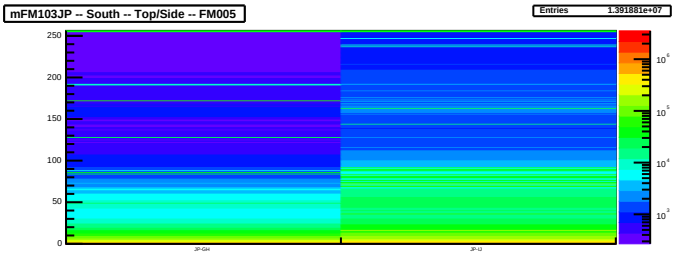
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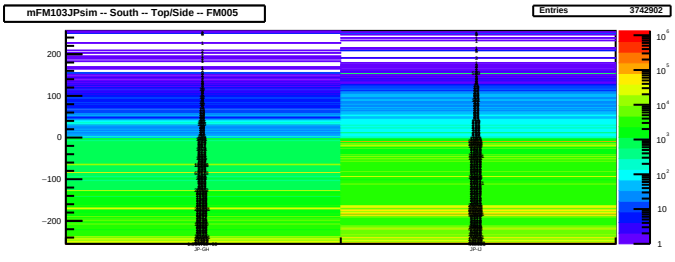
Entries 1.391881e+07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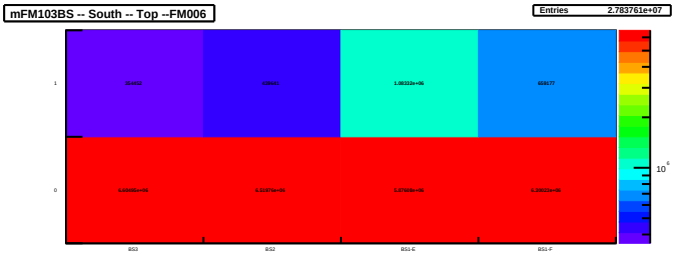
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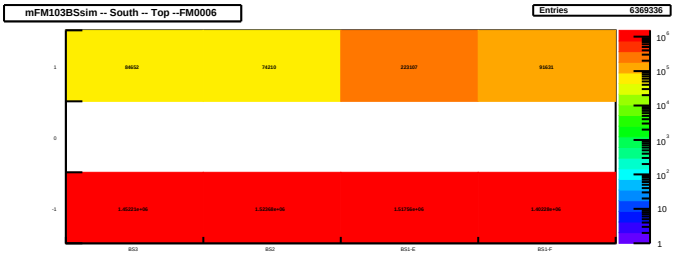
Entries 2.783761e+07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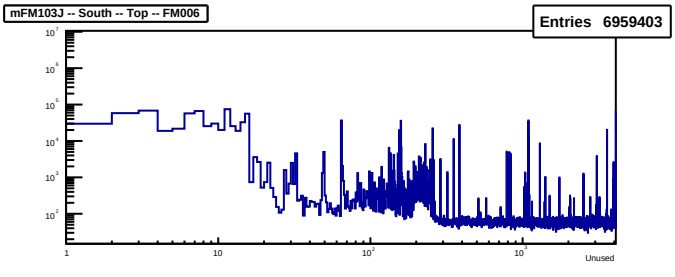
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Entries 6959403
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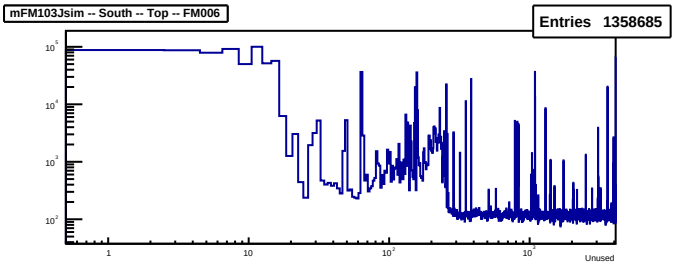
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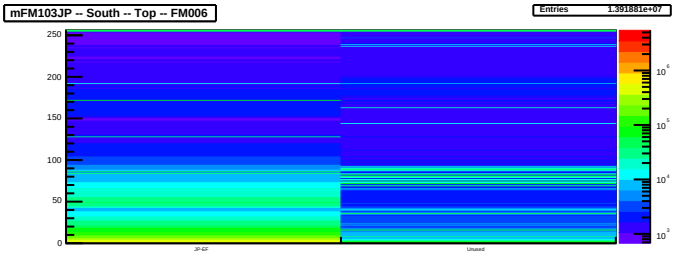
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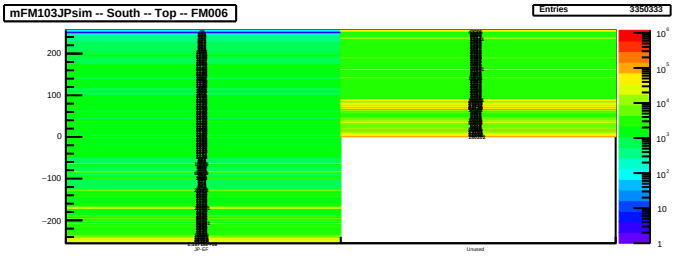
Entries 1.391881e+07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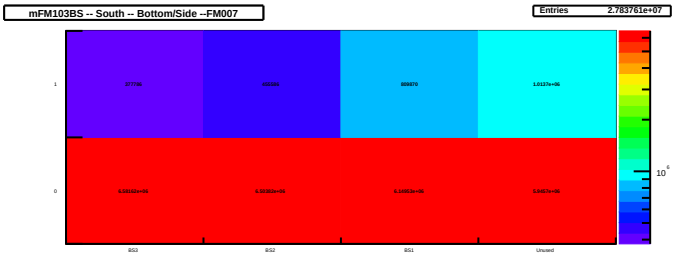
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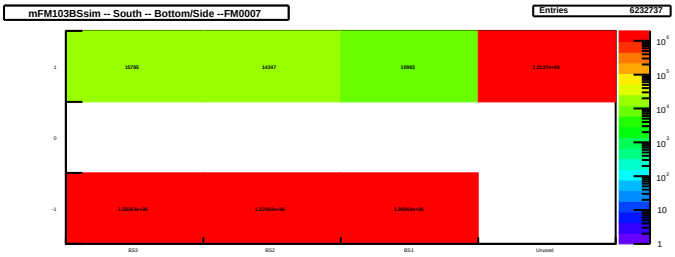
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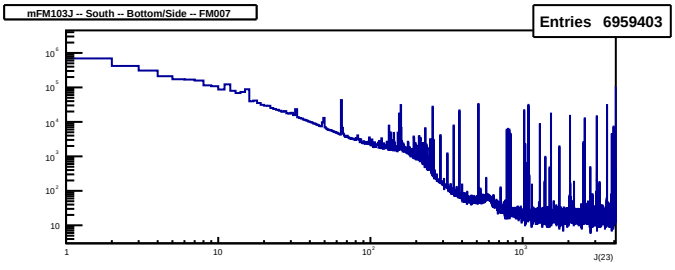
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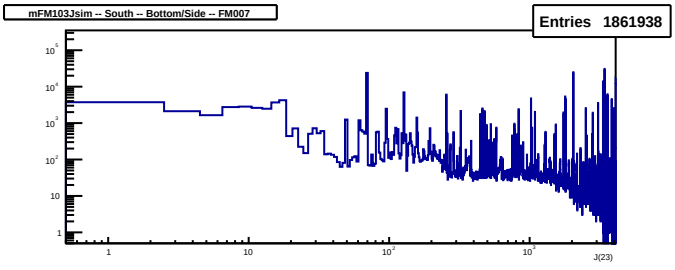
Entries 6959403
J(23)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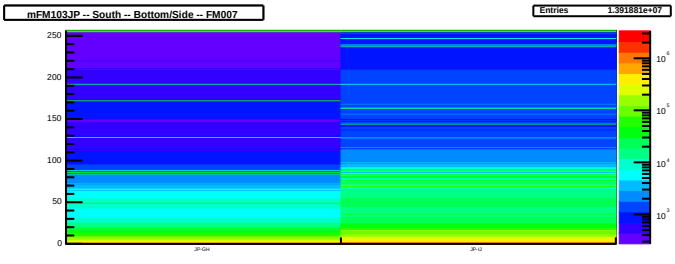
J(23)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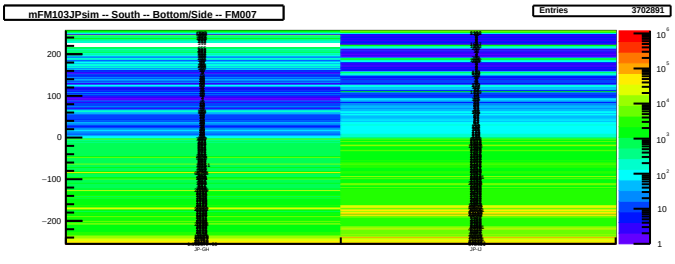
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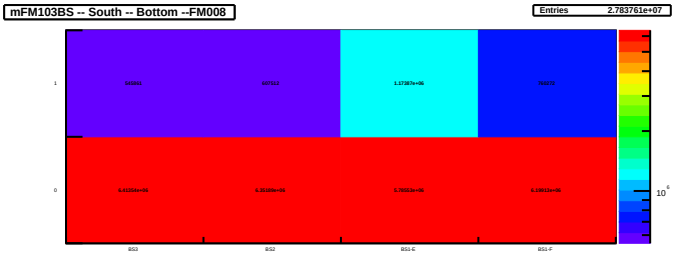
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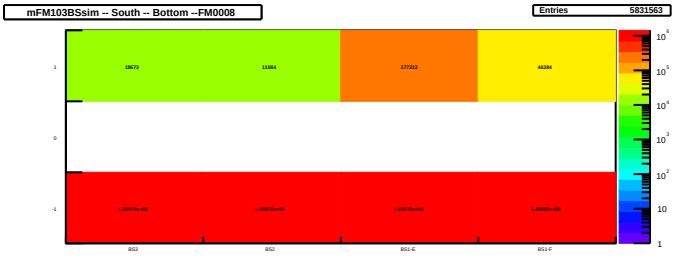
Entries 2.783761e+07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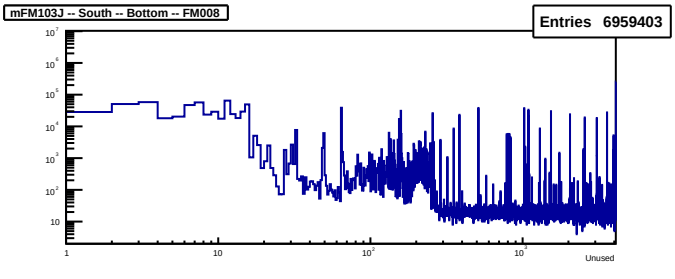
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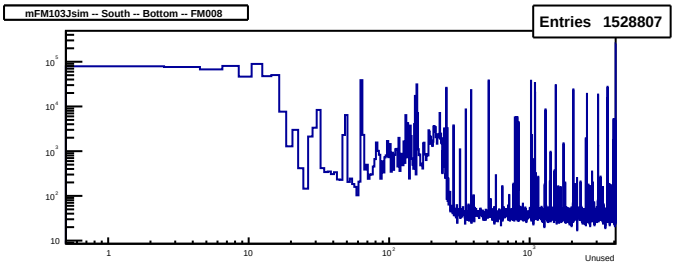
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Entries 1528807
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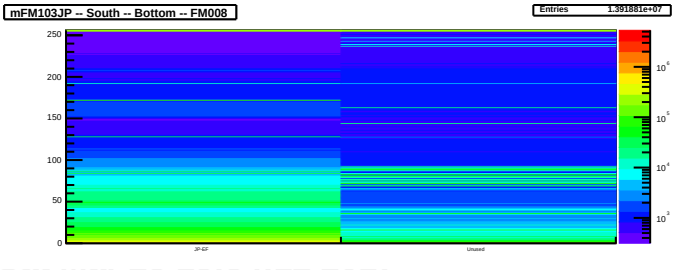
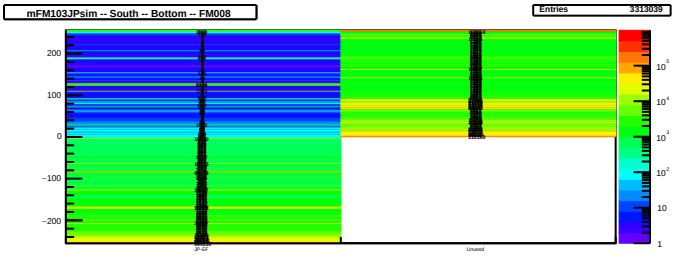
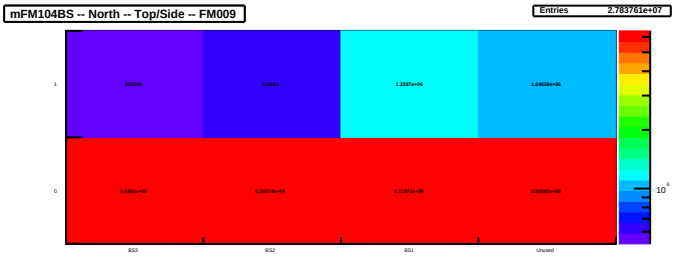
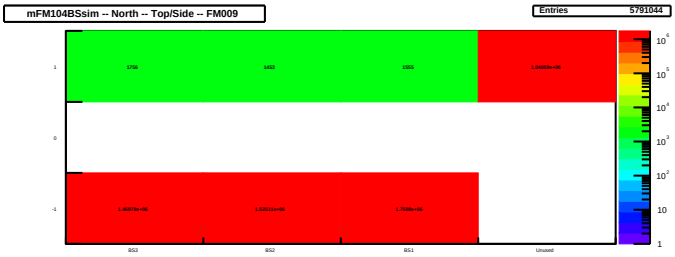
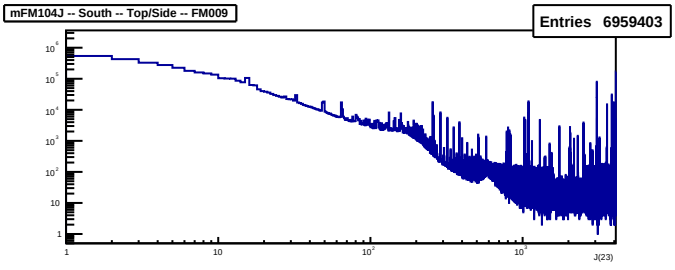
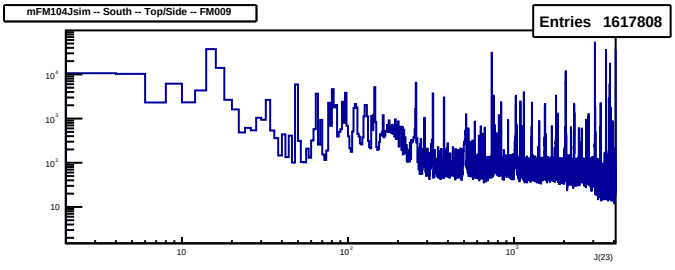

mFM103JP -- South -- Bottom -- FM008
Entries 1.391881e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3313039


mFM104BS -- North -- Top/Side -- FM009
Entries 2.783761e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5791044


mFM104J -- South -- Top/Side -- FM009
Entries 6959403
J(23)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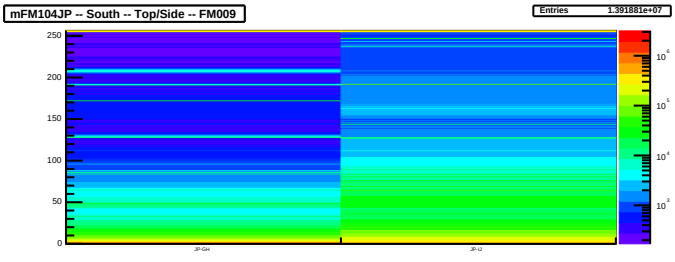
Entries 1617808
J(23)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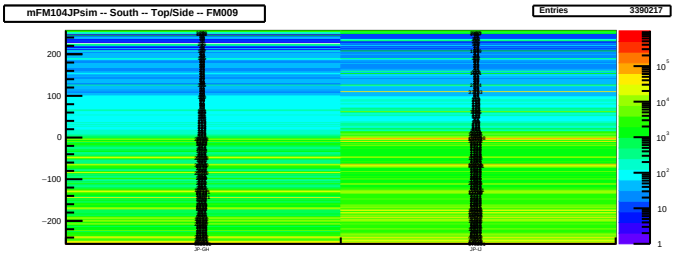
Entries 1.391881e+07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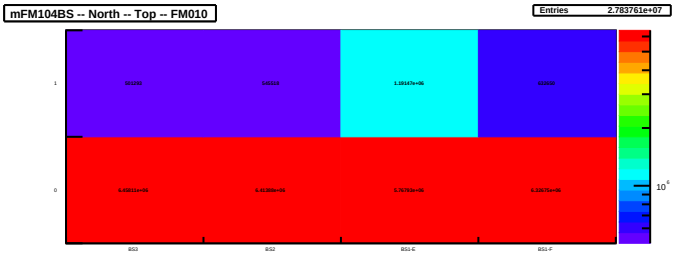
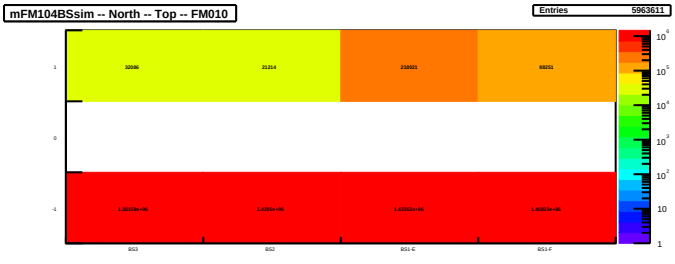

mFM104BS -- North -- Top -- FM010
Entries 2.783761e+07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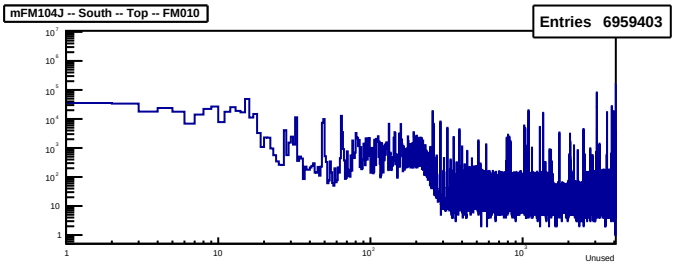
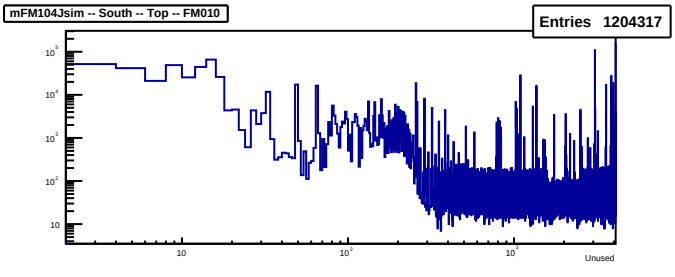
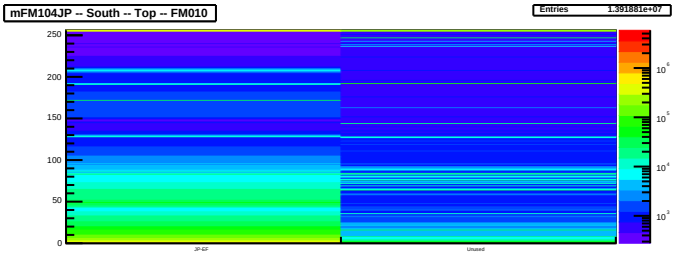
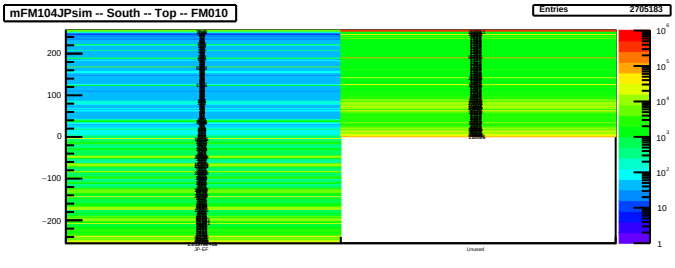
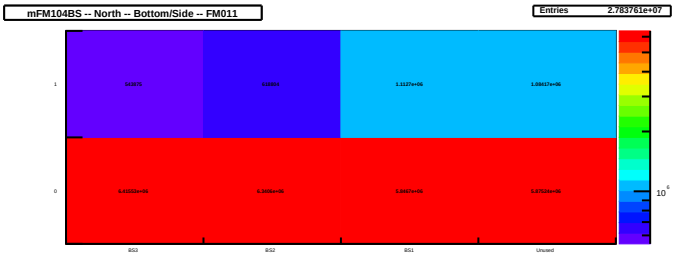
Entries 5963611

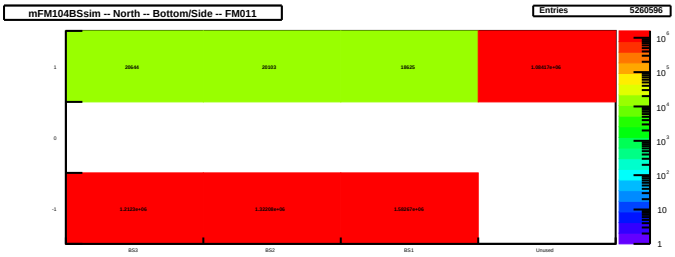

mFM104J -- South -- Top -- FM010
Entries 6959403
Unused

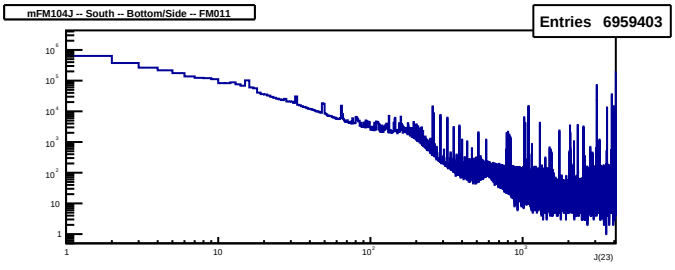

mFM104Jsim -- South -- Top -- FM010
Entries 1204317
Unused

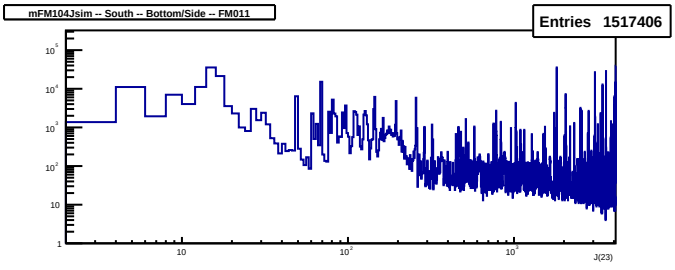

mFM104JP -- South -- Top -- FM010
Entries 1.391881e+07

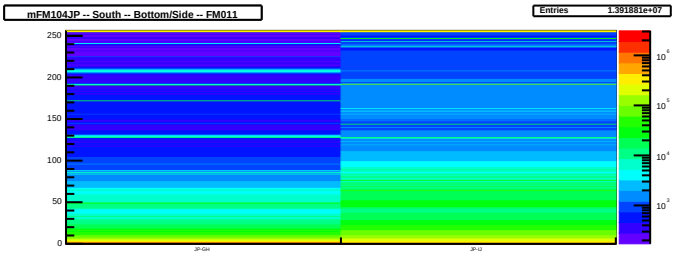

mFM104JPsim -- South -- Top -- FM010
Entries 2705183

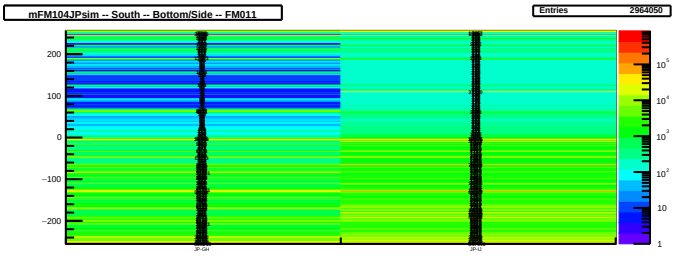

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.783761e+07

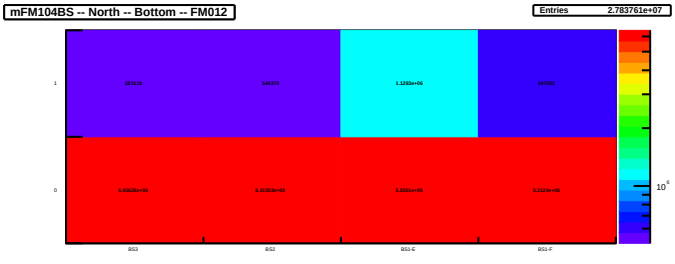

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5260596

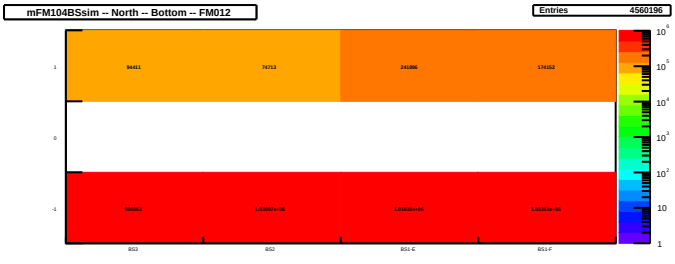

mFM104J -- South -- Bottom/Side -- FM011
Entries 6959403
J(23)

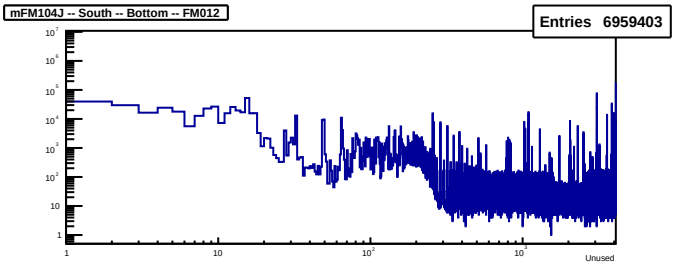

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1517406
J(23)

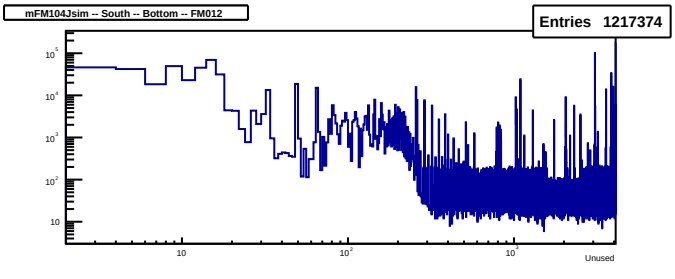

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.391881e+07

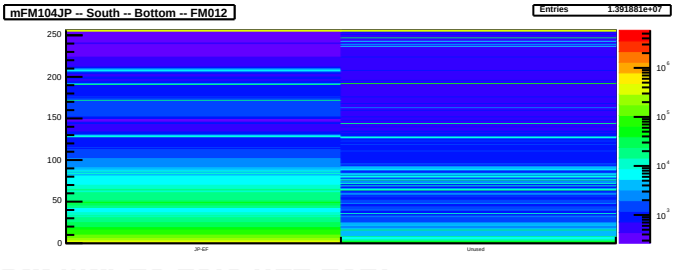

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2964050

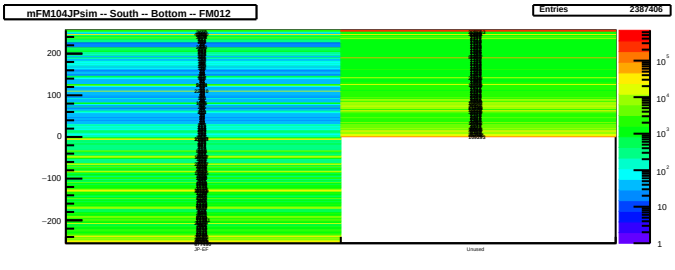

mFM104BS -- North -- Bottom -- FM012
Entries 2.783761e+07

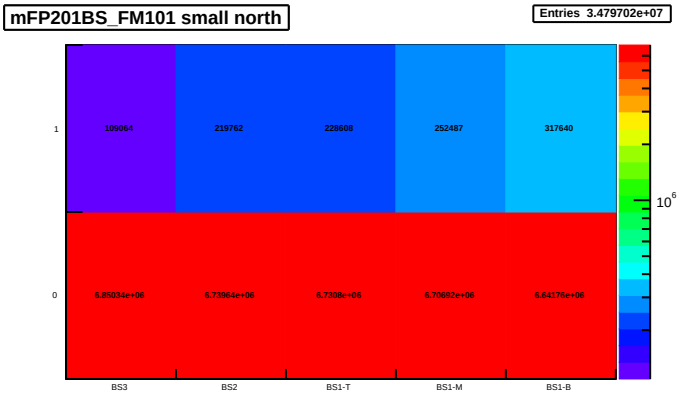

mFM104BSsim -- North -- Bottom -- FM012
Entries 4560196

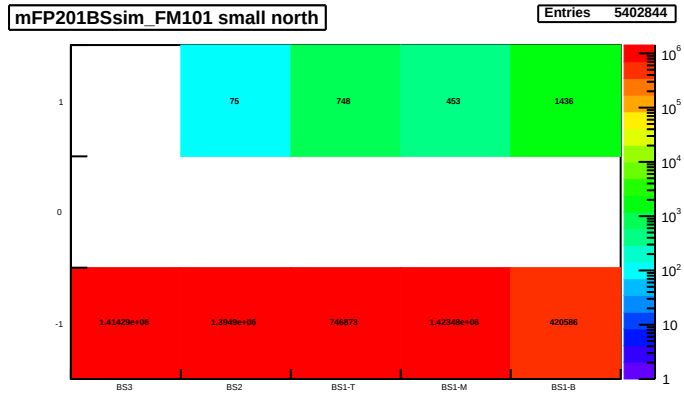

mFM104J -- South -- Bottom -- FM012
Entries 6959403
Unused

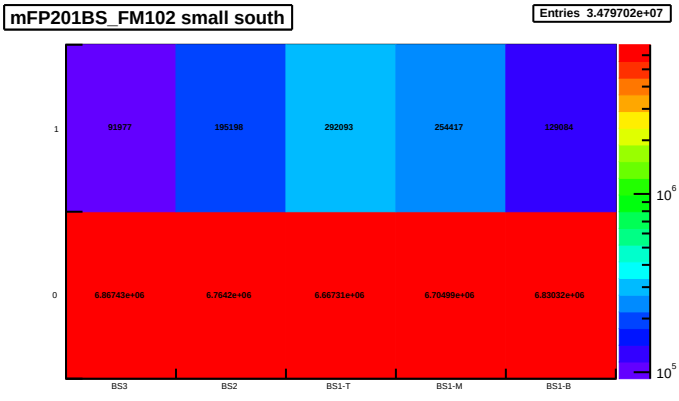

mFM104Jsim -- South -- Bottom -- FM012
Entries 1217374
Unused

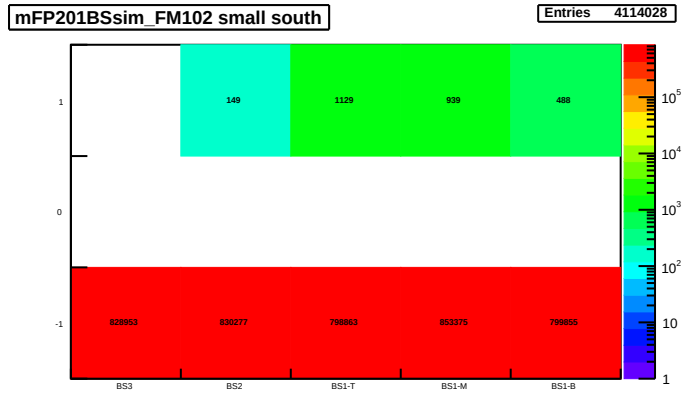

mFM104JP -- South -- Bottom -- FM012
Entries 1.391881e+07

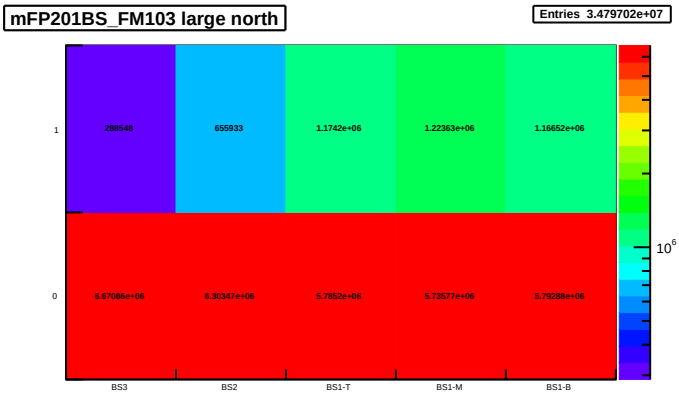

mFM104JPsim -- South -- Bottom -- FM012
Entries 2387406

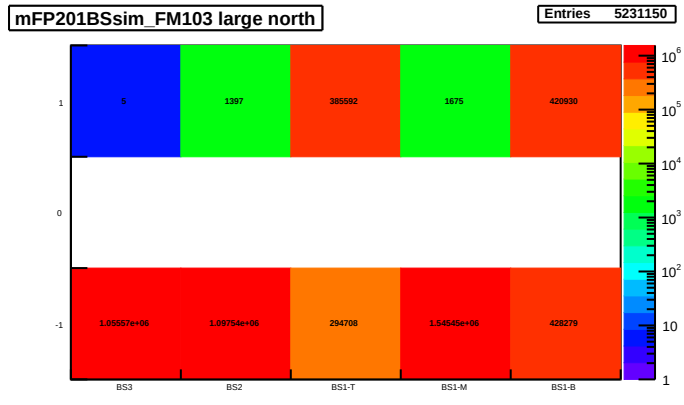

mFP201BS_FM101 small north
Entries 3.479702e+07
109064
219762
228608
252487
317640
6.85034e+06
6.73964e+06
6.7308e+06
6.70692e+06
6.64176e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

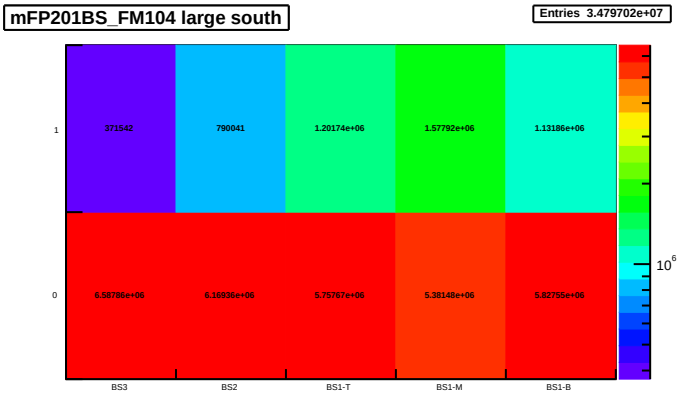

mFP201BSsim_FM101 small north
Entries 5402844
75
748
453
1436
1.41429e+06
1.3949e+06
746873
1.42348e+06
420586
BS3
BS2
BS1-T
BS1-M
BS1-B

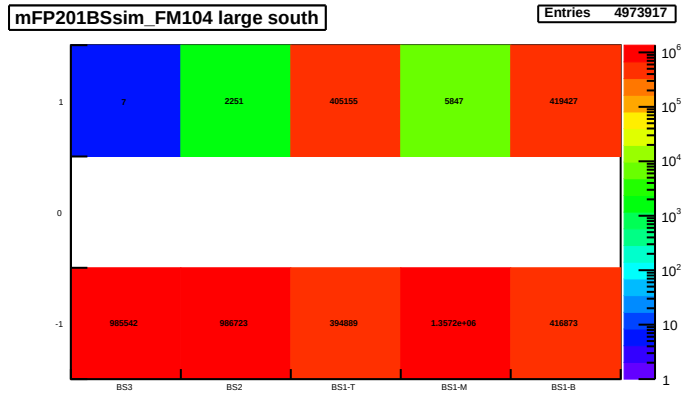

mFP201BS_FM102 small south
Entries 3.479702e+07
91977
195198
292093
254417
129084
6.86743e+06
6.7642e+06
6.66731e+06
6.70499e+06
6.83032e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

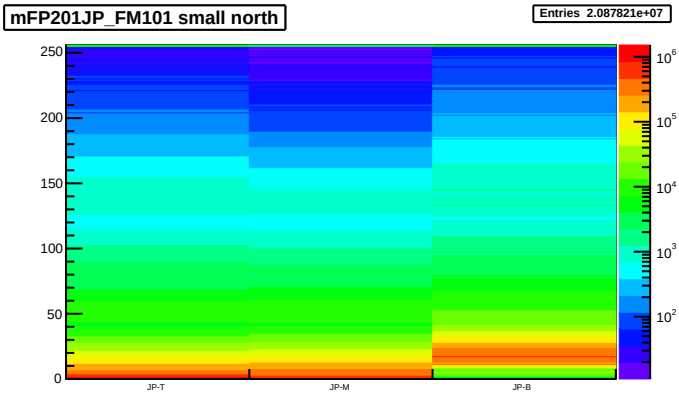

mFP201BSsim_FM102 small south
Entries 4114028
149
1129
939
488
828953
830277
798863
853375
799855
BS3
BS2
BS1-T
BS1-M
BS1-B

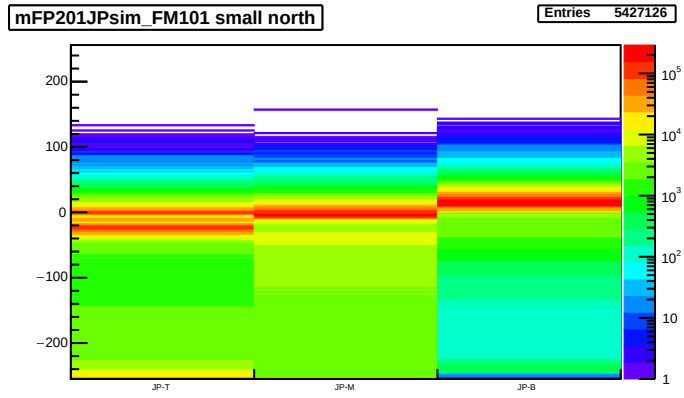

mFP201BS_FM103 large north
Entries 3.479702e+07
288548
655933
1.1742e+06
1.22363e+06
1.16652e+06
6.67086e+06
6.30347e+06
5.7852e+06
5.73577e+06
5.79288e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

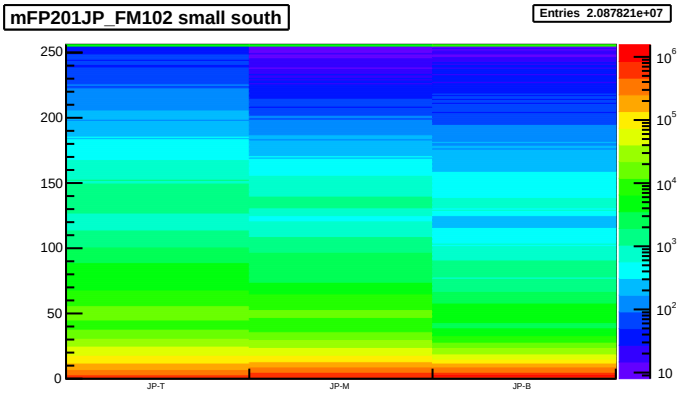

mFP201BSsim_FM103 large north
Entries 5231150
5
1397
385592
1675
420930
1.05557e+06
1.09754e+06
294708
1.54545e+06
428279
BS3
BS2
BS1-T
BS1-M
BS1-B

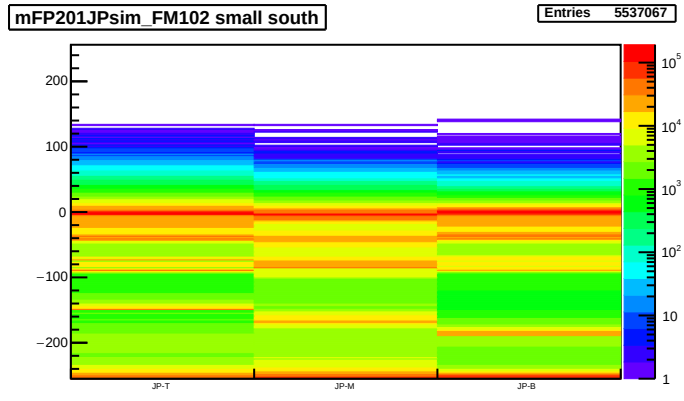

mFP201BS_FM104 large south
Entries 3.479702e+07
371542
790041
1.20174e+06
1.57792e+06
1.13186e+06
6.58786e+06
6.16936e+06
5.75767e+06
5.38148e+06
5.82755e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

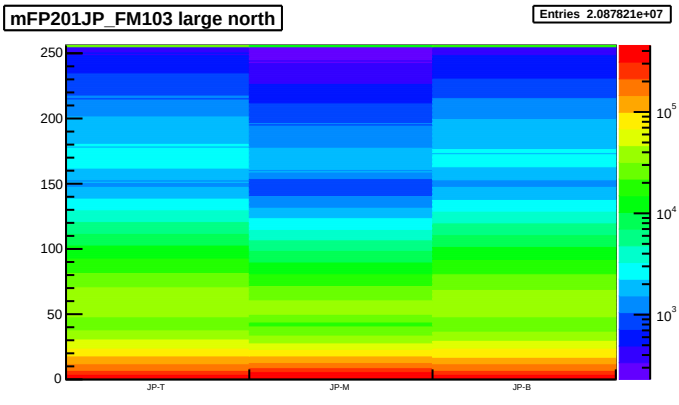

mFP201BSsim_FM104 large south
Entries 4973917
7
2251
405155
5847
419427
985542
986723
394889
1.3572e+06
416873
BS3
BS2
BS1-T
BS1-M
BS1-B

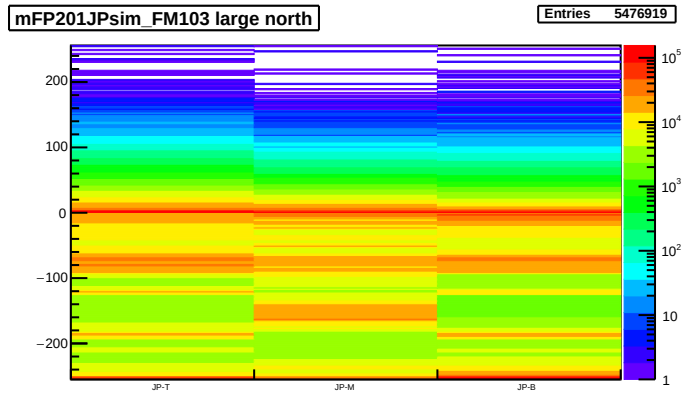

mFP201JP_FM101 small north
Entries 2.087821e+07
JP-T
JP-M
JP-B

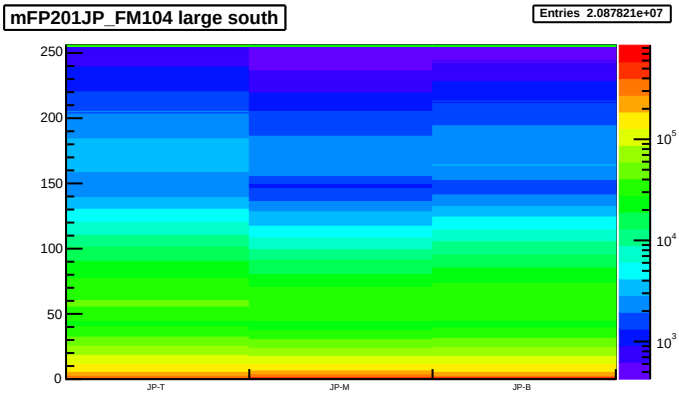

mFP201JPsim_FM101 small north
Entries 5427126
JP-T
JP-M
JP-B

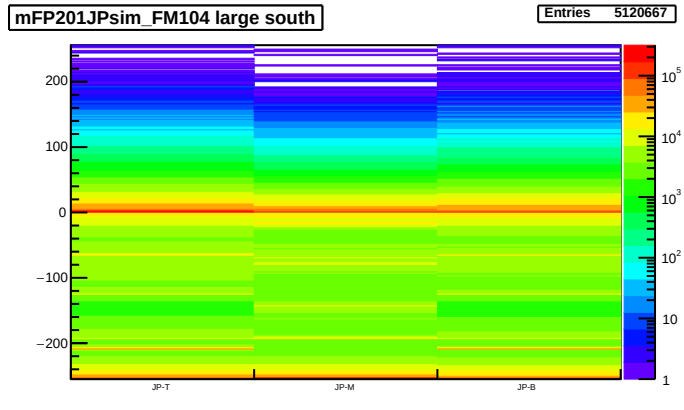

mFP201JP_FM102 small south
Entries 2.087821e+07
JP-T
JP-M
JP-B

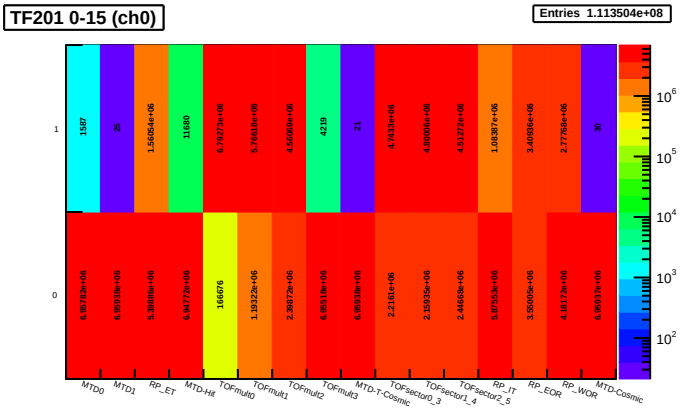

mFP201JPsim_FM102 small south
Entries 5537067
JP-T
JP-M
JP-B

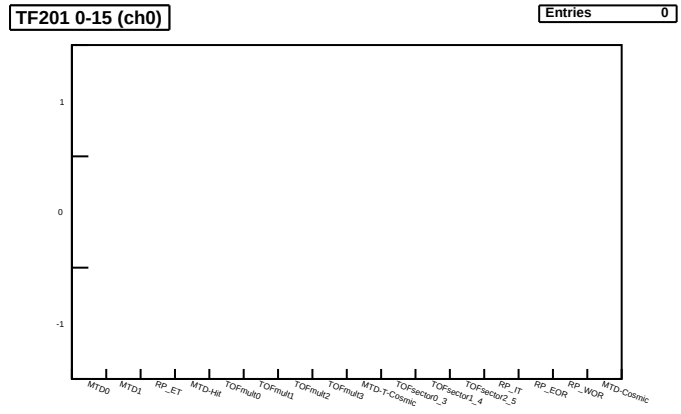

mFP201JP_FM103 large north
Entries 2.087821e+07
JP-T
JP-M
JP-B

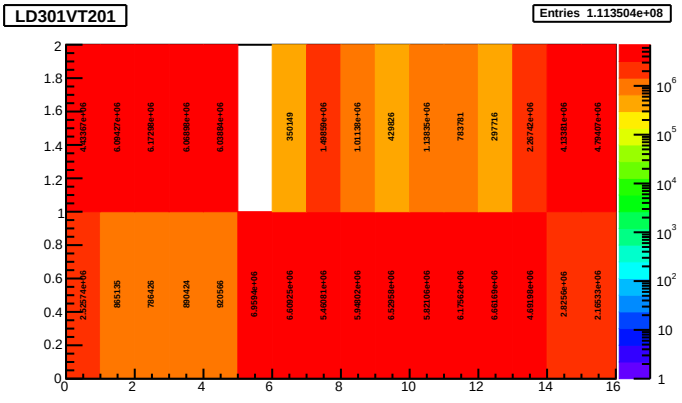

mFP201JPsim_FM103 large north
Entries 5476919
JP-T
JP-M
JP-B

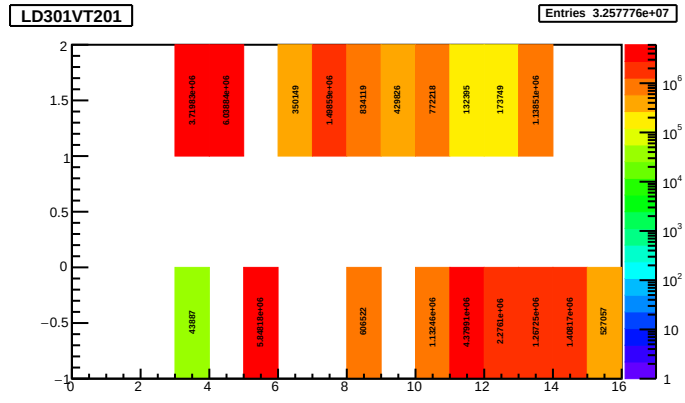

mFP201JP_FM104 large south
Entries 2.087821e+07
JP-T
JP-M
JP-B

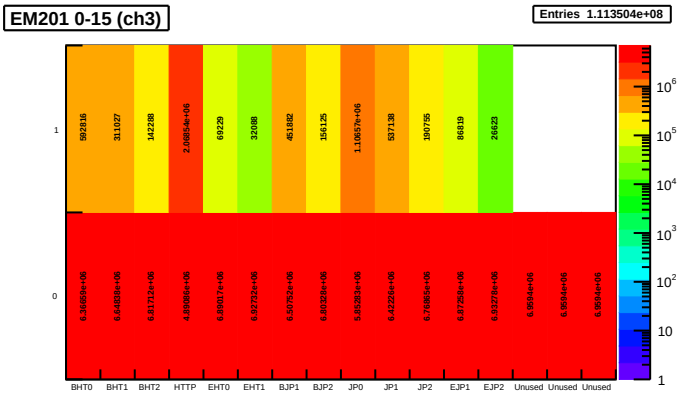

mFP201JPsim_FM104 large south
Entries 5120667
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.113504e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 1.113504e+08


LD301VT201
Entries 3.257776e+07


EM201 0-15 (ch3)
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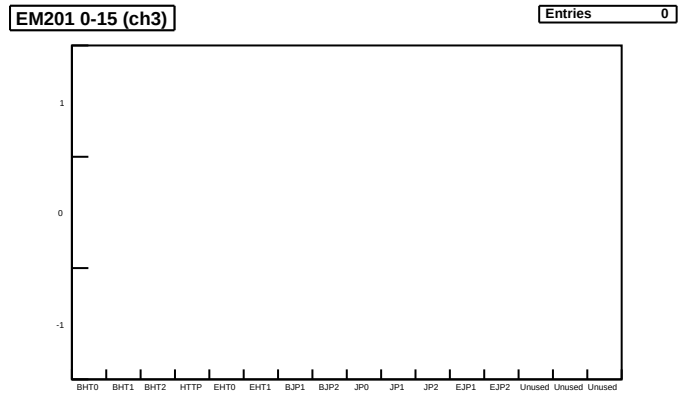
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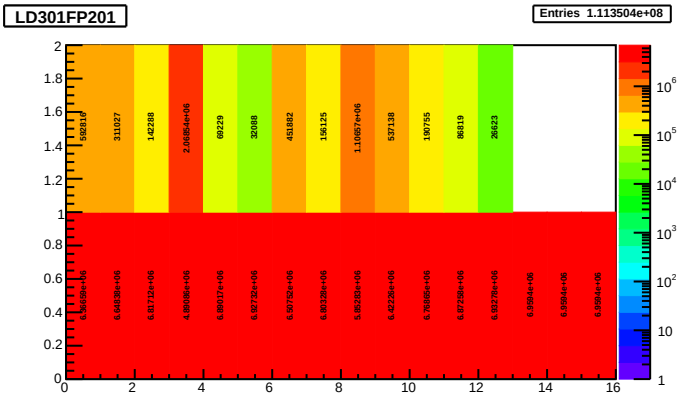
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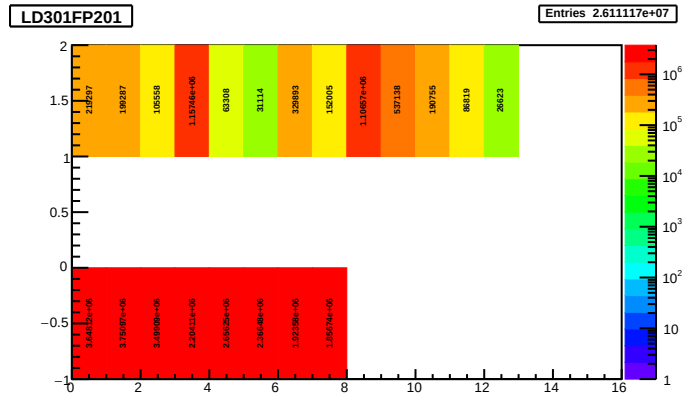
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