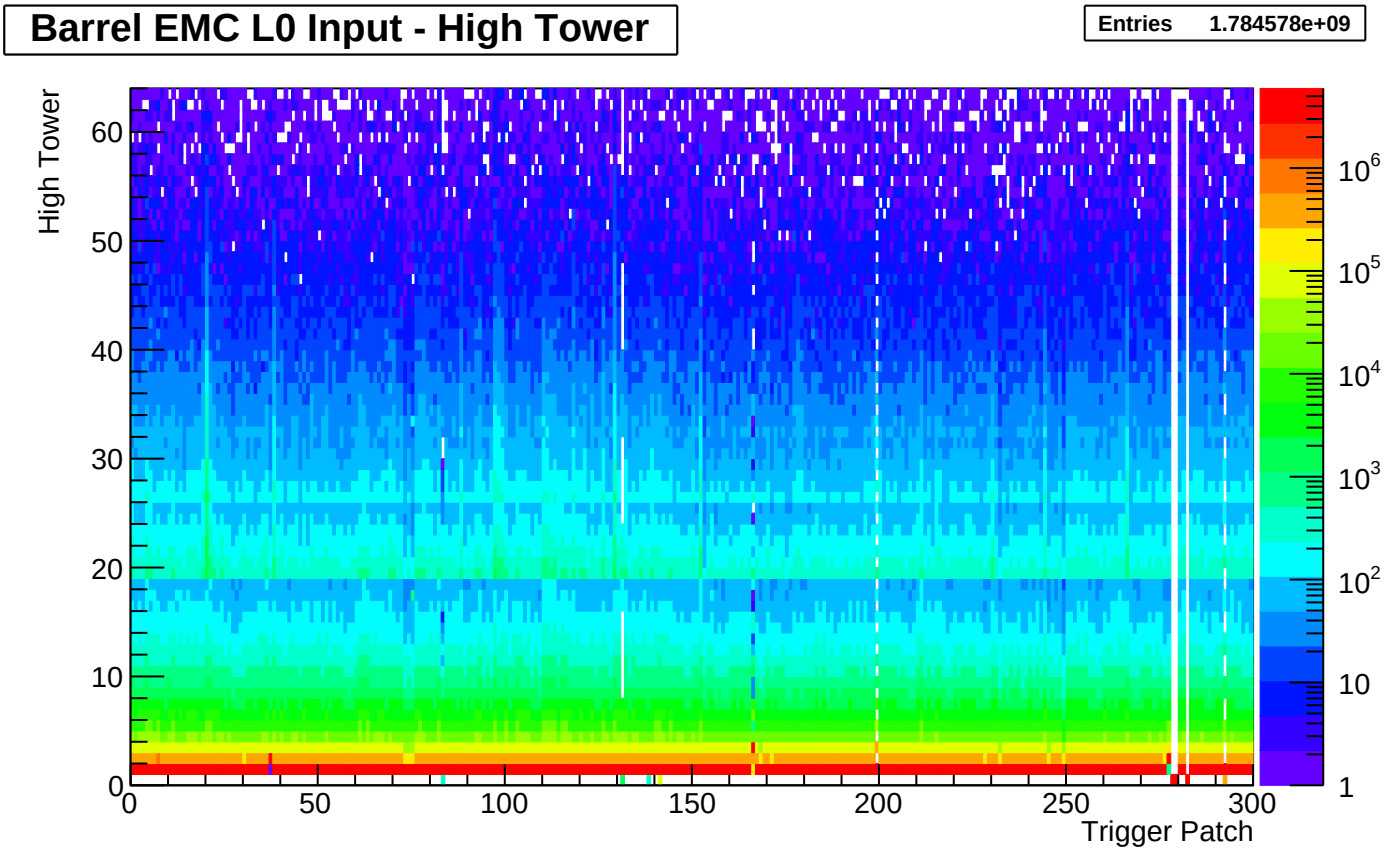
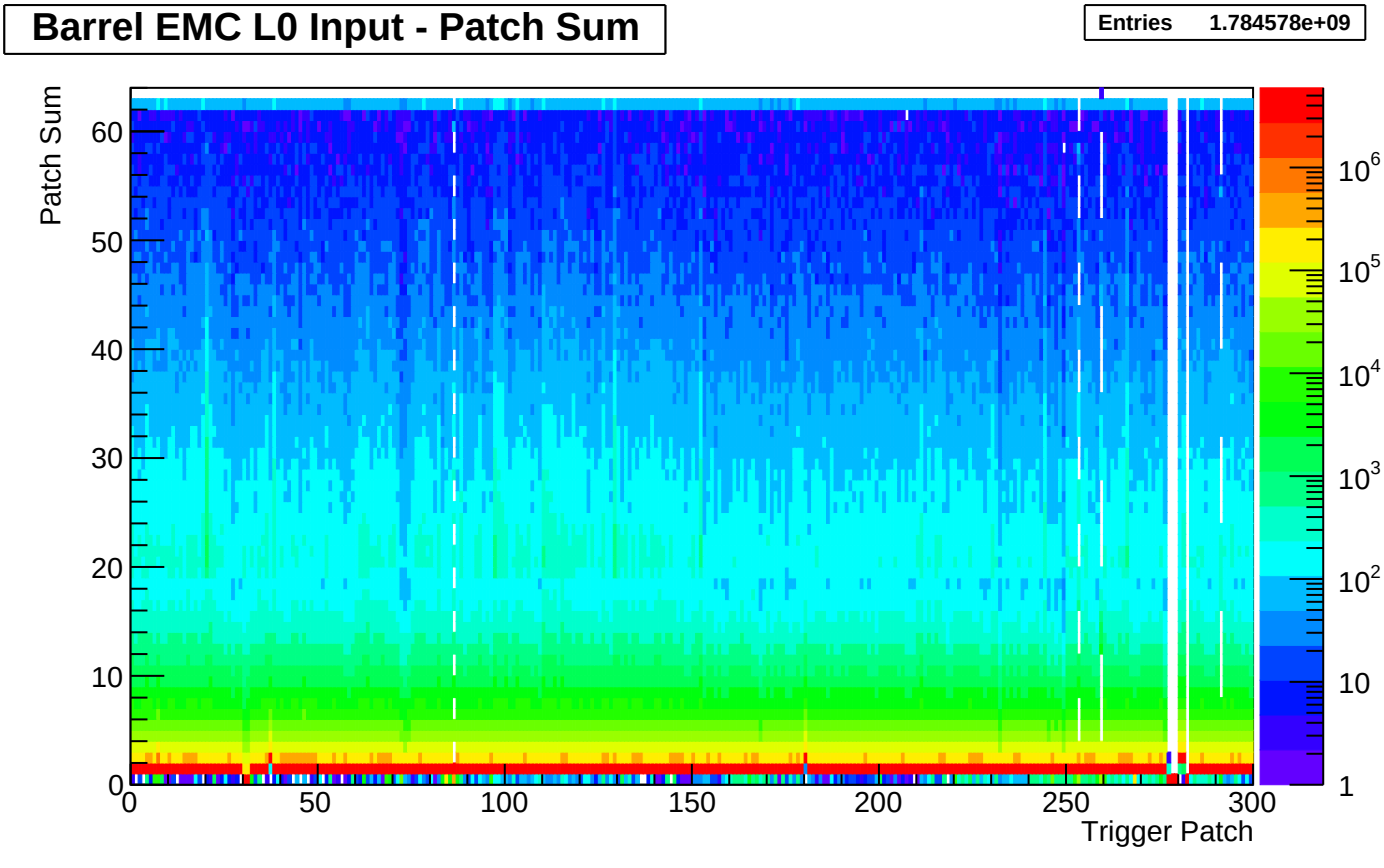
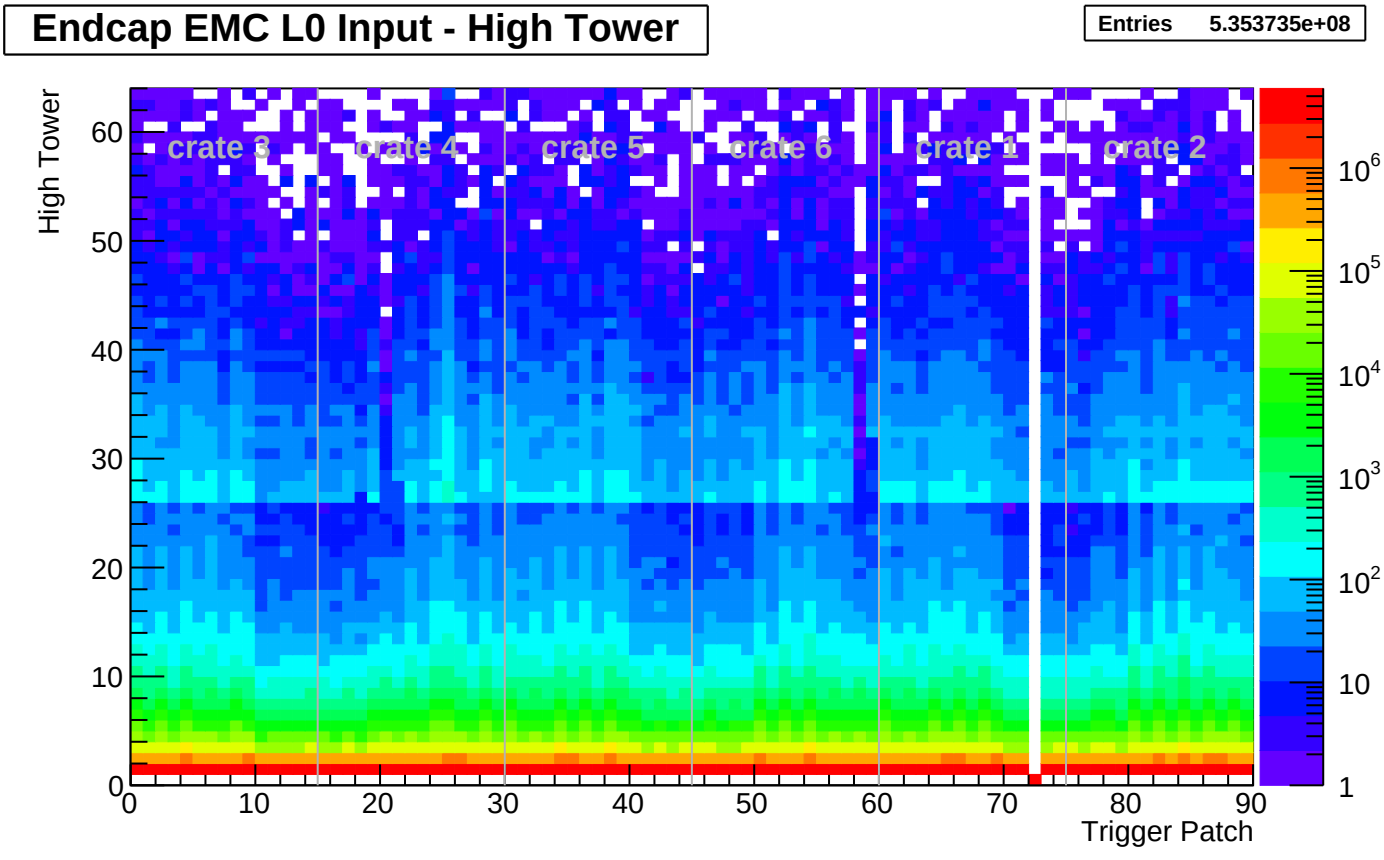
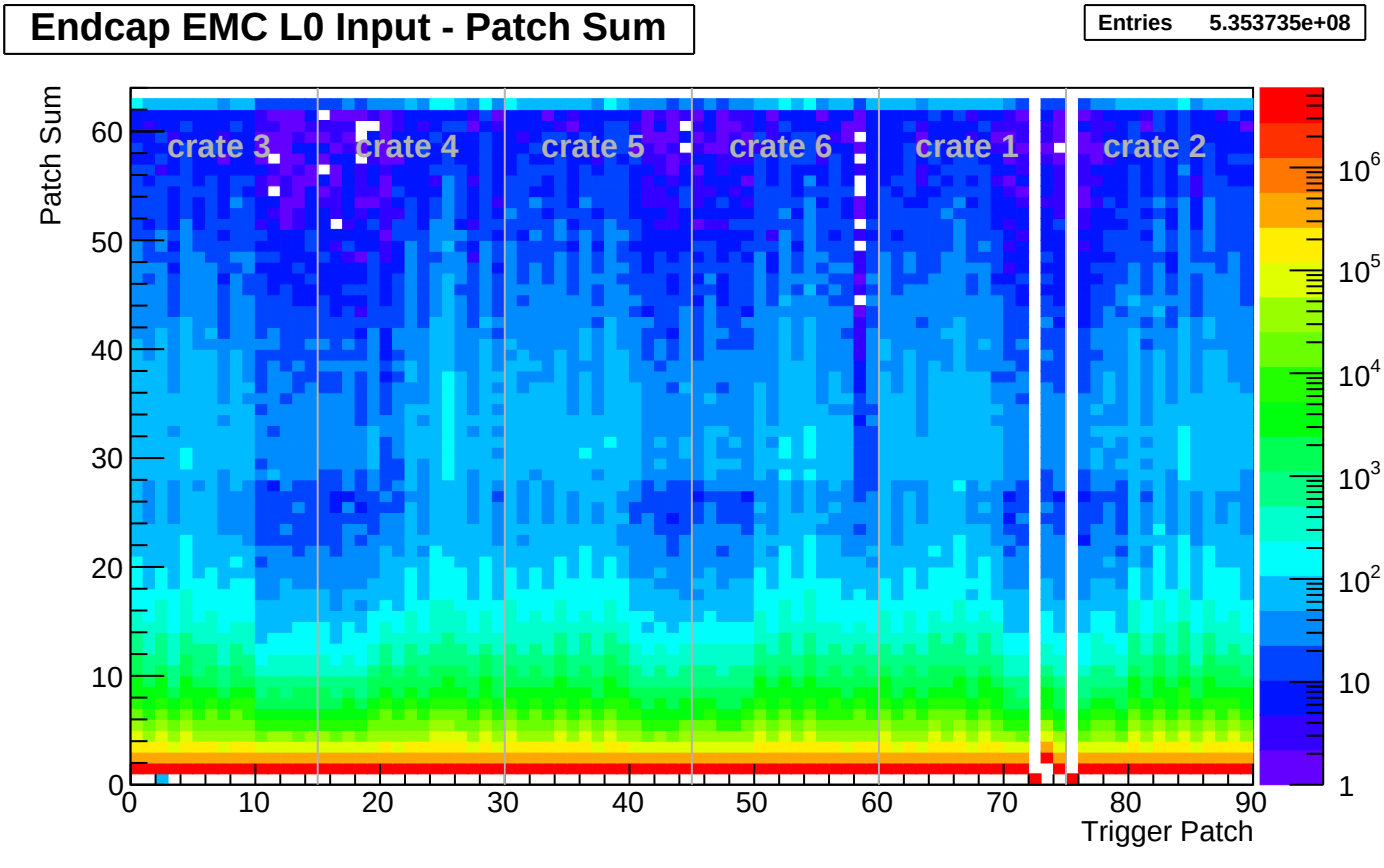
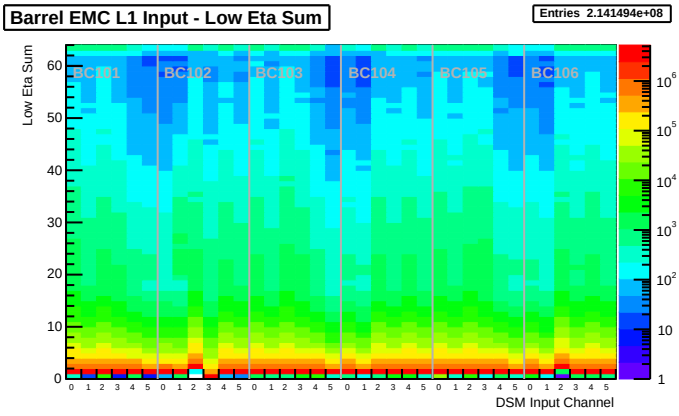
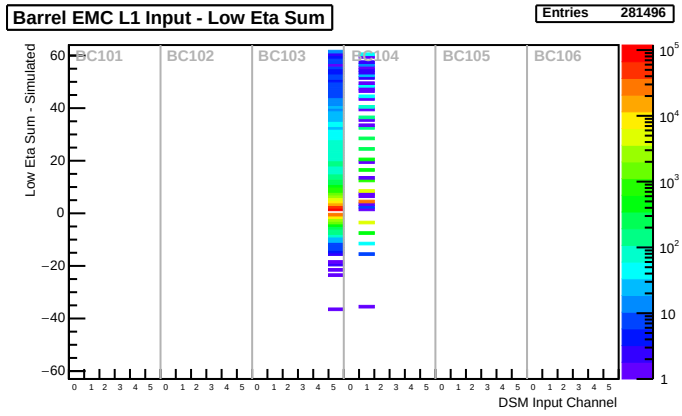

Barrel EMC L0 Input - High Tower
Entries 1.784578e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

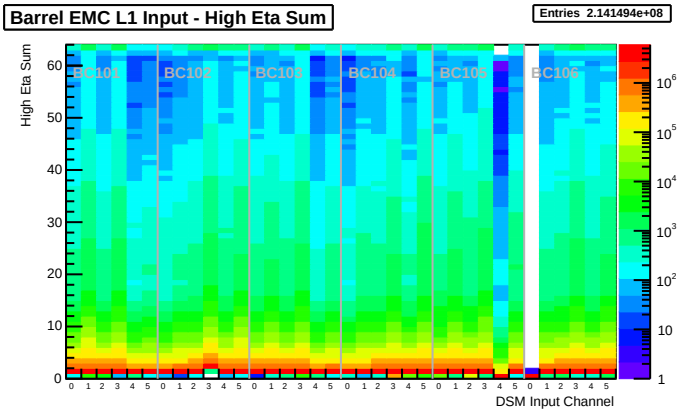

Barrel EMC L0 Input - Patch Sum
Entries 1.784578e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

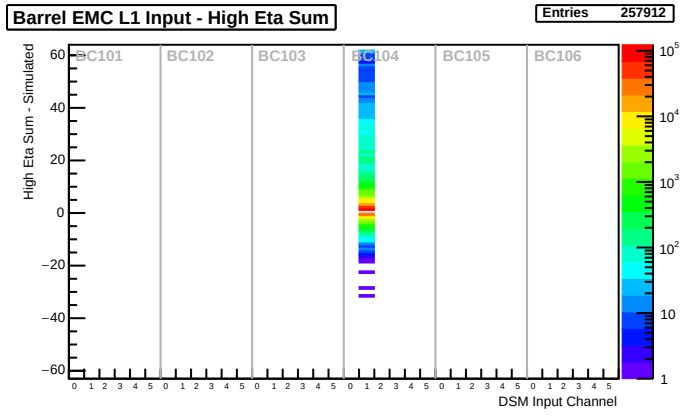

Endcap EMC L0 Input - High Tower
Entries 5.353735e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

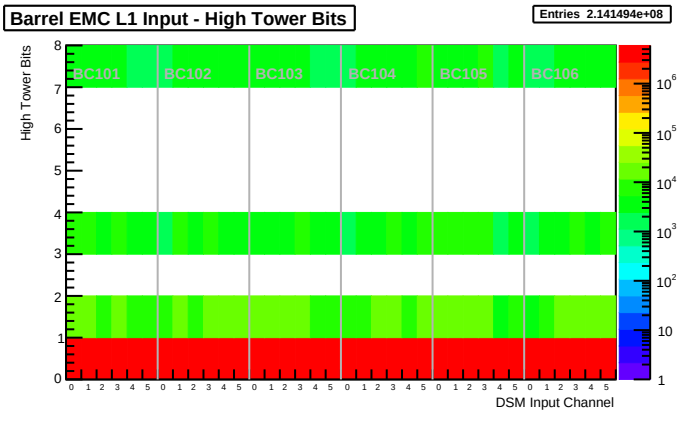

Endcap EMC L0 Input - Patch Sum
Entries 5.353735e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

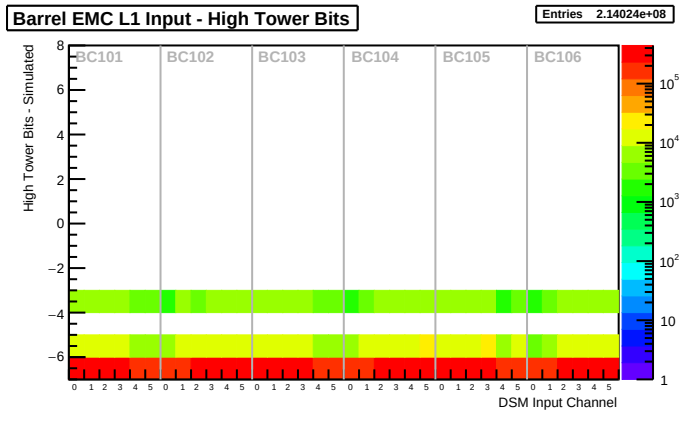

Barrel EMC L1 Input - Low Eta Sum
Entries 2.141494e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

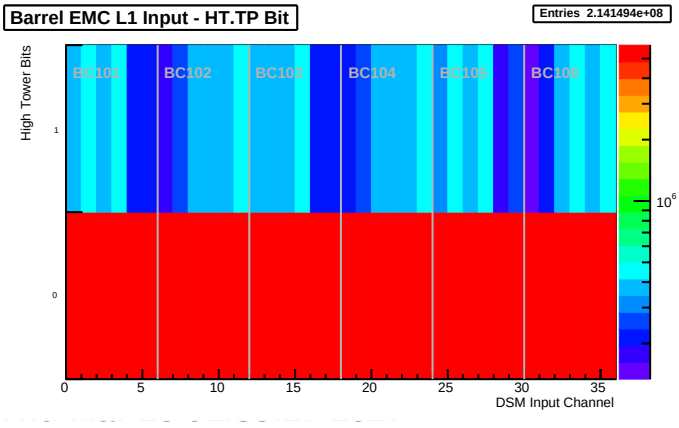

Barrel EMC L1 Input - Low Eta Sum
Entries 281496
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

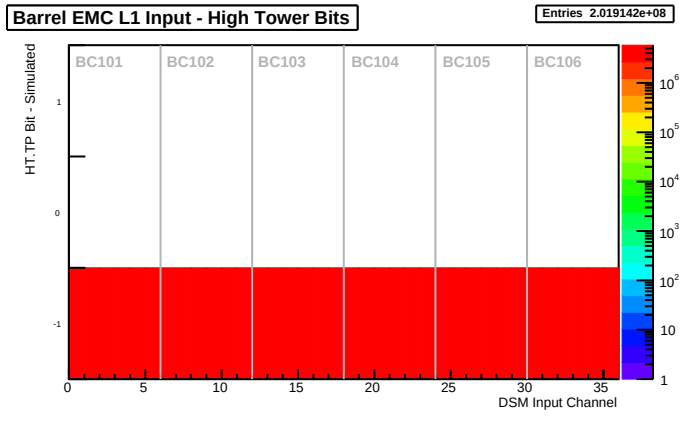

Barrel EMC L1 Input - High Eta Sum
Entries 2.141494e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

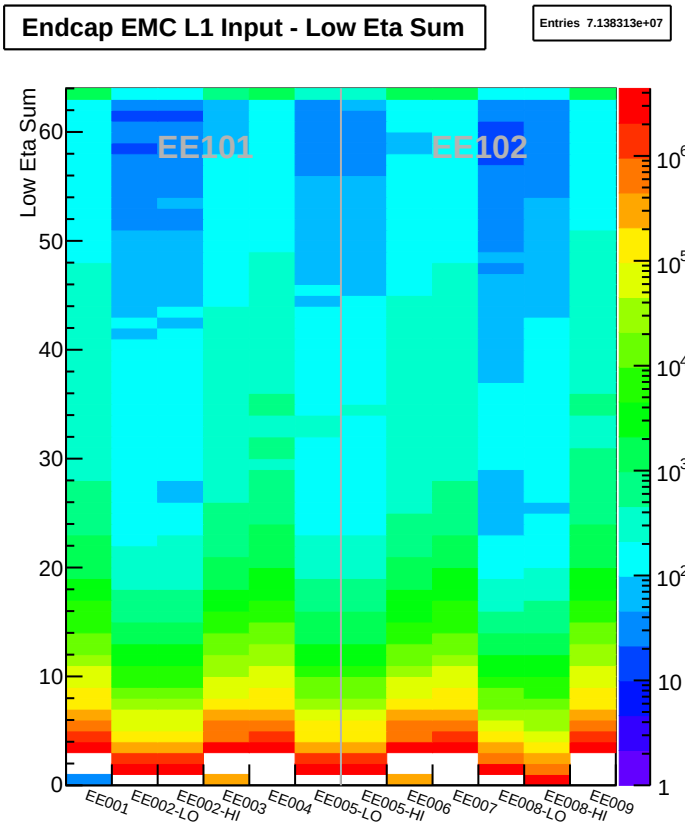

Barrel EMC L1 Input - High Eta Sum
Entries 257912
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

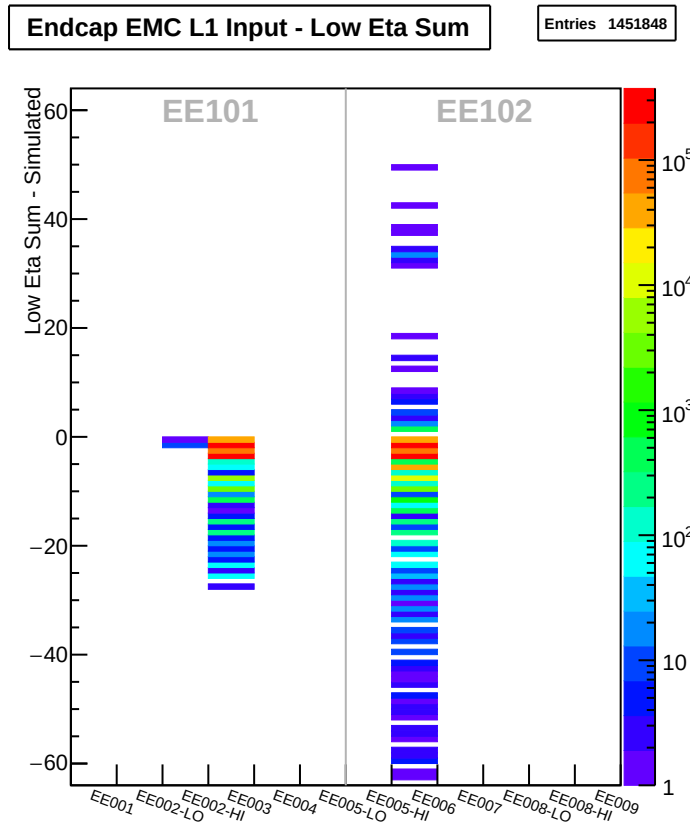

Barrel EMC L1 Input - High Tower Bits
Entries 2.141494e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

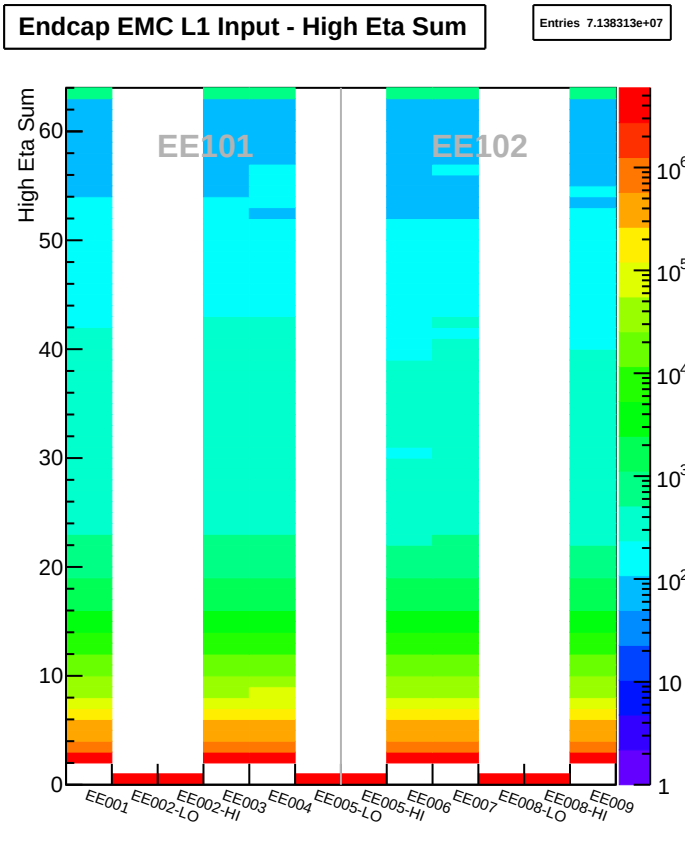

Barrel EMC L1 Input - High Tower Bits
Entries 2.14024e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

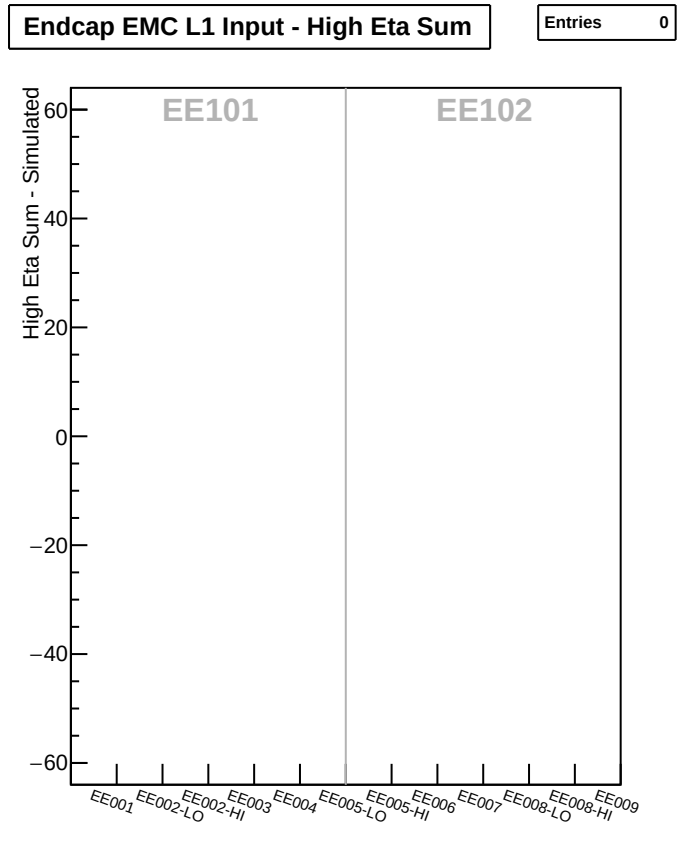

Barrel EMC L1 Input - HT.TP Bit
Entries 2.141494e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

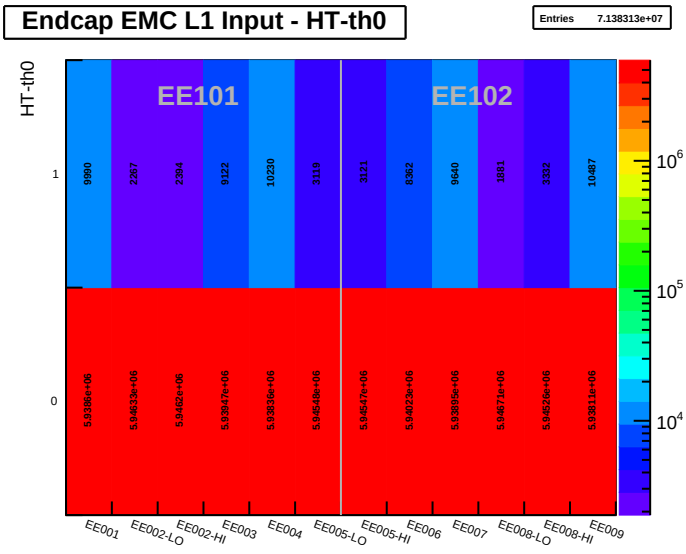

Barrel EMC L1 Input - High Tower Bits
Entries 2.019142e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

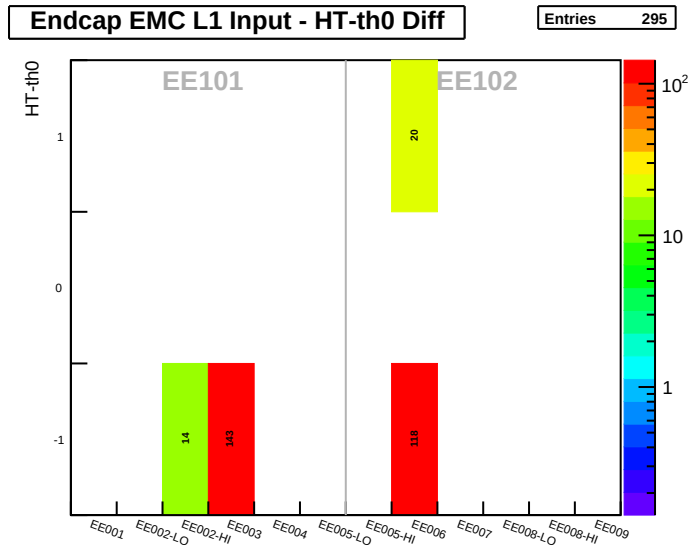

Endcap EMC L1 Input - Low Eta Sum
Entries 7.138313e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

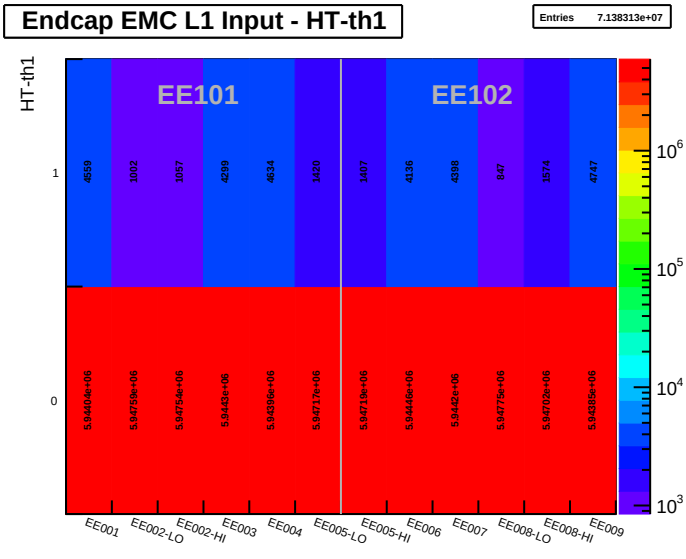

Endcap EMC L1 Input - Low Eta Sum
Entries 1451848
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

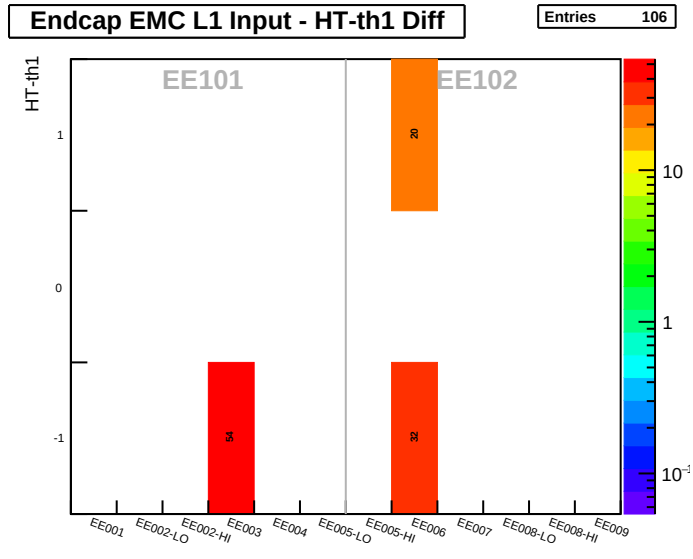

Endcap EMC L1 Input - High Eta Sum
Entries 7.138313e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

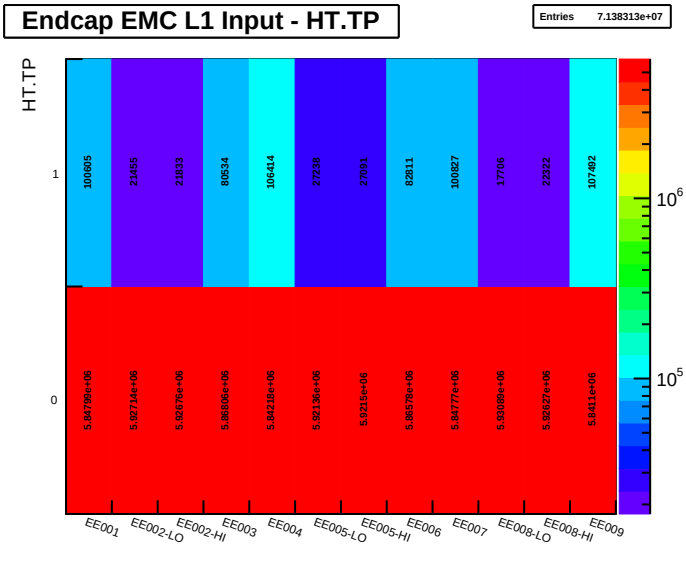

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

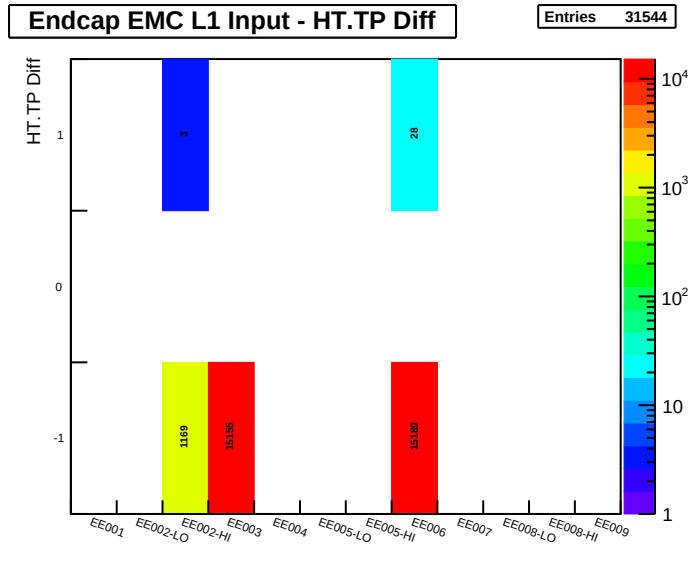

Endcap EMC L1 Input - HT-th0
Entries 7.138313e+07
HT-th0
EE101
EE102
9990 2267 2394 9122 10230 3119 3121 8362 9640 1081 3332 10487
5.9336e+06 5.94633e+06 5.9462e+06 5.93947e+06 5.93836e+06 5.94549e+06 5.94547e+06 5.94023e+06 5.93895e+06 5.94071e+06 5.94526e+06 5.93811e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

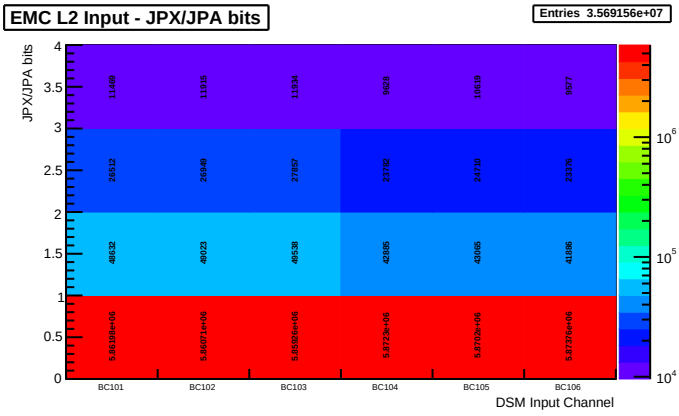

Endcap EMC L1 Input - HT-th0 Diff
Entries 295
HT-th0
EE101
EE102
20
14 143 118
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

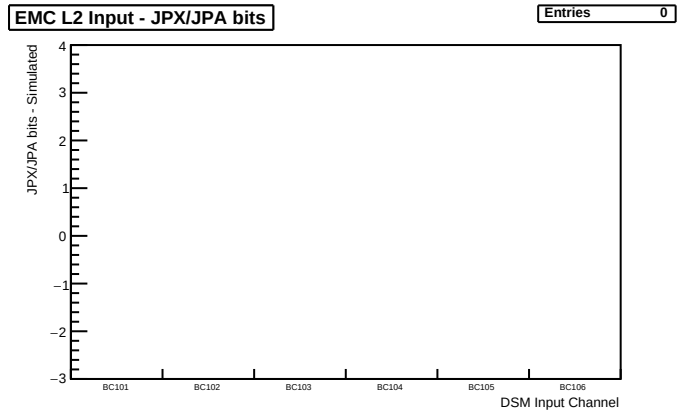

Endcap EMC L1 Input - HT-th1
Entries 7.138313e+07
HT-th1
EE101
EE102
4559 1002 1057 4299 4634 1420 1407 4136 4398 847 1574 4747
5.94404e+06 5.94759e+06 5.94754e+06 5.9443e+06 5.94395e+06 5.94717e+06 5.94719e+06 5.94446e+06 5.9442e+06 5.94775e+06 5.94702e+06 5.94395e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

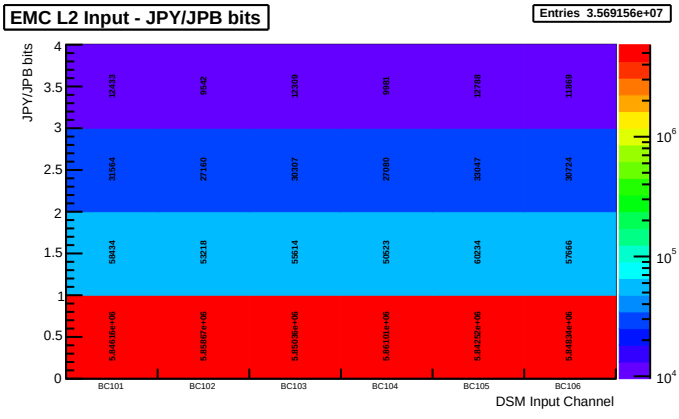

Endcap EMC L1 Input - HT-th1 Diff
Entries 106
HT-th1
EE101
EE102
20
54 32
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

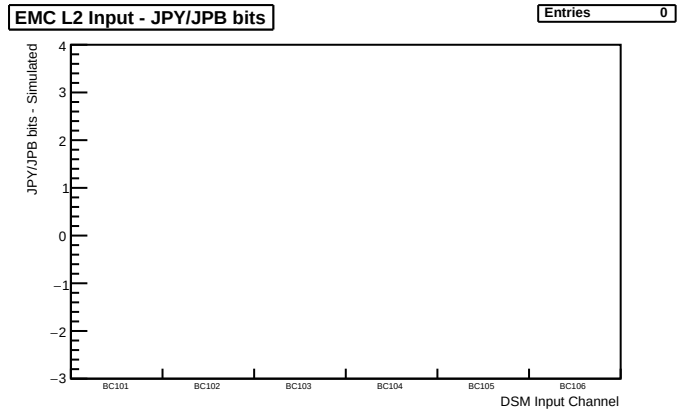

Endcap EMC L1 Input - HT.TP
Entries 7.138313e+07
HT.TP
100605 21455 21833 80534 106414 27236 27091 82811 100827 17706 22322 107492
5.84798e+06 5.92714e+06 5.92676e+06 5.86808e+06 5.84218e+06 5.92136e+06 5.9215e+06 5.86578e+06 5.84777e+06 5.92808e+06 5.92627e+06 5.8411e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

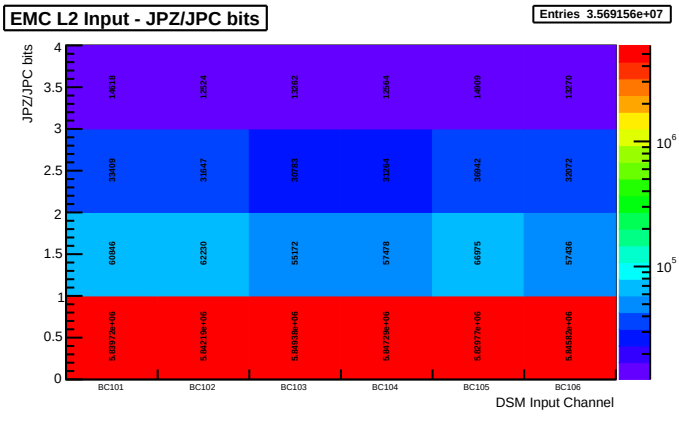

Endcap EMC L1 Input - HT.TP Diff
Entries 31544
HT.TP Diff
3
28
1169 15155 15189
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

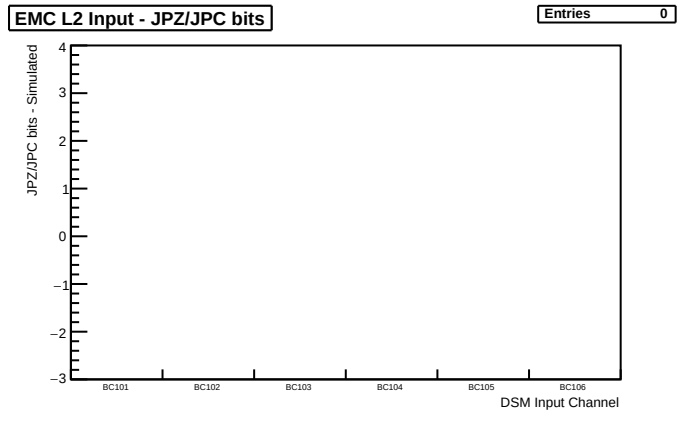

EMC L2 Input - JPX/JPA bits
Entries 3.569156e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

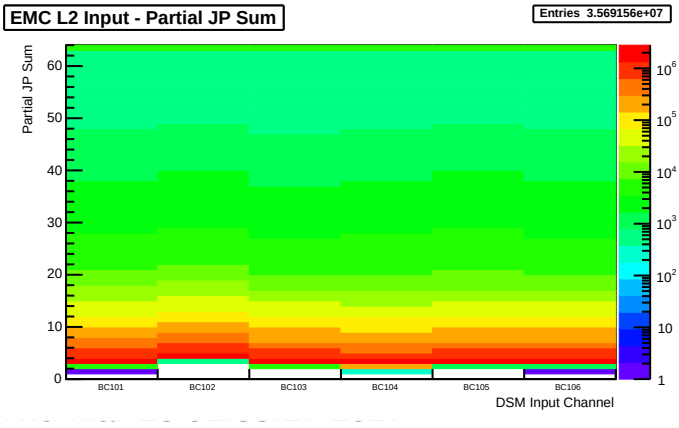

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

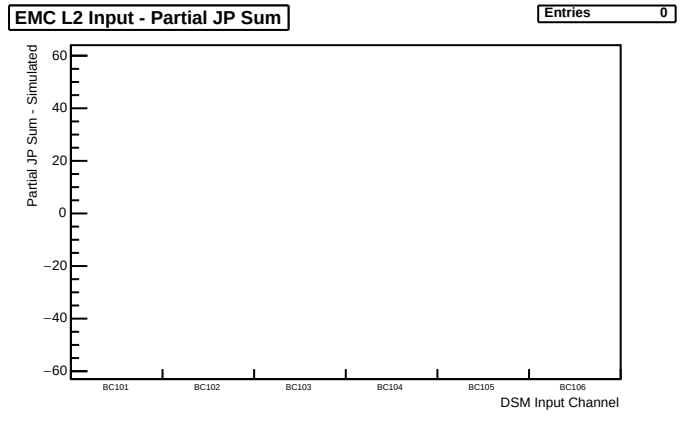

EMC L2 Input - JPY/JPB bits
Entries 3.569156e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

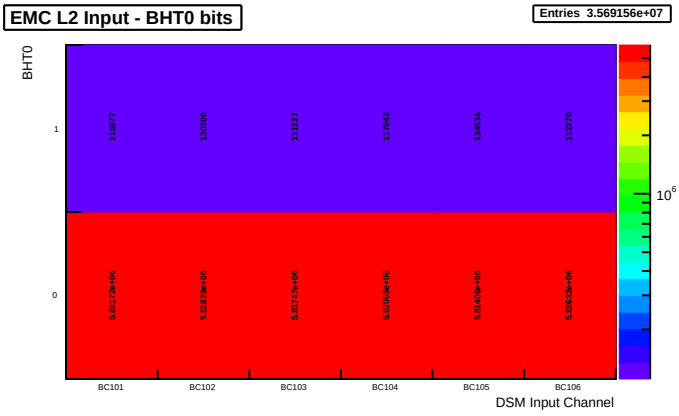

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

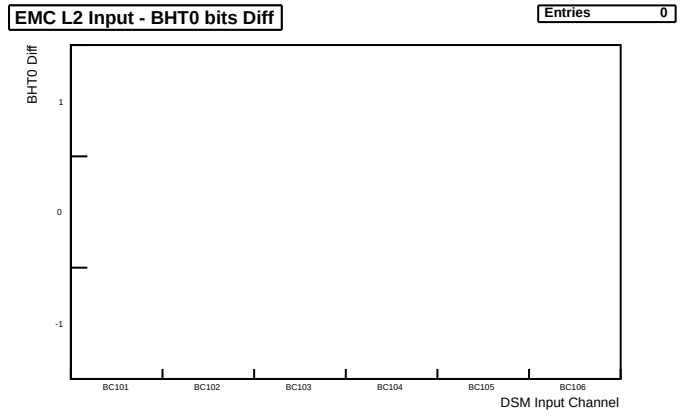

EMC L2 Input - JPZ/JPC bits
Entries 3.569156e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

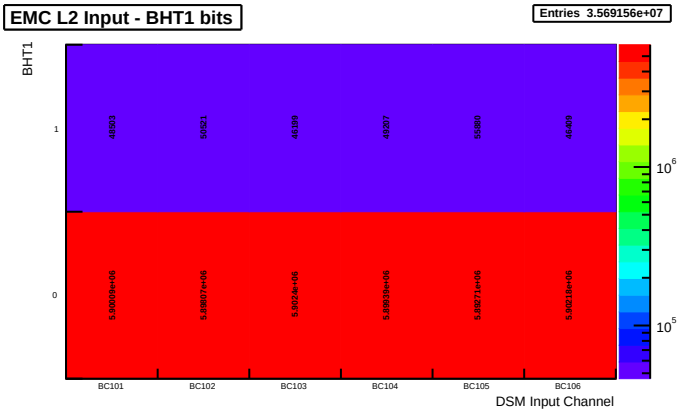

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

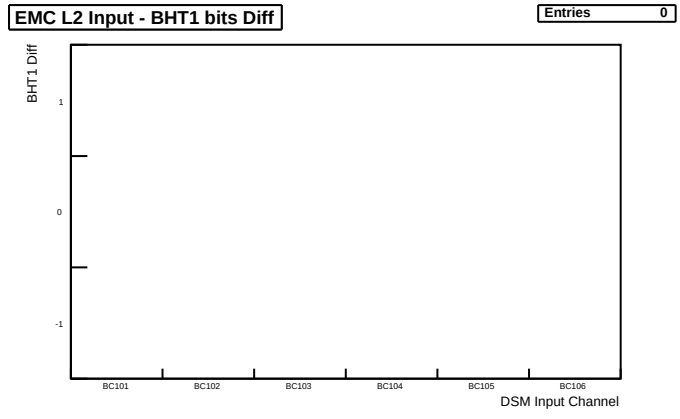

EMC L2 Input - Partial JP Sum
Entries 3.569156e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

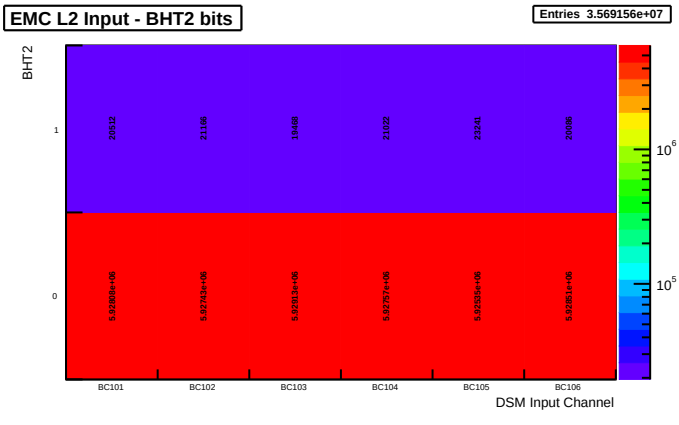

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

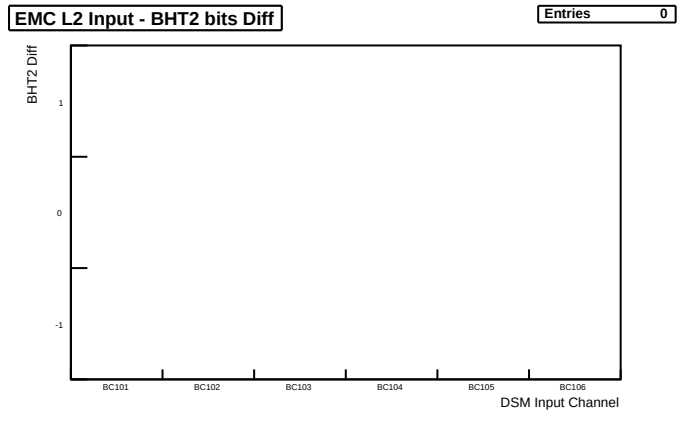

EMC L2 Input - BHT0 bits
Entries 3.569156e+07
BHT0
1
0
116977
120306
111127
117943
134534
112270
5.83172e+06
5.82329e+06
5.83747e+06
5.83065e+06
5.83409e+06
5.83632e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

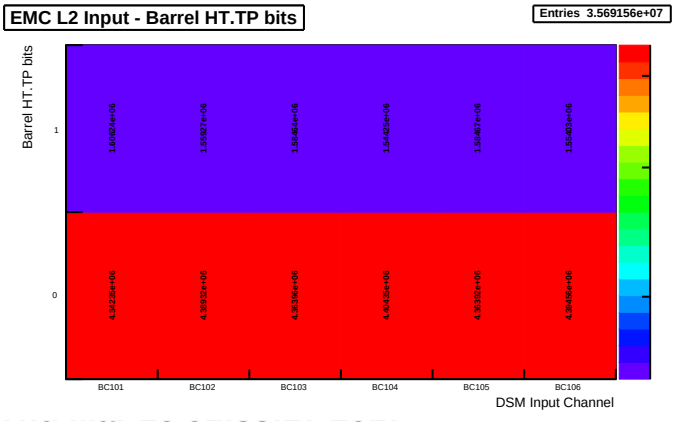

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

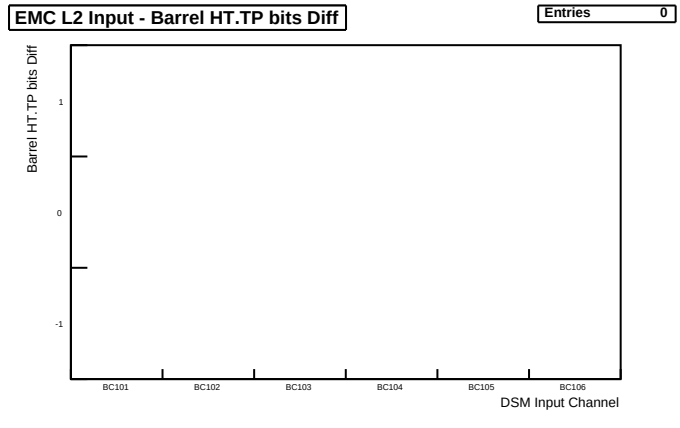

EMC L2 Input - BHT1 bits
Entries 3.569156e+07
BHT1
1
0
43503
50521
45199
49207
53880
46409
5.90009e+06
5.89807e+06
5.90246e+06
5.89939e+06
5.89271e+06
5.90218e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

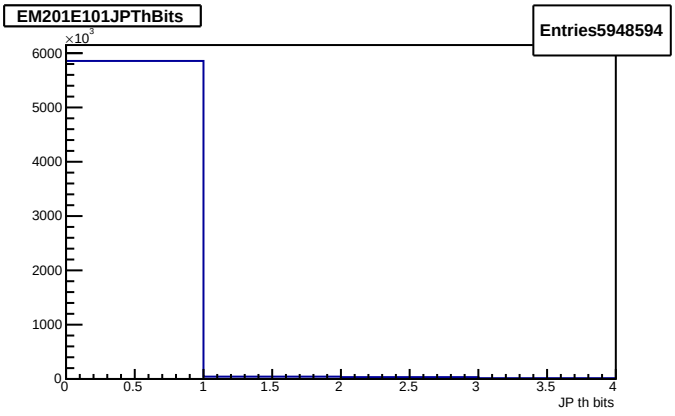

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

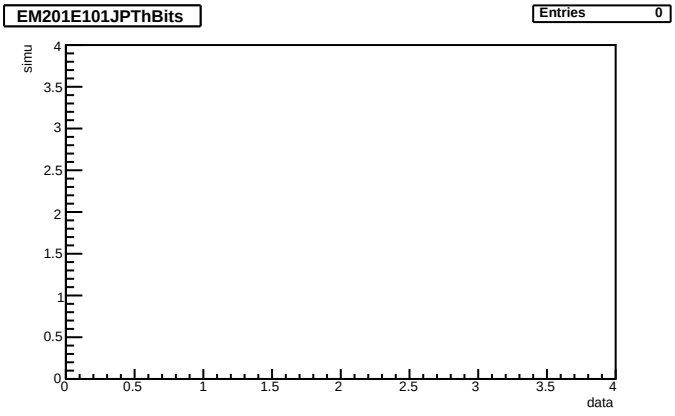

EMC L2 Input - BHT2 bits
Entries 3.569156e+07
BHT2
1
0
20512
21166
19488
21022
23241
20035
5.92808e+06
5.92753e+06
5.92913e+06
5.92757e+06
5.92555e+06
5.92851e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

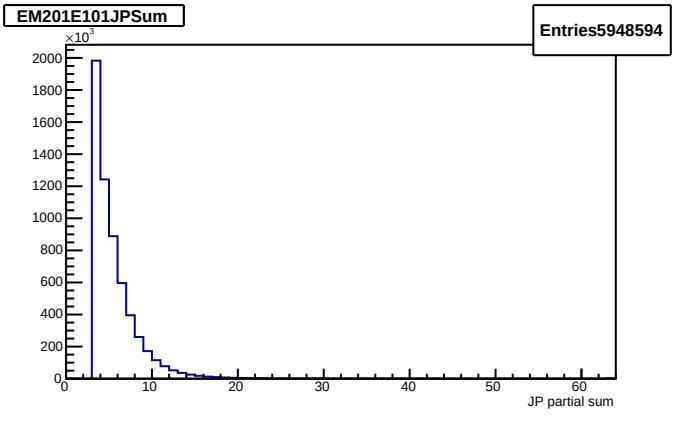

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

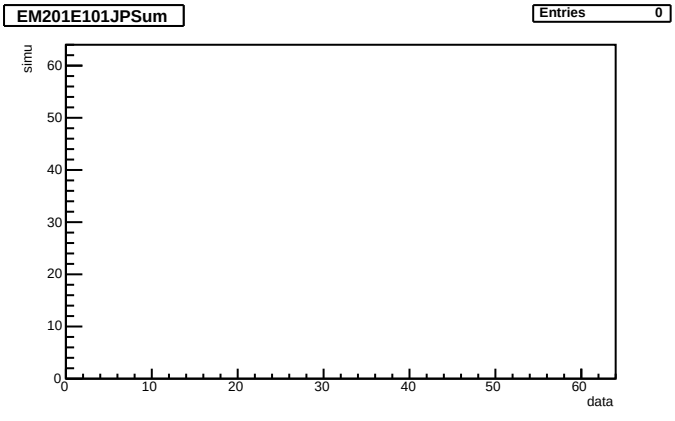

EMC L2 Input - Barrel HT.TP bits
Entries 3.569156e+07
Barrel HT.TP bits
1
0
1.60624e+06
1.55927e+06
1.56464e+06
1.54425e+06
1.56467e+06
1.55403e+06
4.34235e+06
4.38932e+06
4.36396e+06
4.40435e+06
4.36392e+06
4.39459e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

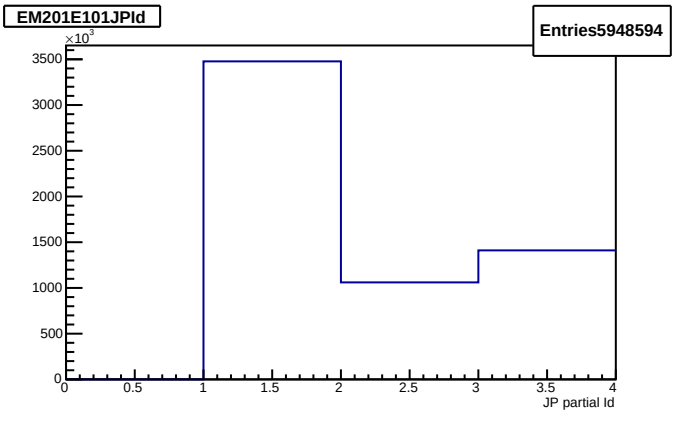

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

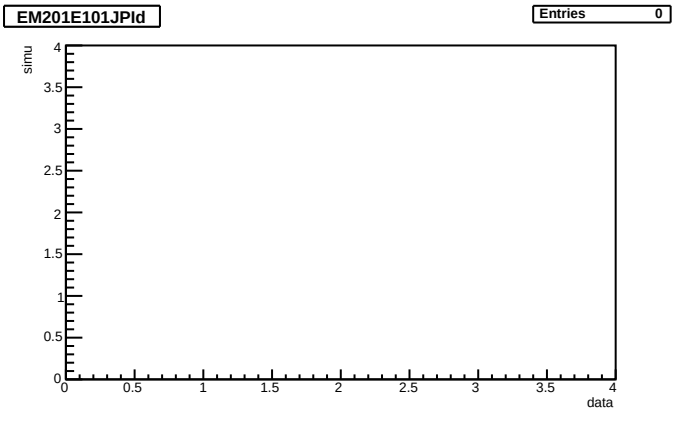

EM201E101JPThBits
Entries5948594
×10^3
JP th bits

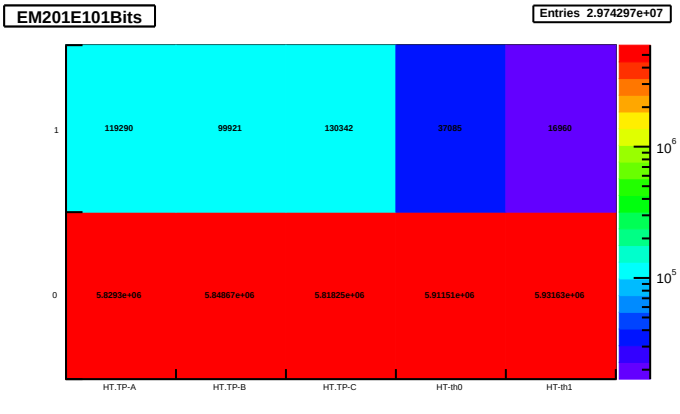

EM201E101JPThBits
Entries 0
simu
data

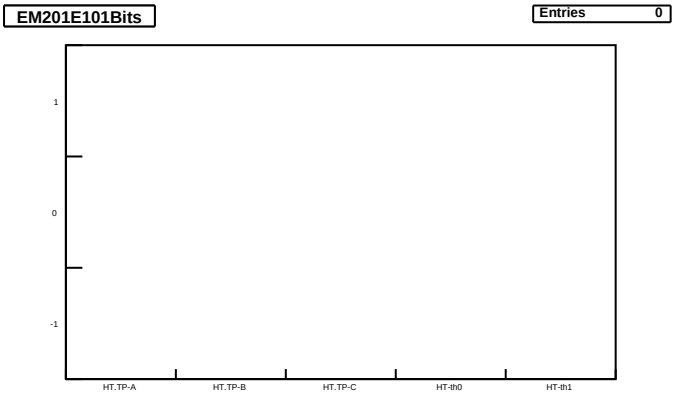

EM201E101JPSum
Entries5948594
×10^3
JP partial sum

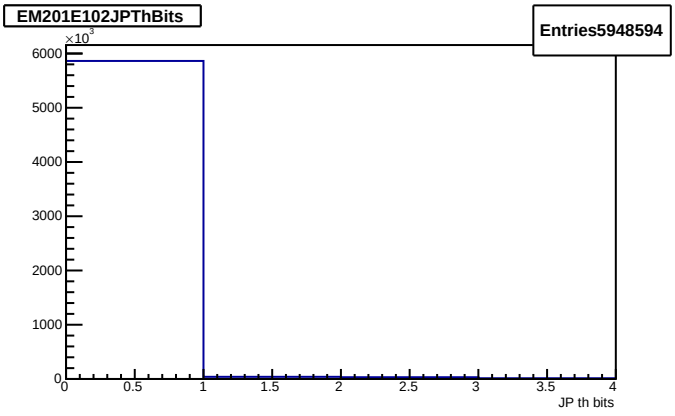

EM201E101JPSum
Entries 0
simu
data

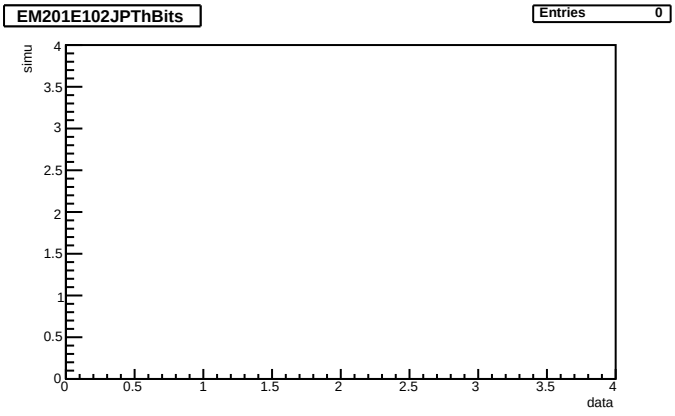

EM201E101JPId
Entries5948594
×10^3
JP partial Id

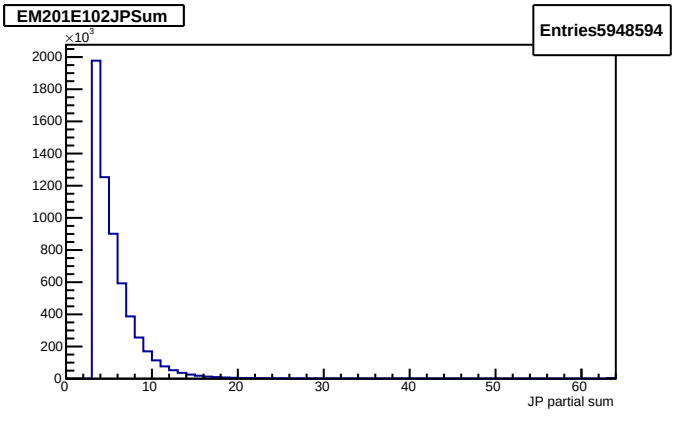

EM201E101JPId
Entries 0
simu
data

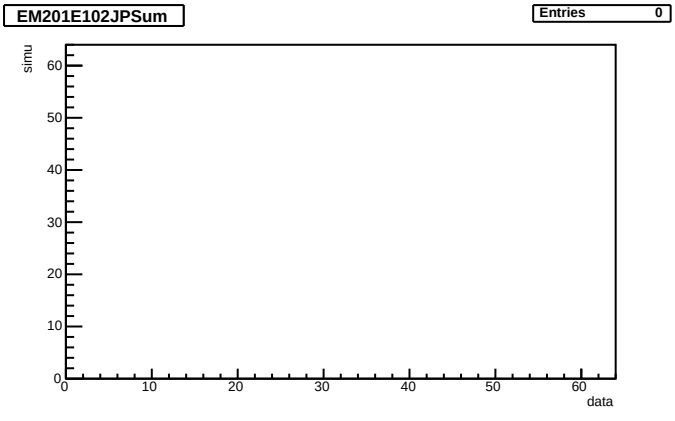

EM201E101Bits
Entries 2.974297e+07
119290
99921
130342
37085
16960
5.8293e+06
5.84867e+06
5.81825e+06
5.91151e+06
5.93163e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

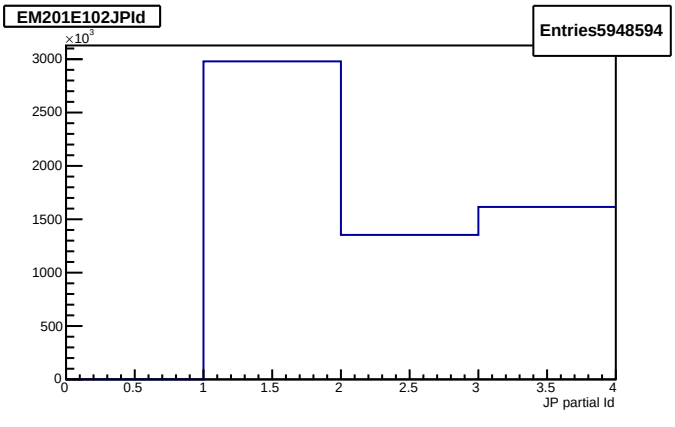

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

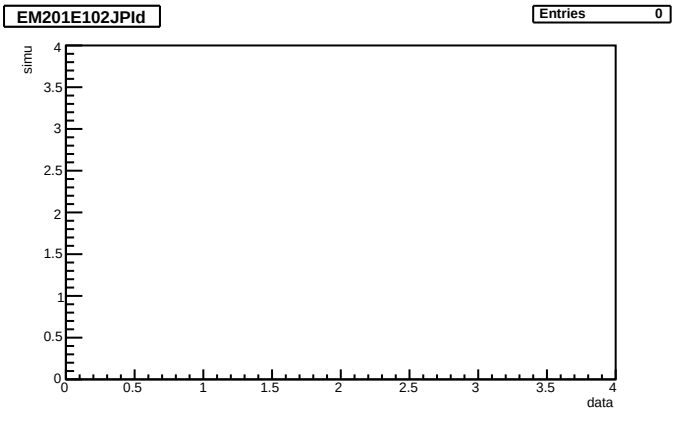

EM201E102JPThBits
Entries5948594
×10^3
JP th bits

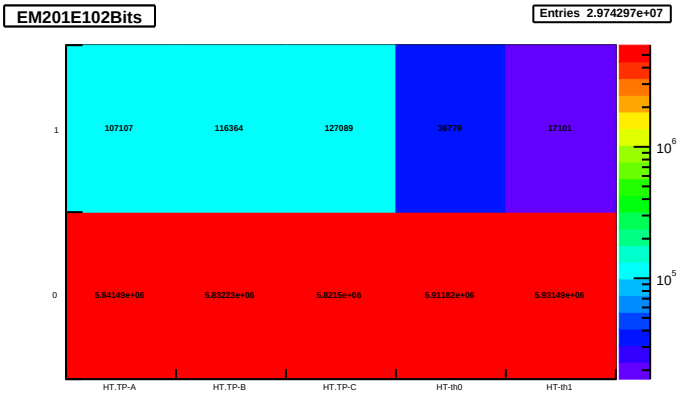

EM201E102JPThBits
Entries 0
simu
data

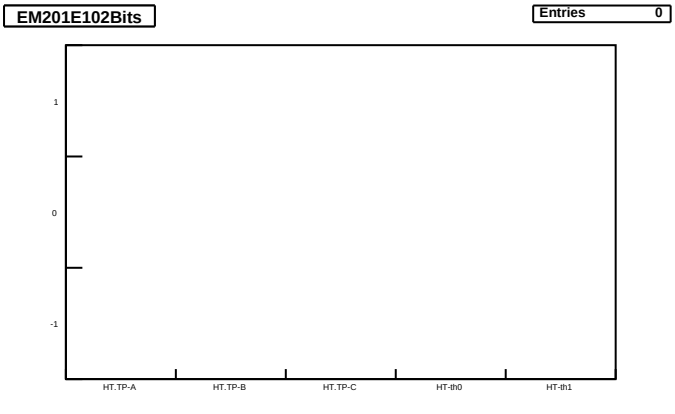

EM201E102JPSum
Entries5948594
×10^3
JP partial sum

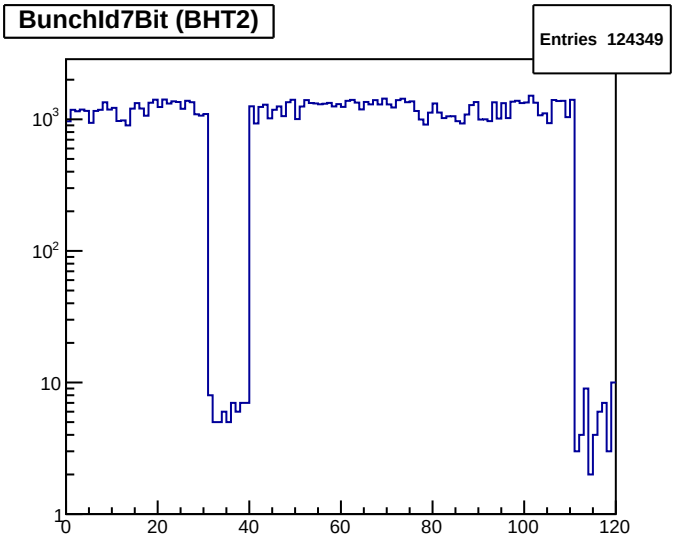

EM201E102JPSum
Entries 0
simu
data

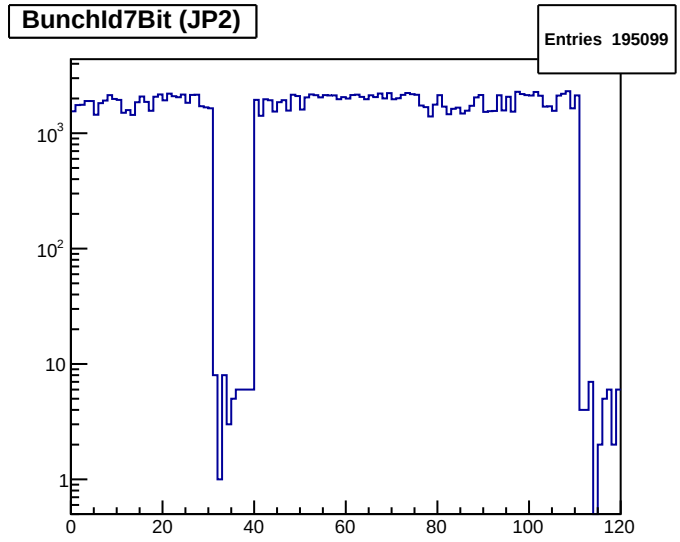

EM201E102JPId
Entries5948594
×10^3
JP partial Id

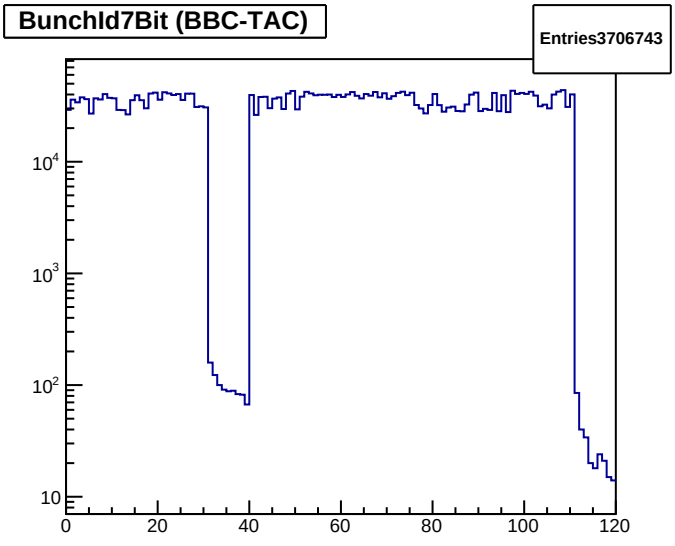

EM201E102JPId
Entries 0
simu
data

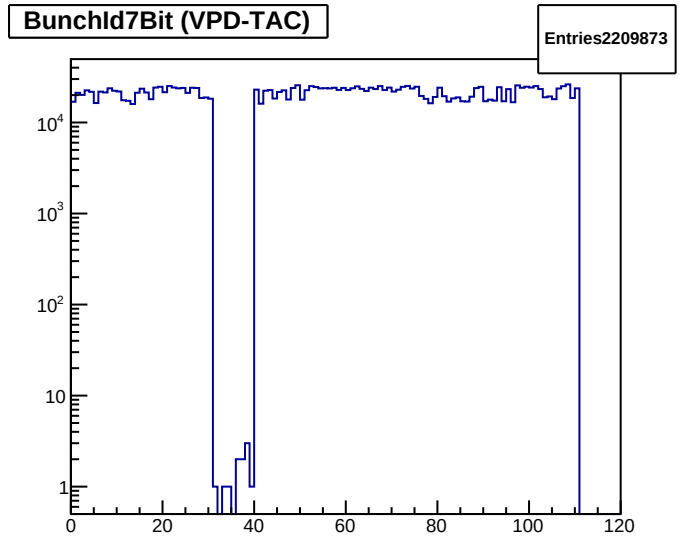

EM201E102Bits
Entries 2.974297e+07
107107
116364
127089
36779
17101
5.84149e+06
5.83223e+06
5.8215e+06
5.91182e+06
5.93149e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

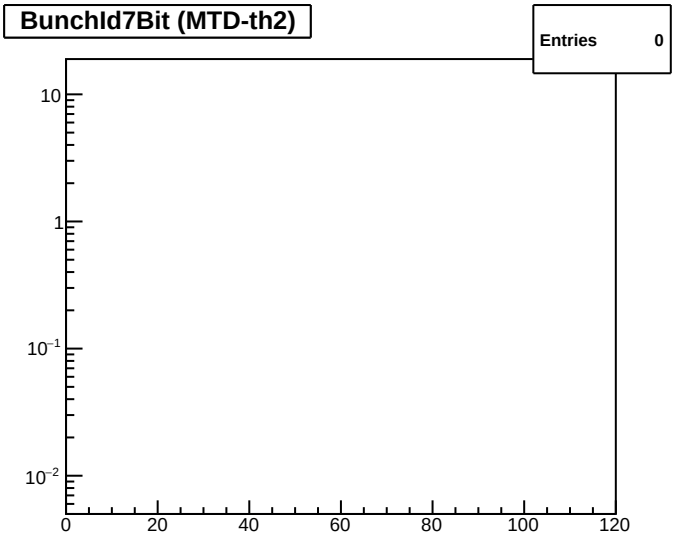

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

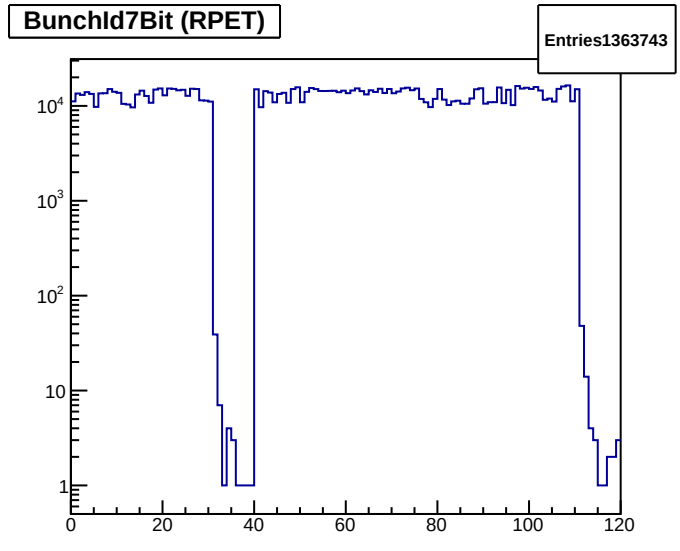

BunchId7Bit (BHT2)
Entries 124349

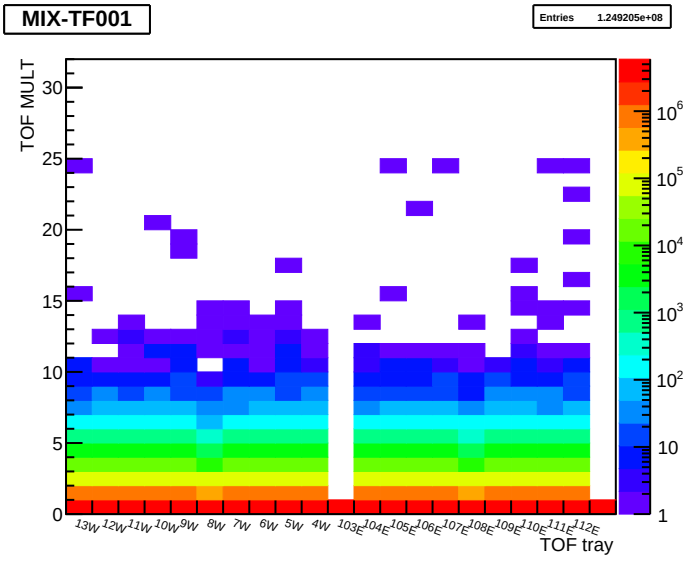

BunchId7Bit (JP2)
Entries 195099

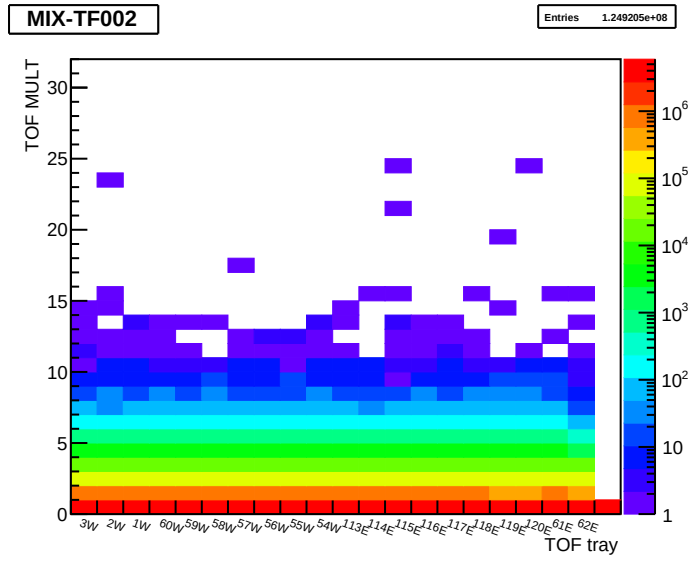

BunchId7Bit (BBC-TAC)
Entries3706743

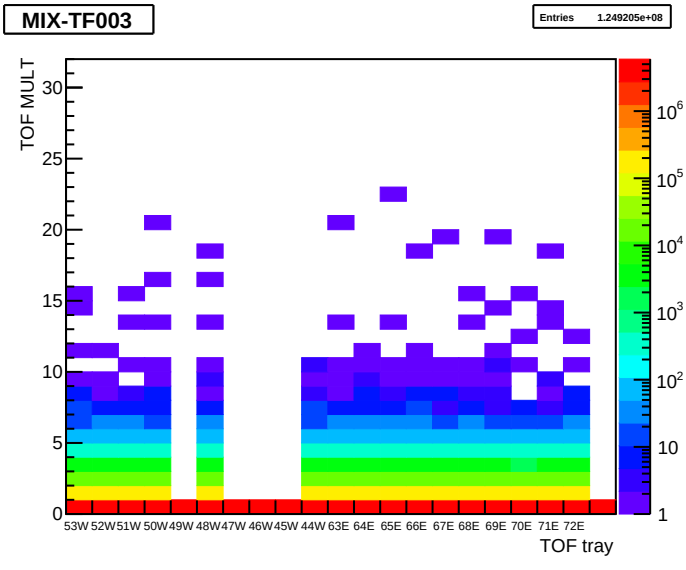

BunchId7Bit (VPD-TAC)
Entries2209873

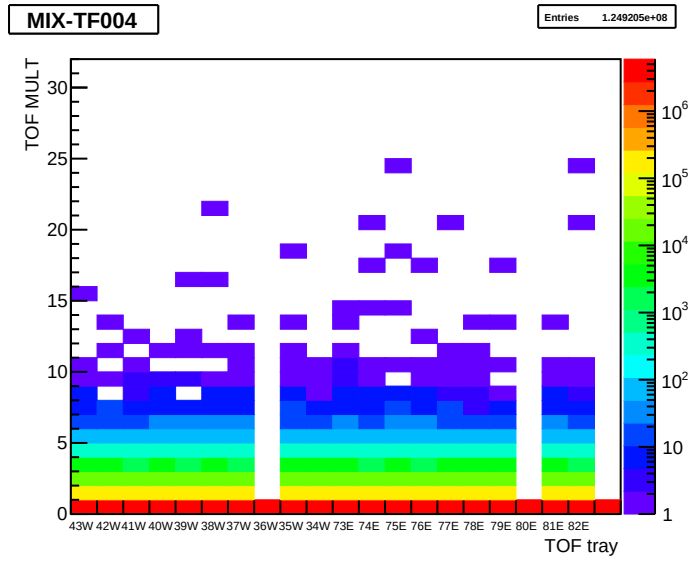

BunchId7Bit (MTD-th2)
Entries 0

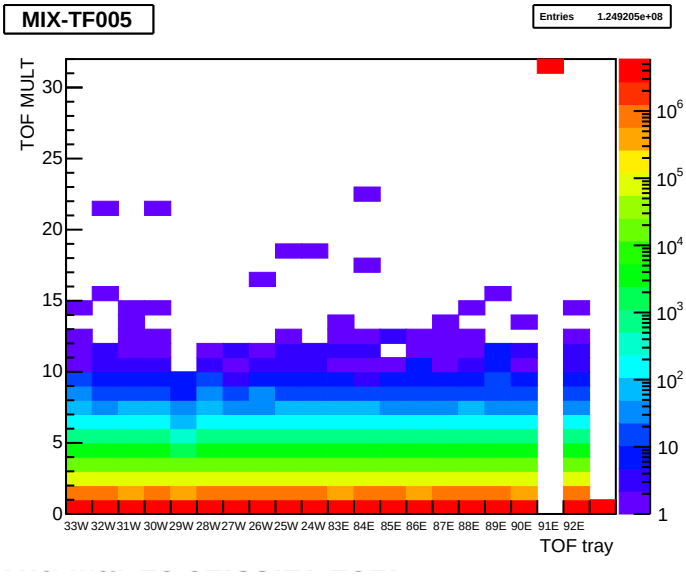

BunchId7Bit (RPET)
Entries1363743

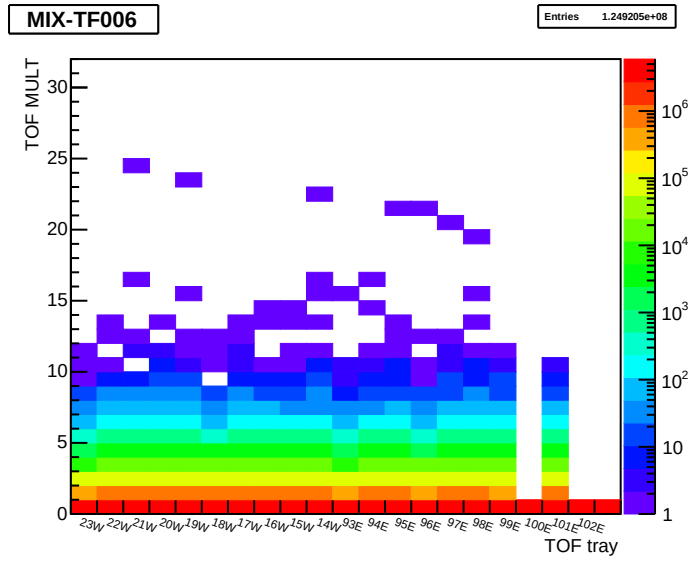

MIX-TF001
Entries 1.249205e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

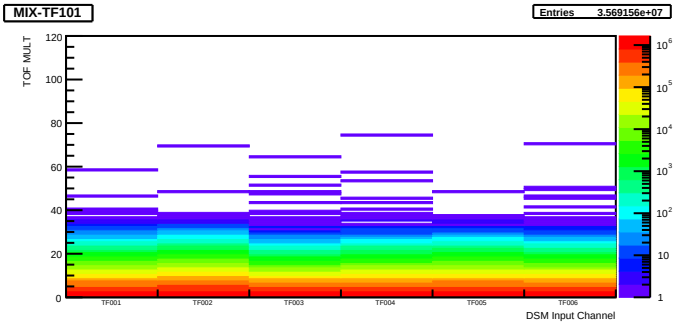

MIX-TF002
Entries 1.249205e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

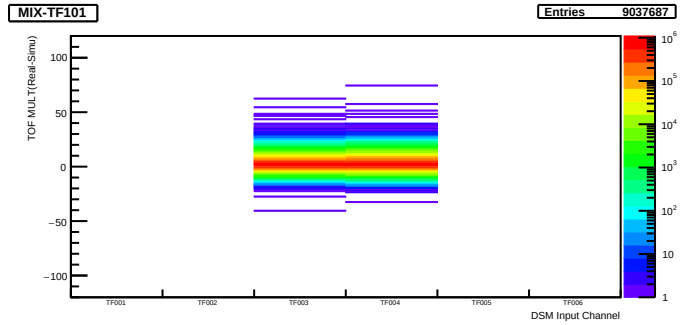

MIX-TF003
Entries 1.249205e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

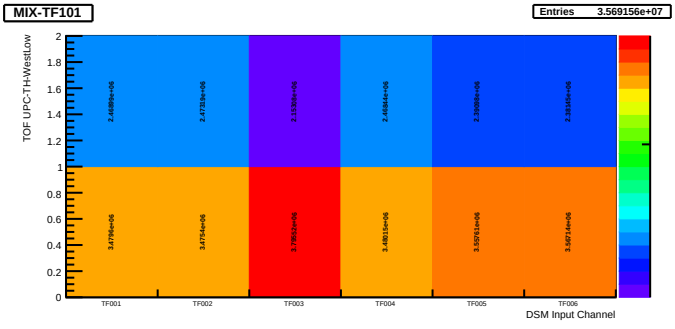

MIX-TF004
Entries 1.249205e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

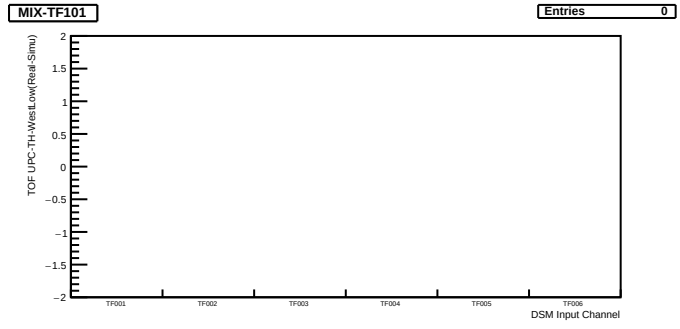

MIX-TF005
Entries 1.249205e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

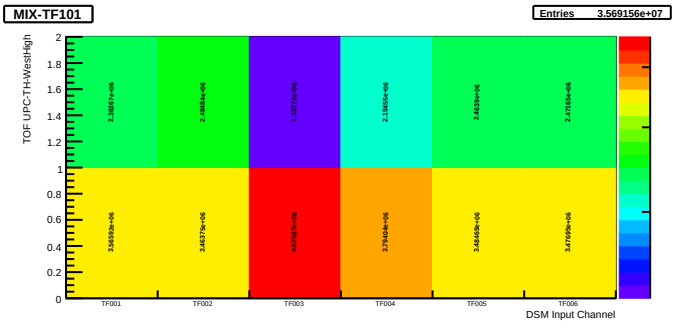

MIX-TF006
Entries 1.249205e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

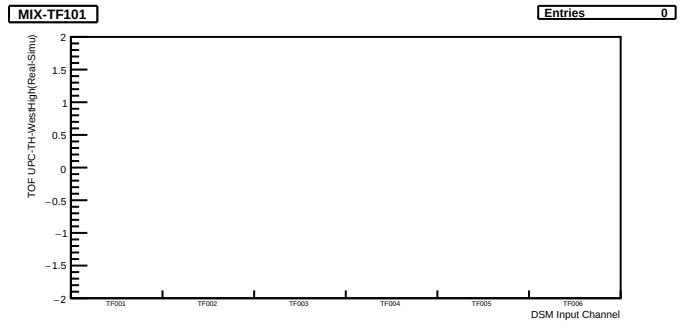

MIX-TF101
Entries 3.569156e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

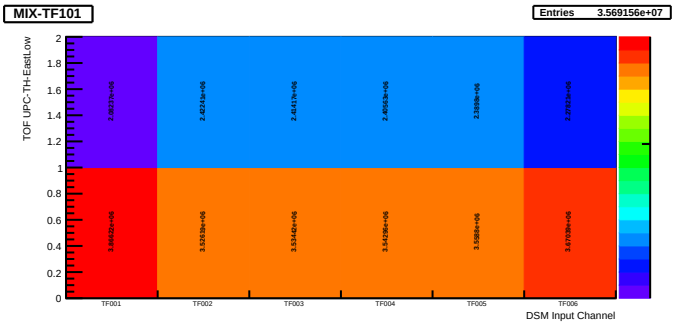

MIX-TF101
Entries 9037687
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

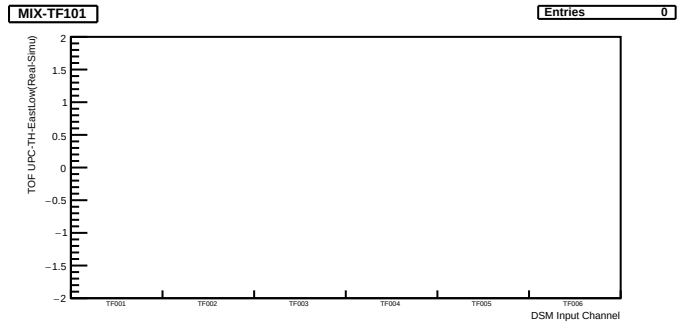

MIX-TF101
Entries 3.569156e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

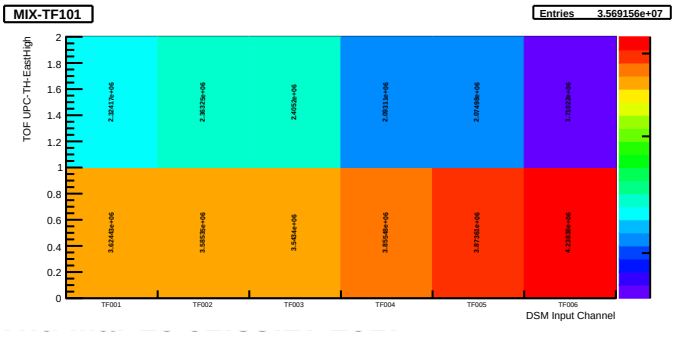

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

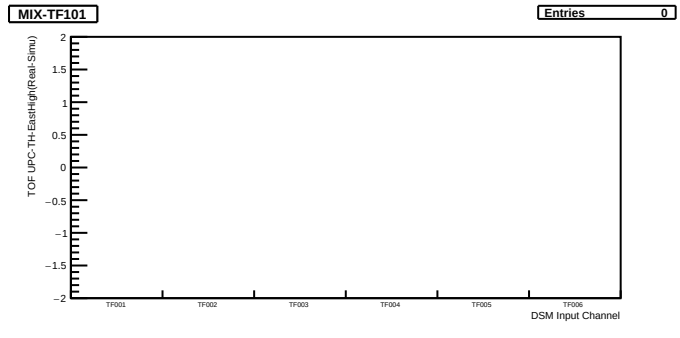

MIX-TF101
Entries 3.569156e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

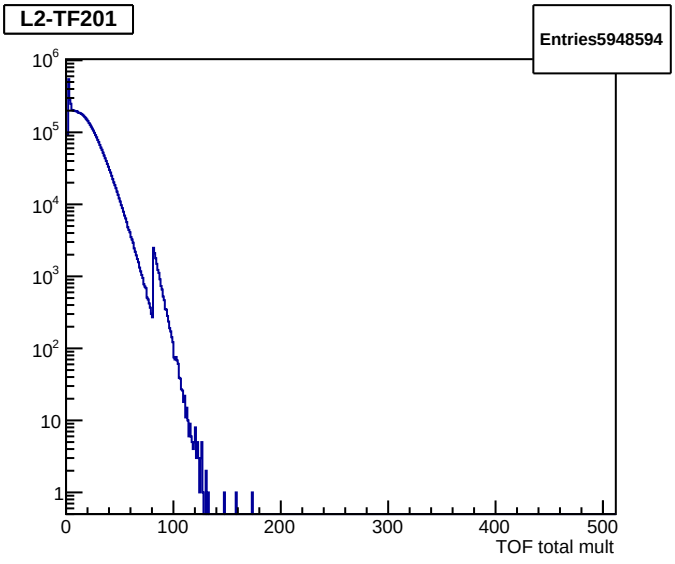

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

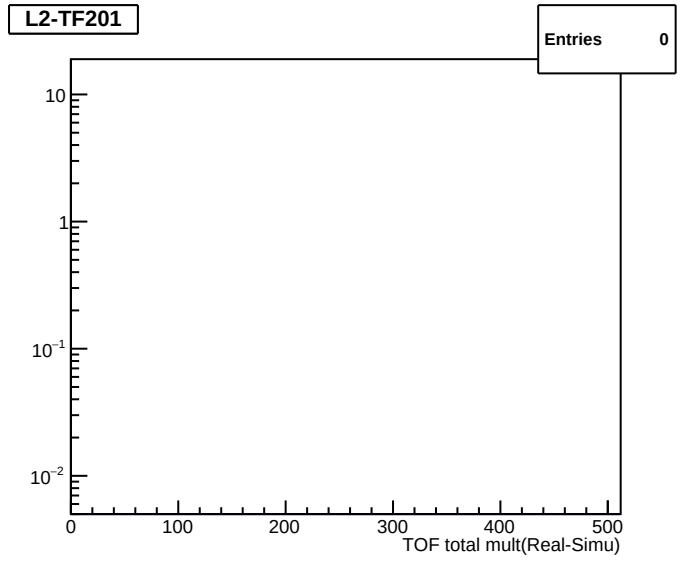

MIX-TF101
Entries 3.569156e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

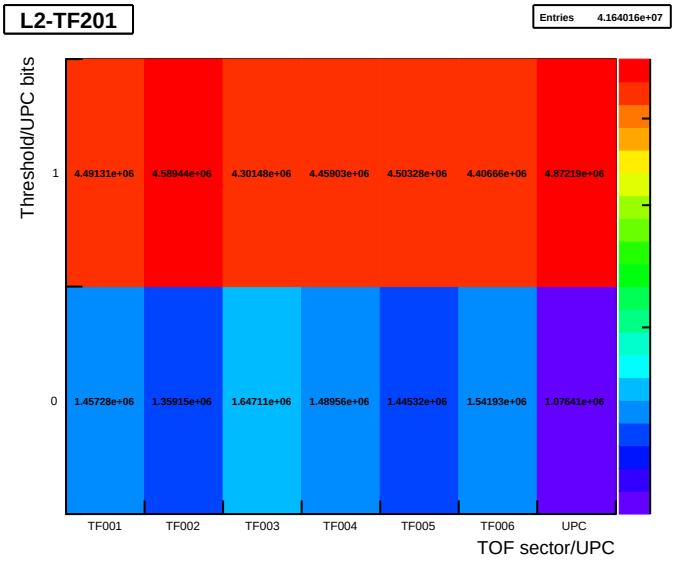

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

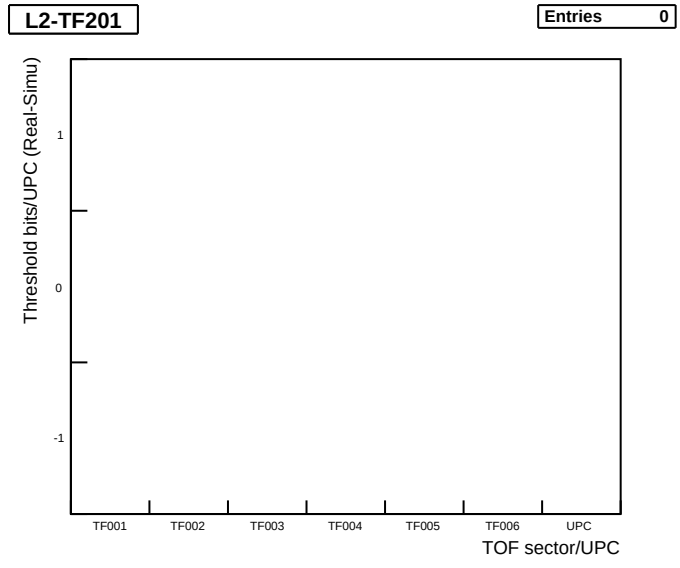

MIX-TF101
Entries 3.569156e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

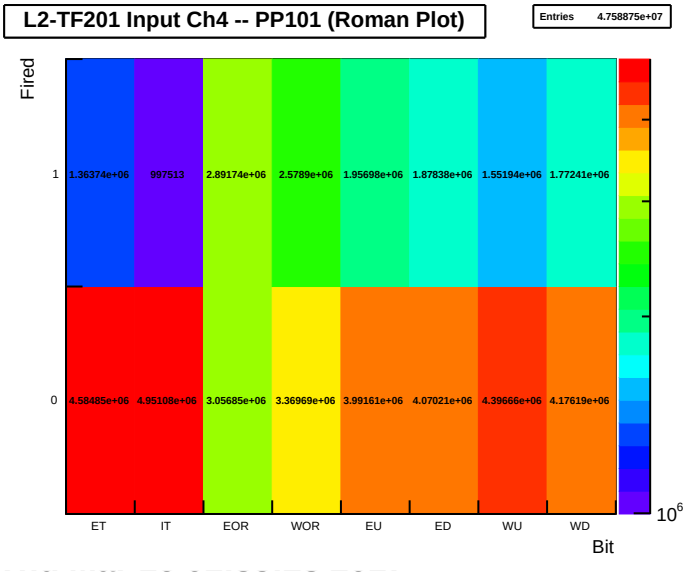

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

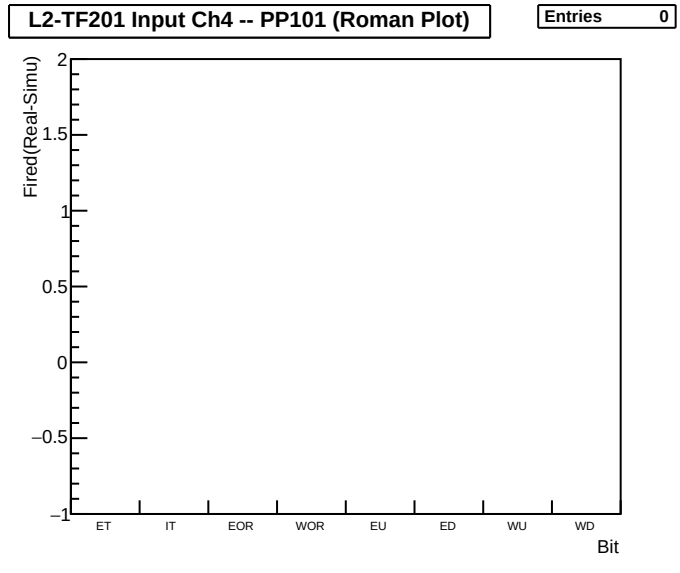

L2-TF201
Entries5948594
TOF total mult

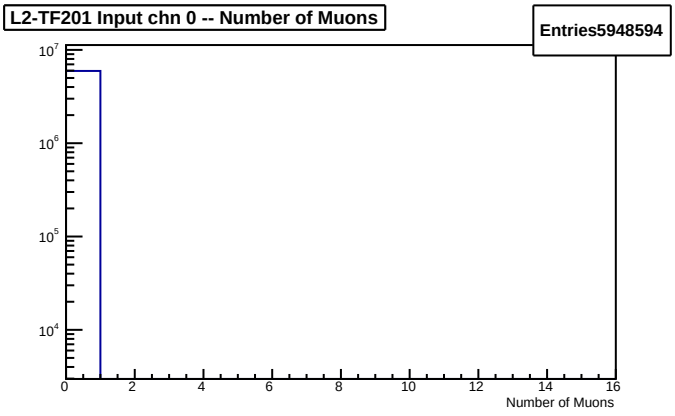

L2-TF201
Entries 0
TOF total mult(Real-Simu)

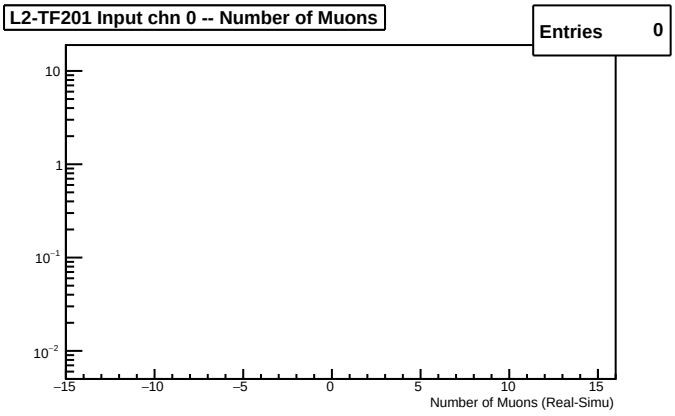

L2-TF201
Entries 4.164016e+07
Threshold/UPC bits
4.49131e+06
4.58944e+06
4.30148e+06
4.45903e+06
4.50328e+06
4.40666e+06
4.87219e+06
1.45728e+06
1.35915e+06
1.64711e+06
1.48956e+06
1.44532e+06
1.54193e+06
1.07641e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

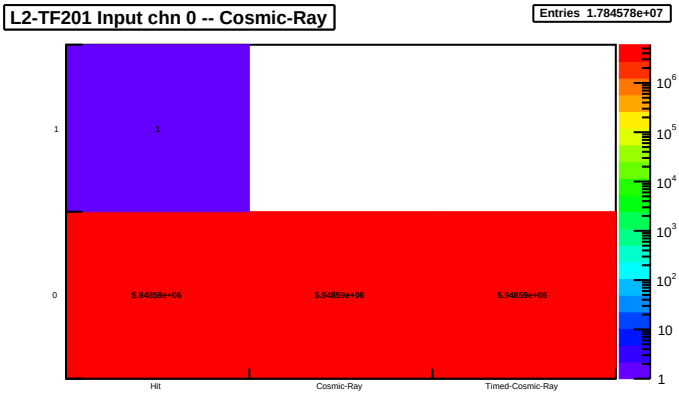

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

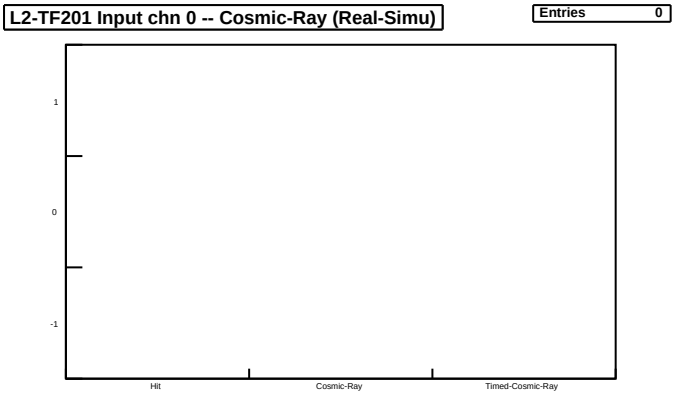

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.758875e+07
Fired
1.36374e+06
997513
2.89174e+06
2.5789e+06
1.95698e+06
1.87838e+06
1.55194e+06
1.77241e+06
4.58485e+06
4.95108e+06
3.05685e+06
3.36969e+06
3.99161e+06
4.07021e+06
4.39666e+06
4.17619e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

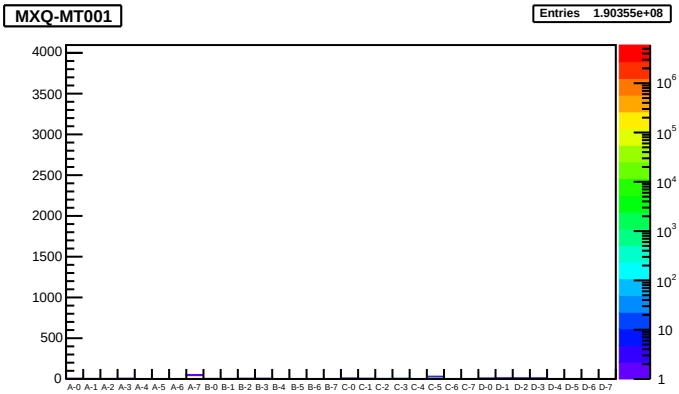

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

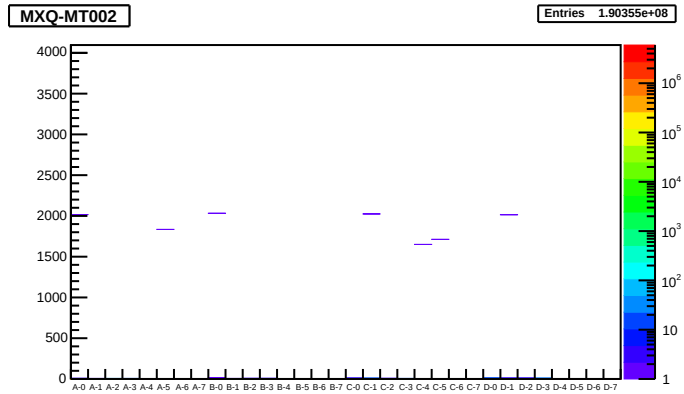

L2-TF201 Input chn 0 -- Number of Muons
Entries5948594
Number of Muons

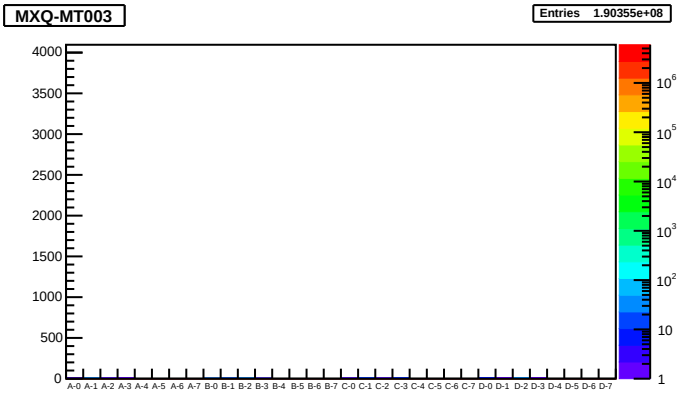

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

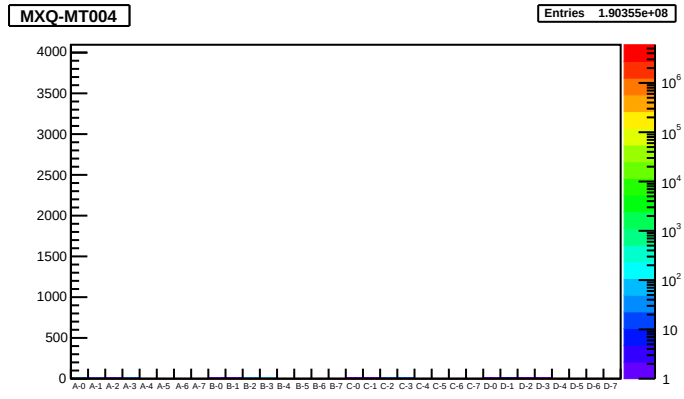

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.784578e+07
5.94859e+06
5.94859e+06
5.94859e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

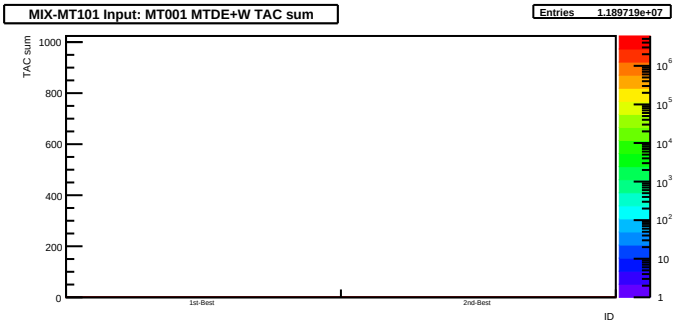

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

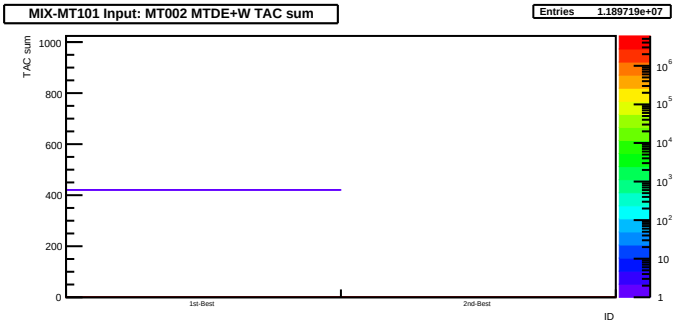

MXQ-MT001
Entries 1.90355e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

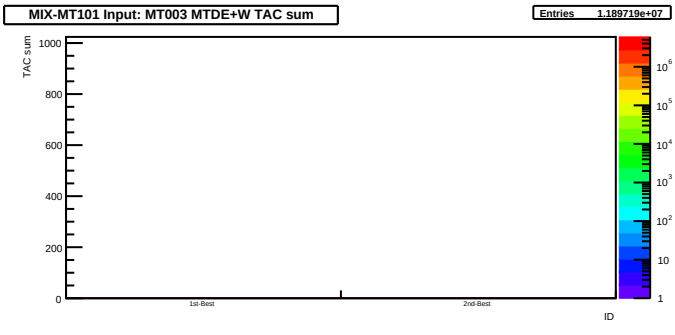

MXQ-MT002
Entries 1.90355e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

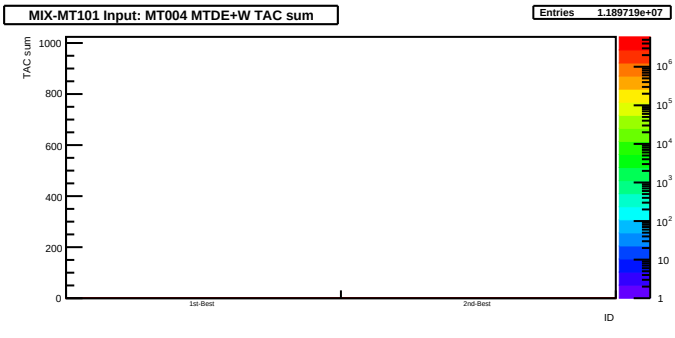

MXQ-MT003
Entries 1.90355e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

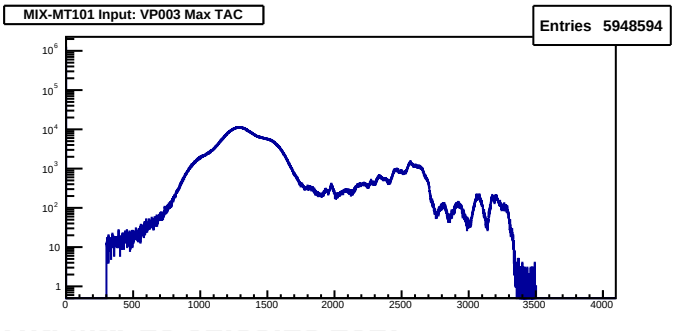

MXQ-MT004
Entries 1.90355e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

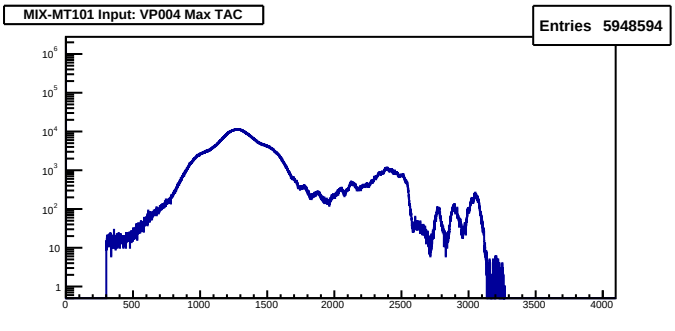

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.189719e+07
TAC sum
1st-Best
2nd-Best
ID

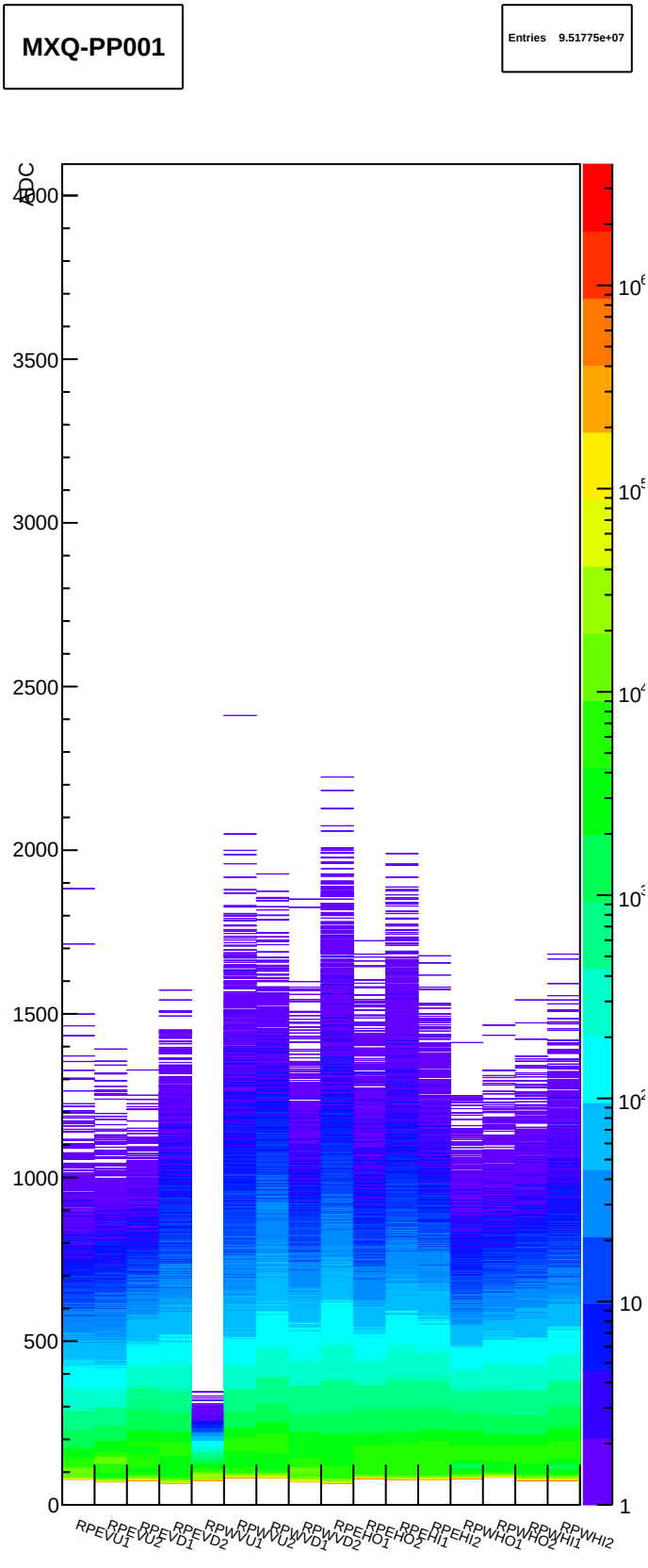

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.189719e+07
TAC sum
1st-Best
2nd-Best
ID

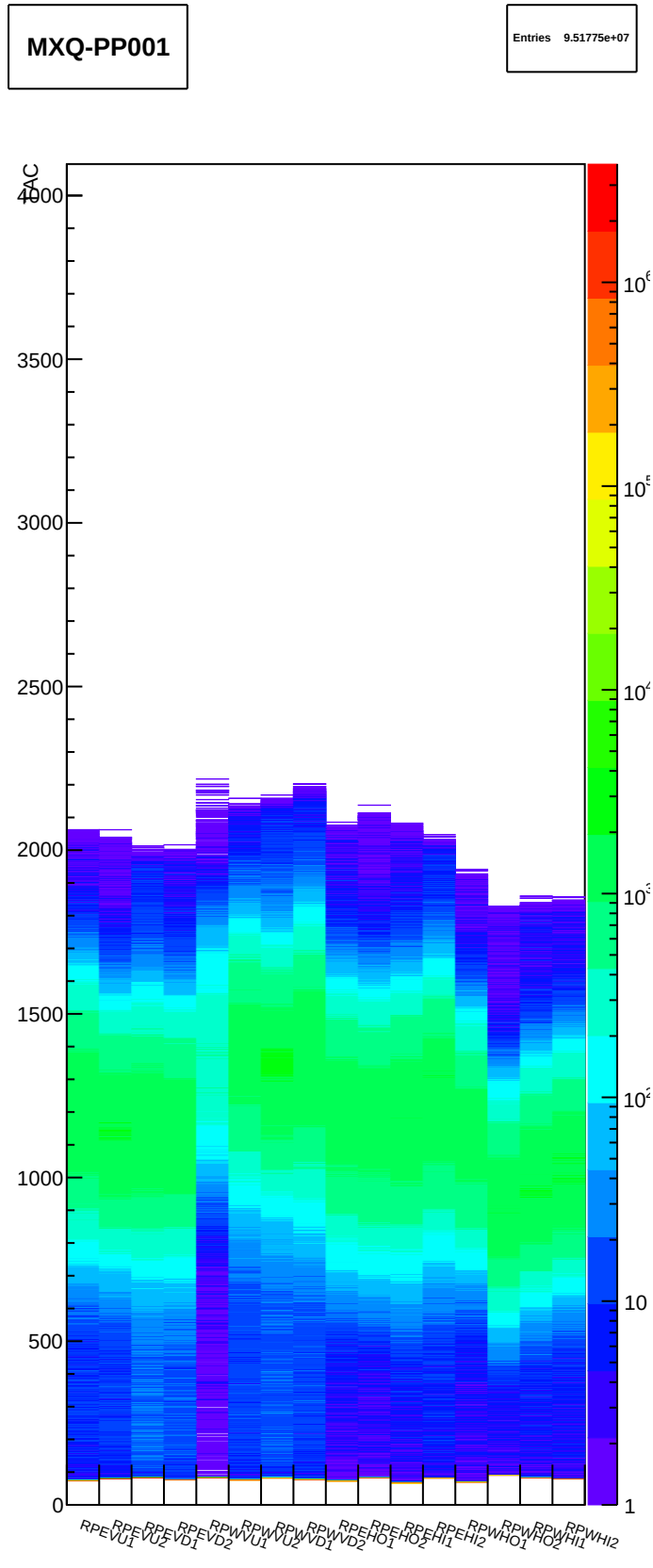

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.189719e+07
TAC sum
1st-Best
2nd-Best
ID

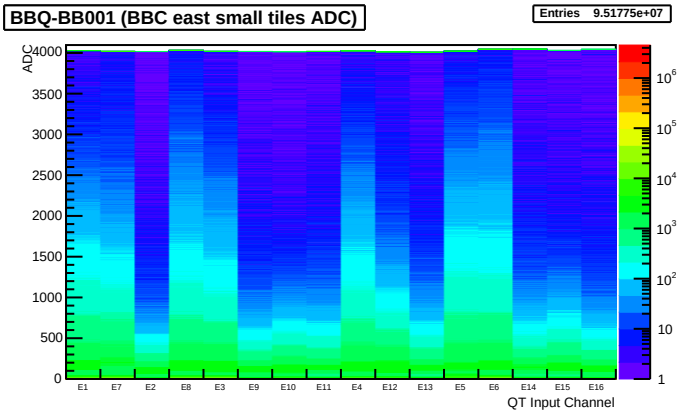

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.189719e+07
TAC sum
1st-Best
2nd-Best
ID

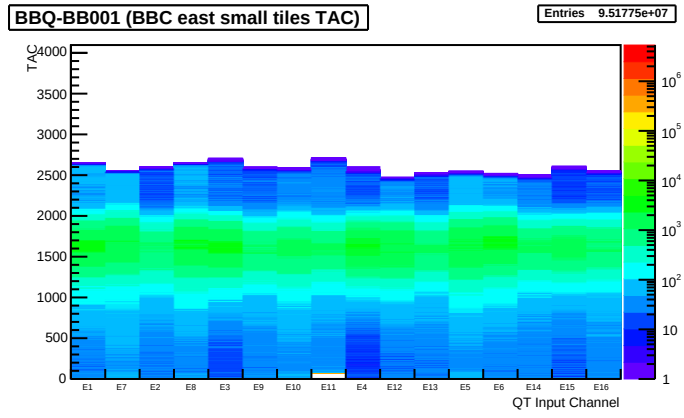

MIX-MT101 Input: VP003 Max TAC
Entries 5948594

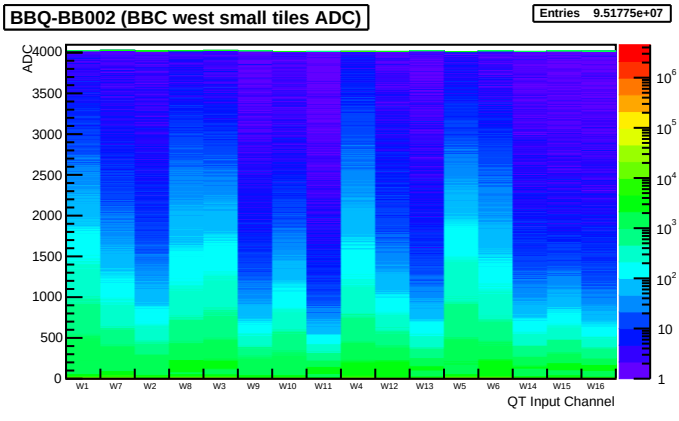

MIX-MT101 Input: VP004 Max TAC
Entries 5948594

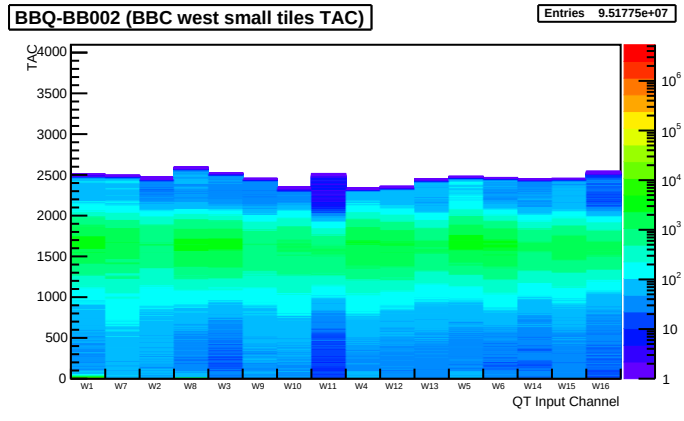

MXQ-PP001
Entries 9.51775e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

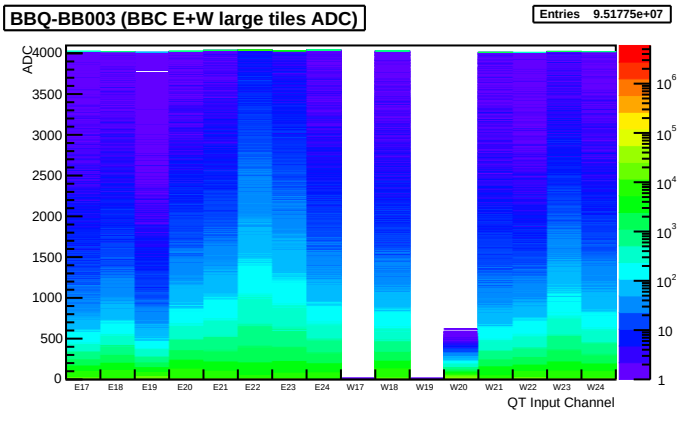

MXQ-PP001
Entries 9.51775e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

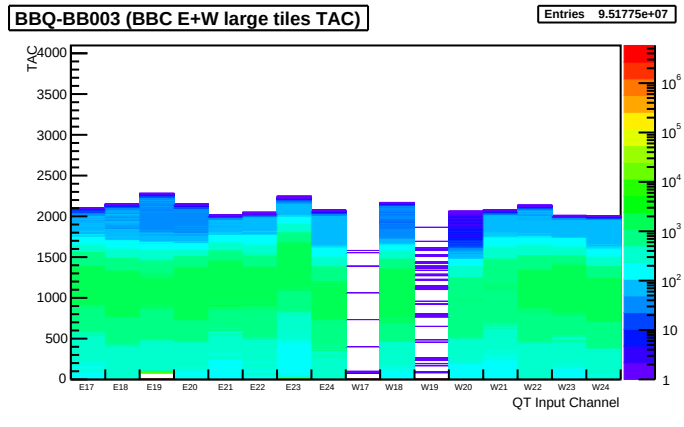

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.51775e+07
ADC
QT Input Channel

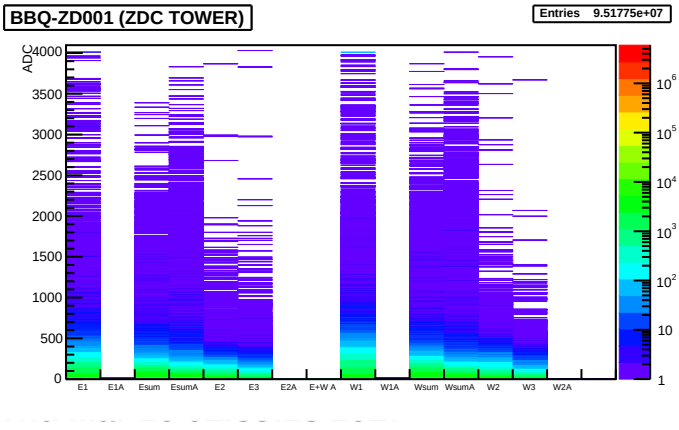

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.51775e+07
TAC
QT Input Channel

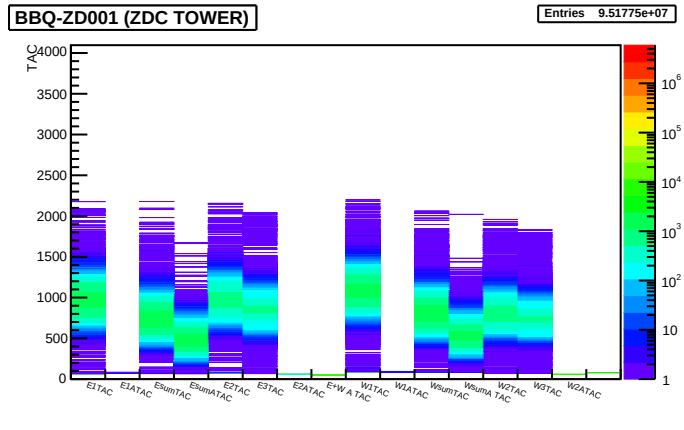

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.51775e+07
ADC
QT Input Channel

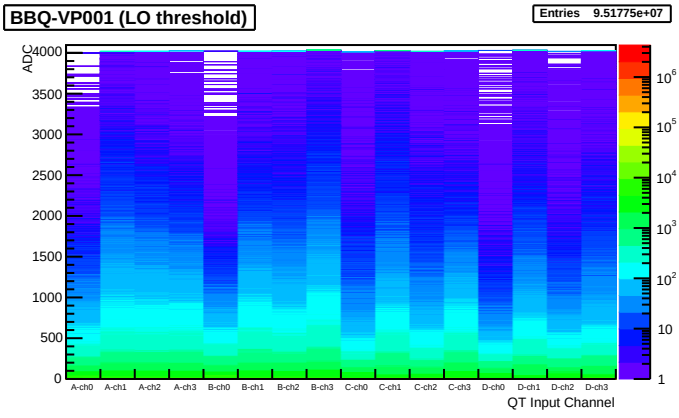

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.51775e+07
TAC
QT Input Channel

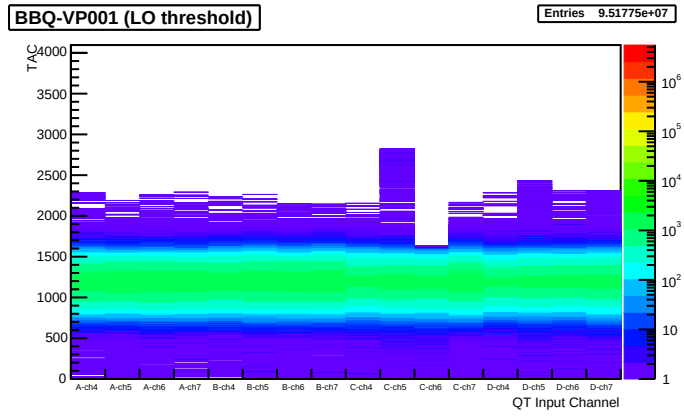

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.51775e+07
ADC
QT Input Channel

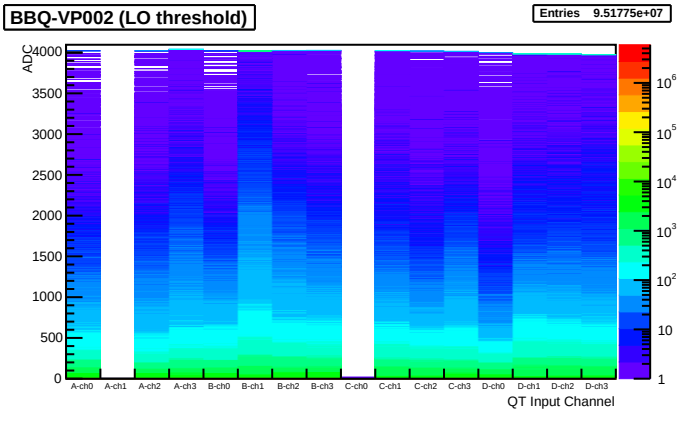

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.51775e+07
TAC
QT Input Channel

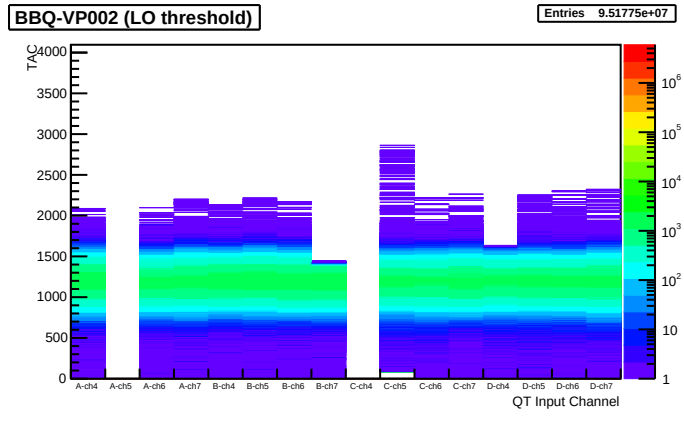

BBQ-ZD001 (ZDC TOWER)
Entries 9.51775e+07
ADC

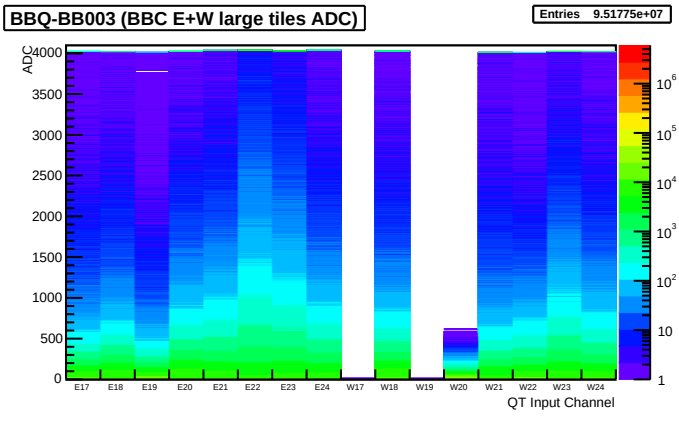

BBQ-ZD001 (ZDC TOWER)
Entries 9.51775e+07
TAC

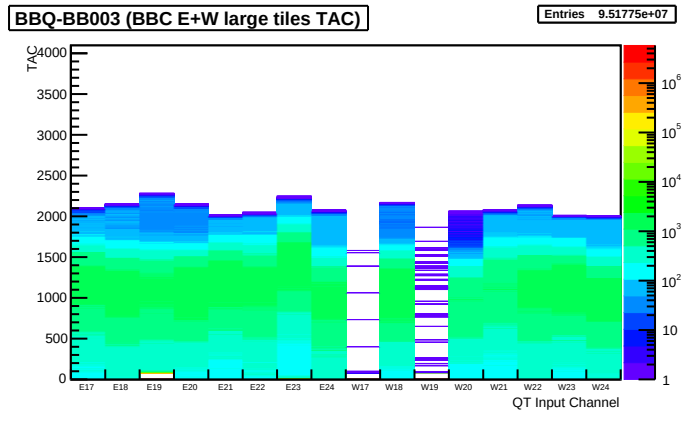

BBQ-VP001 (LO threshold)
Entries 9.51775e+07
ADC
QT Input Channel

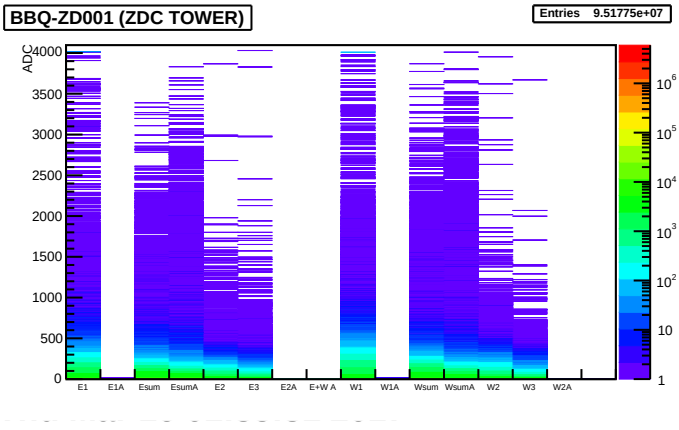

BBQ-VP001 (LO threshold)
Entries 9.51775e+07
TAC
QT Input Channel

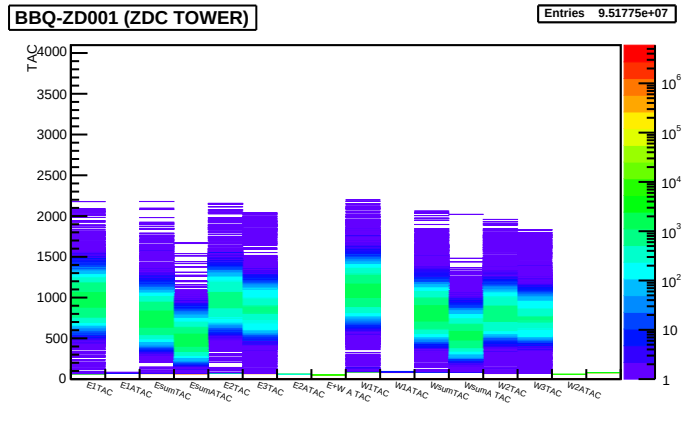

BBQ-VP002 (LO threshold)
Entries 9.51775e+07
ADC
QT Input Channel

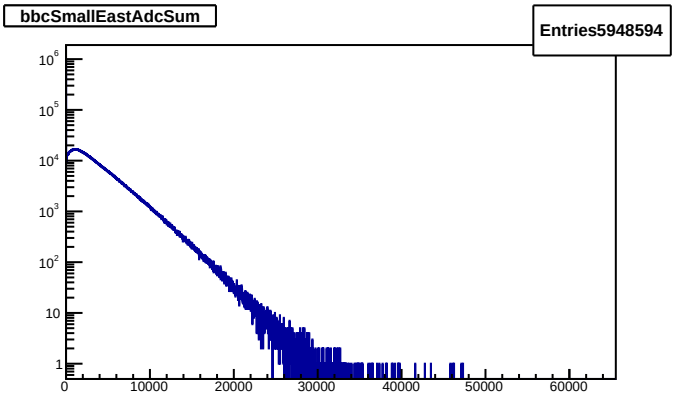

BBQ-VP002 (LO threshold)
Entries 9.51775e+07
TAC
QT Input Channel

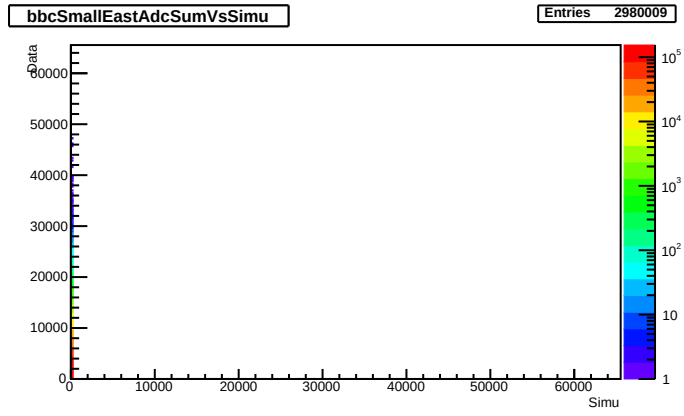

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.51775e+07
ADC
QT Input Channel

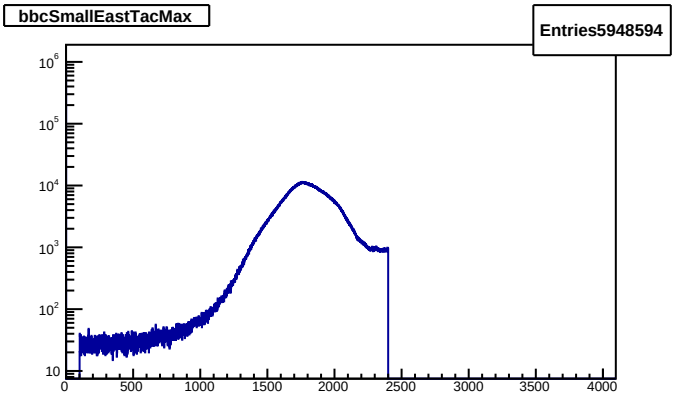

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.51775e+07
TAC
QT Input Channel

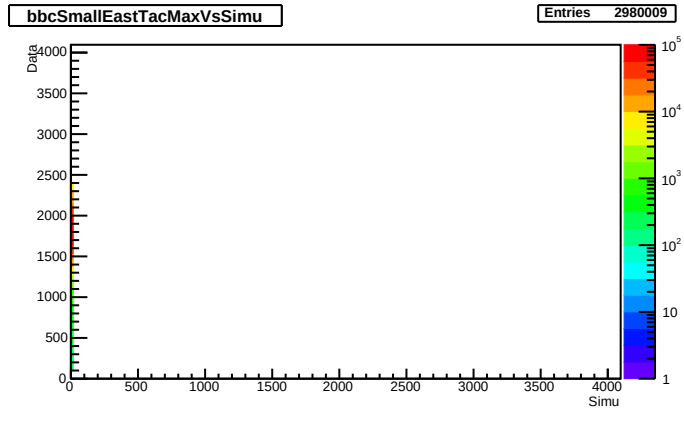

BBQ-ZD001 (ZDC TOWER)
Entries 9.51775e+07
ADC

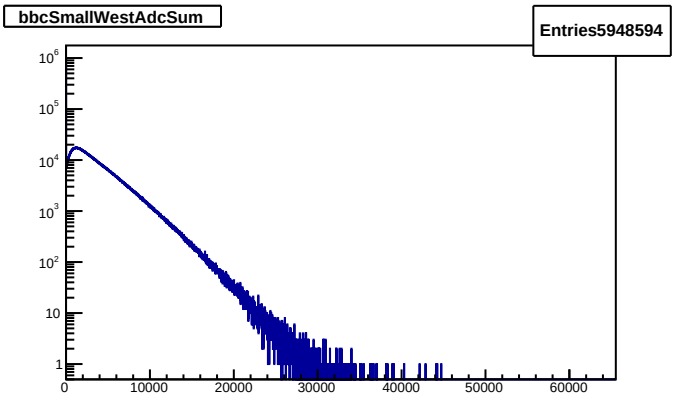

BBQ-ZD001 (ZDC TOWER)
Entries 9.51775e+07
TAC

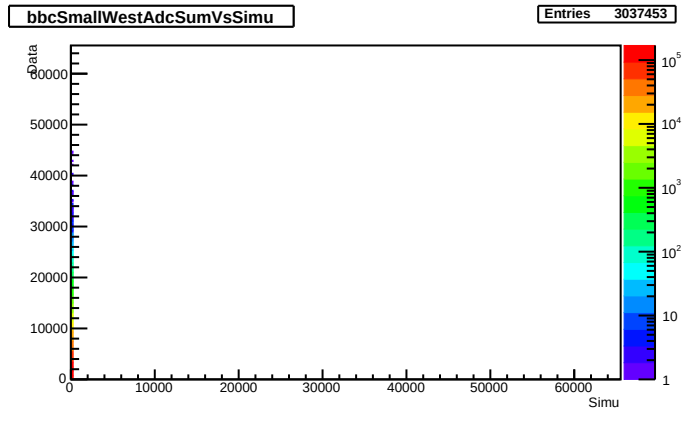

bbcSmallEastAdcSum
Entries5948594

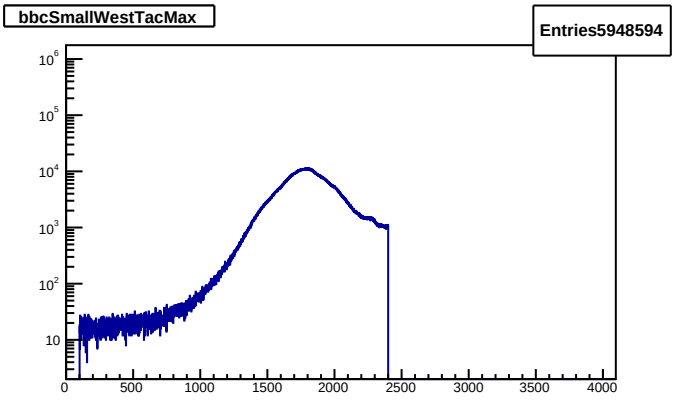

bbcSmallEastAdcSumVsSimu
Entries 2980009
Data
Simu

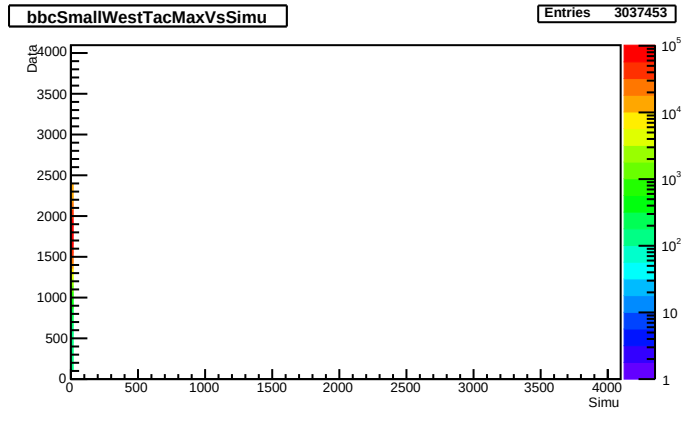

bbcSmallEastTacMax
Entries5948594

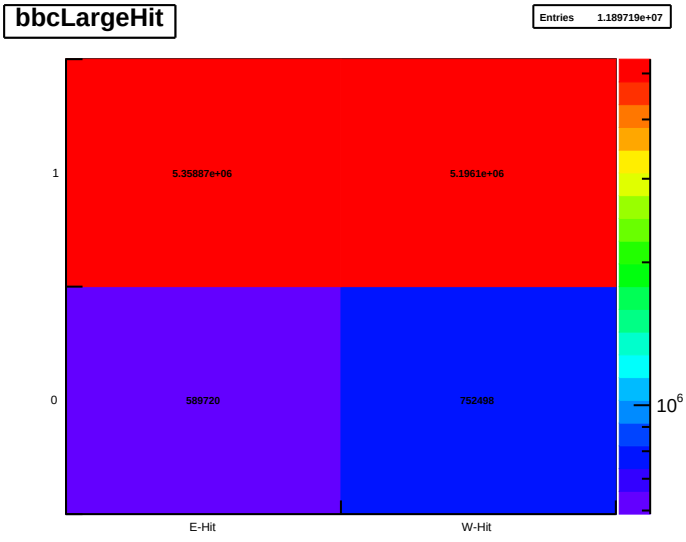

bbcSmallEastTacMaxVsSimu
Entries 2980009
Data
Simu

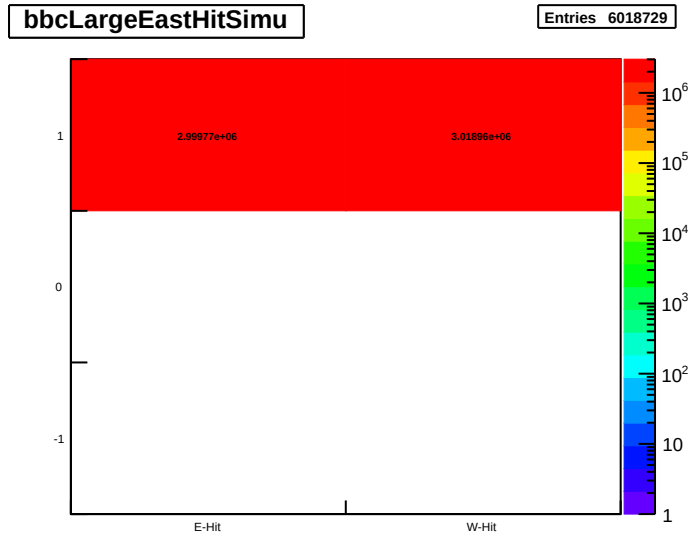

bbcSmallWestAdcSum
Entries5948594

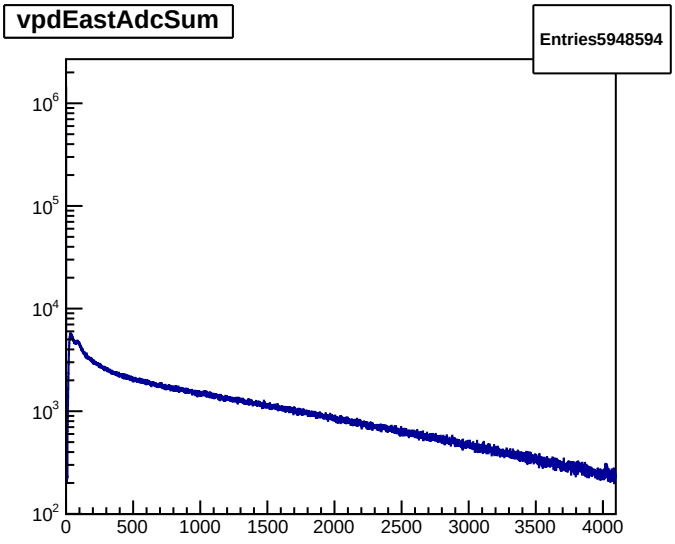

bbcSmallWestAdcSumVsSimu
Entries 3037453
Data
Simu

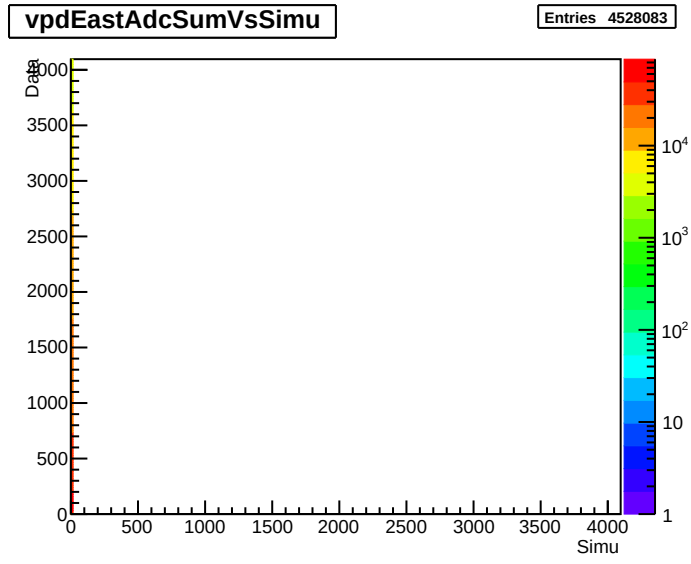

bbcSmallWestTacMax
Entries5948594

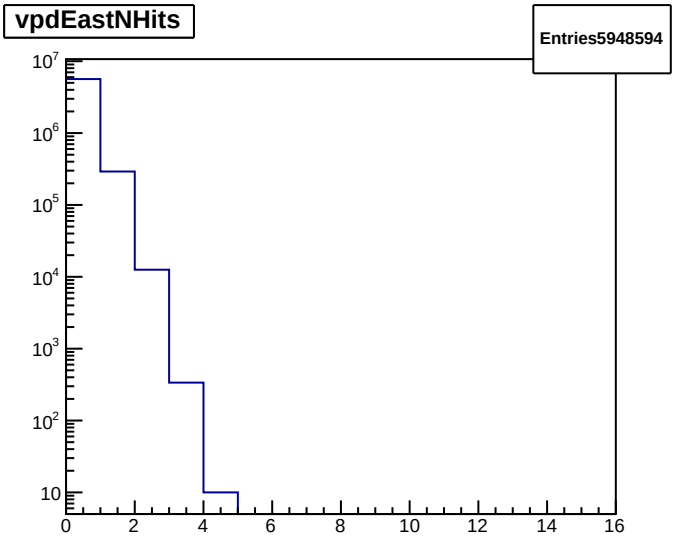

bbcSmallWestTacMaxVsSimu
Entries 3037453
Data
Simu

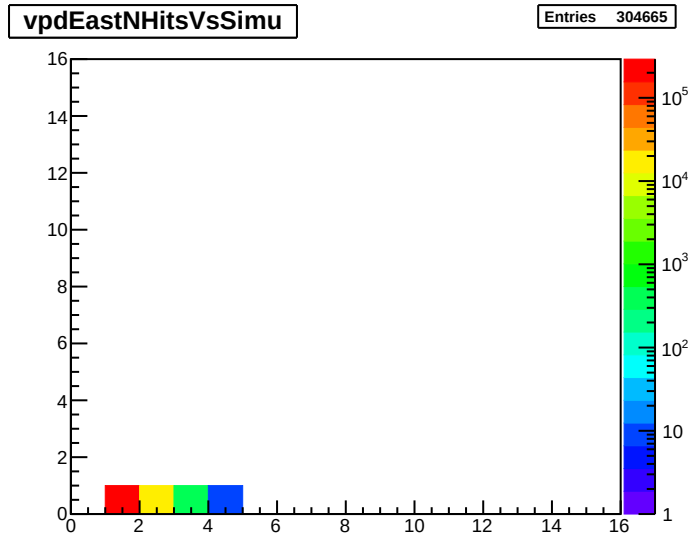

bbcLargeHit
Entries 1.189719e+07
1
0
5.35887e+06
5.1961e+06
589720
752498
E-Hit
W-Hit
10^6

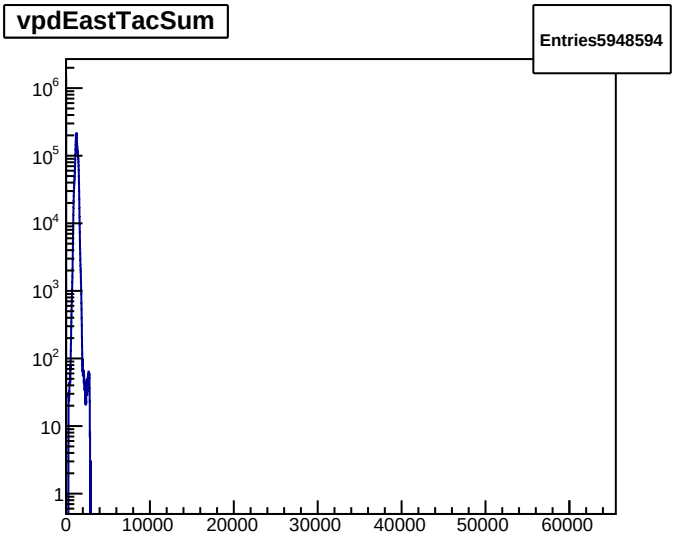

bbcLargeEastHitSimu
Entries 6018729
1
0
-1
2.99977e+06
3.01896e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

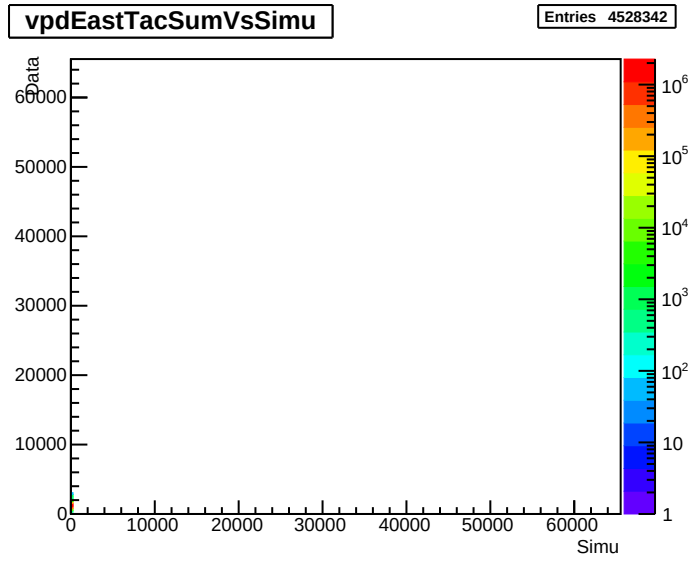

vpdEastAdcSum
Entries5948594

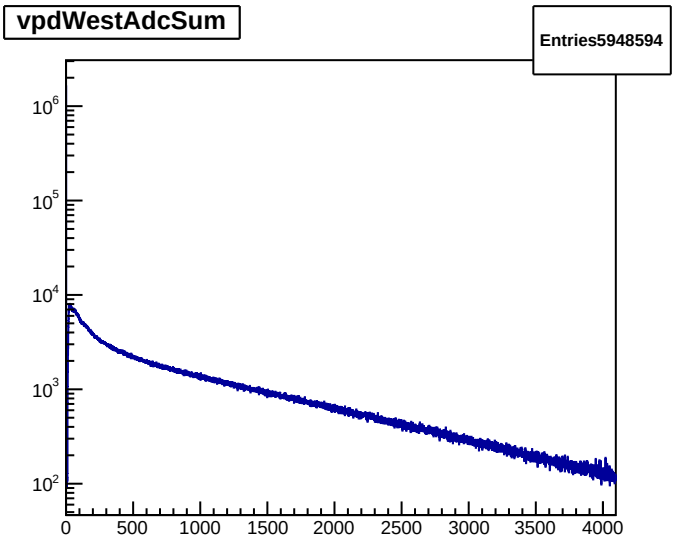

vpdEastAdcSumVsSimu
Entries 4528083
Data
Simu

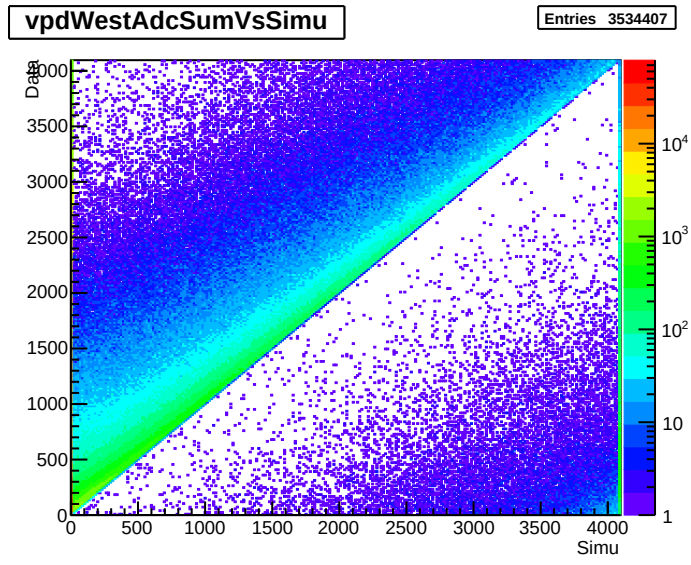

vpdEastNHits
Entries5948594

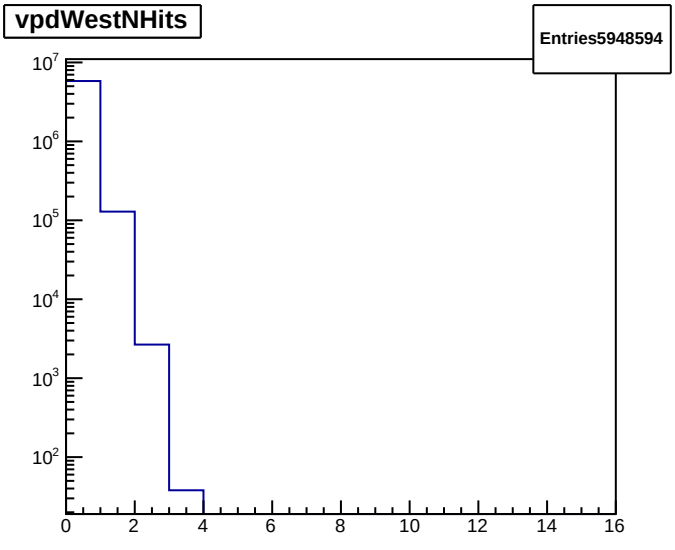

vpdEastNHitsVsSimu
Entries 304665

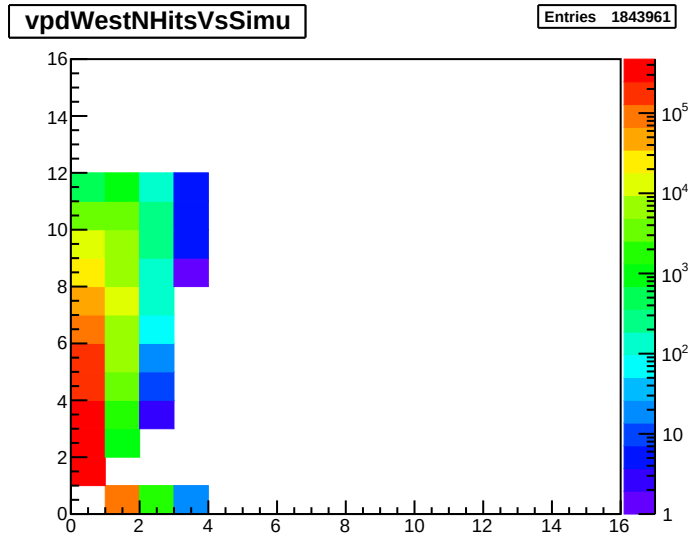

vpdEastTacSum
Entries5948594

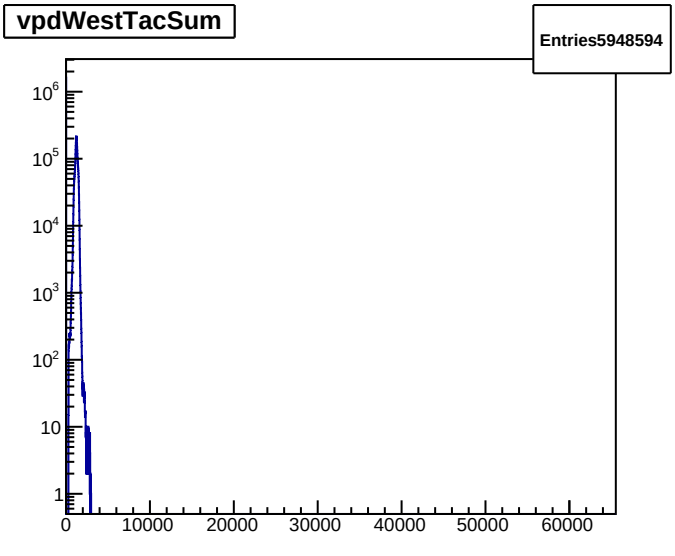

vpdEastTacSumVsSimu
Entries 4528342
Data
Simu

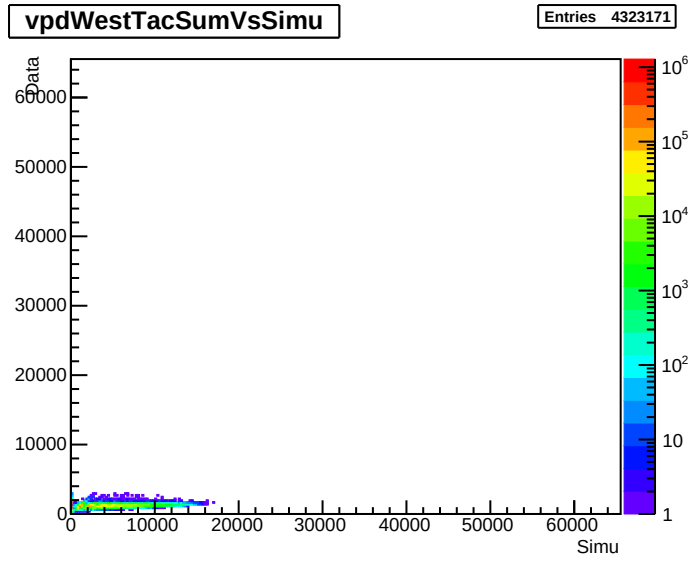

vpdWestAdcSum
Entries5948594

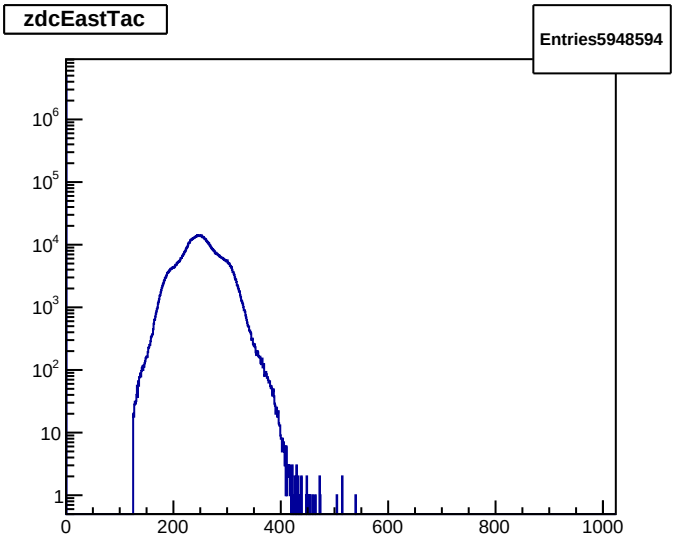

vpdWestAdcSumVsSimu
Entries 3534407
Data
Simu

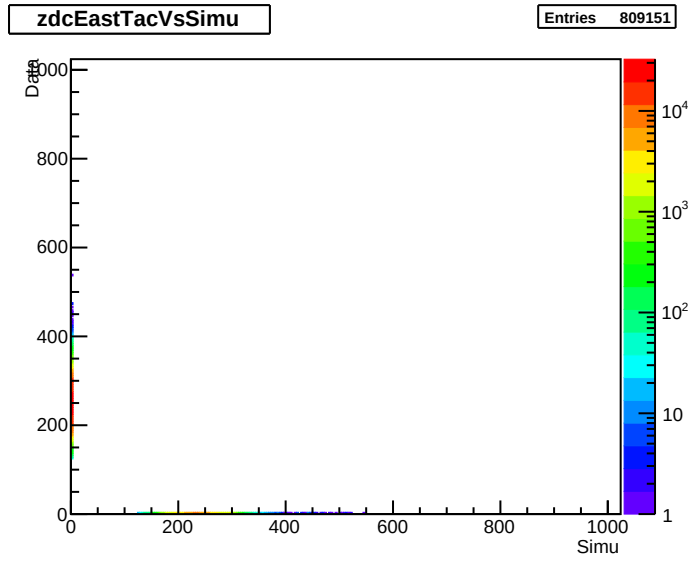

vpdWestNHits
Entries5948594

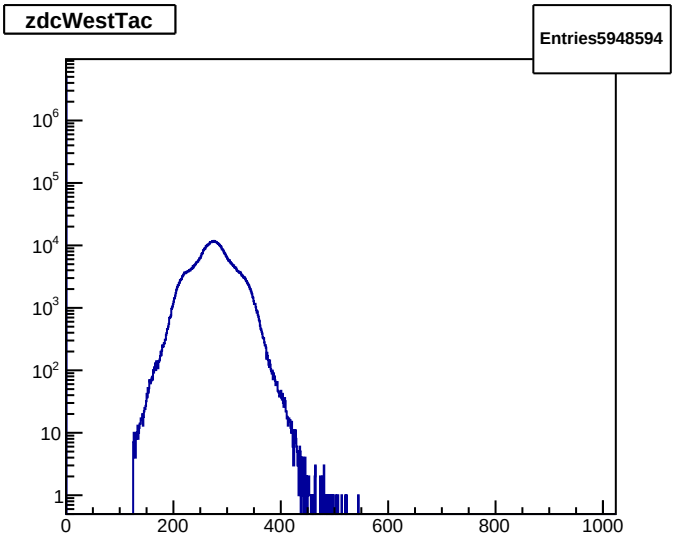

vpdWestNHitsVsSimu
Entries 1843961

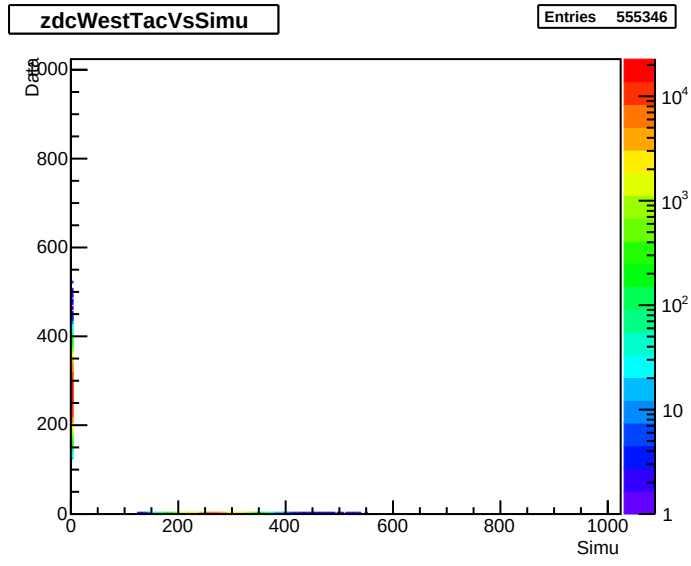

vpdWestTacSum
Entries5948594

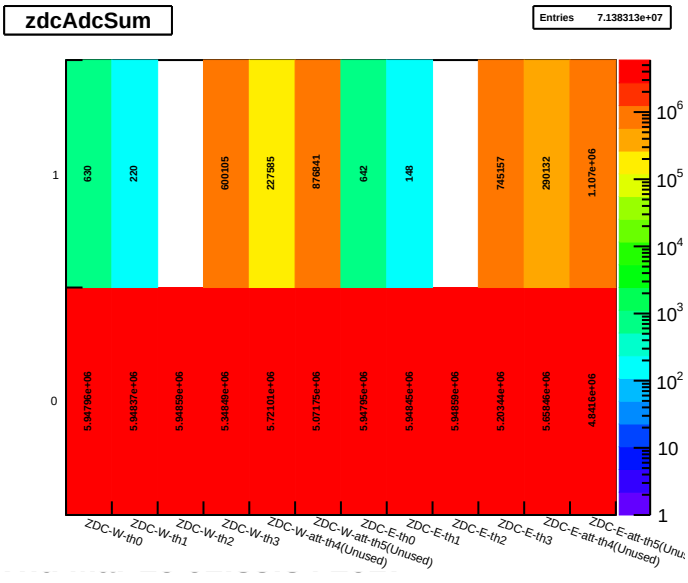

vpdWestTacSumVsSimu
Entries 4323171
Data
Simu

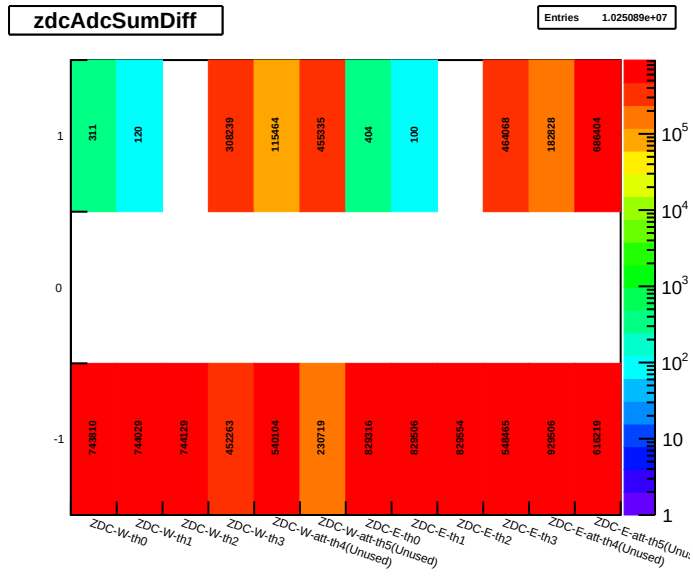

zdcEastTac
Entries5948594

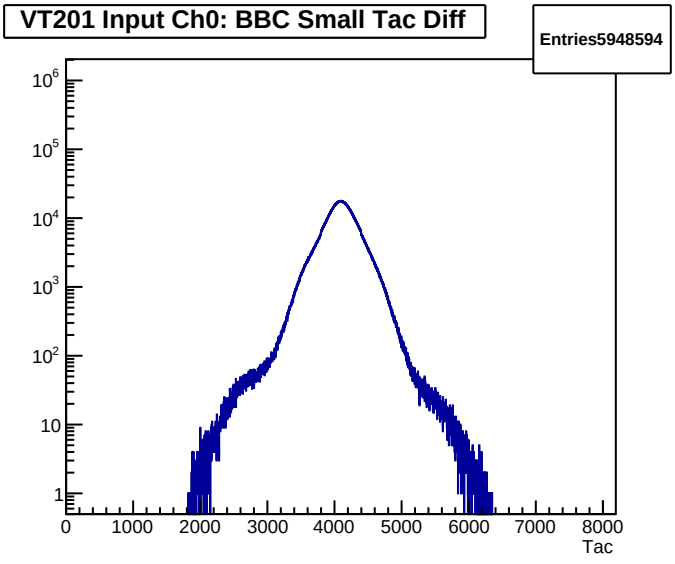

zdcEastTacVsSimu
Entries 809151
Data
Simu

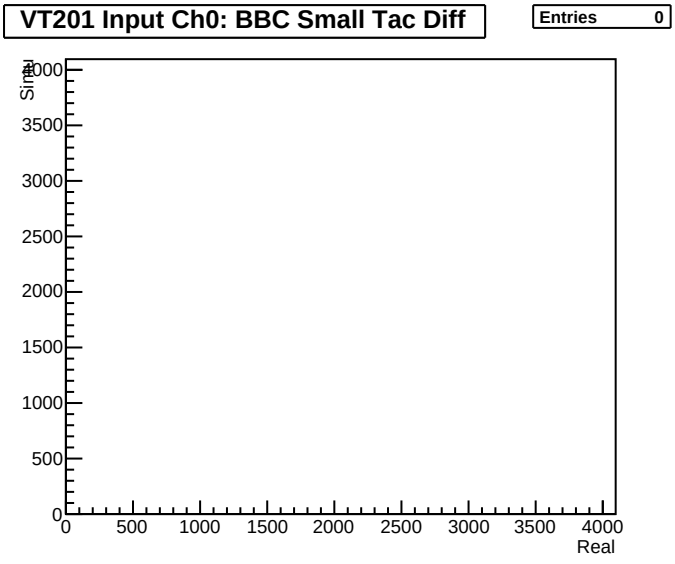

zdcWestTac
Entries5948594

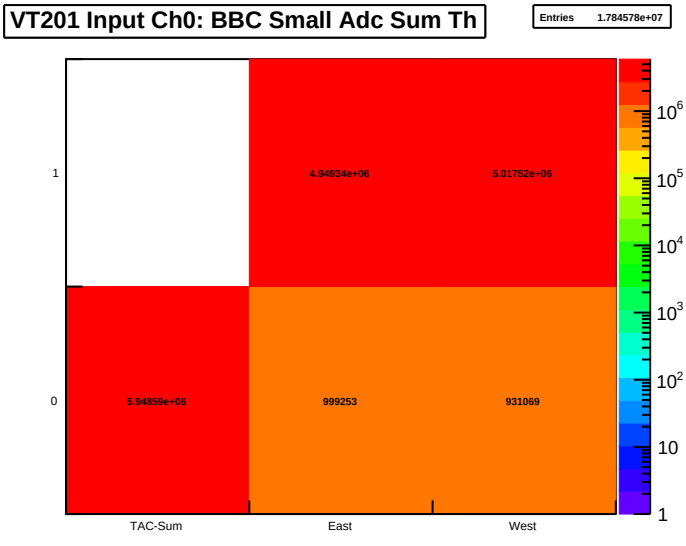

zdcWestTacVsSimu
Entries 555346
Data
Simu

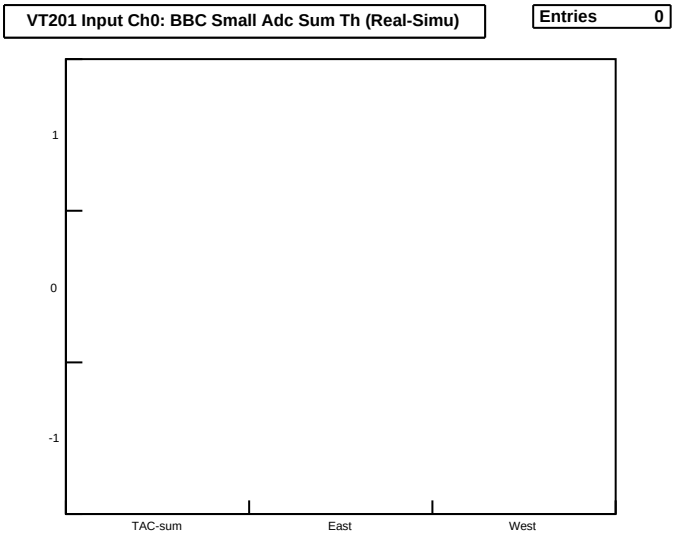

zdcAdcSum
Entries 7.138313e+07
630
220
600105
227585
876841
642
148
745157
290132
1.107e+06
5.94796e+06
5.94837e+05
5.94858e+06
5.34849e+06
5.72101e+06
5.07175e+06
5.94795e+06
5.94845e+06
5.94859e+05
5.20344e+06
5.65846e+06
4.8416e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

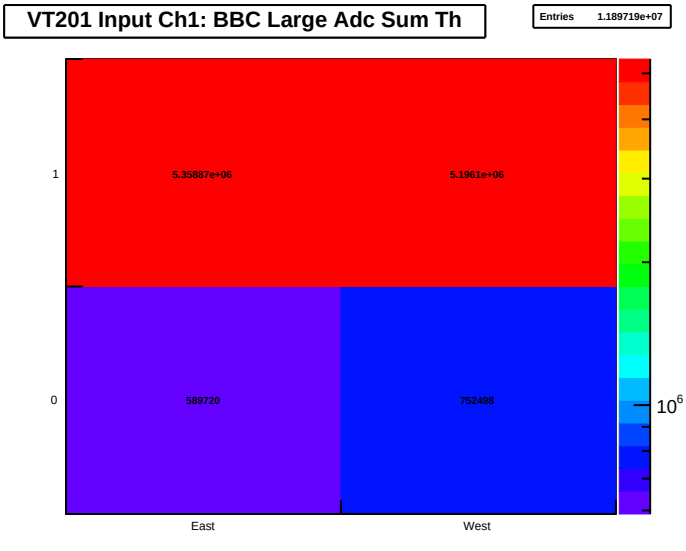

zdcAdcSumDiff
Entries 1.025089e+07
311
120
308239
115464
455335
404
100
464068
182828
686404
743810
744029
744129
452263
540104
230719
823316
825506
828554
548465
923506
616219
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

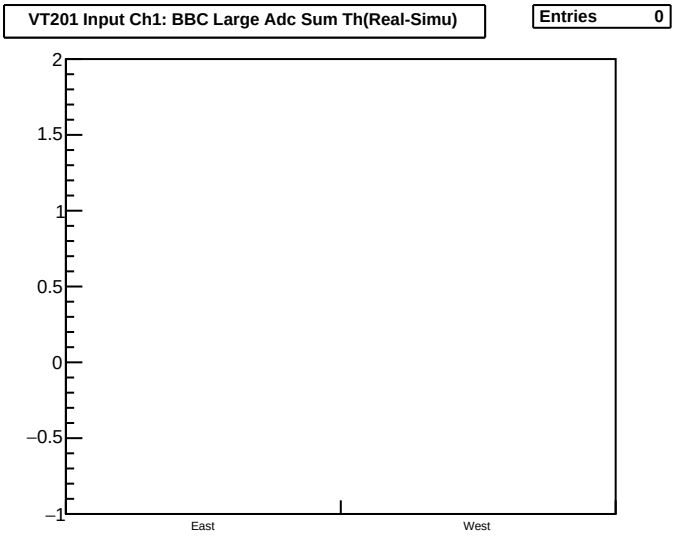

VT201 Input Ch0: BBC Small Tac Diff
Entries5948594
Tac


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

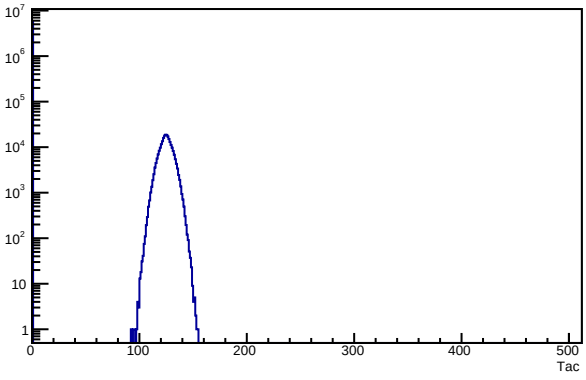

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.784578e+07
4.94934e+06
5.01752e+06
5.94859e+06
999253
931069
TAC-Sum
East
West


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

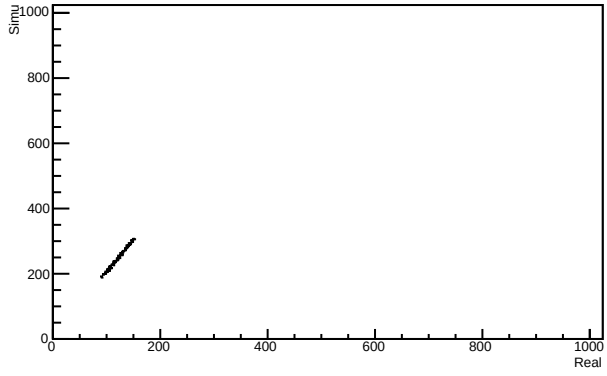

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.189719e+07
5.35887e+06
5.1961e+06
589720
752498
East
West


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

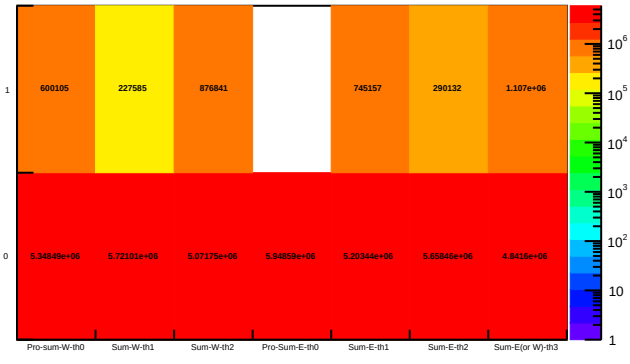
VT201 Input Ch2: ZDC Tac Diff



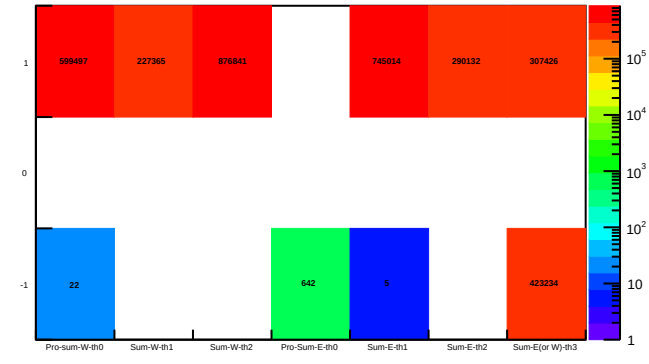
VT201 Input Ch2: ZDC Tac Diff



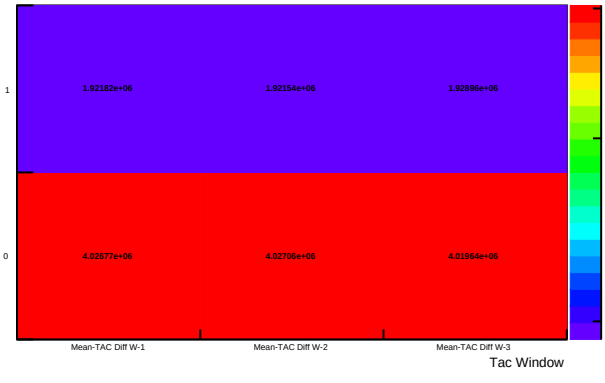
VT201 Input Ch2: ZDC Adc Sum Th



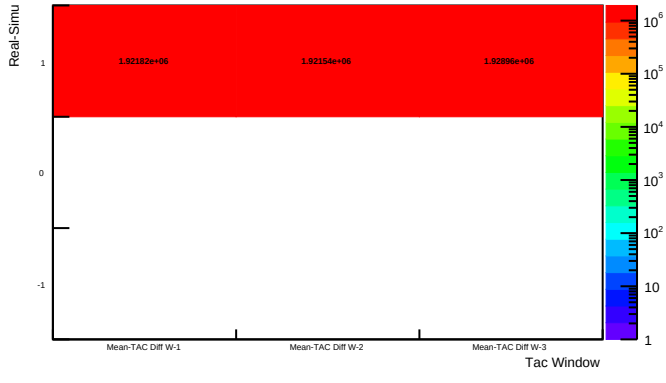
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



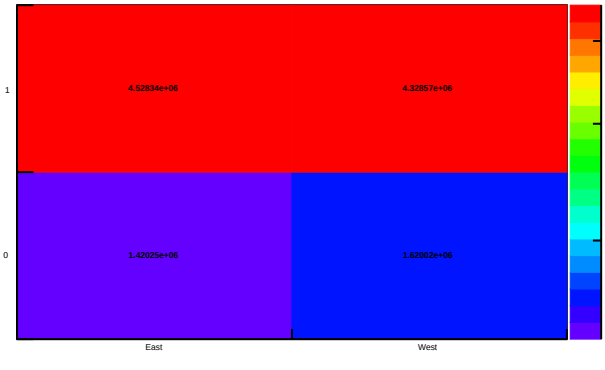
VT201 Input Ch4: VPD Tac Diff



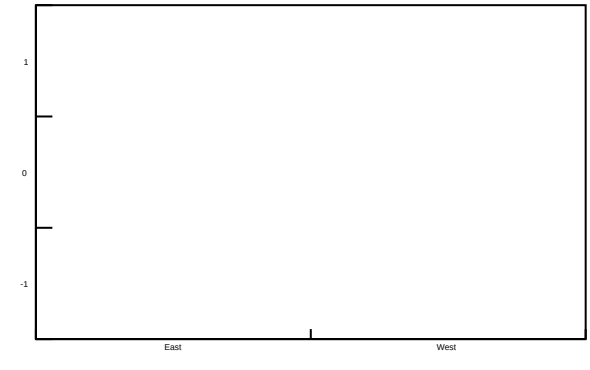
VT201 Input Ch4: VPD Tac Diff

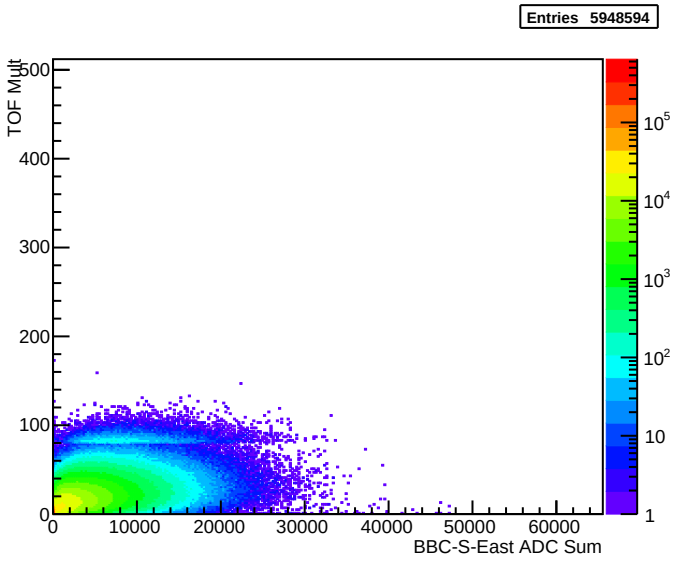


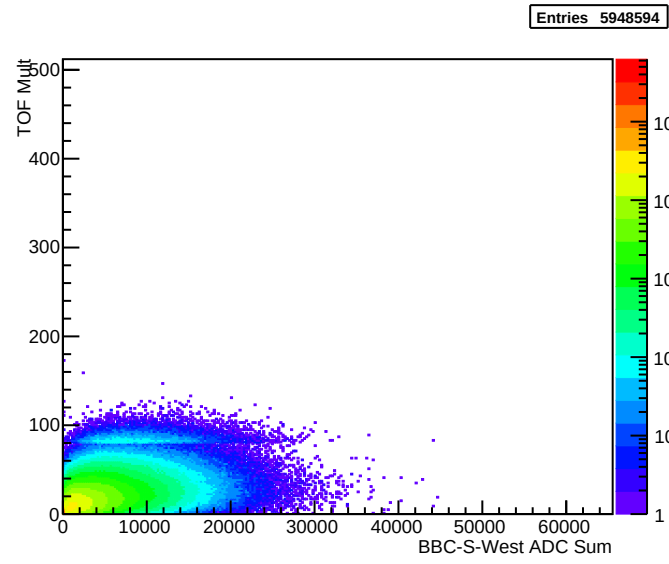
VT201 Input Ch4: VPD Adc Sum Th

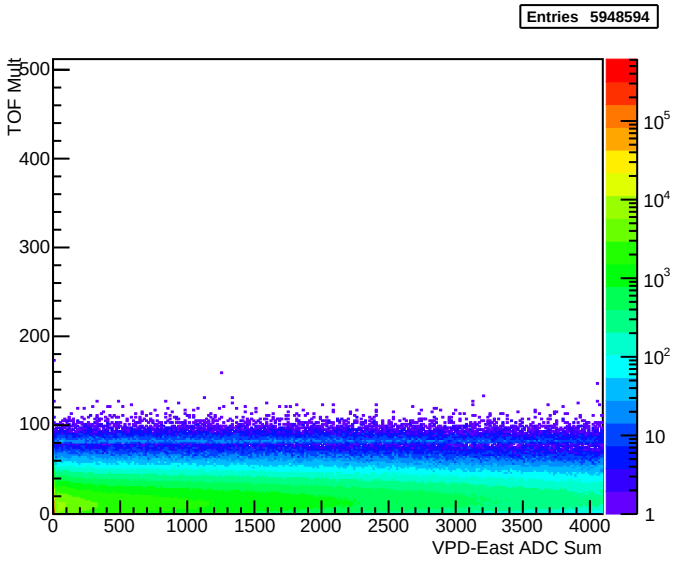


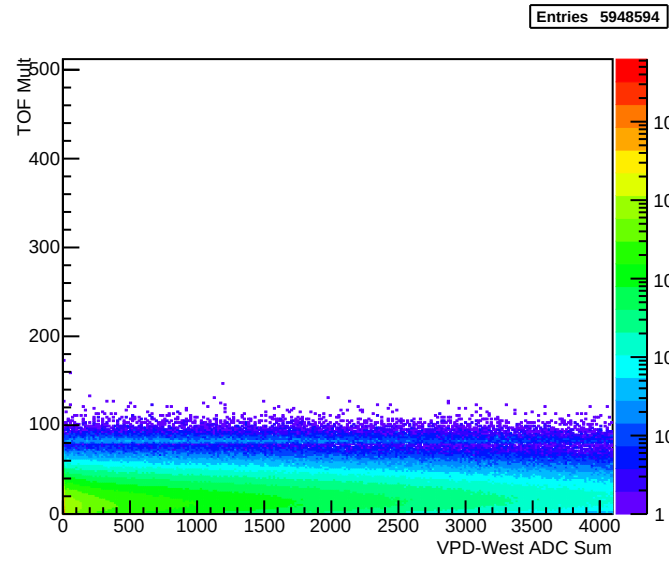
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

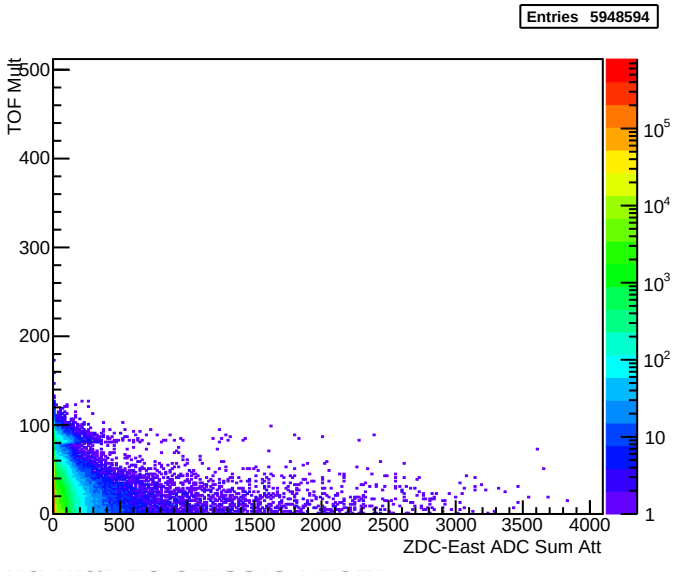


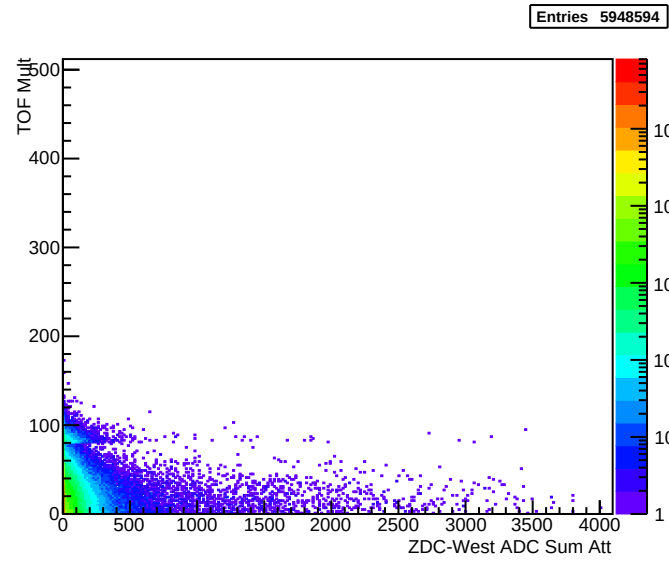

Entries 5948594
TOF Mult
BBC-S-East ADC Sum

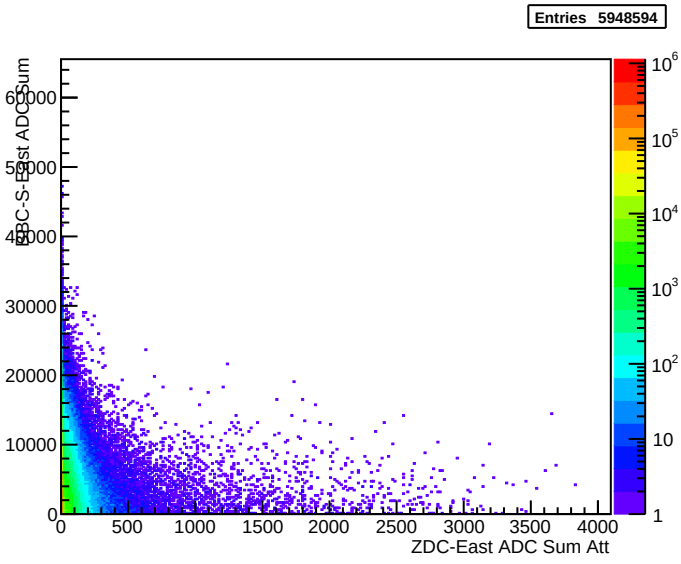

Entries 5948594
TOF Mult
BBC-S-West ADC Sum

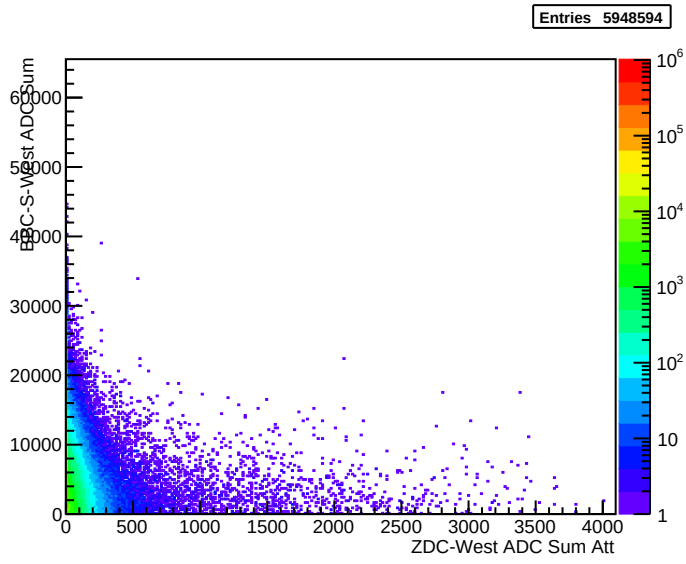

Entries 5948594
TOF Mult
VPD-East ADC Sum

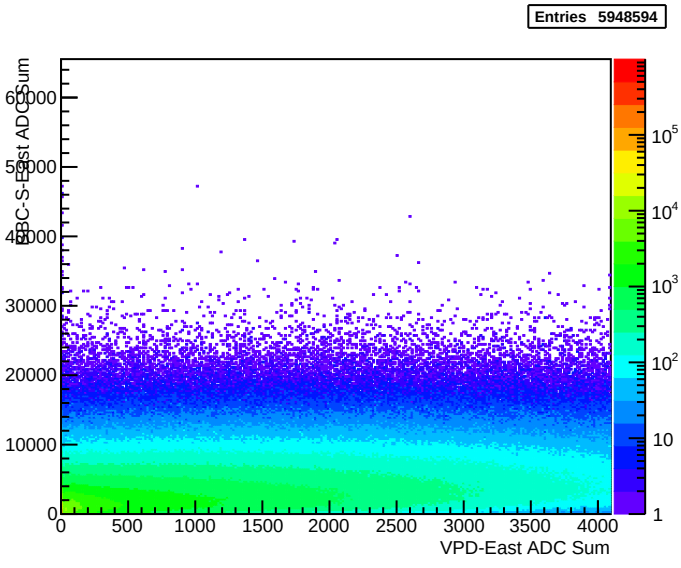

Entries 5948594
TOF Mult
VPD-West ADC Sum

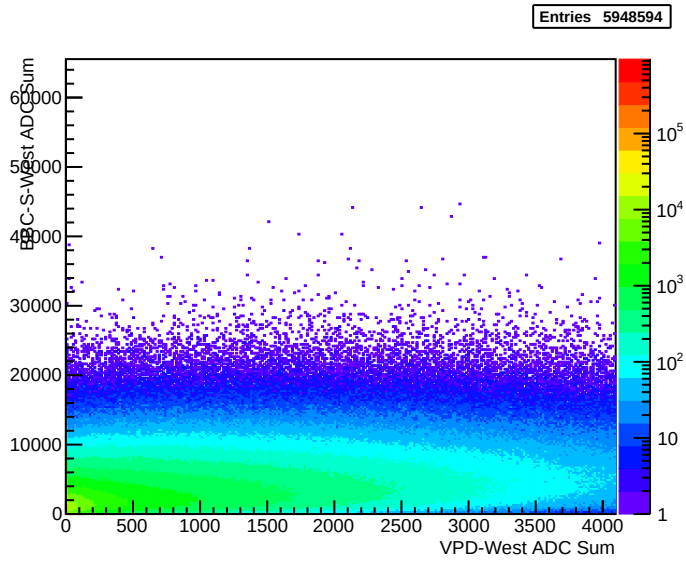

Entries 5948594
TOF Mult
ZDC-East ADC Sum Att

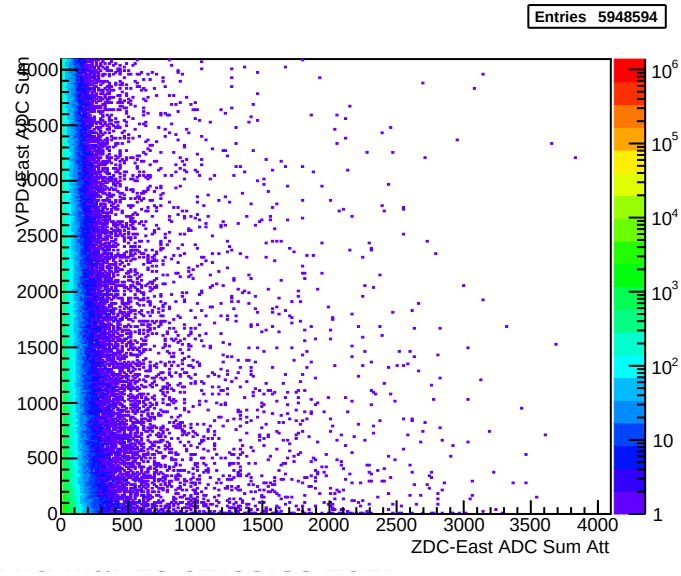

Entries 5948594
TOF Mult
ZDC-West ADC Sum Att

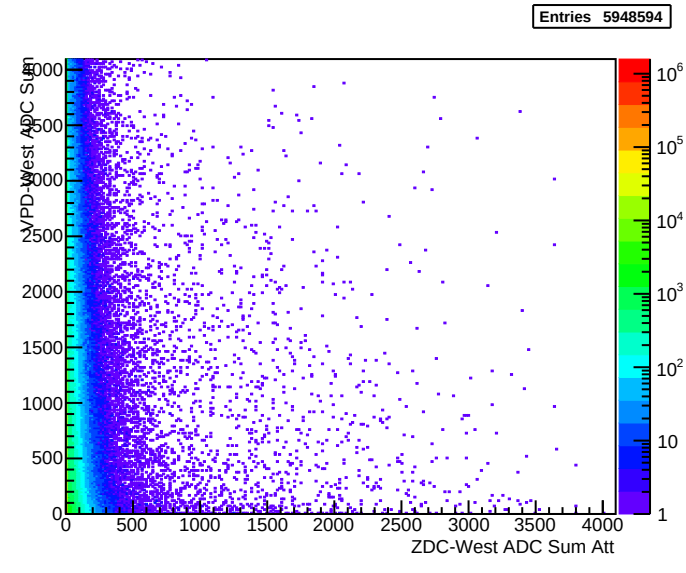

Entries 5948594
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

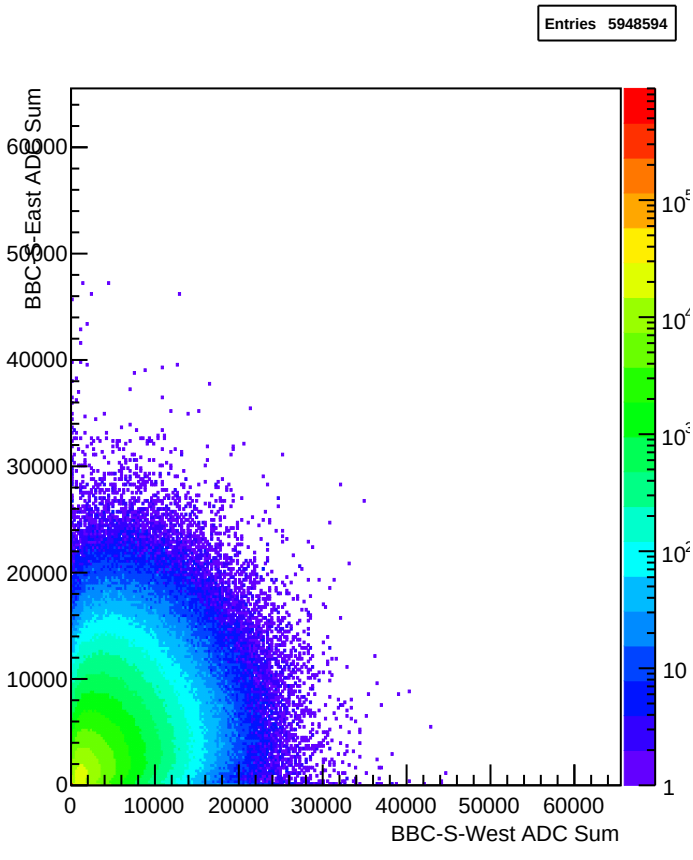

Entries 5948594
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

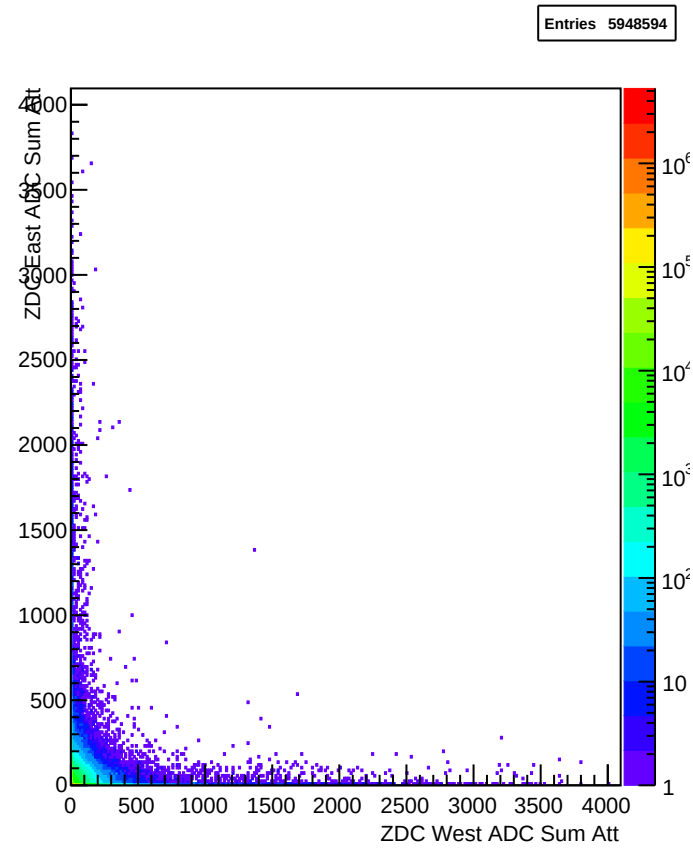

Entries 5948594
BBC-S-East ADC Sum
VPD-East ADC Sum

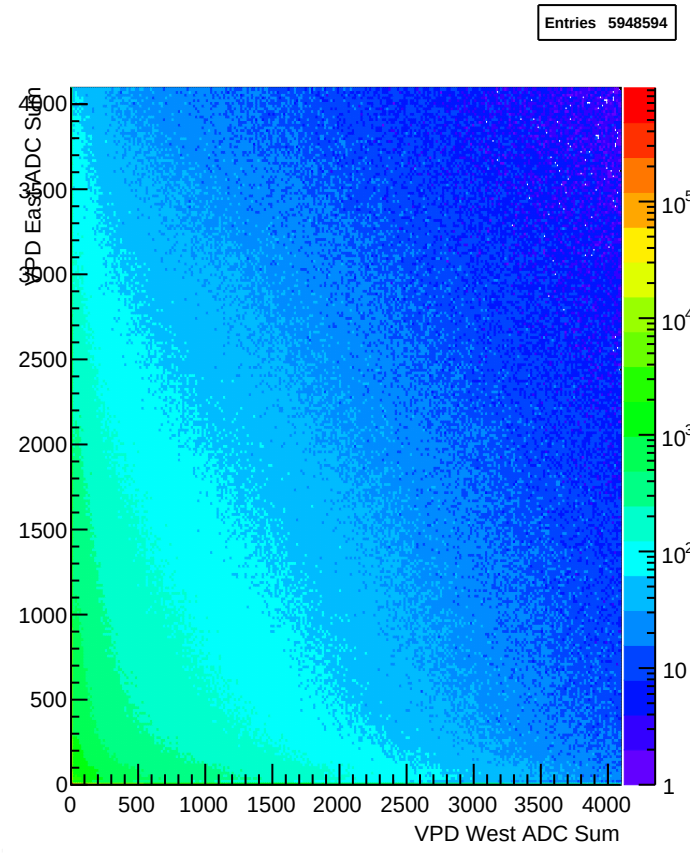

Entries 5948594
BBC-S-West ADC Sum
VPD-West ADC Sum

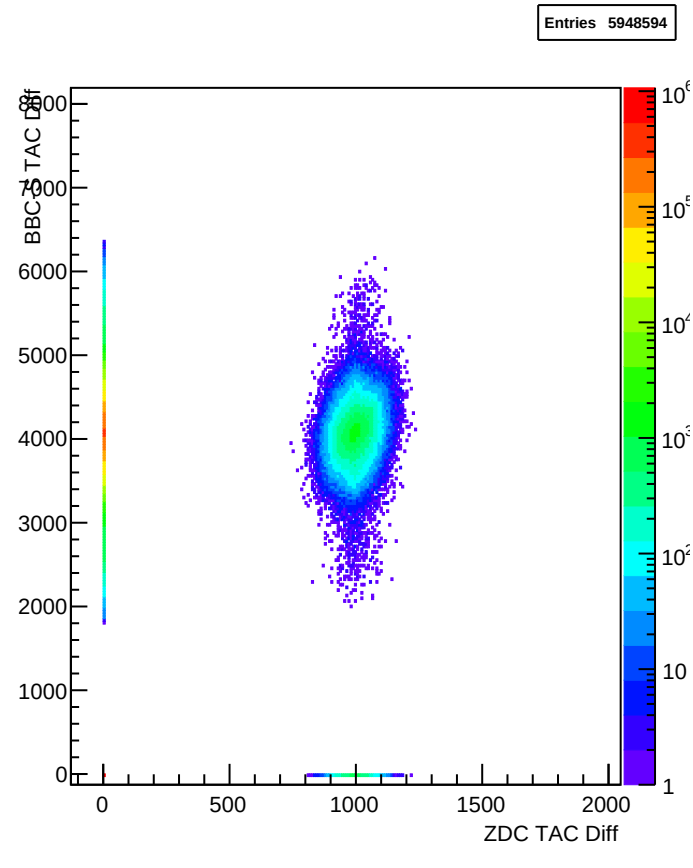

Entries 5948594
VPD-East ADC Sum
ZDC-East ADC Sum Att

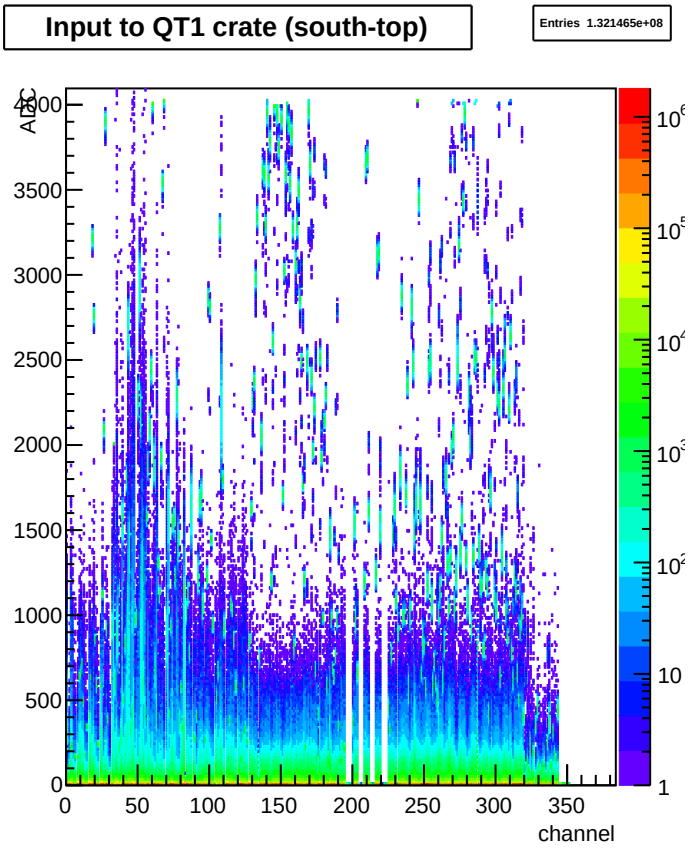

Entries 5948594
VPD-West ADC Sum
ZDC-West ADC Sum Att

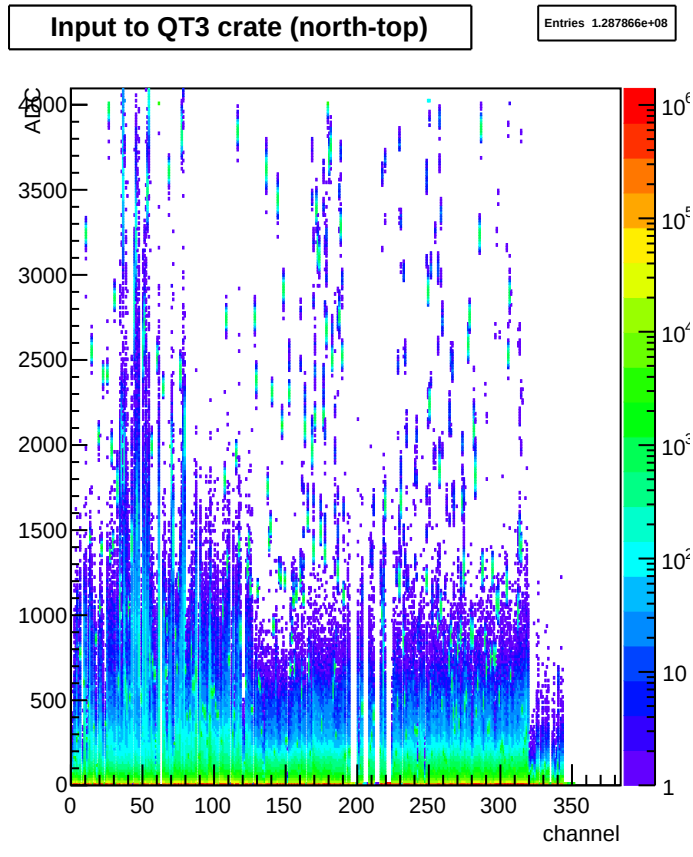

Entries 5948594
BBC-S-East ADC Sum
BBC-S-West ADC Sum

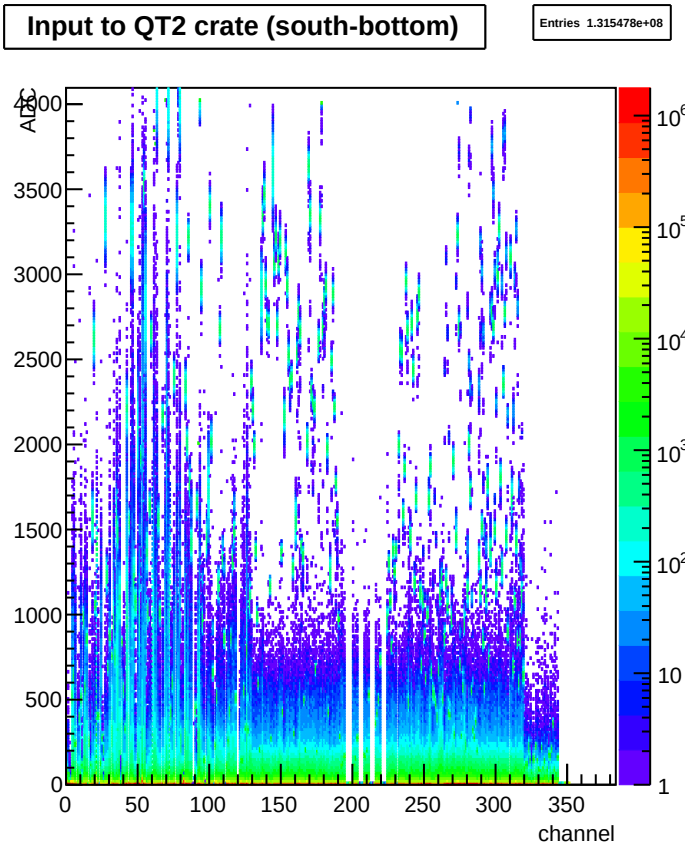

Entries 5948594
ZDC East ADC Sum Att
ZDC West ADC Sum Att

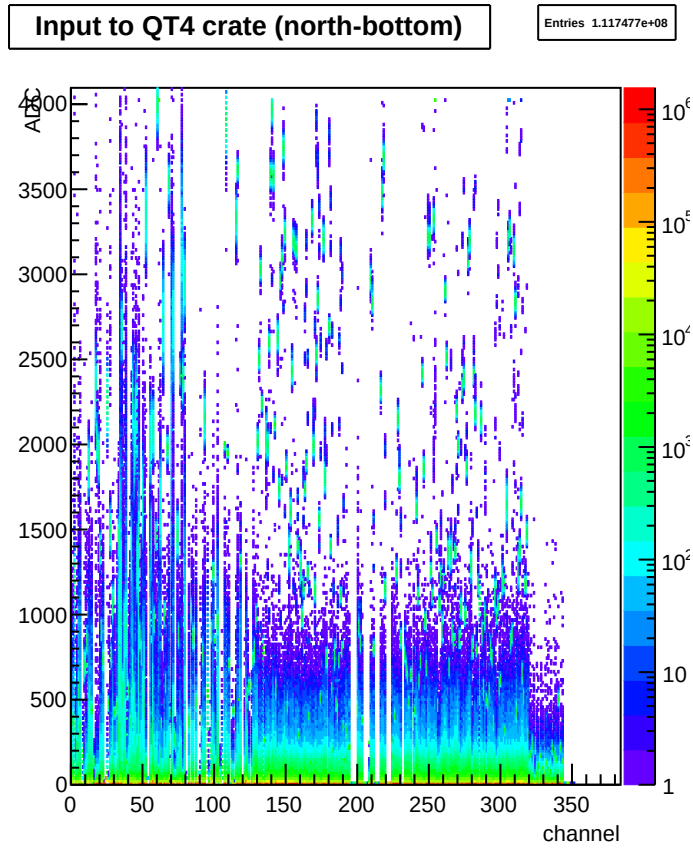

Entries 5948594
VPD East ADC Sum
VPD West ADC Sum

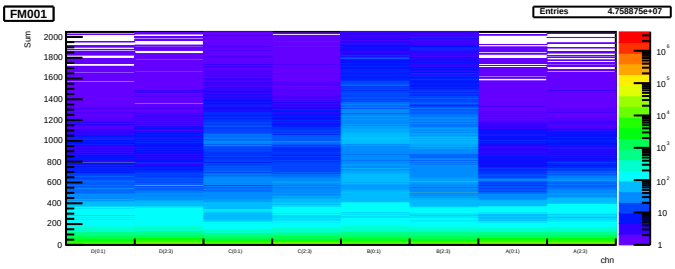

Entries 5948594
BBC-S TAC Diff
ZDC TAC Diff

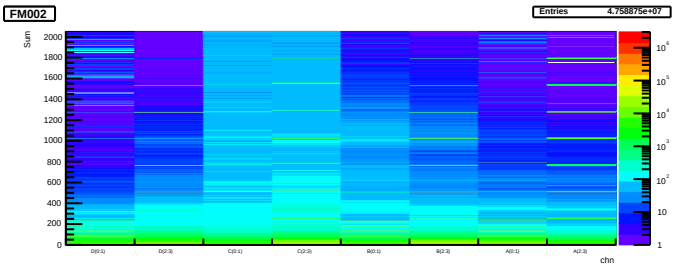

Input to QT1 crate (south-top)
Entries 1.321465e+08
ADC
channel

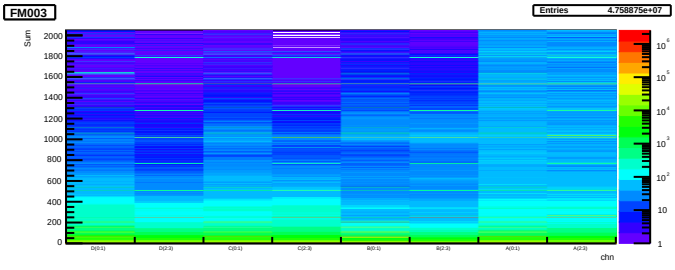

Input to QT3 crate (north-top)
Entries 1.287866e+08
ADC
channel

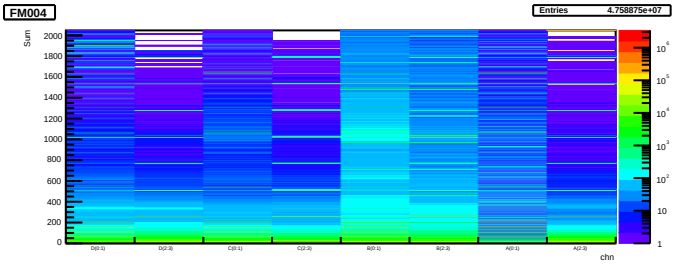

Input to QT2 crate (south-bottom)
Entries 1.315478e+08
ADC
channel

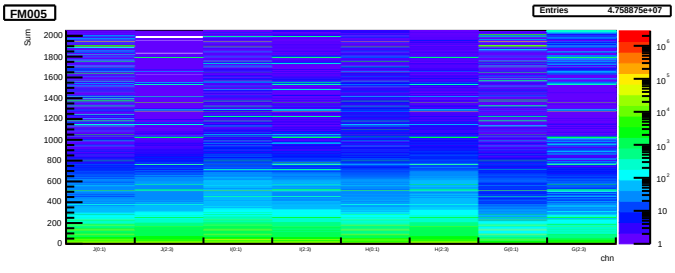

Input to QT4 crate (north-bottom)
Entries 1.117477e+08
ADC
channel

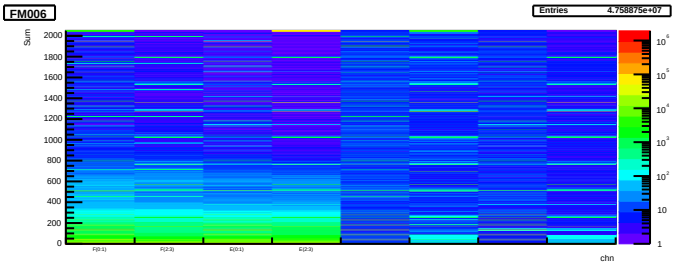

FM001
Entries 4.758875e+07
Sum
chn

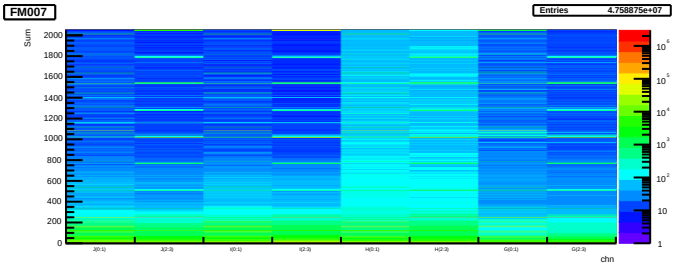

FM002
Entries 4.758875e+07
Sum
chn

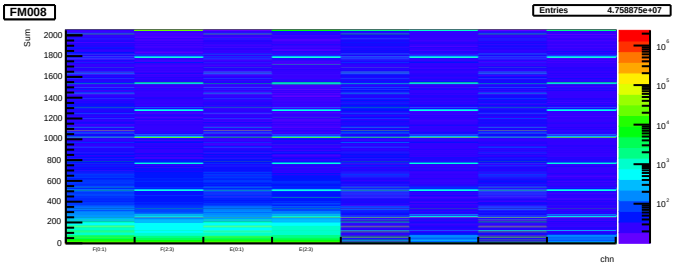

FM003
Entries 4.758875e+07
Sum
chn

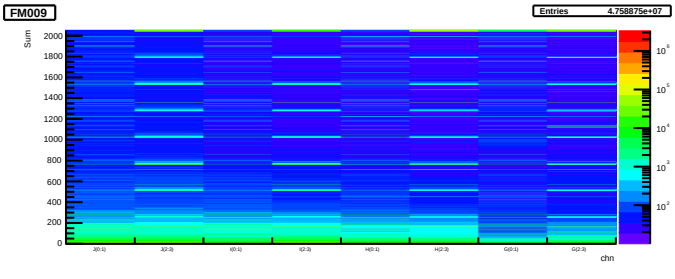

FM004
Entries 4.758875e+07
Sum
chn

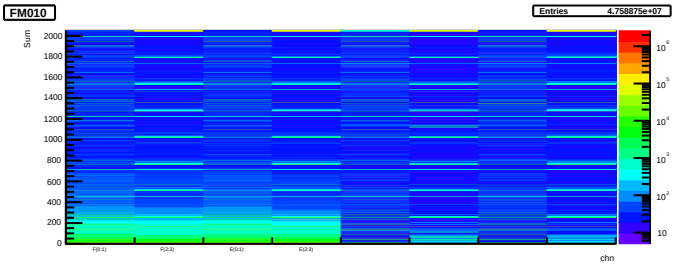

FM005
Entries 4.758875e+07
Sum
chn

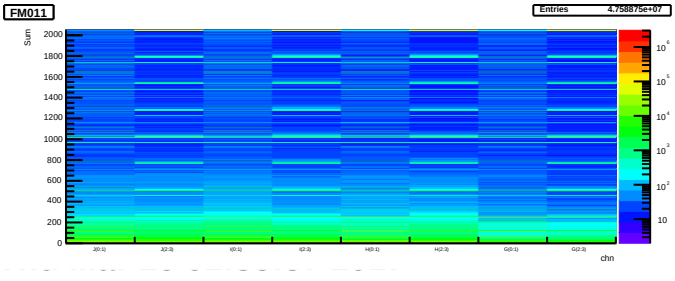

FM006
Entries 4.758875e+07
Sum
chn

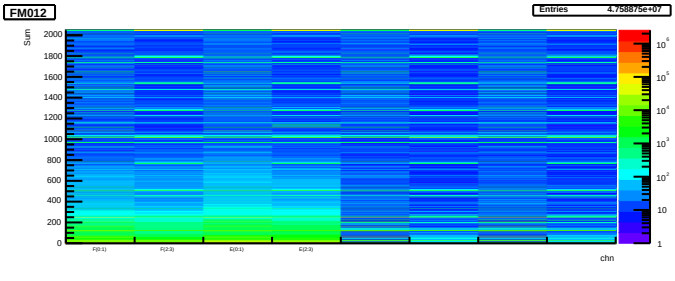

FM007
Entries 4.758875e+07
Sum
chn

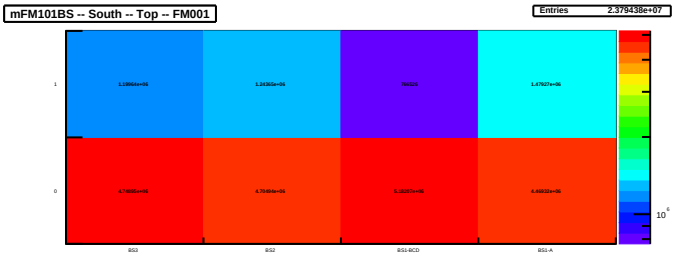

FM008
Entries 4.758875e+07
Sum
chn

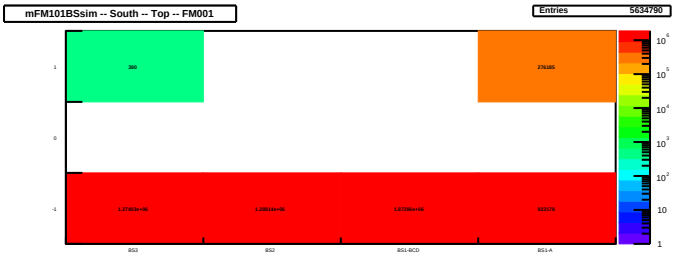

FM009
Entries 4.758875e+07
Sum
chn

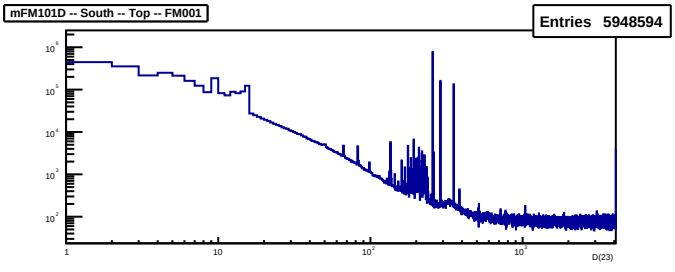

FM010
Entries 4.758875e+07
Sum
chn

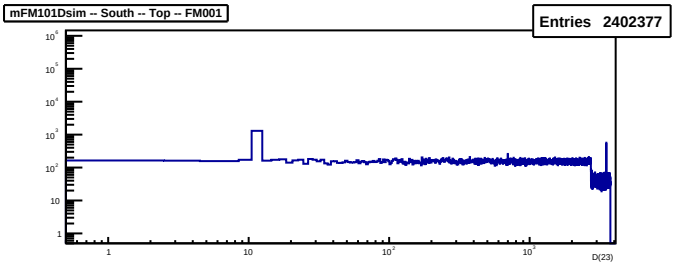

FM011
Entries 4.758875e+07
Sum
chn

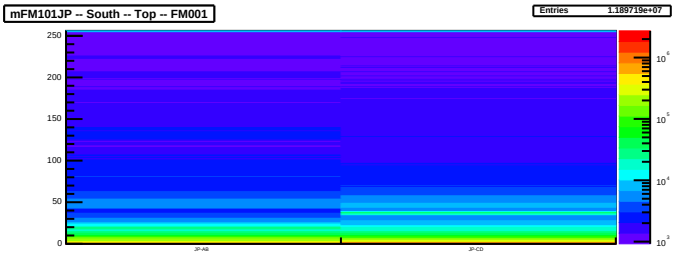

FM012
Entries 4.758875e+07
Sum
chn

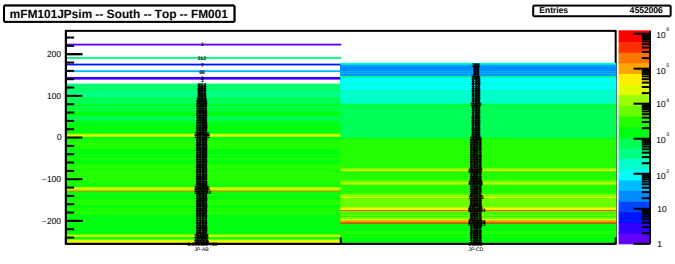

mFM101BS -- South -- Top -- FM001
Entries 2.379438e+07

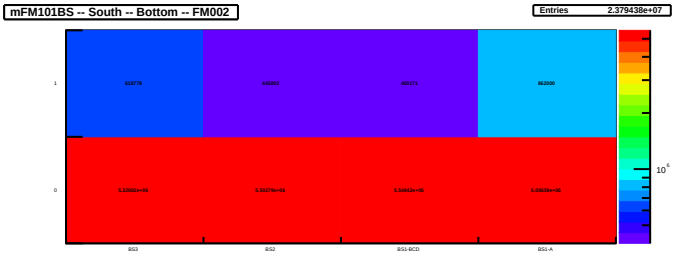

mFM101BSsim -- South -- Top -- FM001
Entries 5634790

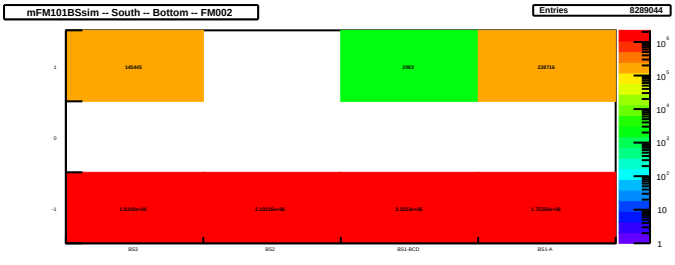

mFM101D -- South -- Top -- FM001
Entries 5948594
D(23)

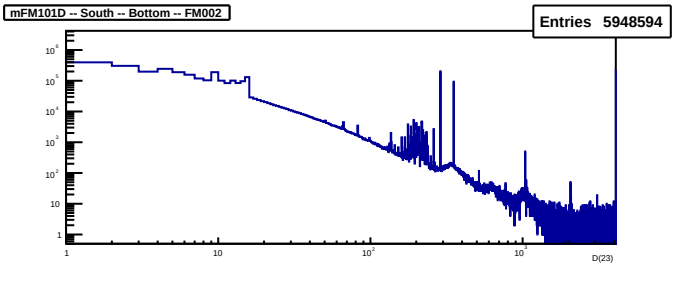

mFM101Dsim -- South -- Top -- FM001
Entries 2402377
D(23)

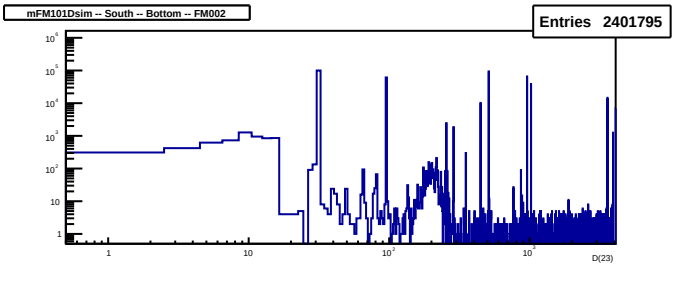

mFM101JP -- South -- Top -- FM001
Entries 1.189719e+07

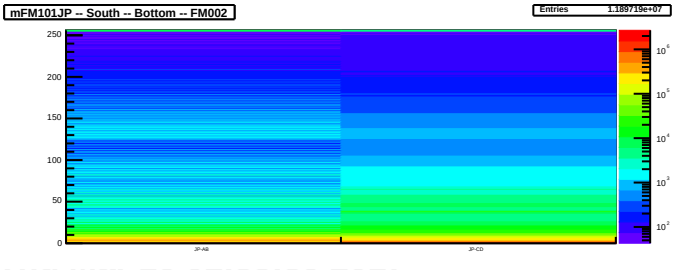

mFM101JPsim -- South -- Top -- FM001
Entries 4552006

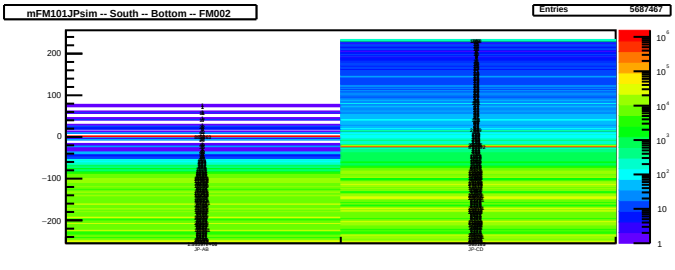

mFM101BS -- South -- Bottom -- FM002
Entries 2.379438e+07

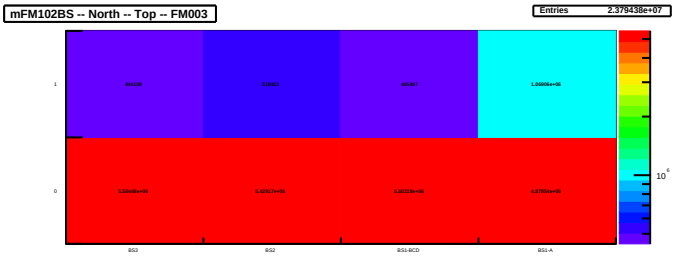

mFM101BSsim -- South -- Bottom -- FM002
Entries 8289044

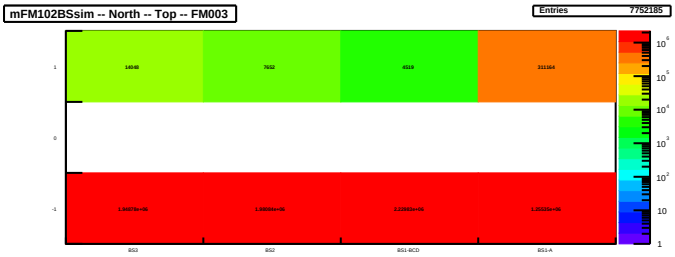

mFM101D -- South -- Bottom -- FM002
Entries 5948594
D(23)

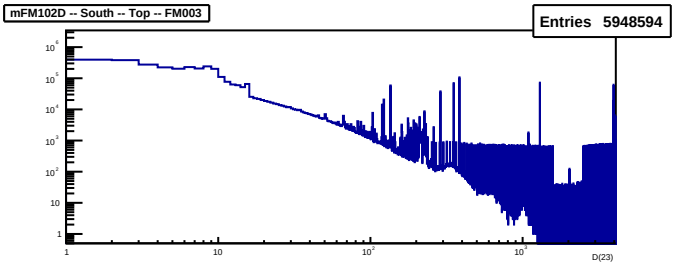

mFM101Dsim -- South -- Bottom -- FM002
Entries 2401795
D(23)

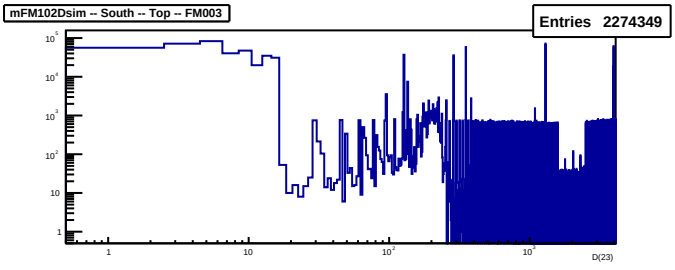

mFM101JP -- South -- Bottom -- FM002
Entries 1.189719e+07

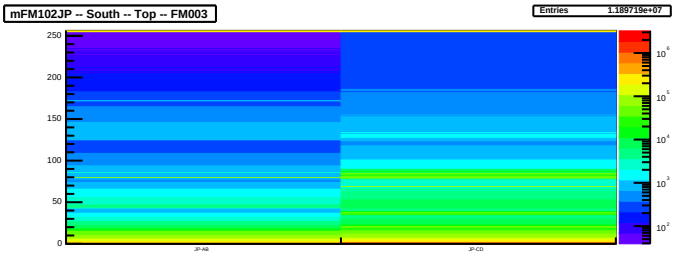

mFM101JPsim -- South -- Bottom -- FM002
Entries 5687467

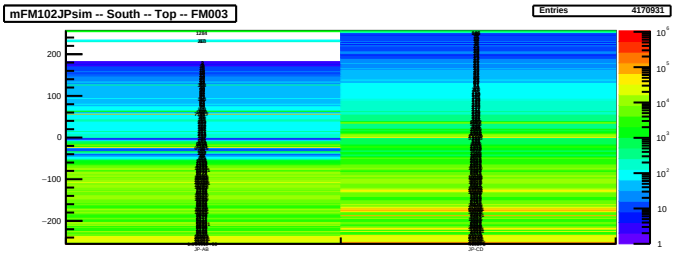

mFM102BS -- North -- Top -- FM003
Entries 2.379438e+07

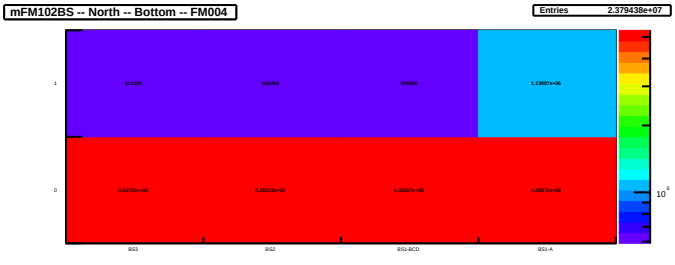

mFM102BSsim -- North -- Top -- FM003
Entries 7752185

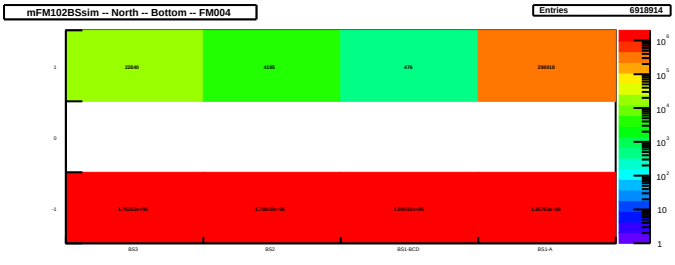

mFM102D -- South -- Top -- FM003
Entries 5948594
D(23)

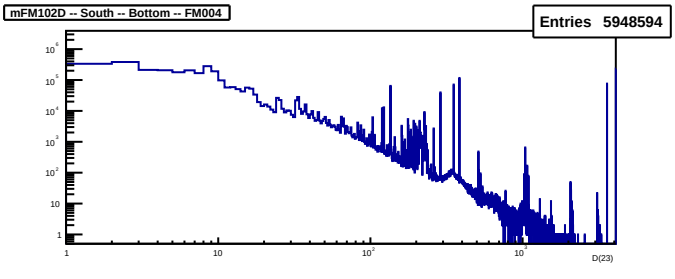

mFM102Dsim -- South -- Top -- FM003
Entries 2274349
D(23)

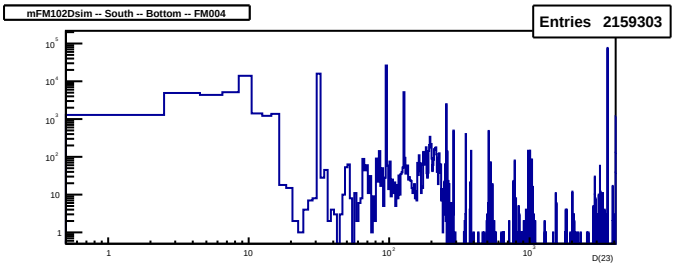

mFM102JP -- South -- Top -- FM003
Entries 1.189719e+07

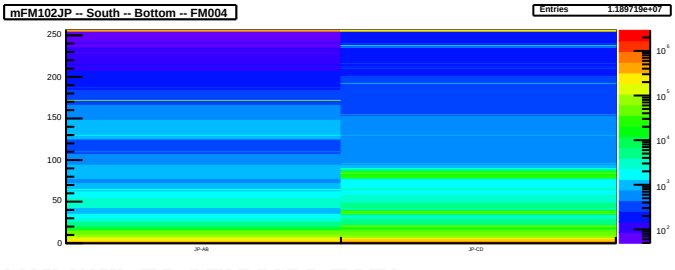

mFM102JPsim -- South -- Top -- FM003
Entries 4170931

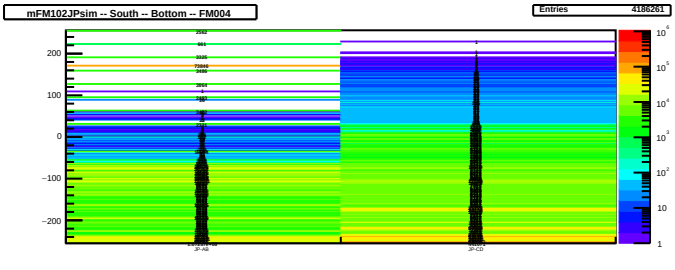

mFM102BS -- North -- Bottom -- FM004
Entries 2.379438e+07

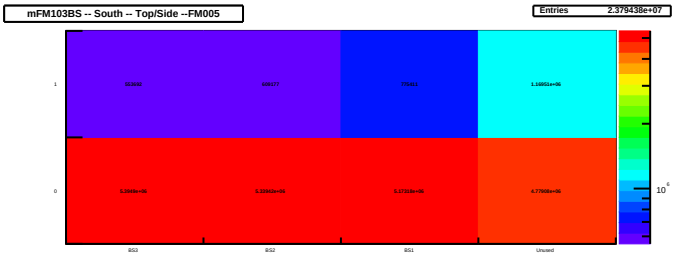

mFM102BSsim -- North -- Bottom -- FM004
Entries 6918914

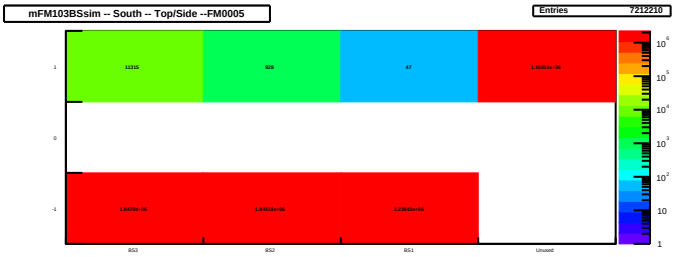

mFM102D -- South -- Bottom -- FM004
Entries 5948594
D(23)

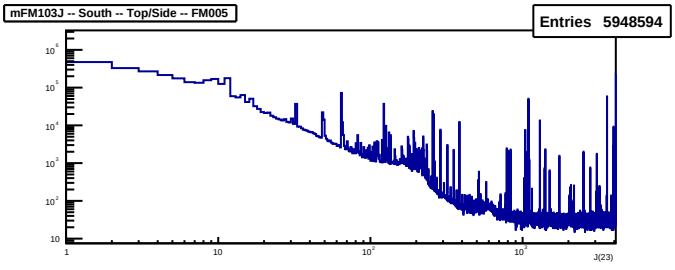

mFM102Dsim -- South -- Bottom -- FM004
Entries 2159303
D(23)

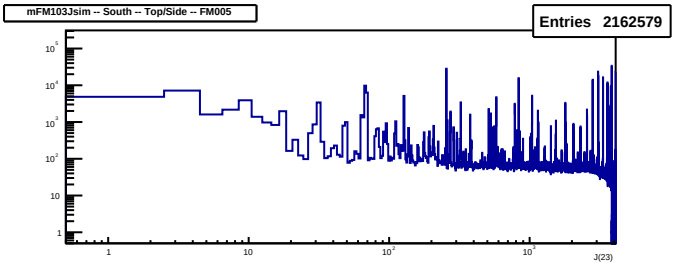

mFM102JP -- South -- Bottom -- FM004
Entries 1.189719e+07

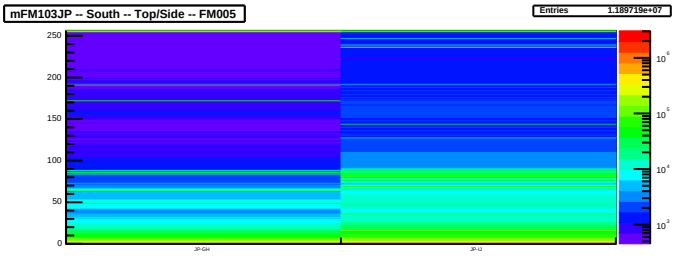

mFM102JPsim -- South -- Bottom -- FM004
Entries 4186261

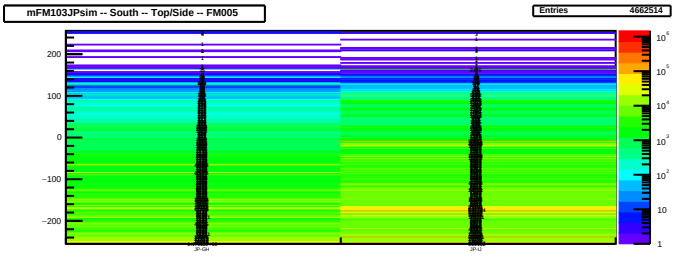

mFM103BS -- South -- Top/Side --FM005
Entries 2.379438e+07

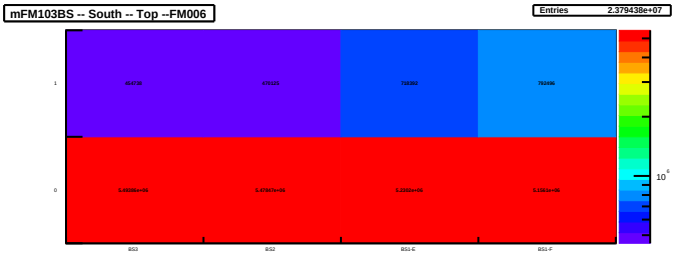

mFM103BSsim -- South -- Top/Side --FM0005
Entries 7212210

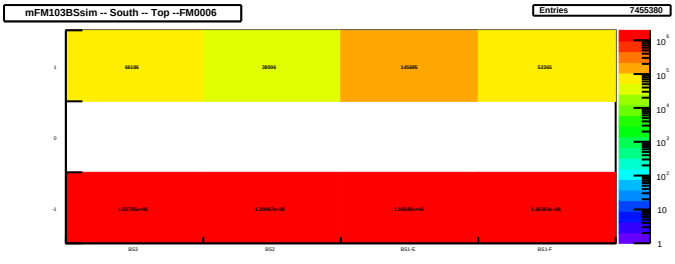

mFM103J -- South -- Top/Side -- FM005
Entries 5948594
J(23)

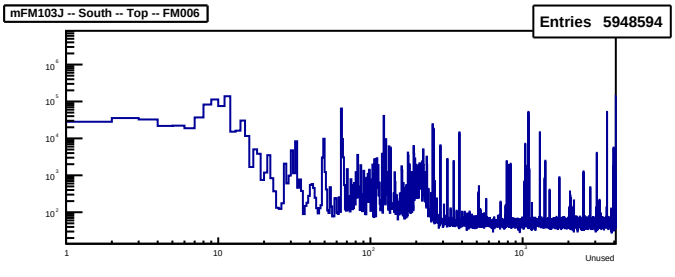

mFM103Jsim -- South -- Top/Side -- FM005
Entries 2162579
J(23)

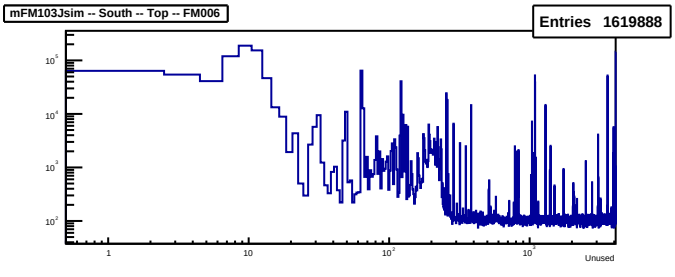

mFM103JP -- South -- Top/Side -- FM005
Entries 1.189719e+07

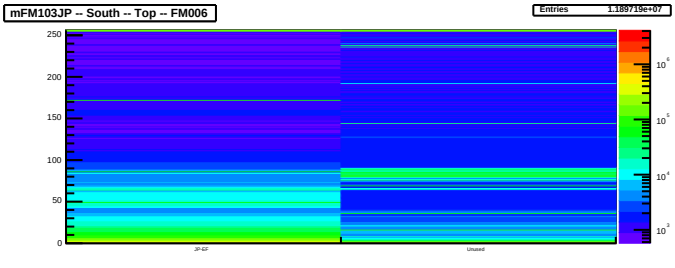

mFM103JPsim -- South -- Top/Side -- FM005
Entries 4662514

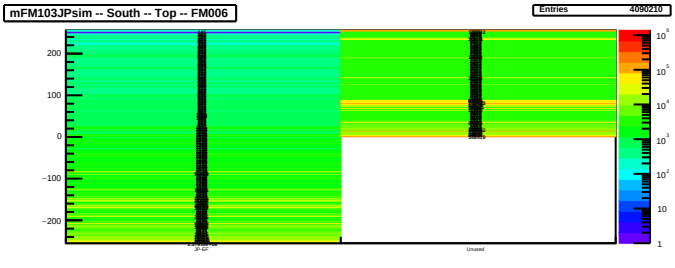

mFM103BS -- South -- Top --FM006
Entries 2.379438e+07

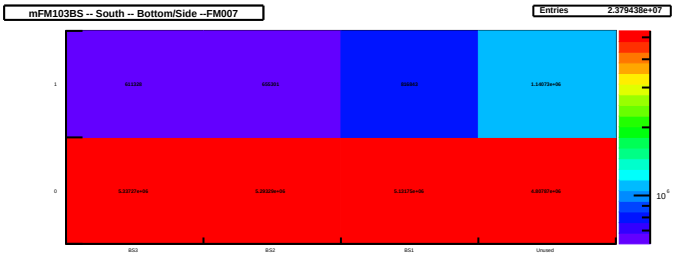

mFM103BSsim -- South -- Top --FM0006
Entries 7455380

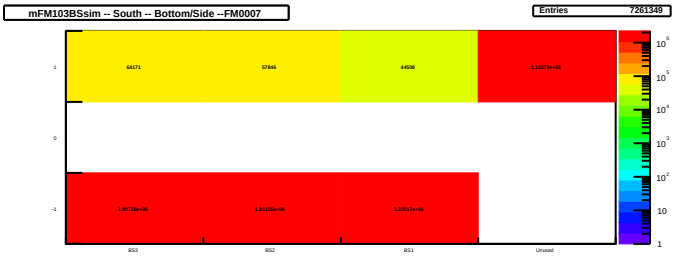

mFM103J -- South -- Top -- FM006
Entries 5948594
Unused

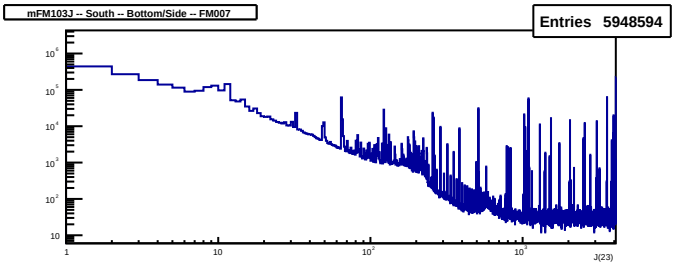

mFM103Jsim -- South -- Top -- FM006
Entries 1619888
Unused

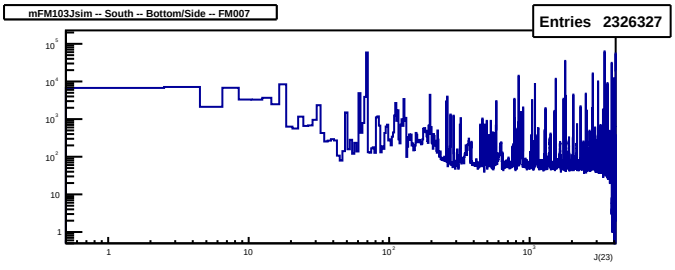

mFM103JP -- South -- Top -- FM006
Entries 1.189719e+07

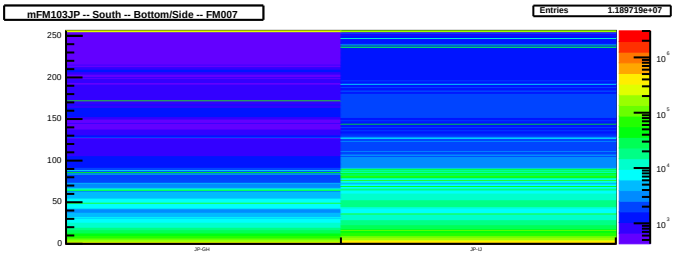

mFM103JPsim -- South -- Top -- FM006
Entries 4090210

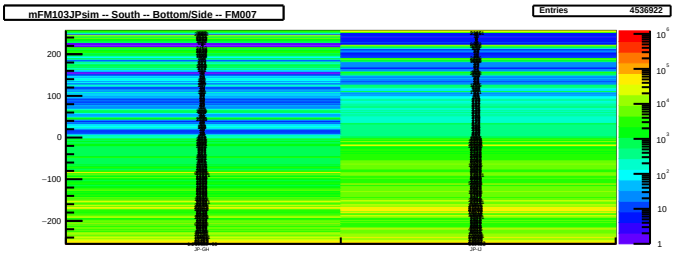

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.379438e+07

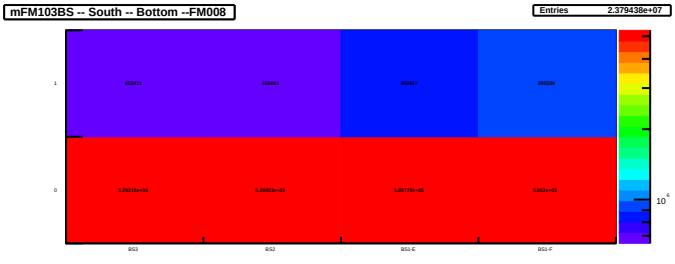

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 7261349

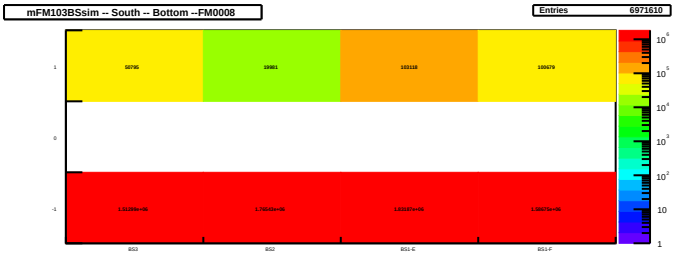

mFM103J -- South -- Bottom/Side -- FM007
Entries 5948594
J(23)

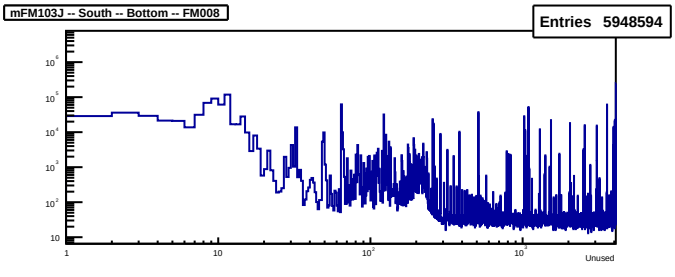

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 2326327
J(23)

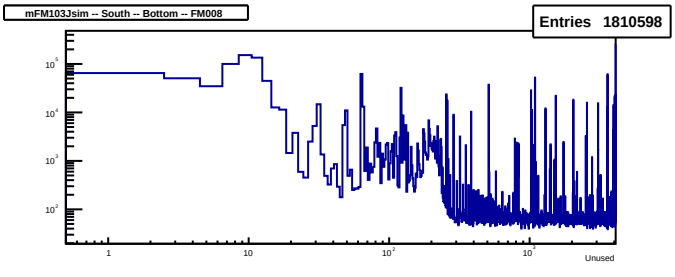

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.189719e+07

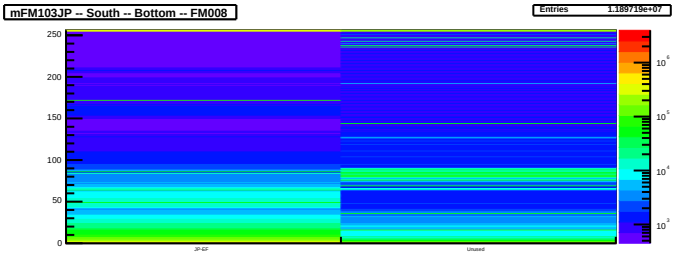

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 4536922

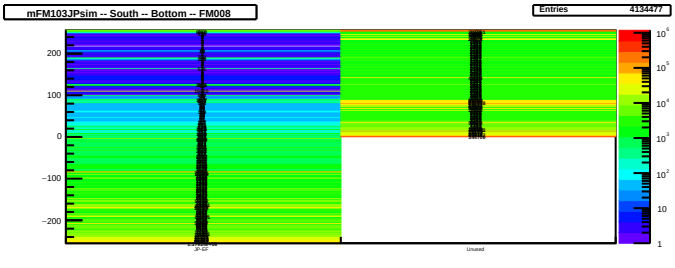

mFM103BS -- South -- Bottom --FM008
Entries 2.379438e+07

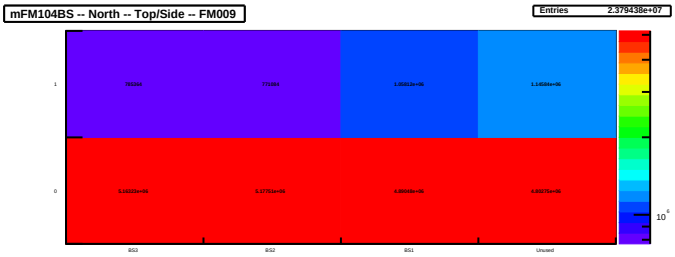

mFM103BSsim -- South -- Bottom --FM0008
Entries 6971610

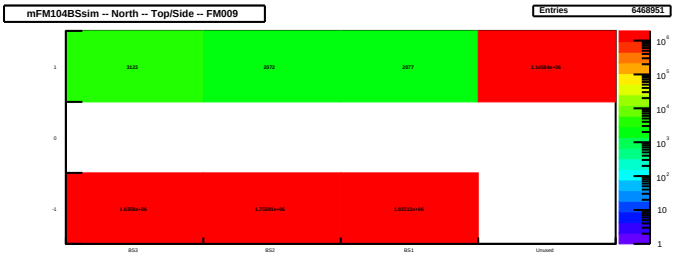

mFM103J -- South -- Bottom -- FM008
Entries 5948594
Unused

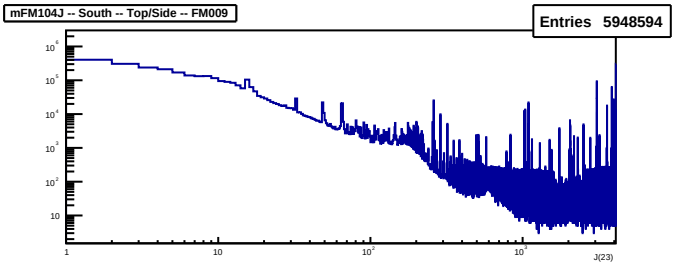

mFM103Jsim -- South -- Bottom -- FM008
Entries 1810598
Unused

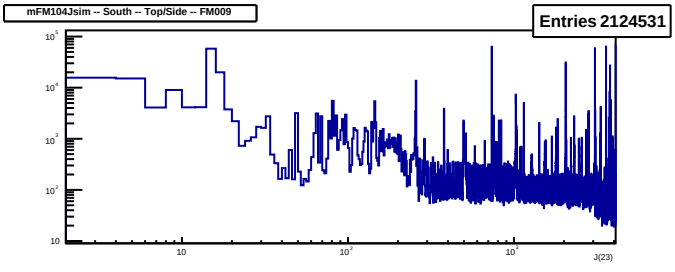

mFM103JP -- South -- Bottom -- FM008
Entries 1.189719e+07

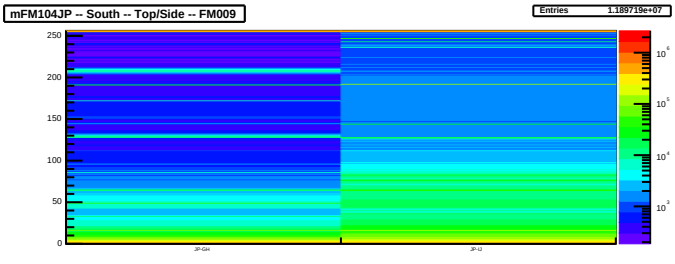

mFM103JPsim -- South -- Bottom -- FM008
Entries 4134477

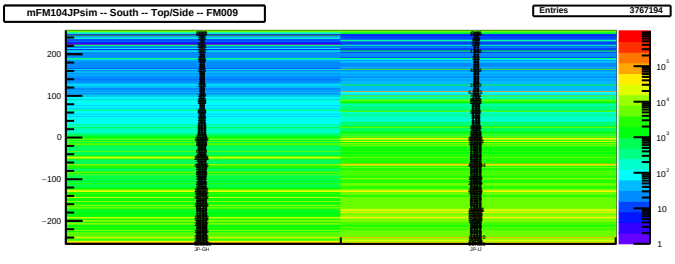

mFM104BS -- North -- Top/Side -- FM009
Entries 2.379438e+07

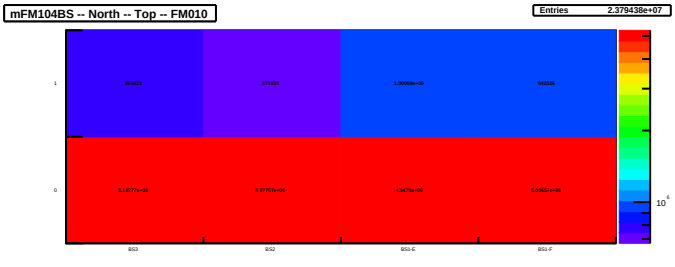

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6468951

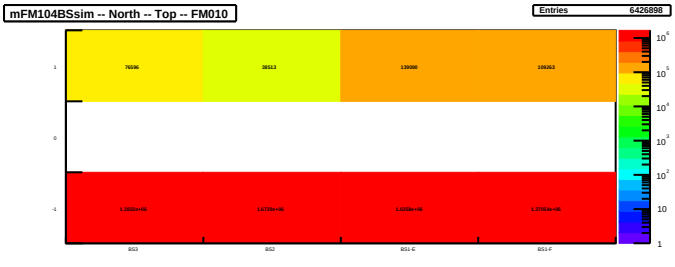

mFM104J -- South -- Top/Side -- FM009
Entries 5948594
J(23)

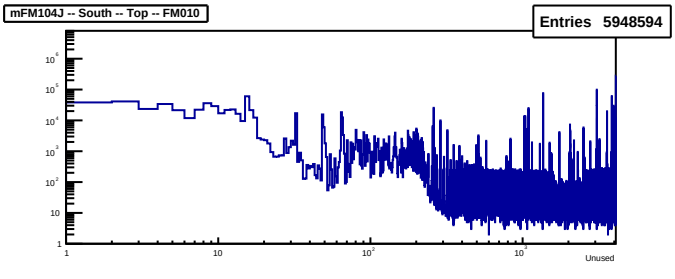

mFM104Jsim -- South -- Top/Side -- FM009
Entries 2124531
J(23)

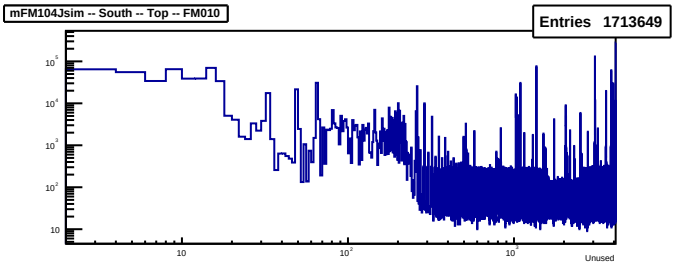

mFM104JP -- South -- Top/Side -- FM009
Entries 1.189719e+07

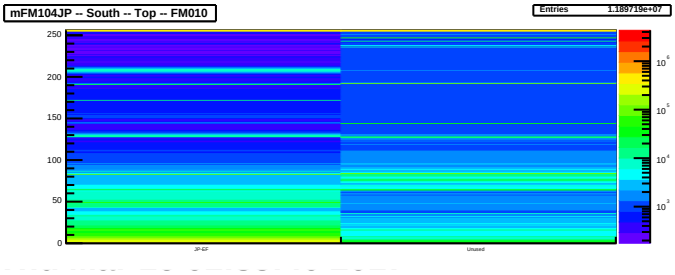

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3767194

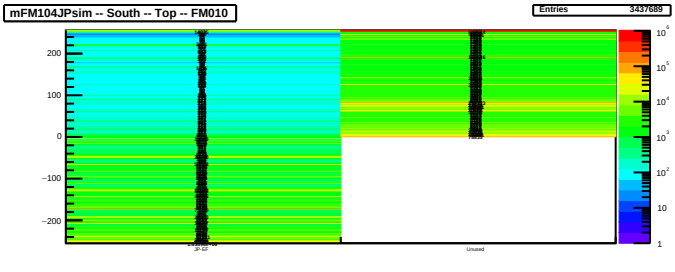

mFM104BS -- North -- Top -- FM010
Entries 2.379438e+07

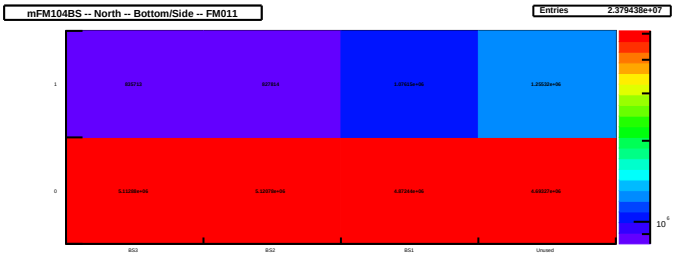

mFM104BSsim -- North -- Top -- FM010
Entries 6426898

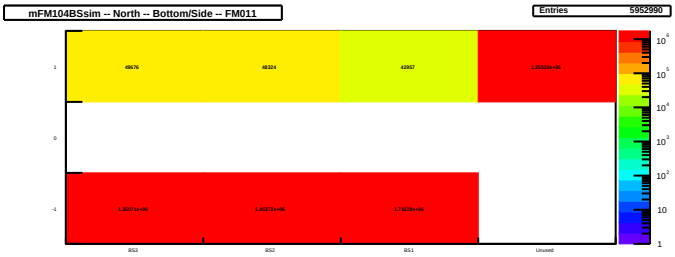

mFM104J -- South -- Top -- FM010
Entries 5948594
Unused

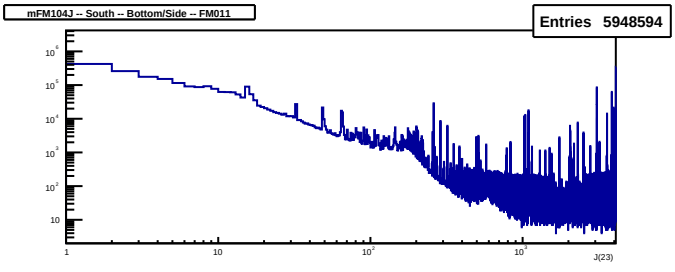

mFM104Jsim -- South -- Top -- FM010
Entries 1713649
Unused

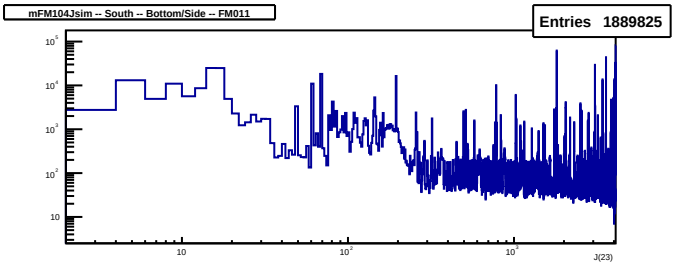

mFM104JP -- South -- Top -- FM010
Entries 1.189719e+07

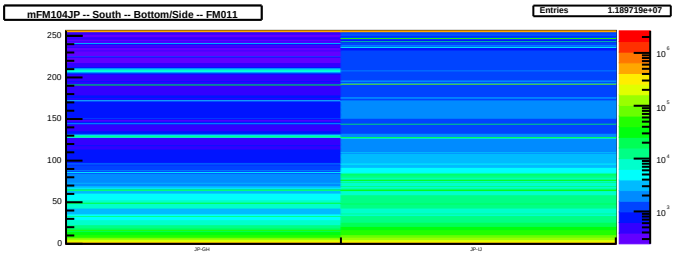

mFM104JPsim -- South -- Top -- FM010
Entries 3437689

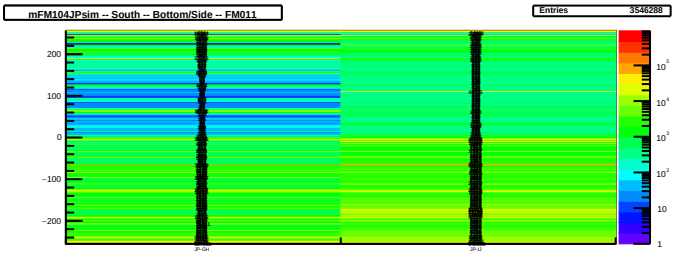

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.379438e+07

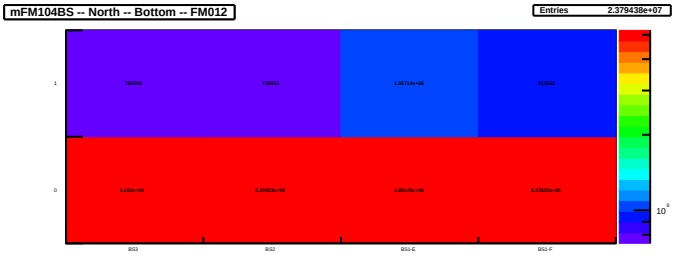

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5952990

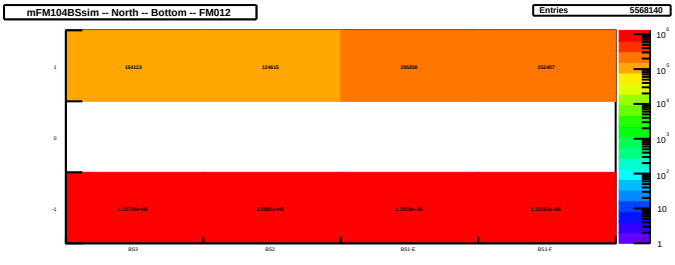

mFM104J -- South -- Bottom/Side -- FM011
Entries 5948594
J(23)

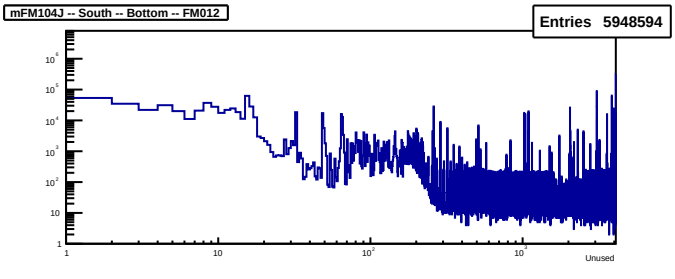

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1889825
J(23)

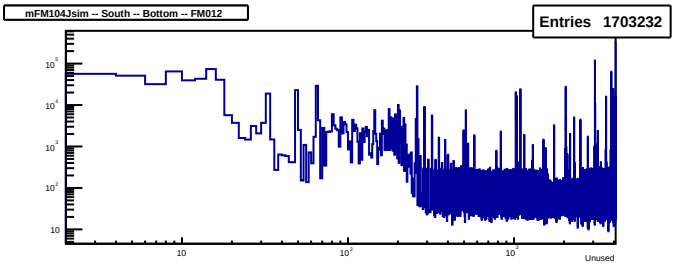

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.189719e+07

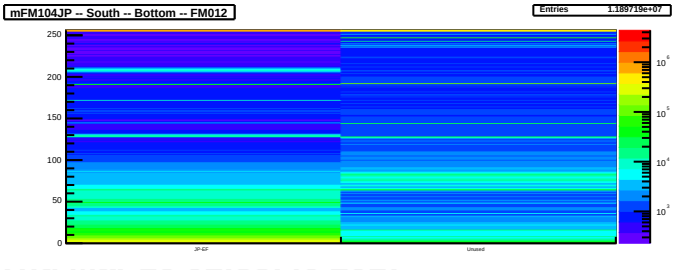

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3546288

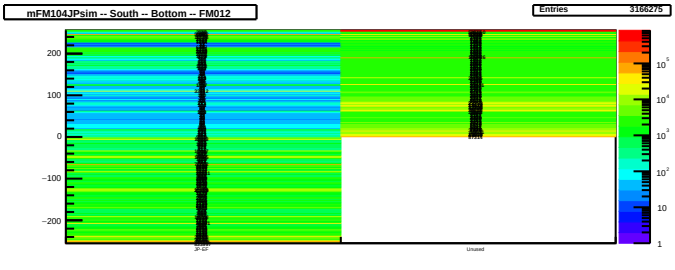

mFM104BS -- North -- Bottom -- FM012
Entries 2.379438e+07

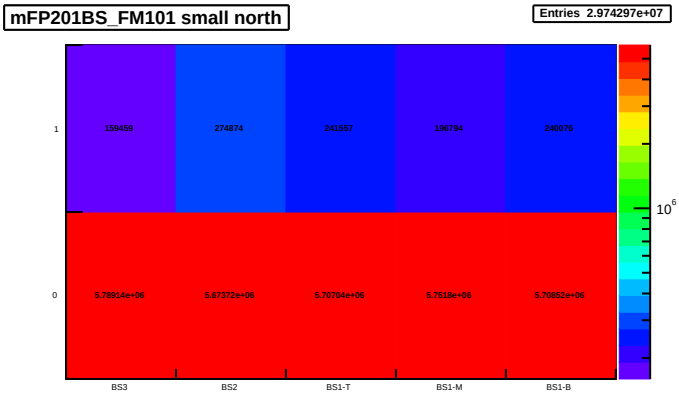

mFM104BSsim -- North -- Bottom -- FM012
Entries 5568140

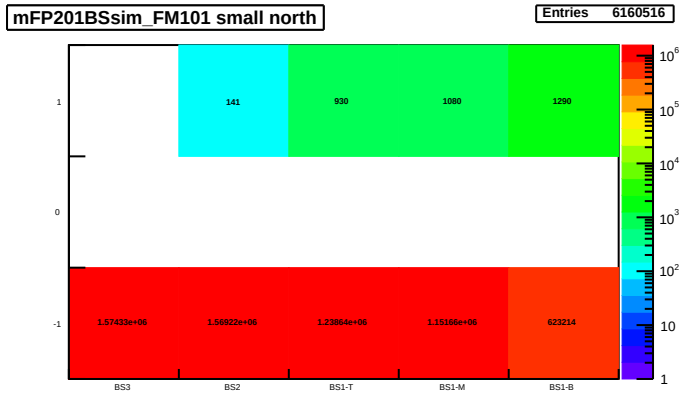

mFM104J -- South -- Bottom -- FM012
Entries 5948594
Unused

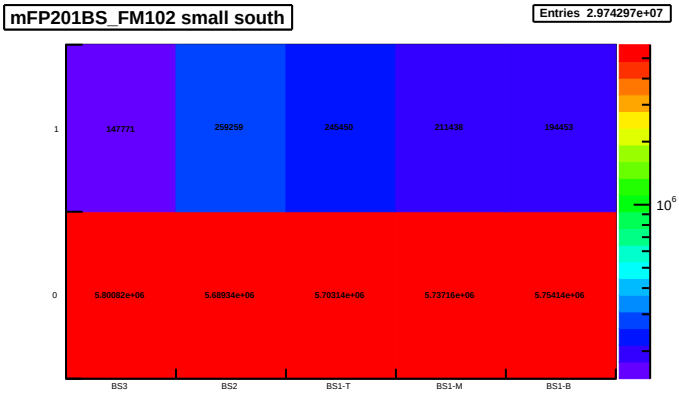

mFM104Jsim -- South -- Bottom -- FM012
Entries 1703232
Unused

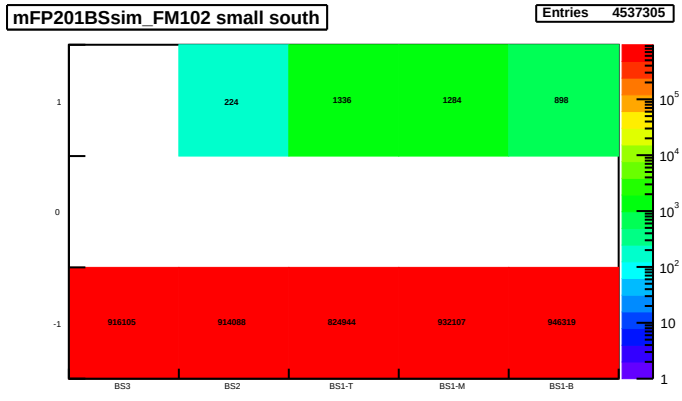

mFM104JP -- South -- Bottom -- FM012
Entries 1.189719e+07

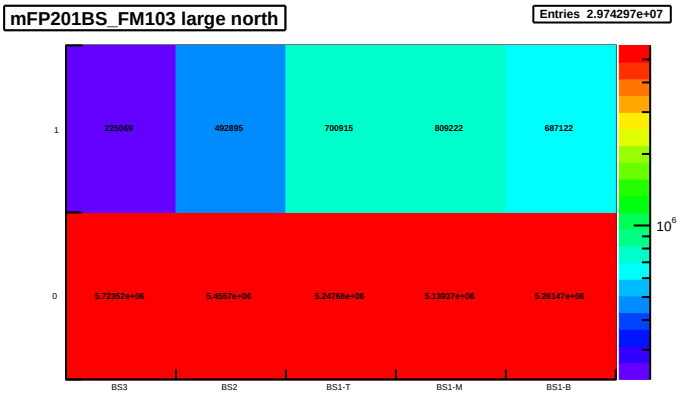

mFM104JPsim -- South -- Bottom -- FM012
Entries 3166275

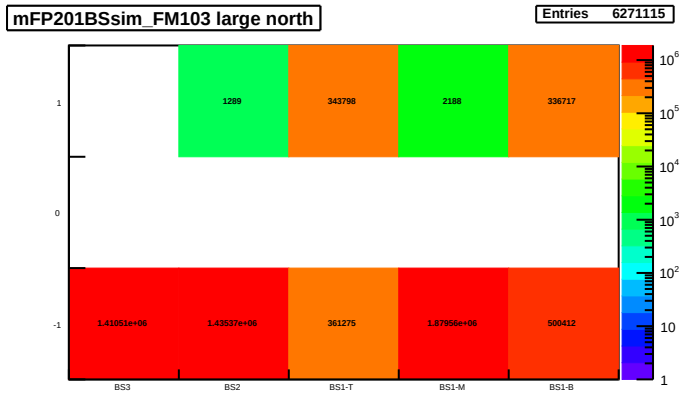

mFP201BS_FM101 small north
Entries 2.974297e+07
159459
274874
241557
196794
240076
5.78914e+06
5.67372e+06
5.70704e+06
5.7518e+06
5.70852e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

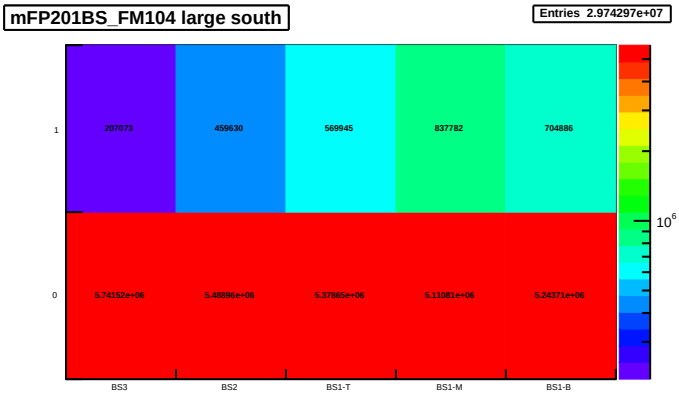

mFP201BSsim_FM101 small north
Entries 6160516
141
930
1080
1290
1.57433e+06
1.56922e+06
1.23864e+06
1.15166e+06
623214
BS3
BS2
BS1-T
BS1-M
BS1-B

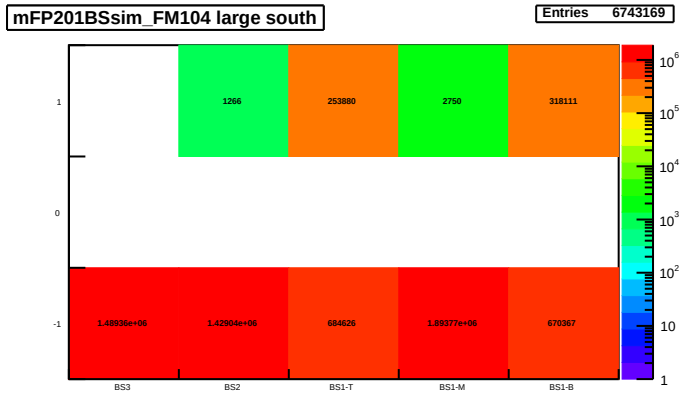

mFP201BS_FM102 small south
Entries 2.974297e+07
147771
259259
245450
211438
194453
5.80082e+06
5.68934e+06
5.70314e+06
5.73716e+06
5.75414e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

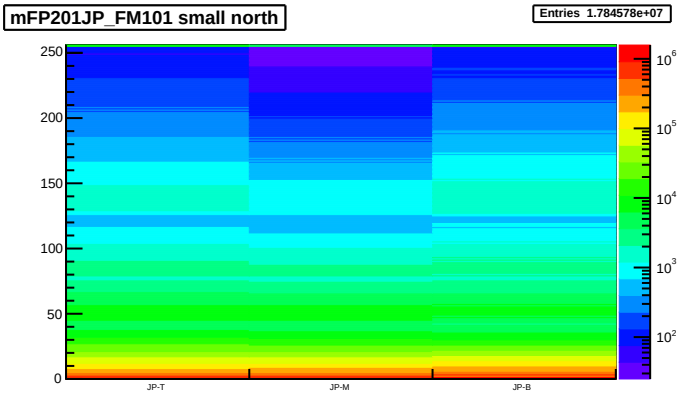

mFP201BSsim_FM102 small south
Entries 4537305
224
1336
1284
898
916105
914088
824944
932107
946319
BS3
BS2
BS1-T
BS1-M
BS1-B

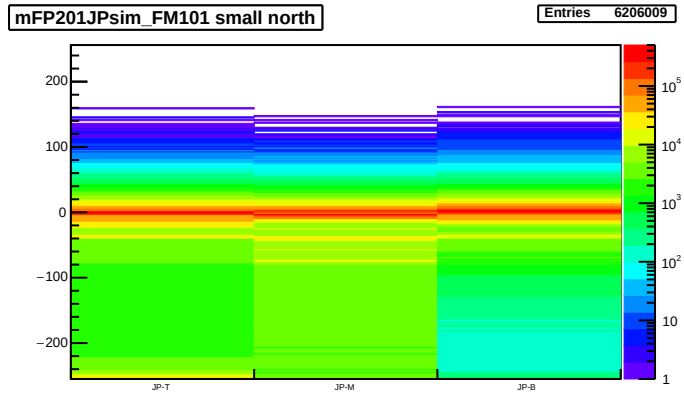

mFP201BS_FM103 large north
Entries 2.974297e+07
225069
492895
700915
809222
687122
5.72352e+06
5.4557e+06
5.24768e+06
5.13937e+06
5.26147e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

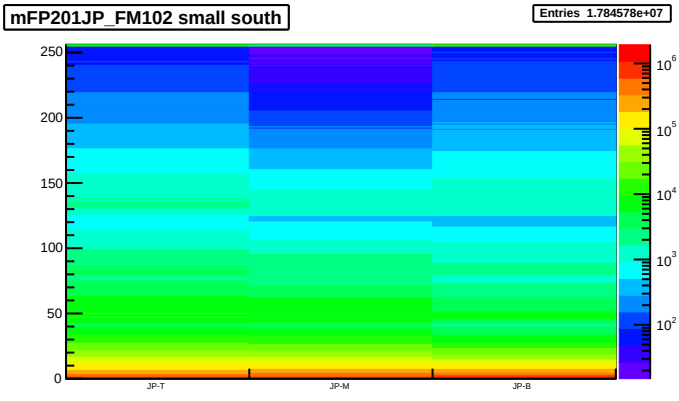

mFP201BSsim_FM103 large north
Entries 6271115
1289
343798
2188
336717
1.41051e+06
1.43537e+06
361275
1.87956e+06
500412
BS3
BS2
BS1-T
BS1-M
BS1-B

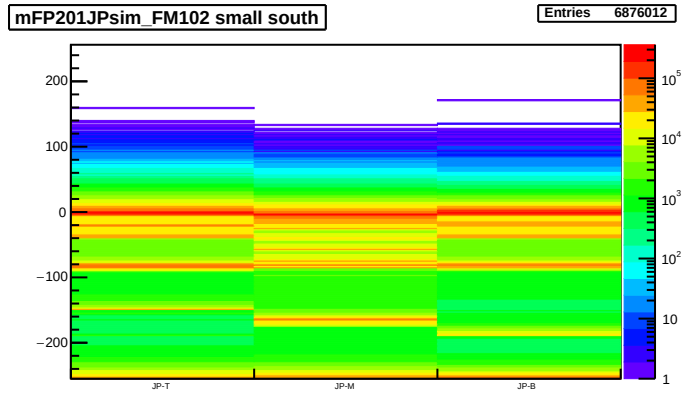

mFP201BS_FM104 large south
Entries 2.974297e+07
207073
459630
569945
837782
704886
5.74152e+06
5.48896e+06
5.37865e+06
5.11081e+06
5.24371e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

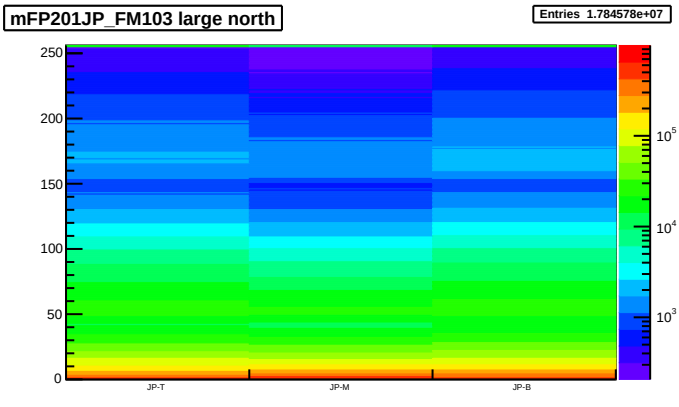

mFP201BSsim_FM104 large south
Entries 6743169
1266
253880
2750
318111
1.48936e+06
1.42904e+06
684626
1.89377e+06
670367
BS3
BS2
BS1-T
BS1-M
BS1-B

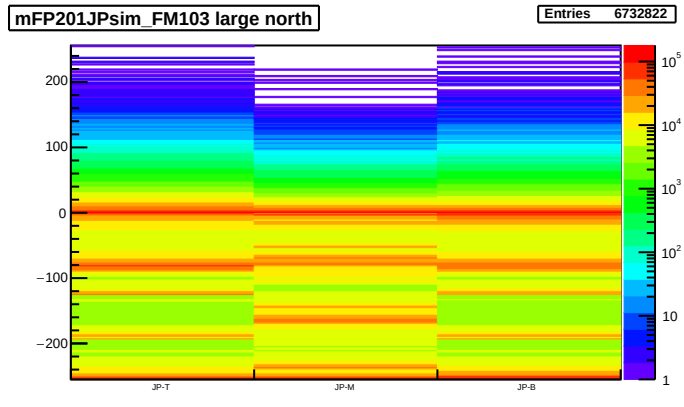

mFP201JP_FM101 small north
Entries 1.784578e+07
JP-T
JP-M
JP-B

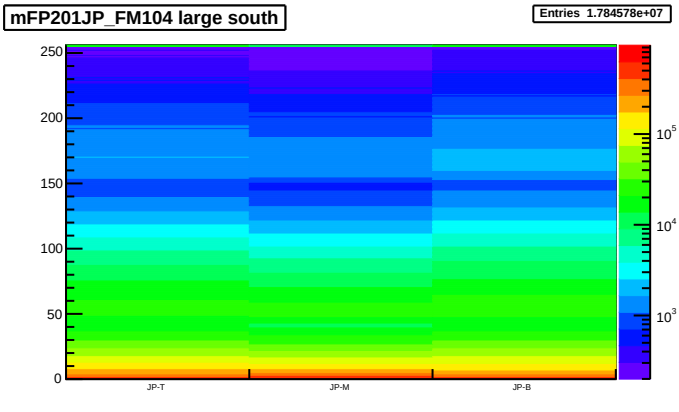

mFP201JPsim_FM101 small north
Entries 6206009
JP-T
JP-M
JP-B

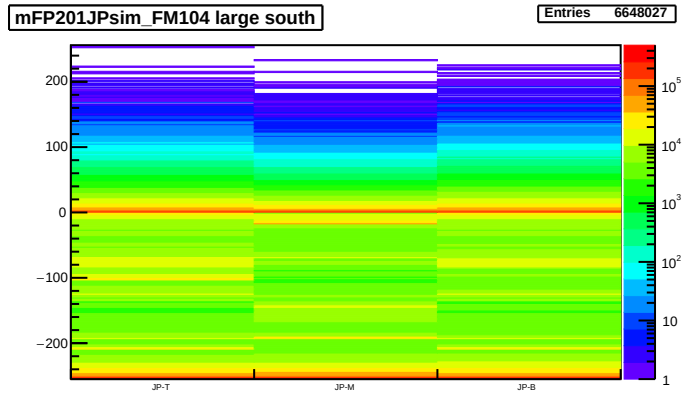

mFP201JP_FM102 small south
Entries 1.784578e+07
JP-T
JP-M
JP-B

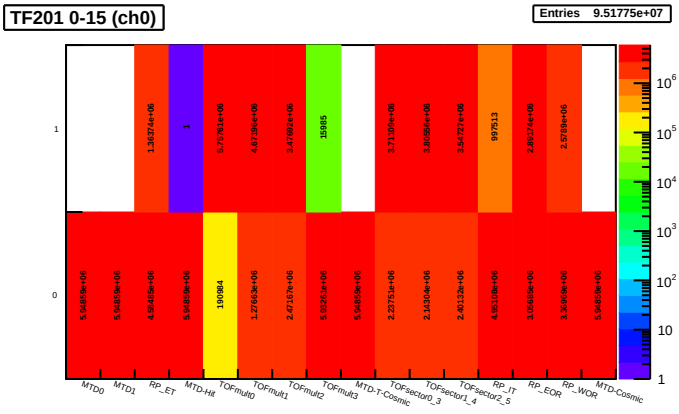

mFP201JPsim_FM102 small south
Entries 6876012
JP-T
JP-M
JP-B

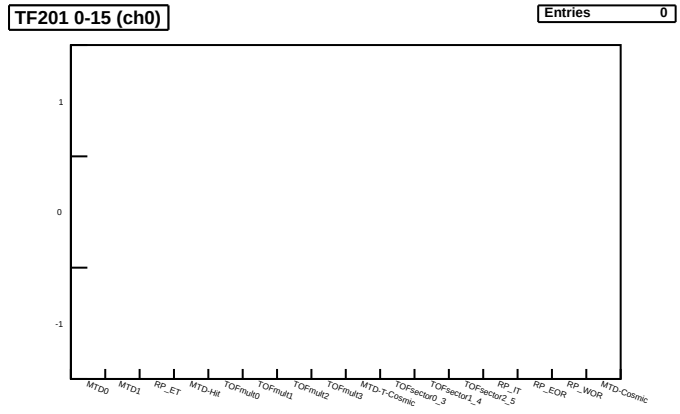

mFP201JP_FM103 large north
Entries 1.784578e+07
JP-T
JP-M
JP-B

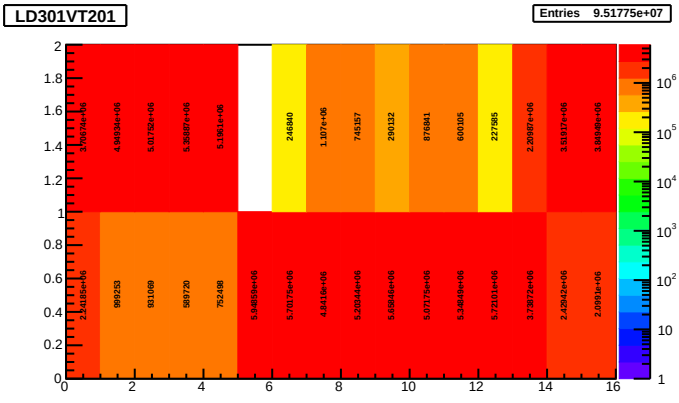

mFP201JPsim_FM103 large north
Entries 6732822
JP-T
JP-M
JP-B

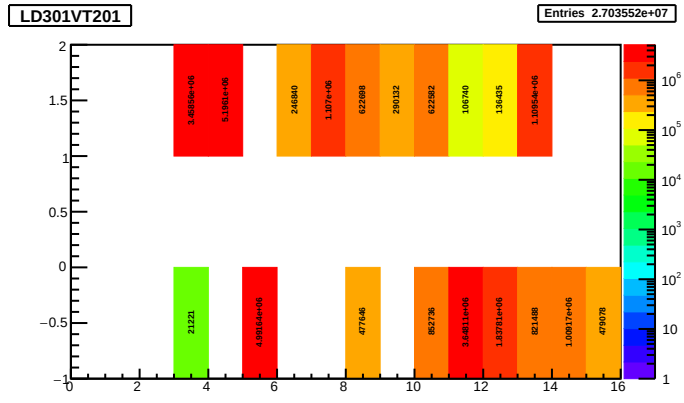

mFP201JP_FM104 large south
Entries 1.784578e+07
JP-T
JP-M
JP-B

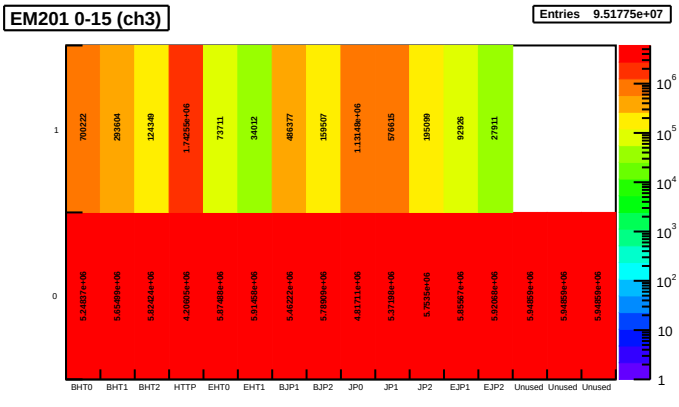

mFP201JPsim_FM104 large south
Entries 6648027
JP-T
JP-M
JP-B

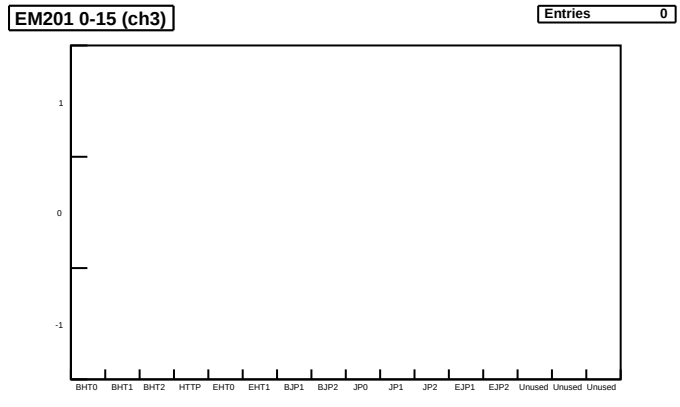

TF201 0-15 (ch0)
Entries 9.51775e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

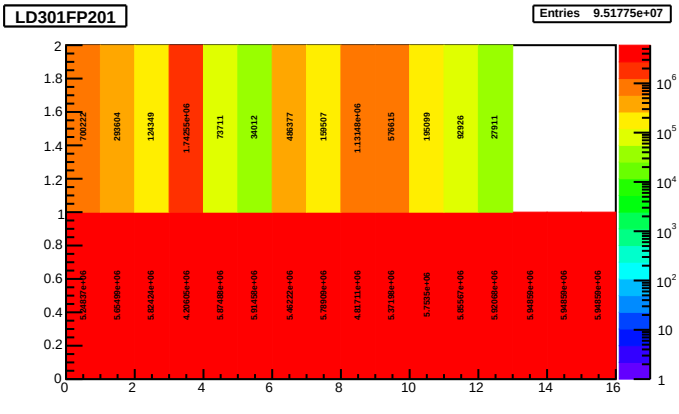

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

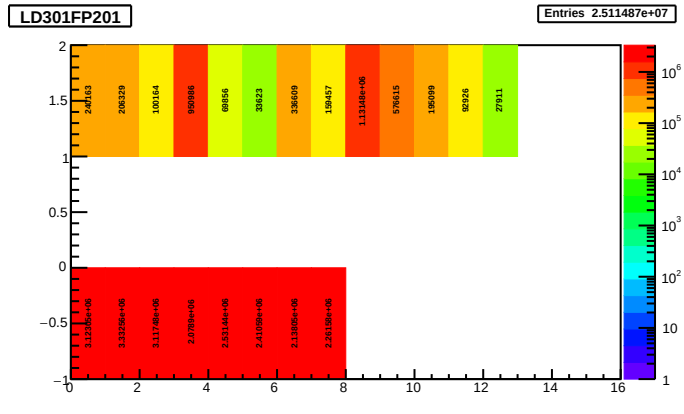

LD301VT201
Entries 9.51775e+07


LD301VT201
Entries 2.703552e+07


EM201 0-15 (ch3)
Entries 9.51775e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 9.51775e+07


LD301FP201
Entries 2.511487e+07