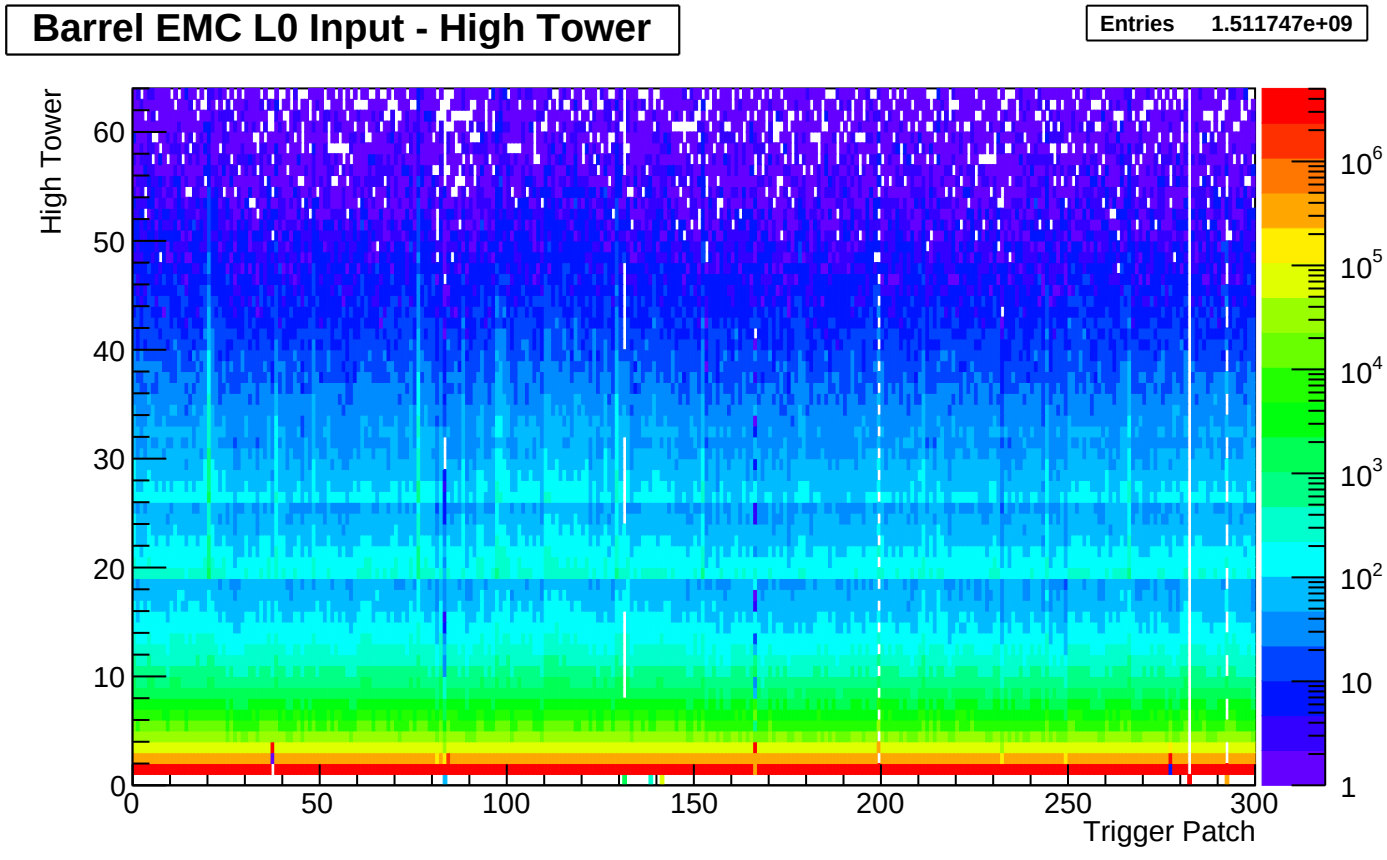
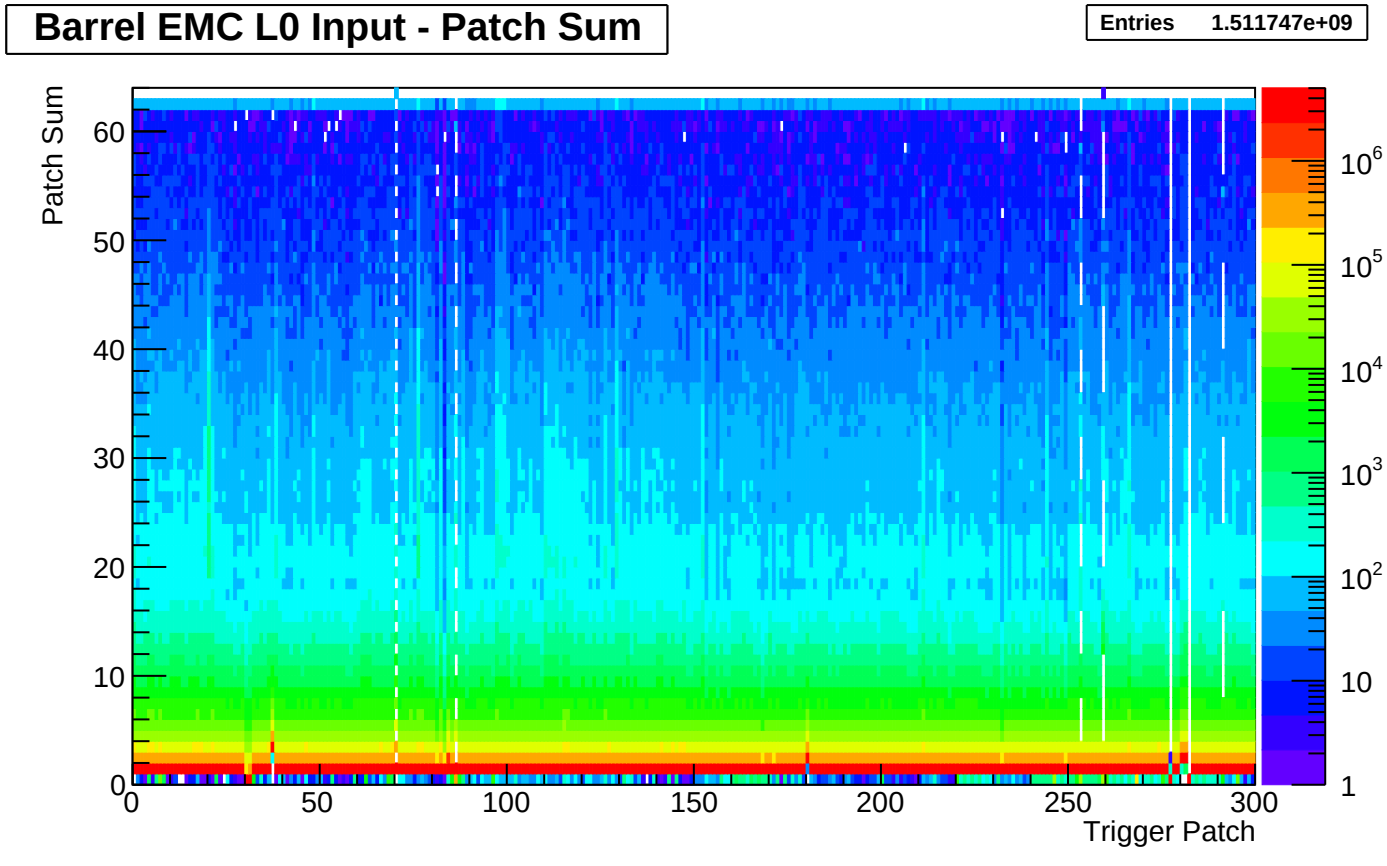
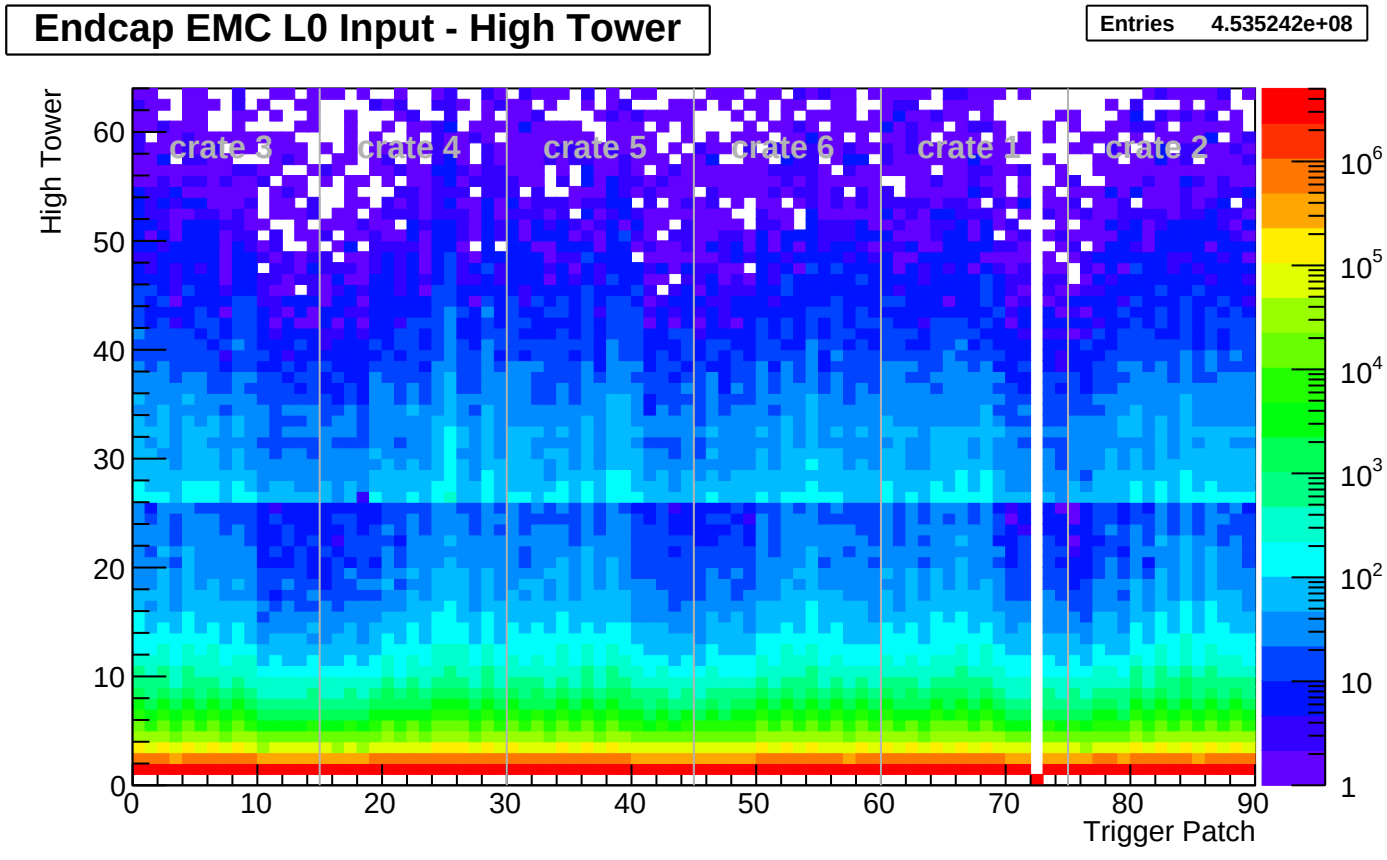
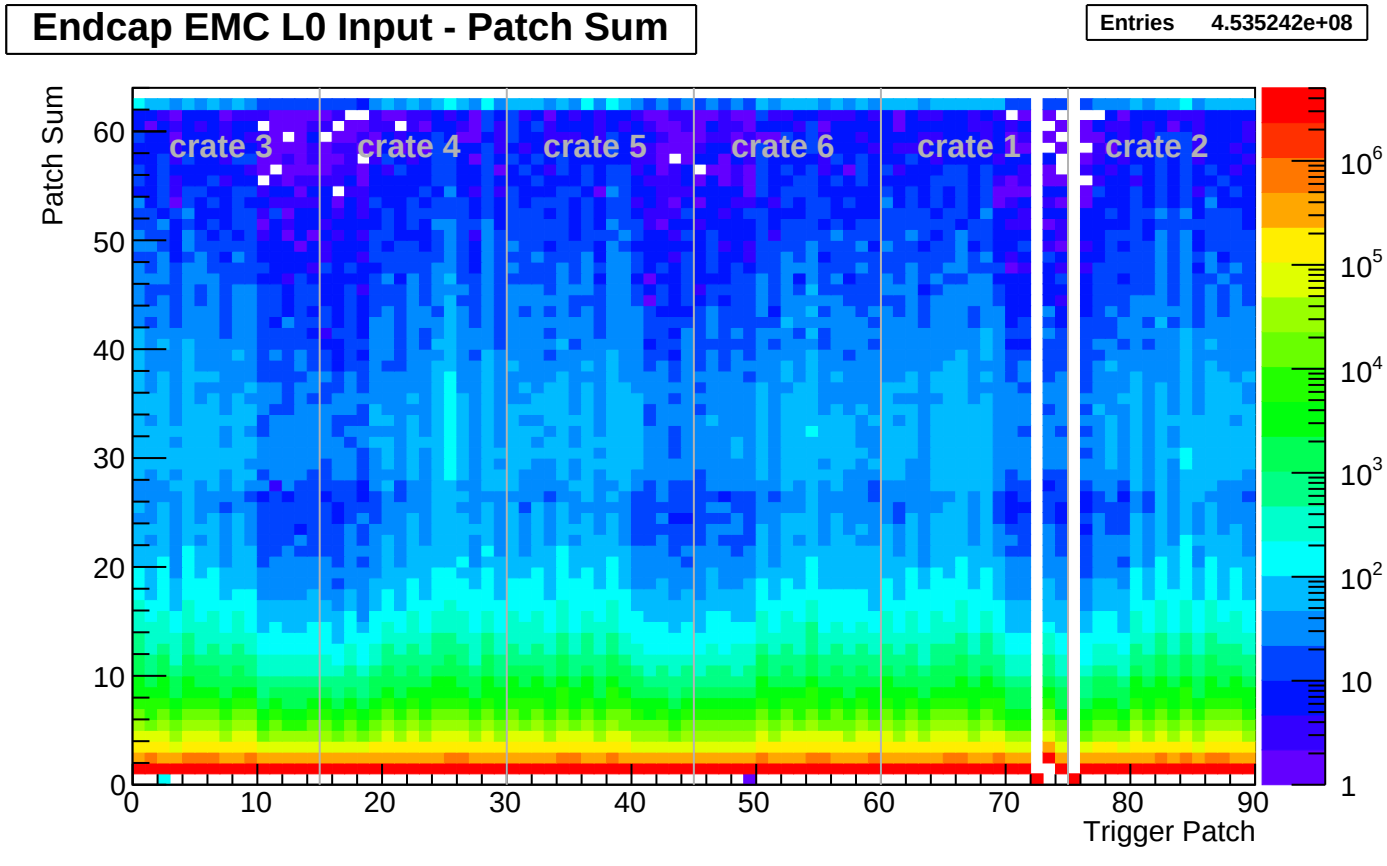
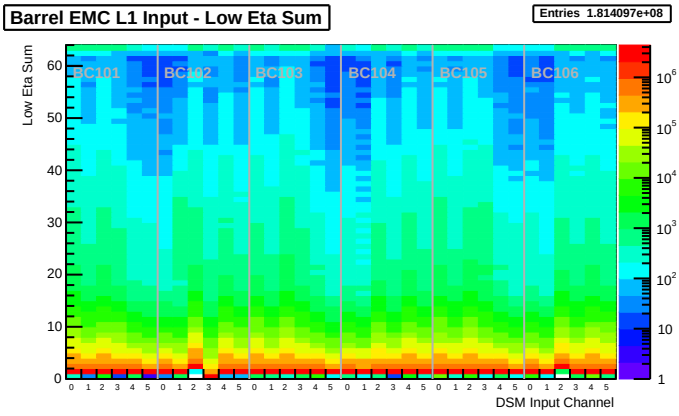
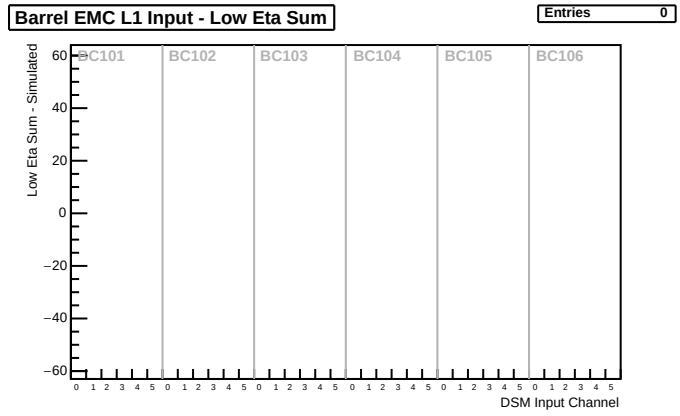

Barrel EMC L0 Input - High Tower
Entries 1.511747e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

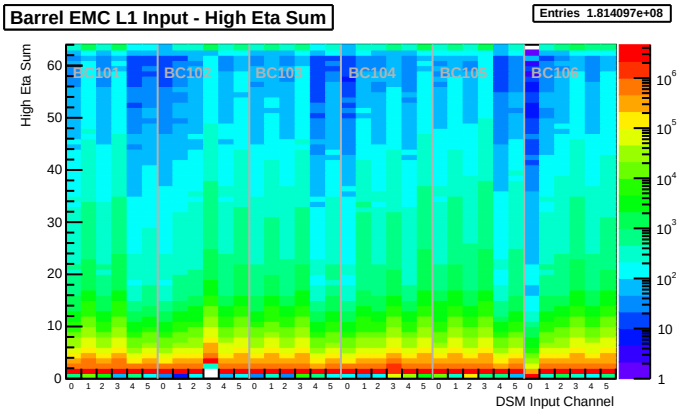

Barrel EMC L0 Input - Patch Sum
Entries 1.511747e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

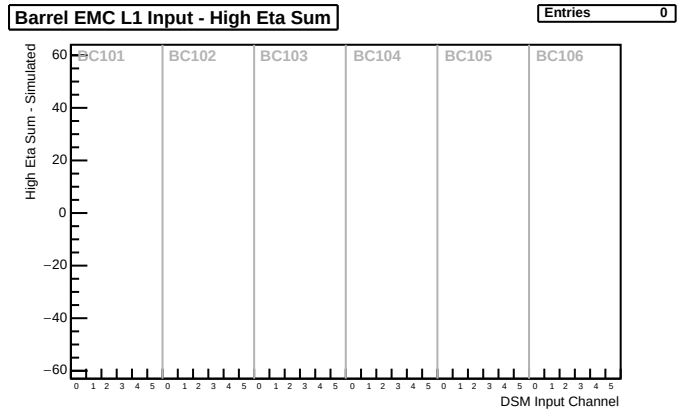

Endcap EMC L0 Input - High Tower
Entries 4.535242e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

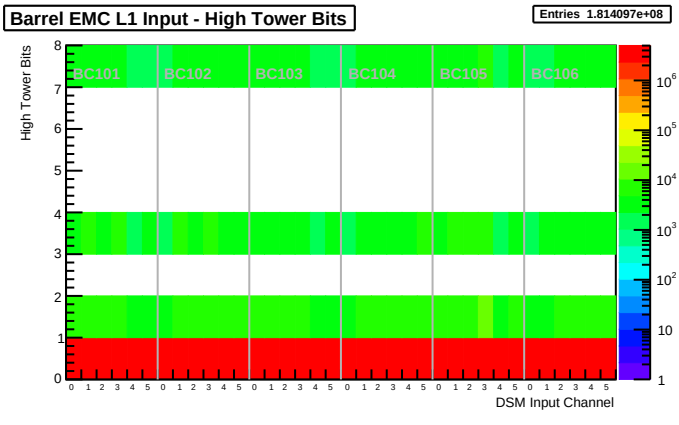

Endcap EMC L0 Input - Patch Sum
Entries 4.535242e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

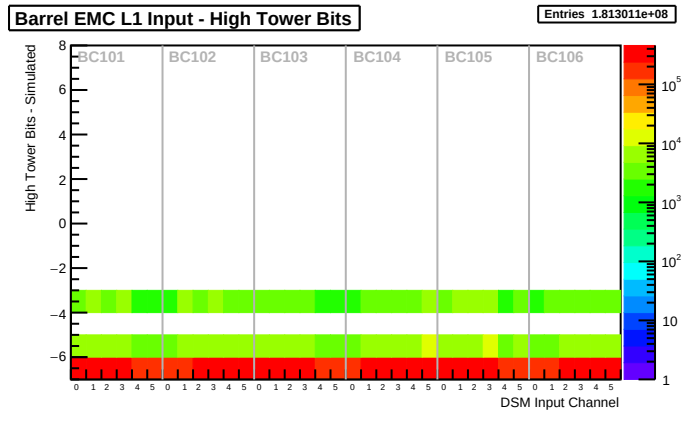

Barrel EMC L1 Input - Low Eta Sum
Entries 1.814097e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

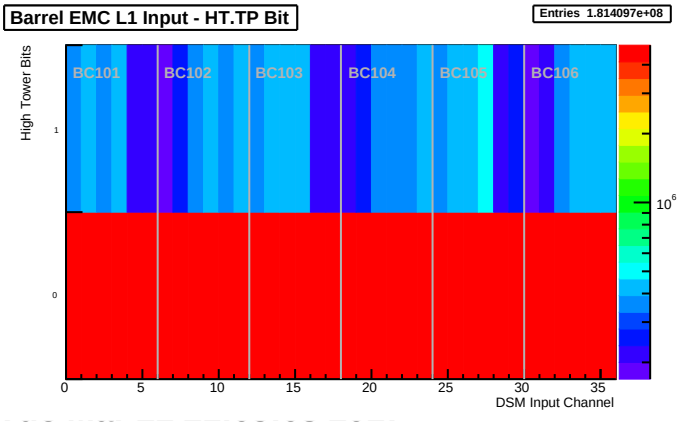

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

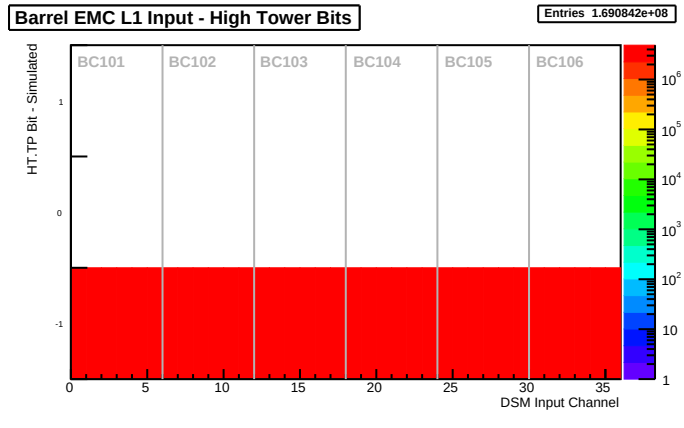

Barrel EMC L1 Input - High Eta Sum
Entries 1.814097e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

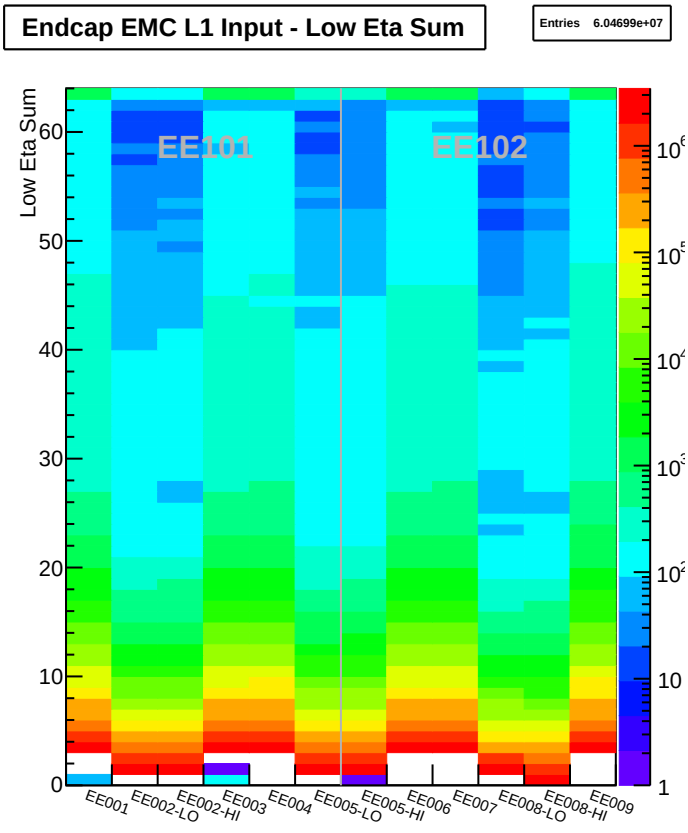

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

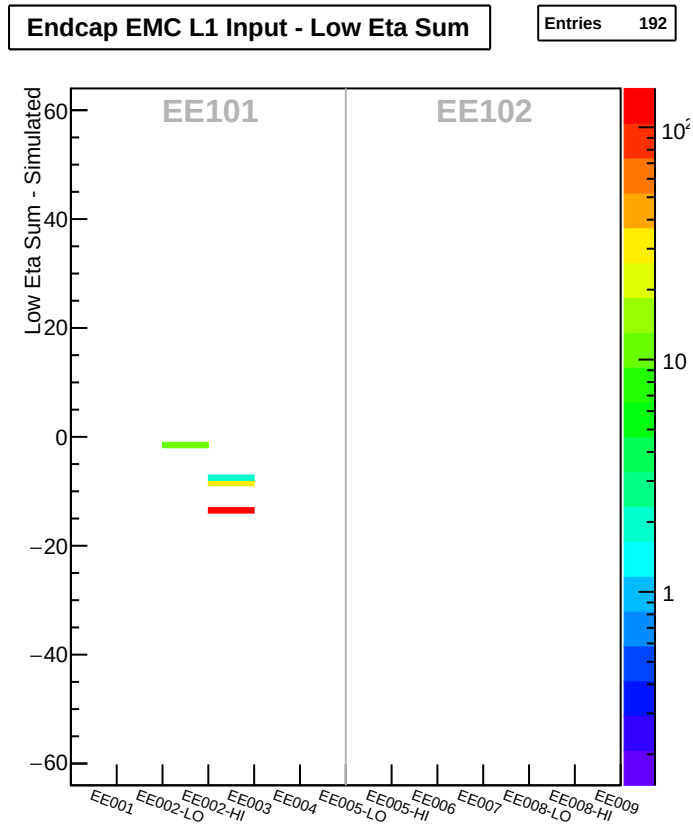

Barrel EMC L1 Input - High Tower Bits
Entries 1.814097e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

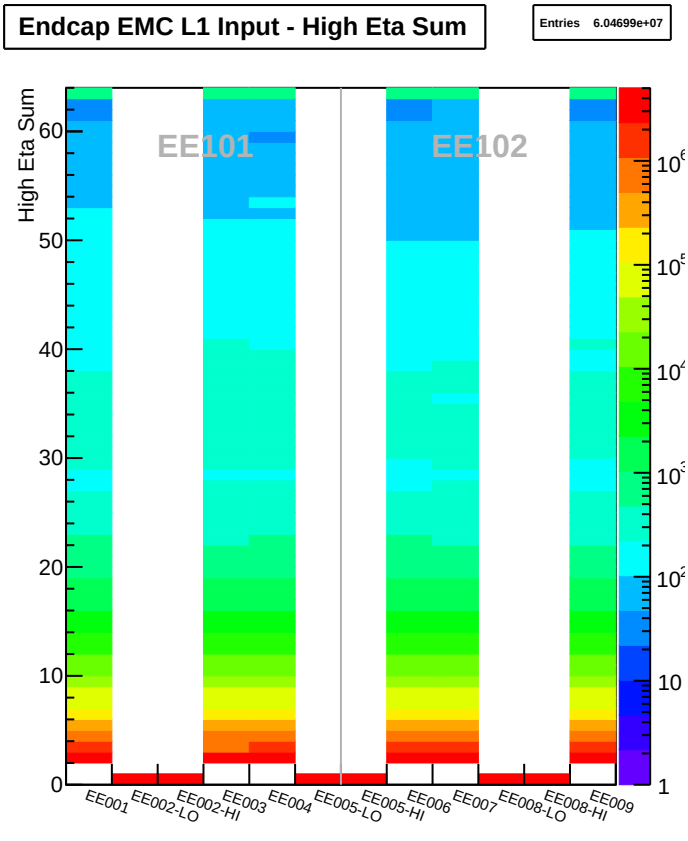

Barrel EMC L1 Input - High Tower Bits
Entries 1.813011e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

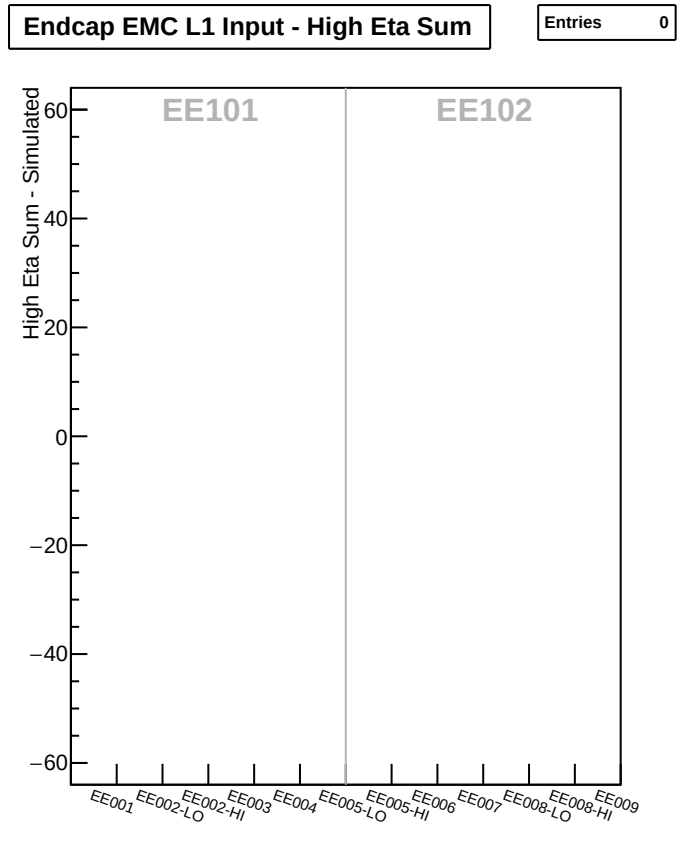

Barrel EMC L1 Input - HT.TP Bit
Entries 1.814097e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

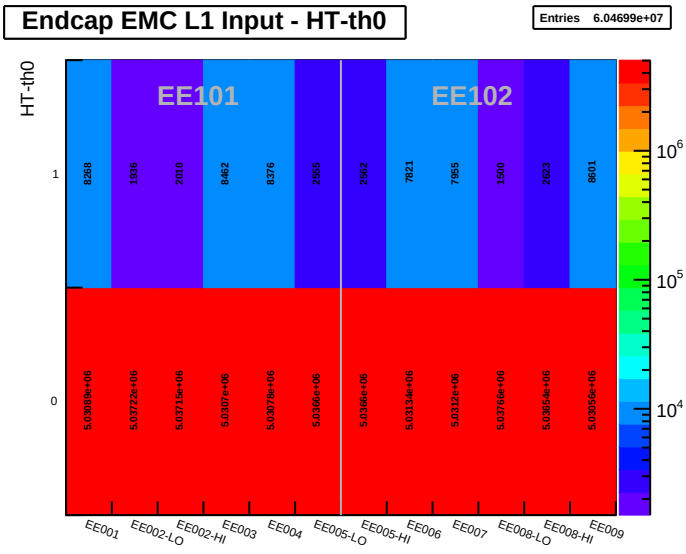

Barrel EMC L1 Input - High Tower Bits
Entries 1.690842e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

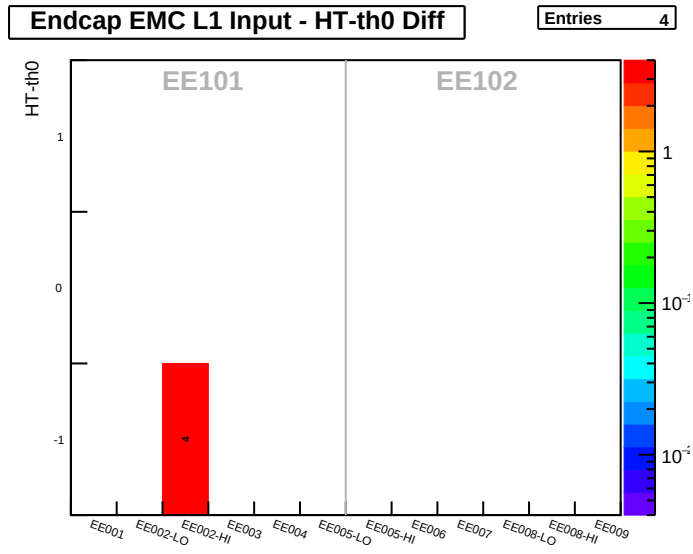

Endcap EMC L1 Input - Low Eta Sum
Entries 6.04699e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

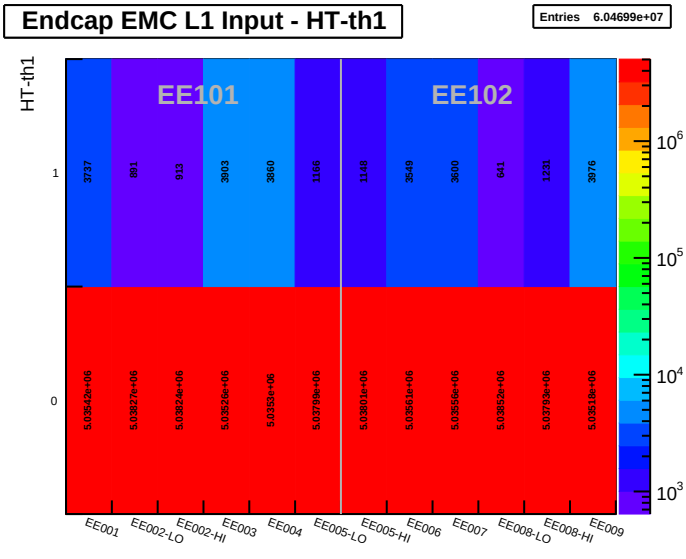

Endcap EMC L1 Input - Low Eta Sum
Entries 192
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

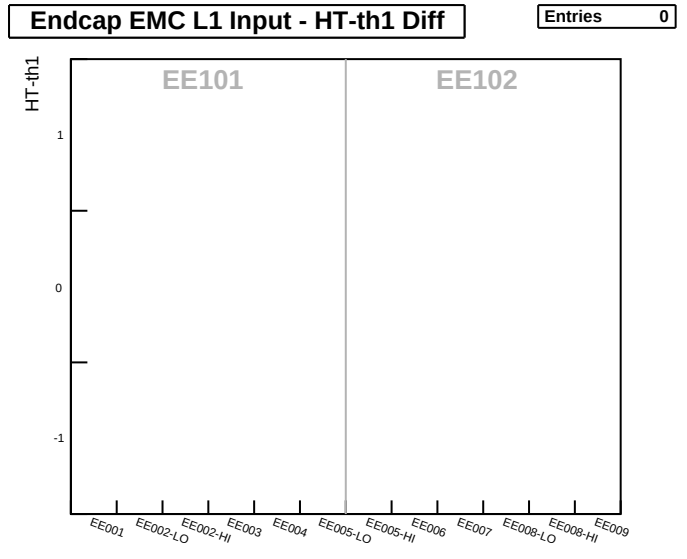

Endcap EMC L1 Input - High Eta Sum
Entries 6.04699e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

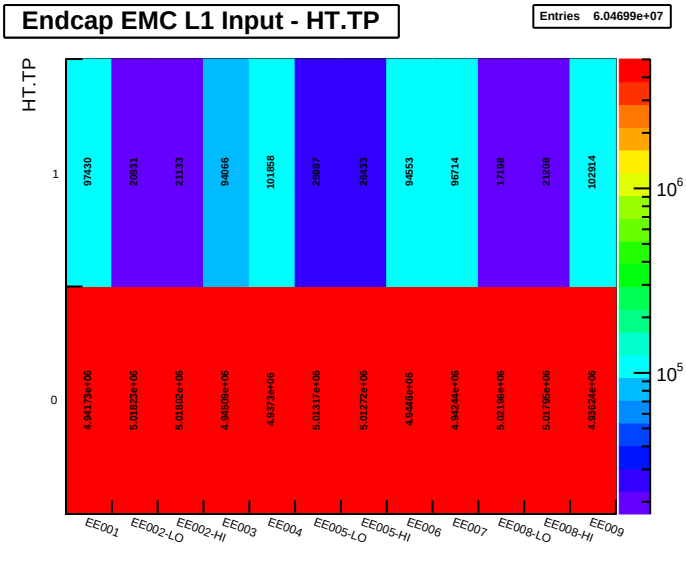

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

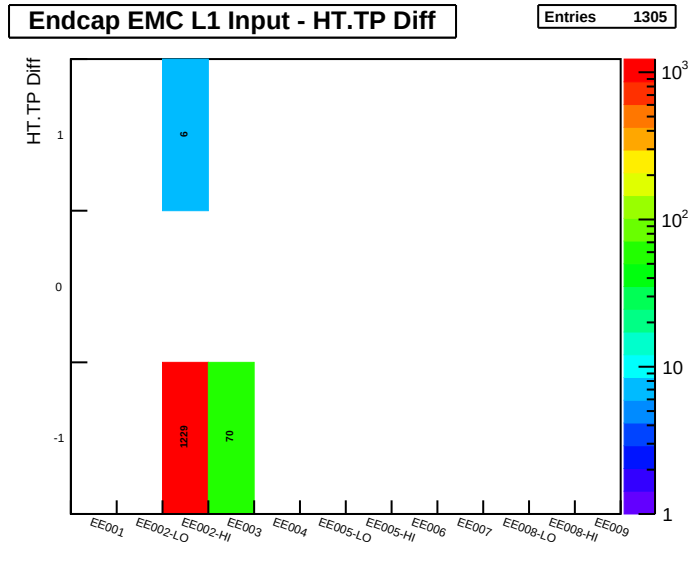

Endcap EMC L1 Input - HT-th0
Entries 6.04699e+07
HT-th0
EE101
EE102
1
0
8268
1936
2010
8462
8376
2555
2562
7821
7955
1500
2623
8601
5.03089e+06
5.03722e+06
5.03715e+06
5.0307e+06
5.03078e+06
5.0366e+06
5.0366e+06
5.03134e+06
5.0312e+06
5.03766e+06
5.03654e+06
5.03056e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

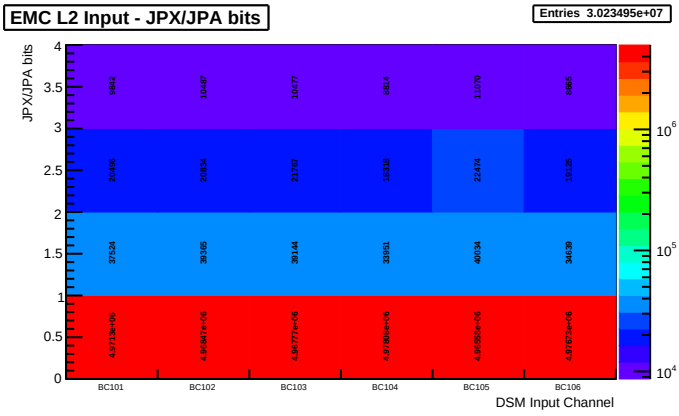

Endcap EMC L1 Input - HT-th0 Diff
Entries 4
HT-th0
EE101
EE102
1
0
-1
4
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
1

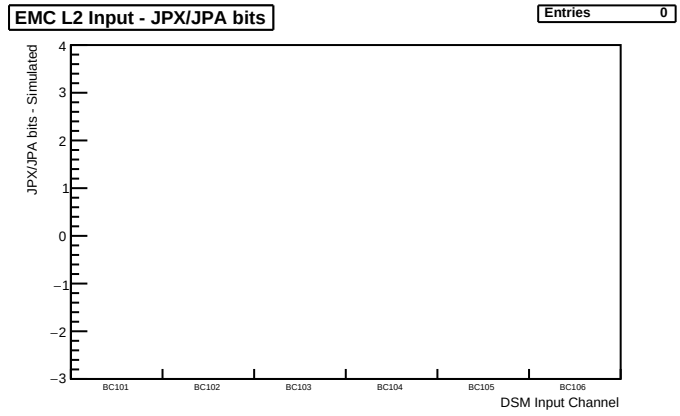

Endcap EMC L1 Input - HT-th1
Entries 6.04699e+07
HT-th1
EE101
EE102
1
0
3737
891
913
3903
3860
1166
1146
3549
3600
641
1231
3976
5.03542e+06
5.03827e+06
5.03824e+06
5.03525e+06
5.0355e+06
5.03799e+06
5.03801e+06
5.03561e+06
5.03555e+06
5.03853e+06
5.03793e+06
5.03518e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

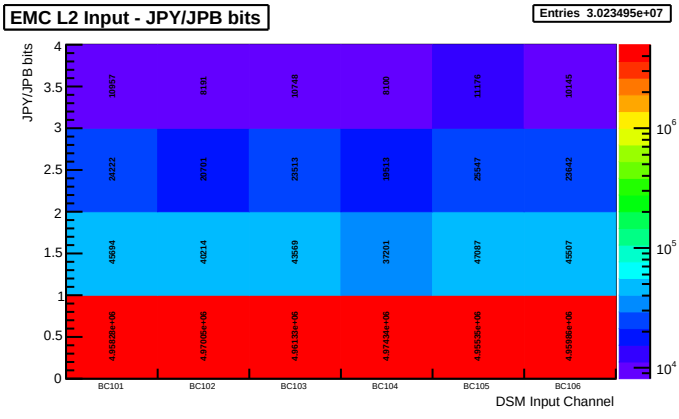

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

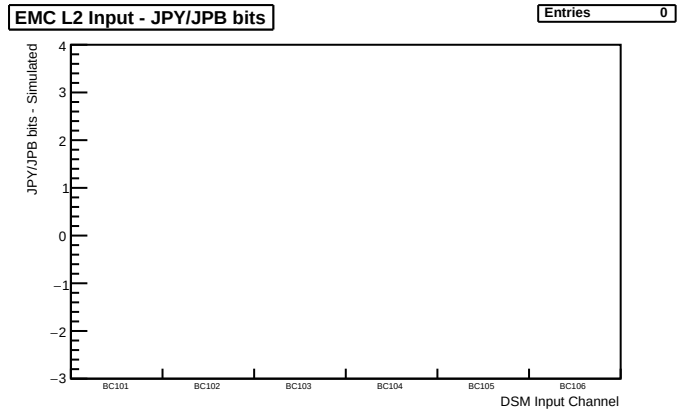

Endcap EMC L1 Input - HT.TP
Entries 6.04699e+07
HT.TP
1
0
97430
20031
21133
94066
101858
25987
26433
94553
96714
17198
21208
102914
4.94172e+06
5.01822e+06
5.01602e+06
4.94509e+06
4.9373e+06
5.01317e+06
5.01272e+06
4.9446e+06
4.94244e+06
5.02196e+06
5.01795e+06
4.93624e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

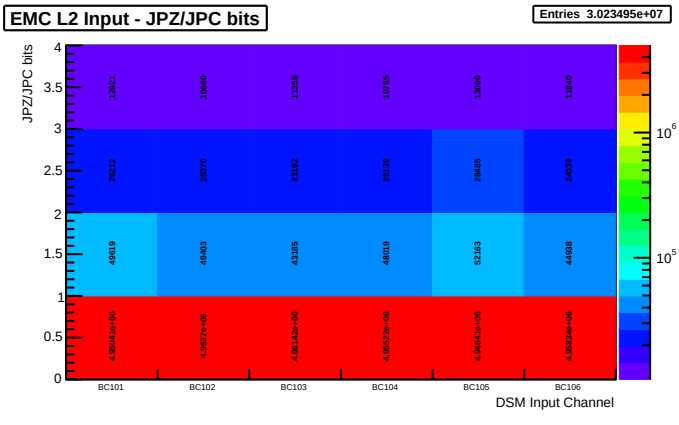

Endcap EMC L1 Input - HT.TP Diff
Entries 1305
HT.TP Diff
1
0
-1
6
1229
70
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^3
10^2
10
1

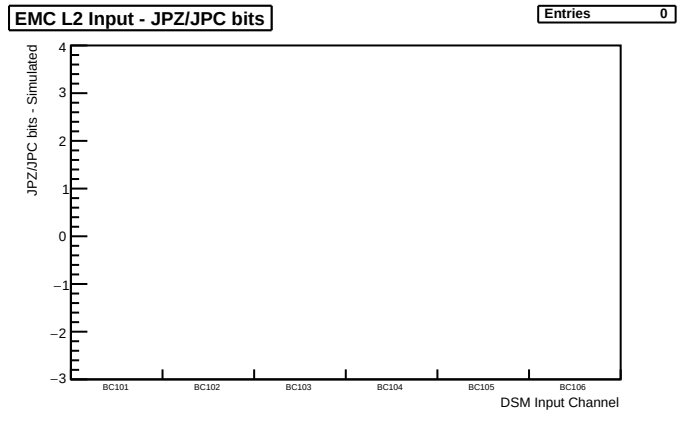

EMC L2 Input - JPX/JPA bits
Entries 3.023495e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

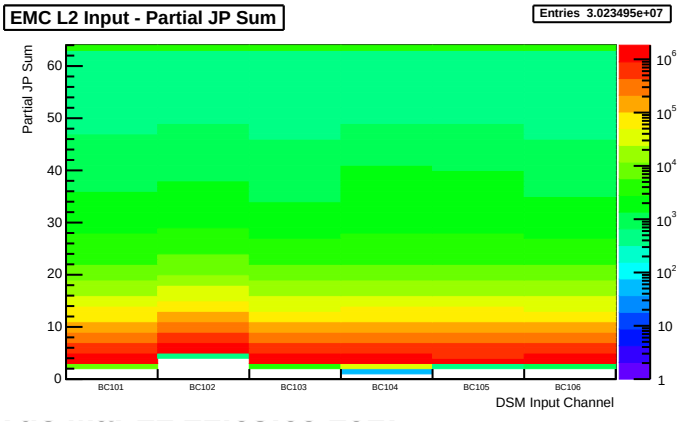

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

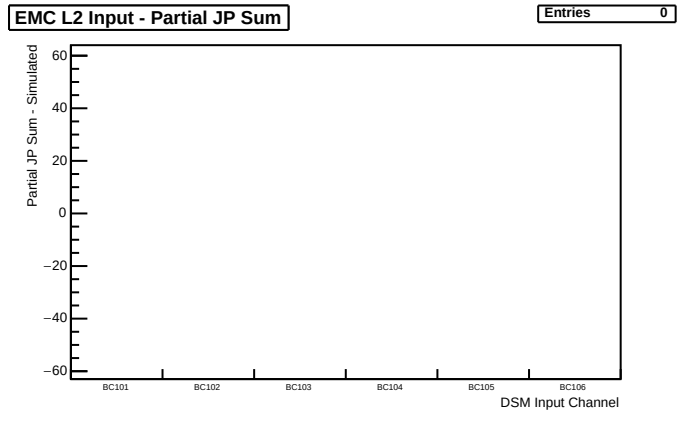

EMC L2 Input - JPY/JPB bits
Entries 3.023495e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

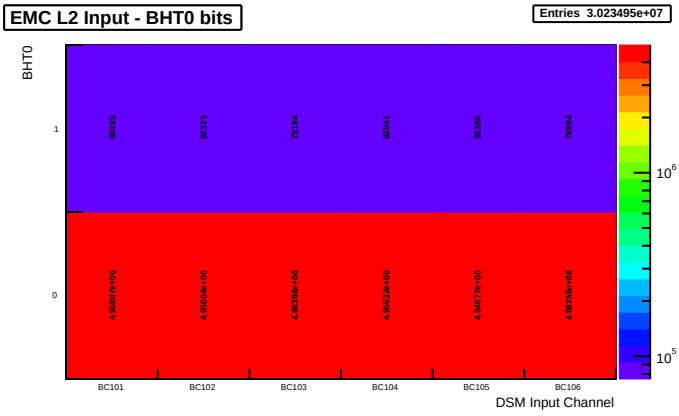

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

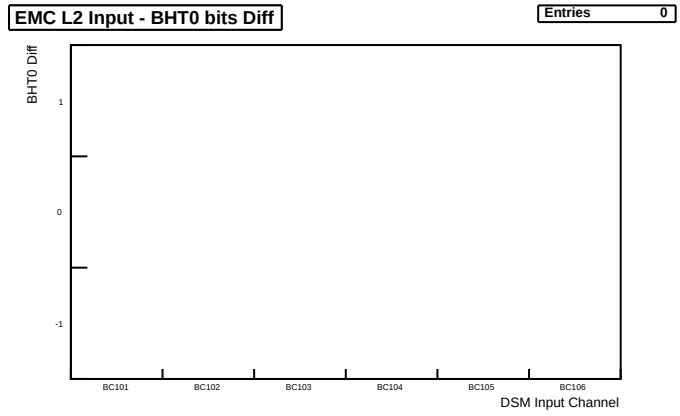

EMC L2 Input - JPZ/JPC bits
Entries 3.023495e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

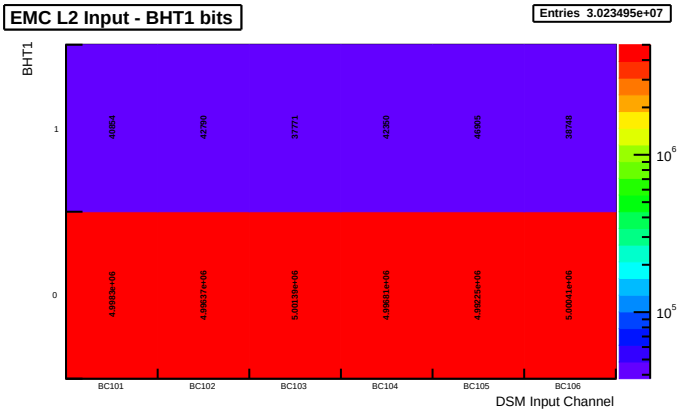

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

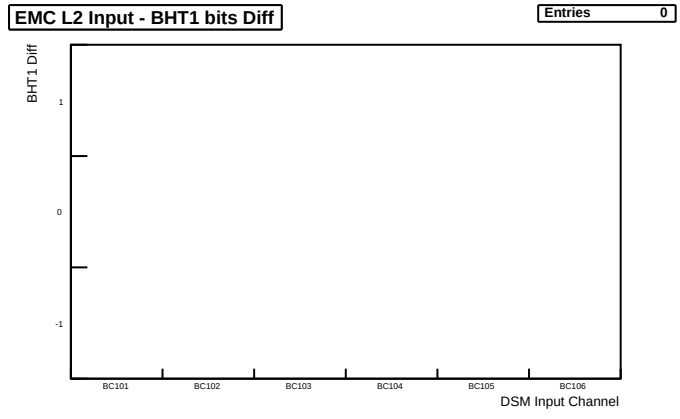

EMC L2 Input - Partial JP Sum
Entries 3.023495e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

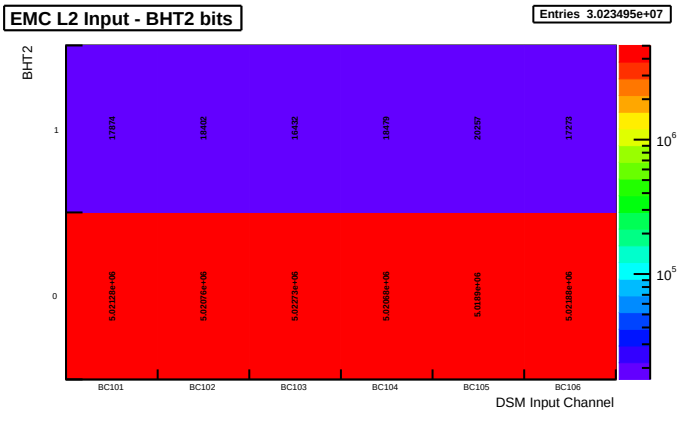

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

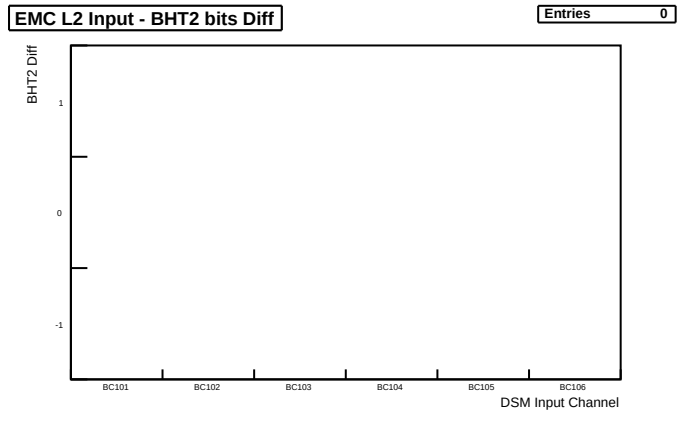

EMC L2 Input - BHT0 bits
Entries 3.023495e+07
BHT0
1
0
80285
82323
75194
82841
92286
76594
4.95887e+06
4.95684e+06
4.95399e+06
4.95632e+06
4.94677e+06
4.95259e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

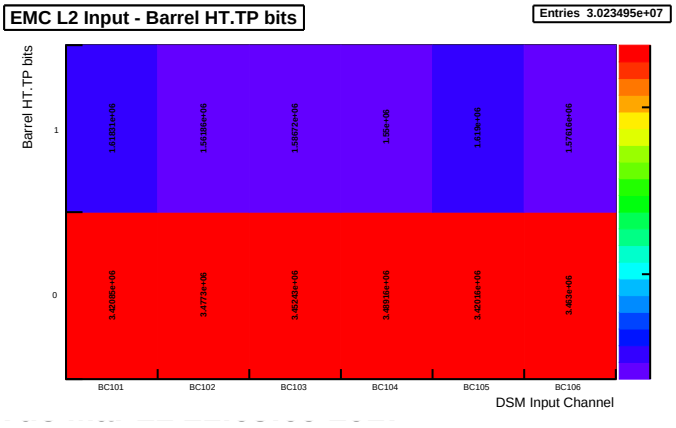

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

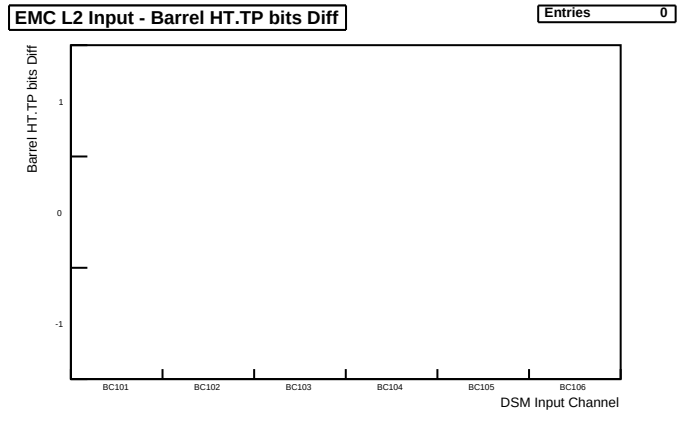

EMC L2 Input - BHT1 bits
Entries 3.023495e+07
BHT1
1
0
40854
42790
37771
42350
45905
38748
4.99836e+06
4.99837e+06
5.00139e+06
4.99801e+06
4.99225e+06
5.00041e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

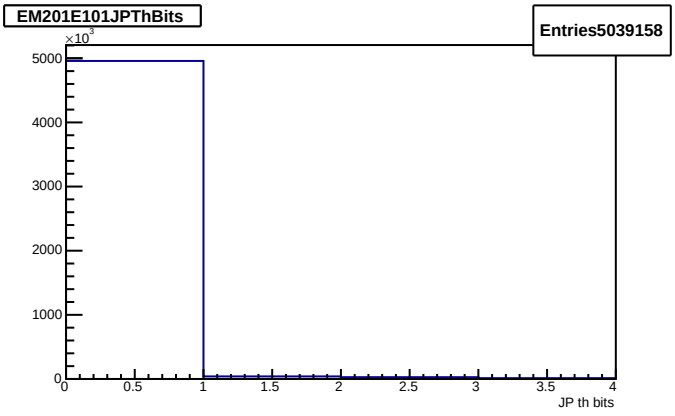

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

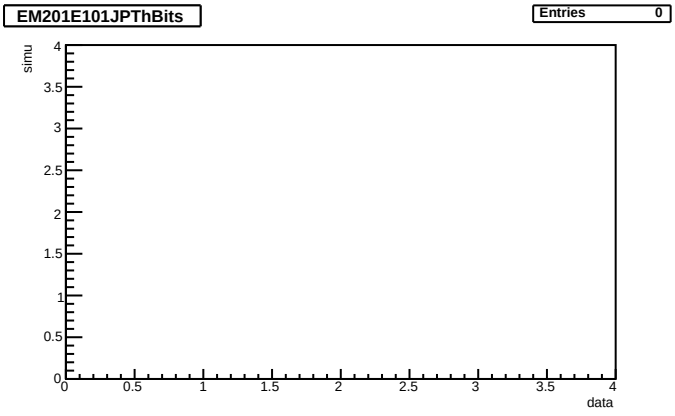

EMC L2 Input - BHT2 bits
Entries 3.023495e+07
BHT2
1
0
17374
19402
16432
18479
20257
17273
5.02128e+06
5.02075e+06
5.02273e+06
5.02058e+06
5.0189e+06
5.02188e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

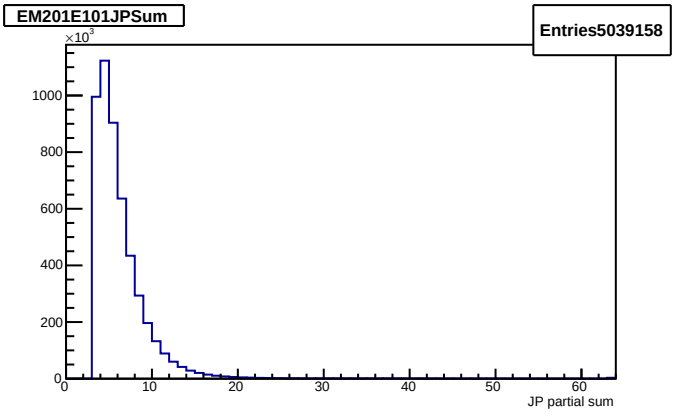

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

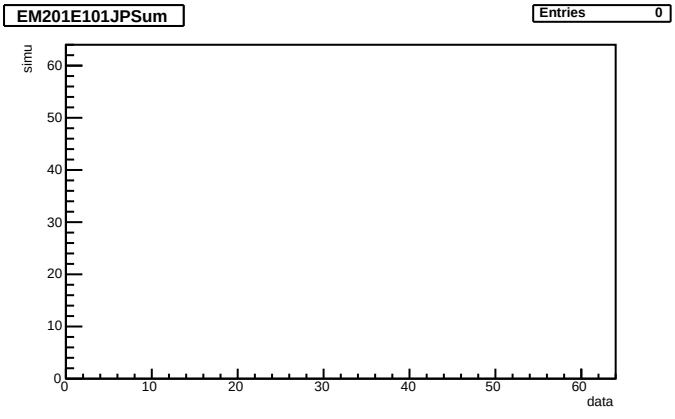

EMC L2 Input - Barrel HT.TP bits
Entries 3.023495e+07
Barrel HT.TP bits
1
0
1.61831e+06
1.56195e+06
1.58672e+06
1.55e+06
1.61e+06
1.57016e+06
3.42085e+06
3.4779e+06
3.45243e+06
3.48316e+06
3.42019e+06
3.463e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

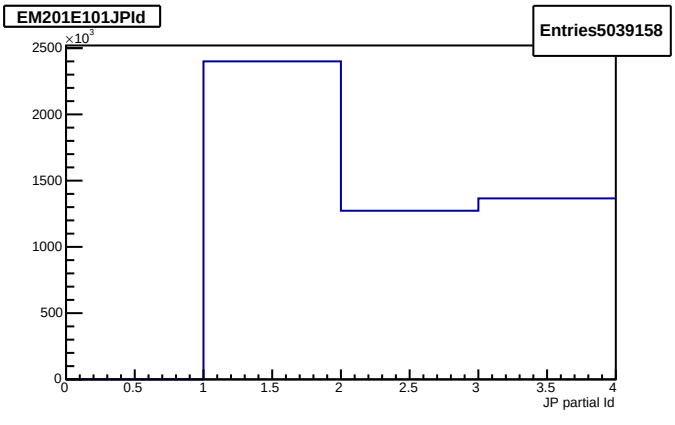

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

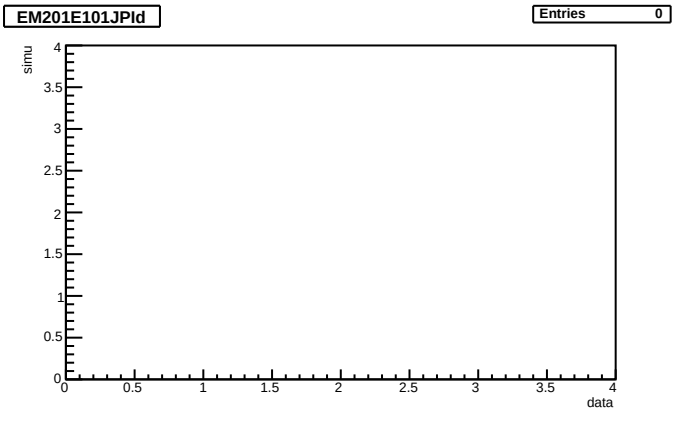

EM201E101JPThBits
Entries5039158
×10^3
JP th bits

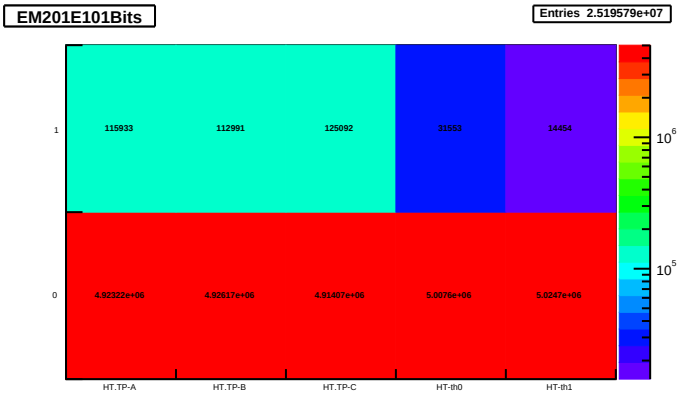

EM201E101JPThBits
Entries 0
simu
data

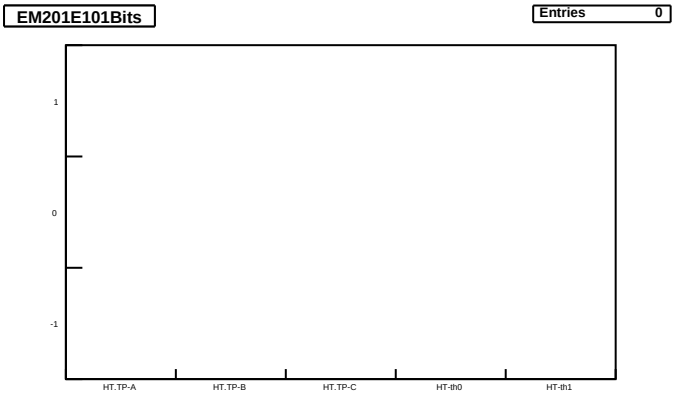

EM201E101JPSum
Entries5039158
×10^3
JP partial sum

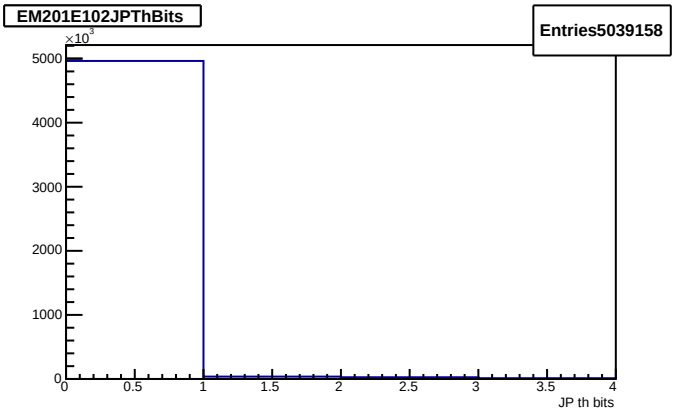

EM201E101JPSum
Entries 0
simu
data

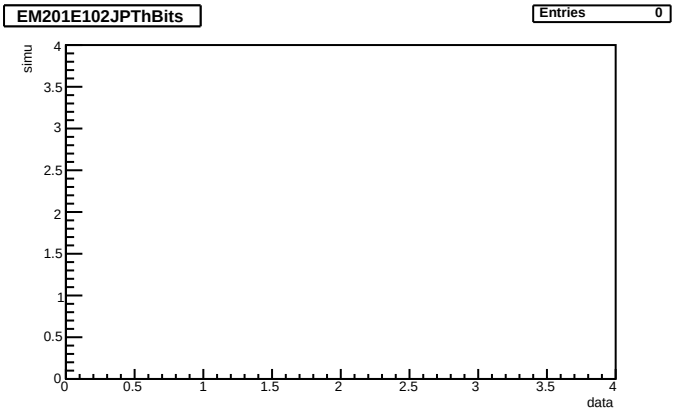

EM201E101JPId
Entries5039158
×10^3
JP partial Id

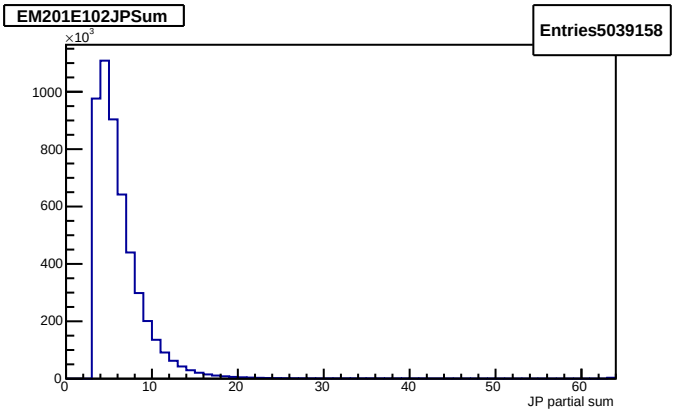

EM201E101JPId
Entries 0
simu
data

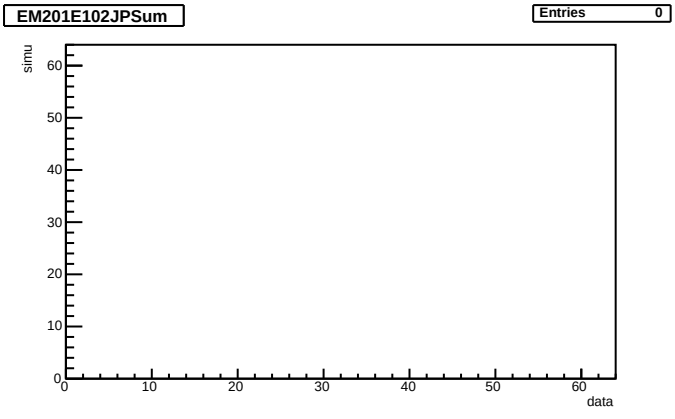

EM201E101Bits
Entries 2.519579e+07
115933
112991
125092
31553
14454
4.92322e+06
4.92617e+06
4.91407e+06
5.0076e+06
5.0247e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

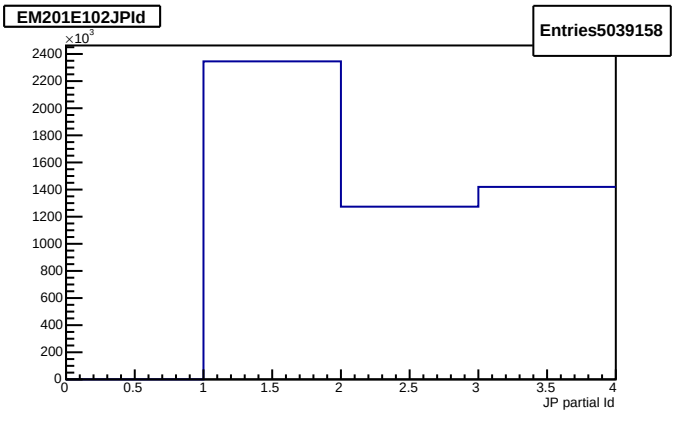

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

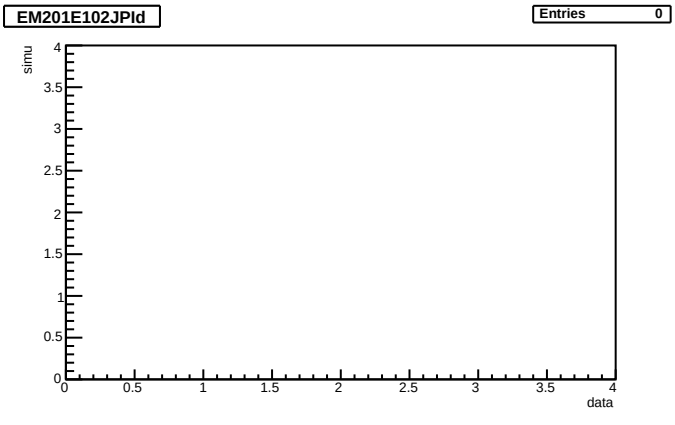

EM201E102JPThBits
Entries5039158
×10^3
JP th bits

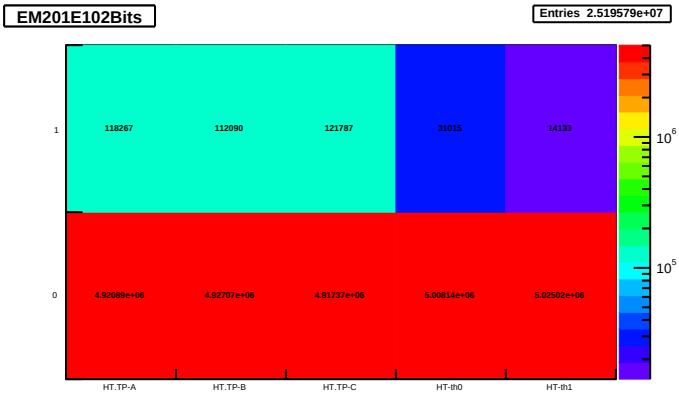

EM201E102JPThBits
Entries 0
simu
data

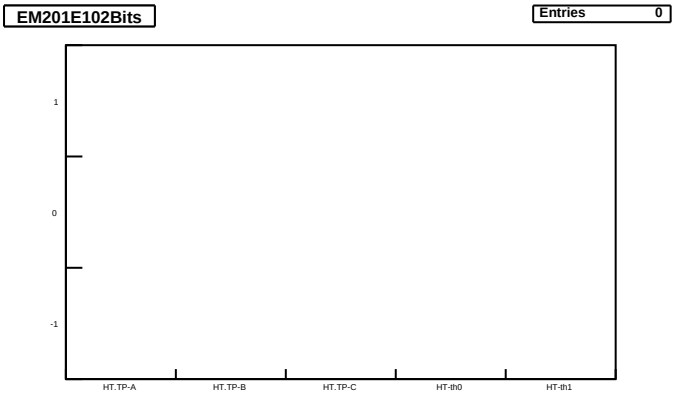

EM201E102JPSum
Entries5039158
×10^3
JP partial sum

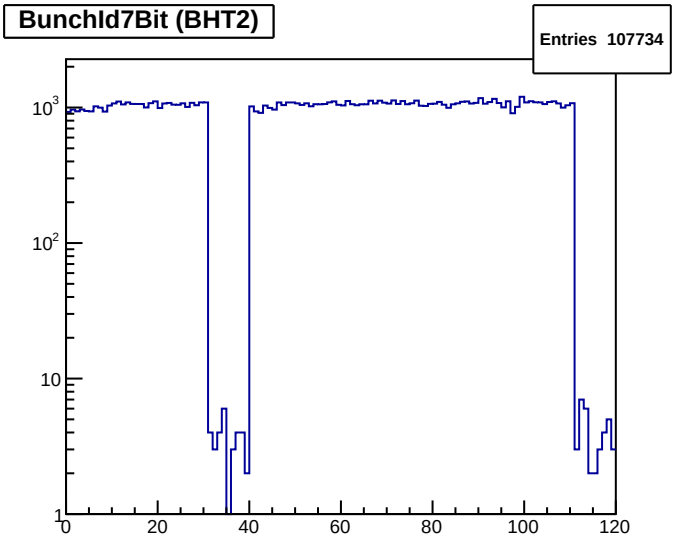

EM201E102JPSum
Entries 0
simu
data

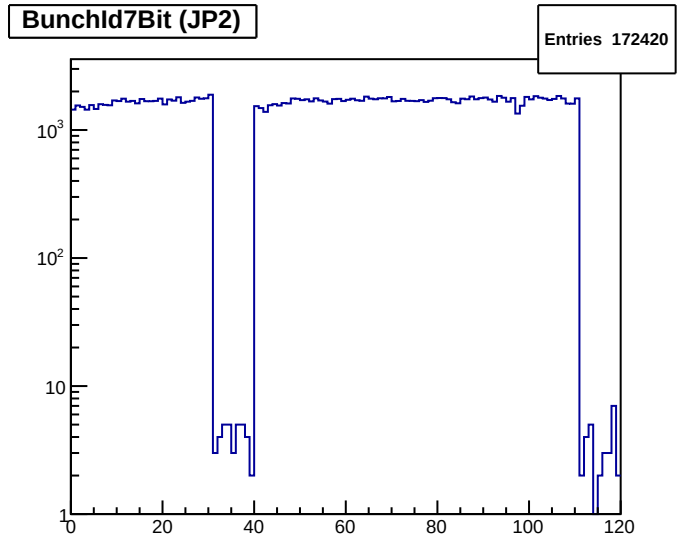

EM201E102JPId
Entries5039158
×10^3
JP partial Id

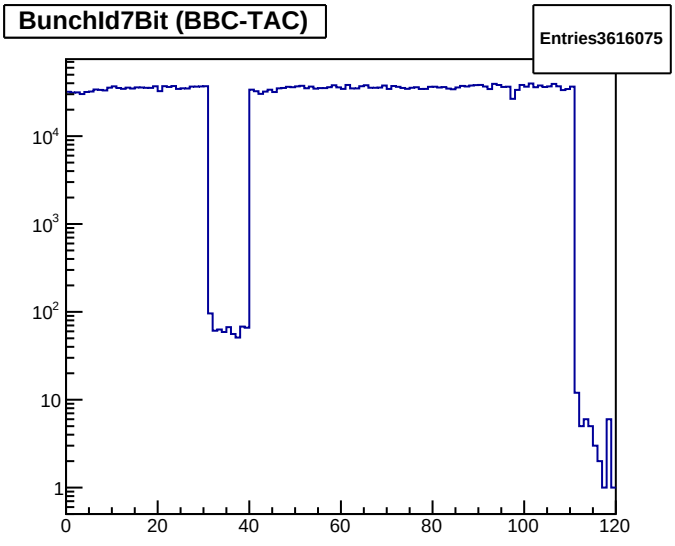

EM201E102JPId
Entries 0
simu
data

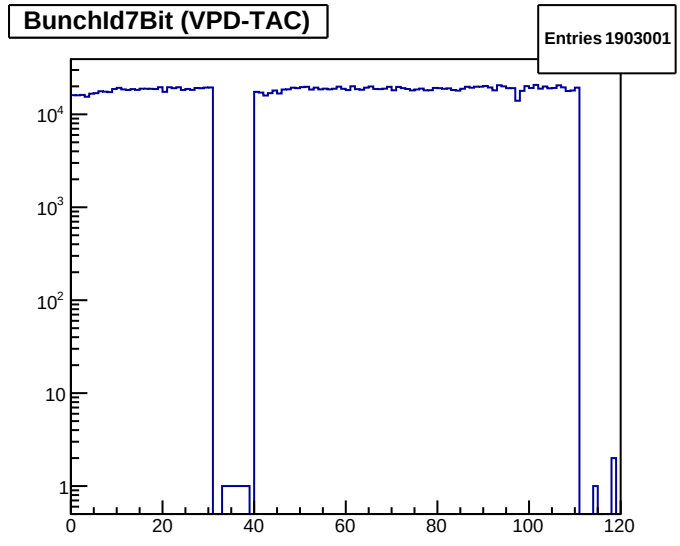

EM201E102Bits
Entries 2.519579e+07
118267
112090
121787
31015
14133
4.92089e+06
4.92707e+06
4.91737e+06
5.00814e+06
5.02502e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

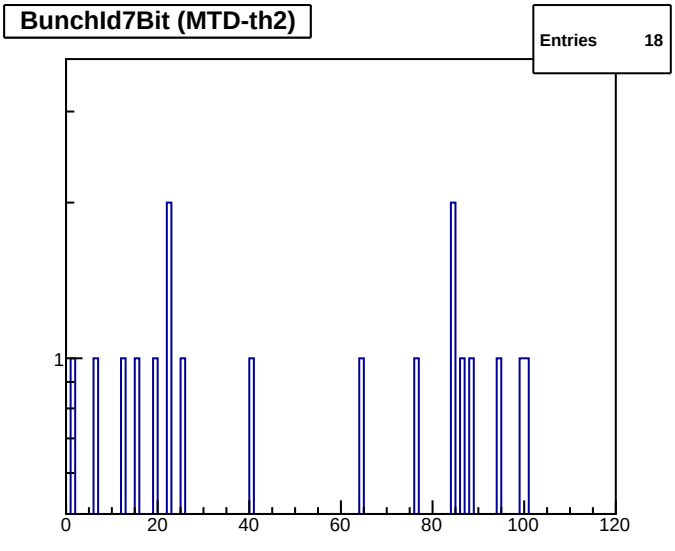

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

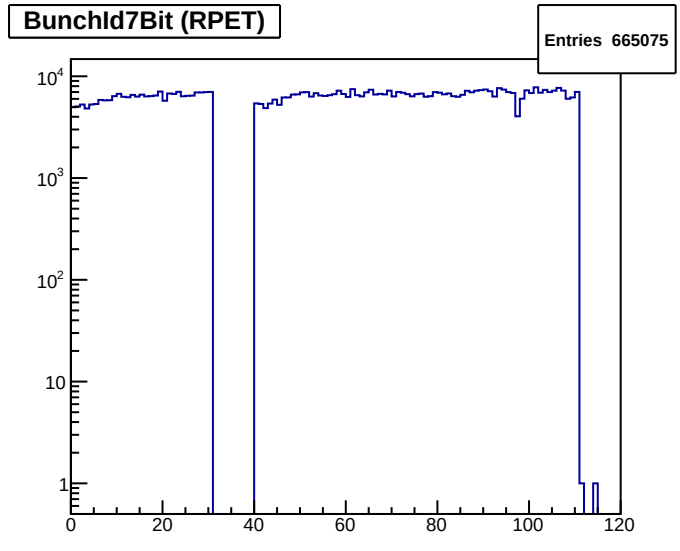

BunchId7Bit (BHT2)
Entries 107734

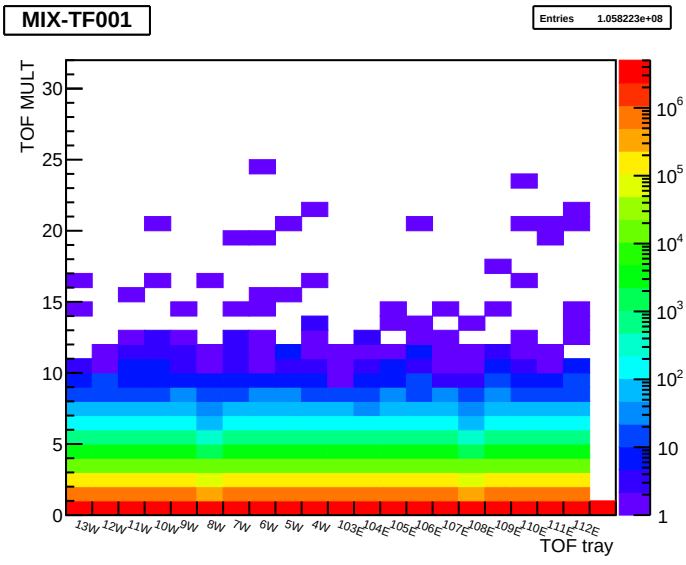

BunchId7Bit (JP2)
Entries 172420

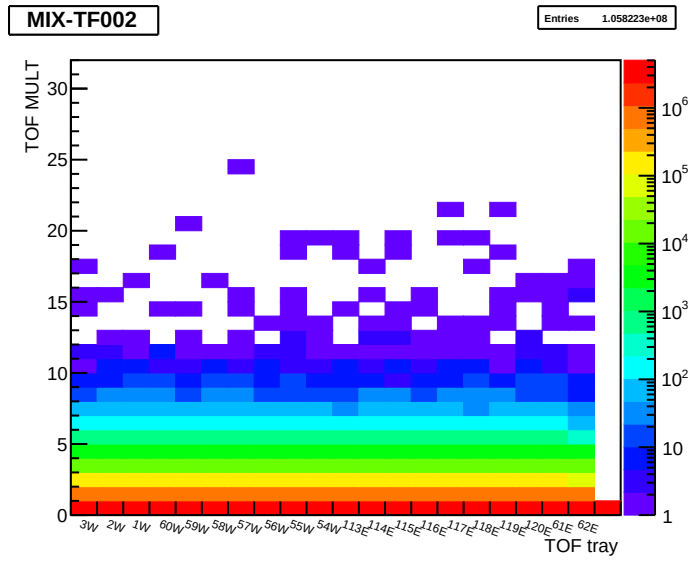

BunchId7Bit (BBC-TAC)
Entries3616075

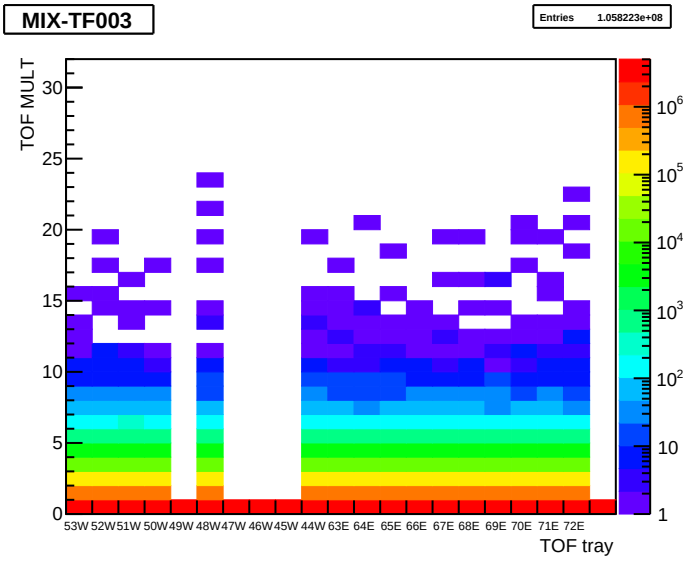

BunchId7Bit (VPD-TAC)
Entries 1903001

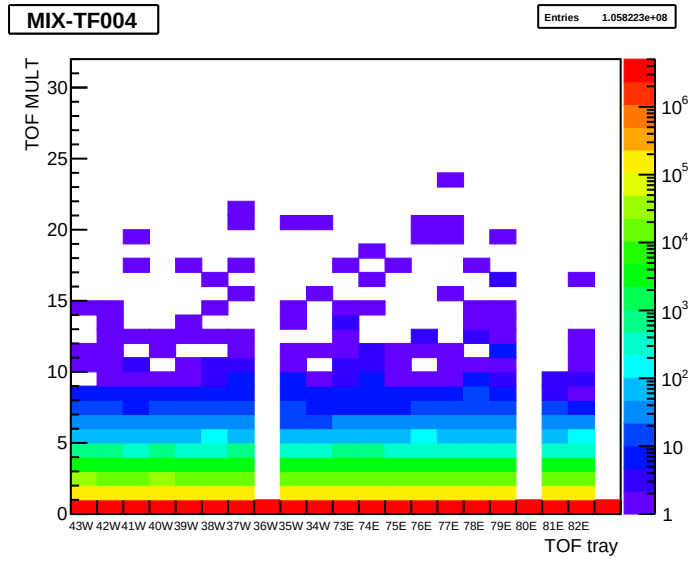

BunchId7Bit (MTD-th2)
Entries 18

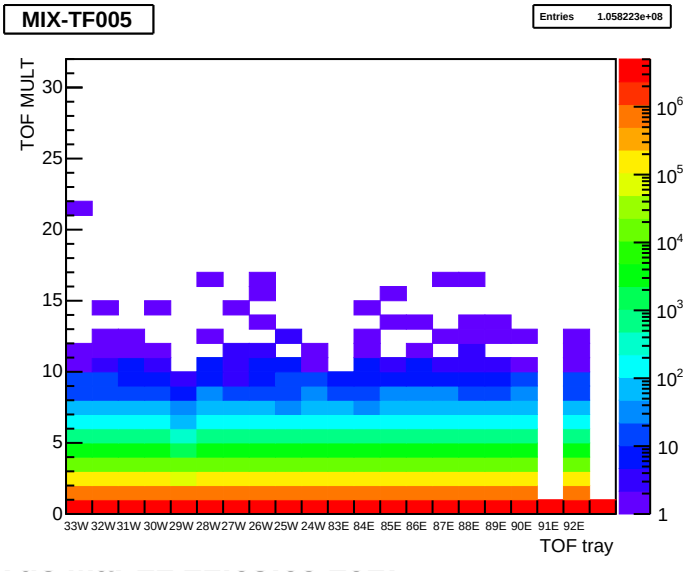

BunchId7Bit (RPET)
Entries 665075

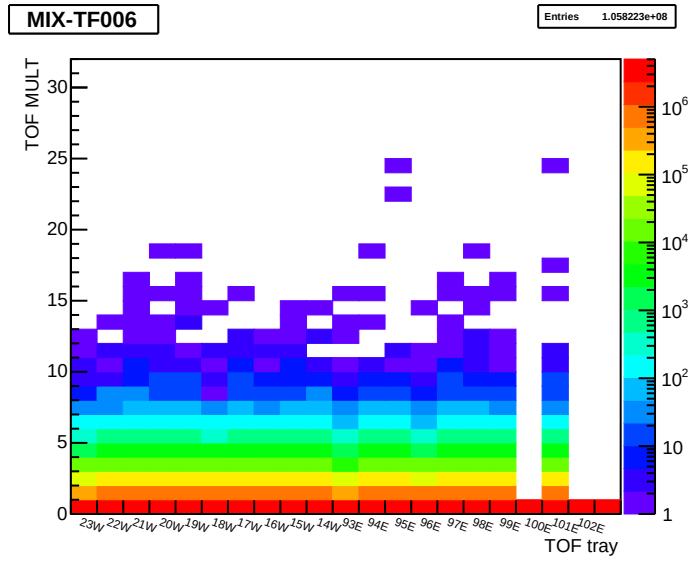

MIX-TF001
Entries 1.058223e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

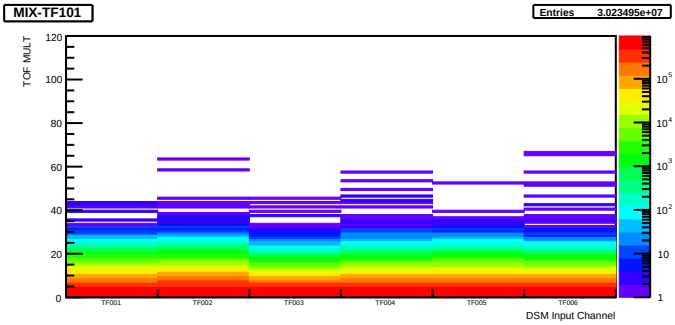

MIX-TF002
Entries 1.058223e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

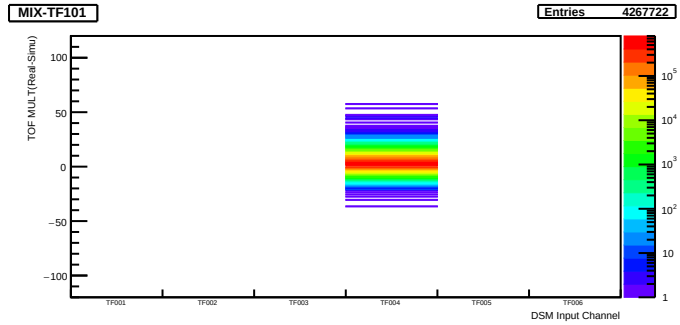

MIX-TF003
Entries 1.058223e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

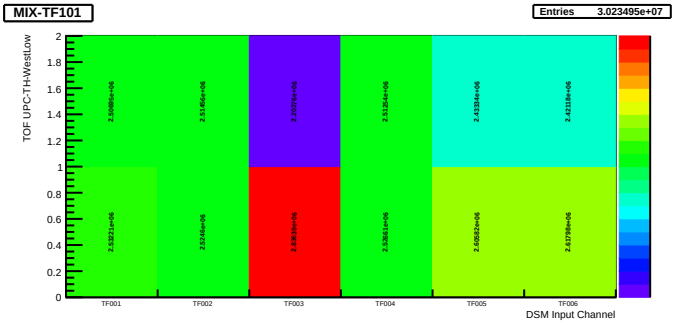

MIX-TF004
Entries 1.058223e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

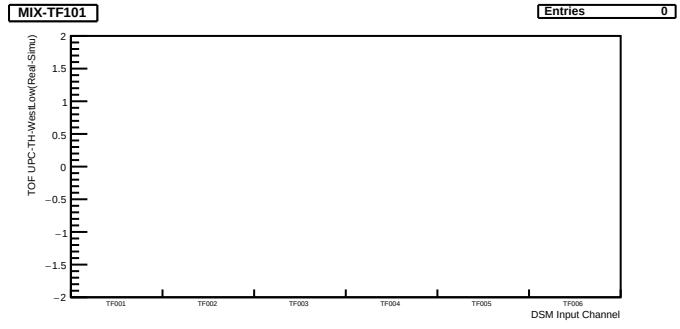

MIX-TF005
Entries 1.058223e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

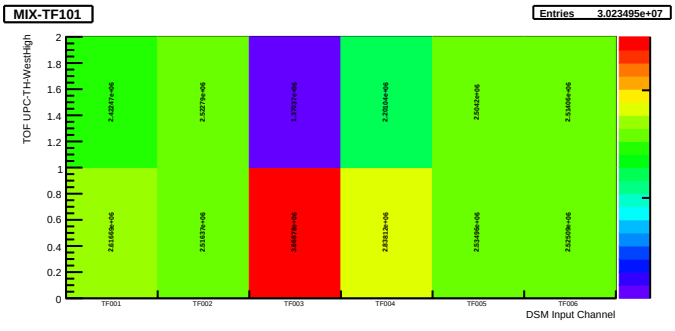

MIX-TF006
Entries 1.058223e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

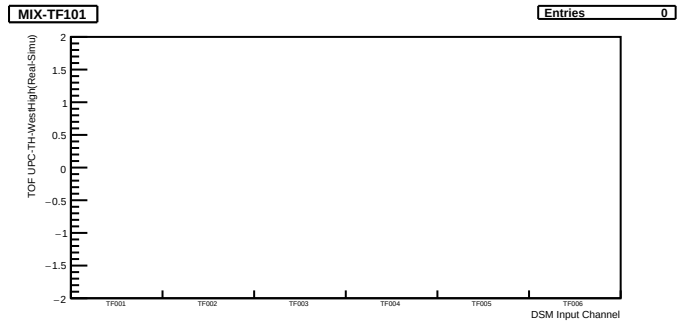

MIX-TF101
Entries 3.023495e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

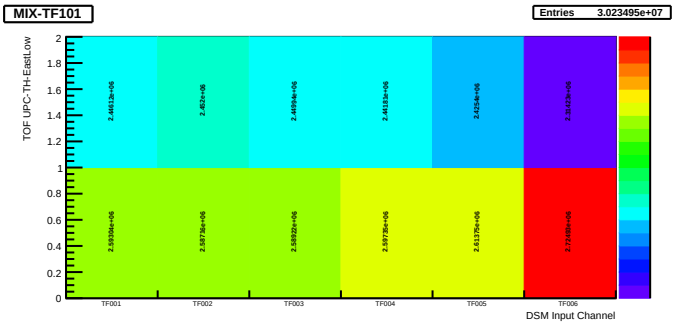

MIX-TF101
Entries 4267722
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

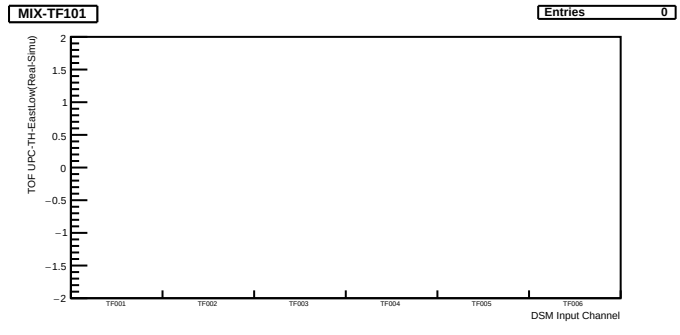

MIX-TF101
Entries 3.023495e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

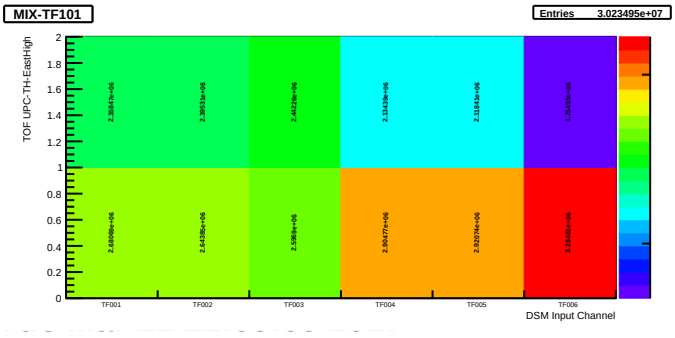

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

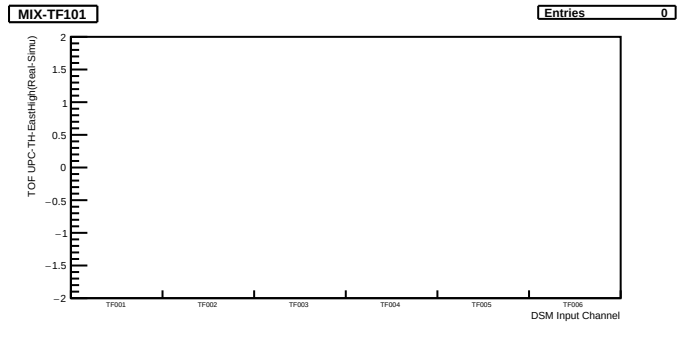

MIX-TF101
Entries 3.023495e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

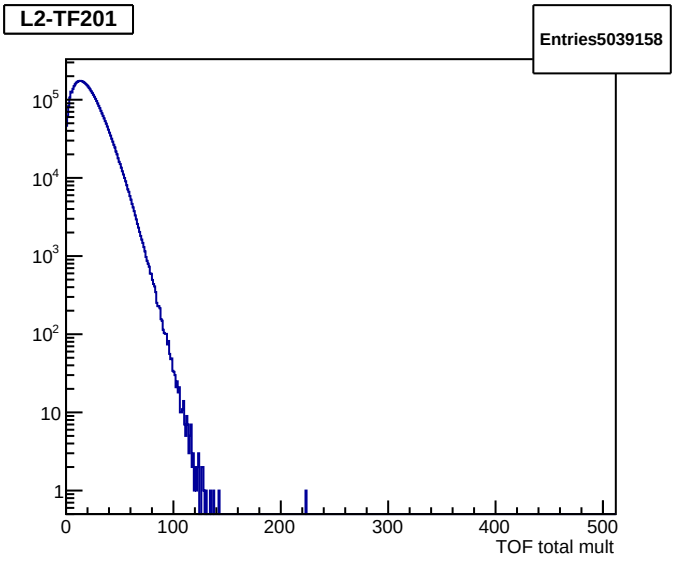

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

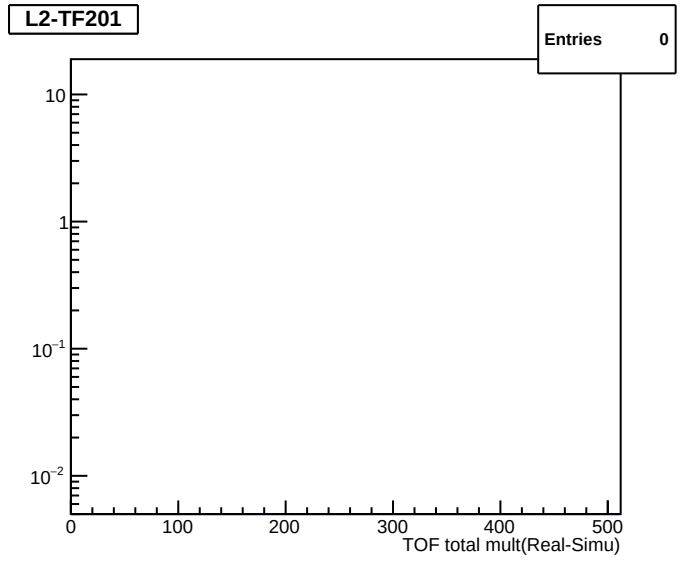

MIX-TF101
Entries 3.023495e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

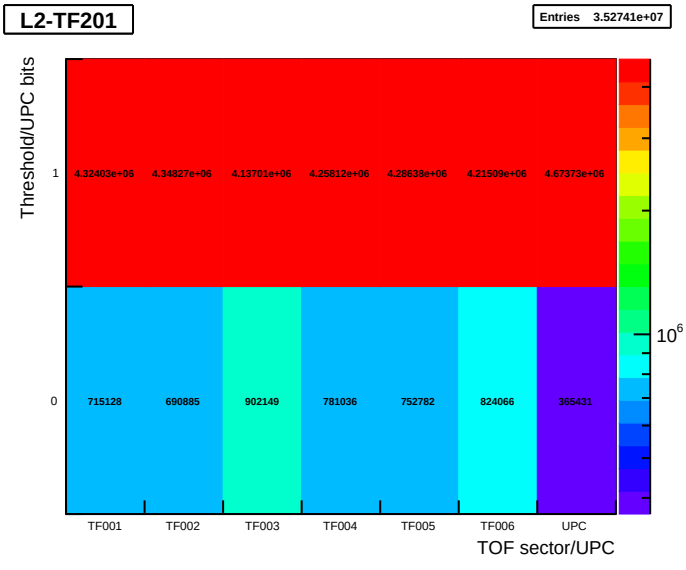

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

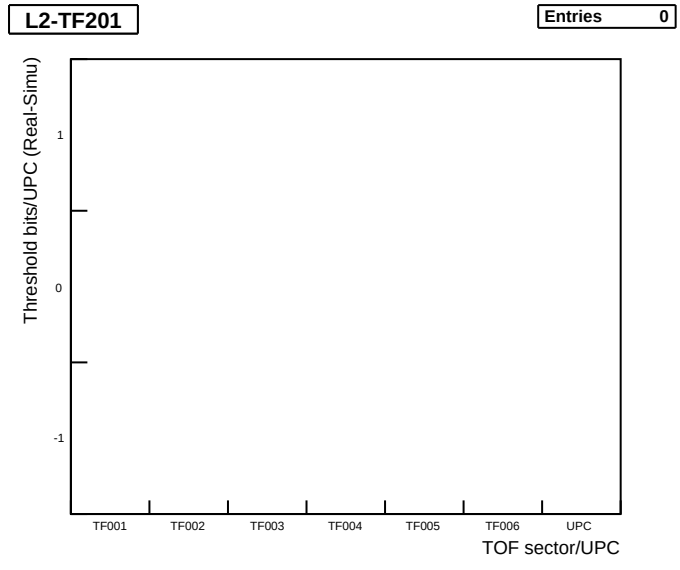

MIX-TF101
Entries 3.023495e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

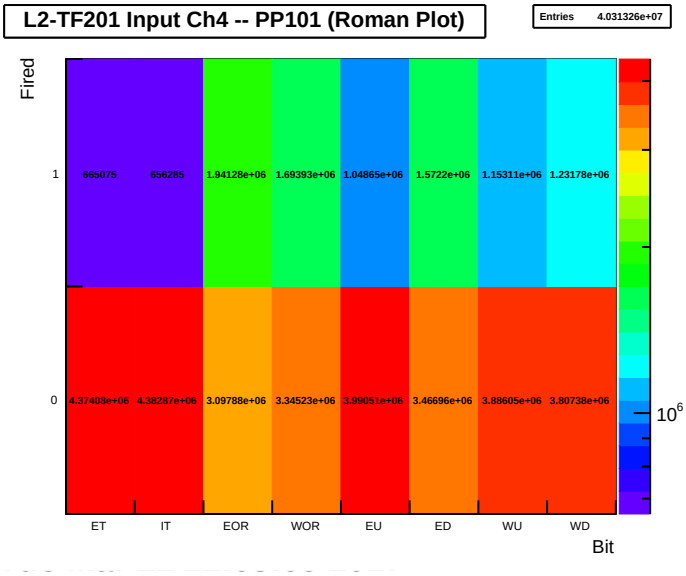

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

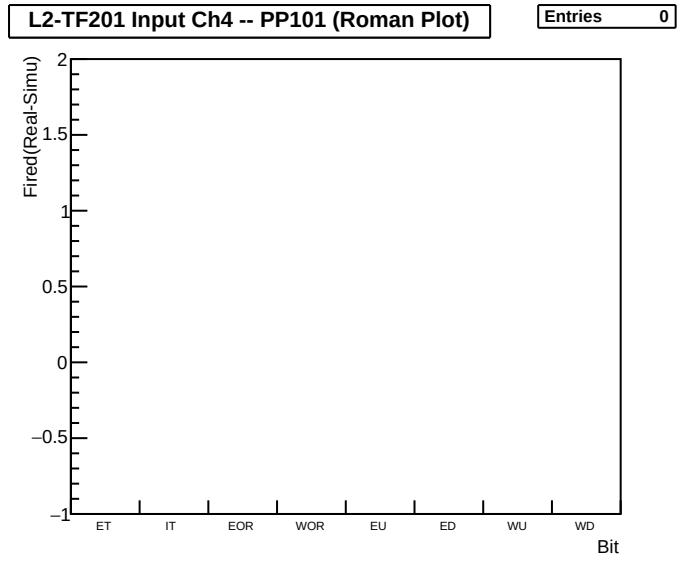

L2-TF201
Entries5039158
TOF total mult

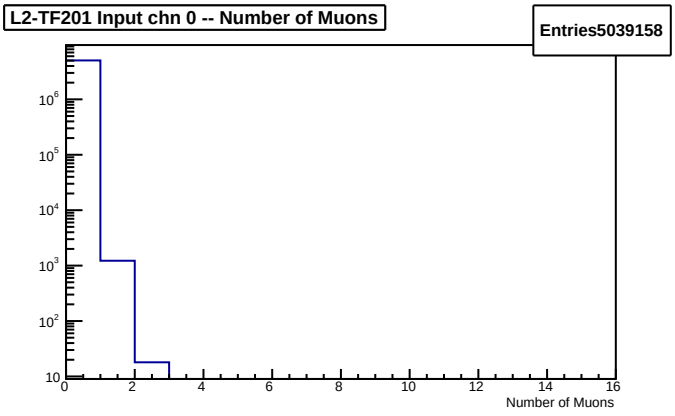

L2-TF201
Entries 0
TOF total mult(Real-Simu)

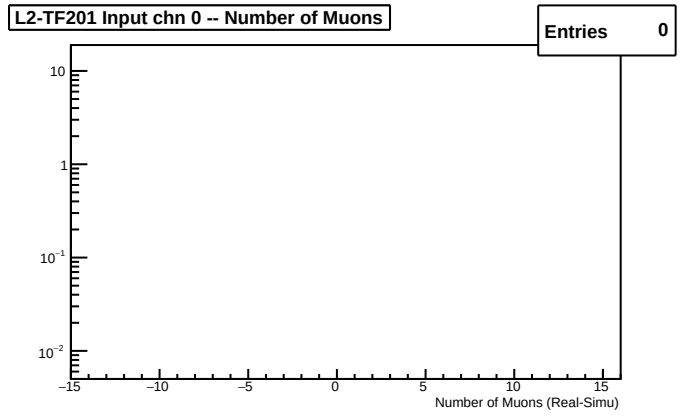

L2-TF201
Entries 3.52741e+07
Threshold/UPC bits
4.32403e+06
4.34827e+06
4.13701e+06
4.25812e+06
4.28638e+06
4.21509e+06
4.67373e+06
715128
690885
902149
781036
752782
824066
365431
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

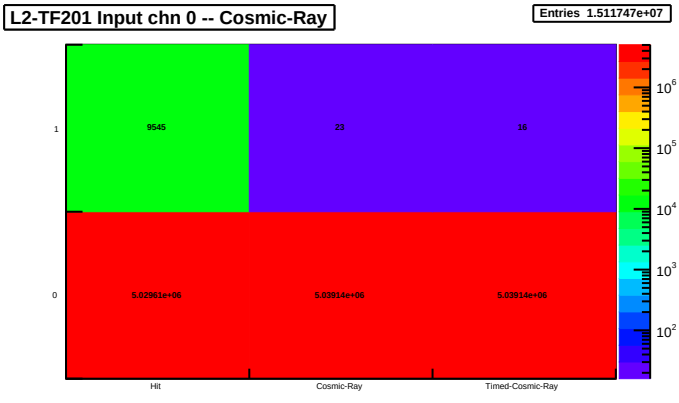

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

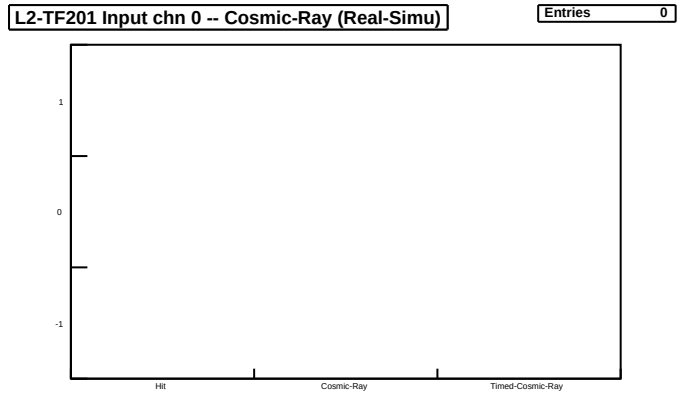

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.031326e+07
Fired
665075
656285
1.94128e+06
1.69393e+06
1.04865e+06
1.5722e+06
1.15311e+06
1.23178e+06
4.37408e+06
4.38287e+06
3.09788e+06
3.34523e+06
3.99051e+06
3.46696e+06
3.88605e+06
3.80738e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

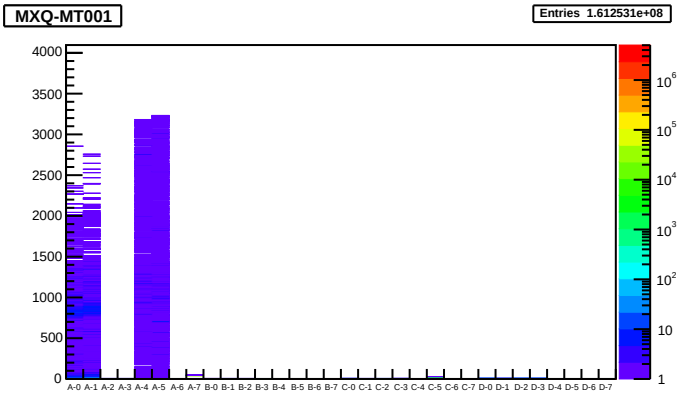

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

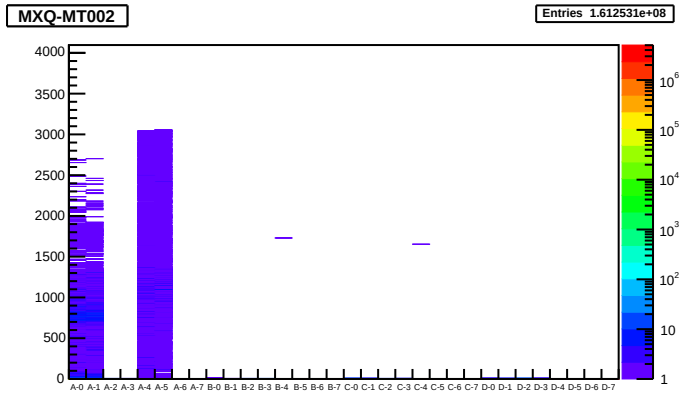

L2-TF201 Input chn 0 -- Number of Muons
Entries5039158
Number of Muons

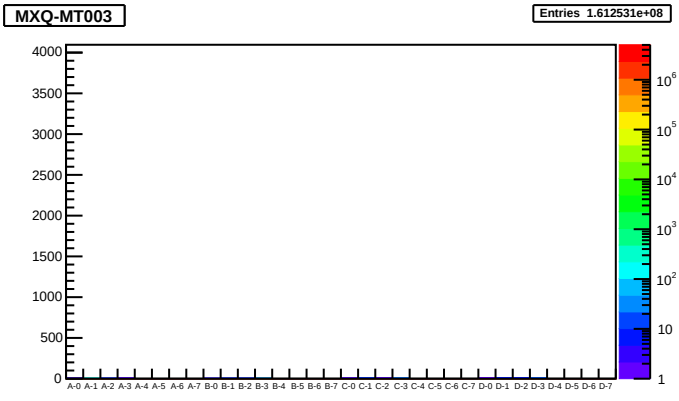

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

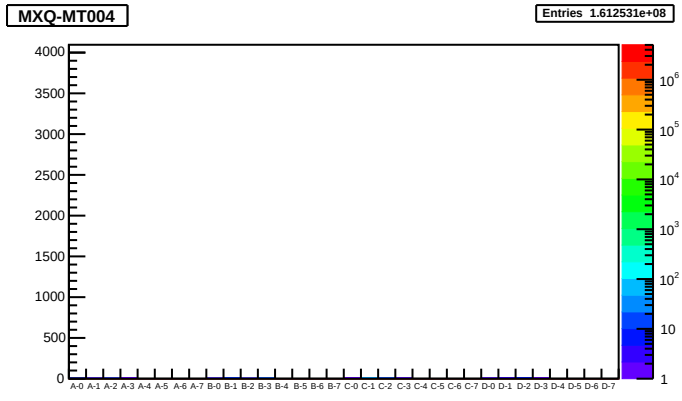

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.511747e+07
9545
23
16
5.02961e+06
5.03914e+06
5.03914e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

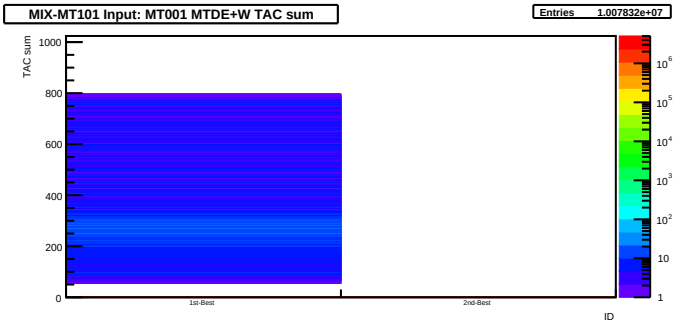

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

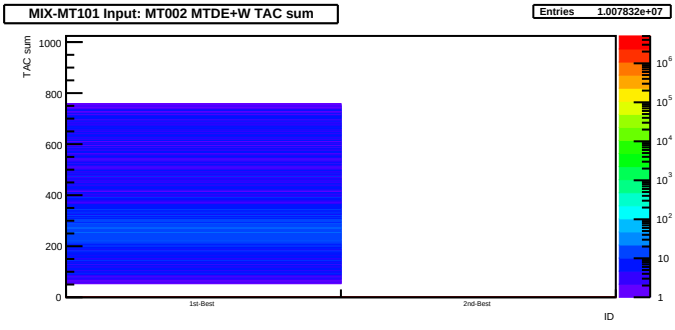

MXQ-MT001
Entries 1.612531e+08

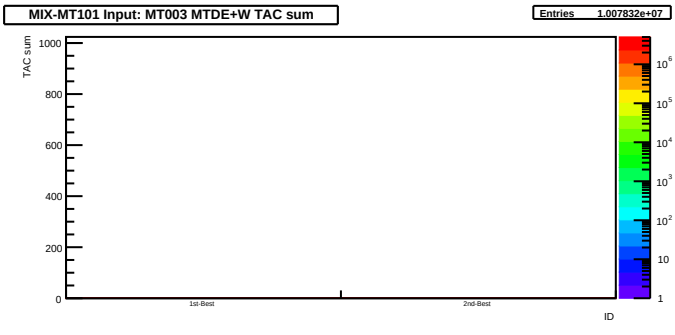

MXQ-MT002
Entries 1.612531e+08

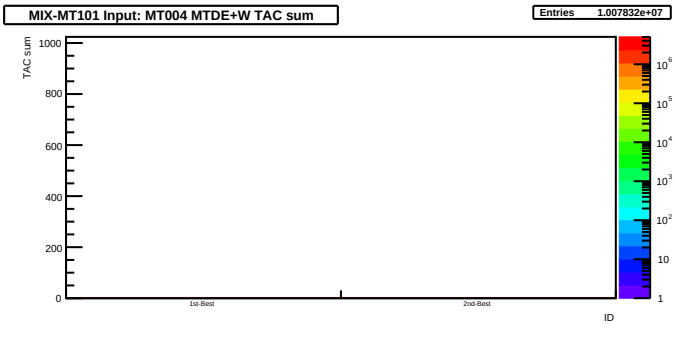

MXQ-MT003
Entries 1.612531e+08

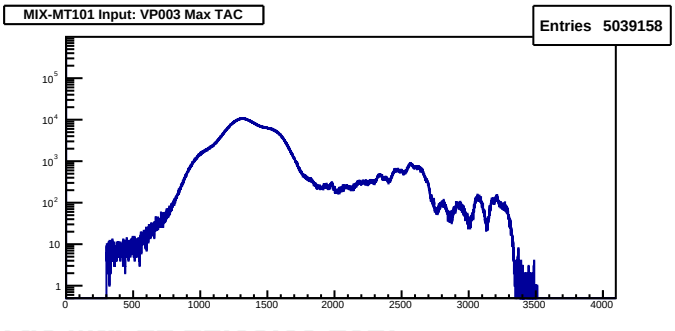

MXQ-MT004
Entries 1.612531e+08

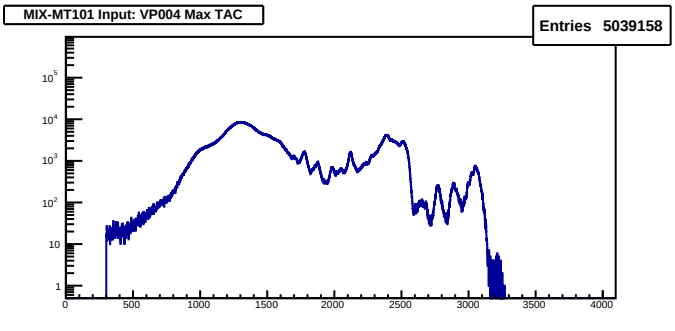

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.007832e+07
TAC sum
1st-Best
2nd-Best
ID

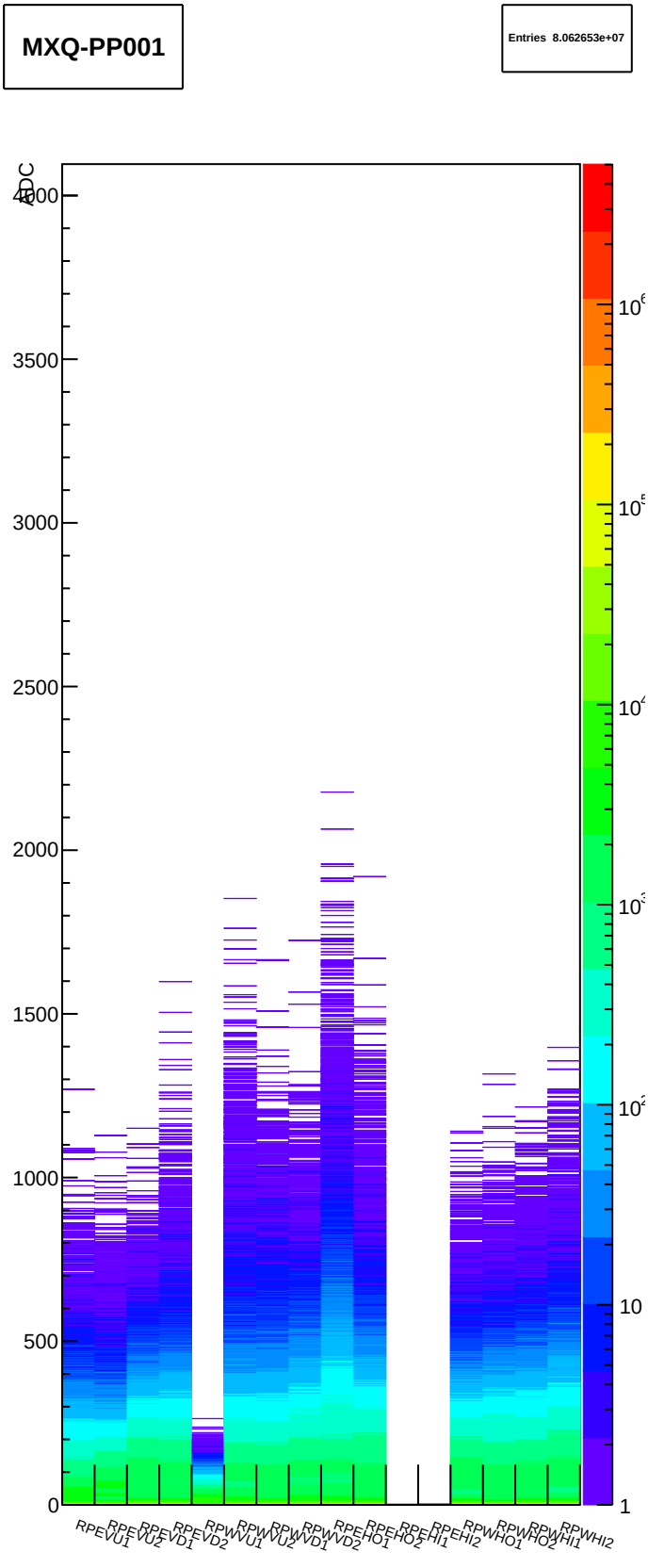

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.007832e+07
TAC sum
1st-Best
2nd-Best
ID

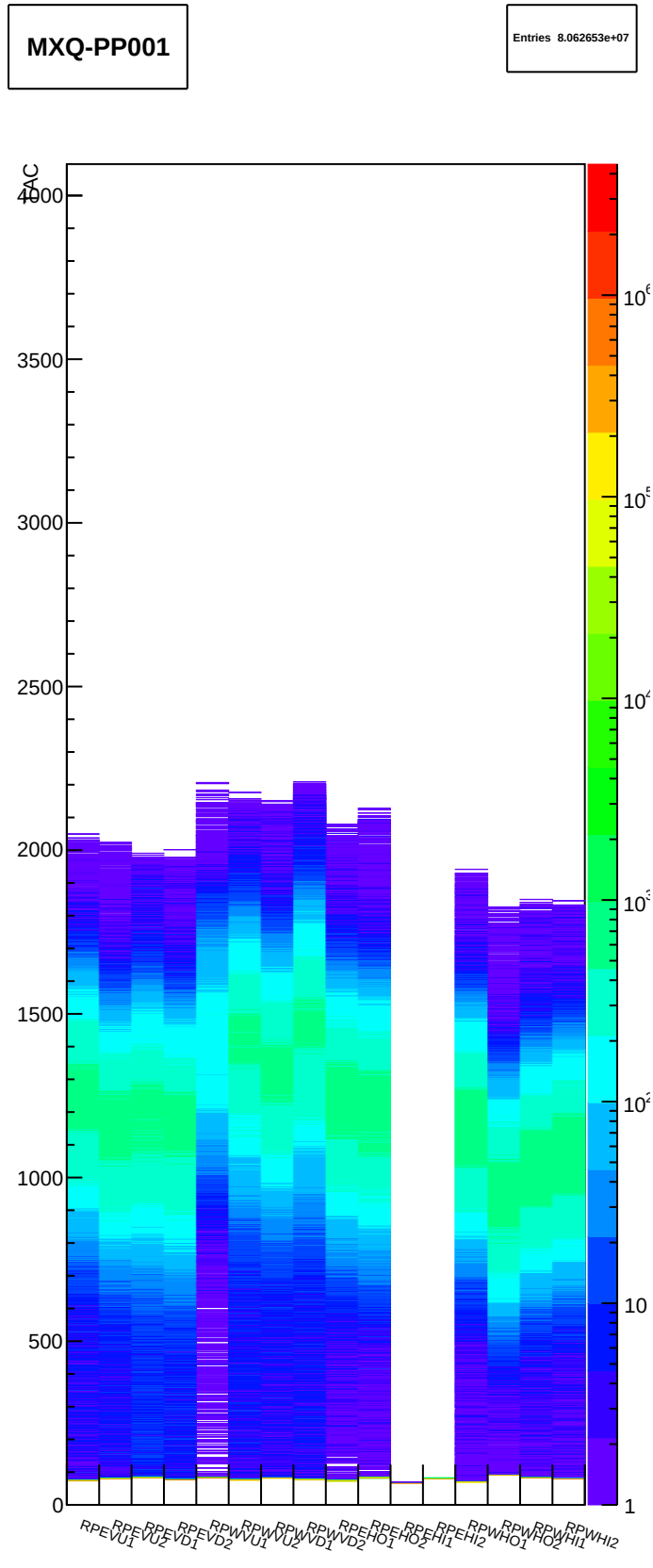

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.007832e+07
TAC sum
1st-Best
2nd-Best
ID

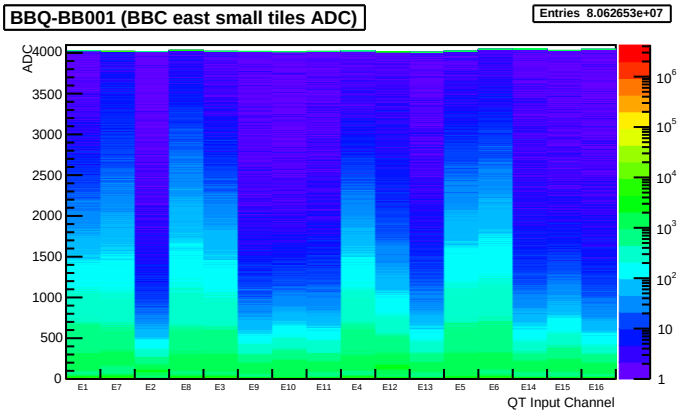

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.007832e+07
TAC sum
1st-Best
2nd-Best
ID

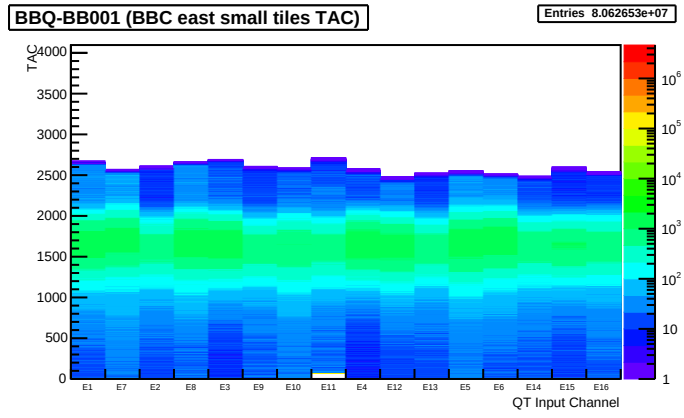

MIX-MT101 Input: VP003 Max TAC
Entries 5039158

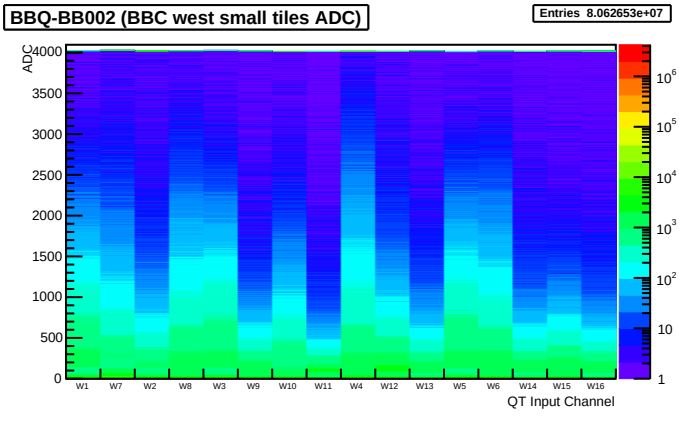

MIX-MT101 Input: VP004 Max TAC
Entries 5039158

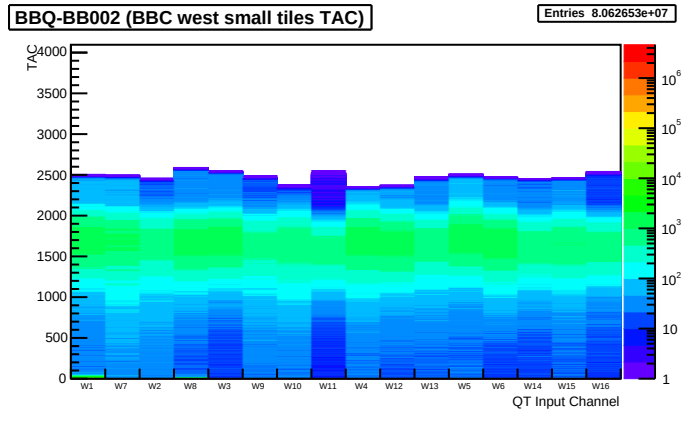

MXQ-PP001
Entries 8.062653e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

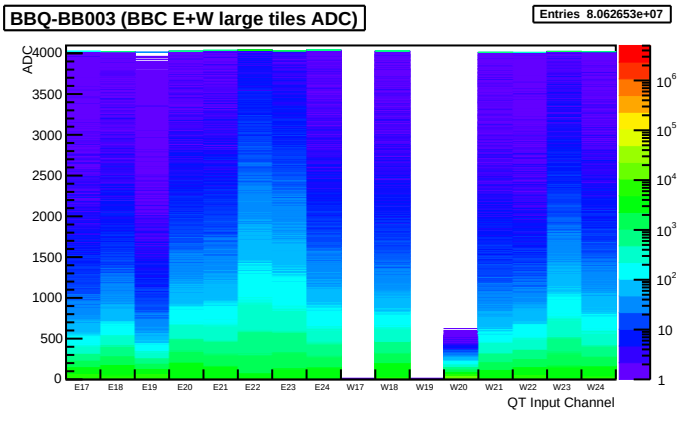

MXQ-PP001
Entries 8.062653e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

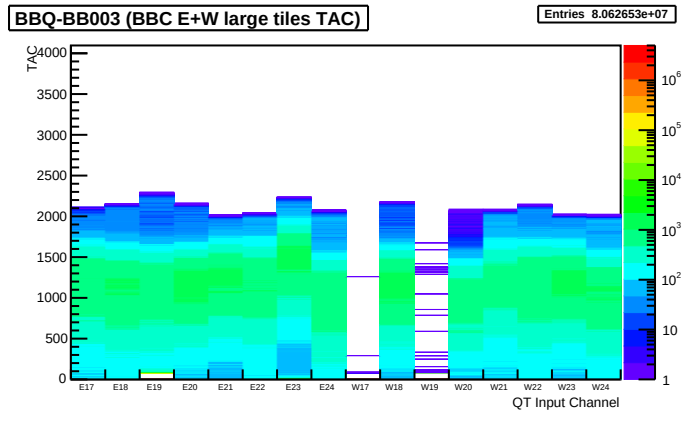

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.062653e+07
ADC
QT Input Channel

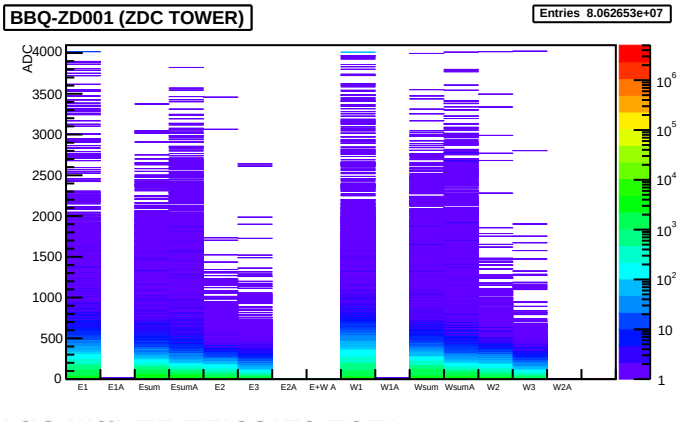

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.062653e+07
TAC
QT Input Channel

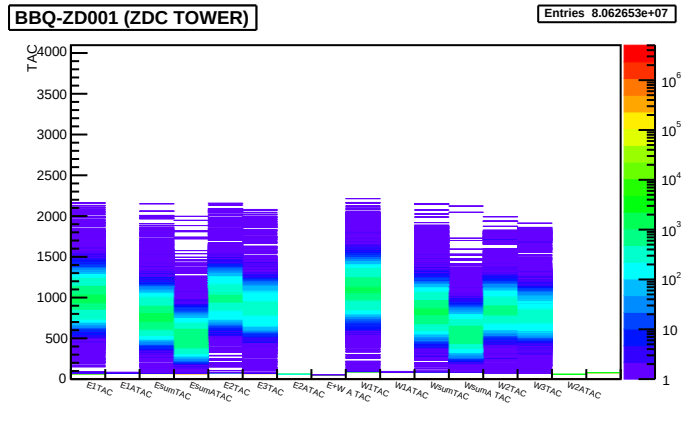

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.062653e+07
ADC
QT Input Channel

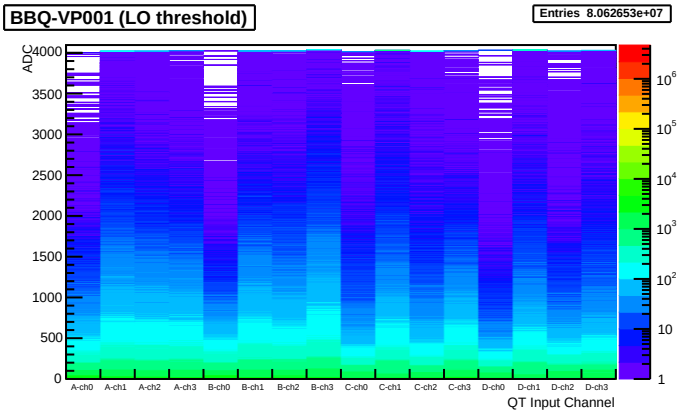

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.062653e+07
TAC
QT Input Channel

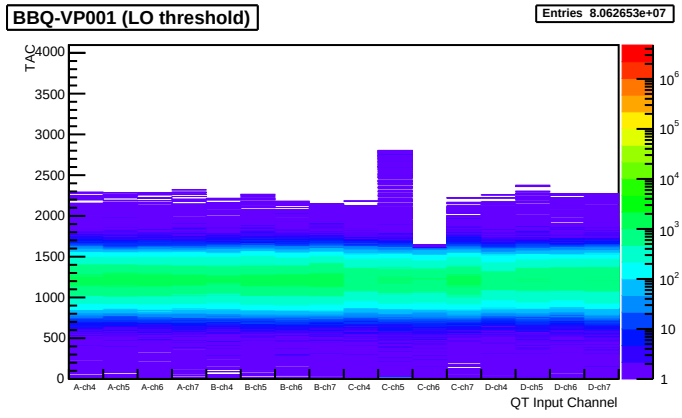

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.062653e+07
ADC
QT Input Channel

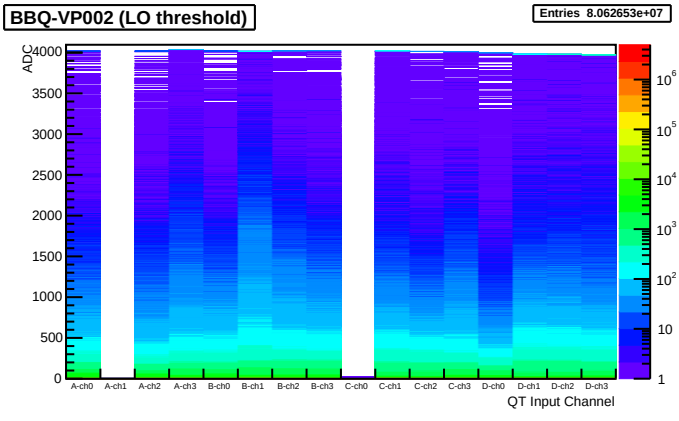

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.062653e+07
TAC
QT Input Channel

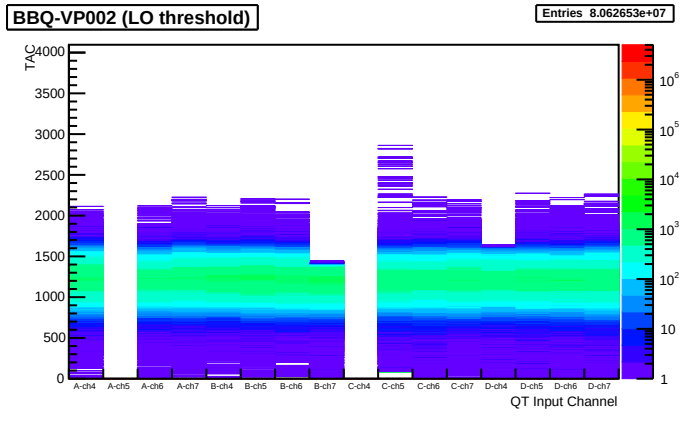

BBQ-ZD001 (ZDC TOWER)
Entries 8.062653e+07
ADC

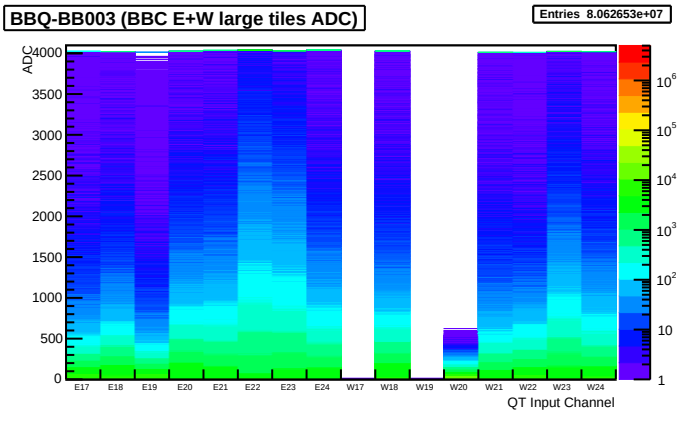

BBQ-ZD001 (ZDC TOWER)
Entries 8.062653e+07
TAC

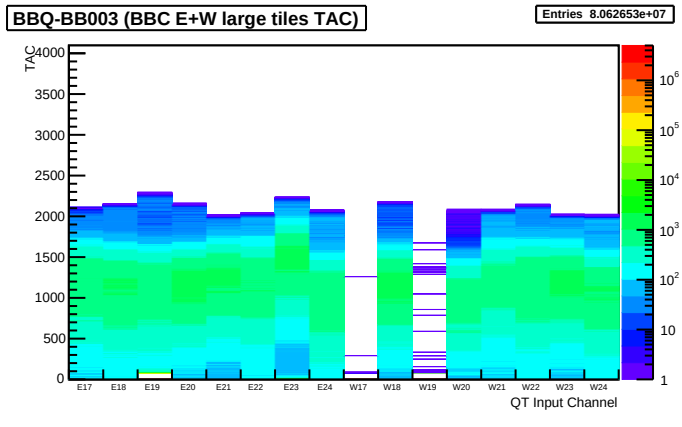

BBQ-VP001 (LO threshold)
Entries 8.062653e+07
ADC
QT Input Channel

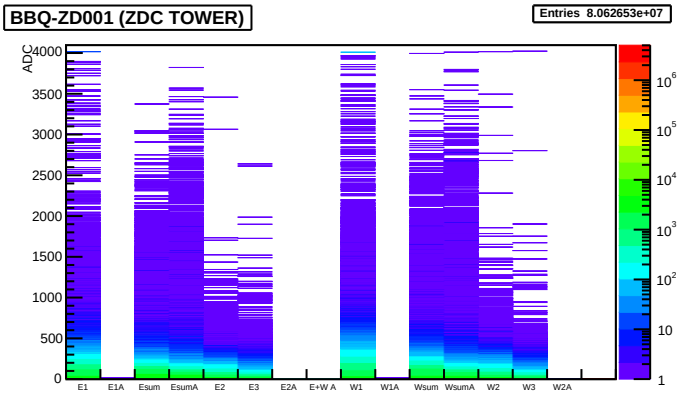

BBQ-VP001 (LO threshold)
Entries 8.062653e+07
TAC
QT Input Channel

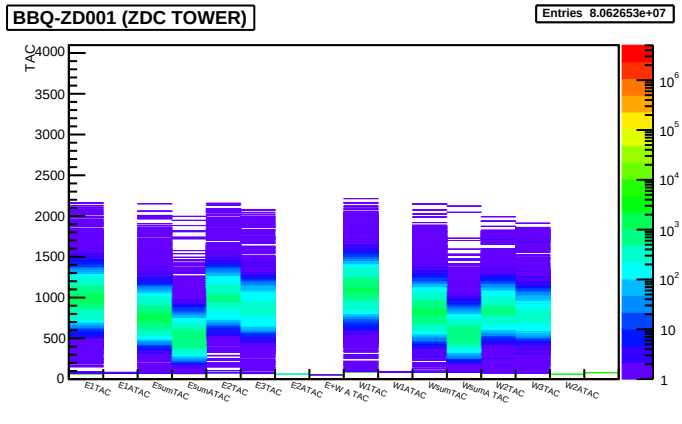

BBQ-VP002 (LO threshold)
Entries 8.062653e+07
ADC
QT Input Channel

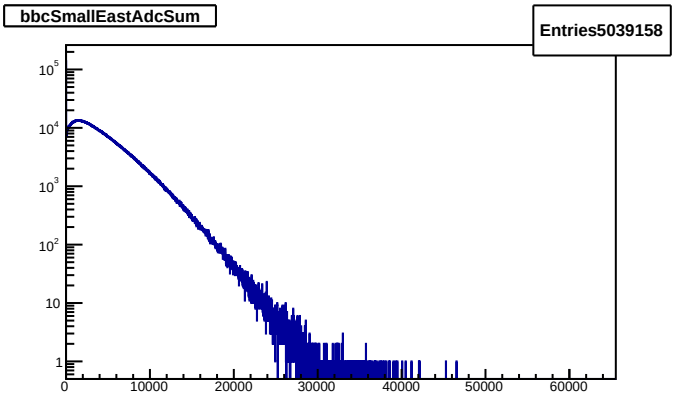

BBQ-VP002 (LO threshold)
Entries 8.062653e+07
TAC
QT Input Channel

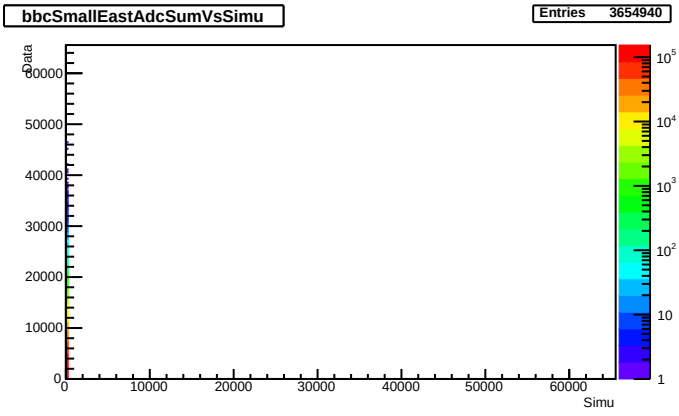

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.062653e+07
ADC
QT Input Channel

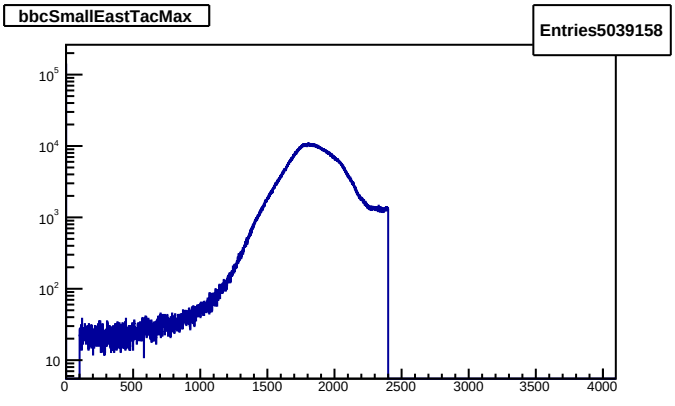

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.062653e+07
TAC
QT Input Channel

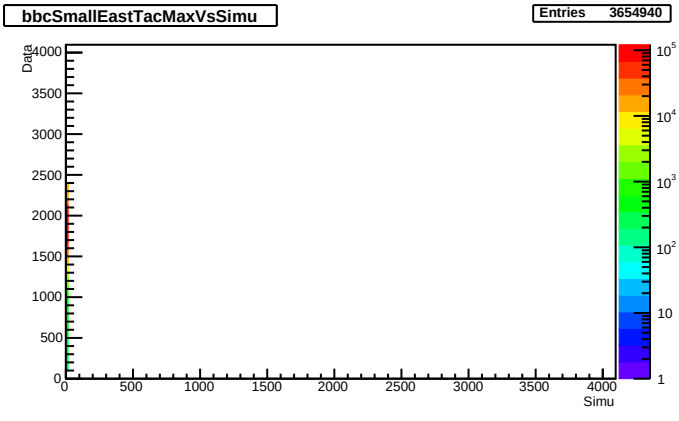

BBQ-ZD001 (ZDC TOWER)
Entries 8.062653e+07
ADC

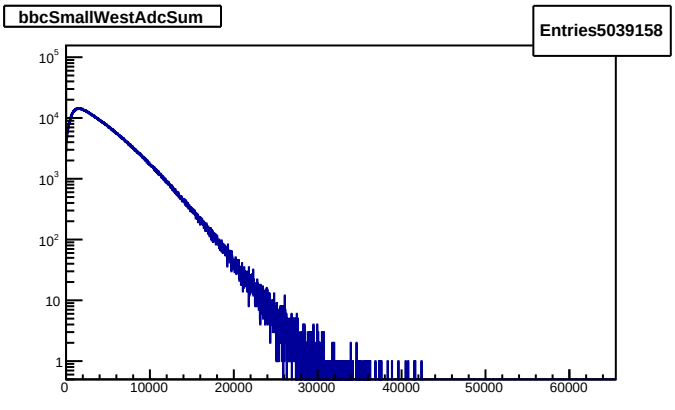

BBQ-ZD001 (ZDC TOWER)
Entries 8.062653e+07
TAC

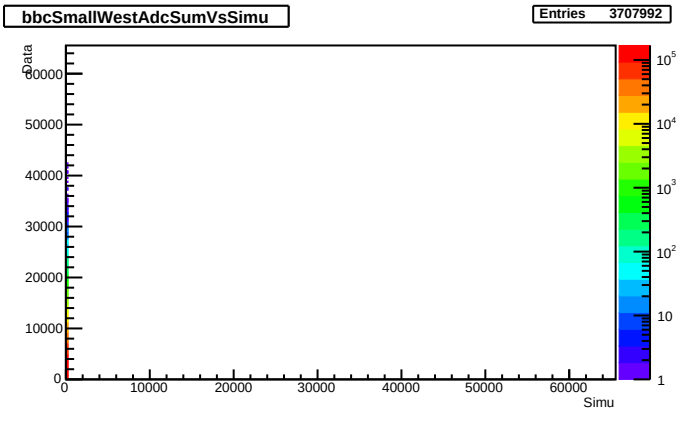

bbcSmallEastAdcSum
Entries5039158

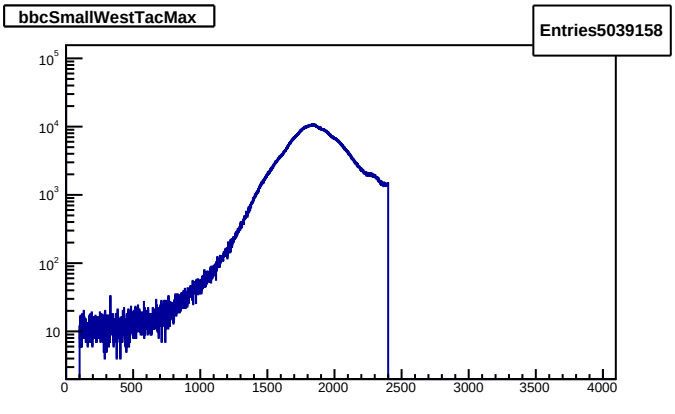

bbcSmallEastAdcSumVsSimu
Entries 3654940
Data
Simu

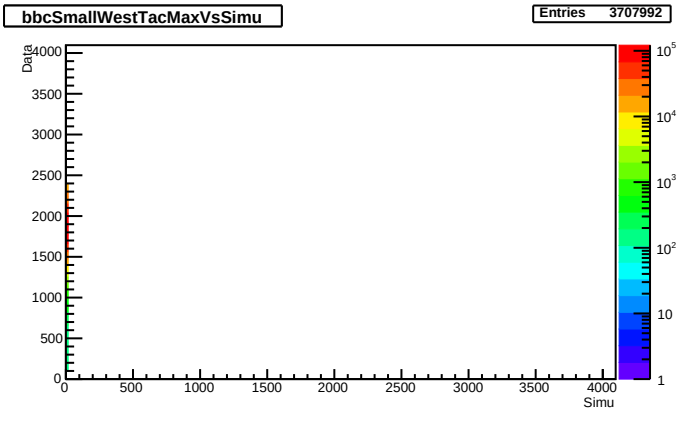

bbcSmallEastTacMax
Entries5039158

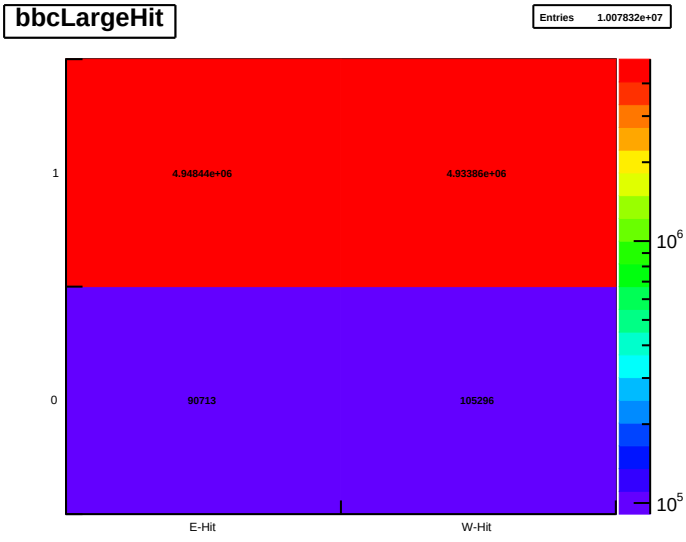

bbcSmallEastTacMaxVsSimu
Entries 3654940
Data
Simu

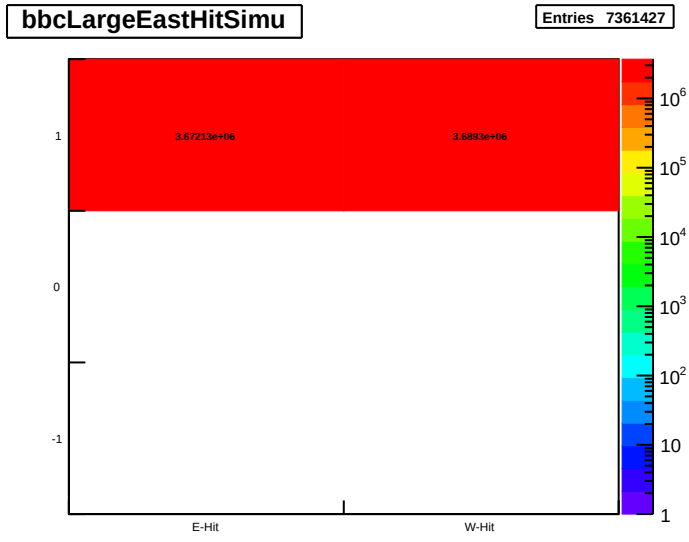

bbcSmallWestAdcSum
Entries5039158

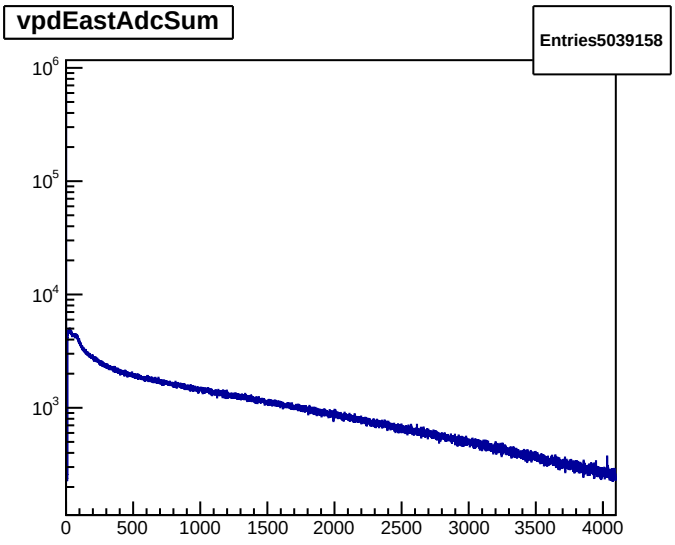

bbcSmallWestAdcSumVsSimu
Entries 3707992
Data
Simu

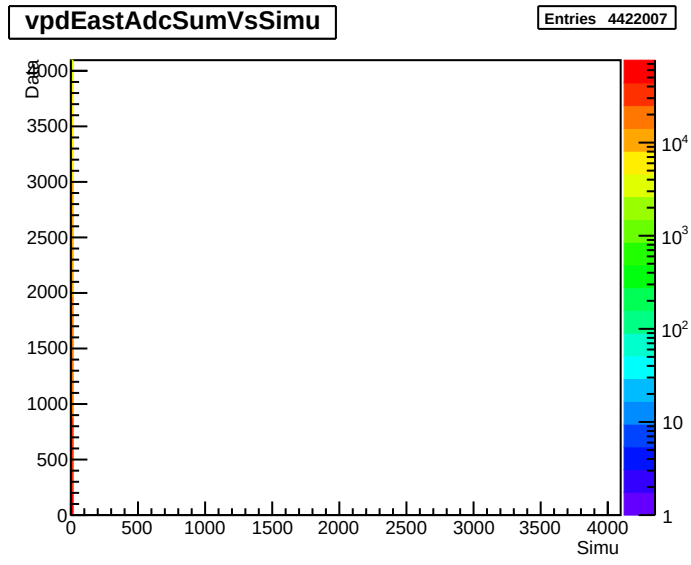

bbcSmallWestTacMax
Entries5039158

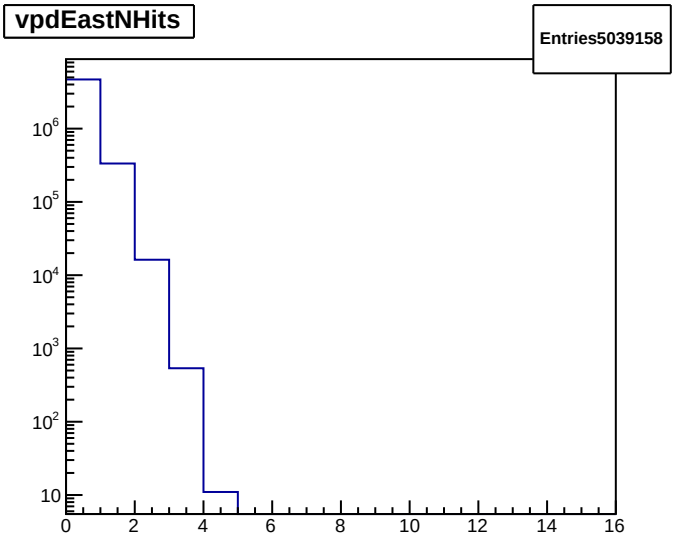

bbcSmallWestTacMaxVsSimu
Entries 3707992
Data
Simu

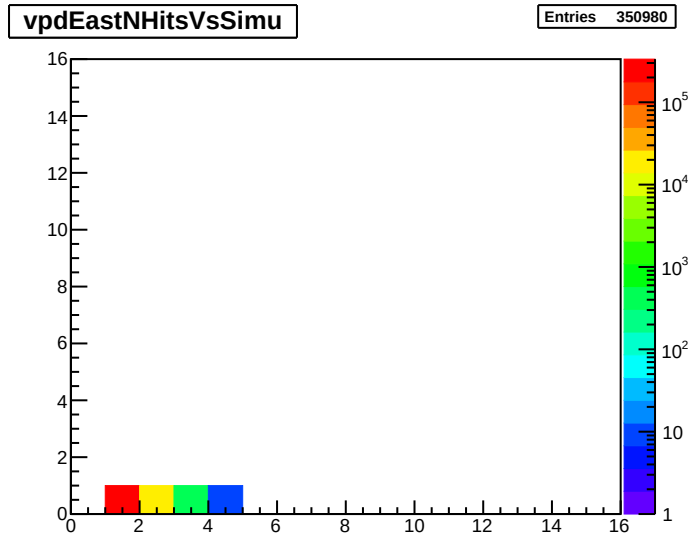

bbcLargeHit
Entries 1.007832e+07
1
0
4.94844e+06
4.93386e+06
90713
105296
E-Hit
W-Hit
10^6
10^5

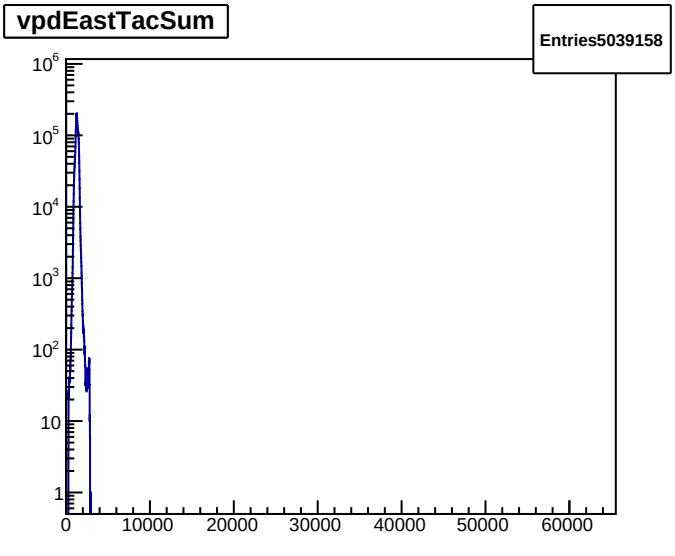

bbcLargeEastHitSimu
Entries 7361427
1
0
-1
3.67213e+06
3.6893e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

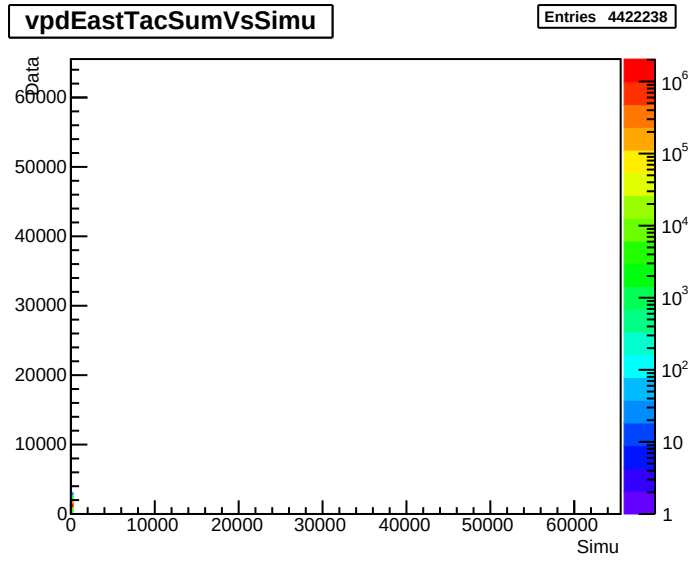

vpdEastAdcSum
Entries5039158

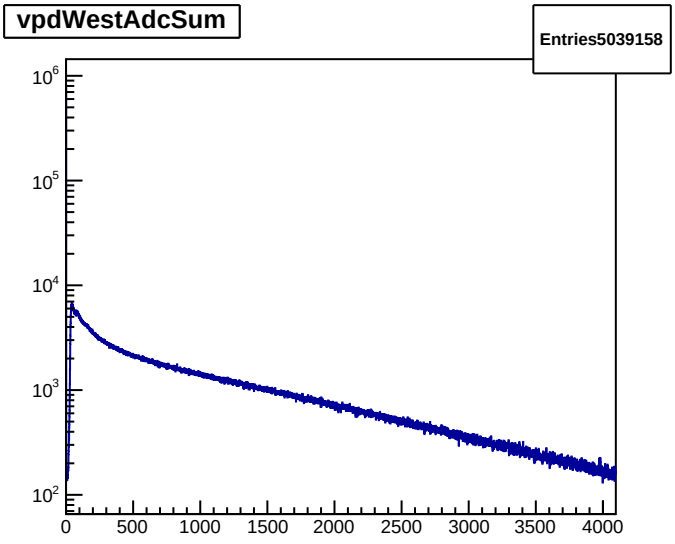

vpdEastAdcSumVsSimu
Entries 4422007
Data
Simu

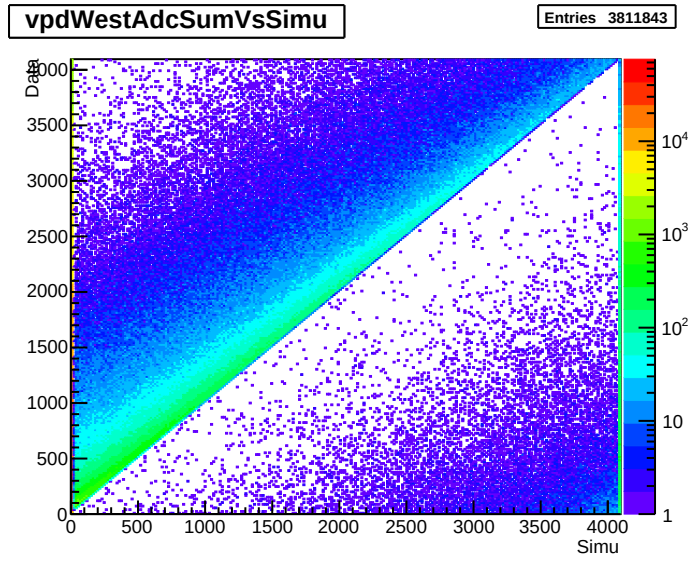

vpdEastNHits
Entries5039158

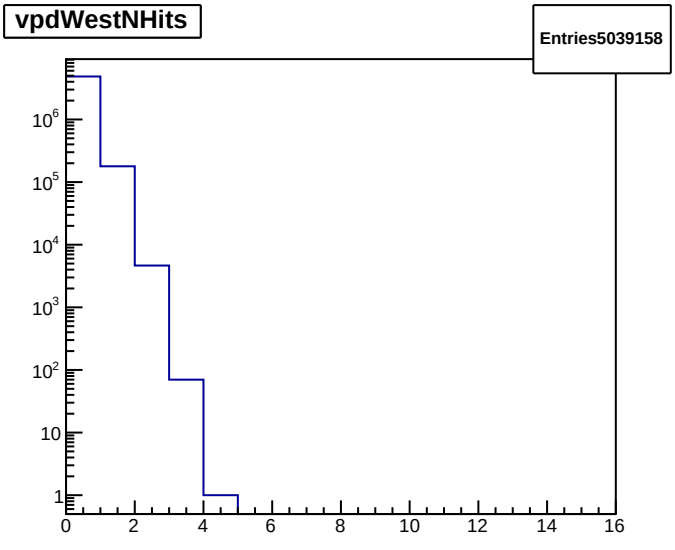

vpdEastNHitsVsSimu
Entries 350980

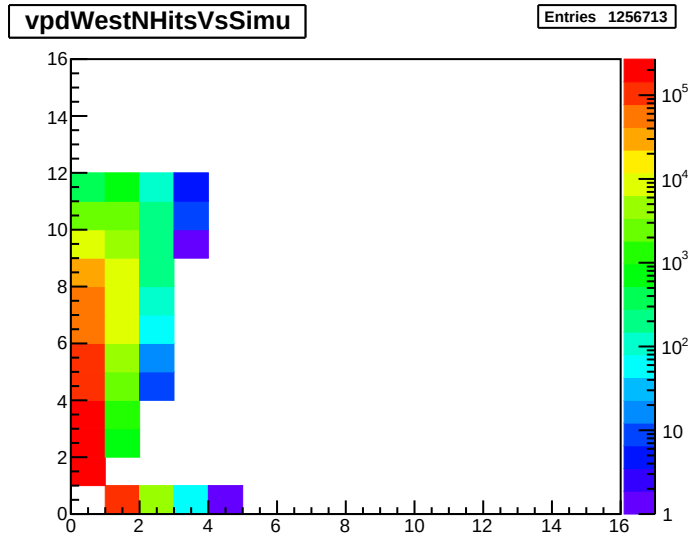

vpdEastTacSum
Entries5039158

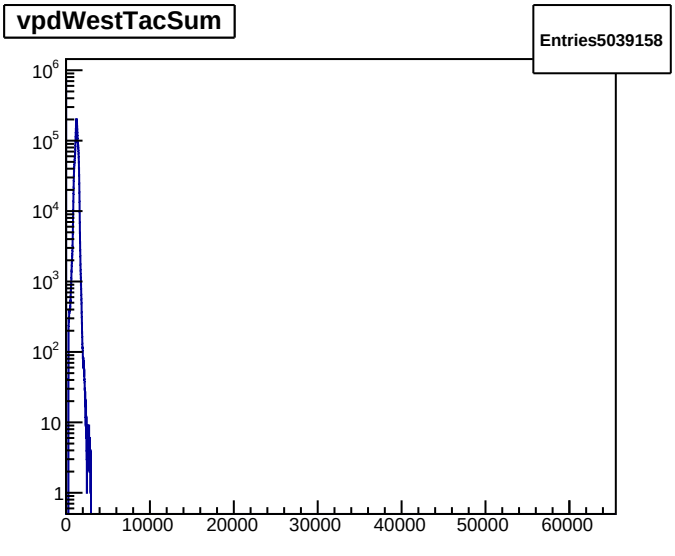

vpdEastTacSumVsSimu
Entries 4422238
Data
Simu

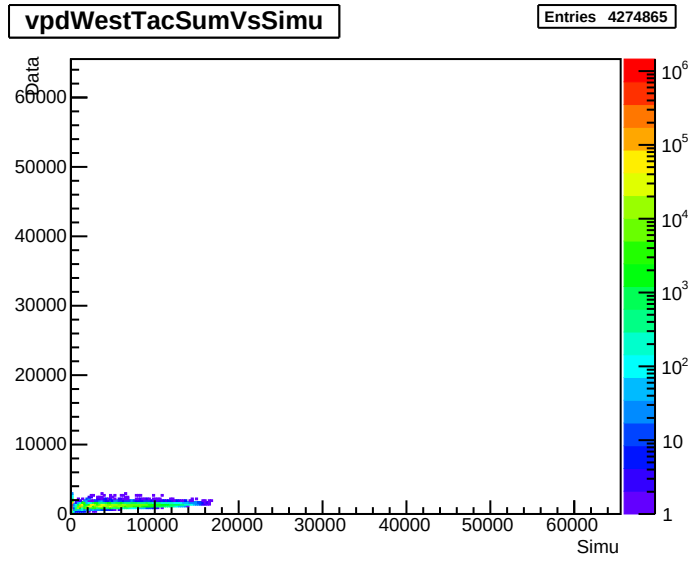

vpdWestAdcSum
Entries5039158

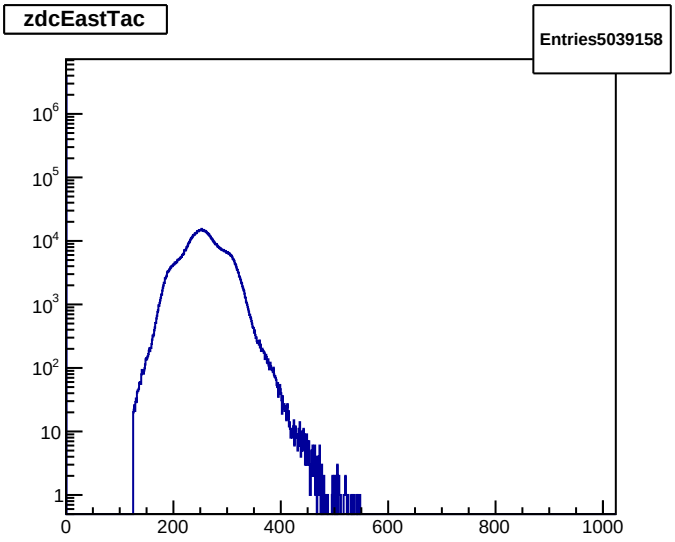

vpdWestAdcSumVsSimu
Entries 3811843
Data
Simu

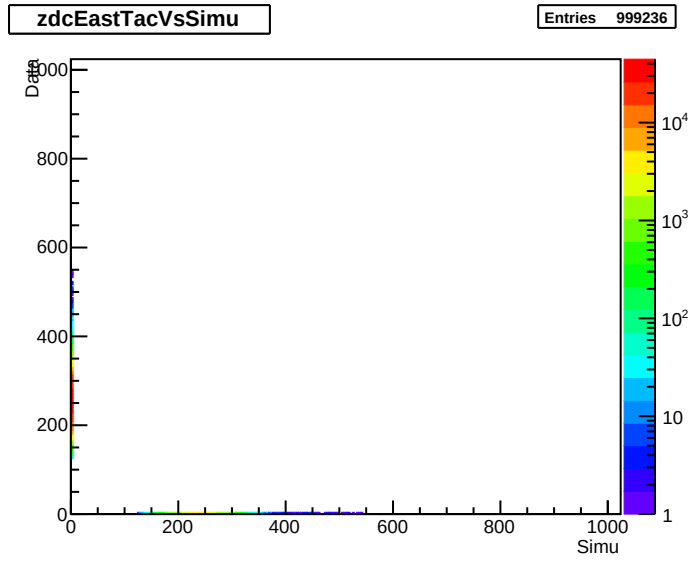

vpdWestNHits
Entries5039158

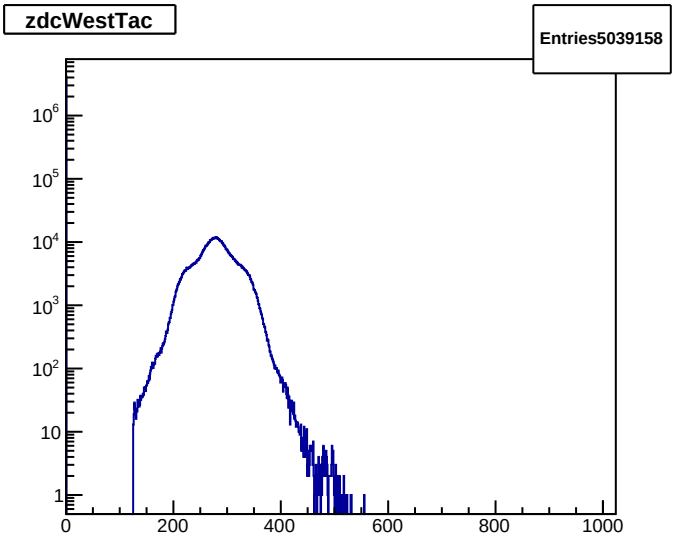

vpdWestNHitsVsSimu
Entries 1256713

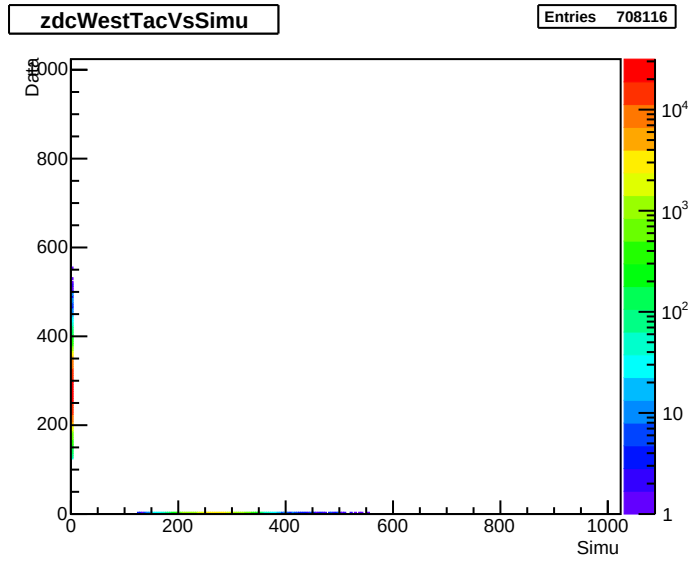

vpdWestTacSum
Entries5039158

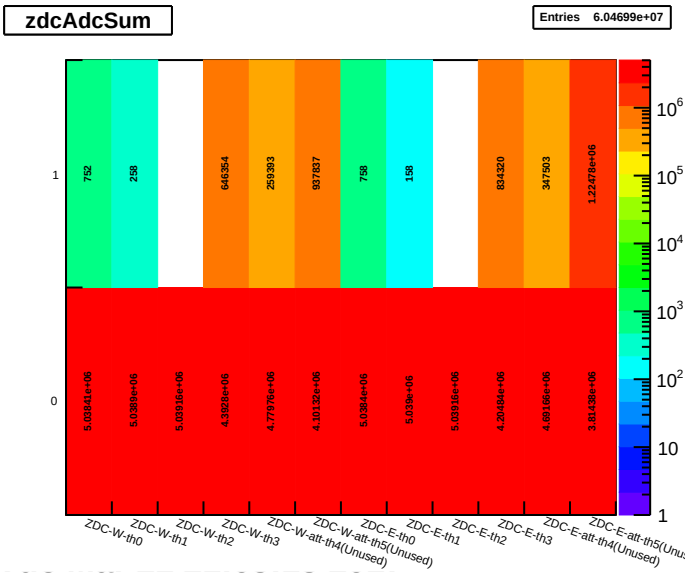

vpdWestTacSumVsSimu
Entries 4274865
Data
Simu

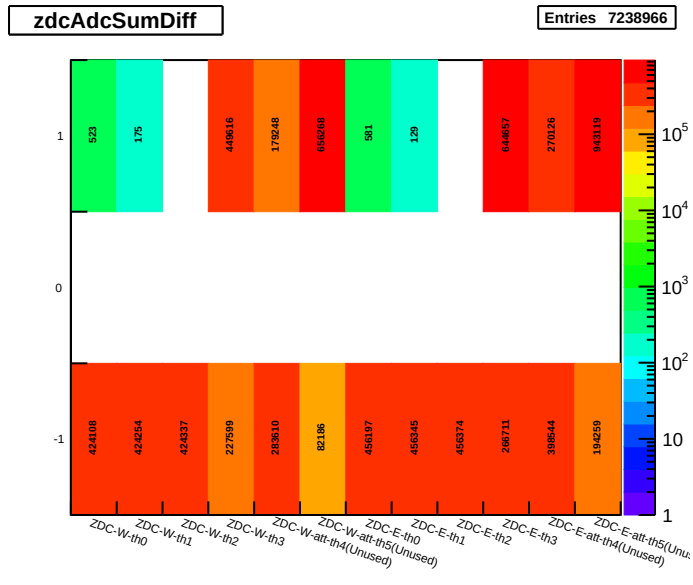

zdcEastTac
Entries5039158

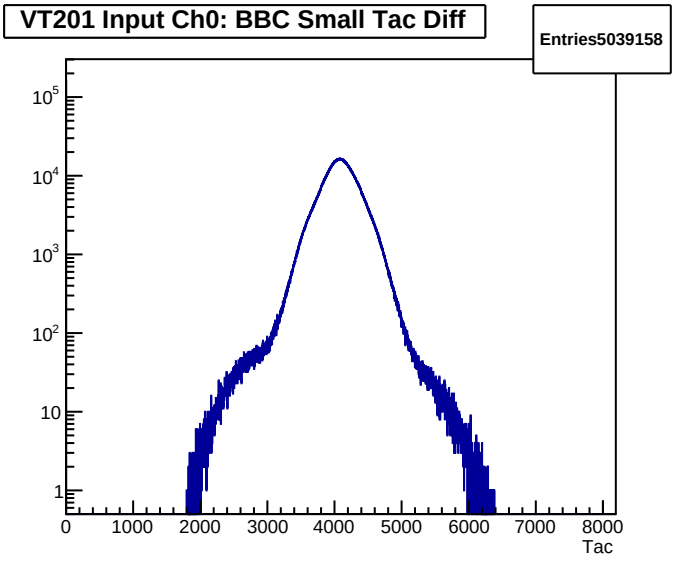

zdcEastTacVsSimu
Entries 999236
Data
Simu

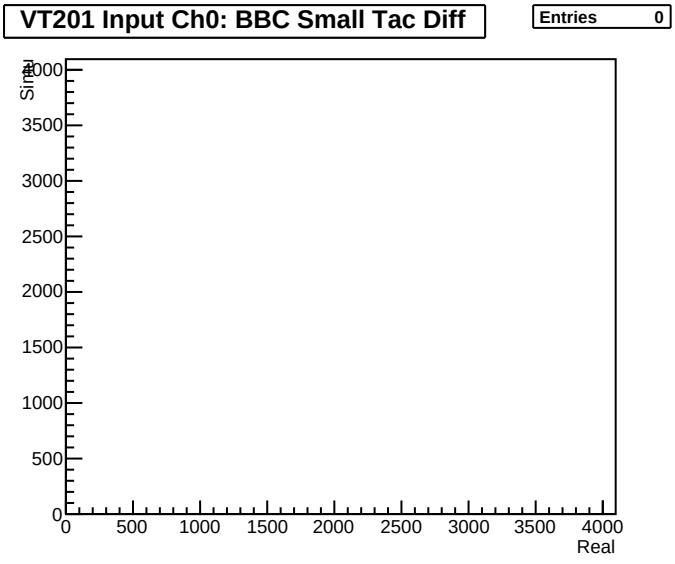

zdcWestTac
Entries5039158

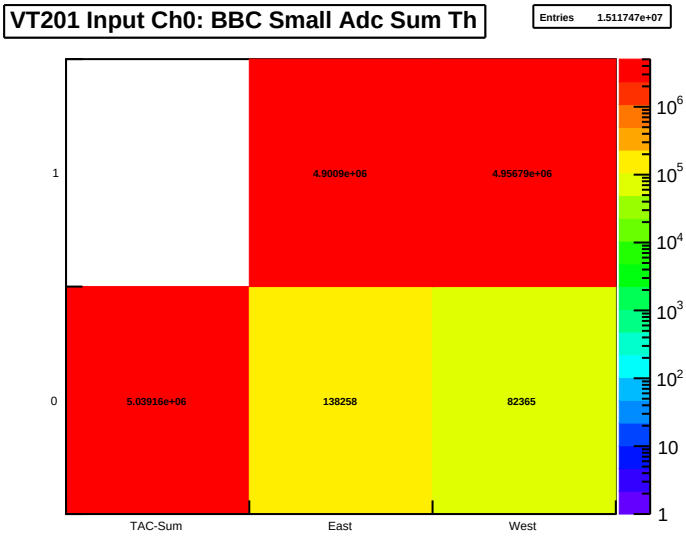

zdcWestTacVsSimu
Entries 708116
Data
Simu

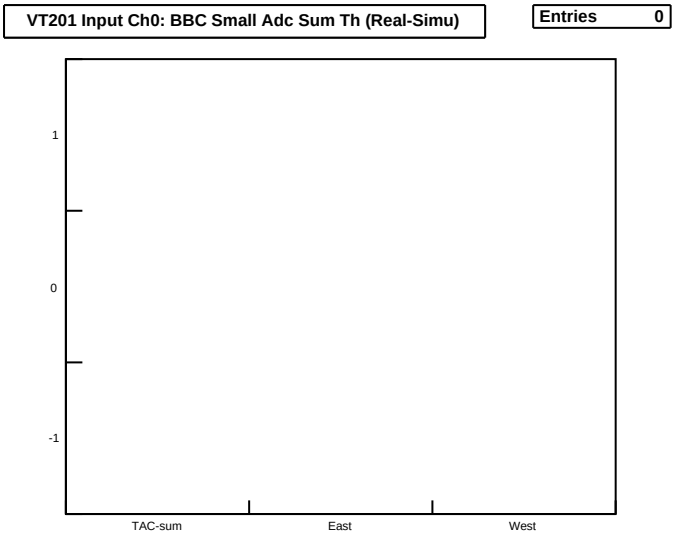

zdcAdcSum
Entries 6.04699e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

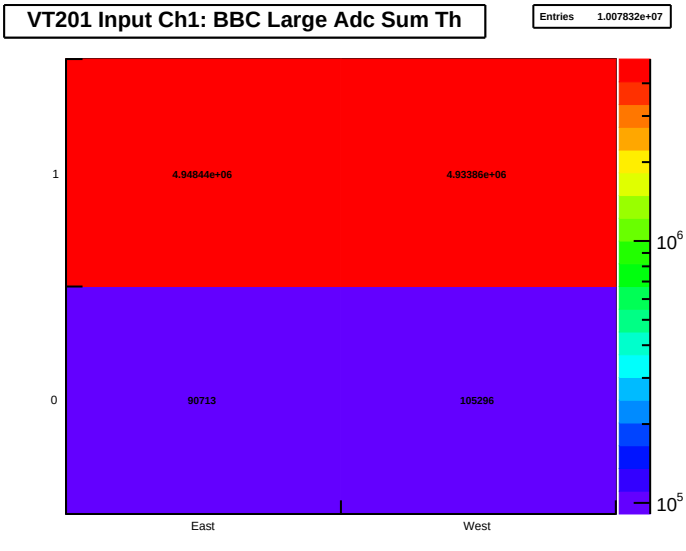

zdcAdcSumDiff
Entries 7238966
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

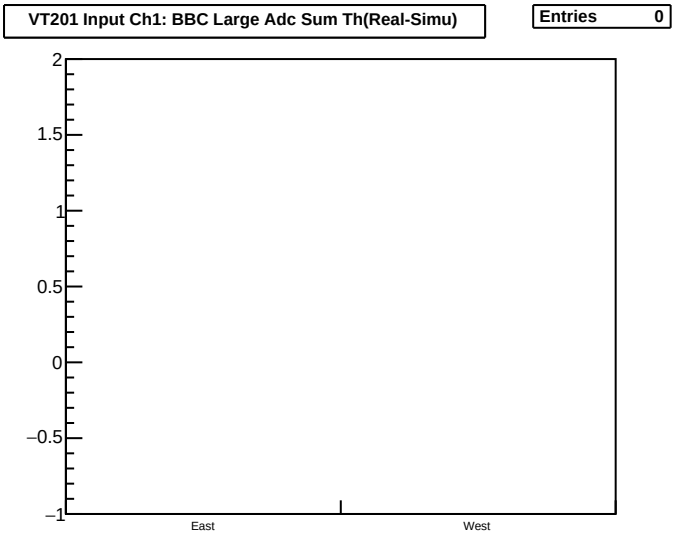

VT201 Input Ch0: BBC Small Tac Diff
Entries5039158
Tac


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

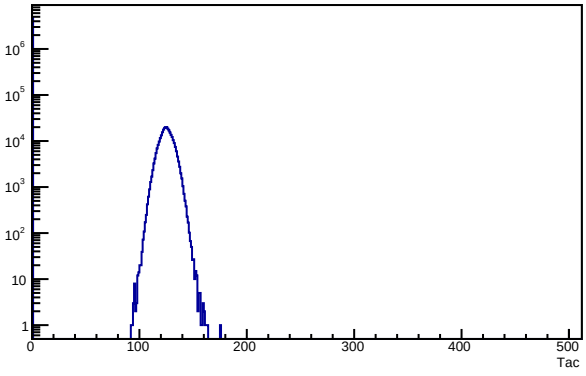

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.511747e+07
4.9009e+06
4.95679e+06
5.03916e+06
138258
82365
TAC-Sum
East
West


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

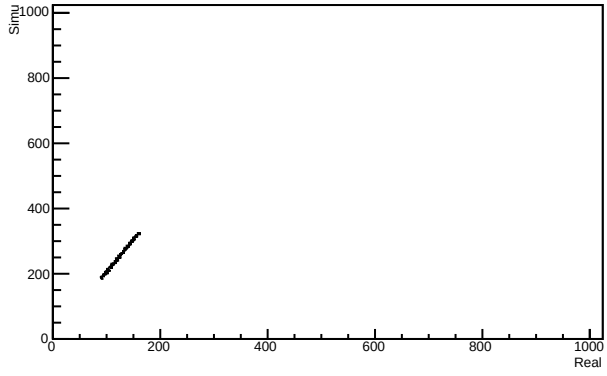

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.007832e+07
4.94844e+06
4.93386e+06
90713
105296
East
West


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

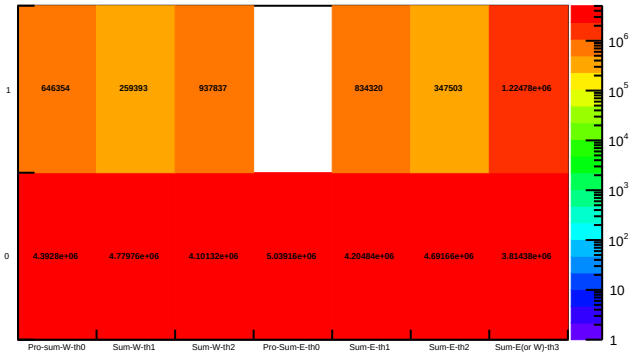
VT201 Input Ch2: ZDC Tac Diff



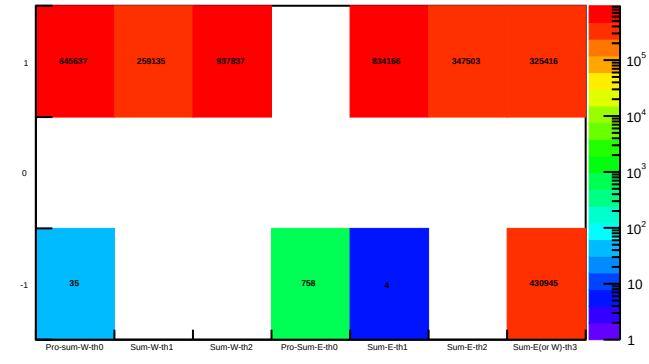
VT201 Input Ch2: ZDC Tac Diff



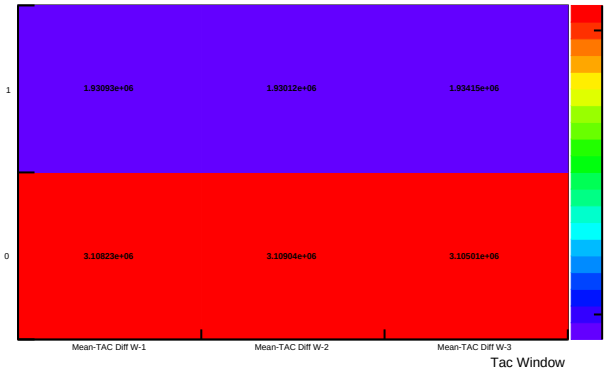
VT201 Input Ch2: ZDC Adc Sum Th



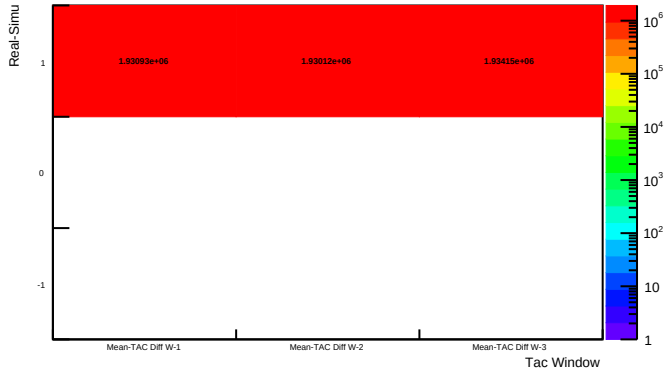
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



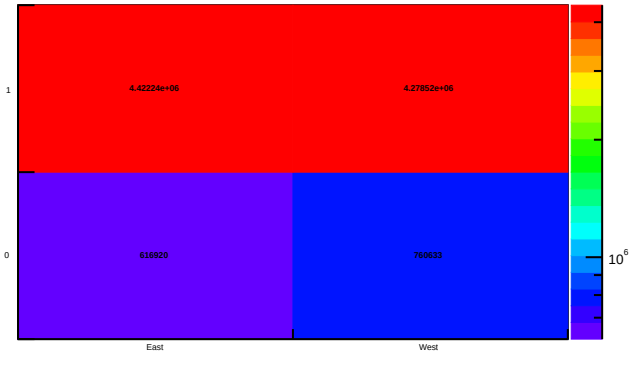
VT201 Input Ch4: VPD Tac Diff



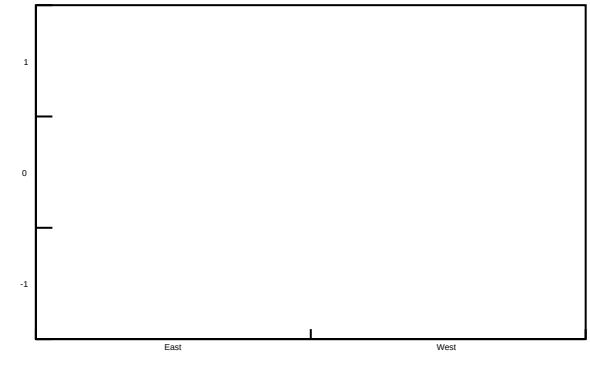
VT201 Input Ch4: VPD Tac Diff

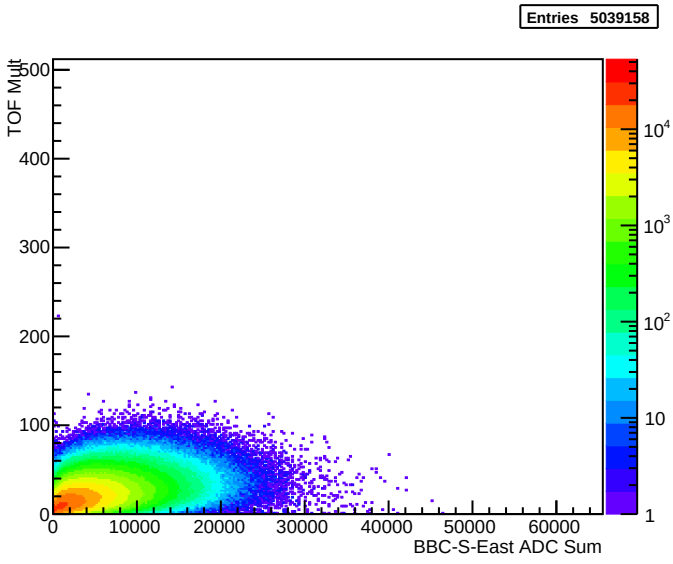


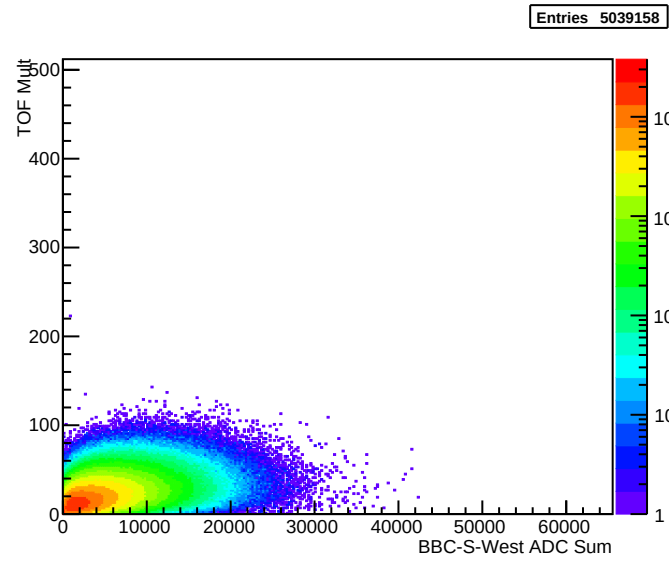
VT201 Input Ch4: VPD Adc Sum Th

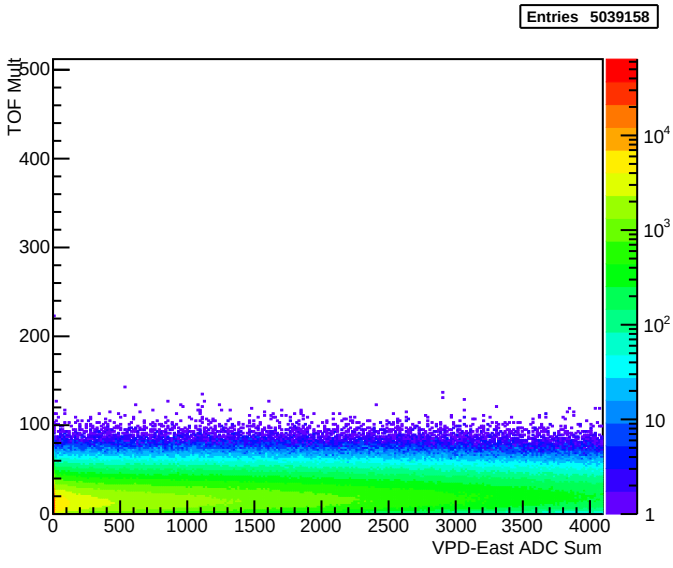


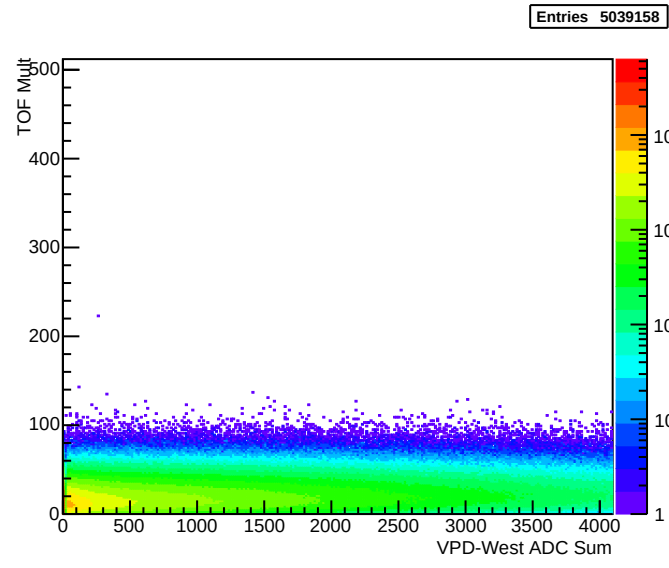
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

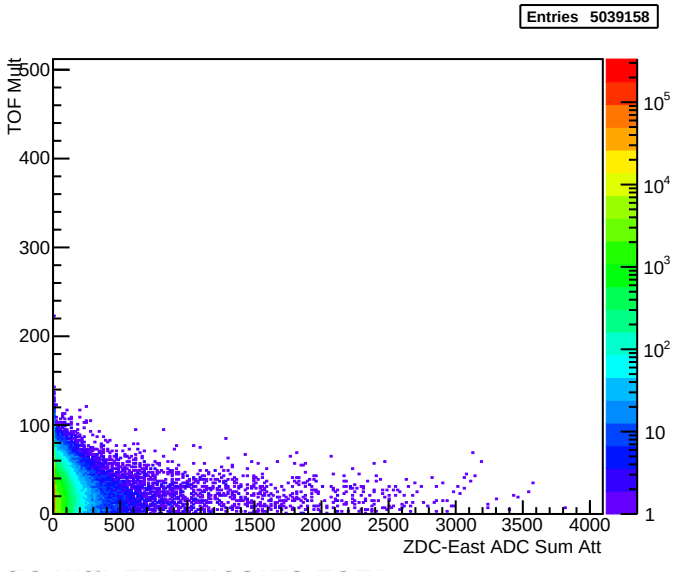


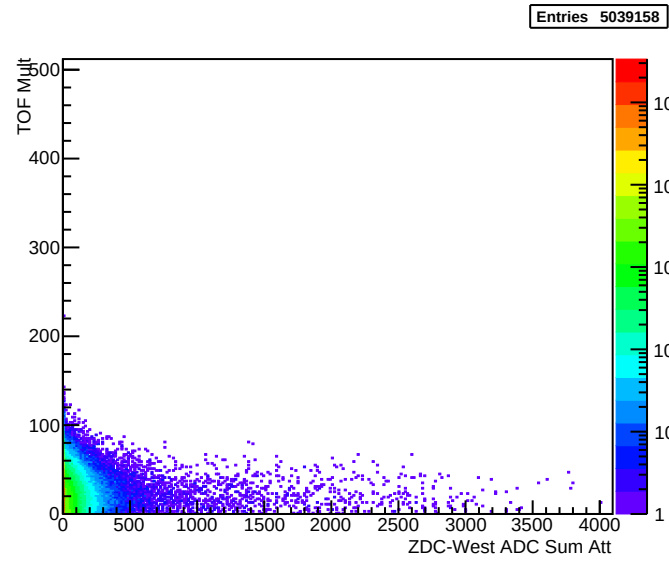

Entries 5039158
TOF Mult
BBC-S-East ADC Sum

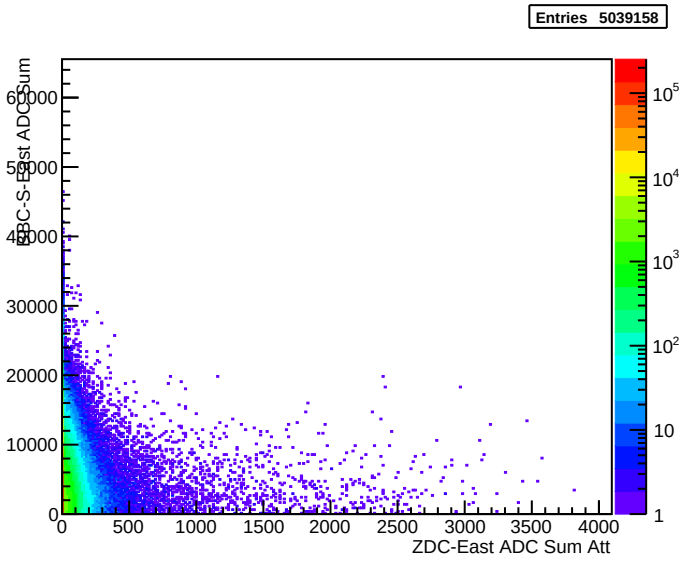

Entries 5039158
TOF Mult
BBC-S-West ADC Sum

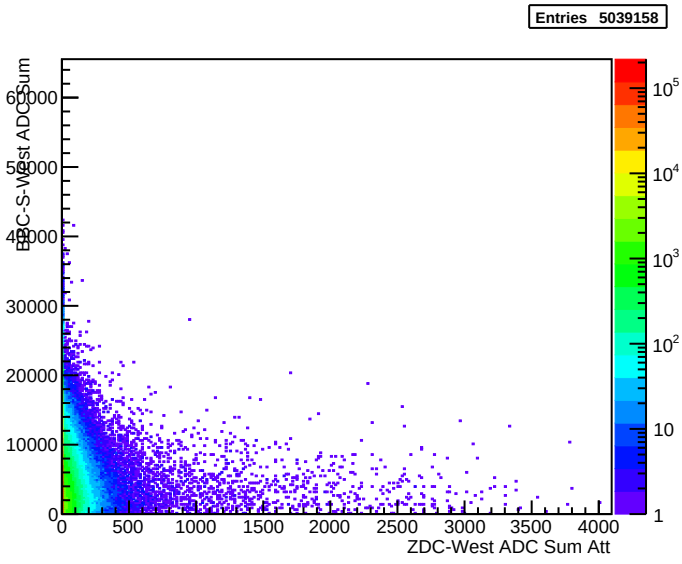

Entries 5039158
TOF Mult
VPD-East ADC Sum

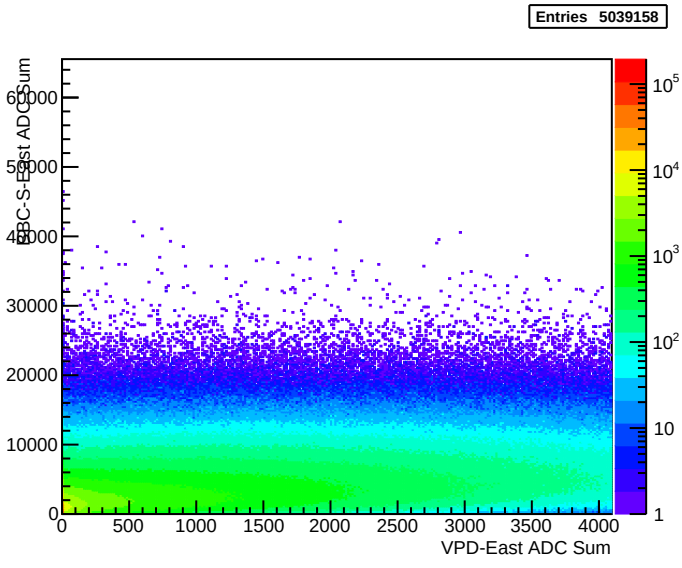

Entries 5039158
TOF Mult
VPD-West ADC Sum

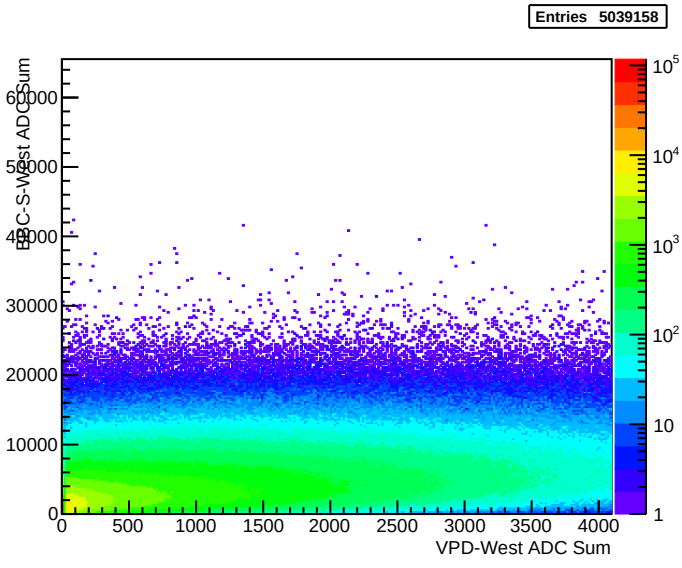

Entries 5039158
TOF Mult
ZDC-East ADC Sum Att

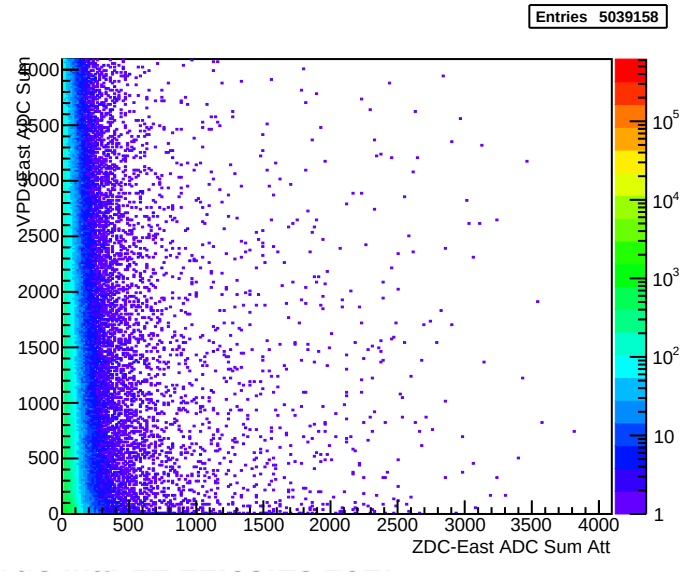

Entries 5039158
TOF Mult
ZDC-West ADC Sum Att

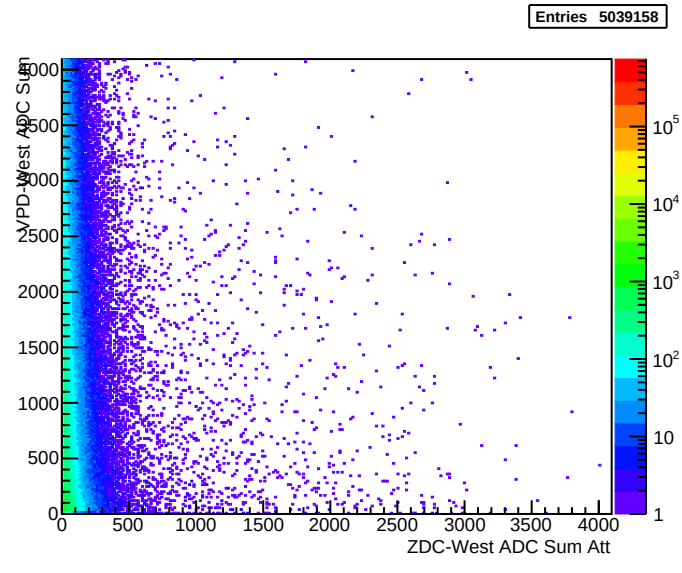

Entries 5039158
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

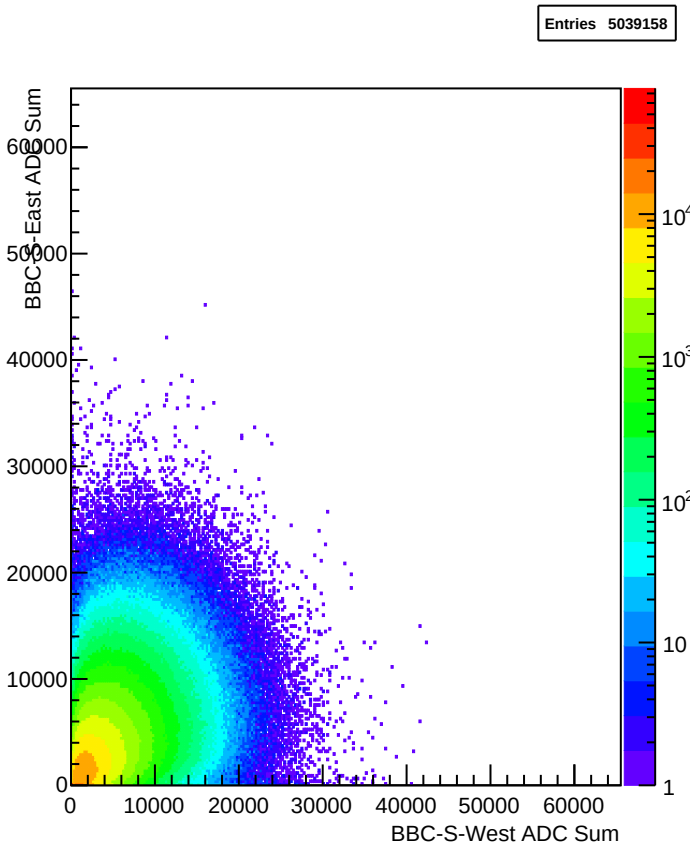

Entries 5039158
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

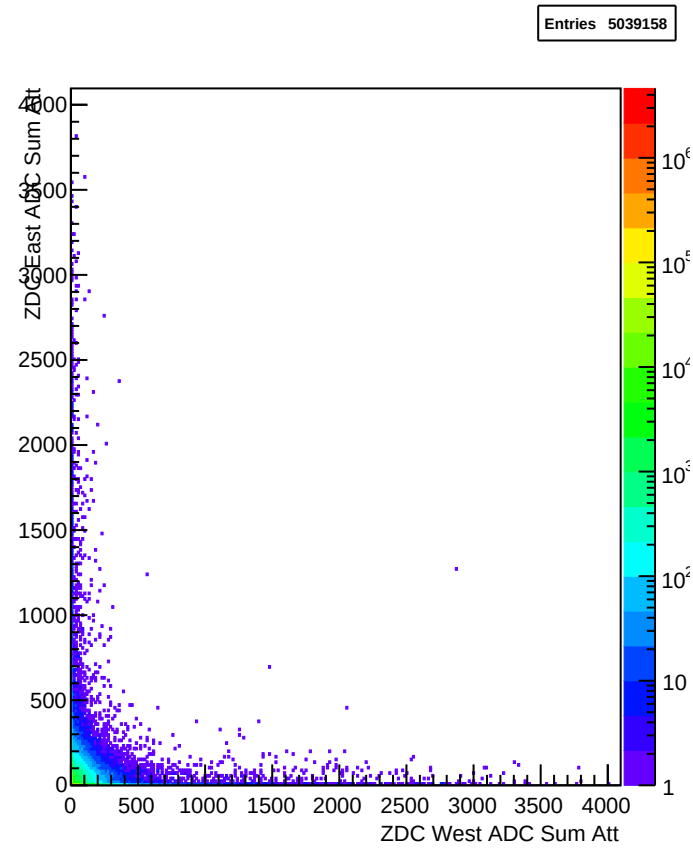

Entries 5039158
BBC-S-East ADC Sum
VPD-East ADC Sum

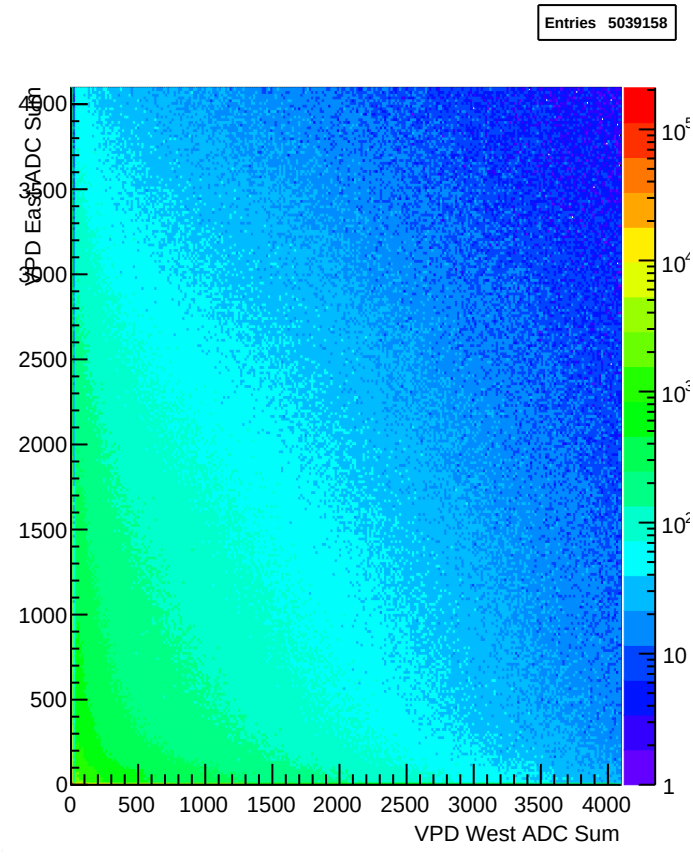

Entries 5039158
BBC-S-West ADC Sum
VPD-West ADC Sum

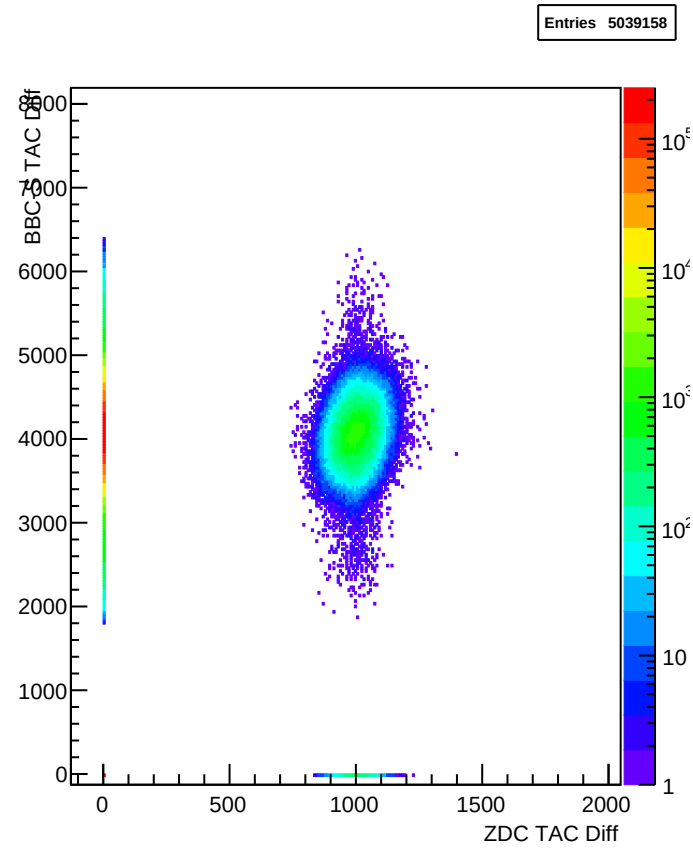

Entries 5039158
VPD-East ADC Sum
ZDC-East ADC Sum Att

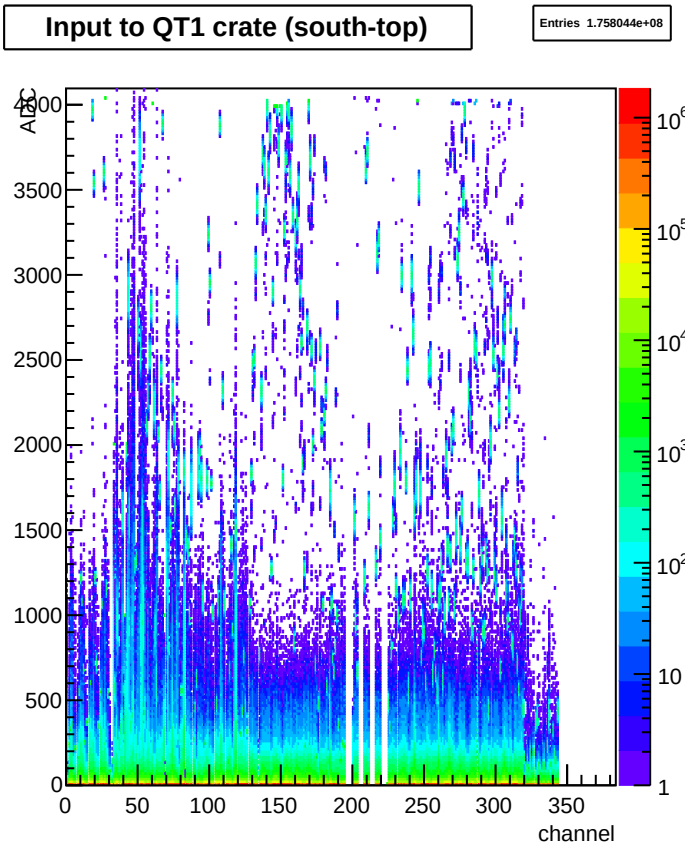

Entries 5039158
VPD-West ADC Sum
ZDC-West ADC Sum Att

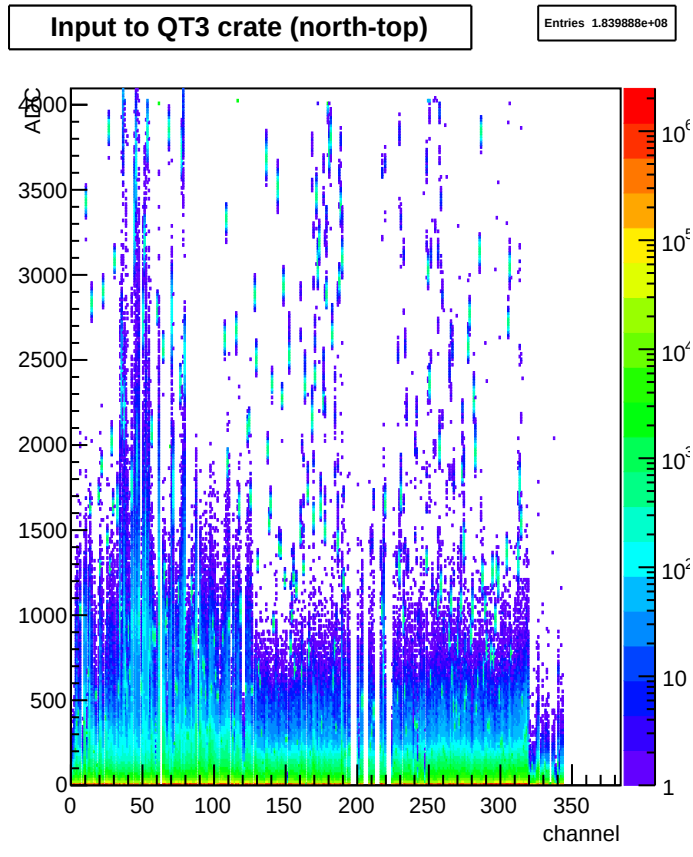

Entries 5039158
BBC-S-East ADC Sum
BBC-S-West ADC Sum

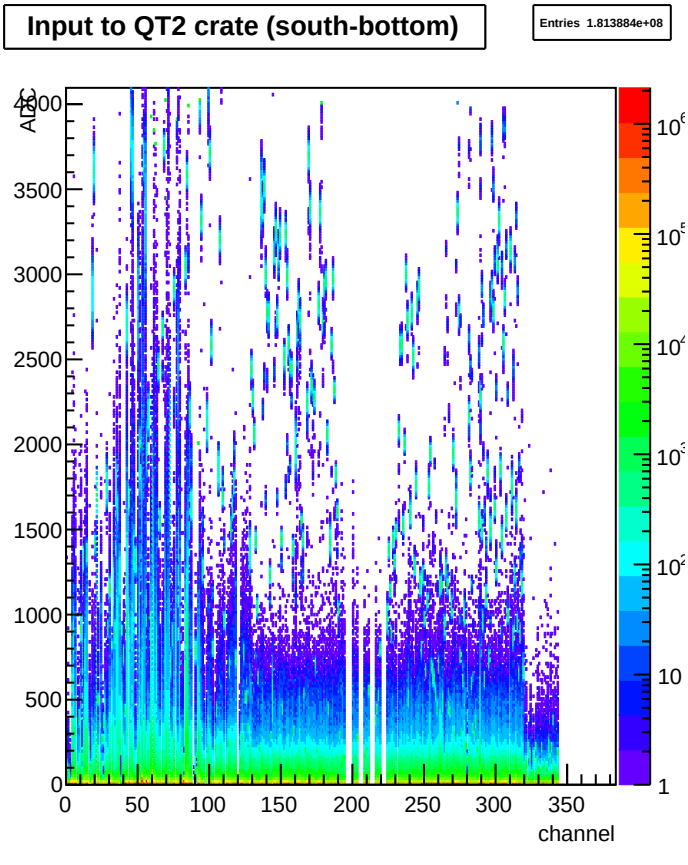

Entries 5039158
ZDC East ADC Sum Att
ZDC West ADC Sum Att

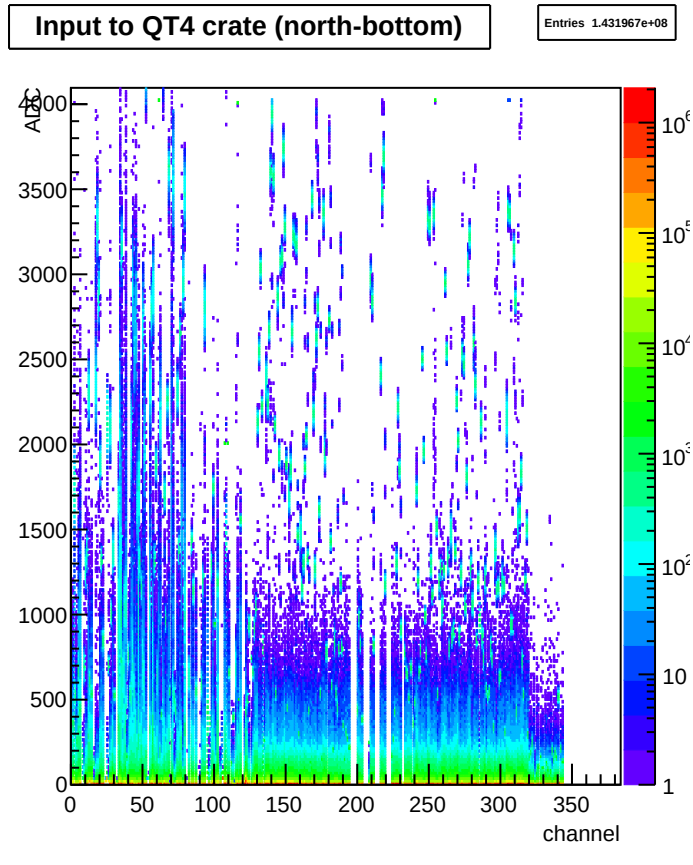

Entries 5039158
VPD East ADC Sum
VPD West ADC Sum

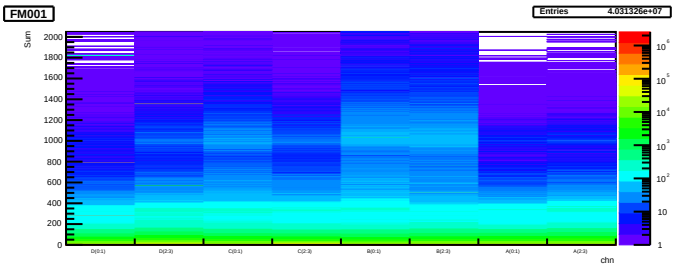

Entries 5039158
BBC-S TAC Diff
ZDC TAC Diff

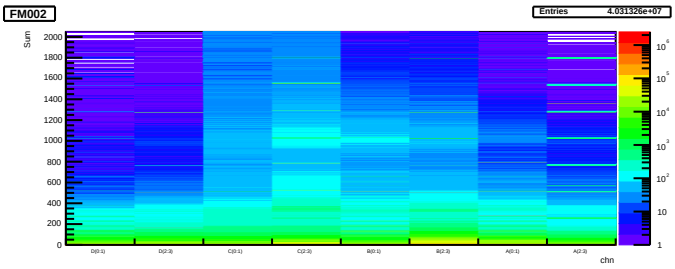

Input to QT1 crate (south-top)
Entries 1.758044e+08
ADC
channel

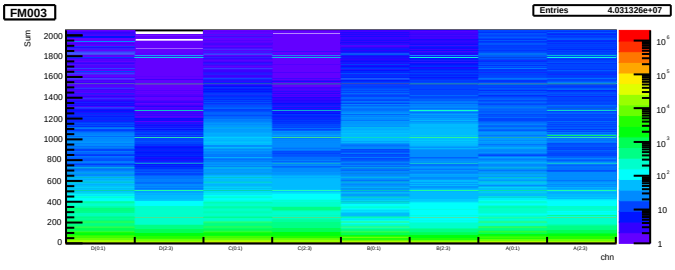

Input to QT3 crate (north-top)
Entries 1.839888e+08
ADC
channel

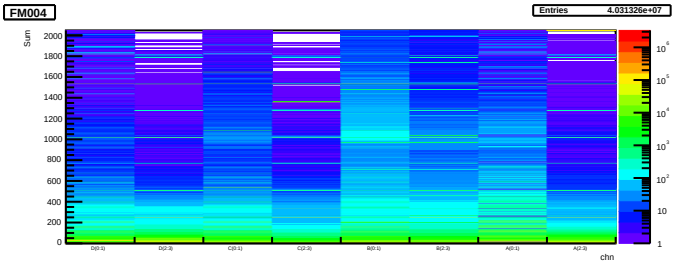

Input to QT2 crate (south-bottom)
Entries 1.813884e+08
ADC
channel

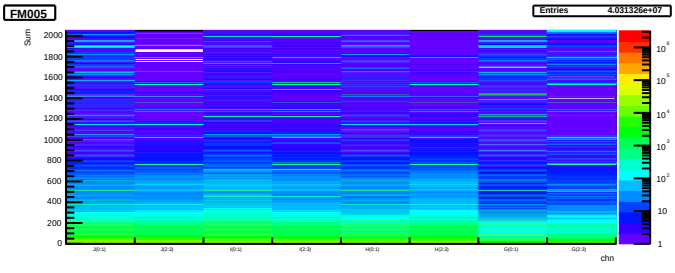

Input to QT4 crate (north-bottom)
Entries 1.431967e+08
ADC
channel

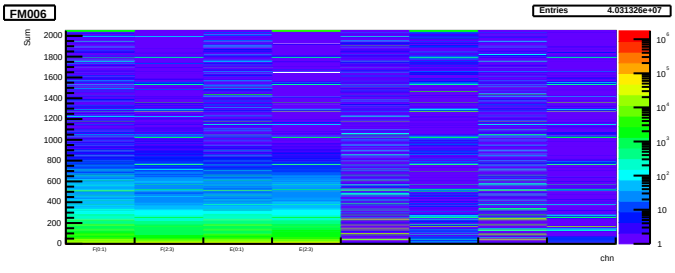

FM001
Entries 4.031326e+07
Sum
chn


FM002
Entries 4.031326e+07
Sum
chn


FM003
Entries 4.031326e+07
Sum
chn


FM004
Entries 4.031326e+07
Sum
chn


FM005
Entries 4.031326e+07
Sum
chn


FM006
Entries 4.031326e+07
Sum
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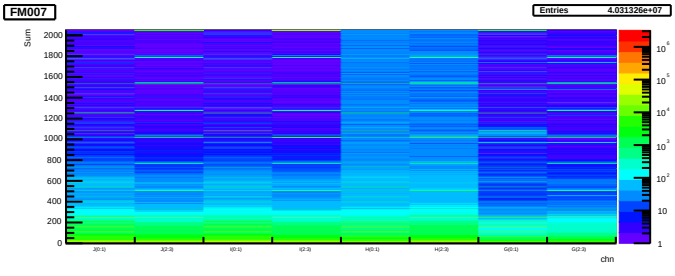
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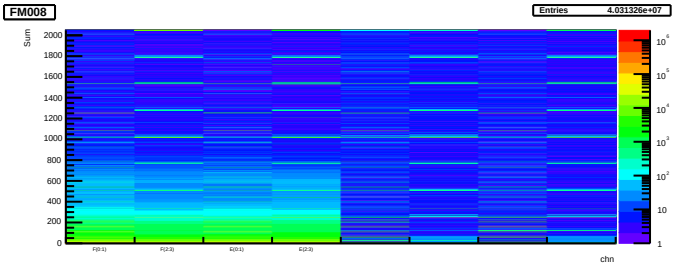
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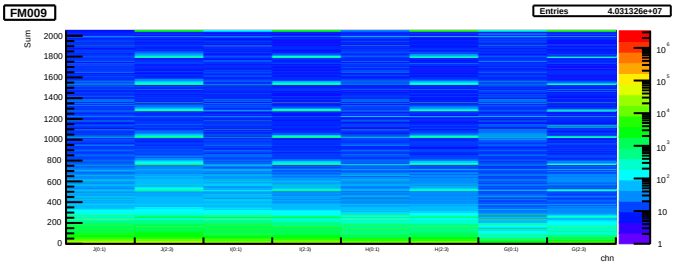
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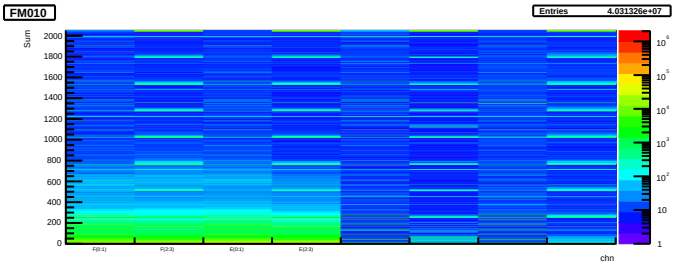
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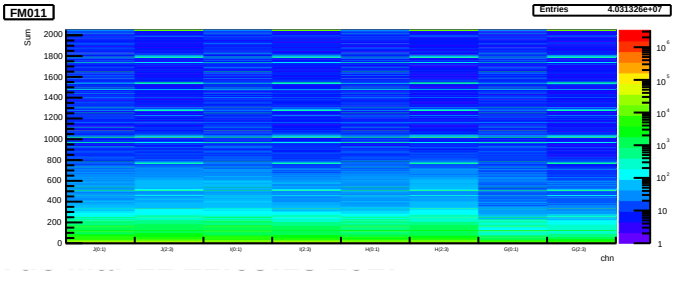
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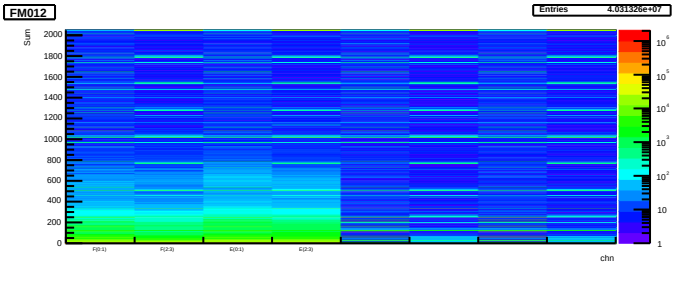
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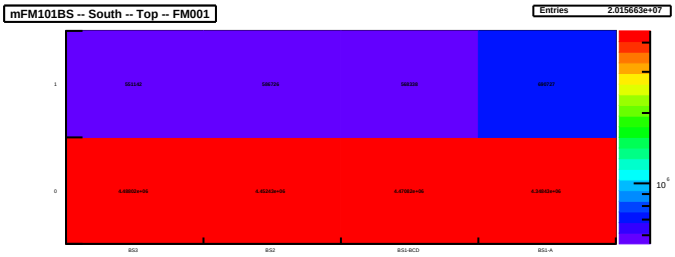
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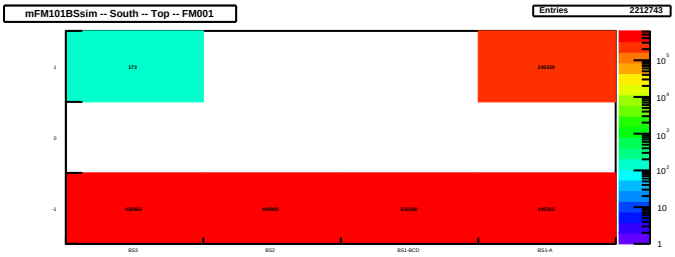
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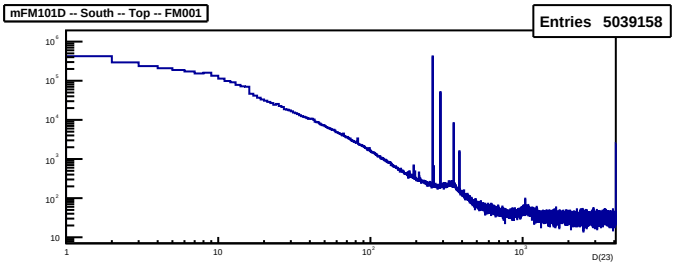
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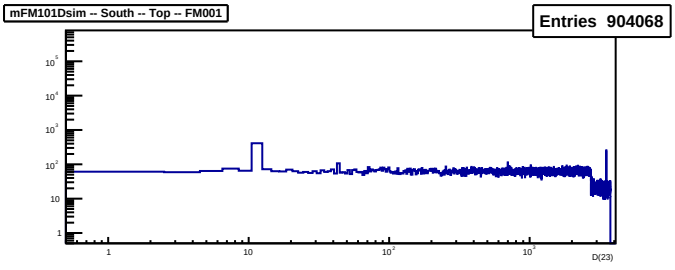
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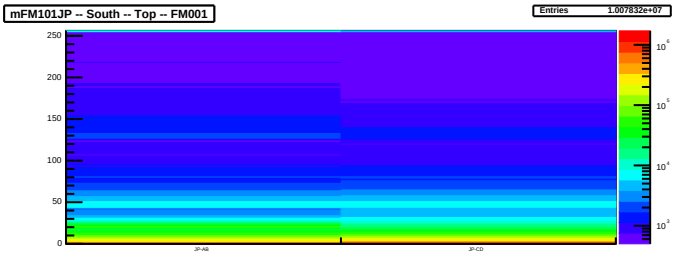
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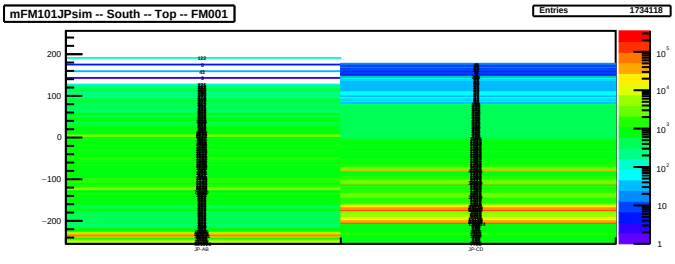
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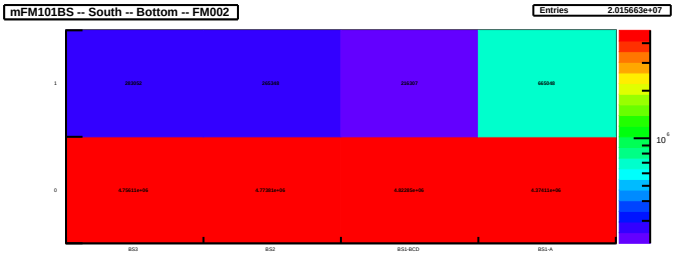
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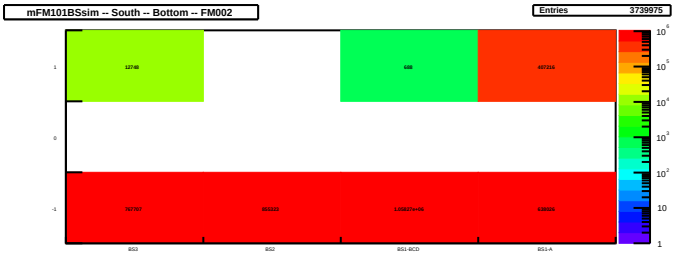
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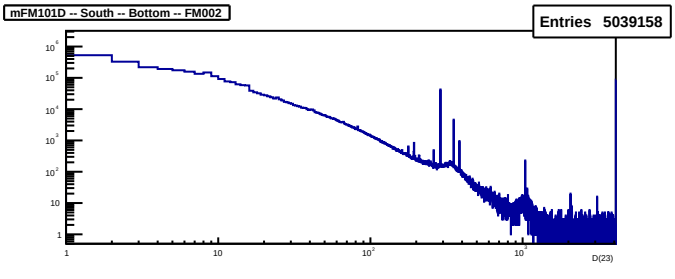
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Entries 5039158
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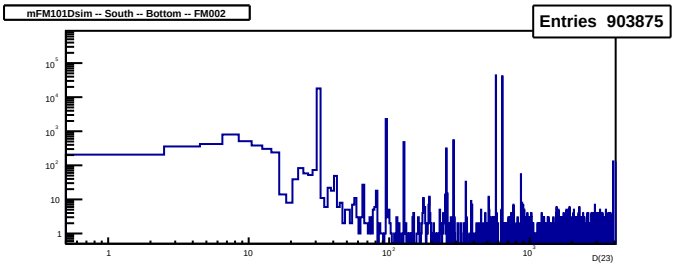
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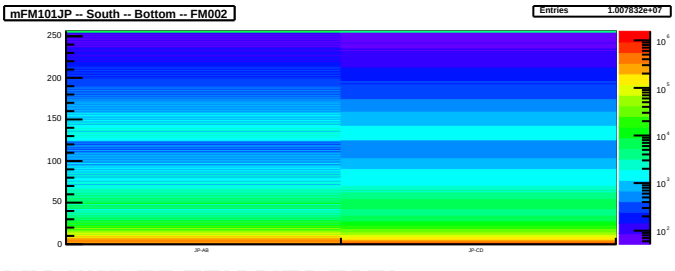
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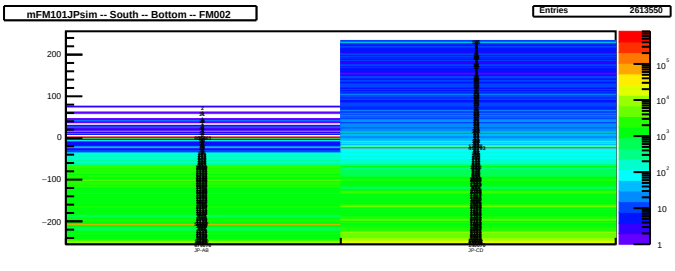
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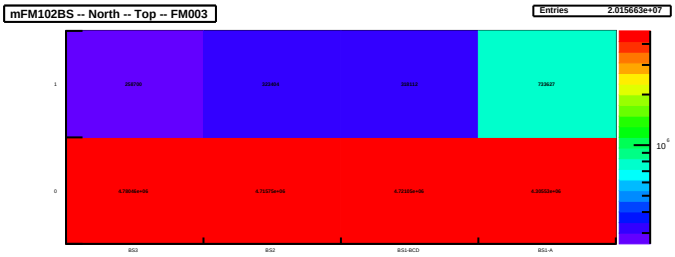
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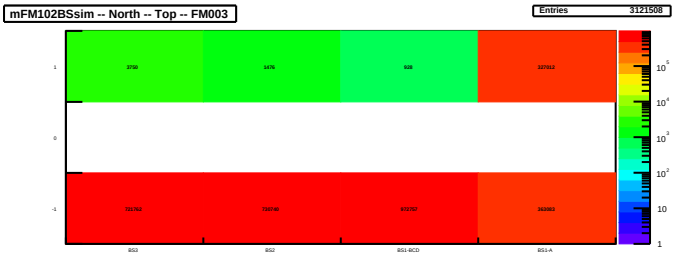
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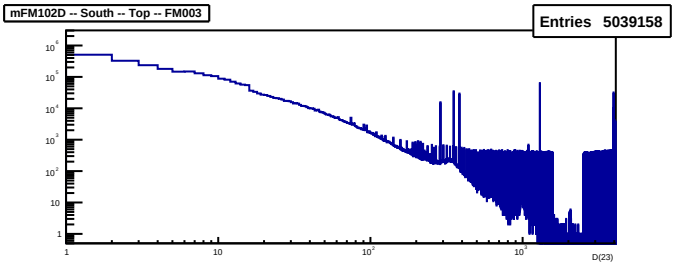
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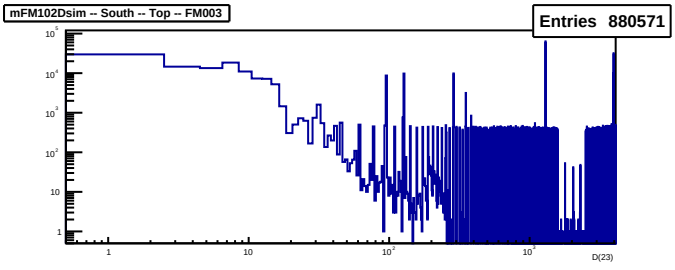
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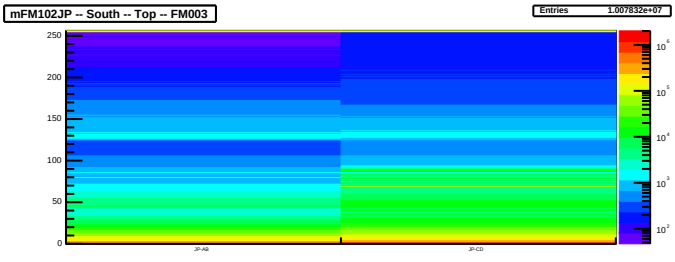
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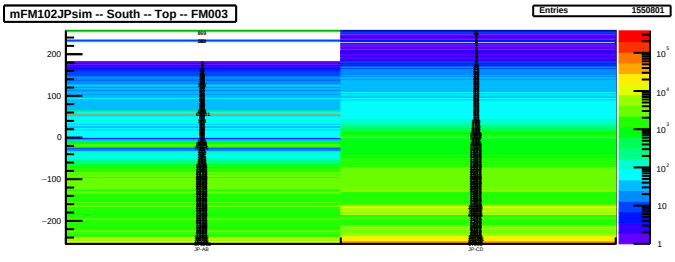
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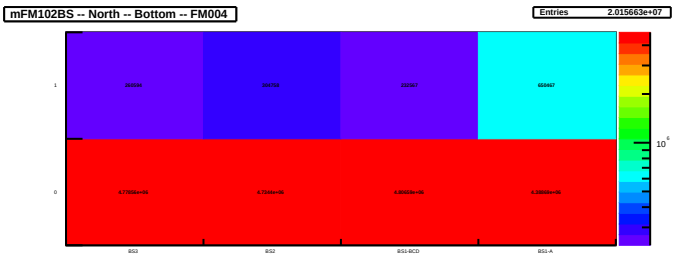
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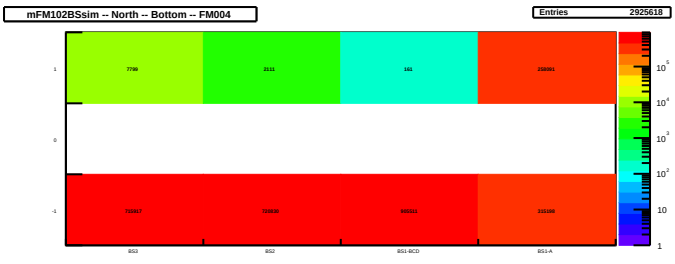
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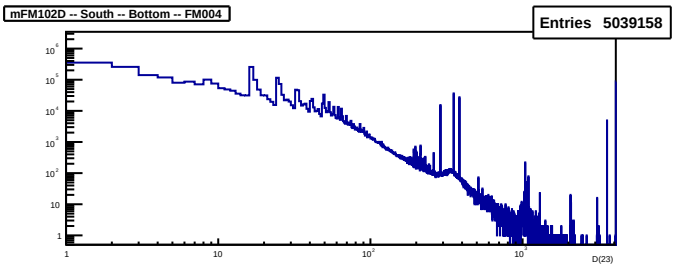
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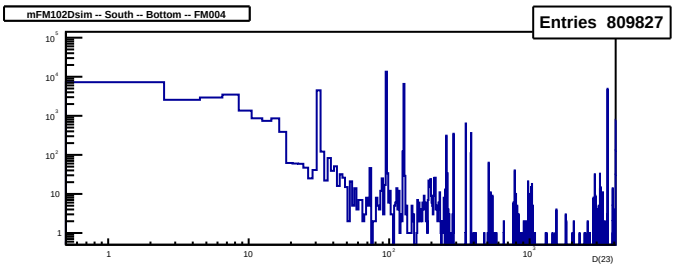
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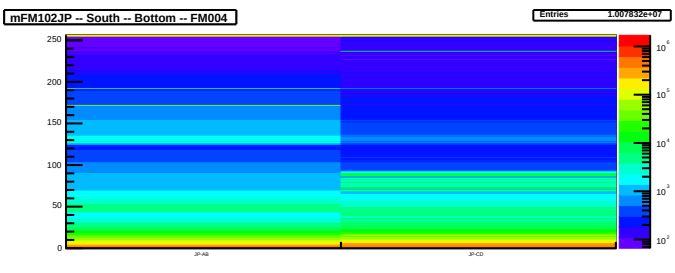
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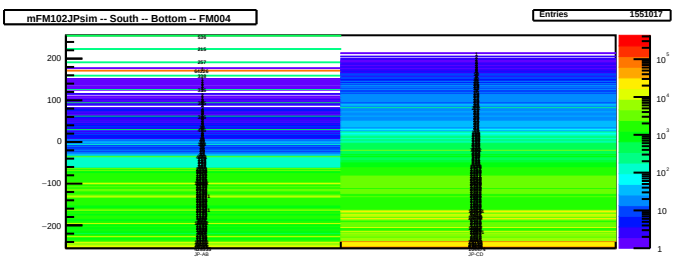
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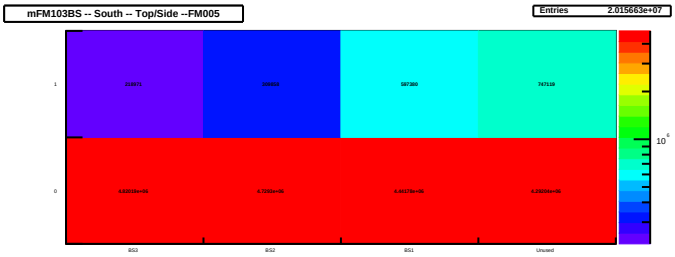
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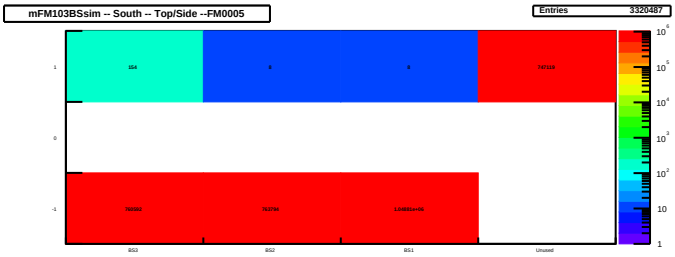
Entries 2.015663e+07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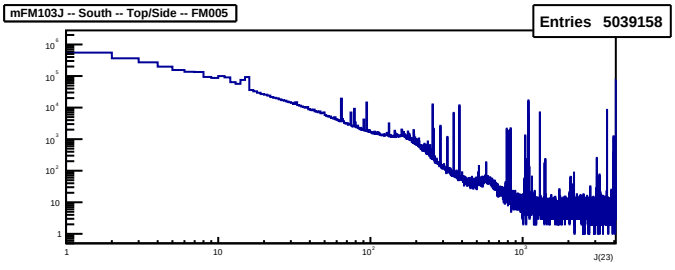
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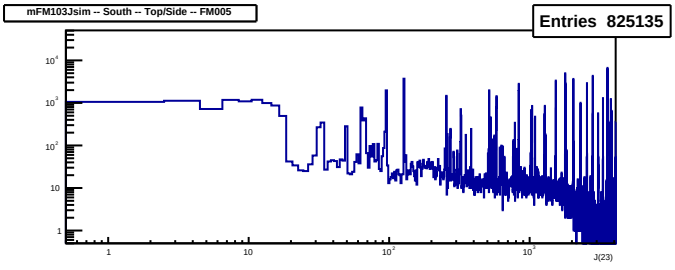
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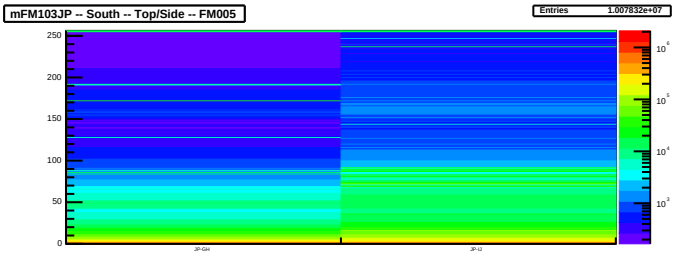
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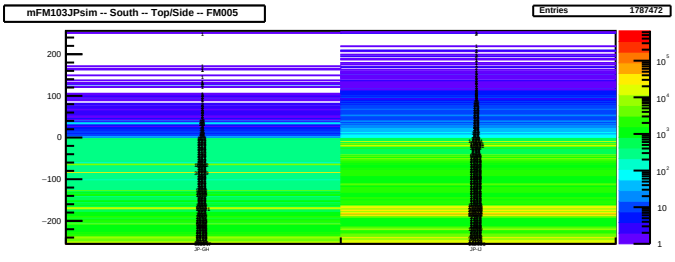
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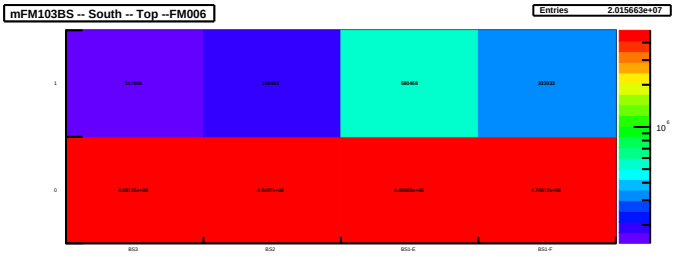
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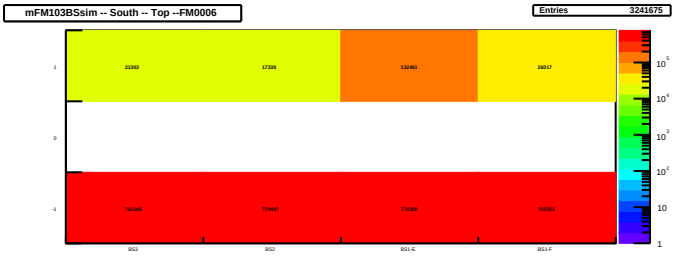
Entries 2.015663e+07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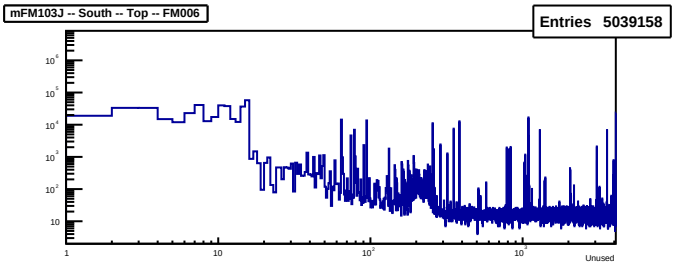
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Entries 5039158
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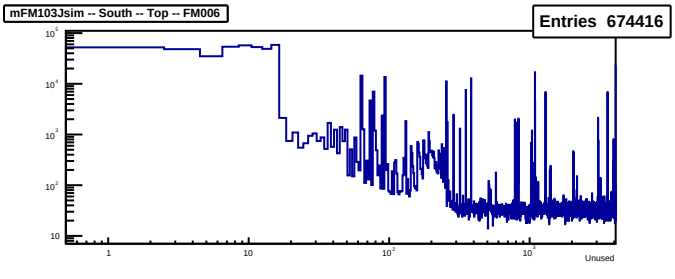
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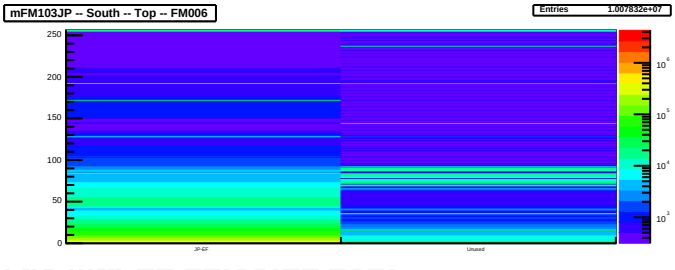
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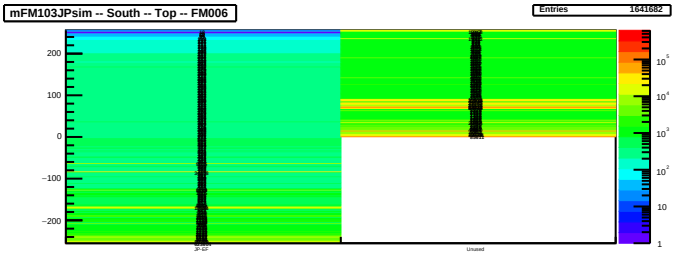
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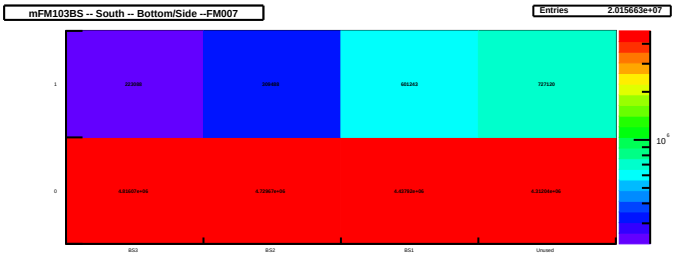
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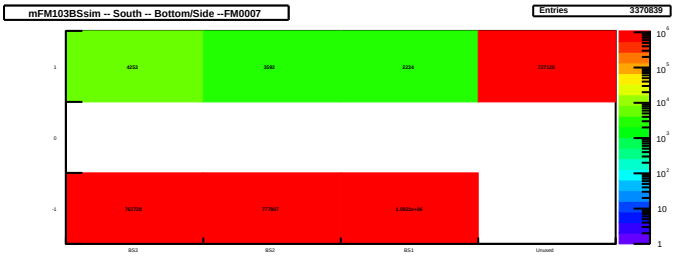
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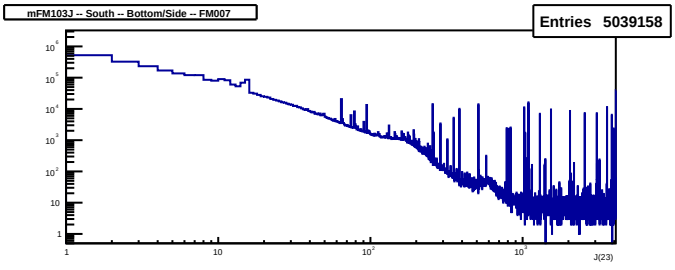
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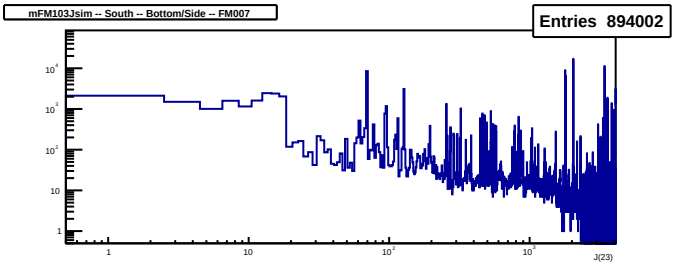
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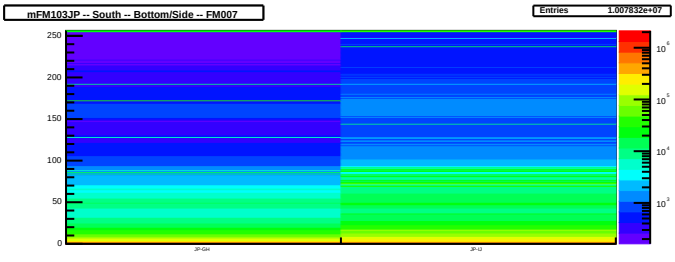
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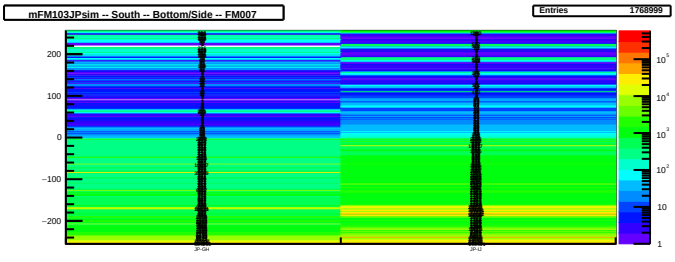
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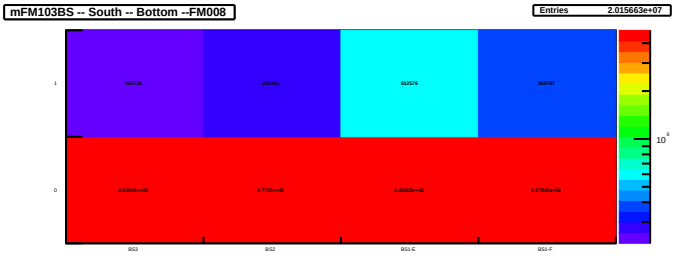
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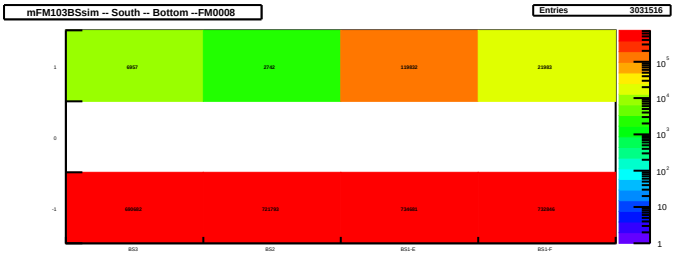
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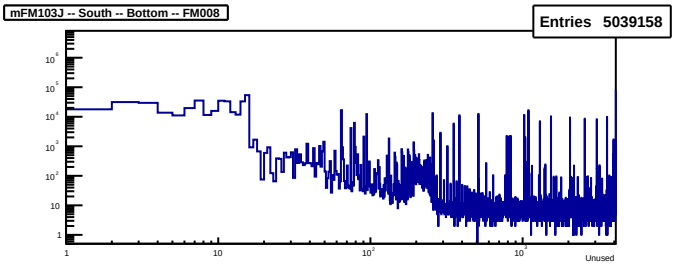
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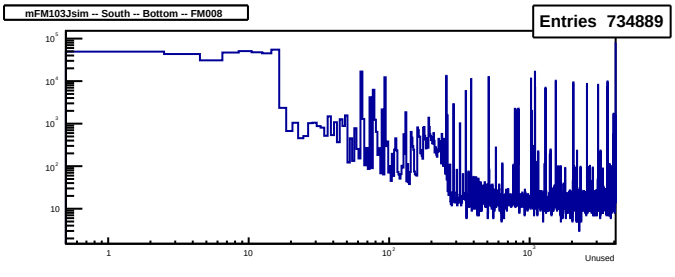
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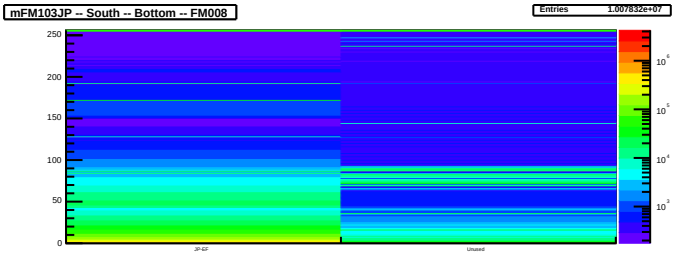
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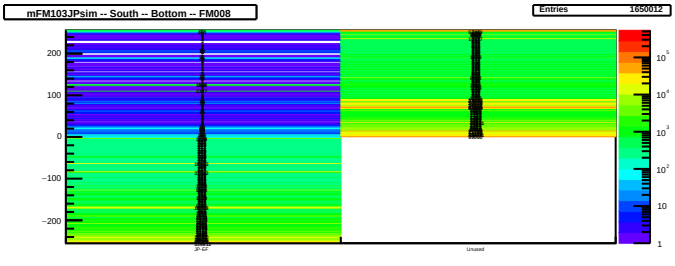
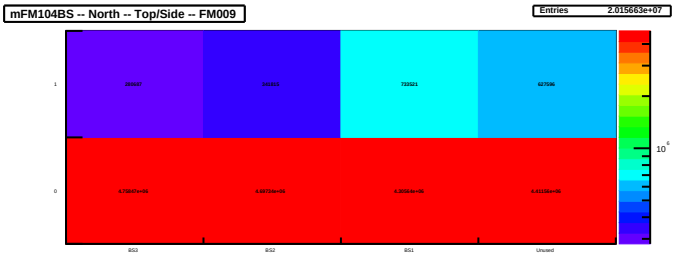
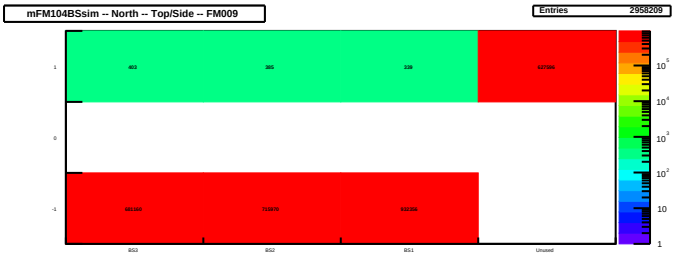
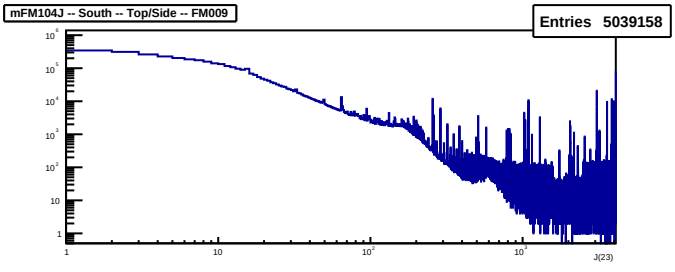
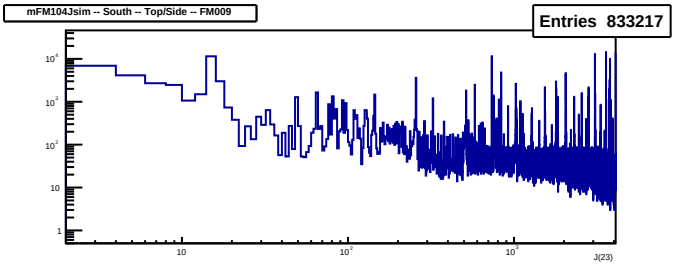
Entries 1.007832e+07

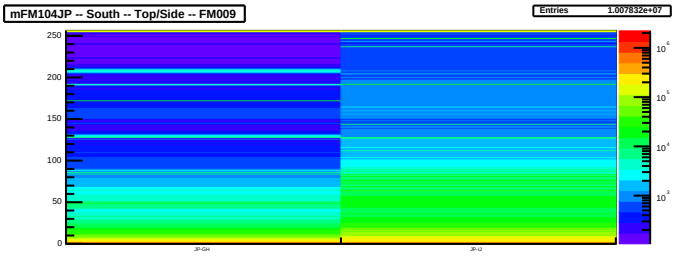

mFM103JPsim -- South -- Bottom -- FM008
Entries 1650012

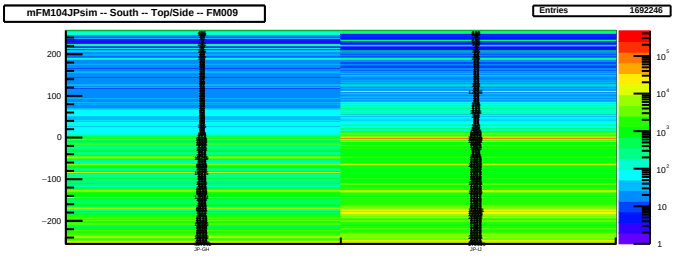

mFM104BS -- North -- Top/Side -- FM009
Entries 2.015663e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2958209


mFM104J -- South -- Top/Side -- FM009
Entries 5039158
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 833217
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.007832e+07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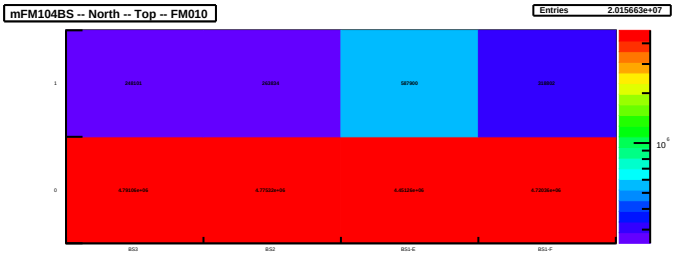
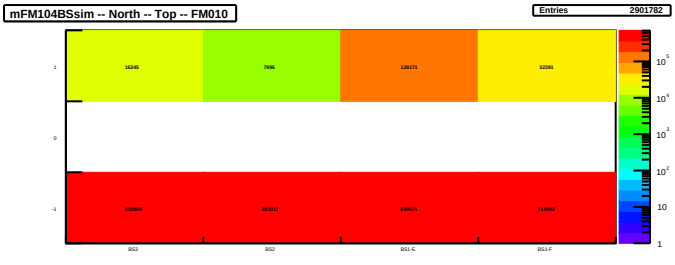

mFM104BS -- North -- Top -- FM010
Entries 2.015663e+07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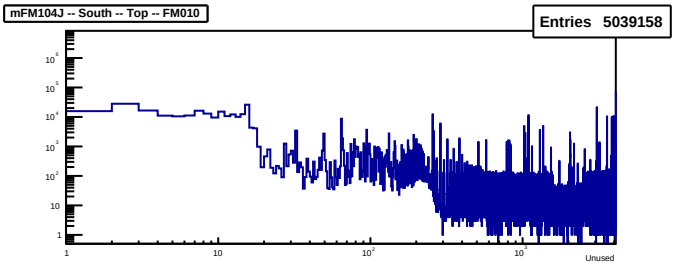
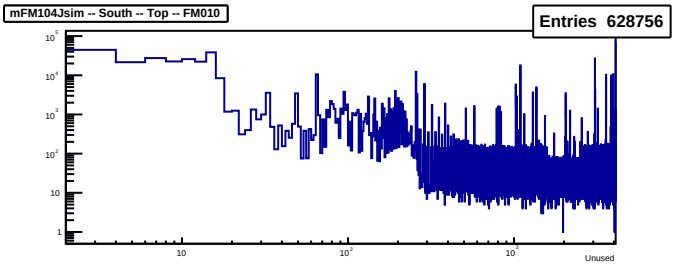
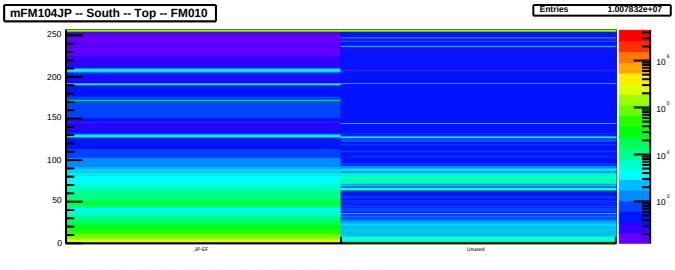
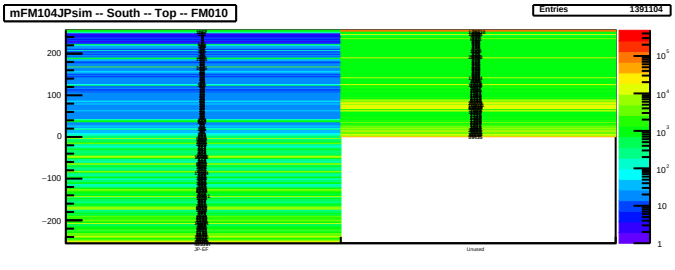
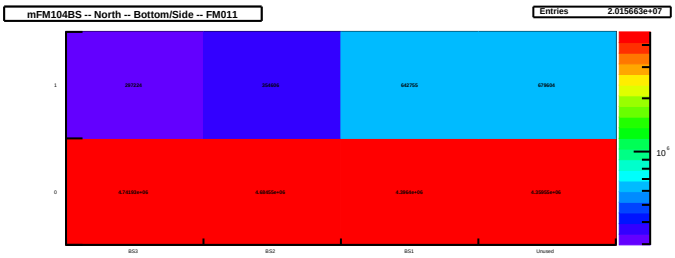
Entries 2901782

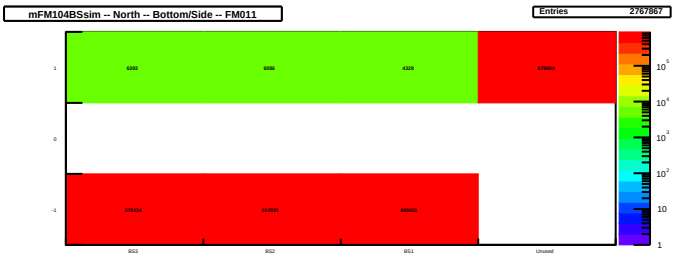

mFM104J -- South -- Top -- FM010
Entries 5039158
Unused

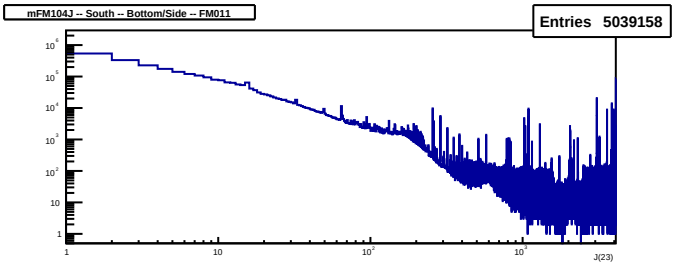

mFM104Jsim -- South -- Top -- FM010
Entries 628756
Unused

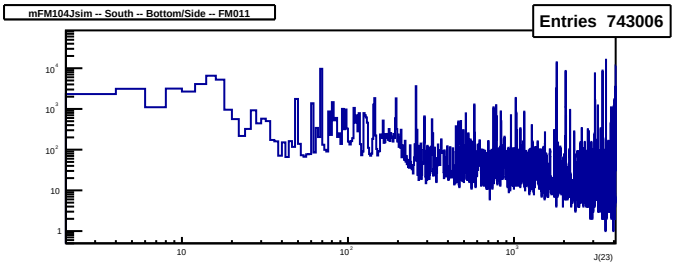

mFM104JP -- South -- Top -- FM010
Entries 1.007832e+07

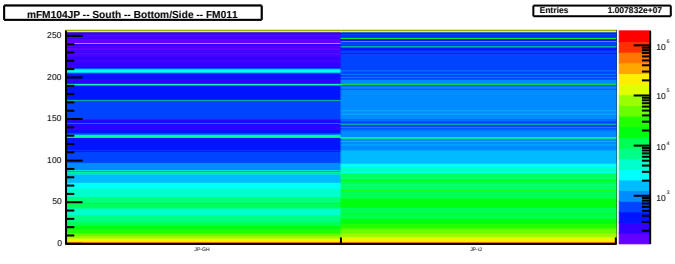

mFM104JPsim -- South -- Top -- FM010
Entries 1391104

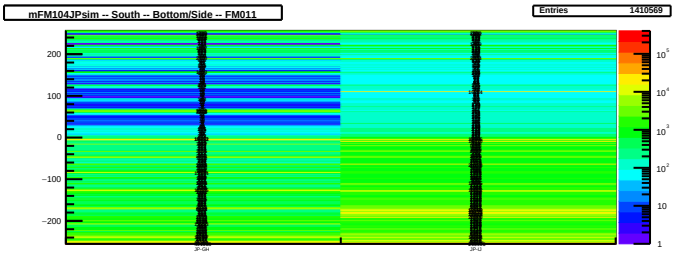

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.015663e+07

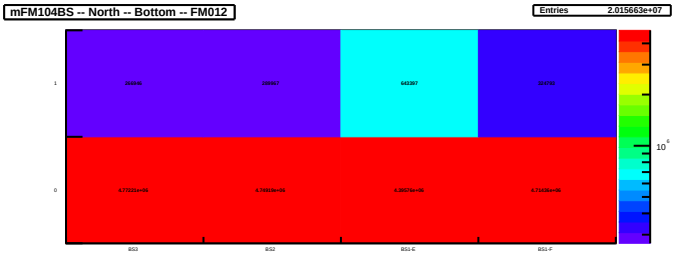

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2767867

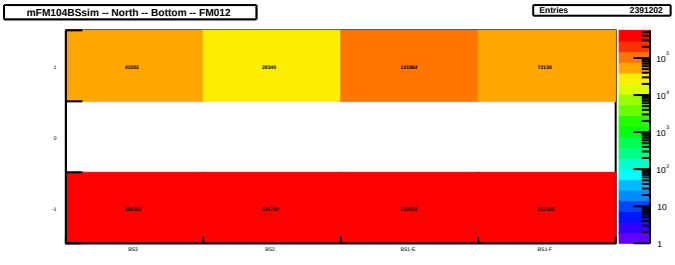

mFM104J -- South -- Bottom/Side -- FM011
Entries 5039158
J(23)

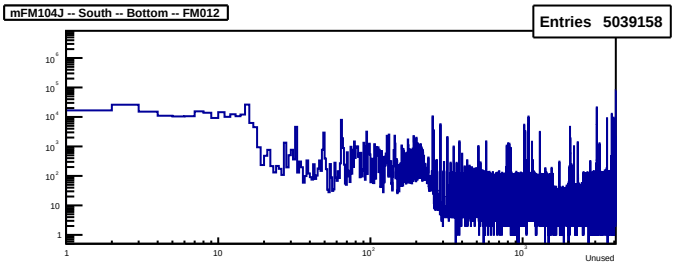

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 743006
J(23)

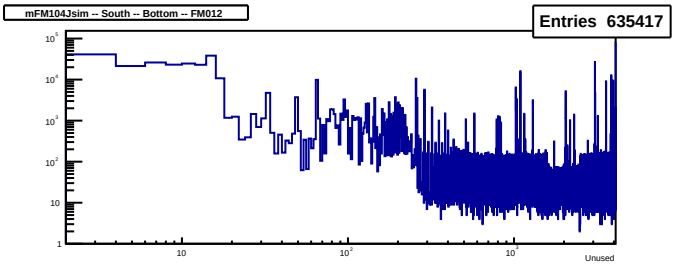

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.007832e+07

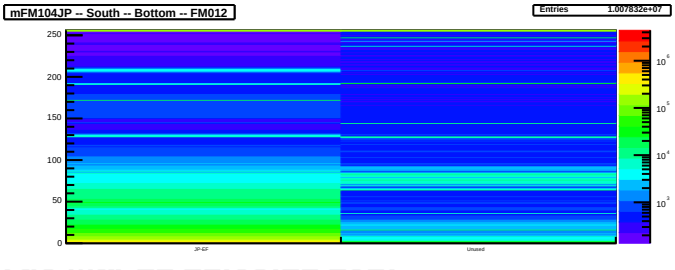

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1410569

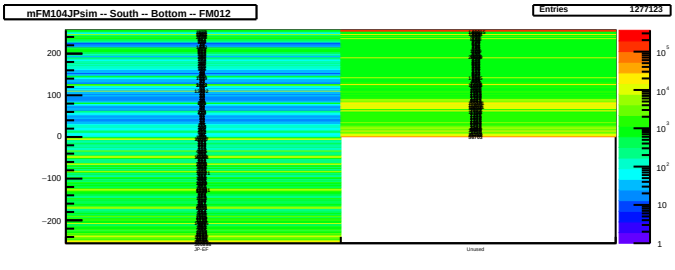

mFM104BS -- North -- Bottom -- FM012
Entries 2.015663e+07

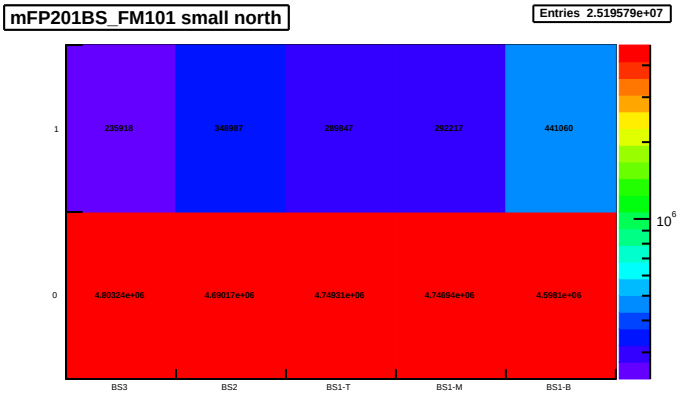

mFM104BSsim -- North -- Bottom -- FM012
Entries 2391202

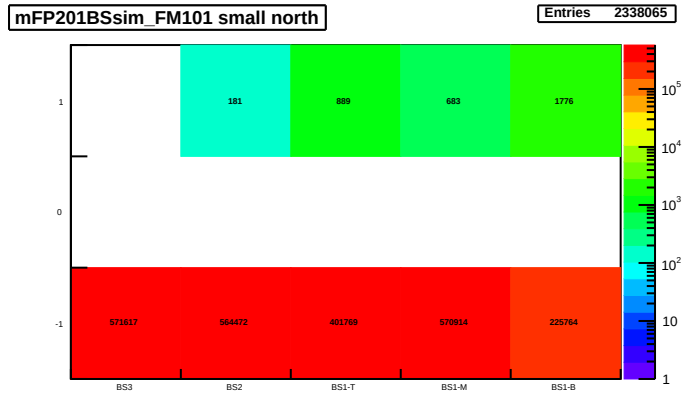

mFM104J -- South -- Bottom -- FM012
Entries 5039158
Unused

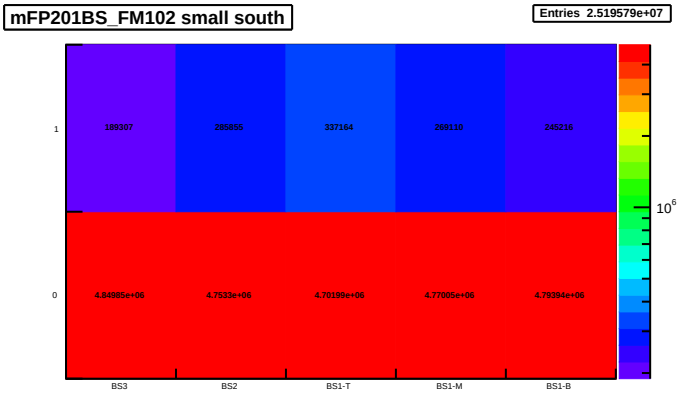

mFM104Jsim -- South -- Bottom -- FM012
Entries 635417
Unused

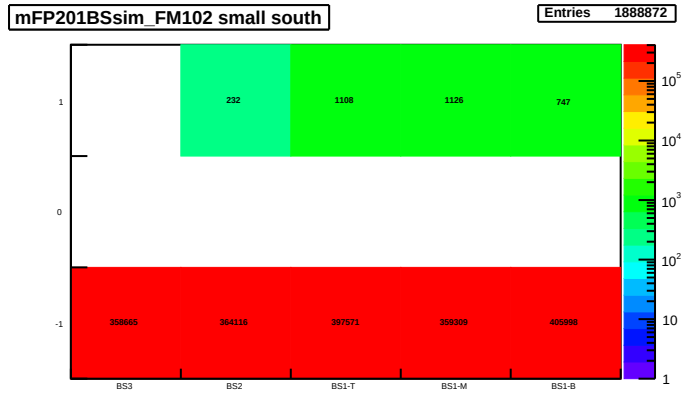

mFM104JP -- South -- Bottom -- FM012
Entries 1.007832e+07

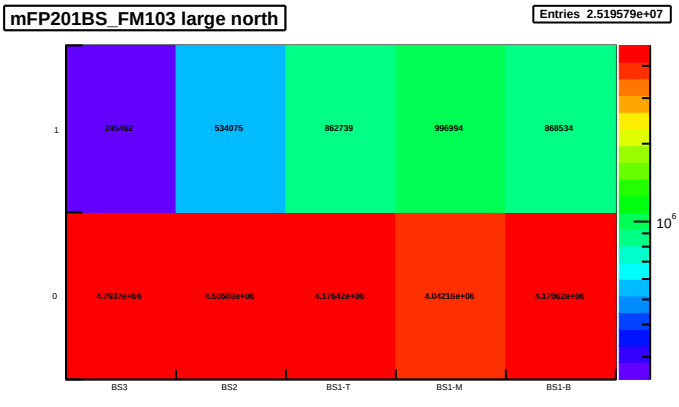

mFM104JPsim -- South -- Bottom -- FM012
Entries 1277123

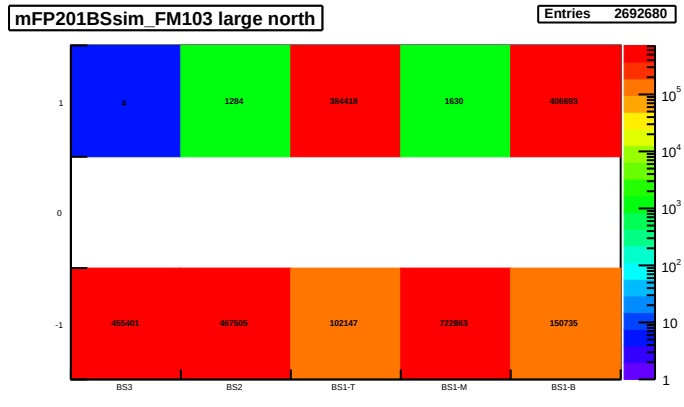

mFP201BS_FM101 small north
Entries 2.519579e+07
235918
348987
289847
292217
441060
4.80324e+06
4.69017e+06
4.74931e+06
4.74694e+06
4.5981e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

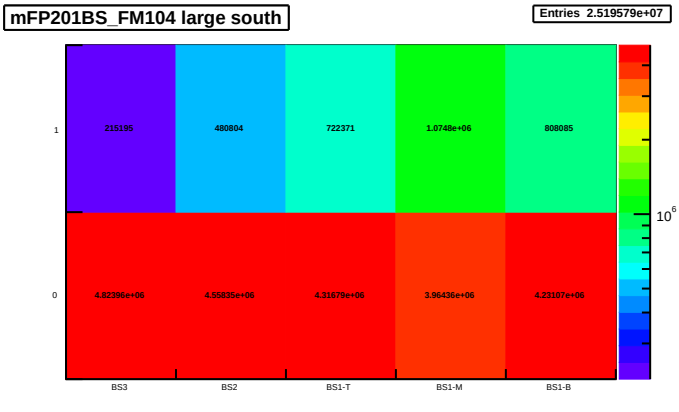

mFP201BSsim_FM101 small north
Entries 2338065
181
889
683
1776
571617
564472
401769
570914
225764
BS3
BS2
BS1-T
BS1-M
BS1-B

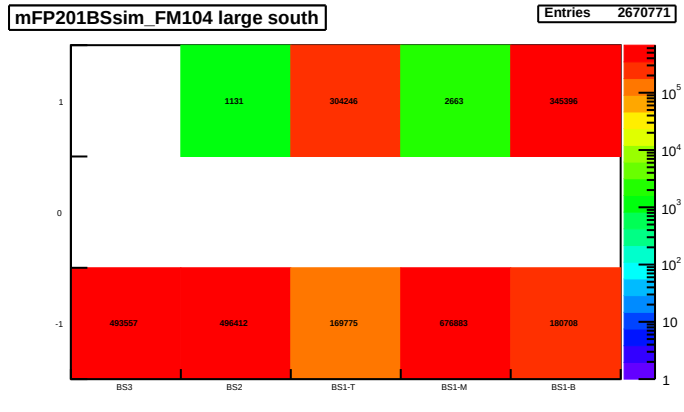

mFP201BS_FM102 small south
Entries 2.519579e+07
189307
285855
337164
269110
245216
4.84985e+06
4.7533e+06
4.70199e+06
4.77005e+06
4.79394e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

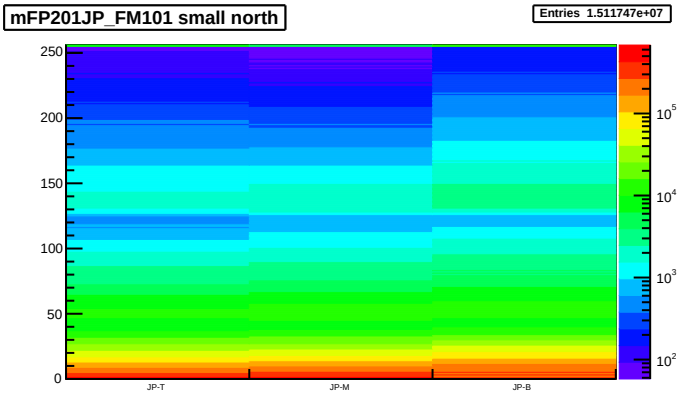

mFP201BSsim_FM102 small south
Entries 1888872
232
1108
1126
747
358665
364116
397571
359309
405998
BS3
BS2
BS1-T
BS1-M
BS1-B

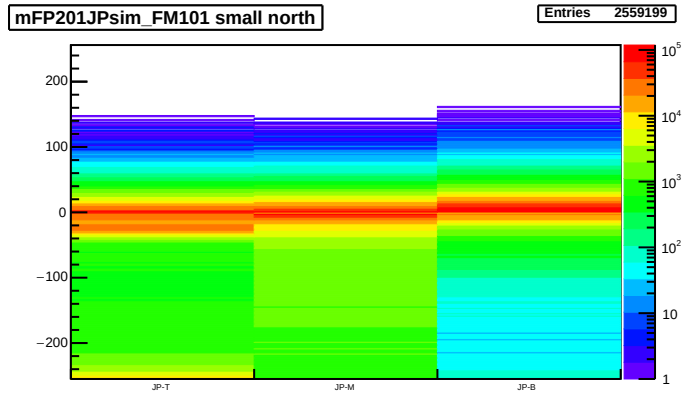

mFP201BS_FM103 large north
Entries 2.519579e+07
245462
534075
862739
996994
868534
4.7937e+06
4.50508e+06
4.17642e+06
4.04216e+06
4.17062e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

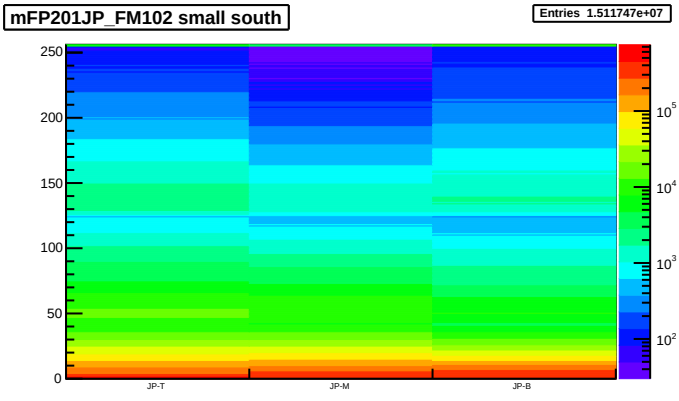

mFP201BSsim_FM103 large north
Entries 2692680
4
1284
384418
1630
406693
455401
467505
102147
722863
150735
BS3
BS2
BS1-T
BS1-M
BS1-B

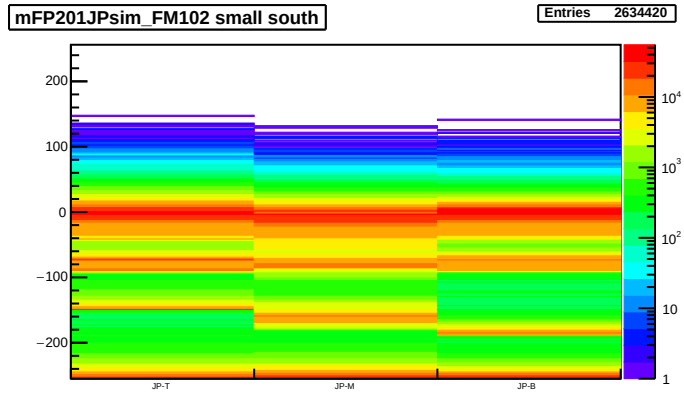

mFP201BS_FM104 large south
Entries 2.519579e+07
215195
480804
722371
1.0748e+06
808085
4.82396e+06
4.55835e+06
4.31679e+06
3.96436e+06
4.23107e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

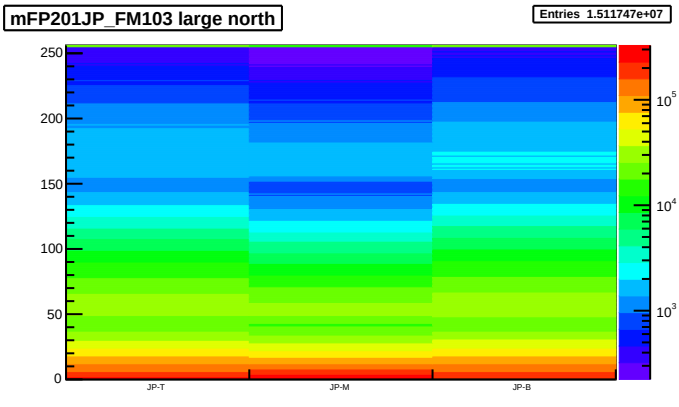

mFP201BSsim_FM104 large south
Entries 2670771
1131
304246
2663
345396
493557
496412
169775
676883
180708
BS3
BS2
BS1-T
BS1-M
BS1-B

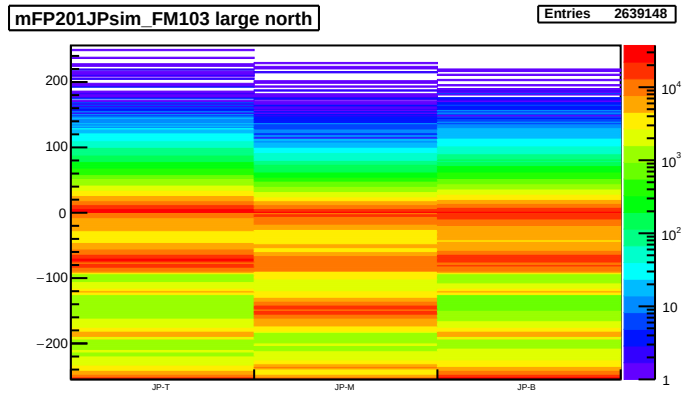

mFP201JP_FM101 small north
Entries 1.511747e+07
JP-T
JP-M
JP-B

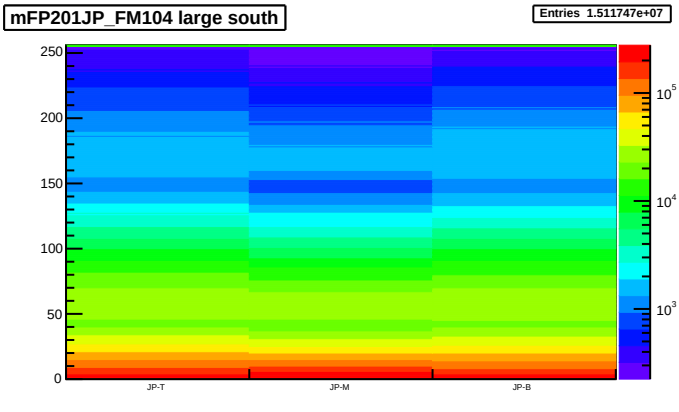

mFP201JPsim_FM101 small north
Entries 2559199
JP-T
JP-M
JP-B

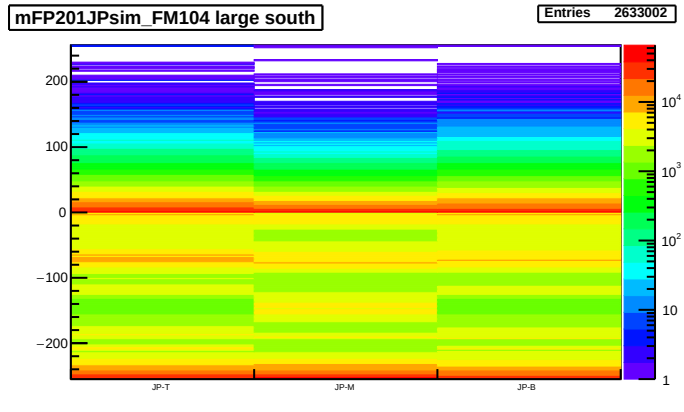

mFP201JP_FM102 small south
Entries 1.511747e+07
JP-T
JP-M
JP-B

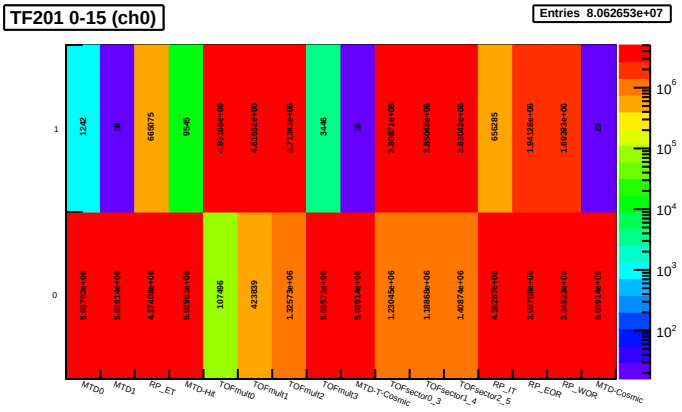

mFP201JPsim_FM102 small south
Entries 2634420
JP-T
JP-M
JP-B

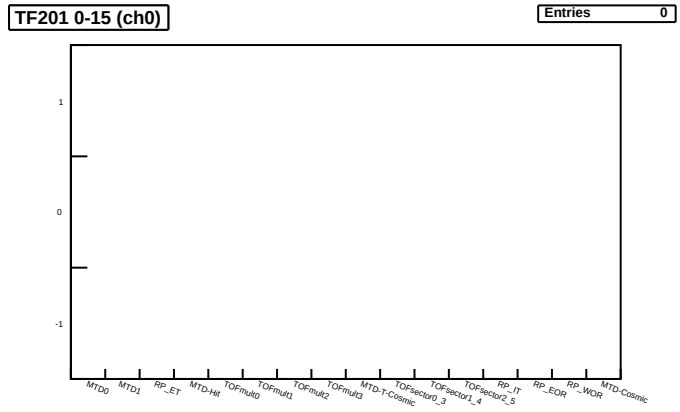

mFP201JP_FM103 large north
Entries 1.511747e+07
JP-T
JP-M
JP-B

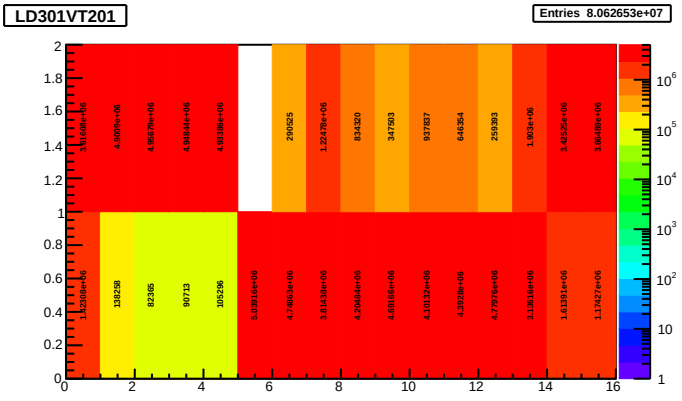

mFP201JPsim_FM103 large north
Entries 2639148
JP-T
JP-M
JP-B

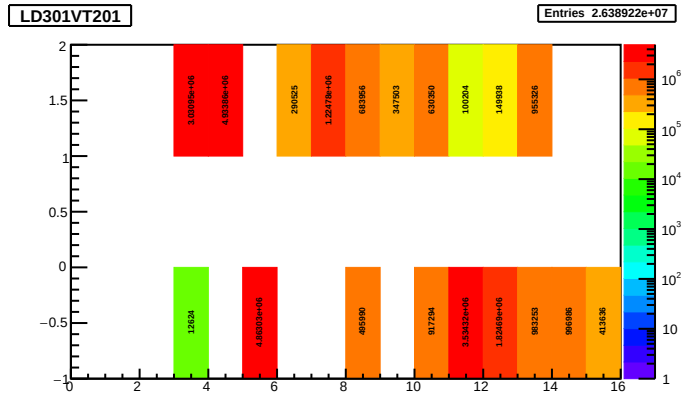

mFP201JP_FM104 large south
Entries 1.511747e+07
JP-T
JP-M
JP-B

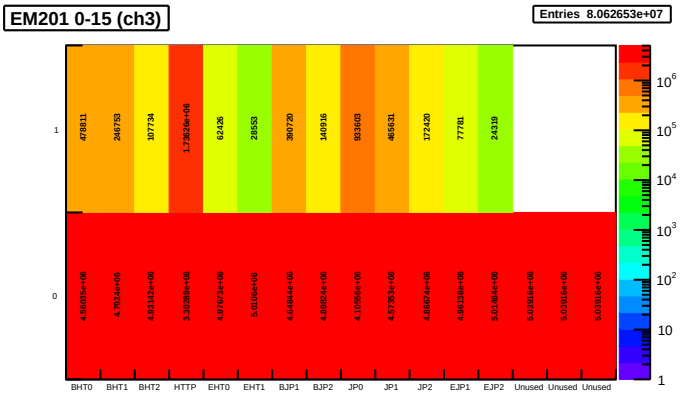

mFP201JPsim_FM104 large south
Entries 2633002
JP-T
JP-M
JP-B

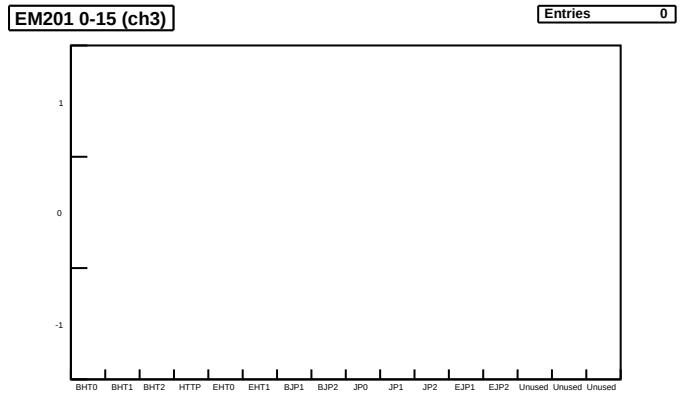

TF201 0-15 (ch0)
Entries 8.062653e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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 8.062653e+07


LD301VT201
Entries 2.638922e+07


EM201 0-15 (ch3)
Entries 8.062653e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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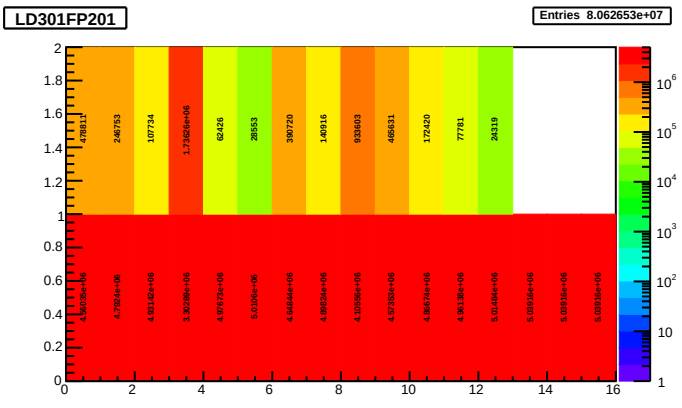
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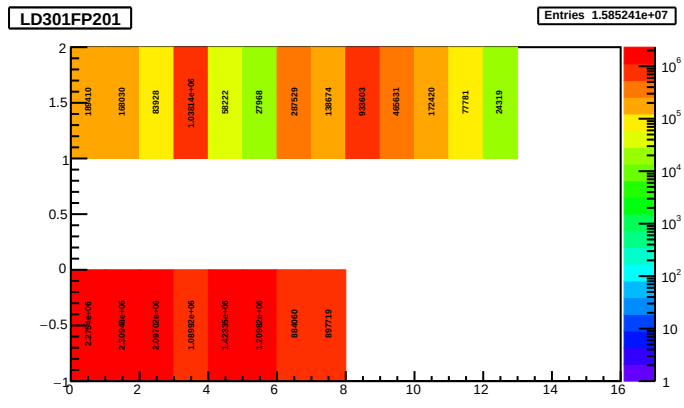
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