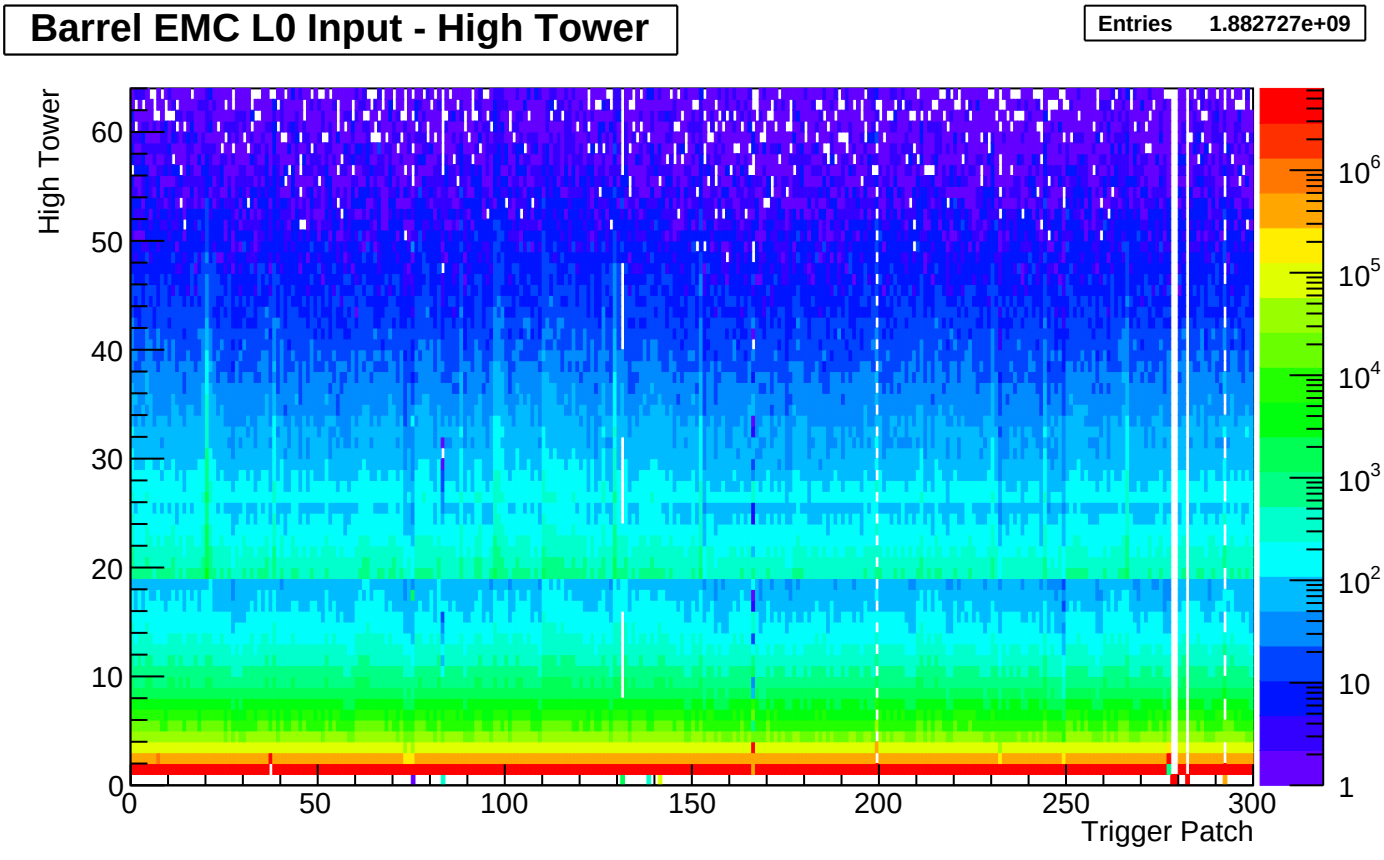
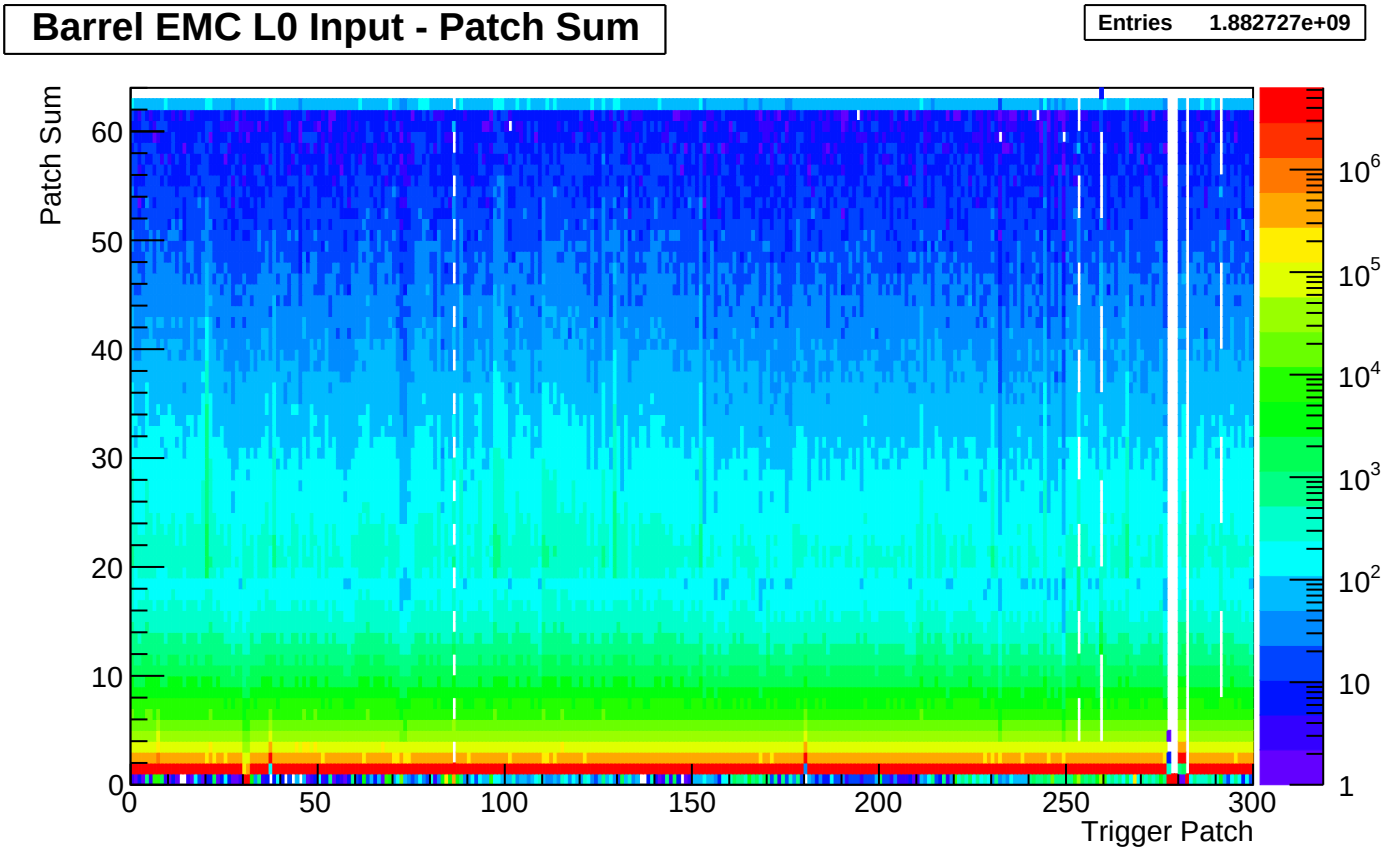
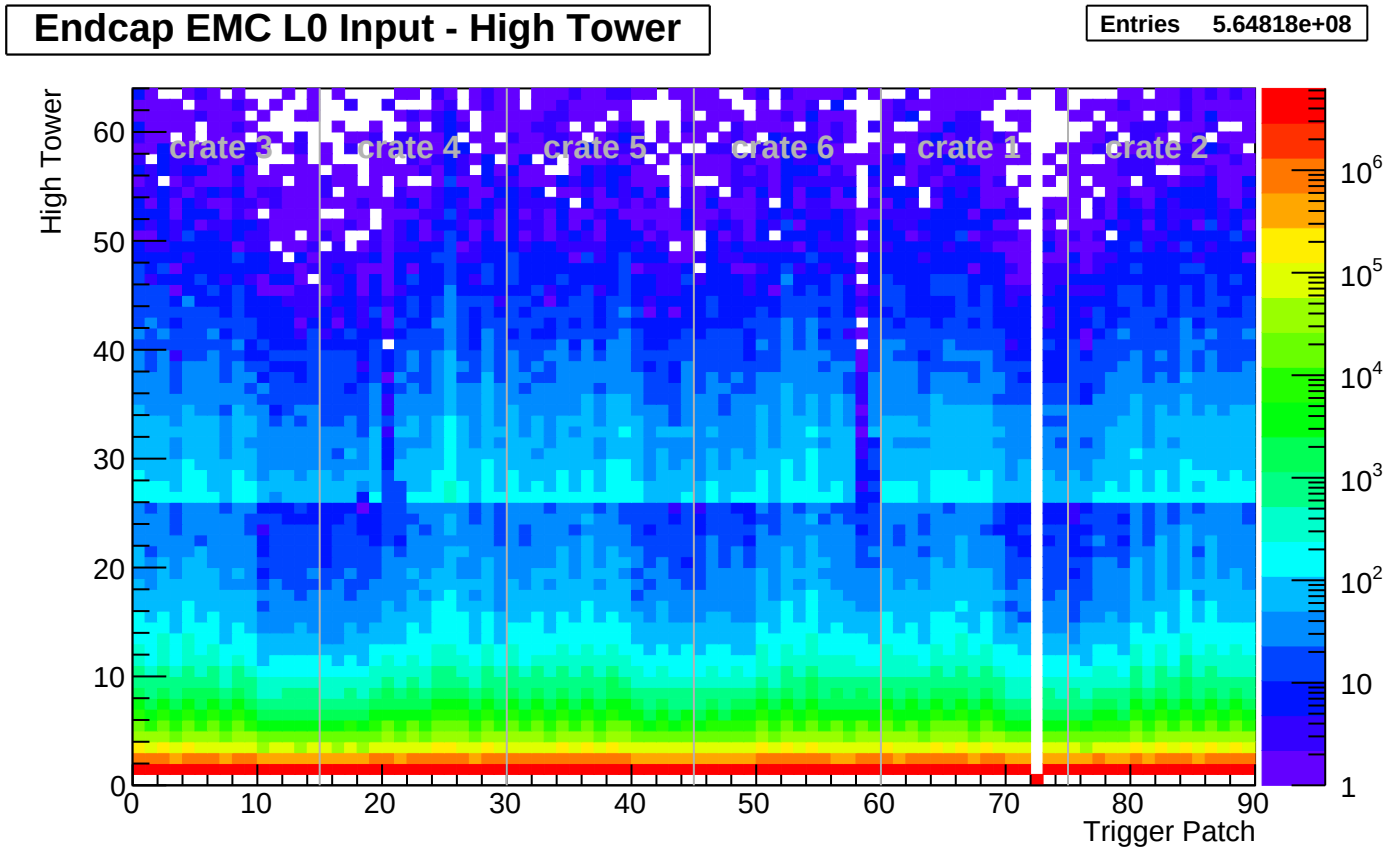
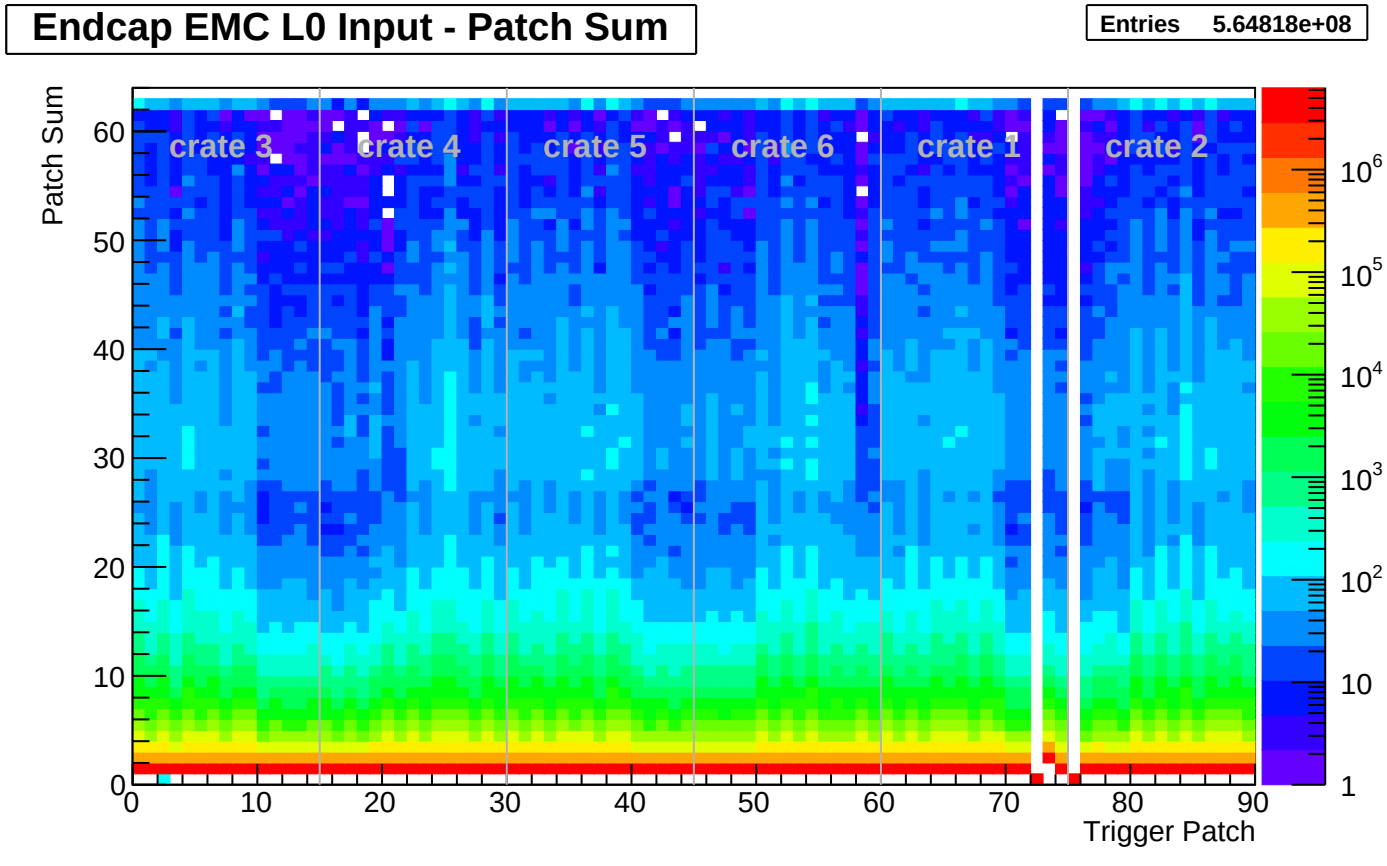
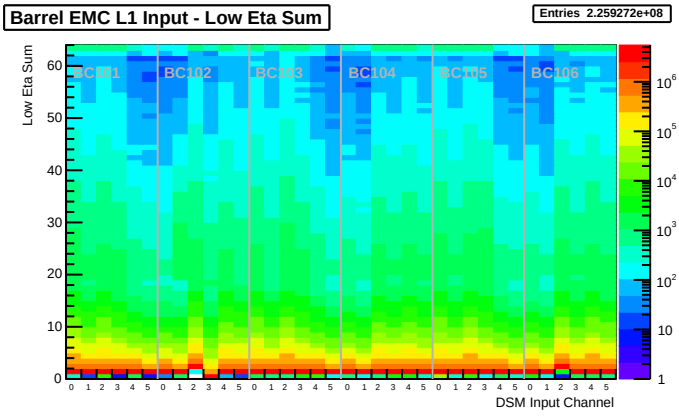
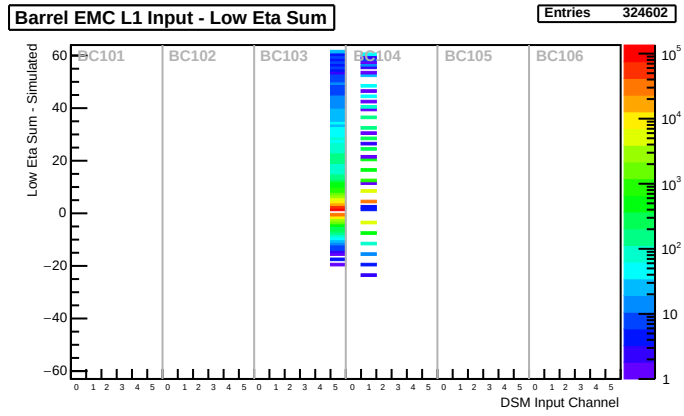

Barrel EMC L0 Input - High Tower
Entries 1.882727e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

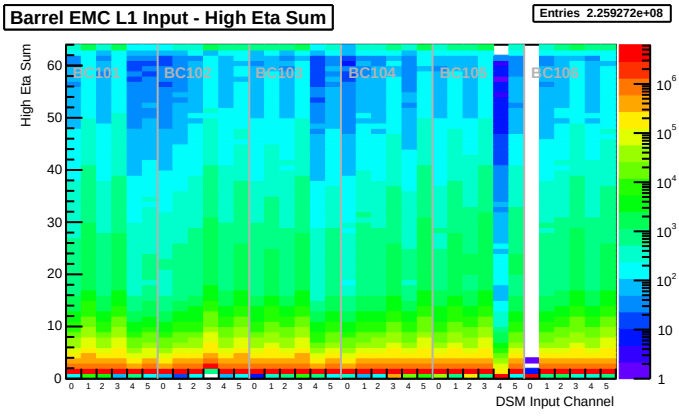

Barrel EMC L0 Input - Patch Sum
Entries 1.882727e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

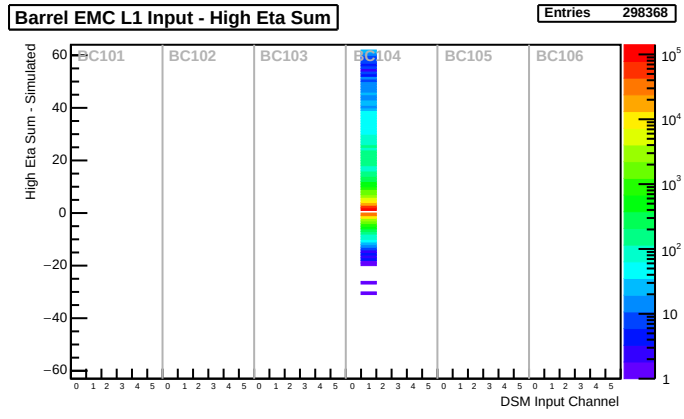

Endcap EMC L0 Input - High Tower
Entries 5.64818e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

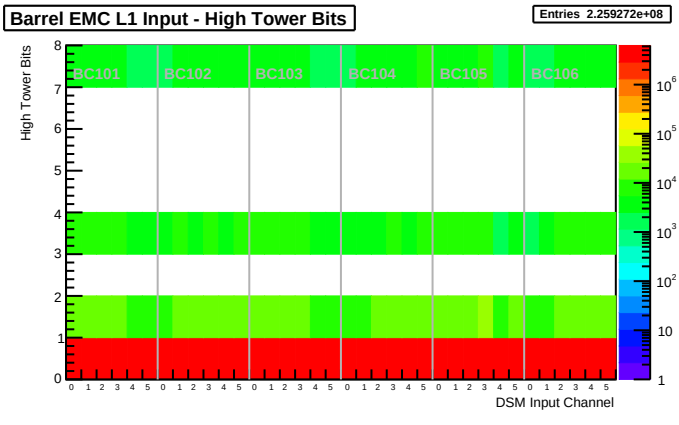

Endcap EMC L0 Input - Patch Sum
Entries 5.64818e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

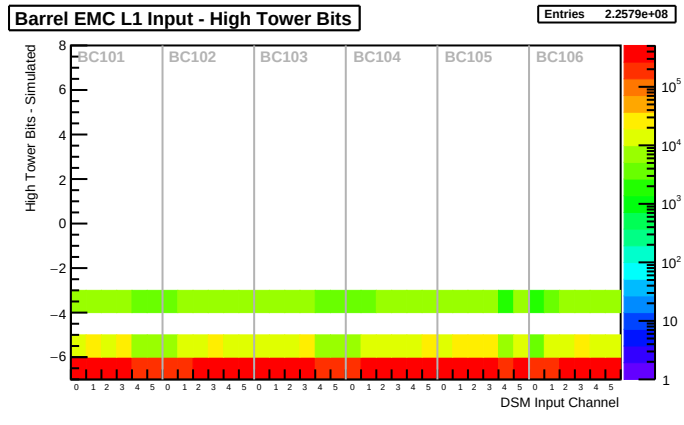

Barrel EMC L1 Input - Low Eta Sum
Entries 2.259272e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

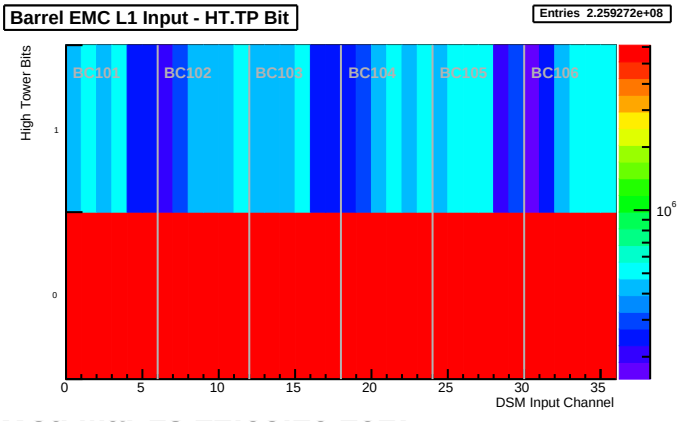

Barrel EMC L1 Input - Low Eta Sum
Entries 324602
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

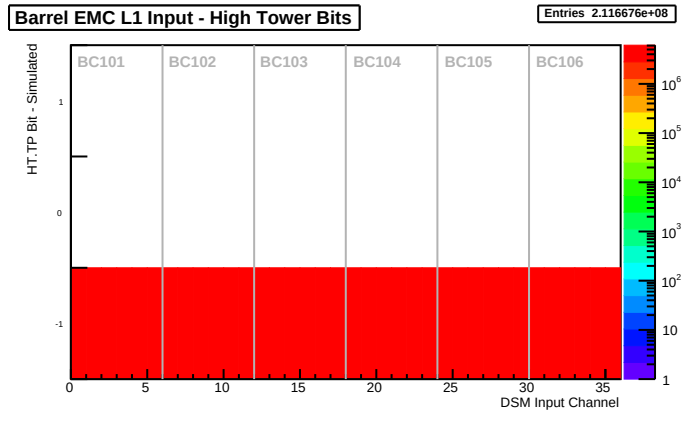

Barrel EMC L1 Input - High Eta Sum
Entries 2.259272e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

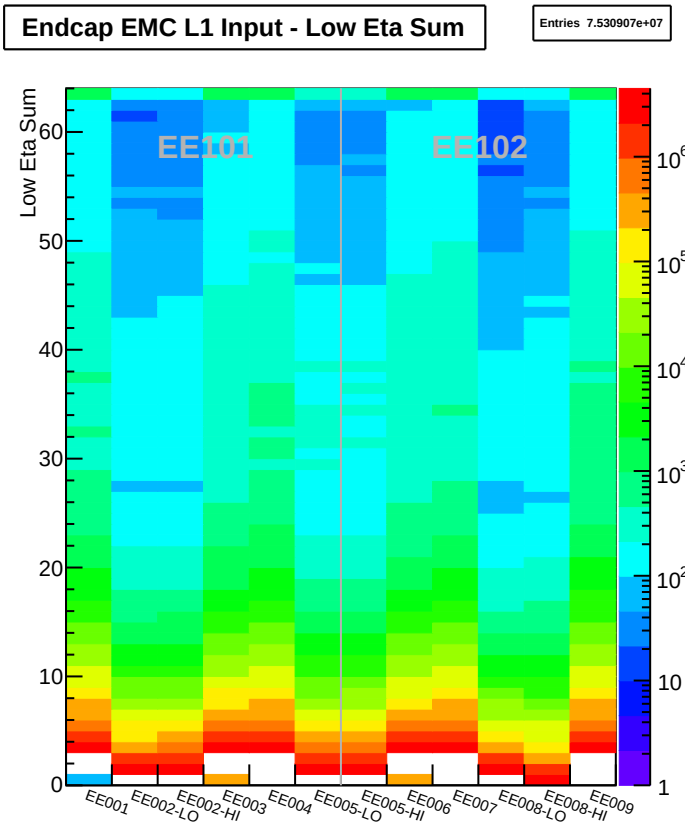

Barrel EMC L1 Input - High Eta Sum
Entries 298368
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

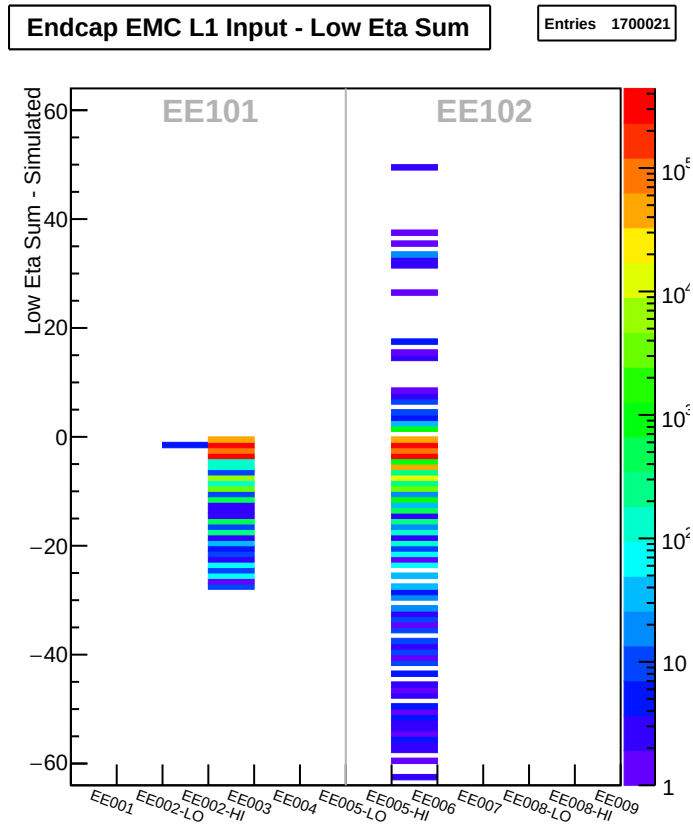

Barrel EMC L1 Input - High Tower Bits
Entries 2.259272e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

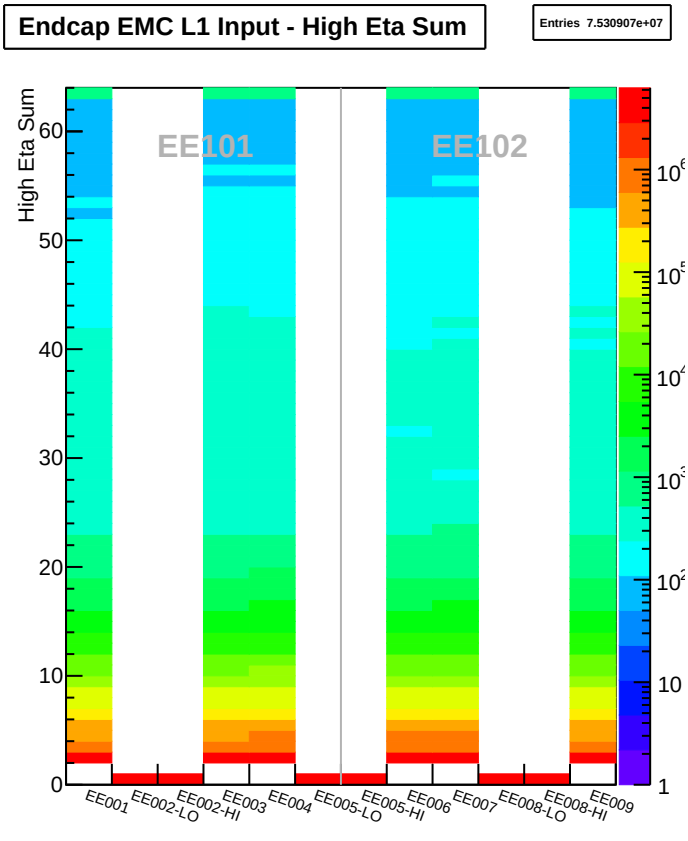

Barrel EMC L1 Input - High Tower Bits
Entries 2.2579e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

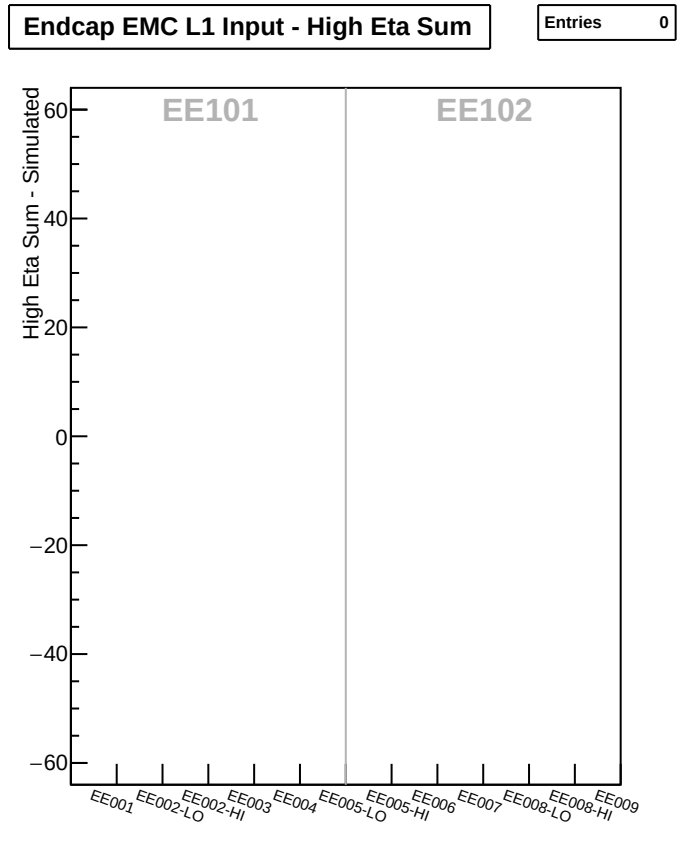

Barrel EMC L1 Input - HT.TP Bit
Entries 2.259272e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

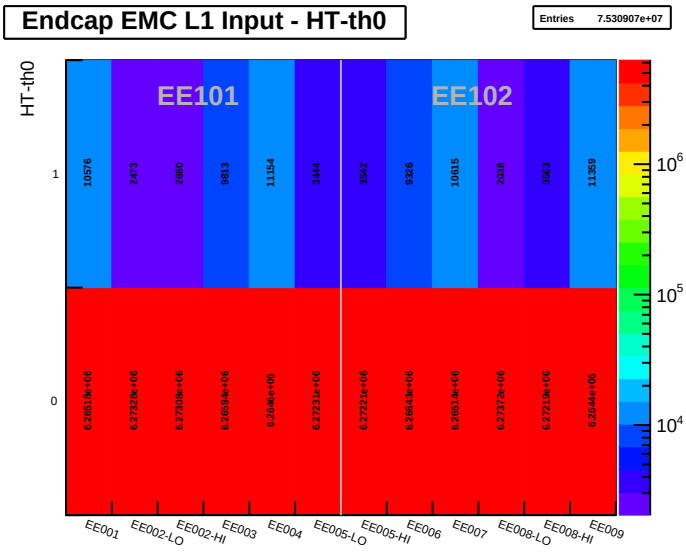

Barrel EMC L1 Input - High Tower Bits
Entries 2.116676e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

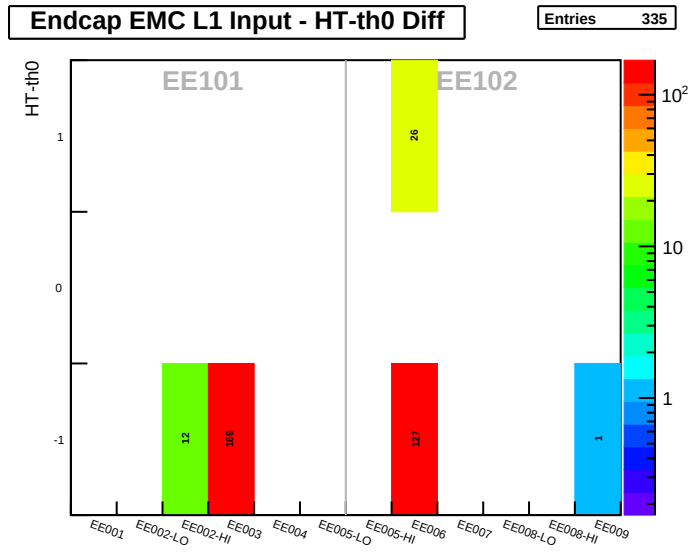

Endcap EMC L1 Input - Low Eta Sum
Entries 7.530907e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

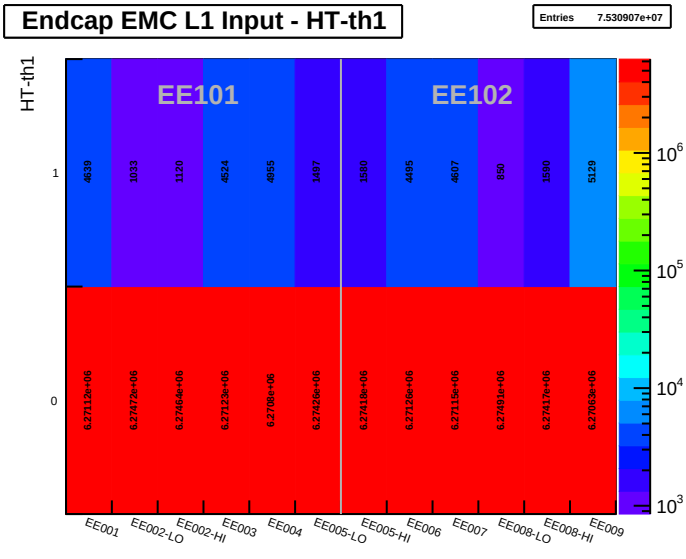

Endcap EMC L1 Input - Low Eta Sum
Entries 1700021
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

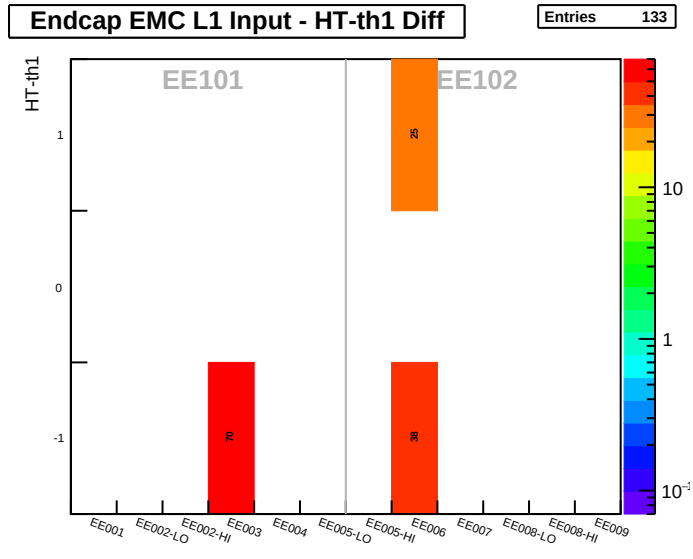

Endcap EMC L1 Input - High Eta Sum
Entries 7.530907e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

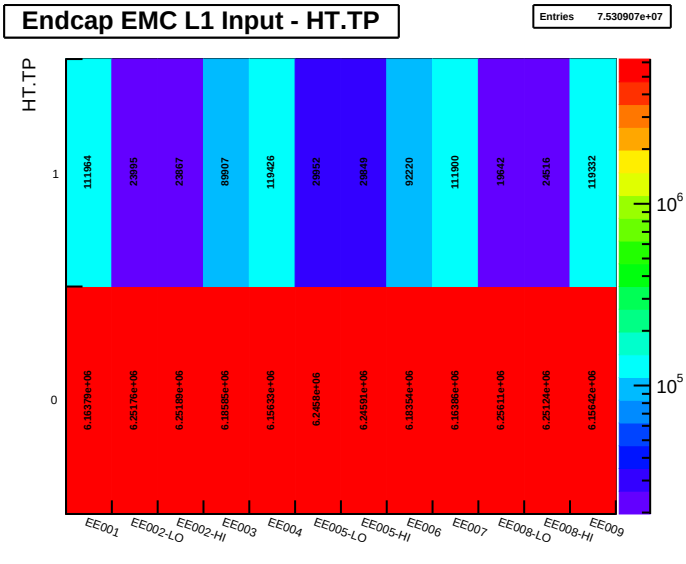

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

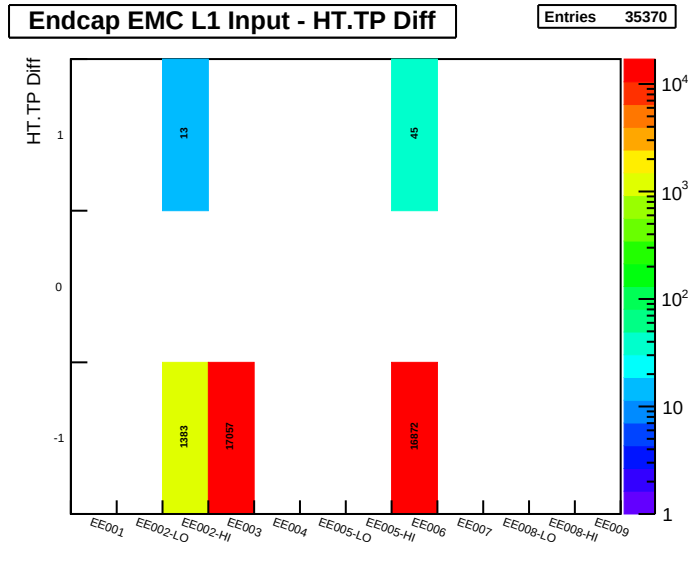

Endcap EMC L1 Input - HT-th0
Entries 7.530907e+07
HT-th0
EE101
EE102
10576
2473
2680
9813
11154
3444
3542
9326
10615
2038
3563
11359
6.26518e+06
6.27329e+06
6.27309e+06
6.26594e+06
6.2646e+06
6.27231e+06
6.27221e+06
6.26643e+06
6.26514e+06
6.27372e+06
6.27219e+06
6.2644e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

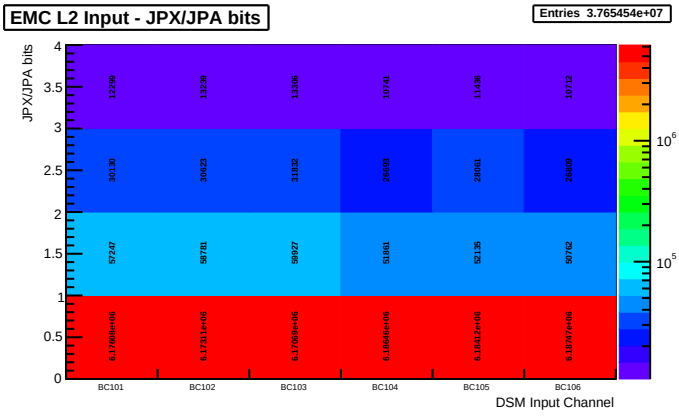

Endcap EMC L1 Input - HT-th0 Diff
Entries 335
HT-th0
EE101
EE102
26
12
169
127
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

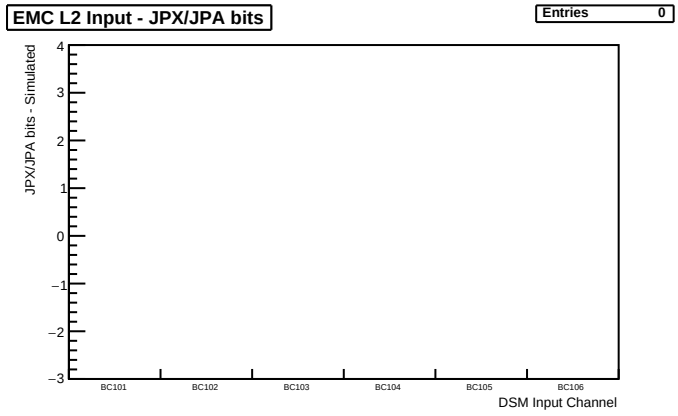

Endcap EMC L1 Input - HT-th1
Entries 7.530907e+07
HT-th1
EE101
EE102
4639
1033
1120
4524
4955
1497
1580
4495
4607
850
1590
5129
6.27112e+06
6.27472e+06
6.27464e+06
6.27123e+06
6.2708e+06
6.27426e+06
6.27418e+06
6.27126e+06
6.27115e+06
6.27491e+06
6.27417e+06
6.27063e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

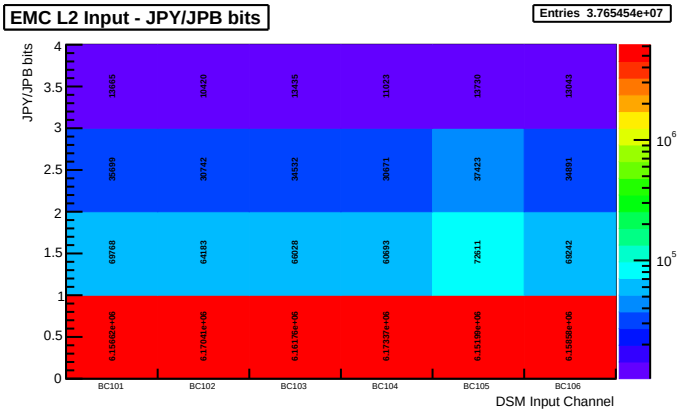

Endcap EMC L1 Input - HT-th1 Diff
Entries 133
HT-th1
EE101
EE102
25
70
38
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

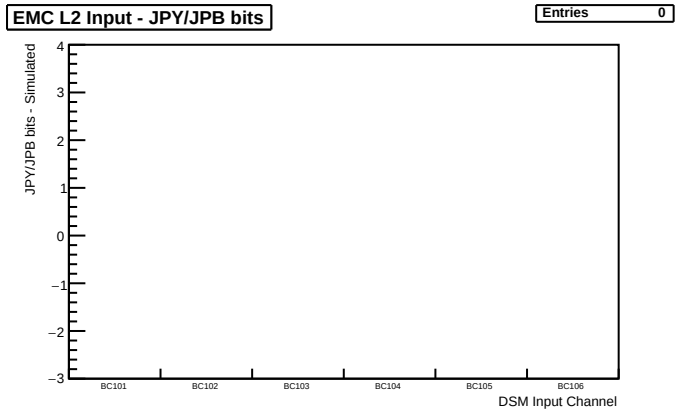

Endcap EMC L1 Input - HT.TP
Entries 7.530907e+07
HT.TP
111964
23995
23867
89907
119426
29952
28849
92220
111900
19642
24516
119332
6.16378e+06
6.25176e+06
6.25180e+06
6.19585e+06
6.15633e+06
6.2458e+06
6.26591e+06
6.18354e+06
6.16386e+06
6.25611e+06
6.25124e+06
6.15642e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

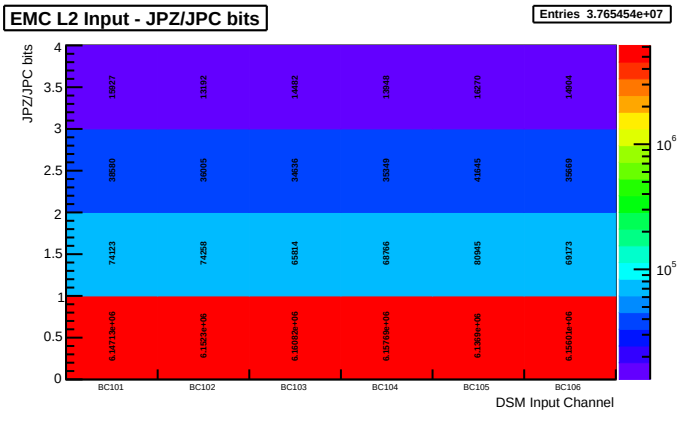

Endcap EMC L1 Input - HT.TP Diff
Entries 35370
HT.TP Diff
13
45
1383
17057
16872
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

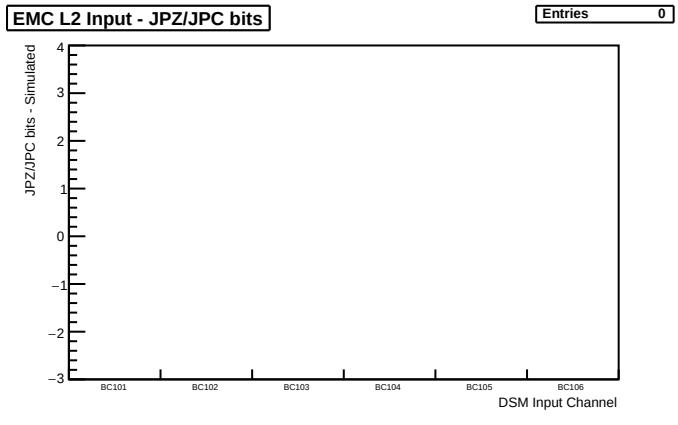

EMC L2 Input - JPX/JPA bits
Entries 3.765454e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12239
13239
13306
10741
11436
10712
30130
30623
31832
26693
28061
26809
57247
59781
59927
51861
52135
50762
6.17608e+06
6.17731e+06
6.17069e+06
6.18966e+06
6.18412e+06
6.18747e+06

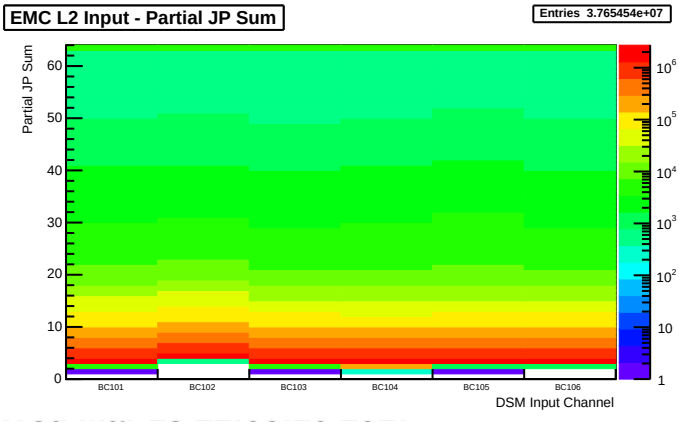

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

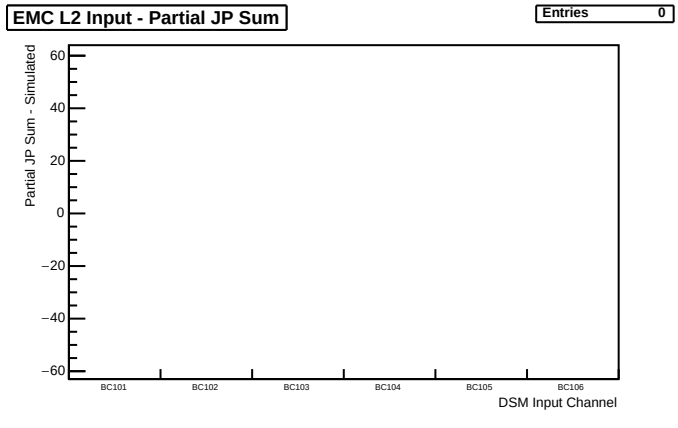

EMC L2 Input - JPY/JPB bits
Entries 3.765454e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13665
10420
13435
11023
13730
13043
35699
30742
34532
30671
37423
34891
69768
64183
66028
60693
72611
68242
6.15682e+06
6.17041e+06
6.16176e+06
6.17337e+06
6.15199e+06
6.15839e+06

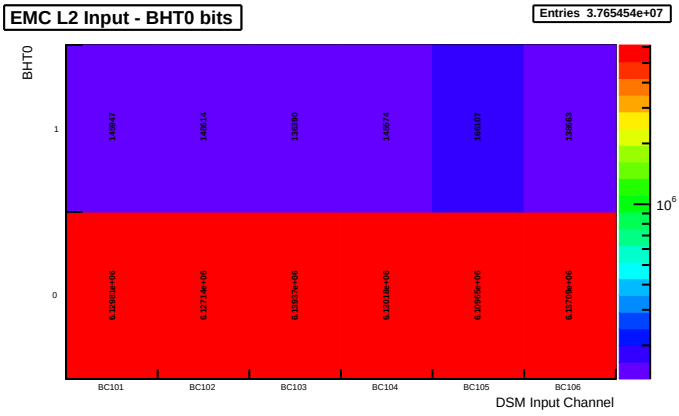

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

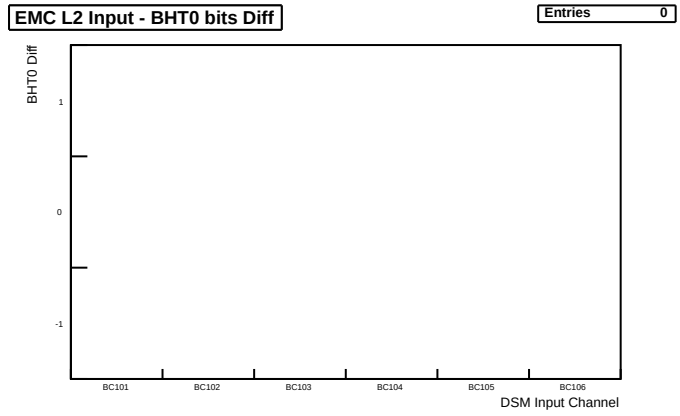

EMC L2 Input - JPZ/JPC bits
Entries 3.765454e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15827
13192
14482
13848
16270
14004
38580
36905
34636
35349
41545
35669
74123
74258
65814
68766
80945
69173
6.14713e+06
6.15234e+06
6.16092e+06
6.15709e+06
6.13034e+06
6.15601e+06

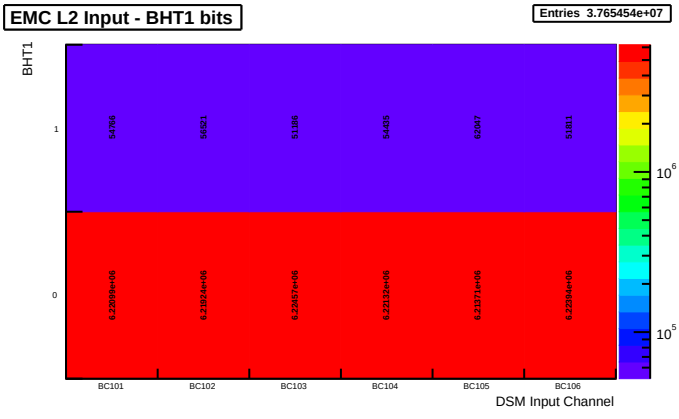

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

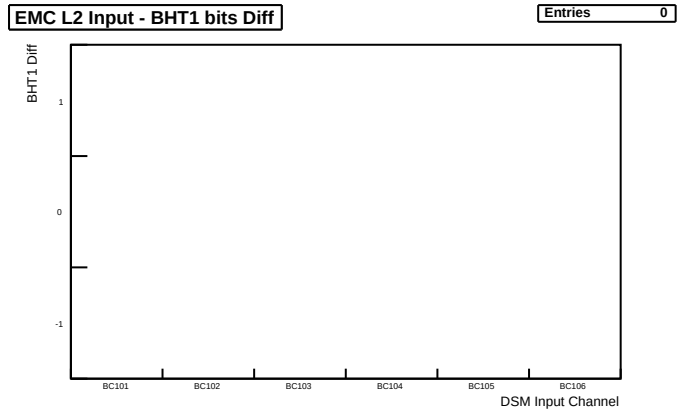

EMC L2 Input - Partial JP Sum
Entries 3.765454e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

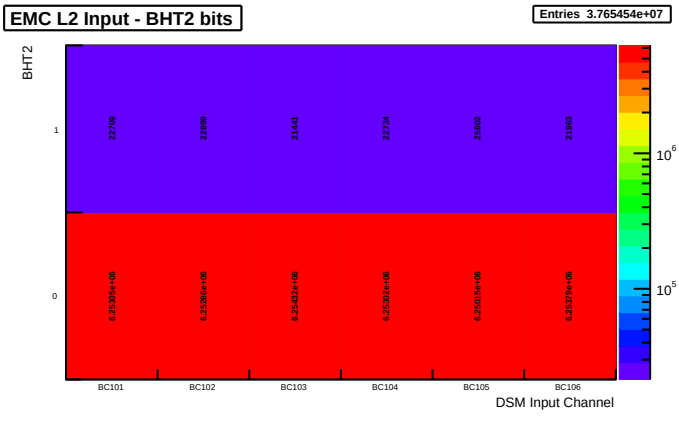

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

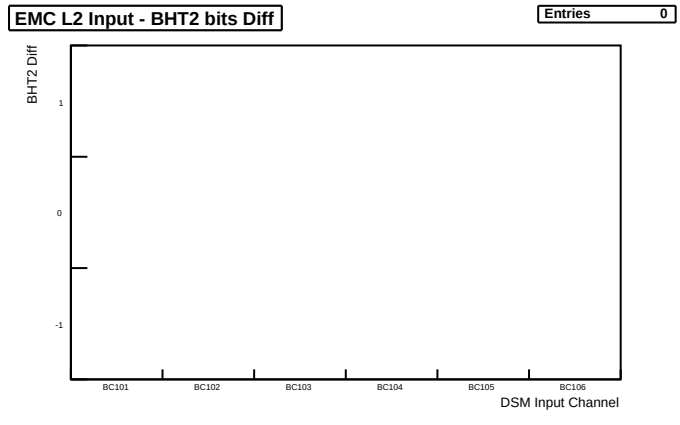

EMC L2 Input - BHT0 bits
Entries 3.765454e+07
BHT0
1
0
145947
148514
138390
145574
166107
138663
6.12981e+06
6.12714e+06
6.13937e+06
6.13018e+06
6.12965e+06
6.13709e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

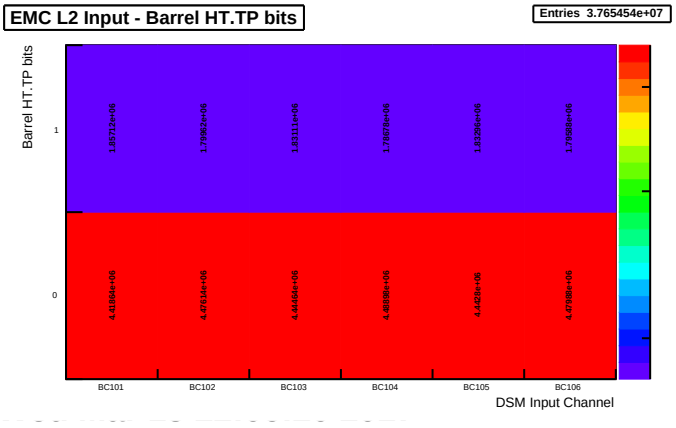

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

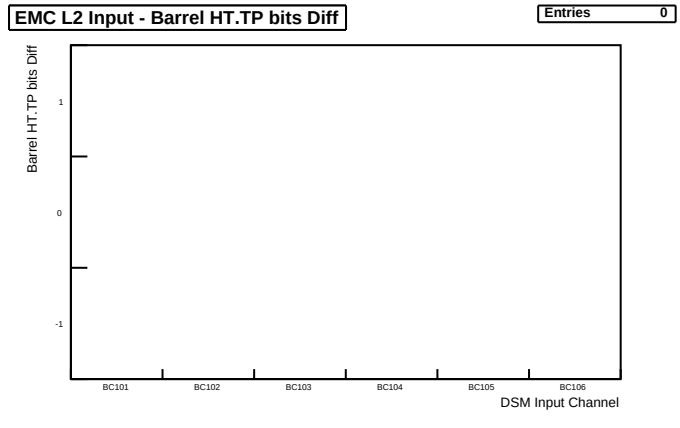

EMC L2 Input - BHT1 bits
Entries 3.765454e+07
BHT1
1
0
54766
56521
51186
54435
62047
51811
6.22599e+06
6.21924e+06
6.22657e+06
6.22132e+06
6.21571e+06
6.22204e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

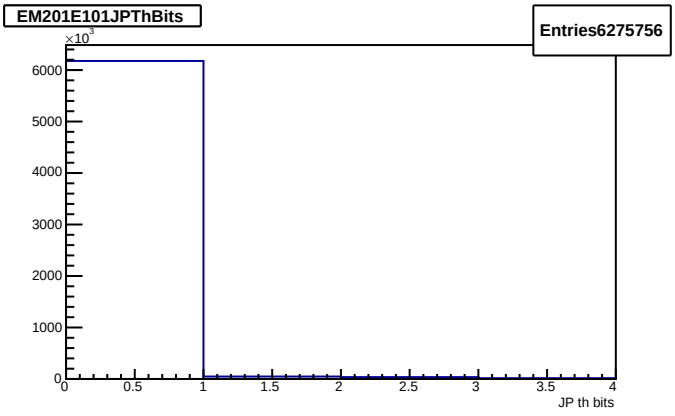

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

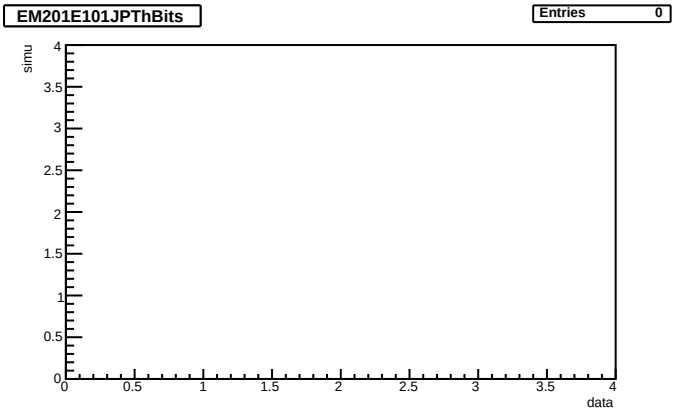

EMC L2 Input - BHT2 bits
Entries 3.765454e+07
BHT2
1
0
22709
22399
21441
22734
25602
21663
6.25305e+06
6.25285e+06
6.25432e+06
6.25322e+06
6.25015e+06
6.25378e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

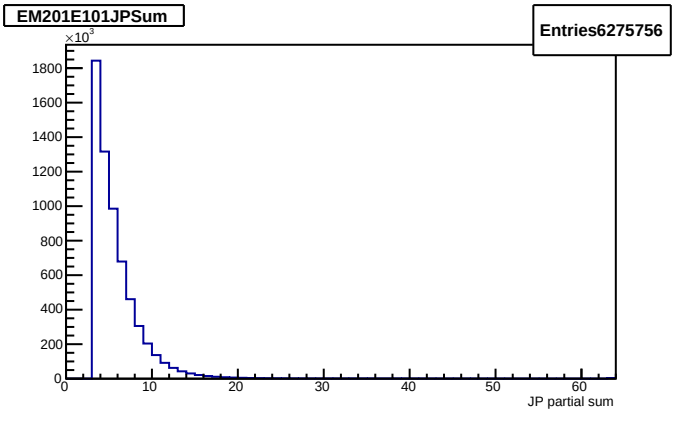

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

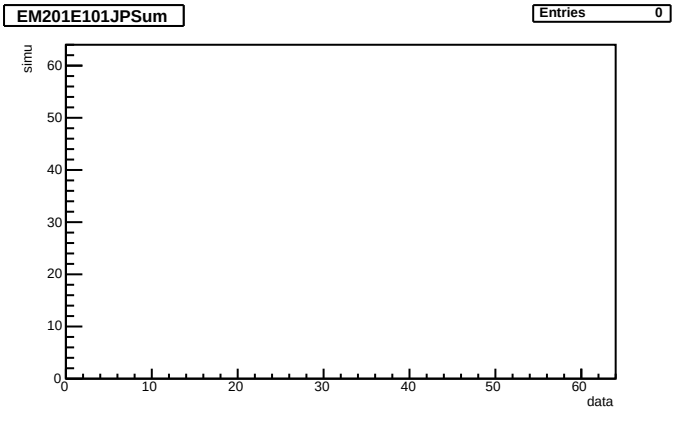

EMC L2 Input - Barrel HT.TP bits
Entries 3.765454e+07
Barrel HT.TP bits
1
0
1.83712e+06
1.79952e+06
1.83111e+06
1.78078e+06
1.83296e+06
1.79388e+06
4.41364e+06
4.47514e+06
4.44464e+06
4.48398e+06
4.4428e+06
4.47088e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

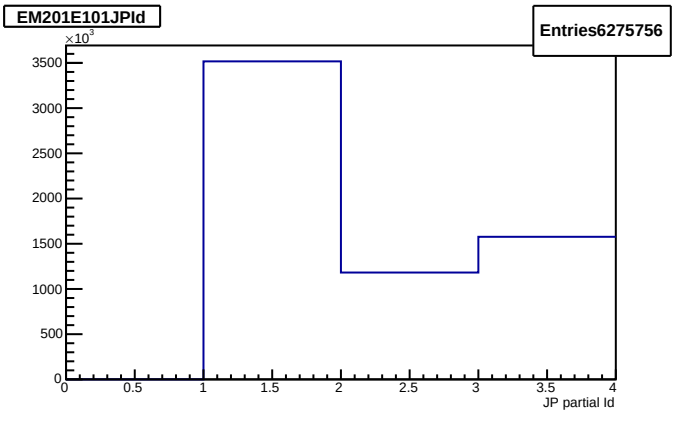

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

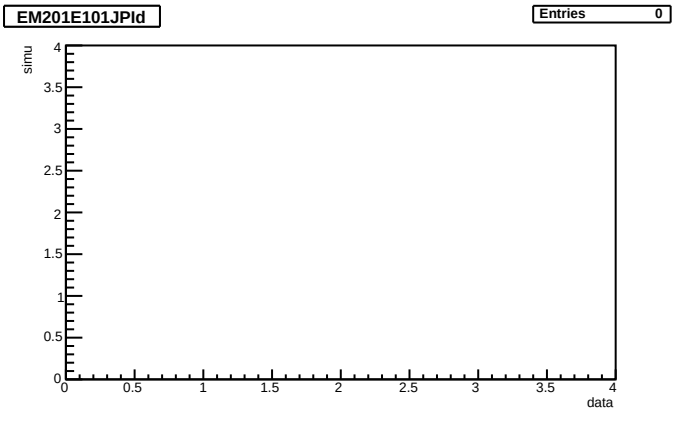

EM201E101JPThBits
Entries6275756
×10^3
JP th bits

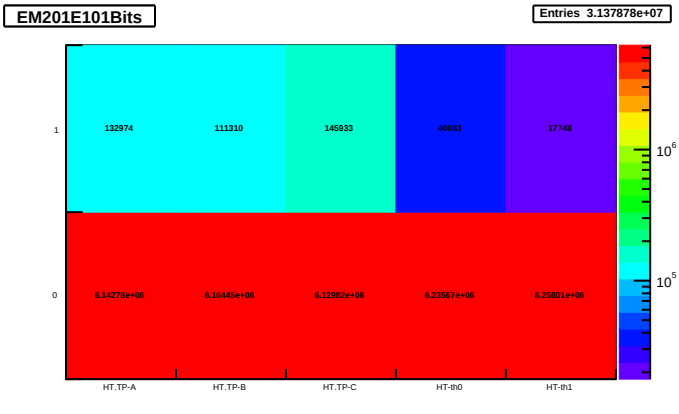

EM201E101JPThBits
Entries 0
simu
data

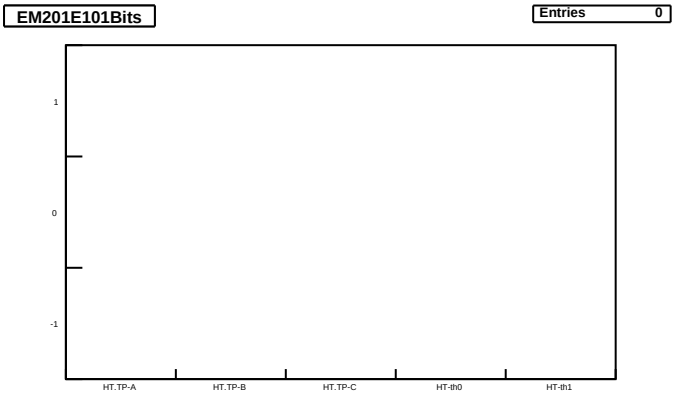

EM201E101JPSum
Entries6275756
×10^3
JP partial sum

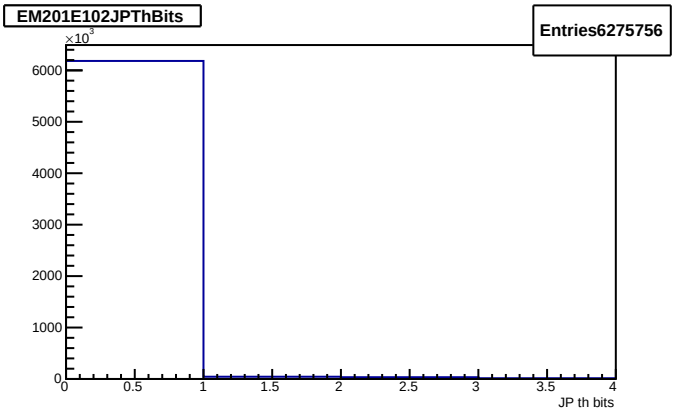

EM201E101JPSum
Entries 0
simu
data

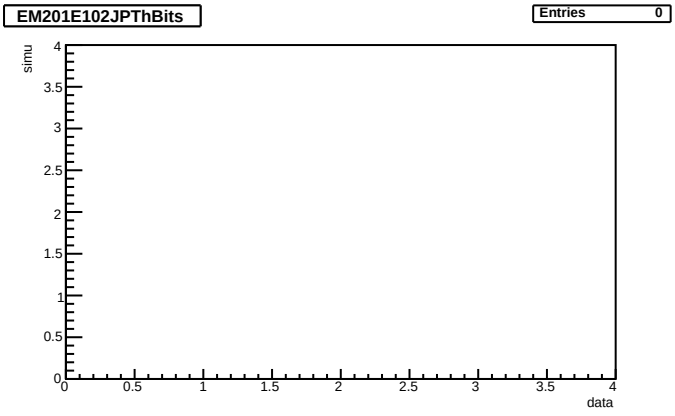

EM201E101JPId
Entries6275756
×10^3
JP partial Id

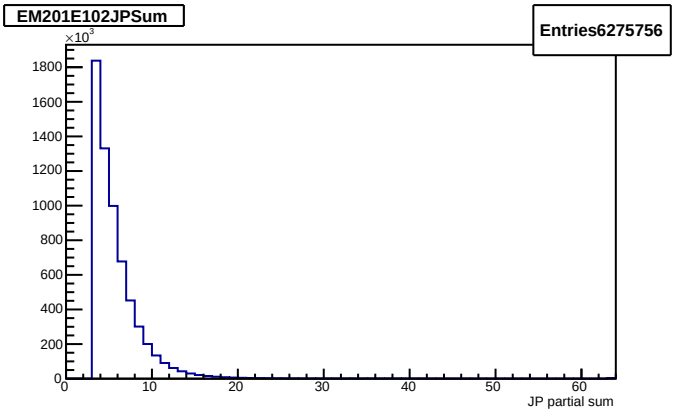

EM201E101JPId
Entries 0
simu
data

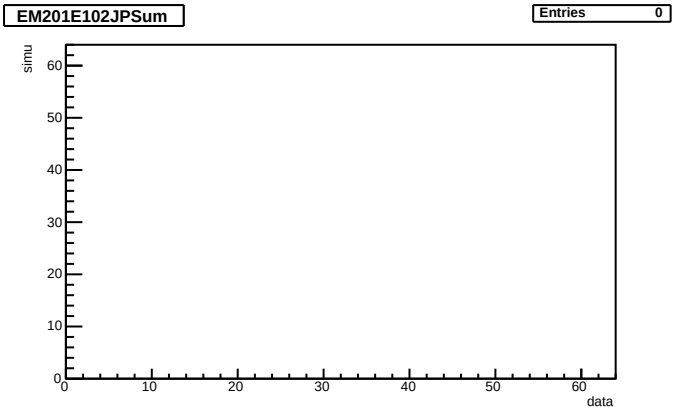

EM201E101Bits
Entries 3.137878e+07
132974
111310
145933
40083
17748
6.14278e+06
6.16445e+06
6.12982e+06
6.23567e+06
6.25801e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

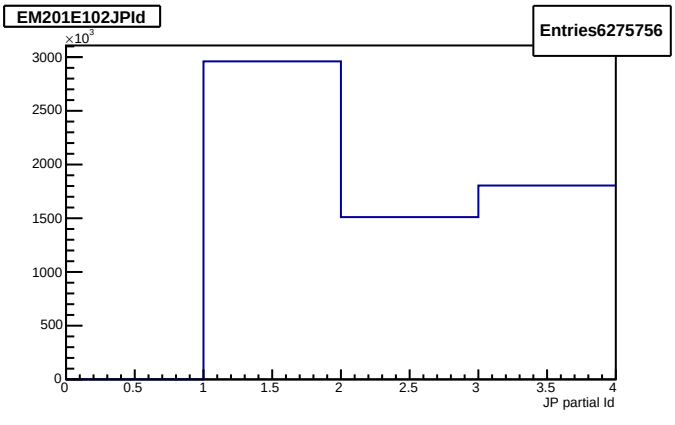

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

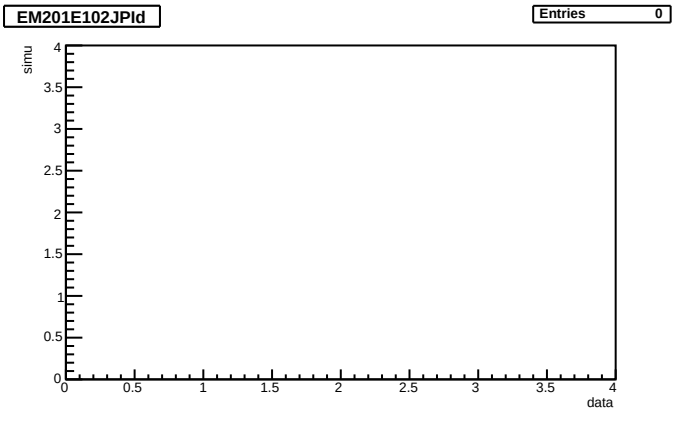

EM201E102JPThBits
Entries6275756
×10^3
JP th bits

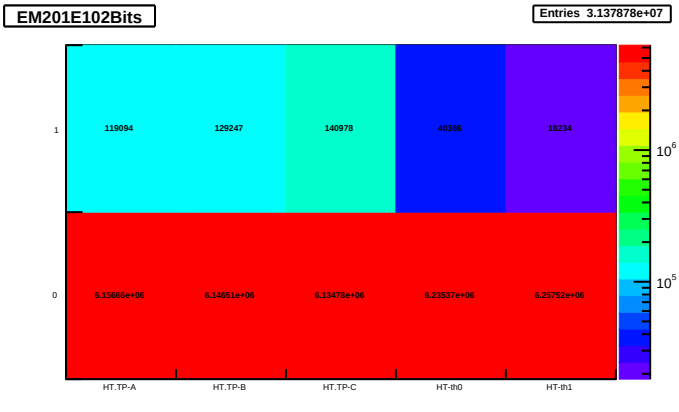

EM201E102JPThBits
Entries 0
simu
data

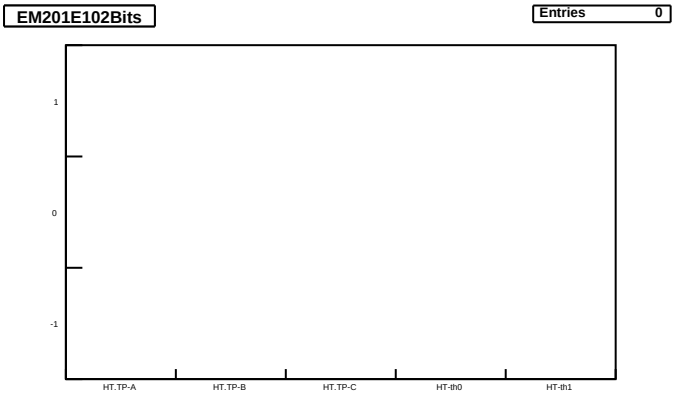

EM201E102JPSum
Entries6275756
×10^3
JP partial sum

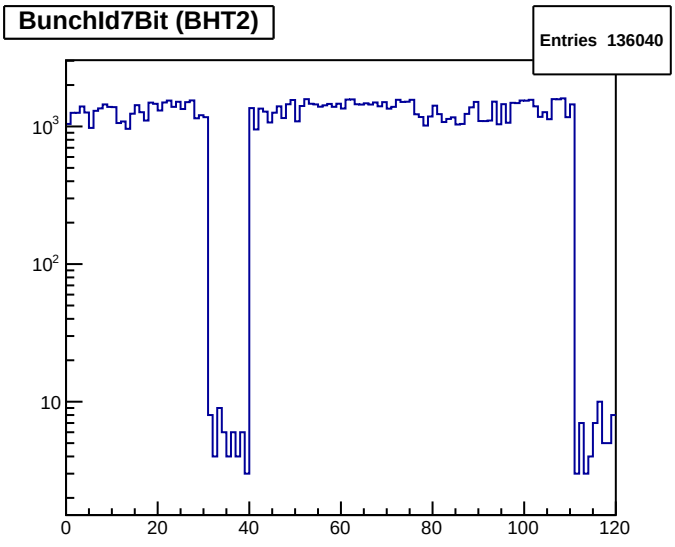

EM201E102JPSum
Entries 0
simu
data

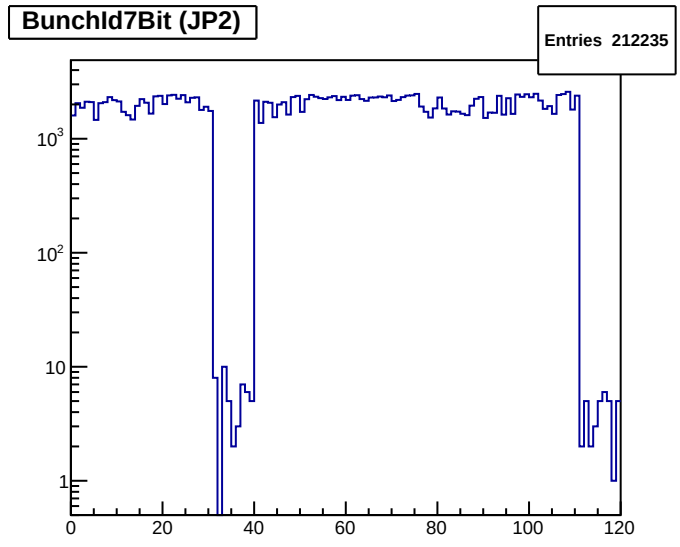

EM201E102JPId
Entries6275756
×10^3
JP partial Id

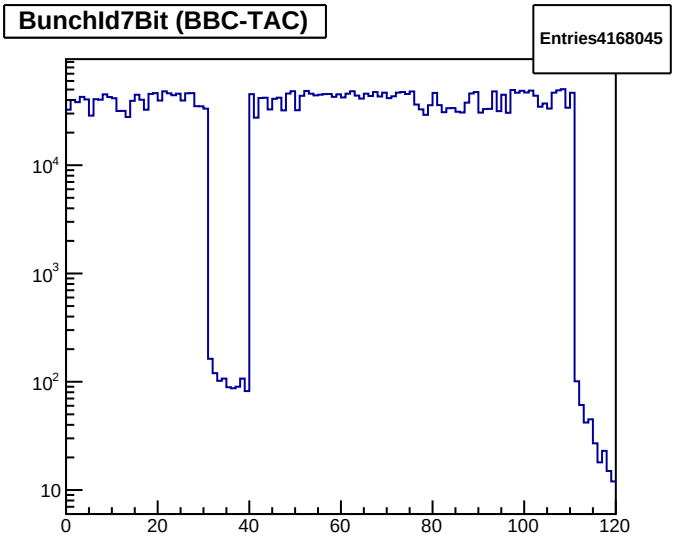

EM201E102JPId
Entries 0
simu
data

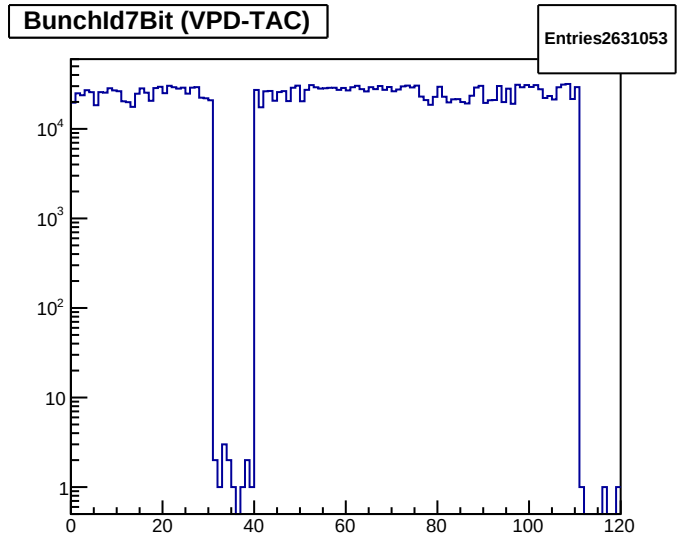

EM201E102Bits
Entries 3.137878e+07
119094
129247
140978
40386
18234
6.15666e+06
6.14651e+06
6.13478e+06
6.23537e+06
6.25752e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

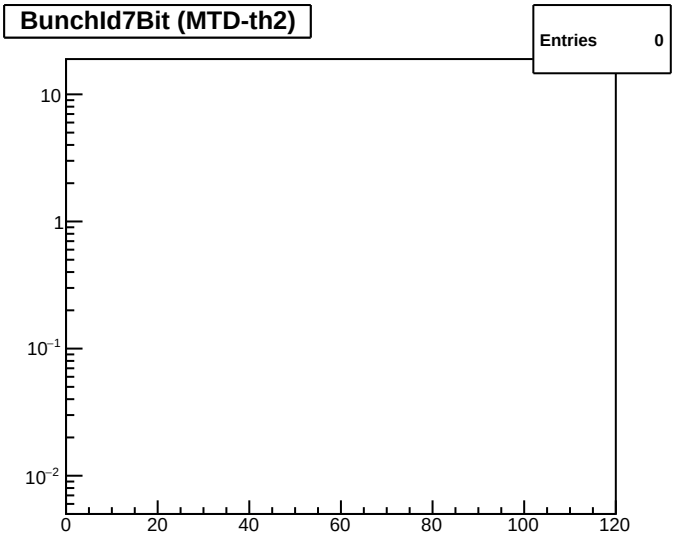

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

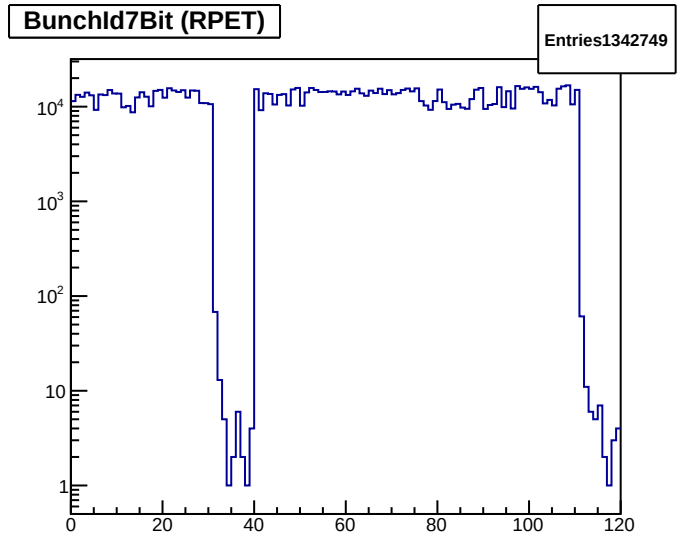

BunchId7Bit (BHT2)
Entries 136040

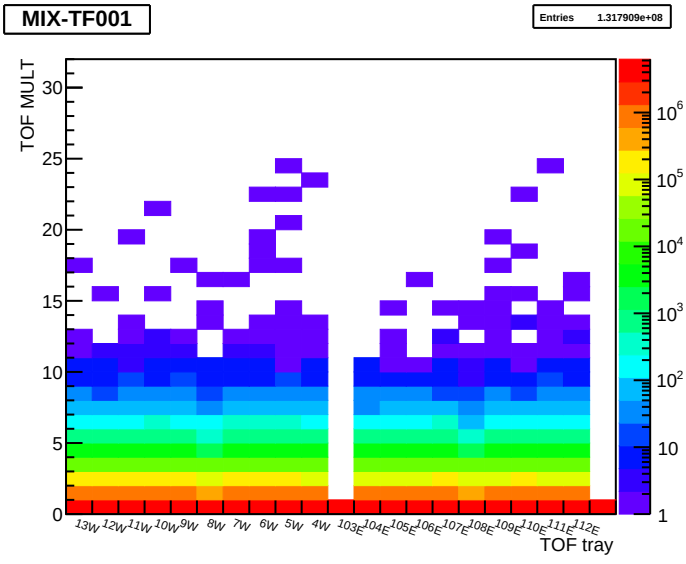

BunchId7Bit (JP2)
Entries 212235

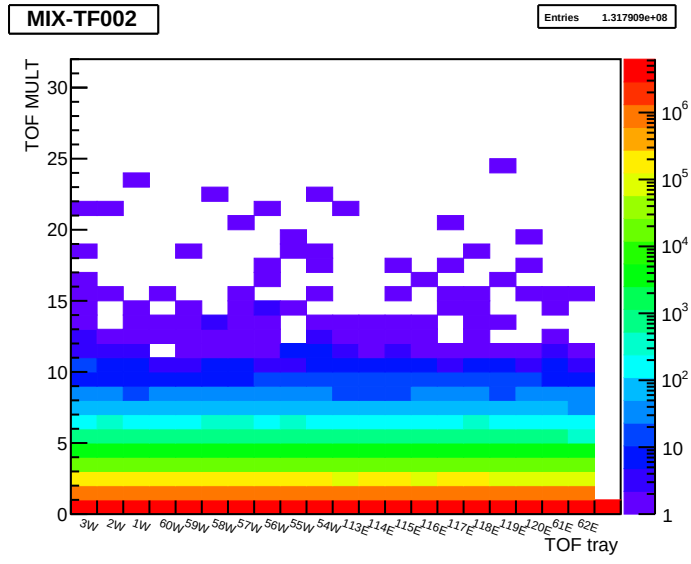

BunchId7Bit (BBC-TAC)
Entries4168045

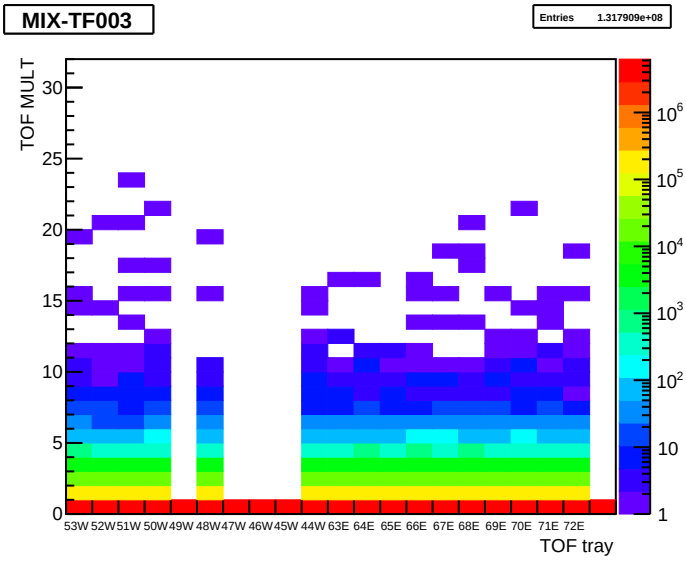

BunchId7Bit (VPD-TAC)
Entries2631053

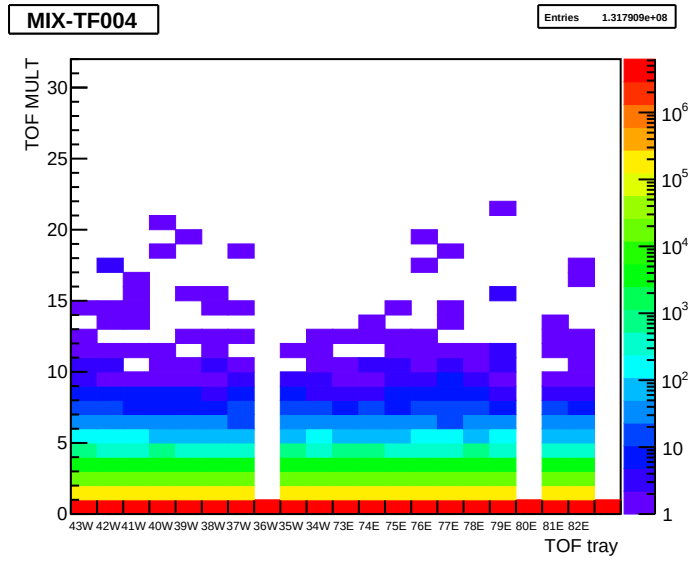

BunchId7Bit (MTD-th2)
Entries 0

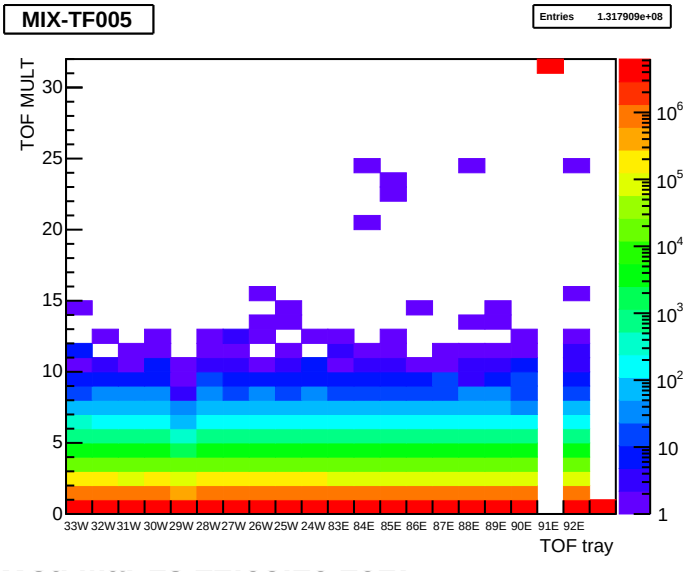

BunchId7Bit (RPET)
Entries1342749

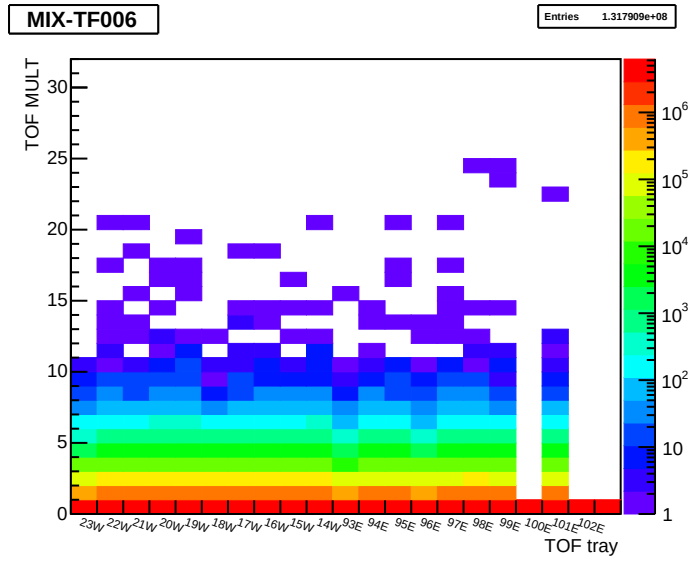

MIX-TF001
Entries 1.317909e+08
TOF MULT
TOF tray

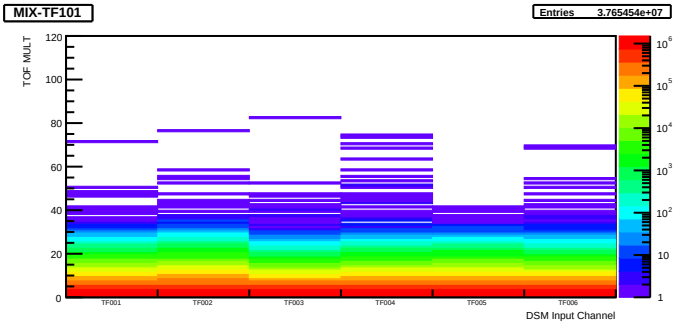

MIX-TF002
Entries 1.317909e+08
TOF MULT
TOF tray

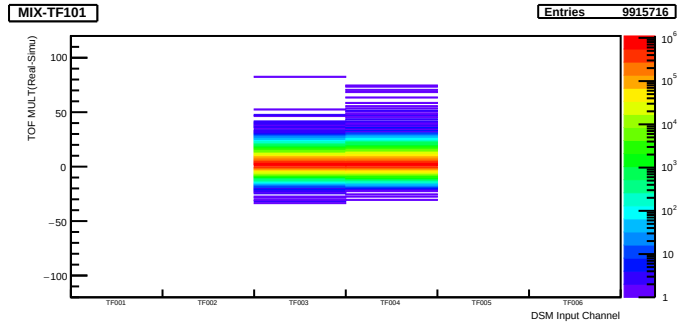

MIX-TF003
Entries 1.317909e+08
TOF MULT
TOF tray

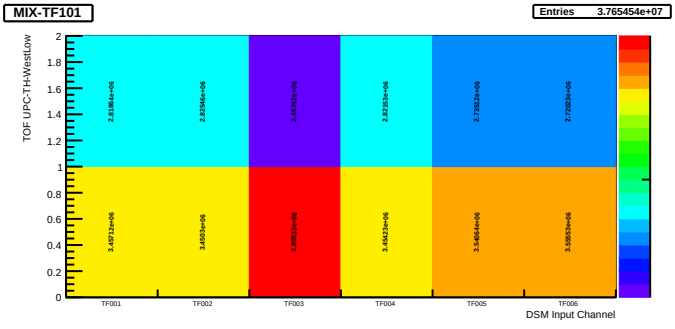

MIX-TF004
Entries 1.317909e+08
TOF MULT
TOF tray

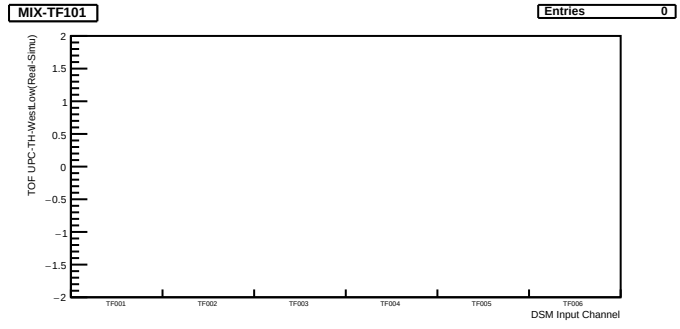

MIX-TF005
Entries 1.317909e+08
TOF MULT
TOF tray

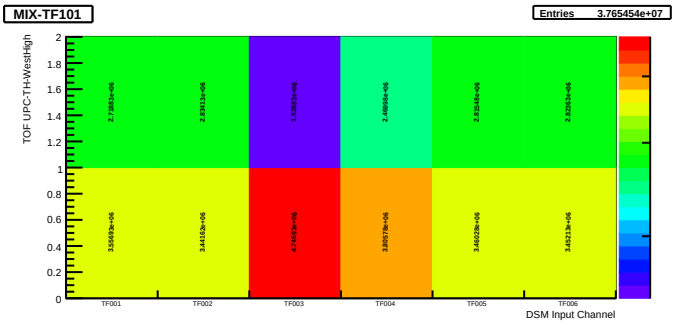

MIX-TF006
Entries 1.317909e+08
TOF MULT
TOF tray

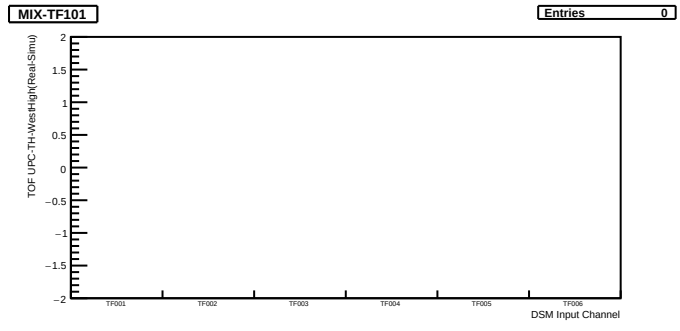

MIX-TF101
Entries 3.765454e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

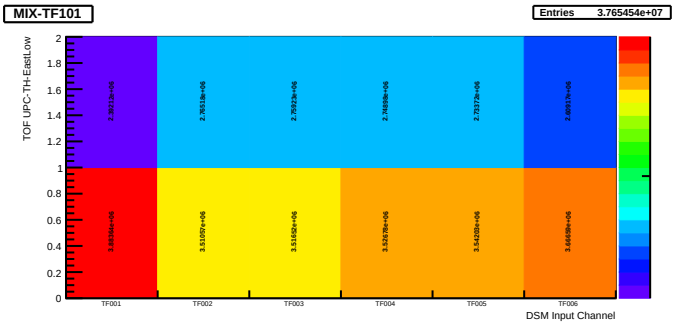

MIX-TF101
Entries 9915716
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

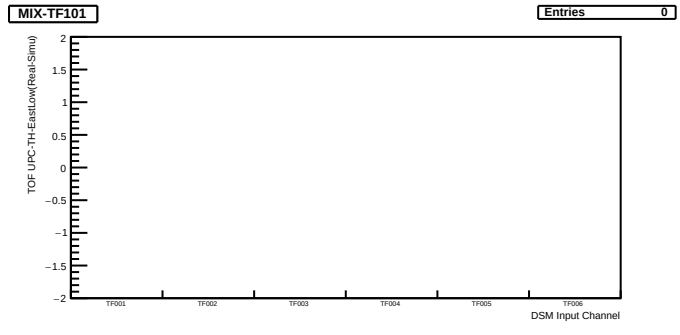

MIX-TF101
Entries 3.765454e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

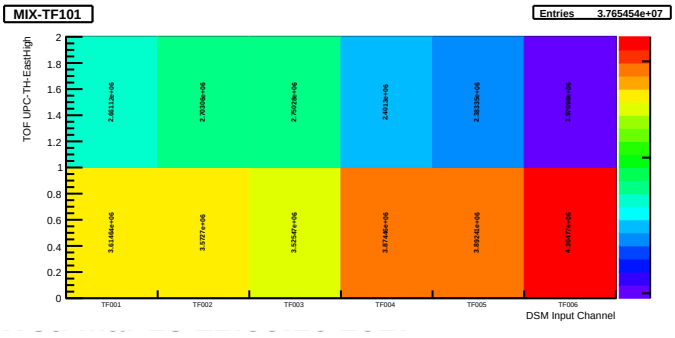

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

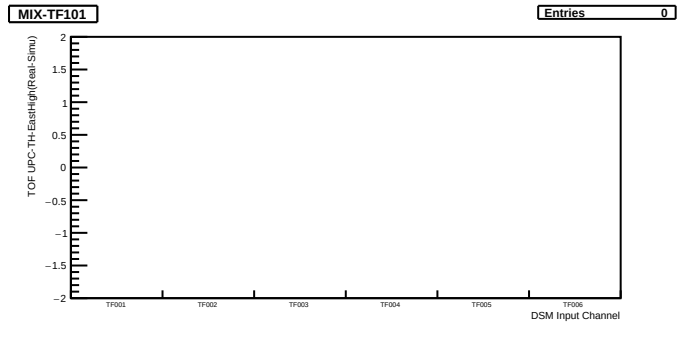

MIX-TF101
Entries 3.765454e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

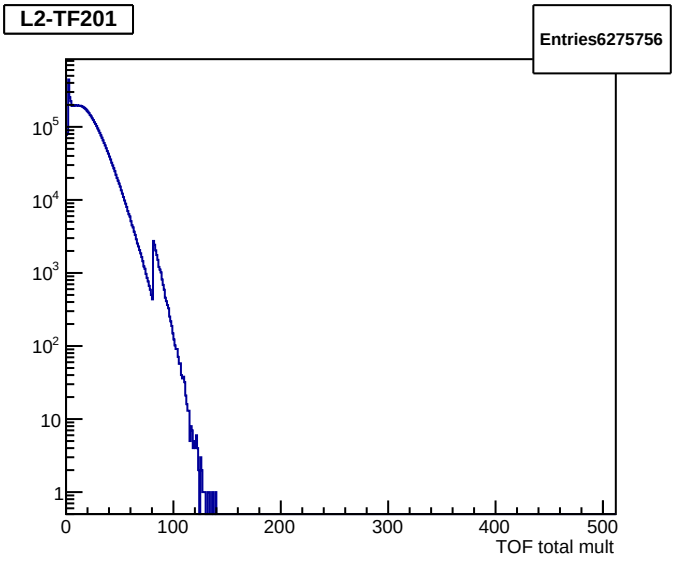

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

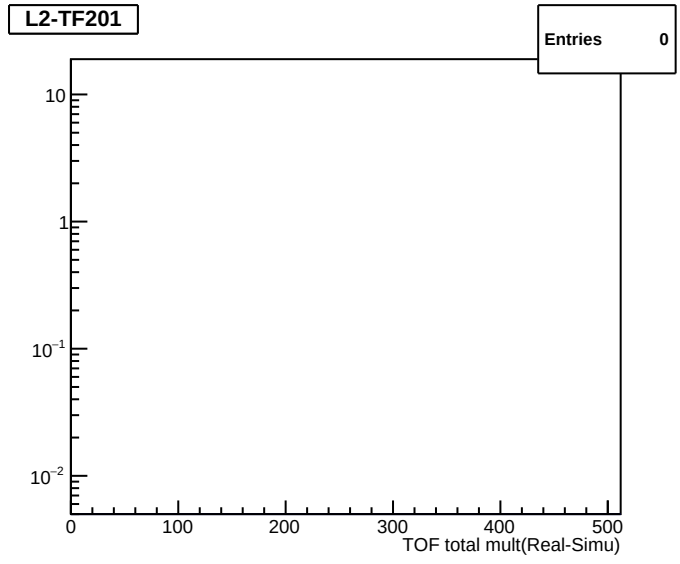

MIX-TF101
Entries 3.765454e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

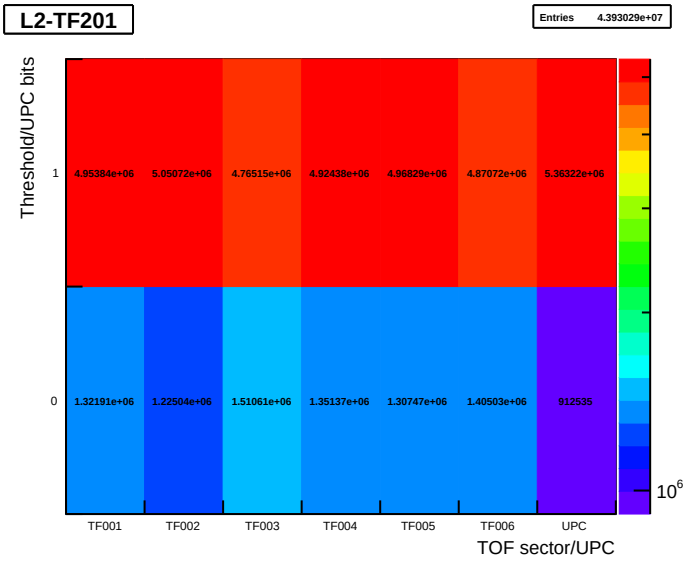

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

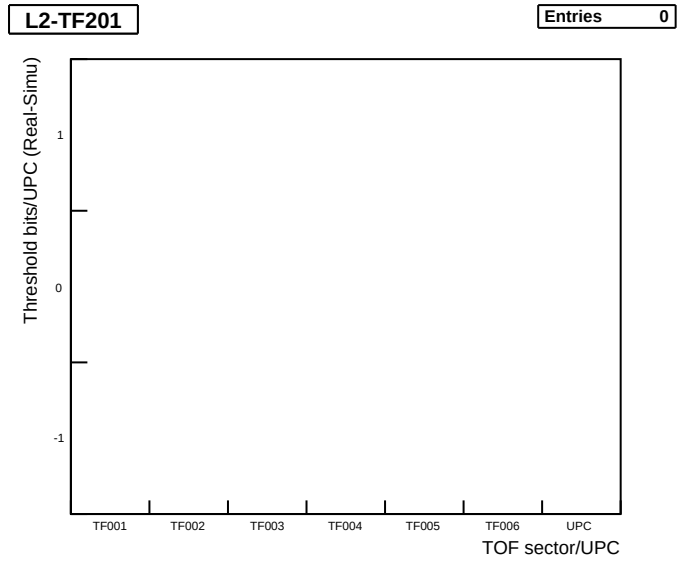

MIX-TF101
Entries 3.765454e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

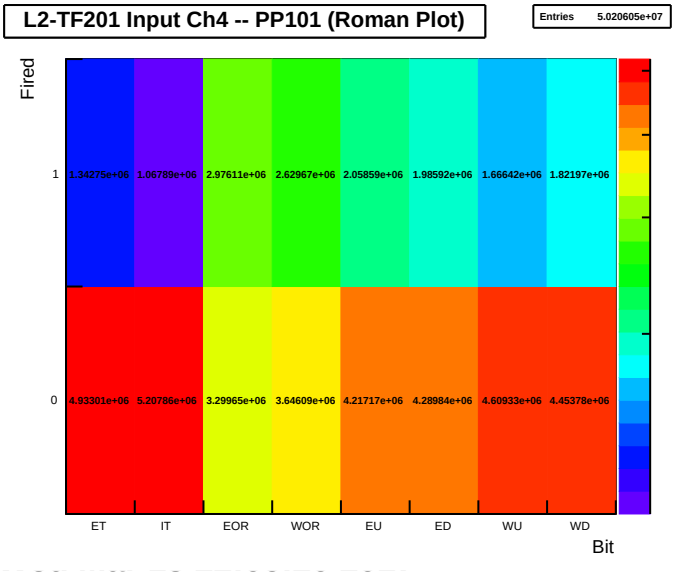

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

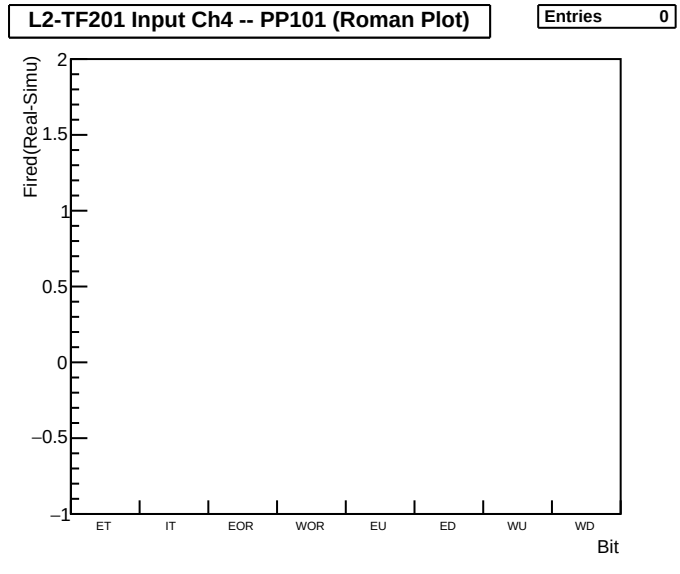

L2-TF201
Entries6275756
TOF total mult

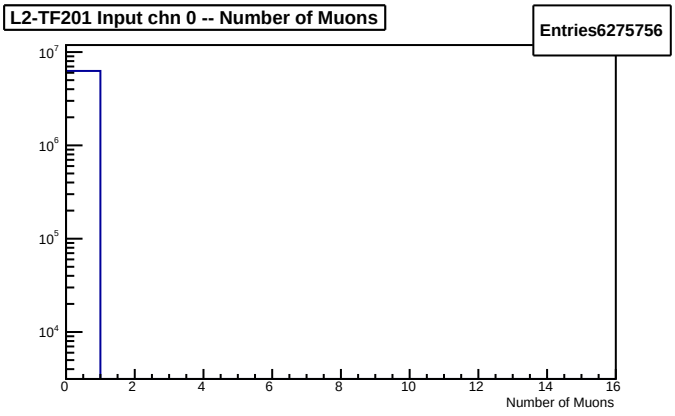

L2-TF201
Entries 0
TOF total mult(Real-Simu)

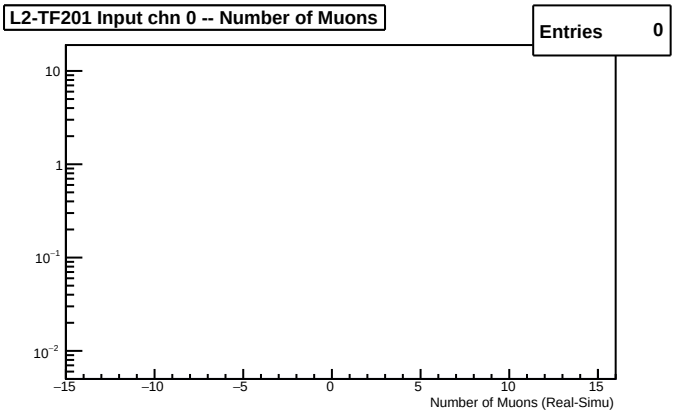

L2-TF201
Entries 4.393029e+07
Threshold/UPC bits
4.95384e+06
5.05072e+06
4.76515e+06
4.92438e+06
4.96829e+06
4.87072e+06
5.36322e+06
1.32191e+06
1.22504e+06
1.51061e+06
1.35137e+06
1.30747e+06
1.40503e+06
912535
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

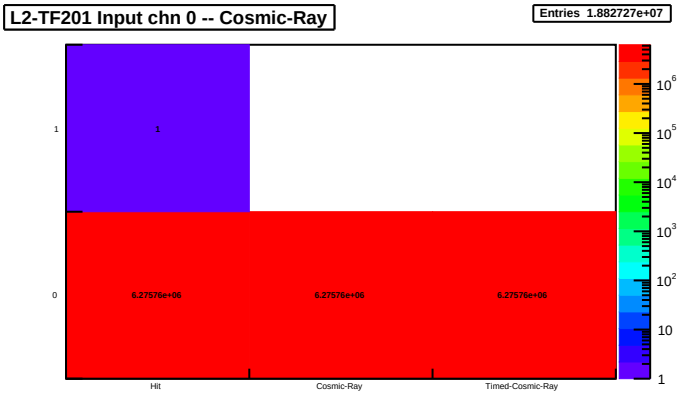

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

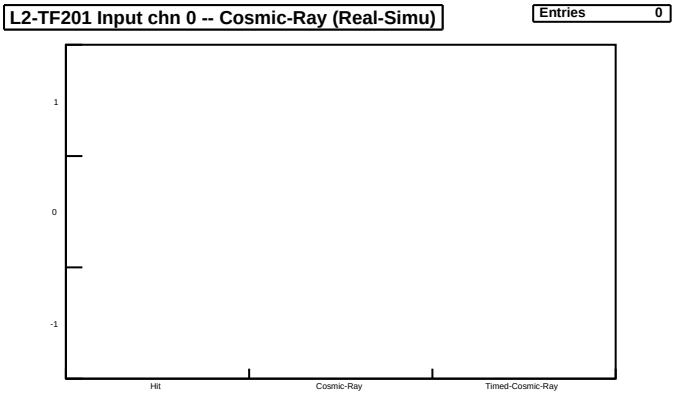

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.020605e+07
Fired
1.34275e+06
1.06789e+06
2.97611e+06
2.62967e+06
2.05859e+06
1.98592e+06
1.66642e+06
1.82197e+06
4.93301e+06
5.20786e+06
3.29965e+06
3.64609e+06
4.21717e+06
4.28984e+06
4.60933e+06
4.45378e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

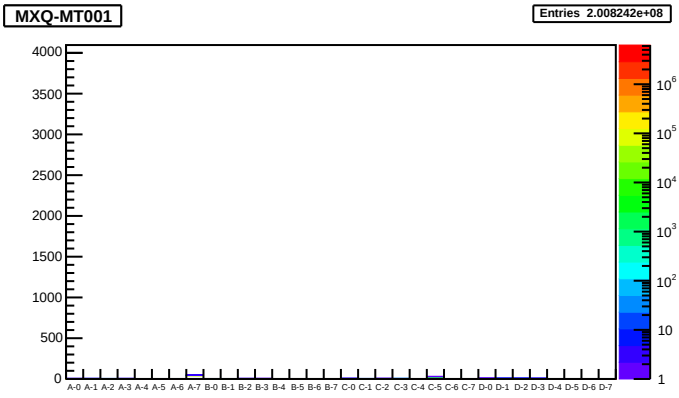

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

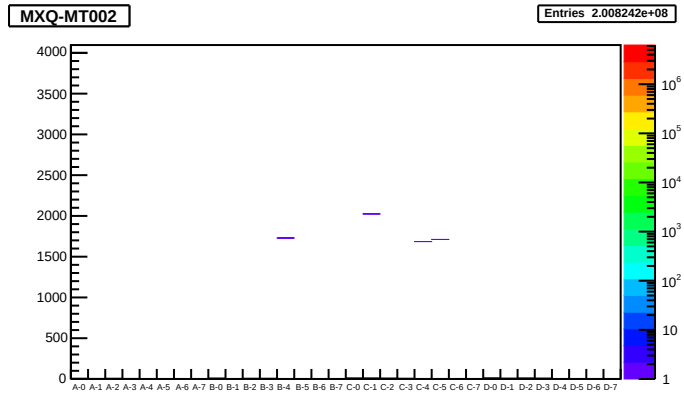

L2-TF201 Input chn 0 -- Number of Muons
Entries6275756
Number of Muons

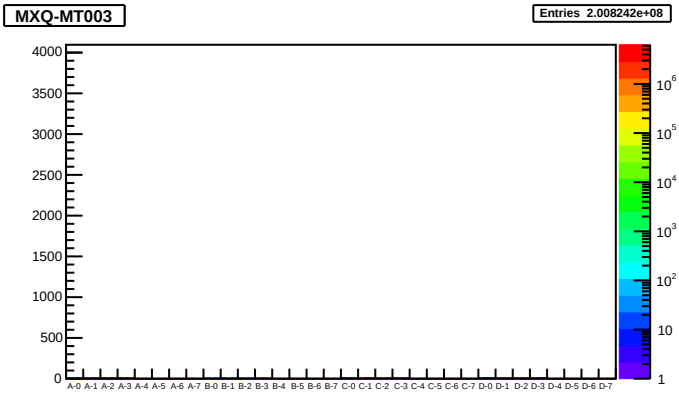

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

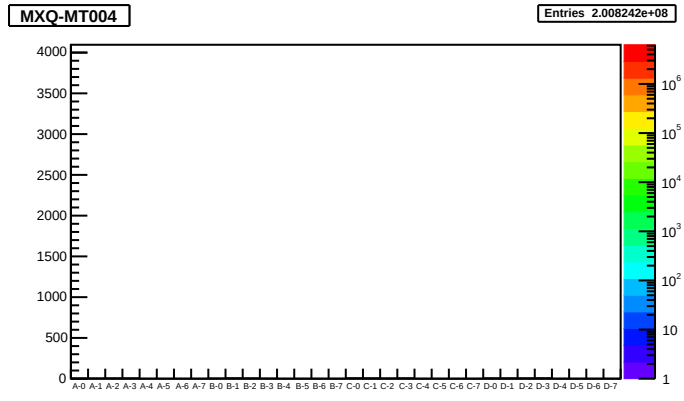

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.882727e+07
6.27576e+06
6.27576e+06
6.27576e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

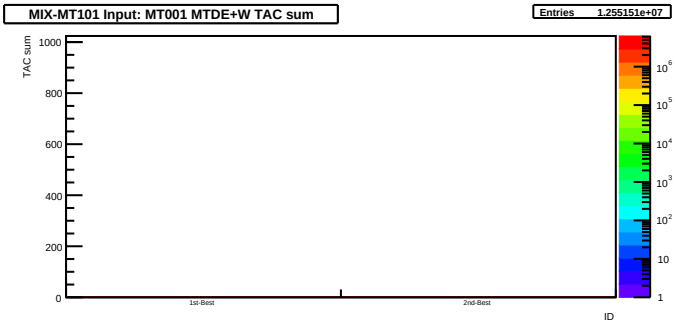

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

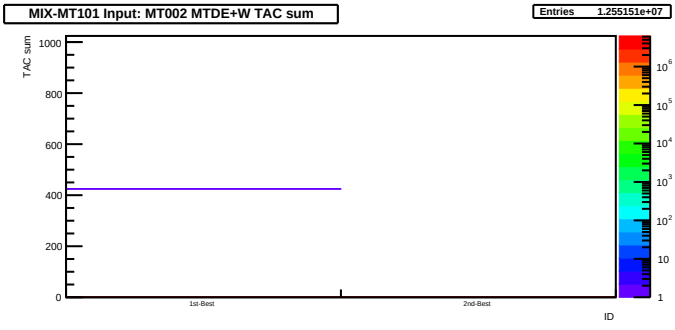

MXQ-MT001
Entries 2.008242e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

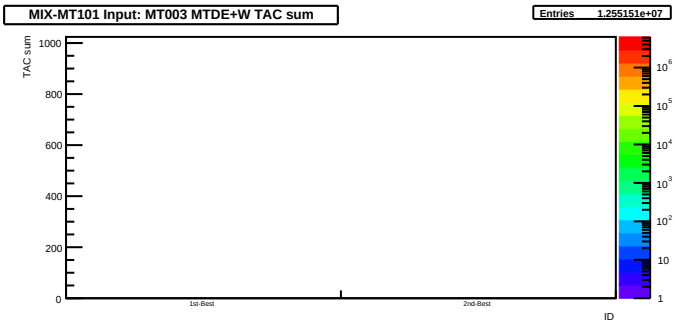

MXQ-MT002
Entries 2.008242e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

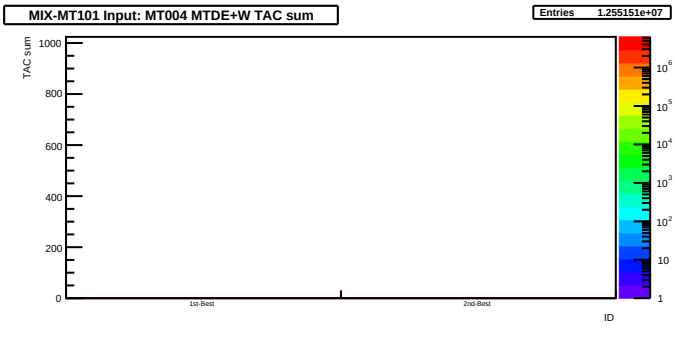

MXQ-MT003
Entries 2.008242e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

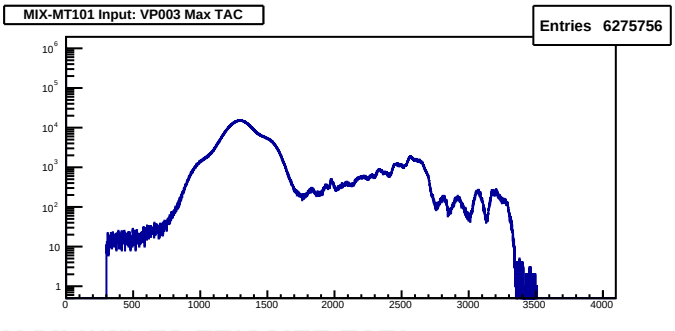

MXQ-MT004
Entries 2.008242e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

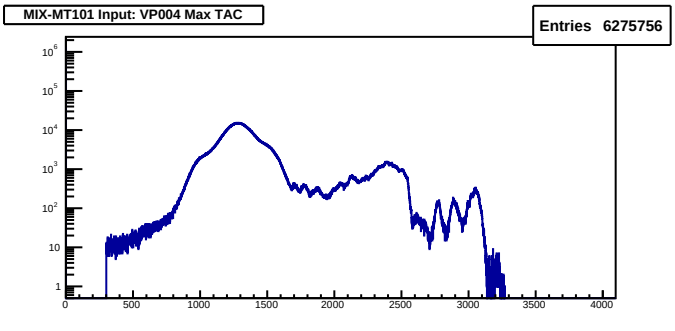

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.255151e+07
TAC sum
1st-Best
2nd-Best
ID

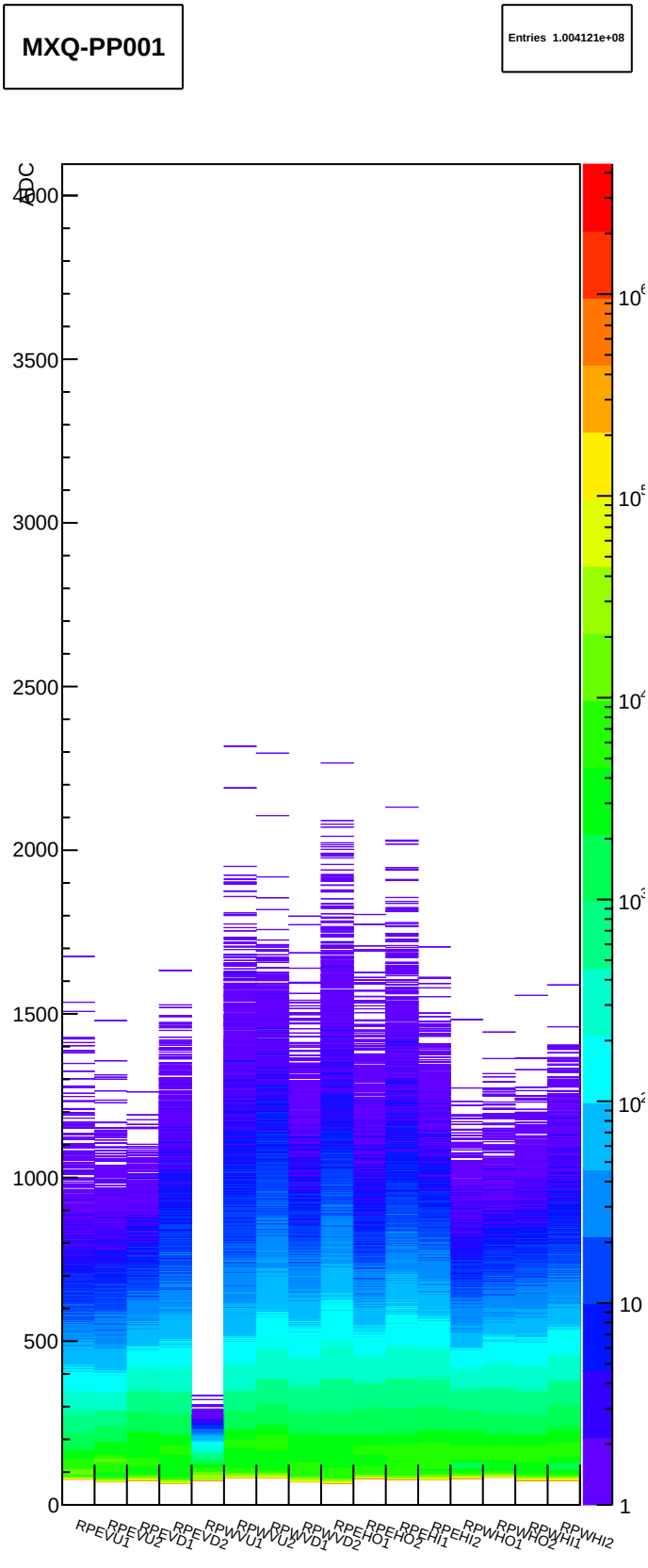

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.255151e+07
TAC sum
1st-Best
2nd-Best
ID

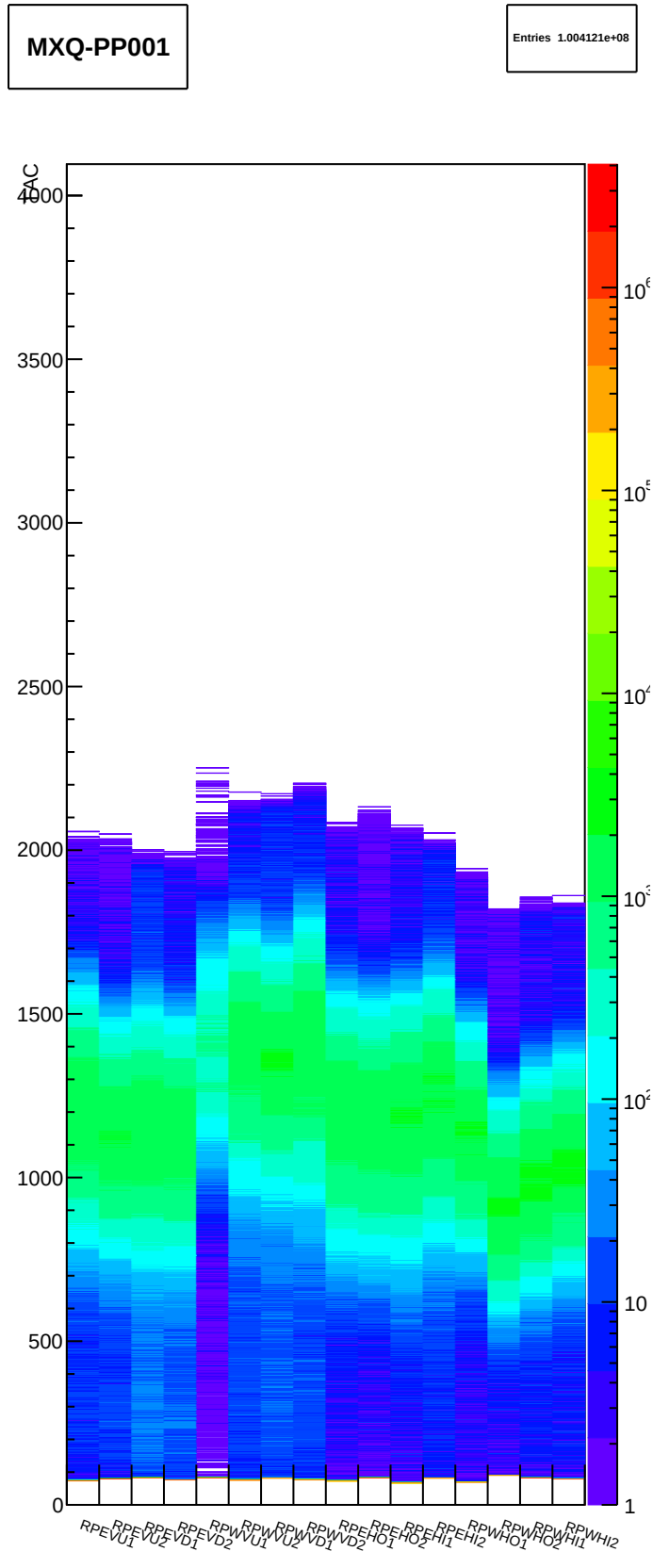

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.255151e+07
TAC sum
1st-Best
2nd-Best
ID

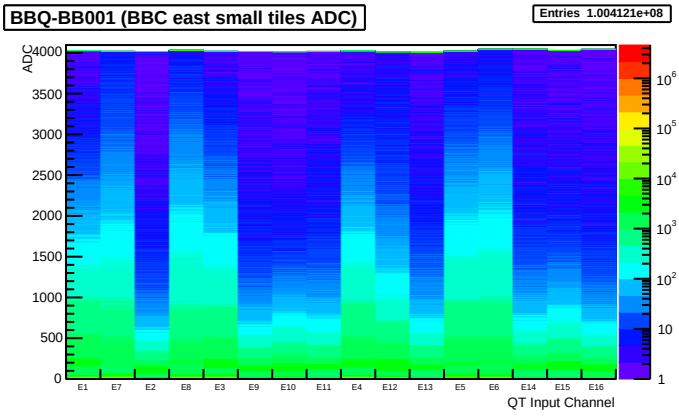

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.255151e+07
TAC sum
1st-Best
2nd-Best
ID

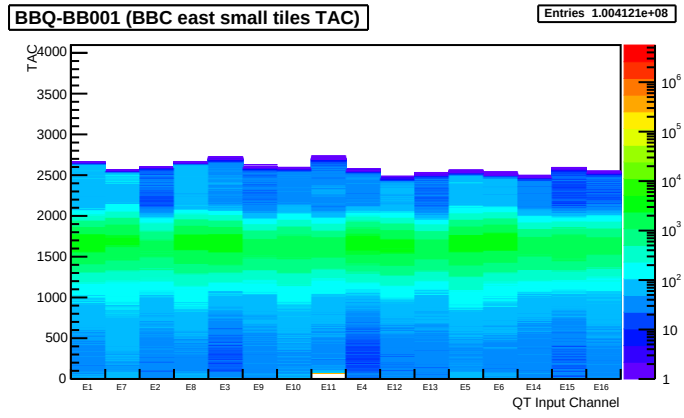

MIX-MT101 Input: VP003 Max TAC
Entries 6275756

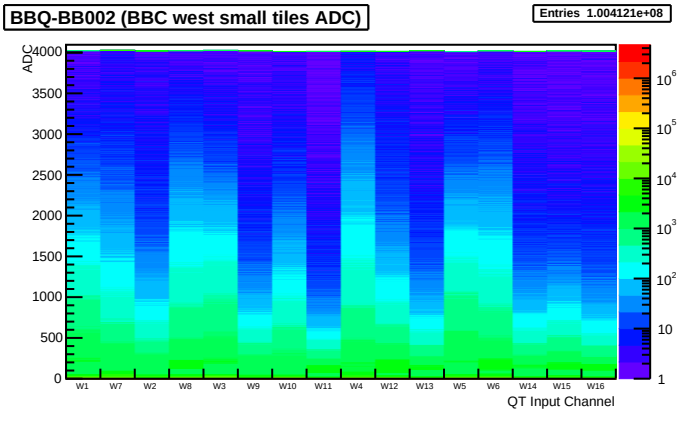

MIX-MT101 Input: VP004 Max TAC
Entries 6275756

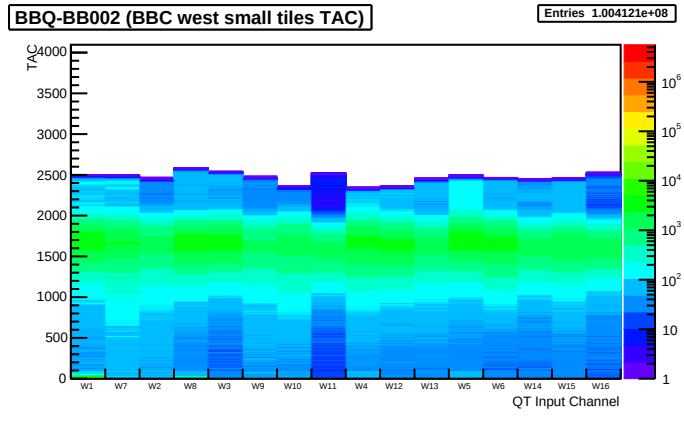

MXQ-PP001
Entries 1.004121e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

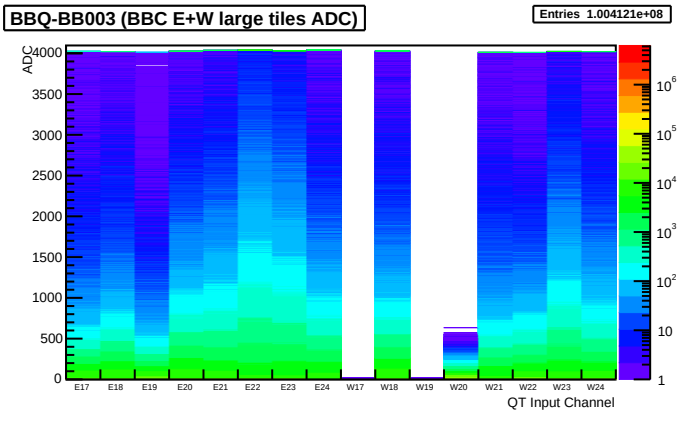

MXQ-PP001
Entries 1.004121e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

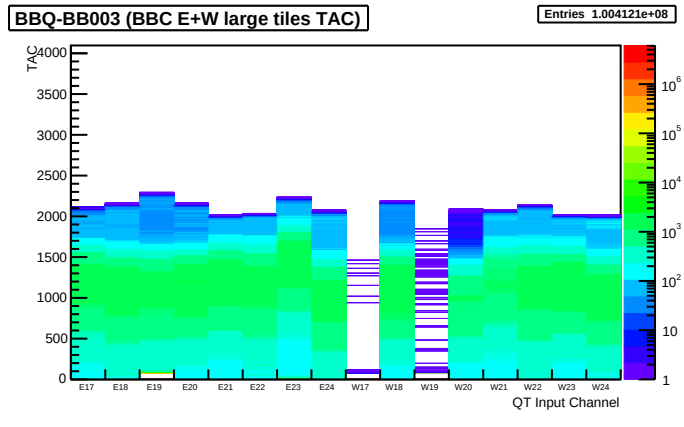

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.004121e+08
ADC
QT Input Channel

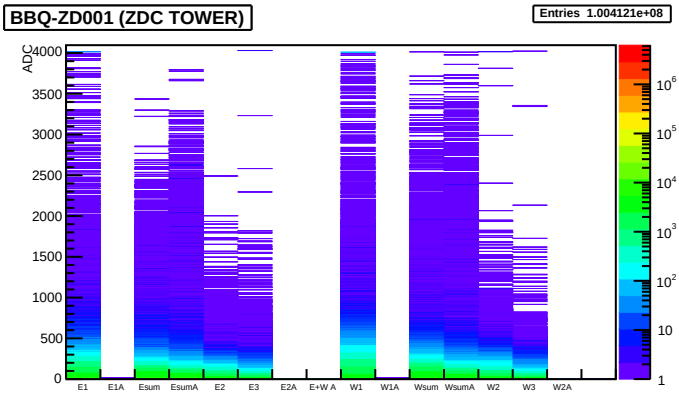

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.004121e+08
TAC
QT Input Channel

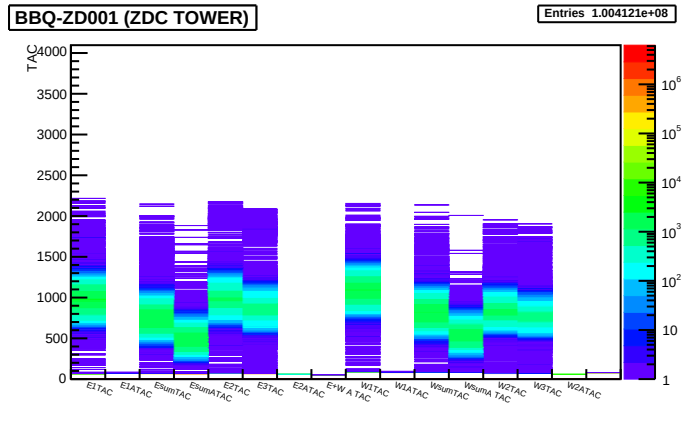

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.004121e+08
ADC
QT Input Channel

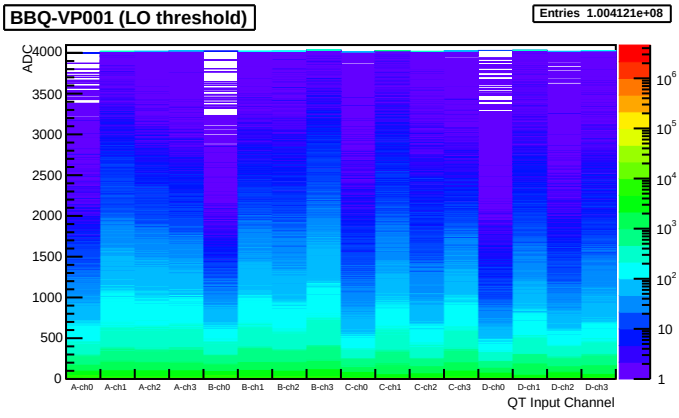

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.004121e+08
TAC
QT Input Channel

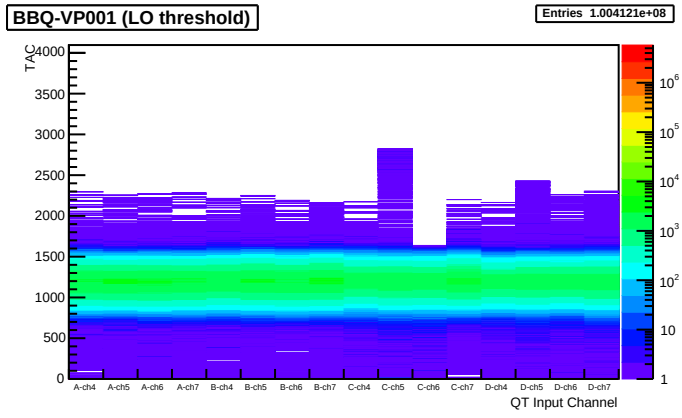

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.004121e+08
ADC
QT Input Channel

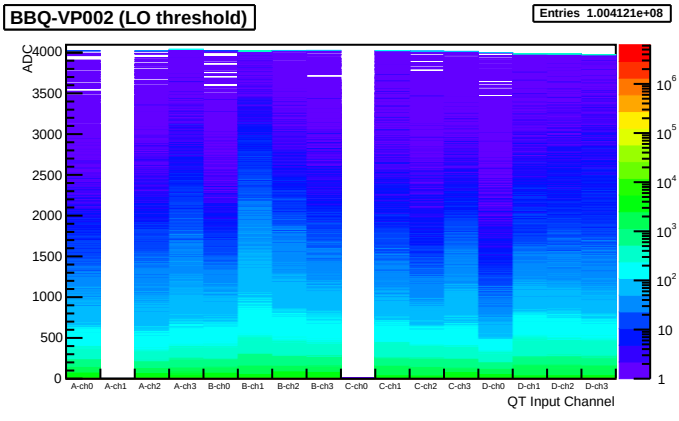

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.004121e+08
TAC
QT Input Channel

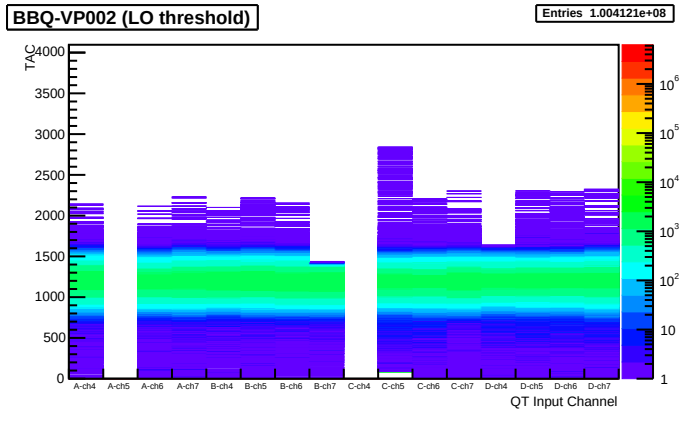

BBQ-ZD001 (ZDC TOWER)
Entries 1.004121e+08
ADC

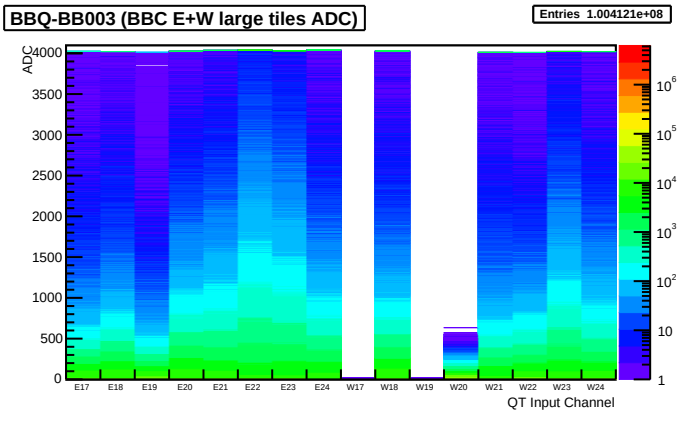

BBQ-ZD001 (ZDC TOWER)
Entries 1.004121e+08
TAC

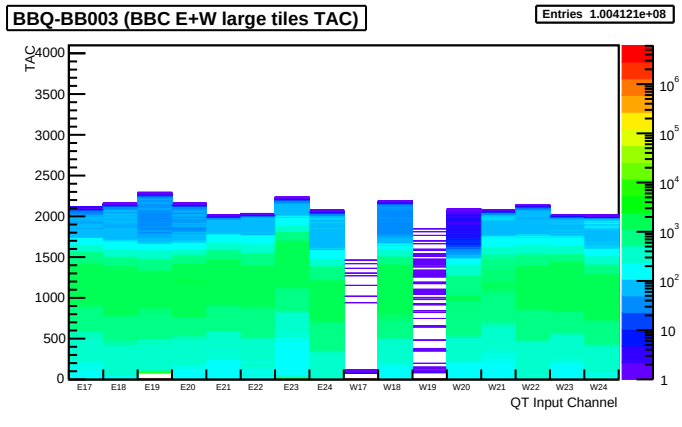

BBQ-VP001 (LO threshold)
Entries 1.004121e+08
ADC
QT Input Channel

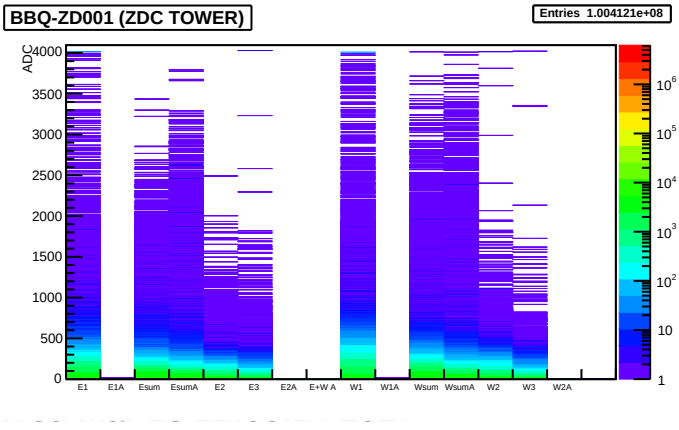

BBQ-VP001 (LO threshold)
Entries 1.004121e+08
TAC
QT Input Channel

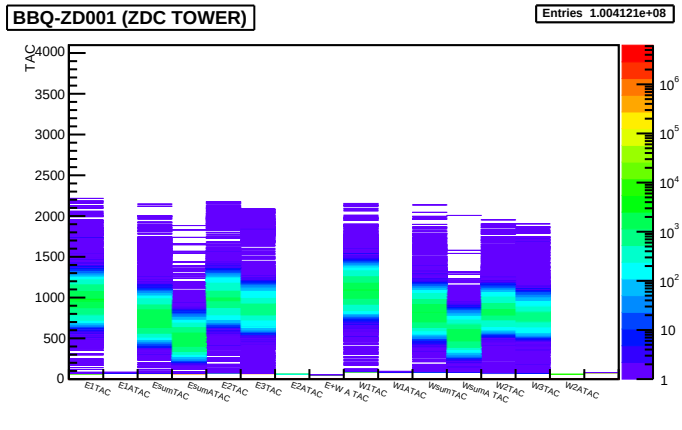

BBQ-VP002 (LO threshold)
Entries 1.004121e+08
ADC
QT Input Channel

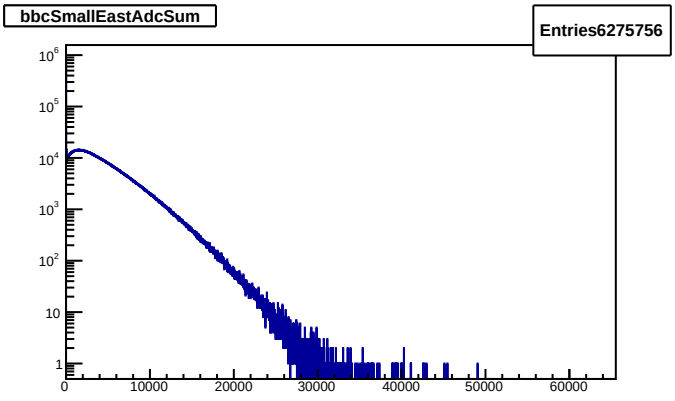

BBQ-VP002 (LO threshold)
Entries 1.004121e+08
TAC
QT Input Channel

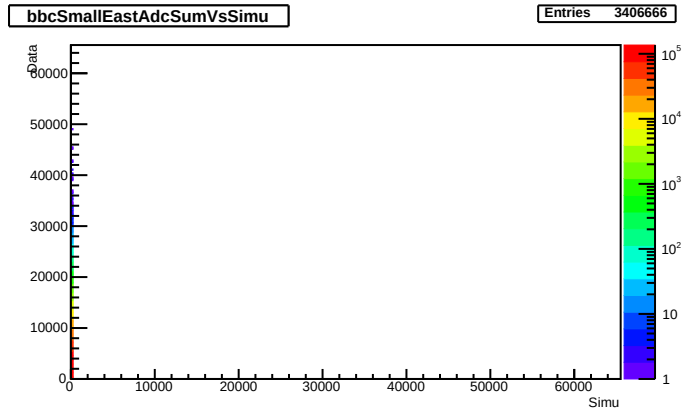

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.004121e+08
ADC
QT Input Channel

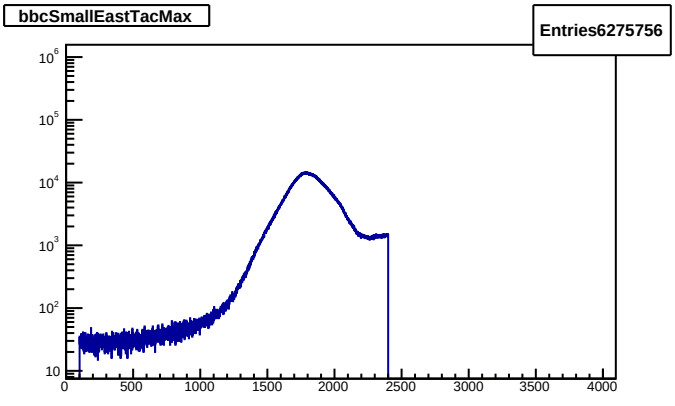

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.004121e+08
TAC
QT Input Channel

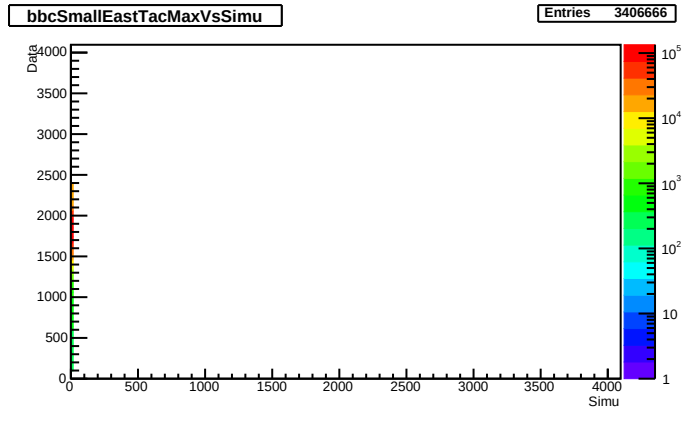

BBQ-ZD001 (ZDC TOWER)
Entries 1.004121e+08
ADC

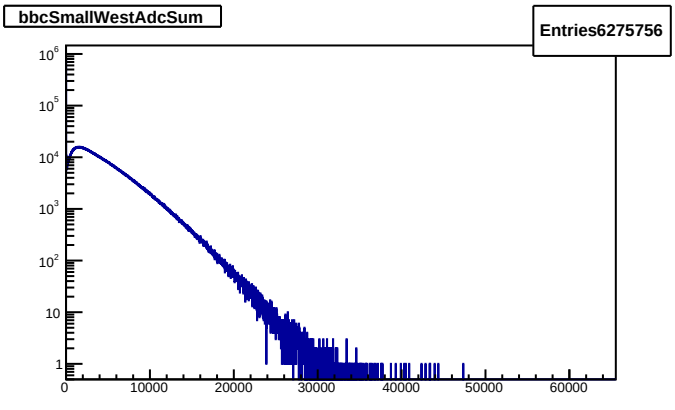

BBQ-ZD001 (ZDC TOWER)
Entries 1.004121e+08
TAC

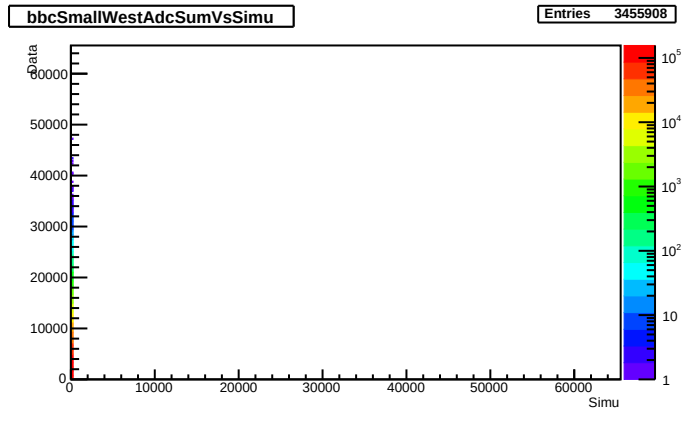

bbcSmallEastAdcSum
Entries6275756

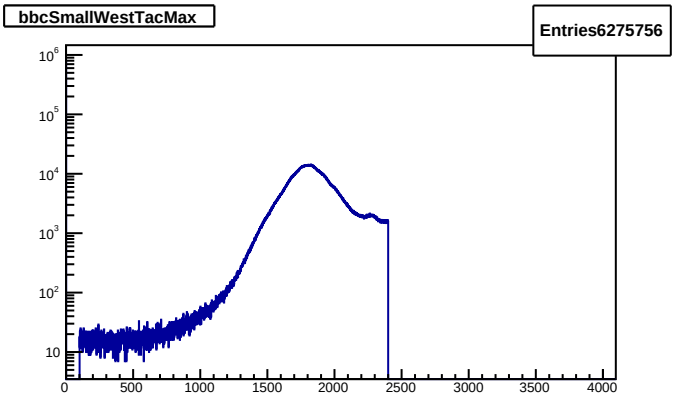

bbcSmallEastAdcSumVsSimu
Entries 3406666
Data
Simu

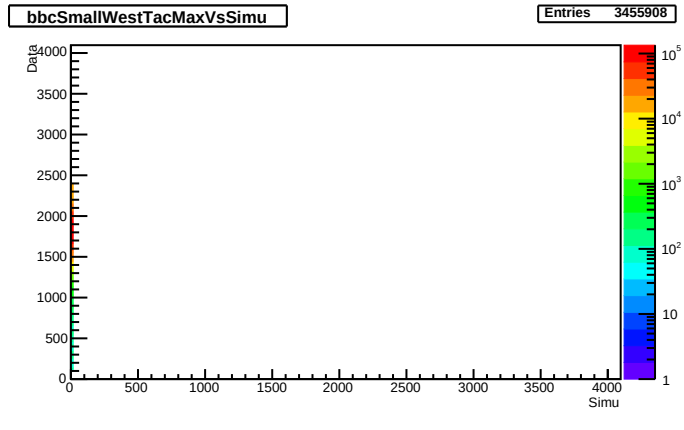

bbcSmallEastTacMax
Entries6275756

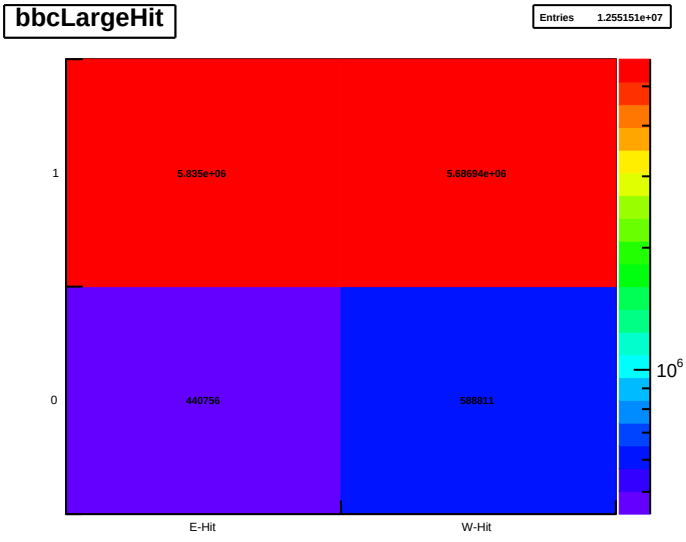

bbcSmallEastTacMaxVsSimu
Entries 3406666
Data
Simu

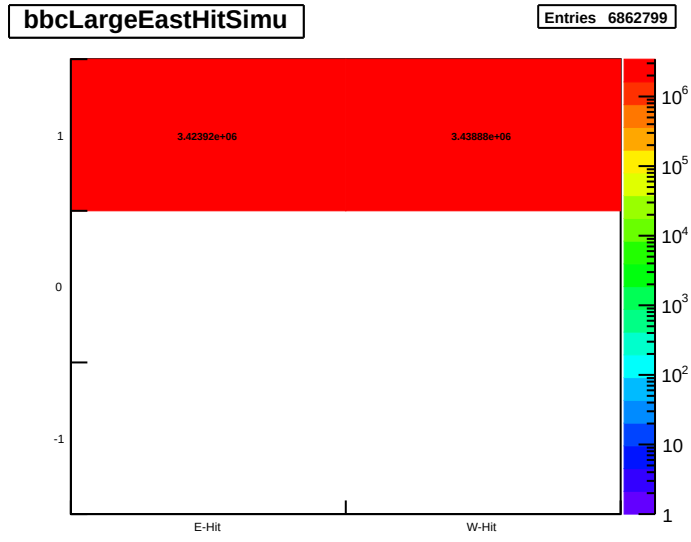

bbcSmallWestAdcSum
Entries6275756

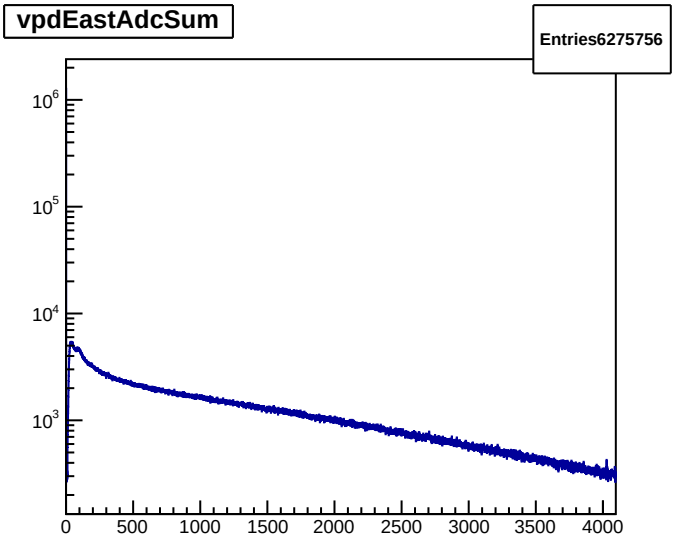

bbcSmallWestAdcSumVsSimu
Entries 3455908
Data
Simu

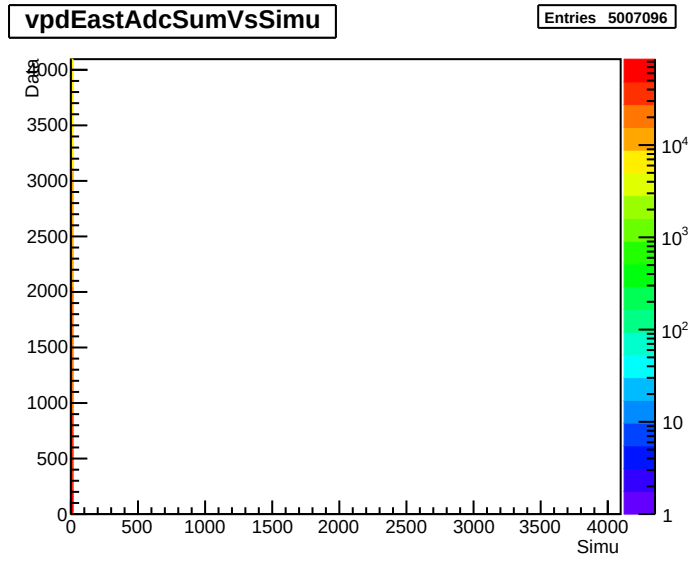

bbcSmallWestTacMax
Entries6275756

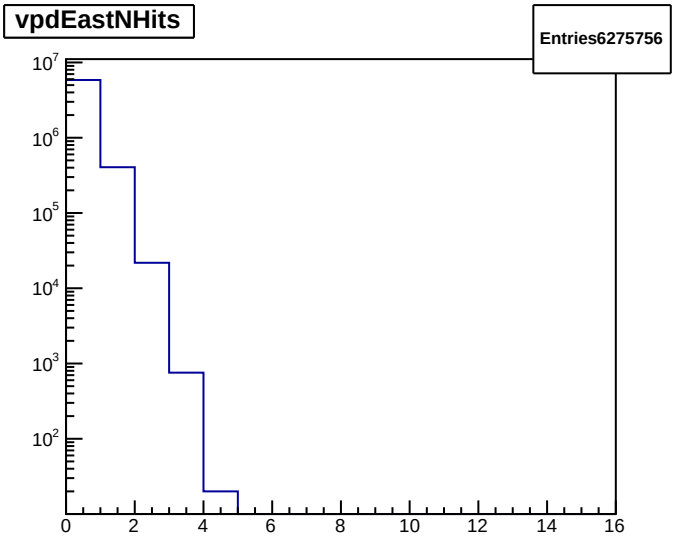

bbcSmallWestTacMaxVsSimu
Entries 3455908
Data
Simu

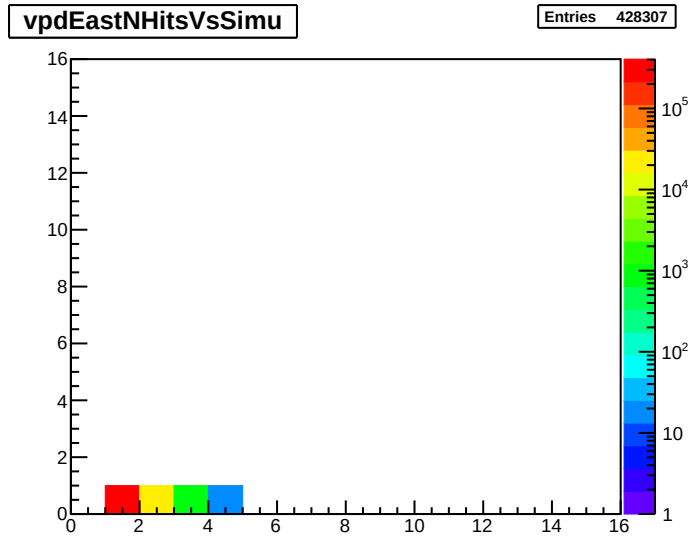

bbcLargeHit
Entries 1.255151e+07
1
0
5.835e+06
5.68694e+06
440756
588811
E-Hit
W-Hit
10^6

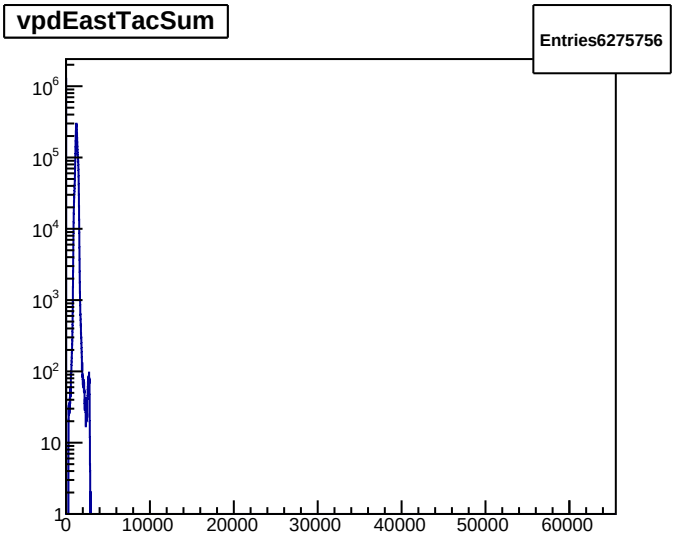

bbcLargeEastHitSimu
Entries 6862799
1
0
-1
3.42392e+06
3.43888e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

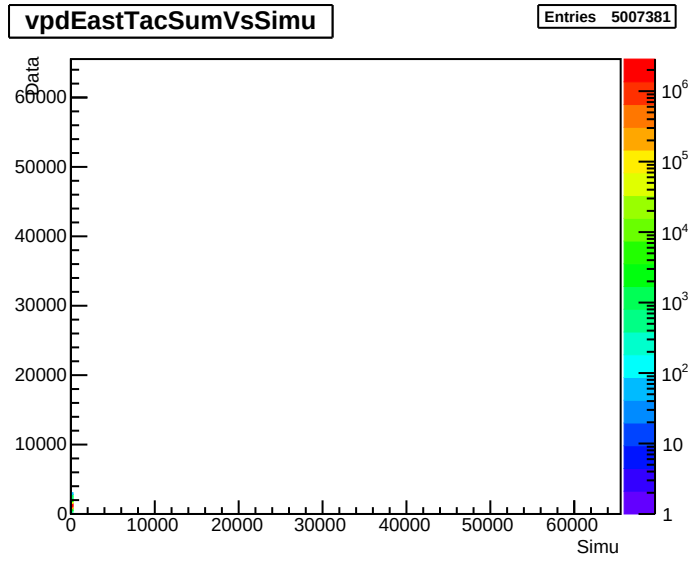

vpdEastAdcSum
Entries6275756

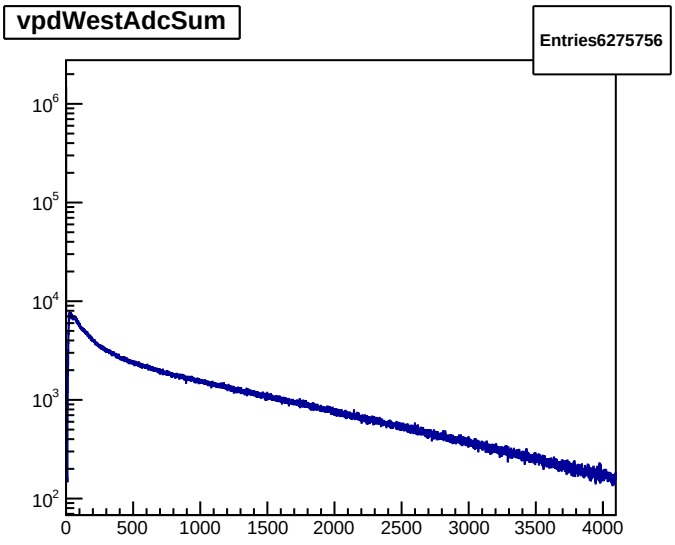

vpdEastAdcSumVsSimu
Entries 5007096
Data
Simu

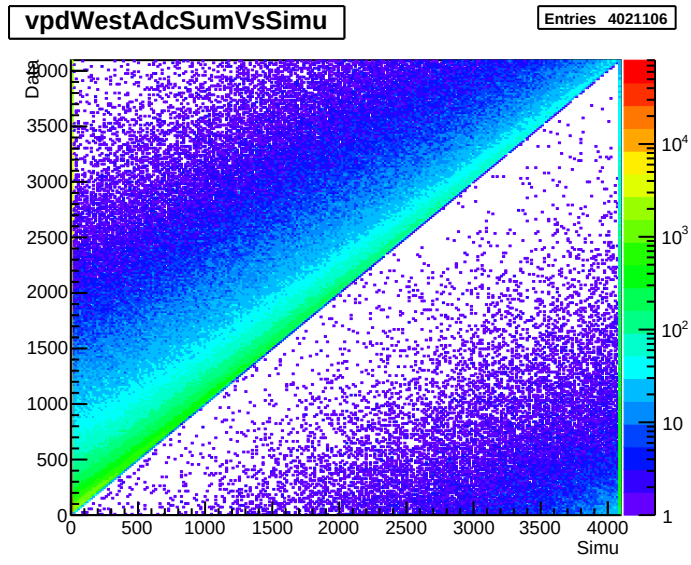

vpdEastNHits
Entries6275756

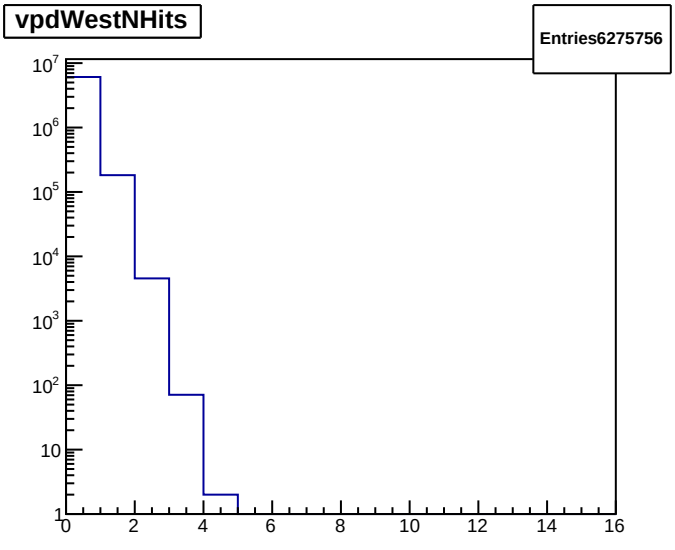

vpdEastNHitsVsSimu
Entries 428307

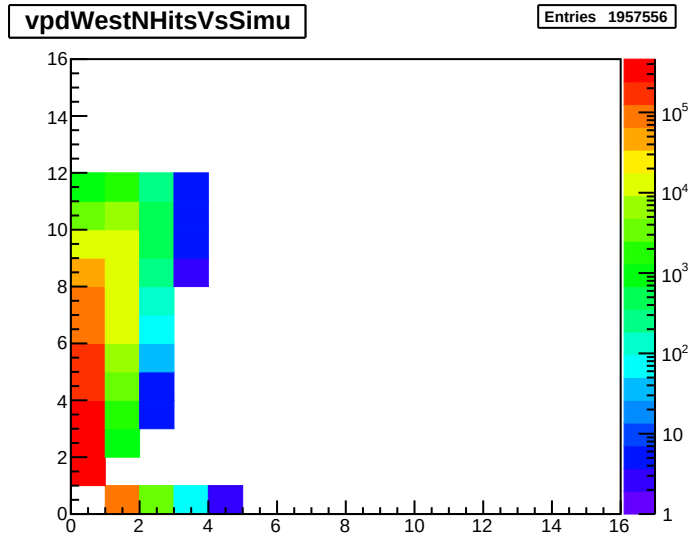

vpdEastTacSum
Entries6275756

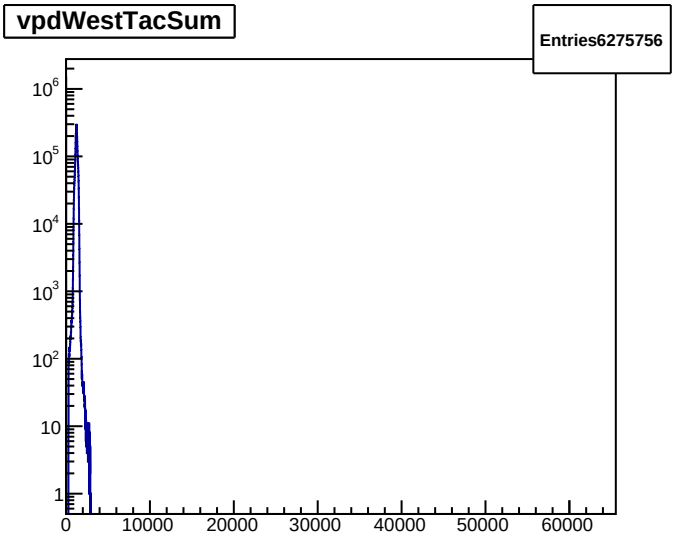

vpdEastTacSumVsSimu
Entries 5007381
Data
Simu

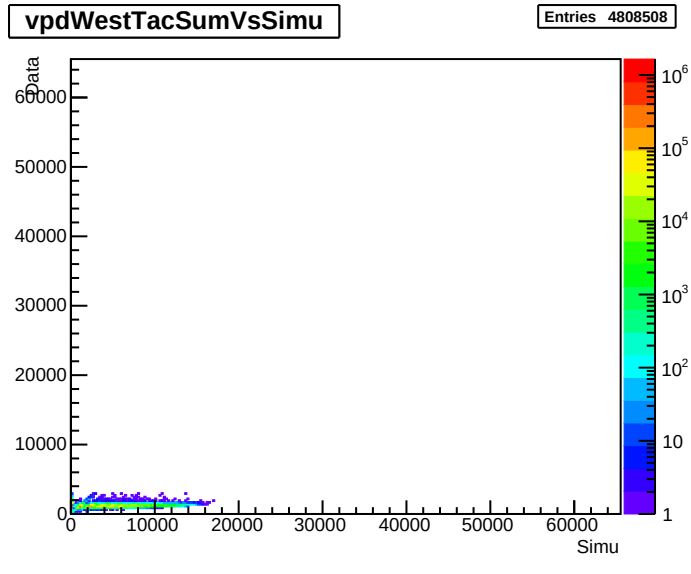

vpdWestAdcSum
Entries6275756

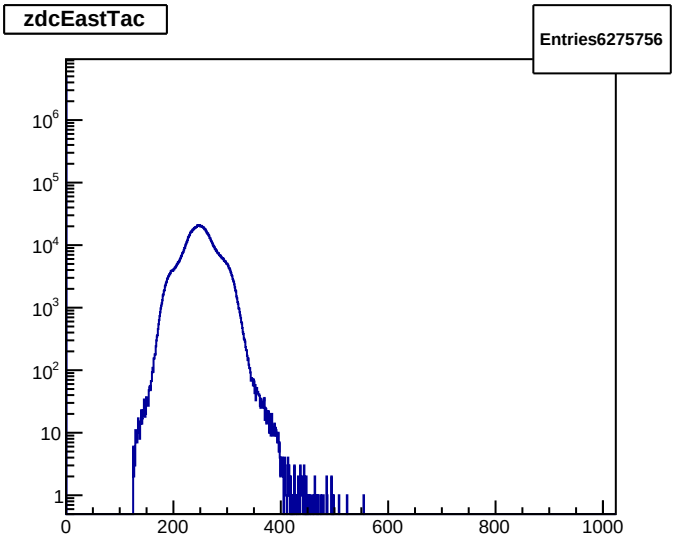

vpdWestAdcSumVsSimu
Entries 4021106
Data
Simu

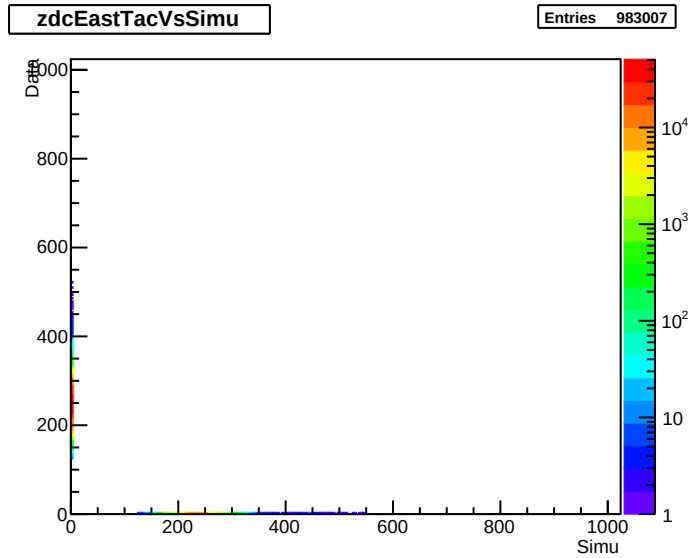

vpdWestNHits
Entries6275756

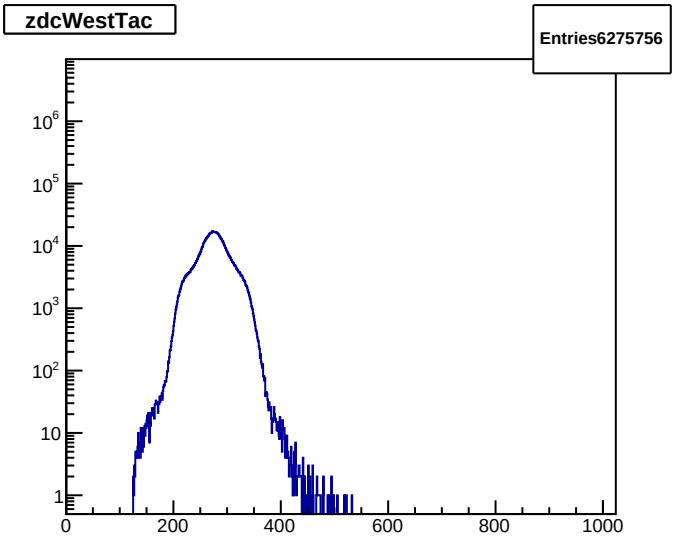

vpdWestNHitsVsSimu
Entries 1957556

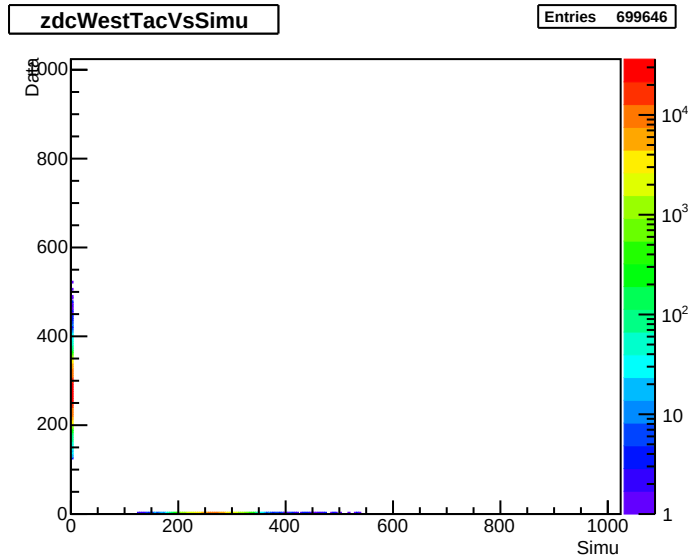

vpdWestTacSum
Entries6275756

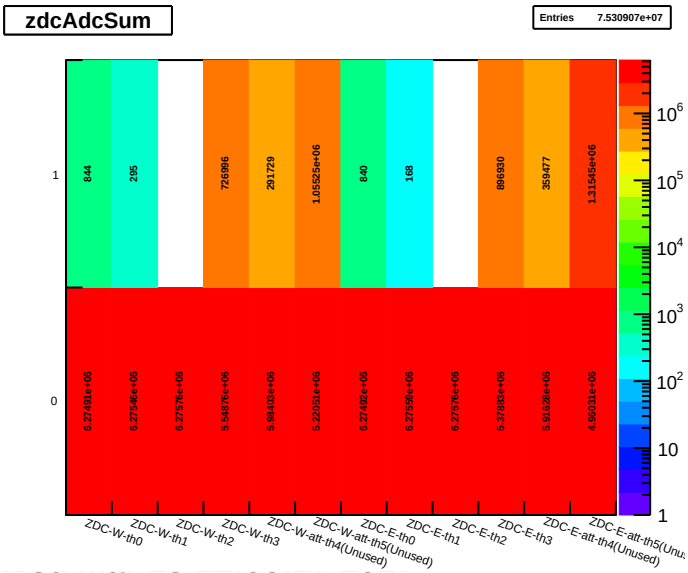

vpdWestTacSumVsSimu
Entries 4808508
Data
Simu

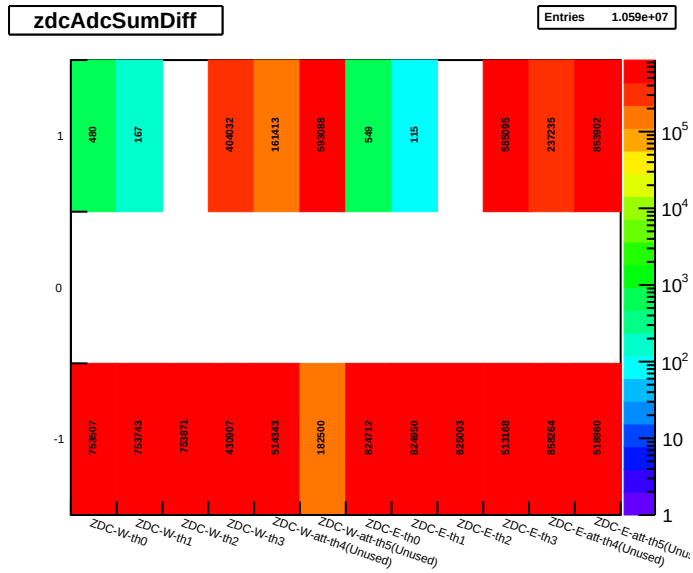

zdcEastTac
Entries6275756

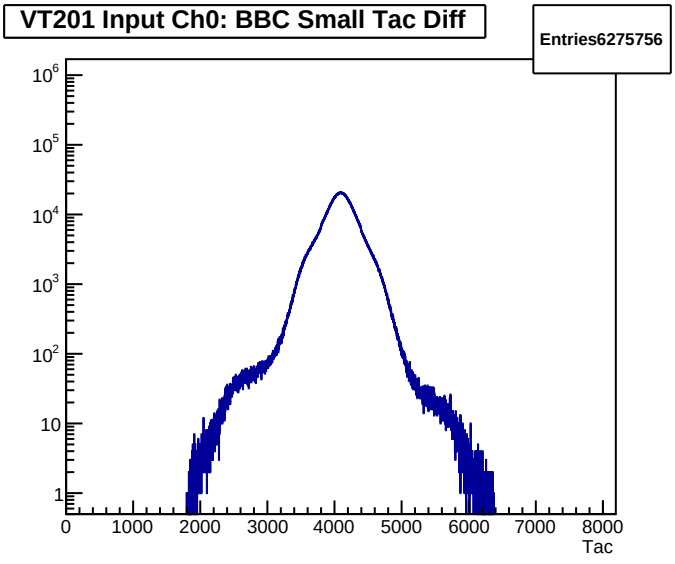

zdcEastTacVsSimu
Entries 983007
Data
Simu

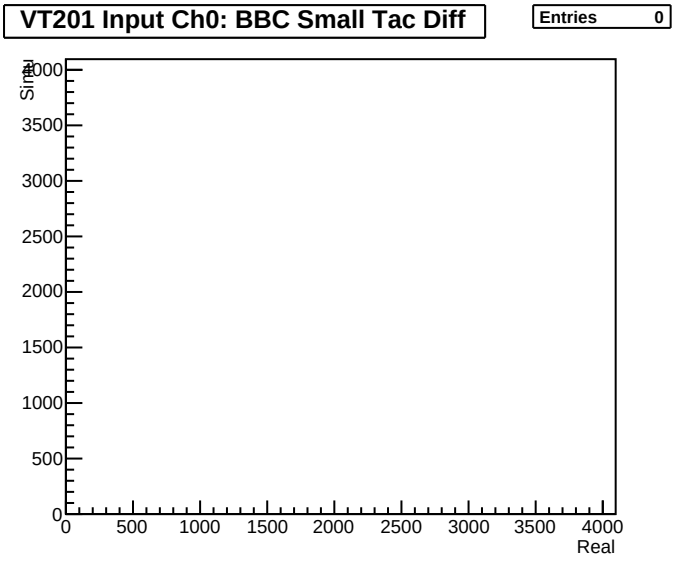

zdcWestTac
Entries6275756

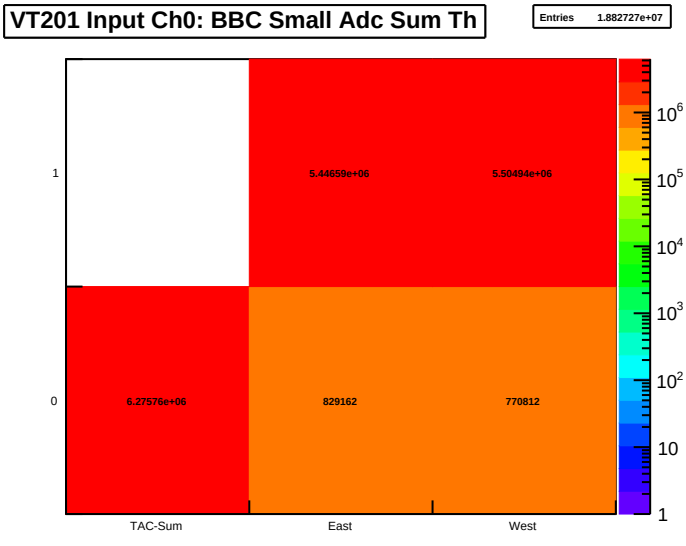

zdcWestTacVsSimu
Entries 699646
Data
Simu

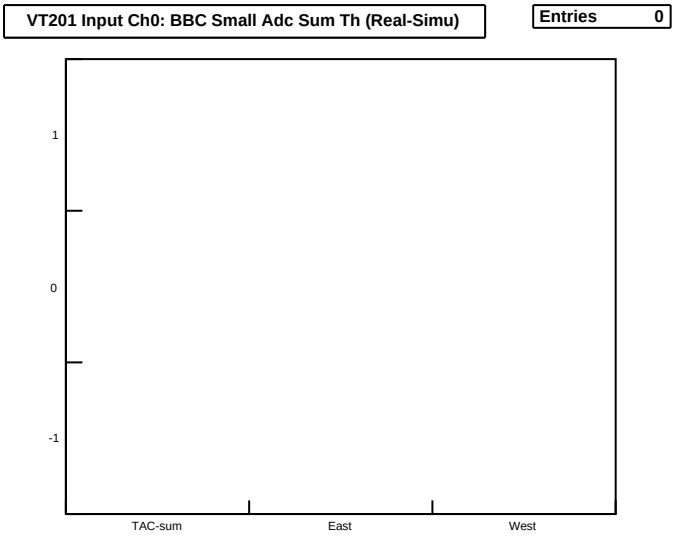

zdcAdcSum
Entries 7.530907e+07
844
295
726996
291729
1.05525e+06
840
168
896930
359477
1.31545e+06
6.27491e+06
6.27546e+05
6.27576e+06
5.54876e+06
5.98403e+06
5.22051e+06
6.27492e+06
6.27558e+06
6.27576e+05
5.37682e+06
5.91628e+06
4.96031e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

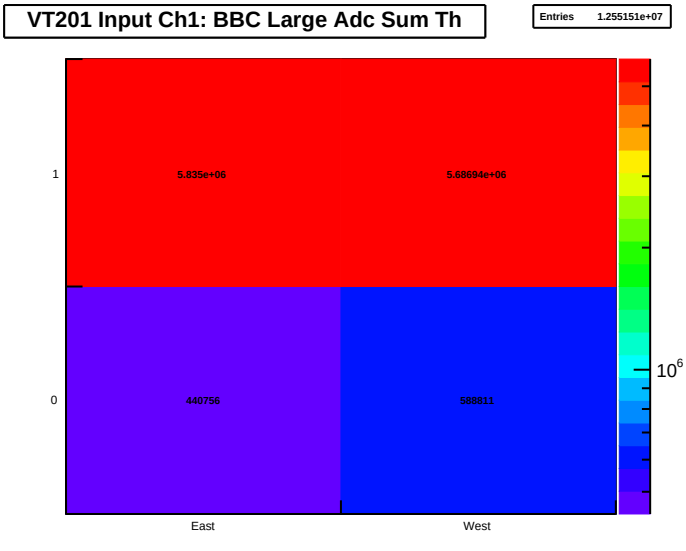

zdcAdcSumDiff
Entries 1.059e+07
490
167
404032
161413
593088
549
115
585095
237235
853902
753507
753743
753871
430907
514343
182500
824712
824950
825003
513168
852264
518960
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

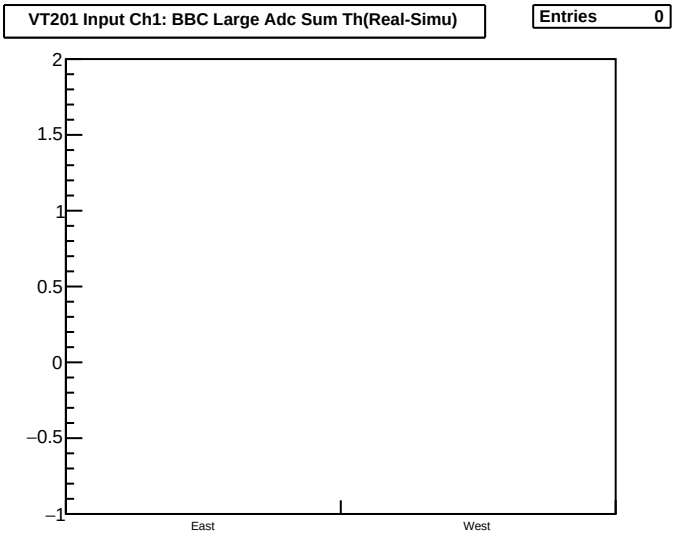

VT201 Input Ch0: BBC Small Tac Diff
Entries6275756
Tac


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

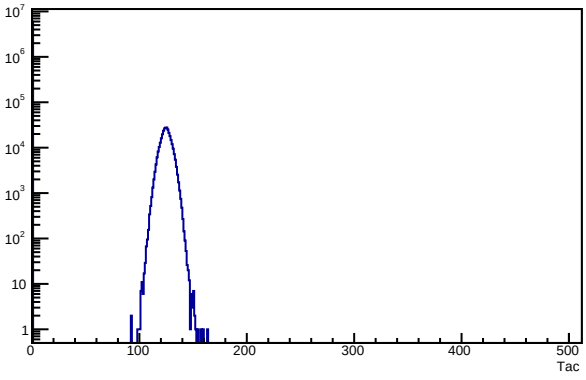

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.882727e+07
5.44659e+06
5.50494e+06
6.27576e+06
829162
770812
TAC-Sum
East
West


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

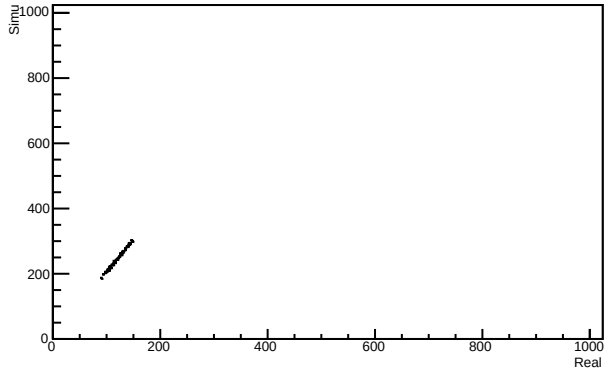

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.255151e+07
5.835e+06
5.68694e+06
440756
588811
East
West


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

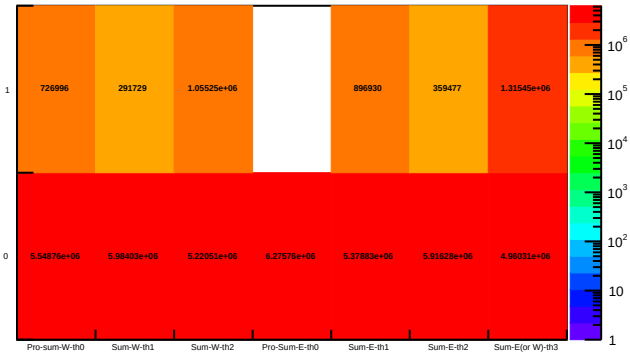
VT201 Input Ch2: ZDC Tac Diff



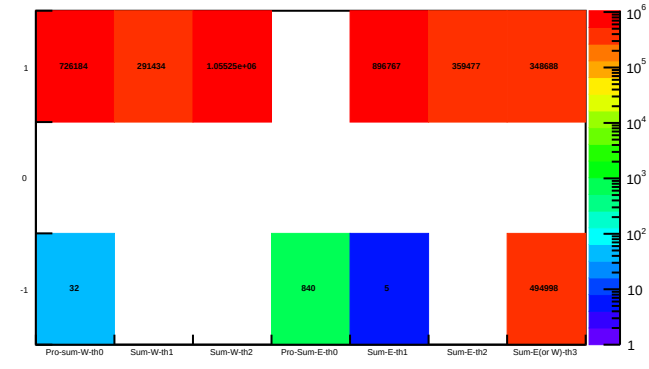
VT201 Input Ch2: ZDC Tac Diff



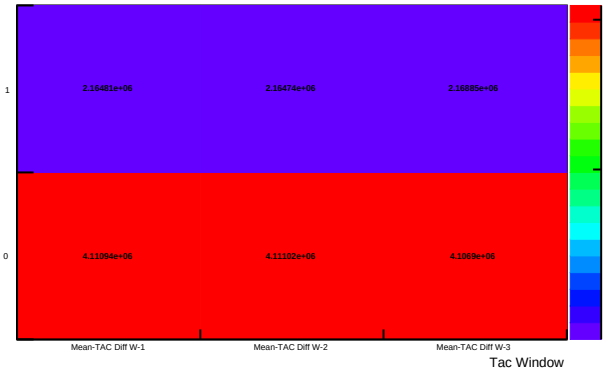
VT201 Input Ch2: ZDC Adc Sum Th



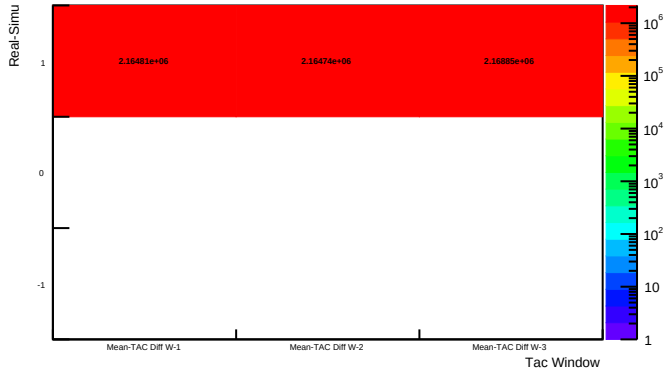
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



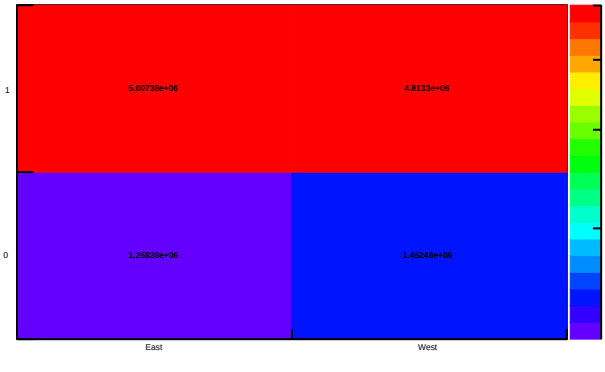
VT201 Input Ch4: VPD Tac Diff



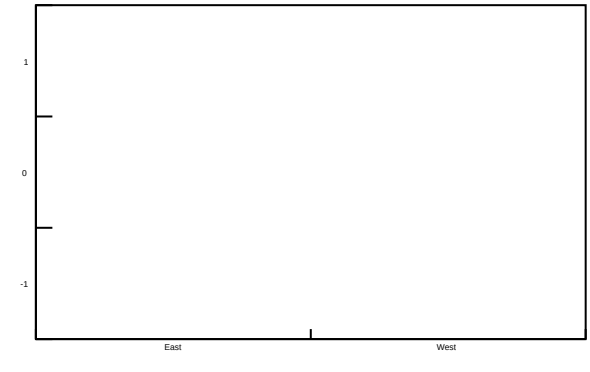
VT201 Input Ch4: VPD Tac Diff

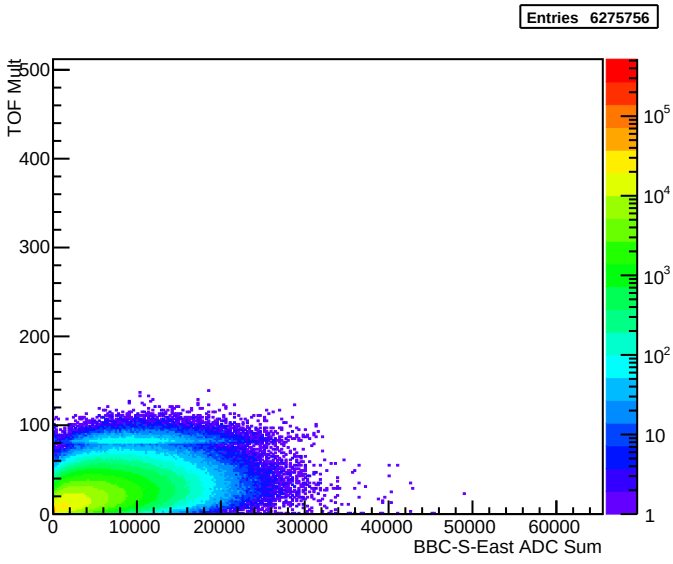


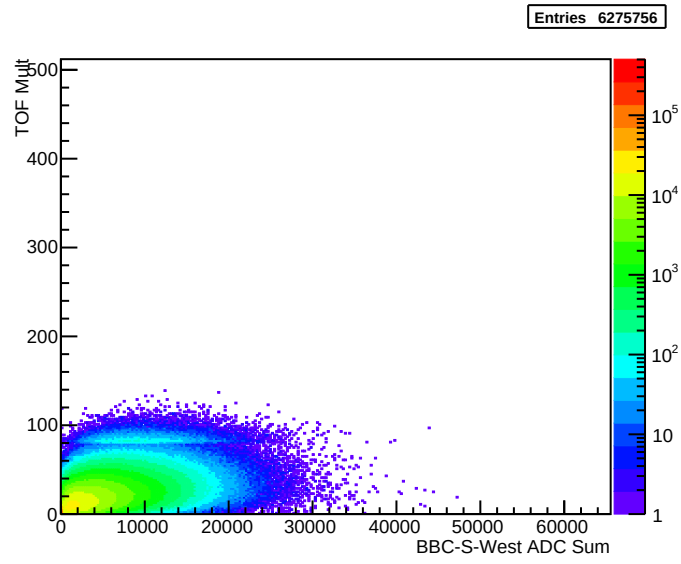
VT201 Input Ch4: VPD Adc Sum Th

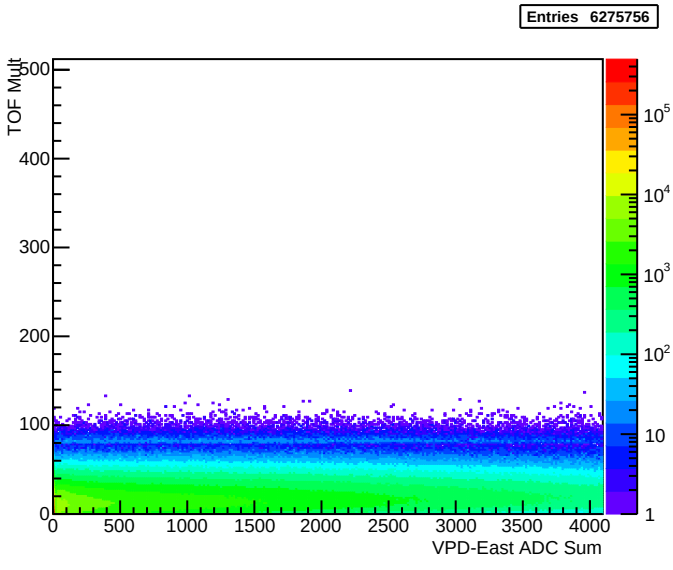


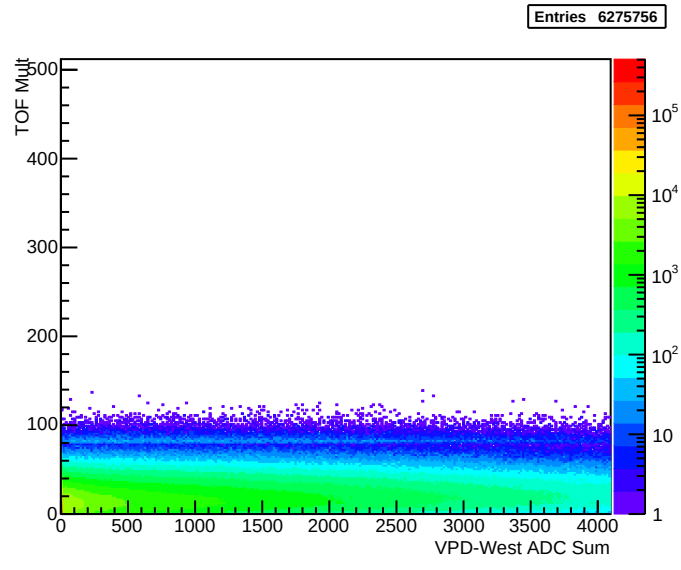
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

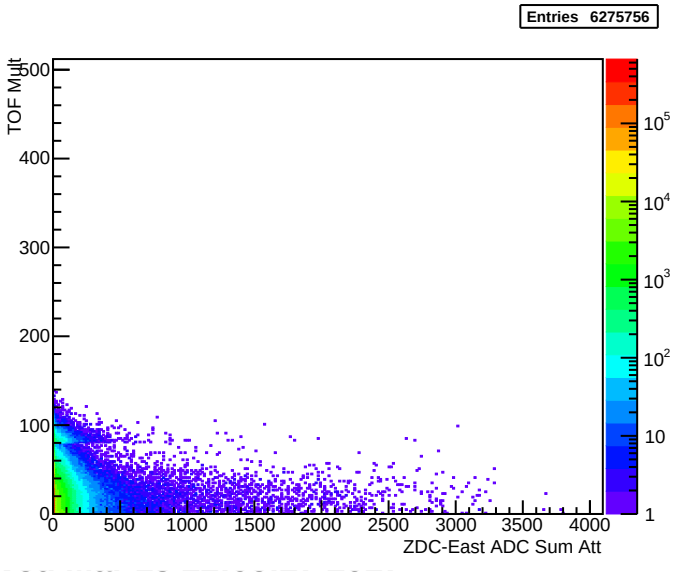


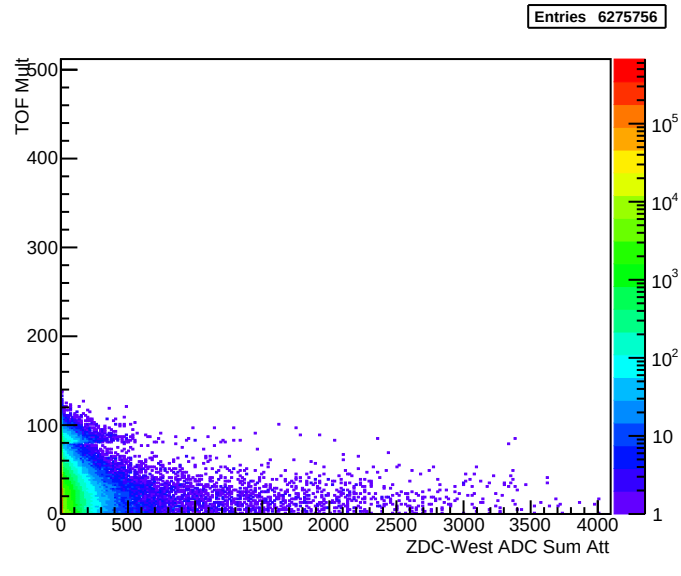

Entries 6275756
TOF Mult
BBC-S-East ADC Sum

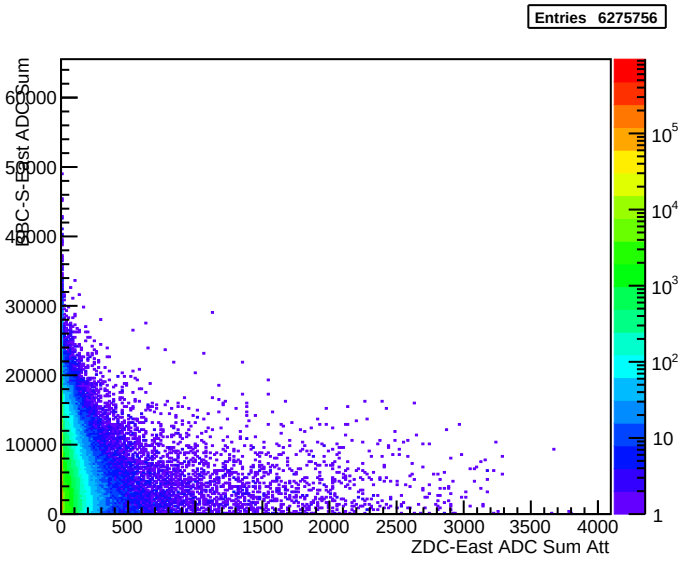

Entries 6275756
TOF Mult
BBC-S-West ADC Sum

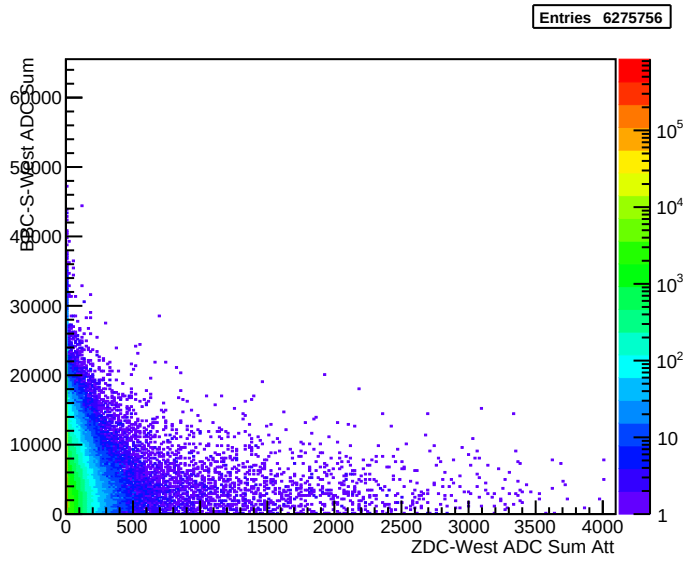

Entries 6275756
TOF Mult
VPD-East ADC Sum

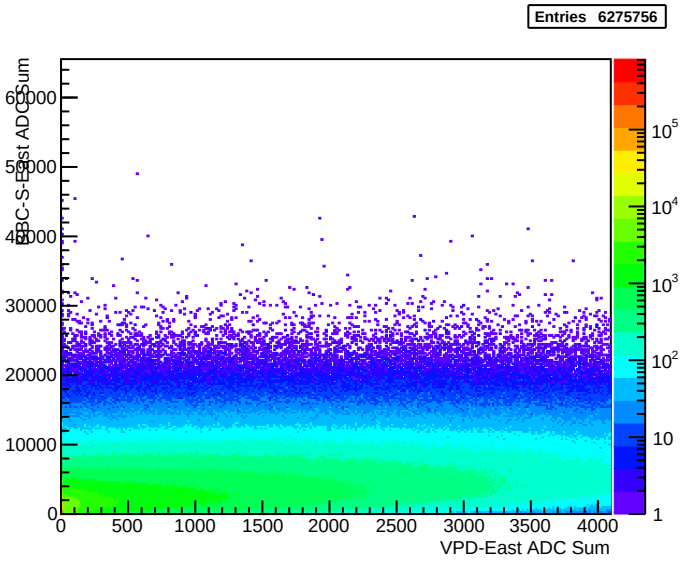

Entries 6275756
TOF Mult
VPD-West ADC Sum

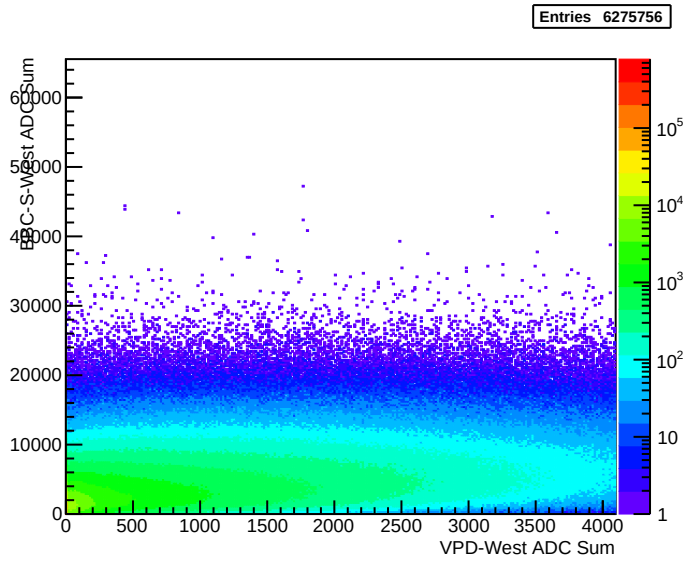

Entries 6275756
TOF Mult
ZDC-East ADC Sum Att

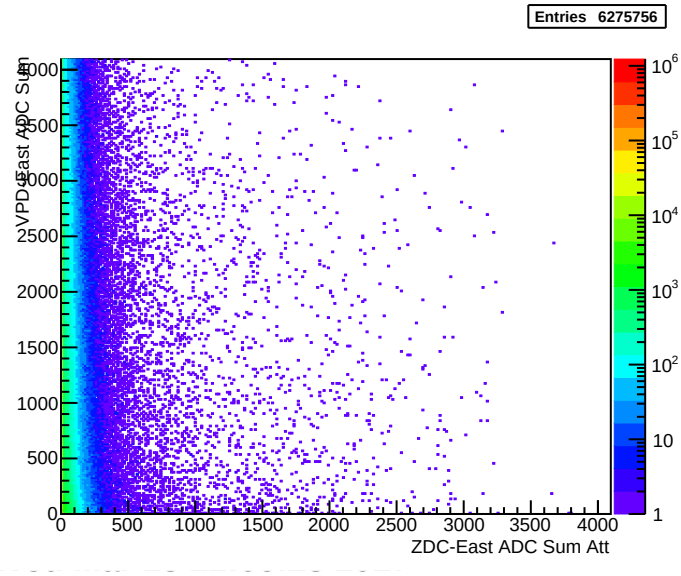

Entries 6275756
TOF Mult
ZDC-West ADC Sum Att

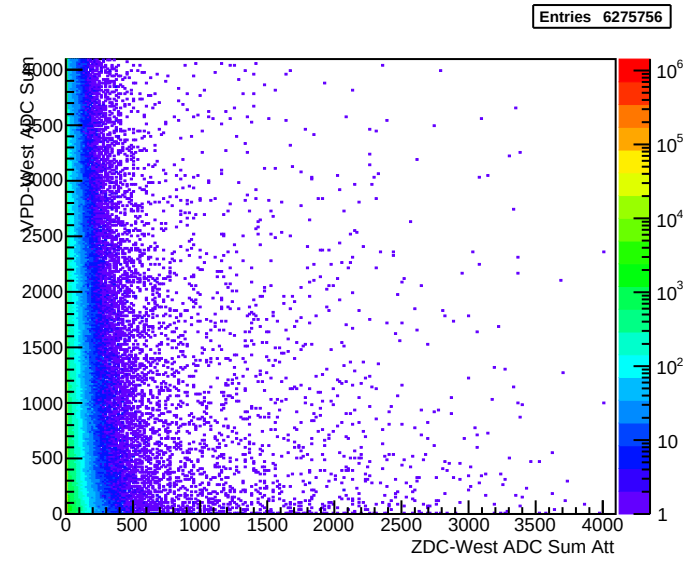

Entries 6275756
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

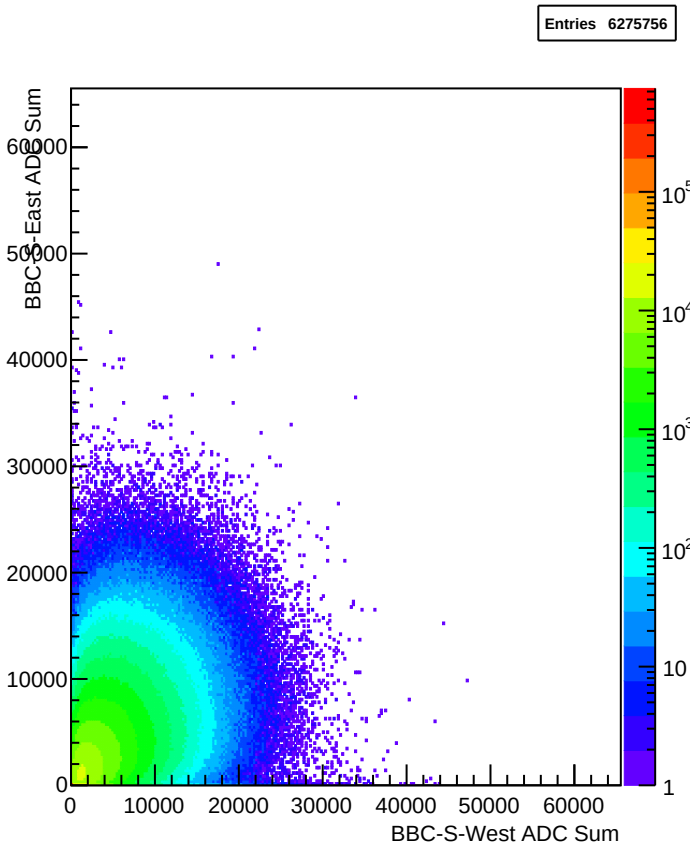

Entries 6275756
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

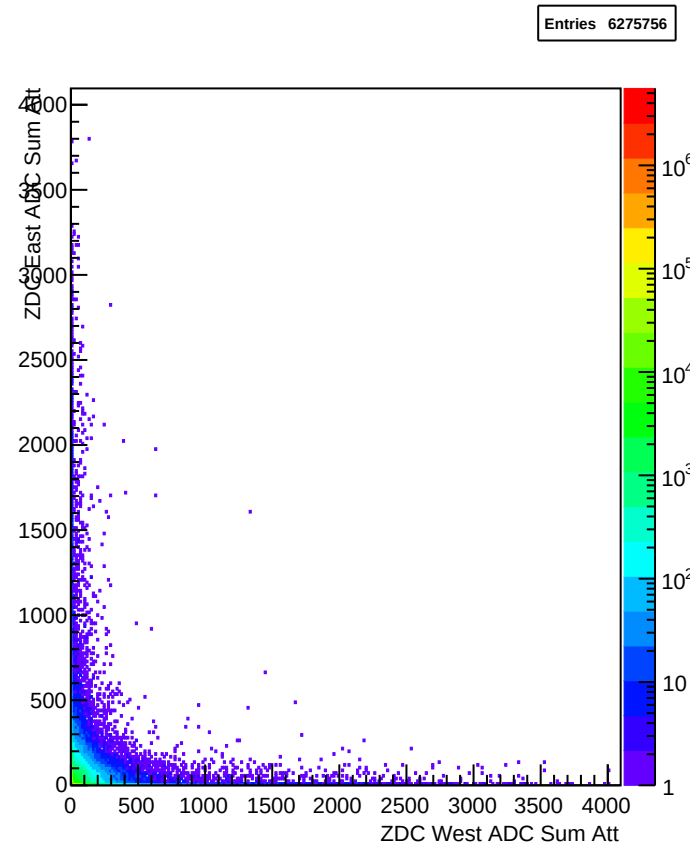

Entries 6275756
BBC-S-East ADC Sum
VPD-East ADC Sum

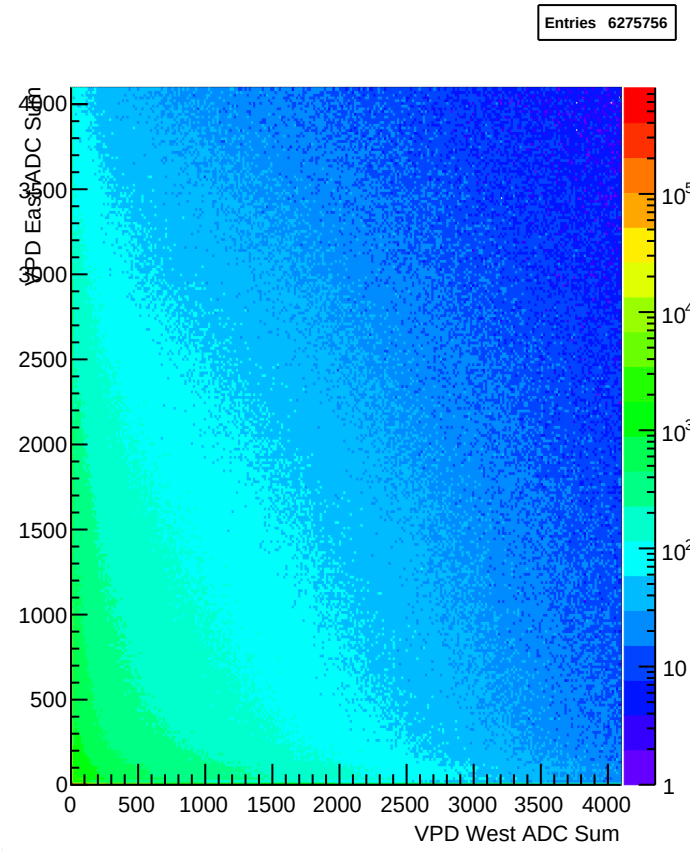

Entries 6275756
BBC-S-West ADC Sum
VPD-West ADC Sum

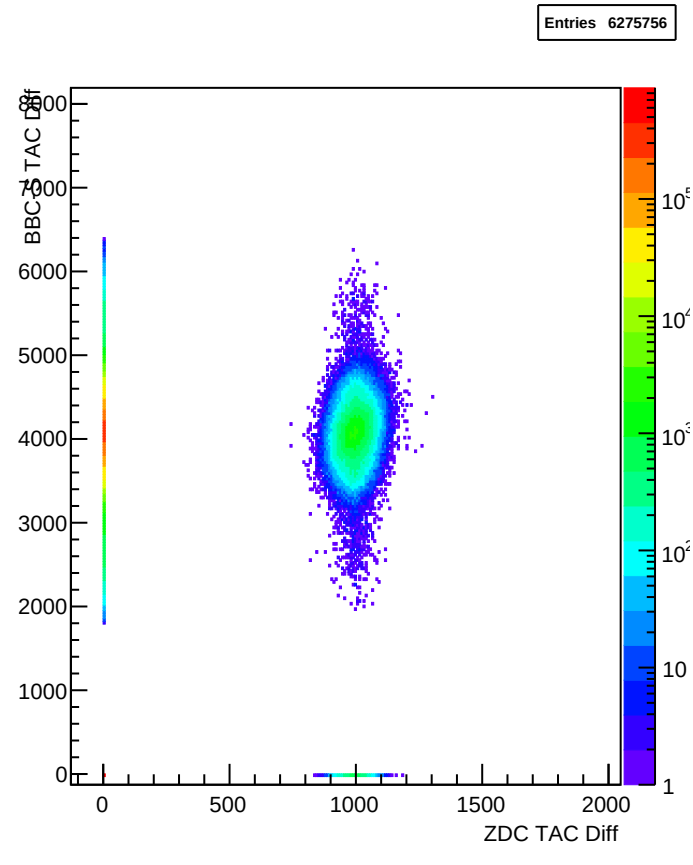

Entries 6275756
VPD-East ADC Sum
ZDC-East ADC Sum Att

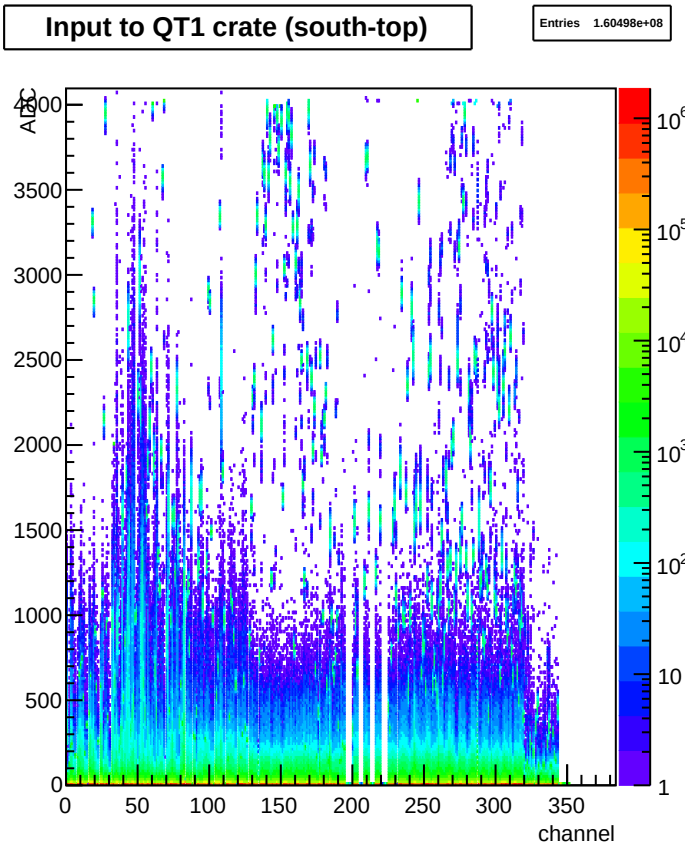

Entries 6275756
VPD-West ADC Sum
ZDC-West ADC Sum Att

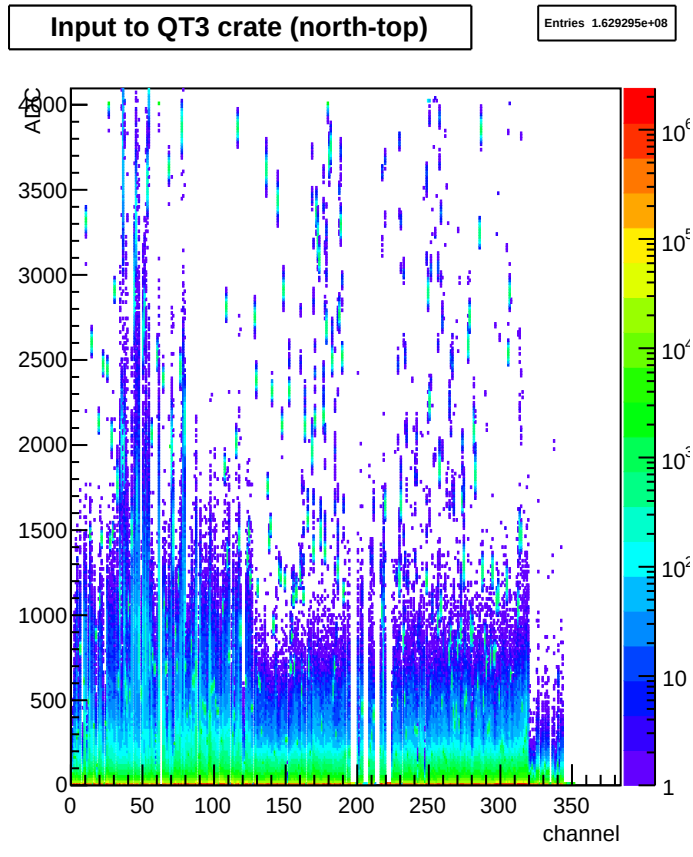

Entries 6275756
BBC-S-East ADC Sum
BBC-S-West ADC Sum

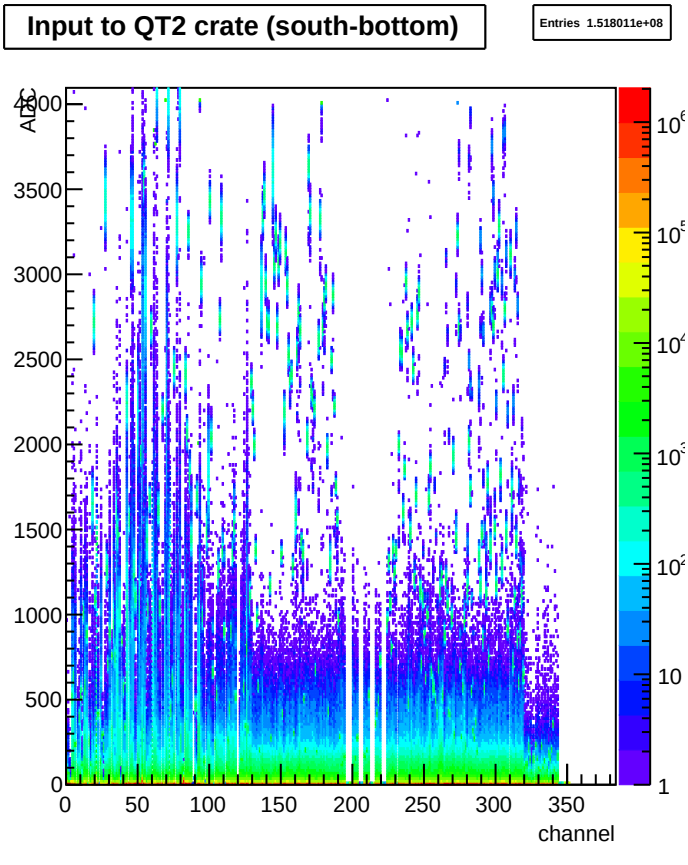

Entries 6275756
ZDC East ADC Sum Att
ZDC West ADC Sum Att

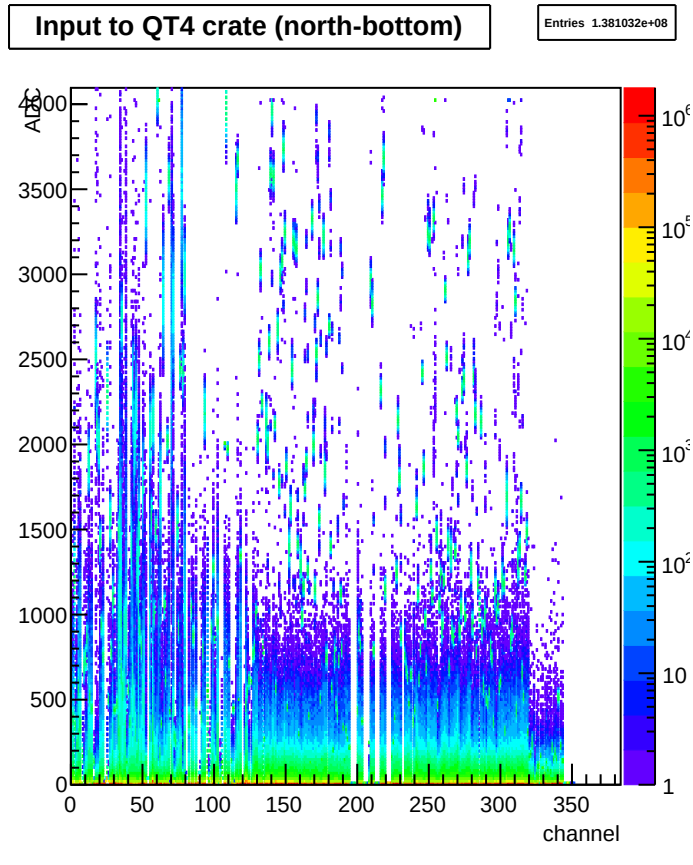

Entries 6275756
VPD East ADC Sum
VPD West ADC Sum

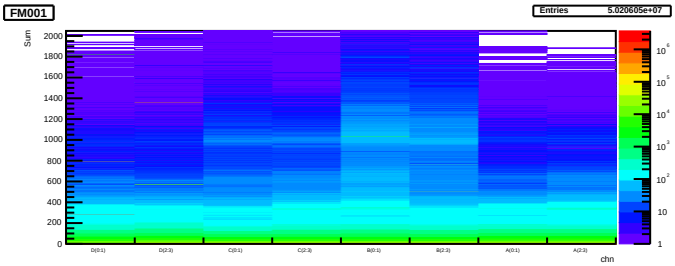

Entries 6275756
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 1.60498e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.629295e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.518011e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.381032e+08
ADC
channel


FM001
Entries 5.020605e+07
Sum
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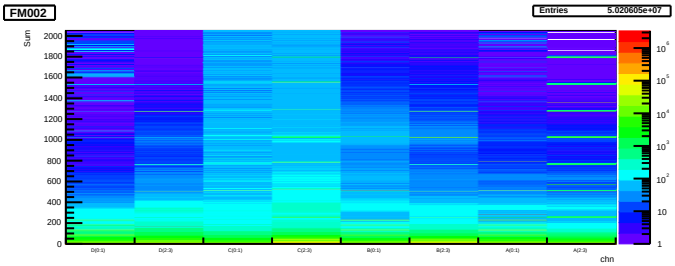
FM002
Entries 5.020605e+07
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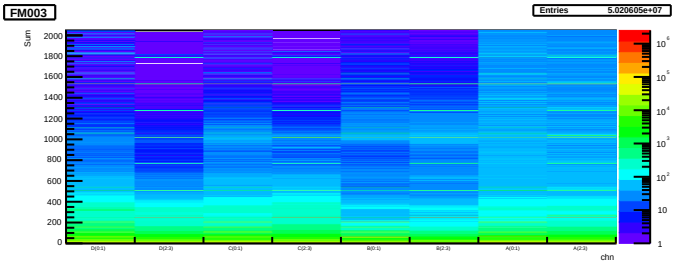
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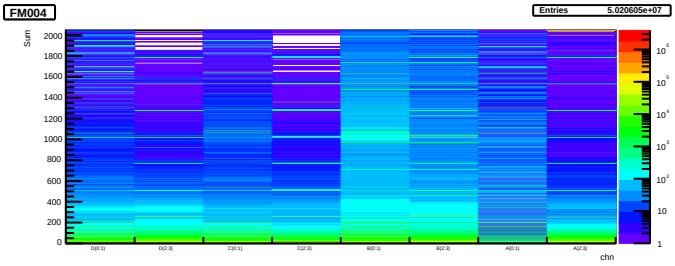
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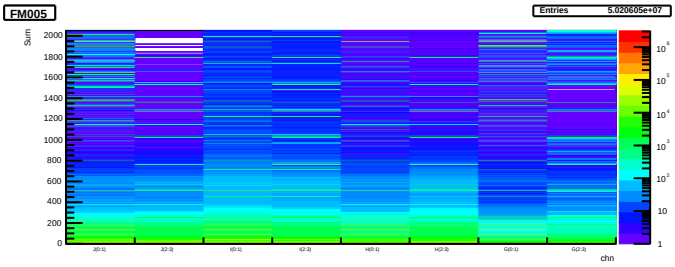
FM005
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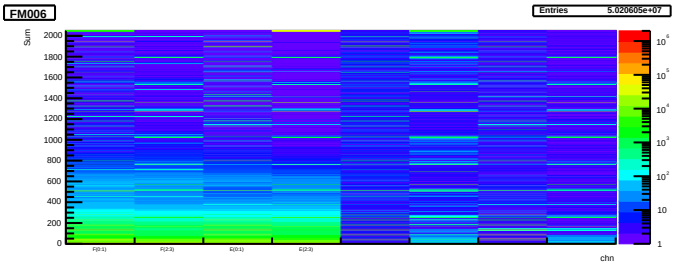
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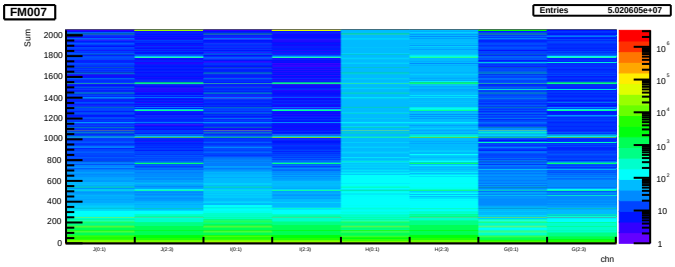
FM007
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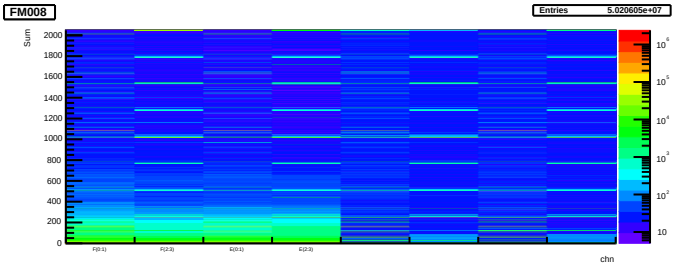
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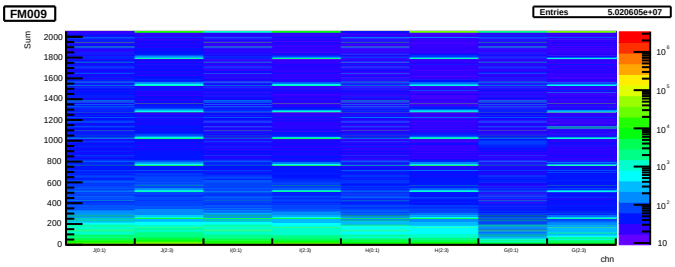
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Entries 5.020605e+07
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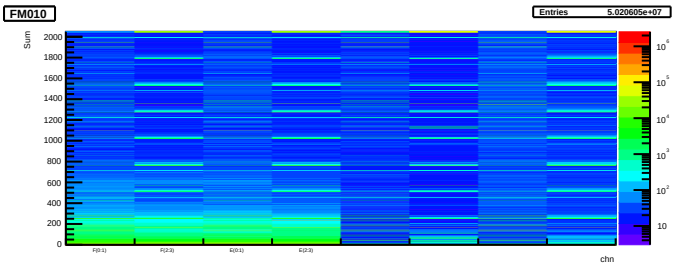
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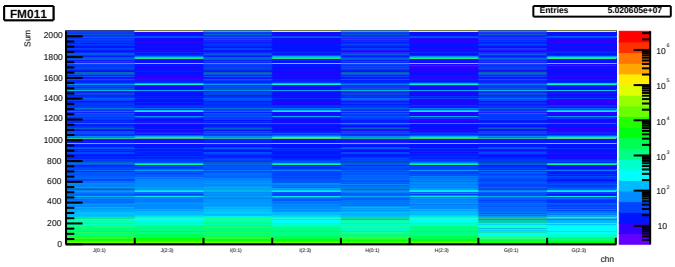
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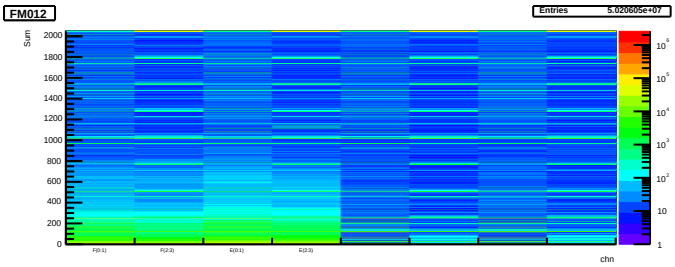
FM012
Entries 5.020605e+07
Sum
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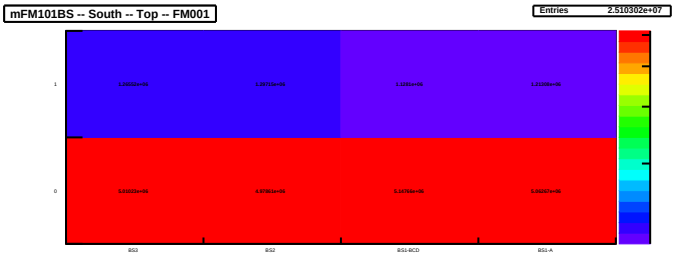
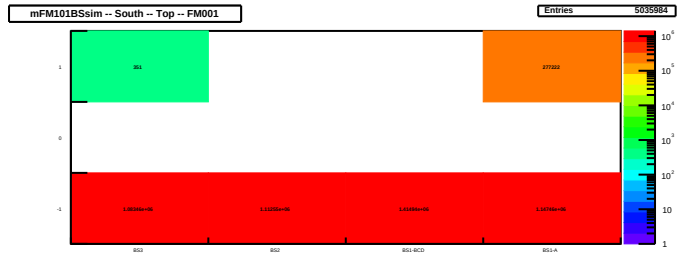

mFM101BS -- South -- Top -- FM001
Entries 2.510302e+07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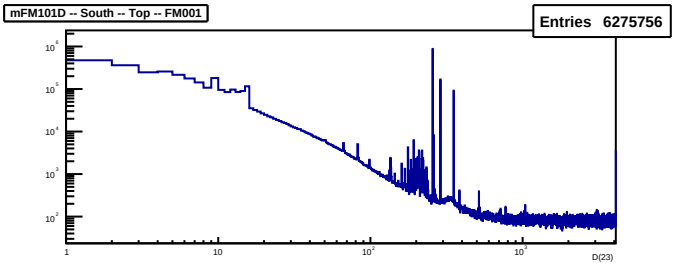
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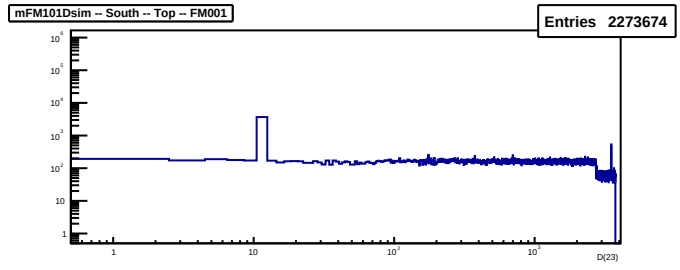
Entries 6275756
D(23)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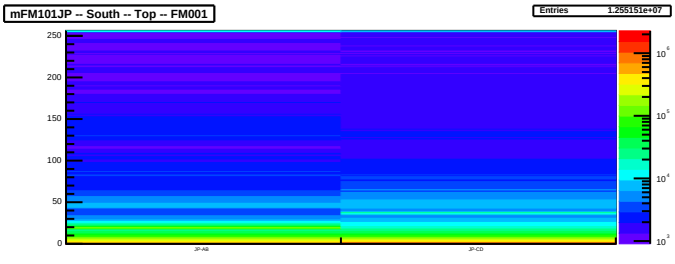
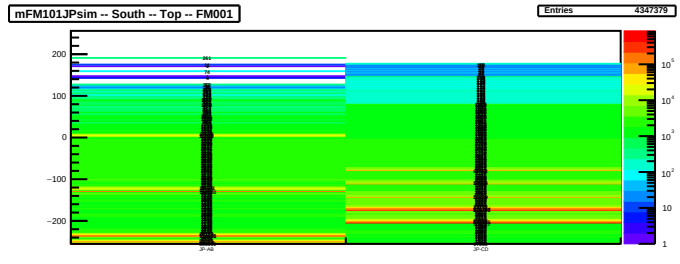

mFM101JP -- South -- Top -- FM001
Entries 1.255151e+07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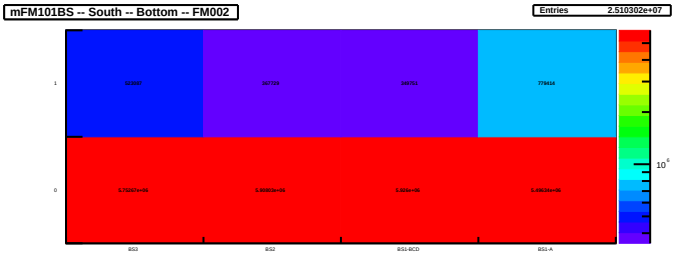
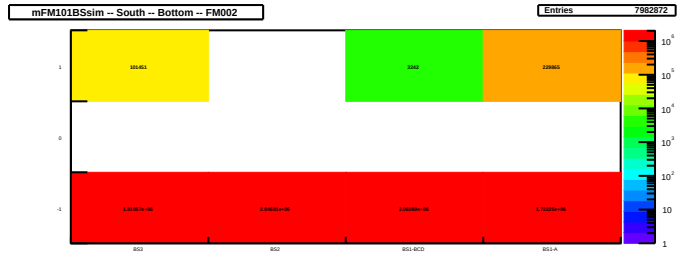

mFM101BS -- South -- Bottom -- FM002
Entries 2.510302e+07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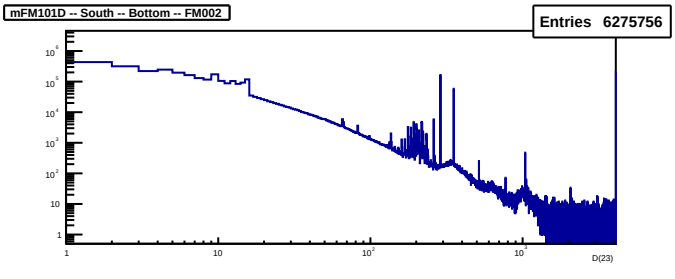
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Entries 6275756
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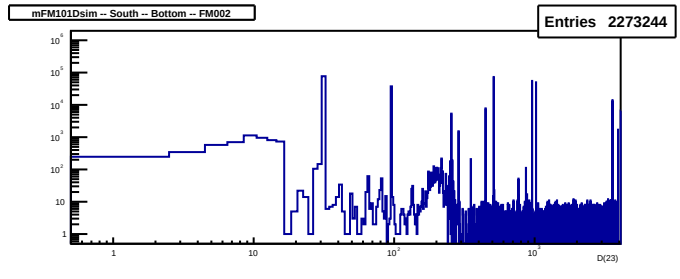
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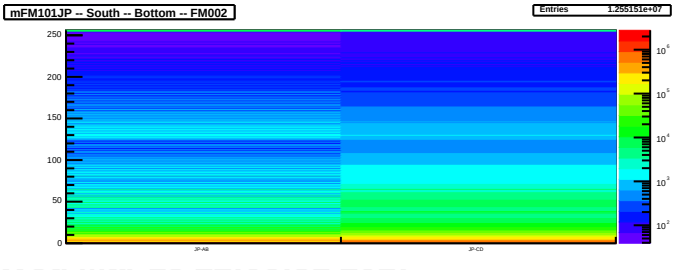
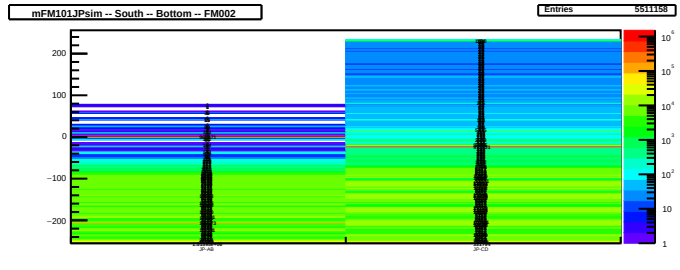
Entries 2273244
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1.255151e+07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Entries 5511158

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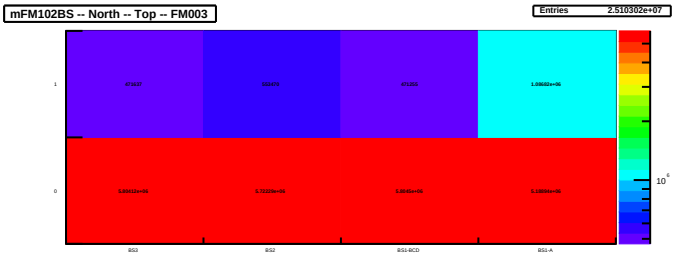

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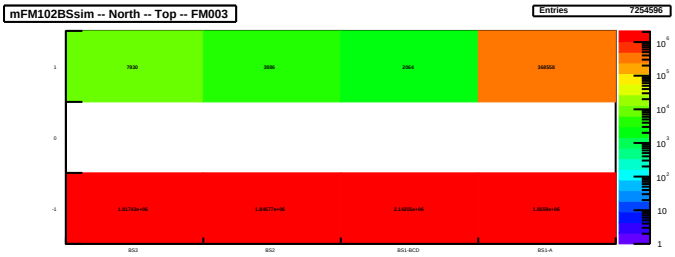

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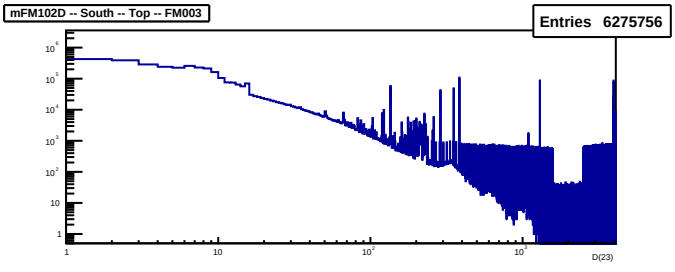

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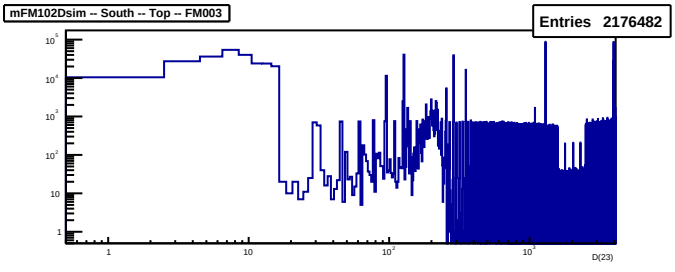

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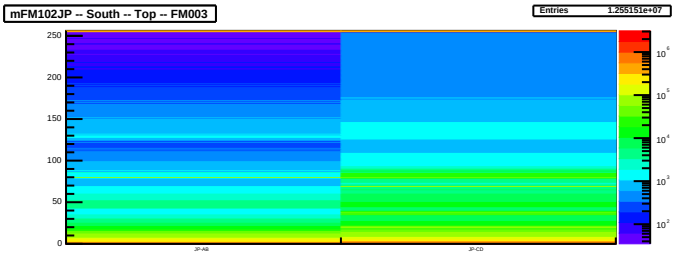

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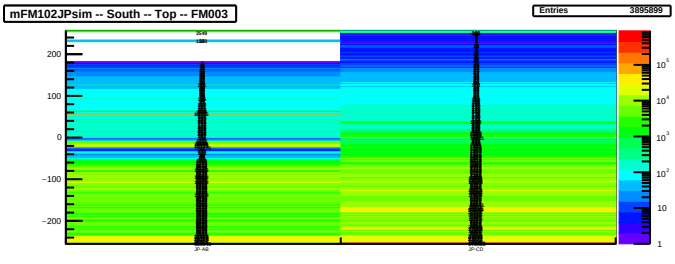
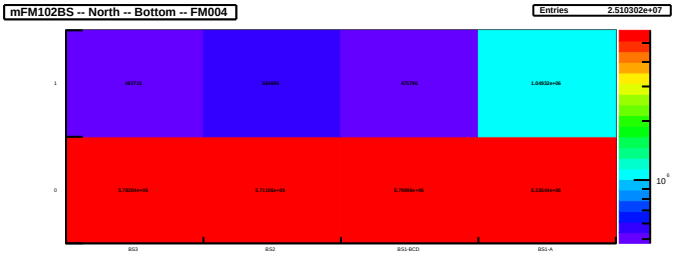


mFM102BS -- North -- Bottom -- FM004



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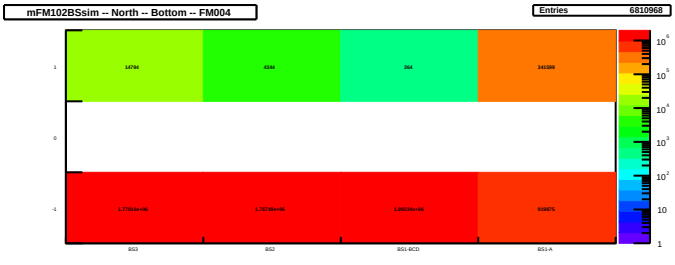

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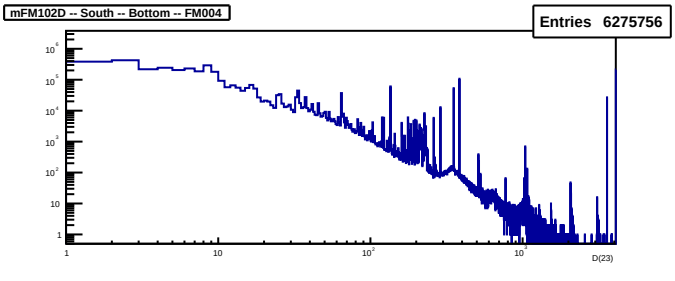

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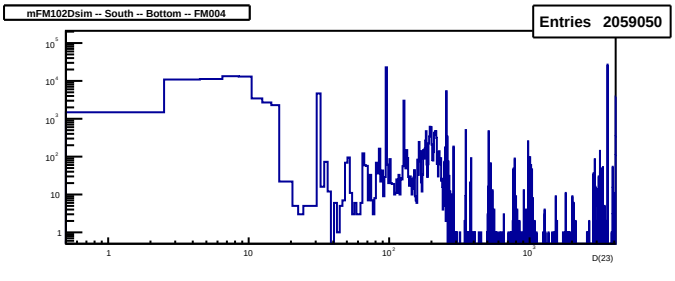

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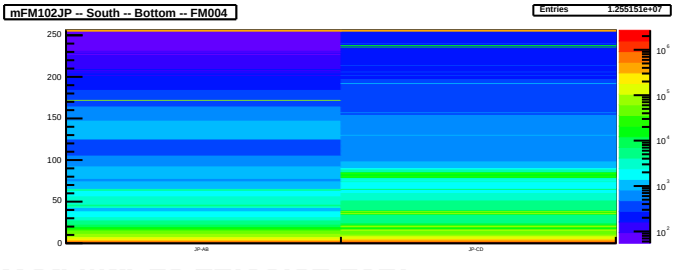

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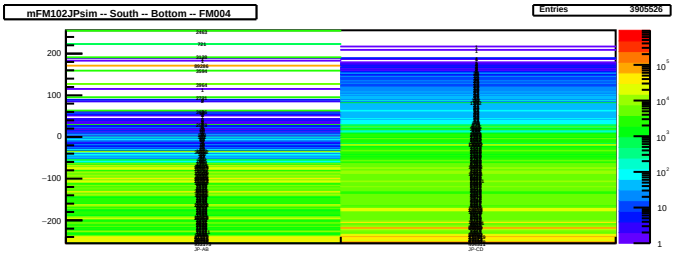
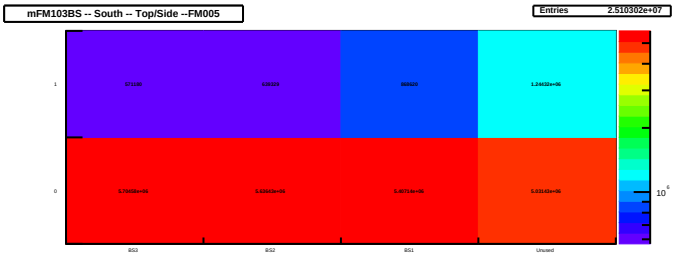
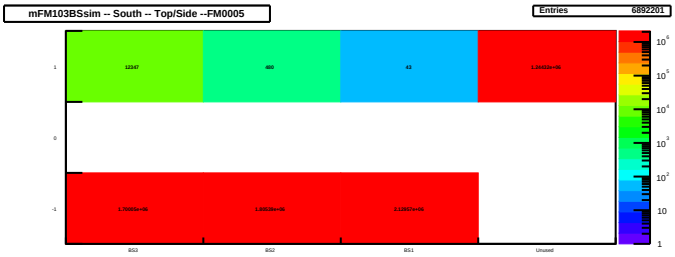



mFM103BS -- South -- Top/Side --FM005
Entries 2.510302e+07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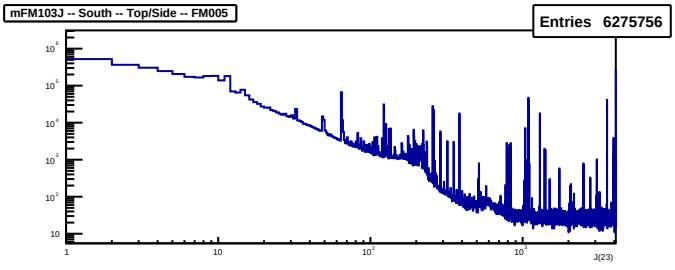
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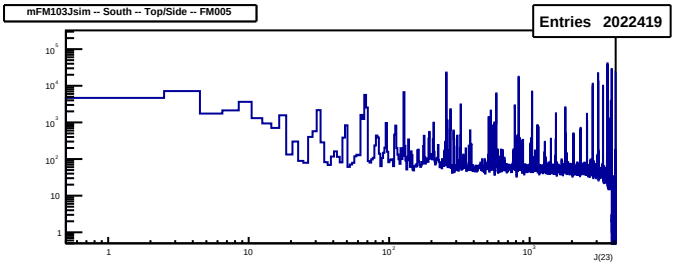
Entries 6275756
J(23)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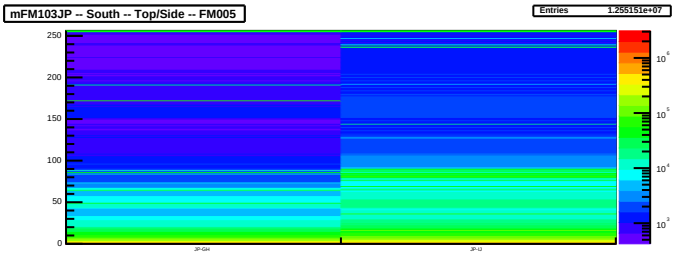
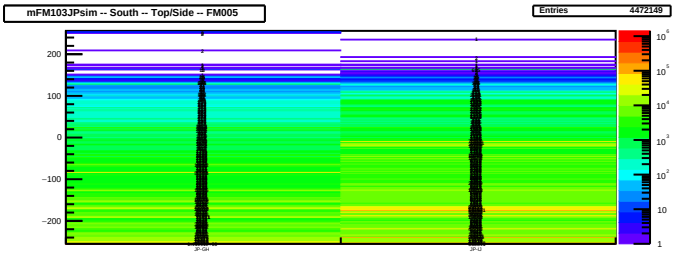

mFM103JP -- South -- Top/Side -- FM005
Entries 1.255151e+07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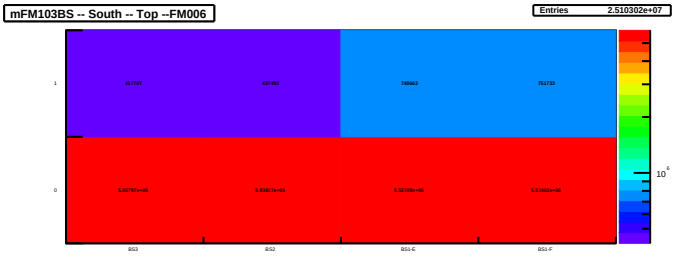
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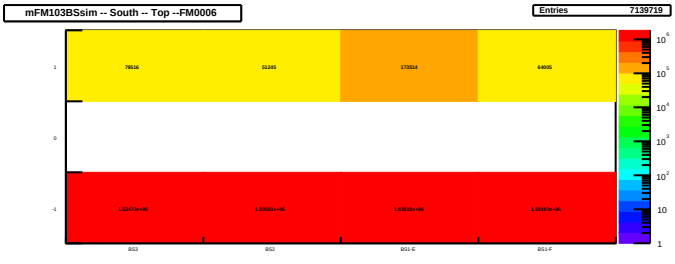
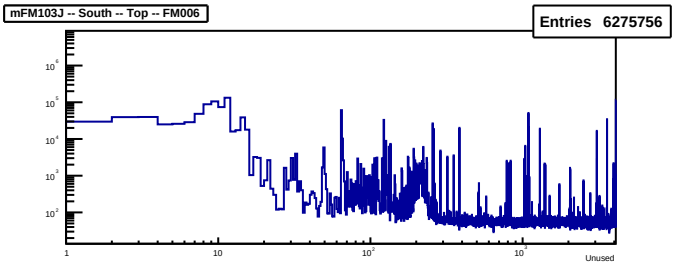
Entries 2.510302e+07


mFM103BSsim -- South -- Top --FM0006
Entries 7139719


mFM103J -- South -- Top -- FM006
Entries 6275756
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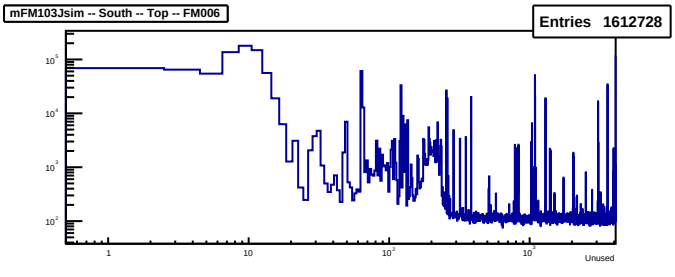
mFM103Jsim -- South -- Top -- FM006
Entries 1612728
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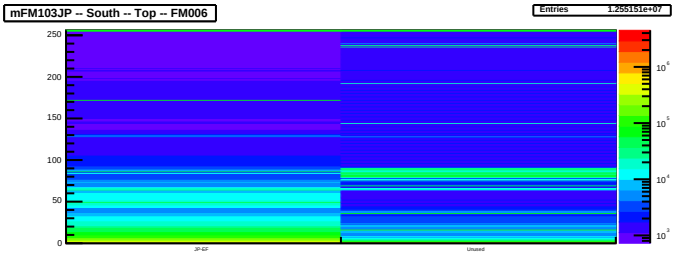
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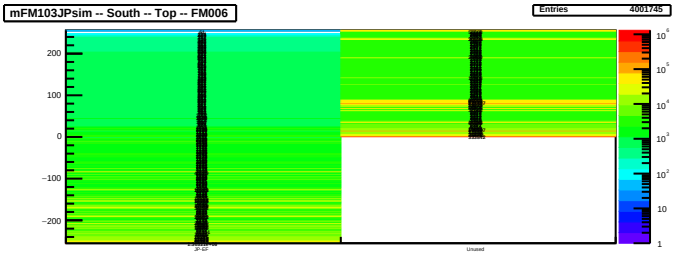
Entries 1.255151e+07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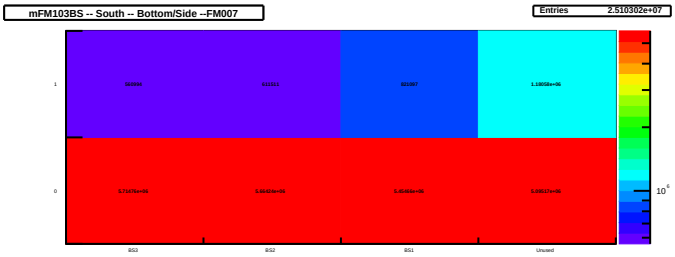
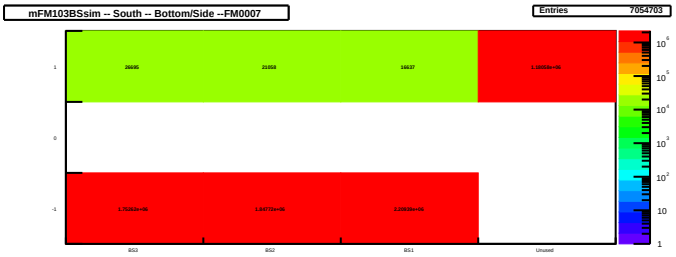

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.510302e+07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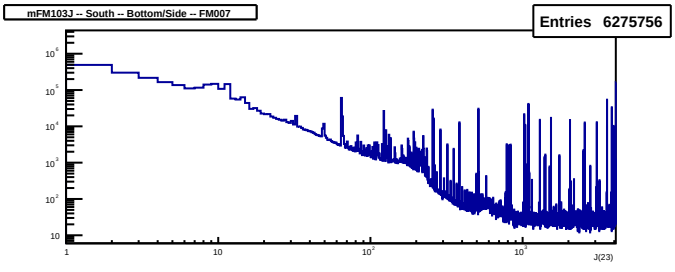
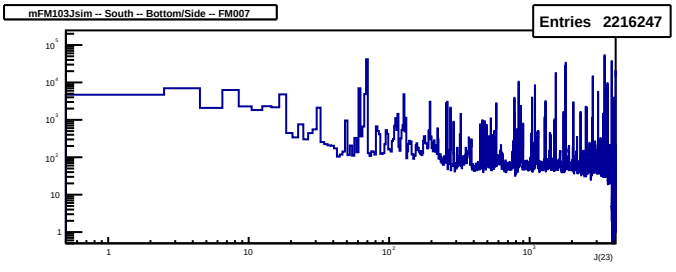

mFM103J -- South -- Bottom/Side -- FM007
Entries 6275756
J(23)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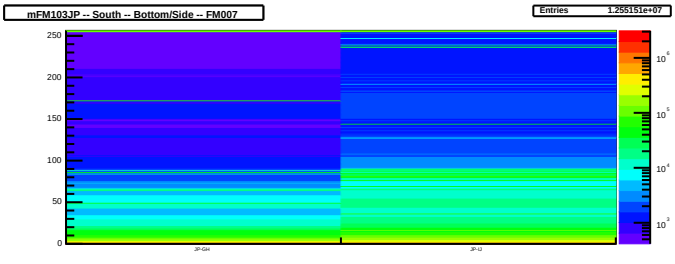
J(23)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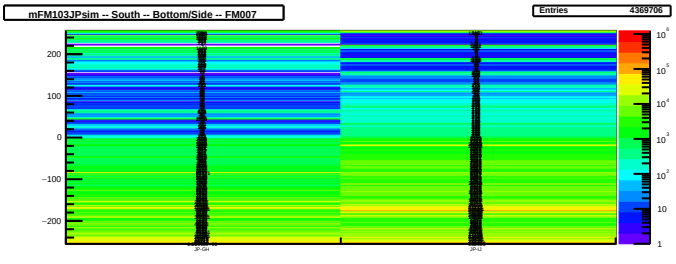
Entries 1.255151e+07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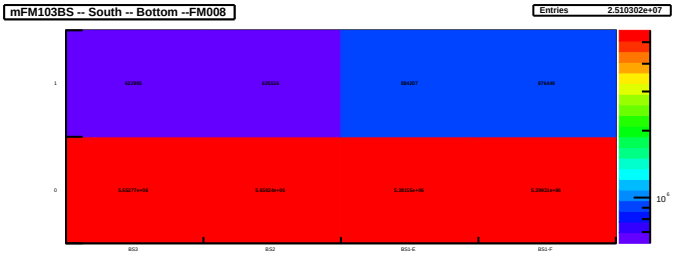
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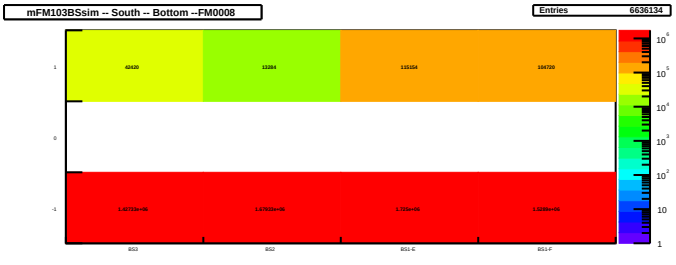
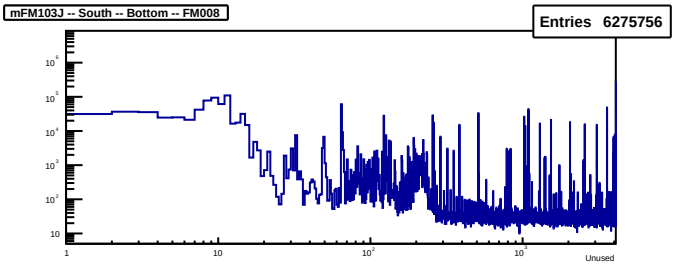
Entries 2.510302e+07


mFM103BSsim -- South -- Bottom --FM0008
Entries 6636134


mFM103J -- South -- Bottom -- FM008
Entries 6275756
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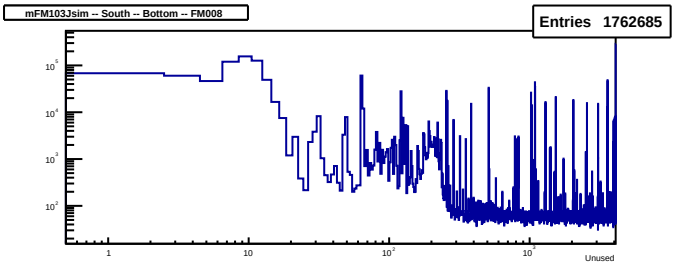
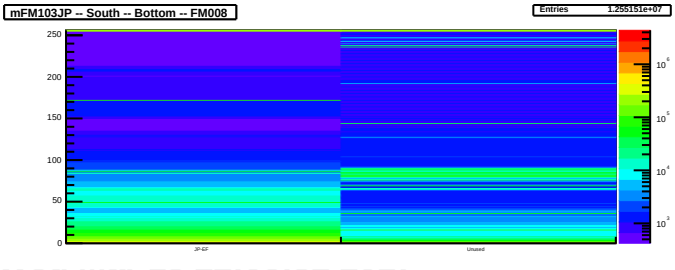
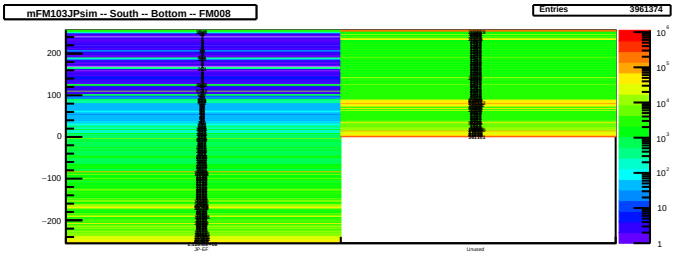
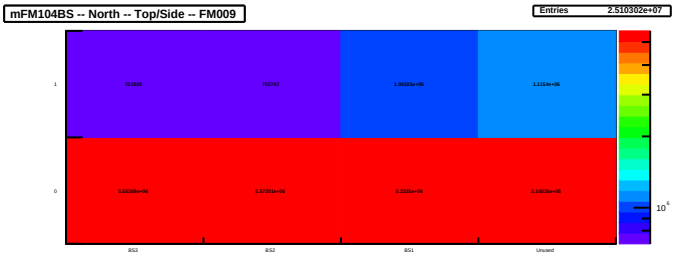
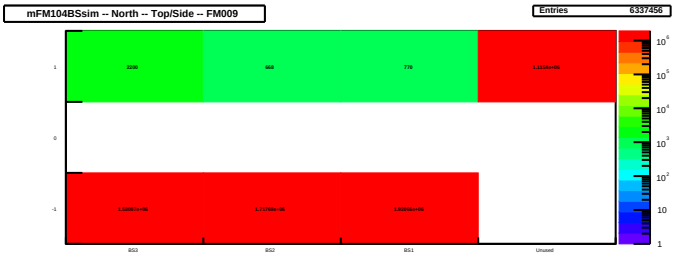

mFM103Jsim -- South -- Bottom -- FM008
Entries 1762685
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1.255151e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3961374


mFM104BS -- North -- Top/Side -- FM009
Entries 2.510302e+07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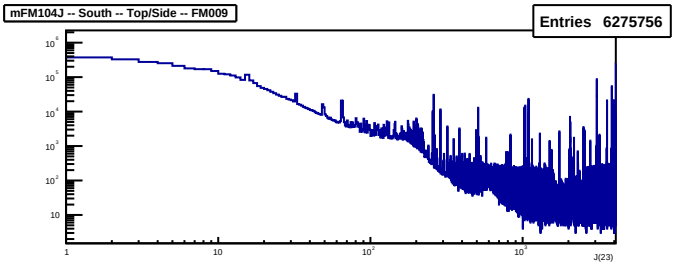
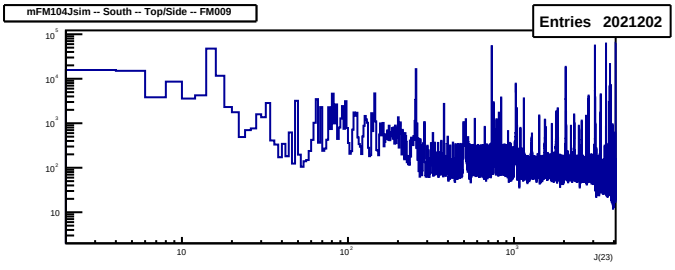
Entries 6337456


mFM104J -- South -- Top/Side -- FM009
Entries 6275756
J(23)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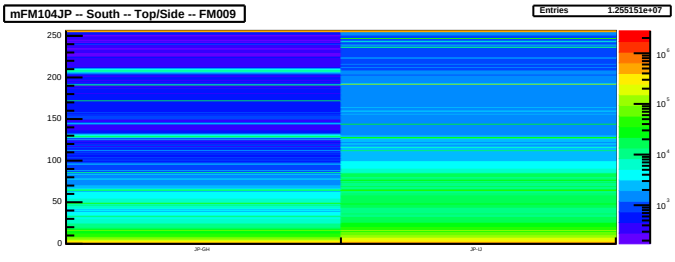
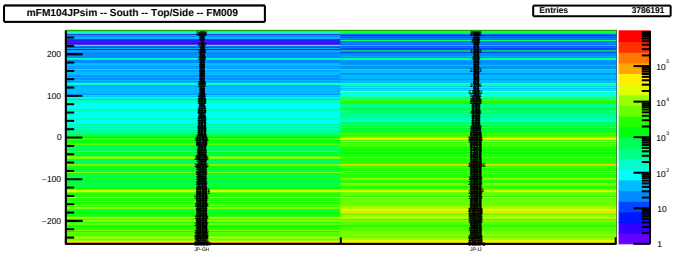
Entries 2021202
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.255151e+07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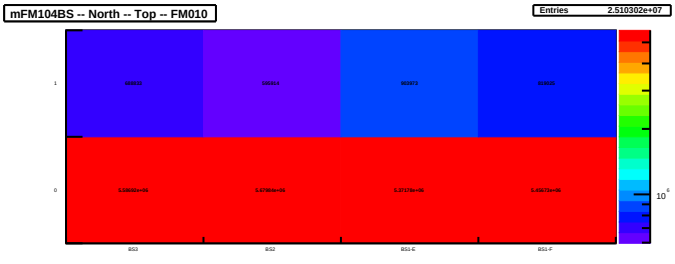
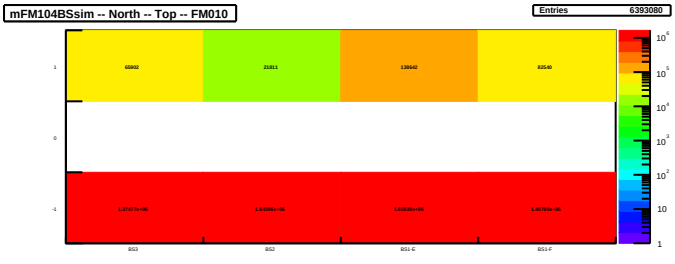
Entries 3786191


mFM104BS -- North -- Top -- FM010
Entries 2.510302e+07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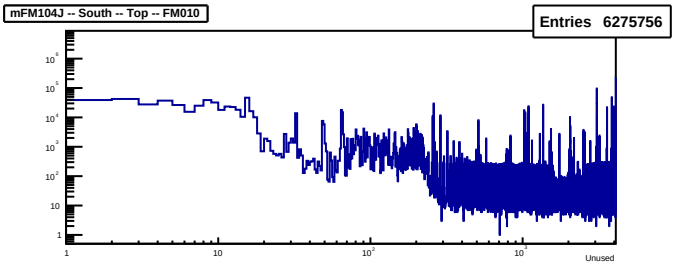
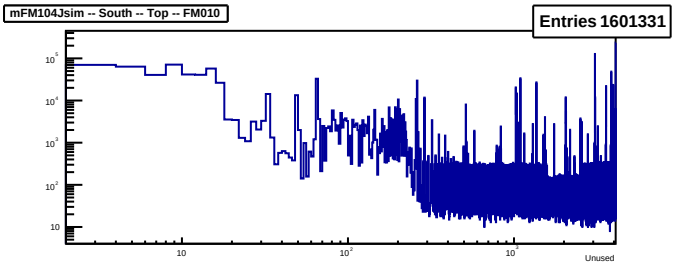
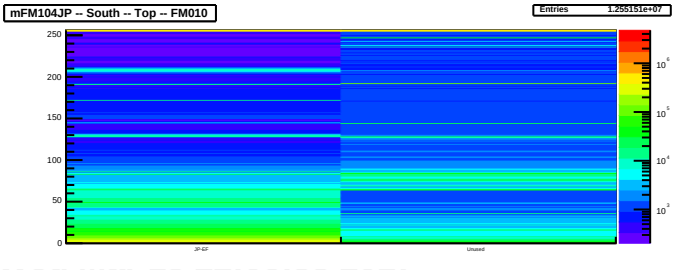
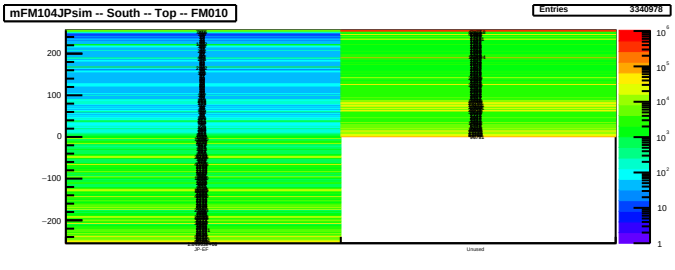
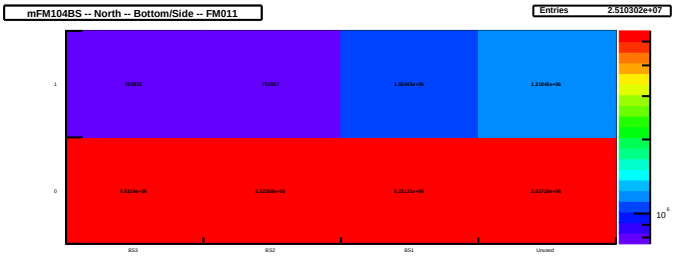
Entries 6393080

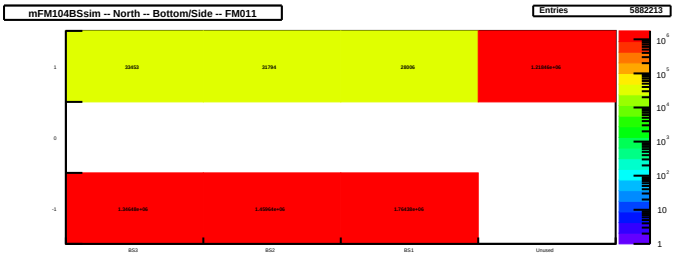

mFM104J -- South -- Top -- FM010
Entries 6275756
Unused

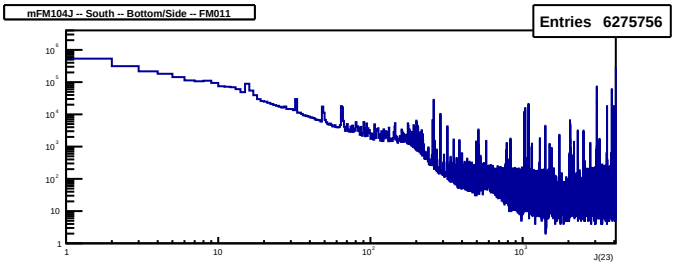

mFM104Jsim -- South -- Top -- FM010
Entries 1601331
Unused

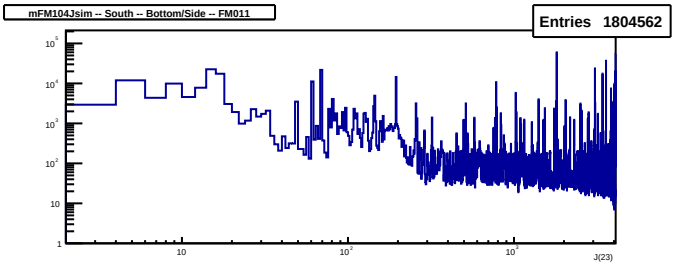

mFM104JP -- South -- Top -- FM010
Entries 1.255151e+07

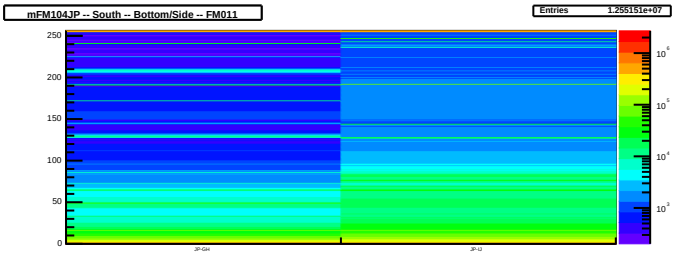

mFM104JPsim -- South -- Top -- FM010
Entries 3340978

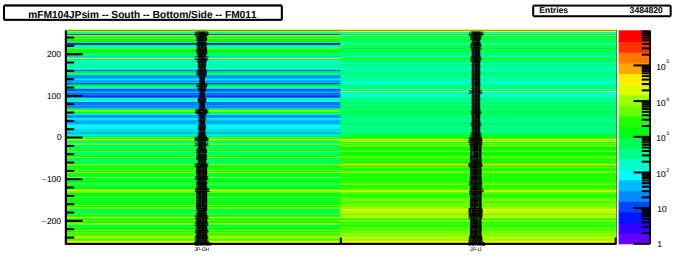

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.510302e+07

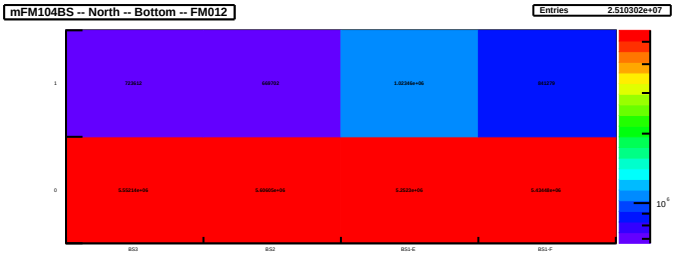

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5882213

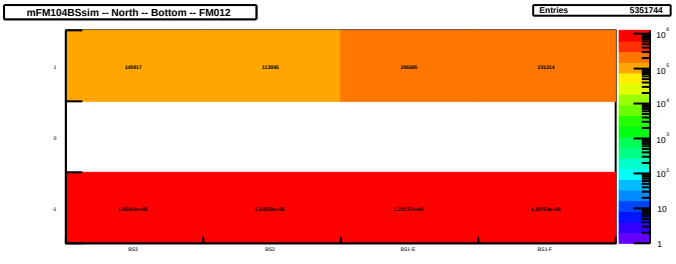

mFM104J -- South -- Bottom/Side -- FM011
Entries 6275756
J(23)

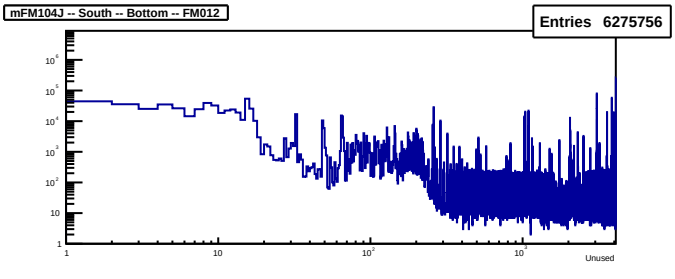

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1804562
J(23)

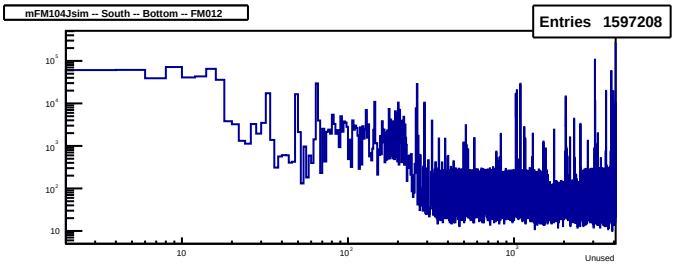

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.255151e+07

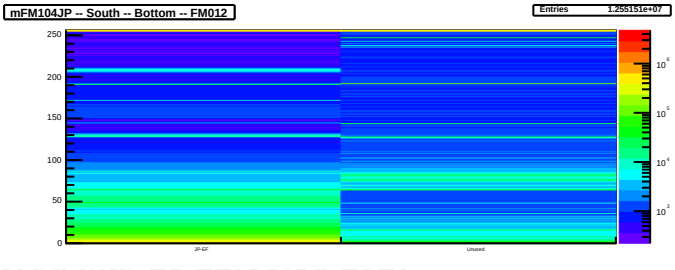

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3484820

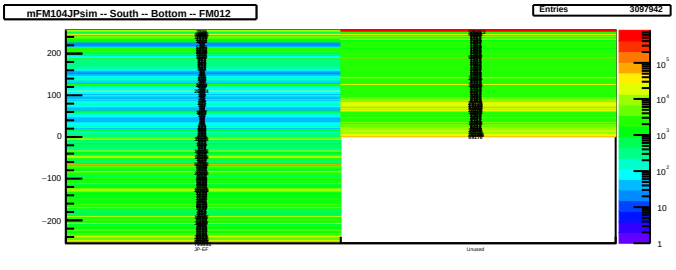

mFM104BS -- North -- Bottom -- FM012
Entries 2.510302e+07

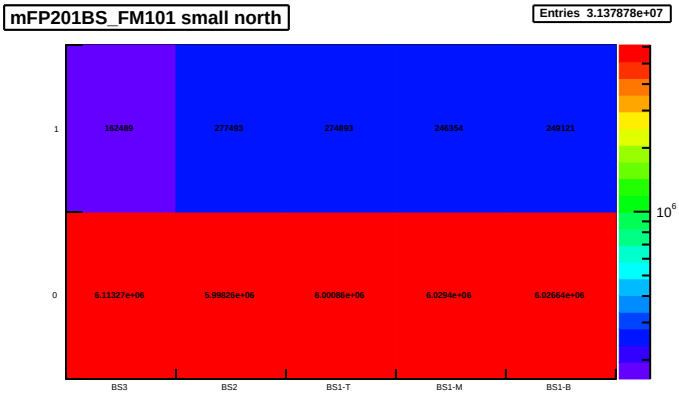

mFM104BSsim -- North -- Bottom -- FM012
Entries 5351744

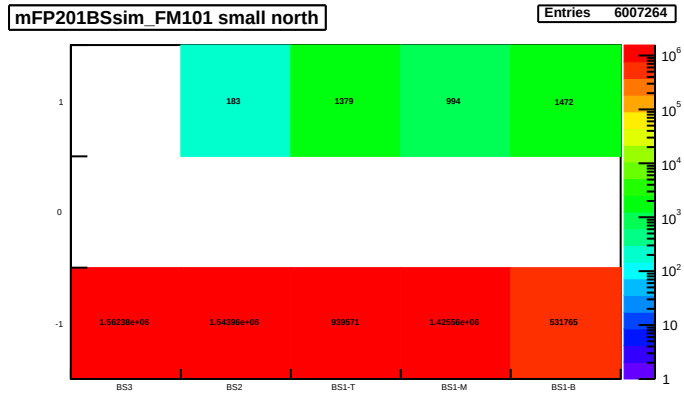

mFM104J -- South -- Bottom -- FM012
Entries 6275756
Unused

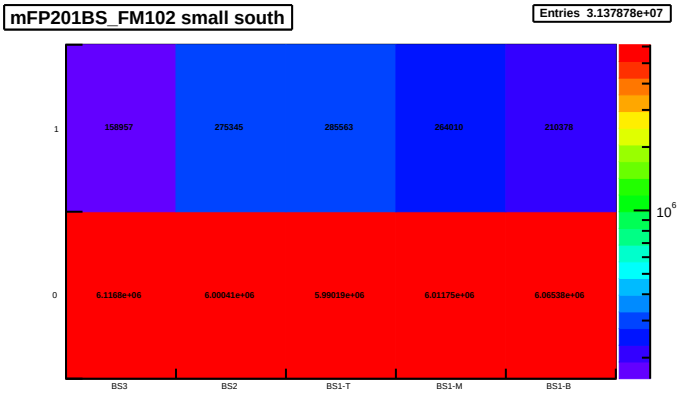

mFM104Jsim -- South -- Bottom -- FM012
Entries 1597208
Unused

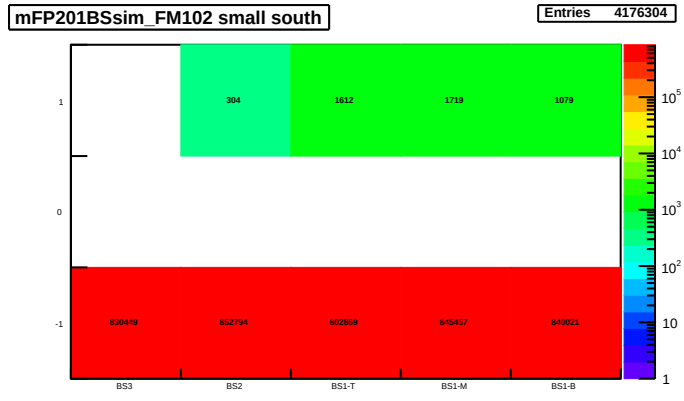

mFM104JP -- South -- Bottom -- FM012
Entries 1.255151e+07

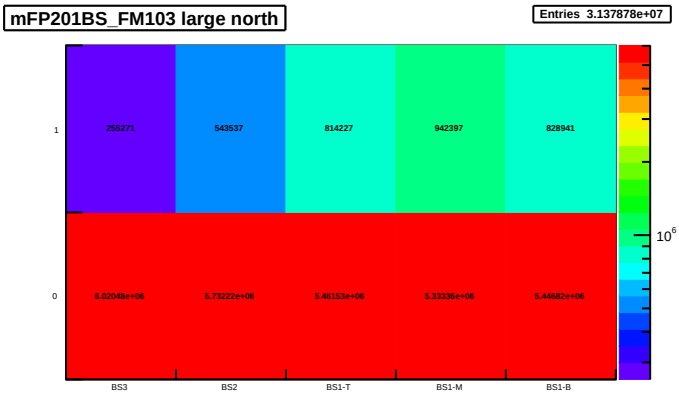

mFM104JPsim -- South -- Bottom -- FM012
Entries 3097942

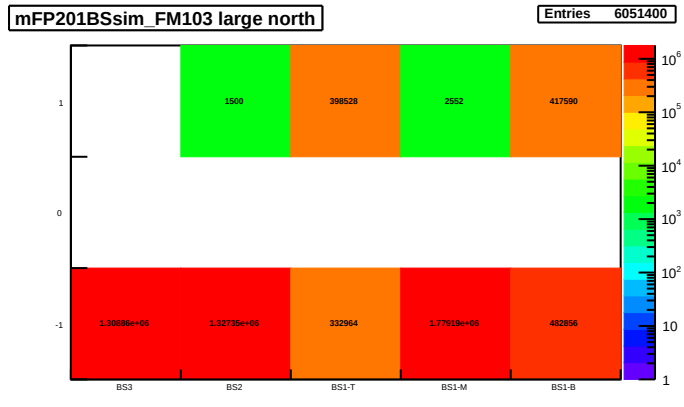

mFP201BS_FM101 small north
Entries 3.137878e+07
1
0
162489
277493
274893
246354
249121
6.11327e+06
5.99826e+06
6.00086e+06
6.0294e+06
6.02664e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

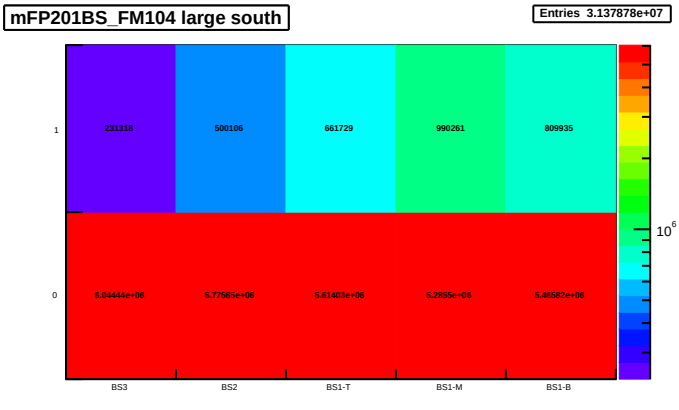

mFP201BSsim_FM101 small north
Entries 6007264
1
0
-1
183
1379
994
1472
1.56238e+06
1.54396e+06
939571
1.42556e+06
531765
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

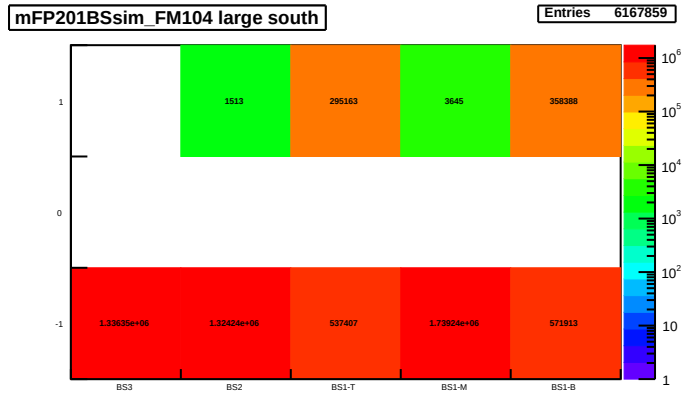

mFP201BS_FM102 small south
Entries 3.137878e+07
1
0
158957
275345
285563
264010
210378
6.1168e+06
6.00041e+06
5.99019e+06
6.01175e+06
6.06538e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

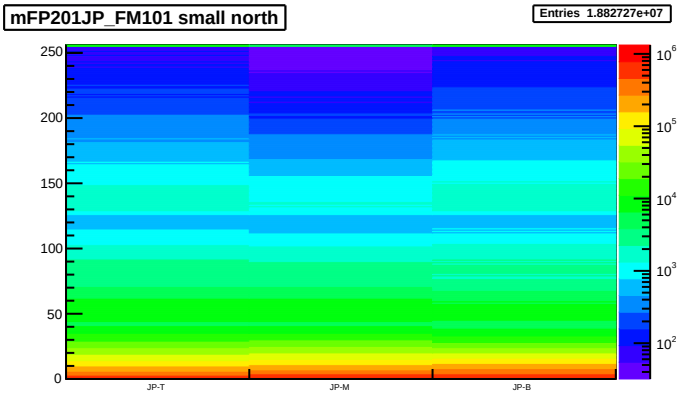

mFP201BSsim_FM102 small south
Entries 4176304
1
0
-1
304
1612
1719
1079
830449
852794
802869
845457
840021
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

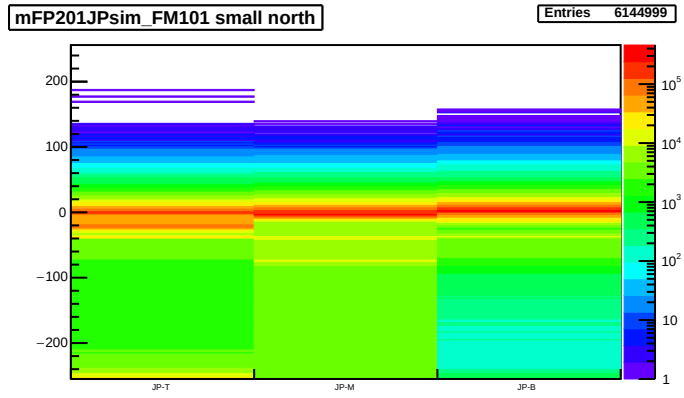

mFP201BS_FM103 large north
Entries 3.137878e+07
1
0
255271
543537
814227
942397
828941
6.02048e+06
5.73222e+06
5.46153e+06
5.33336e+06
5.44682e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

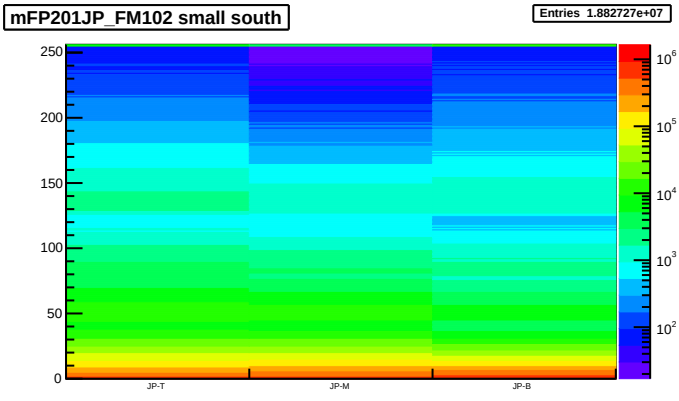

mFP201BSsim_FM103 large north
Entries 6051400
1
0
-1
1500
398528
2552
417590
1.30886e+06
1.32735e+06
332964
1.77919e+06
482856
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

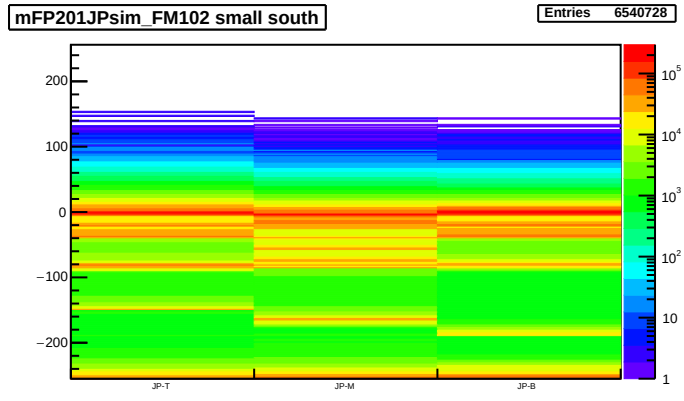

mFP201BS_FM104 large south
Entries 3.137878e+07
1
0
231318
500106
661729
990261
809935
6.04444e+06
5.77565e+06
5.61403e+06
5.2855e+06
5.46582e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

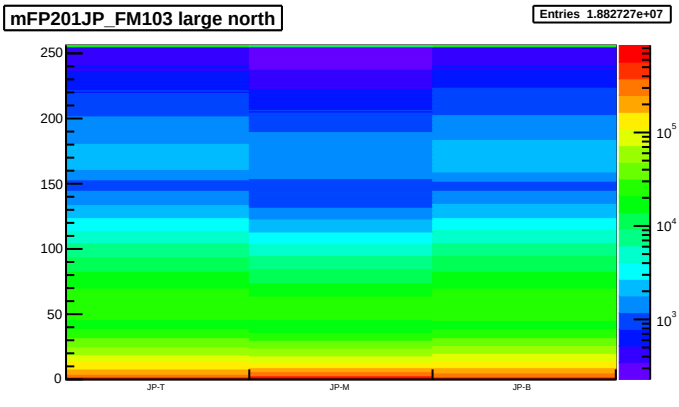

mFP201BSsim_FM104 large south
Entries 6167859
1
0
-1
1513
295163
3645
358388
1.33635e+06
1.32424e+06
537407
1.73924e+06
571913
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

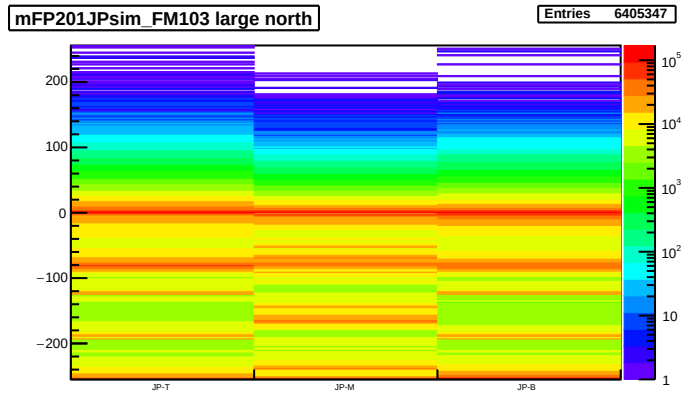

mFP201JP_FM101 small north
Entries 1.882727e+07
JP-T
JP-M
JP-B

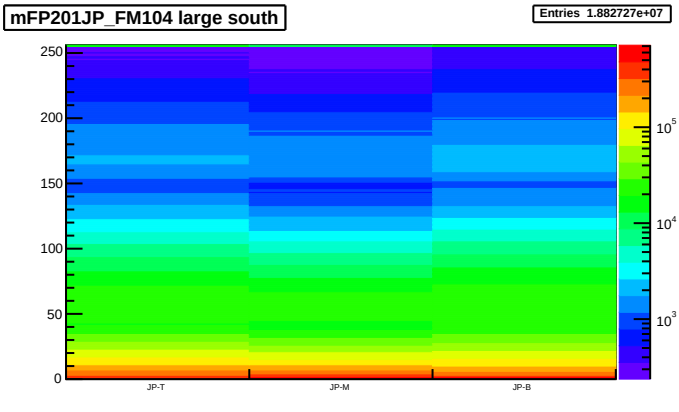

mFP201JPsim_FM101 small north
Entries 6144999
JP-T
JP-M
JP-B

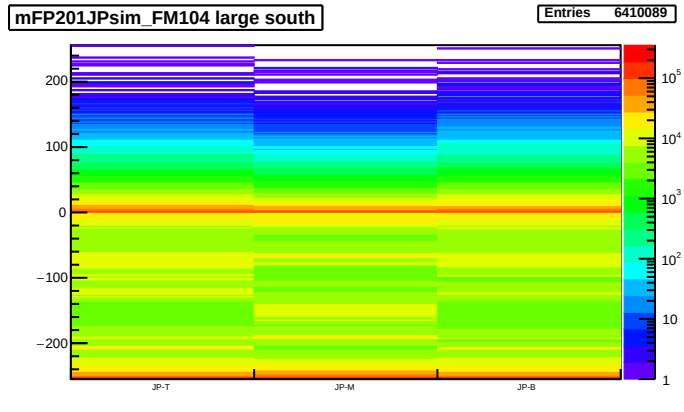

mFP201JP_FM102 small south
Entries 1.882727e+07
JP-T
JP-M
JP-B

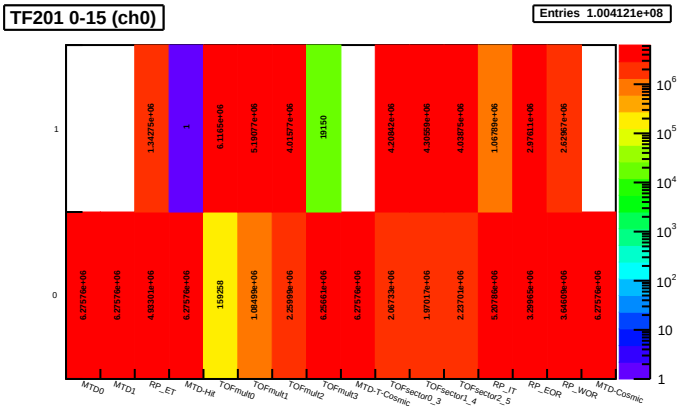

mFP201JPsim_FM102 small south
Entries 6540728
JP-T
JP-M
JP-B

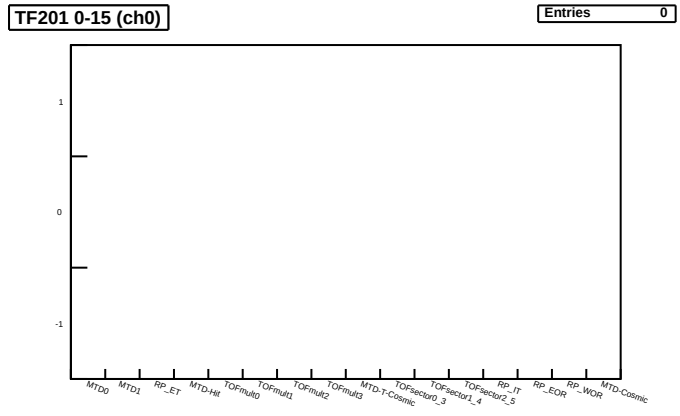

mFP201JP_FM103 large north
Entries 1.882727e+07
JP-T
JP-M
JP-B

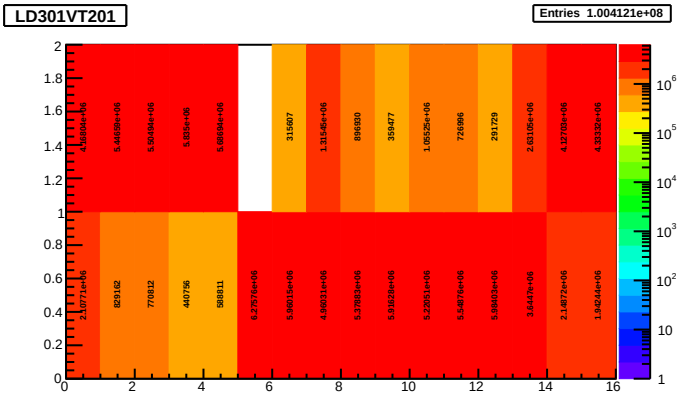

mFP201JPsim_FM103 large north
Entries 6405347
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.882727e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 6410089
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.004121e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
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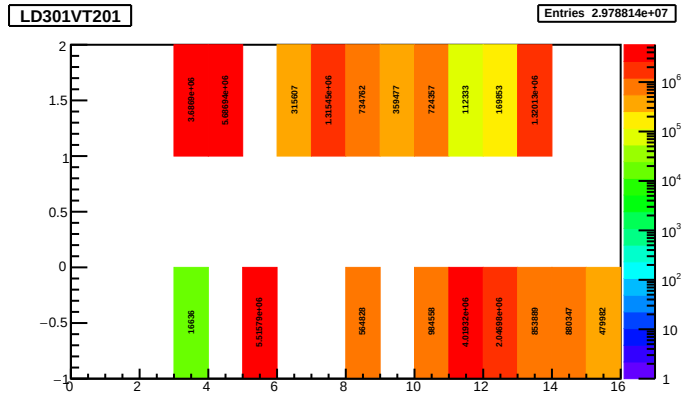
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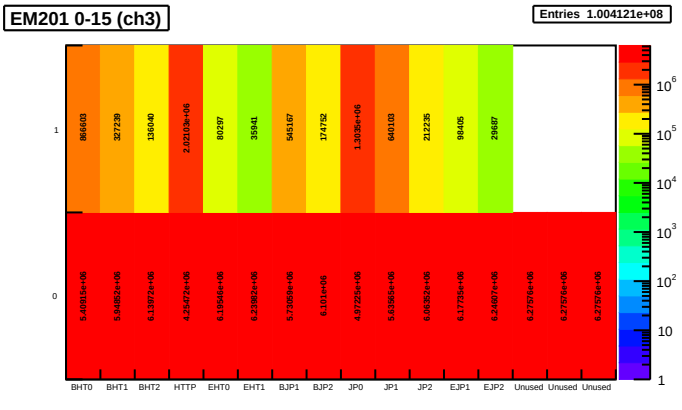
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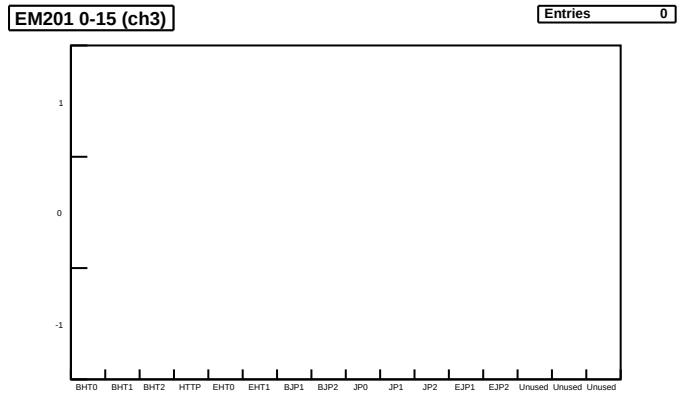
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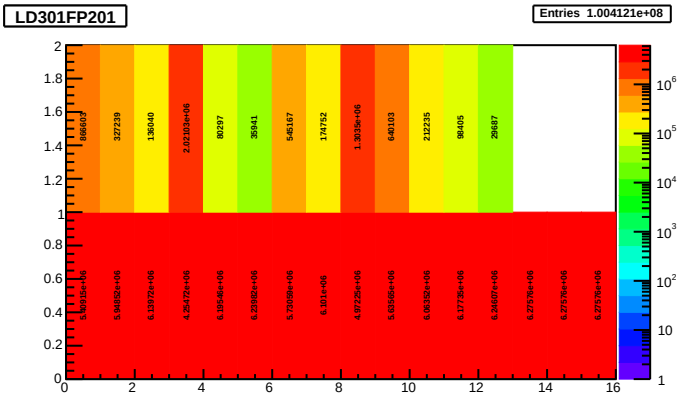
LD301FP201
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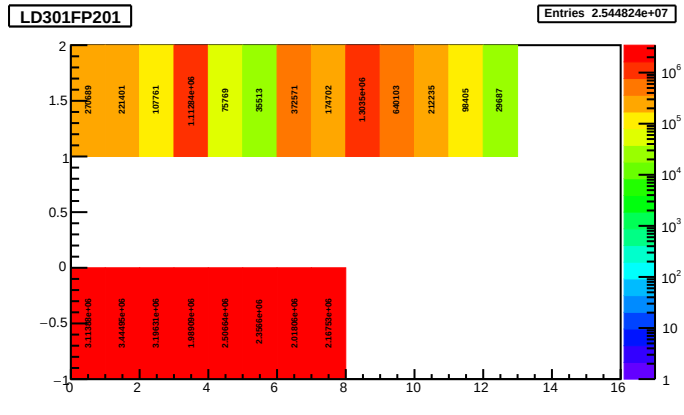
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