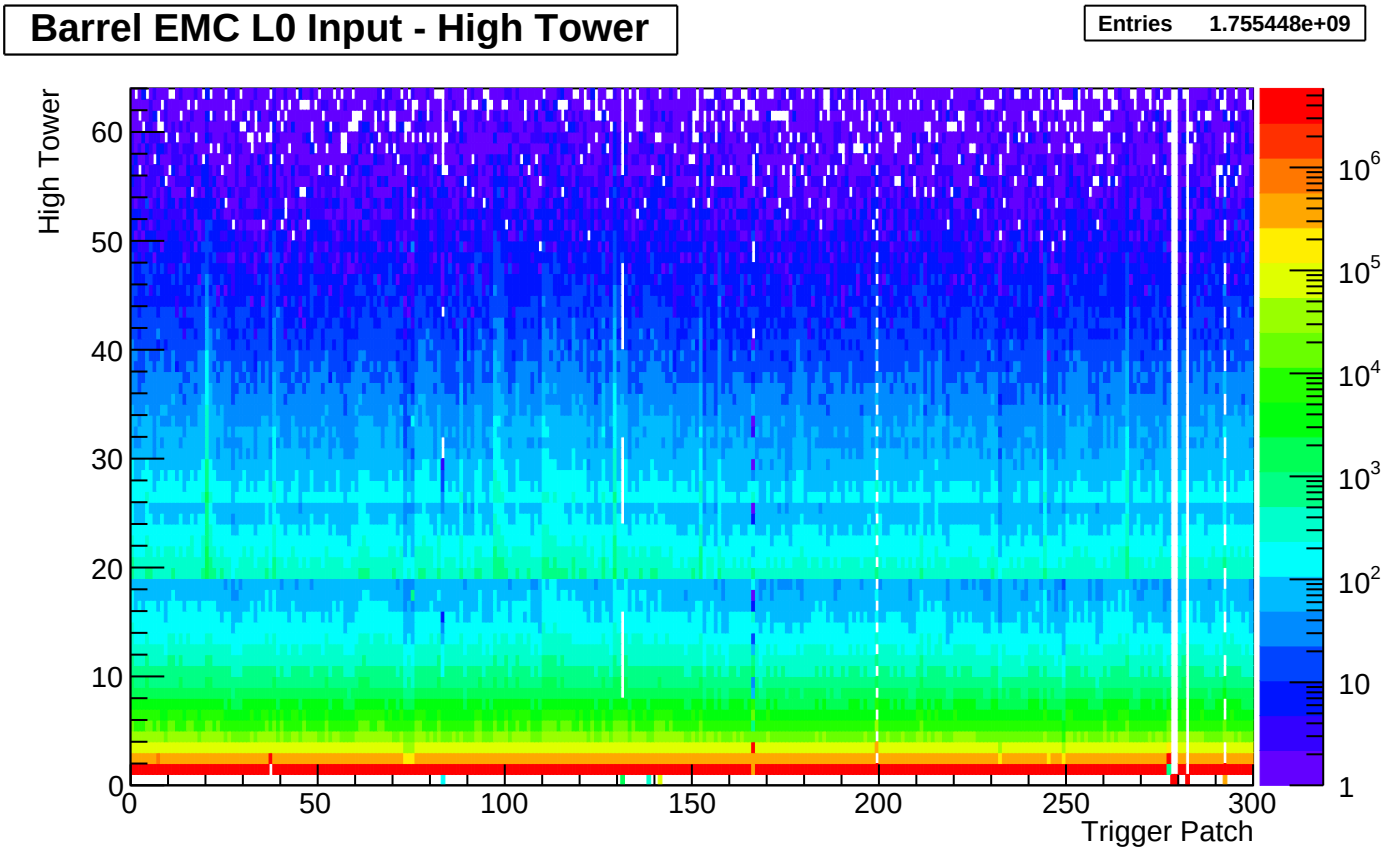
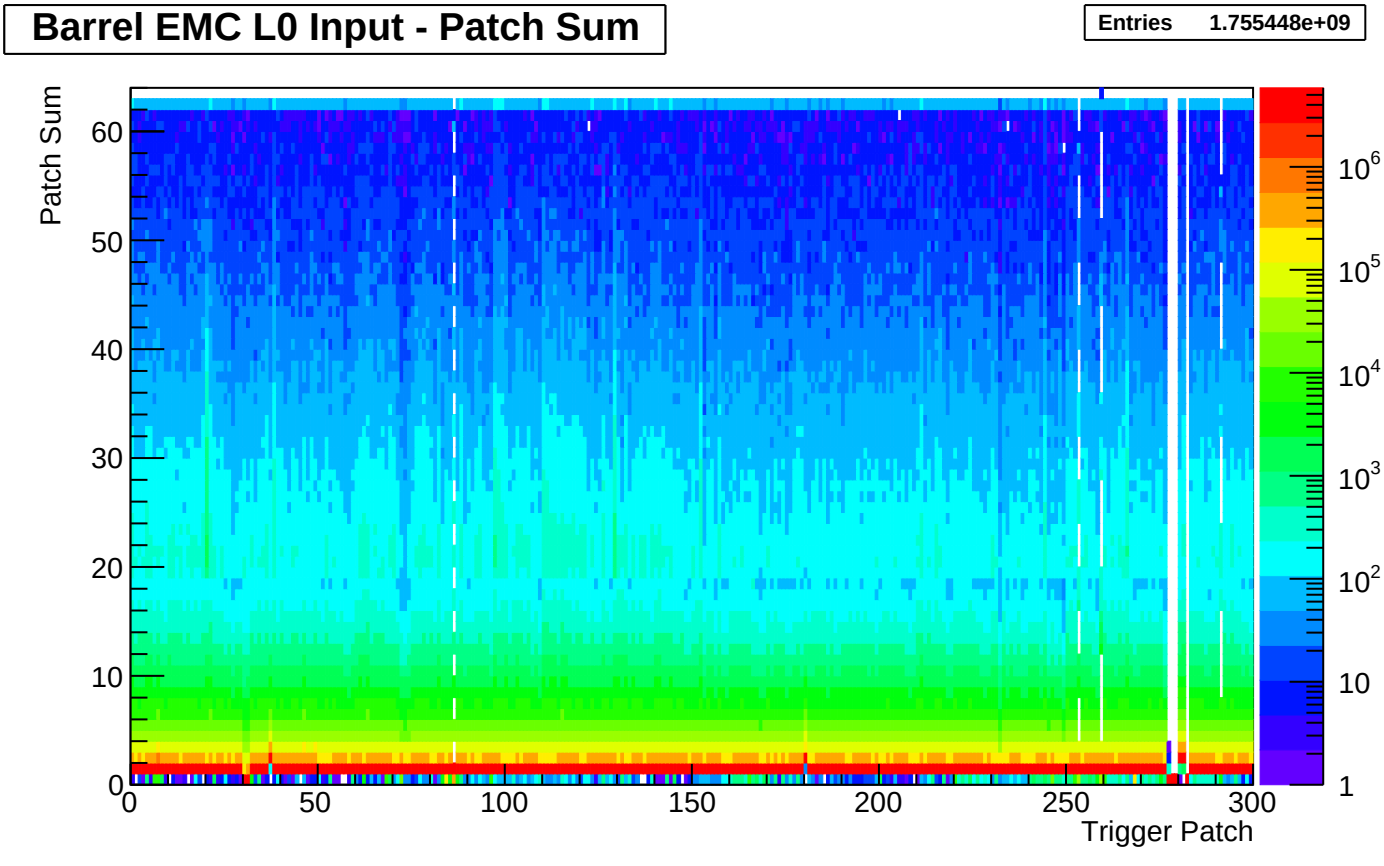
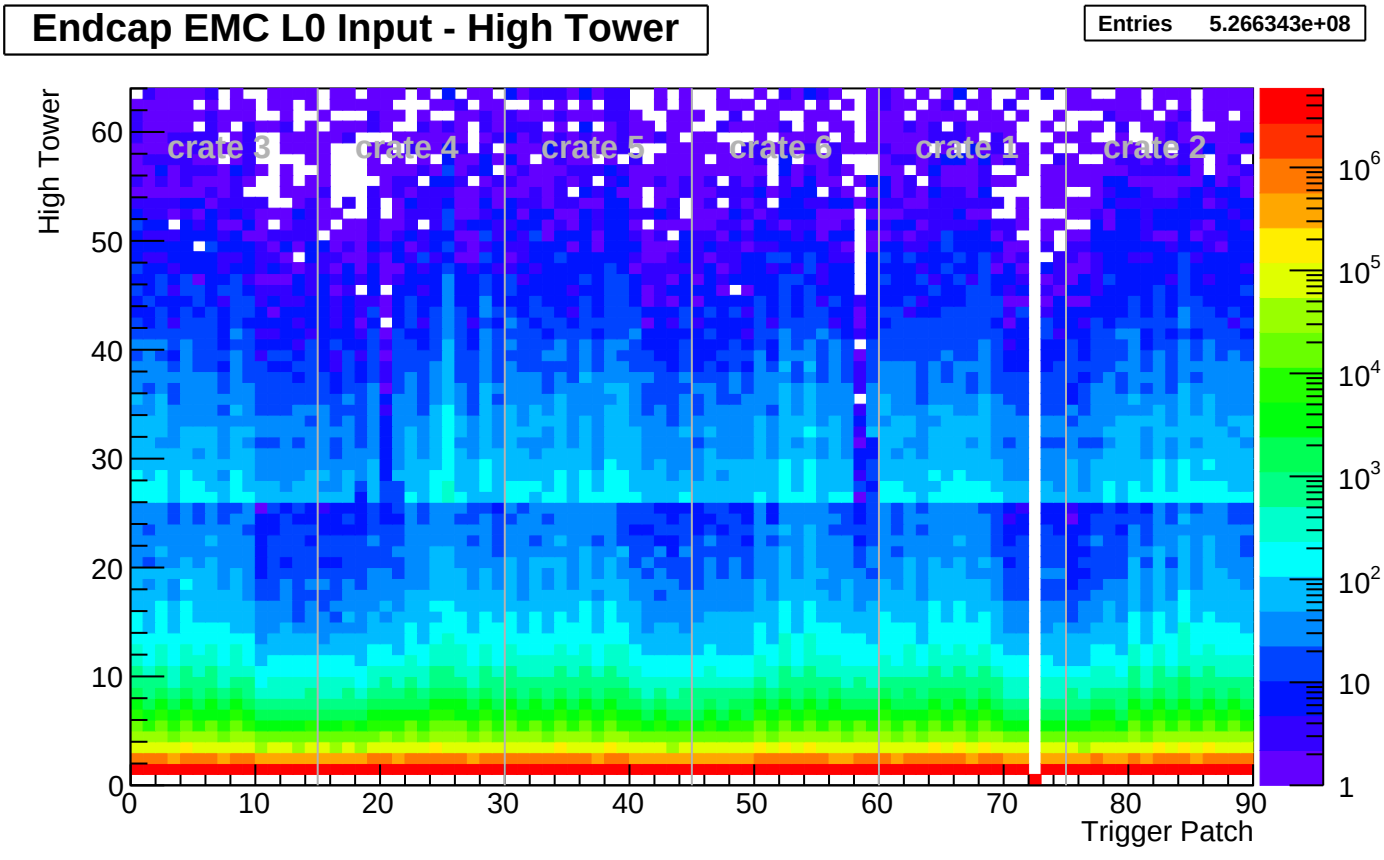
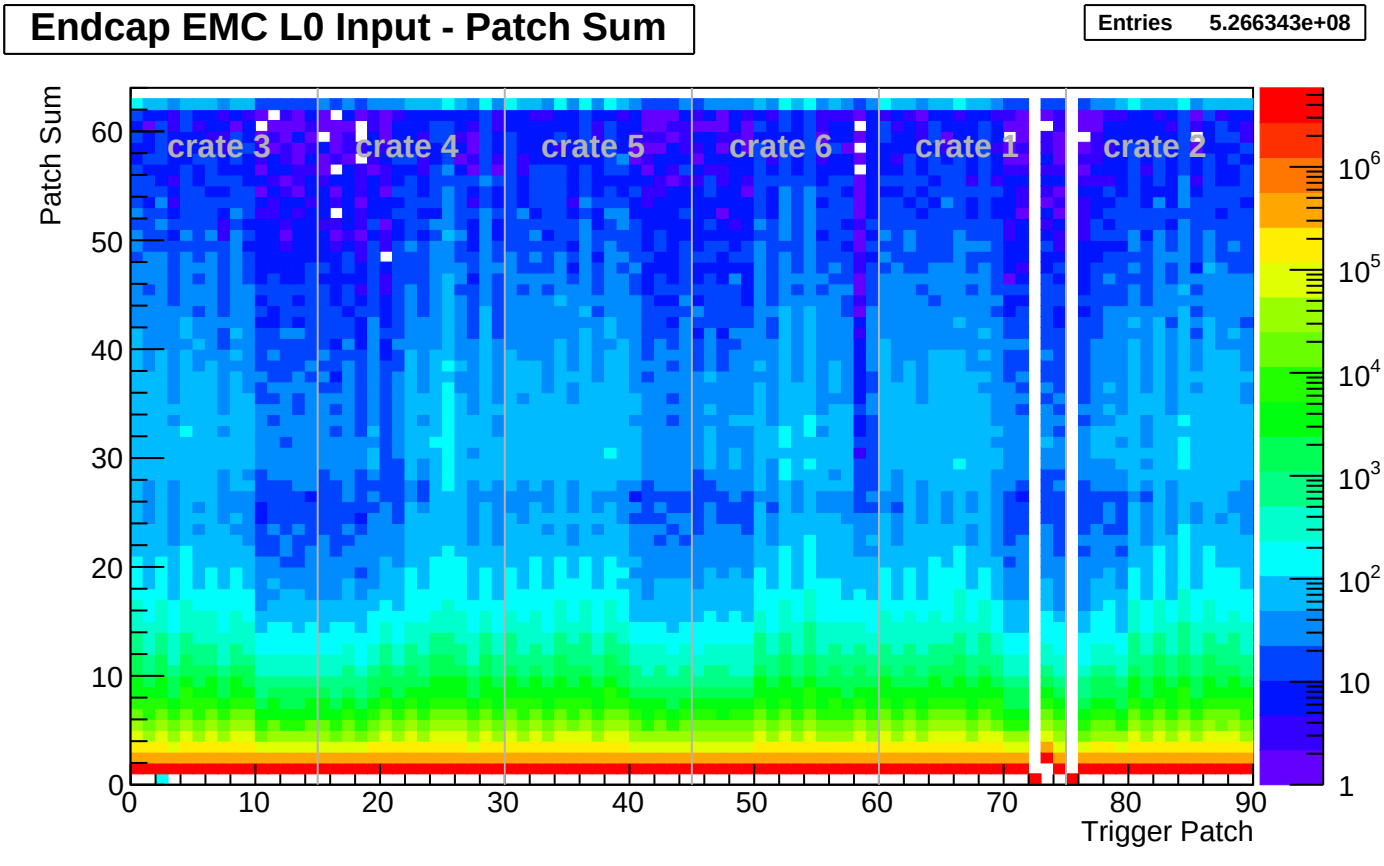
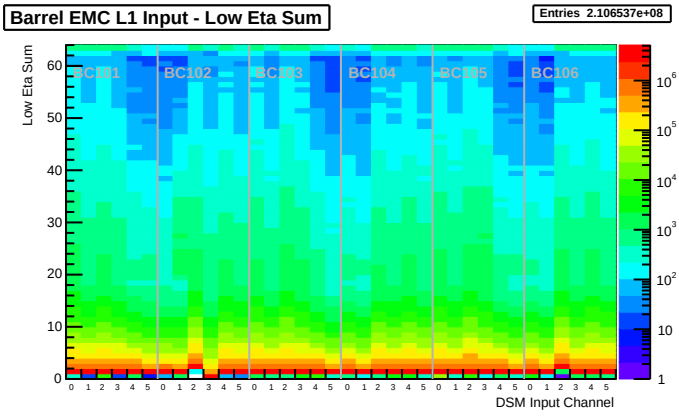
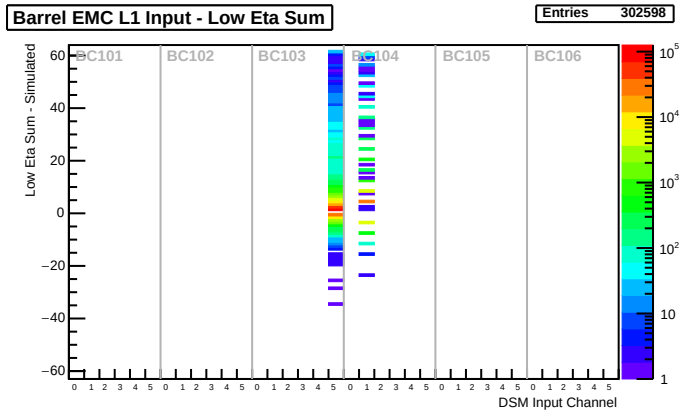

Barrel EMC L0 Input - High Tower
Entries 1.755448e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

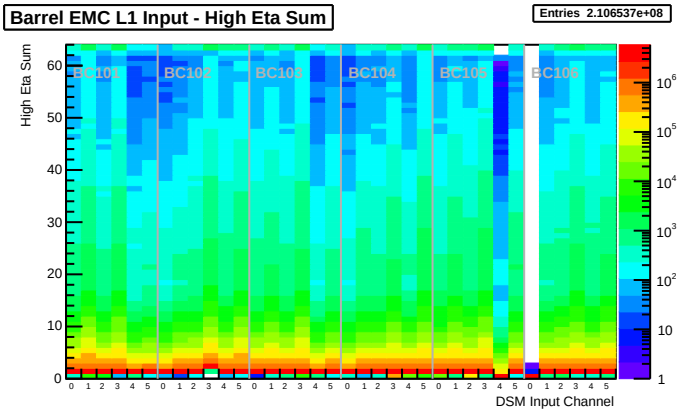

Barrel EMC L0 Input - Patch Sum
Entries 1.755448e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

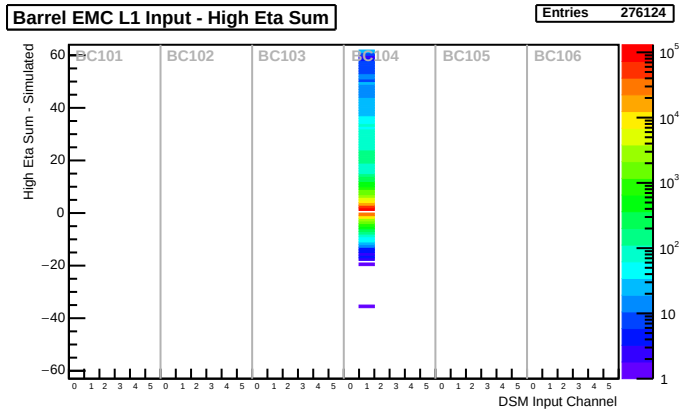

Endcap EMC L0 Input - High Tower
Entries 5.266343e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

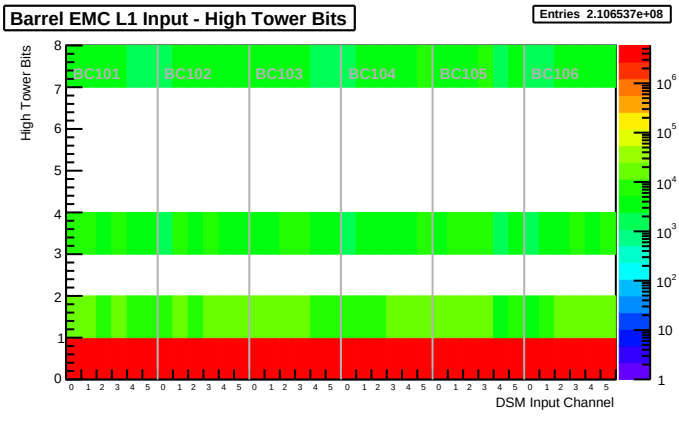

Endcap EMC L0 Input - Patch Sum
Entries 5.266343e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

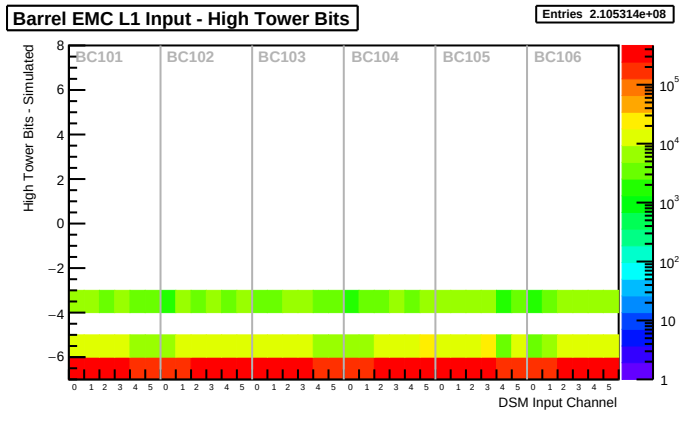

Barrel EMC L1 Input - Low Eta Sum
Entries 2.106537e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

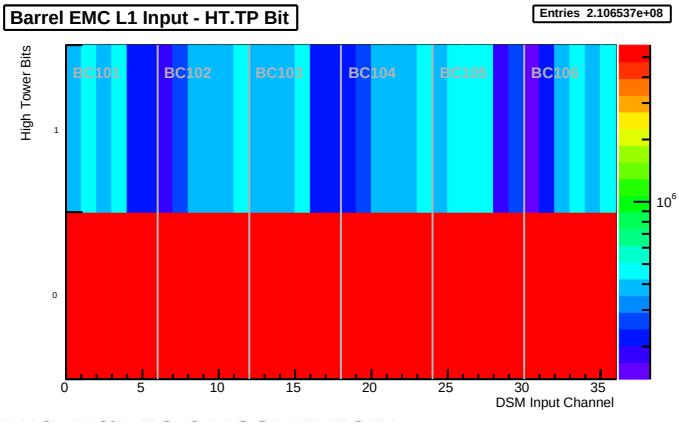

Barrel EMC L1 Input - Low Eta Sum
Entries 302598
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

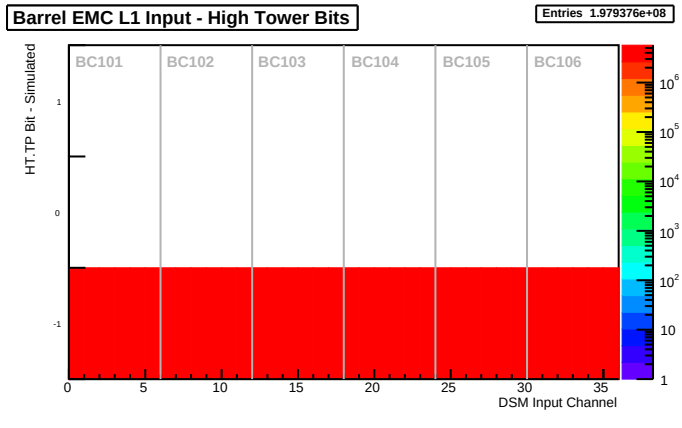

Barrel EMC L1 Input - High Eta Sum
Entries 2.106537e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

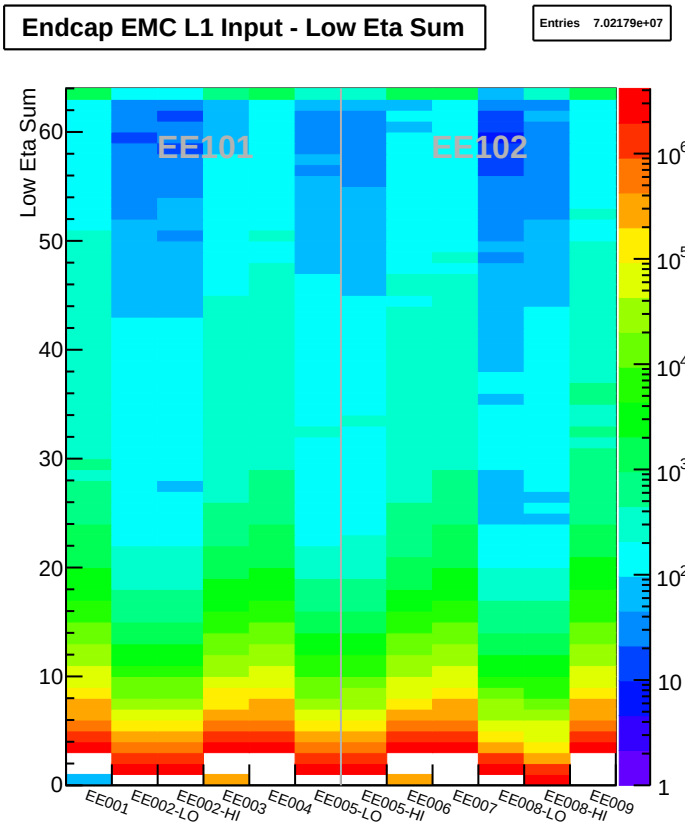

Barrel EMC L1 Input - High Eta Sum
Entries 276124
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

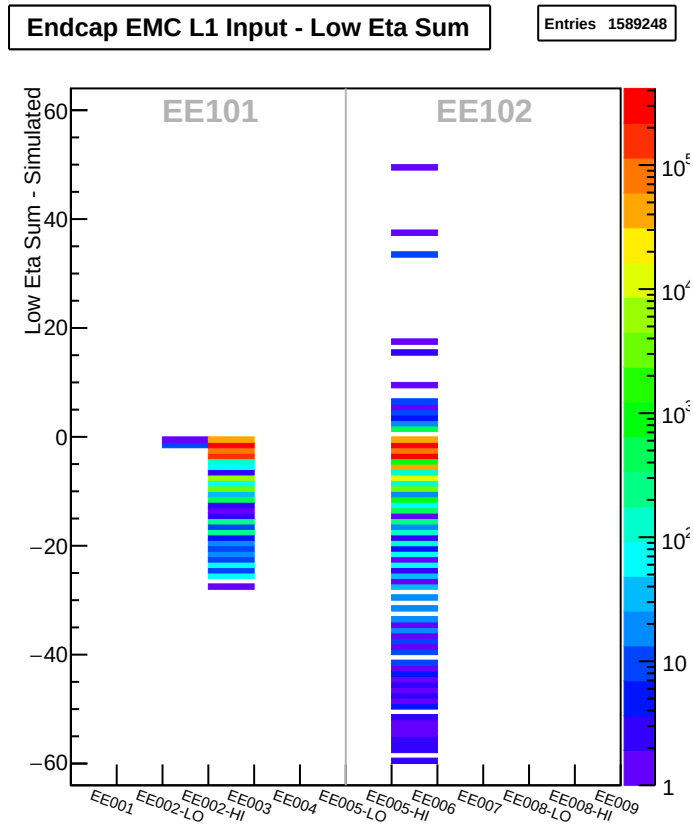

Barrel EMC L1 Input - High Tower Bits
Entries 2.106537e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

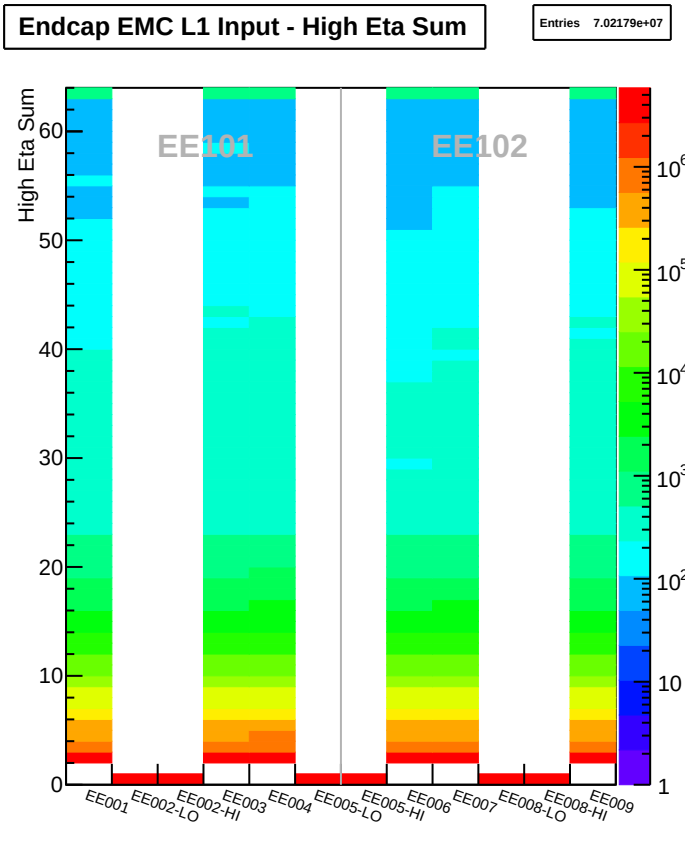

Barrel EMC L1 Input - High Tower Bits
Entries 2.105314e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

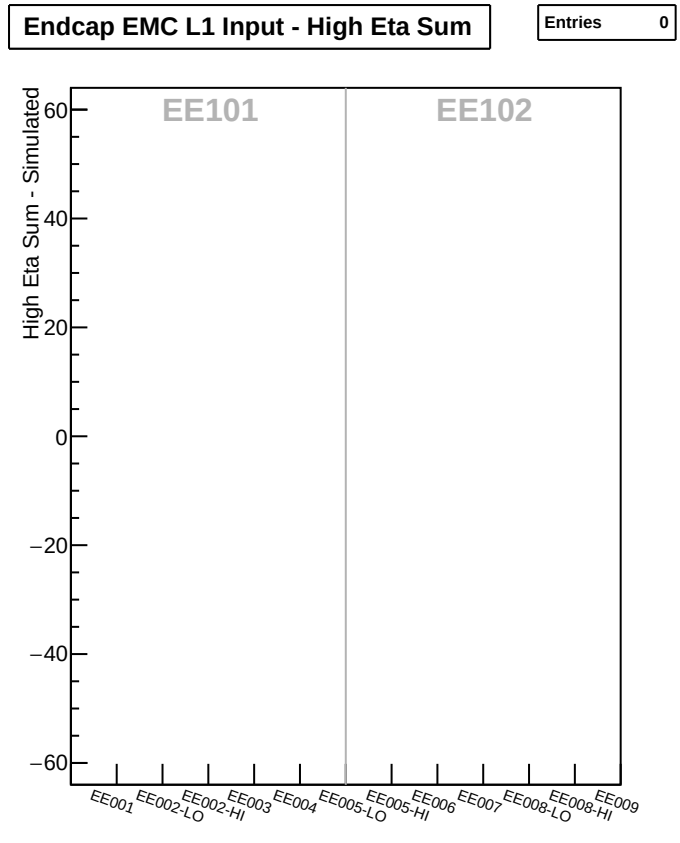

Barrel EMC L1 Input - HT.TP Bit
Entries 2.106537e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

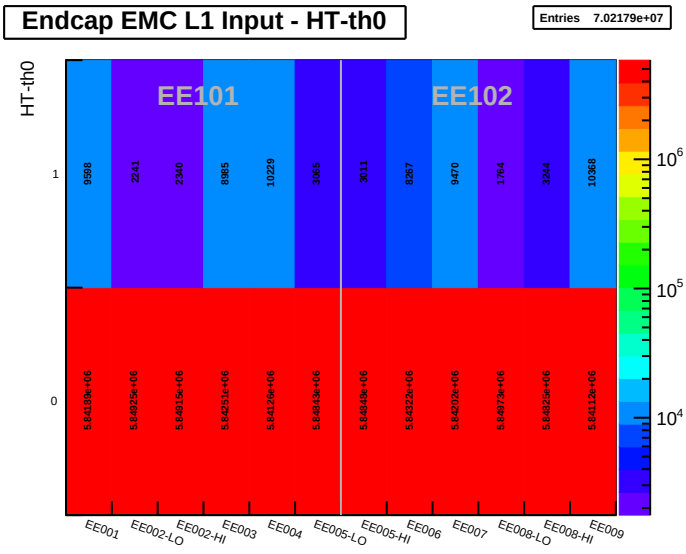

Barrel EMC L1 Input - High Tower Bits
Entries 1.979376e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

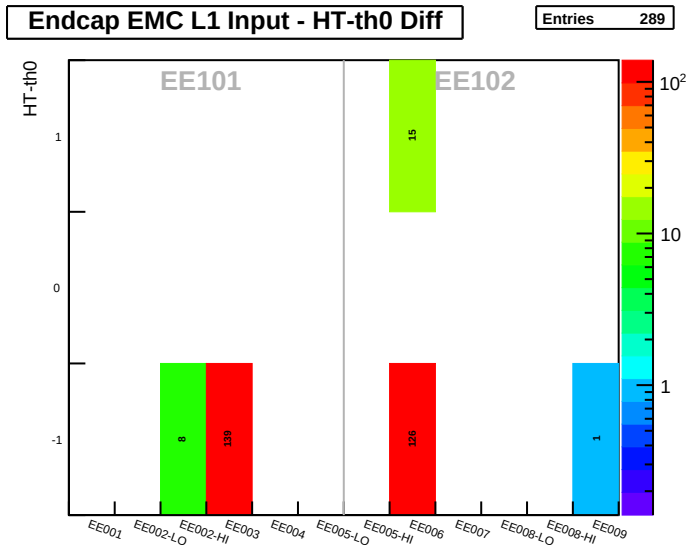

Endcap EMC L1 Input - Low Eta Sum
Entries 7.02179e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

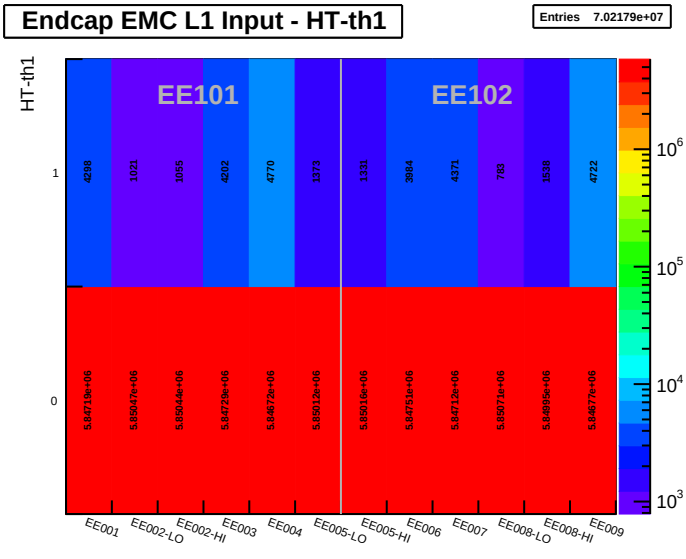

Endcap EMC L1 Input - Low Eta Sum
Entries 1589248
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

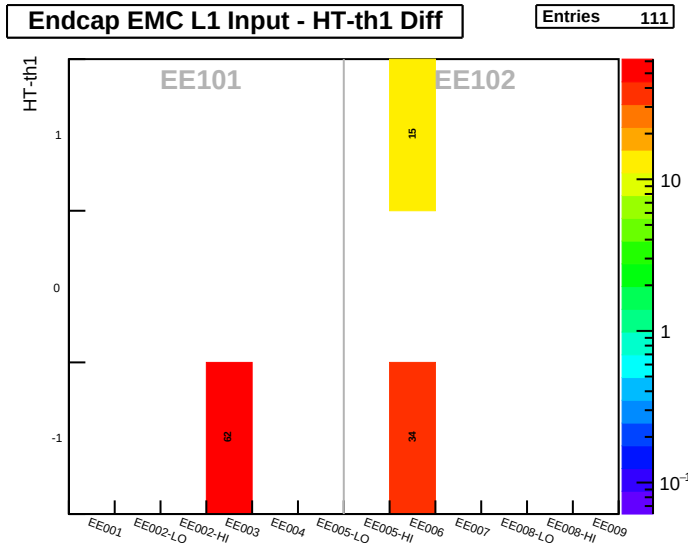

Endcap EMC L1 Input - High Eta Sum
Entries 7.02179e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

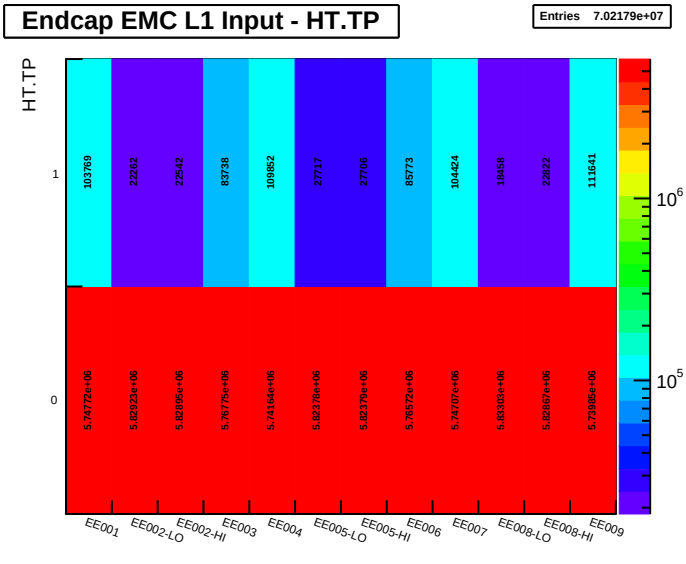

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

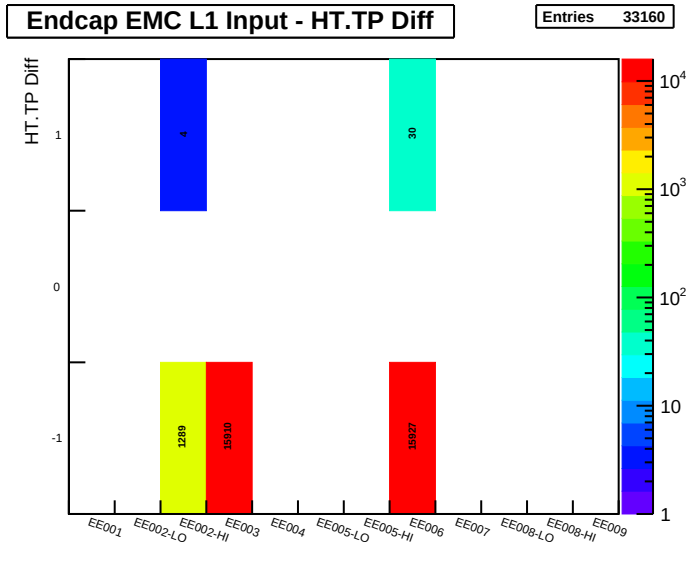

Endcap EMC L1 Input - HT-th0
Entries 7.02179e+07
HT-th0
EE101
EE102
9998 2241 2340 8985 10229 3065 3011 8267 9470 1764 3244 10368
5.84189e+06 5.84825e+06 5.84315e+06 5.84251e+06 5.84126e+06 5.84843e+06 5.84648e+06 5.84322e+06 5.84202e+06 5.84073e+06 5.84825e+06 5.84112e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

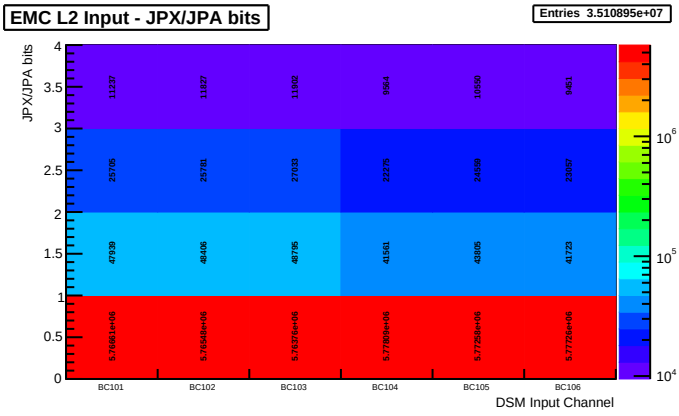

Endcap EMC L1 Input - HT-th0 Diff
Entries 289
HT-th0
EE101
EE102
15
8 139 126 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

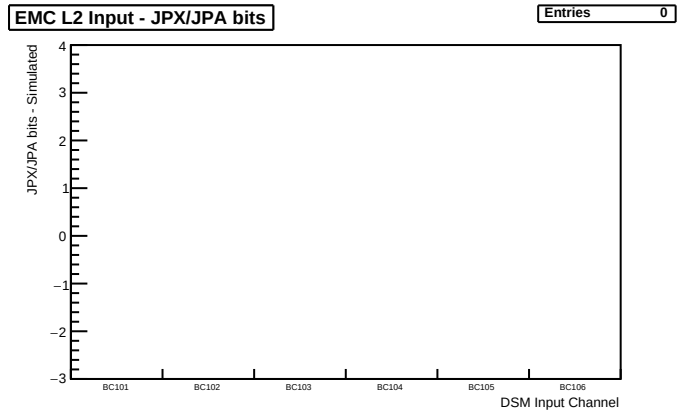

Endcap EMC L1 Input - HT-th1
Entries 7.02179e+07
HT-th1
EE101
EE102
4298 1021 1055 4202 4770 1373 1331 3984 4371 783 1538 4722
5.84719e+06 5.85047e+06 5.85044e+06 5.84729e+06 5.84672e+06 5.85012e+06 5.85016e+06 5.84751e+06 5.84712e+06 5.85071e+06 5.84995e+06 5.84677e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

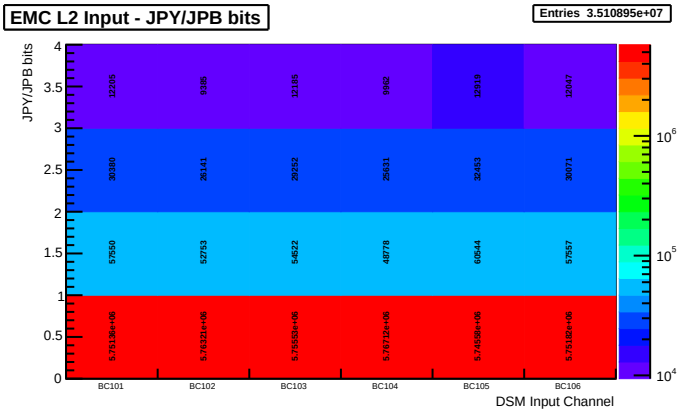

Endcap EMC L1 Input - HT-th1 Diff
Entries 111
HT-th1
EE101
EE102
15
62 34
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

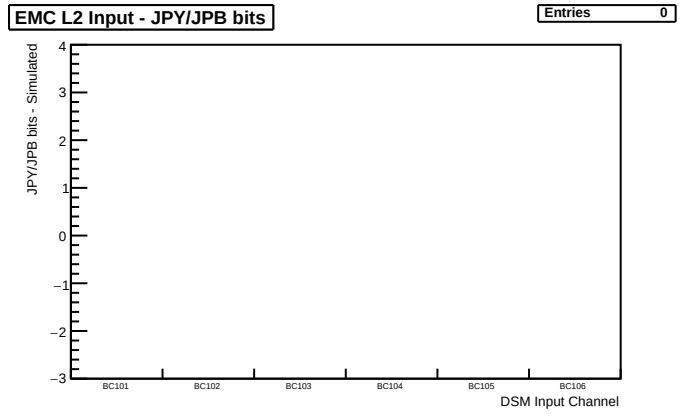

Endcap EMC L1 Input - HT.TP
Entries 7.02179e+07
HT.TP
103769 22262 22542 83738 109852 27137 27706 85773 10424 18458 22822 111641
5.74772e+06 5.82923e+06 5.82895e+06 5.76779e+06 5.74164e+06 5.82378e+06 5.82379e+06 5.76572e+06 5.74707e+06 5.82303e+06 5.82867e+06 5.73985e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

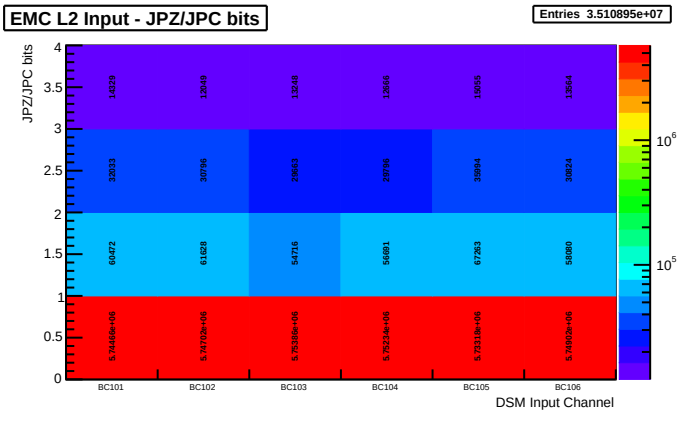

Endcap EMC L1 Input - HT.TP Diff
Entries 33160
HT.TP Diff
4 30
1289 15910 15927
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

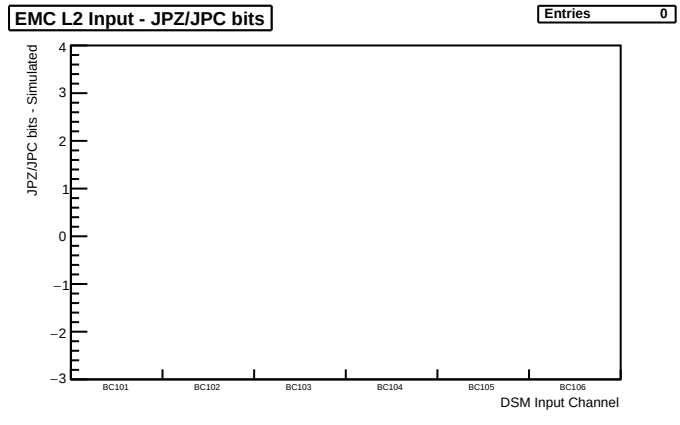

EMC L2 Input - JPX/JPA bits
Entries 3.510895e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11237
11827
11902
9954
10550
9461
25705
25781
27033
22275
24559
23057
47939
48406
48795
41561
43805
41723
5.76661e+06
5.76548e+06
5.76376e+06
5.77389e+06
5.77258e+06
5.77725e+06

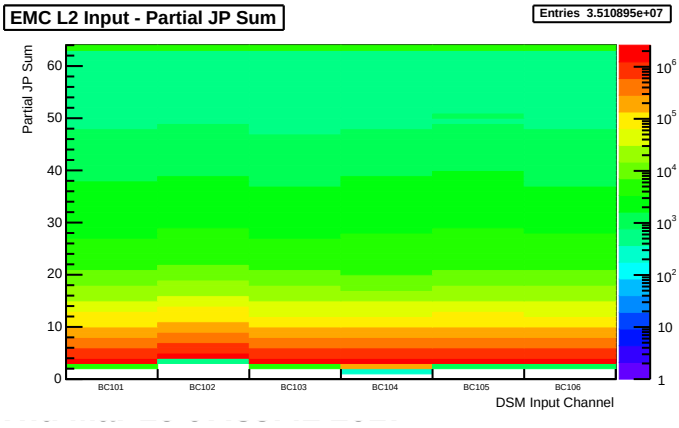

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

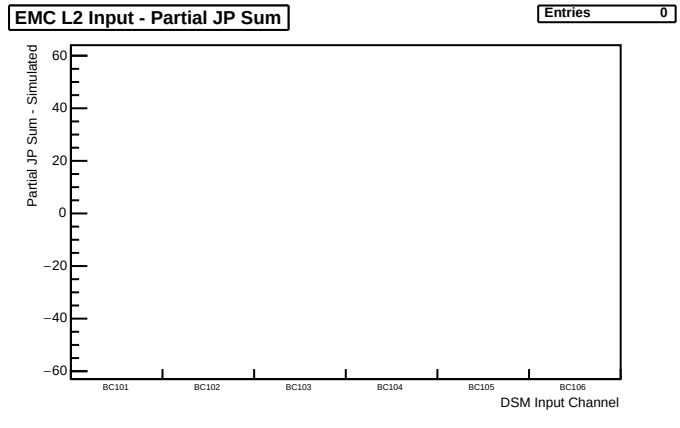

EMC L2 Input - JPY/JPB bits
Entries 3.510895e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12205
9385
12185
9982
12919
12047
30380
26141
29252
25631
32453
30071
57550
52753
54622
48778
60544
57557
5.75136e+06
5.76321e+06
5.75553e+06
5.76712e+06
5.74598e+06
5.75182e+06

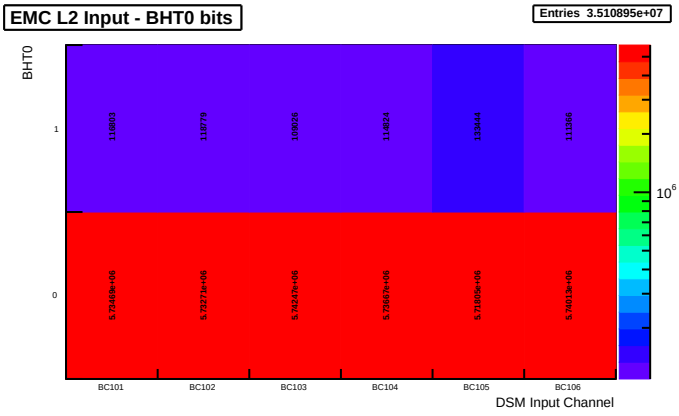

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

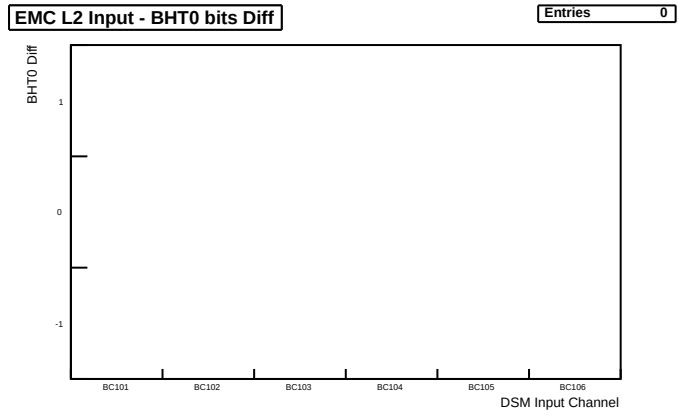

EMC L2 Input - JPZ/JPC bits
Entries 3.510895e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14329
12049
13248
12666
15055
13564
32633
30796
28653
29795
35994
30824
60472
61628
54716
56681
67283
58980
5.74456e+06
5.74702e+06
5.75395e+06
5.75234e+06
5.73318e+06
5.74902e+06

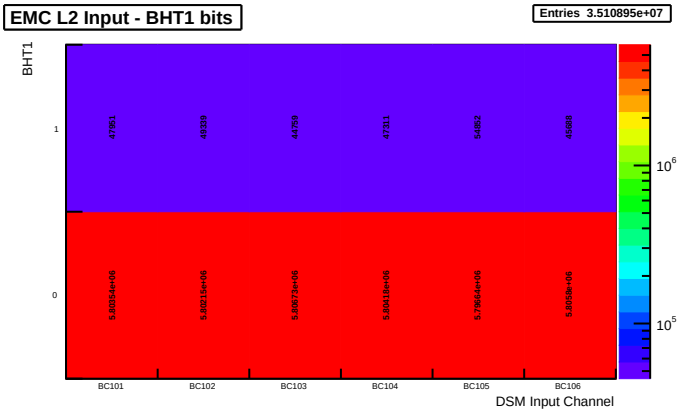

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

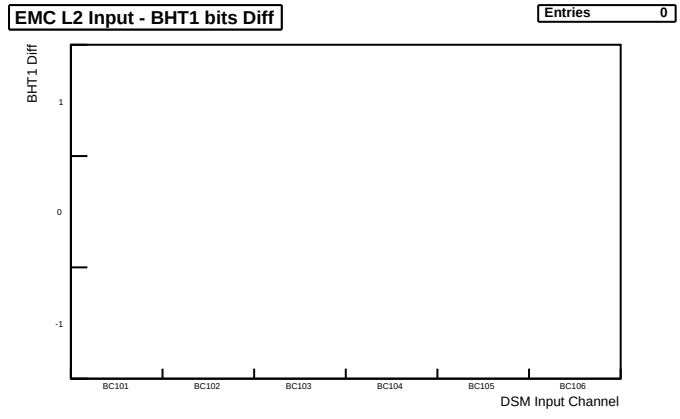

EMC L2 Input - Partial JP Sum
Entries 3.510895e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

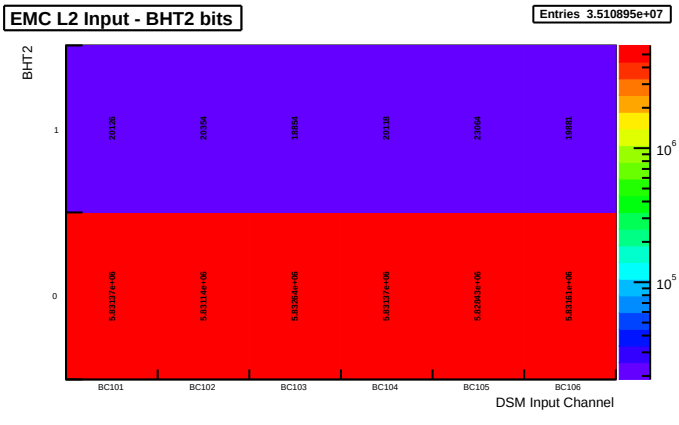

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

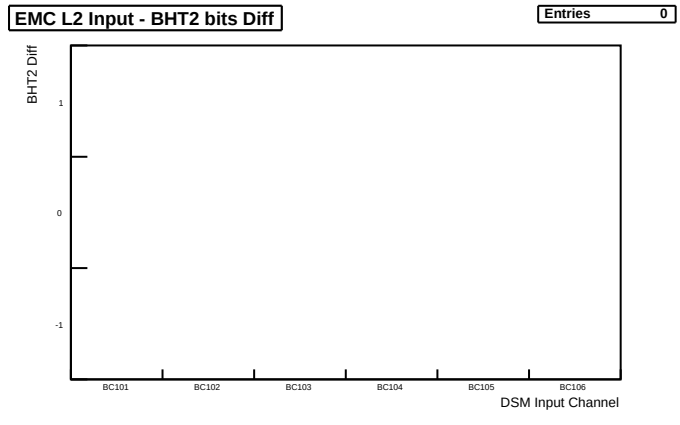

EMC L2 Input - BHT0 bits
Entries 3.510895e+07
BHT0
1
0
116803
118779
109926
114824
133444
111366
5.73469e+06
5.73279e+06
5.74247e+06
5.73667e+06
5.71805e+06
5.74013e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

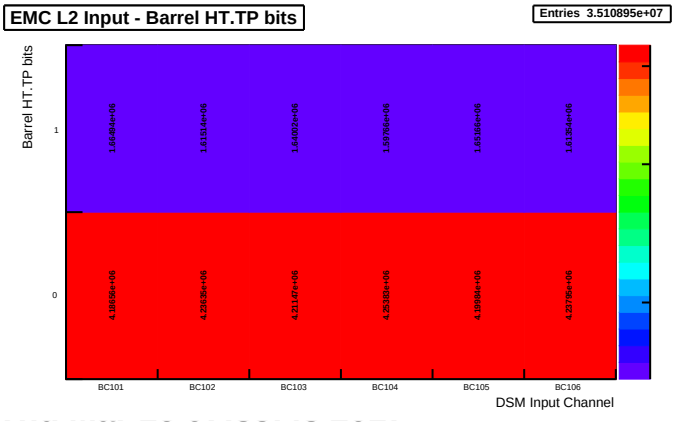

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

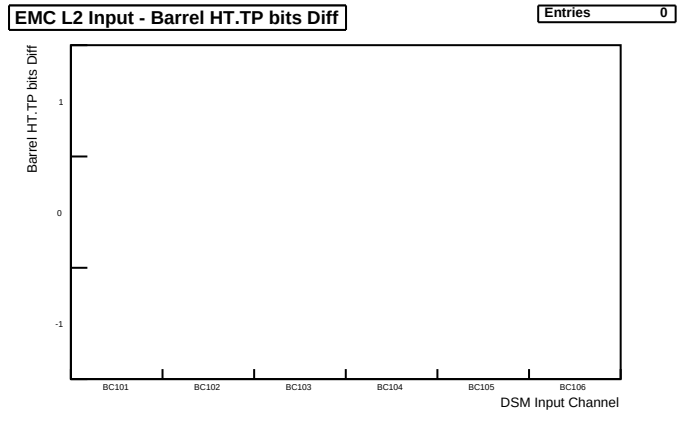

EMC L2 Input - BHT1 bits
Entries 3.510895e+07
BHT1
1
0
47951
49339
44759
47311
54852
45688
5.80354e+06
5.80215e+06
5.80673e+06
5.80418e+06
5.79964e+06
5.80536e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

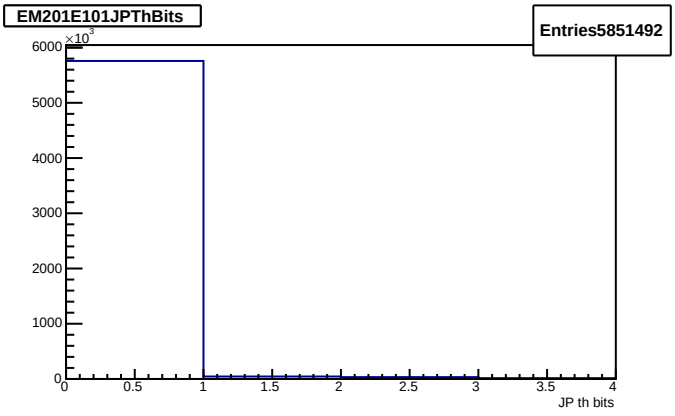

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

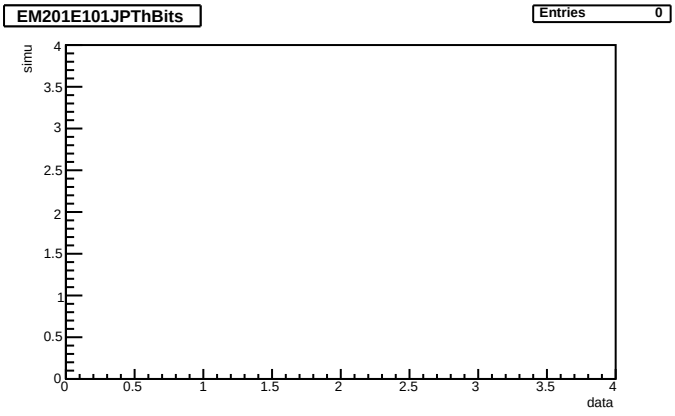

EMC L2 Input - BHT2 bits
Entries 3.510895e+07
BHT2
1
0
20126
20354
18354
20118
23094
19831
5.83137e+06
5.83114e+06
5.83264e+06
5.83137e+06
5.82943e+06
5.83181e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

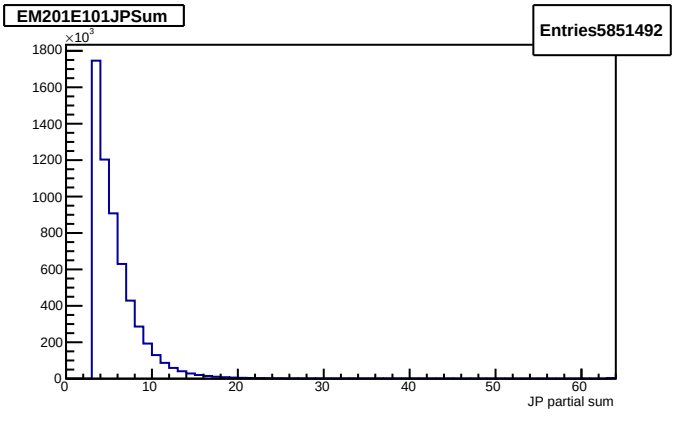

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

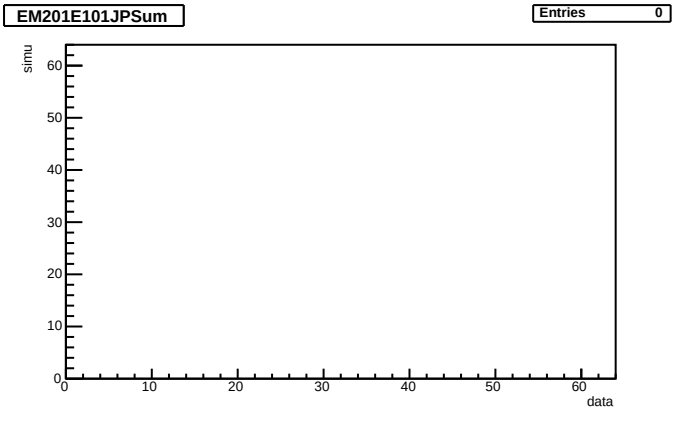

EMC L2 Input - Barrel HT.TP bits
Entries 3.510895e+07
Barrel HT.TP bits
1
0
1.66484e+06
1.61514e+06
1.64002e+06
1.59766e+06
1.65366e+06
1.61354e+06
4.18556e+06
4.23535e+06
4.21147e+06
4.25388e+06
4.19984e+06
4.23795e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

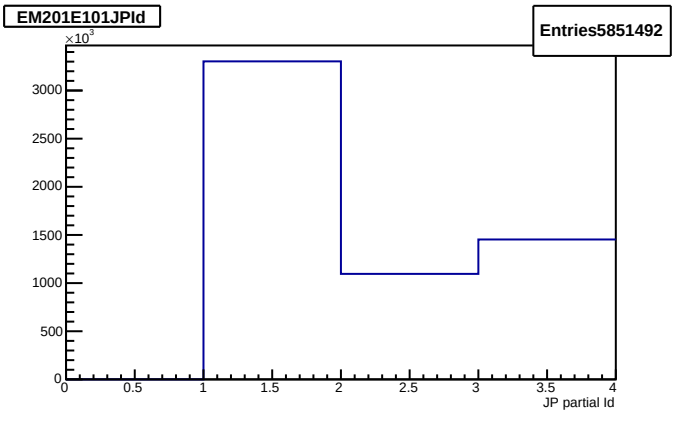

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

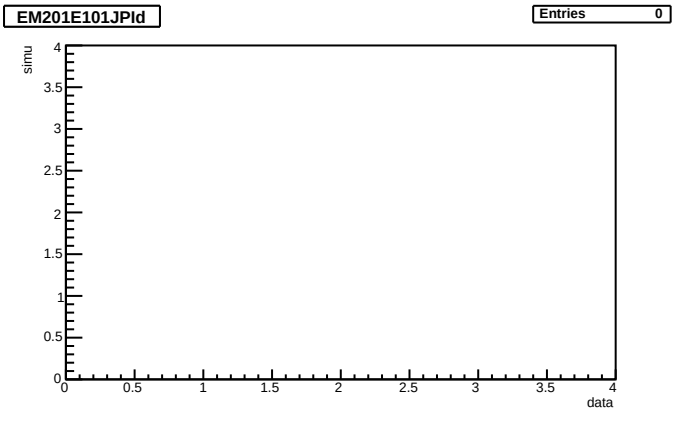

EM201E101JPThBits
Entries5851492
×10^3
JP th bits

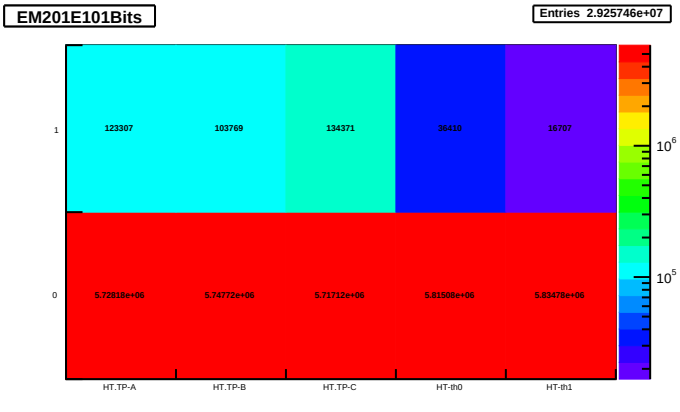

EM201E101JPThBits
Entries 0
simu
data

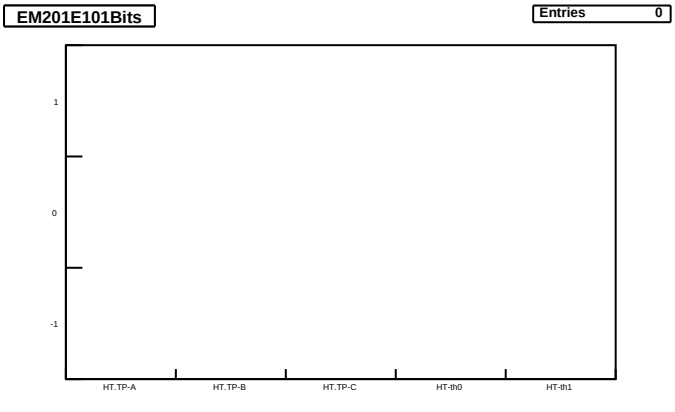

EM201E101JPSum
Entries5851492
×10^3
JP partial sum

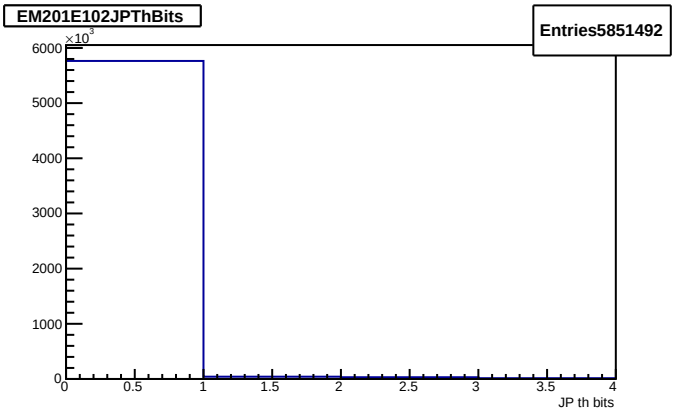

EM201E101JPSum
Entries 0
simu
data

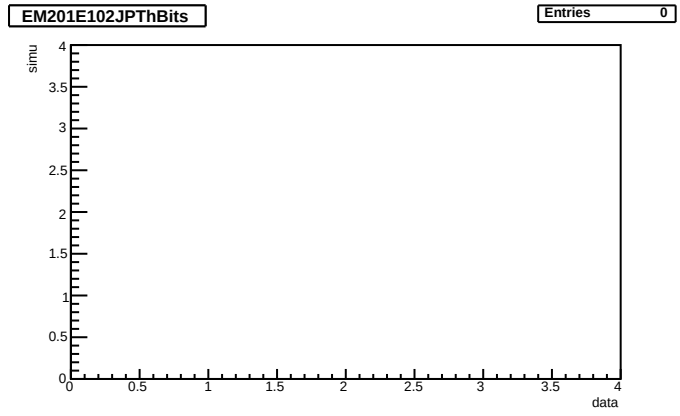

EM201E101JPId
Entries5851492
×10^3
JP partial Id

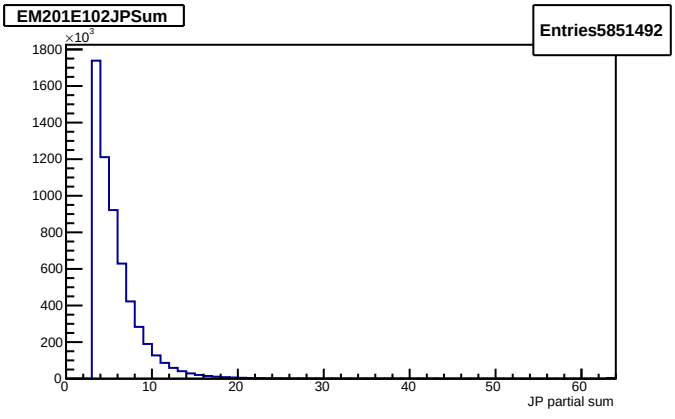

EM201E101JPId
Entries 0
simu
data

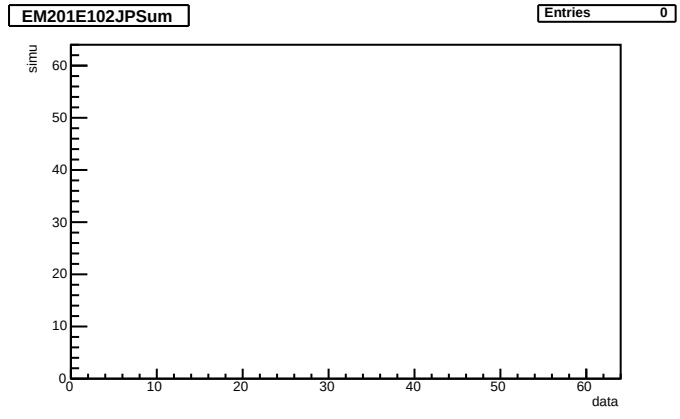

EM201E101Bits
Entries 2.925746e+07
123307
103769
134371
36410
16707
5.72818e+06
5.74772e+06
5.71712e+06
5.81508e+06
5.83478e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

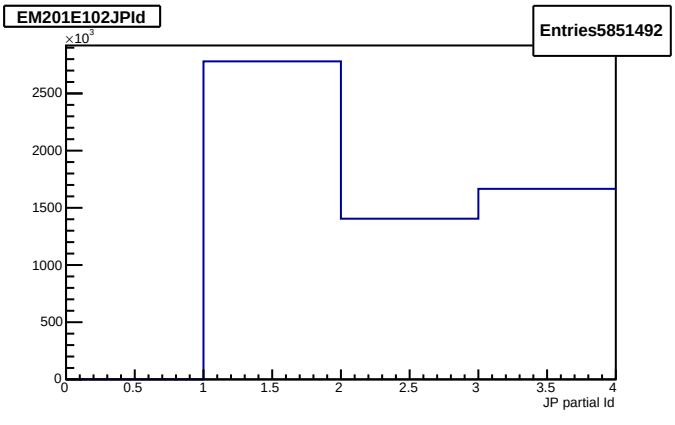

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

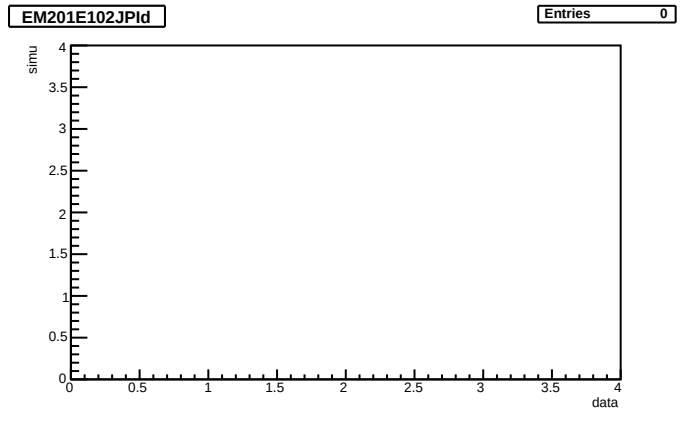

EM201E102JPThBits
Entries5851492
×10^3
JP th bits

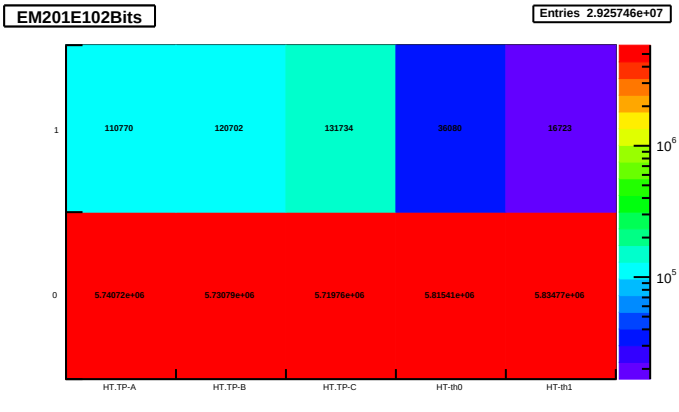

EM201E102JPThBits
Entries 0
simu
data

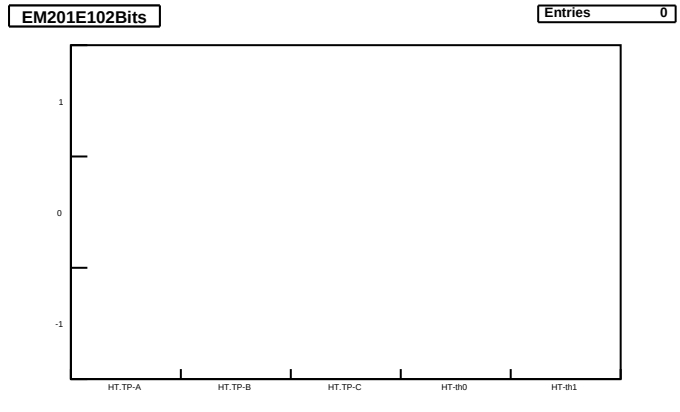

EM201E102JPSum
Entries5851492
×10^3
JP partial sum

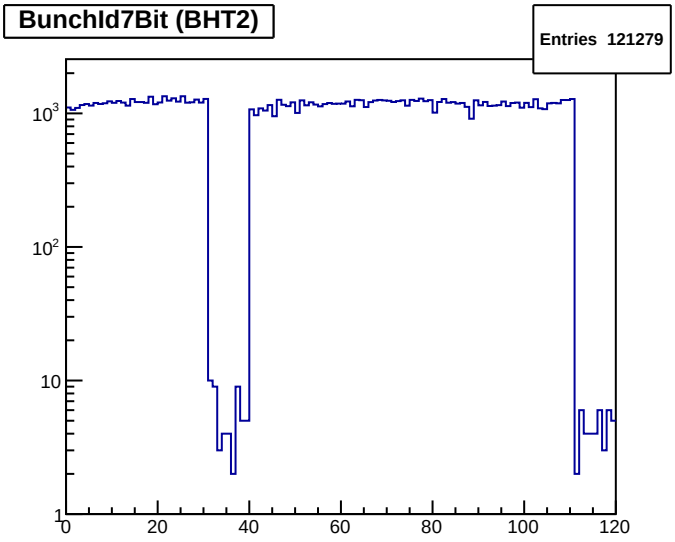

EM201E102JPSum
Entries 0
simu
data

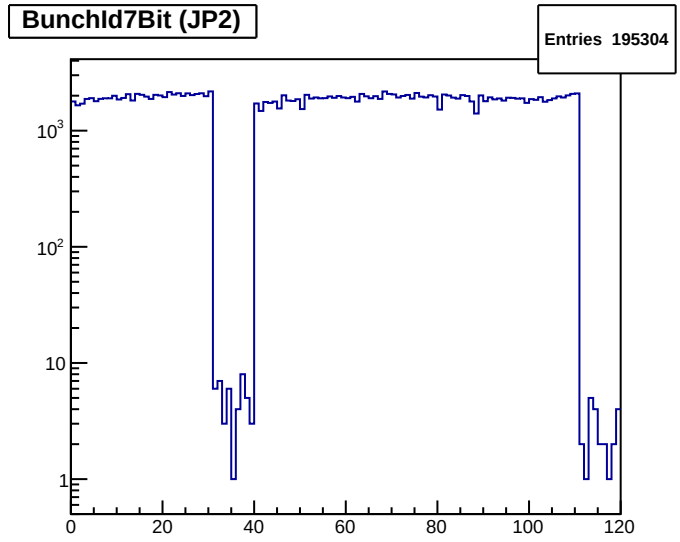

EM201E102JPId
Entries5851492
×10^3
JP partial Id

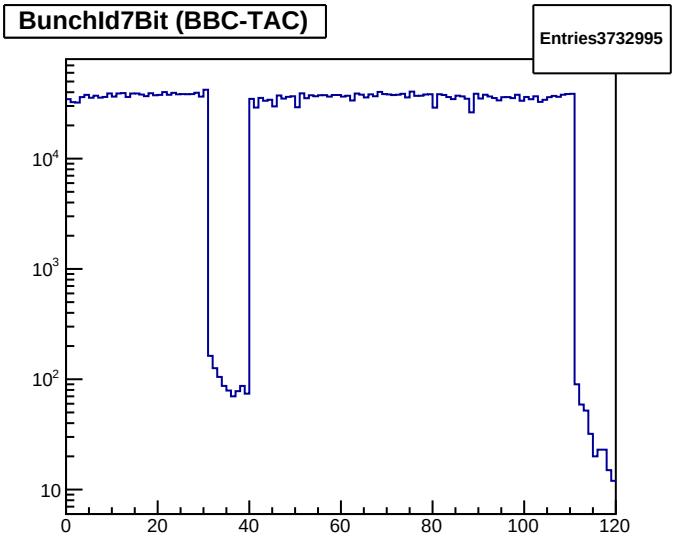

EM201E102JPId
Entries 0
simu
data

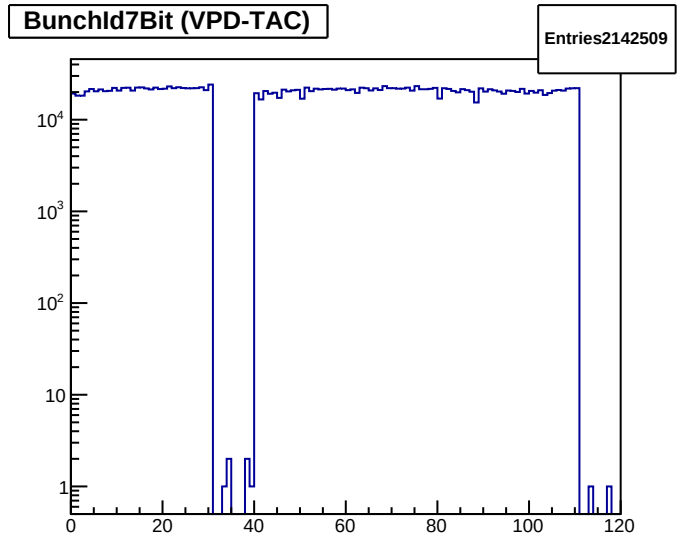

EM201E102Bits
Entries 2.925746e+07
110770
120702
131734
36080
16723
5.74072e+06
5.73079e+06
5.71976e+06
5.81541e+06
5.83477e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

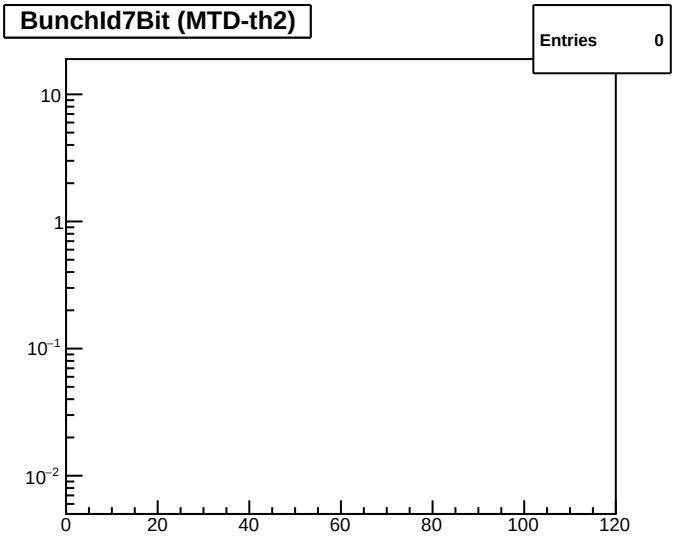

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

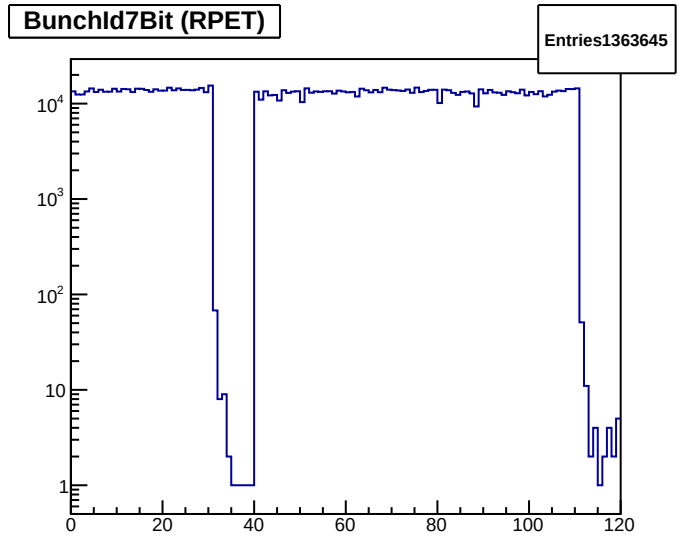

BunchId7Bit (BHT2)
Entries 121279

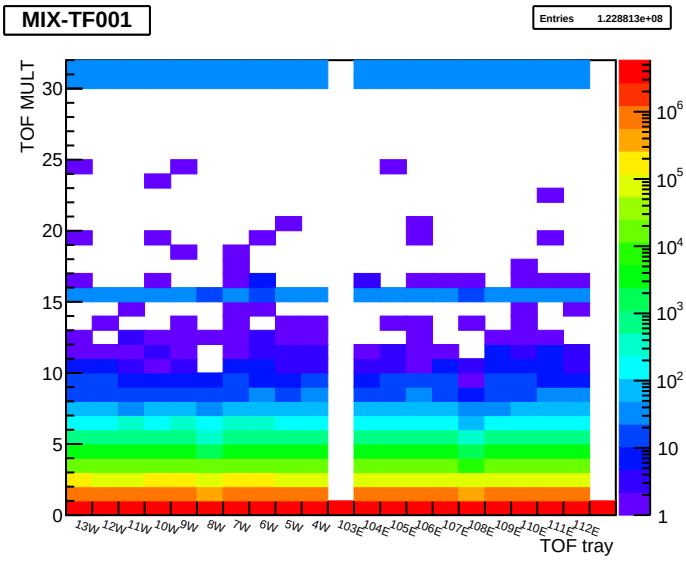

BunchId7Bit (JP2)
Entries 195304

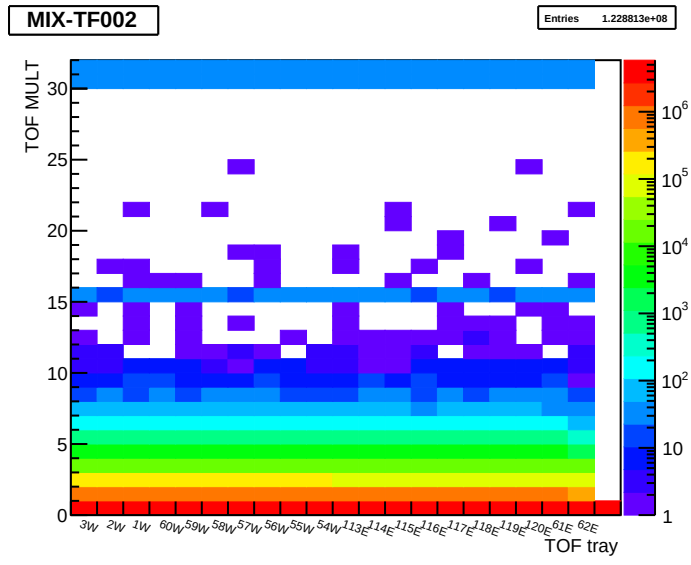

BunchId7Bit (BBC-TAC)
Entries3732995

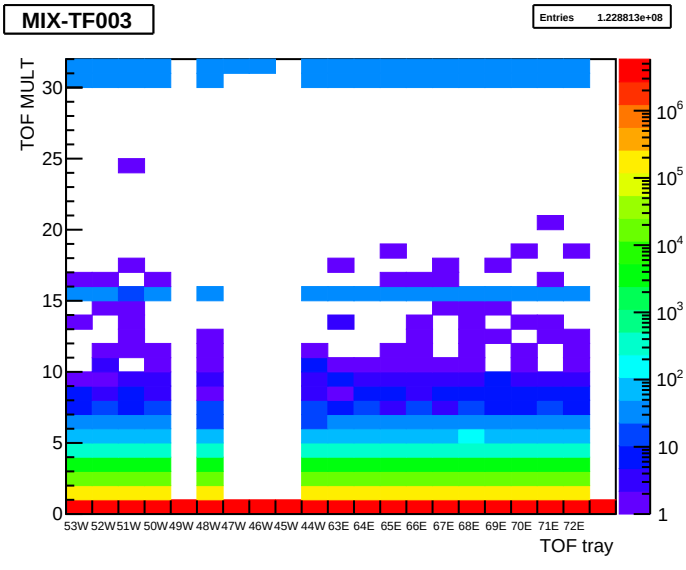

BunchId7Bit (VPD-TAC)
Entries2142509

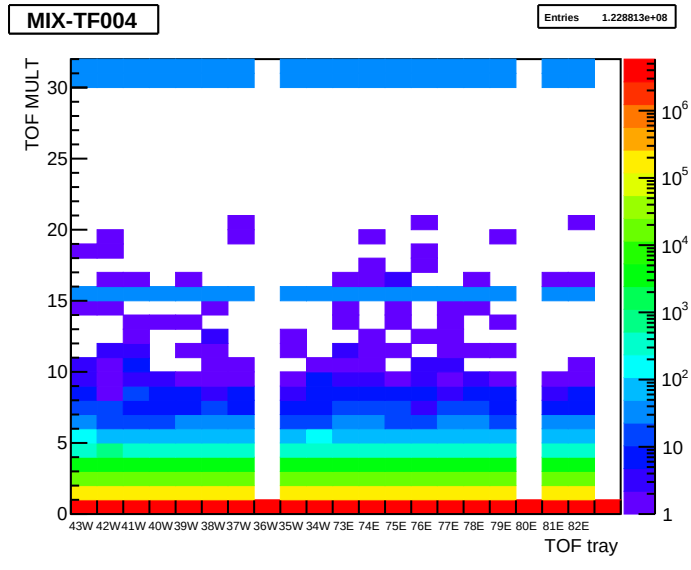

BunchId7Bit (MTD-th2)
Entries 0

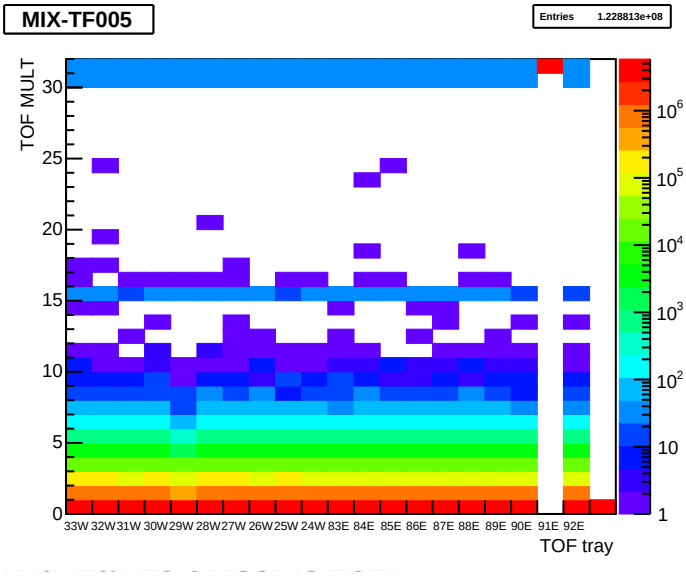

BunchId7Bit (RPET)
Entries1363645

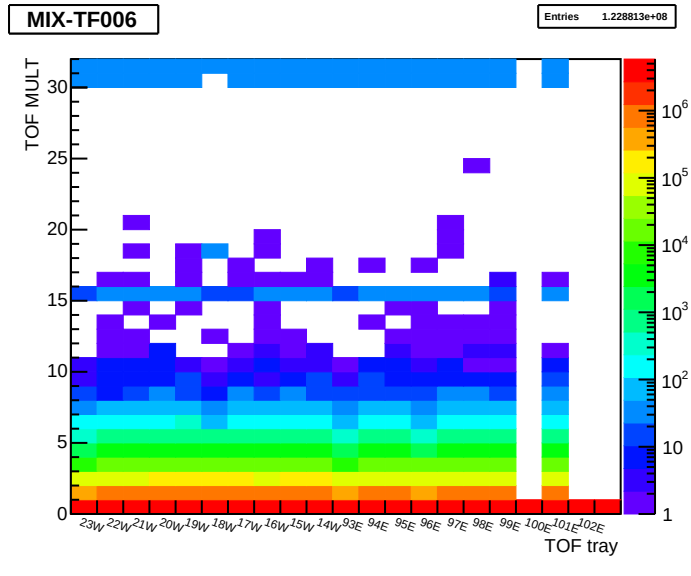

MIX-TF001
Entries 1.228813e+08
TOF MULT
TOF tray

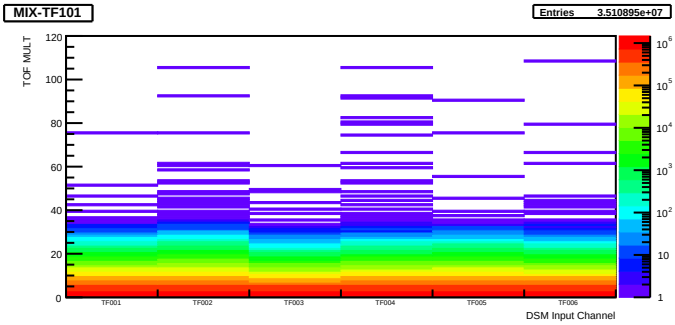

MIX-TF002
Entries 1.228813e+08
TOF MULT
TOF tray

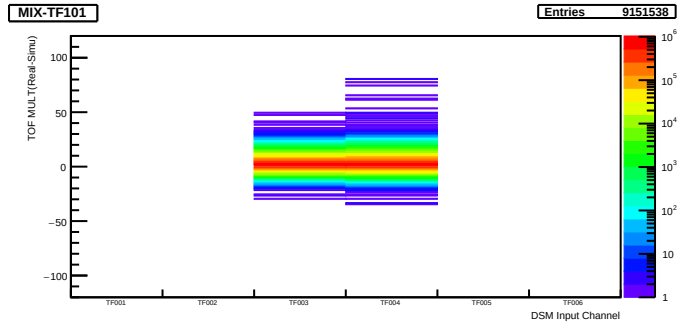

MIX-TF003
Entries 1.228813e+08
TOF MULT
TOF tray

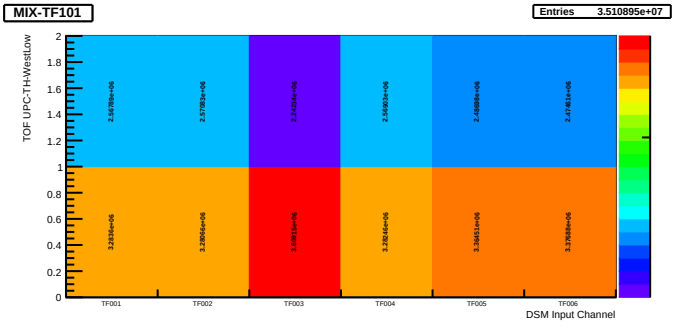

MIX-TF004
Entries 1.228813e+08
TOF MULT
TOF tray

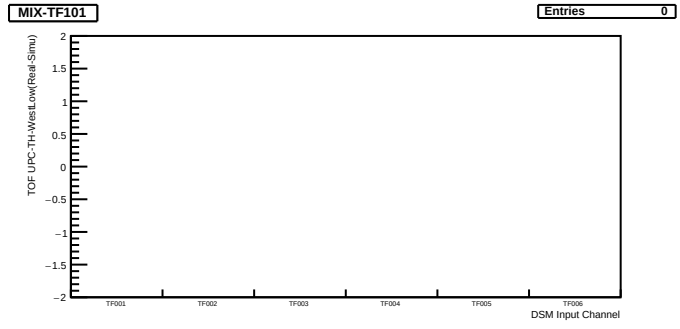

MIX-TF005
Entries 1.228813e+08
TOF MULT
TOF tray

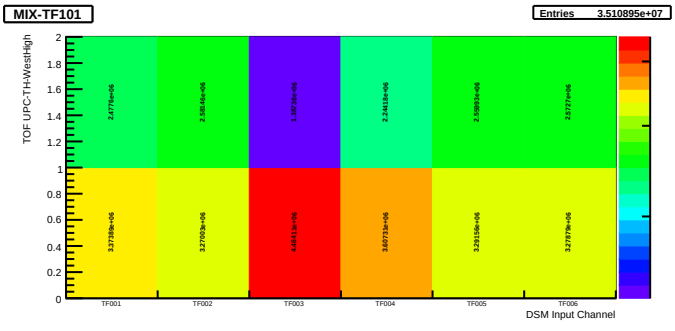

MIX-TF006
Entries 1.228813e+08
TOF MULT
TOF tray

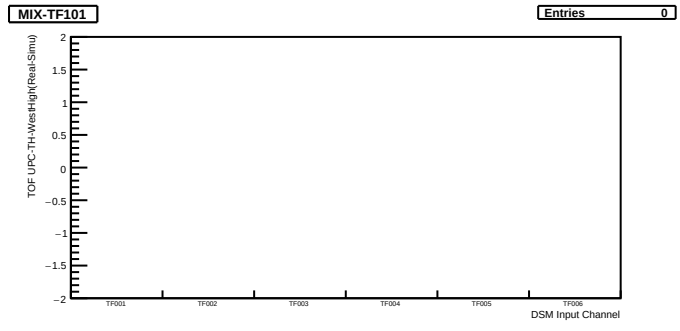

MIX-TF101
Entries 3.510895e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

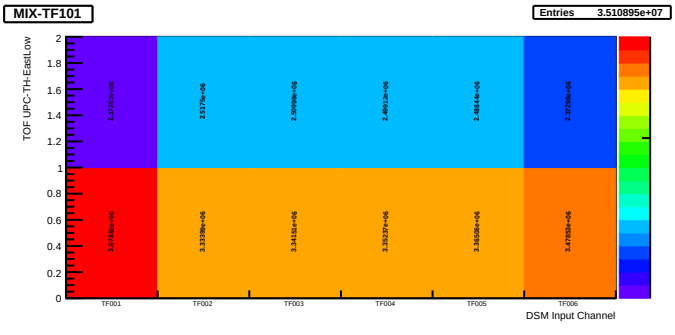

MIX-TF101
Entries 9151538
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

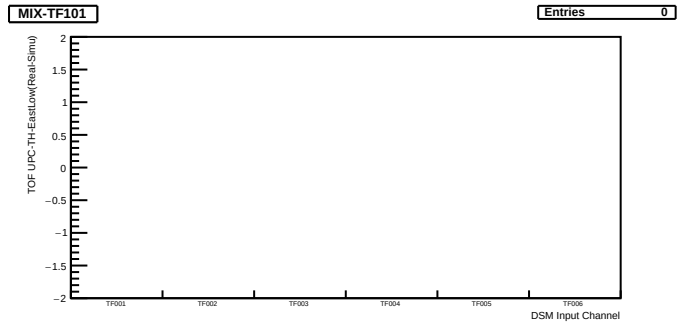

MIX-TF101
Entries 3.510895e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

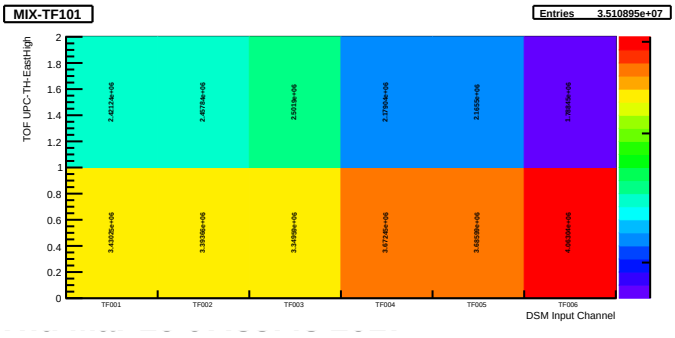

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

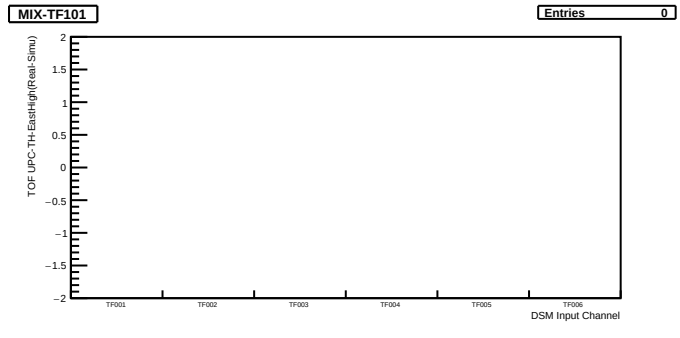

MIX-TF101
Entries 3.510895e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

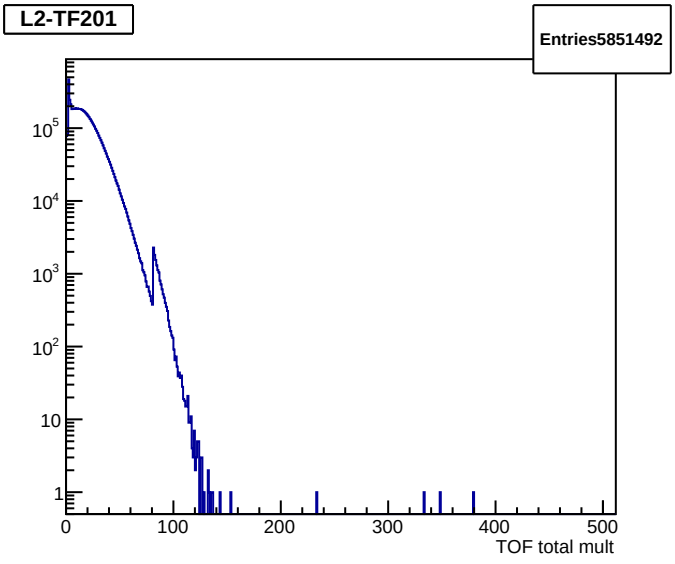

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

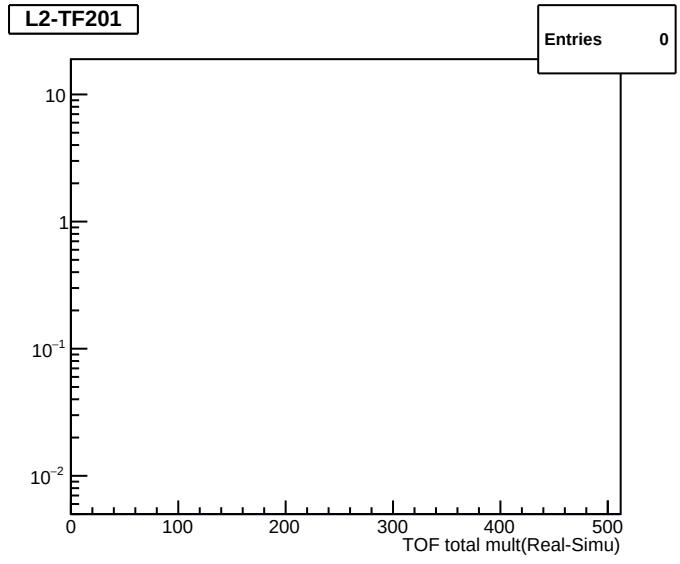

MIX-TF101
Entries 3.510895e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

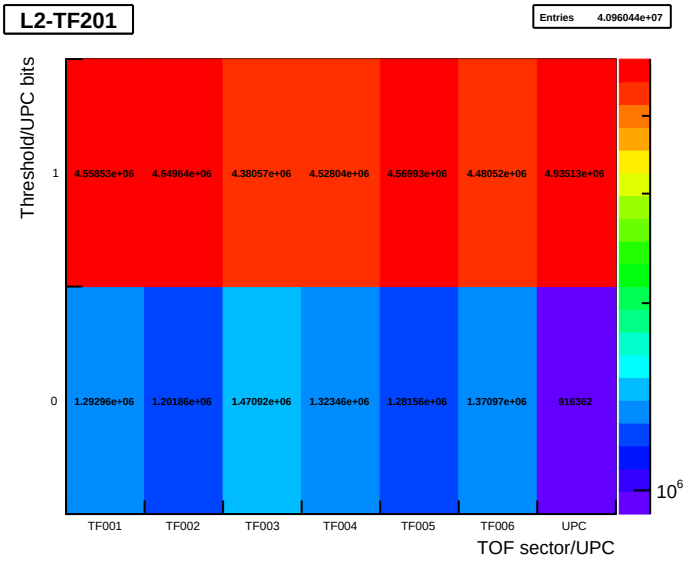

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

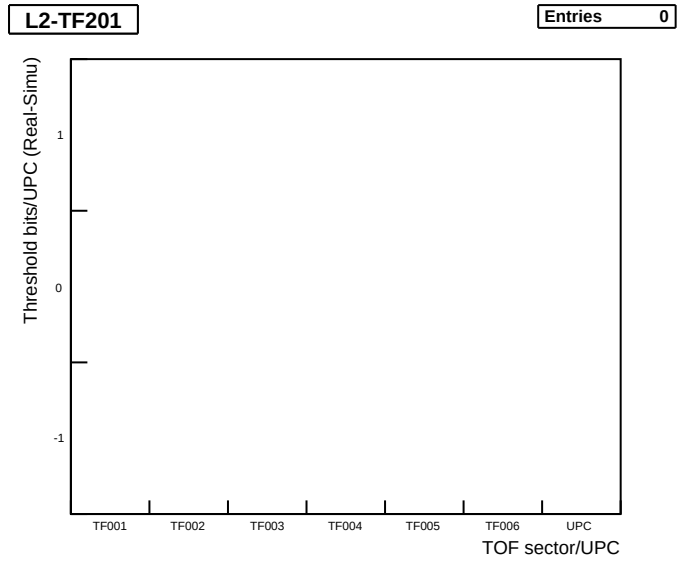

MIX-TF101
Entries 3.510895e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

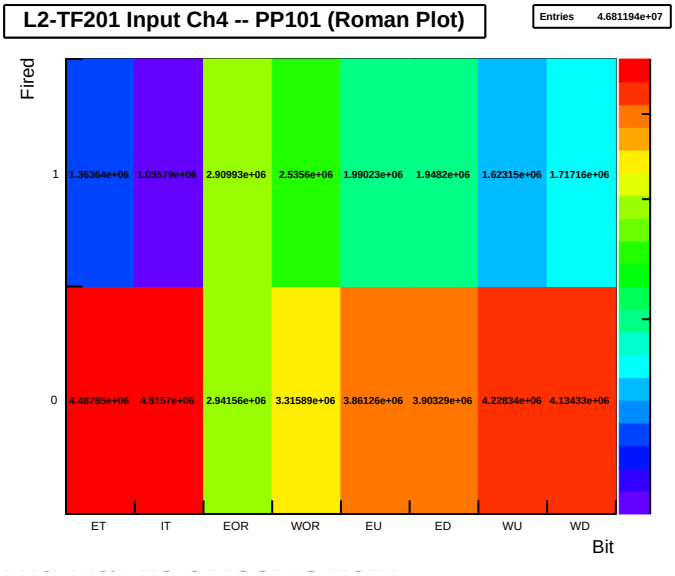

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

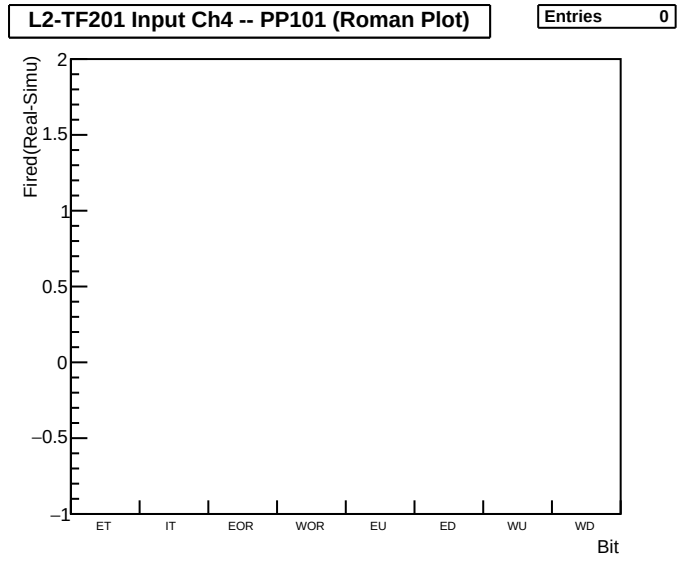

L2-TF201
Entries5851492
TOF total mult

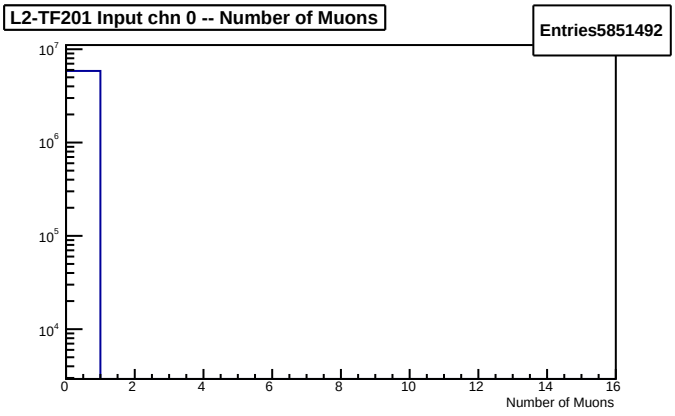

L2-TF201
Entries 0
TOF total mult(Real-Simu)

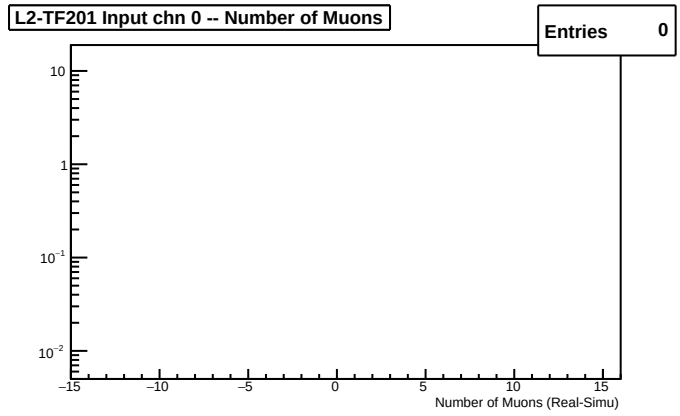

L2-TF201
Entries 4.096044e+07
Threshold/UPC bits
4.55853e+06
4.64964e+06
4.38057e+06
4.52804e+06
4.56993e+06
4.48052e+06
4.93513e+06
1.29296e+06
1.20186e+06
1.47092e+06
1.32346e+06
1.28156e+06
1.37097e+06
916362
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

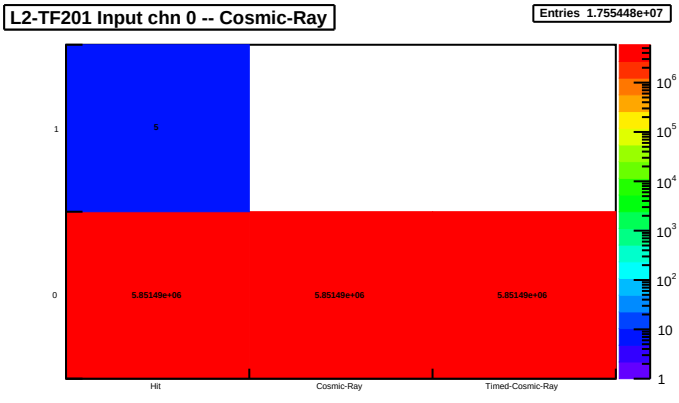

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

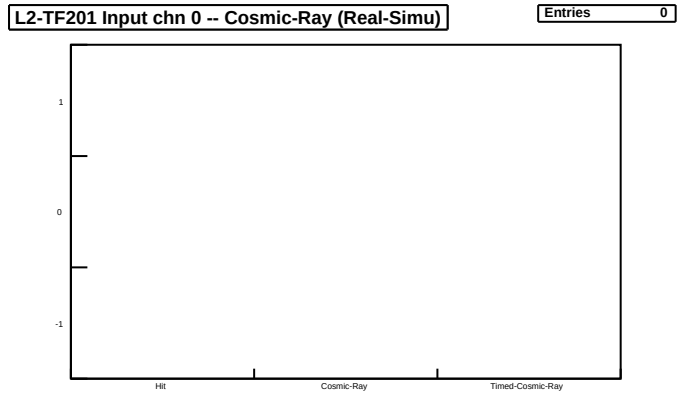

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.681194e+07
Fired
1.36364e+06
1.03579e+06
2.90993e+06
2.5356e+06
1.99023e+06
1.9482e+06
1.62315e+06
1.71716e+06
4.48785e+06
4.8157e+06
2.94156e+06
3.31589e+06
3.86126e+06
3.90329e+06
4.22834e+06
4.13433e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

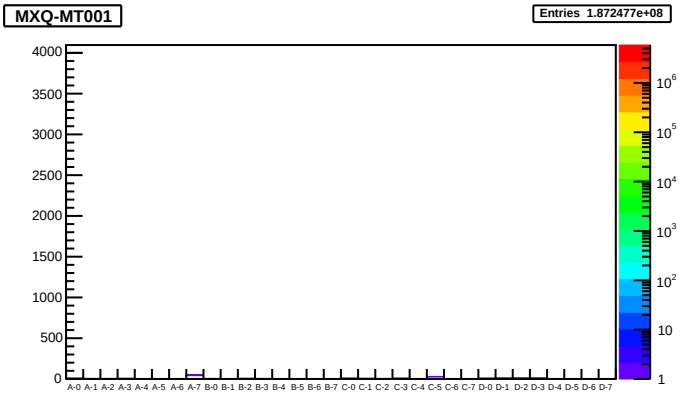

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

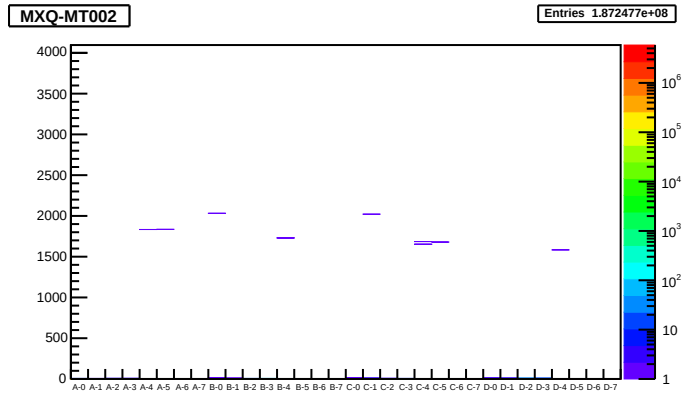

L2-TF201 Input chn 0 -- Number of Muons
Entries5851492
Number of Muons

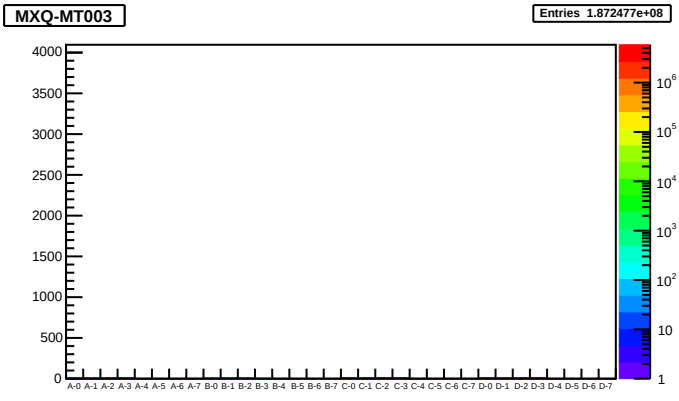

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

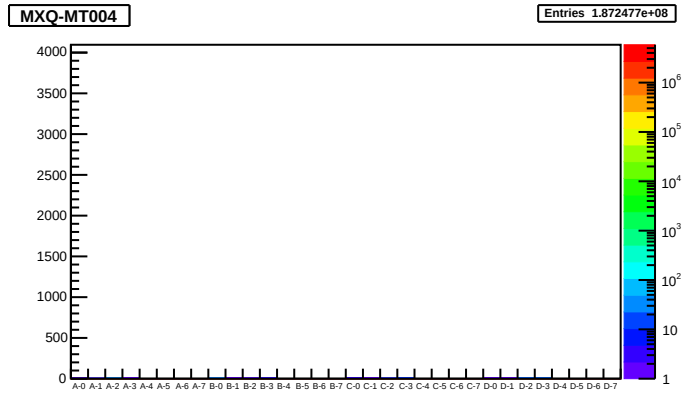

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.755448e+07
5
5.85149e+06
5.85149e+06
5.85149e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

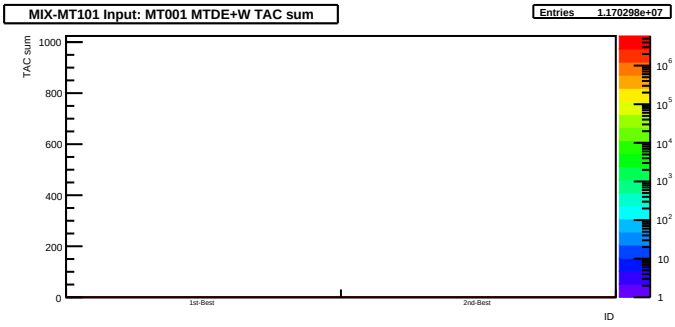

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

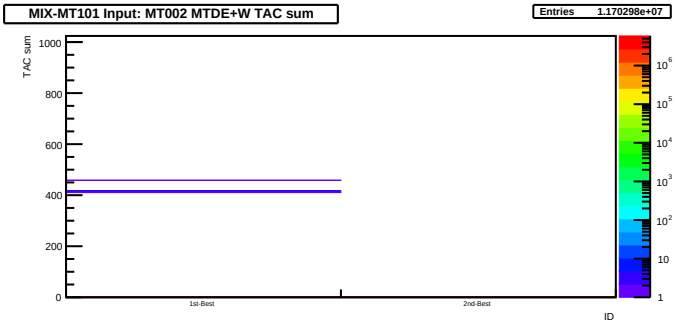

MXQ-MT001
Entries 1.872477e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

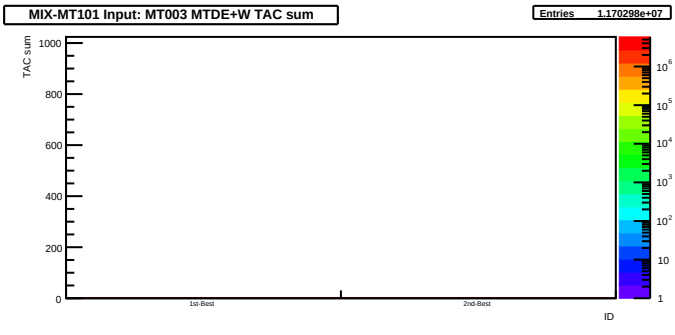

MXQ-MT002
Entries 1.872477e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

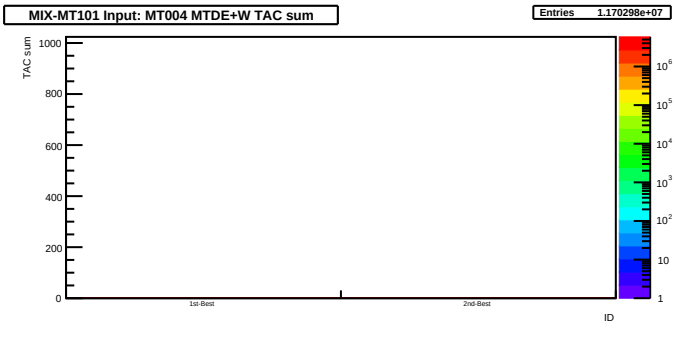

MXQ-MT003
Entries 1.872477e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

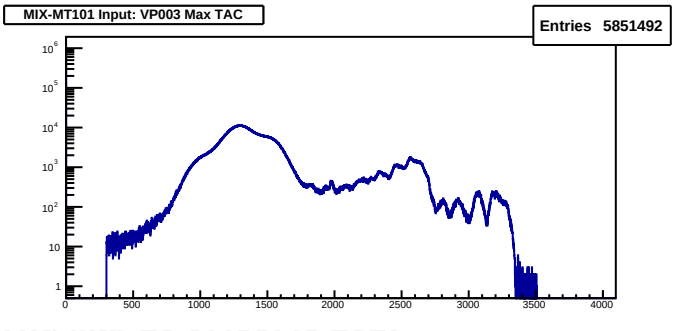

MXQ-MT004
Entries 1.872477e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

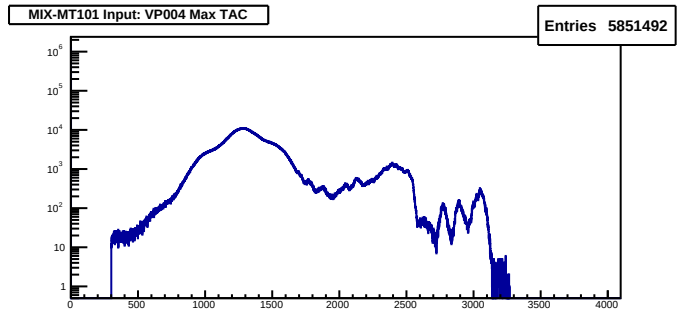

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.170298e+07
TAC sum
1st-Best
2nd-Best
ID

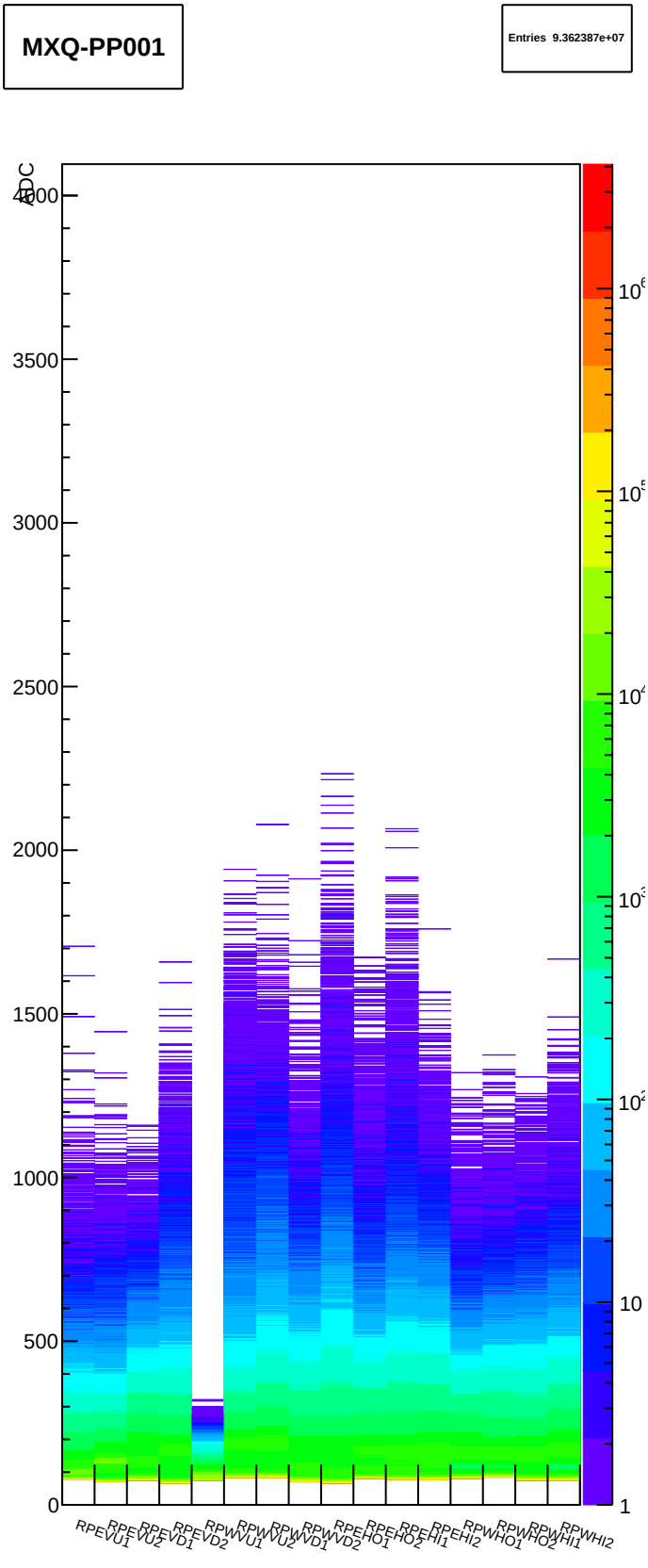

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.170298e+07
TAC sum
1st-Best
2nd-Best
ID

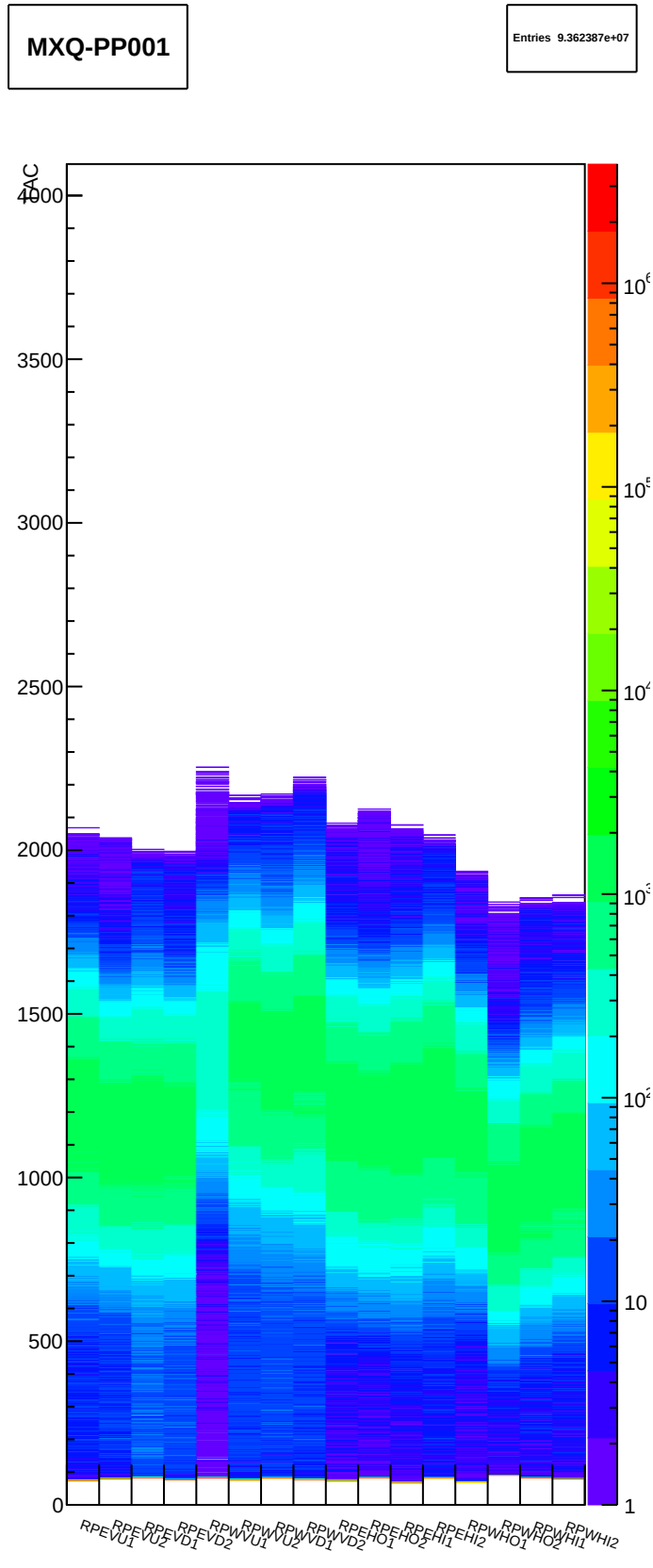

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.170298e+07
TAC sum
1st-Best
2nd-Best
ID

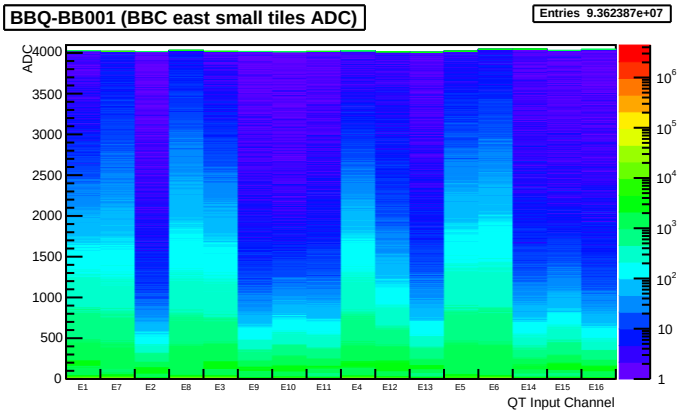

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.170298e+07
TAC sum
1st-Best
2nd-Best
ID

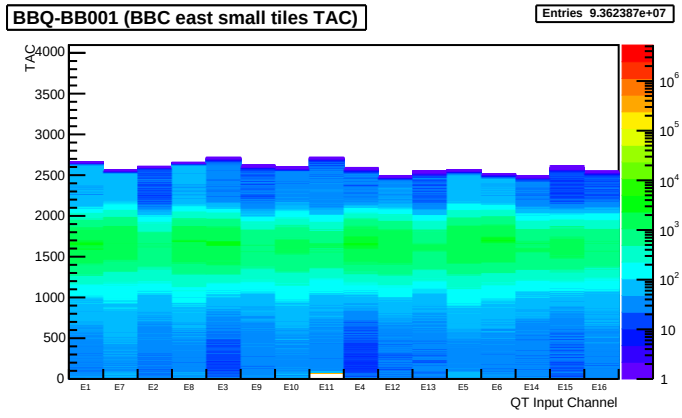

MIX-MT101 Input: VP003 Max TAC
Entries 5851492

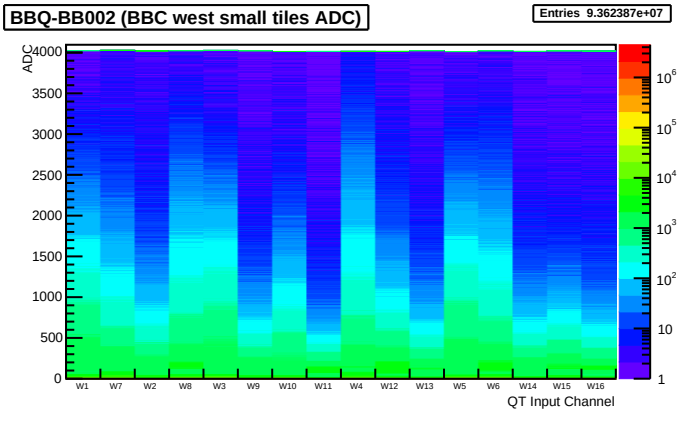

MIX-MT101 Input: VP004 Max TAC
Entries 5851492

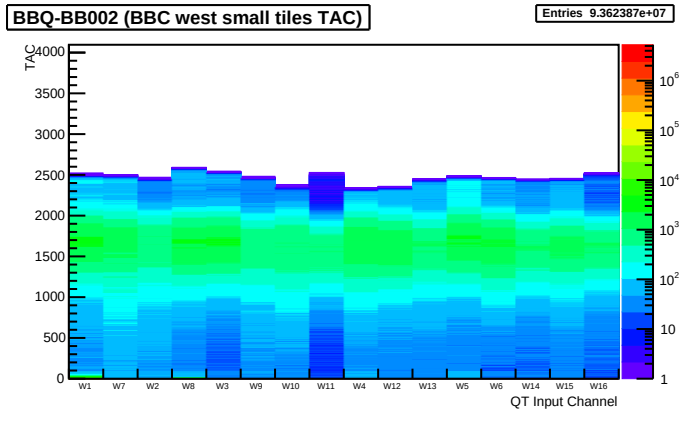

MXQ-PP001
Entries 9.362387e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

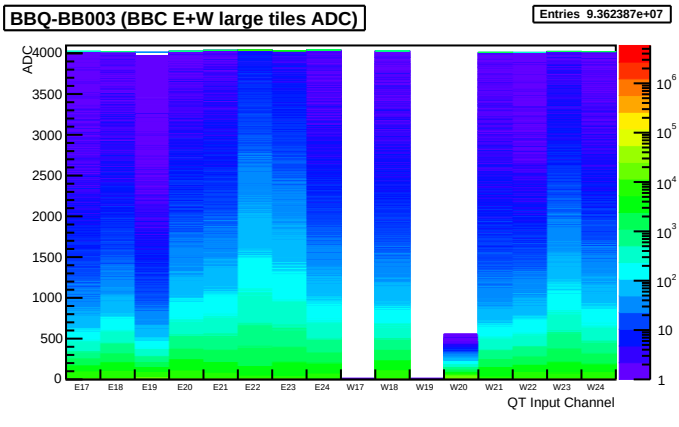

MXQ-PP001
Entries 9.362387e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

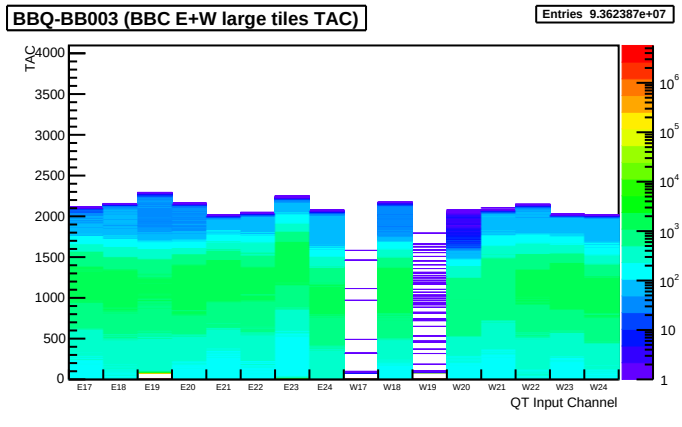

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.362387e+07
ADC
QT Input Channel

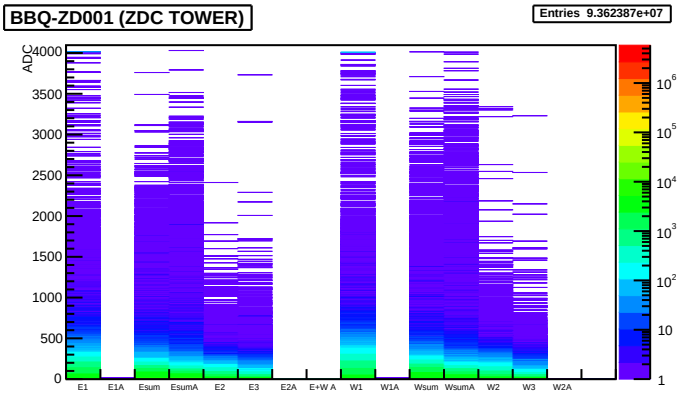

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.362387e+07
TAC
QT Input Channel

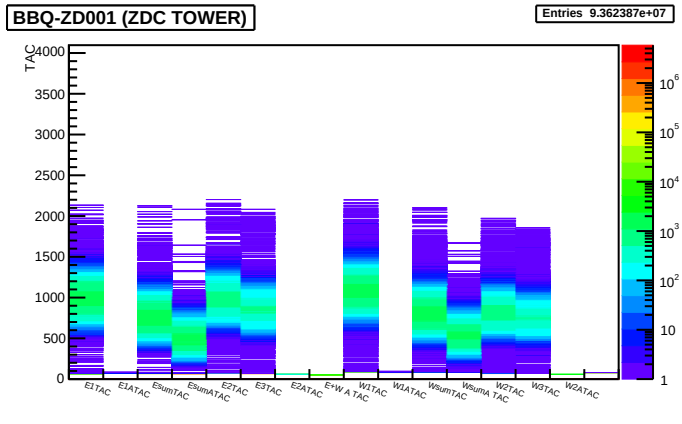

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.362387e+07
ADC
QT Input Channel

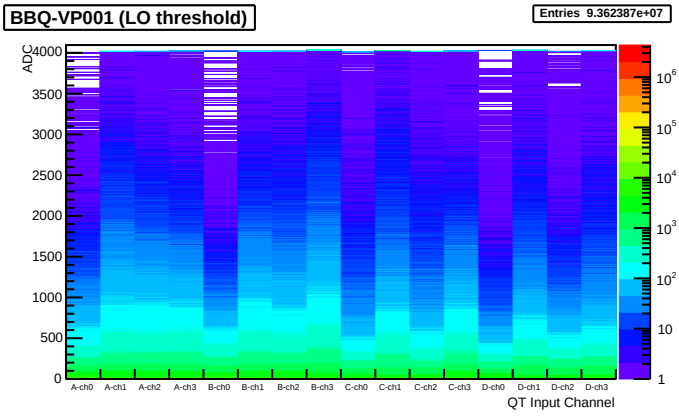

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.362387e+07
TAC
QT Input Channel

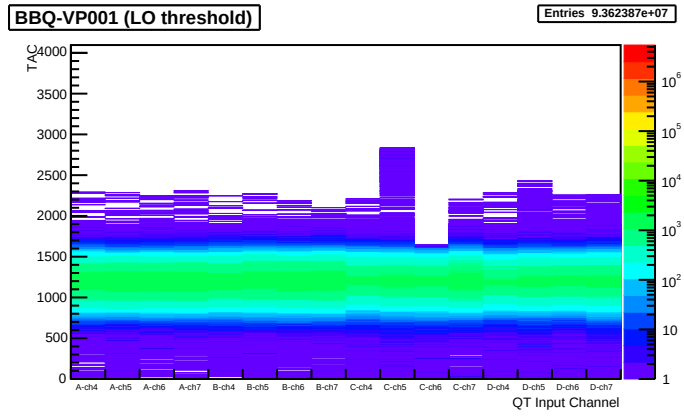

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.362387e+07
ADC
QT Input Channel

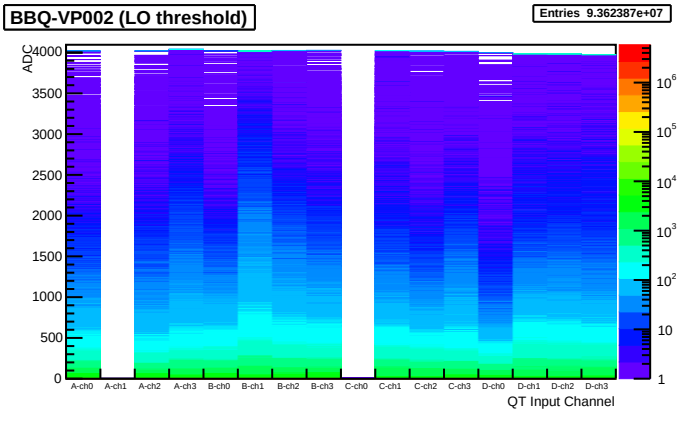

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.362387e+07
TAC
QT Input Channel

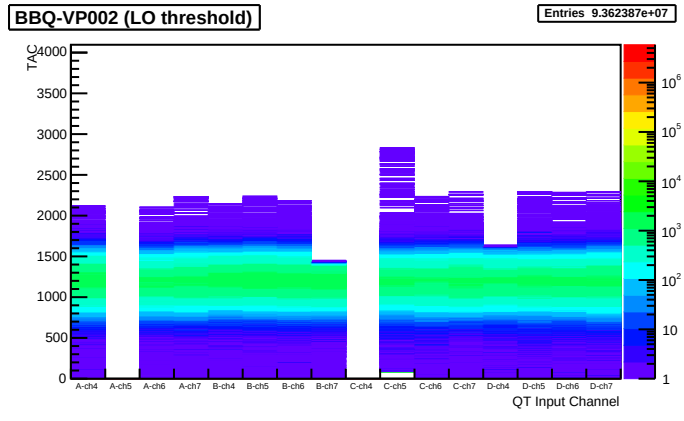

BBQ-ZD001 (ZDC TOWER)
Entries 9.362387e+07
ADC

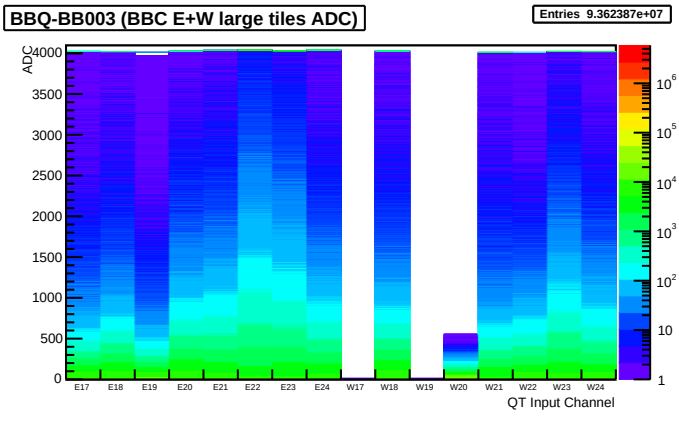

BBQ-ZD001 (ZDC TOWER)
Entries 9.362387e+07
TAC

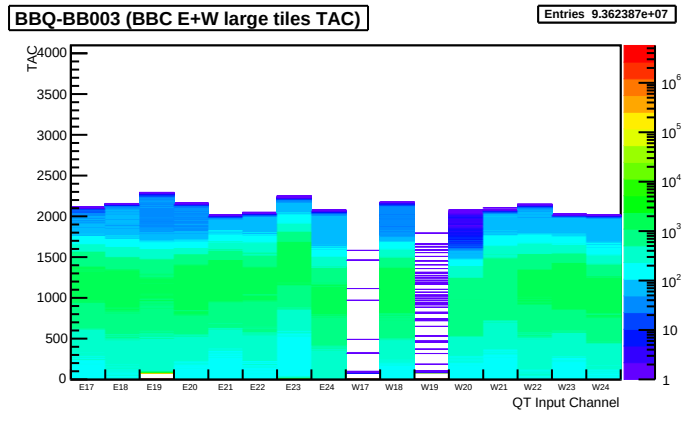

BBQ-VP001 (LO threshold)
Entries 9.362387e+07
ADC
QT Input Channel

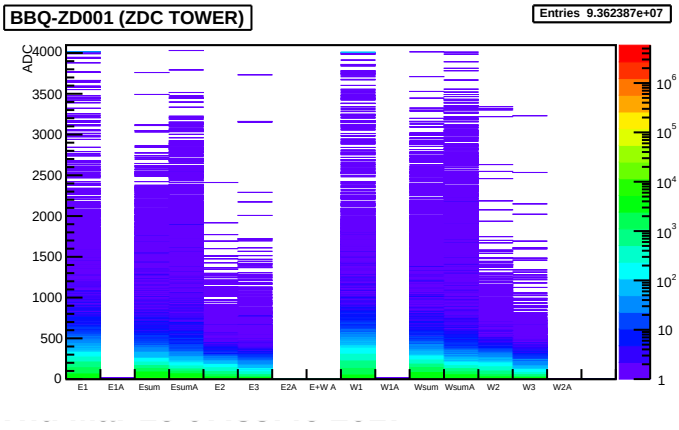

BBQ-VP001 (LO threshold)
Entries 9.362387e+07
TAC
QT Input Channel

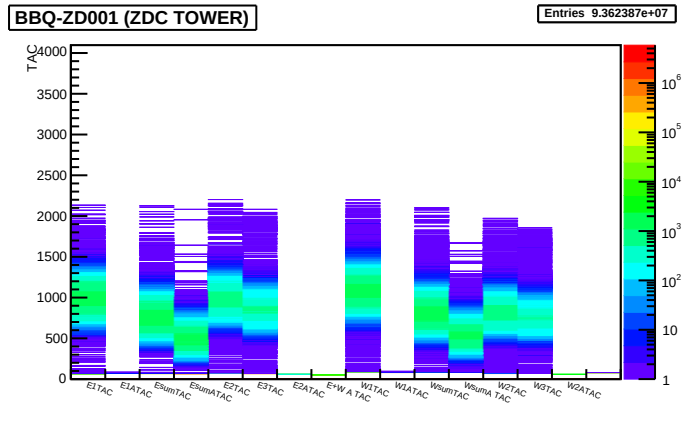

BBQ-VP002 (LO threshold)
Entries 9.362387e+07
ADC
QT Input Channel

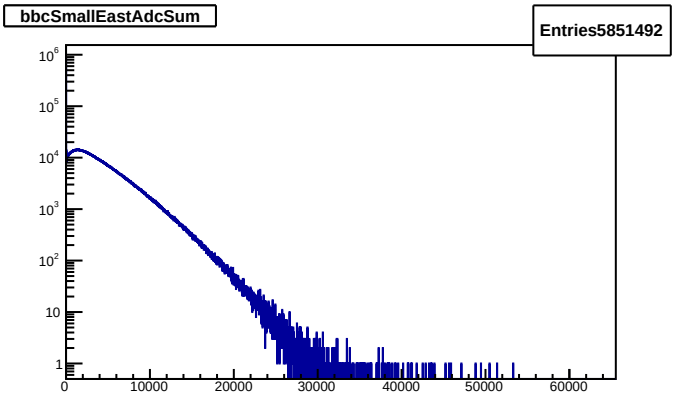

BBQ-VP002 (LO threshold)
Entries 9.362387e+07
TAC
QT Input Channel

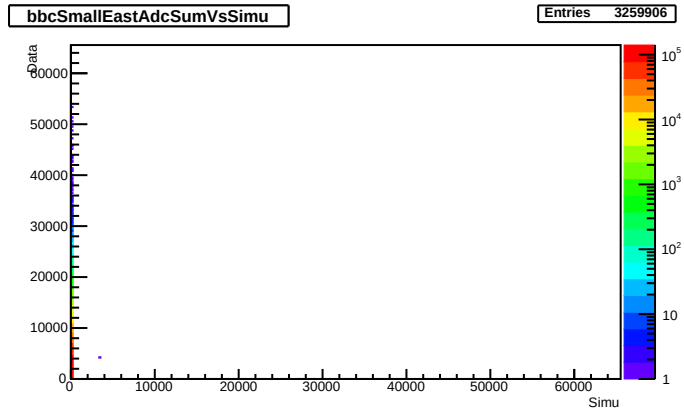

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.362387e+07
ADC
QT Input Channel

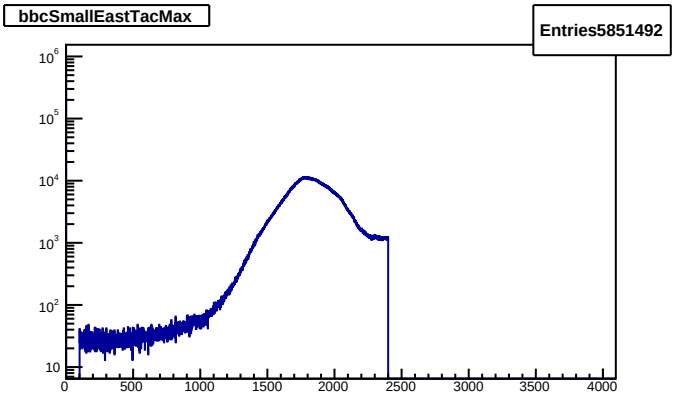

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.362387e+07
TAC
QT Input Channel

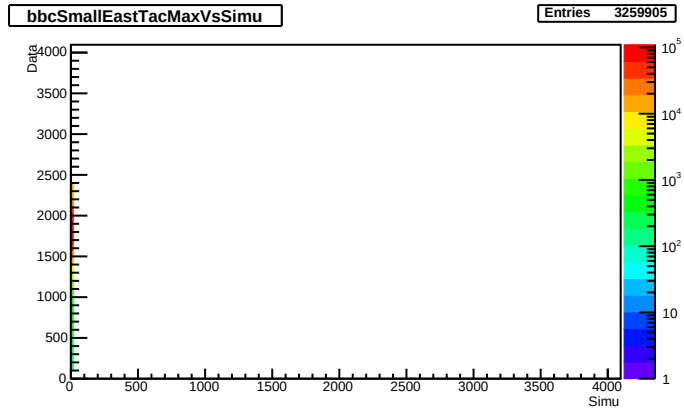

BBQ-ZD001 (ZDC TOWER)
Entries 9.362387e+07
ADC

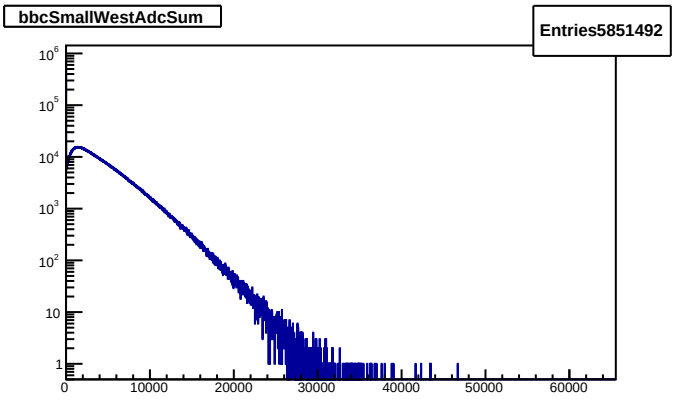

BBQ-ZD001 (ZDC TOWER)
Entries 9.362387e+07
TAC

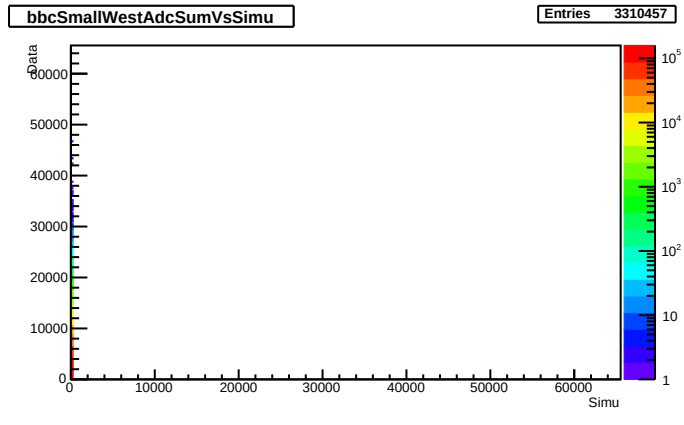

bbcSmallEastAdcSum
Entries5851492

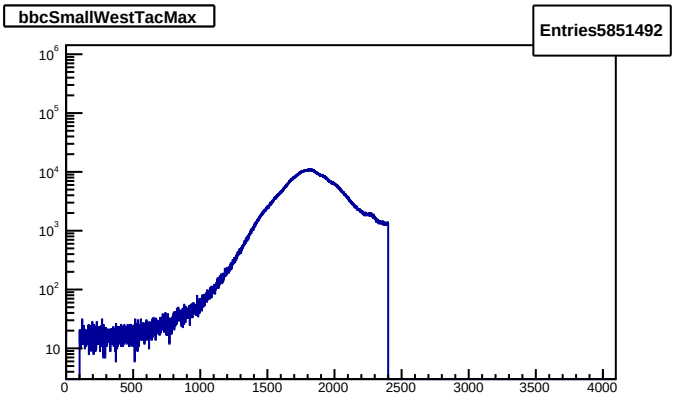

bbcSmallEastAdcSumVsSimu
Entries 3259906
Data
Simu

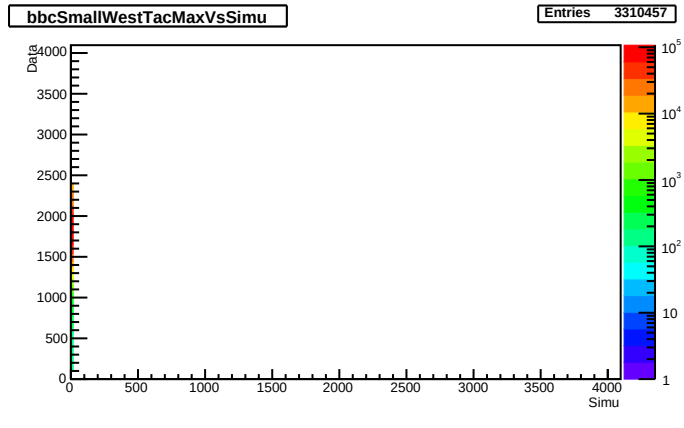

bbcSmallEastTacMax
Entries5851492

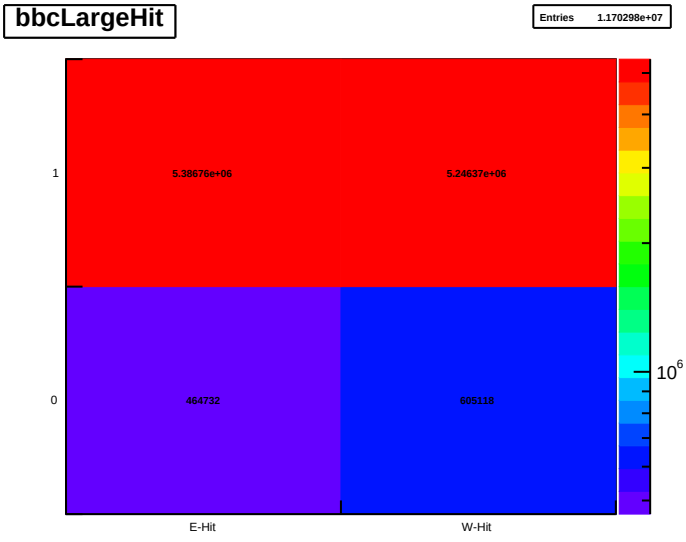

bbcSmallEastTacMaxVsSimu
Entries 3259905
Data
Simu

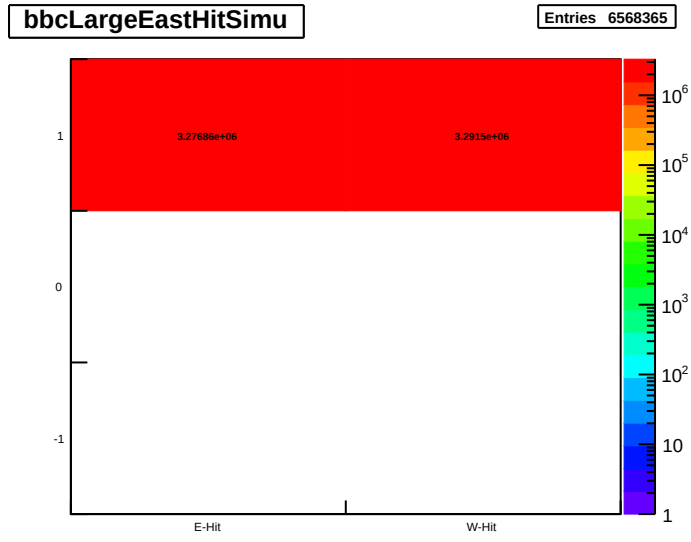

bbcSmallWestAdcSum
Entries5851492

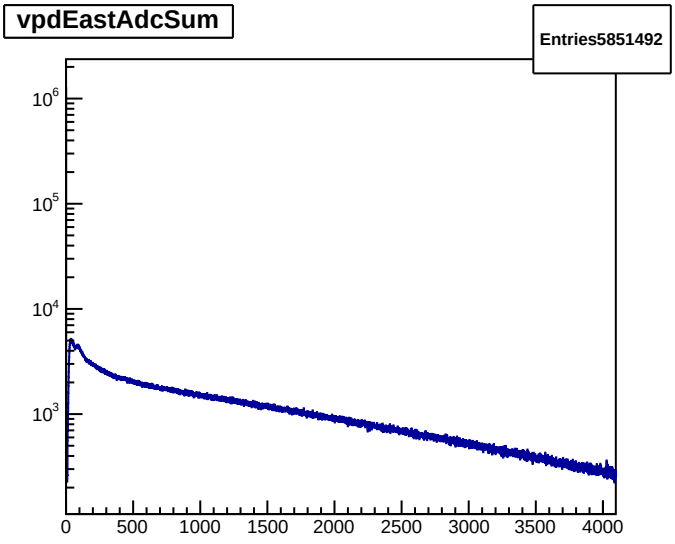

bbcSmallWestAdcSumVsSimu
Entries 3310457
Data
Simu

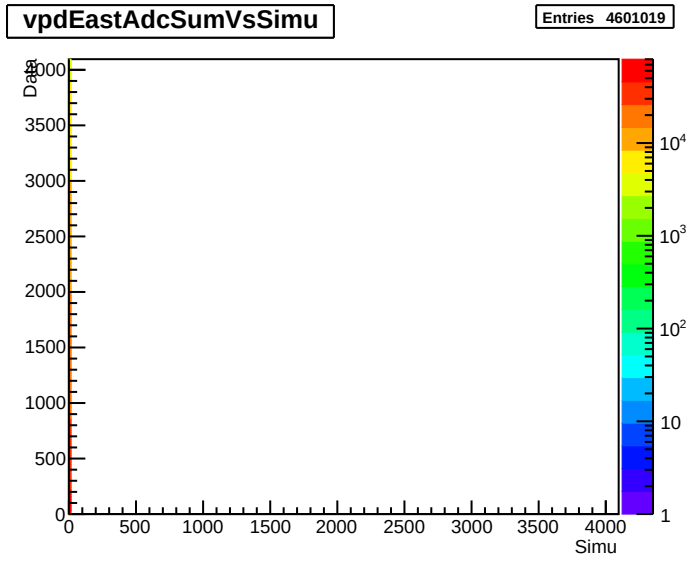

bbcSmallWestTacMax
Entries5851492

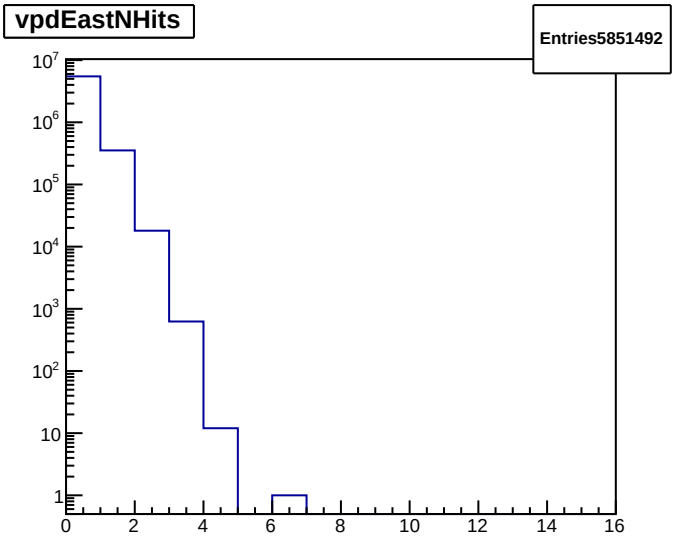

bbcSmallWestTacMaxVsSimu
Entries 3310457
Data
Simu

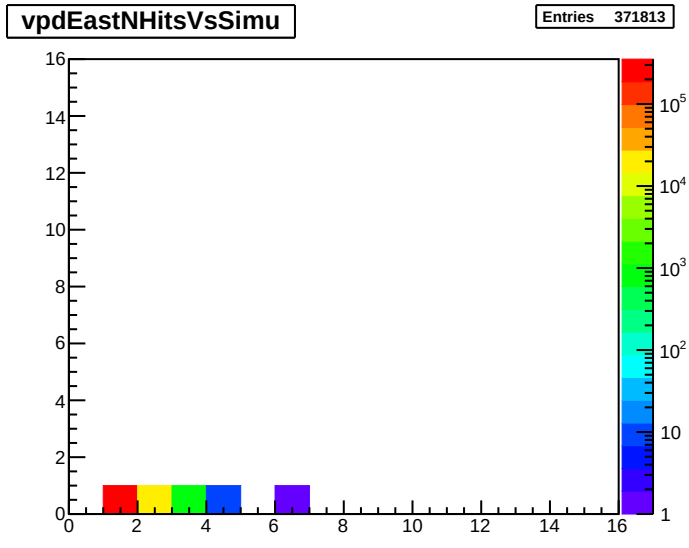

bbcLargeHit
Entries 1.170298e+07
5.38676e+06
5.24637e+06
464732
605118
1
0
E-Hit
W-Hit
10^6

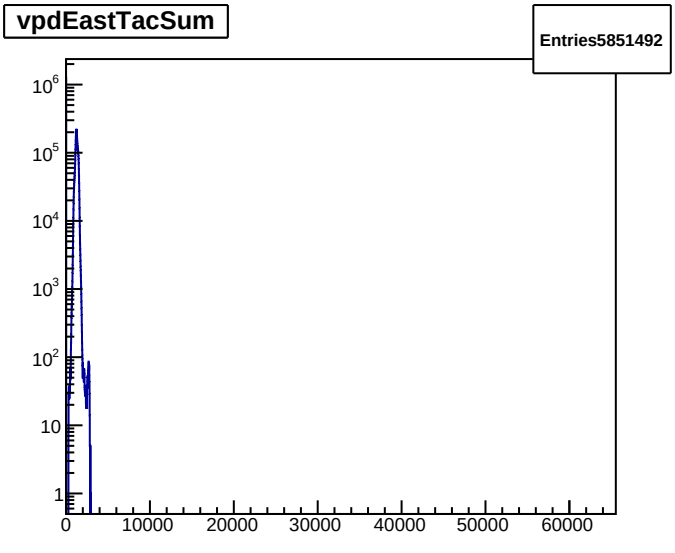

bbcLargeEastHitSimu
Entries 6568365
3.27686e+06
3.2915e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

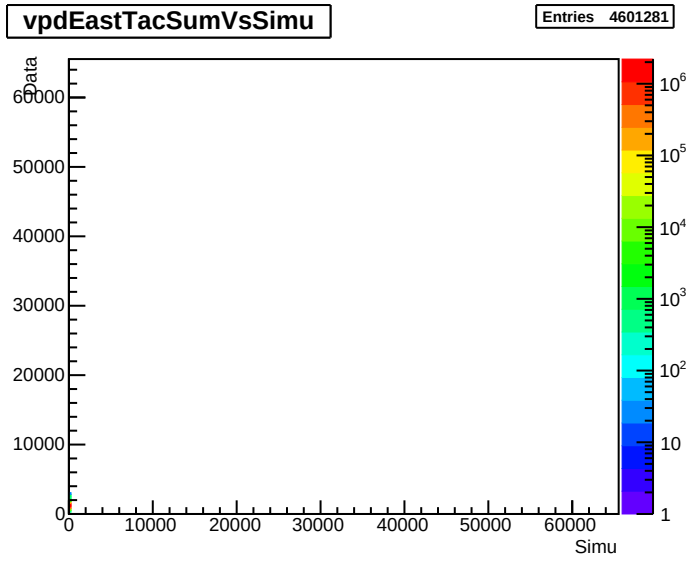

vpdEastAdcSum
Entries5851492

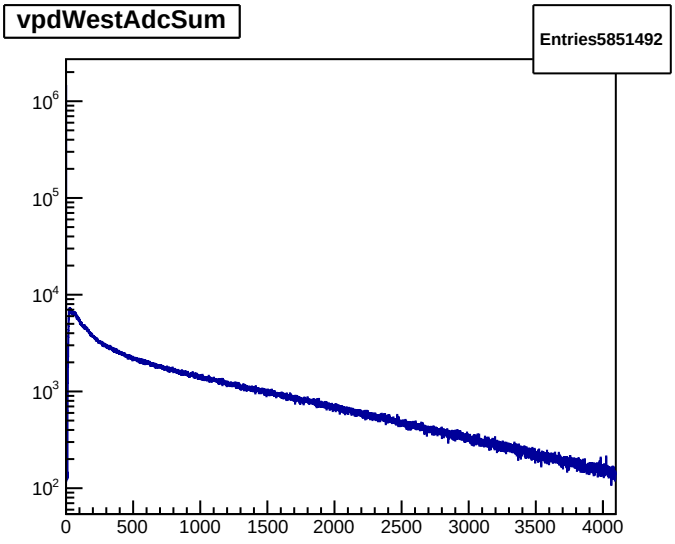

vpdEastAdcSumVsSimu
Entries 4601019
Data
Simu

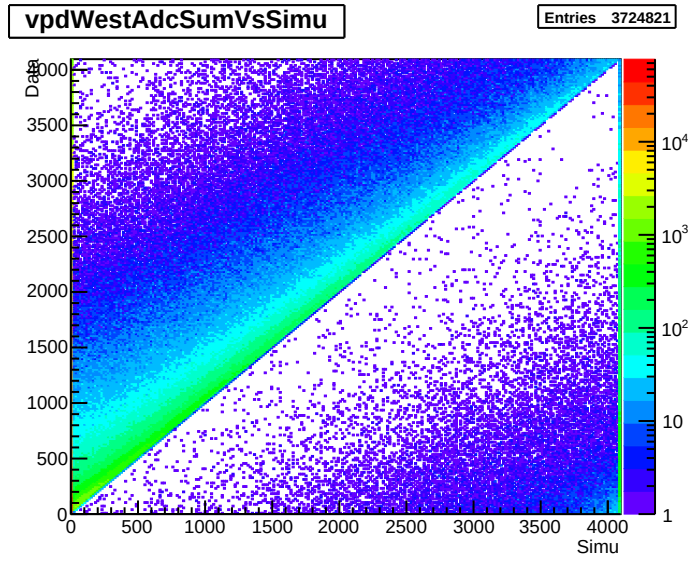

vpdEastNHits
Entries5851492

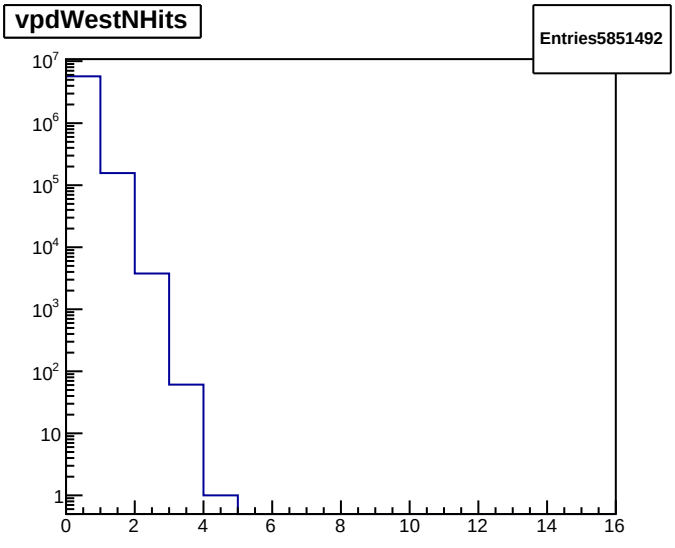

vpdEastNHitsVsSimu
Entries 371813

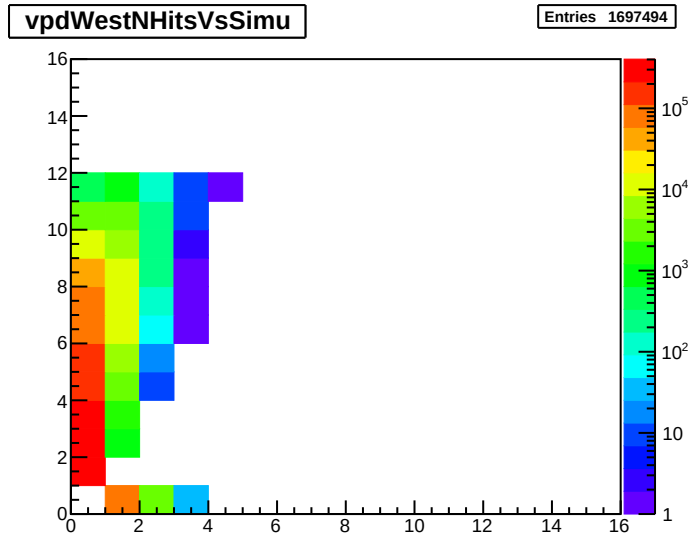

vpdEastTacSum
Entries5851492

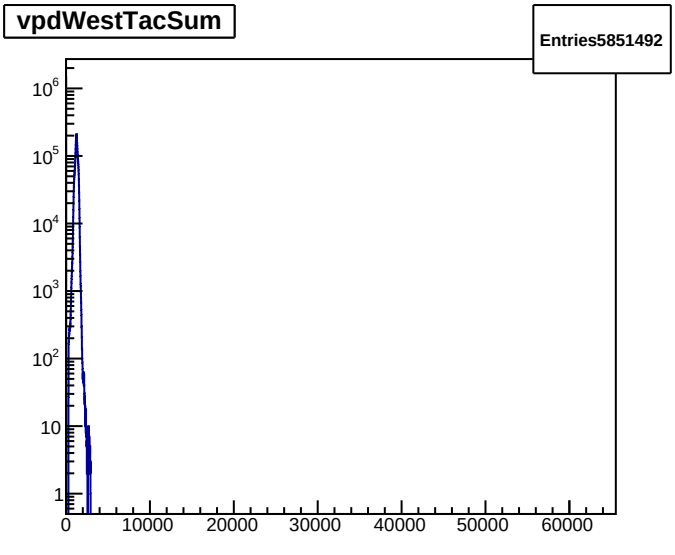

vpdEastTacSumVsSimu
Entries 4601281
Data
Simu

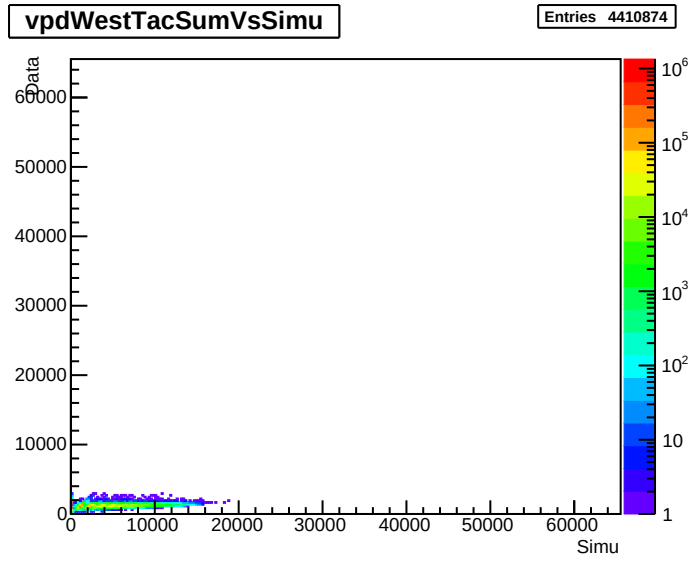

vpdWestAdcSum
Entries5851492

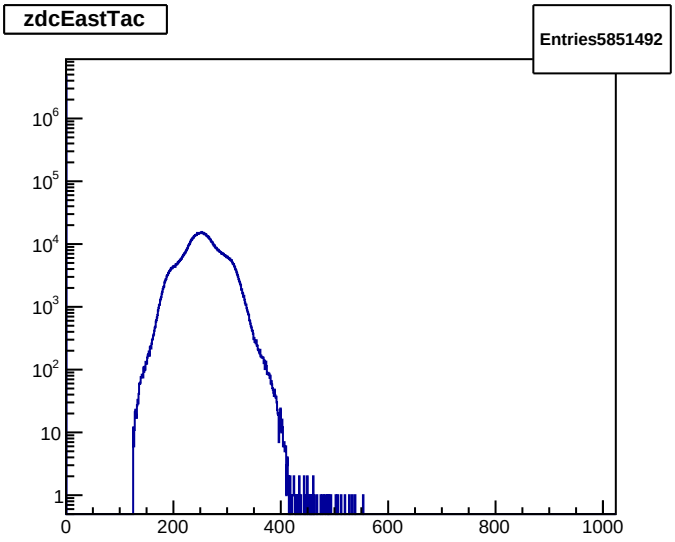

vpdWestAdcSumVsSimu
Entries 3724821
Data
Simu

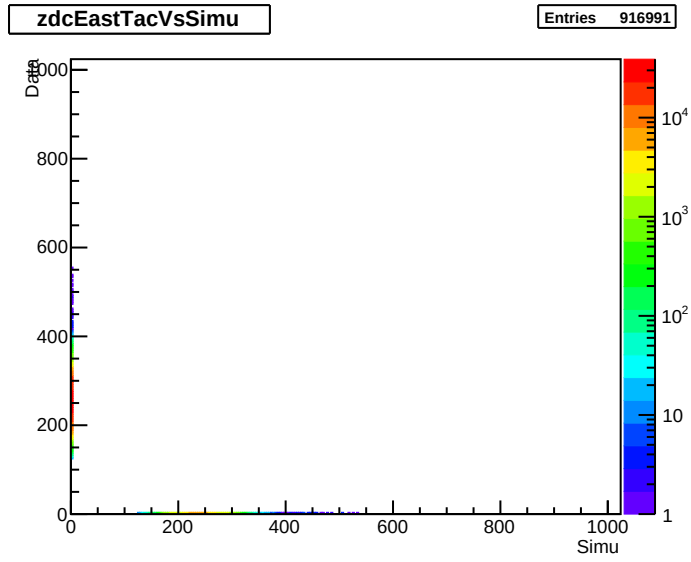

vpdWestNHits
Entries5851492

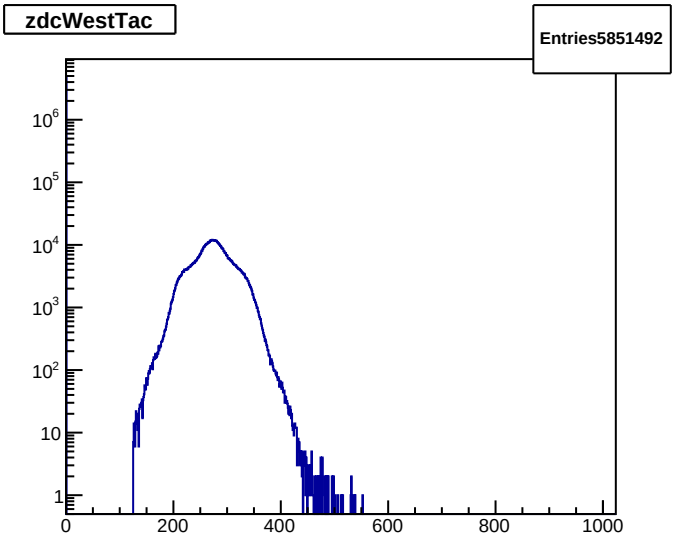

vpdWestNHitsVsSimu
Entries 1697494

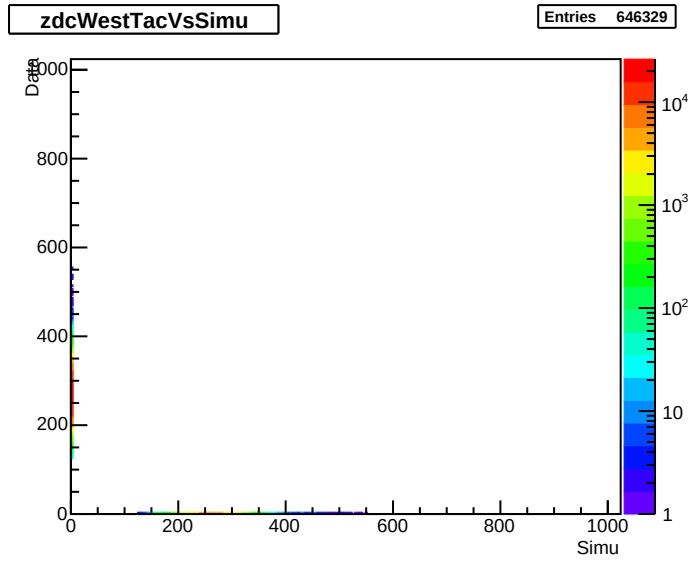

vpdWestTacSum
Entries5851492

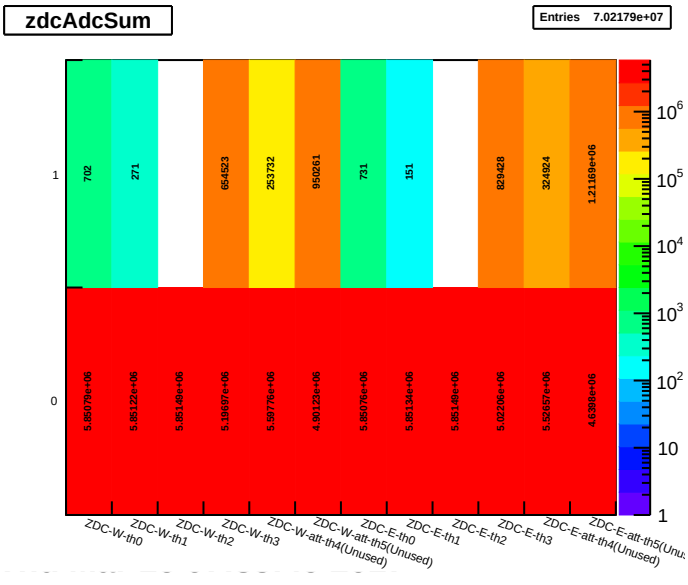

vpdWestTacSumVsSimu
Entries 4410874
Data
Simu

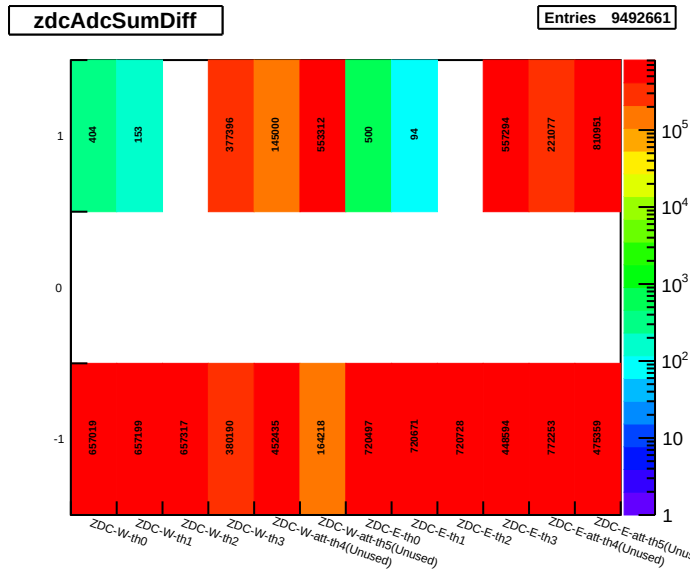

zdcEastTac
Entries5851492

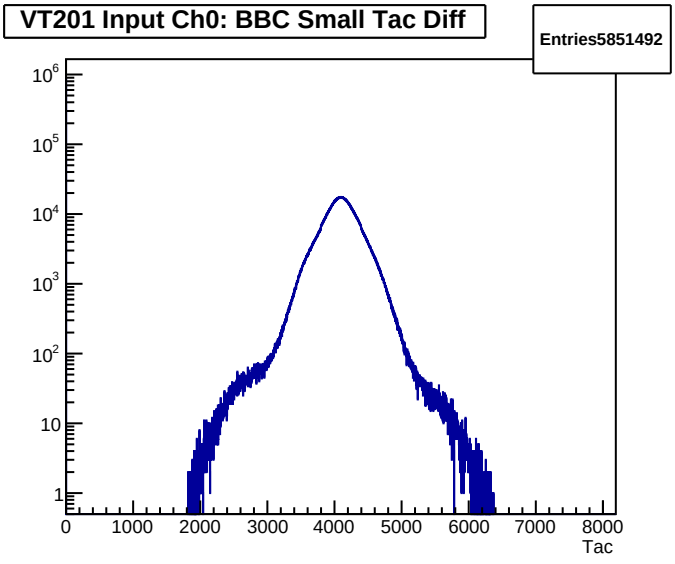

zdcEastTacVsSimu
Entries 916991
Data
Simu

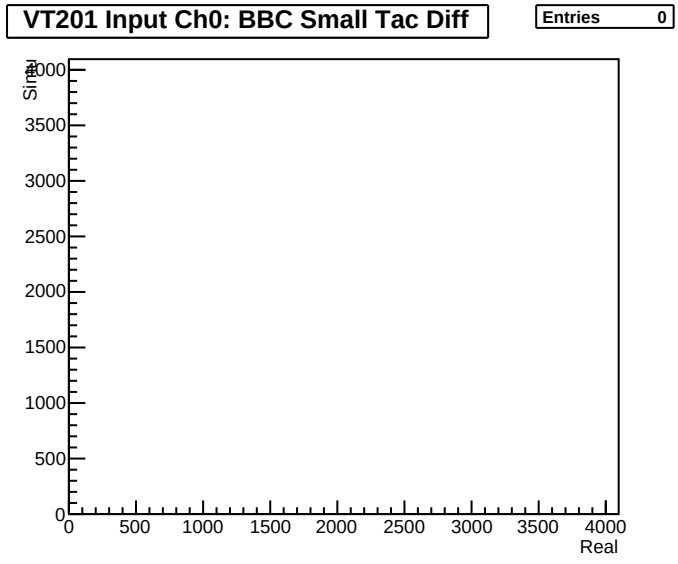

zdcWestTac
Entries5851492

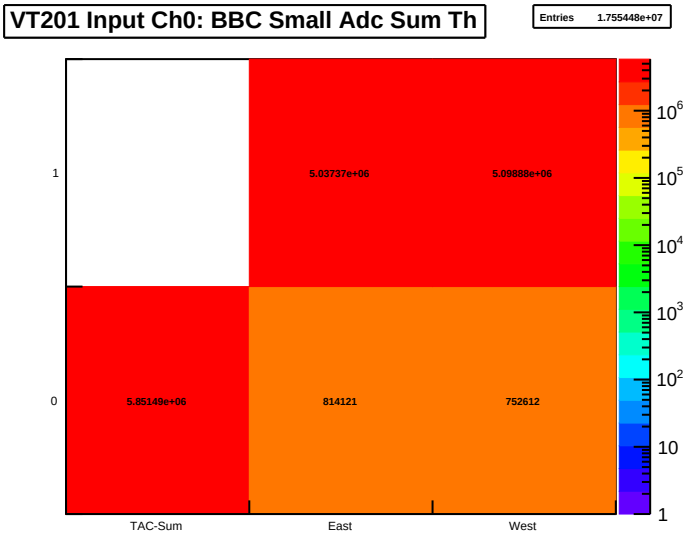

zdcWestTacVsSimu
Entries 646329
Data
Simu

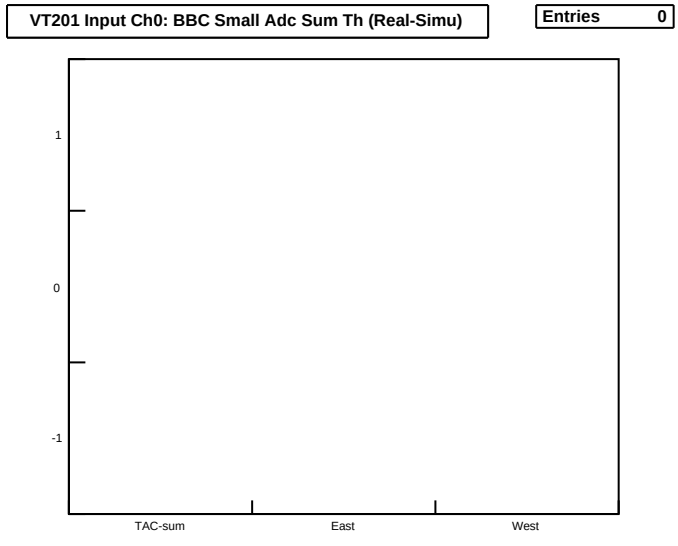

zdcAdcSum
Entries 7.02179e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

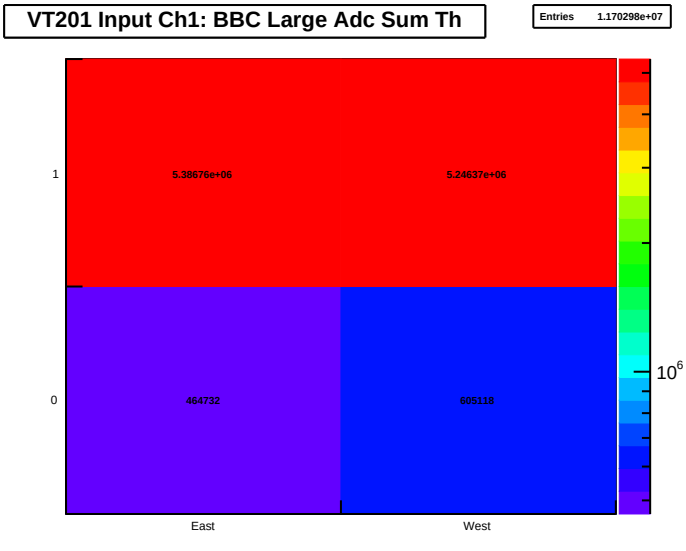

zdcAdcSumDiff
Entries 9492661
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

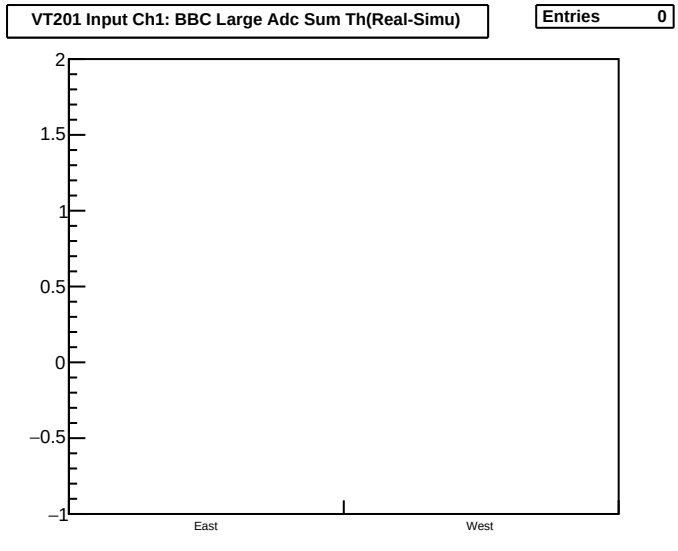

VT201 Input Ch0: BBC Small Tac Diff
Entries5851492
Tac


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

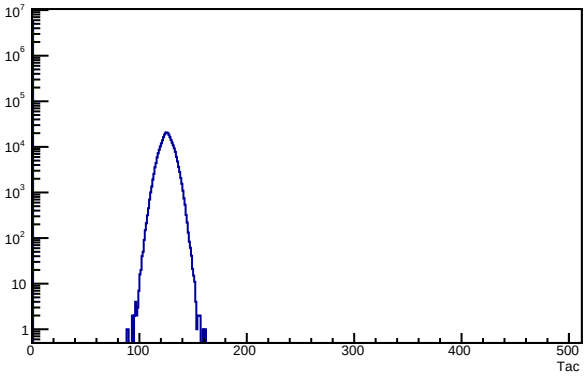

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.755448e+07
5.03737e+06
5.09888e+06
5.85149e+06
814121
752612
TAC-Sum
East
West


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

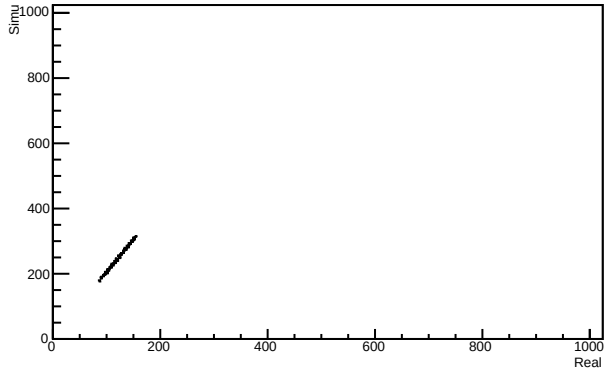

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.170298e+07
5.38676e+06
5.24637e+06
464732
605118
East
West


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

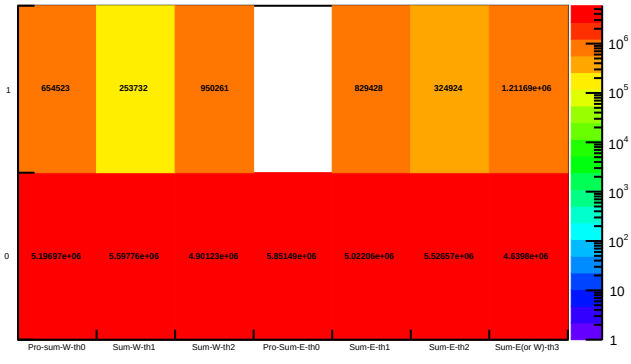
VT201 Input Ch2: ZDC Tac Diff



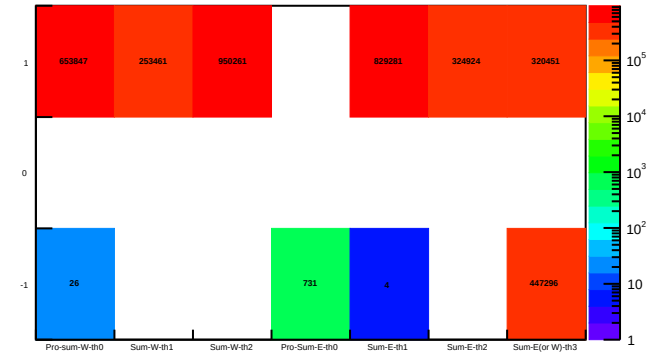
VT201 Input Ch2: ZDC Tac Diff



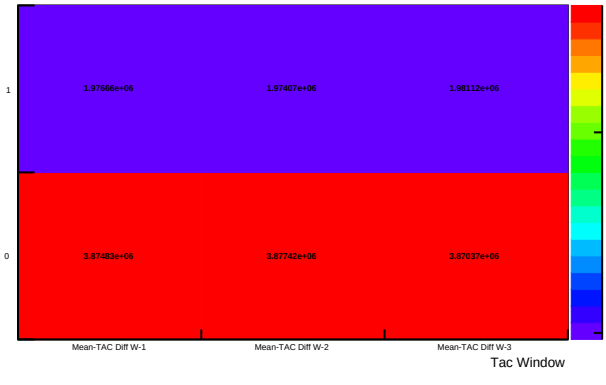
VT201 Input Ch2: ZDC Adc Sum Th



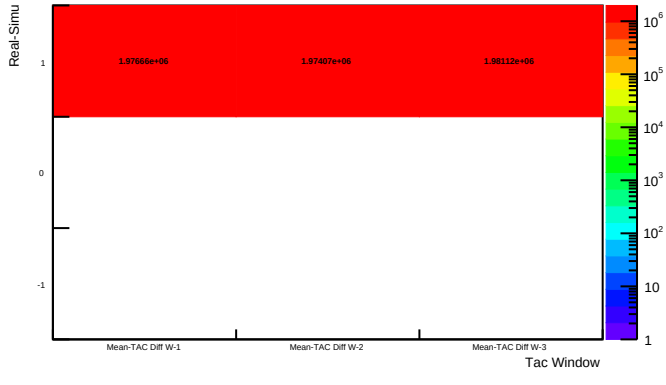
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



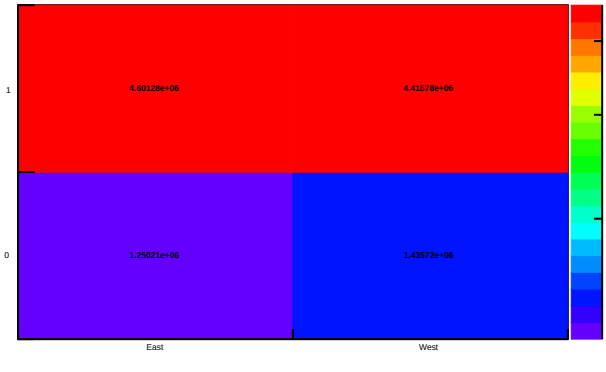
VT201 Input Ch4: VPD Tac Diff



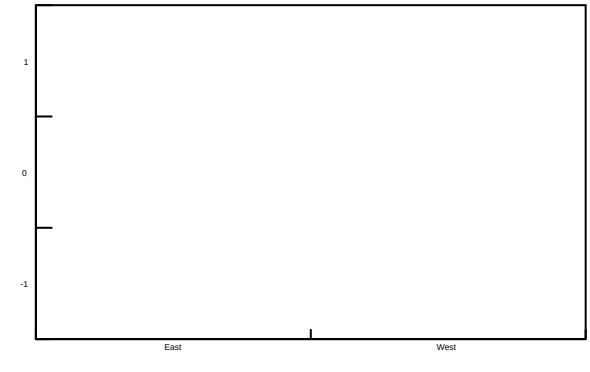
VT201 Input Ch4: VPD Tac Diff

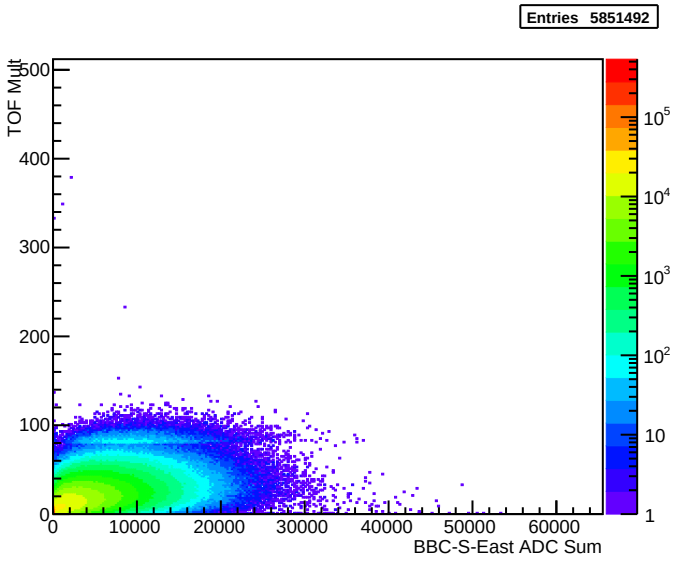


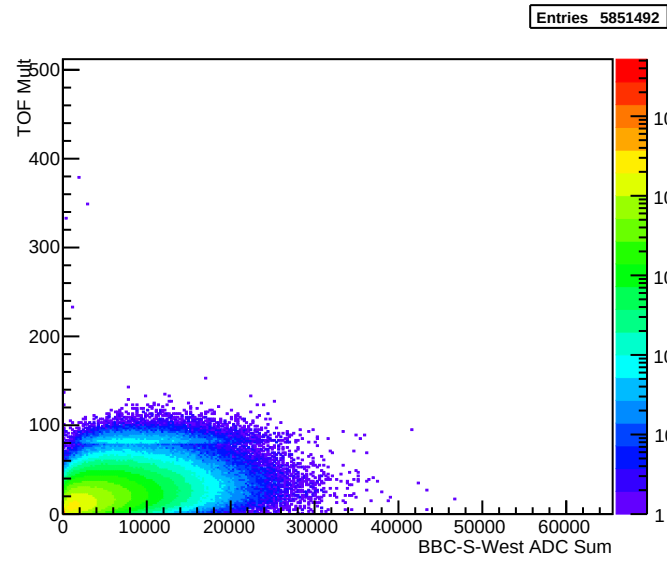
VT201 Input Ch4: VPD Adc Sum Th

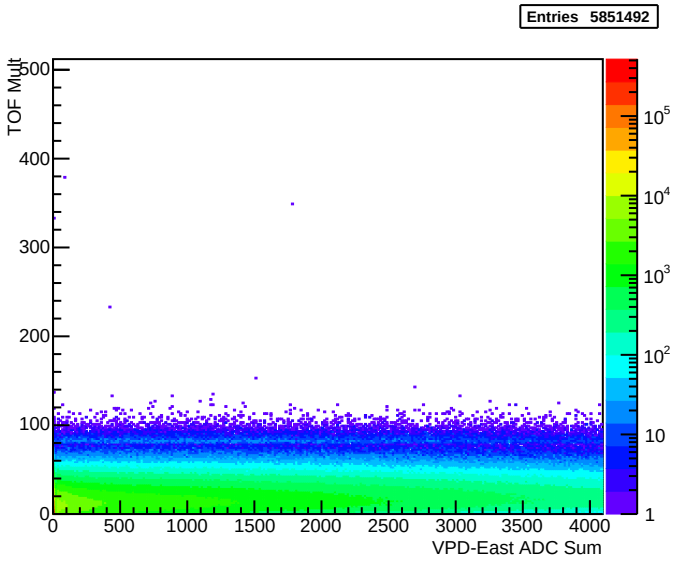


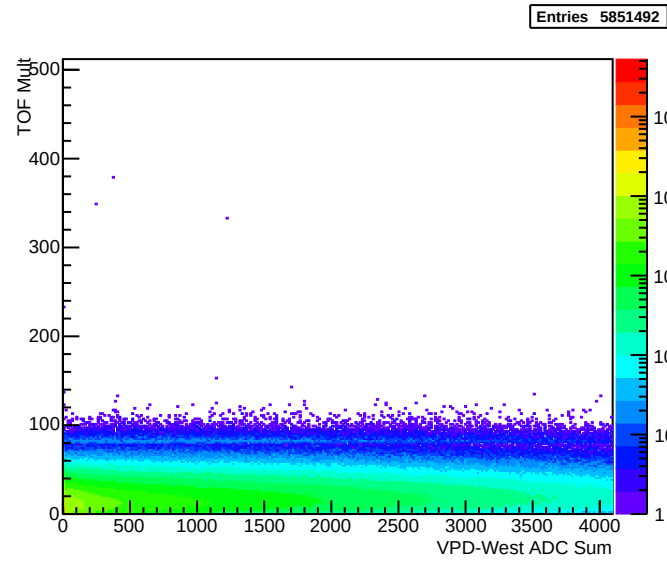
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

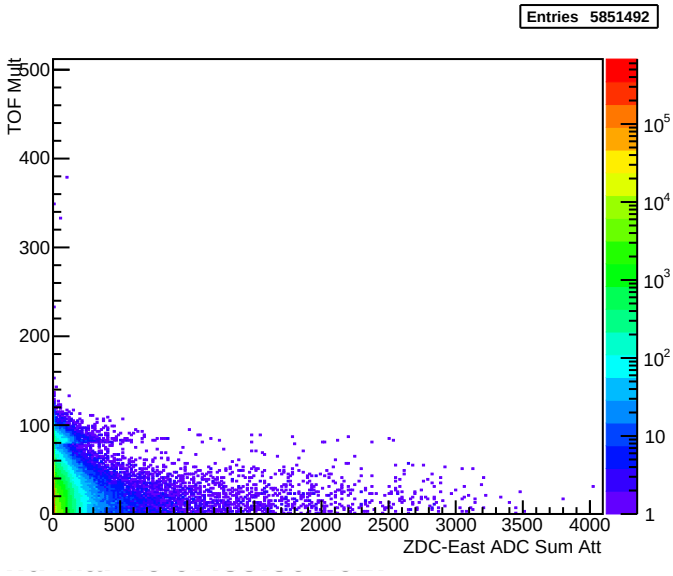


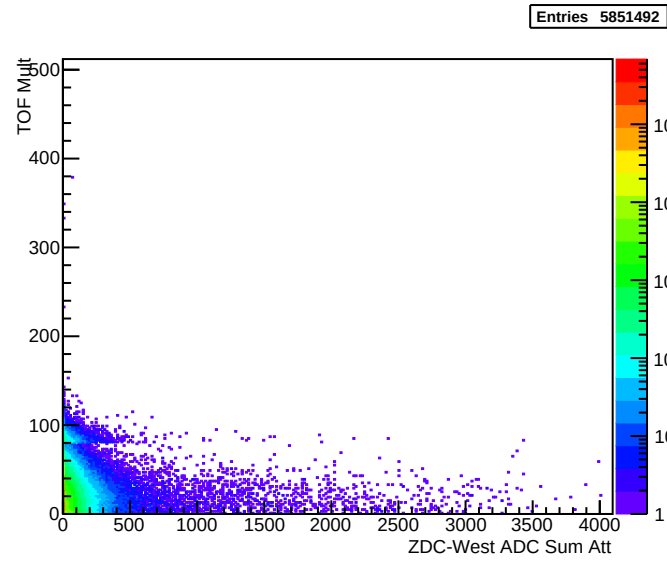

Entries 5851492
TOF Mult
BBC-S-East ADC Sum

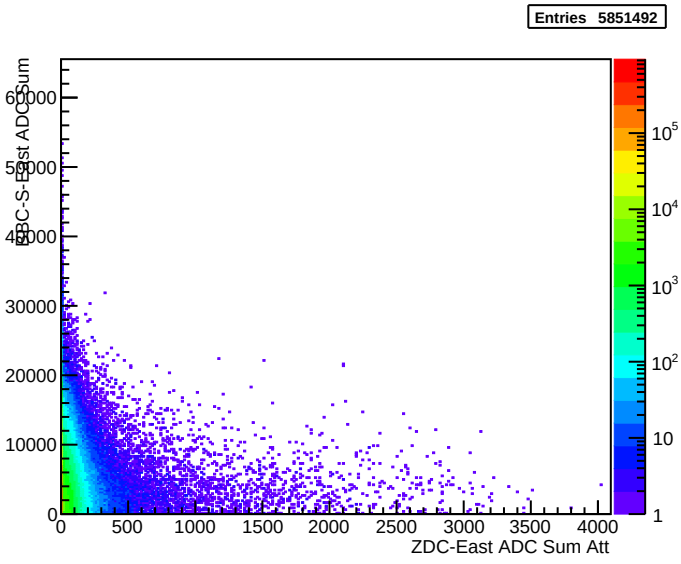

Entries 5851492
TOF Mult
BBC-S-West ADC Sum

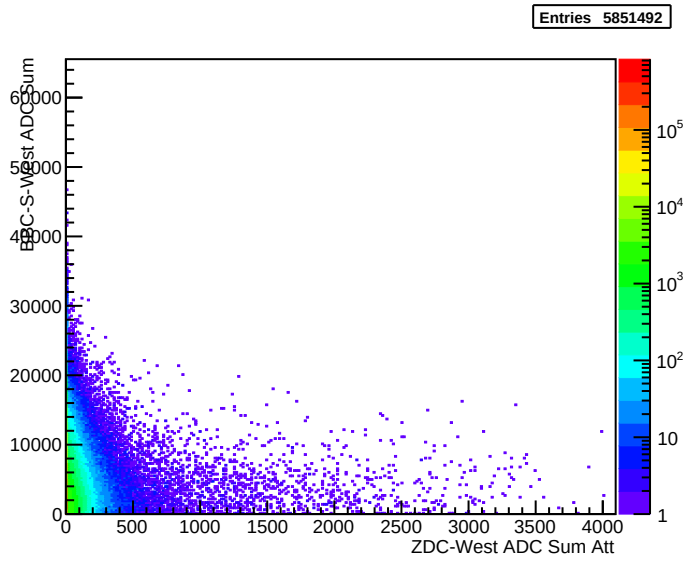

Entries 5851492
TOF Mult
VPD-East ADC Sum

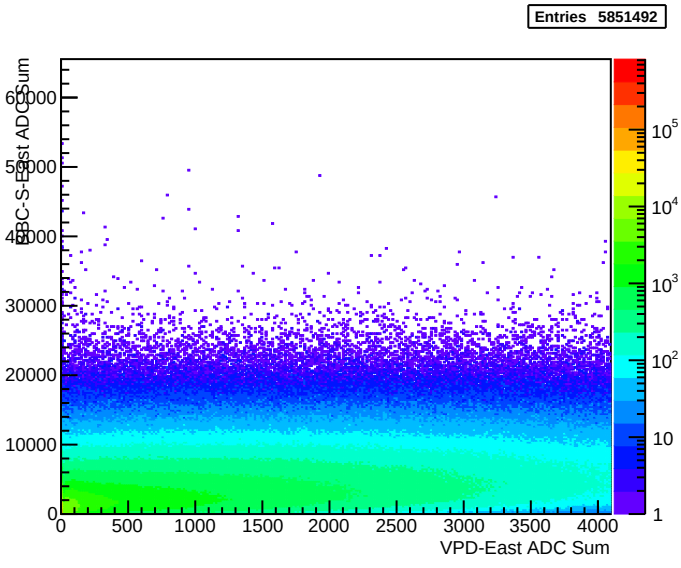

Entries 5851492
TOF Mult
VPD-West ADC Sum

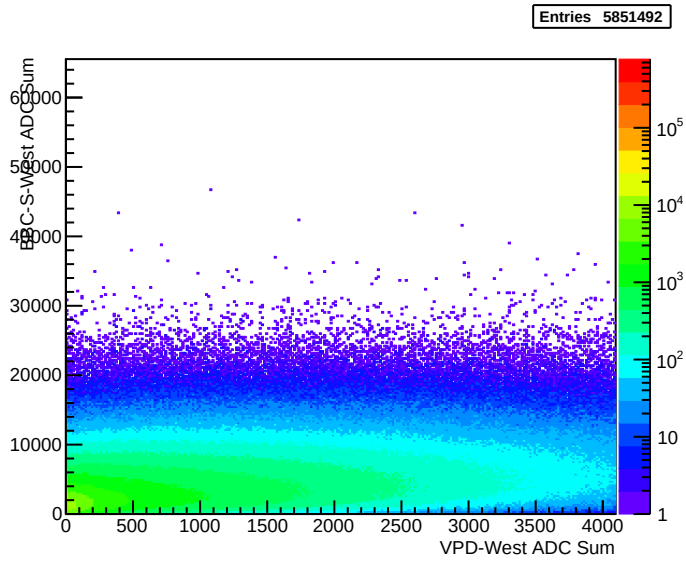

Entries 5851492
TOF Mult
ZDC-East ADC Sum Att

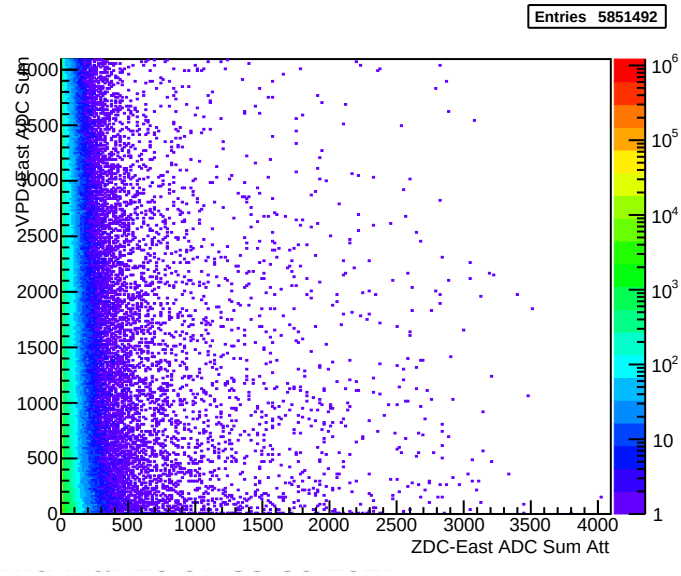

Entries 5851492
TOF Mult
ZDC-West ADC Sum Att

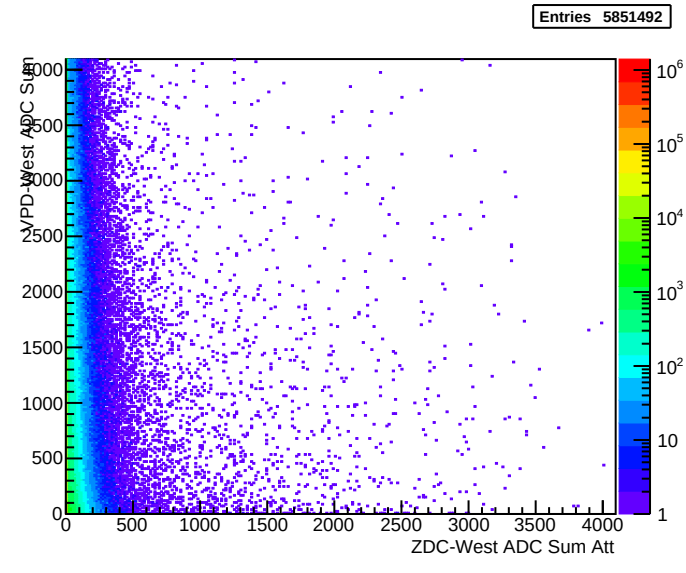

Entries 5851492
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

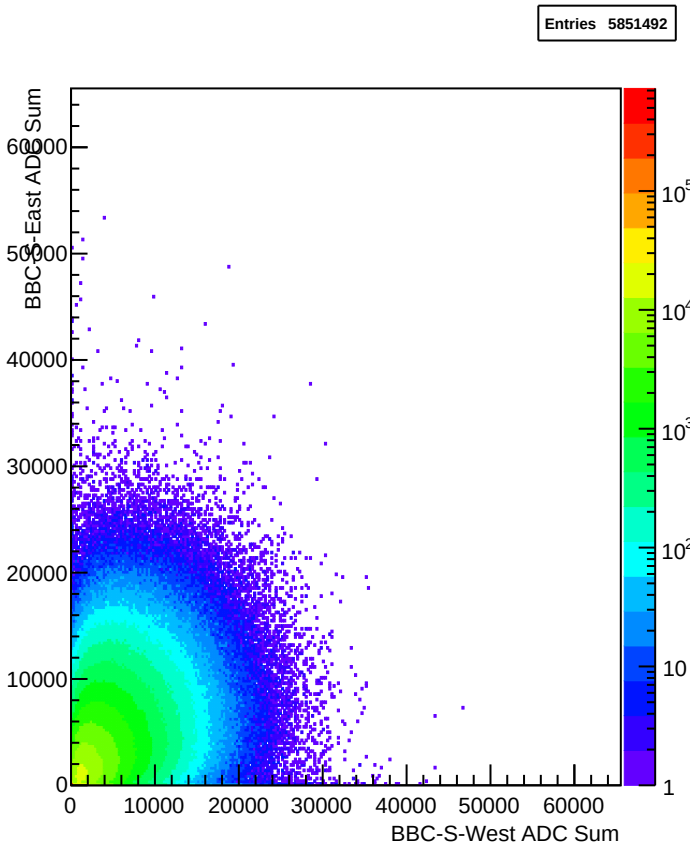

Entries 5851492
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

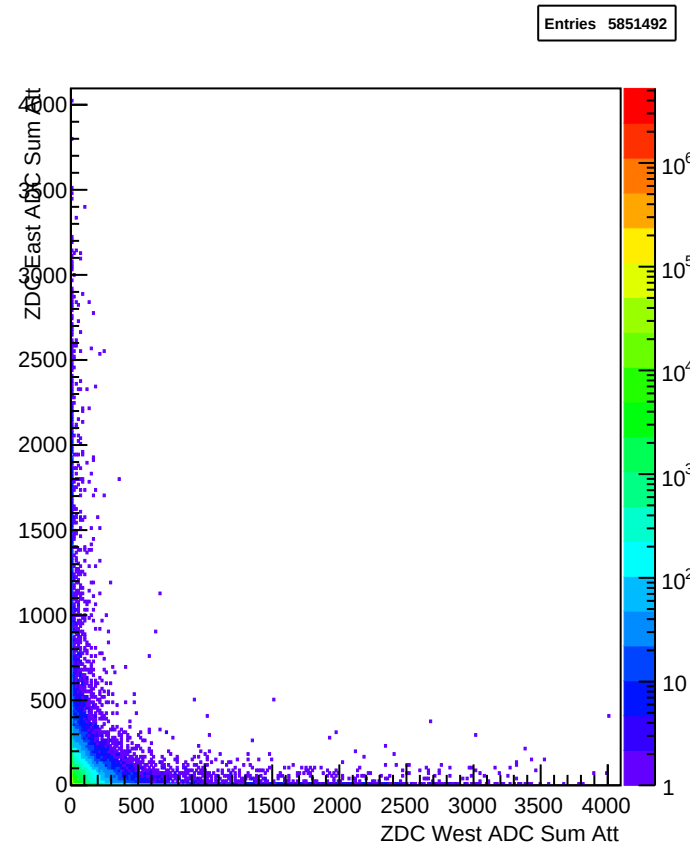

Entries 5851492
BBC-S-East ADC Sum
VPD-East ADC Sum

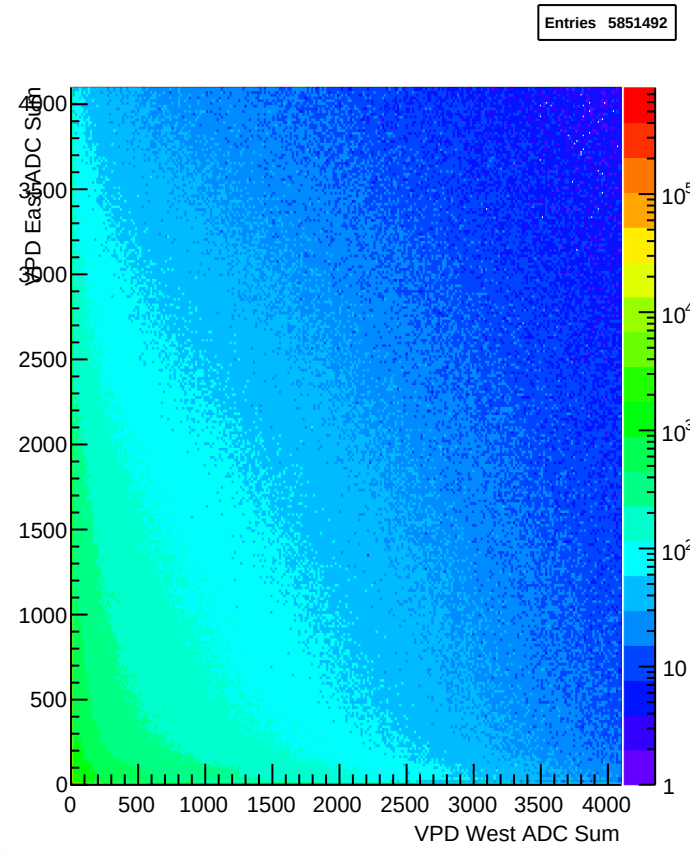

Entries 5851492
BBC-S-West ADC Sum
VPD-West ADC Sum

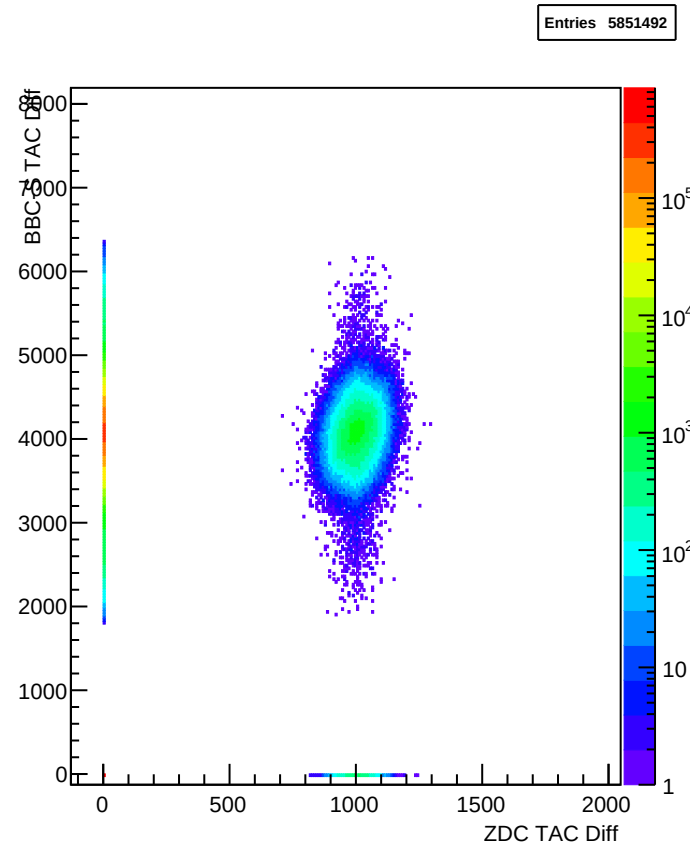

Entries 5851492
VPD-East ADC Sum
ZDC-East ADC Sum Att

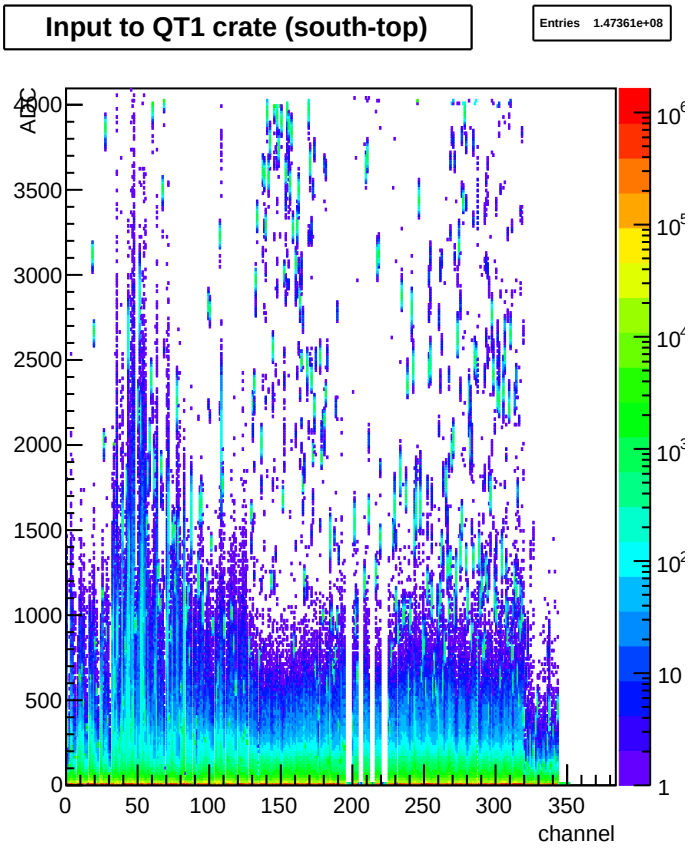

Entries 5851492
VPD-West ADC Sum
ZDC-West ADC Sum Att

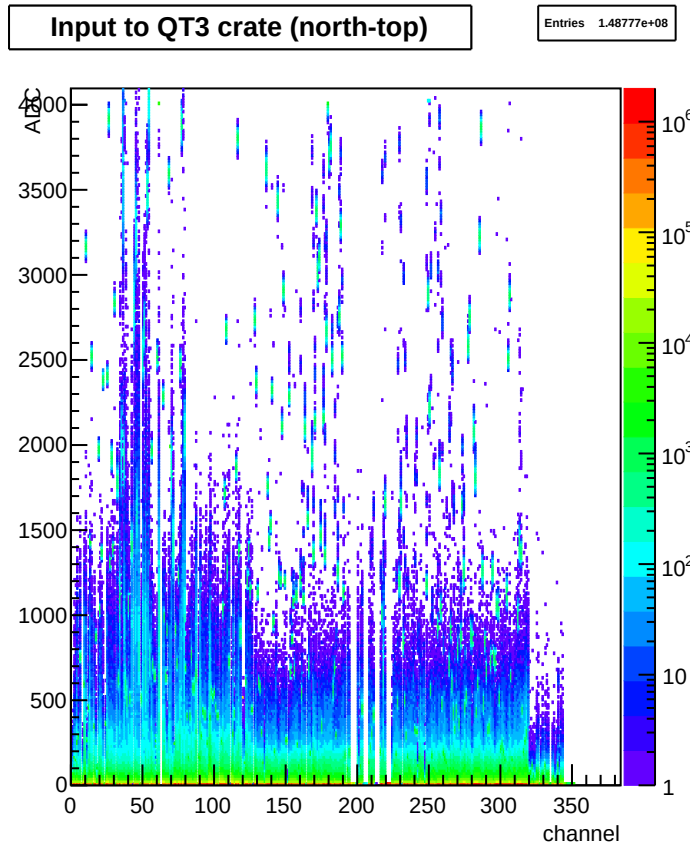

Entries 5851492
BBC-S-East ADC Sum
BBC-S-West ADC Sum

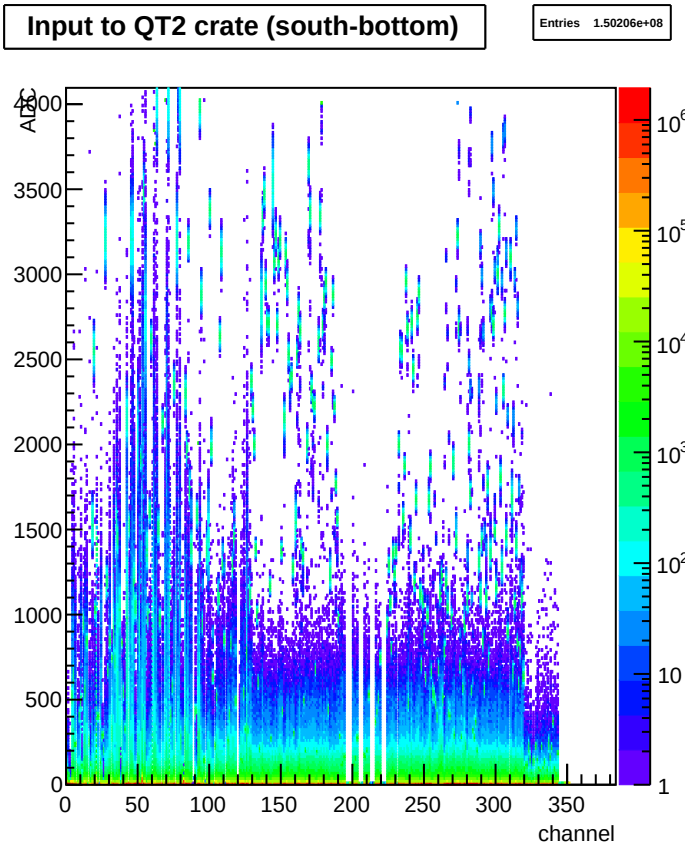

Entries 5851492
ZDC East ADC Sum Att
ZDC West ADC Sum Att

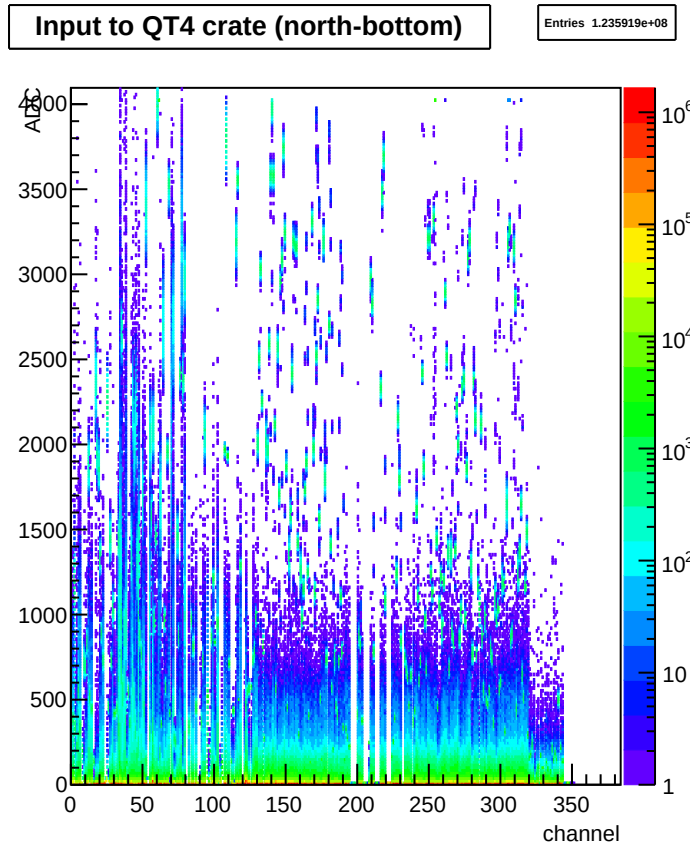

Entries 5851492
VPD East ADC Sum
VPD West ADC Sum

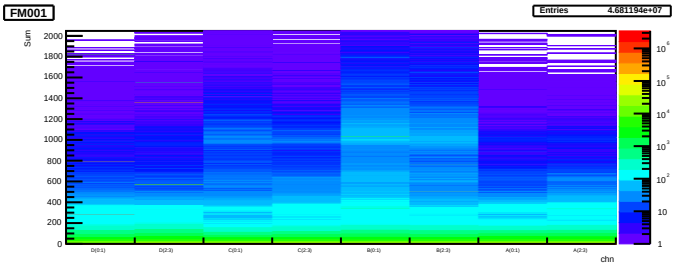

Entries 5851492
BBC-S TAC Diff
ZDC TAC Diff

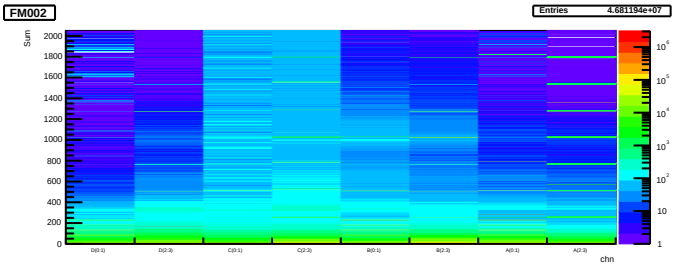

Input to QT1 crate (south-top)
Entries 1.47361e+08
ADC
channel

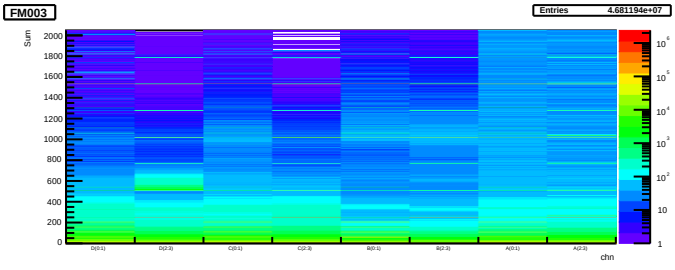

Input to QT3 crate (north-top)
Entries 1.48777e+08
ADC
channel

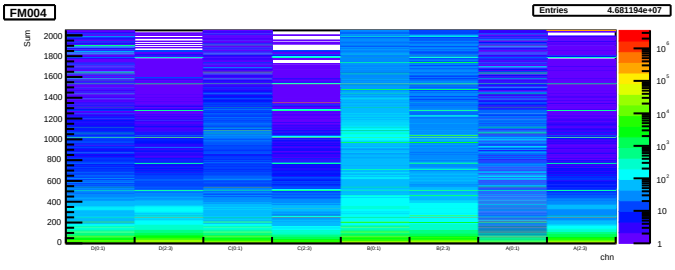

Input to QT2 crate (south-bottom)
Entries 1.50206e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.235919e+08
ADC
channel


FM001
Entries 4.681194e+07
Sum
chn


FM002
Entries 4.681194e+07
Sum
chn


FM003
Entries 4.681194e+07
Sum
chn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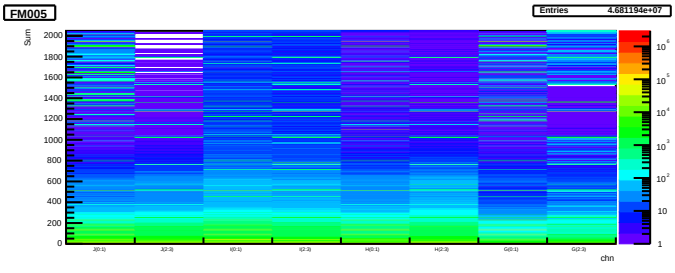
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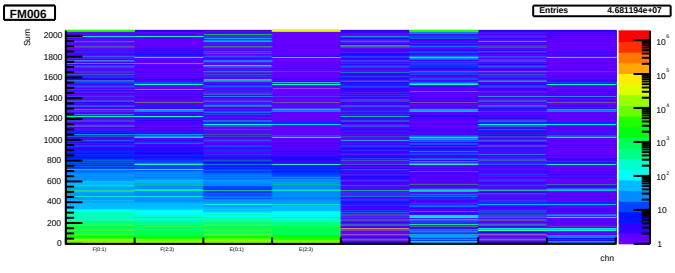
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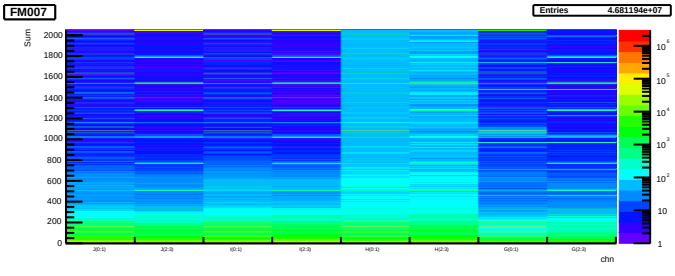
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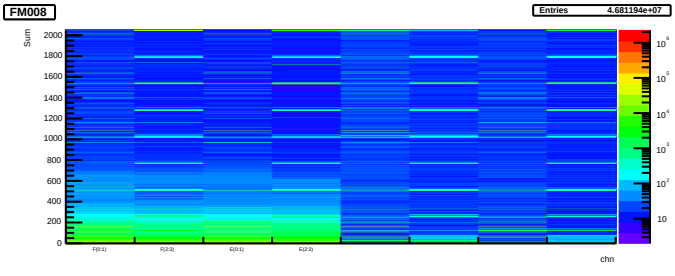
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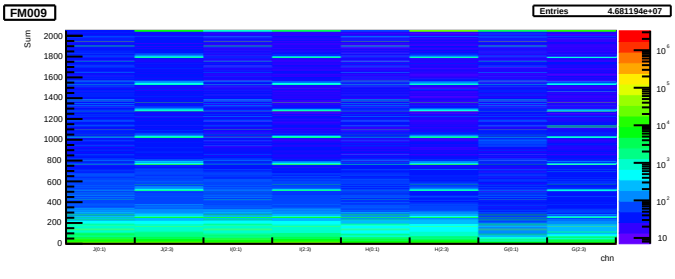
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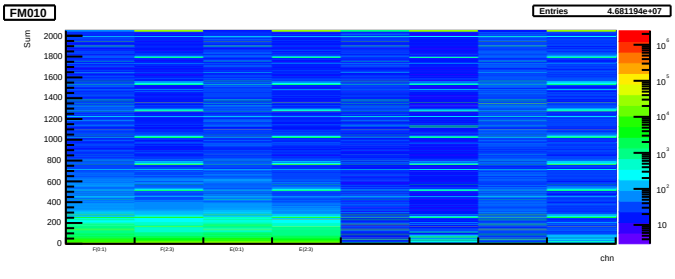
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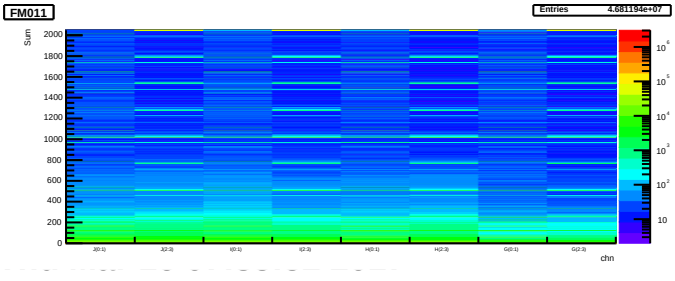
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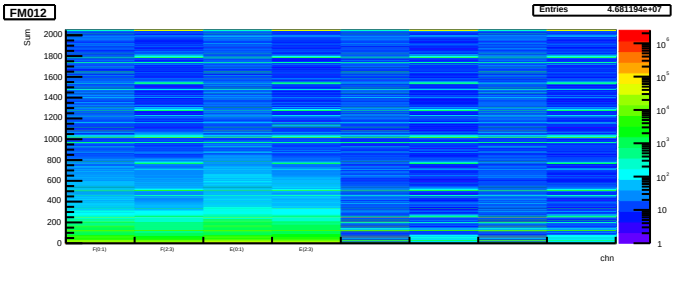
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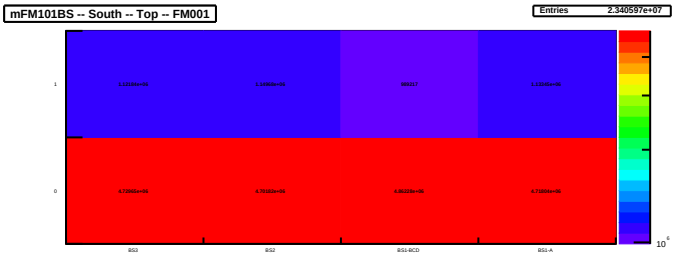
mFM101BS -- South -- Top -- FM001
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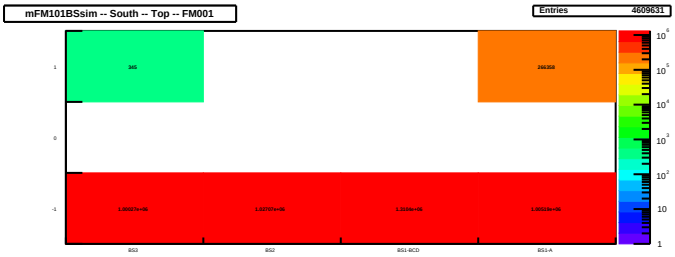
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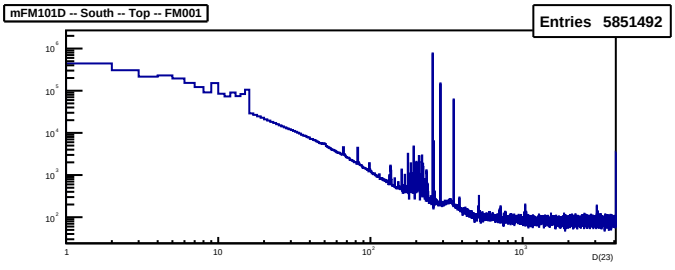
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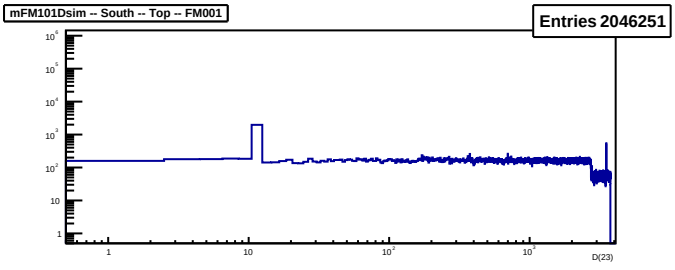
Entries 5851492
D(23)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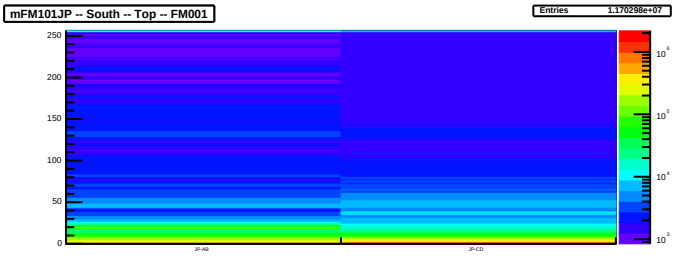
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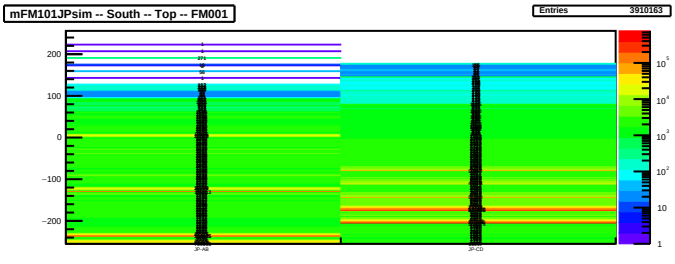
Entries 1.170298e+07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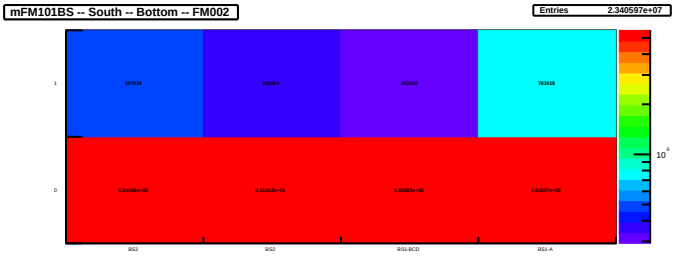
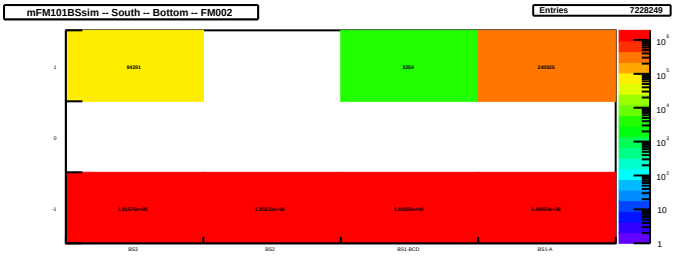

mFM101BS -- South -- Bottom -- FM002
Entries 2.340597e+07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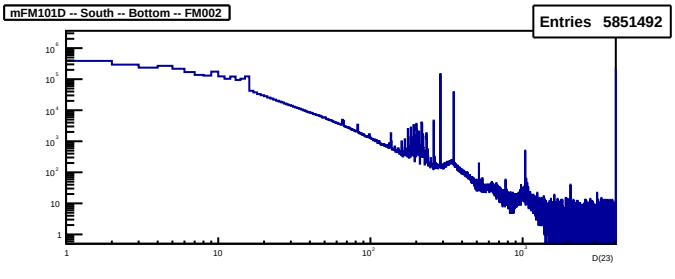
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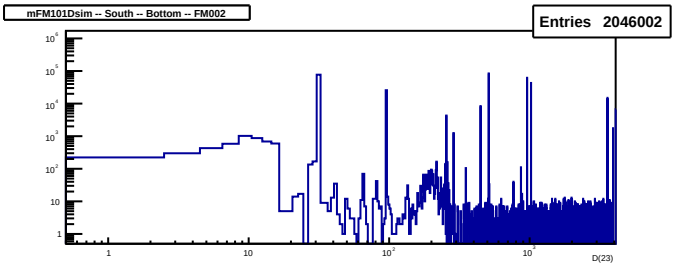
Entries 5851492
D(23)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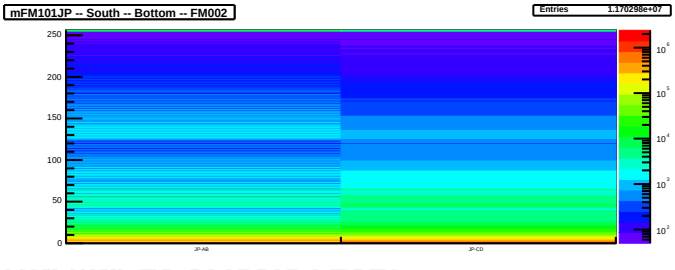
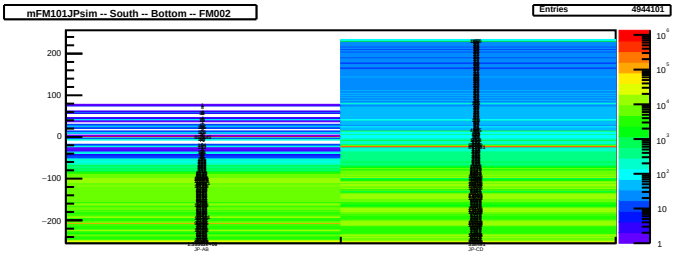

mFM101JP -- South -- Bottom -- FM002
Entries 1.170298e+07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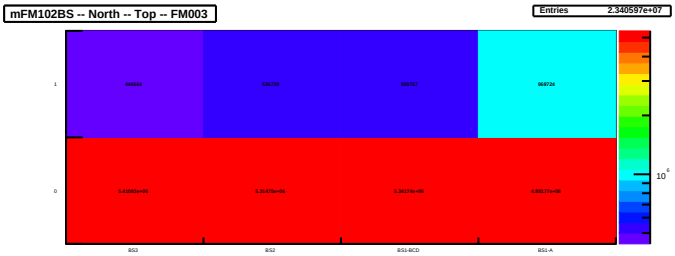
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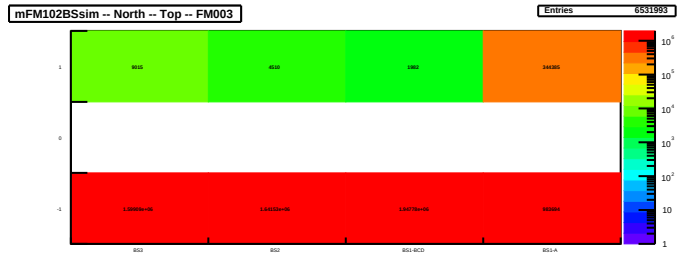
Entries 2.340597e+07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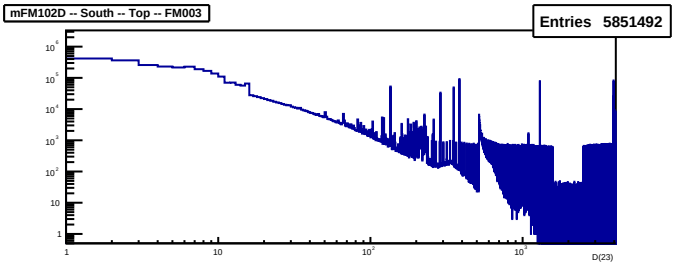
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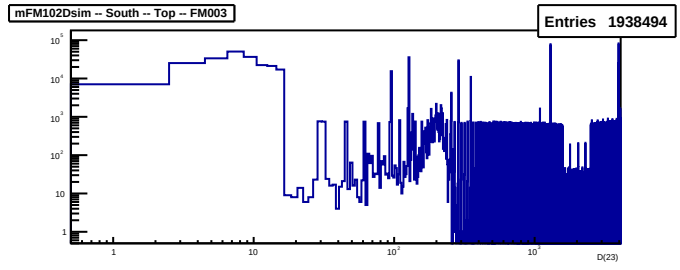
Entries 5851492
D(23)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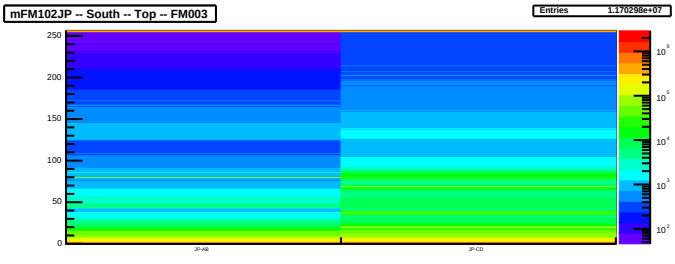
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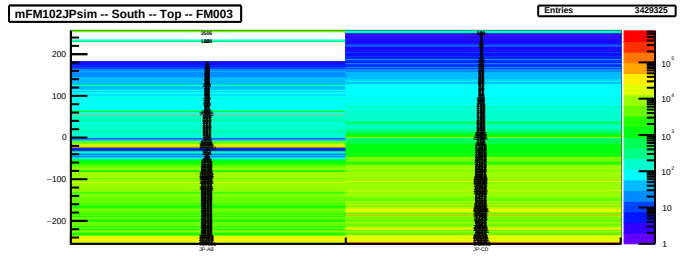
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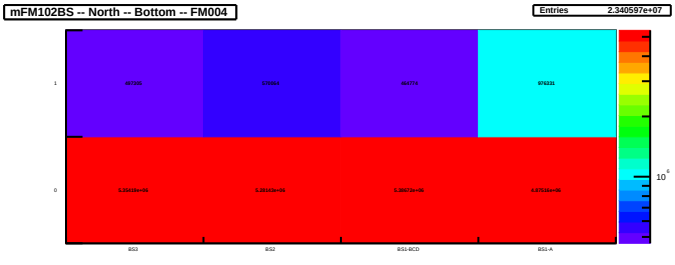
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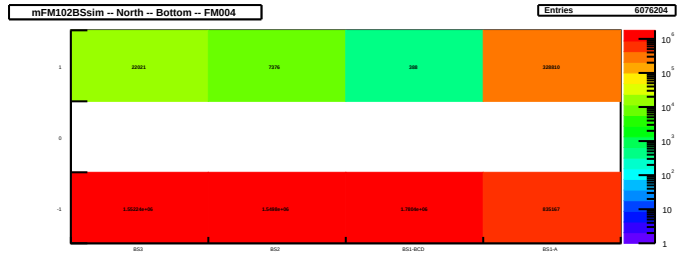
Entries 2.340597e+07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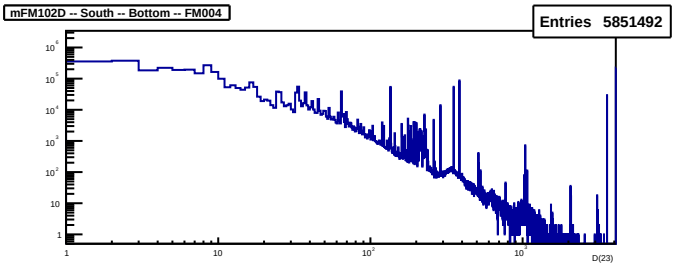
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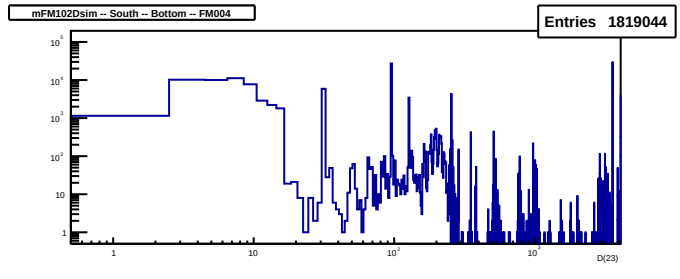
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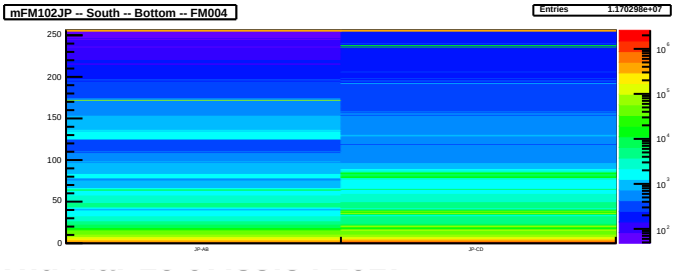
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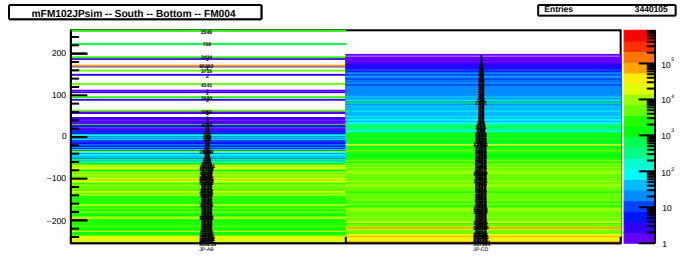
Entries 1.170298e+07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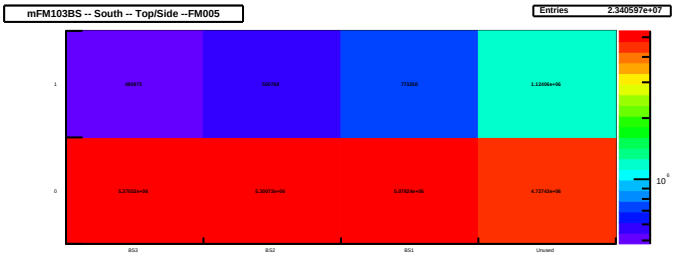
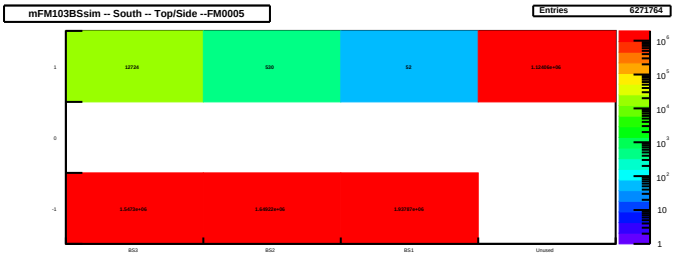

mFM103BS -- South -- Top/Side --FM005
Entries 2.340597e+07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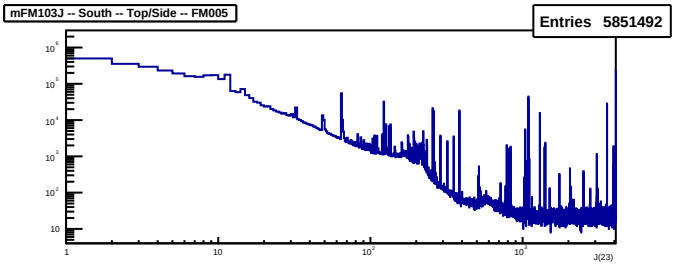
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Entries 5851492
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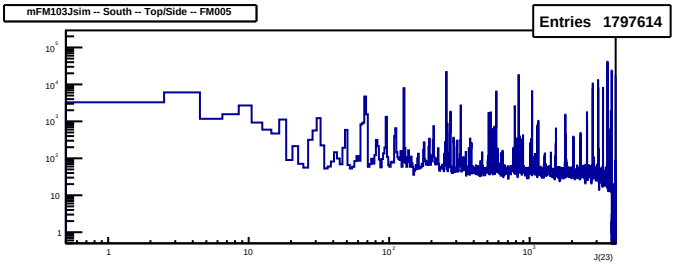
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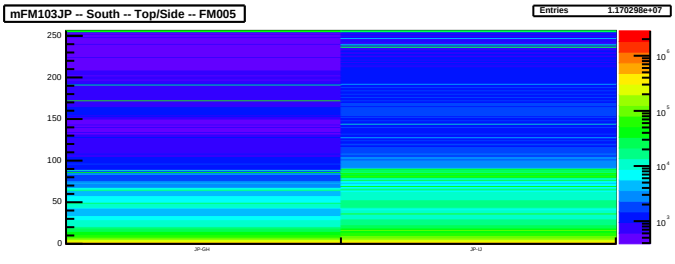
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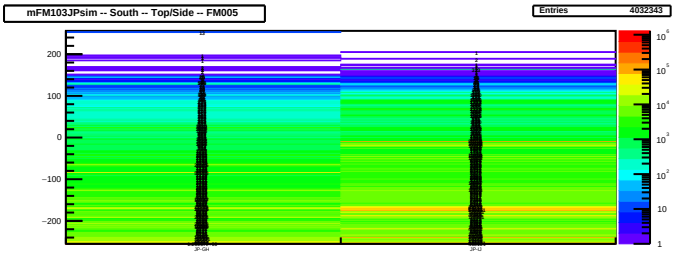
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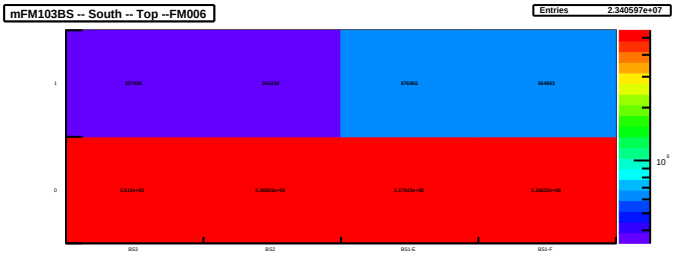
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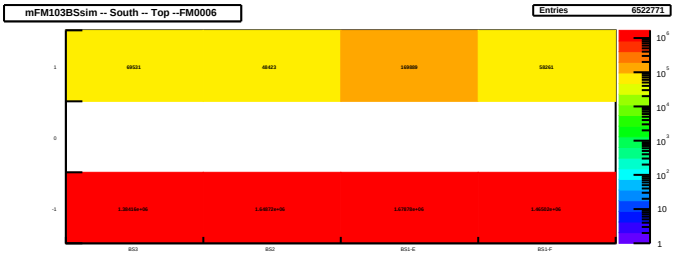
Entries 2.340597e+07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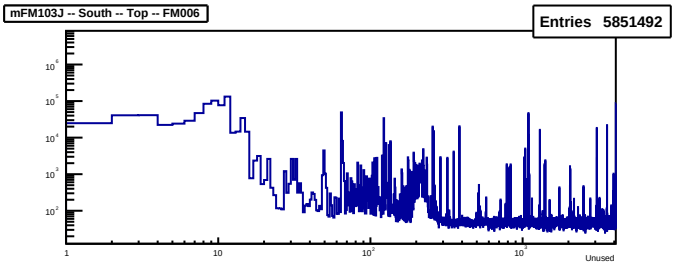
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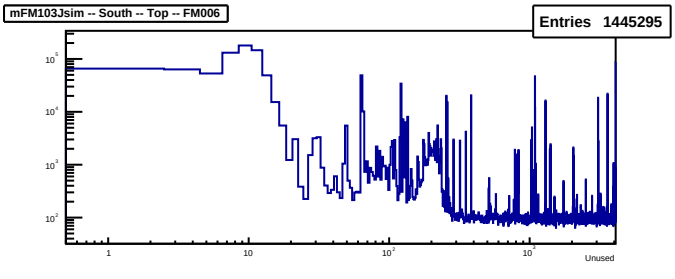
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Entries 1445295
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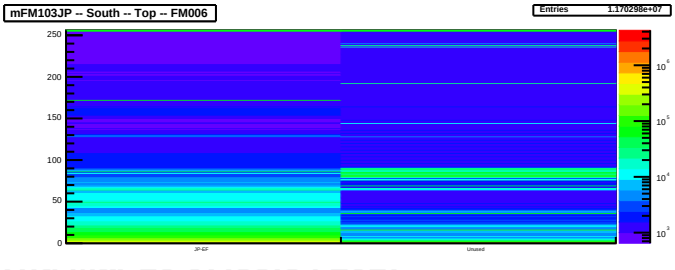
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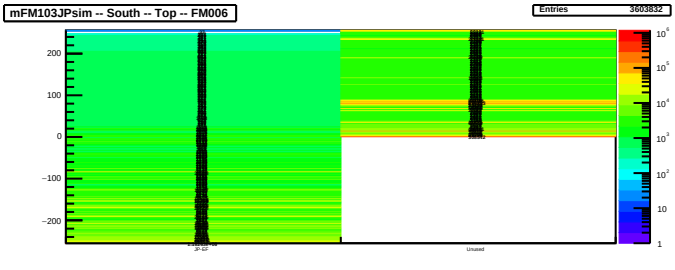
Entries 1.170298e+07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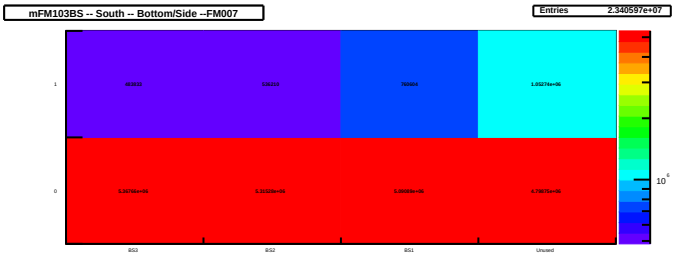
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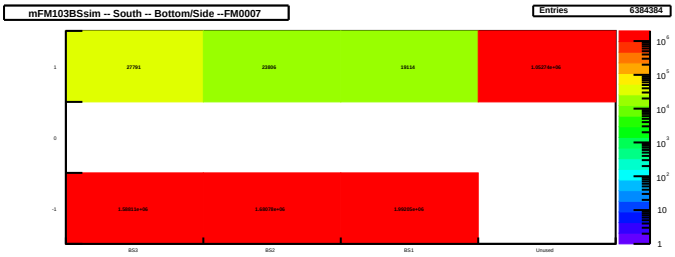
Entries 2.340597e+07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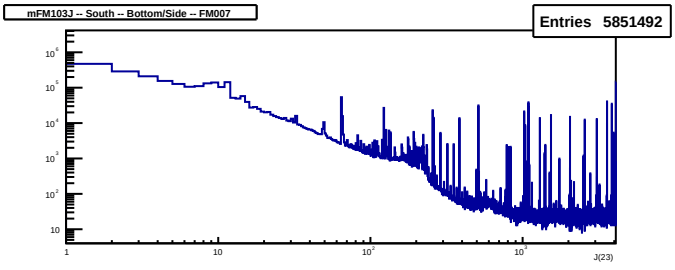
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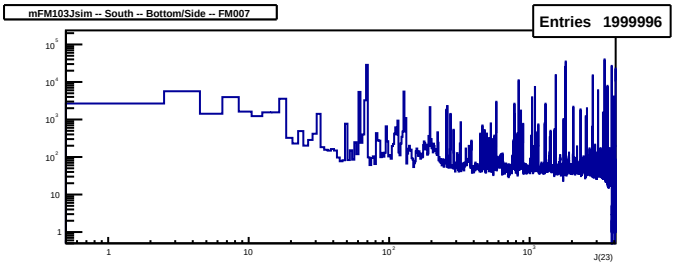
Entries 5851492
J(23)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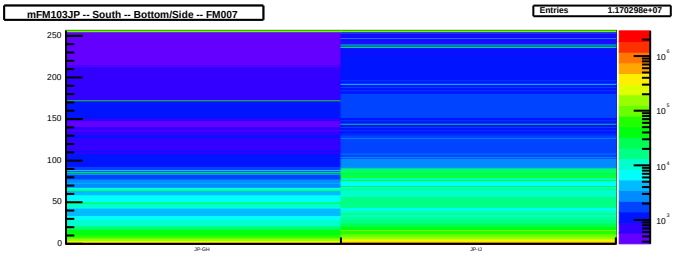
J(23)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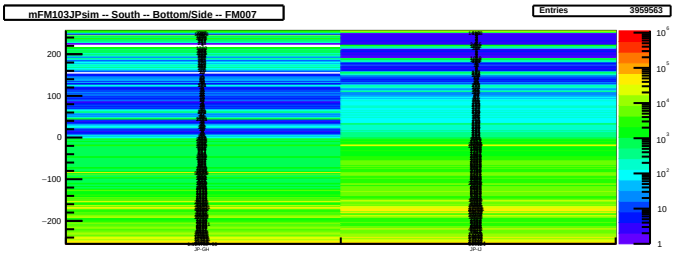
Entries 1.170298e+07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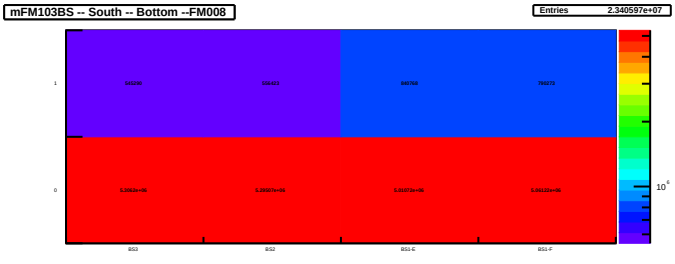
mFM103BS -- South -- Bottom --FM008
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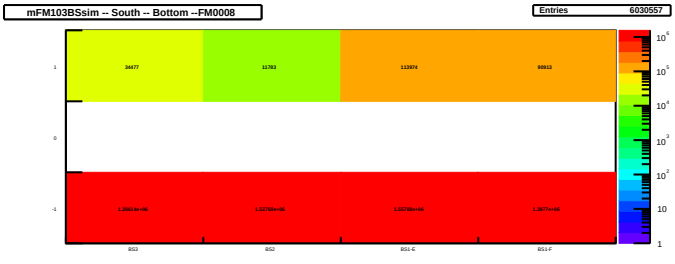
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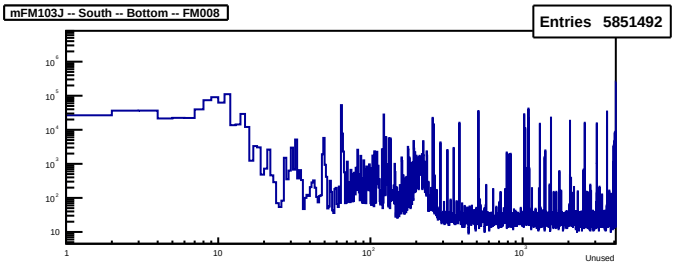
mFM103J -- South -- Bottom -- FM008
Entries 5851492
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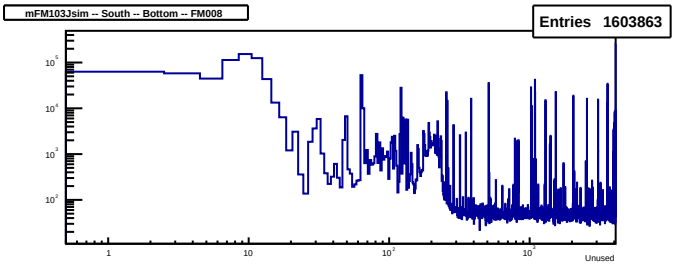
mFM103Jsim -- South -- Bottom -- FM008
Entries 1603863
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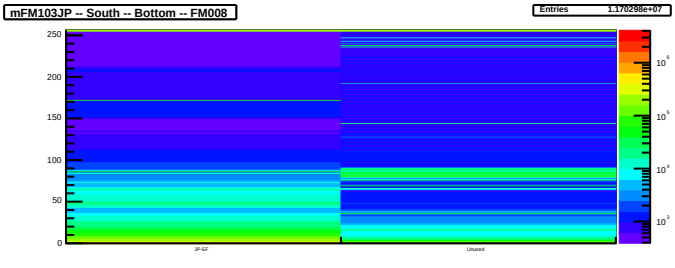
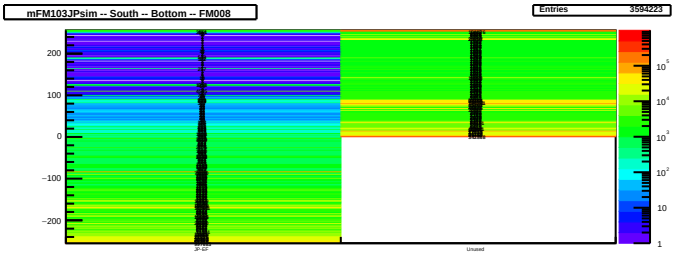
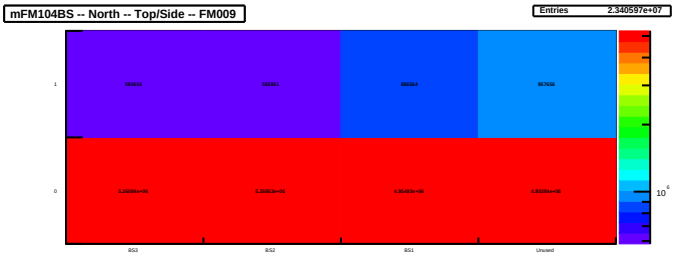
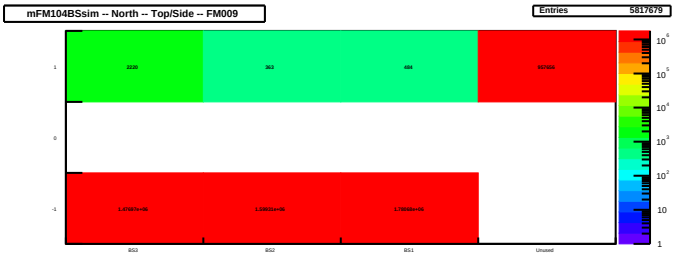
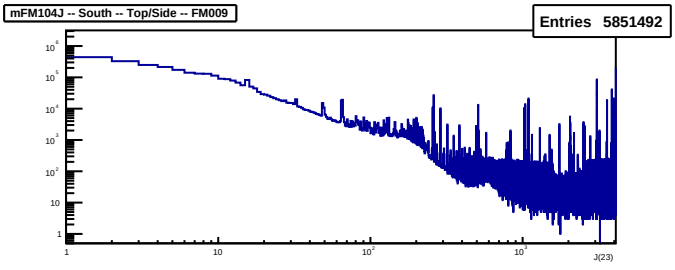
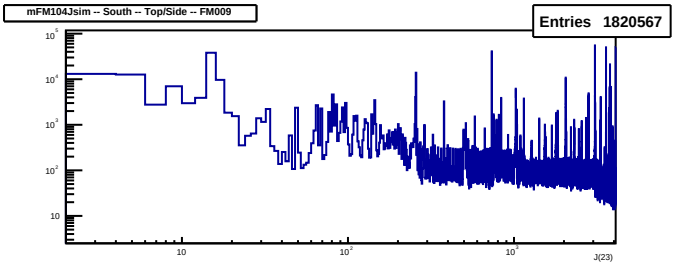

mFM103JP -- South -- Bottom -- FM008
Entries 1.170298e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3594223


mFM104BS -- North -- Top/Side -- FM009
Entries 2.340597e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5817679


mFM104J -- South -- Top/Side -- FM009
Entries 5851492
J(23)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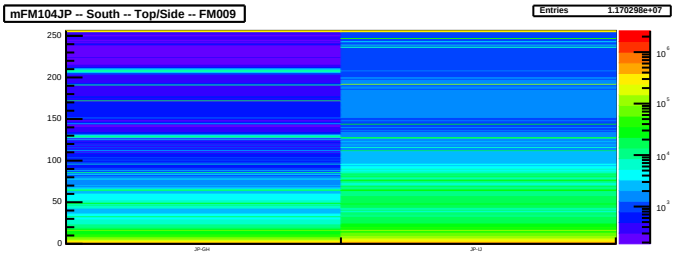
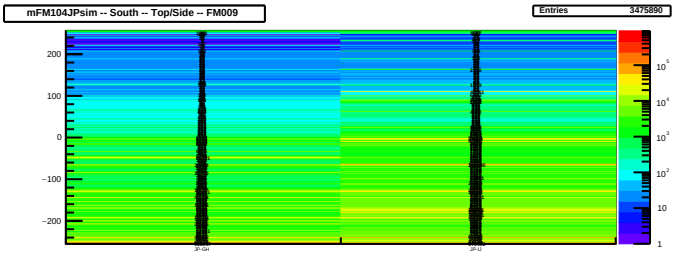
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.170298e+07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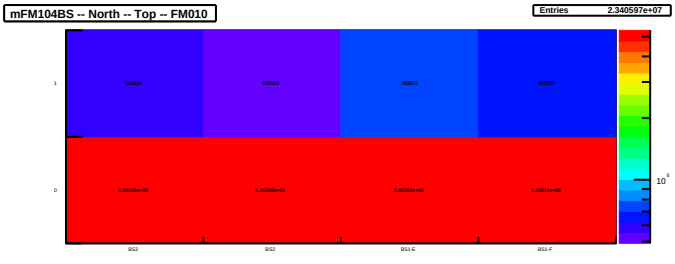
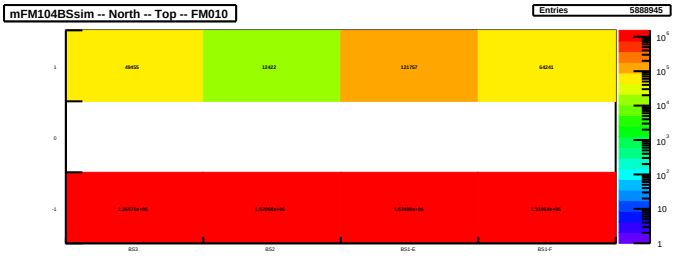

mFM104BS -- North -- Top -- FM010
Entries 2.340597e+07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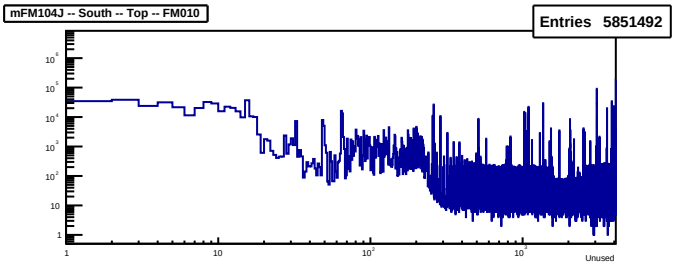
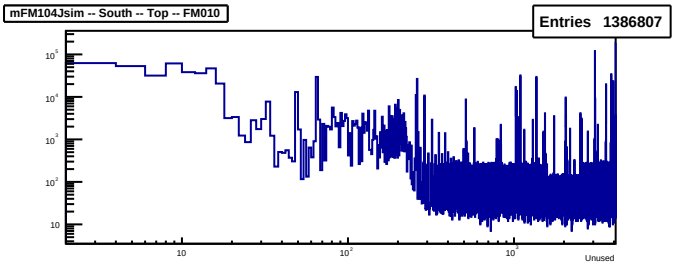
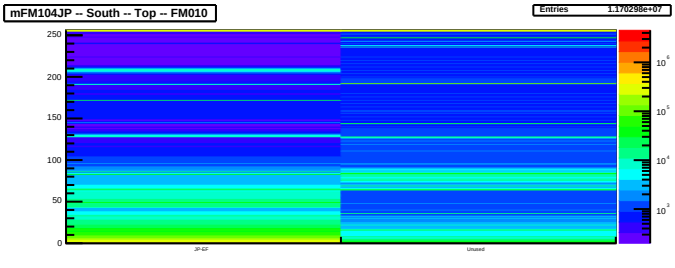
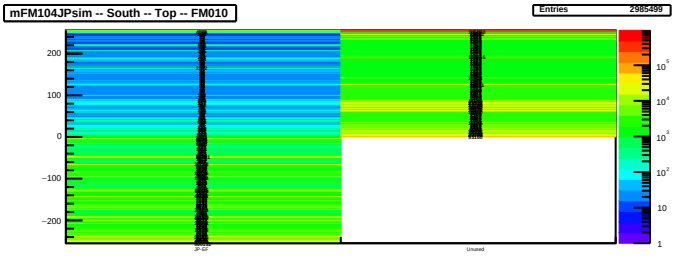
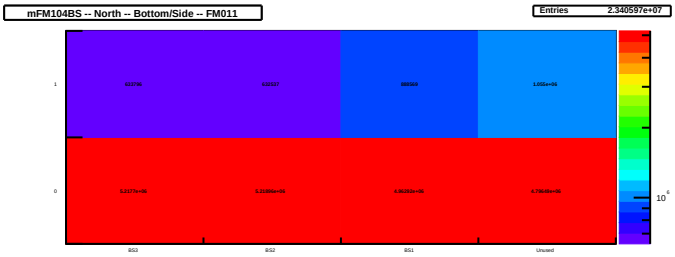
Entries 5888945

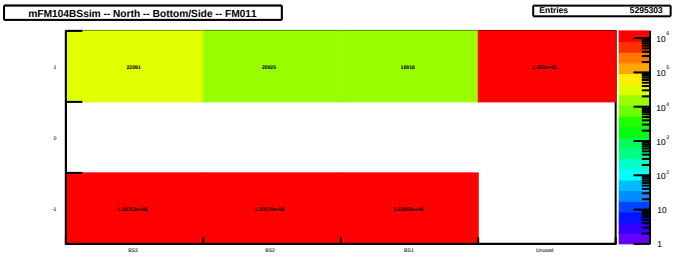

mFM104J -- South -- Top -- FM010
Entries 5851492
Unused

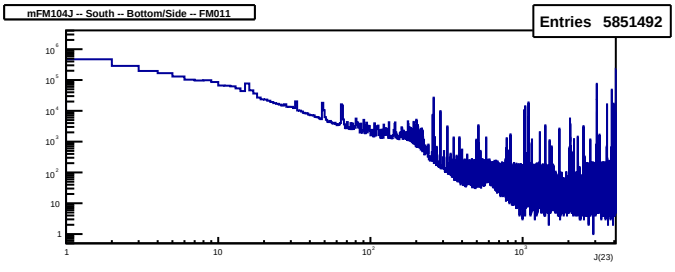

mFM104Jsim -- South -- Top -- FM010
Entries 1386807
Unused

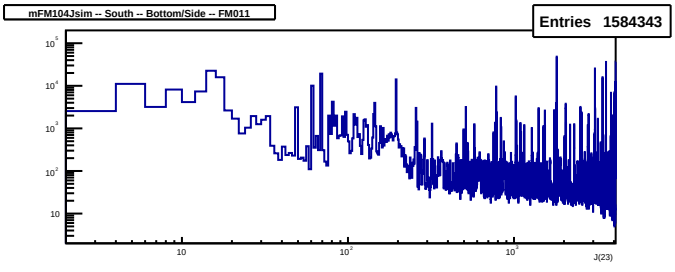

mFM104JP -- South -- Top -- FM010
Entries 1.170298e+07

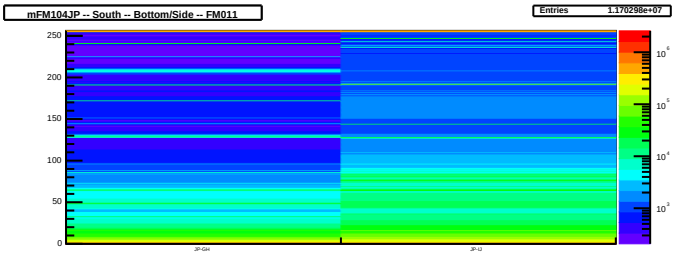

mFM104JPsim -- South -- Top -- FM010
Entries 2985499

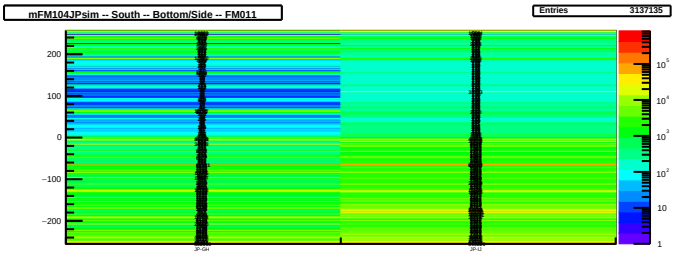

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.340597e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5295303


mFM104J -- South -- Bottom/Side -- FM011
Entries 5851492
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1584343
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.170298e+07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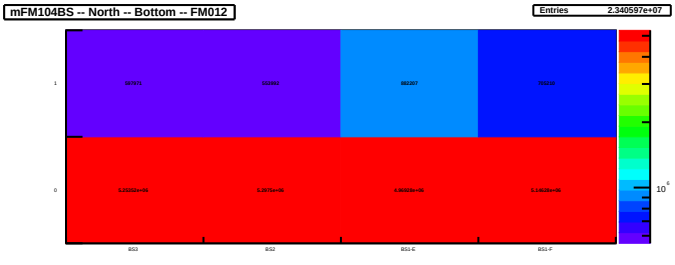
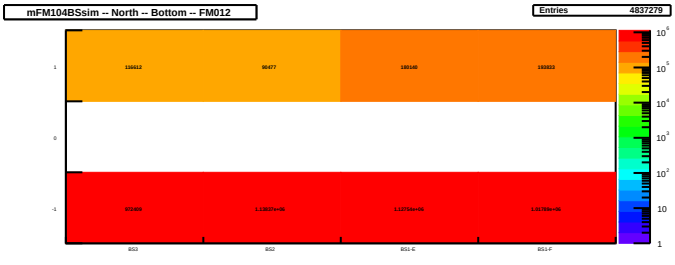
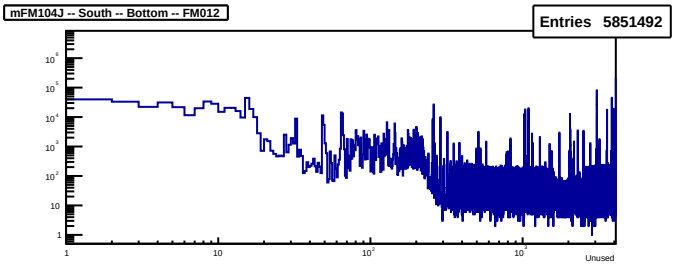
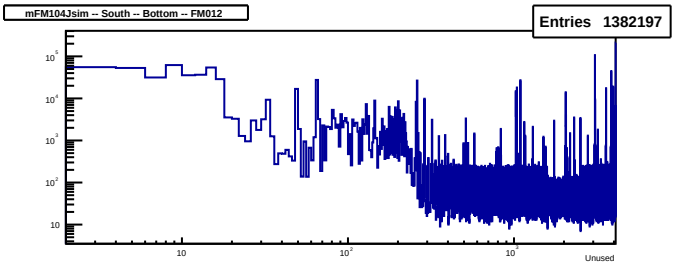
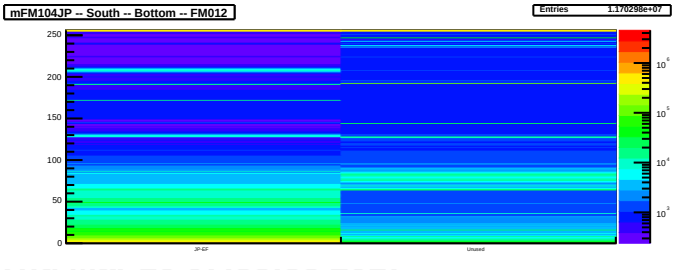
Entries 3137135

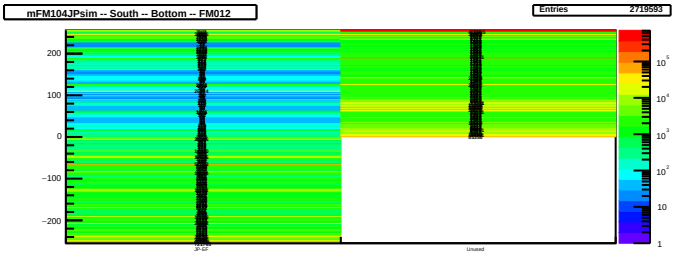

mFM104BS -- North -- Bottom -- FM012
Entries 2.340597e+07

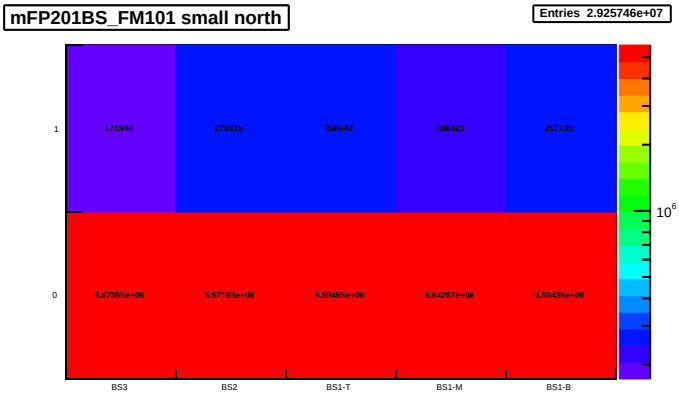

mFM104BSsim -- North -- Bottom -- FM012
Entries 4837279

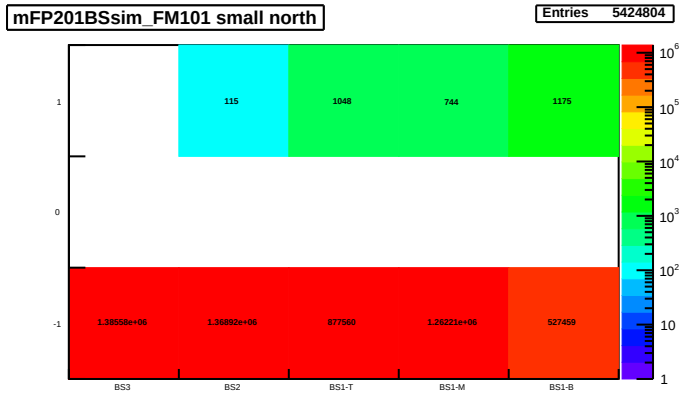

mFM104J -- South -- Bottom -- FM012
Entries 5851492
Unused

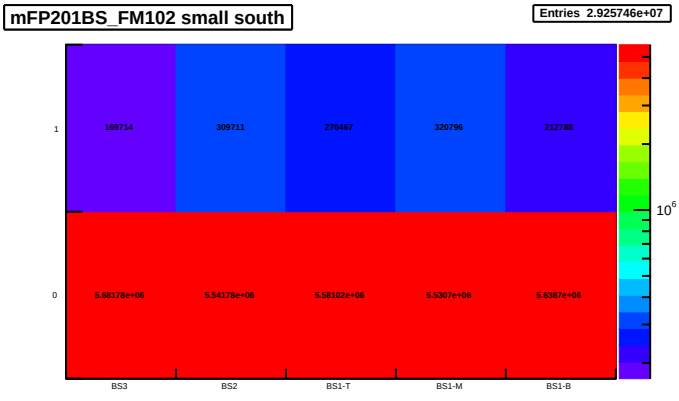

mFM104Jsim -- South -- Bottom -- FM012
Entries 1382197
Unused

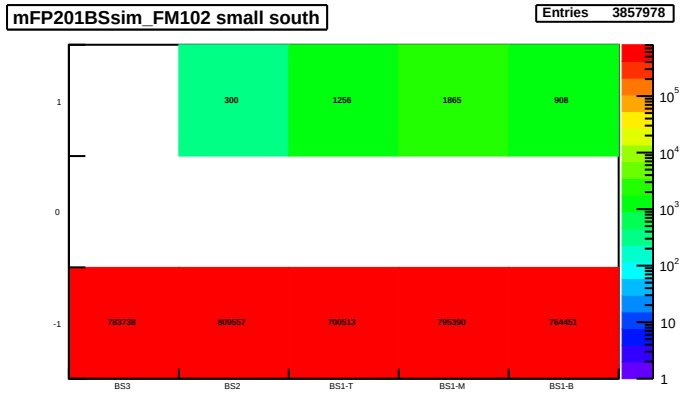

mFM104JP -- South -- Bottom -- FM012
Entries 1.170298e+07

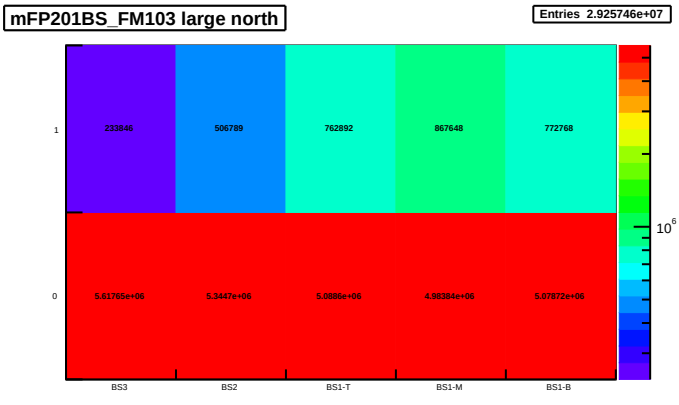

mFM104JPsim -- South -- Bottom -- FM012
Entries 2719593

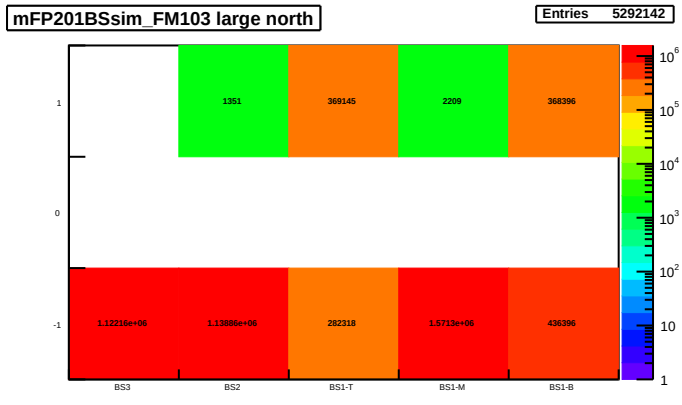

mFP201BS_FM101 small north
Entries 2.925746e+07
171944
279515
256942
208821
257135
5.67955e+06
5.57198e+06
5.59455e+06
5.64267e+06
5.59436e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

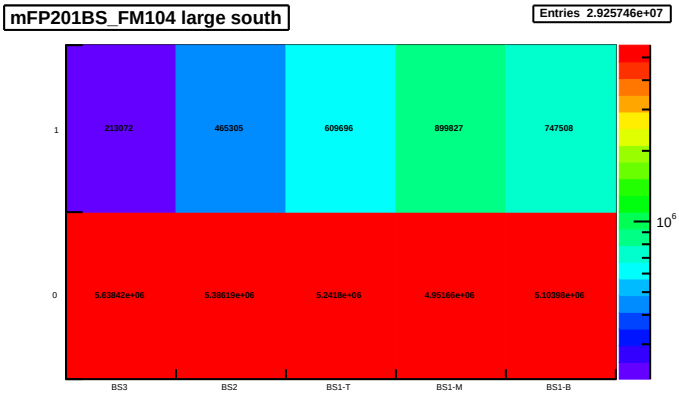

mFP201BSsim_FM101 small north
Entries 5424804
115
1048
744
1175
1.38558e+06
1.36892e+06
877560
1.26221e+06
527459
BS3
BS2
BS1-T
BS1-M
BS1-B

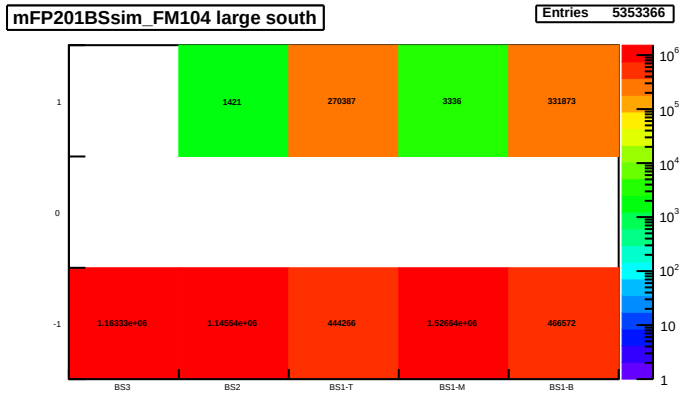

mFP201BS_FM102 small south
Entries 2.925746e+07
169714
309711
270467
320796
212788
5.68178e+06
5.54178e+06
5.58102e+06
5.5307e+06
5.6387e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

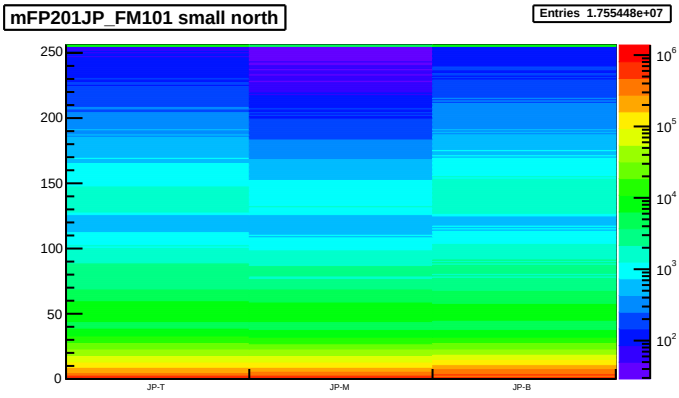

mFP201BSsim_FM102 small south
Entries 3857978
300
1256
1865
908
783738
809557
700513
795390
764451
BS3
BS2
BS1-T
BS1-M
BS1-B

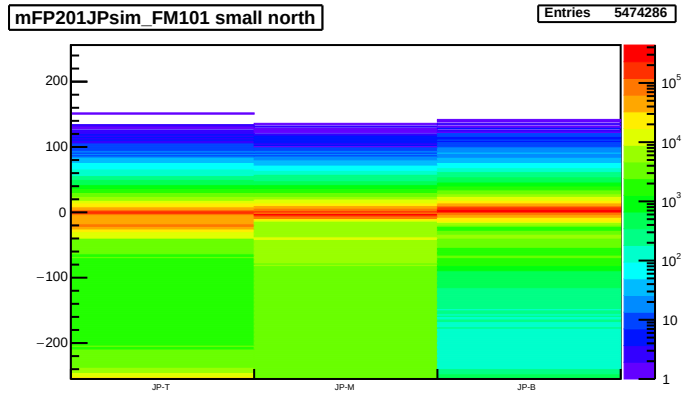

mFP201BS_FM103 large north
Entries 2.925746e+07
233846
506789
762892
867648
772768
5.61765e+06
5.3447e+06
5.0886e+06
4.98384e+06
5.07872e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

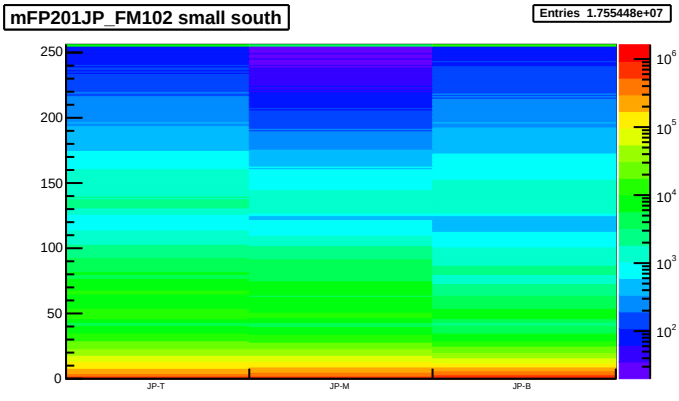

mFP201BSsim_FM103 large north
Entries 5292142
1351
369145
2209
368396
1.12216e+06
1.13886e+06
282318
1.5713e+06
436396
BS3
BS2
BS1-T
BS1-M
BS1-B

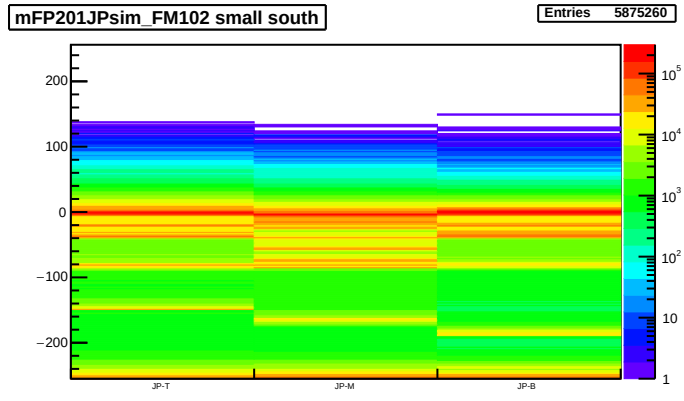

mFP201BS_FM104 large south
Entries 2.925746e+07
213072
465305
609696
899827
747508
5.63842e+06
5.38619e+06
5.2418e+06
4.95166e+06
5.10398e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

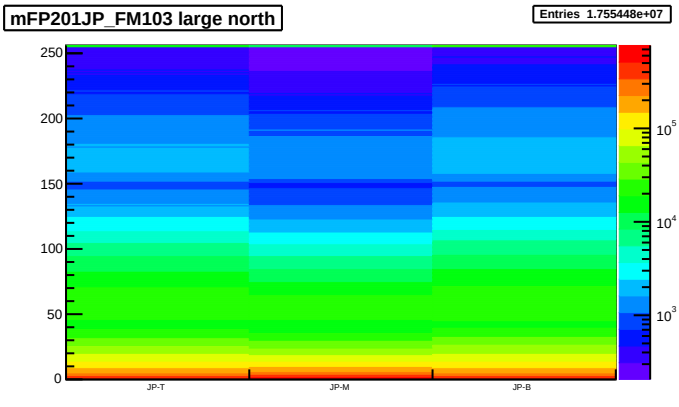

mFP201BSsim_FM104 large south
Entries 5353366
1421
270387
3336
331873
1.16333e+06
1.14554e+06
444266
1.52664e+06
466572
BS3
BS2
BS1-T
BS1-M
BS1-B

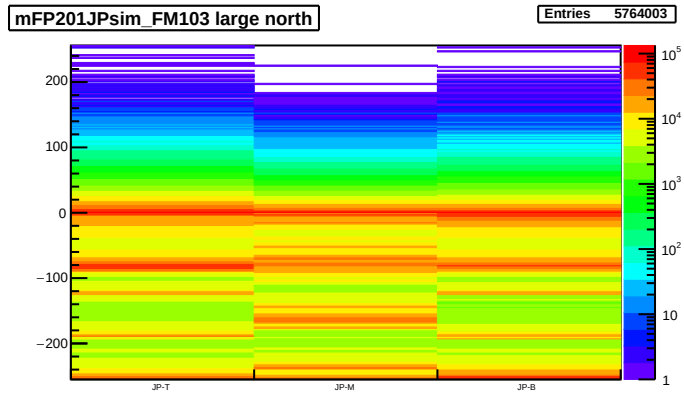

mFP201JP_FM101 small north
Entries 1.755448e+07
JP-T
JP-M
JP-B

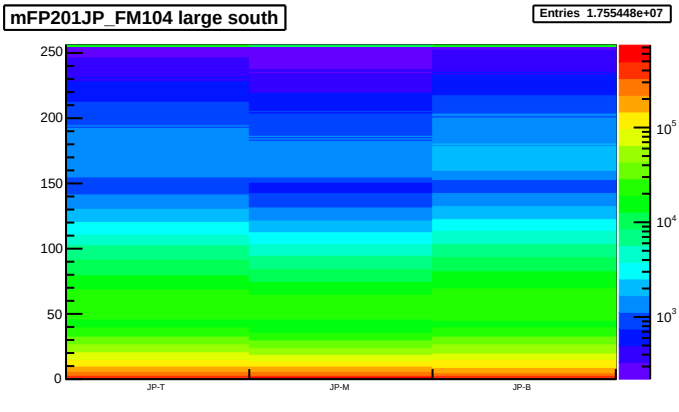

mFP201JPsim_FM101 small north
Entries 5474286
JP-T
JP-M
JP-B

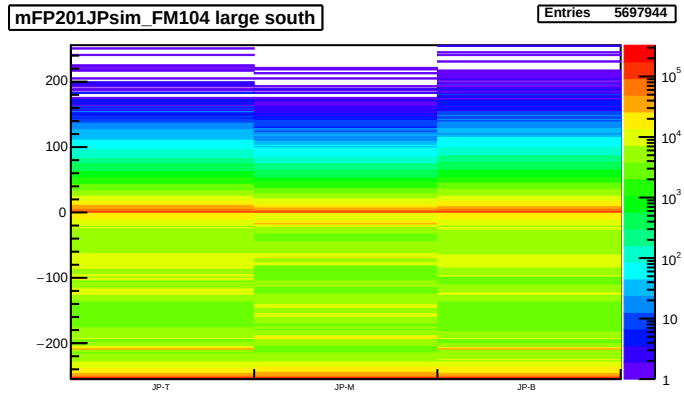

mFP201JP_FM102 small south
Entries 1.755448e+07
JP-T
JP-M
JP-B

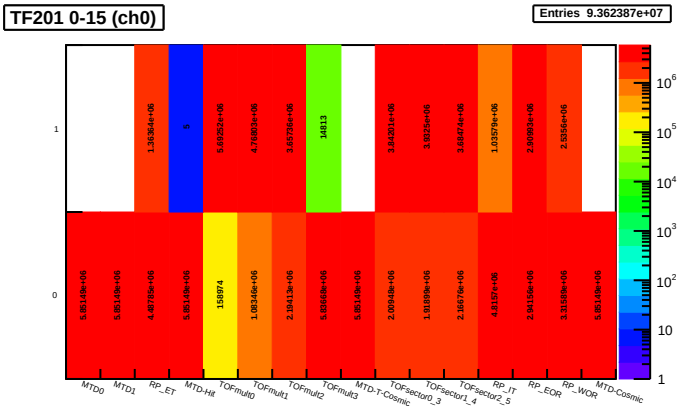

mFP201JPsim_FM102 small south
Entries 5875260
JP-T
JP-M
JP-B

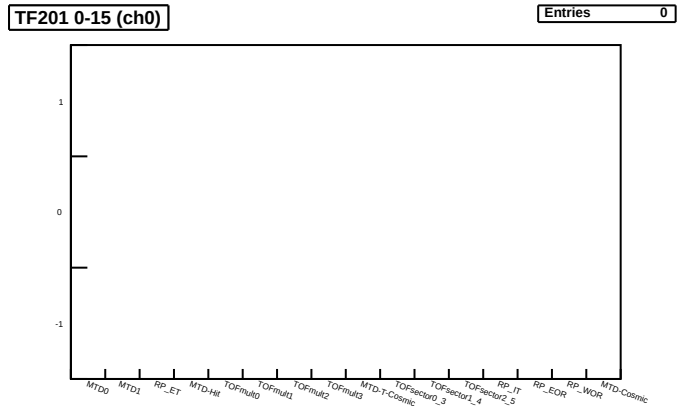

mFP201JP_FM103 large north
Entries 1.755448e+07
JP-T
JP-M
JP-B

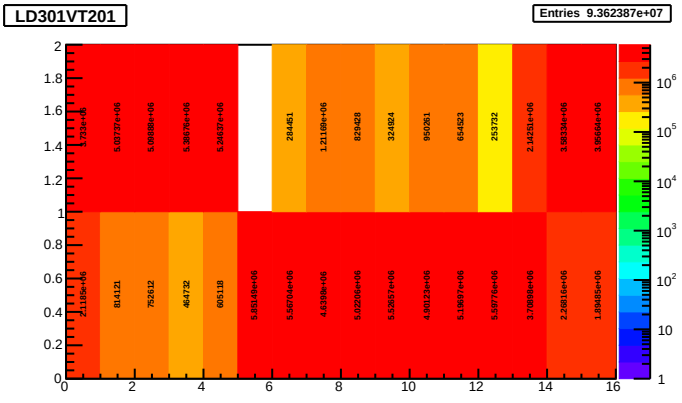

mFP201JPsim_FM103 large north
Entries 5764003
JP-T
JP-M
JP-B

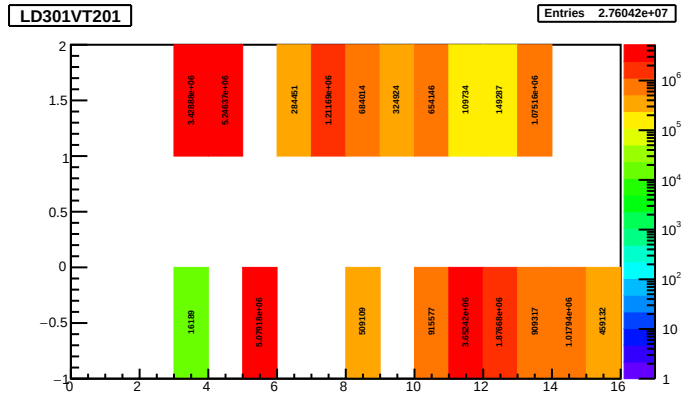

mFP201JP_FM104 large south
Entries 1.755448e+07
JP-T
JP-M
JP-B

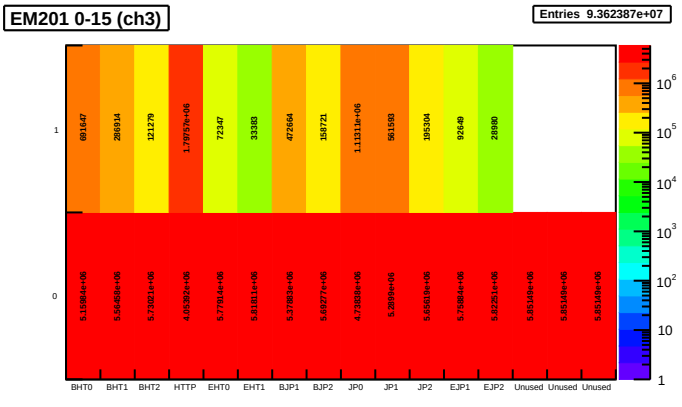

mFP201JPsim_FM104 large south
Entries 5697944
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 9.362387e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 9.362387e+07


LD301VT201
Entries 2.76042e+07


EM201 0-15 (ch3)
Entries 9.362387e+07
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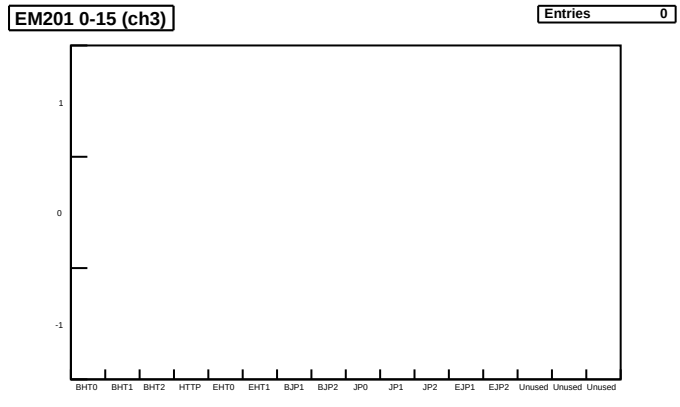
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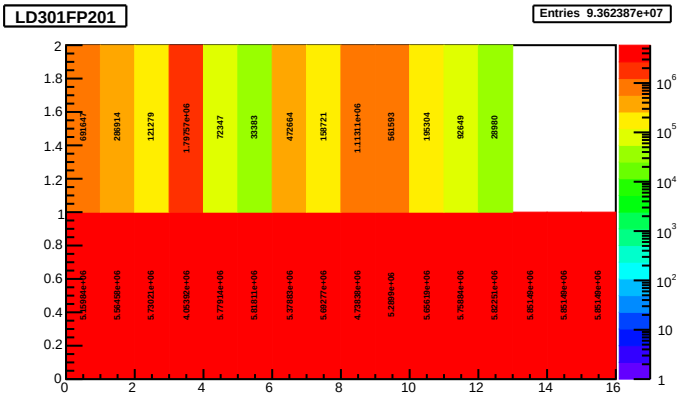
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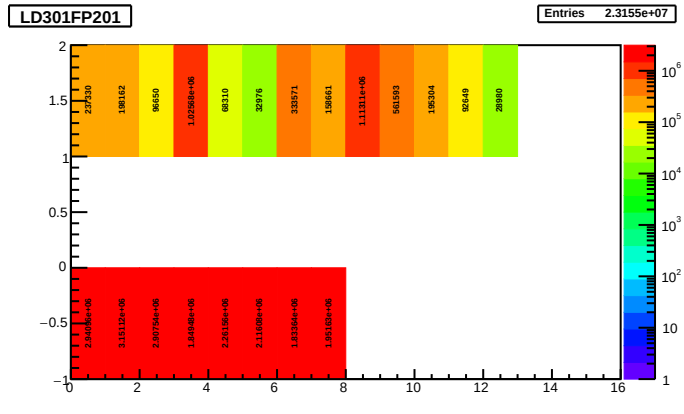
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