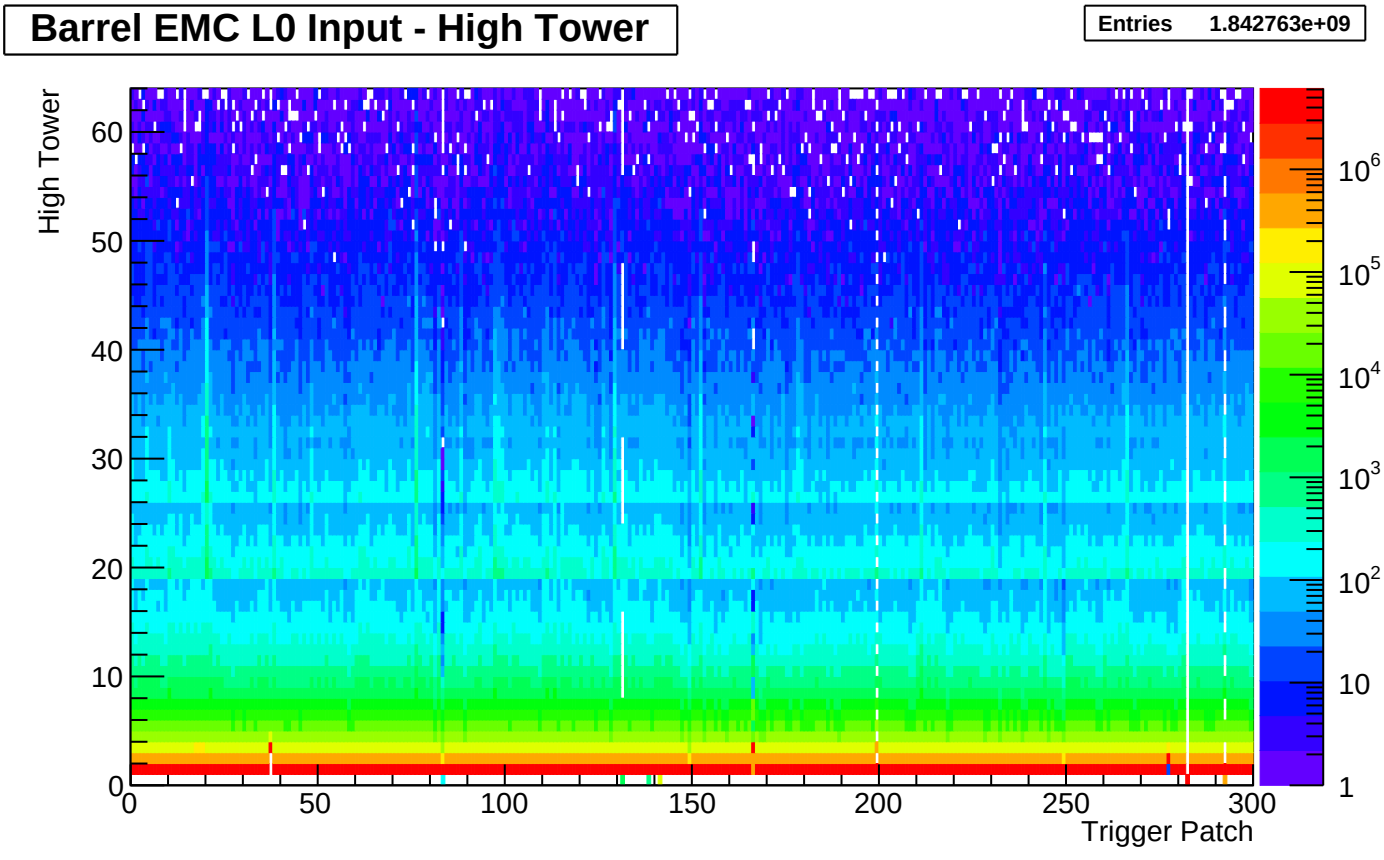
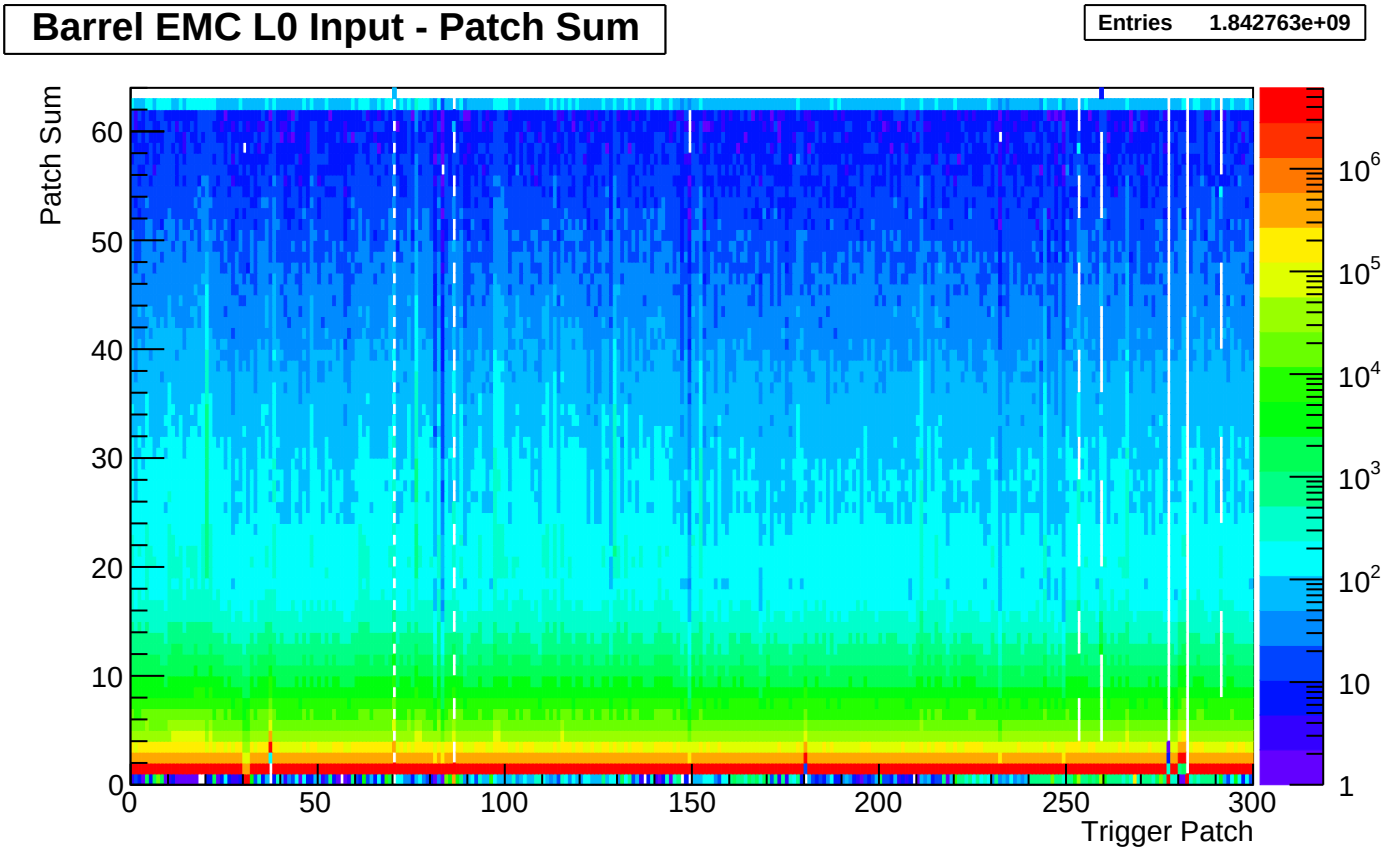
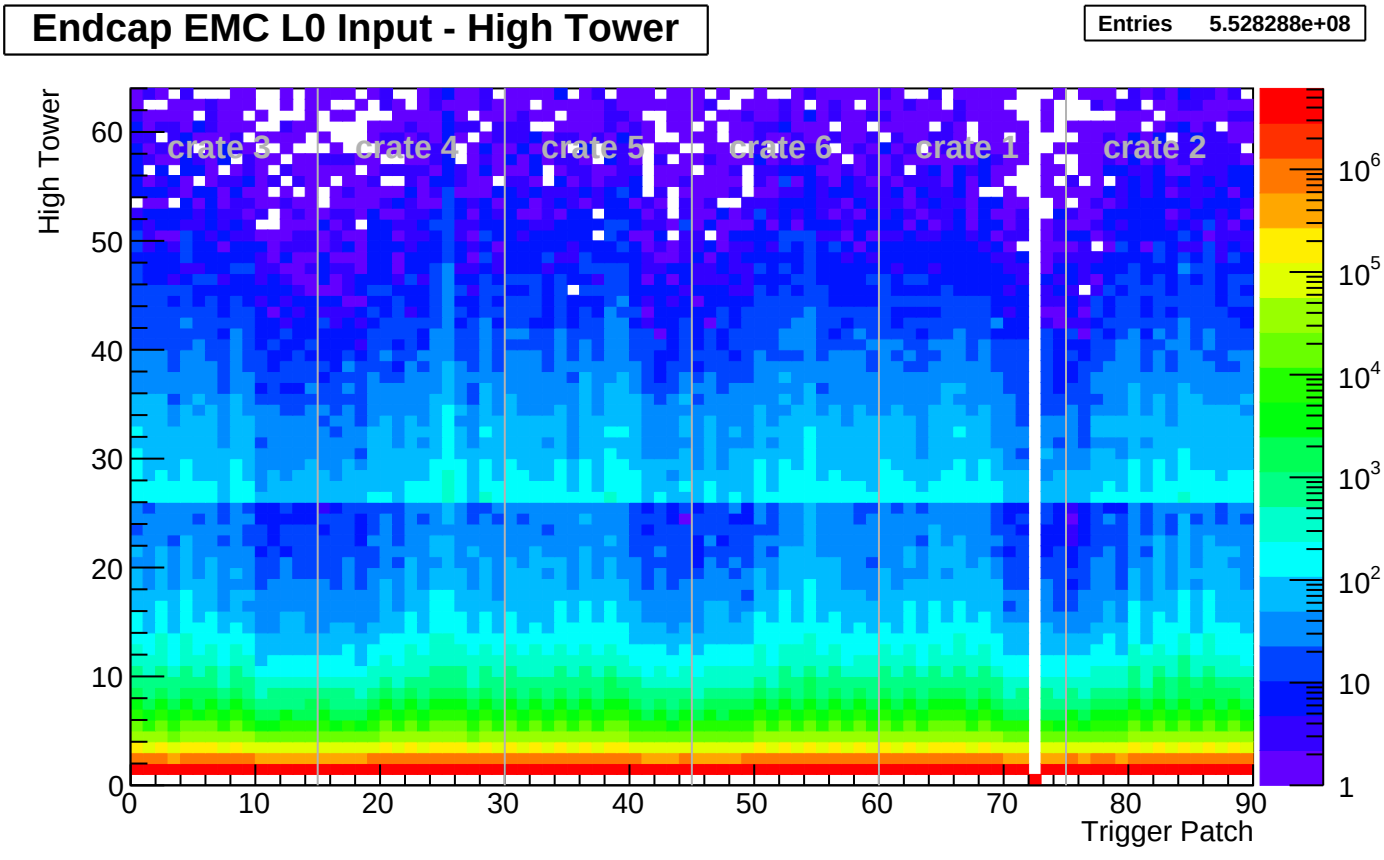
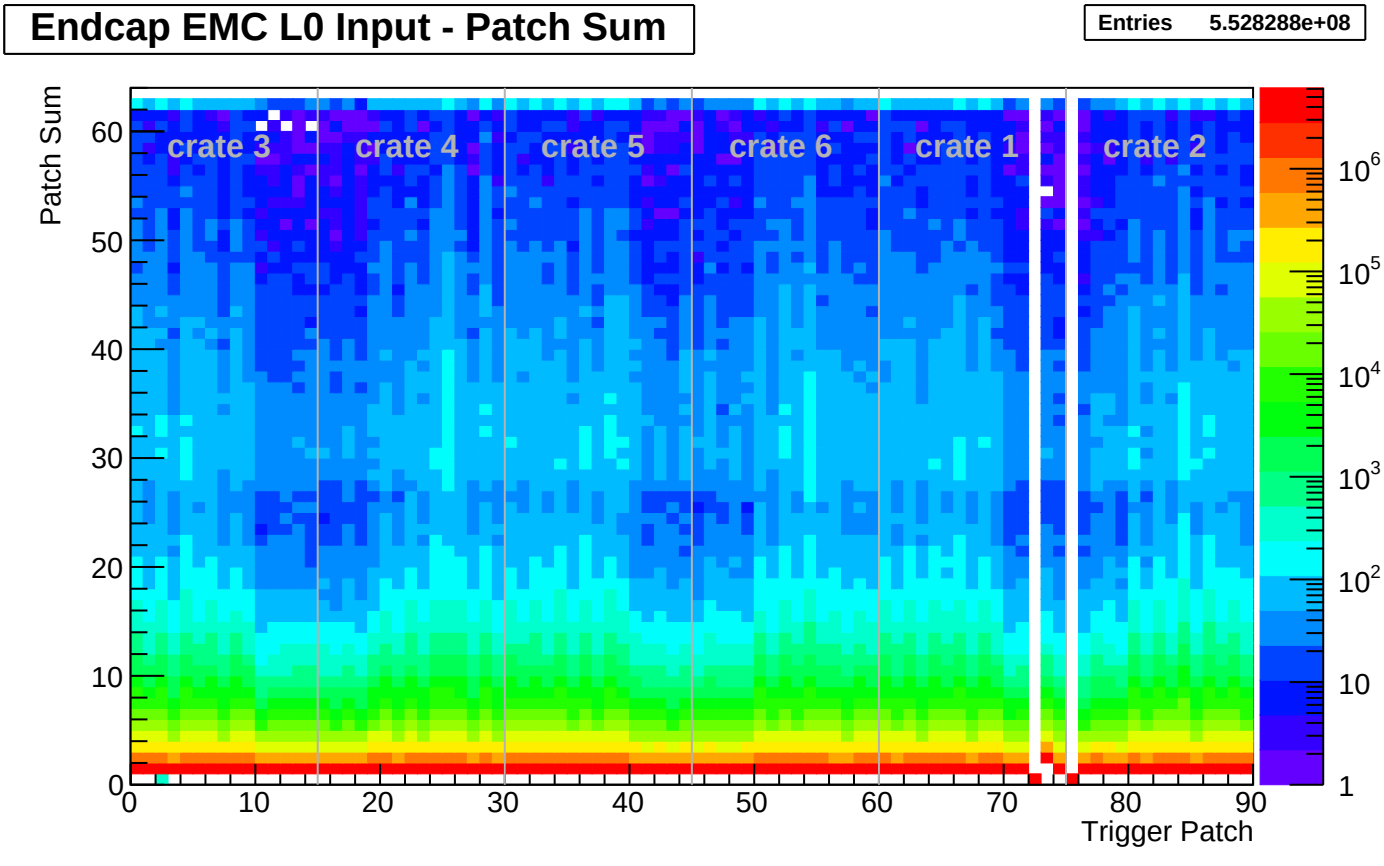
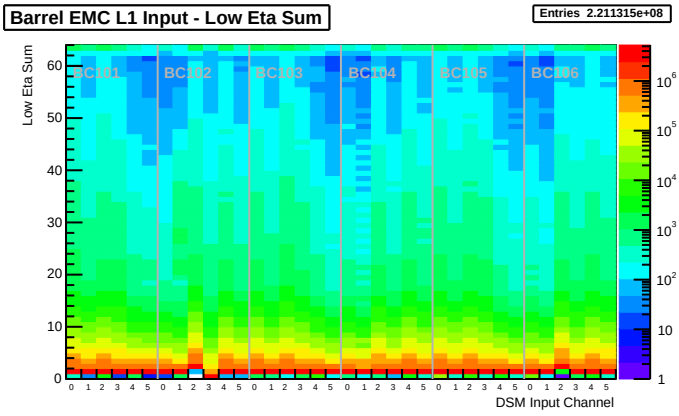
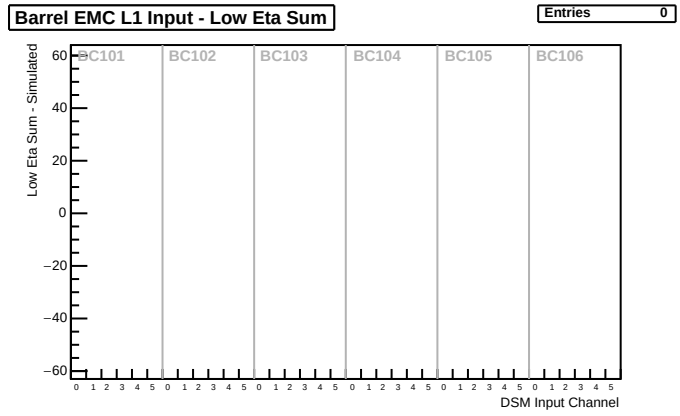

Barrel EMC L0 Input - High Tower
Entries 1.842763e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

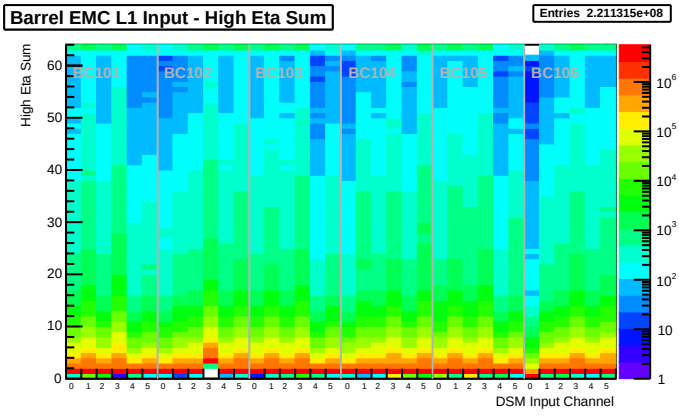

Barrel EMC L0 Input - Patch Sum
Entries 1.842763e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

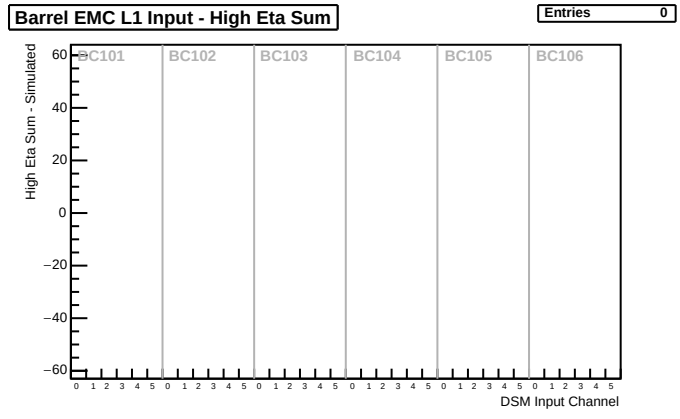

Endcap EMC L0 Input - High Tower
Entries 5.528288e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

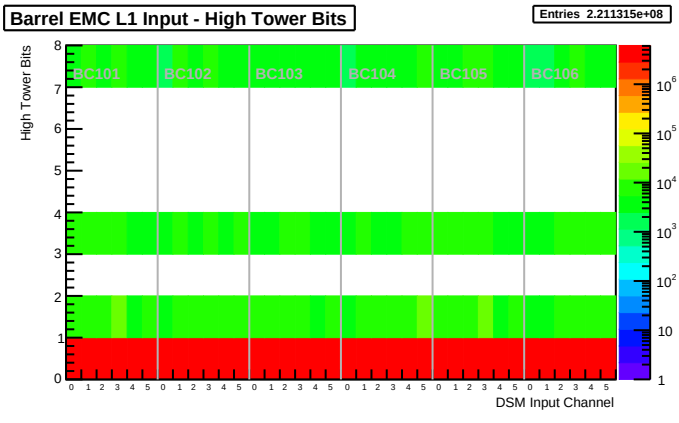

Endcap EMC L0 Input - Patch Sum
Entries 5.528288e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

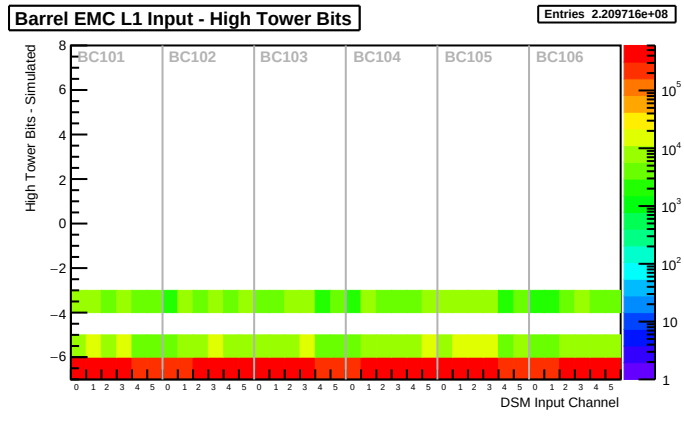

Barrel EMC L1 Input - Low Eta Sum
Entries 2.211315e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

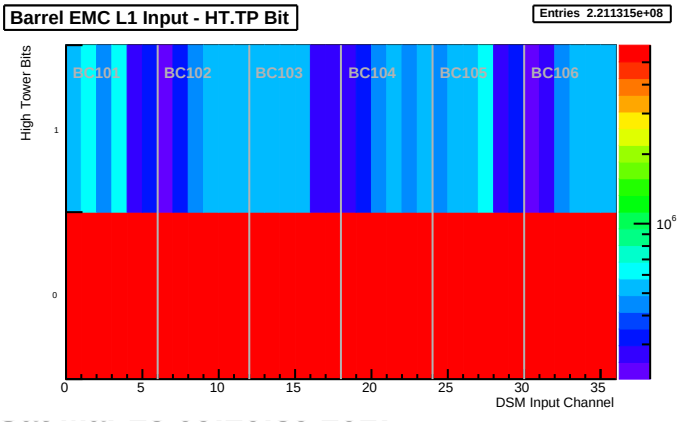

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

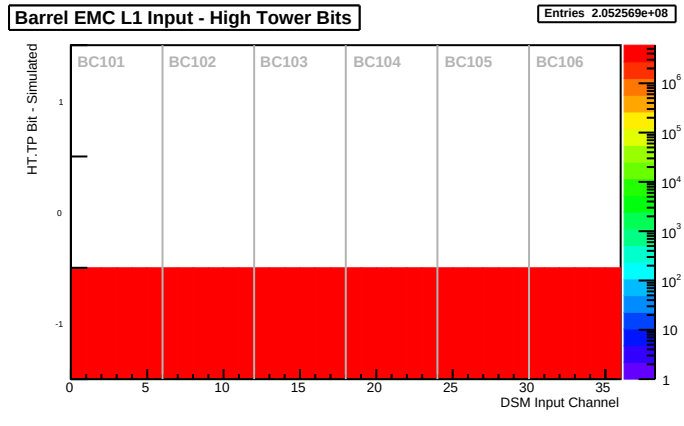

Barrel EMC L1 Input - High Eta Sum
Entries 2.211315e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

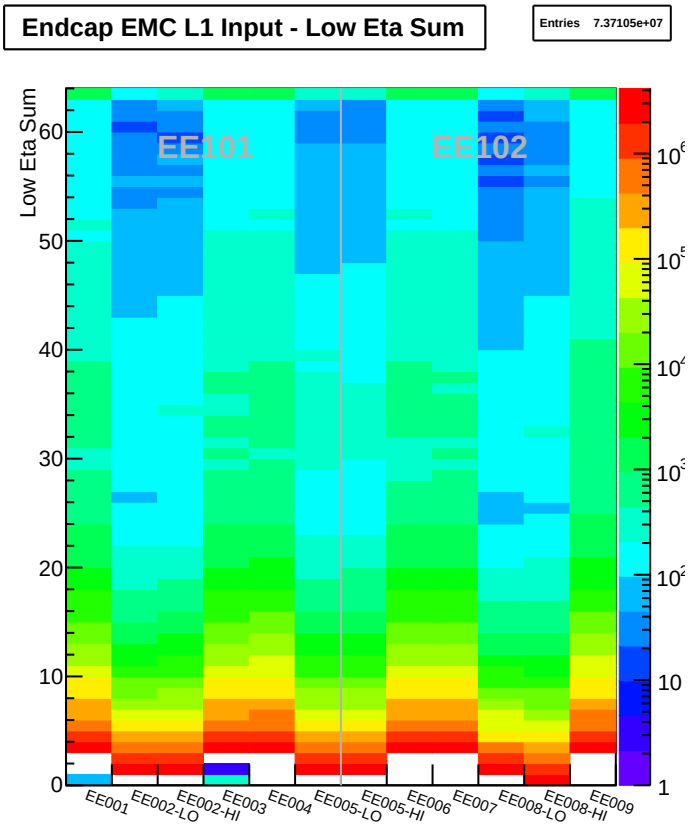

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

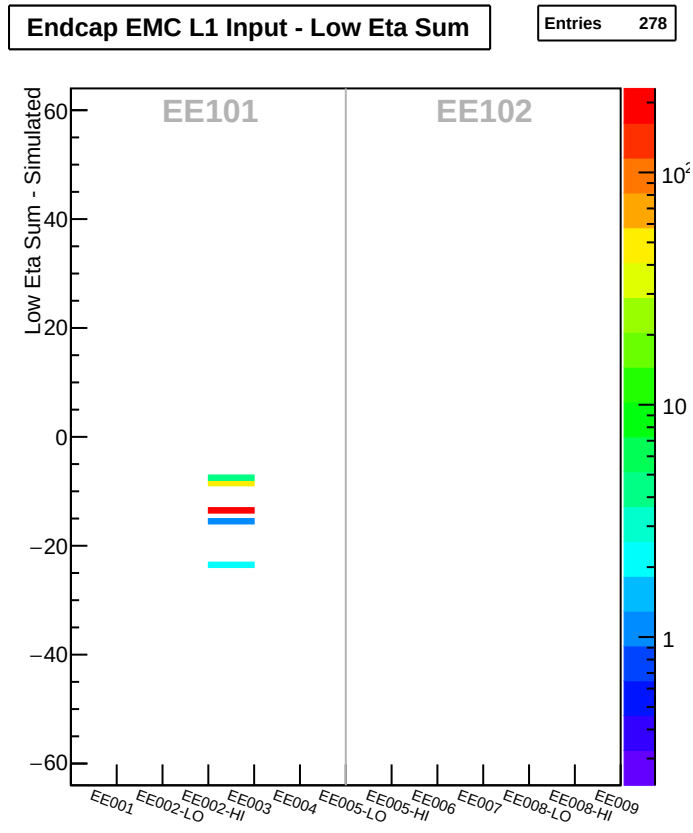

Barrel EMC L1 Input - High Tower Bits
Entries 2.211315e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

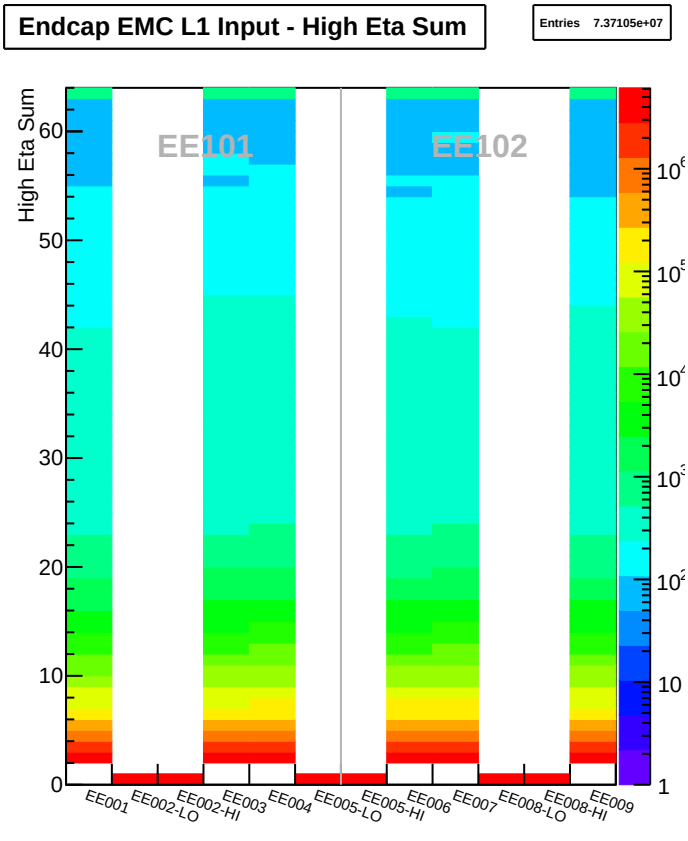

Barrel EMC L1 Input - High Tower Bits
Entries 2.209716e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

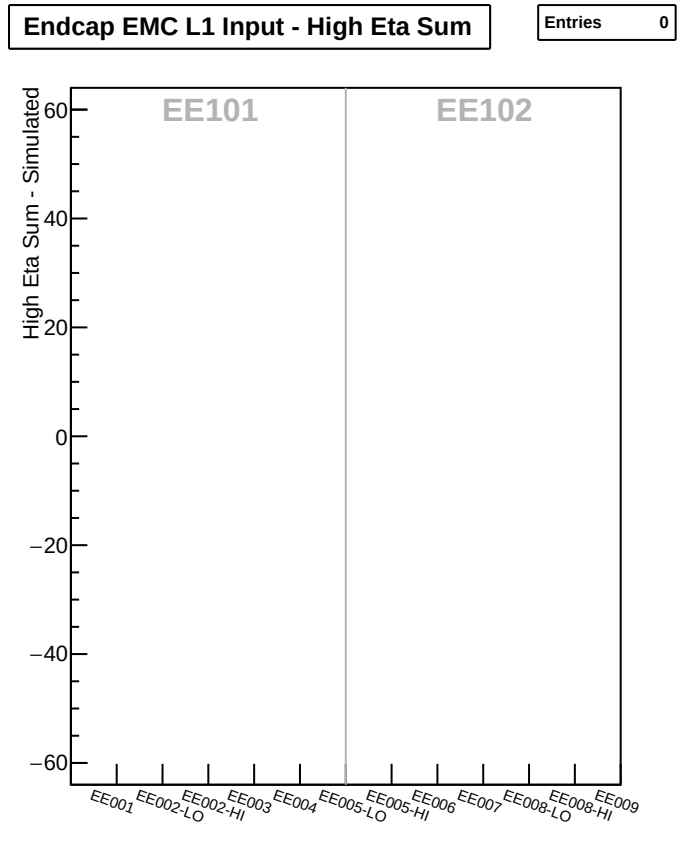

Barrel EMC L1 Input - HT.TP Bit
Entries 2.211315e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

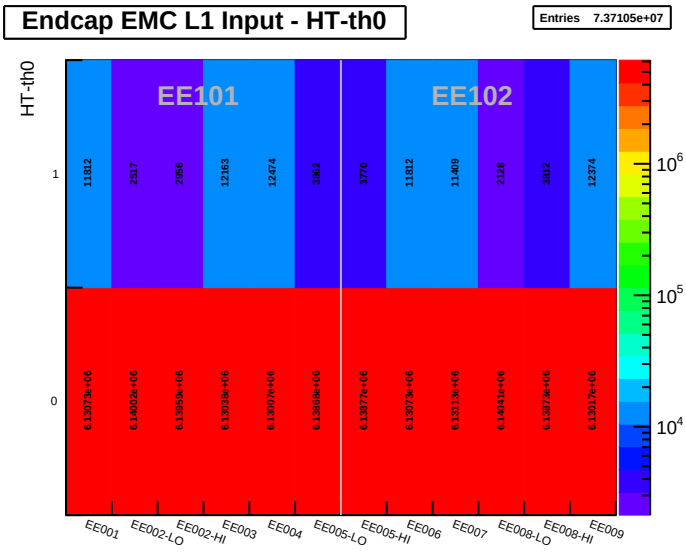

Barrel EMC L1 Input - High Tower Bits
Entries 2.052569e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

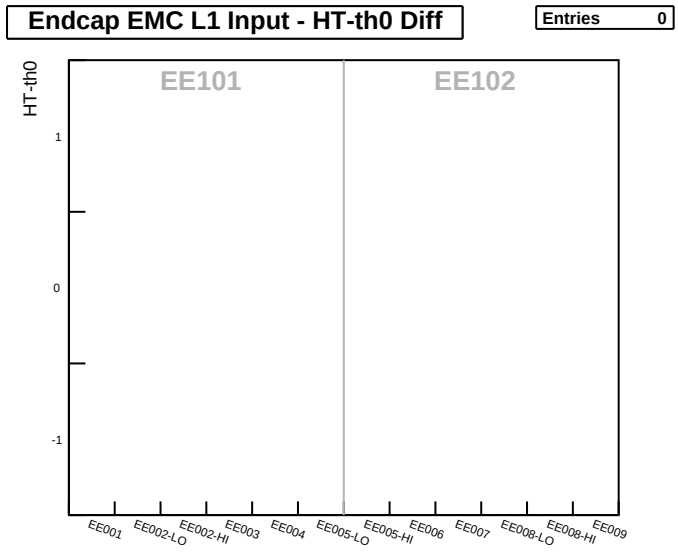

Endcap EMC L1 Input - Low Eta Sum
Entries 7.37105e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

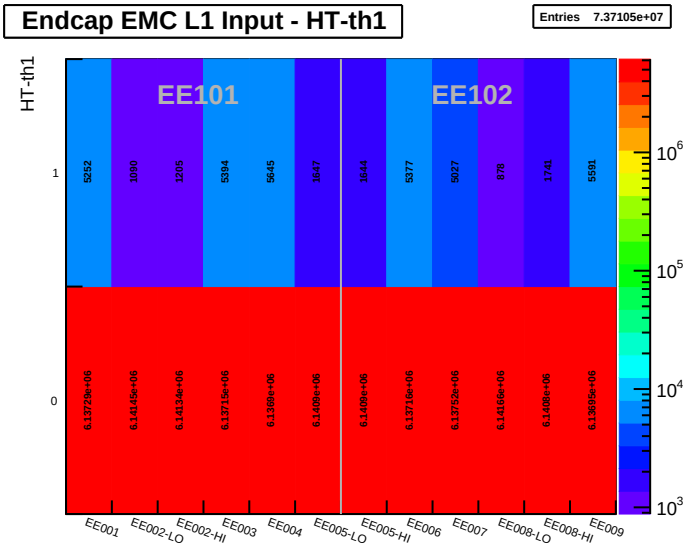

Endcap EMC L1 Input - Low Eta Sum
Entries 278
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

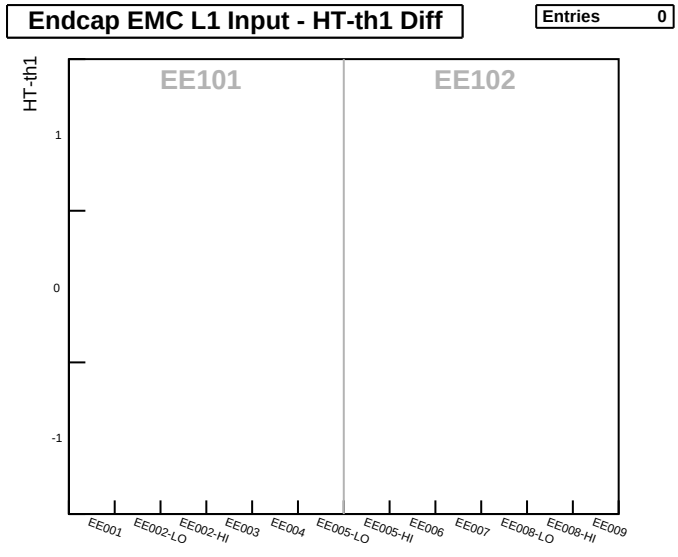

Endcap EMC L1 Input - High Eta Sum
Entries 7.37105e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

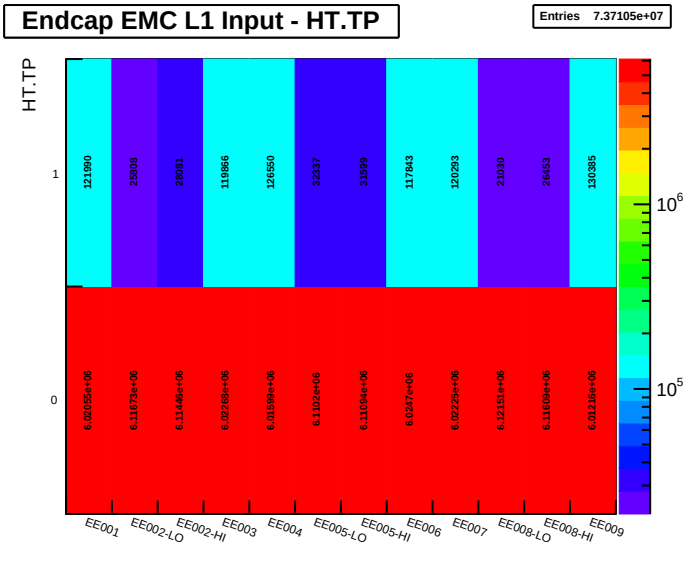

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

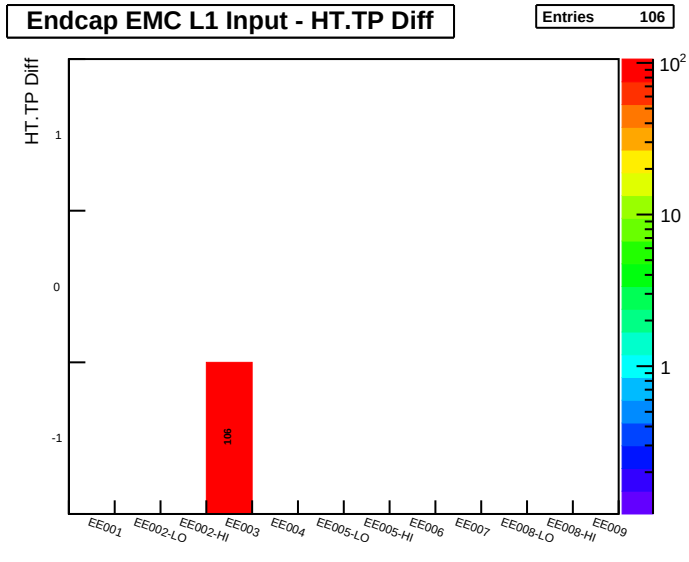

Endcap EMC L1 Input - HT-th0
Entries 7.37105e+07
HT-th0
EE101
EE102
11812 2517 2056 12163 12474 3862 3770 11812 11409 2128 3812 12374
6.13072e+06 6.14002e+06 6.13959e+06 6.13038e+06 6.13007e+06 6.13868e+06 6.13877e+06 6.13072e+06 6.13113e+06 6.14041e+06 6.13879e+06 6.13017e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

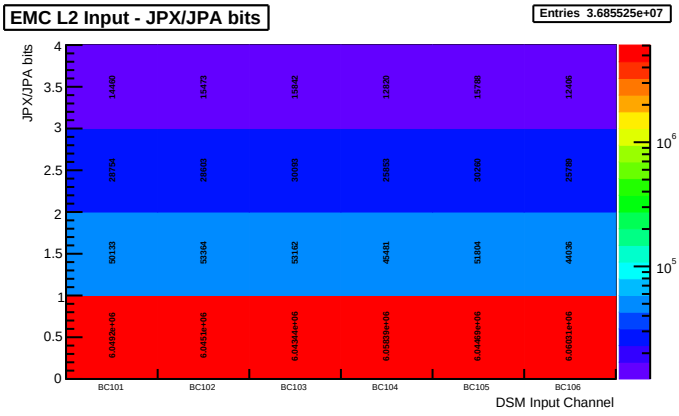

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

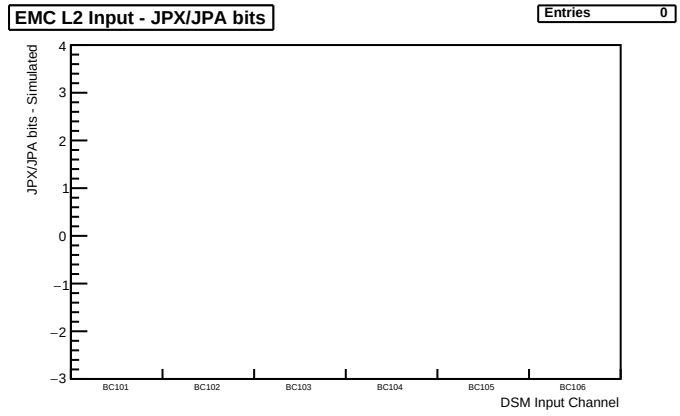

Endcap EMC L1 Input - HT-th1
Entries 7.37105e+07
HT-th1
EE101
EE102
5252 1090 1205 5394 5645 1647 1544 5377 5027 876 1741 5591
6.13729e+06 6.14145e+06 6.14134e+06 6.13715e+06 6.1369e+06 6.1409e+06 6.1409e+06 6.13716e+06 6.13752e+06 6.14166e+06 6.1408e+06 6.13895e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

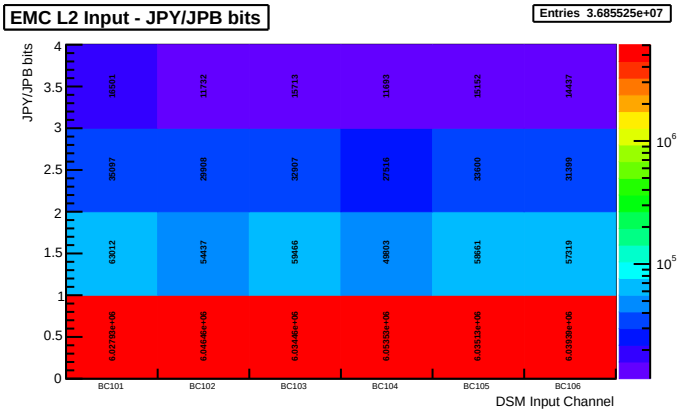

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

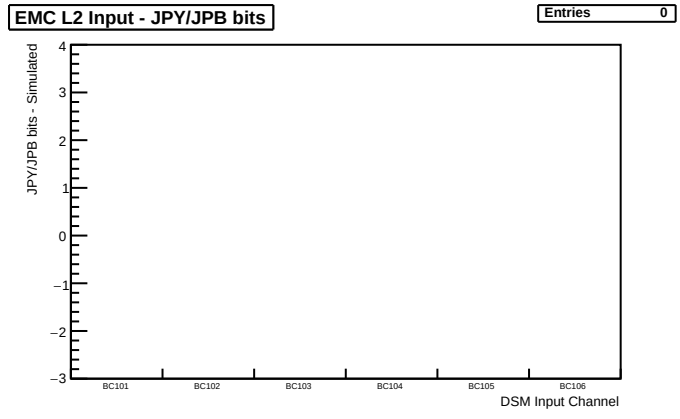

Endcap EMC L1 Input - HT.TP
Entries 7.37105e+07
HT.TP
121990 25808 28081 119866 126550 32337 31599 117843 120293 21030 26453 130385
6.02055e+06 6.11673e+06 6.11446e+06 6.0228e+06 6.01599e+06 6.1102e+06 6.11094e+06 6.0247e+06 6.02225e+06 6.12151e+06 6.11609e+06 6.01216e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

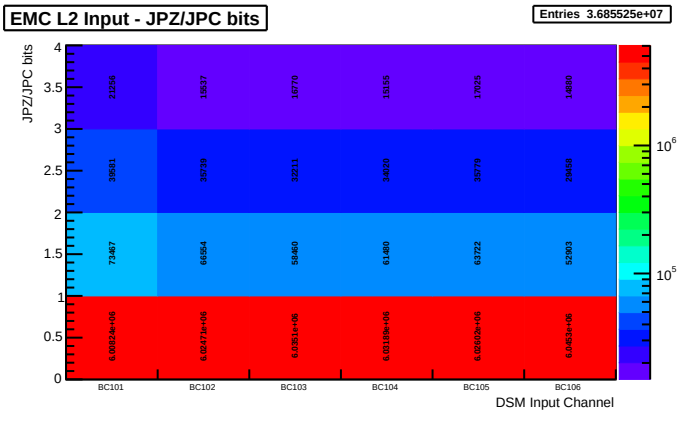

Endcap EMC L1 Input - HT.TP Diff
Entries 106
HT.TP Diff
106
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

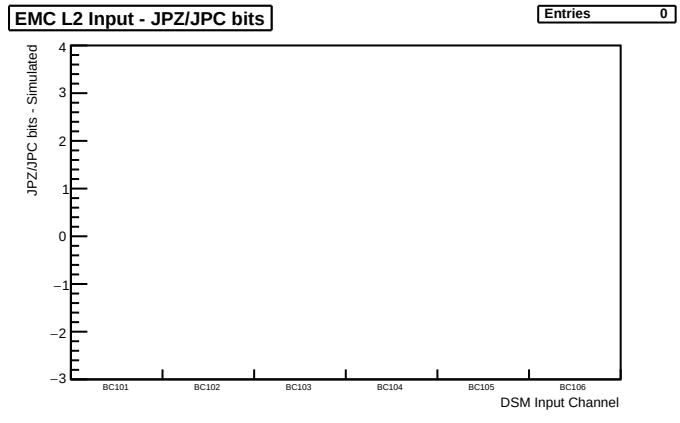

EMC L2 Input - JPX/JPA bits
Entries 3.685525e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14460
15473
15842
12820
15788
12406
25754
28803
30083
25953
30250
25789
50133
53364
53182
45481
51904
44036
6.0492e+06
6.0459e+06
6.0434e+06
6.0583e+06
6.0046e+06
6.0601e+06

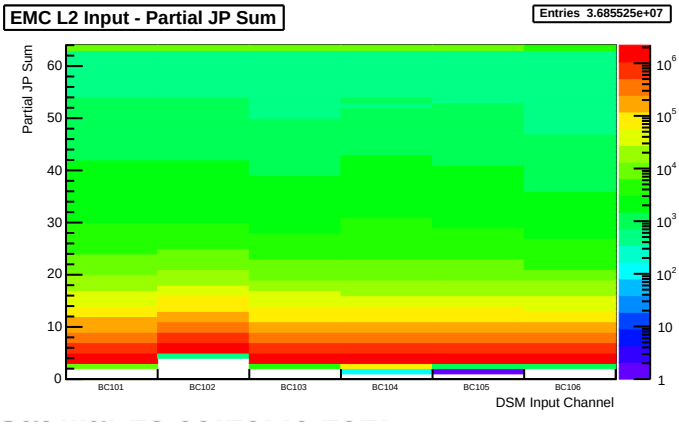

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

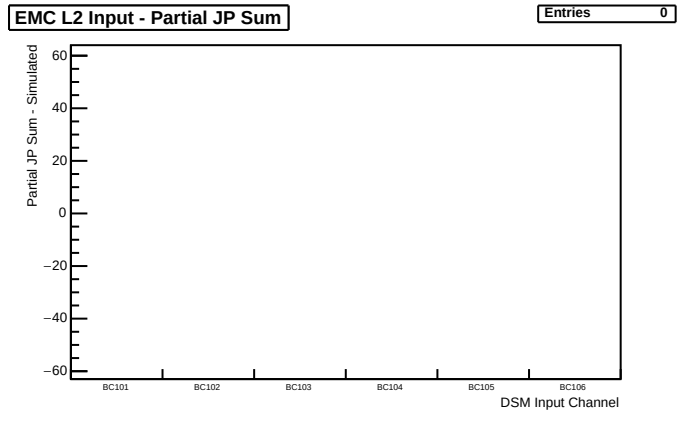

EMC L2 Input - JPY/JPB bits
Entries 3.685525e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16501
11732
15713
11693
15152
14437
35097
29908
32907
27516
33800
31399
63012
54437
59466
49803
58661
57319
6.0279e+06
6.0464e+06
6.0346e+06
6.0539e+06
6.0351e+06
6.0393e+06

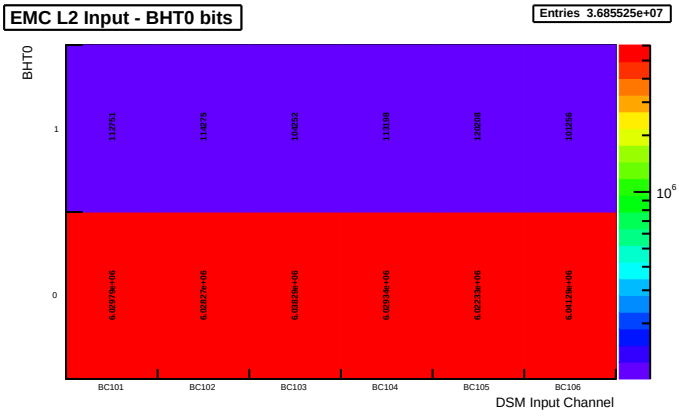

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

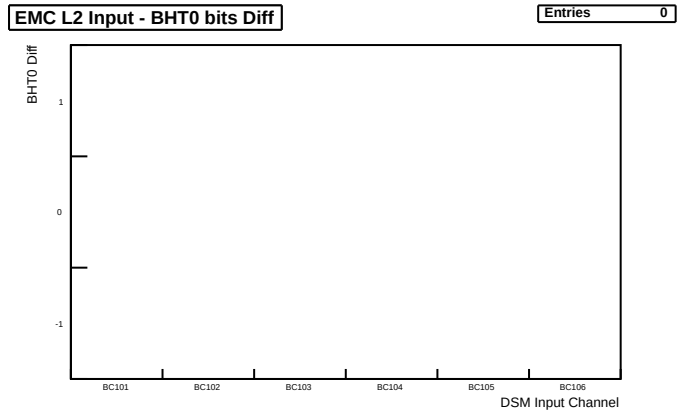

EMC L2 Input - JPZ/JPC bits
Entries 3.685525e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
21256
15537
16770
15155
17025
14680
39881
35739
32211
34420
35779
29458
73467
66554
59460
61480
63722
52903
6.0824e+06
6.0247e+06
6.0514e+06
6.0119e+06
6.0692e+06
6.0453e+06

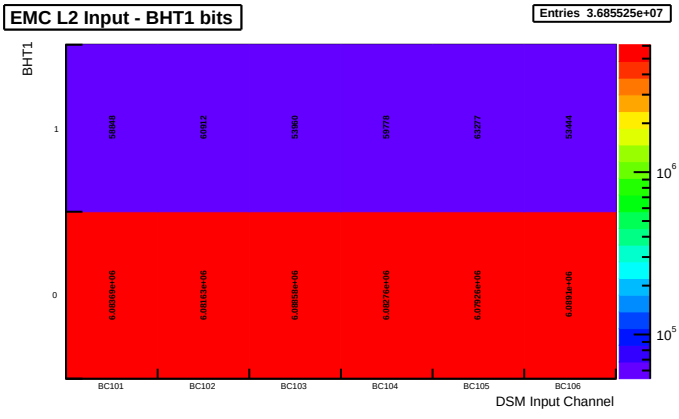

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

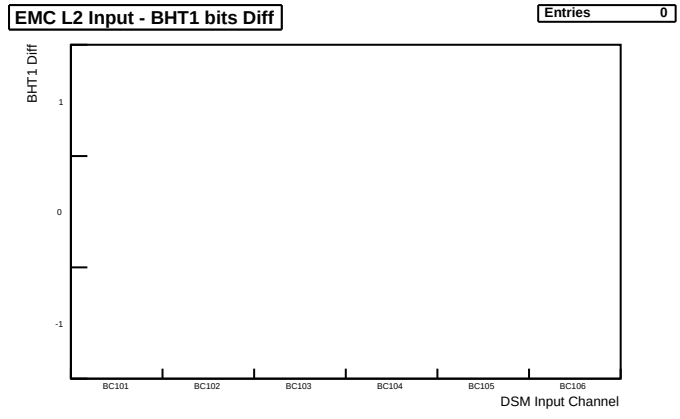

EMC L2 Input - Partial JP Sum
Entries 3.685525e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

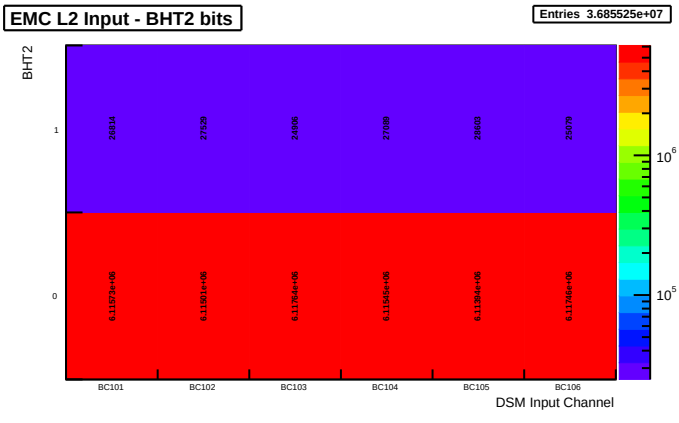

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

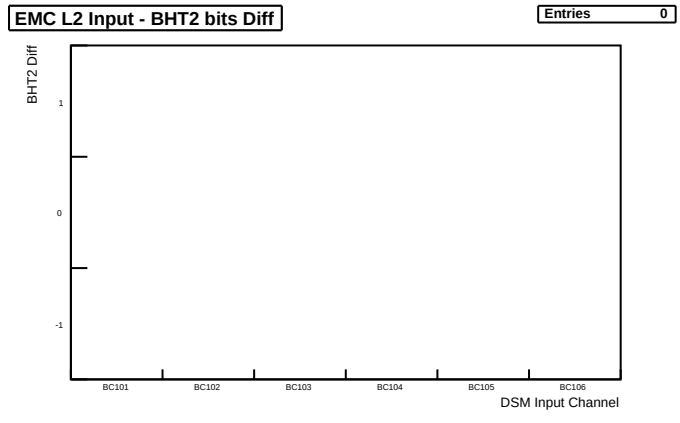

EMC L2 Input - BHT0 bits
Entries 3.685525e+07
BHT0
1
0
112751
114275
104252
113198
120208
101256
6.02379e+06
6.02327e+06
6.03829e+06
6.02034e+06
6.02233e+06
6.01129e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

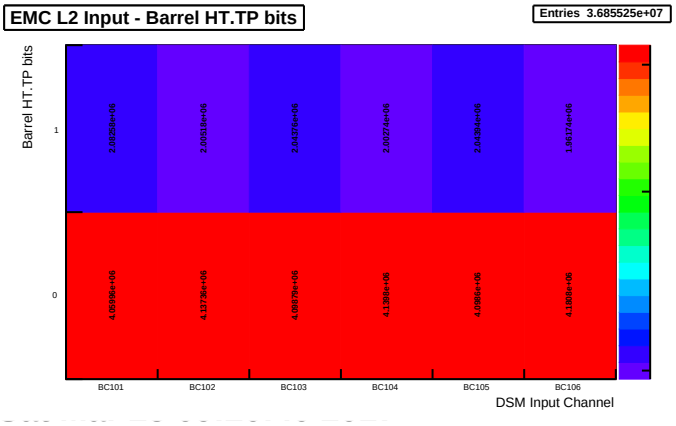

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

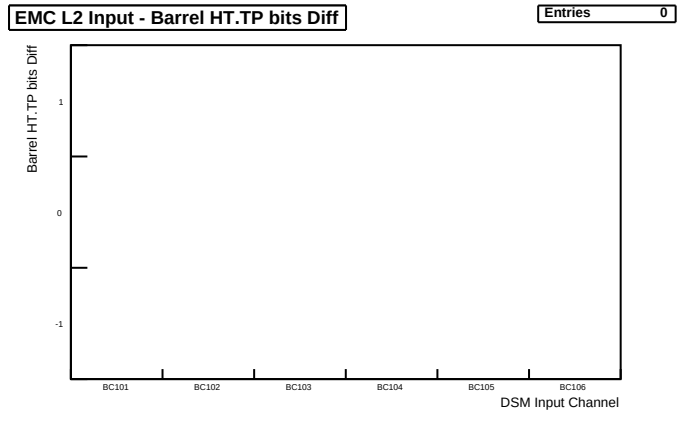

EMC L2 Input - BHT1 bits
Entries 3.685525e+07
BHT1
1
0
53848
60912
53860
53778
63277
53444
6.08569e+06
6.08163e+06
6.08958e+06
6.08276e+06
6.07926e+06
6.0801e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

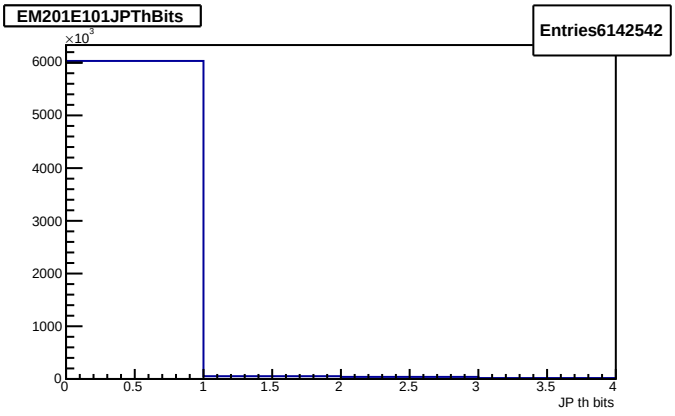

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

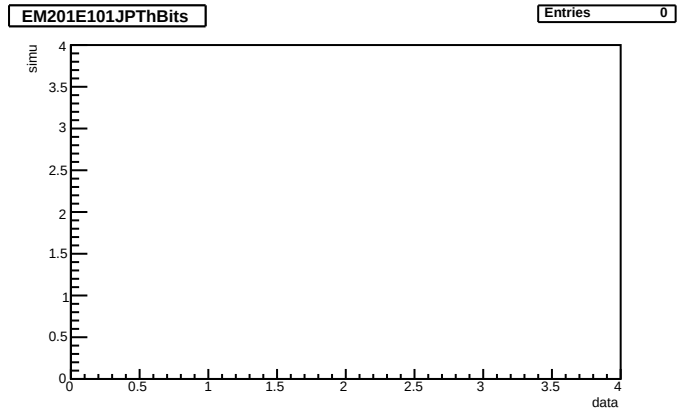

EMC L2 Input - BHT2 bits
Entries 3.685525e+07
BHT2
1
0
26314
27529
24906
27109
28603
25079
6.11572e+06
6.11501e+06
6.11764e+06
6.11545e+06
6.11934e+06
6.11746e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

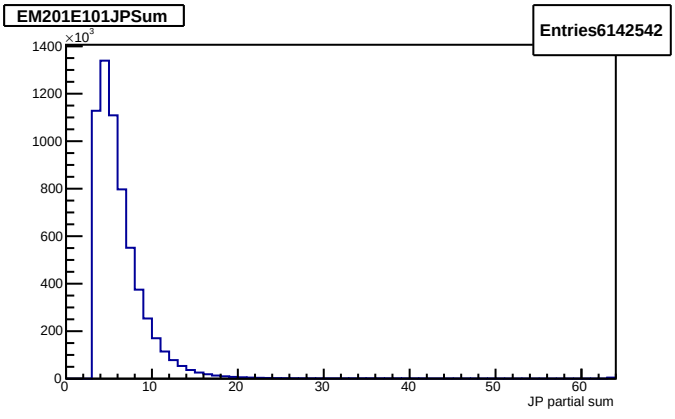

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

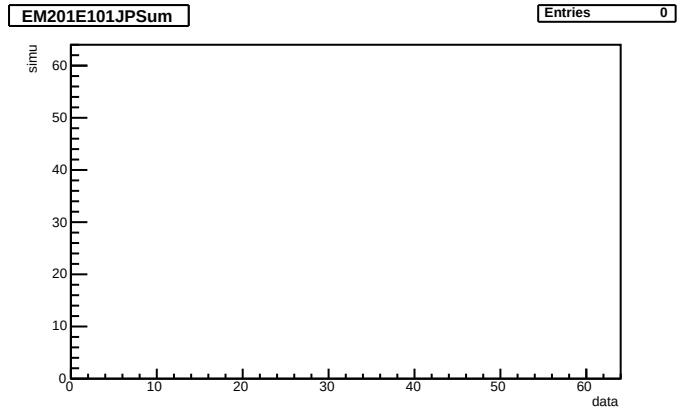

EMC L2 Input - Barrel HT.TP bits
Entries 3.685525e+07
Barrel HT.TP bits
1
0
2.02854e+06
2.00539e+06
2.04376e+06
2.0027e+06
2.04594e+06
1.96174e+06
4.05398e+06
4.13739e+06
4.09479e+06
4.1309e+06
4.0988e+06
4.1309e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

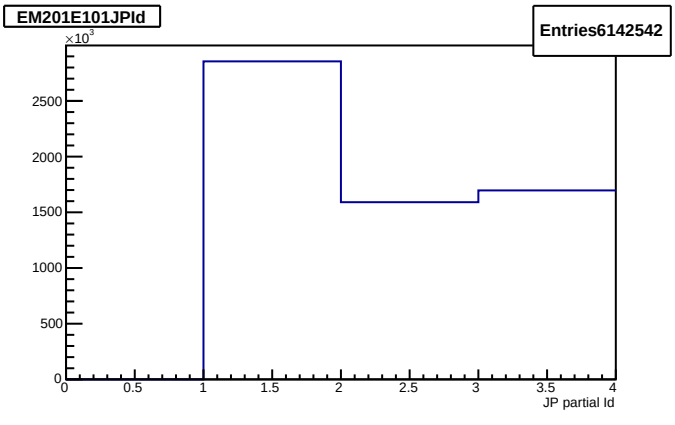

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

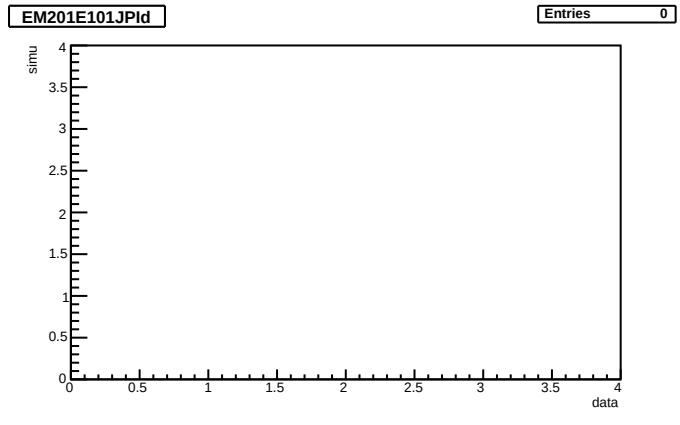

EM201E101JPThBits
Entries6142542
×10^3
JP th bits

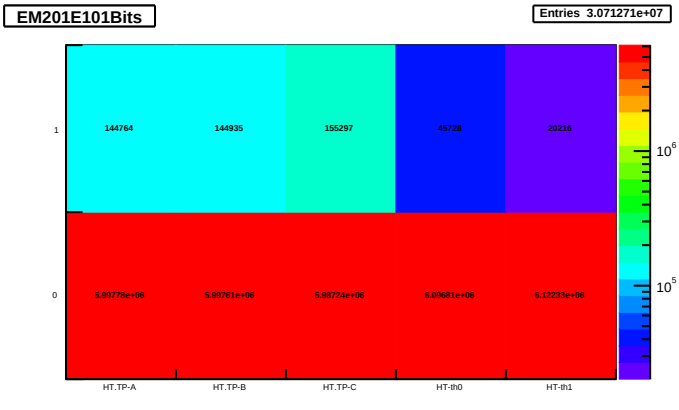

EM201E101JPThBits
Entries 0
simu
data

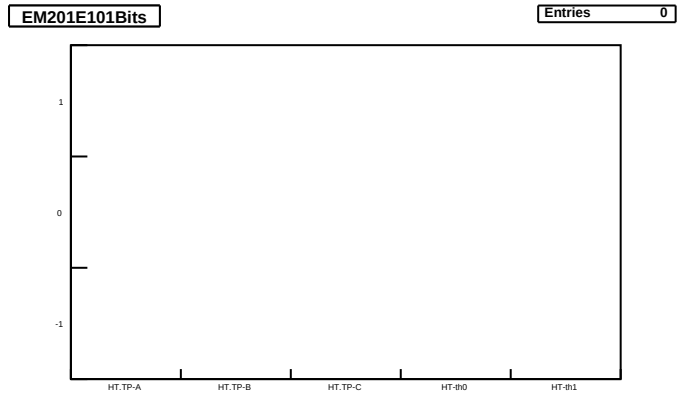

EM201E101JPSum
Entries6142542
×10^3
JP partial sum

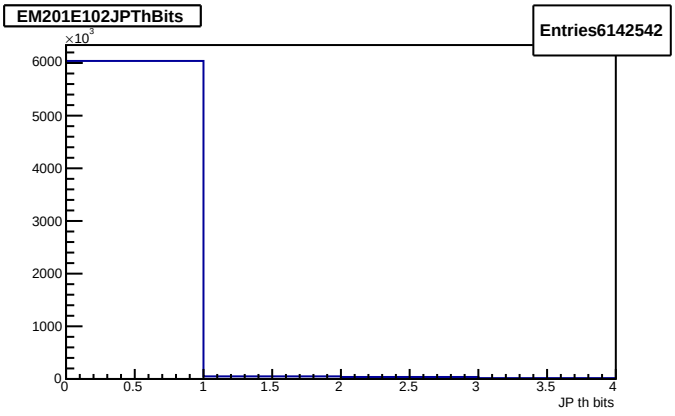

EM201E101JPSum
Entries 0
simu
data

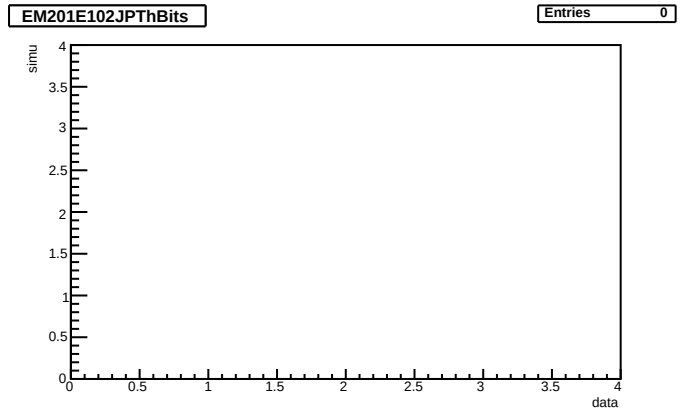

EM201E101JPId
Entries6142542
×10^3
JP partial Id

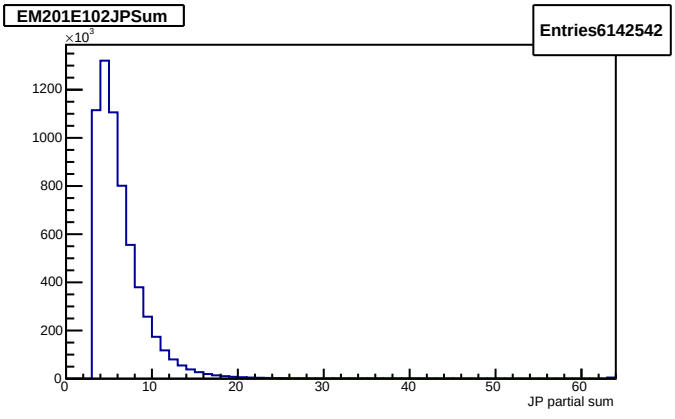

EM201E101JPId
Entries 0
simu
data

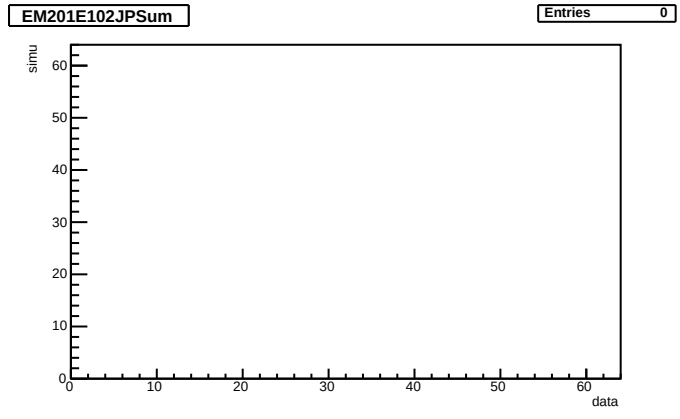

EM201E101Bits
Entries 3.071271e+07
144764
144935
155297
45728
20216
5.99778e+06
5.99761e+06
5.98724e+06
6.09681e+06
6.12233e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

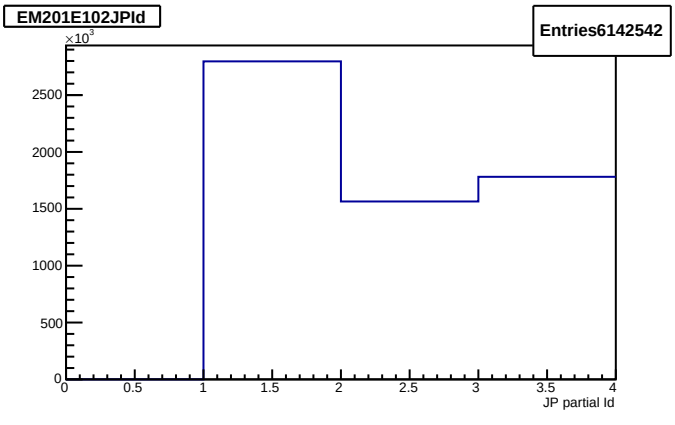

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

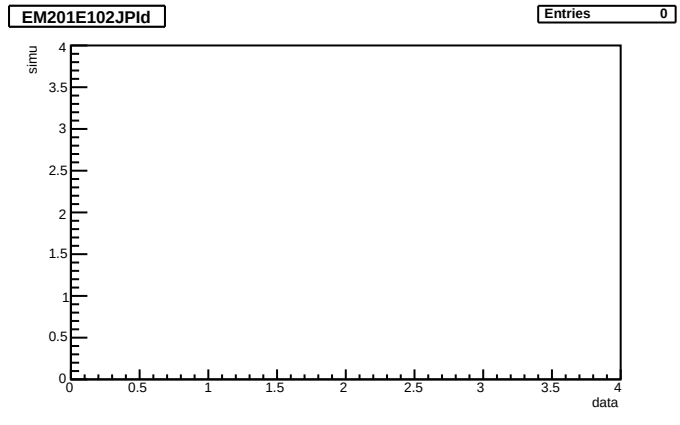

EM201E102JPThBits
Entries6142542
×10^3
JP th bits

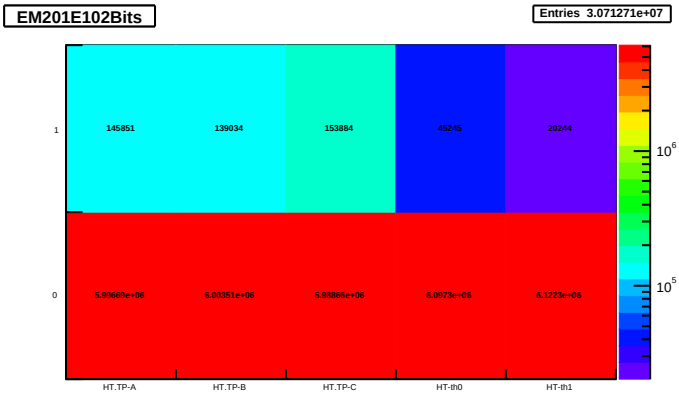

EM201E102JPThBits
Entries 0
simu
data

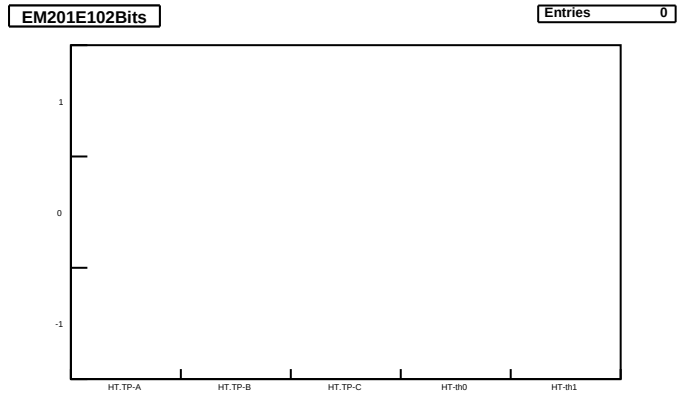

EM201E102JPSum
Entries6142542
×10^3
JP partial sum

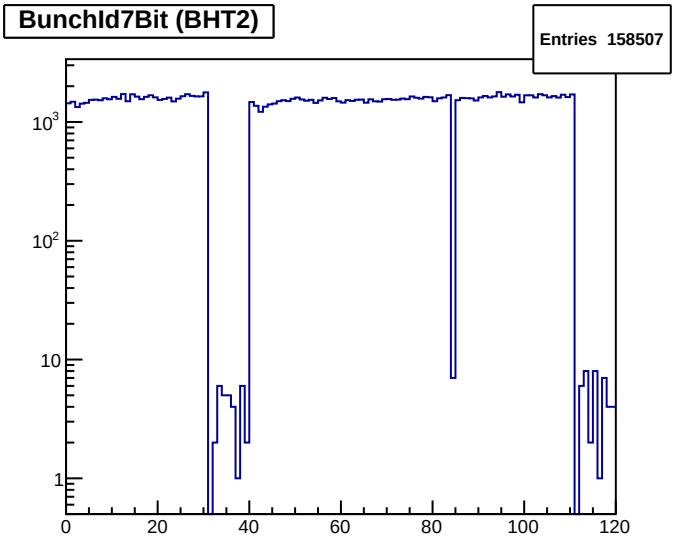

EM201E102JPSum
Entries 0
simu
data

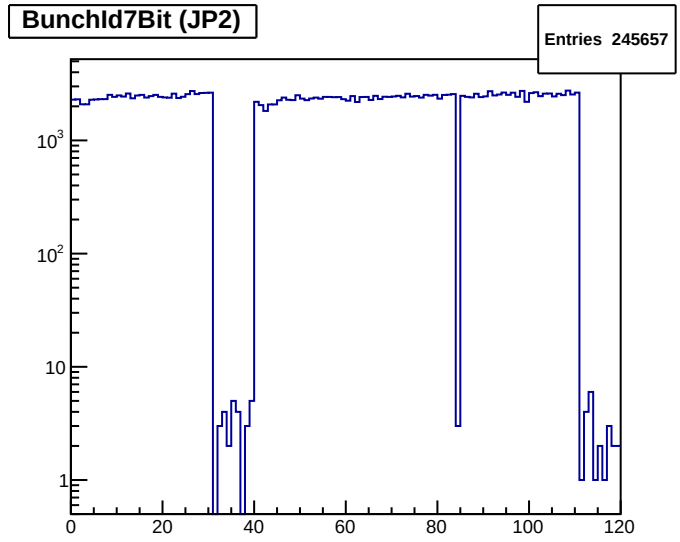

EM201E102JPId
Entries6142542
×10^3
JP partial Id

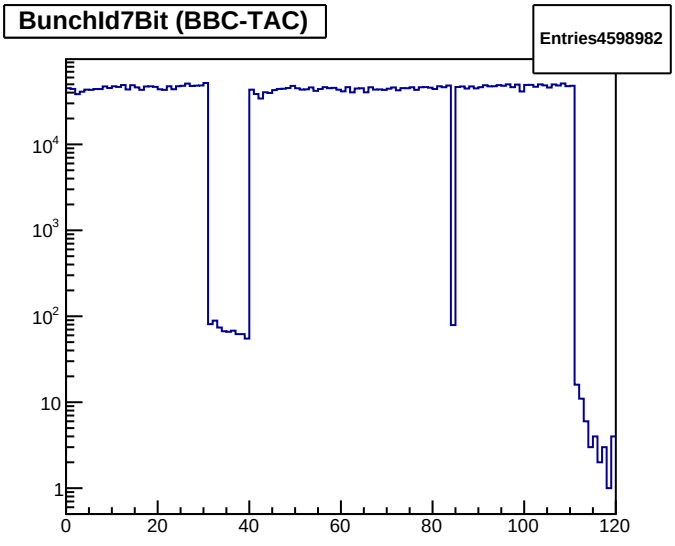

EM201E102JPId
Entries 0
simu
data

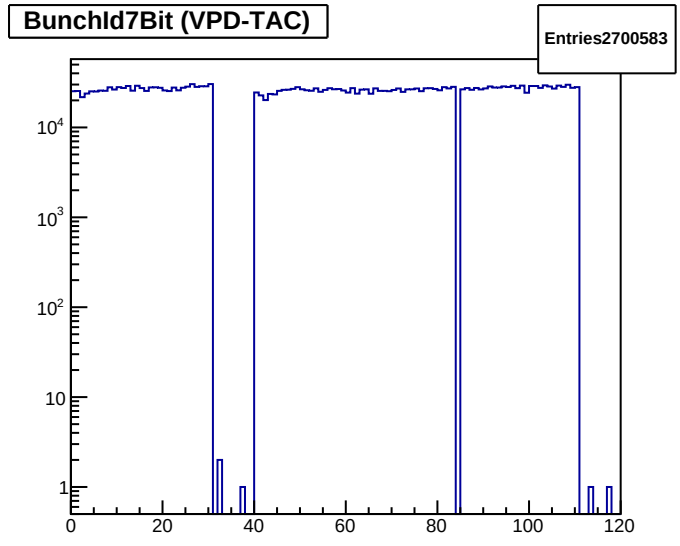

EM201E102Bits
Entries 3.071271e+07
145851
139034
153884
45245
20244
5.99669e+06
6.00351e+06
5.98866e+06
6.0973e+06
6.1223e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

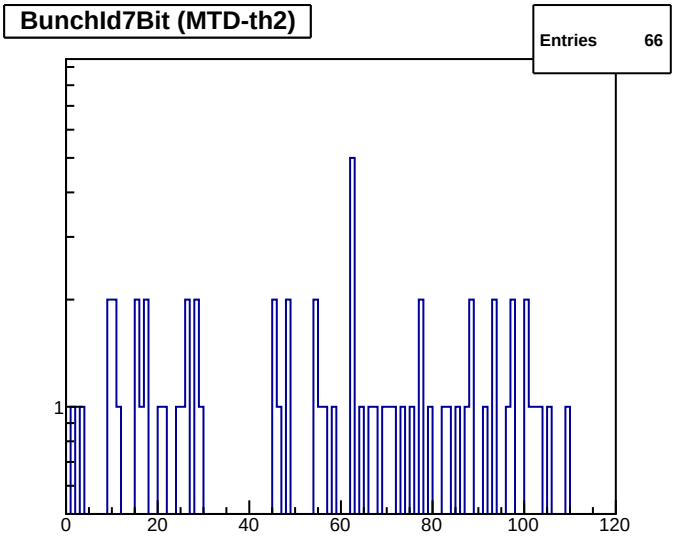

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

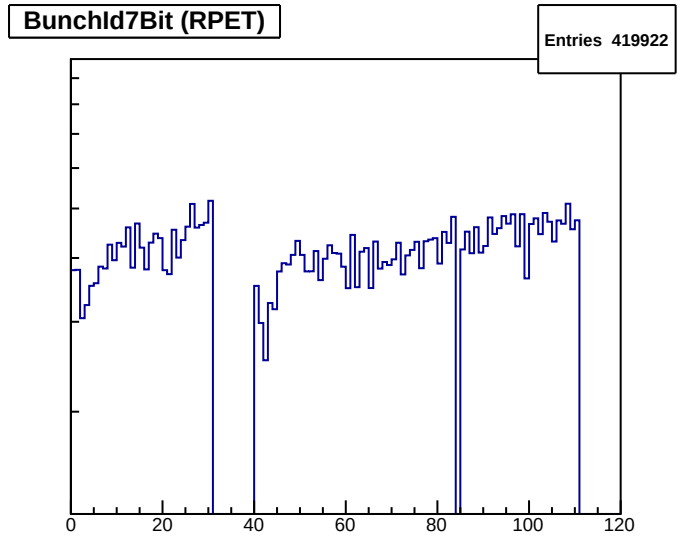

BunchId7Bit (BHT2)
Entries 158507
10^3
10^2
10
1
0
20
40
60
80
100
120

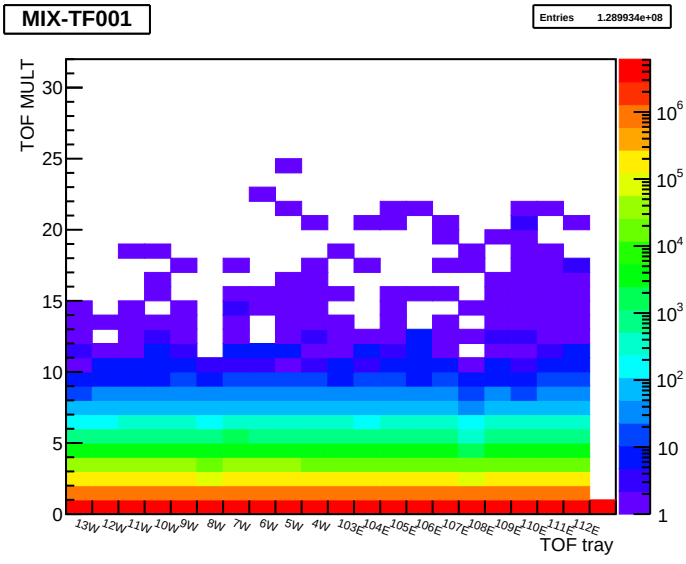

BunchId7Bit (JP2)
Entries 245657
10^3
10^2
10
1
0
20
40
60
80
100
120

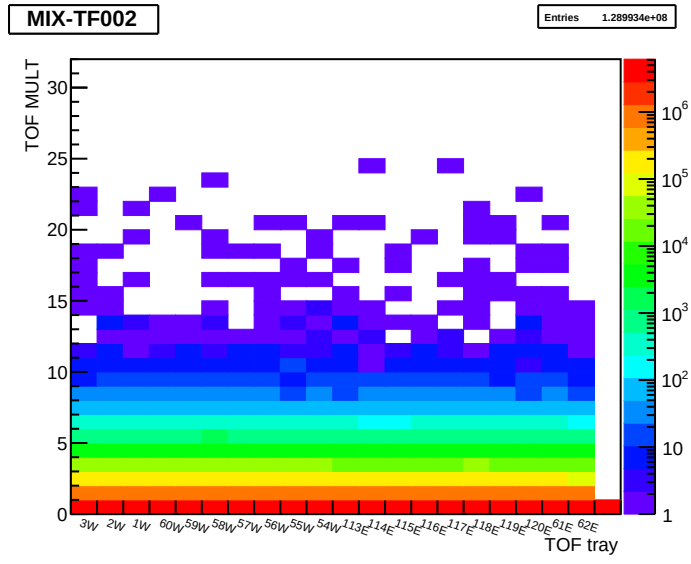

BunchId7Bit (BBC-TAC)
Entries4598982
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

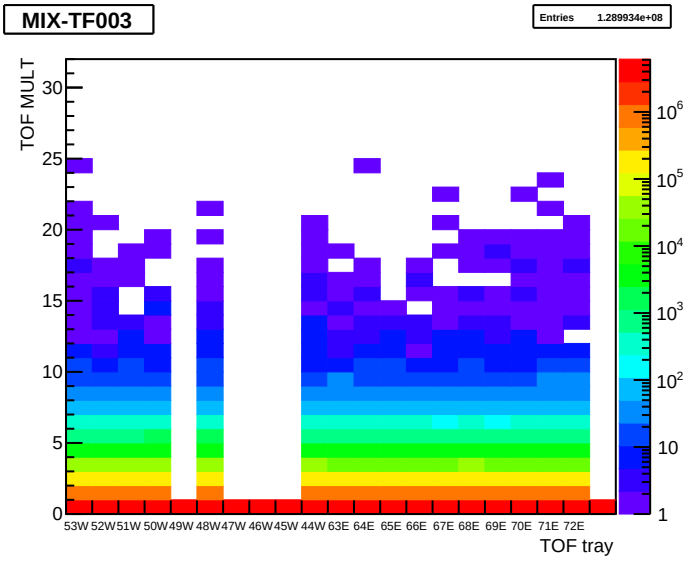

BunchId7Bit (VPD-TAC)
Entries2700583
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

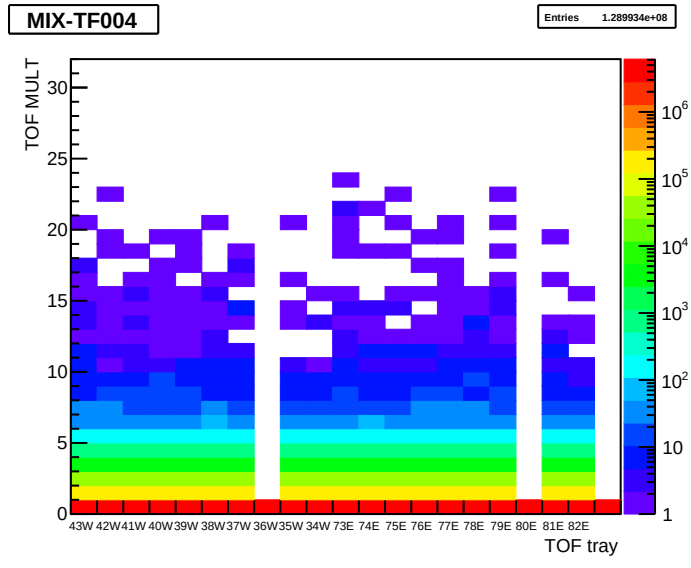

BunchId7Bit (MTD-th2)
Entries 66
1
0
20
40
60
80
100
120

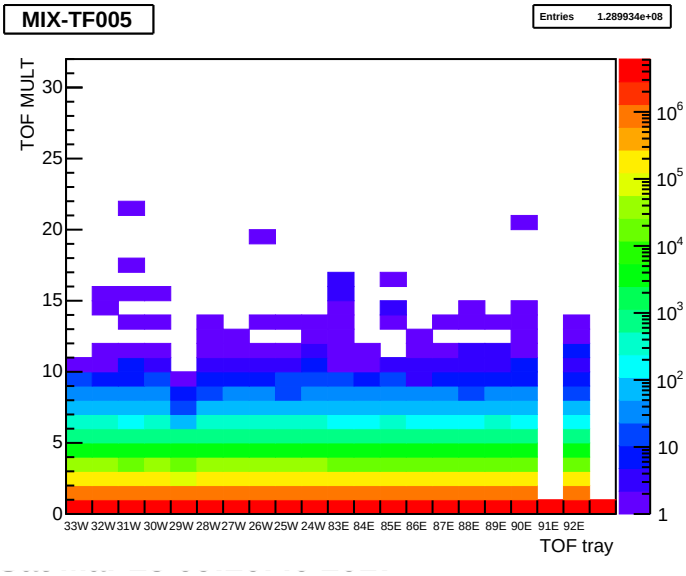

BunchId7Bit (RPET)
Entries 419922
0
20
40
60
80
100
120

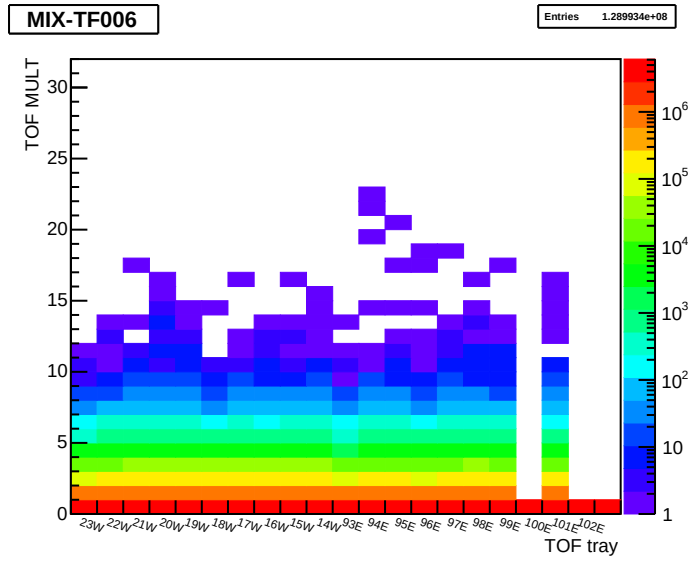

MIX-TF001
Entries 1.289934e+08
TOF MULT
TOF tray

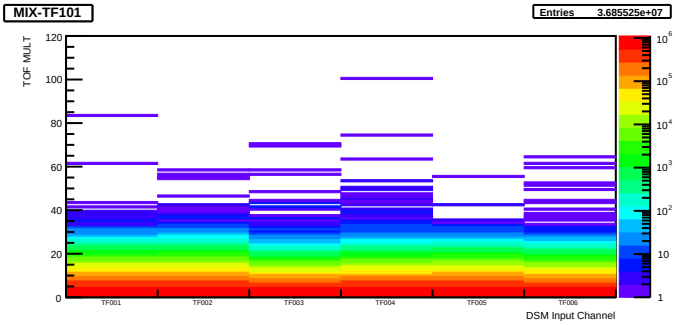

MIX-TF002
Entries 1.289934e+08
TOF MULT
TOF tray

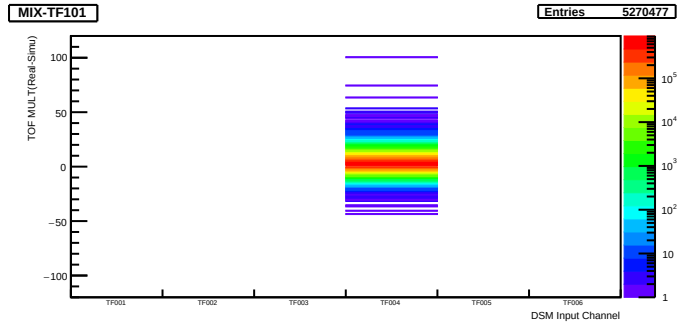

MIX-TF003
Entries 1.289934e+08
TOF MULT
TOF tray

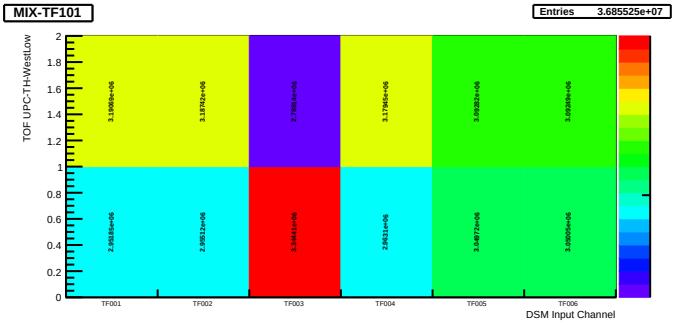

MIX-TF004
Entries 1.289934e+08
TOF MULT
TOF tray

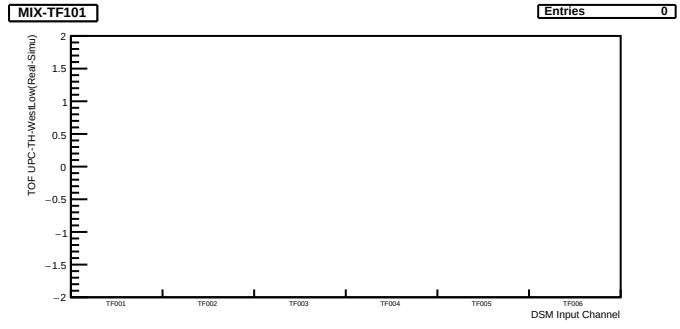

MIX-TF005
Entries 1.289934e+08
TOF MULT
TOF tray

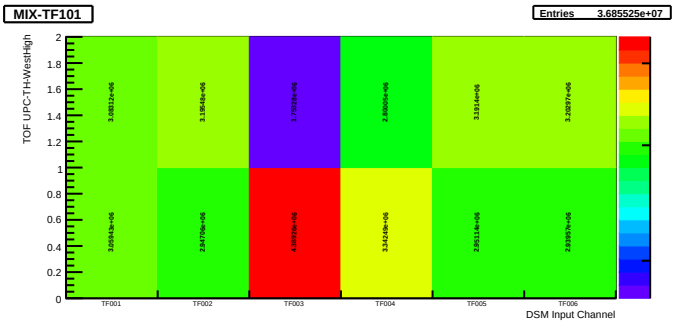

MIX-TF006
Entries 1.289934e+08
TOF MULT
TOF tray

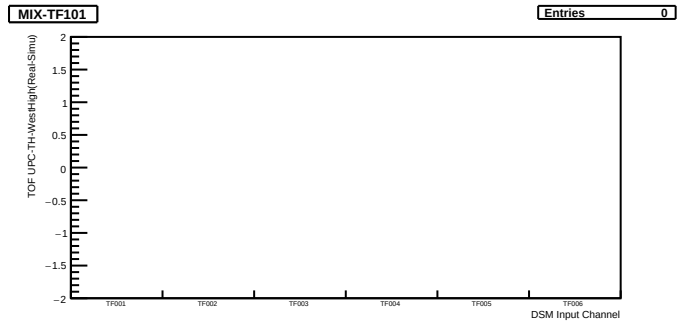

MIX-TF101
Entries 3.685525e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

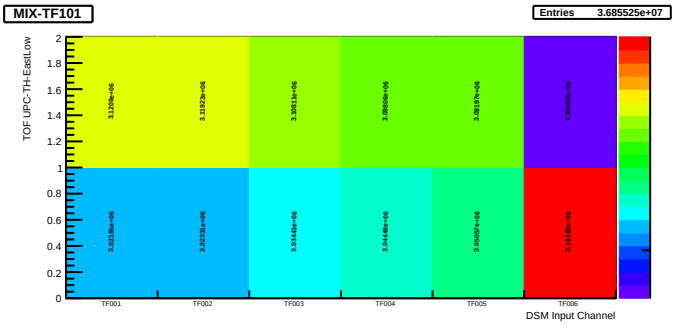

MIX-TF101
Entries 5270477
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

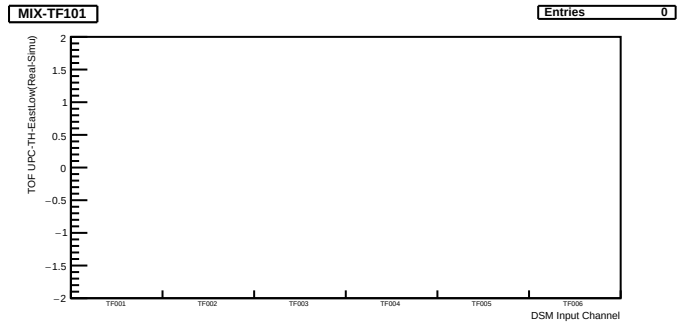

MIX-TF101
Entries 3.685525e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

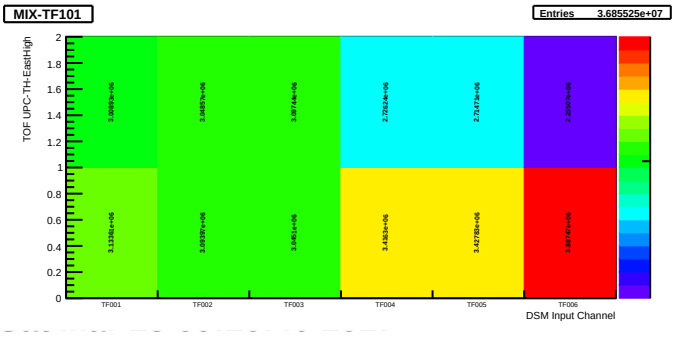

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

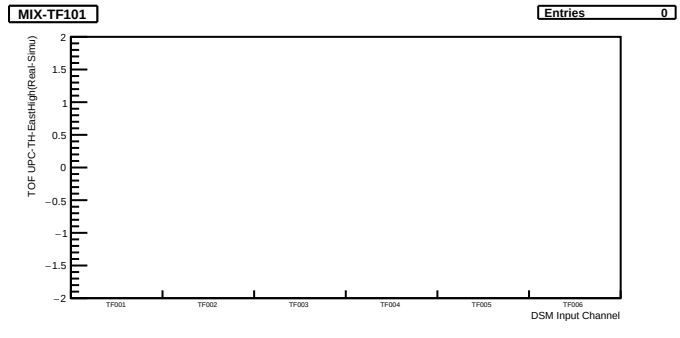

MIX-TF101
Entries 3.685525e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

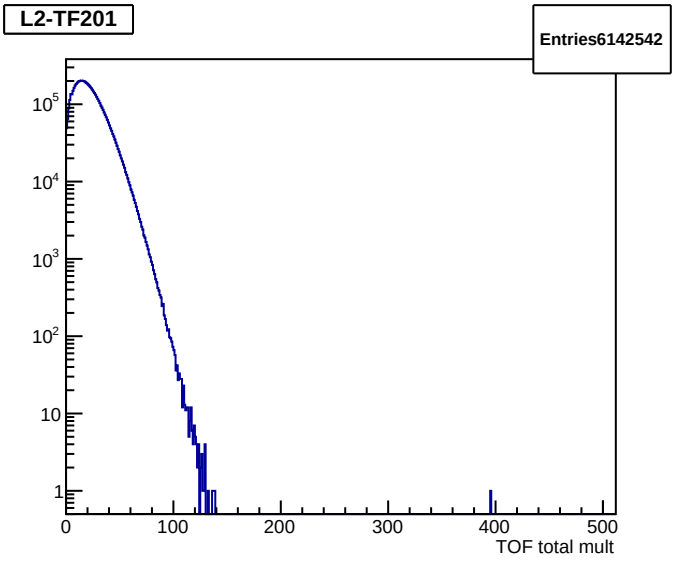

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

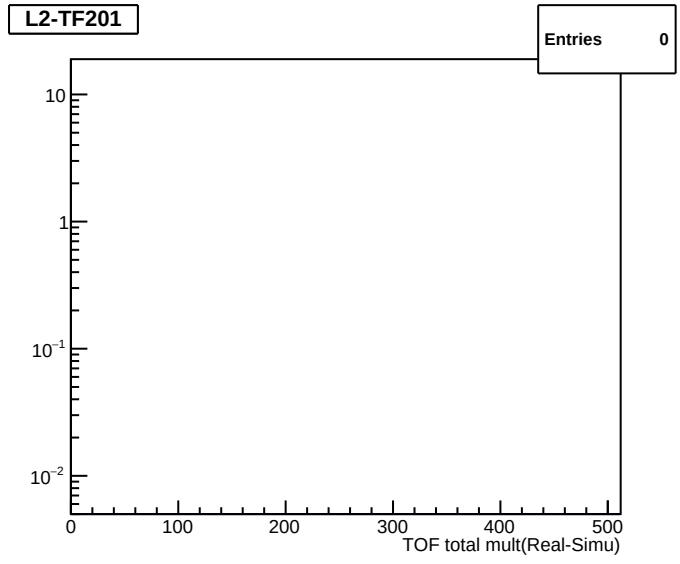

MIX-TF101
Entries 3.685525e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

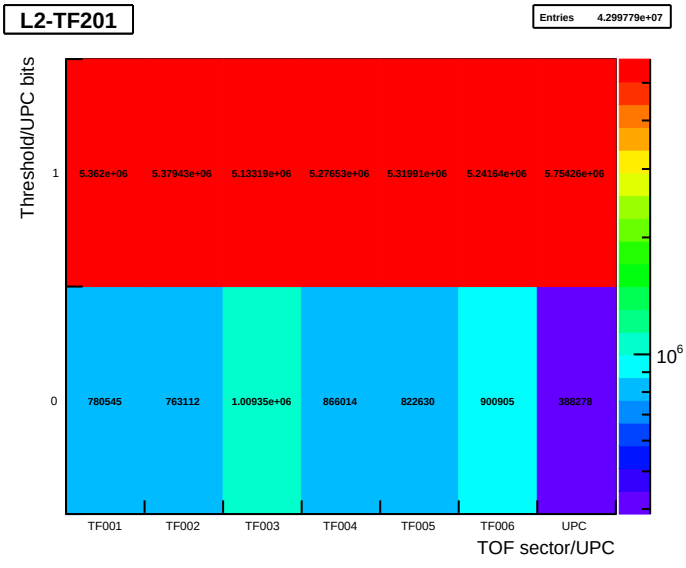

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

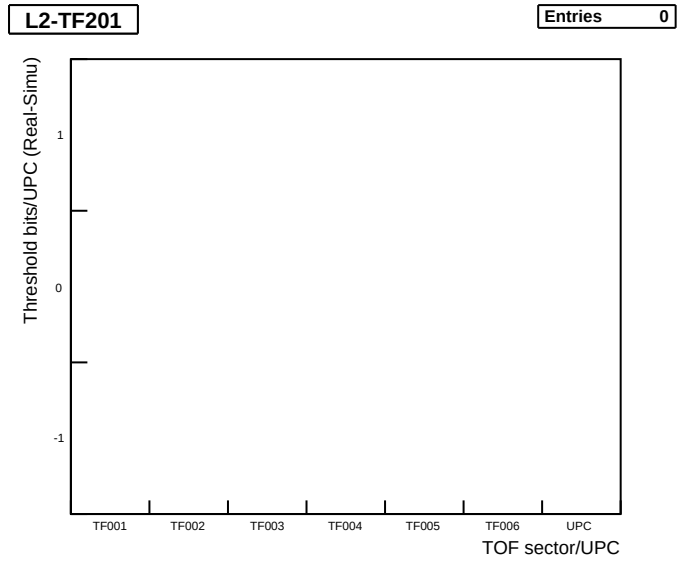

MIX-TF101
Entries 3.685525e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

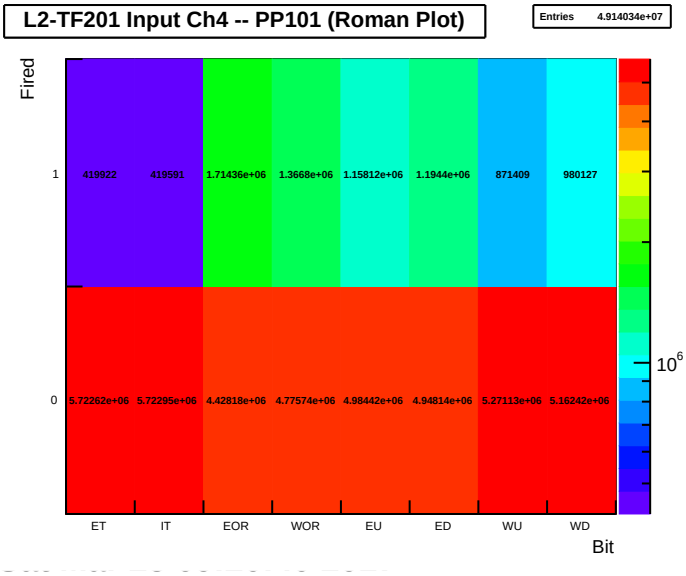

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

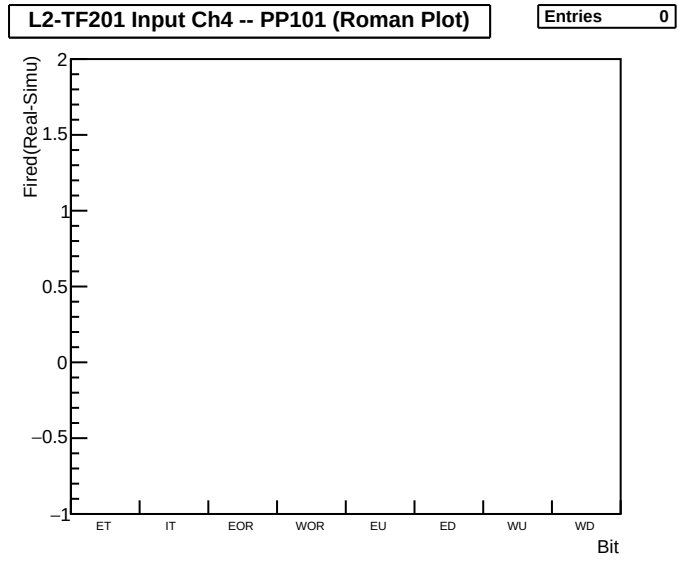

L2-TF201
Entries6142542
TOF total mult

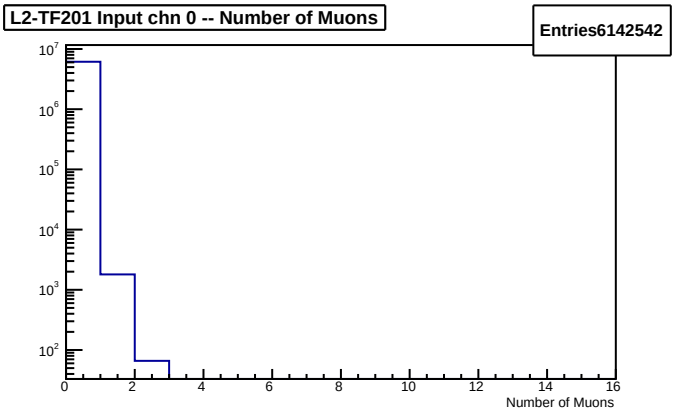

L2-TF201
Entries 0
TOF total mult(Real-Simu)

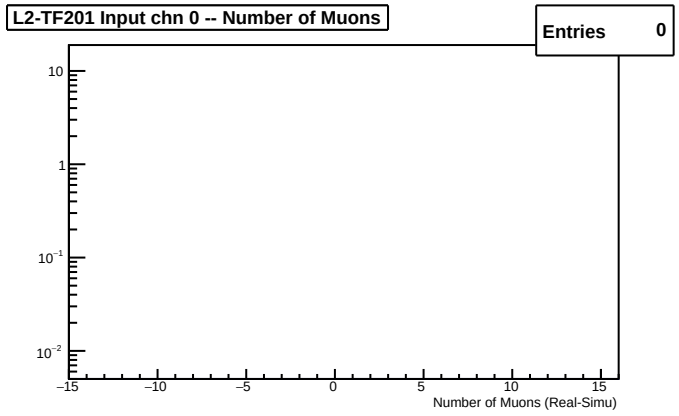

L2-TF201
Entries 4.299779e+07
Threshold/UPC bits
5.362e+06
5.37943e+06
5.13319e+06
5.27653e+06
5.31991e+06
5.24164e+06
5.75426e+06
780545
763112
1.00935e+06
866014
822630
900905
388278
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

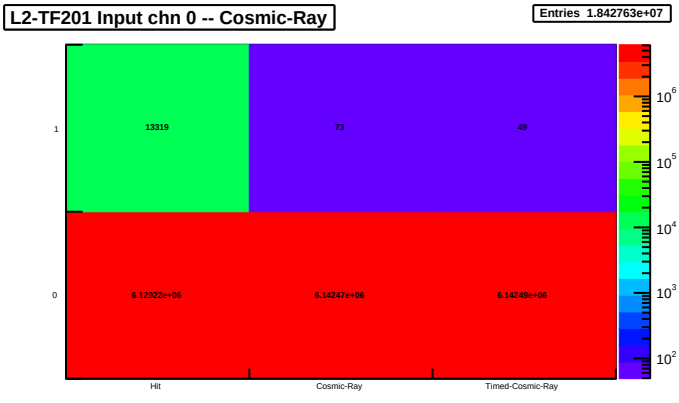

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

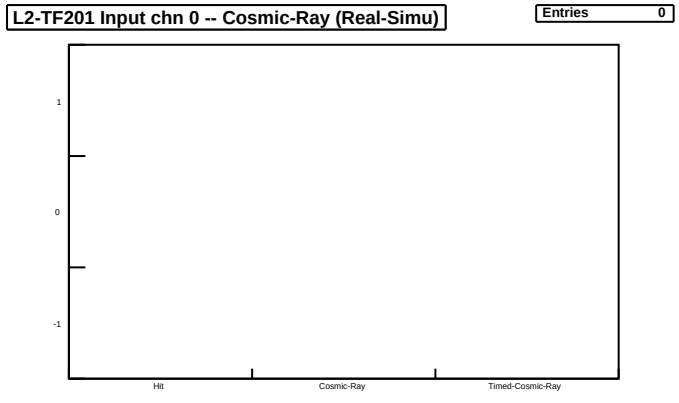

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.914034e+07
Fired
419922
419591
1.71436e+06
1.3668e+06
1.15812e+06
1.1944e+06
871409
980127
5.72262e+06
5.72295e+06
4.42818e+06
4.77574e+06
4.98442e+06
4.94814e+06
5.27113e+06
5.16242e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

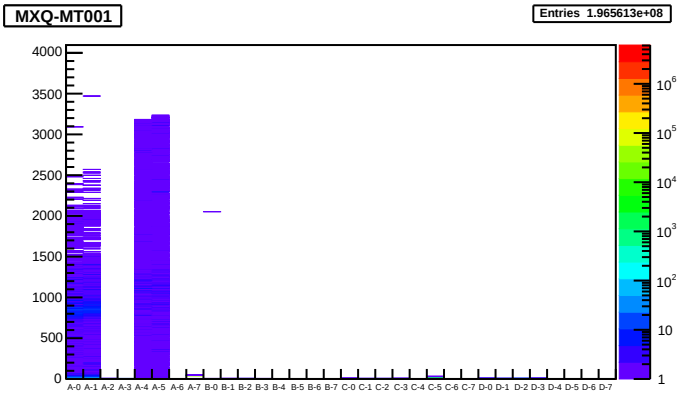

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

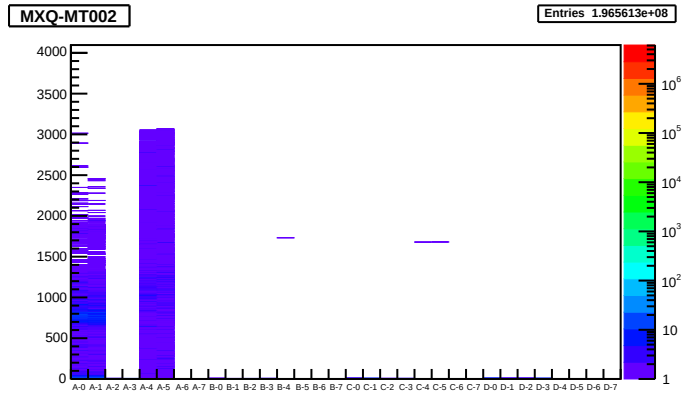

L2-TF201 Input chn 0 -- Number of Muons
Entries6142542
Number of Muons

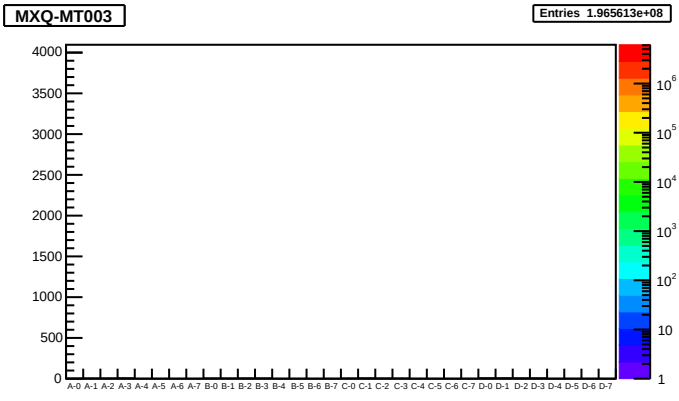

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

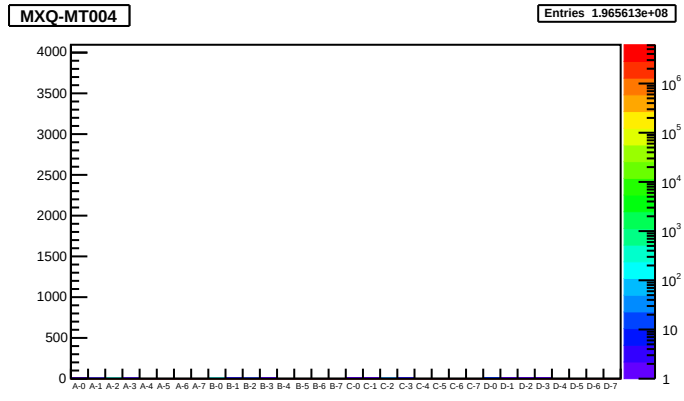

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.842763e+07
13319
73
49
6.12922e+06
6.14247e+06
6.14249e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

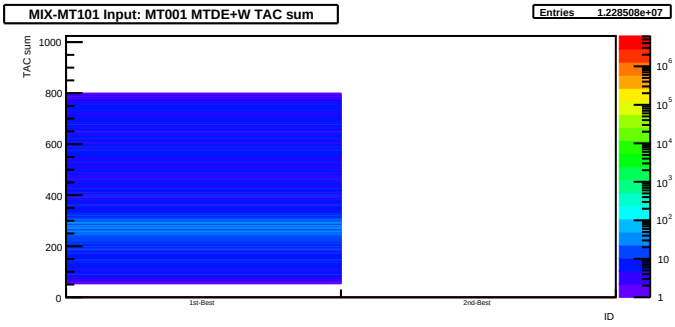

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

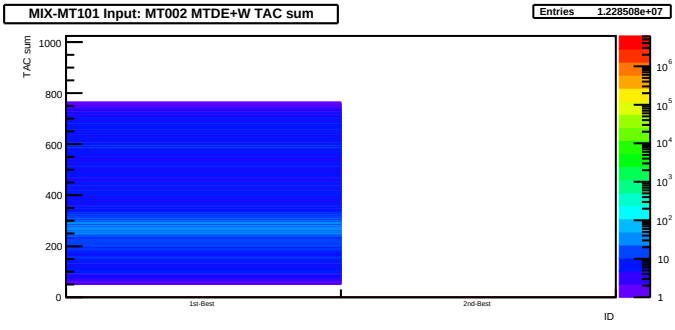

MXQ-MT001
Entries 1.965613e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

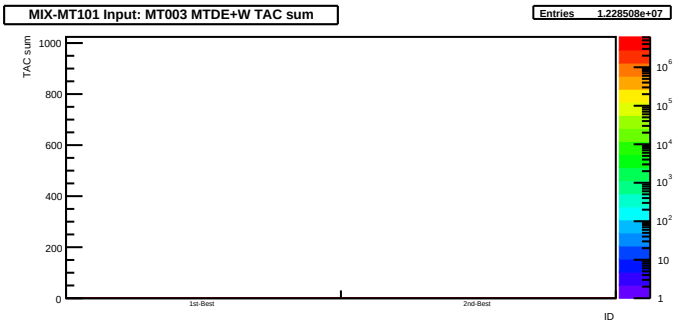

MXQ-MT002
Entries 1.965613e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

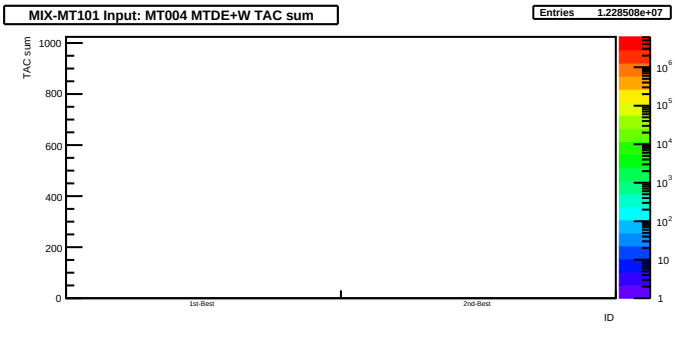

MXQ-MT003
Entries 1.965613e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

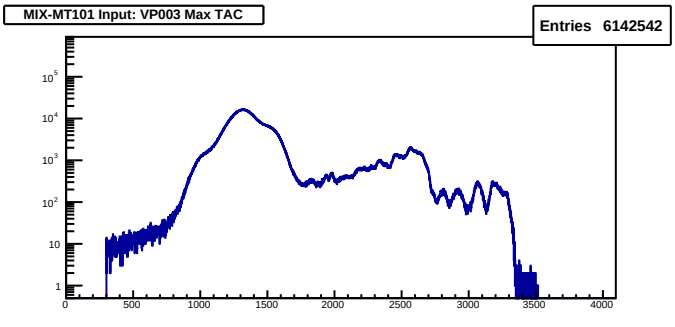

MXQ-MT004
Entries 1.965613e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

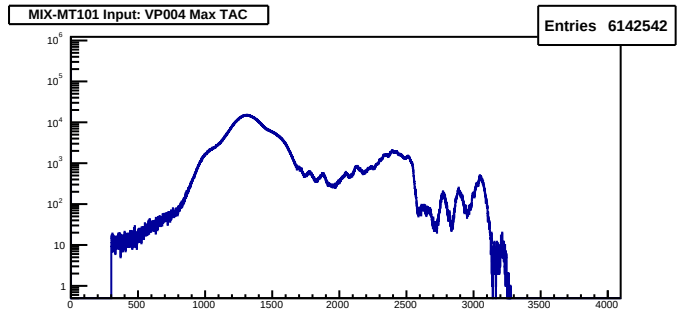

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.228508e+07
TAC sum
1st-Best
2nd-Best
ID

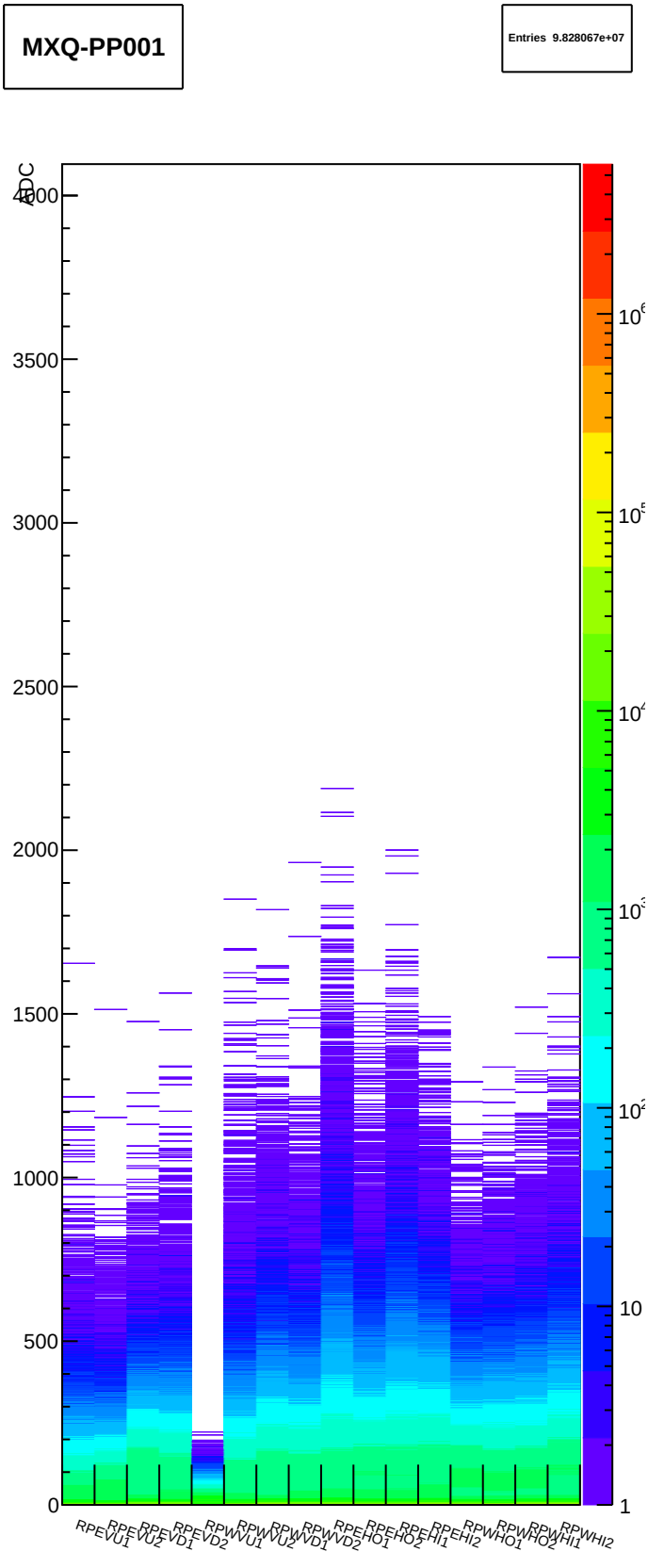

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.228508e+07
TAC sum
1st-Best
2nd-Best
ID

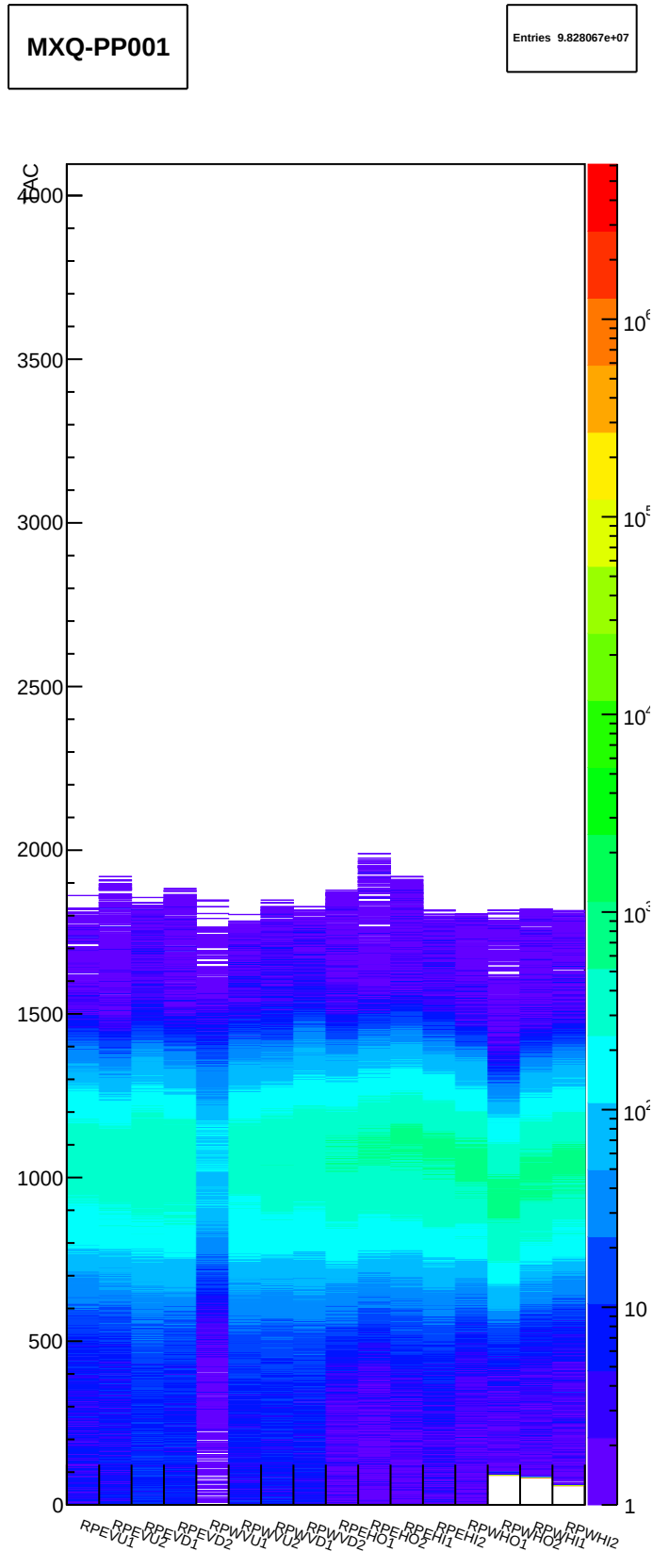

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.228508e+07
TAC sum
1st-Best
2nd-Best
ID

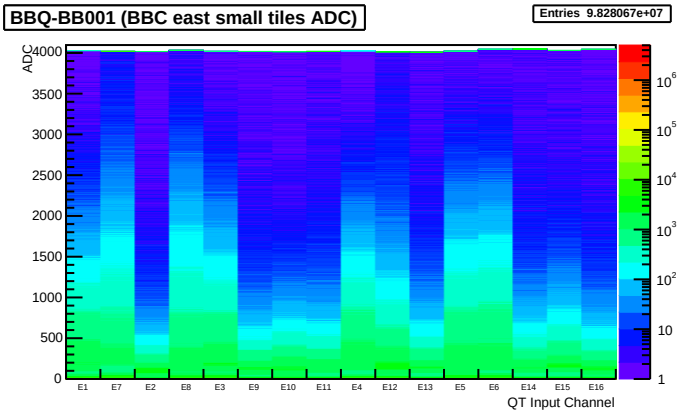

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.228508e+07
TAC sum
1st-Best
2nd-Best
ID

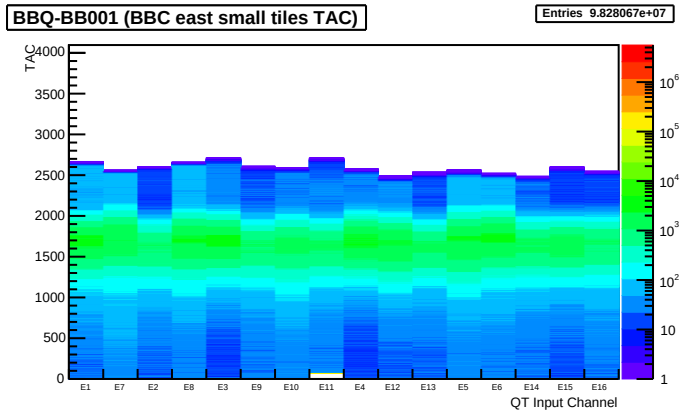

MIX-MT101 Input: VP003 Max TAC
Entries 6142542

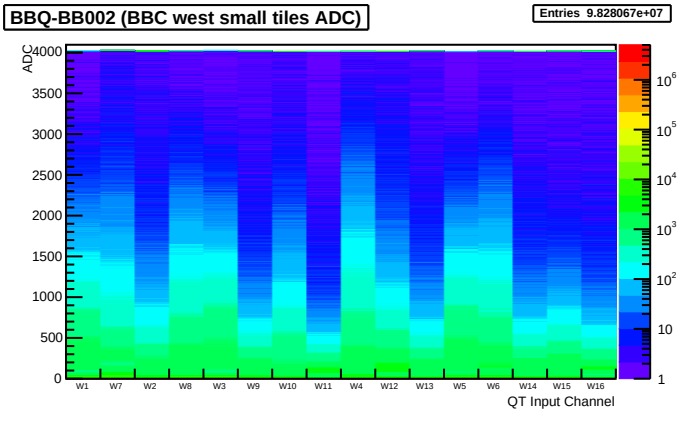

MIX-MT101 Input: VP004 Max TAC
Entries 6142542

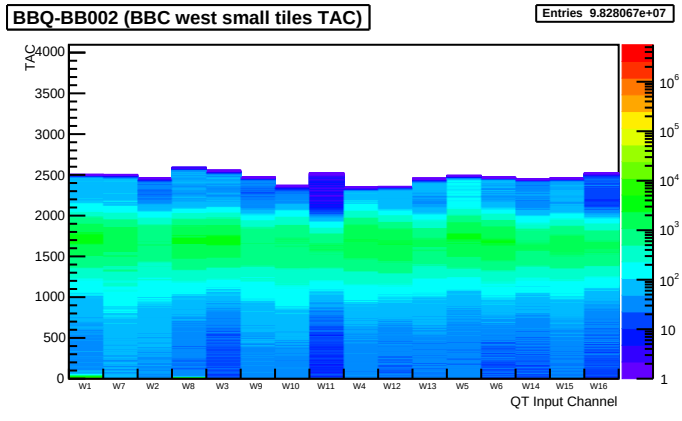

MXQ-PP001
Entries 9.828067e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

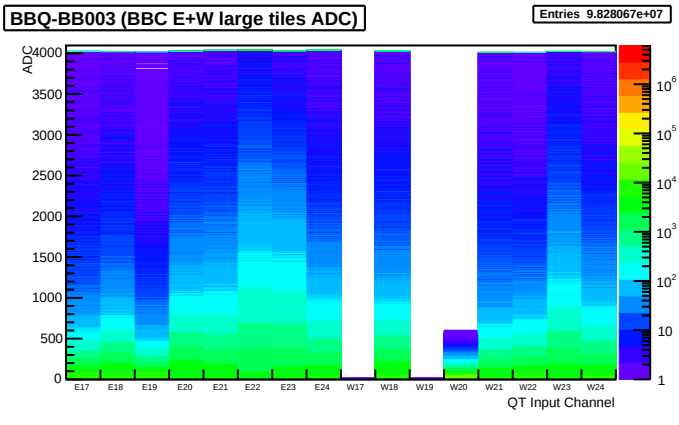

MXQ-PP001
Entries 9.828067e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

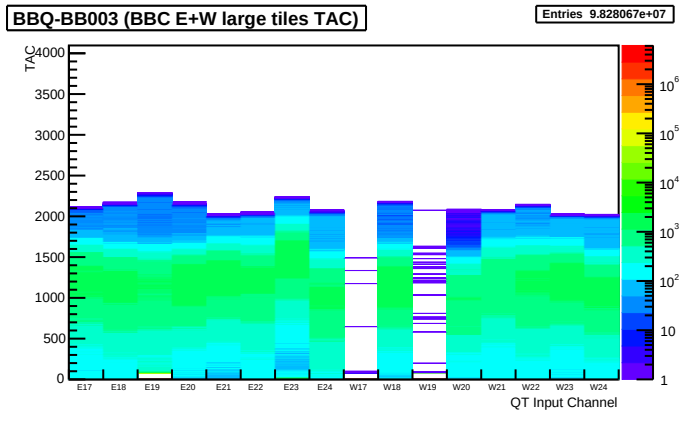

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.828067e+07
ADC
QT Input Channel

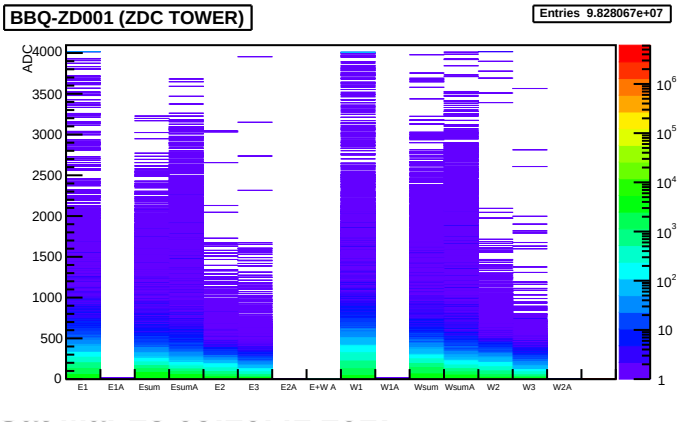

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.828067e+07
TAC
QT Input Channel

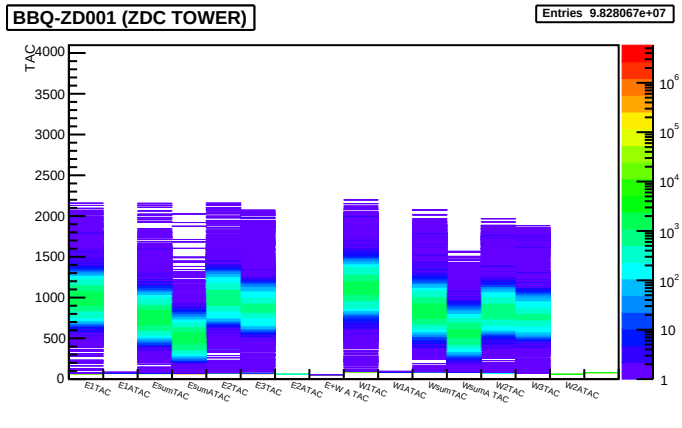

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.828067e+07
ADC
QT Input Channel

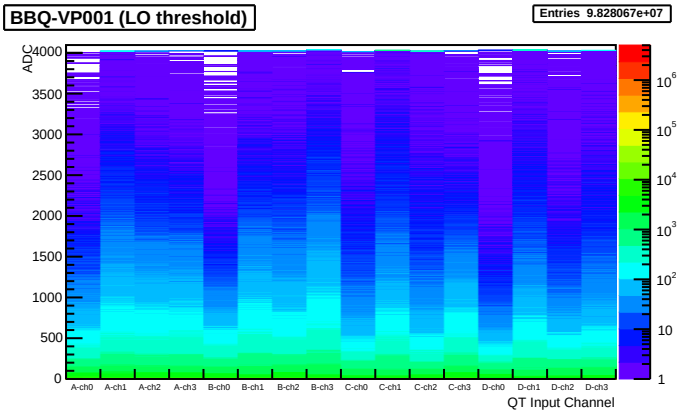

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.828067e+07
TAC
QT Input Channel

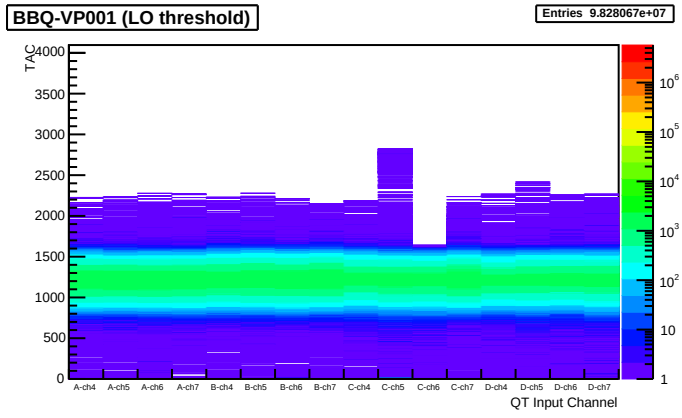

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.828067e+07
ADC
QT Input Channel

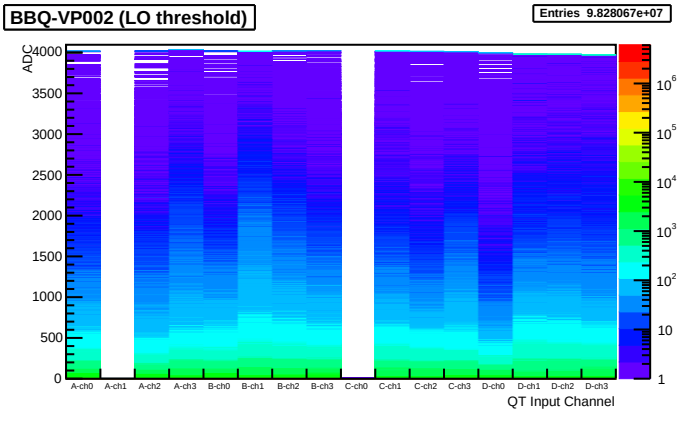

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.828067e+07
TAC
QT Input Channel

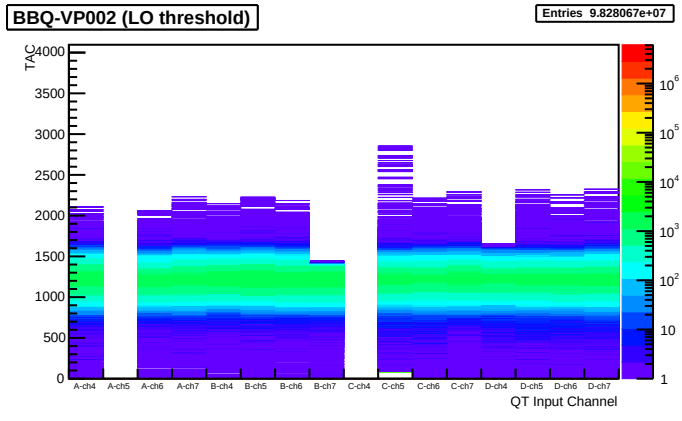

BBQ-ZD001 (ZDC TOWER)
Entries 9.828067e+07
ADC

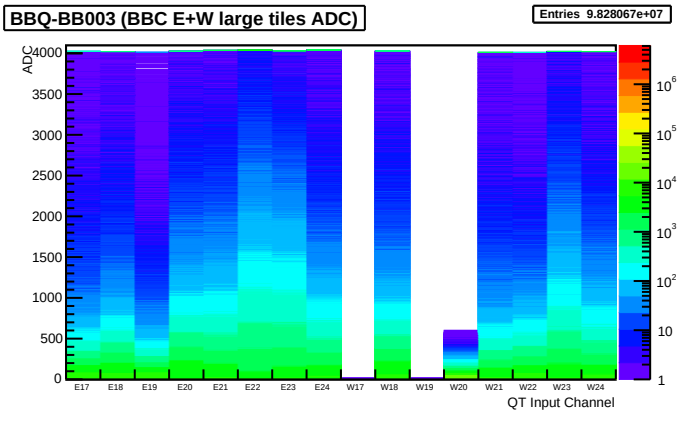

BBQ-ZD001 (ZDC TOWER)
Entries 9.828067e+07
TAC

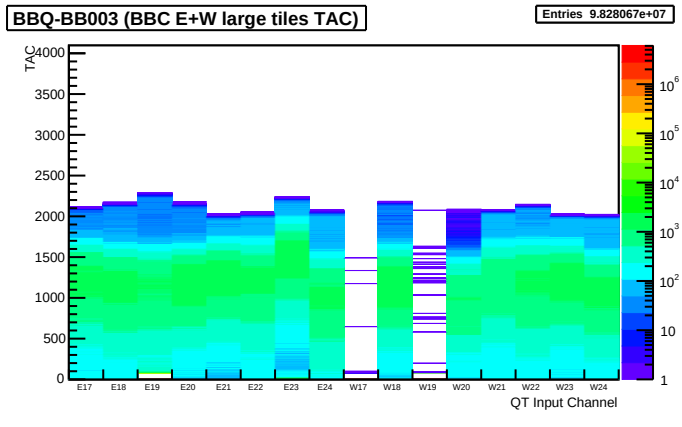

BBQ-VP001 (LO threshold)
Entries 9.828067e+07
ADC
QT Input Channel

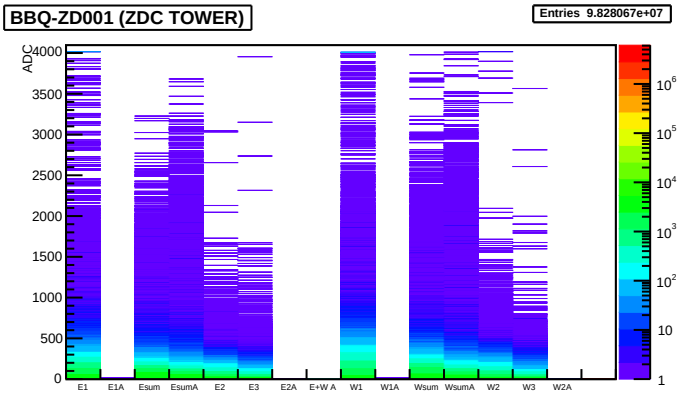

BBQ-VP001 (LO threshold)
Entries 9.828067e+07
TAC
QT Input Channel

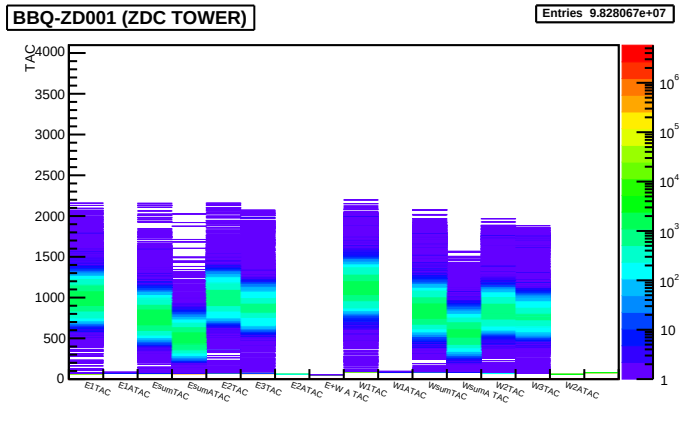

BBQ-VP002 (LO threshold)
Entries 9.828067e+07
ADC
QT Input Channel

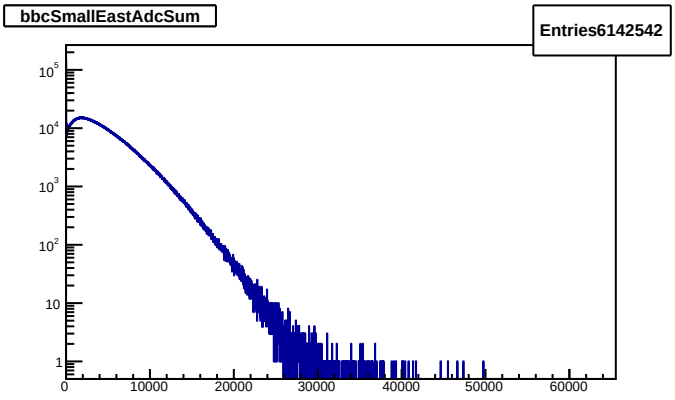

BBQ-VP002 (LO threshold)
Entries 9.828067e+07
TAC
QT Input Channel

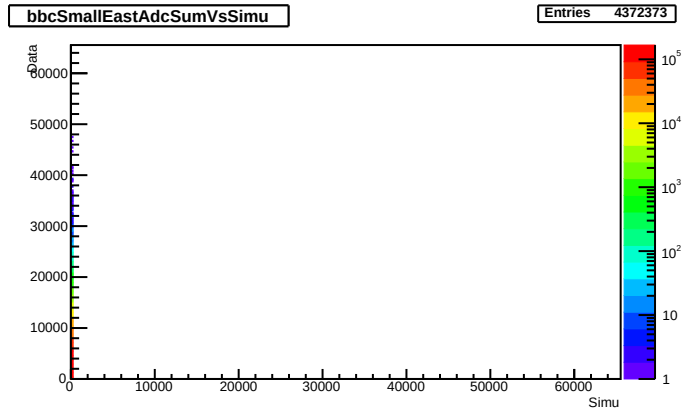

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.828067e+07
ADC
QT Input Channel

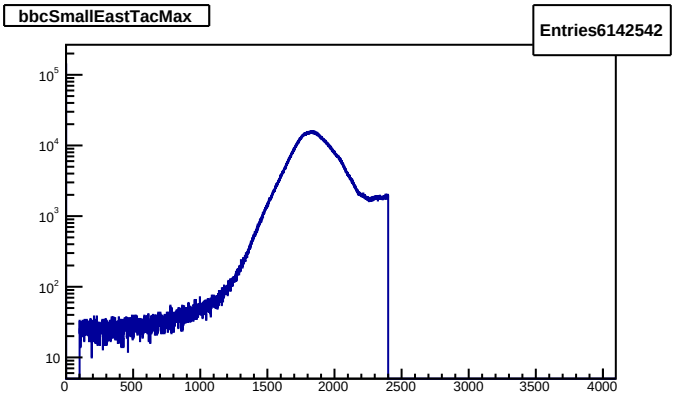

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.828067e+07
TAC
QT Input Channel

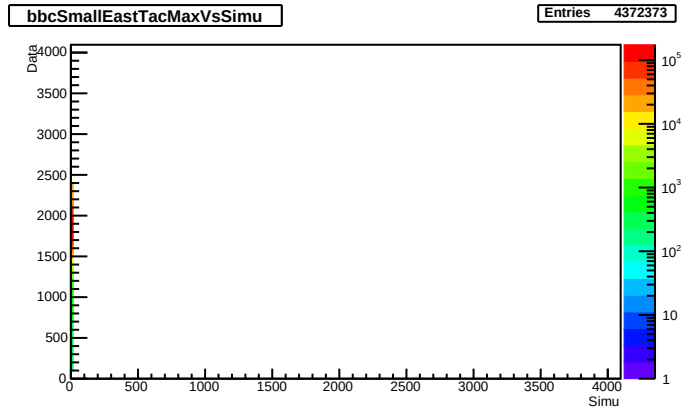

BBQ-ZD001 (ZDC TOWER)
Entries 9.828067e+07
ADC

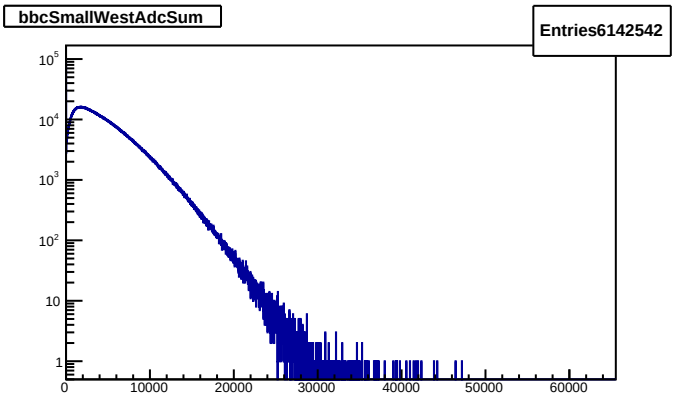

BBQ-ZD001 (ZDC TOWER)
Entries 9.828067e+07
TAC

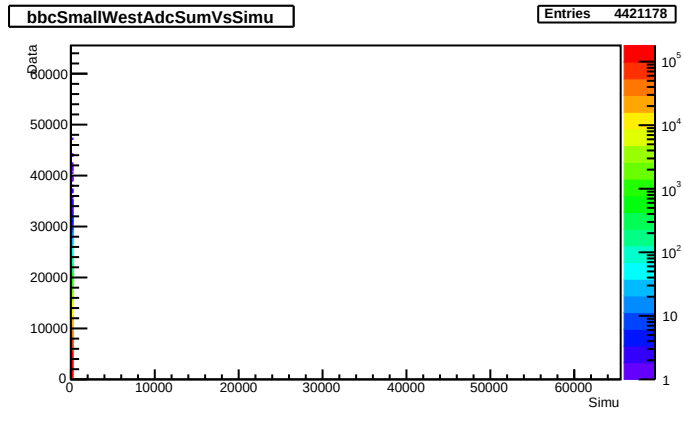

bbcSmallEastAdcSum
Entries6142542

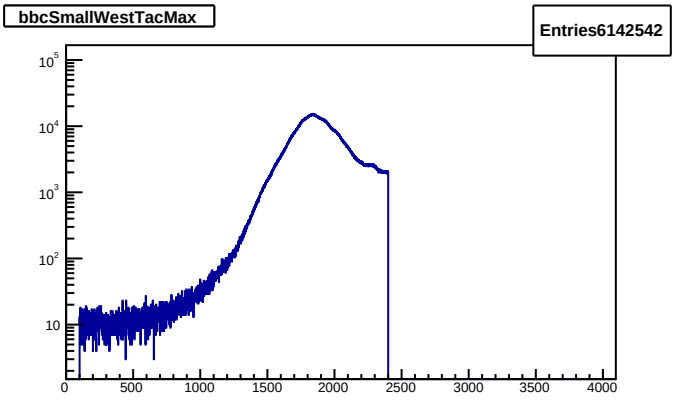

bbcSmallEastAdcSumVsSimu
Entries 4372373
Data
Simu

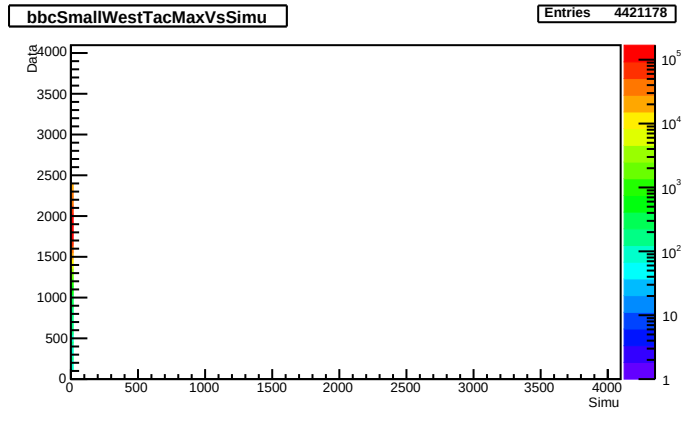

bbcSmallEastTacMax
Entries6142542

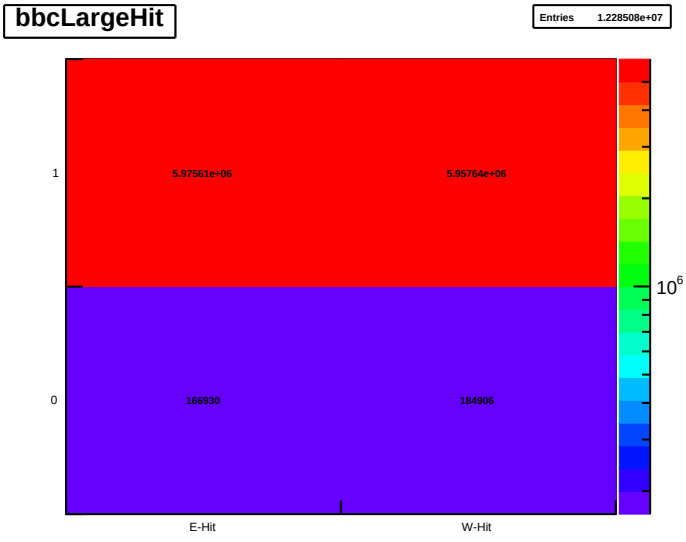

bbcSmallEastTacMaxVsSimu
Entries 4372373
Data
Simu

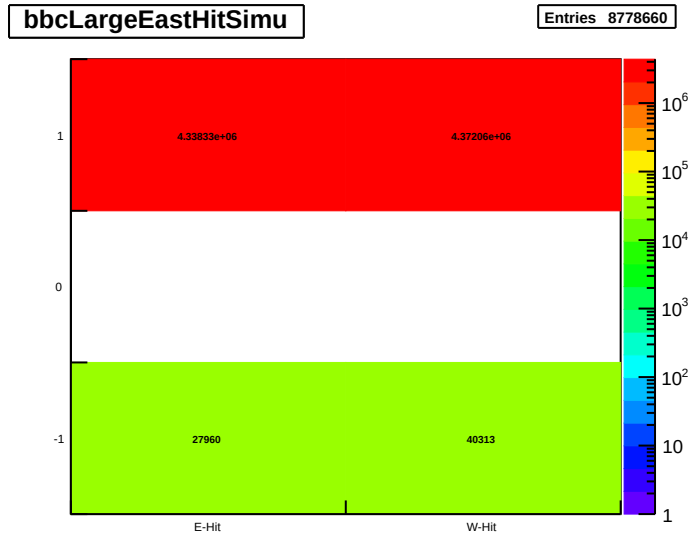

bbcSmallWestAdcSum
Entries6142542

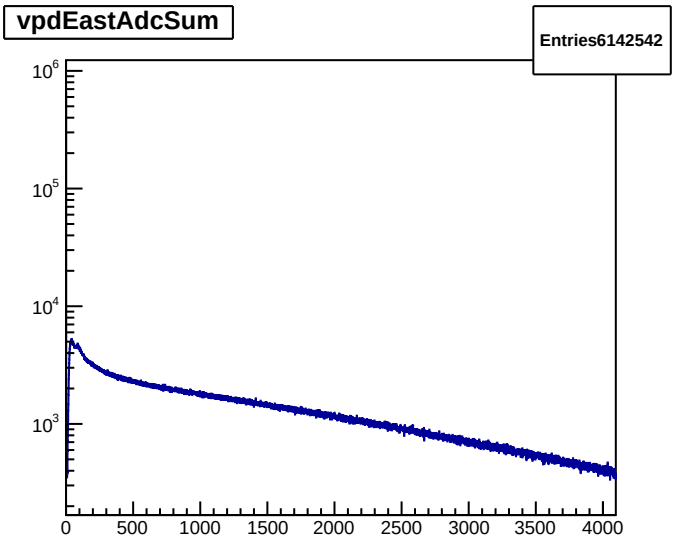

bbcSmallWestAdcSumVsSimu
Entries 4421178
Data
Simu

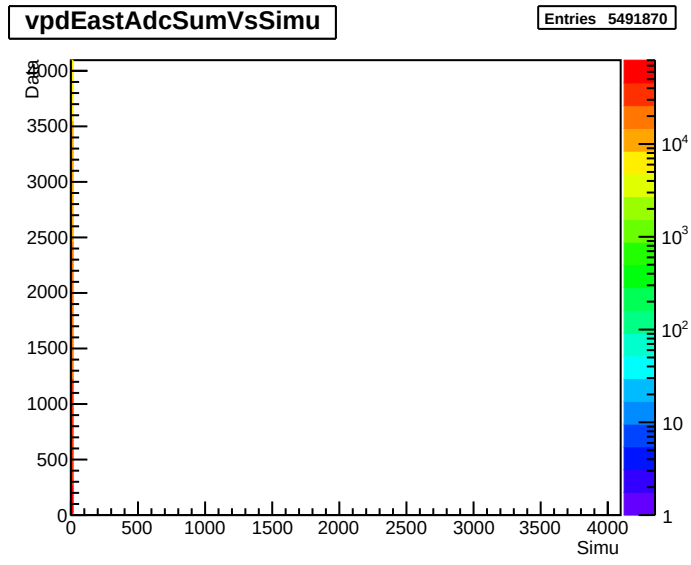

bbcSmallWestTacMax
Entries6142542

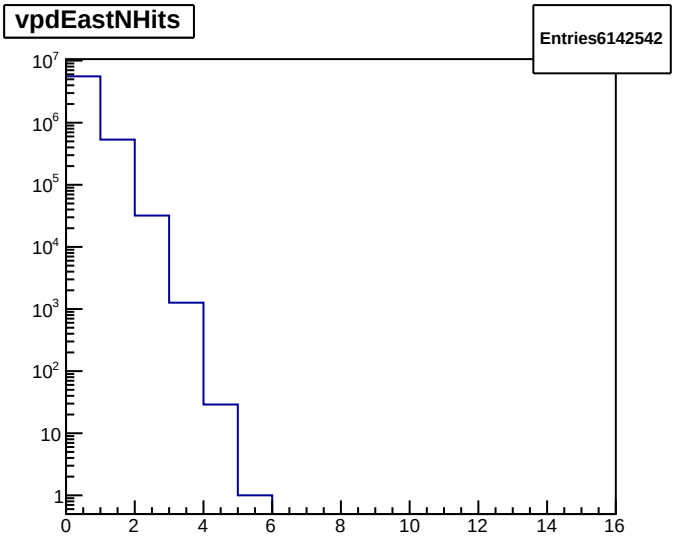

bbcSmallWestTacMaxVsSimu
Entries 4421178
Data
Simu

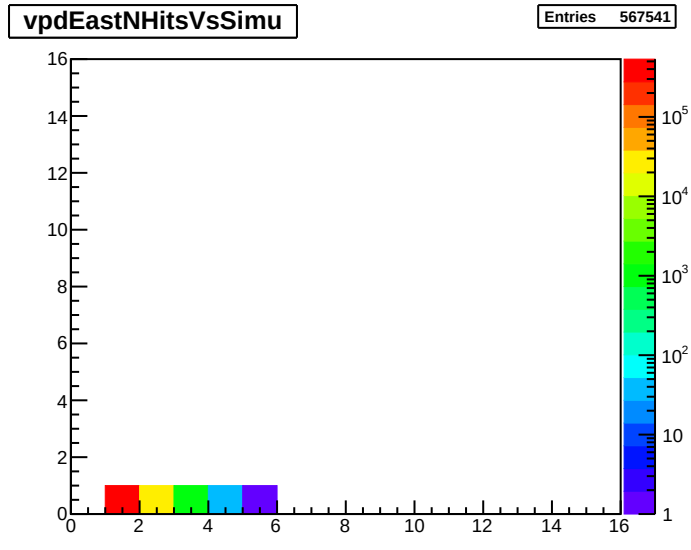

bbcLargeHit
Entries 1.228508e+07
1
0
5.97561e+06
5.95764e+06
166930
184906
E-Hit
W-Hit
10^6

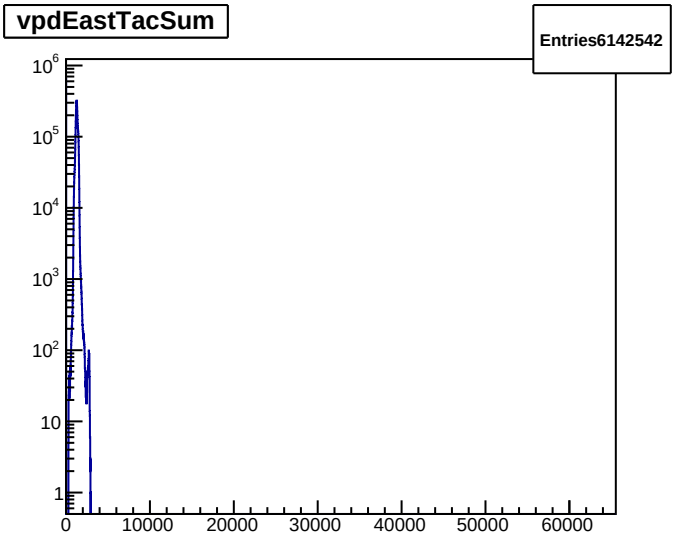

bbcLargeEastHitSimu
Entries 8778660
1
0
-1
4.33833e+06
4.37206e+06
27960
40313
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

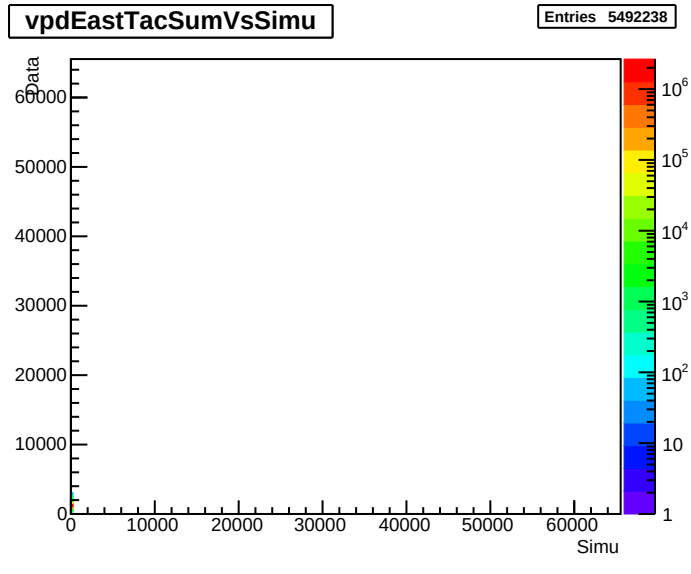

vpdEastAdcSum
Entries6142542

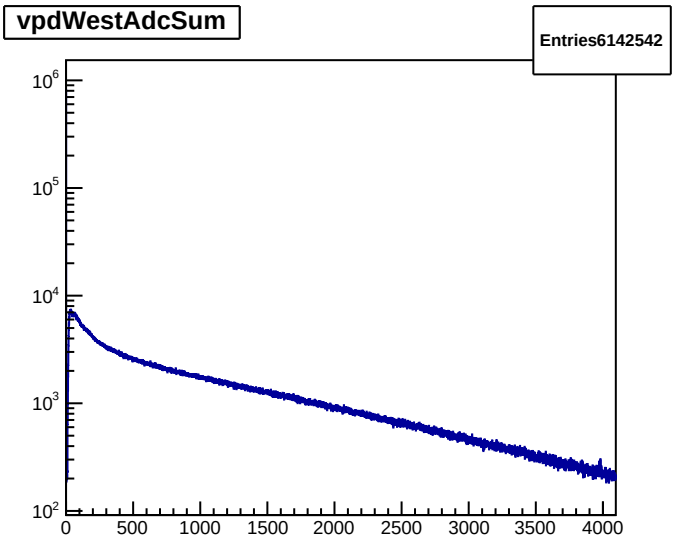

vpdEastAdcSumVsSimu
Entries 5491870
Data
Simu

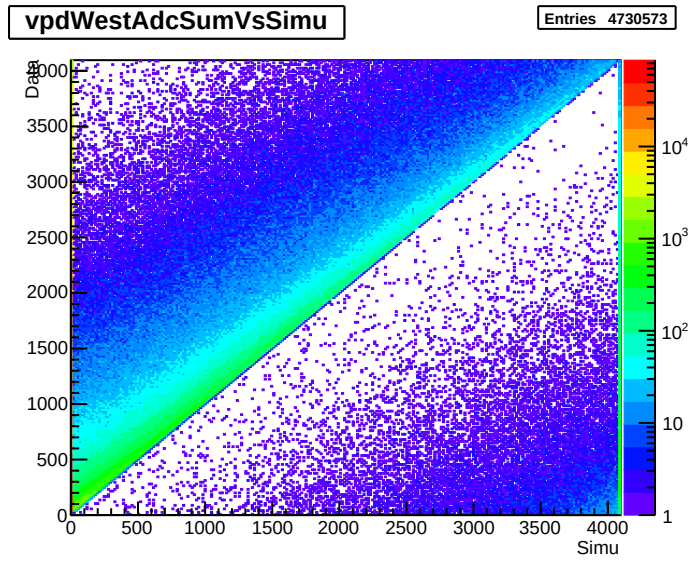

vpdEastNHits
Entries6142542

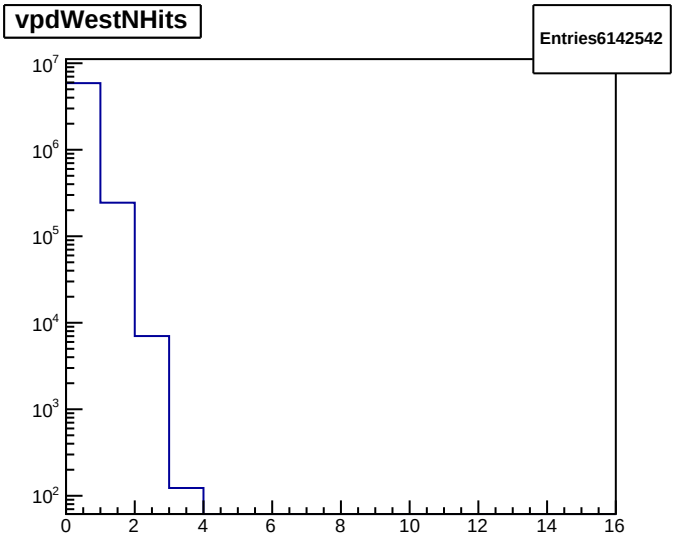

vpdEastNHitsVsSimu
Entries 567541

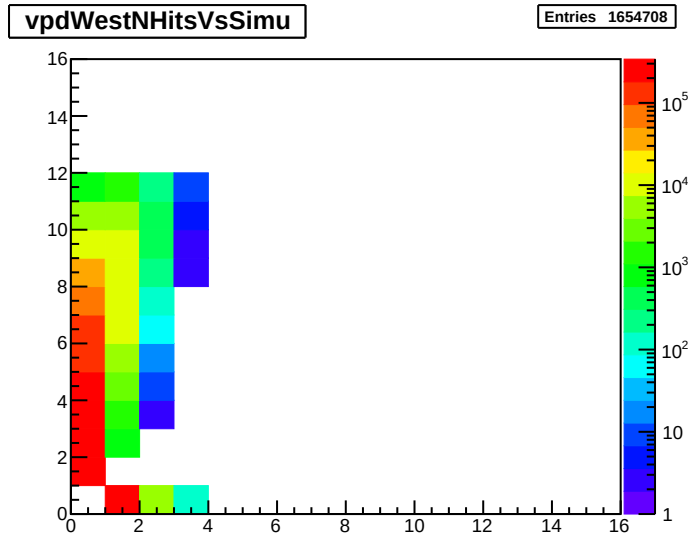

vpdEastTacSum
Entries6142542

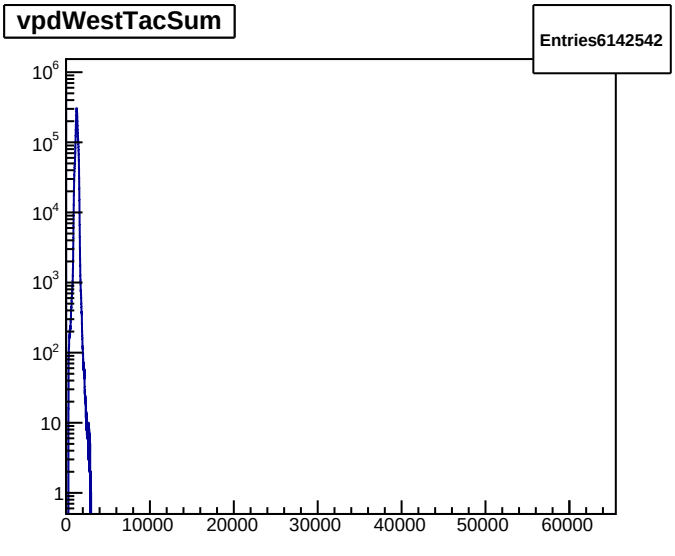

vpdEastTacSumVsSimu
Entries 5492238
Data
Simu

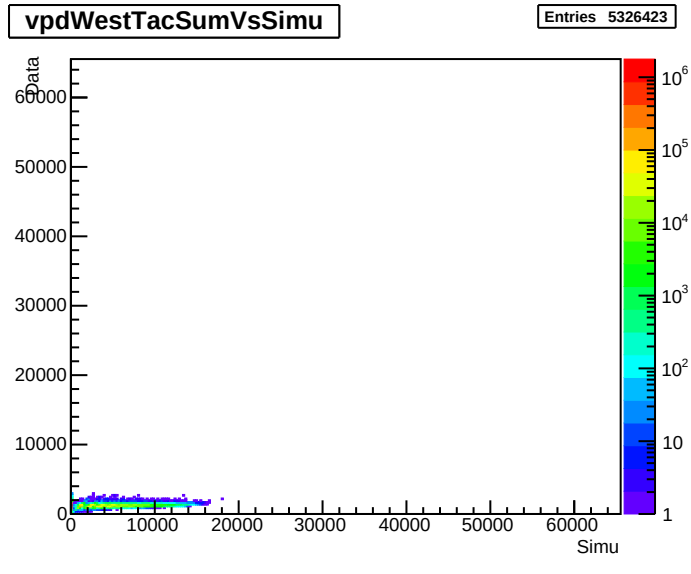

vpdWestAdcSum
Entries6142542

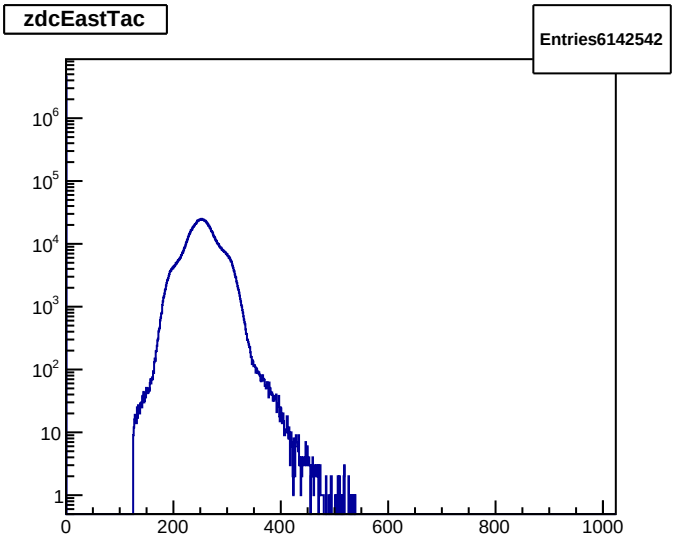

vpdWestAdcSumVsSimu
Entries 4730573
Data
Simu

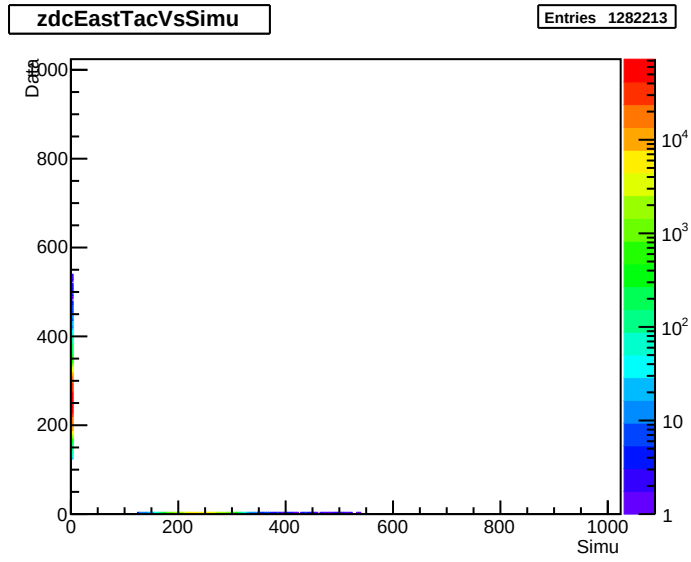

vpdWestNHits
Entries6142542

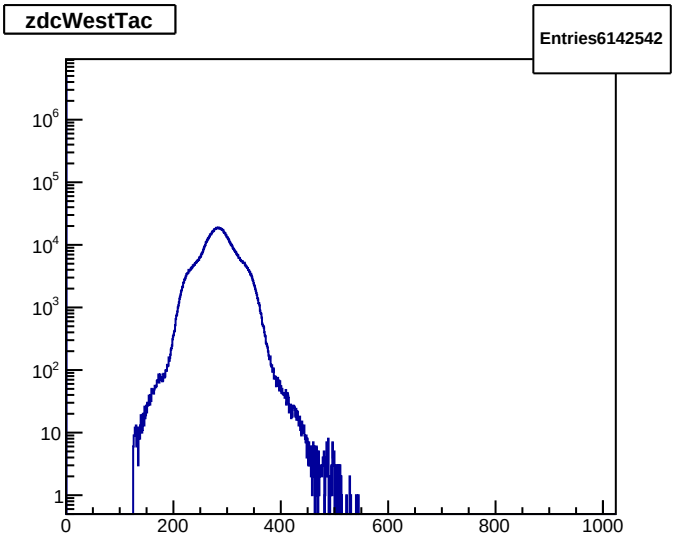

vpdWestNHitsVsSimu
Entries 1654708

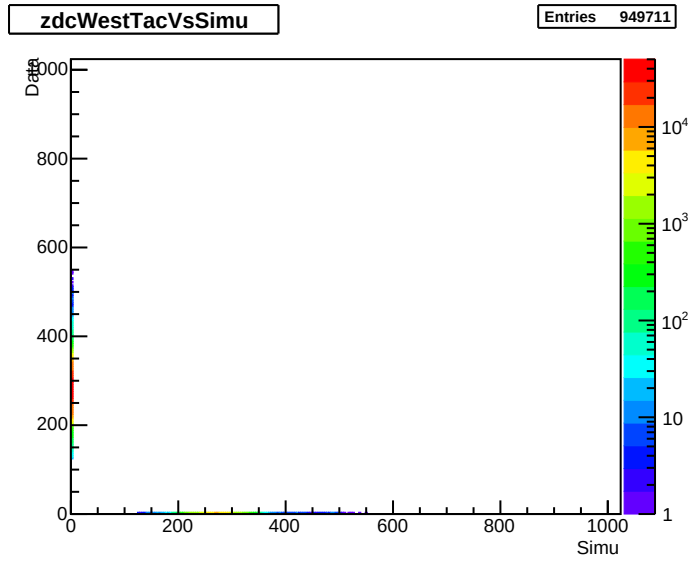

vpdWestTacSum
Entries6142542

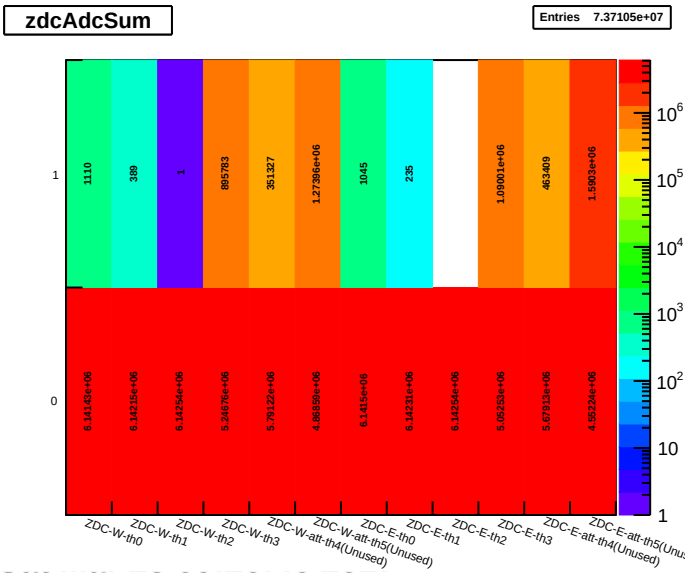

vpdWestTacSumVsSimu
Entries 5326423
Data
Simu

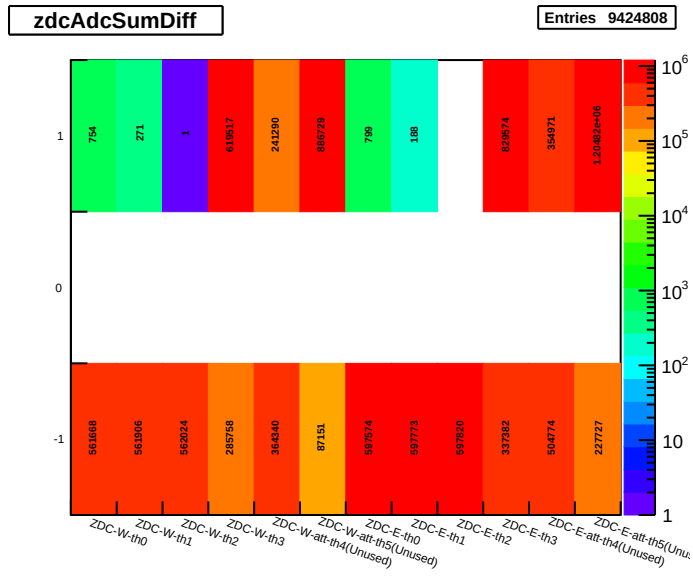

zdcEastTac
Entries6142542

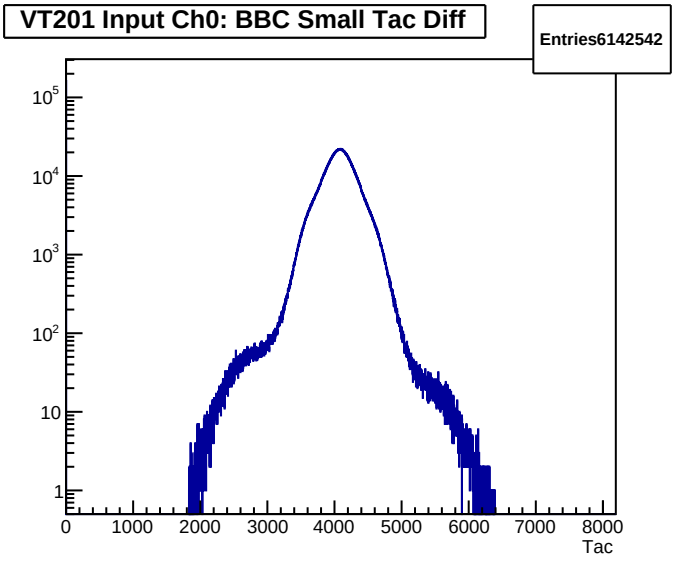

zdcEastTacVsSimu
Entries 1282213
Data
Simu

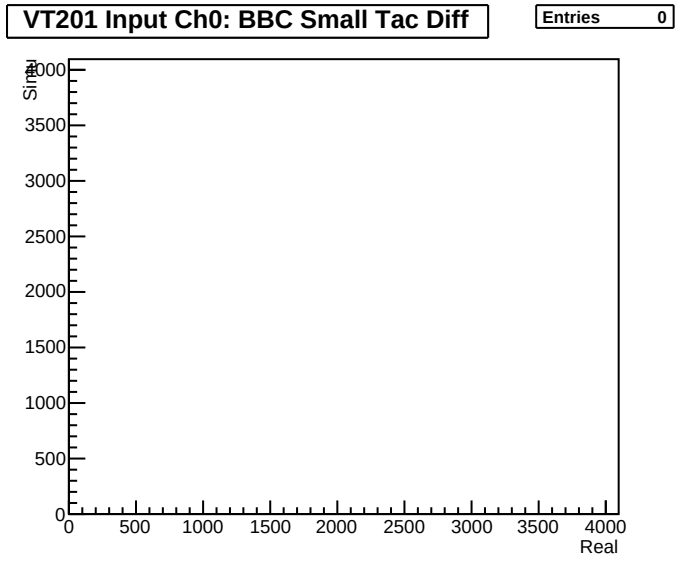

zdcWestTac
Entries6142542

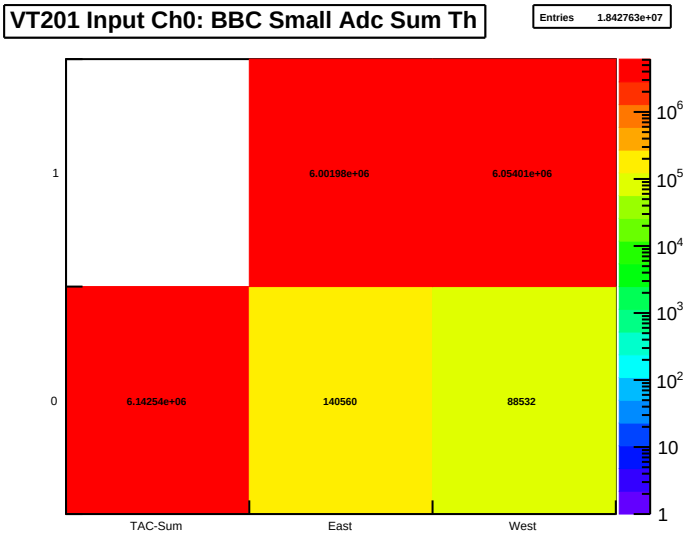

zdcWestTacVsSimu
Entries 949711
Data
Simu

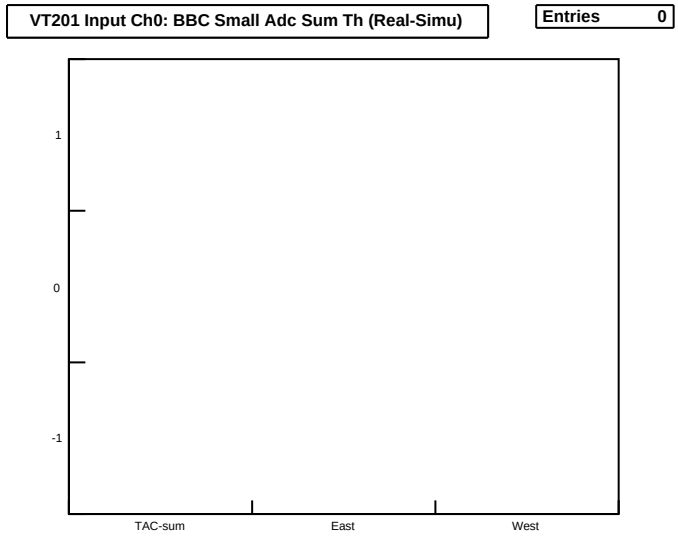

zdcAdcSum
Entries 7.37105e+07
1110
389
1
895783
351327
1.27396e+06
1045
235
1.09001e+06
463409
1.5903e+06
6.14143e+06
6.14215e+06
6.14254e+06
5.24676e+06
5.79122e+06
4.86859e+06
6.1415e+06
6.14231e+06
6.14254e+06
5.06232e+06
5.67913e+06
4.55224e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

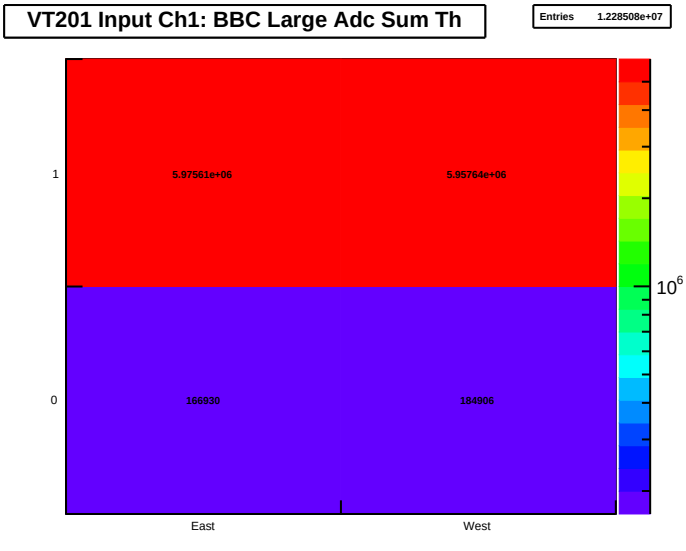

zdcAdcSumDiff
Entries 9424808
754
271
1
619517
241290
886729
799
188
829574
354971
1.20482e+06
561668
561906
562024
285758
364340
87151
597574
597773
597820
337382
504774
227727
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

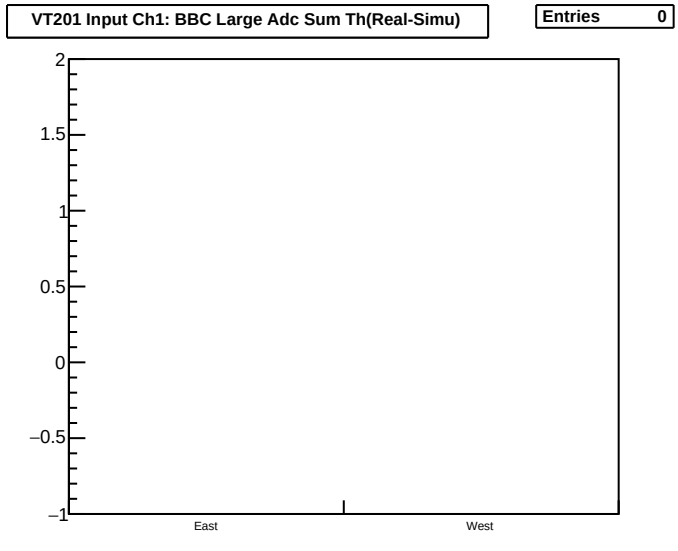

VT201 Input Ch0: BBC Small Tac Diff
Entries6142542
Tac


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

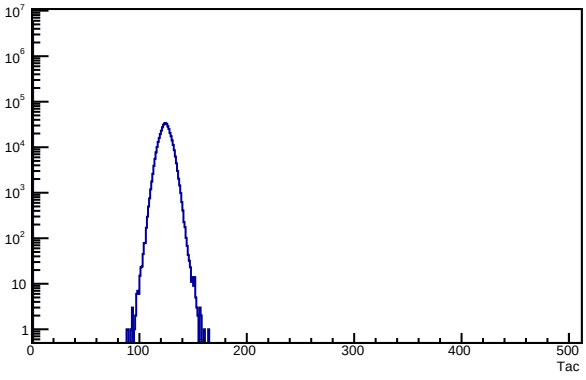

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.842763e+07
6.00198e+06
6.05401e+06
6.14254e+06
140560
88532
TAC-Sum
East
West


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

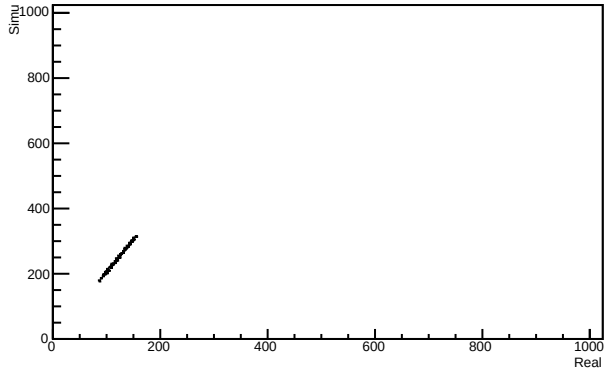

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.228508e+07
5.97561e+06
5.95764e+06
166930
184906
East
West


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

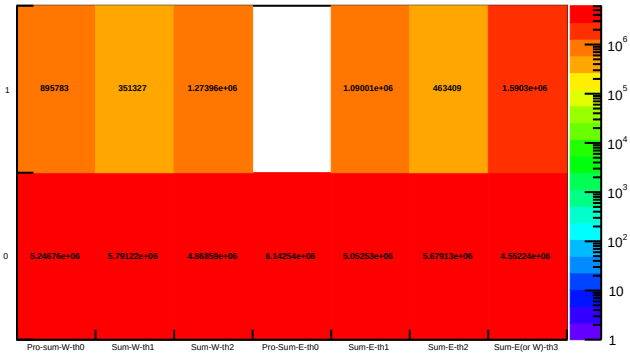
VT201 Input Ch2: ZDC Tac Diff



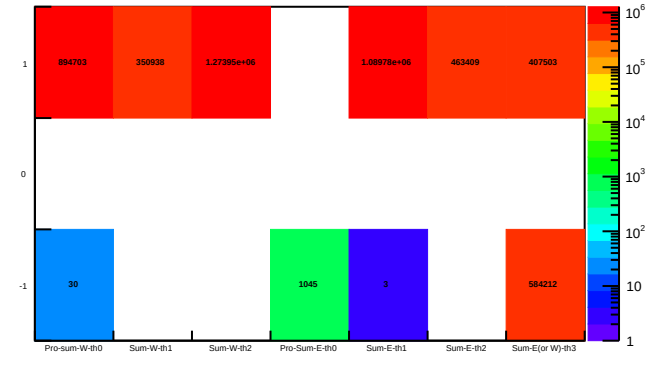
VT201 Input Ch2: ZDC Tac Diff



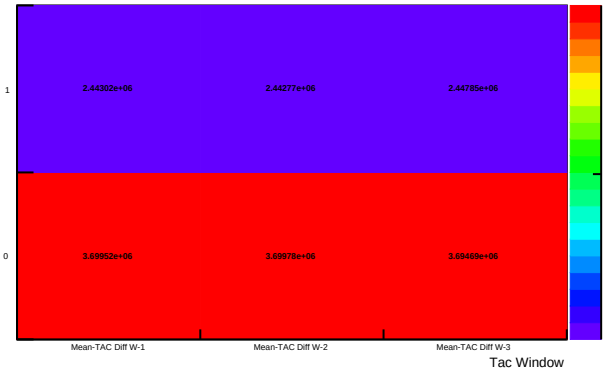
VT201 Input Ch2: ZDC Adc Sum Th



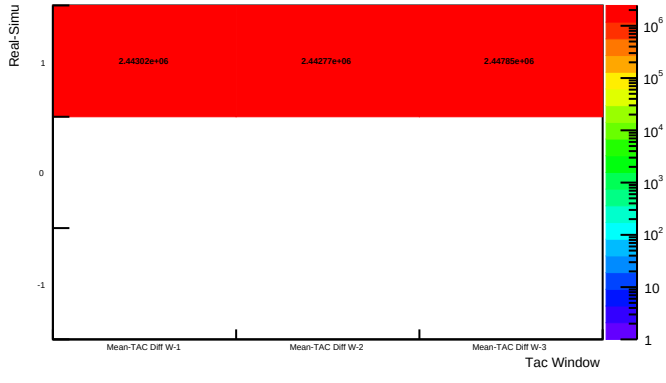
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



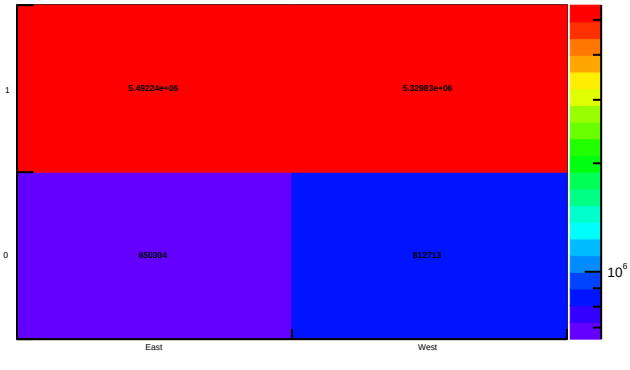
VT201 Input Ch4: VPD Tac Diff



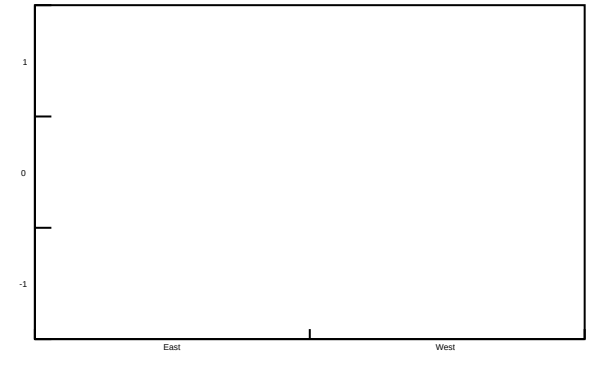
VT201 Input Ch4: VPD Tac Diff

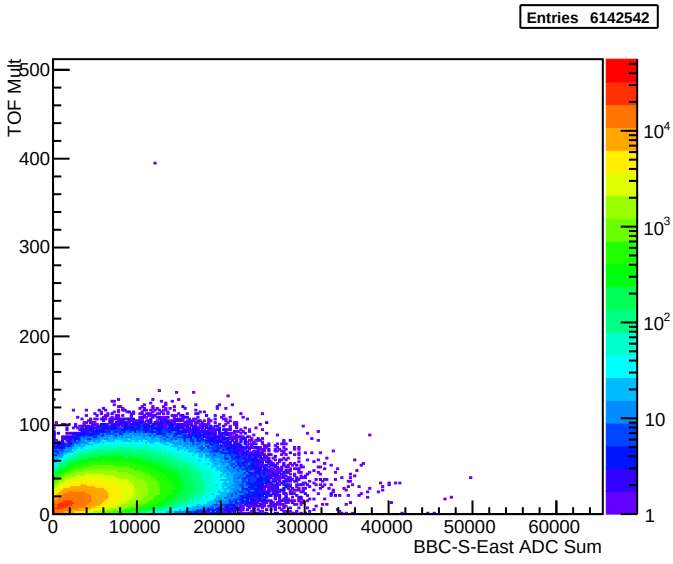


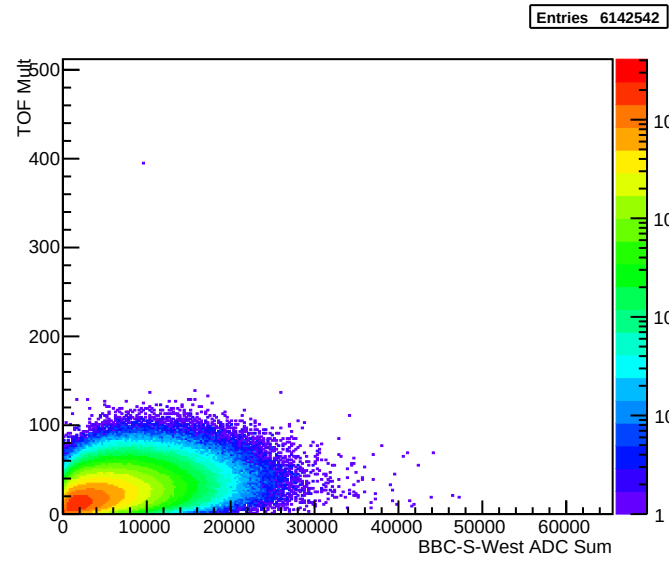
VT201 Input Ch4: VPD Adc Sum Th

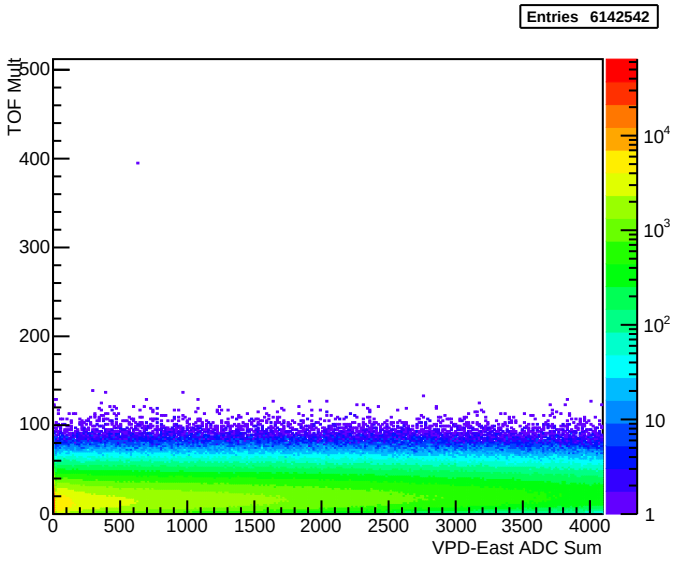


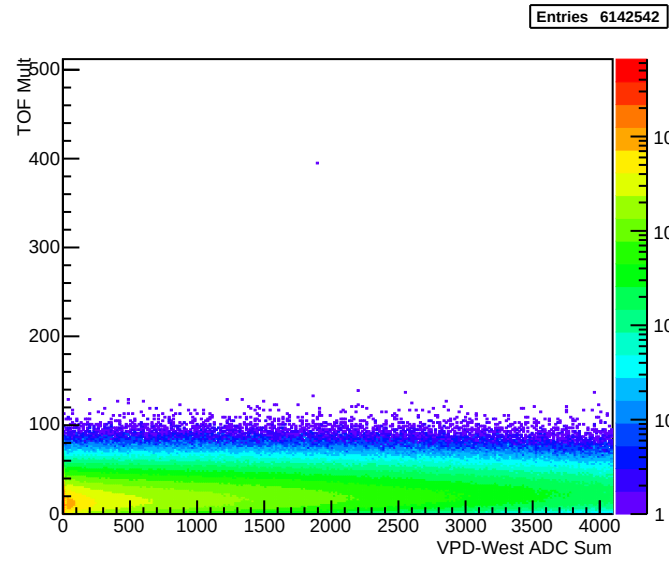
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

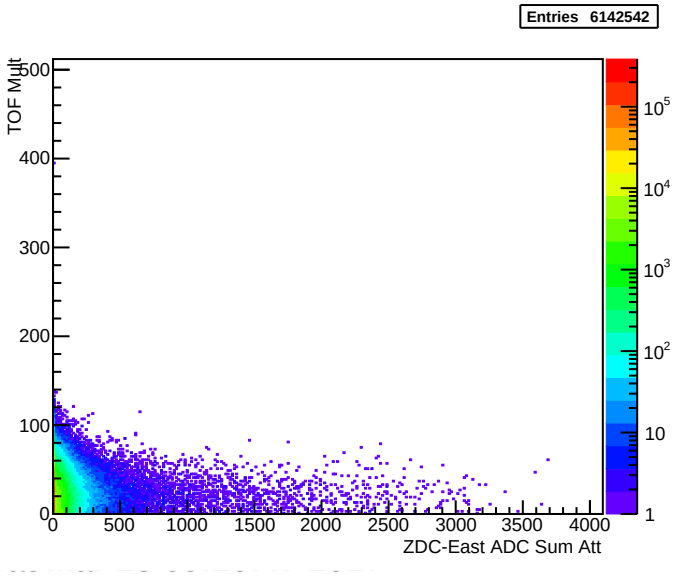


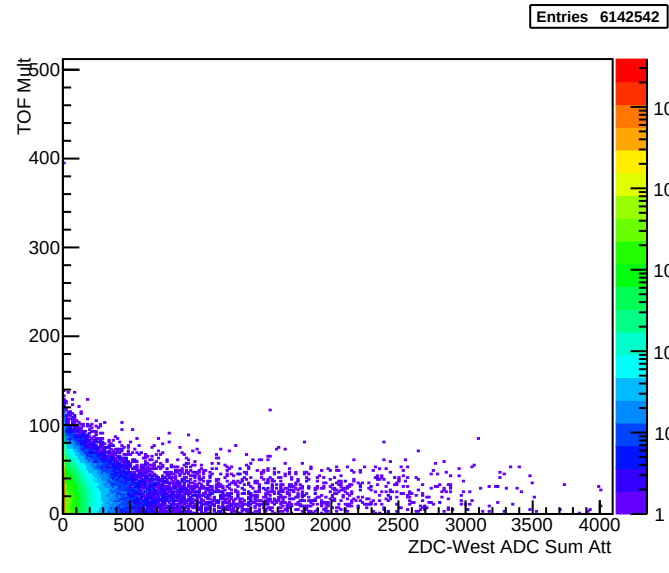

Entries 6142542
TOF Mult
BBC-S-East ADC Sum

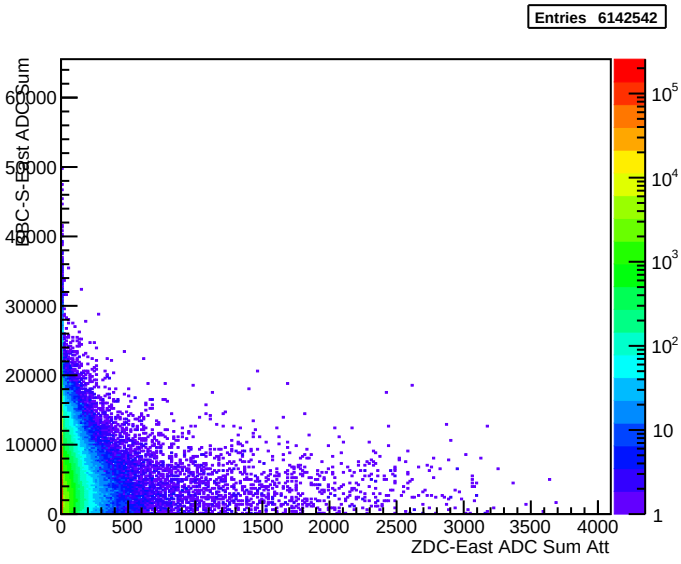

Entries 6142542
TOF Mult
BBC-S-West ADC Sum

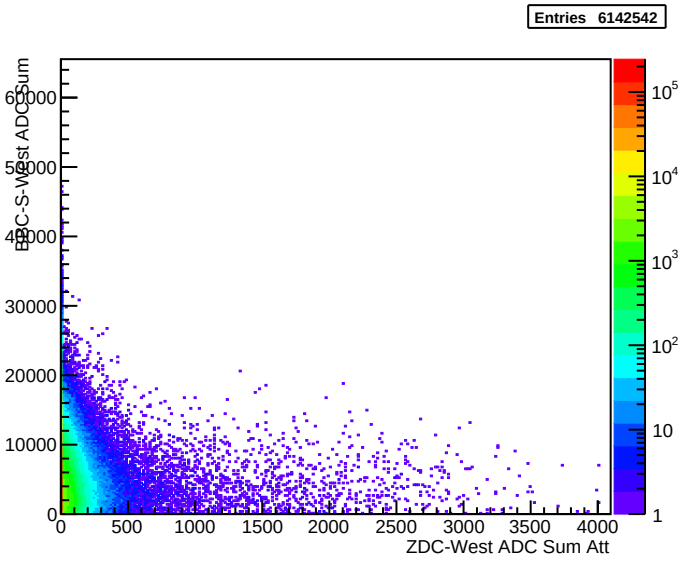

Entries 6142542
TOF Mult
VPD-East ADC Sum

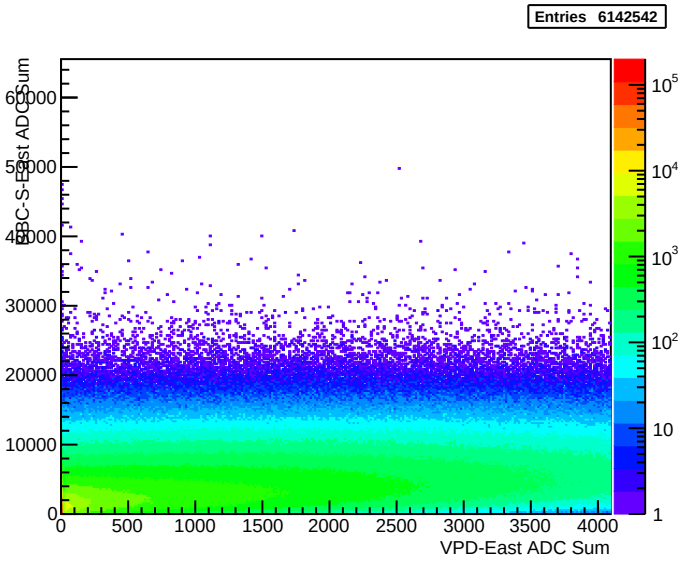

Entries 6142542
TOF Mult
VPD-West ADC Sum

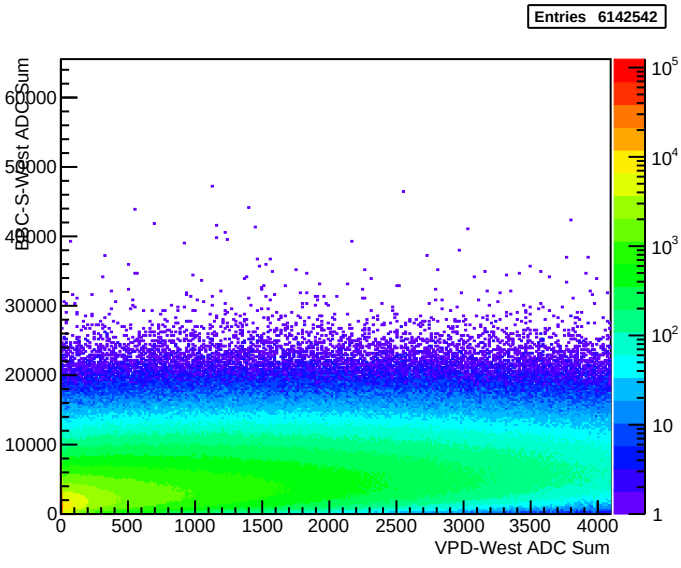

Entries 6142542
TOF Mult
ZDC-East ADC Sum Att

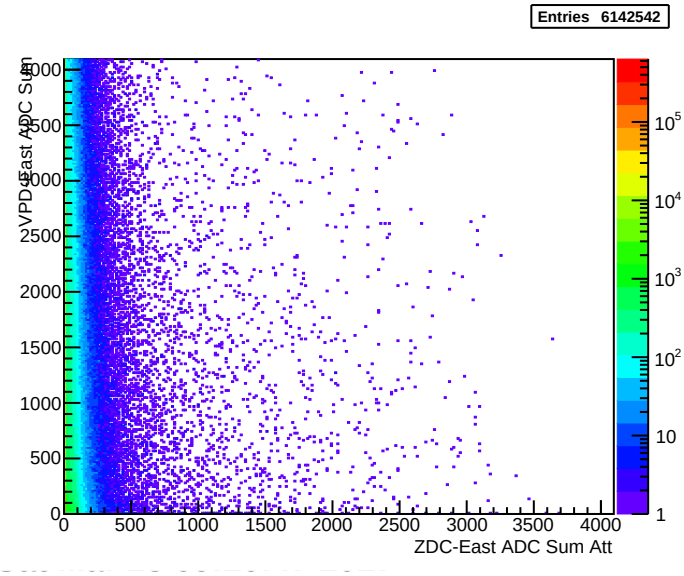

Entries 6142542
TOF Mult
ZDC-West ADC Sum Att

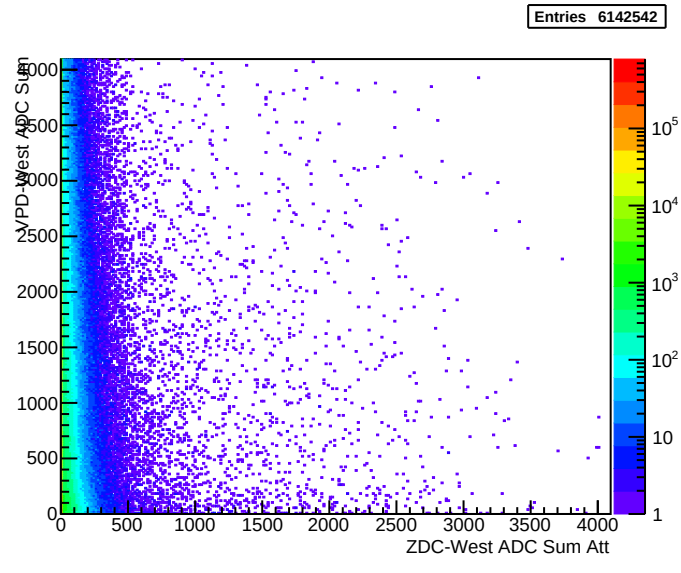

Entries 6142542
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

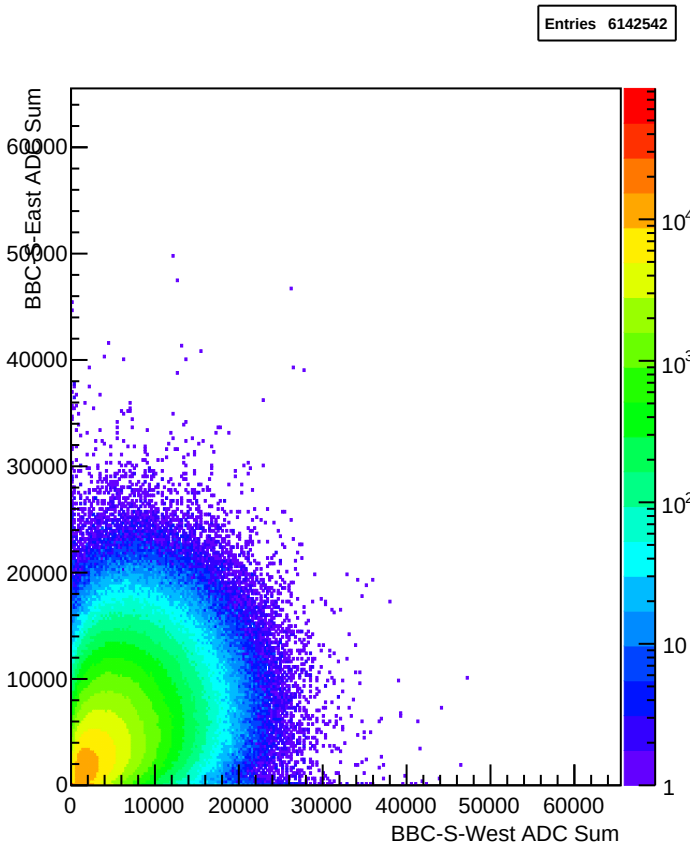

Entries 6142542
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

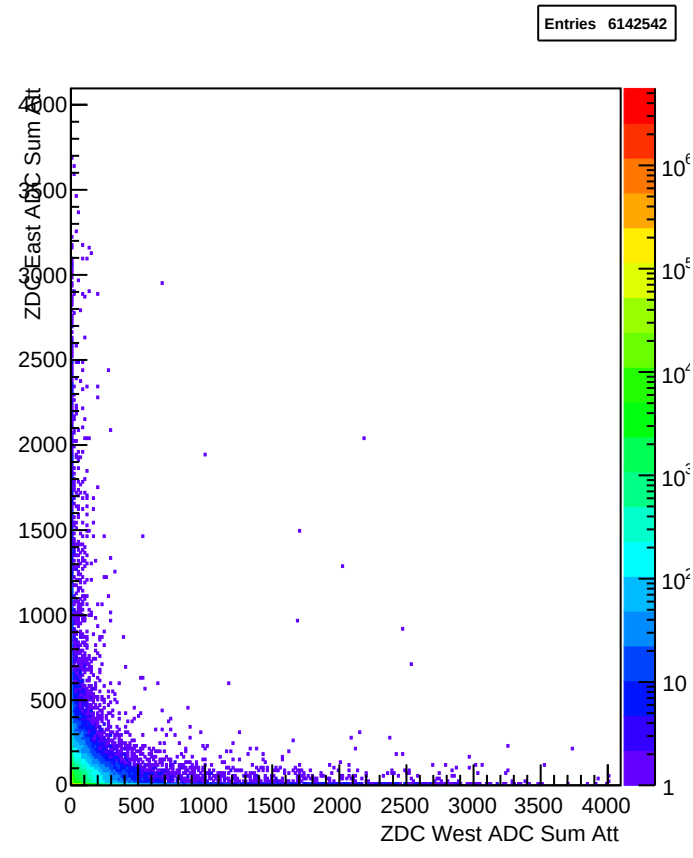

Entries 6142542
BBC-S-East ADC Sum
VPD-East ADC Sum

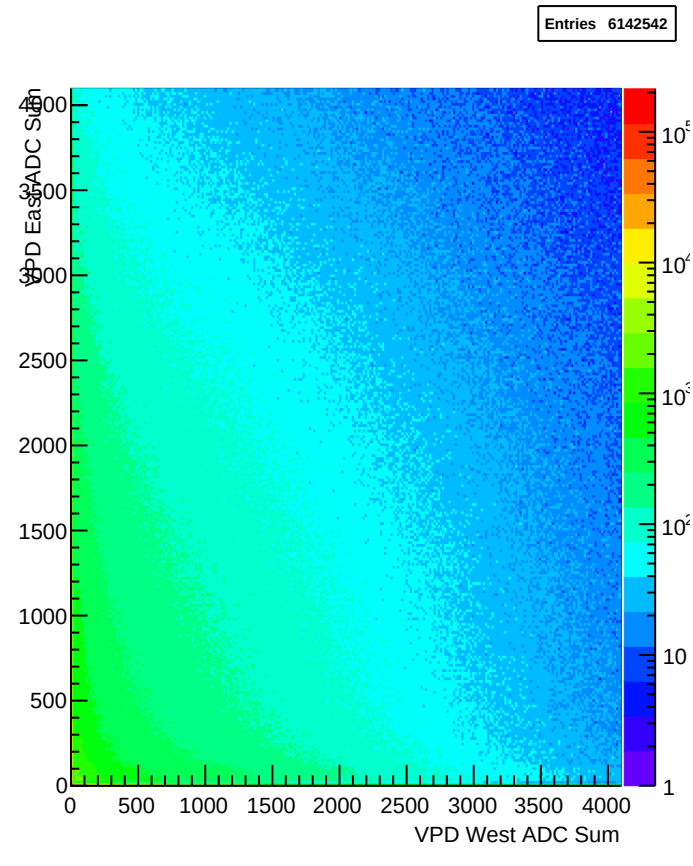

Entries 6142542
BBC-S-West ADC Sum
VPD-West ADC Sum

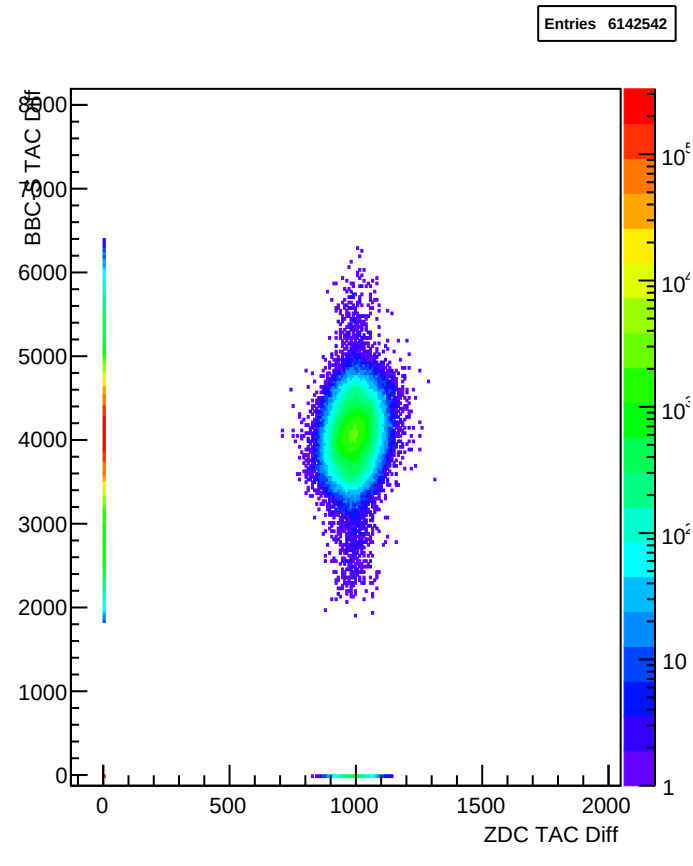

Entries 6142542
VPD-East ADC Sum
ZDC-East ADC Sum Att

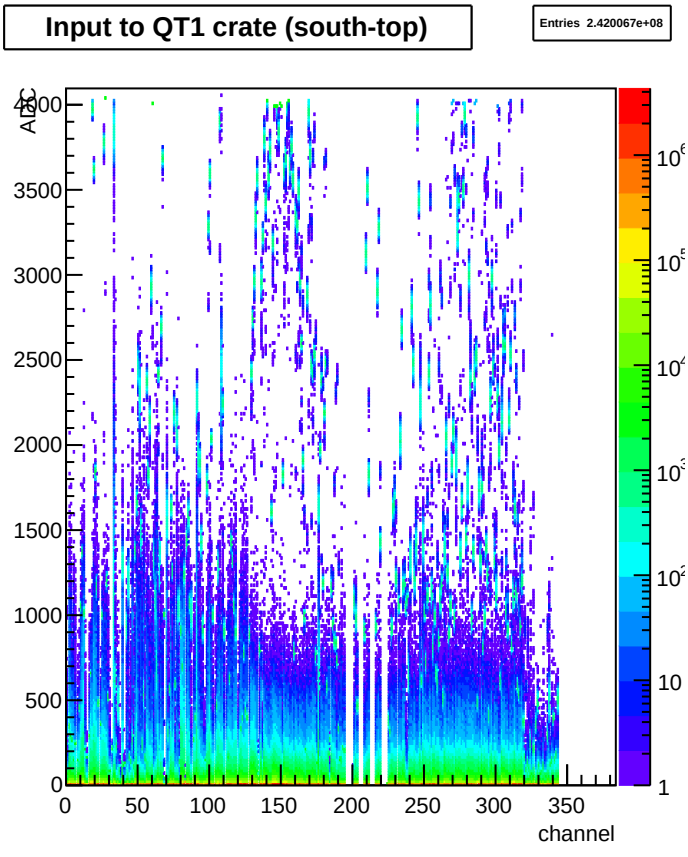

Entries 6142542
VPD-West ADC Sum
ZDC-West ADC Sum Att

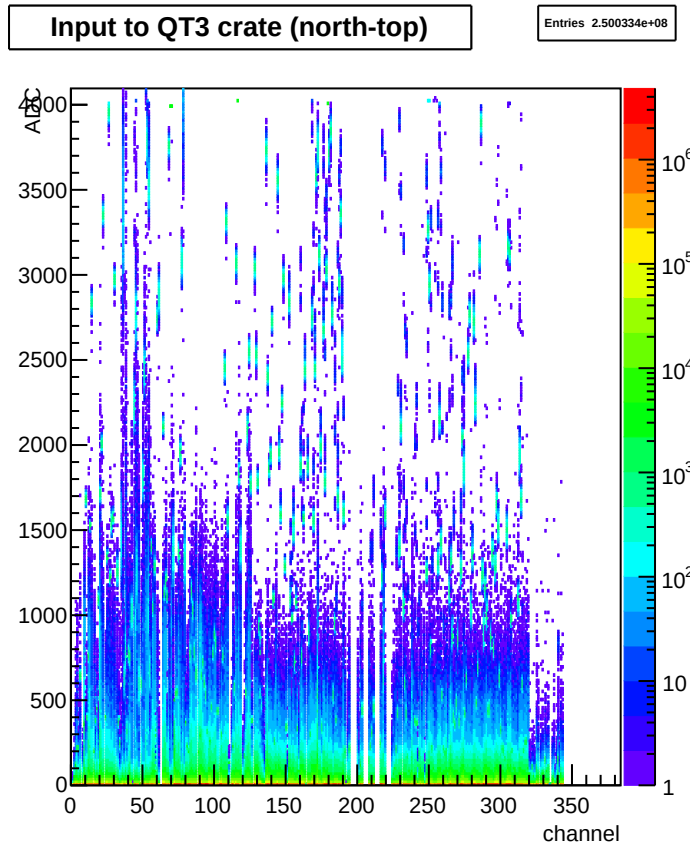

Entries 6142542
BBC-S-East ADC Sum
BBC-S-West ADC Sum

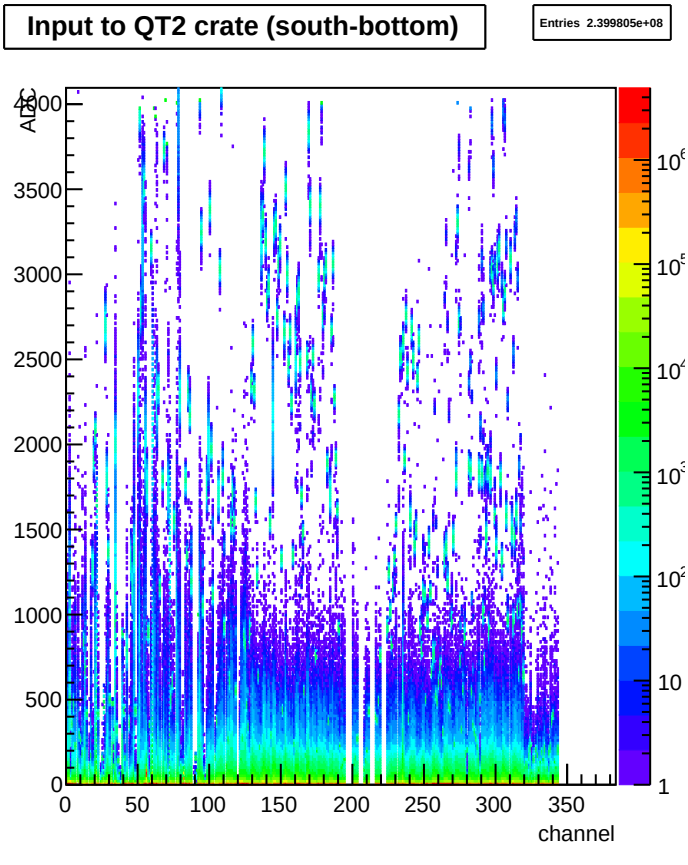

Entries 6142542
ZDC East ADC Sum Att
ZDC West ADC Sum Att

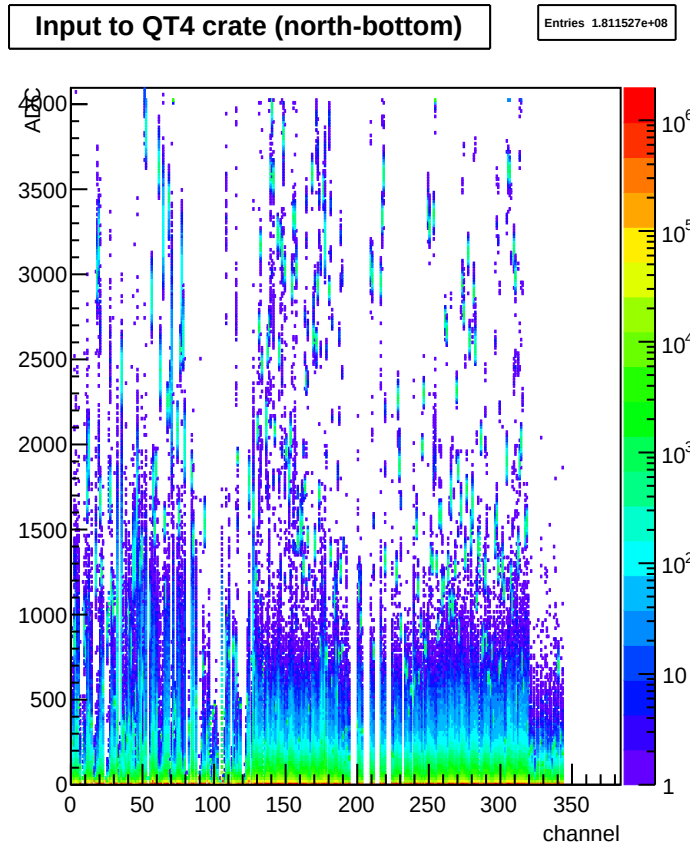

Entries 6142542
VPD East ADC Sum
VPD West ADC Sum


Entries 6142542
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 2.420067e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 2.500334e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 2.399805e+08
ADC
channel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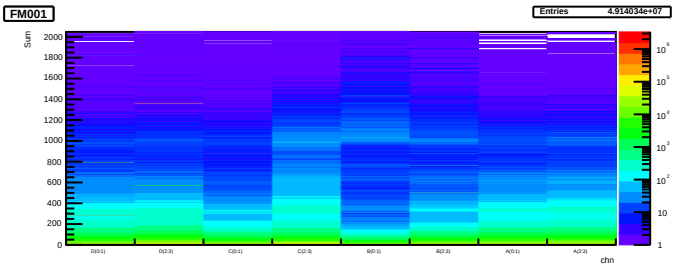
ADC
channel


FM001
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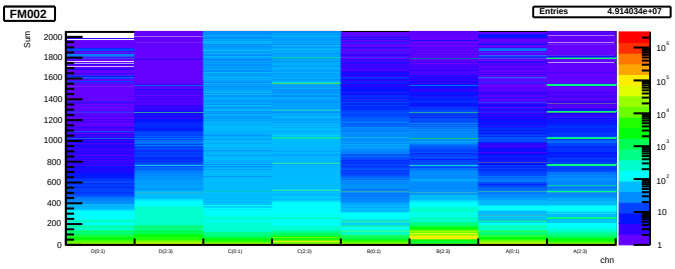
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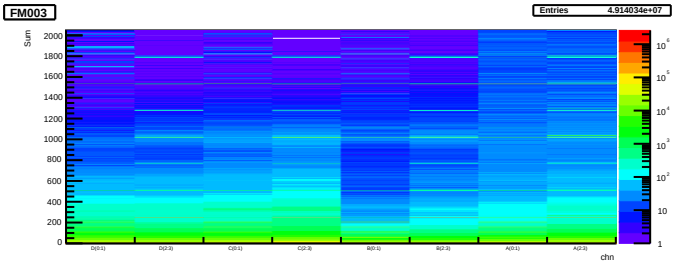
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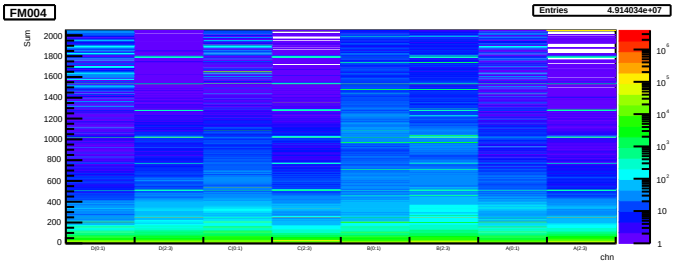
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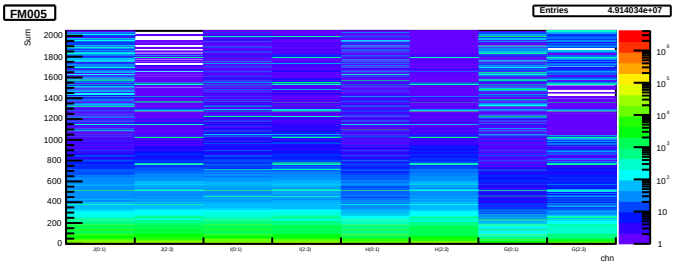
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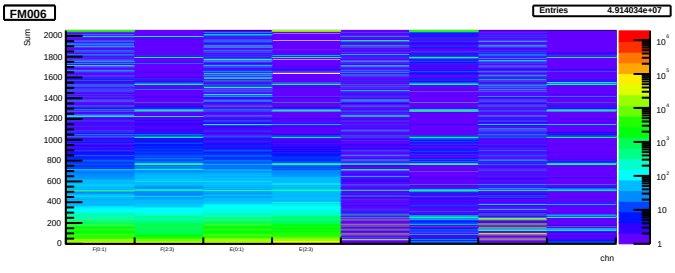
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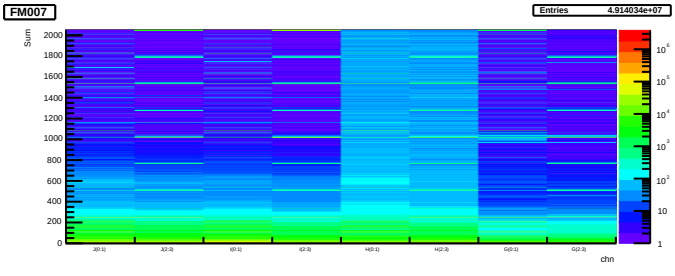
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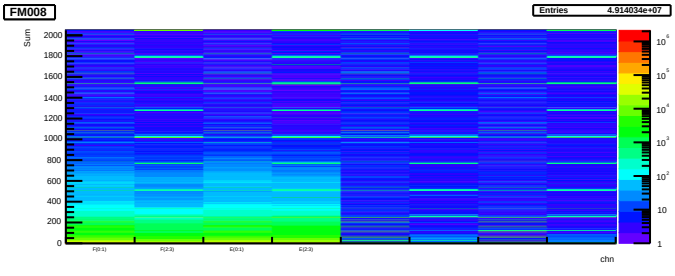
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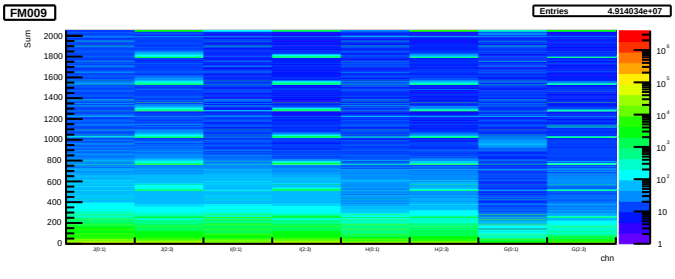
FM009
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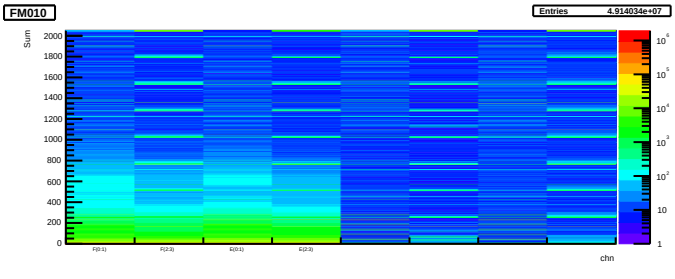
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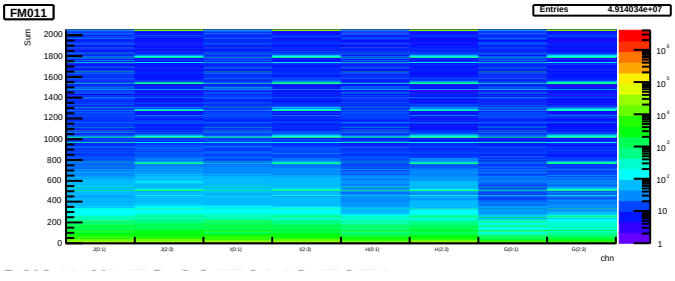
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Entries 4.914034e+07
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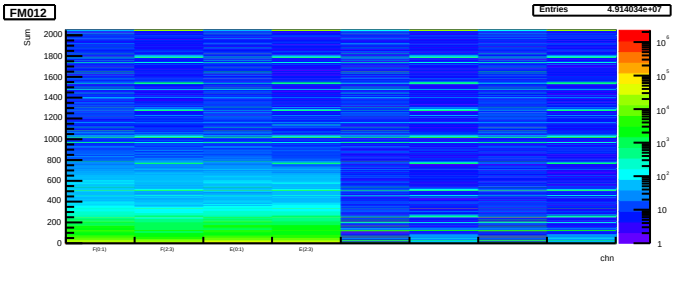
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Entries 4.914034e+07
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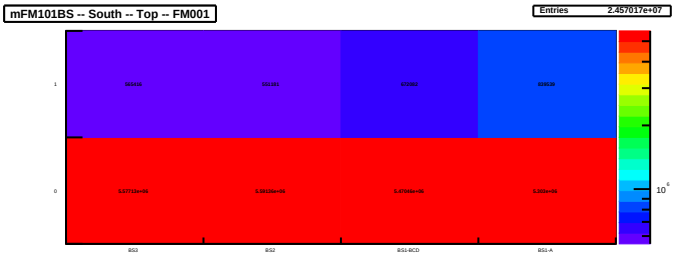
mFM101BS -- South -- Top -- FM001
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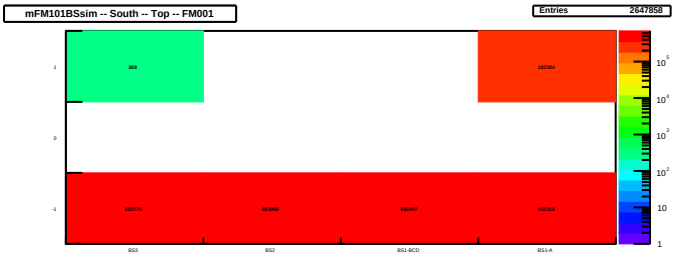
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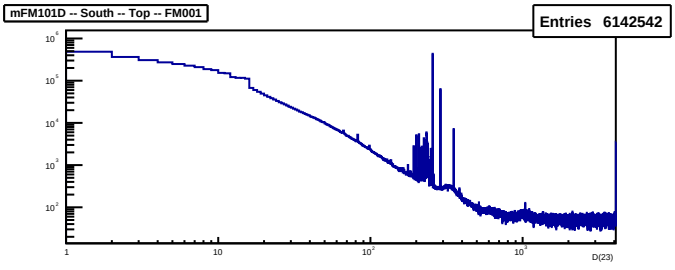
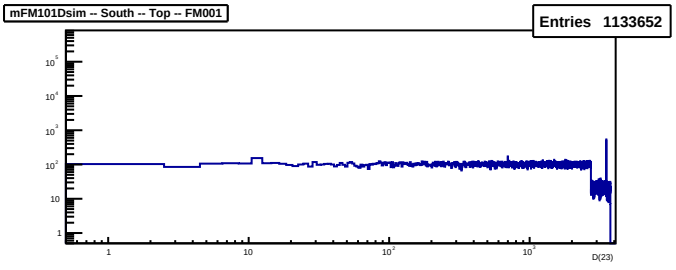

mFM101D -- South -- Top -- FM001
Entries 6142542
D(23)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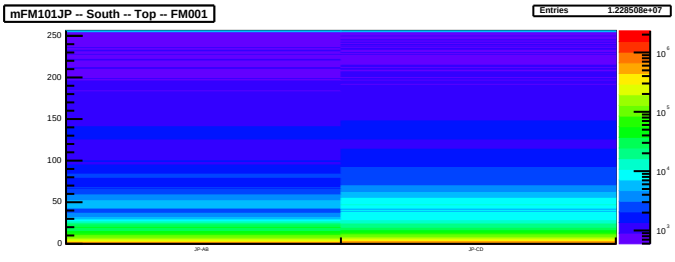
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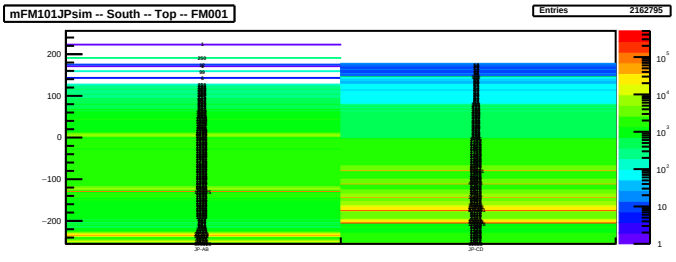
Entries 1.228508e+07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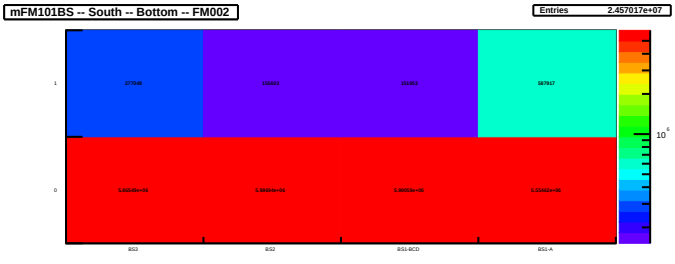
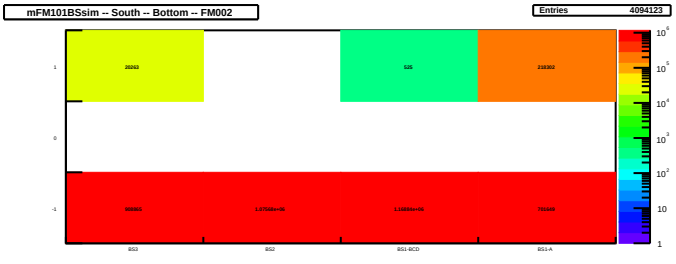

mFM101BS -- South -- Bottom -- FM002
Entries 2.457017e+07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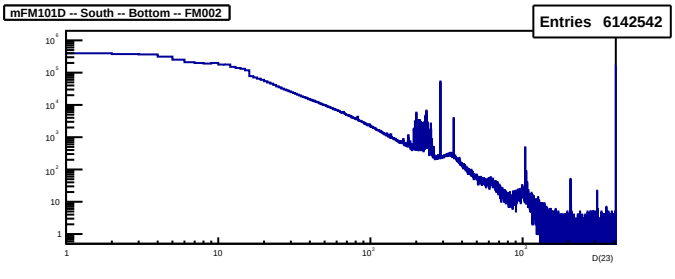
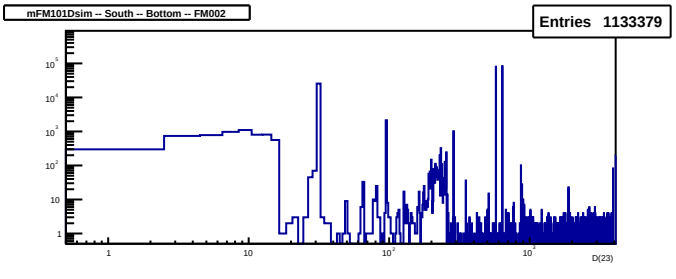

mFM101D -- South -- Bottom -- FM002
Entries 6142542
D(23)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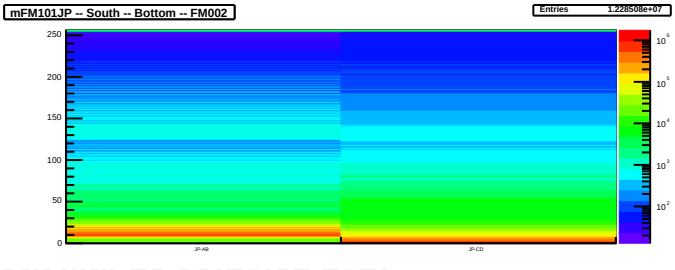
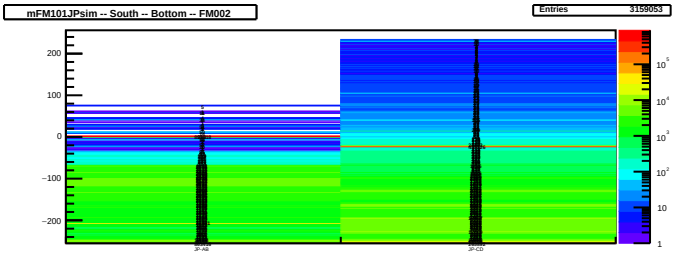

mFM101JP -- South -- Bottom -- FM002
Entries 1.228508e+07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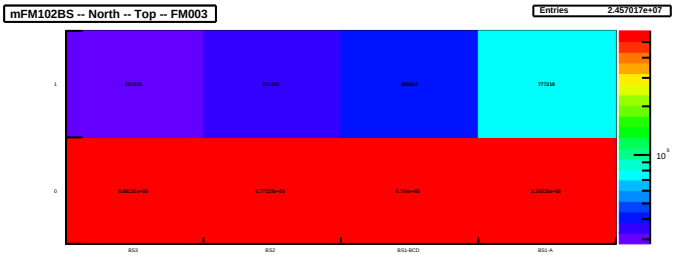
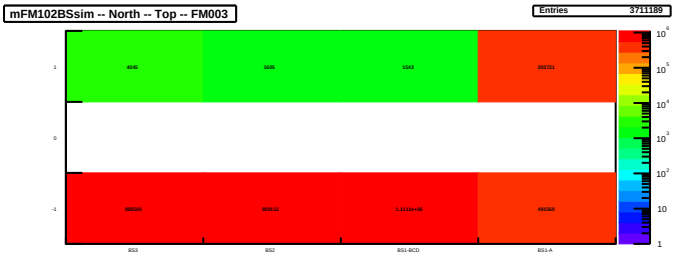

mFM102BS -- North -- Top -- FM003
Entries 2.457017e+07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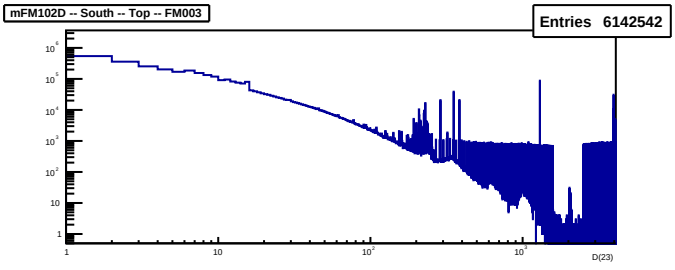
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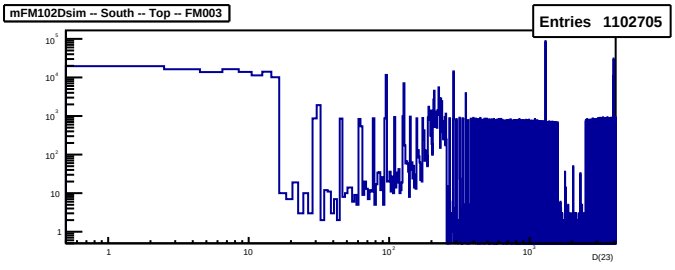
Entries 6142542
D(23)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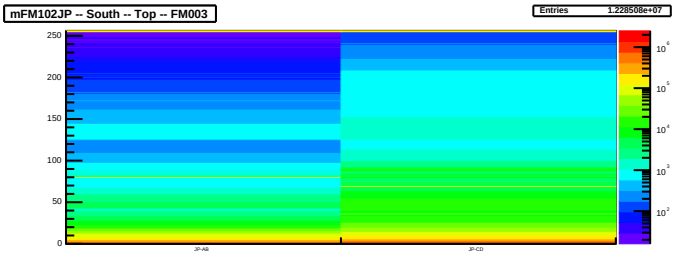
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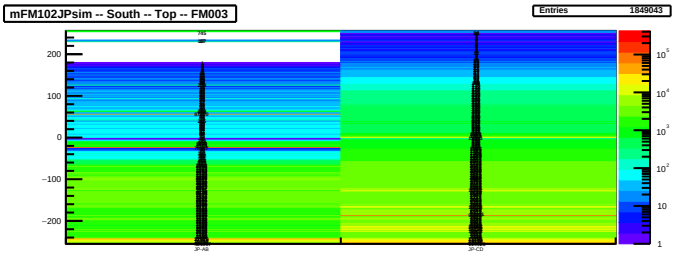
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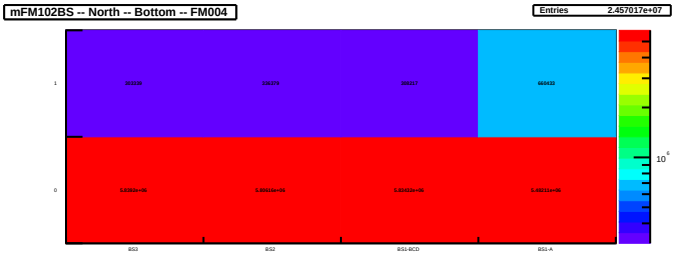
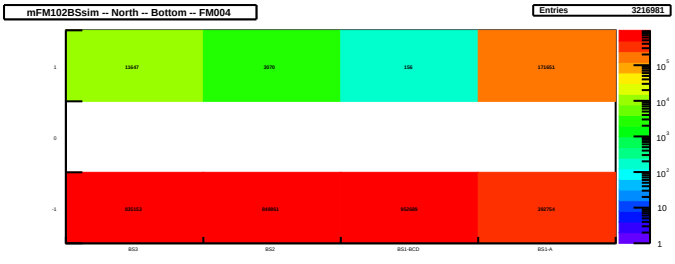

mFM102BS -- North -- Bottom -- FM004
Entries 2.457017e+07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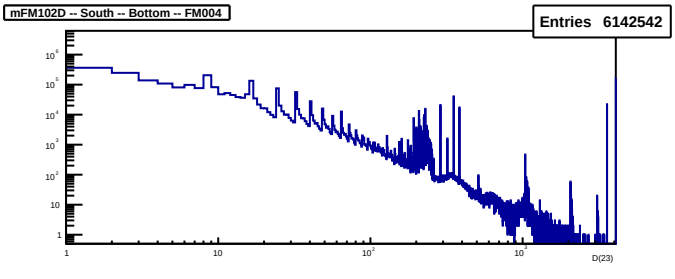
mFM102D -- South -- Bottom -- FM004
Entries 6142542
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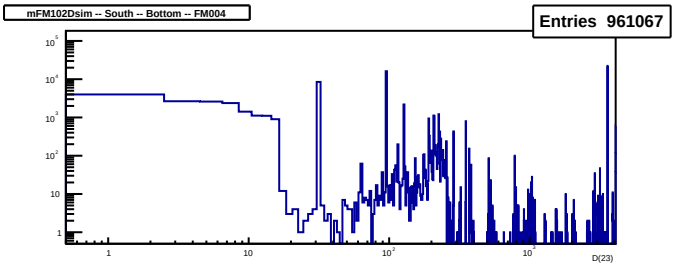
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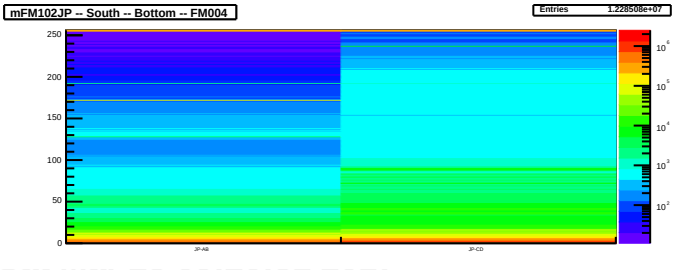
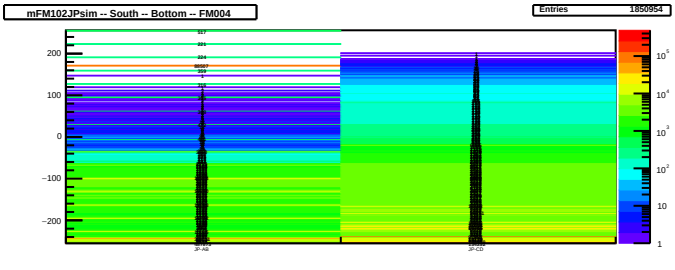

mFM102JP -- South -- Bottom -- FM004
Entries 1.228508e+07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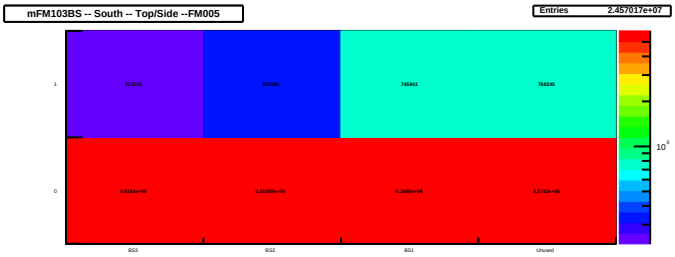
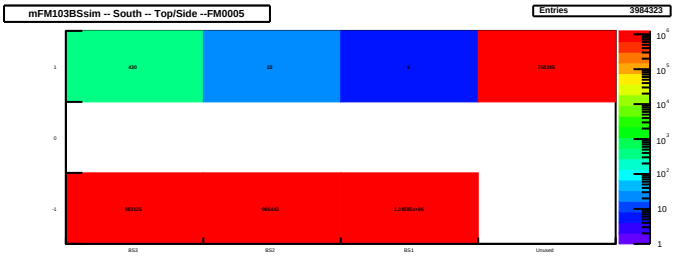

mFM103BS -- South -- Top/Side --FM005
Entries 2.457017e+07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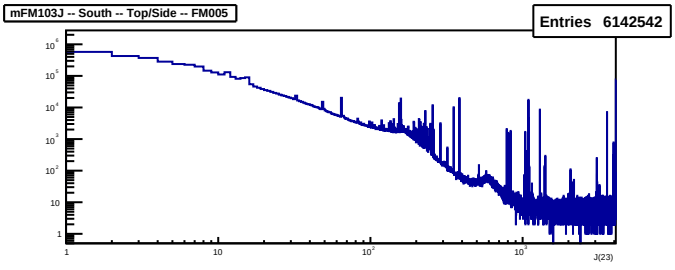
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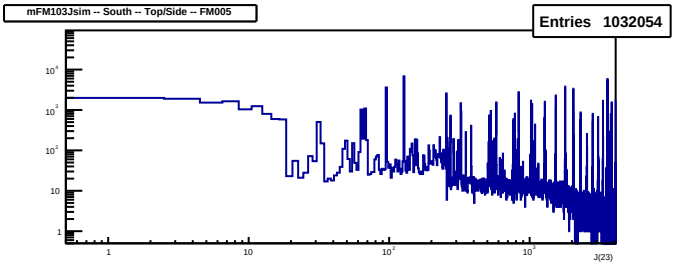
Entries 6142542
J(23)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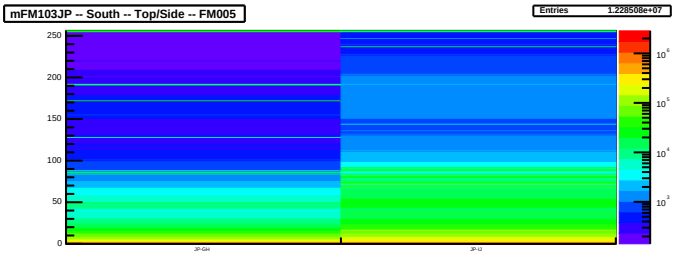
Entries 1032054
J(23)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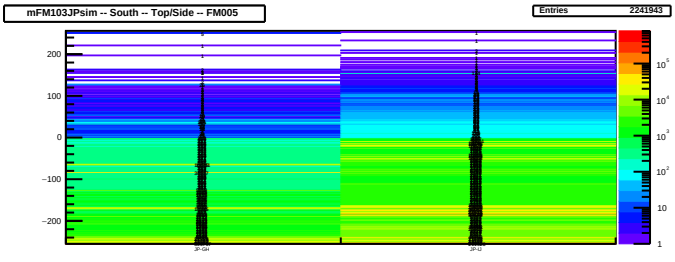
Entries 1.228508e+07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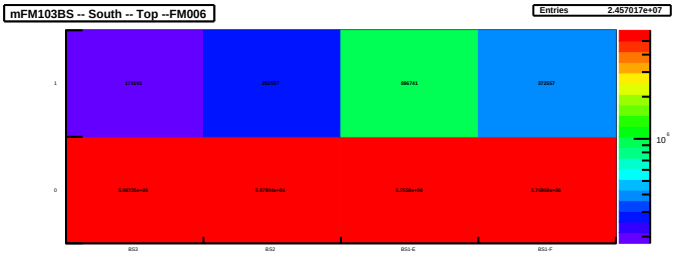
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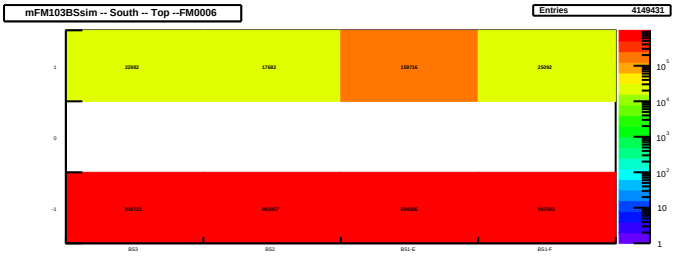
Entries 2.457017e+07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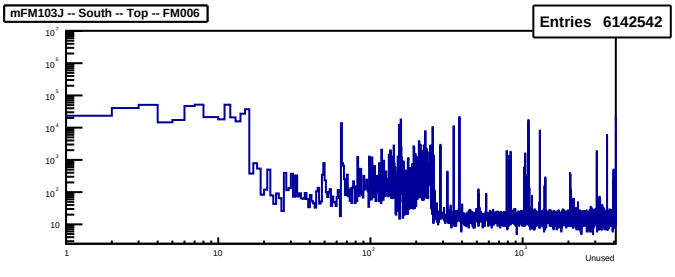
mFM103J -- South -- Top -- FM006
Entries 6142542
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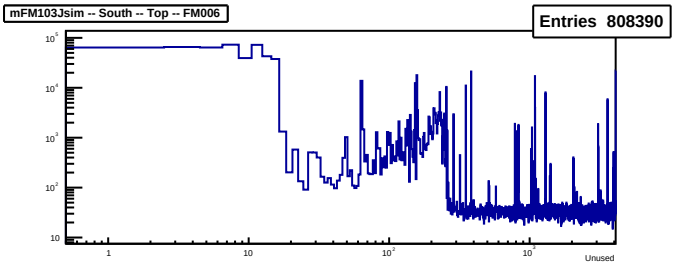
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Entries 808390
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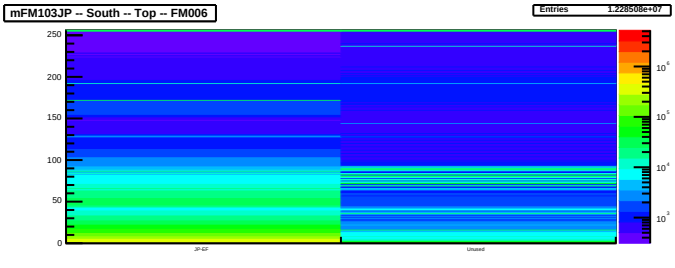
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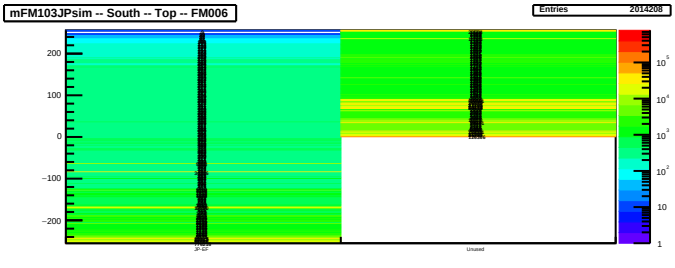
Entries 1.228508e+07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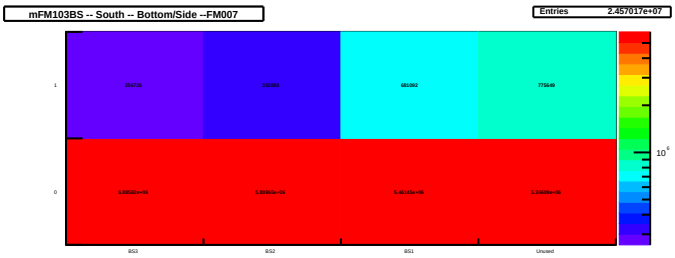
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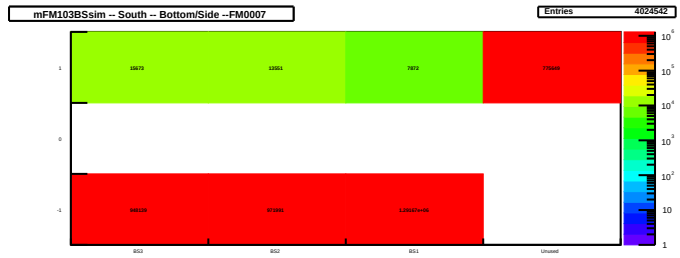
Entries 2.457017e+07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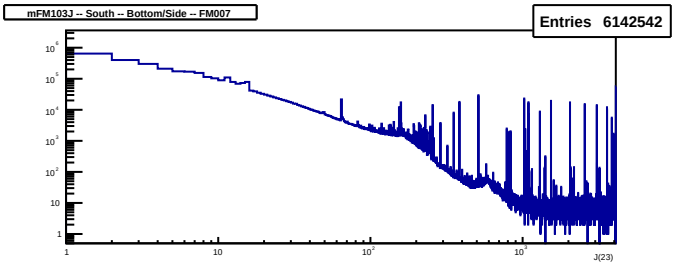
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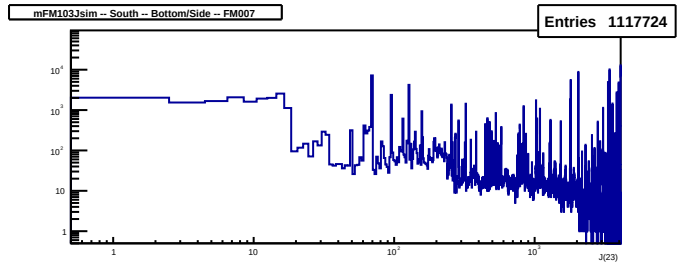
Entries 6142542
J(23)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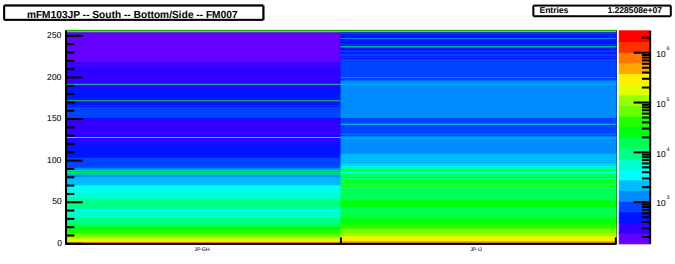
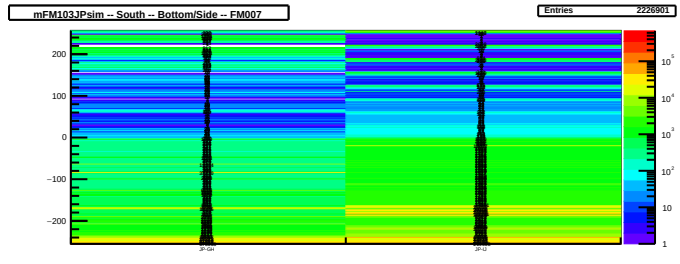
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.228508e+07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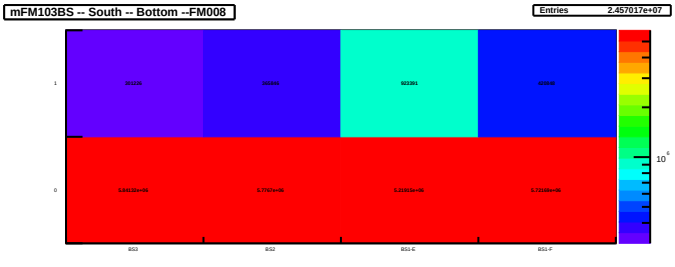
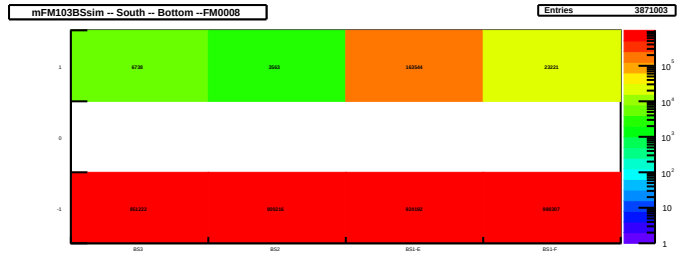
Entries 2226901


mFM103BS -- South -- Bottom --FM008
Entries 2.457017e+07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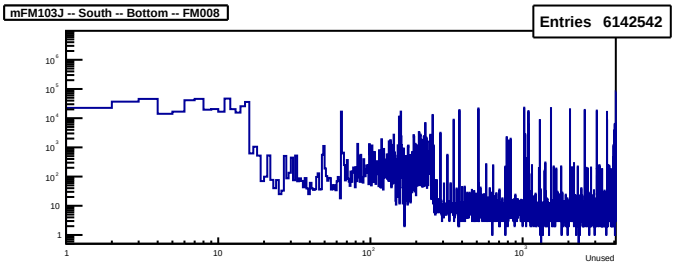
Entries 3871003


mFM103J -- South -- Bottom -- FM008
Entries 6142542
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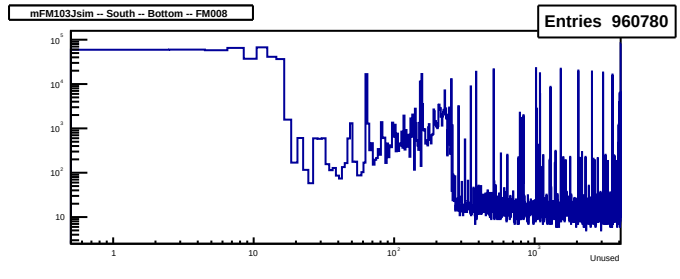
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Entries 960780
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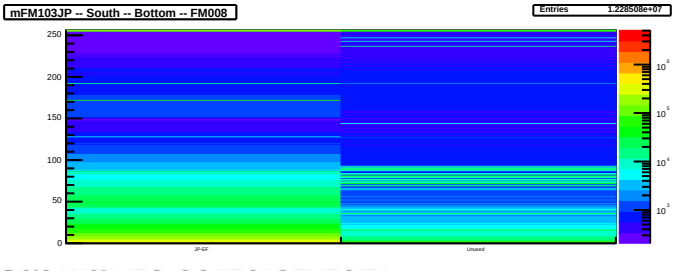
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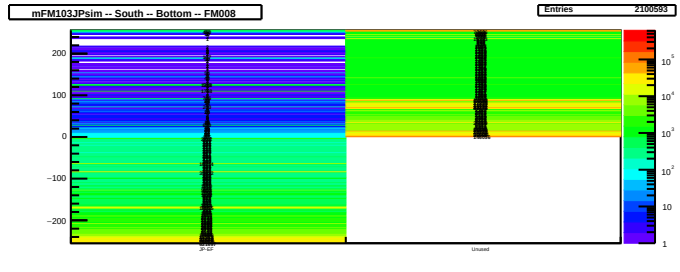
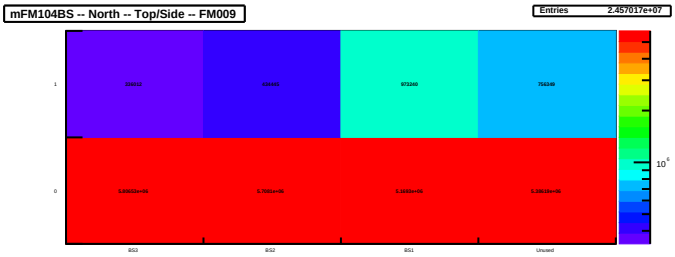
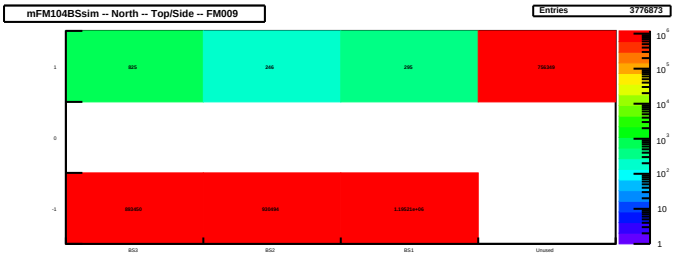
Entries 1.228508e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 2100593


mFM104BS -- North -- Top/Side -- FM009
Entries 2.457017e+07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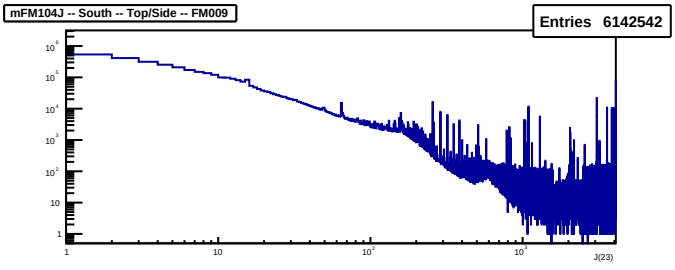
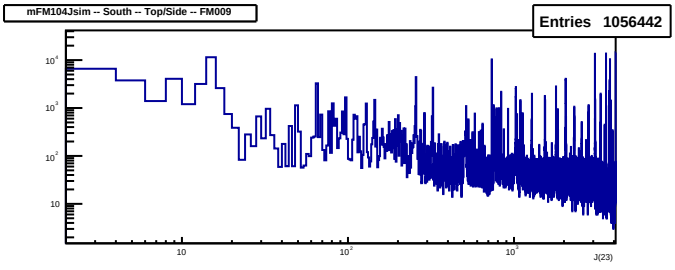

mFM104J -- South -- Top/Side -- FM009
Entries 6142542
J(23)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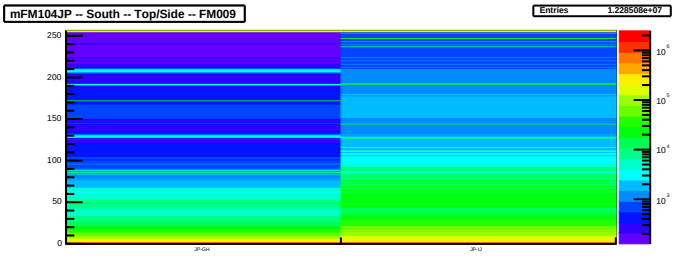
J(23)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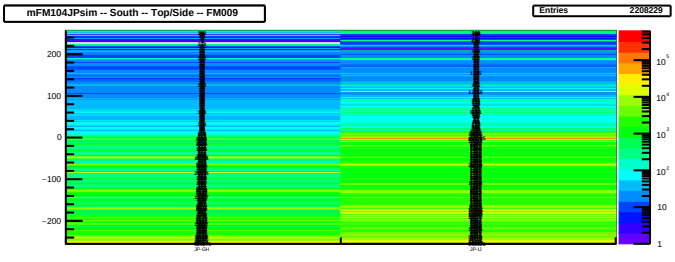
Entries 1.228508e+07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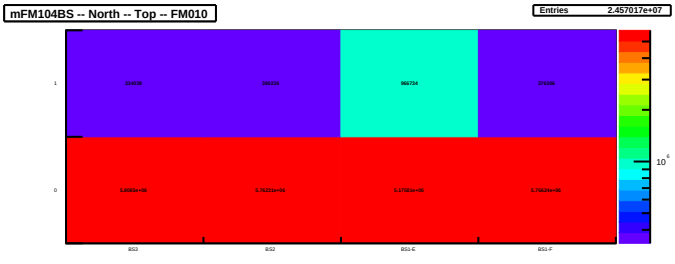
Entries 2208229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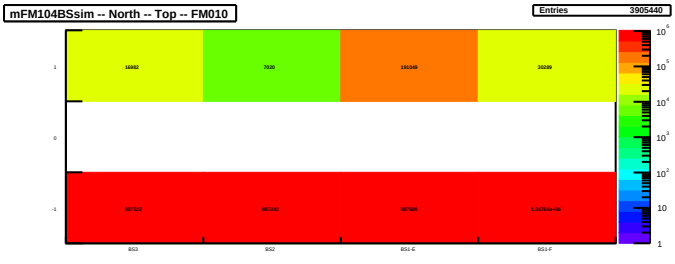
Entries 2.457017e+07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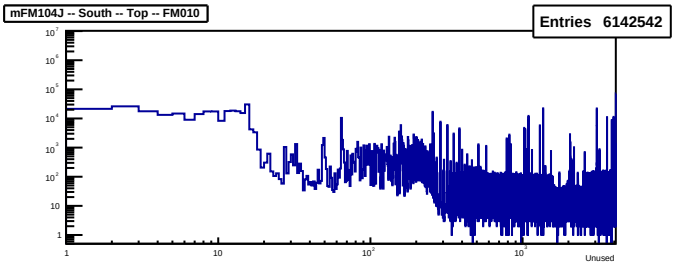
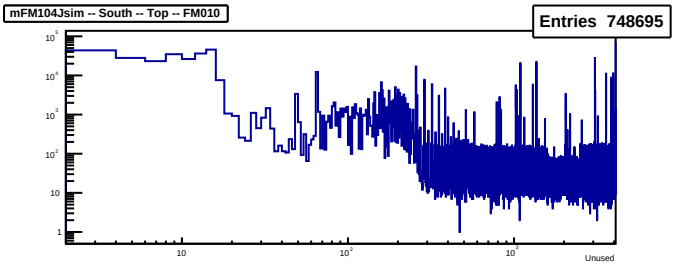

mFM104J -- South -- Top -- FM010
Entries 6142542
Unused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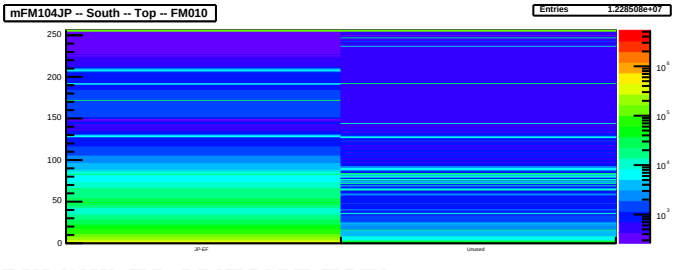
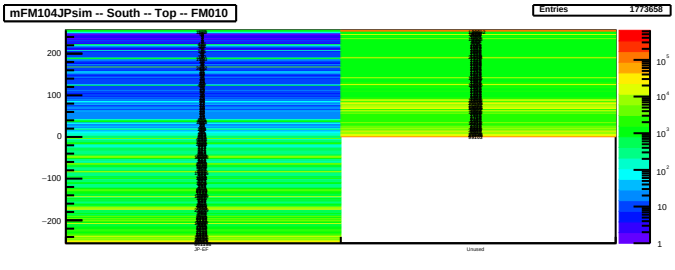
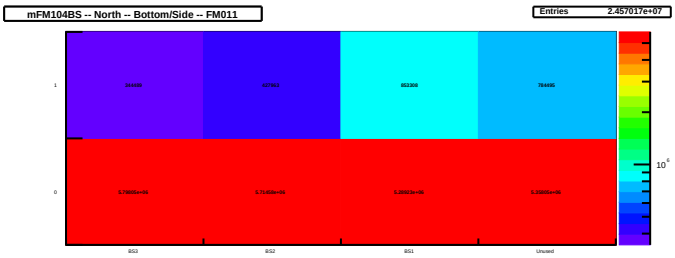
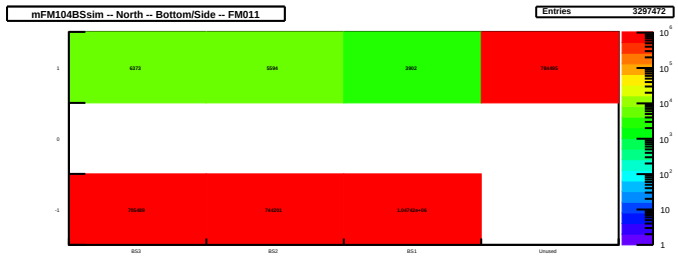
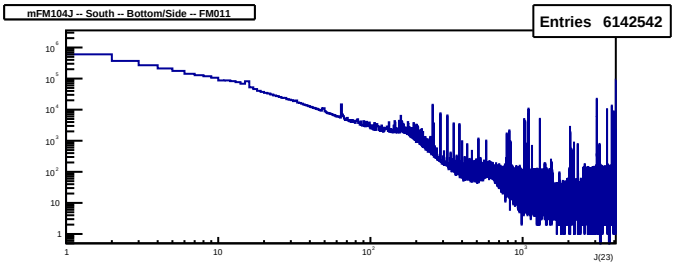
Entries 748695
Unused

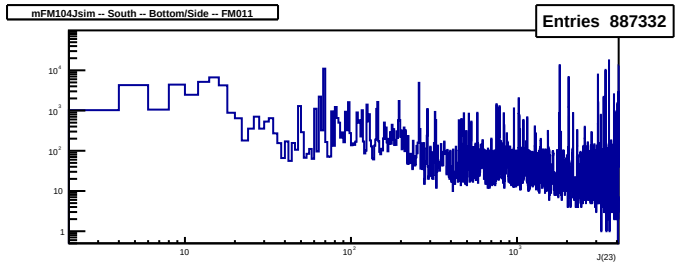

mFM104JP -- South -- Top -- FM010
Entries 1.228508e+07

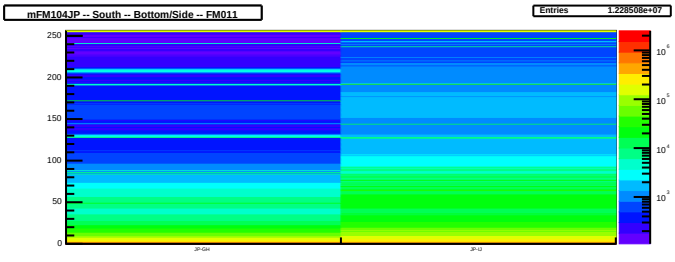

mFM104JPsim -- South -- Top -- FM010
Entries 1773658

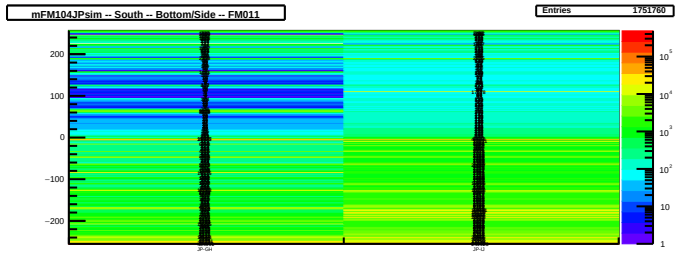

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.457017e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3297472


mFM104J -- South -- Bottom/Side -- FM011
Entries 6142542
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 887332
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.228508e+07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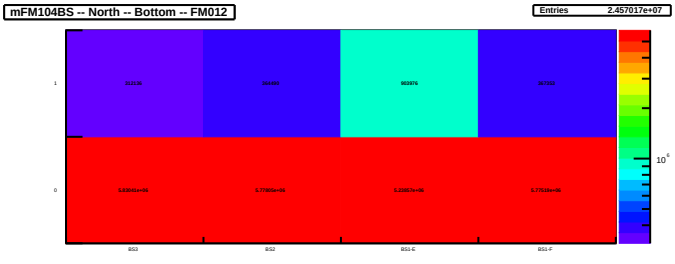
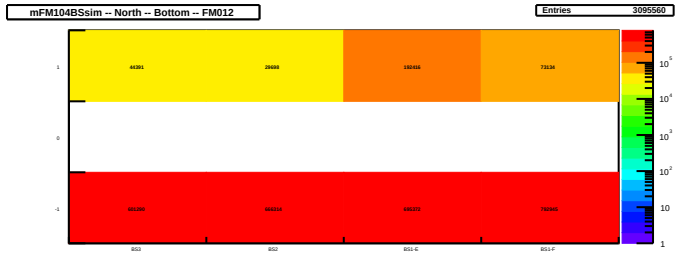
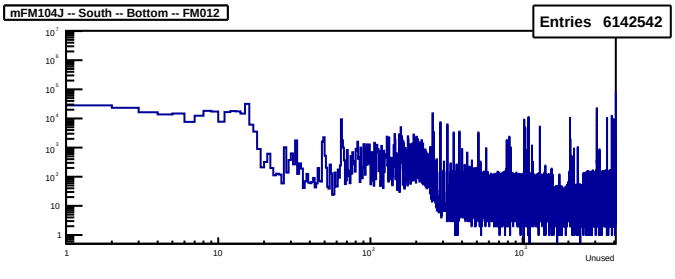
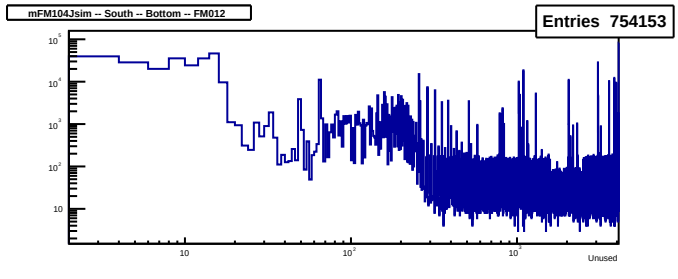
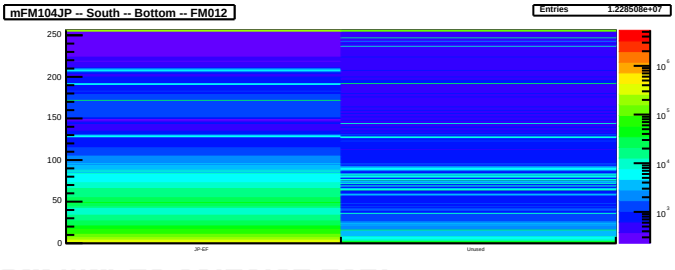
Entries 1751760

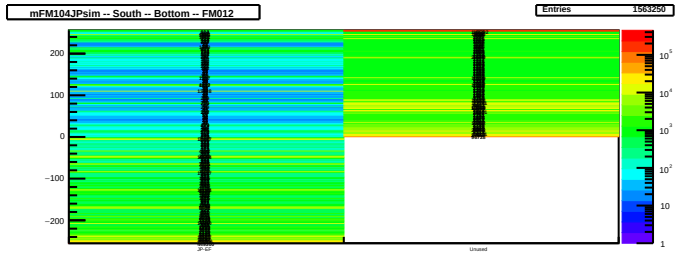

mFM104BS -- North -- Bottom -- FM012
Entries 2.457017e+07

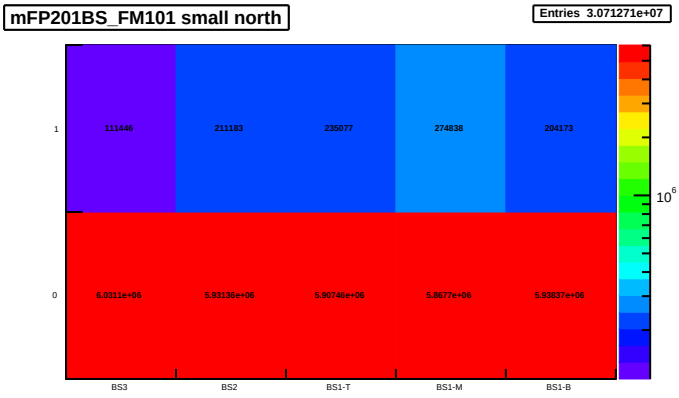

mFM104BSsim -- North -- Bottom -- FM012
Entries 3095560

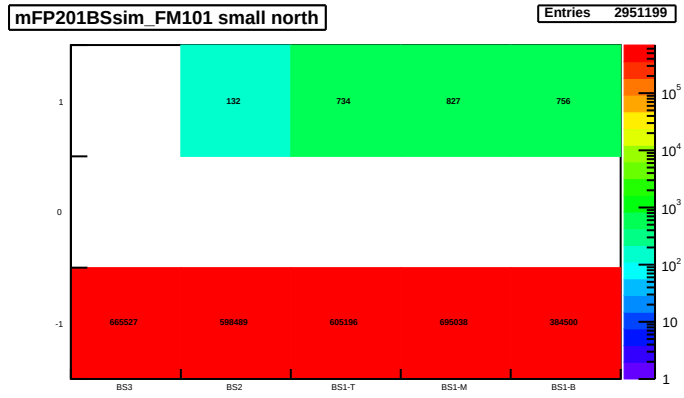

mFM104J -- South -- Bottom -- FM012
Entries 6142542
Unused

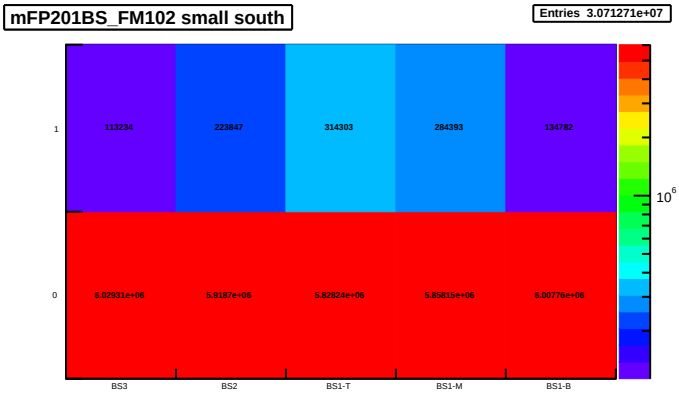

mFM104Jsim -- South -- Bottom -- FM012
Entries 754153
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.228508e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 1563250


mFP201BS_FM101 small north
Entries 3.071271e+07
1
0
111446
211183
235077
274838
204173
6.0311e+06
5.93136e+06
5.90746e+06
5.8677e+06
5.93837e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 2951199
1
0
-1
132
734
827
756
665527
598489
605196
695038
384500
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 3.071271e+07
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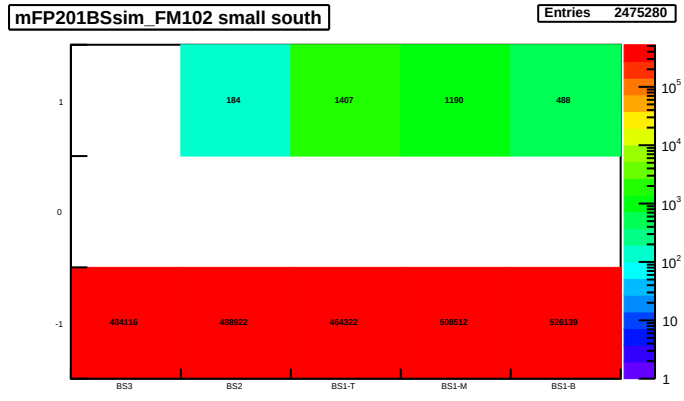
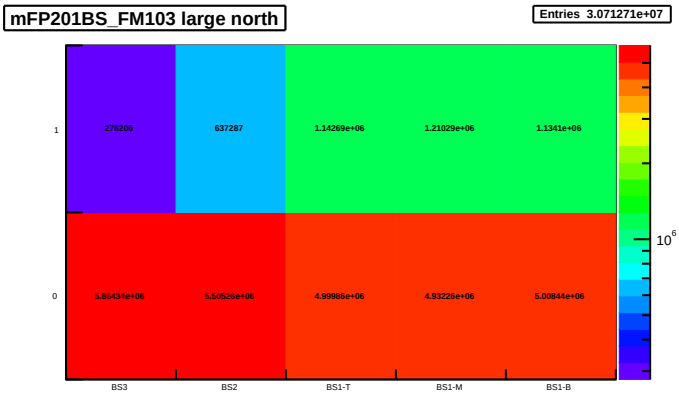
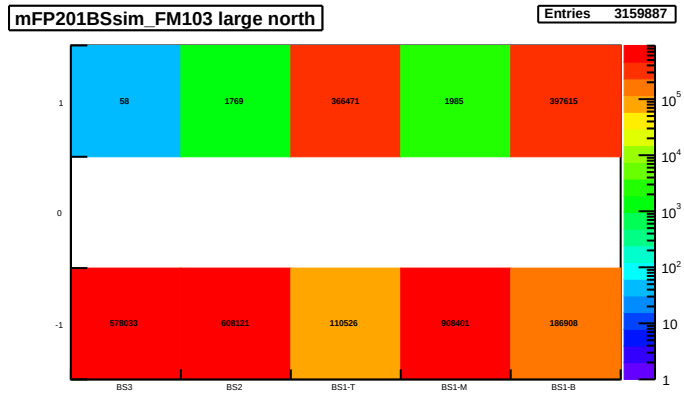
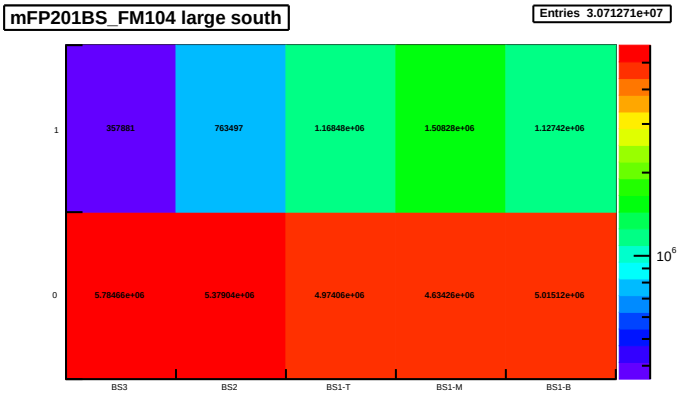
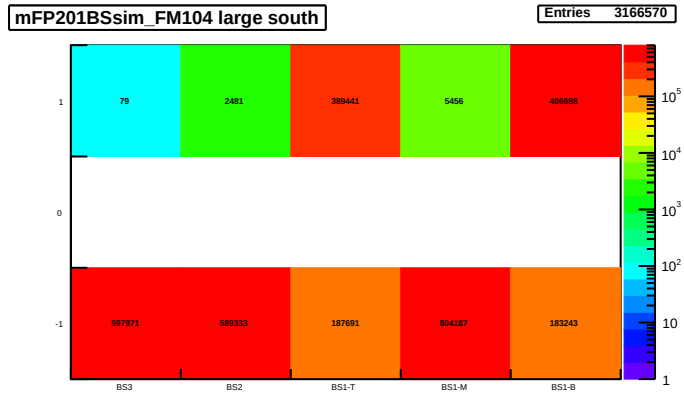
0
113234
223847
314303
284393
134782
6.02931e+06
5.9187e+06
5.82824e+06
5.85815e+06
6.00776e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

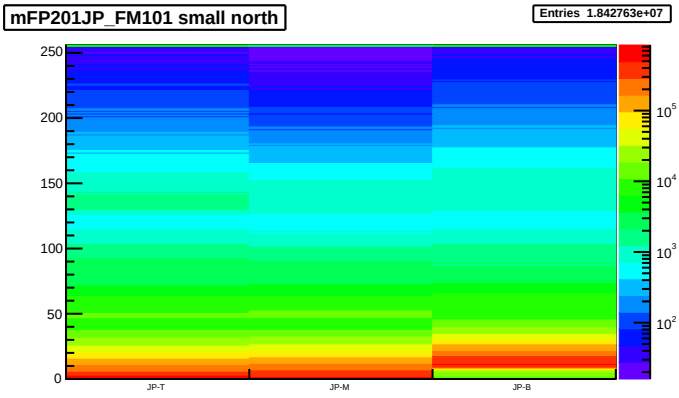

mFP201BSsim_FM102 small south
Entries 2475280
1
0
-1
184
1407
1190
488
484116
488922
464322
508512
526139
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

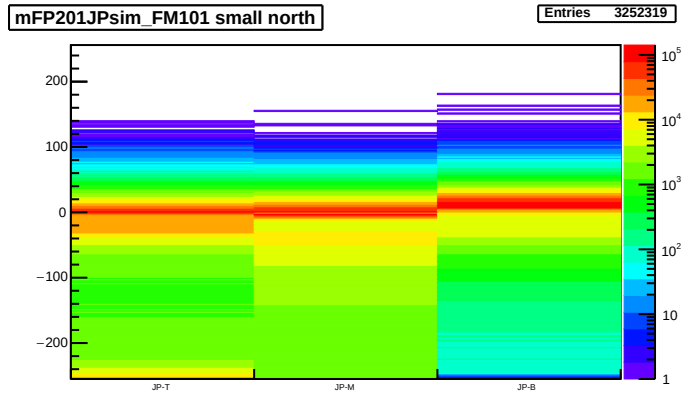

mFP201BS_FM103 large north
Entries 3.071271e+07
1
0
278206
637287
1.14269e+06
1.21029e+06
1.1341e+06
5.86434e+06
5.50526e+06
4.99986e+06
4.93226e+06
5.00844e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

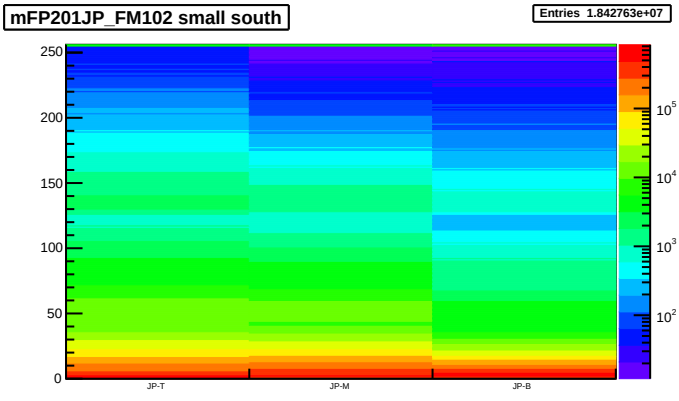

mFP201BSsim_FM103 large north
Entries 3159887
1
0
-1
58
1769
366471
1985
397615
578033
608121
110526
908401
186908
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

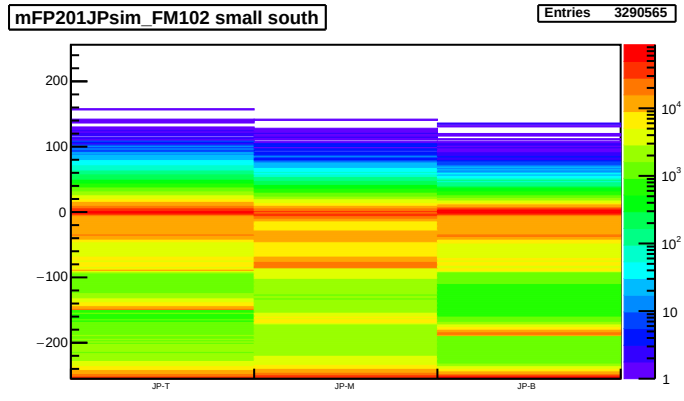

mFP201BS_FM104 large south
Entries 3.071271e+07
1
0
357881
763497
1.16848e+06
1.50828e+06
1.12742e+06
5.78466e+06
5.37904e+06
4.97406e+06
4.63426e+06
5.01512e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

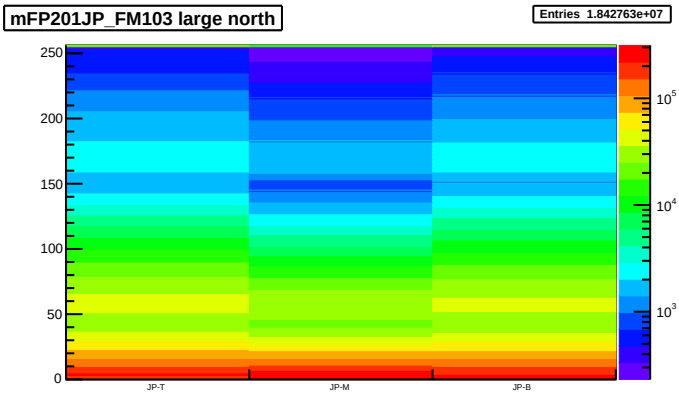

mFP201BSsim_FM104 large south
Entries 3166570
1
0
-1
79
2481
389441
5456
406688
597971
589333
187691
804187
183243
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

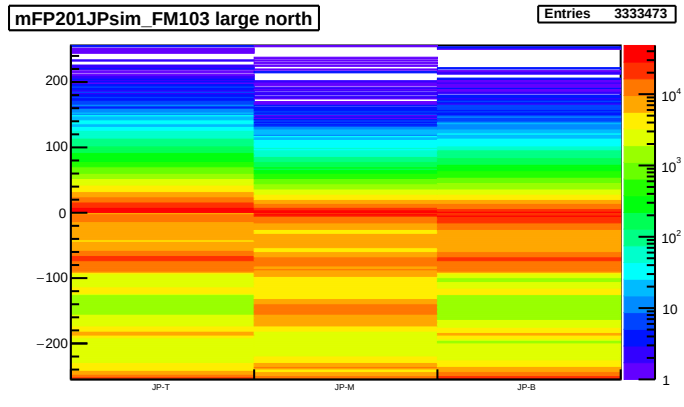

mFP201JP_FM101 small north
Entries 1.842763e+07
JP-T
JP-M
JP-B

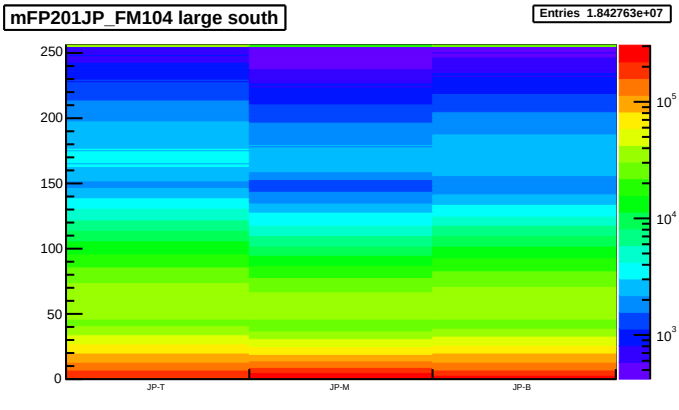

mFP201JPsim_FM101 small north
Entries 3252319
JP-T
JP-M
JP-B

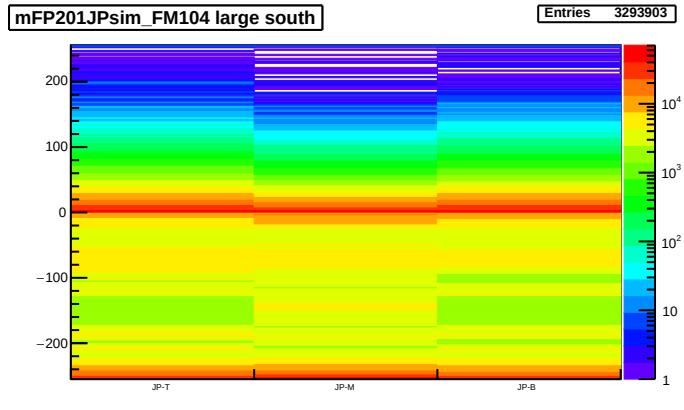

mFP201JP_FM102 small south
Entries 1.842763e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM102 small south
Entries 3290565
JP-T
JP-M
JP-B


mFP201JP_FM103 large north
Entries 1.842763e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 3333473
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.842763e+07
JP-T
JP-M
JP-B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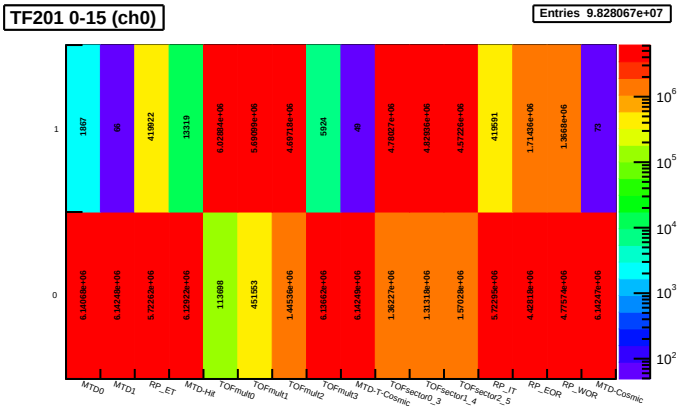
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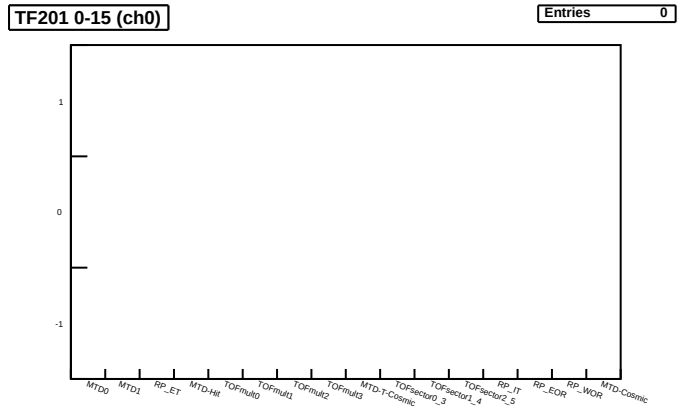
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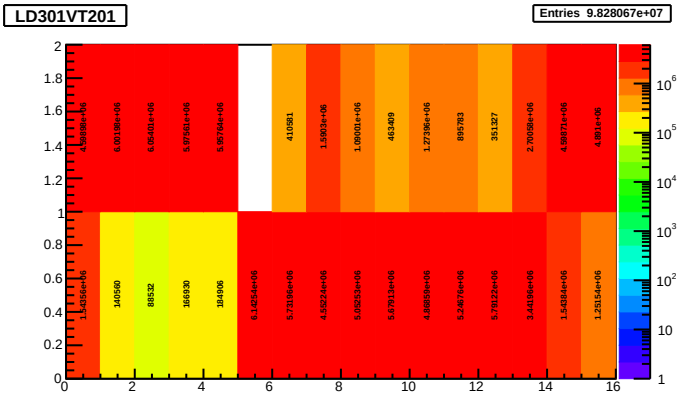
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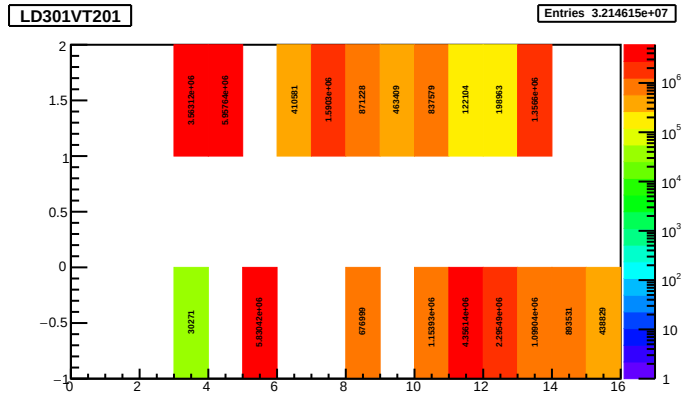
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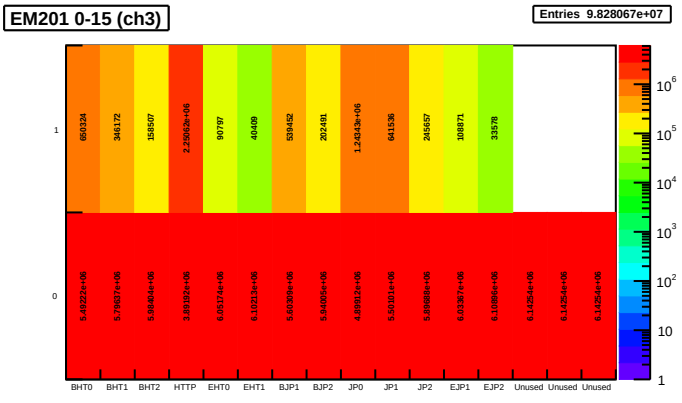
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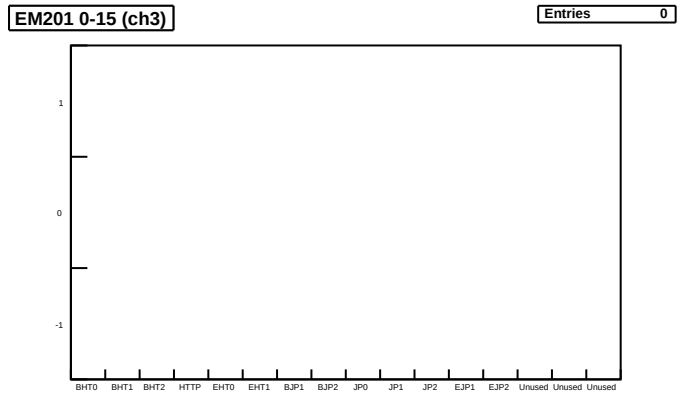
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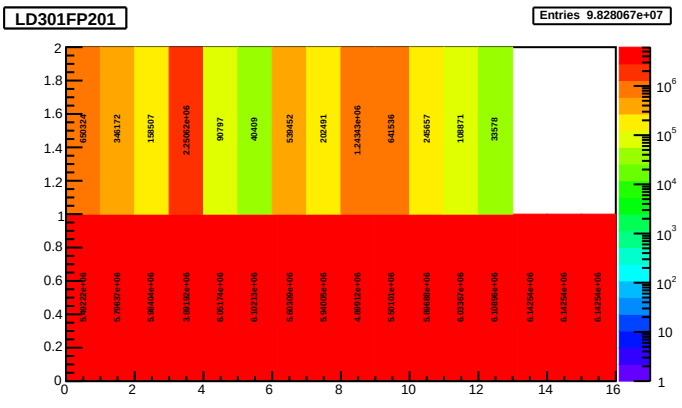
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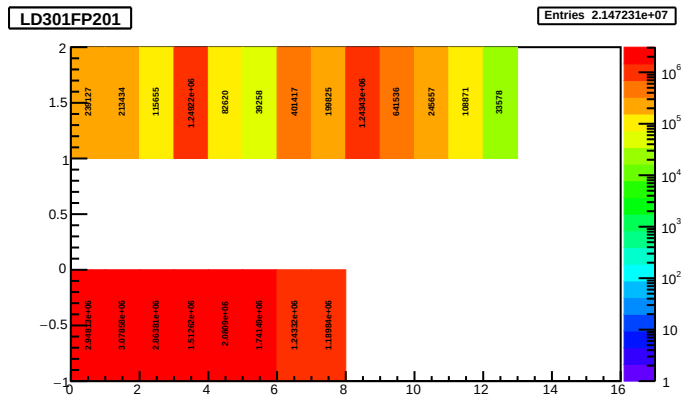
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