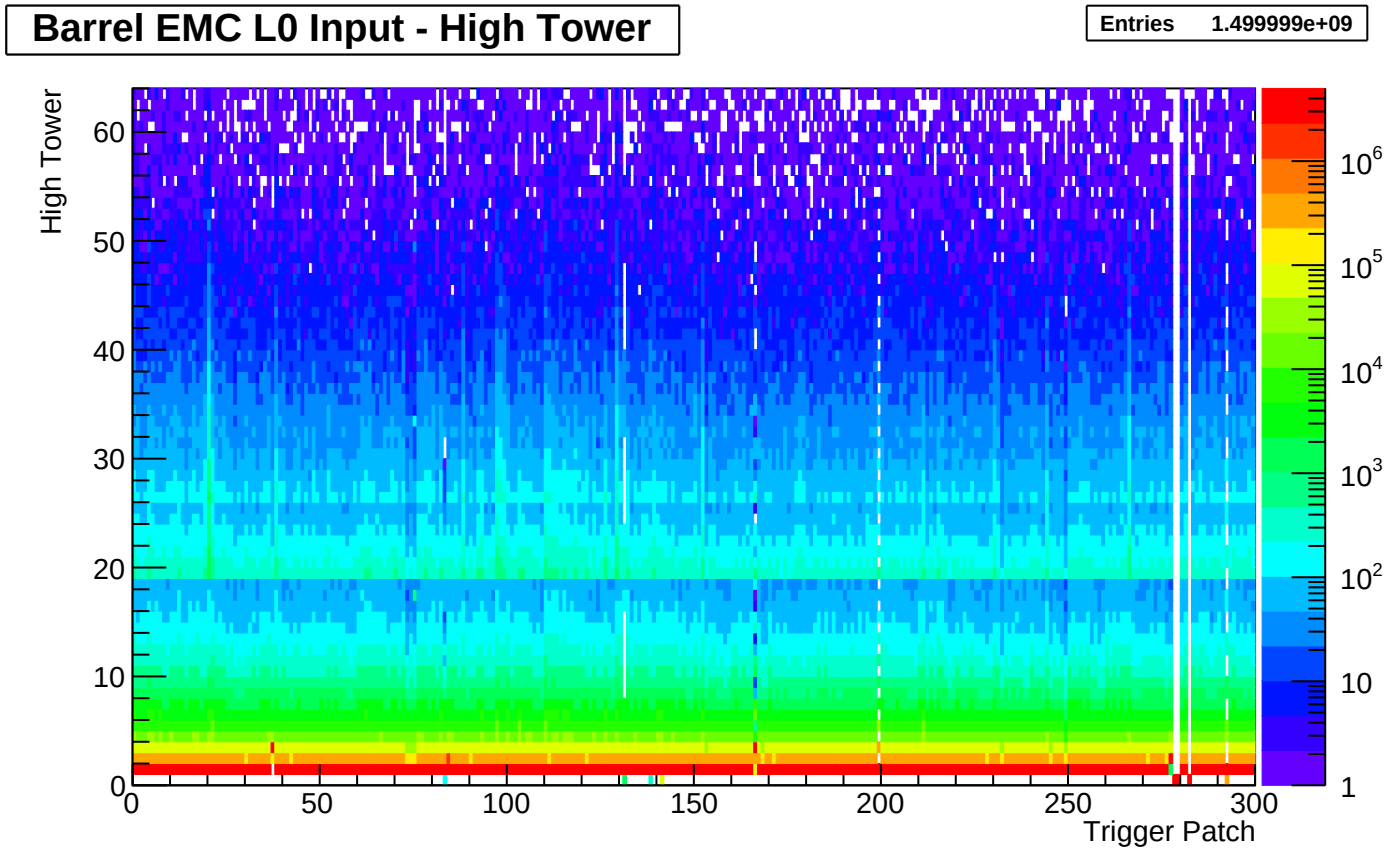
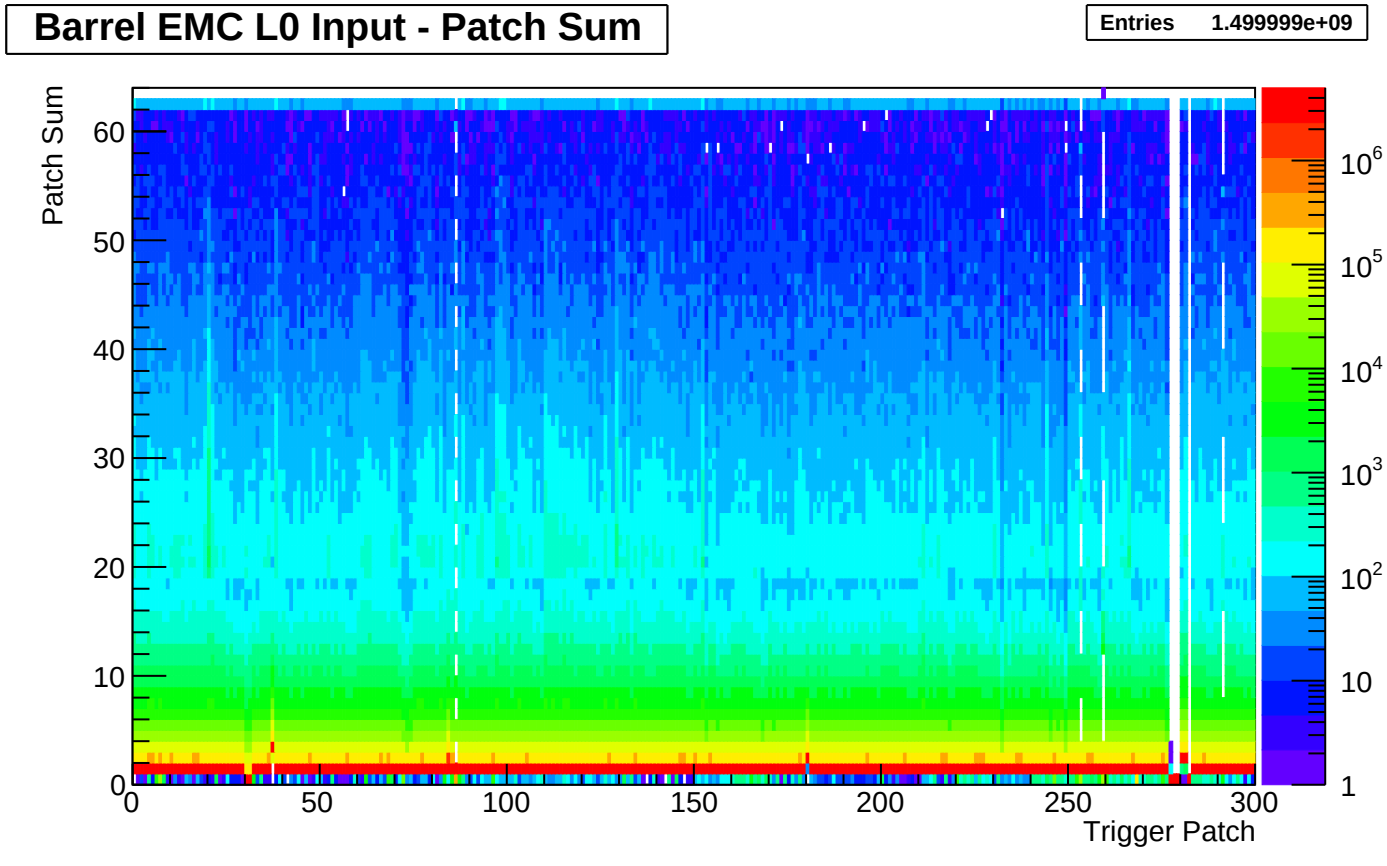
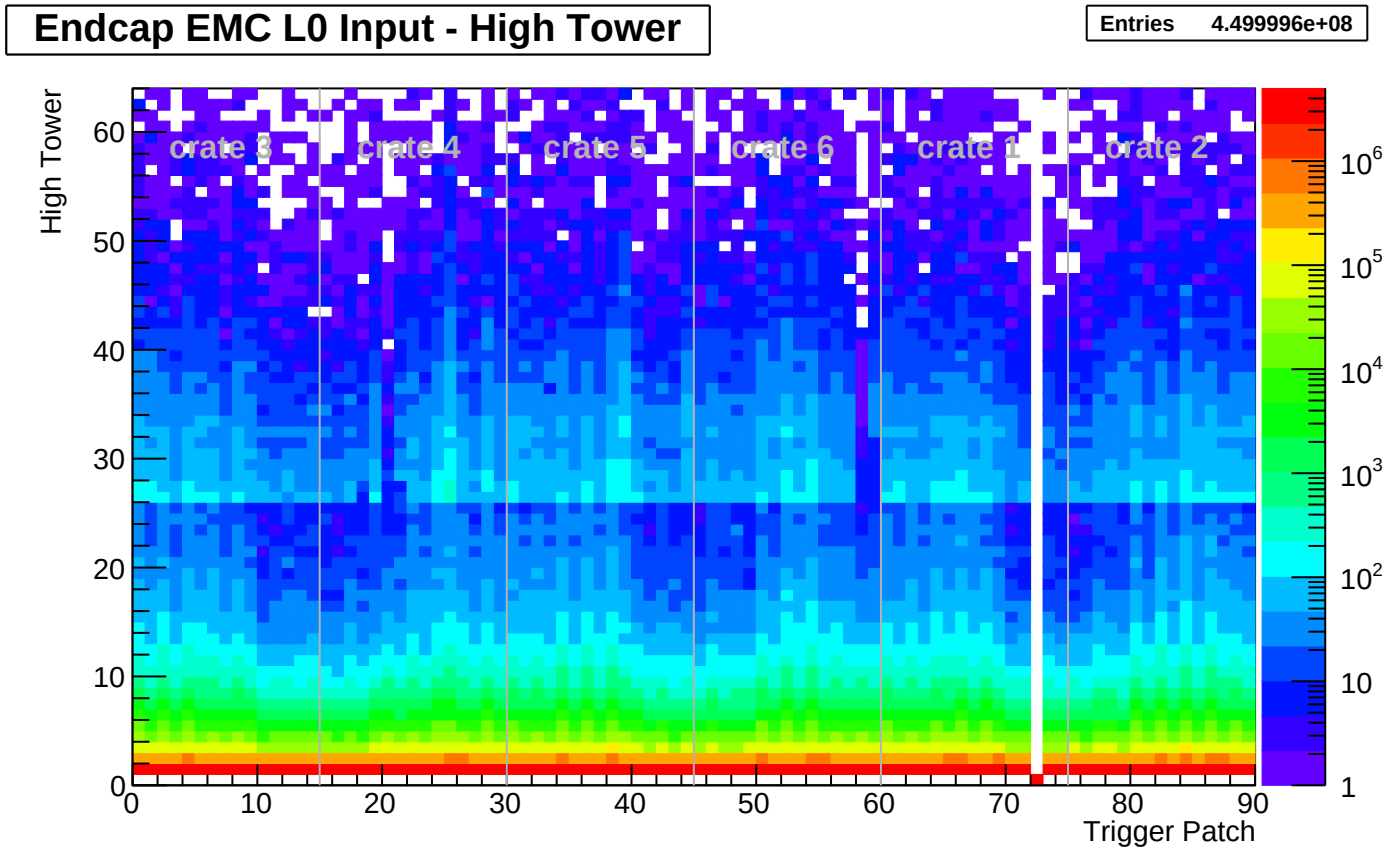
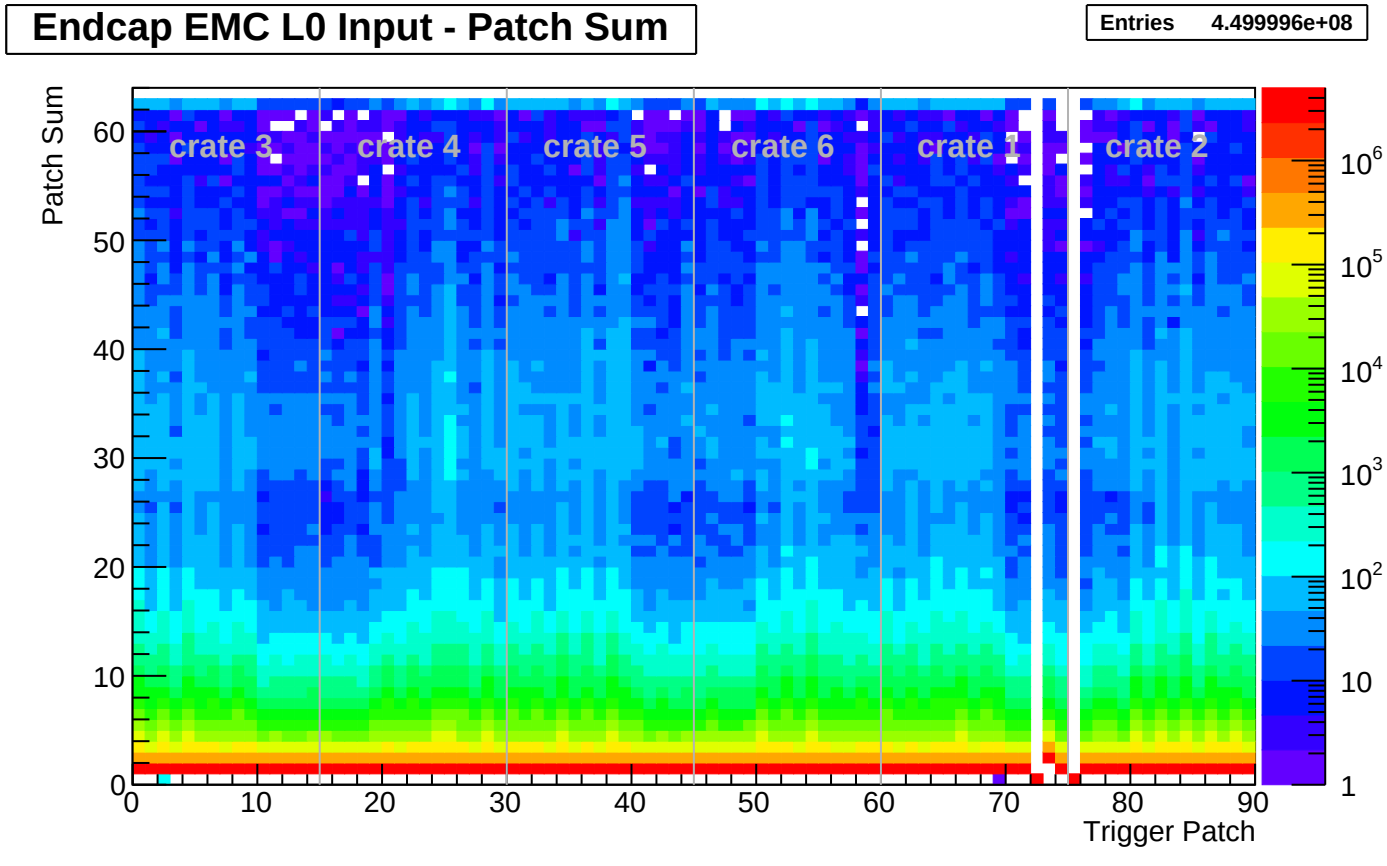
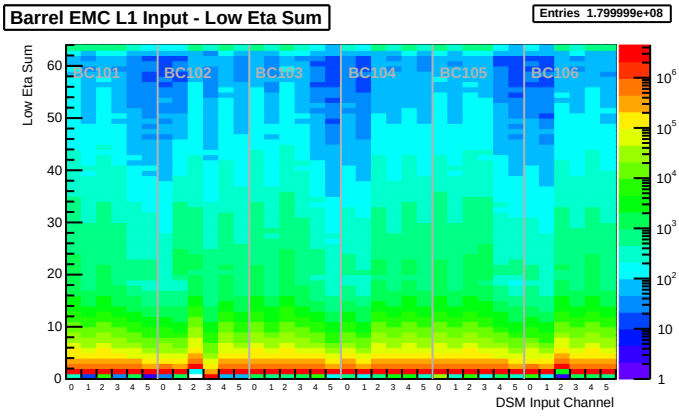
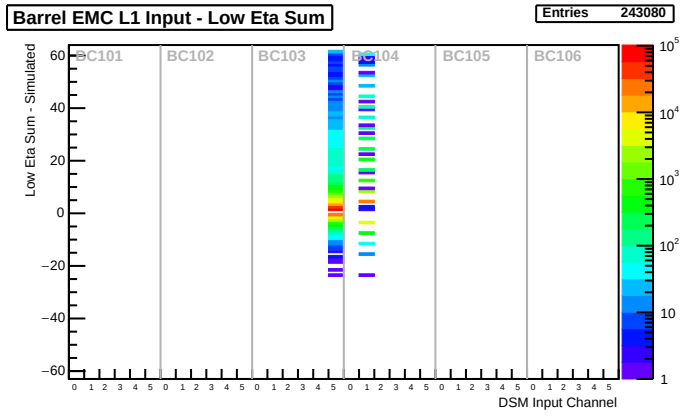

Barrel EMC L0 Input - High Tower
Entries 1.499999e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

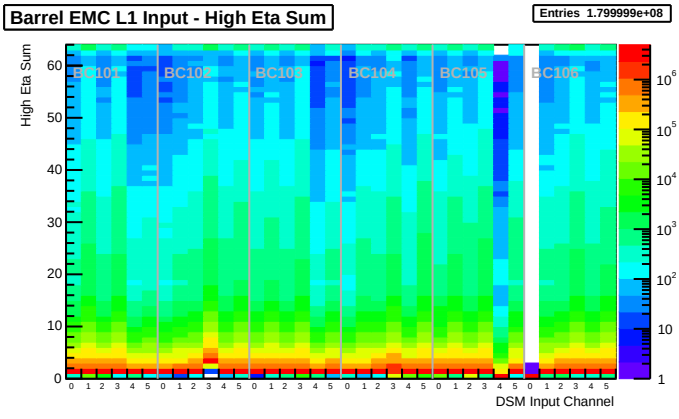

Barrel EMC L0 Input - Patch Sum
Entries 1.499999e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

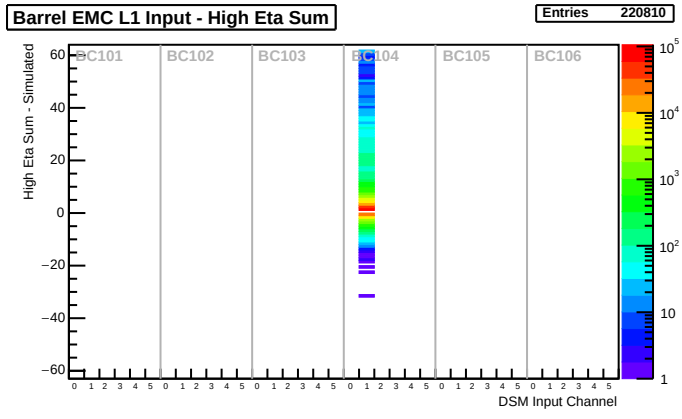

Endcap EMC L0 Input - High Tower
Entries 4.499996e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

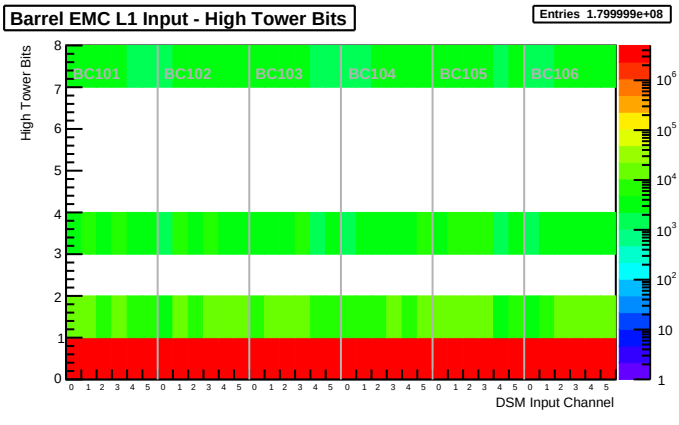

Endcap EMC L0 Input - Patch Sum
Entries 4.499996e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

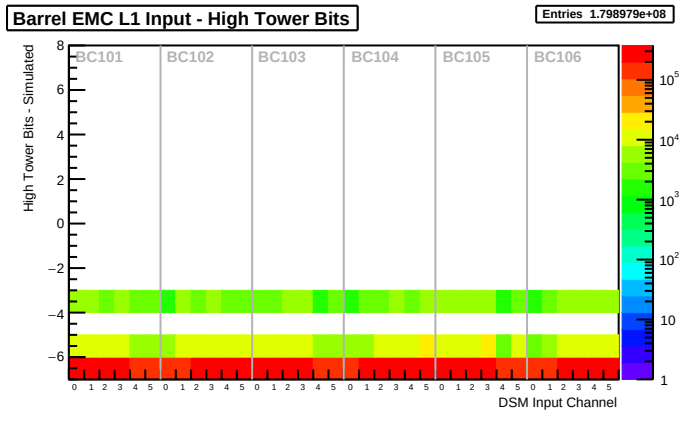

Barrel EMC L1 Input - Low Eta Sum
Entries 1.799999e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

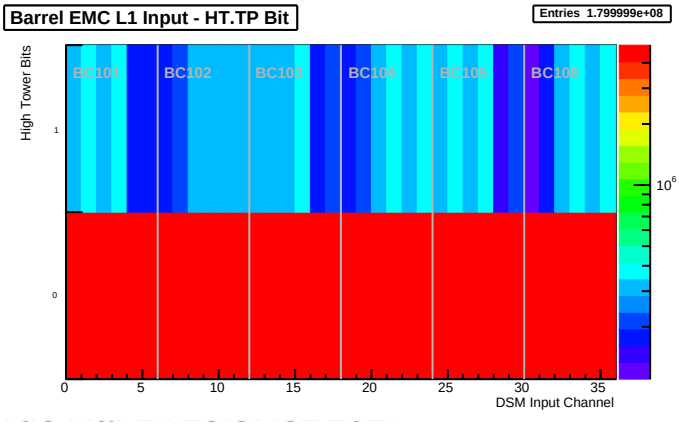

Barrel EMC L1 Input - Low Eta Sum
Entries 243080
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

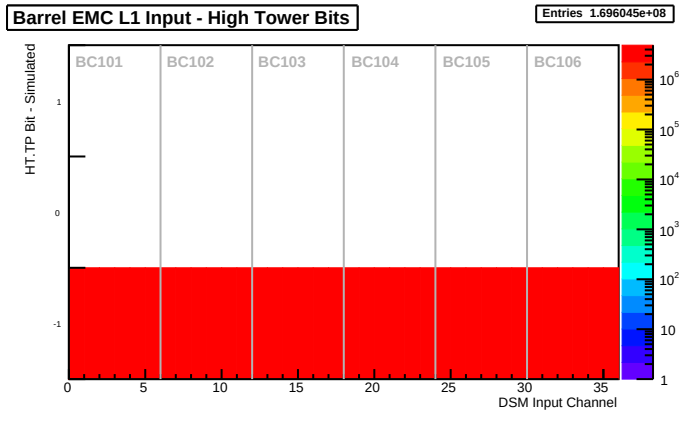

Barrel EMC L1 Input - High Eta Sum
Entries 1.799999e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

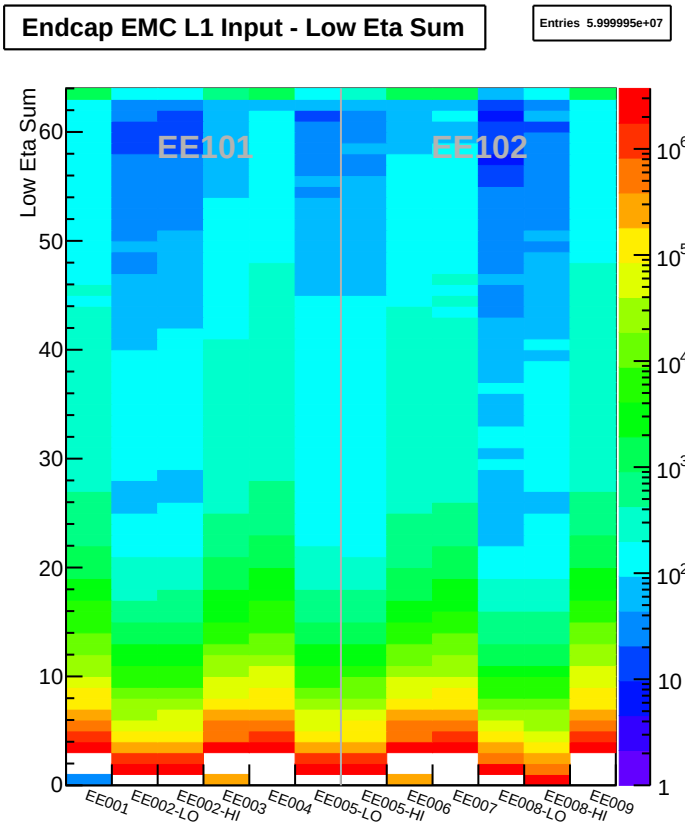

Barrel EMC L1 Input - High Eta Sum
Entries 220810
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

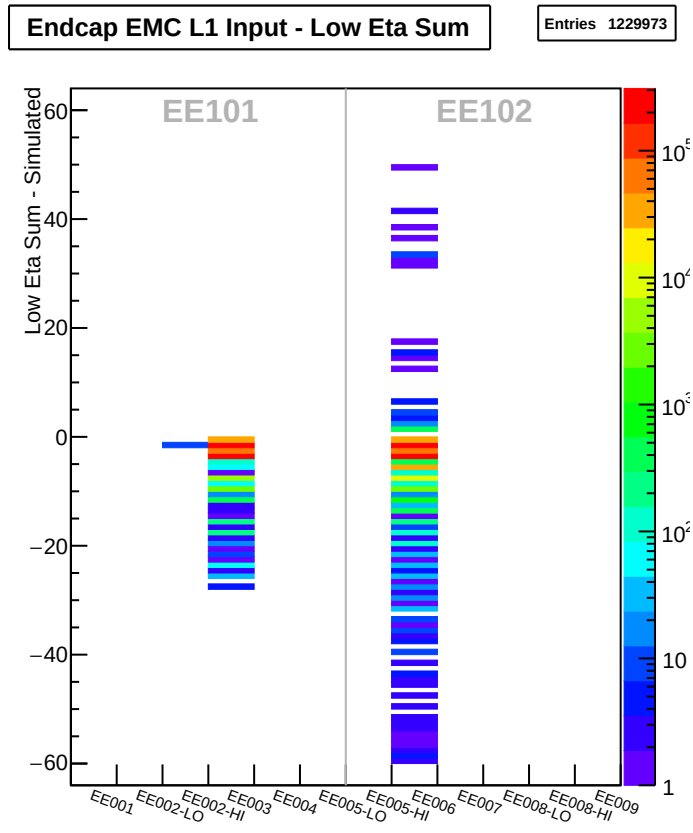

Barrel EMC L1 Input - High Tower Bits
Entries 1.799999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

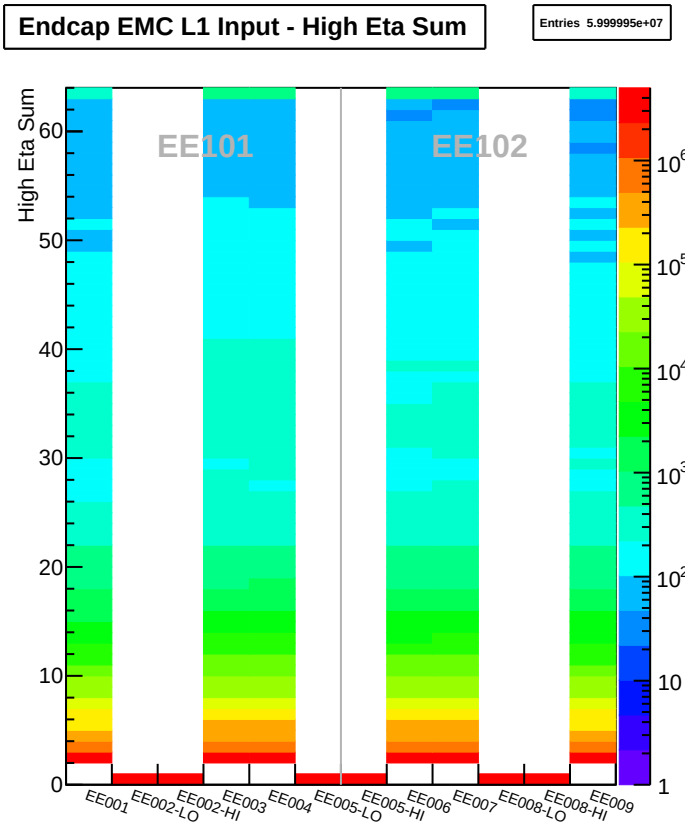

Barrel EMC L1 Input - High Tower Bits
Entries 1.798979e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

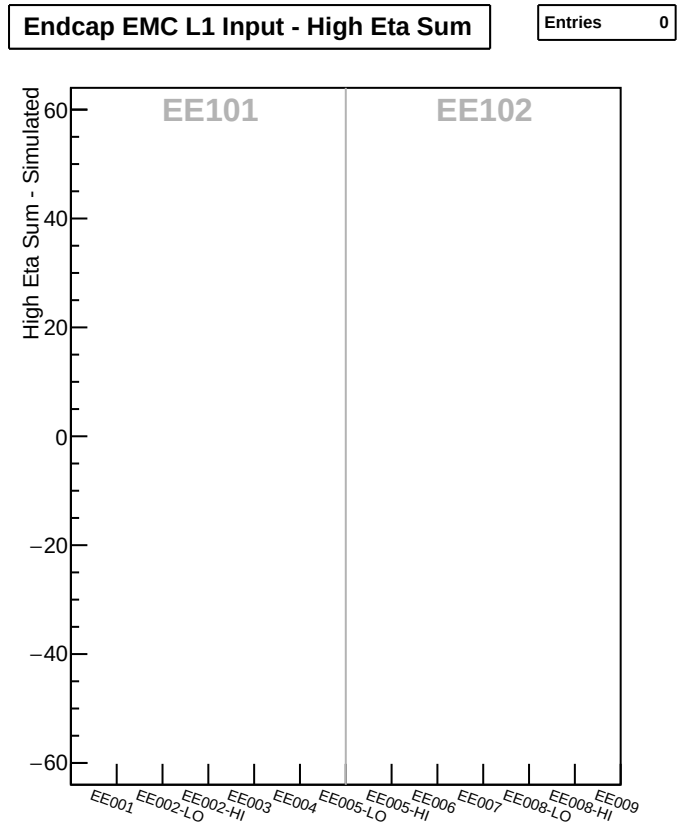

Barrel EMC L1 Input - HT.TP Bit
Entries 1.799999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

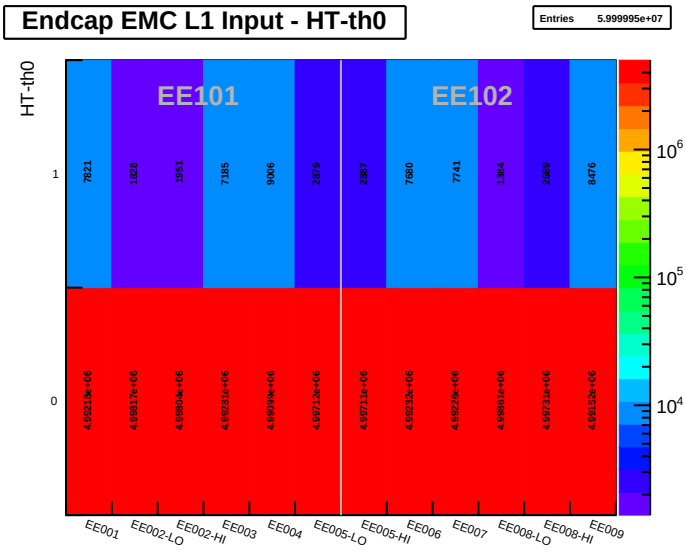

Barrel EMC L1 Input - High Tower Bits
Entries 1.696045e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

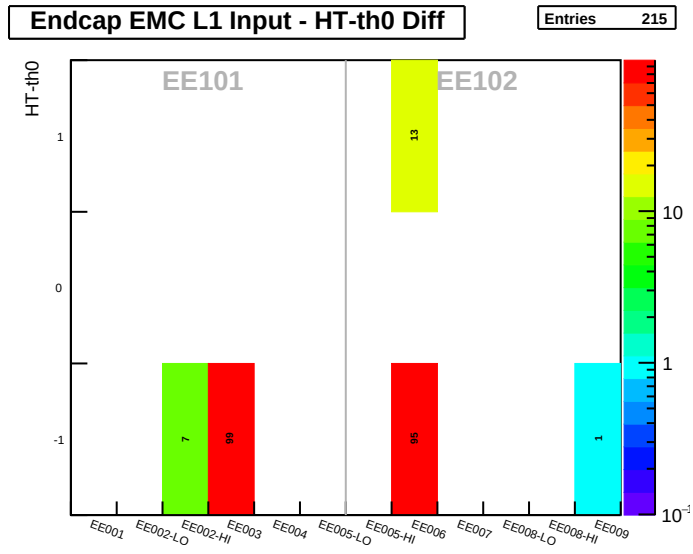

Endcap EMC L1 Input - Low Eta Sum
Entries 5.999995e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

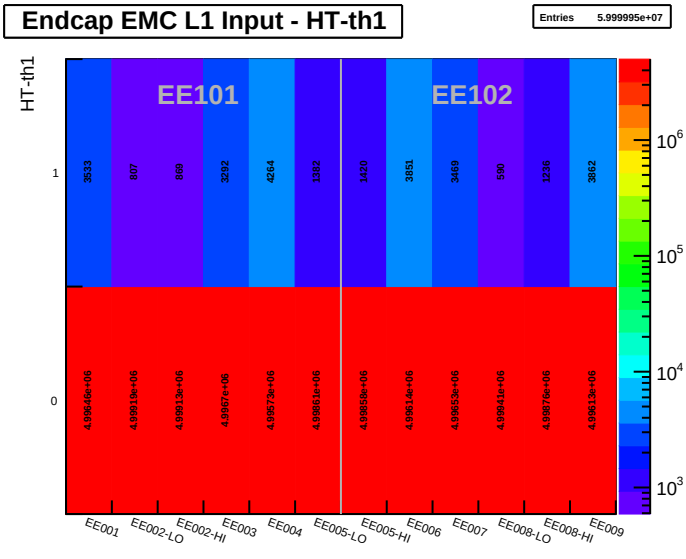

Endcap EMC L1 Input - Low Eta Sum
Entries 1229973
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

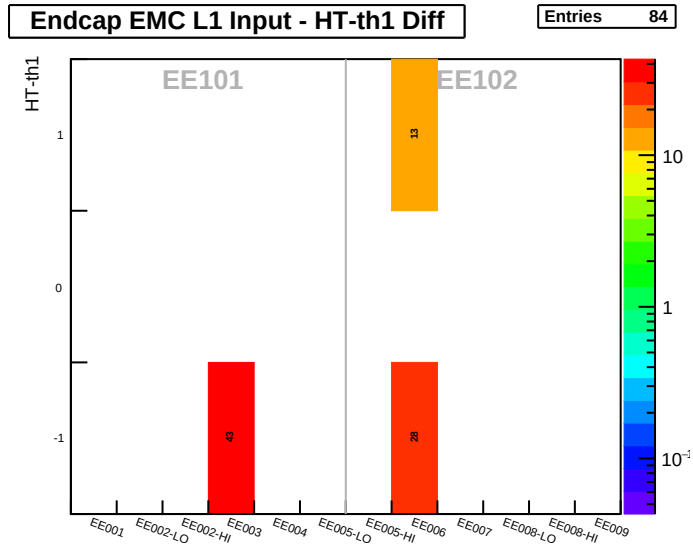

Endcap EMC L1 Input - High Eta Sum
Entries 5.999995e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

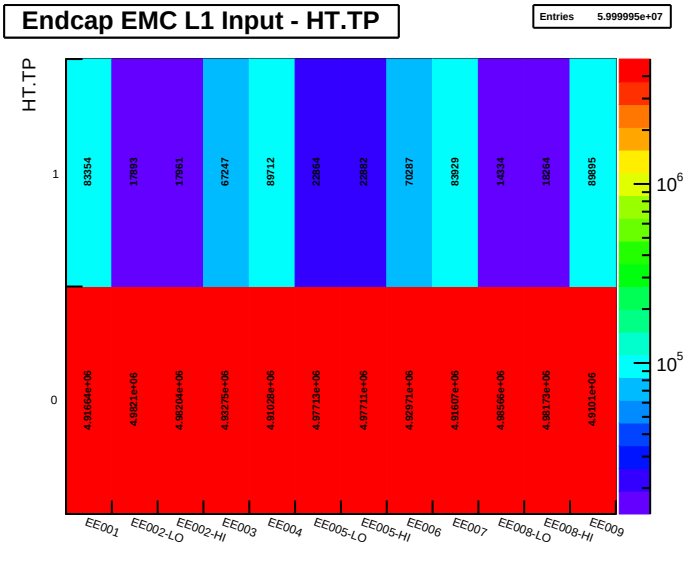

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

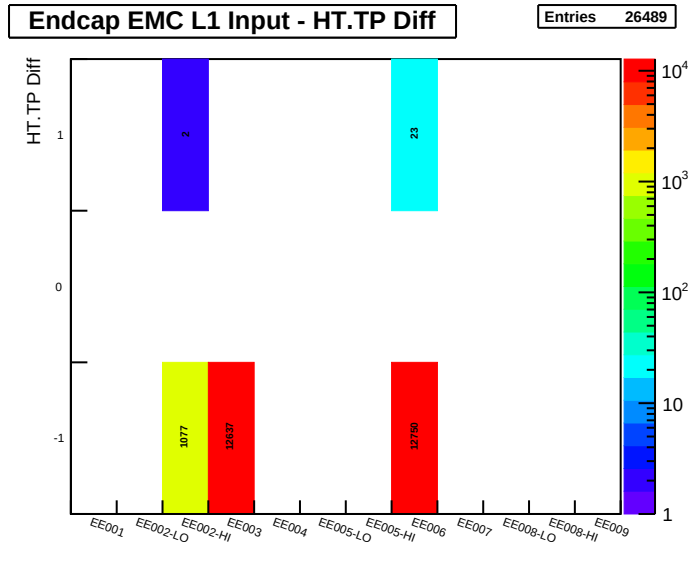

Endcap EMC L1 Input - HT-th0
Entries 5.999995e+07
HT-th0
EE101
EE102
7821 1928 1951 7185 9006 2879 2887 7680 7741 1284 2689 8476
4.99218e+06 4.99817e+06 4.99804e+06 4.99281e+06 4.99099e+06 4.99712e+06 4.99711e+06 4.99232e+06 4.99226e+06 4.99061e+06 4.99731e+06 4.99152e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

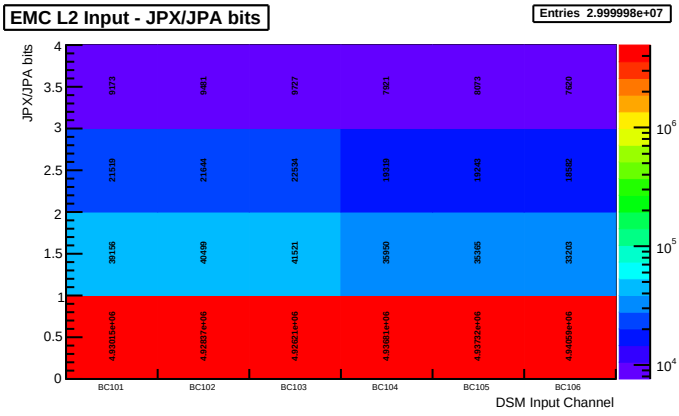

Endcap EMC L1 Input - HT-th0 Diff
Entries 215
HT-th0
EE101
EE102
13
7 99 95 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

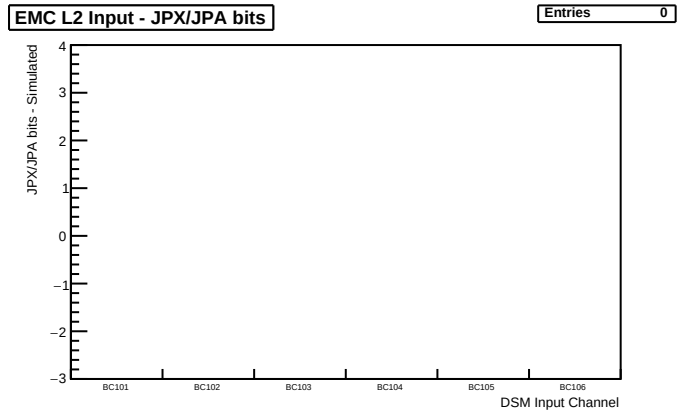

Endcap EMC L1 Input - HT-th1
Entries 5.999995e+07
HT-th1
EE101
EE102
3533 807 869 3292 4264 1382 1420 3851 3469 590 1236 3862
4.99646e+06 4.99919e+06 4.99913e+06 4.99967e+06 4.99573e+06 4.99861e+06 4.99858e+06 4.99614e+06 4.99653e+06 4.99941e+06 4.99876e+06 4.99613e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

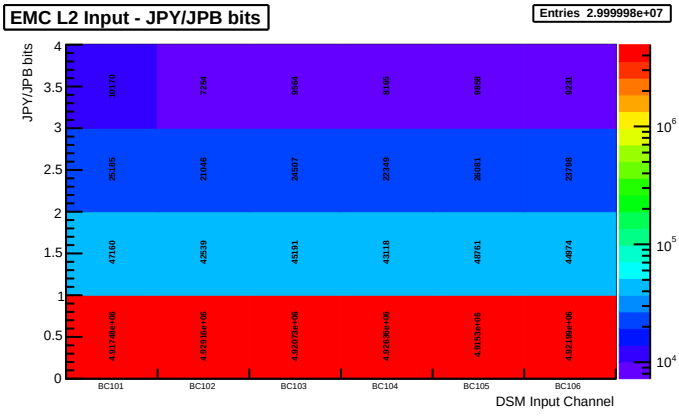

Endcap EMC L1 Input - HT-th1 Diff
Entries 84
HT-th1
EE101
EE102
13
43 28
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

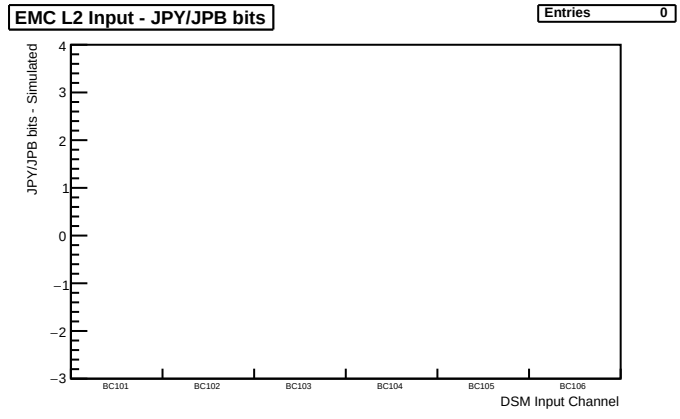

Endcap EMC L1 Input - HT.TP
Entries 5.999995e+07
HT.TP
83354 17993 17961 67247 89712 22864 22882 70287 83329 14334 18264 89895
4.91664e+06 4.98214e+06 4.98204e+06 4.93275e+06 4.91028e+06 4.97713e+06 4.97711e+06 4.92371e+06 4.91607e+06 4.98566e+06 4.98173e+06 4.91101e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

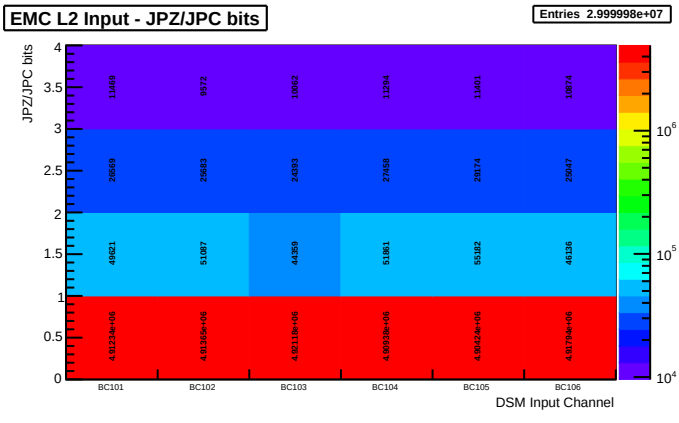

Endcap EMC L1 Input - HT.TP Diff
Entries 26489
HT.TP Diff
2
23
1077 12637 12750
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

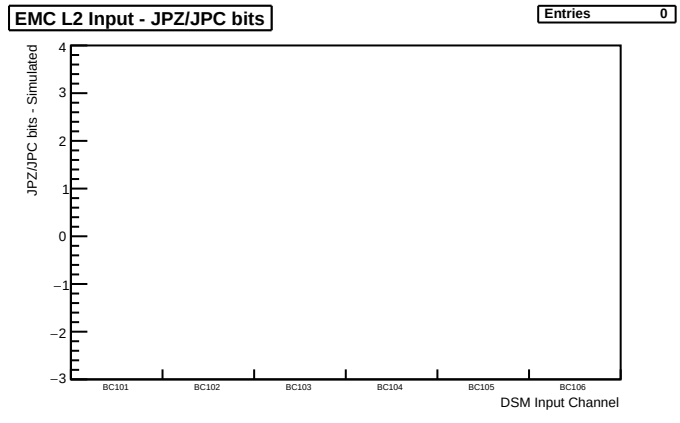

EMC L2 Input - JPX/JPA bits
Entries 2.999998e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9173
9431
9727
7921
8073
7620
21519
21644
22534
19319
19243
18592
39156
40499
41521
35950
35365
33203
4.93015e+06
4.92837e+06
4.92621e+06
4.93081e+06
4.93722e+06
4.94059e+06

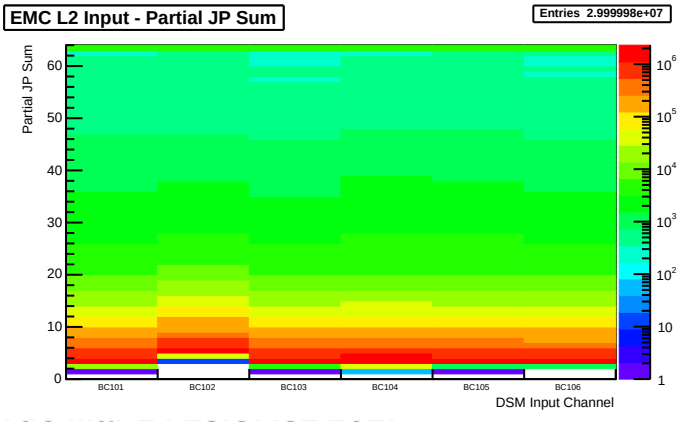

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

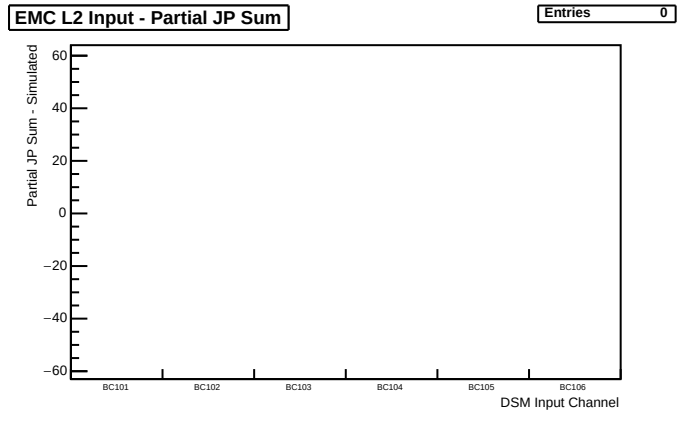

EMC L2 Input - JPY/JPB bits
Entries 2.999998e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10170
7754
9564
8165
9898
9231
25185
21046
24507
22349
26081
23798
47160
42539
45191
43118
48761
44974
4.91748e+06
4.92316e+06
4.92073e+06
4.92538e+06
4.9153e+06
4.92189e+06

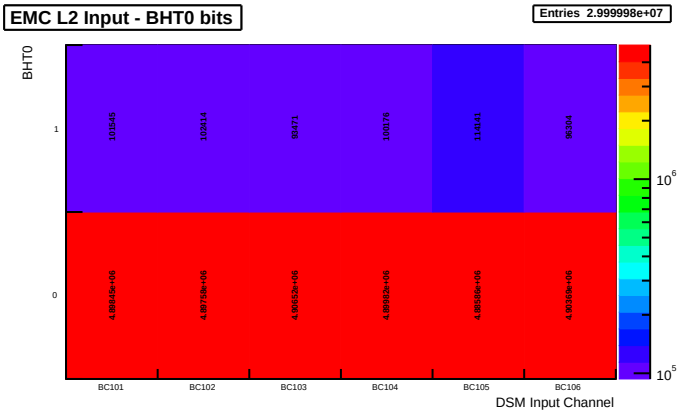

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

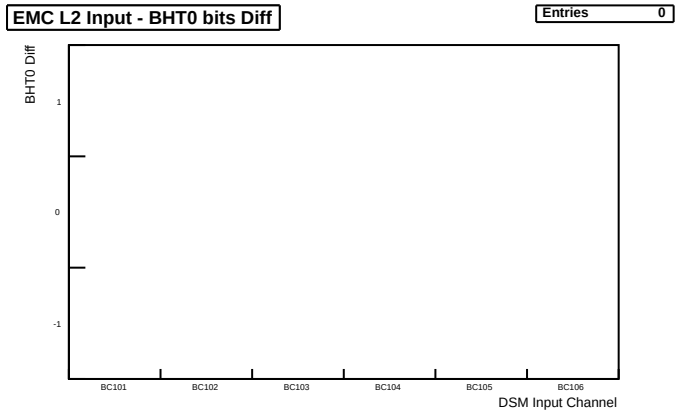

EMC L2 Input - JPZ/JPC bits
Entries 2.999998e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11449
9572
10652
11234
11401
10874
28569
29533
24393
27458
29174
29047
49621
51097
44359
51861
55182
46136
4.91234e+06
4.91355e+06
4.92118e+06
4.90938e+06
4.90424e+06
4.91794e+06

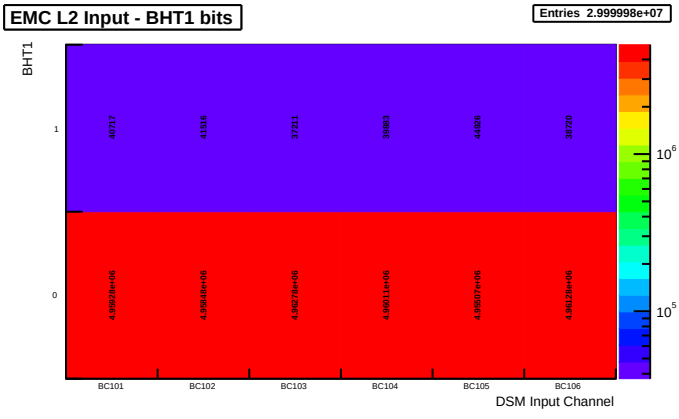

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

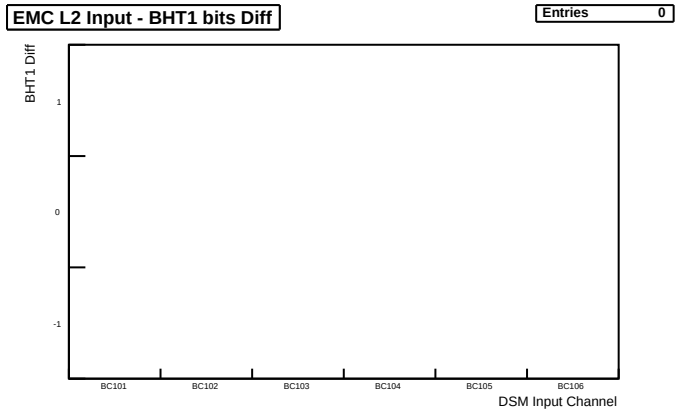

EMC L2 Input - Partial JP Sum
Entries 2.999998e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

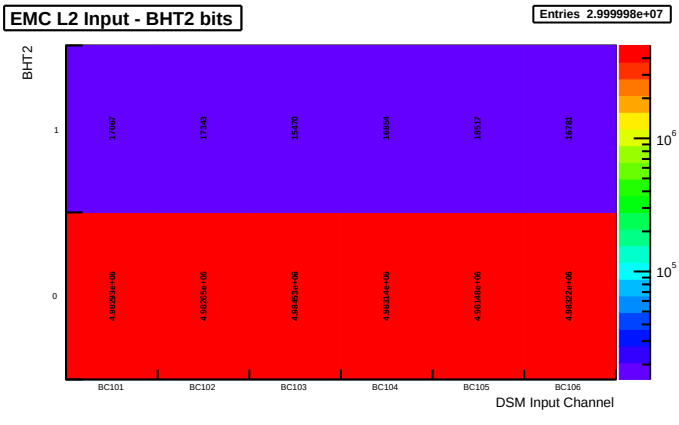

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

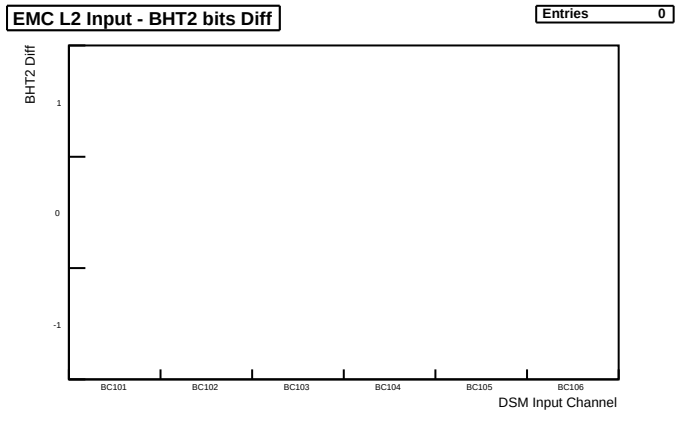

EMC L2 Input - BHT0 bits
Entries 2.999998e+07
BHT0
1
0
101545
102114
99471
100176
114441
96304
4.89849e+06
4.89759e+06
4.90652e+06
4.89982e+06
4.89986e+06
4.90369e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

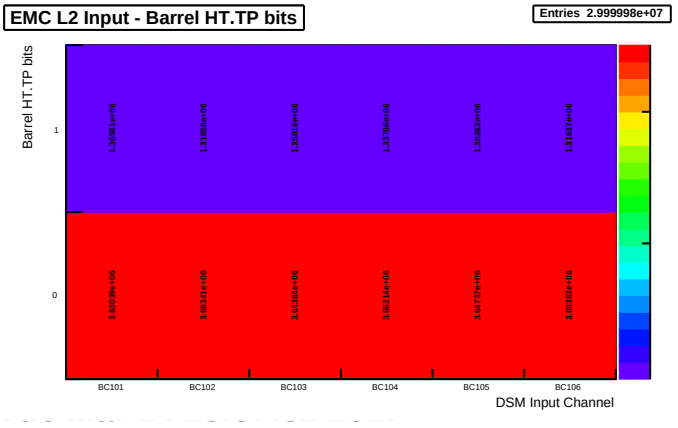

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

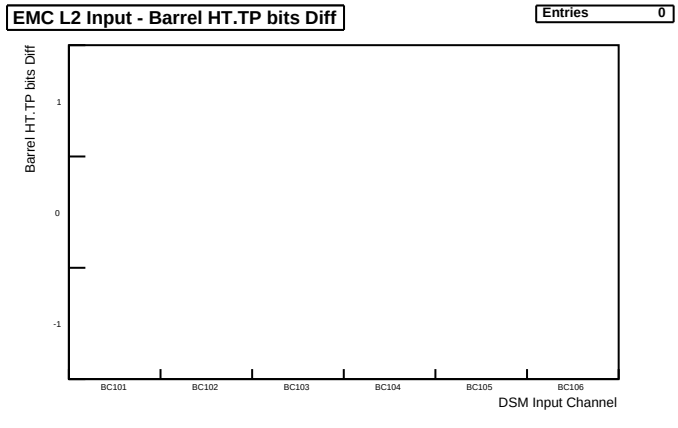

EMC L2 Input - BHT1 bits
Entries 2.999998e+07
BHT1
1
0
40717
41516
37211
39883
44926
39720
4.99928e+06
4.99849e+06
4.96278e+06
4.99011e+06
4.99907e+06
4.96128e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

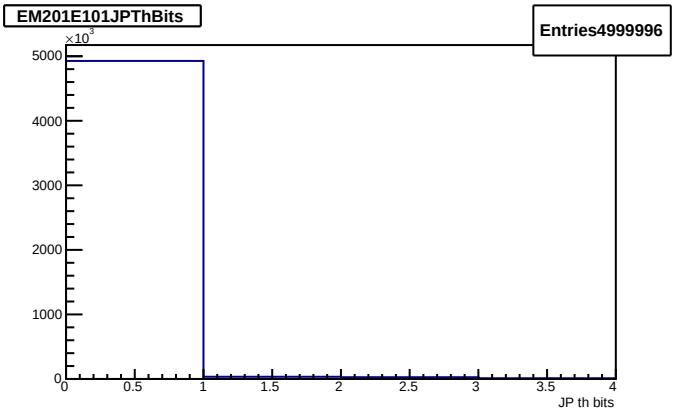

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

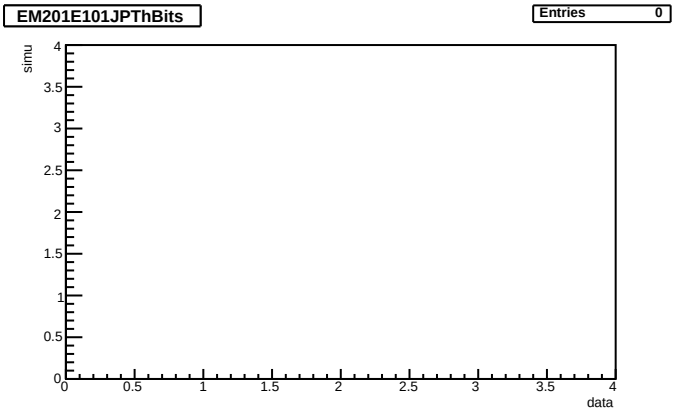

EMC L2 Input - BHT2 bits
Entries 2.999998e+07
BHT2
1
0
17067
17243
15470
16654
18517
16781
4.98293e+06
4.98285e+06
4.98463e+06
4.98314e+06
4.98148e+06
4.98322e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

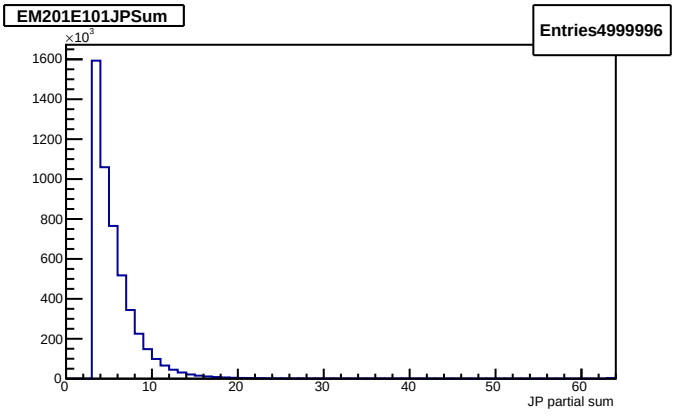

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

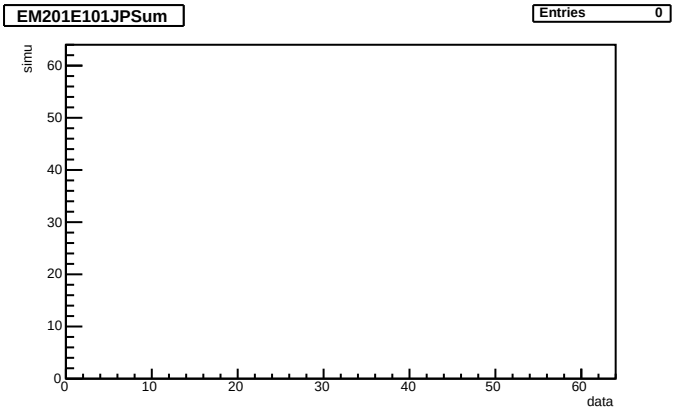

EMC L2 Input - Barrel HT.TP bits
Entries 2.999998e+07
Barrel HT.TP bits
1
0
1.36861e+06
1.31158e+06
1.35616e+06
1.33786e+06
1.35262e+06
1.31637e+06
3.63739e+06
3.68341e+06
3.64394e+06
3.66214e+06
3.64727e+06
3.68363e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

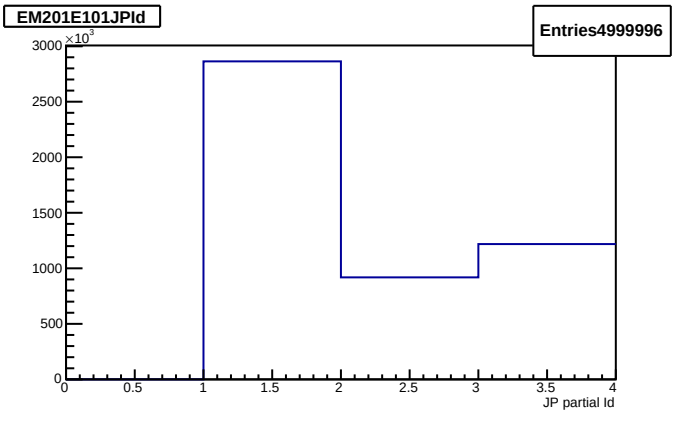

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

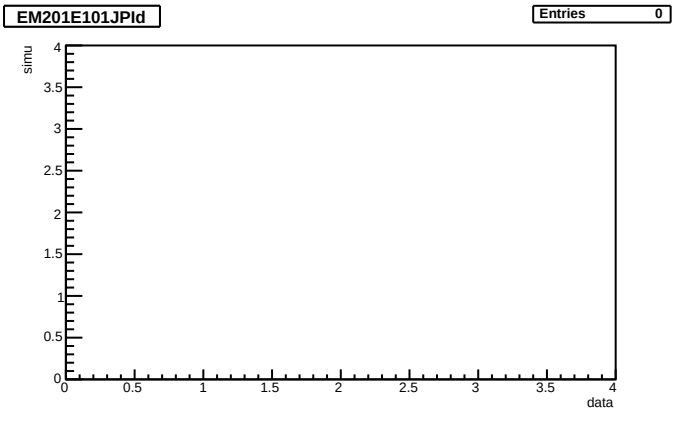

EM201E101JPThBits
Entries4999996
×10^3
JP th bits

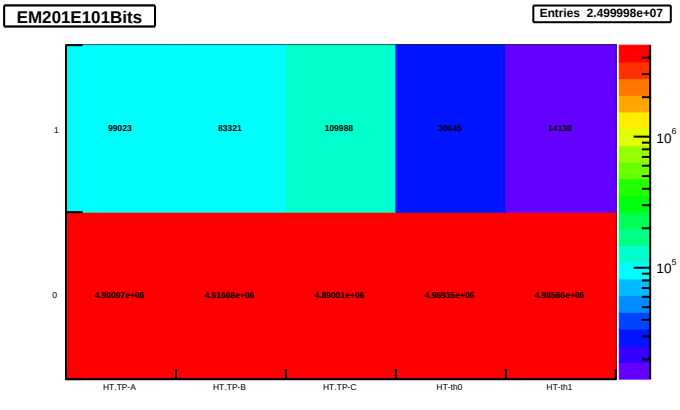

EM201E101JPThBits
Entries 0
simu
data

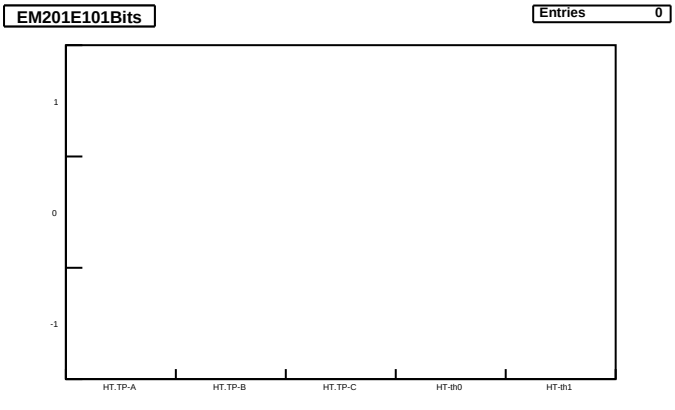

EM201E101JPSum
Entries4999996
×10^3
JP partial sum

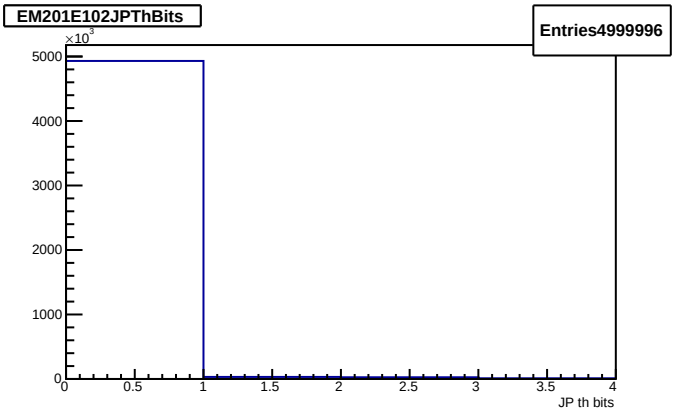

EM201E101JPSum
Entries 0
simu
data

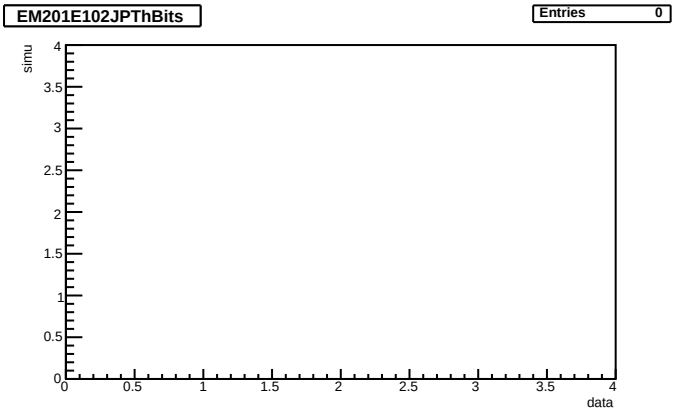

EM201E101JPId
Entries4999996
×10^3
JP partial Id

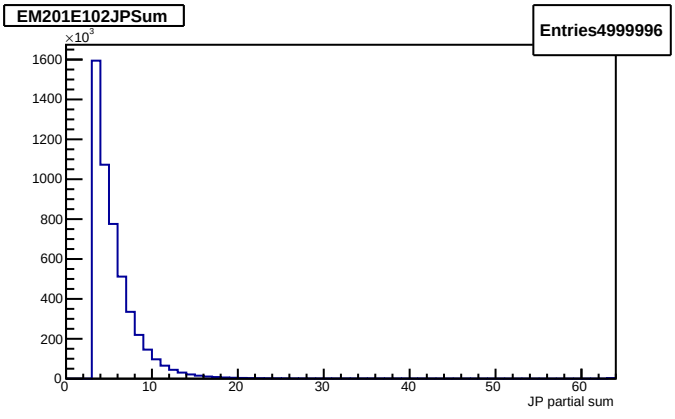

EM201E101JPId
Entries 0
simu
data

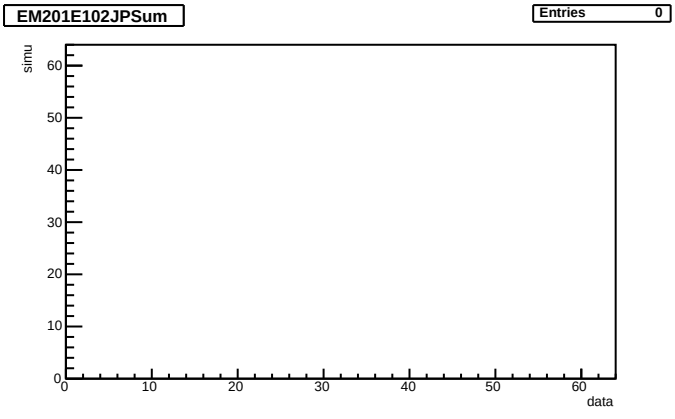

EM201E101Bits
Entries 2.499998e+07
99023
83321
109988
30645
14138
4.90097e+06
4.91668e+06
4.89001e+06
4.96935e+06
4.98586e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

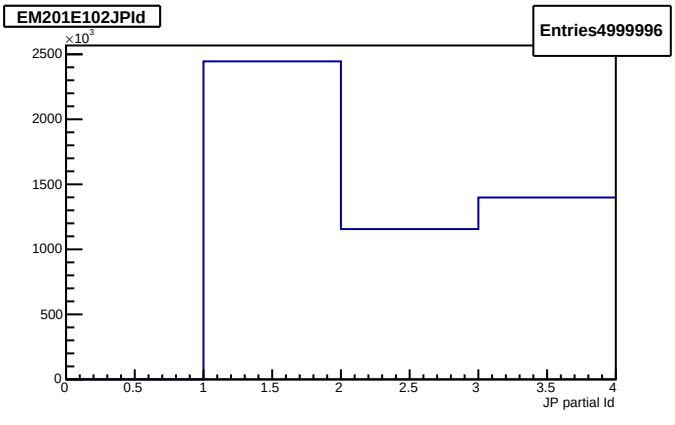

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

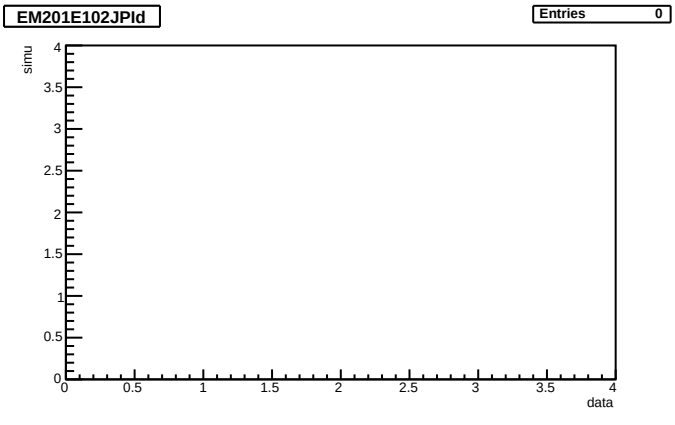

EM201E102JPThBits
Entries4999996
×10^3
JP th bits

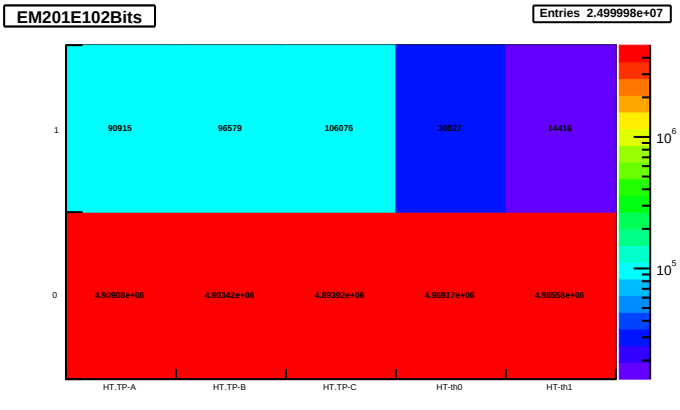

EM201E102JPThBits
Entries 0
simu
data

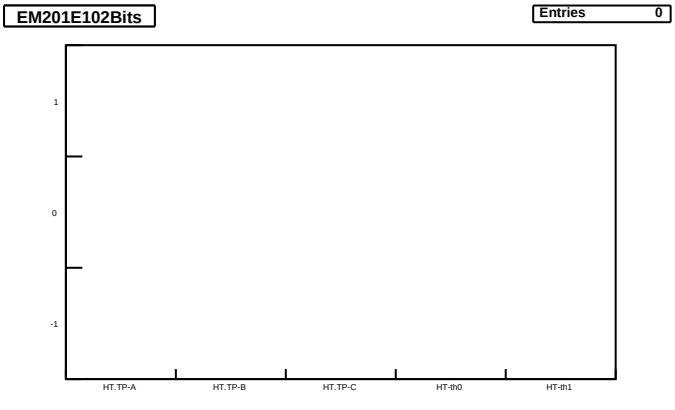

EM201E102JPSum
Entries4999996
×10^3
JP partial sum

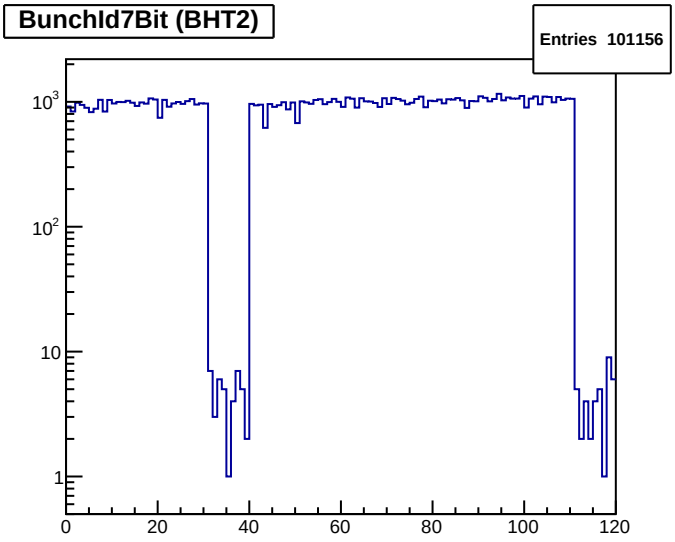

EM201E102JPSum
Entries 0
simu
data

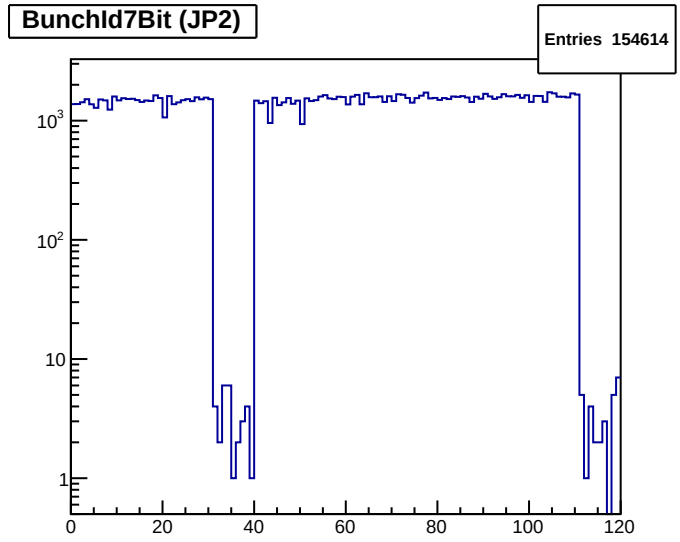

EM201E102JPId
Entries4999996
×10^3
JP partial Id

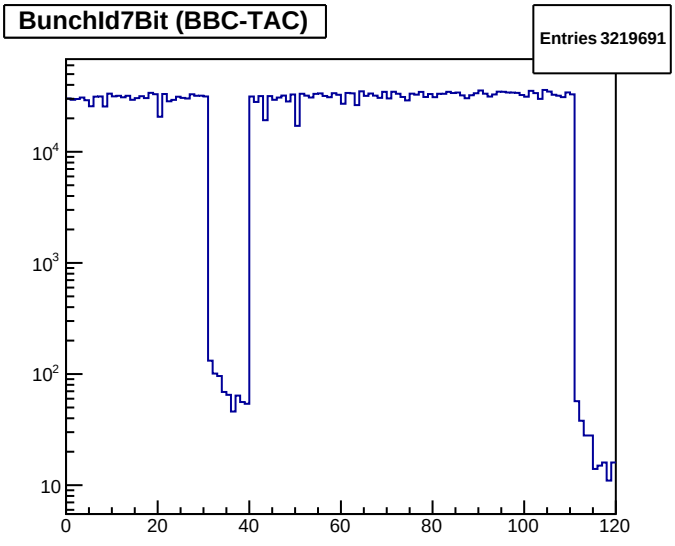

EM201E102JPId
Entries 0
simu
data

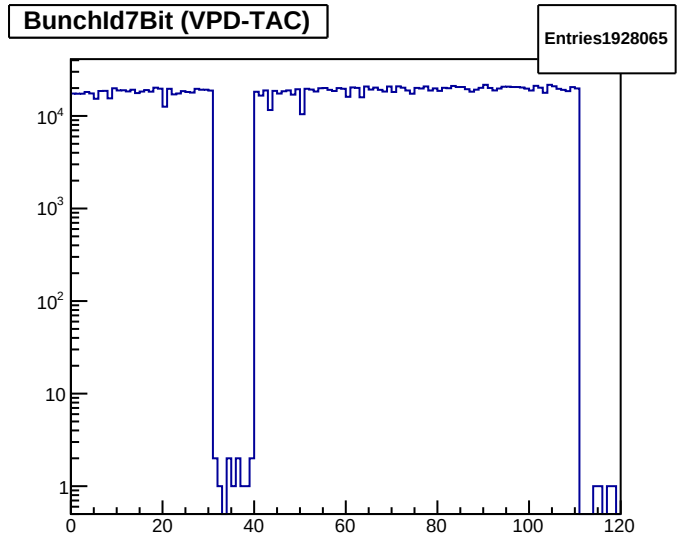

EM201E102Bits
Entries 2.499998e+07
90915
96579
106076
30827
14416
4.90908e+06
4.90342e+06
4.89392e+06
4.96917e+06
4.98558e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

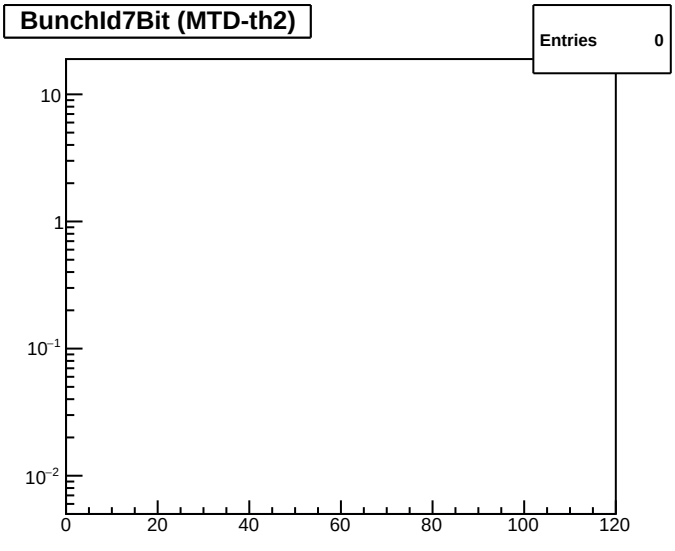

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

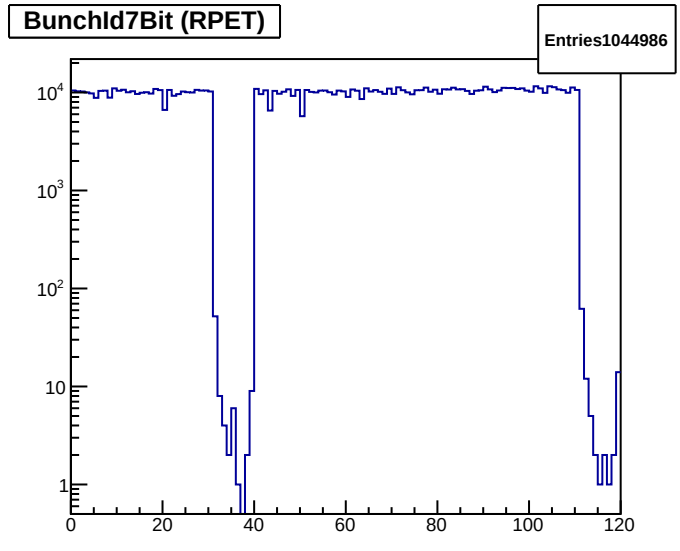

BunchId7Bit (BHT2)
Entries 101156

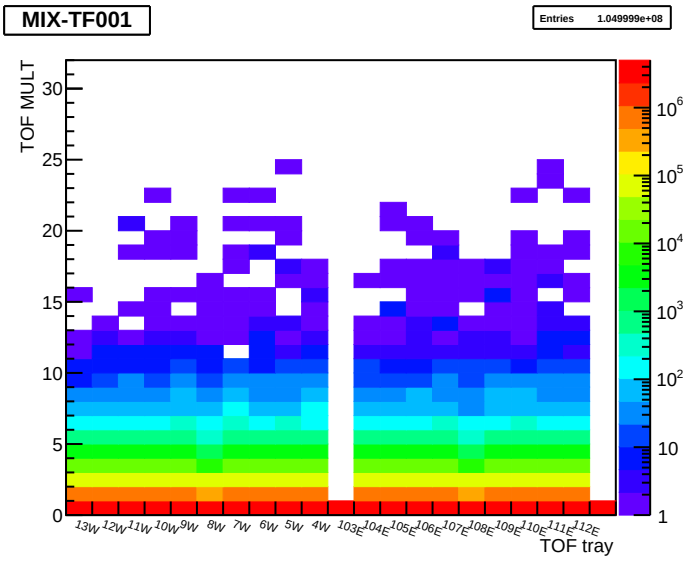

BunchId7Bit (JP2)
Entries 154614

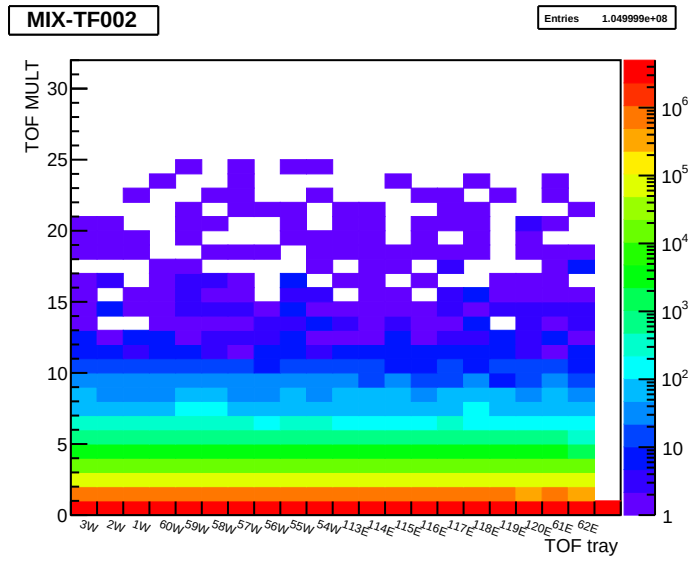

BunchId7Bit (BBC-TAC)
Entries 3219691

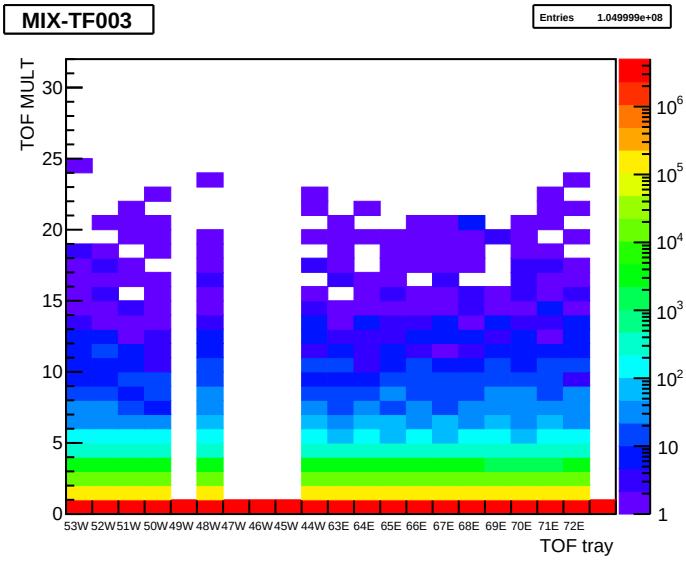

BunchId7Bit (VPD-TAC)
Entries1928065

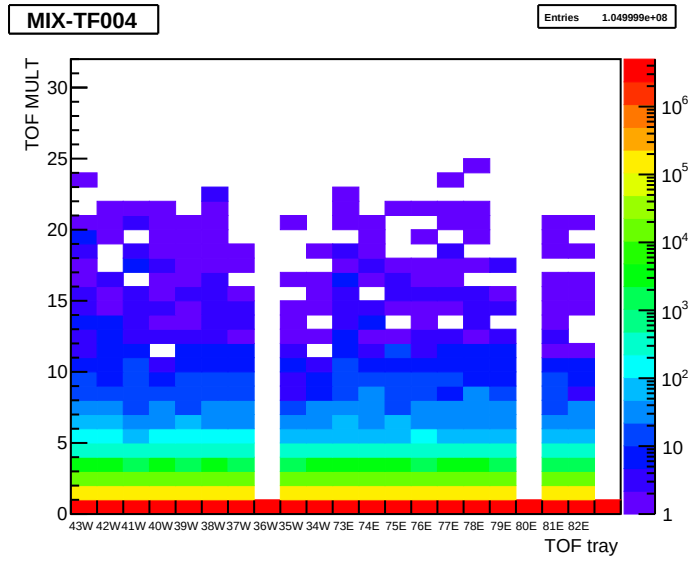

BunchId7Bit (MTD-th2)
Entries 0

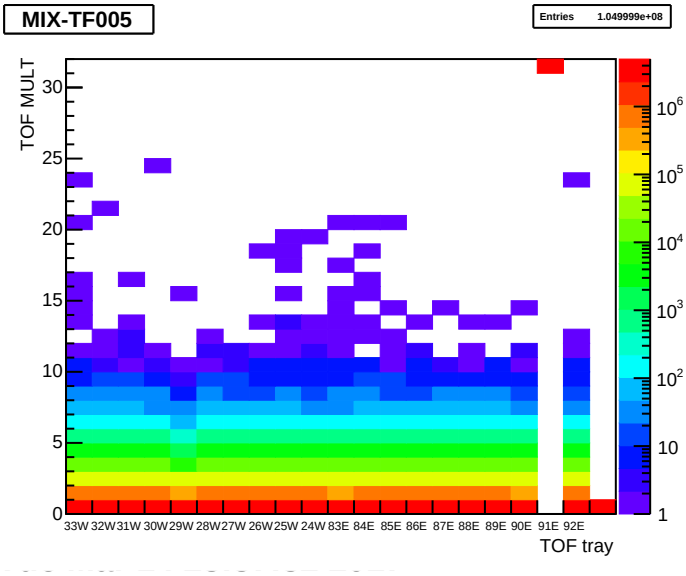

BunchId7Bit (RPET)
Entries1044986

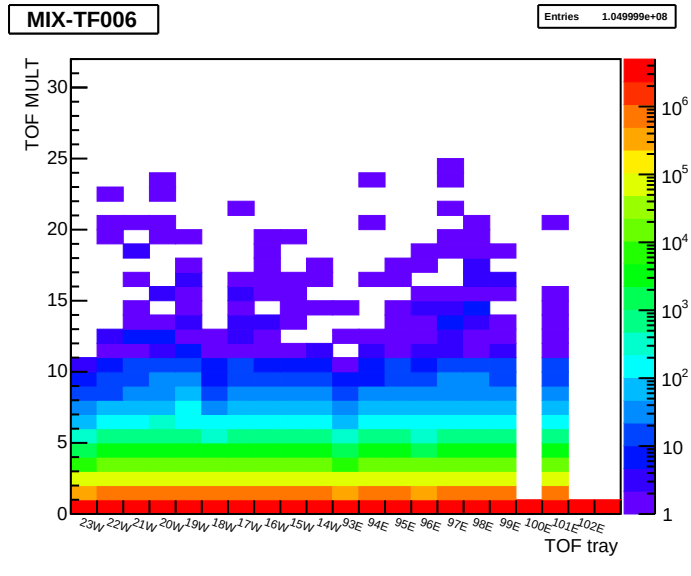

MIX-TF001
Entries 1.049999e+08
TOF MULT
TOF tray

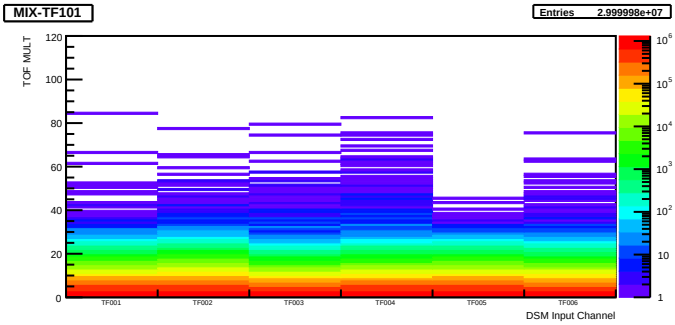

MIX-TF002
Entries 1.049999e+08
TOF MULT
TOF tray

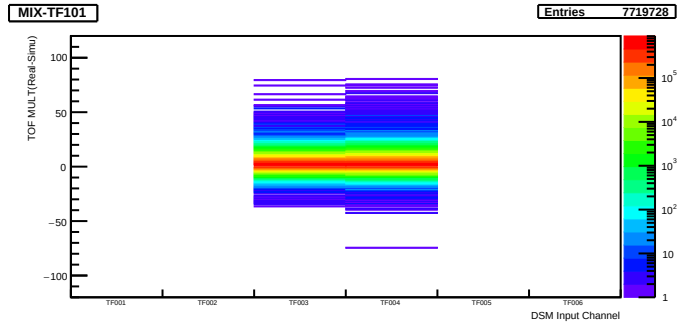

MIX-TF003
Entries 1.049999e+08
TOF MULT
TOF tray

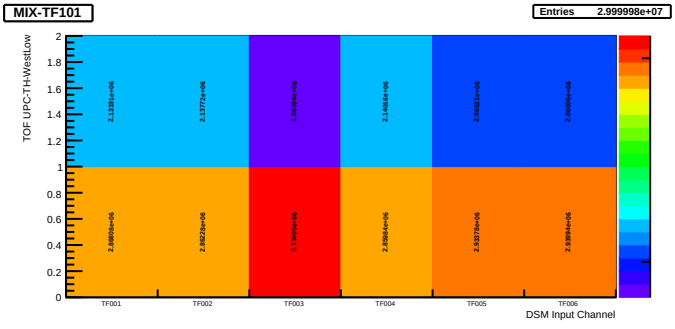

MIX-TF004
Entries 1.049999e+08
TOF MULT
TOF tray

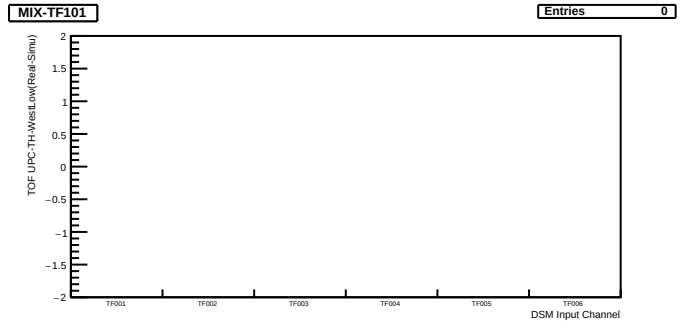

MIX-TF005
Entries 1.049999e+08
TOF MULT
TOF tray

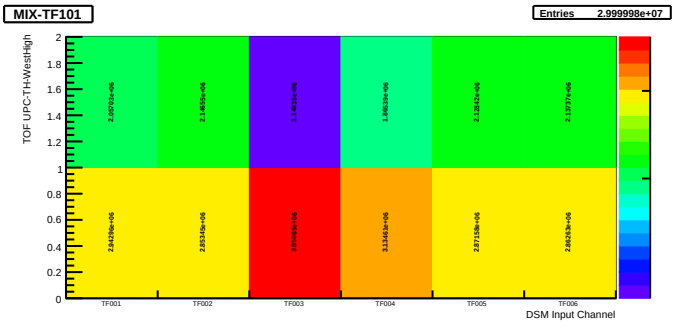

MIX-TF006
Entries 1.049999e+08
TOF MULT
TOF tray

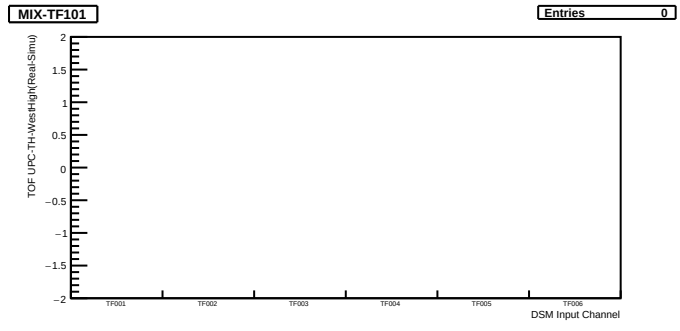

MIX-TF101
Entries 2.999998e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

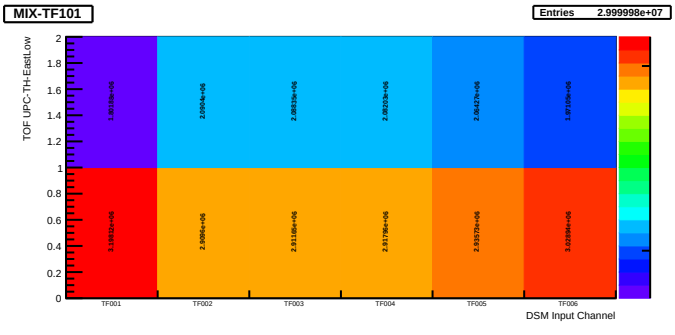

MIX-TF101
Entries 7719728
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

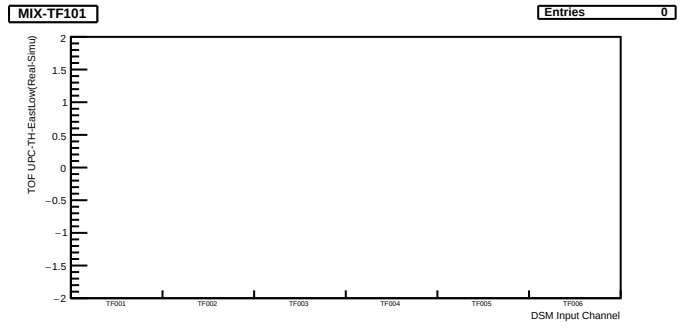

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

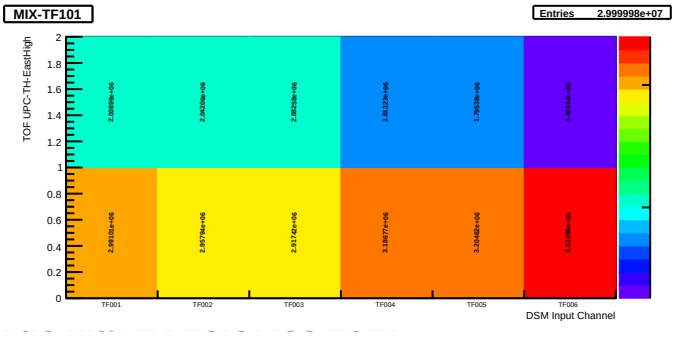

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

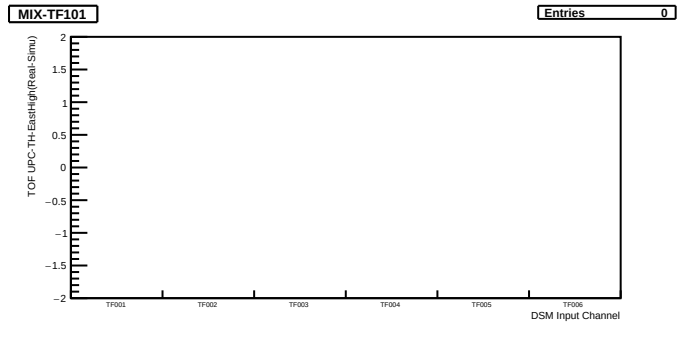

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

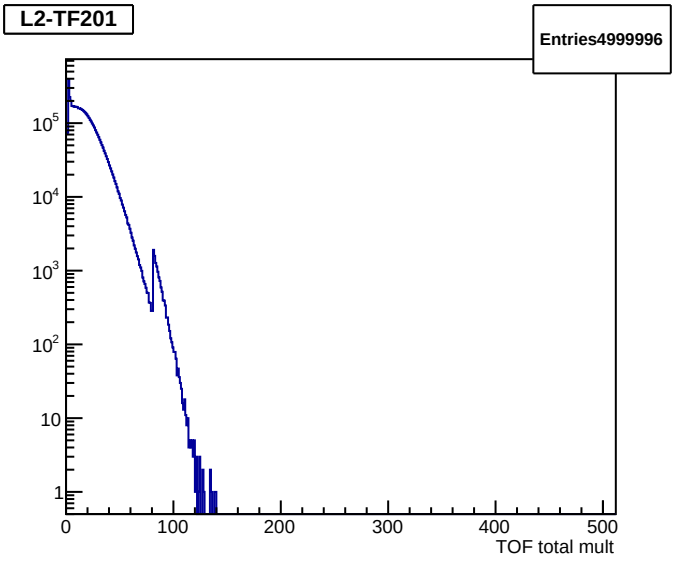

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

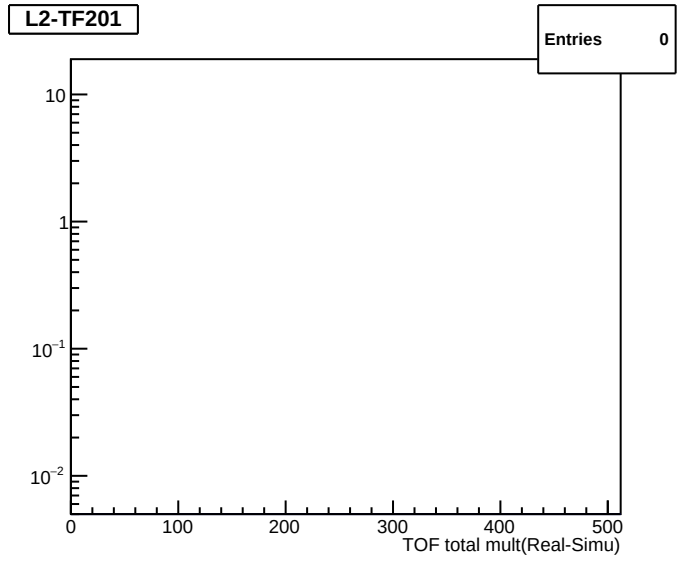

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

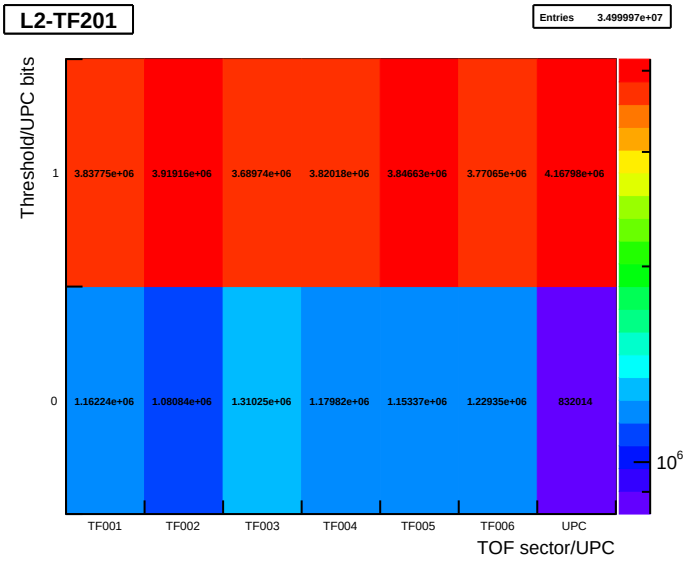

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

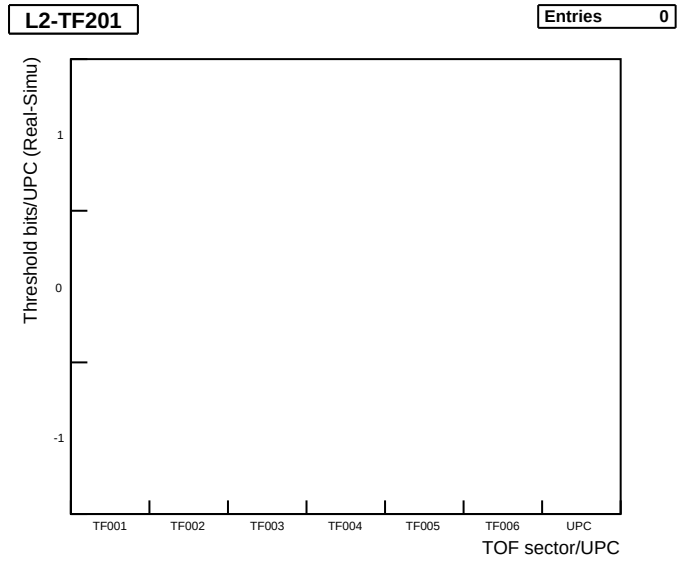

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

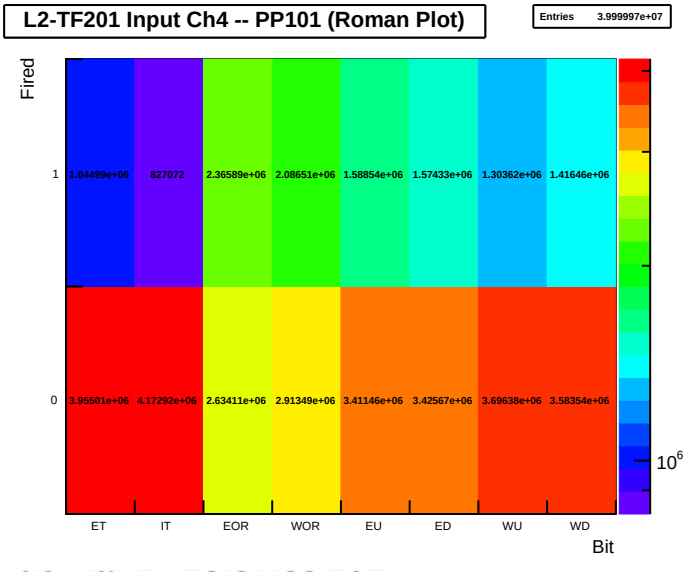

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

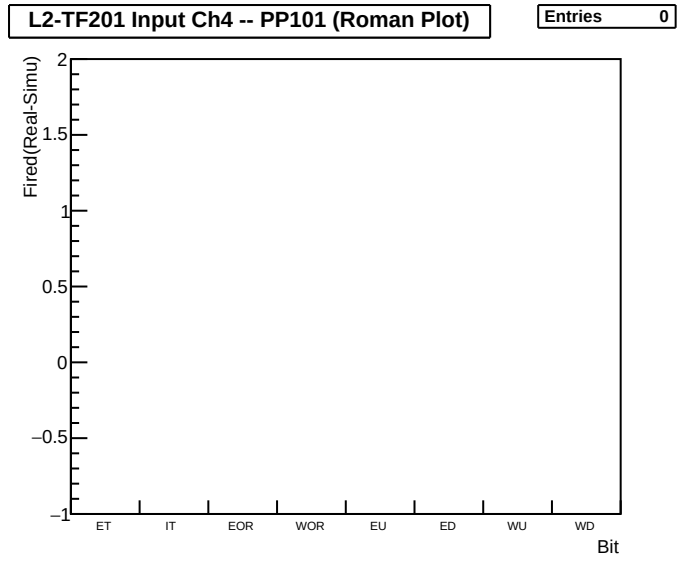

L2-TF201
Entries4999996
TOF total mult

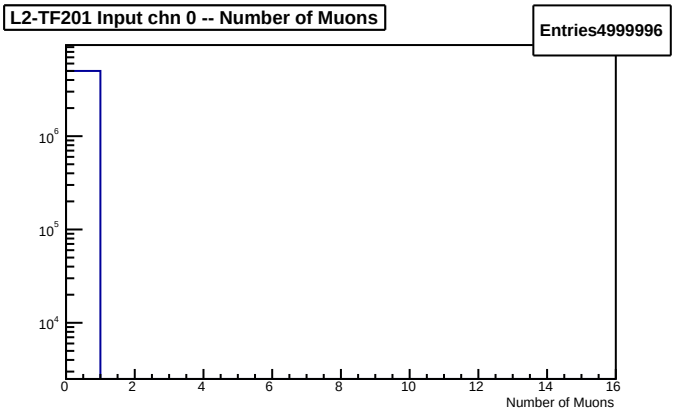

L2-TF201
Entries 0
TOF total mult(Real-Simu)

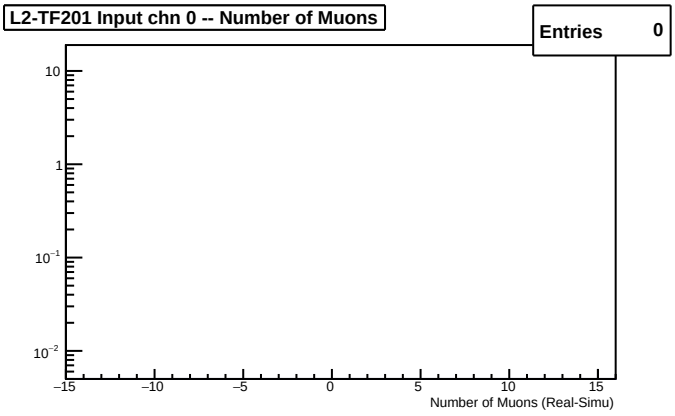

L2-TF201
Entries 3.499997e+07
Threshold/UPC bits
3.83775e+06
3.91916e+06
3.68974e+06
3.82018e+06
3.84663e+06
3.77065e+06
4.16798e+06
1.16224e+06
1.08084e+06
1.31025e+06
1.17982e+06
1.15337e+06
1.22935e+06
832014
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

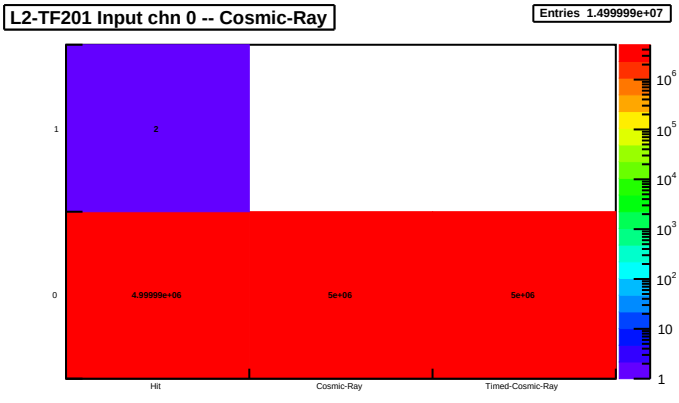

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

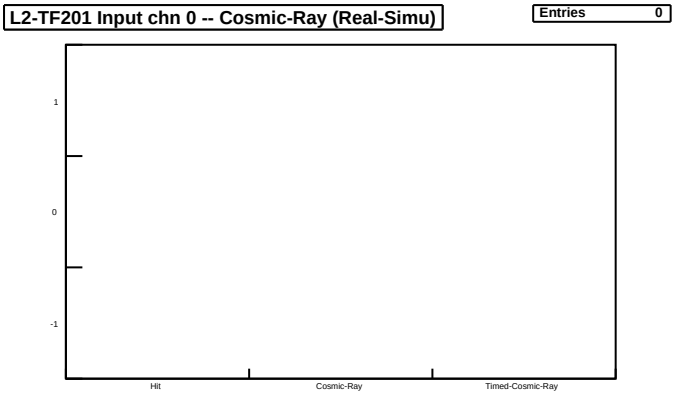

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.999997e+07
Fired
1.04499e+06
827072
2.36589e+06
2.08651e+06
1.58854e+06
1.57433e+06
1.30362e+06
1.41646e+06
3.95501e+06
4.17292e+06
2.63411e+06
2.91349e+06
3.41146e+06
3.42567e+06
3.69638e+06
3.58354e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

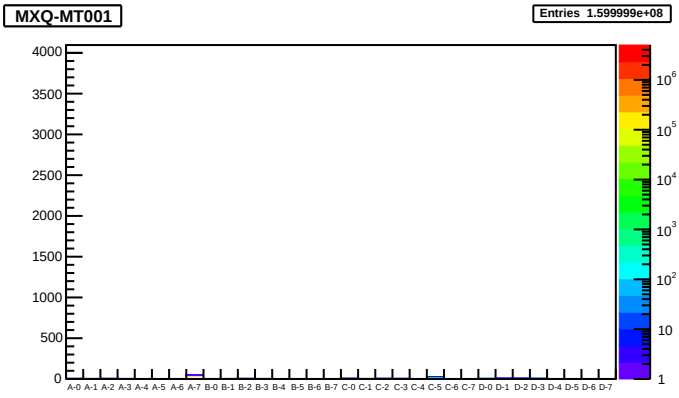

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

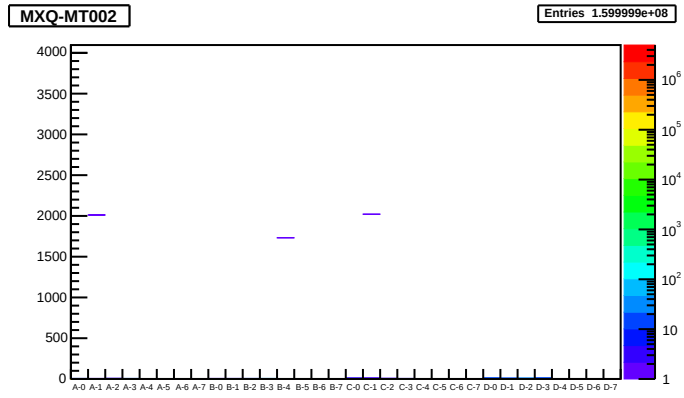

L2-TF201 Input chn 0 -- Number of Muons
Entries4999996
Number of Muons

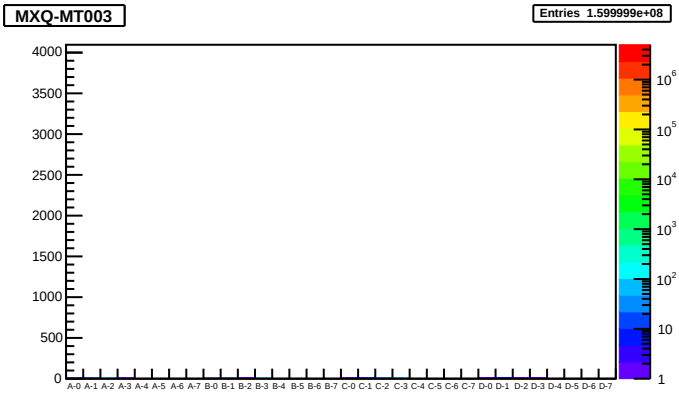

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

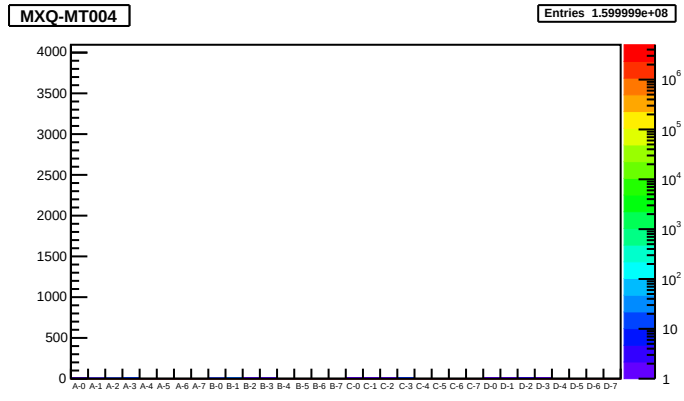

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.499999e+07
2
4.99999e+06
5e+06
5e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

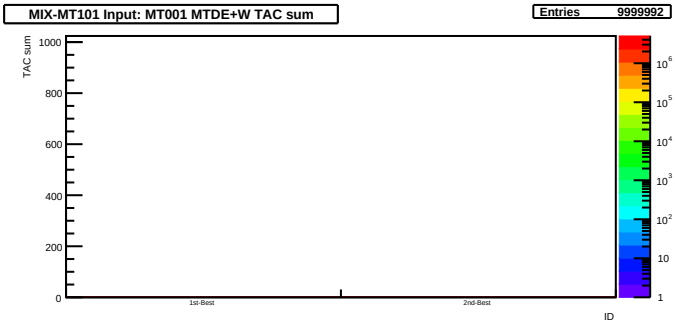

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

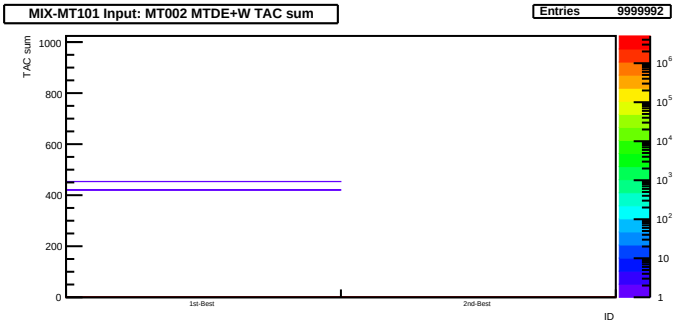

MXQ-MT001
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

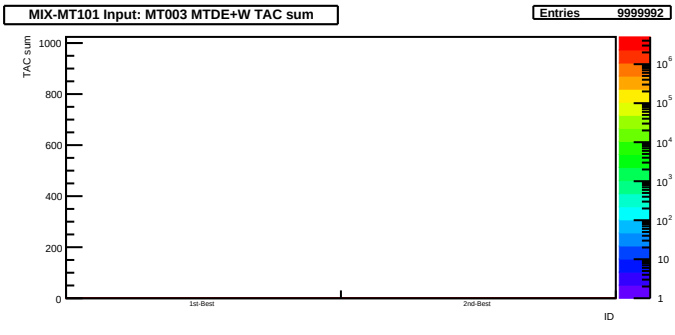

MXQ-MT002
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

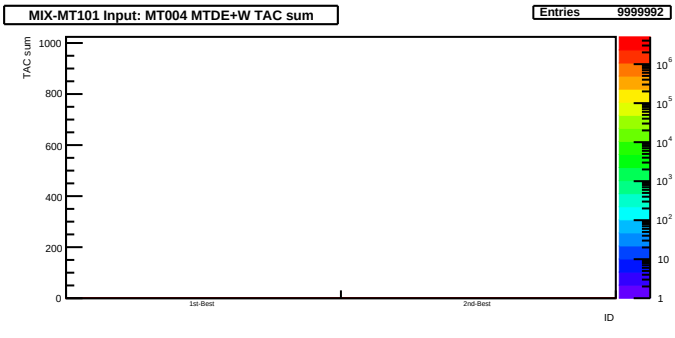

MXQ-MT003
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

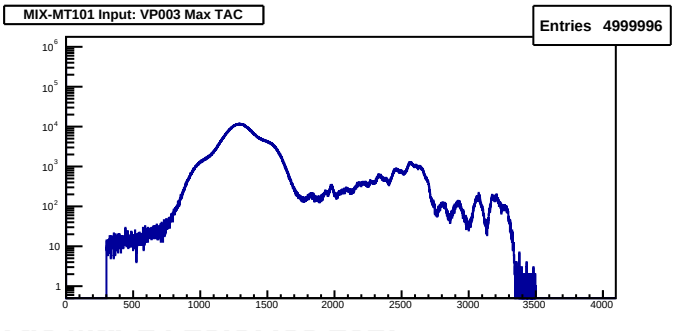

MXQ-MT004
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

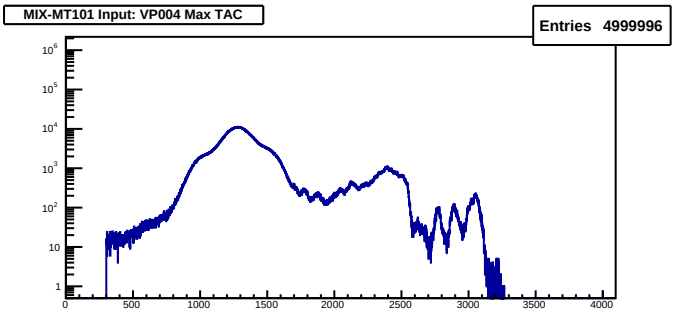

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9999992
TAC sum
1st-Best
2nd-Best
ID

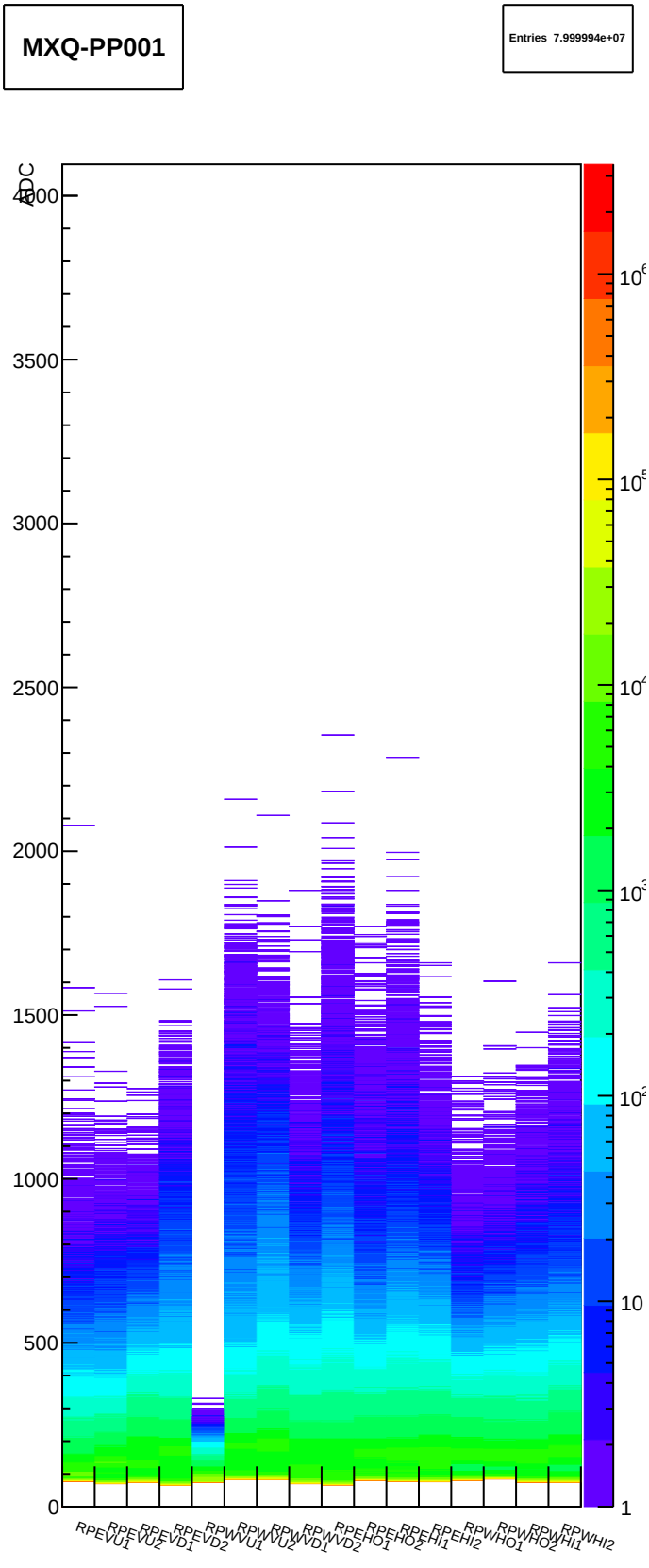

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9999992
TAC sum
1st-Best
2nd-Best
ID

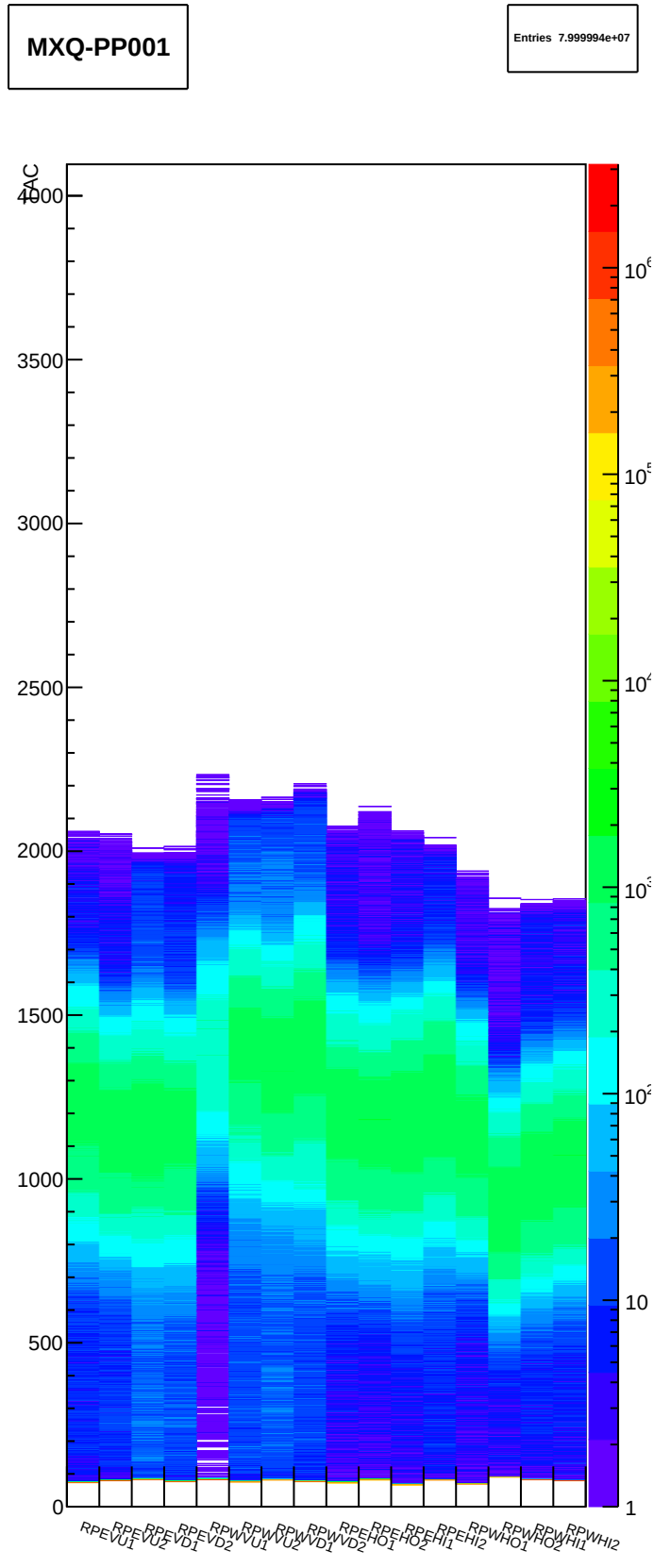

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9999992
TAC sum
1st-Best
2nd-Best
ID

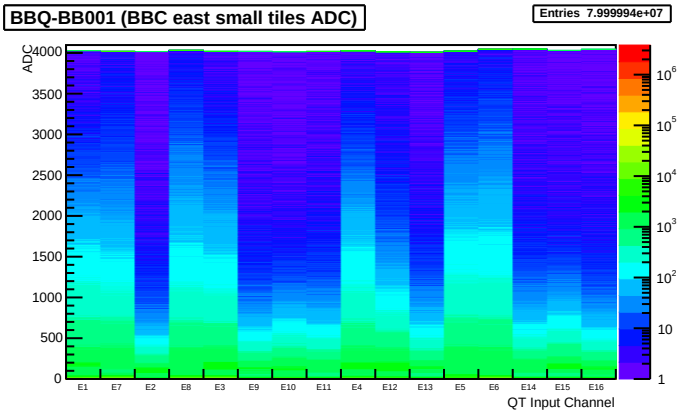

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9999992
TAC sum
1st-Best
2nd-Best
ID

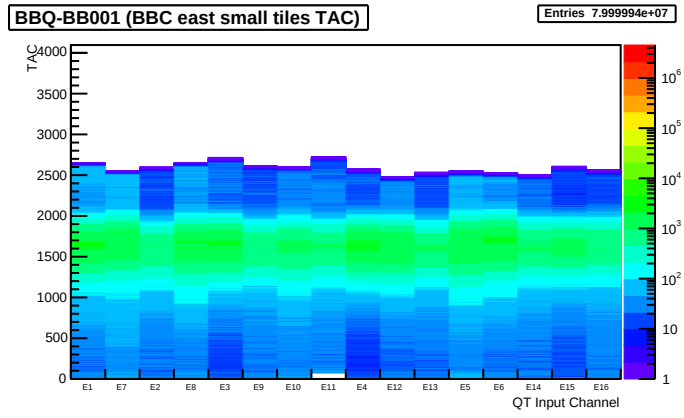

MIX-MT101 Input: VP003 Max TAC
Entries 4999996

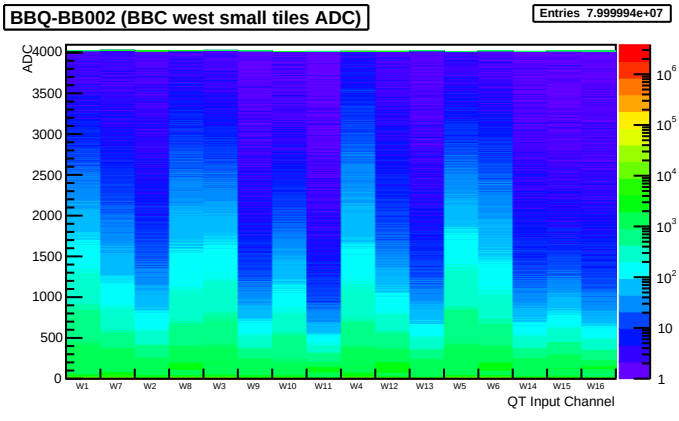

MIX-MT101 Input: VP004 Max TAC
Entries 4999996

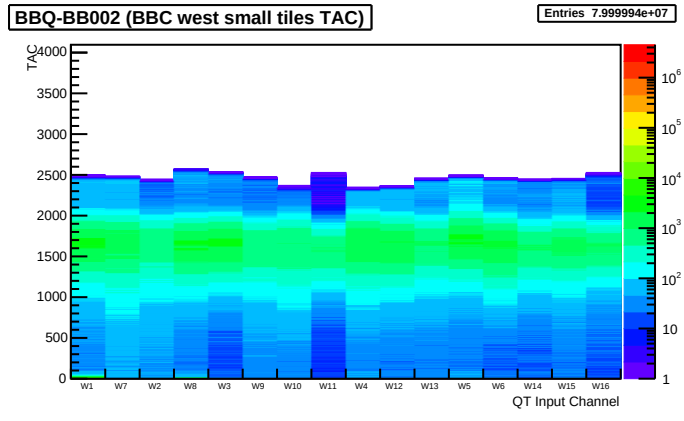

MXQ-PP001
Entries 7.999994e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

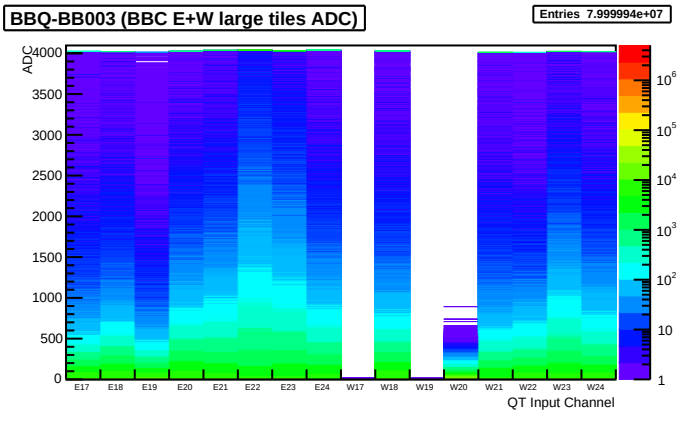

MXQ-PP001
Entries 7.999994e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

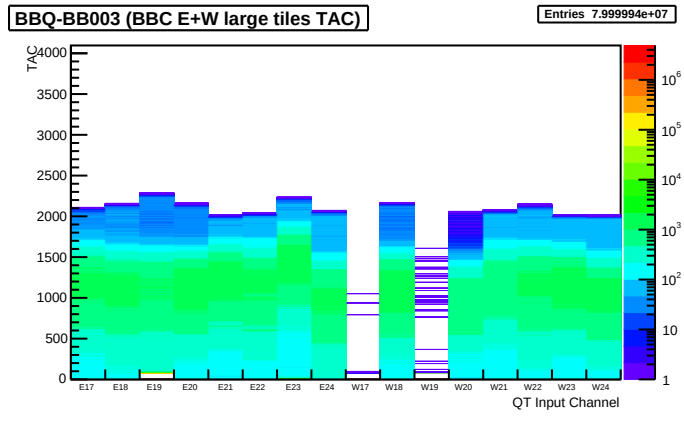

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.999994e+07
ADC
QT Input Channel

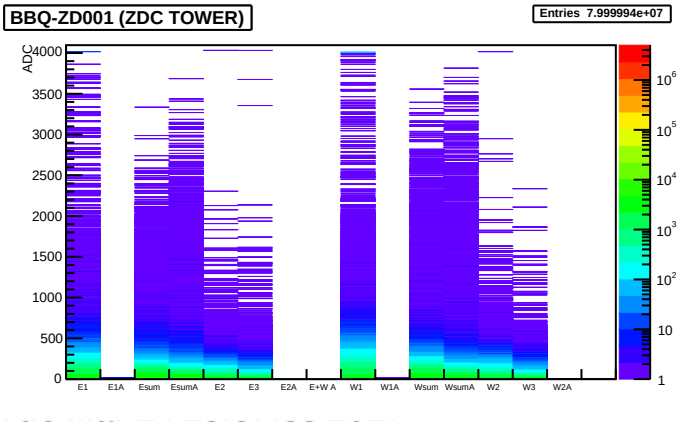

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.999994e+07
TAC
QT Input Channel

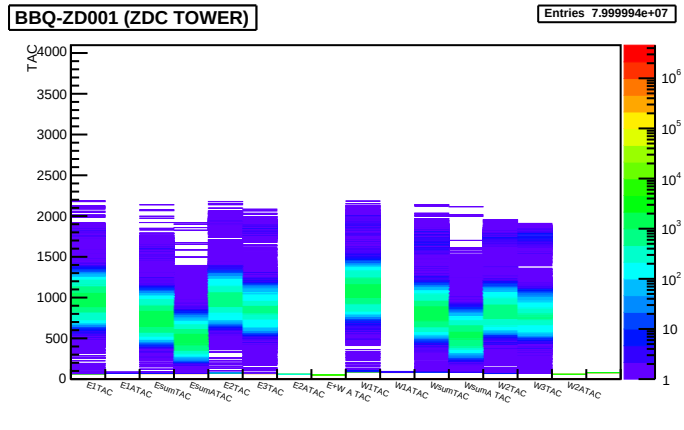

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.999994e+07
ADC
QT Input Channel

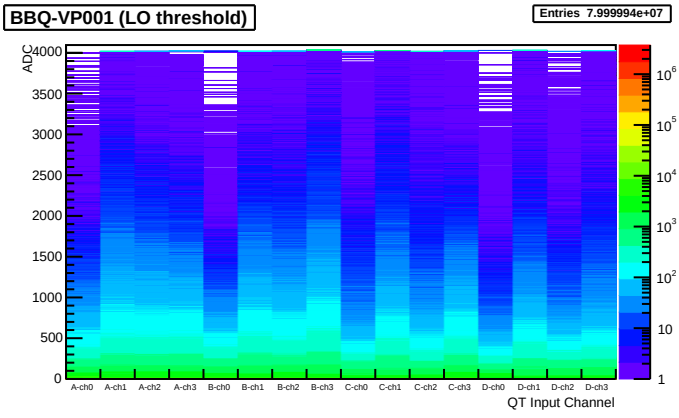

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.999994e+07
TAC
QT Input Channel

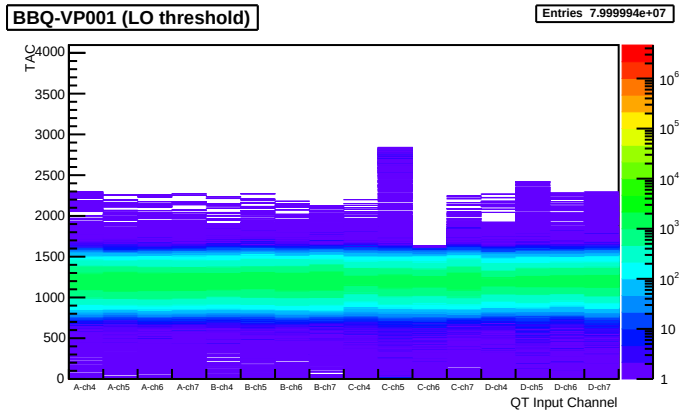

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999994e+07
ADC
QT Input Channel

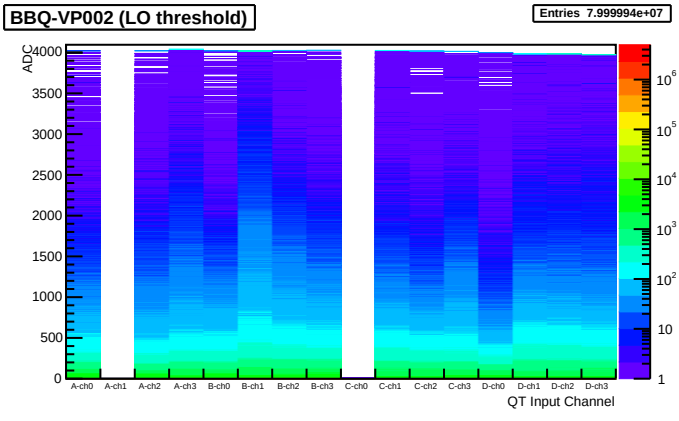

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999994e+07
TAC
QT Input Channel

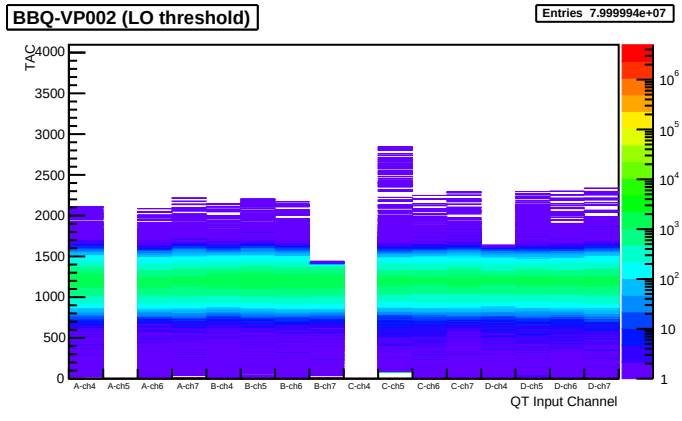

BBQ-ZD001 (ZDC TOWER)
Entries 7.999994e+07
ADC

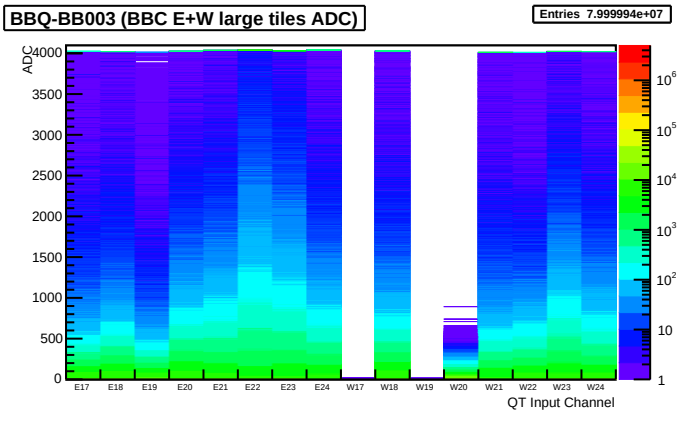

BBQ-ZD001 (ZDC TOWER)
Entries 7.999994e+07
TAC

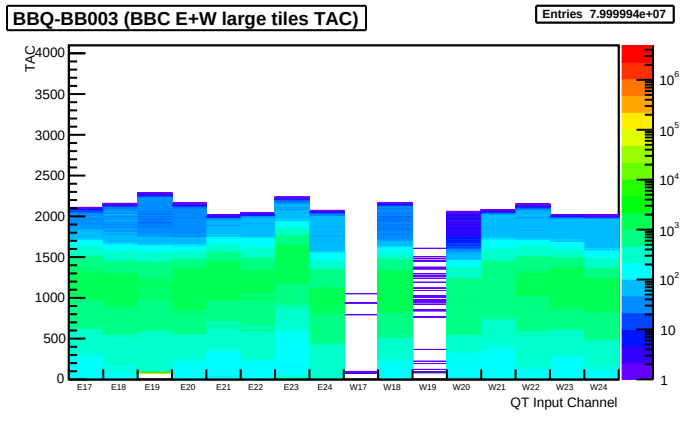

BBQ-VP001 (LO threshold)
Entries 7.999994e+07
ADC
QT Input Channel

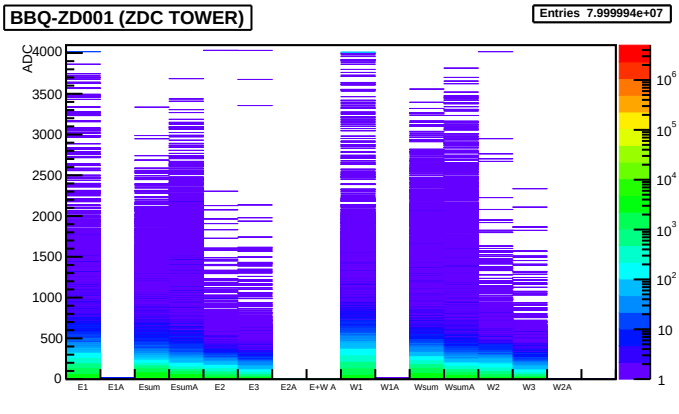

BBQ-VP001 (LO threshold)
Entries 7.999994e+07
TAC
QT Input Channel

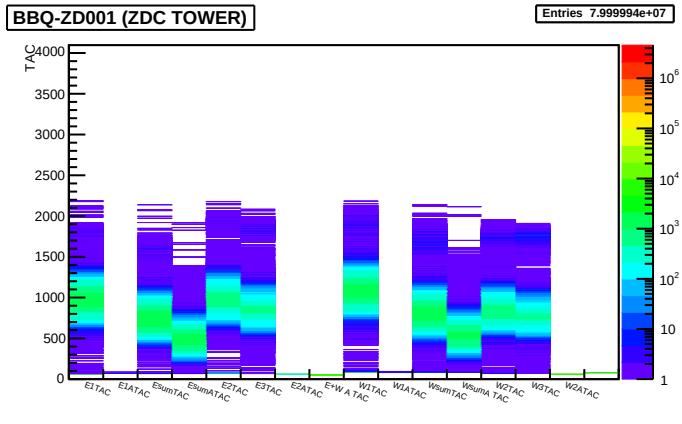

BBQ-VP002 (LO threshold)
Entries 7.999994e+07
ADC
QT Input Channel

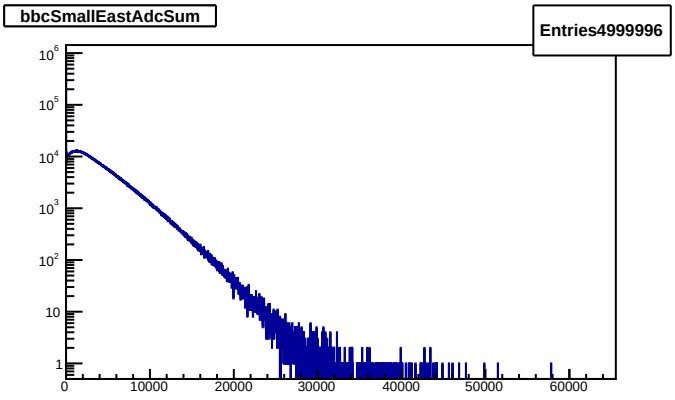

BBQ-VP002 (LO threshold)
Entries 7.999994e+07
TAC
QT Input Channel

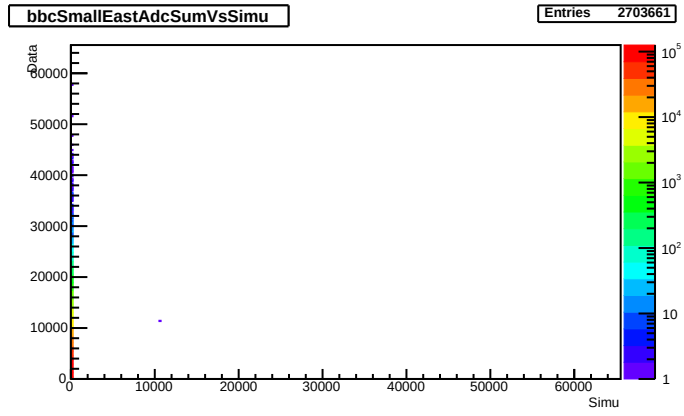

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999994e+07
ADC
QT Input Channel

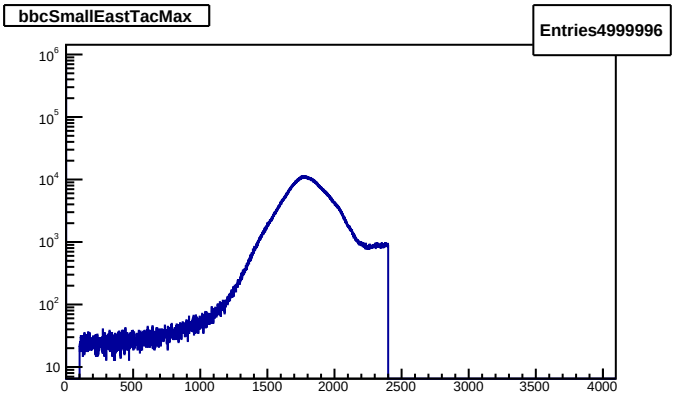

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999994e+07
TAC
QT Input Channel

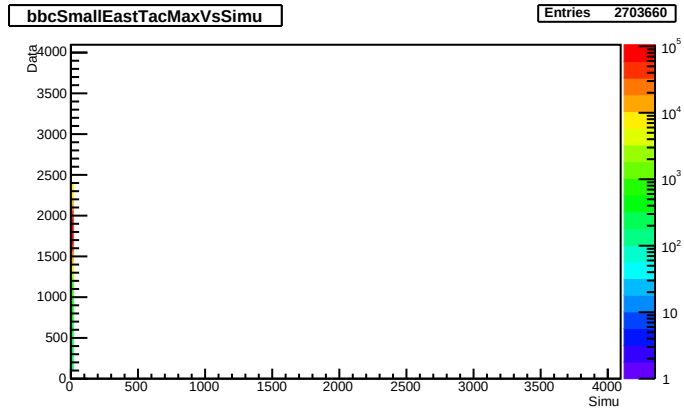

BBQ-ZD001 (ZDC TOWER)
Entries 7.999994e+07
ADC

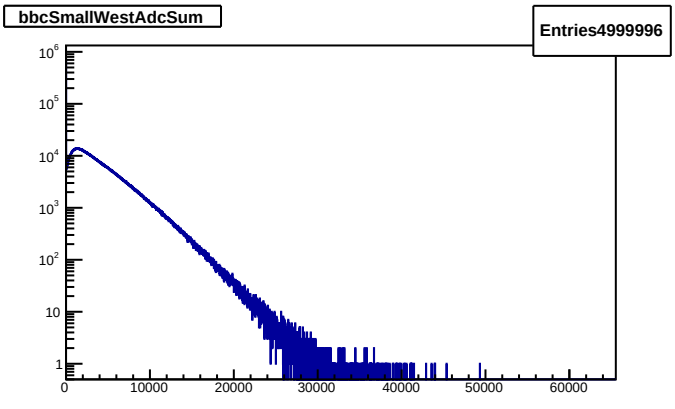

BBQ-ZD001 (ZDC TOWER)
Entries 7.999994e+07
TAC

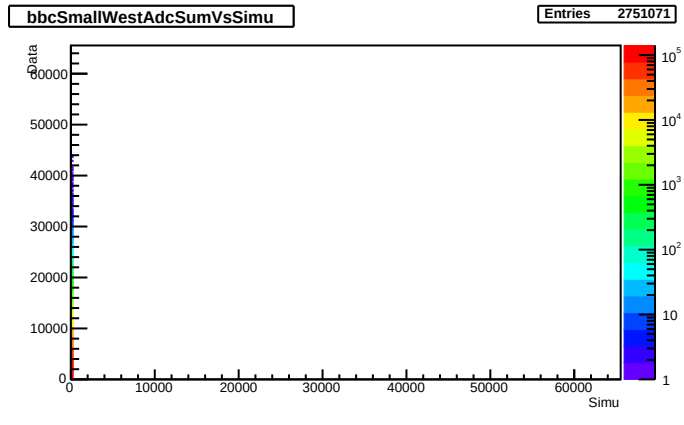

bbcSmallEastAdcSum
Entries4999996

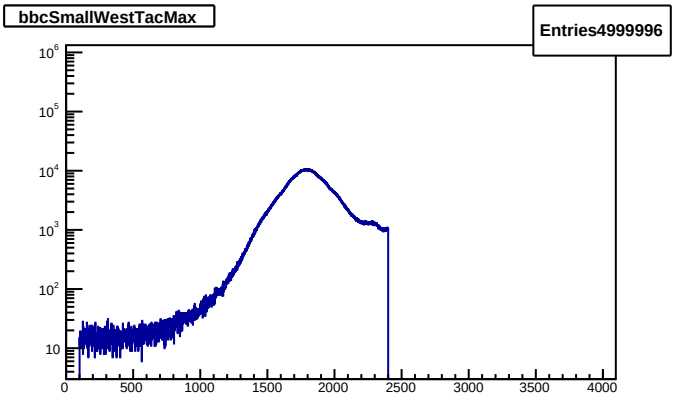

bbcSmallEastAdcSumVsSimu
Entries 2703661
Data
Simu

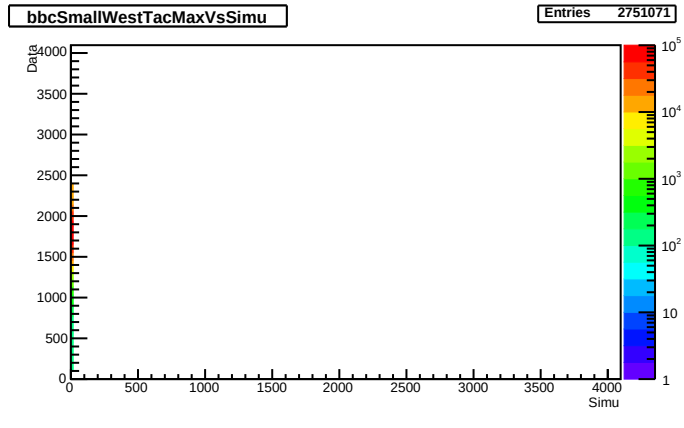

bbcSmallEastTacMax
Entries4999996

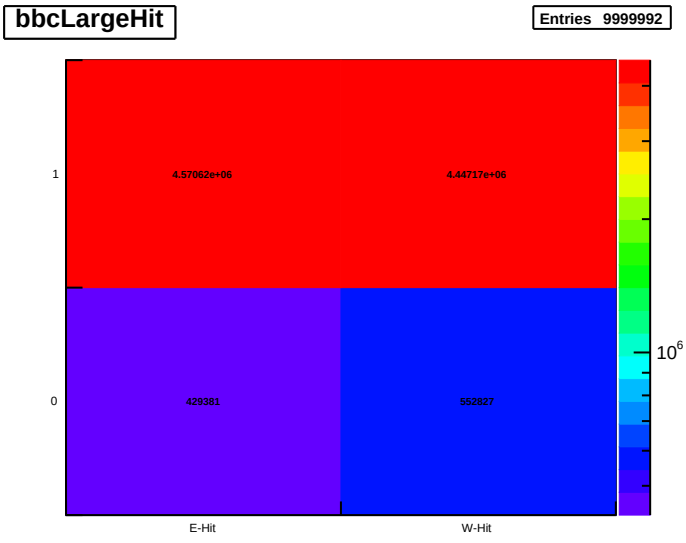

bbcSmallEastTacMaxVsSimu
Entries 2703660
Data
Simu

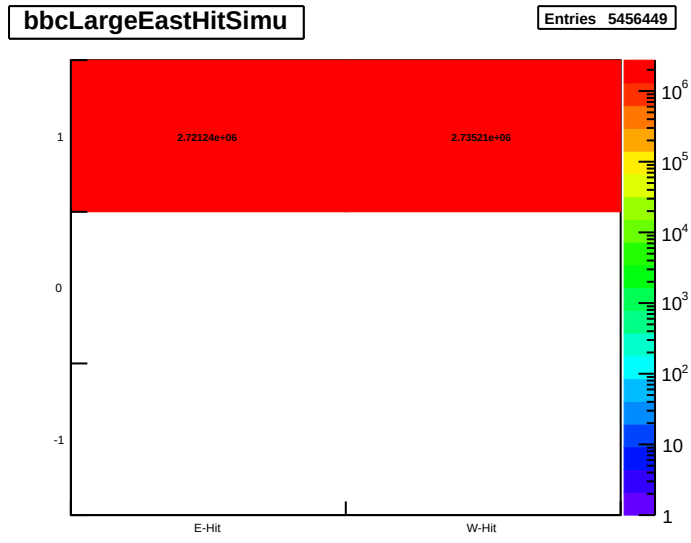

bbcSmallWestAdcSum
Entries4999996

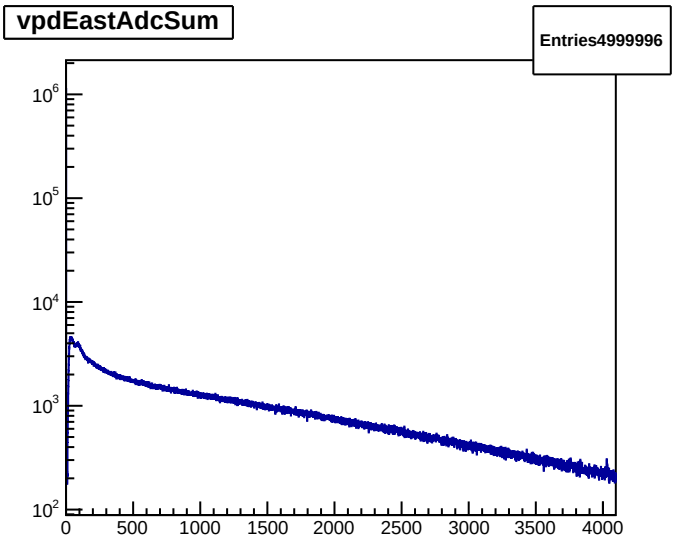

bbcSmallWestAdcSumVsSimu
Entries 2751071
Data
Simu

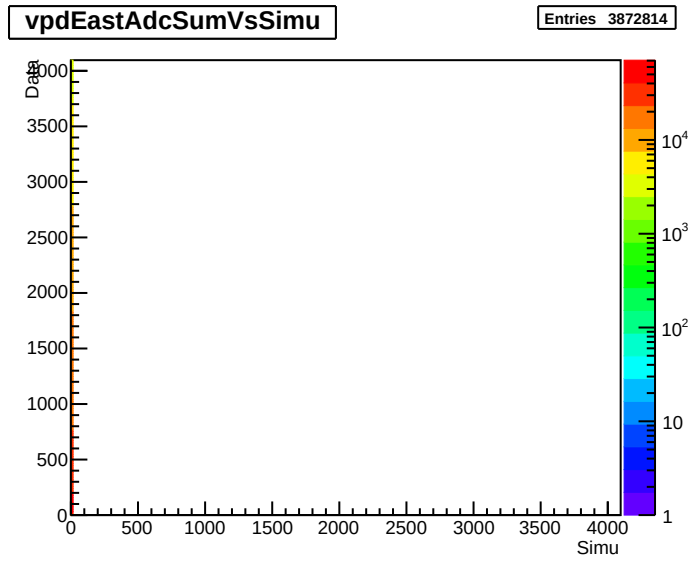

bbcSmallWestTacMax
Entries4999996

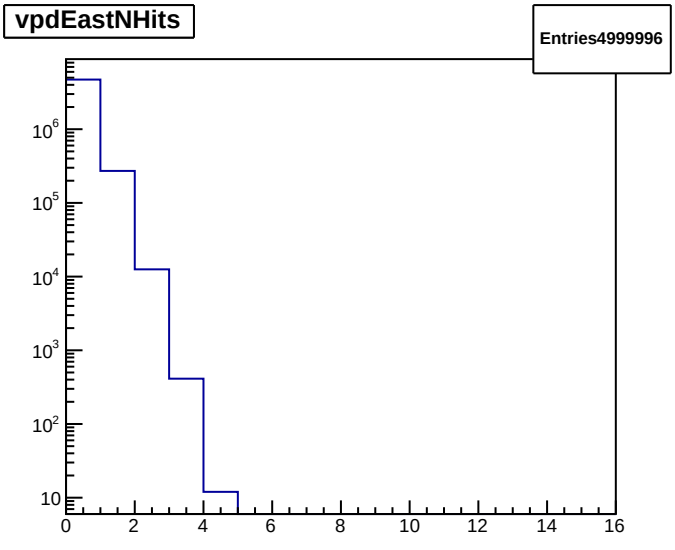

bbcSmallWestTacMaxVsSimu
Entries 2751071
Data
Simu

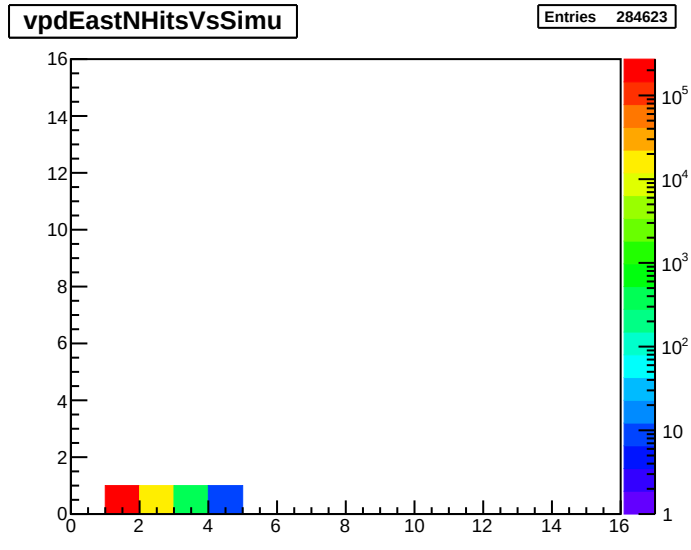

bbcLargeHit
Entries 9999992
1
0
4.57062e+06
4.44717e+06
429381
552827
E-Hit
W-Hit
10^6

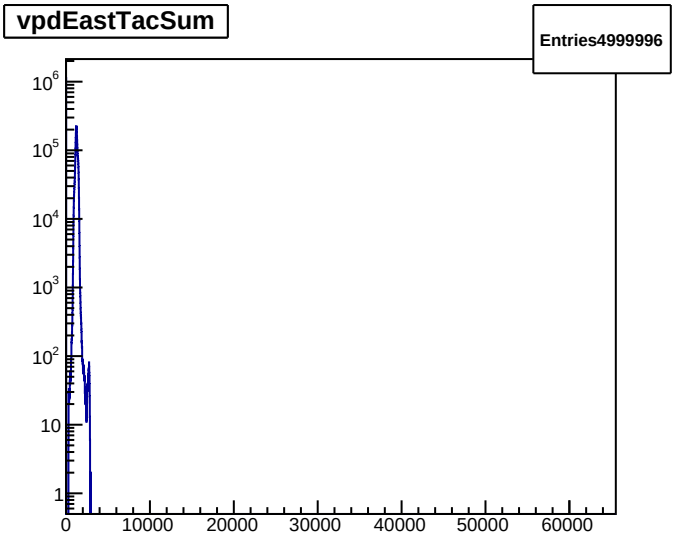

bbcLargeEastHitSimu
Entries 5456449
1
0
-1
2.72124e+06
2.73521e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

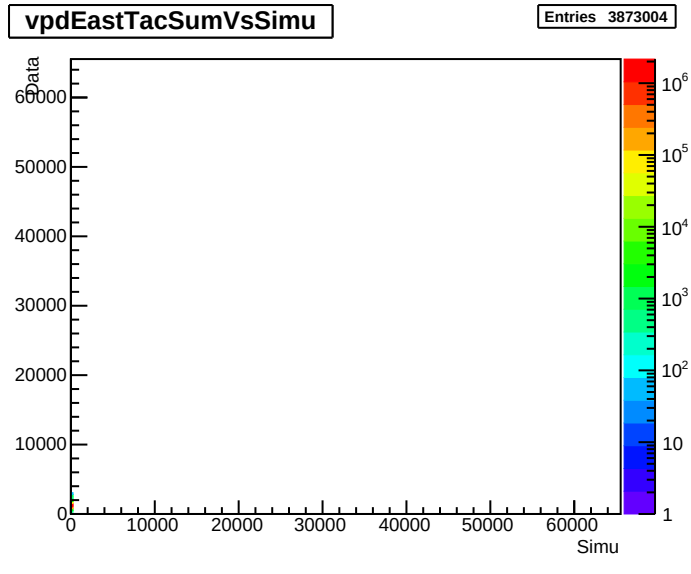

vpdEastAdcSum
Entries4999996

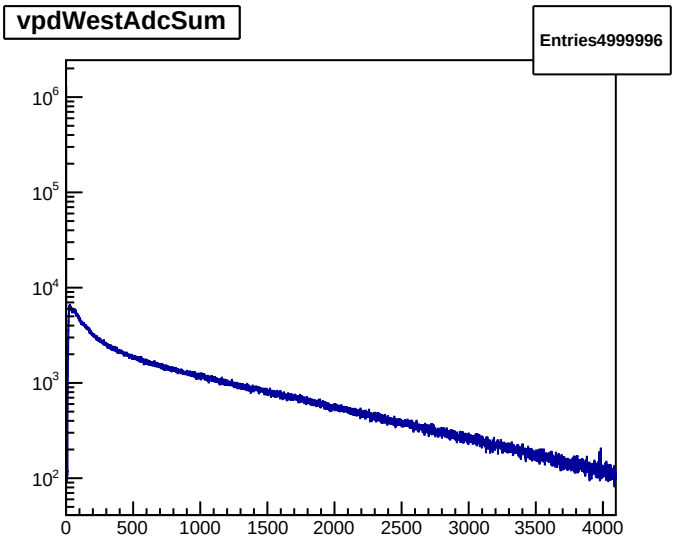

vpdEastAdcSumVsSimu
Entries 3872814
Data
Simu

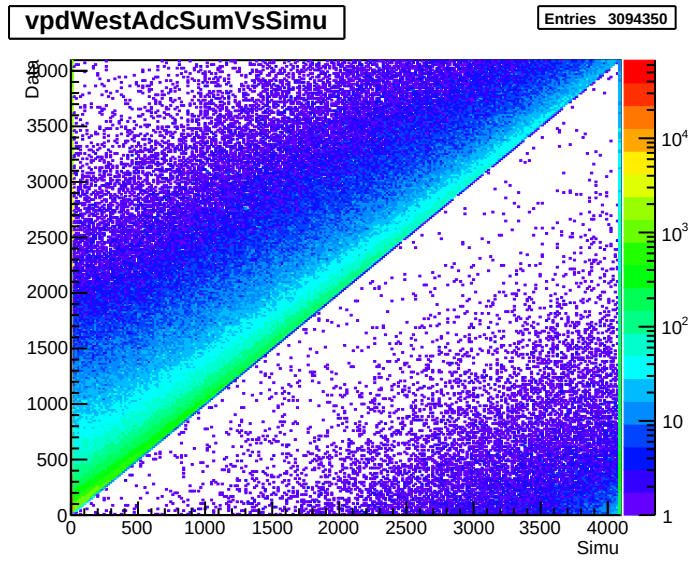

vpdEastNHits
Entries4999996

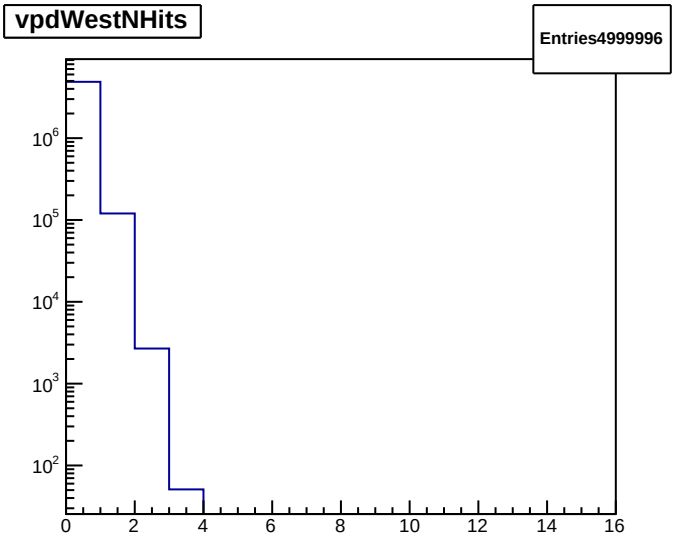

vpdEastNHitsVsSimu
Entries 284623

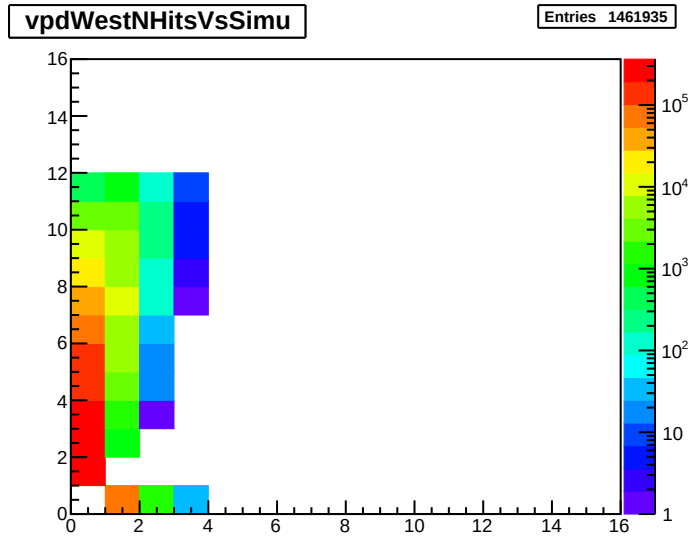

vpdEastTacSum
Entries4999996

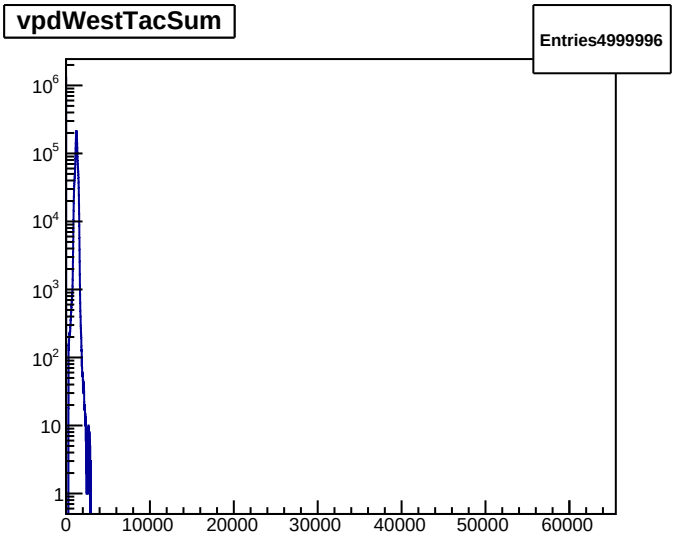

vpdEastTacSumVsSimu
Entries 3873004
Data
Simu

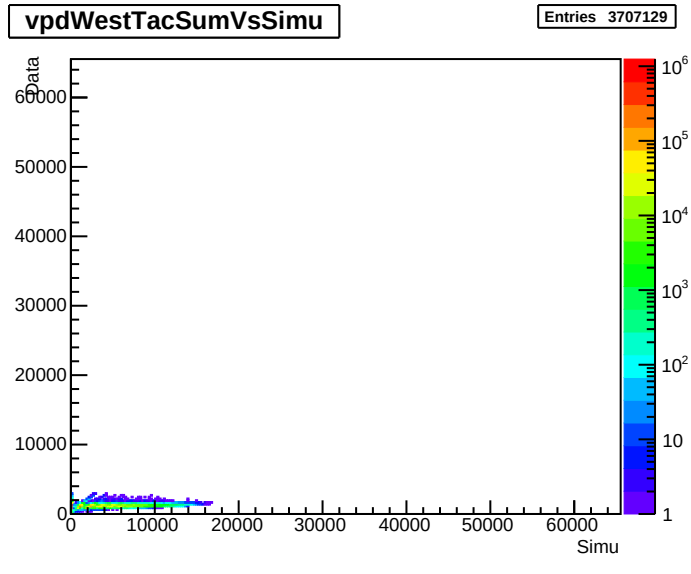

vpdWestAdcSum
Entries4999996

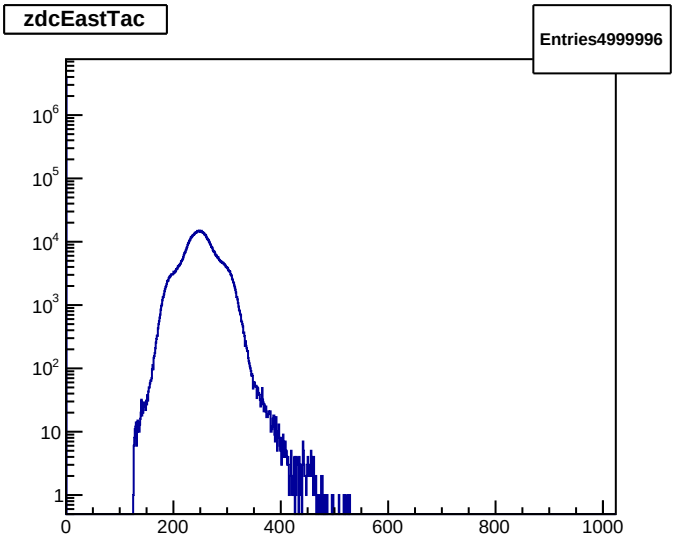

vpdWestAdcSumVsSimu
Entries 3094350
Data
Simu

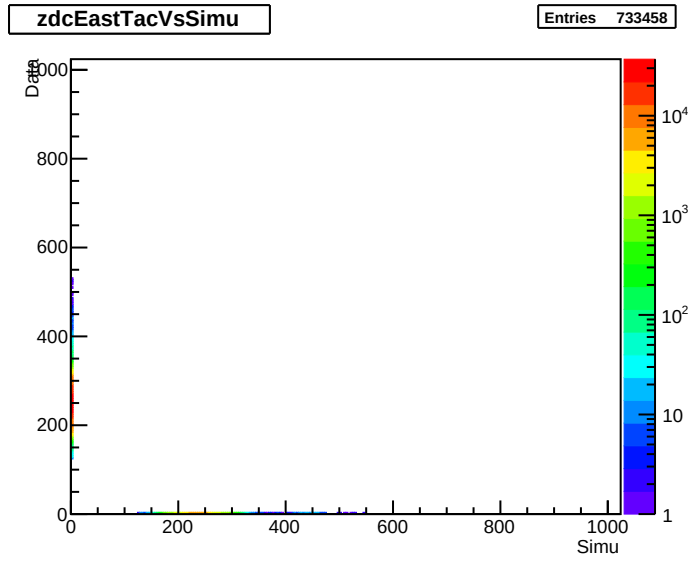

vpdWestNHits
Entries4999996

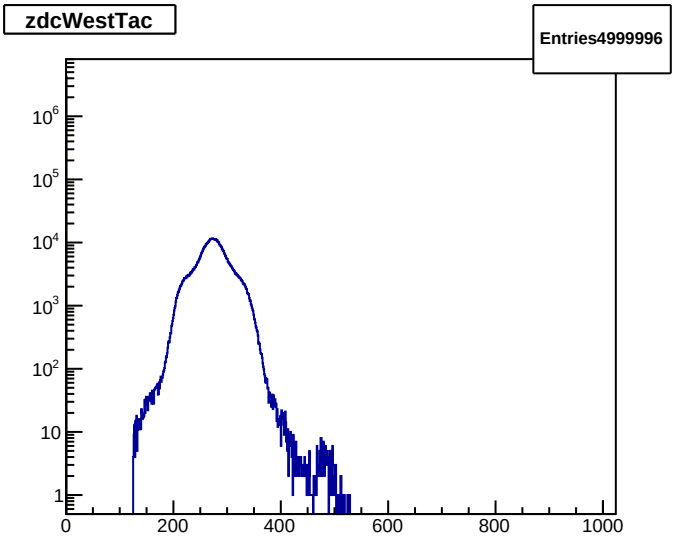

vpdWestNHitsVsSimu
Entries 1461935

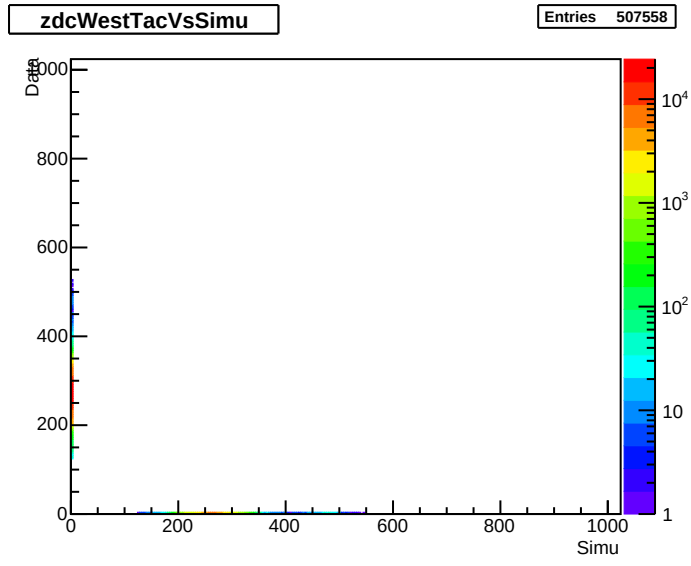

vpdWestTacSum
Entries4999996

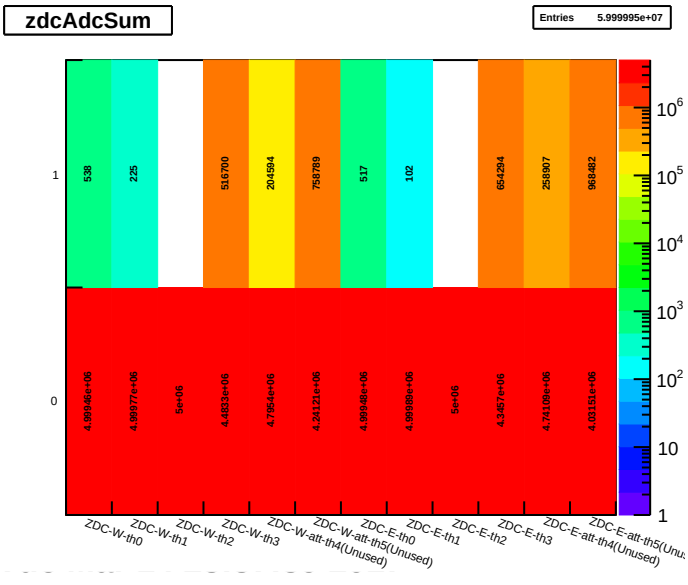

vpdWestTacSumVsSimu
Entries 3707129
Data
Simu

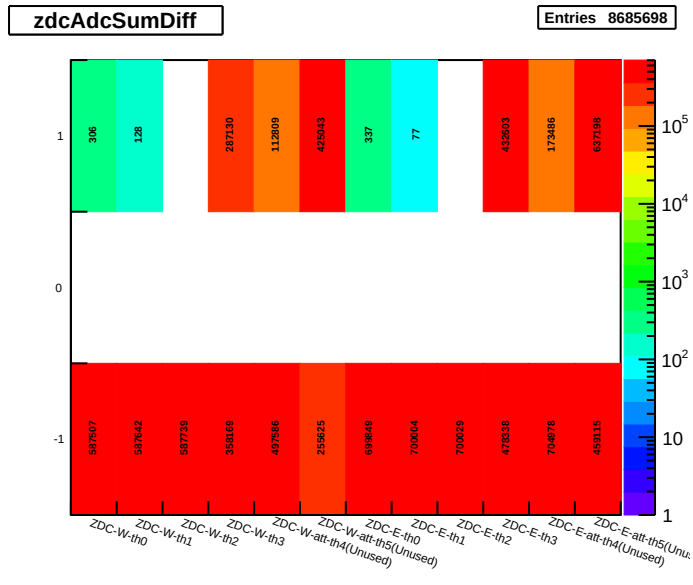

zdcEastTac
Entries4999996

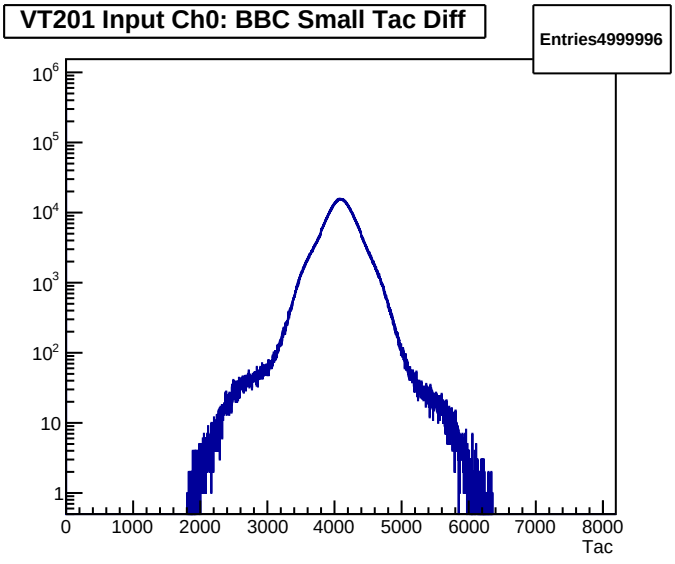

zdcEastTacVsSimu
Entries 733458
Data
Simu

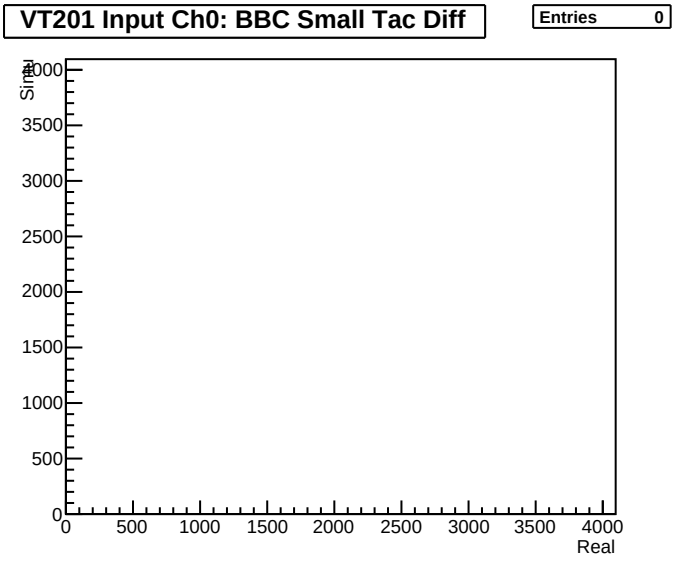

zdcWestTac
Entries4999996

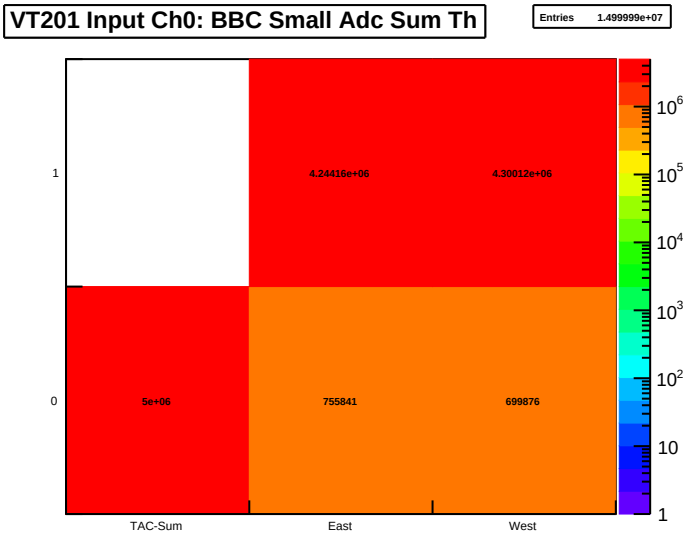

zdcWestTacVsSimu
Entries 507558
Data
Simu

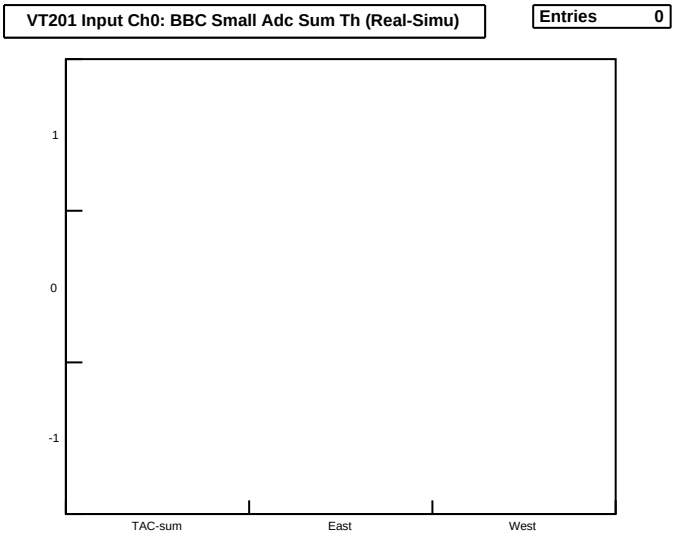

zdcAdcSum
Entries 5.999995e+07
538
225
516700
204594
759789
517
102
654294
258907
968482
4.99946e+06
4.99977e+05
5e+06
4.4833e+06
4.7854e+06
4.2121e+06
4.99948e+06
4.99988e+06
5e+06
4.3457e+06
4.7109e+06
4.03151e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

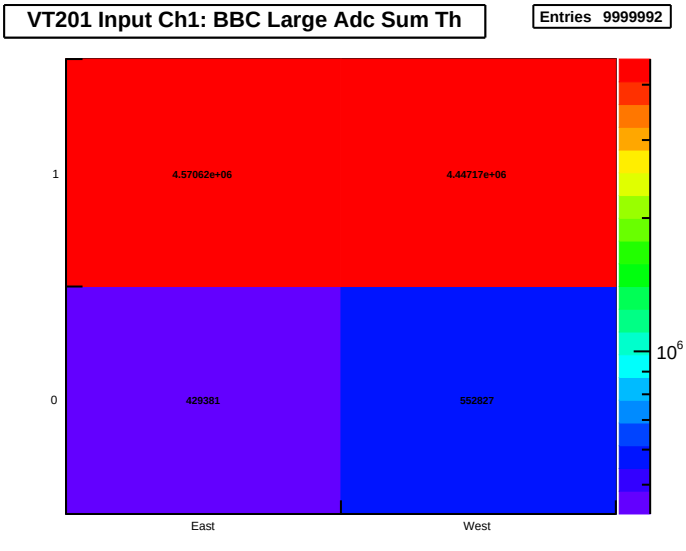

zdcAdcSumDiff
Entries 8685698
306
128
287130
112809
429343
337
77
432603
173486
637198
587507
587642
587739
350169
497586
255625
699849
700004
700029
478338
704978
459115
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

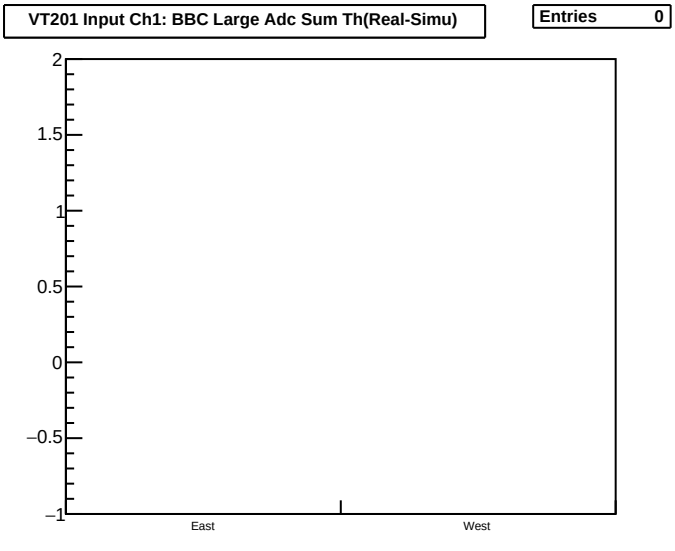

VT201 Input Ch0: BBC Small Tac Diff
Entries4999996
Tac


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

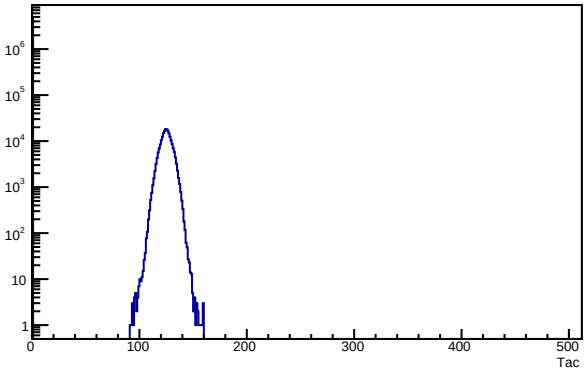

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.499999e+07
4.24416e+06
4.30012e+06
5e+06
755841
699876
TAC-Sum
East
West


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

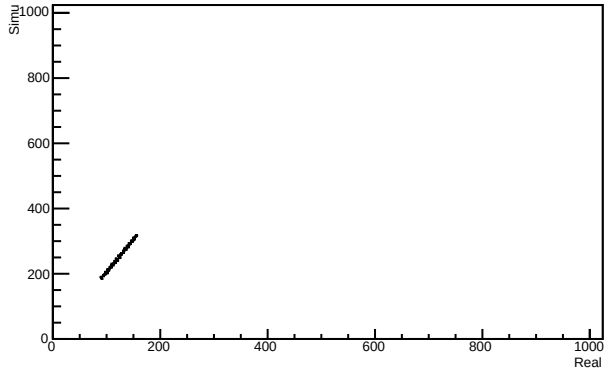

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9999992
4.57062e+06
4.44717e+06
429381
552827
East
West


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

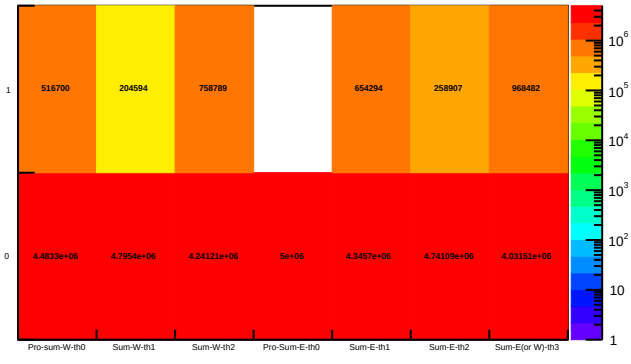
VT201 Input Ch2: ZDC Tac Diff



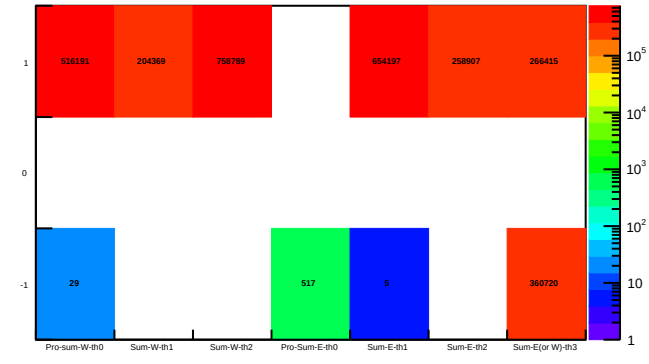
VT201 Input Ch2: ZDC Tac Diff



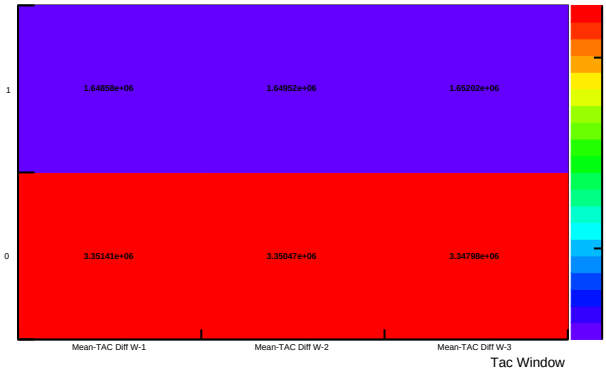
VT201 Input Ch2: ZDC Adc Sum Th



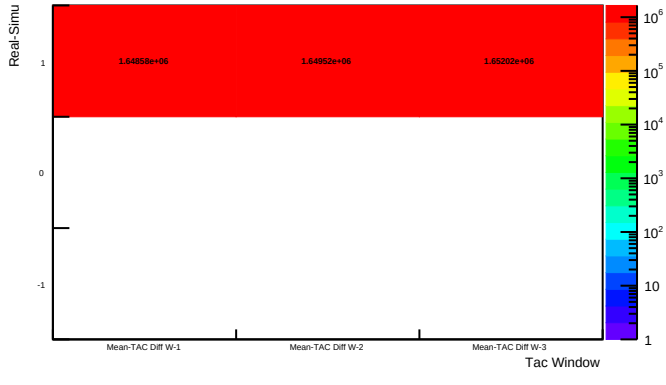
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



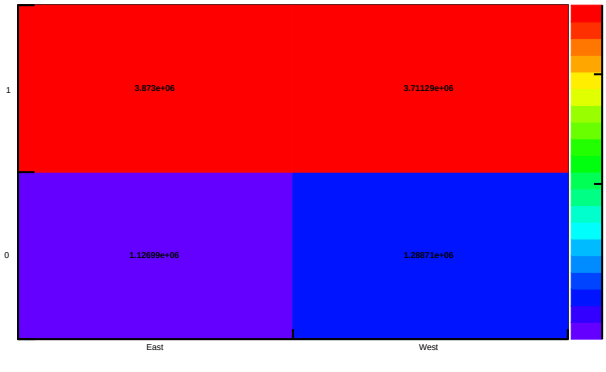
VT201 Input Ch4: VPD Tac Diff



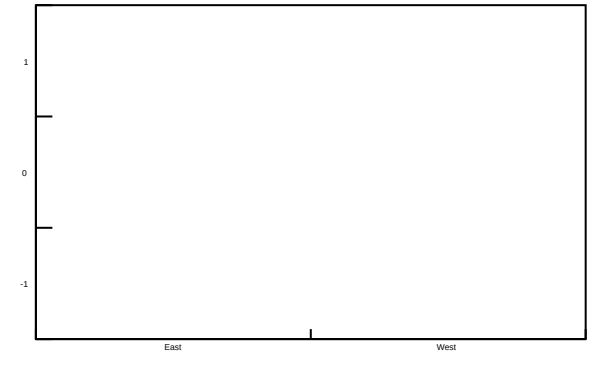
VT201 Input Ch4: VPD Tac Diff

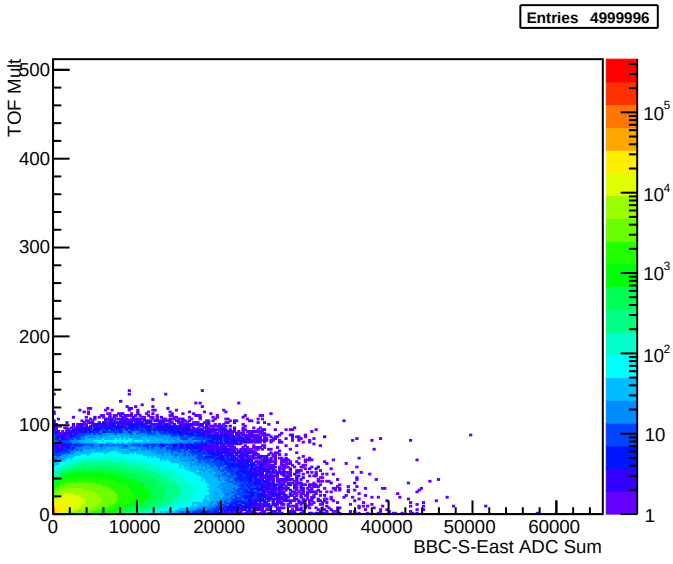


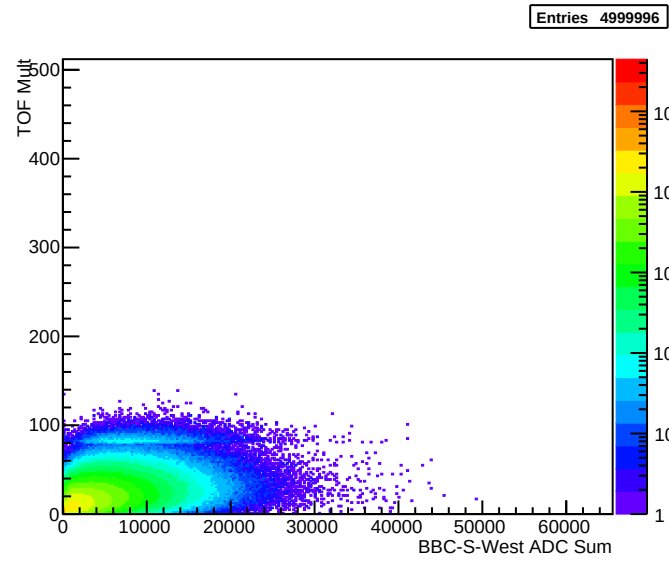
VT201 Input Ch4: VPD Adc Sum Th

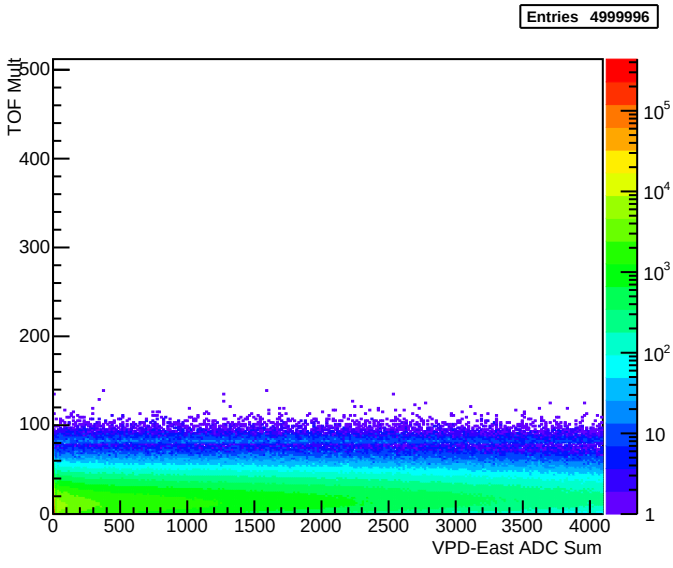


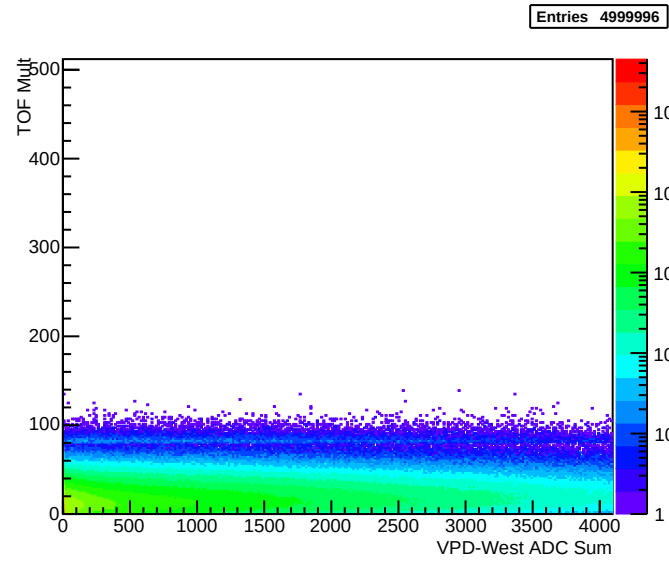
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

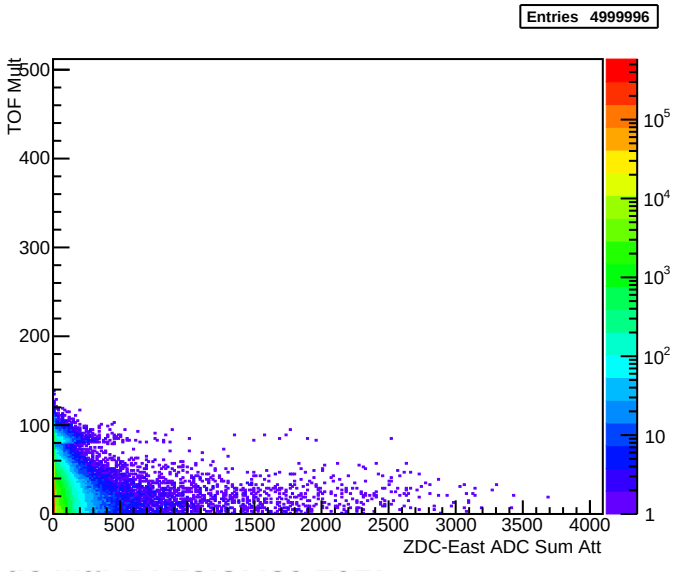


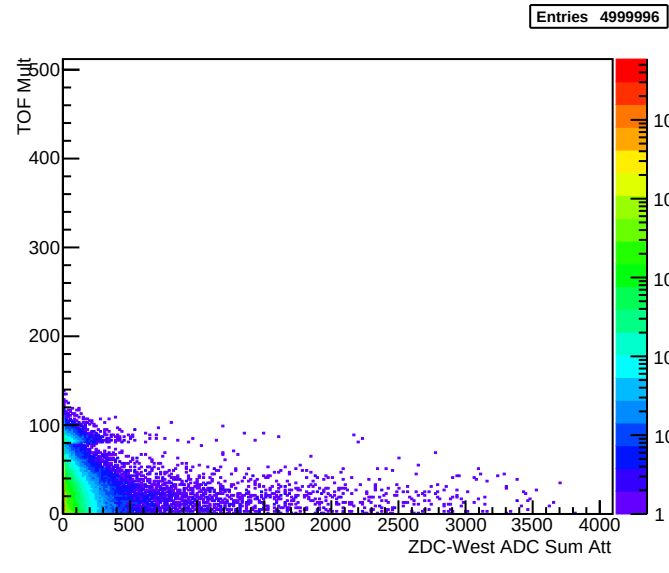

Entries 4999996
TOF Mult
BBC-S-East ADC Sum

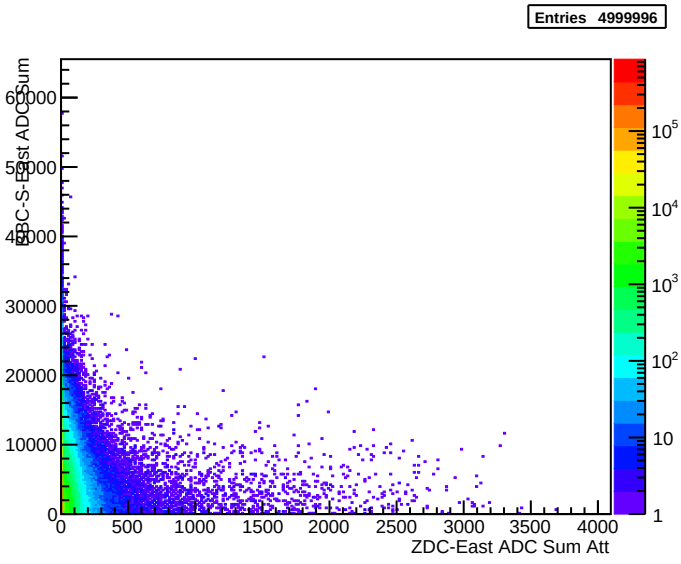

Entries 4999996
TOF Mult
BBC-S-West ADC Sum

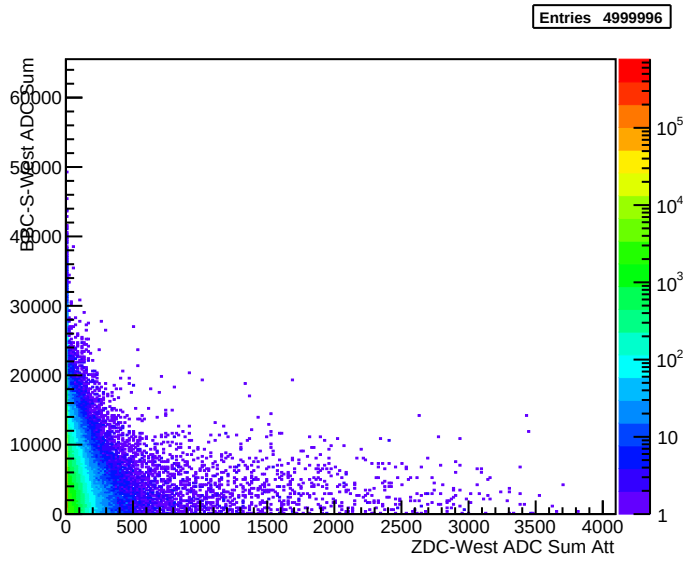

Entries 4999996
TOF Mult
VPD-East ADC Sum

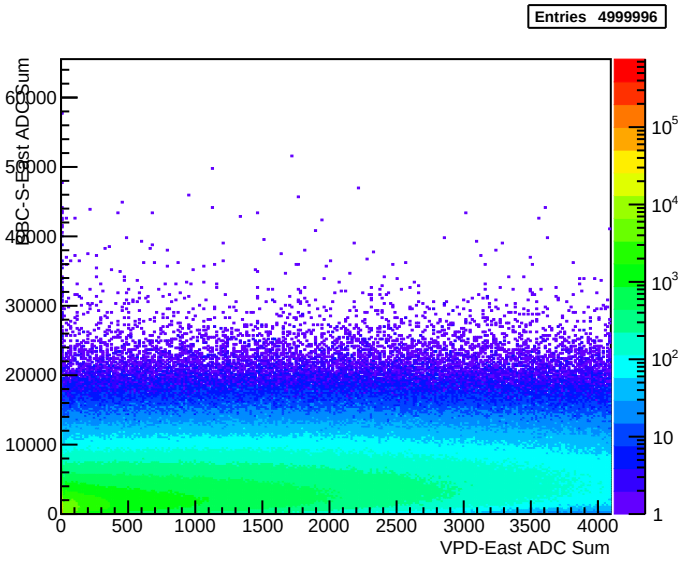

Entries 4999996
TOF Mult
VPD-West ADC Sum

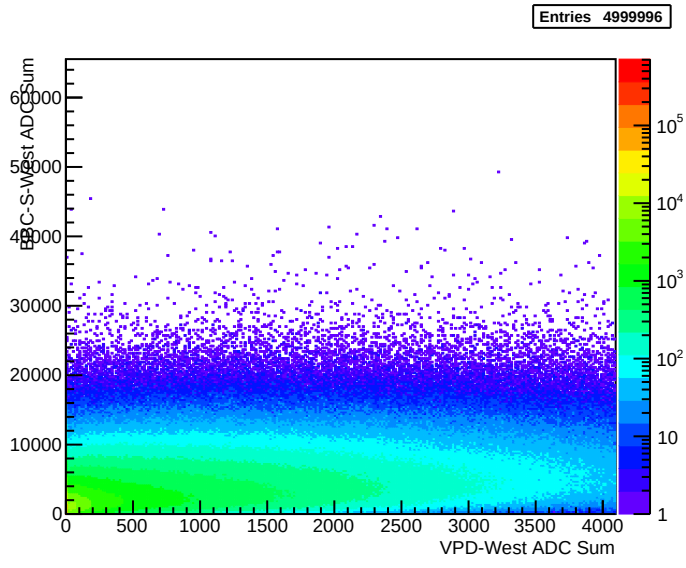

Entries 4999996
TOF Mult
ZDC-East ADC Sum Att

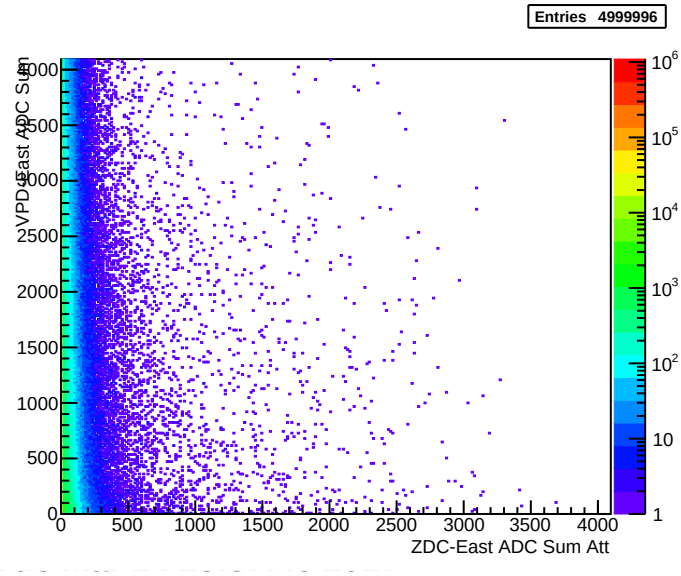

Entries 4999996
TOF Mult
ZDC-West ADC Sum Att

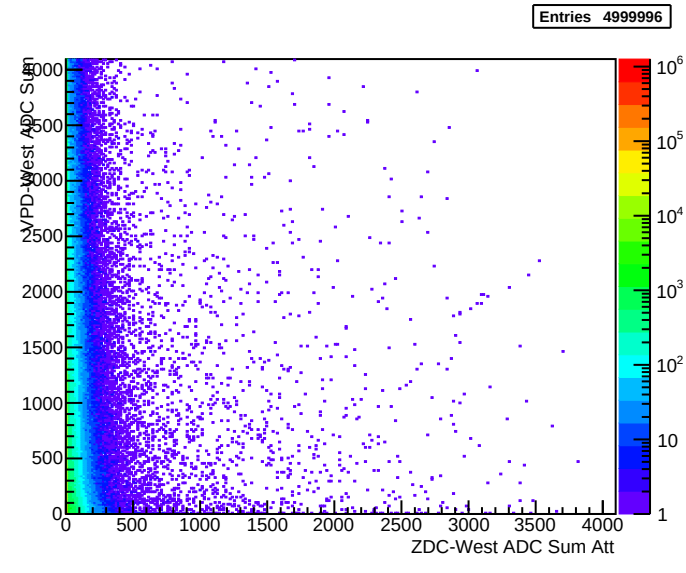

Entries 4999996
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

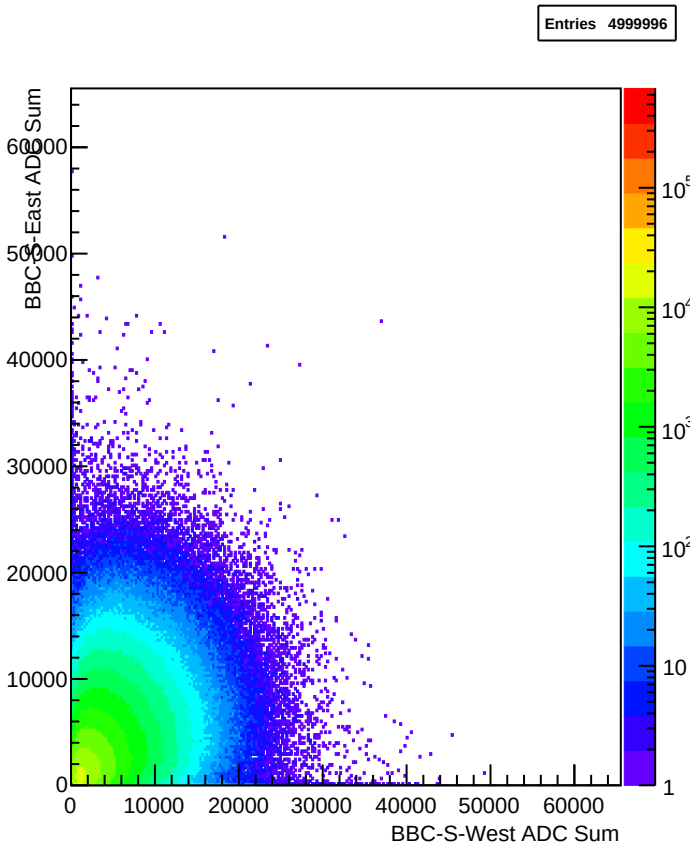

Entries 4999996
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

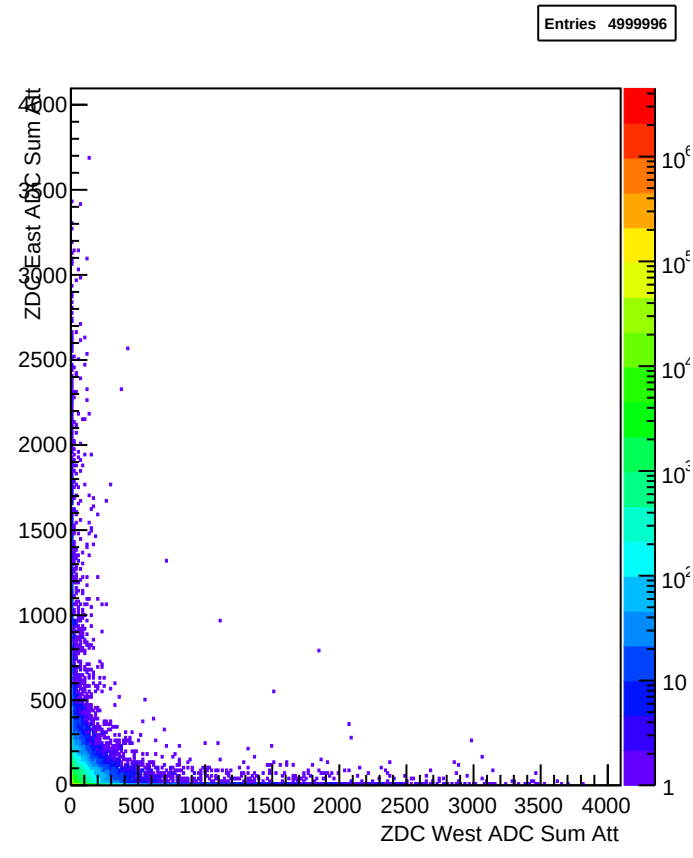

Entries 4999996
BBC-S-East ADC Sum
VPD-East ADC Sum

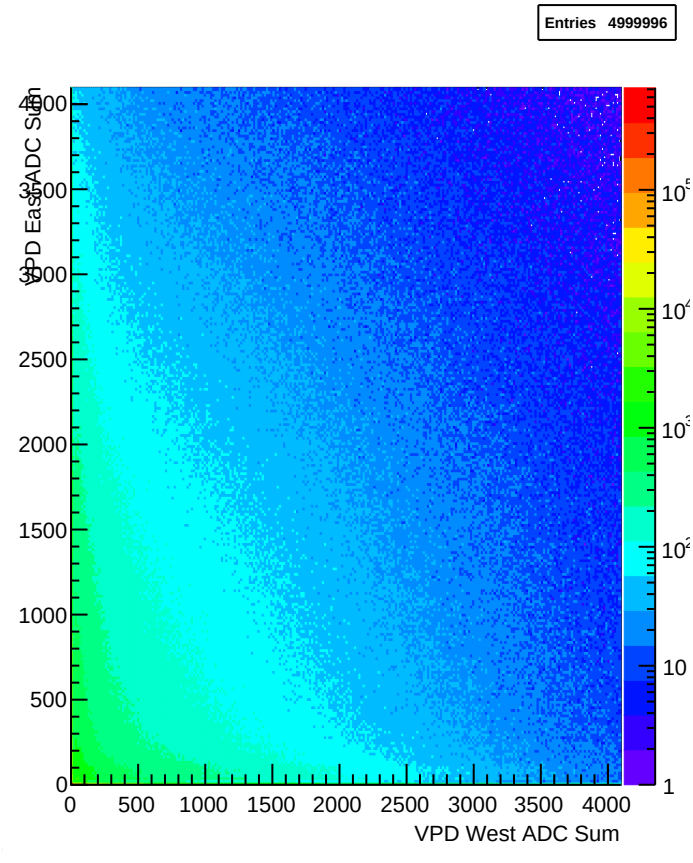

Entries 4999996
BBC-S-West ADC Sum
VPD-West ADC Sum

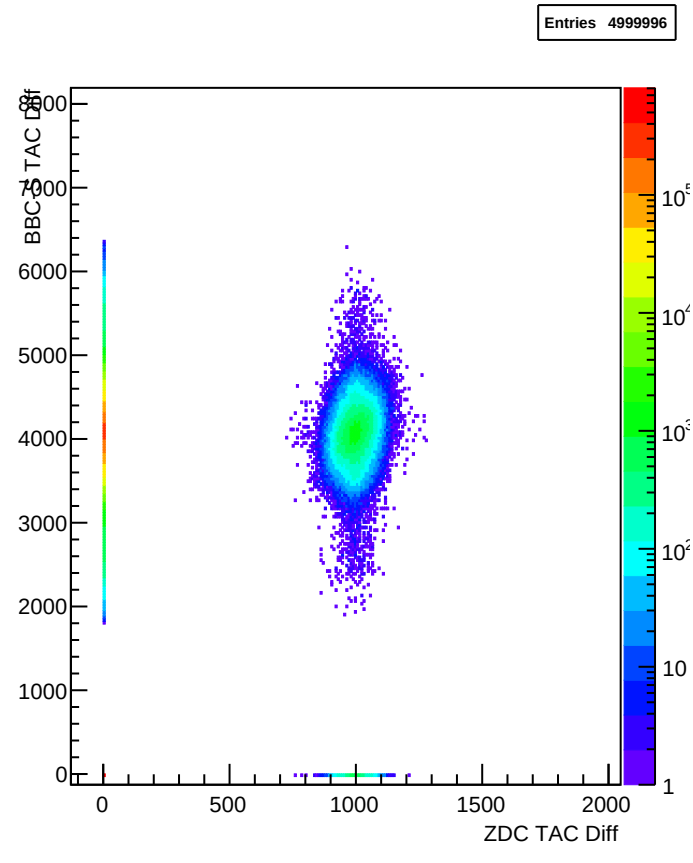

Entries 4999996
VPD-East ADC Sum
ZDC-East ADC Sum Att

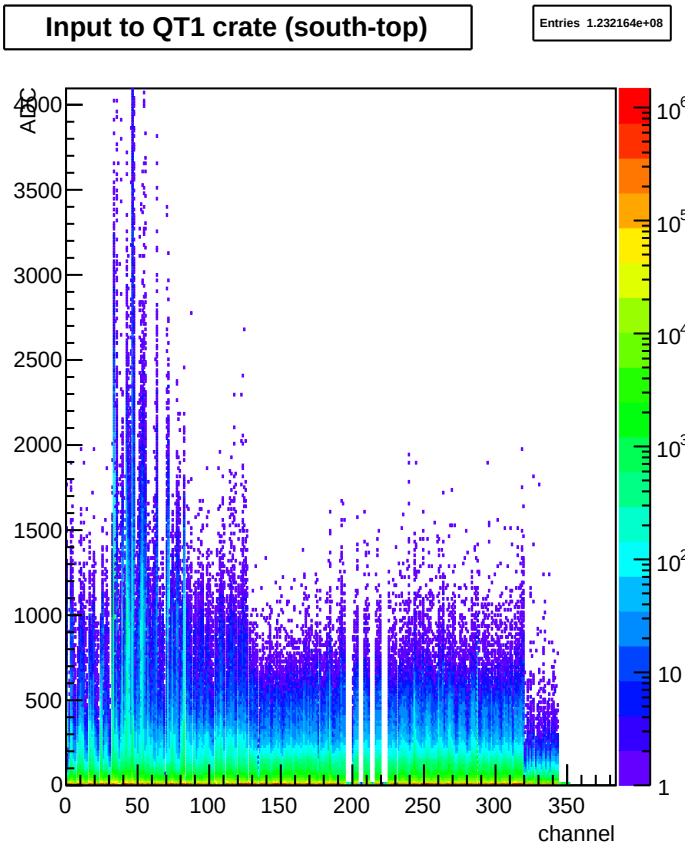

Entries 4999996
VPD-West ADC Sum
ZDC-West ADC Sum Att

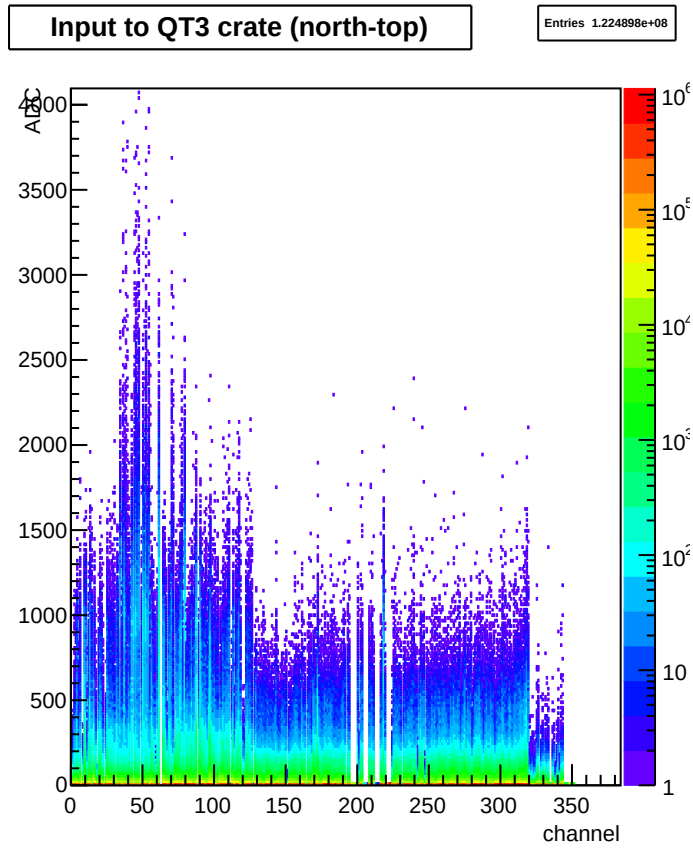

Entries 4999996
BBC-S-East ADC Sum
BBC-S-West ADC Sum

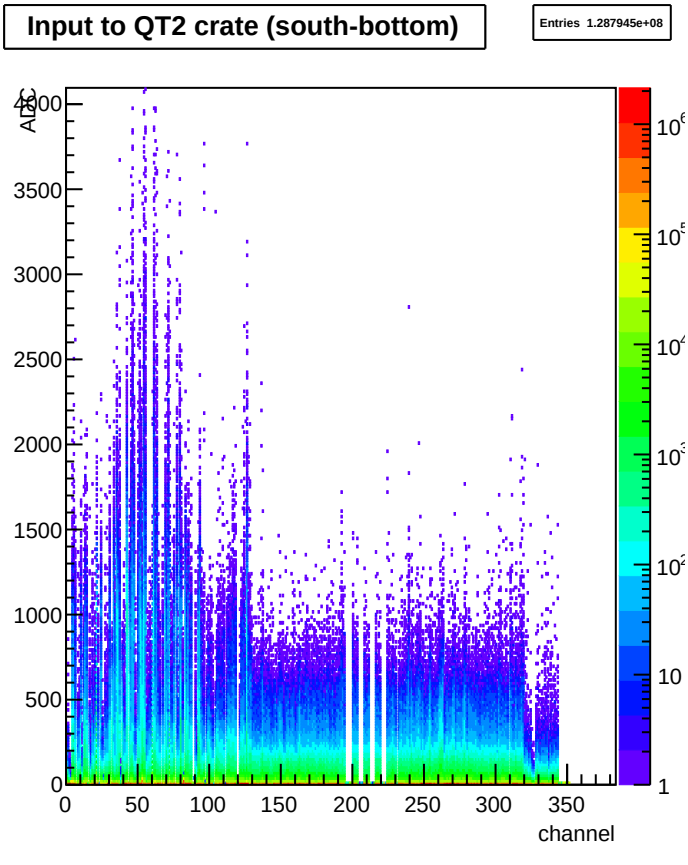

Entries 4999996
ZDC East ADC Sum Att
ZDC West ADC Sum Att

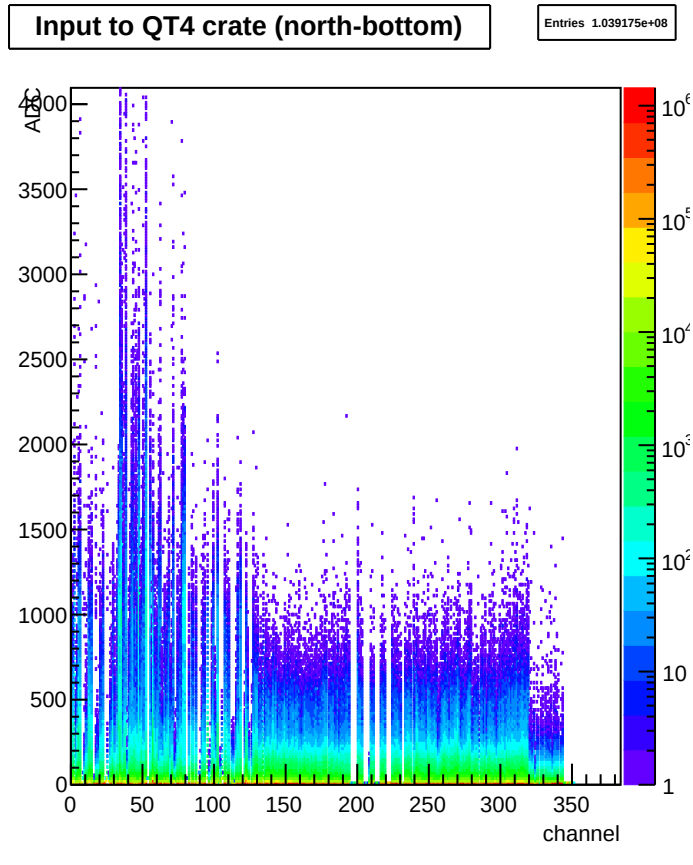

Entries 4999996
VPD East ADC Sum
VPD West ADC Sum

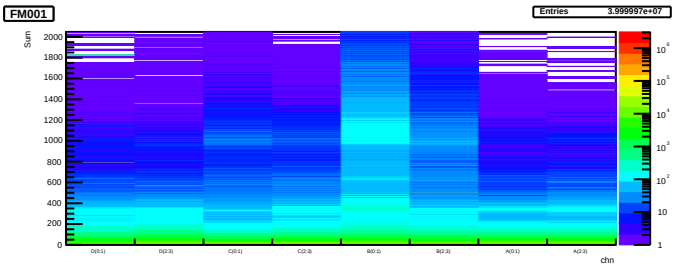

Entries 4999996
BBC-S TAC Diff
ZDC TAC Diff

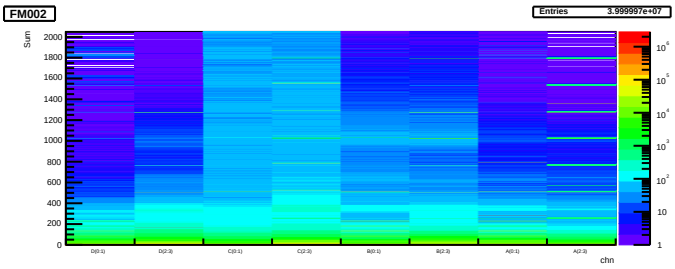

Input to QT1 crate (south-top)
Entries 1.232164e+08
ADC
channel

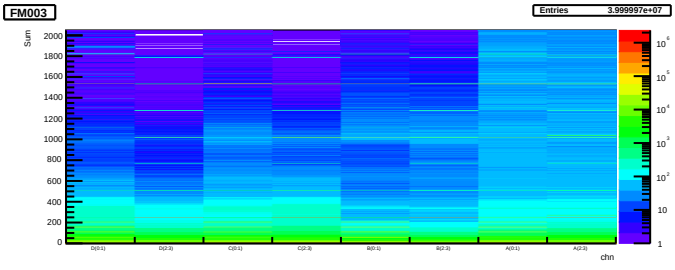

Input to QT3 crate (north-top)
Entries 1.224898e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.287945e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.039175e+08
ADC
channel


FM001
Entries 3.999997e+07
Sum
chn


FM002
Entries 3.999997e+07
Sum
chn


FM003
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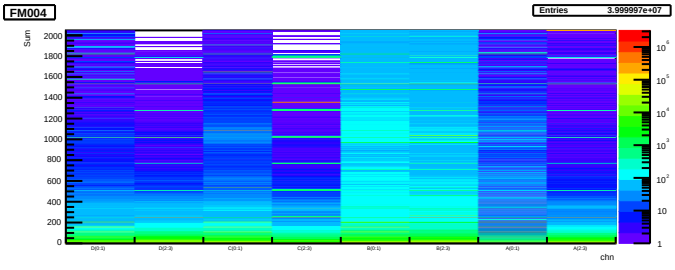
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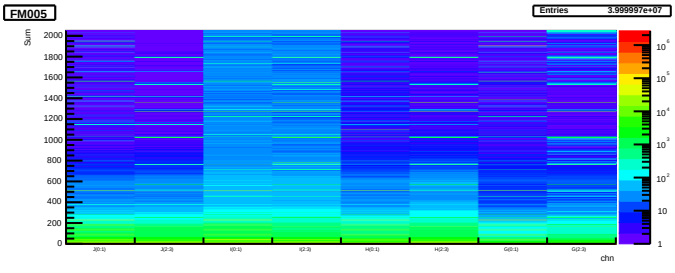
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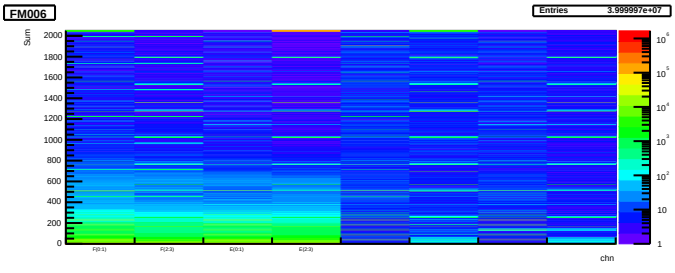
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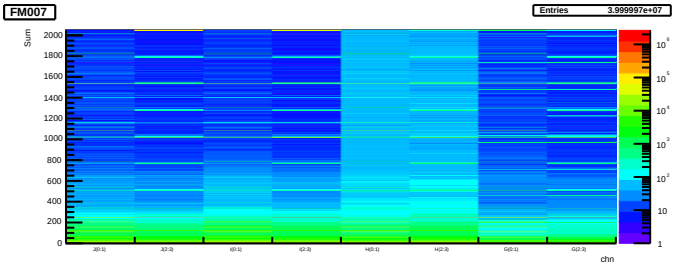
FM007
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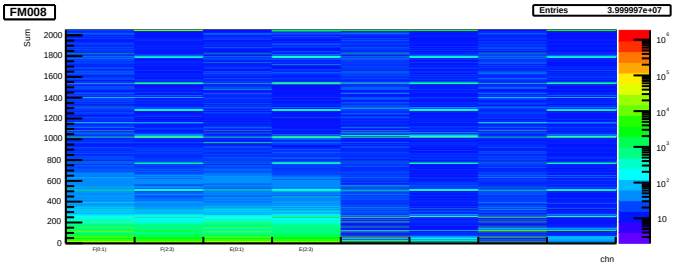
FM008
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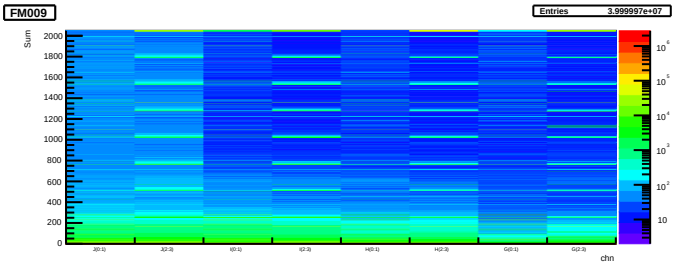
FM009
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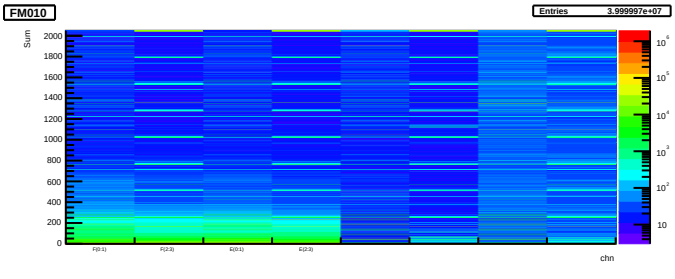
FM010
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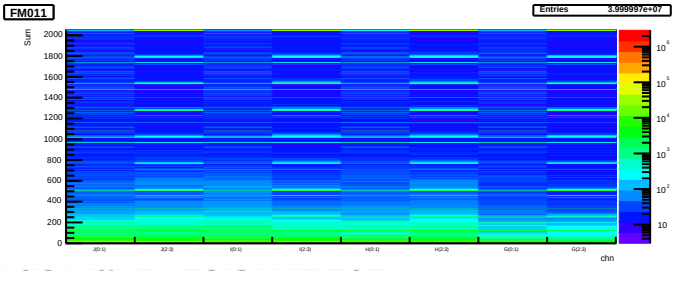
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Entries 3.999997e+07
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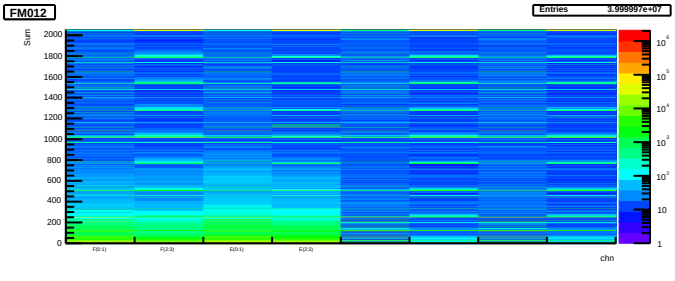
FM012
Entries 3.999997e+07
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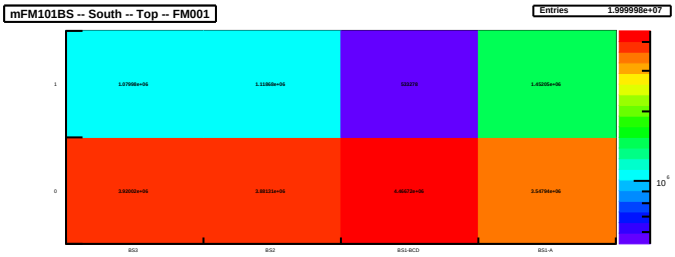
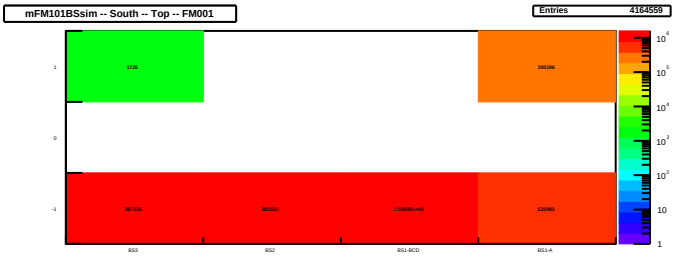

mFM101BS -- South -- Top -- FM001
Entries 1.999998e+07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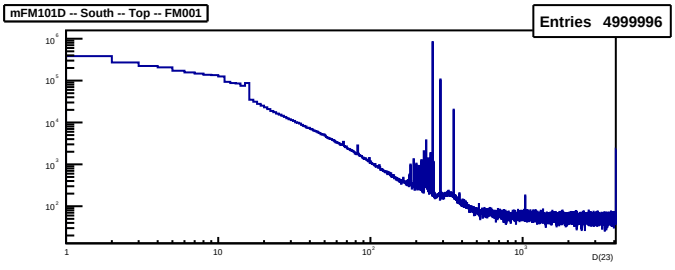
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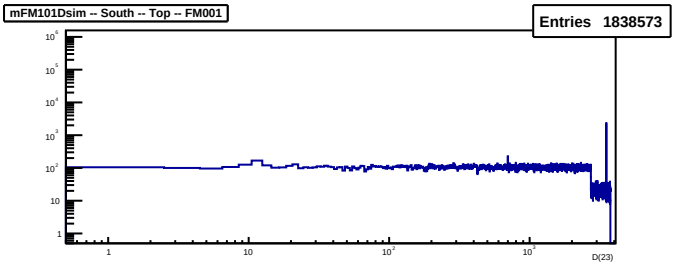
Entries 4999996
D(23)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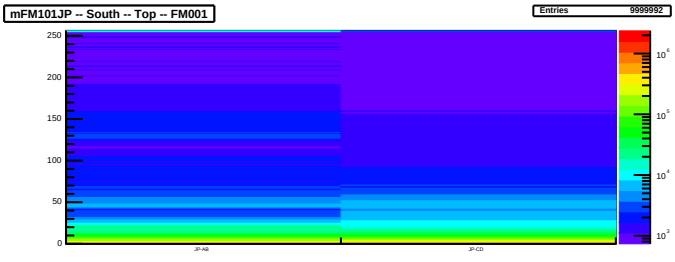
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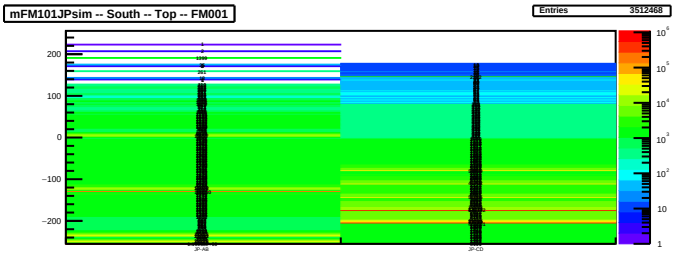
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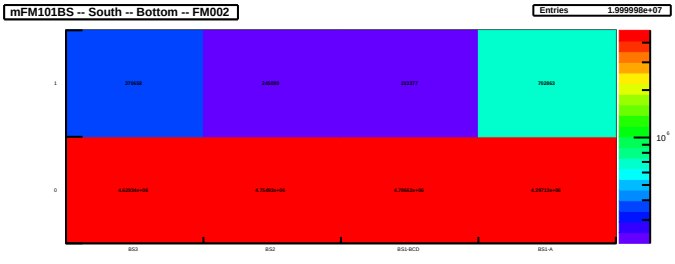
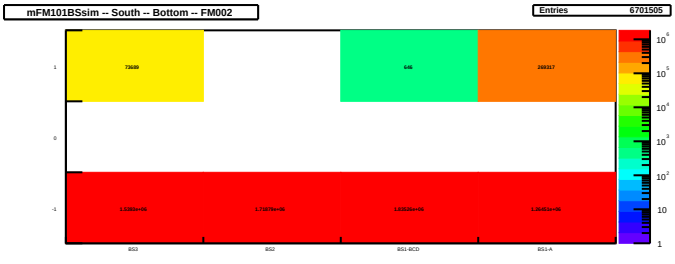

mFM101BS -- South -- Bottom -- FM002
Entries 1.999998e+07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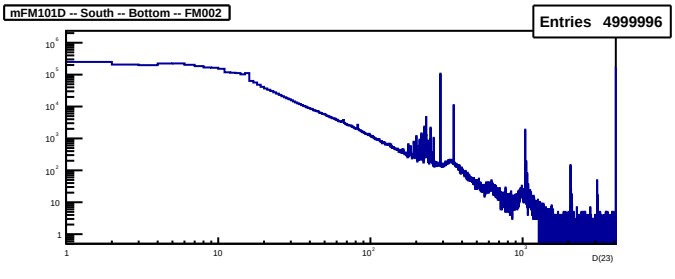
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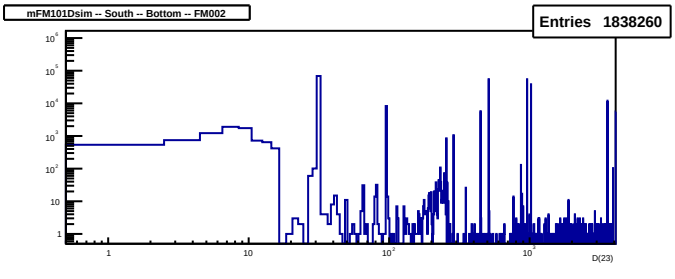
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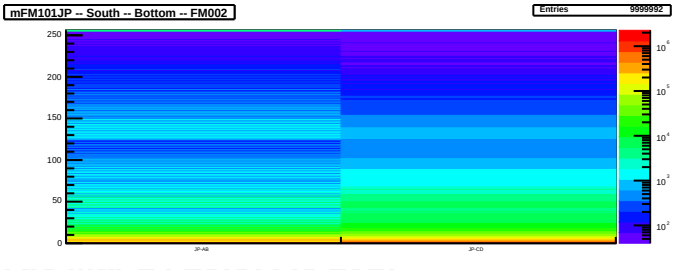
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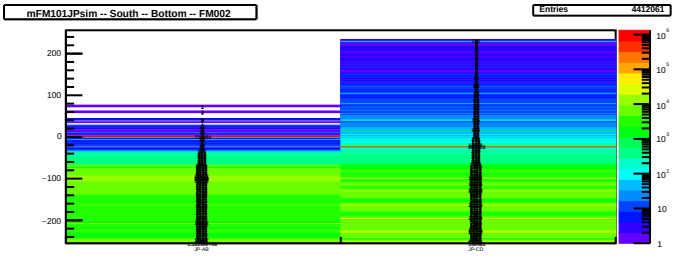
Entries 9999992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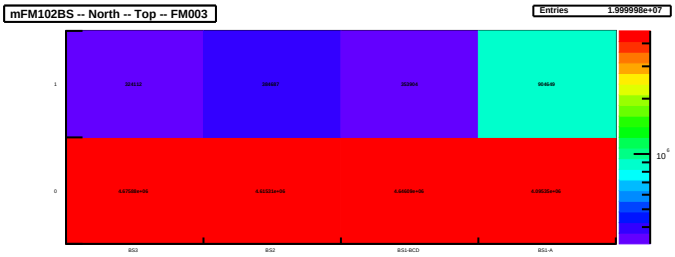
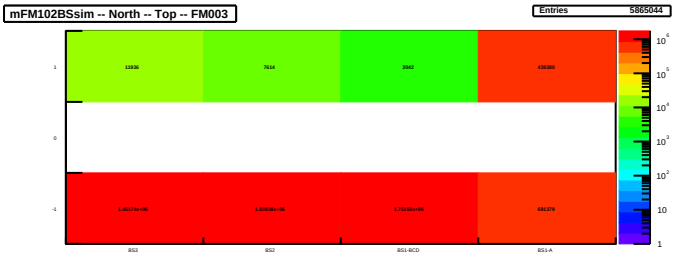

mFM102BS -- North -- Top -- FM003
Entries 1.999998e+07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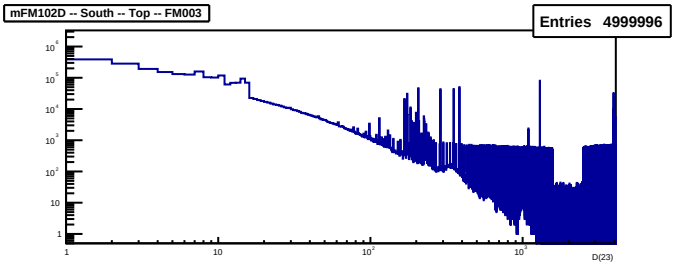
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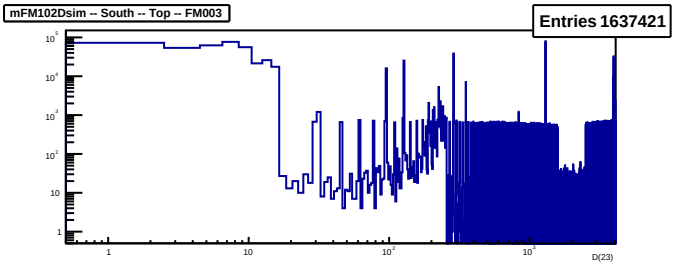
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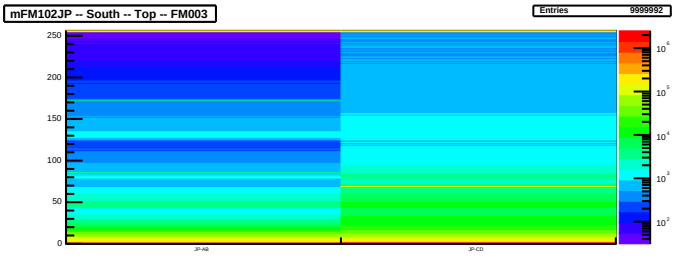
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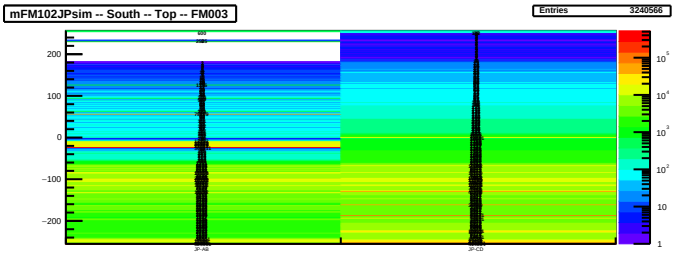
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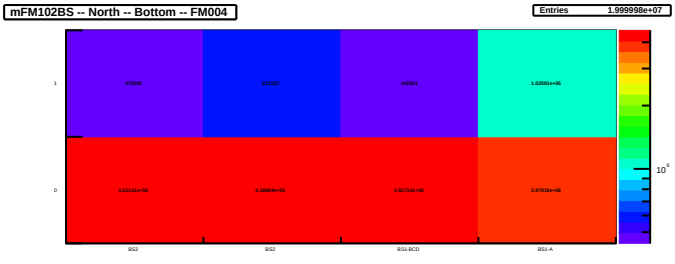
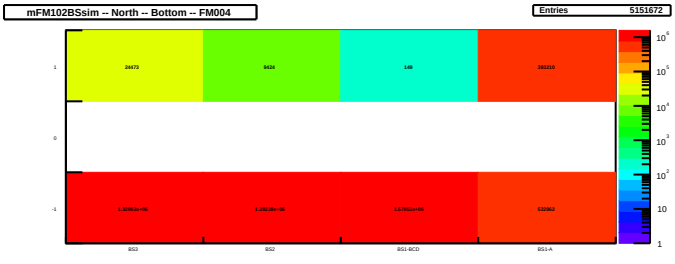

mFM102BS -- North -- Bottom -- FM004
Entries 1.999998e+07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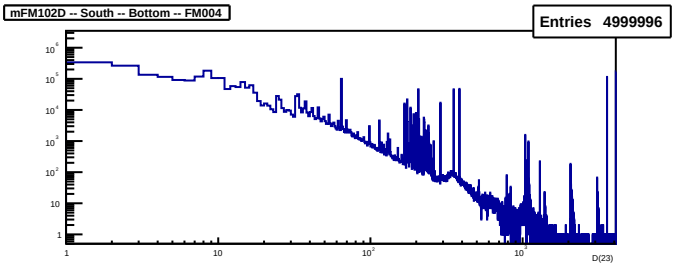
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Entries 4999996
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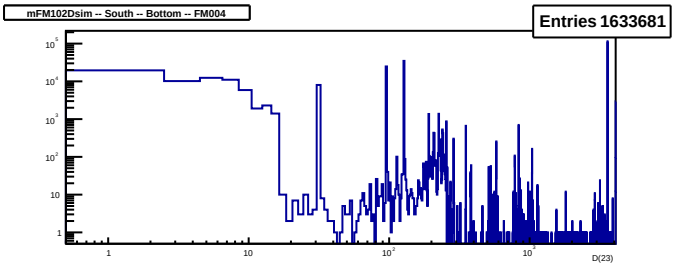
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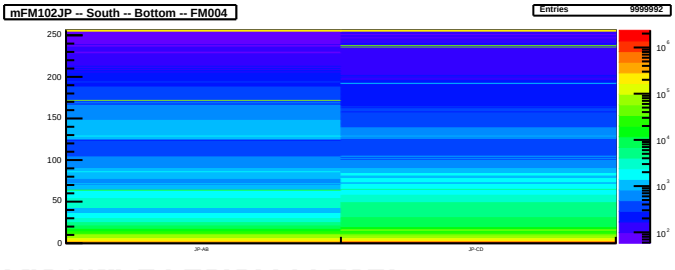
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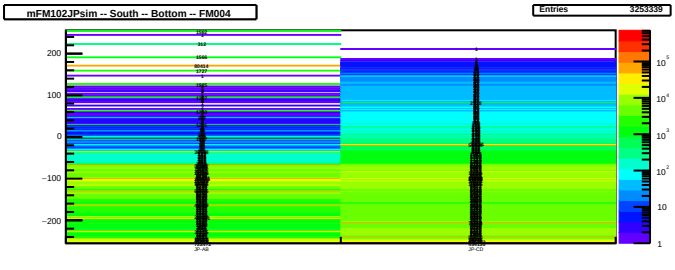
Entries 9999992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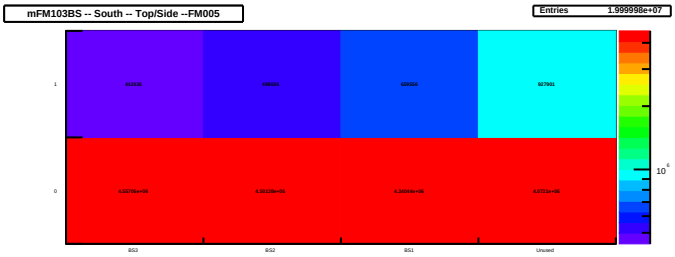
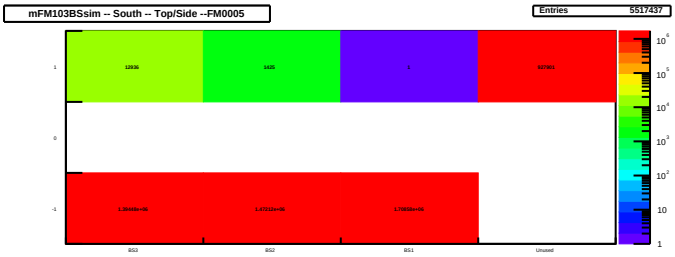

mFM103BS -- South -- Top/Side --FM005
Entries 1.999998e+07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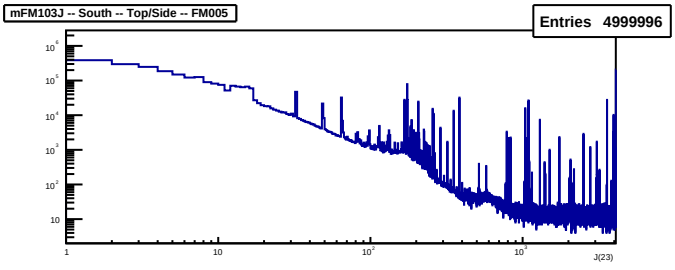
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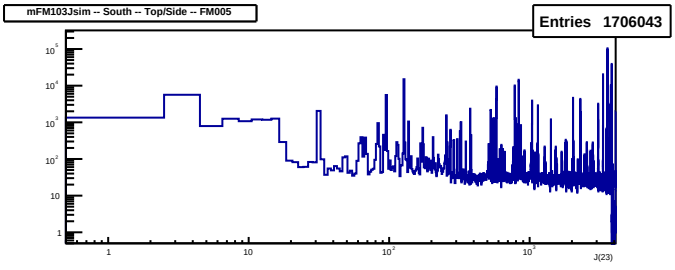
Entries 4999996
J(23)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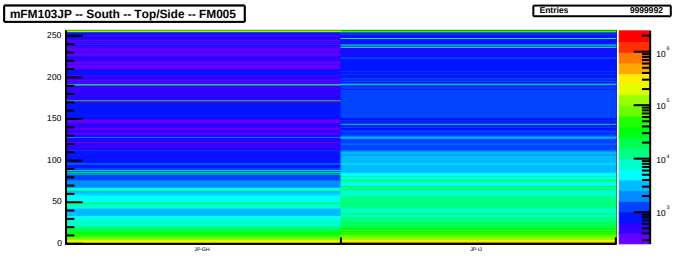
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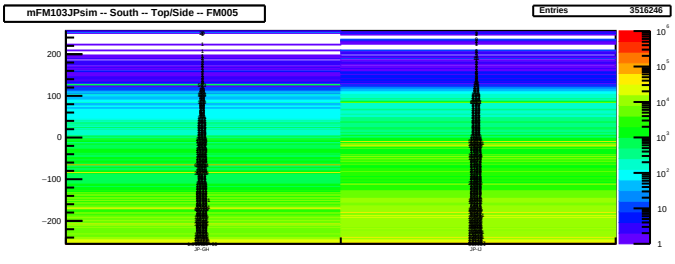
Entries 9999992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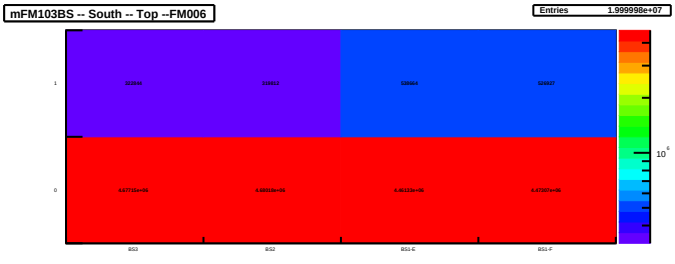
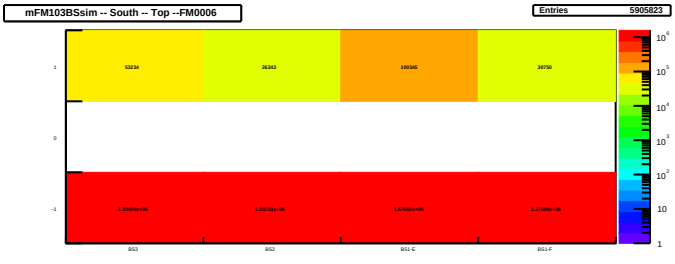

mFM103BS -- South -- Top --FM006
Entries 1.999998e+07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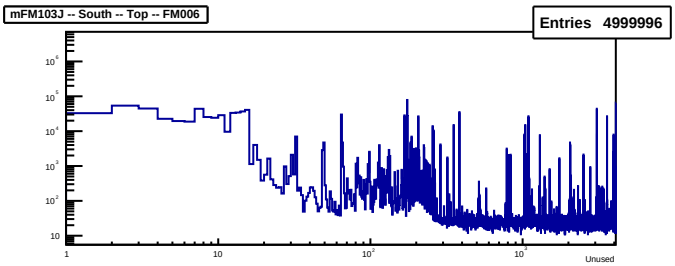
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Entries 4999996
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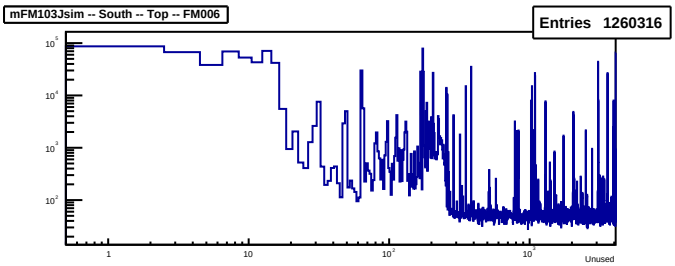
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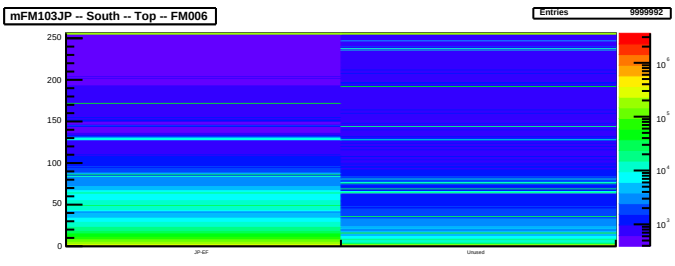
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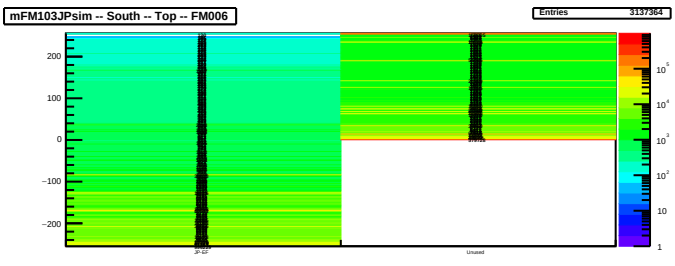
Entries 9999992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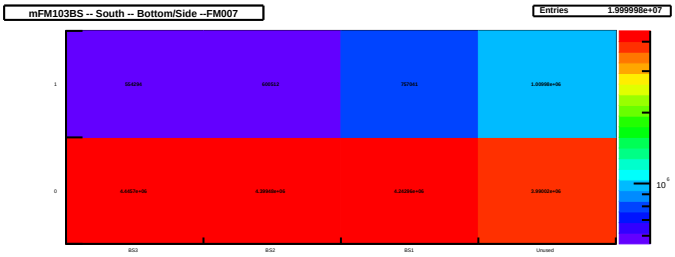
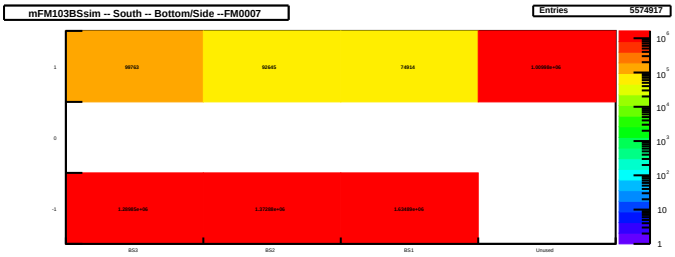

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.999998e+07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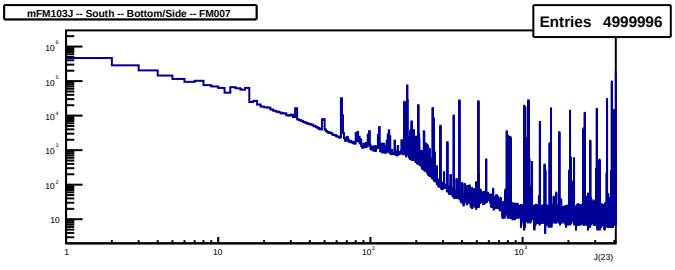
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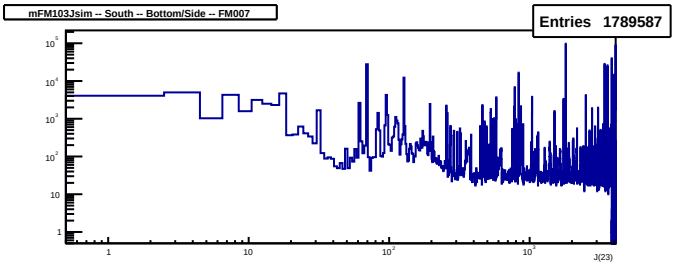
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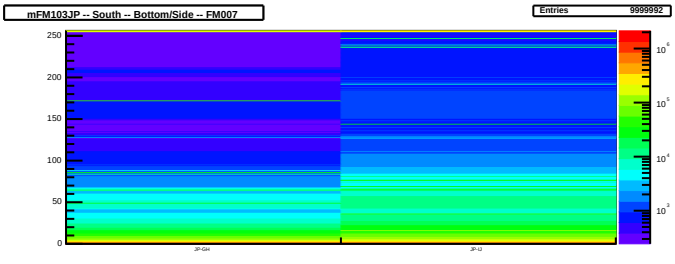
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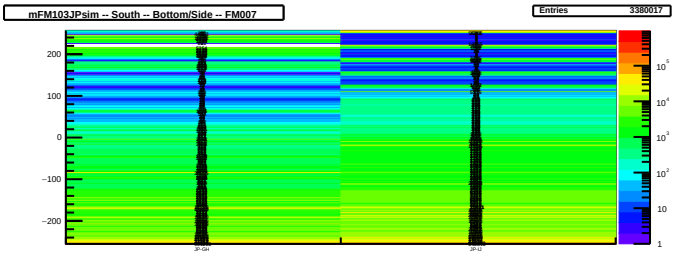
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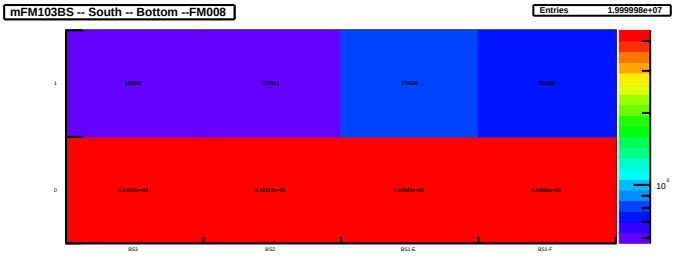
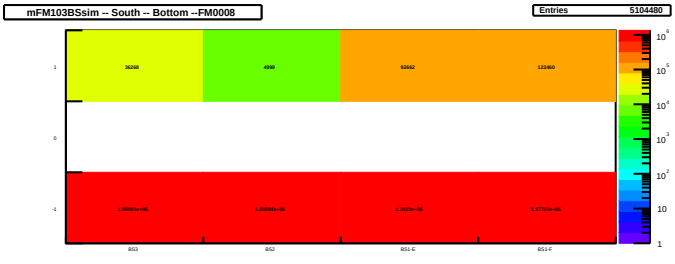
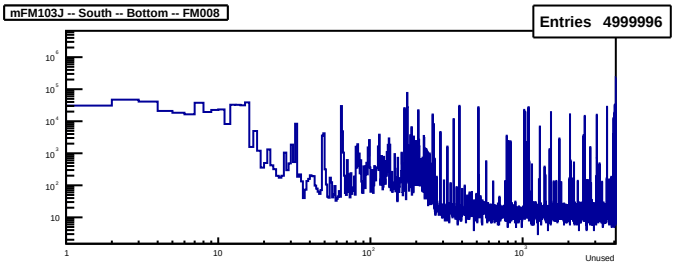
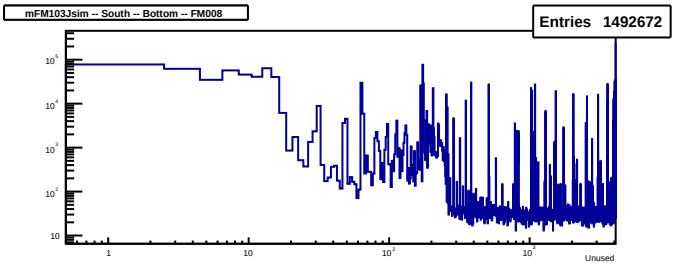

mFM103BS -- South -- Bottom --FM008
Entries 1.999998e+07


mFM103BSsim -- South -- Bottom --FM0008
Entries 5104480


mFM103J -- South -- Bottom -- FM008
Entries 4999996
Unused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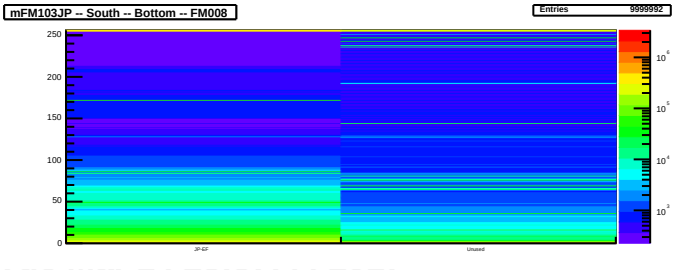
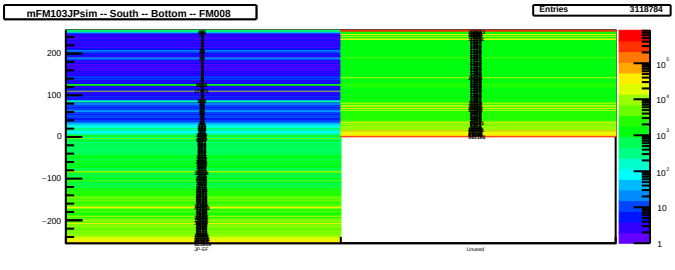
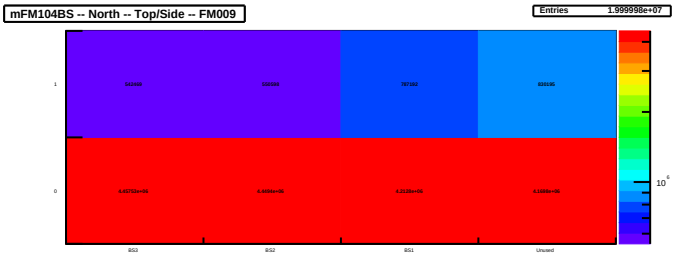
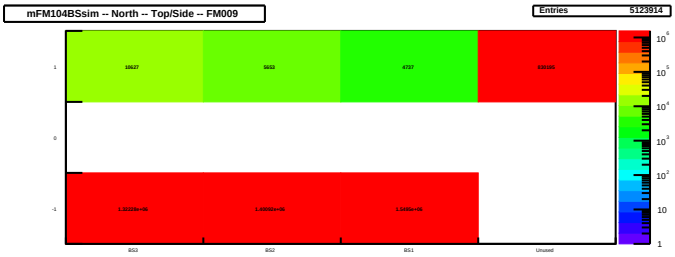
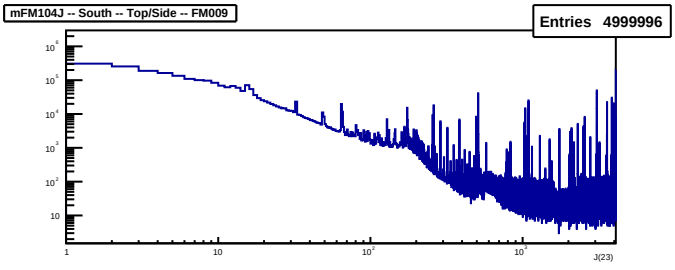
Entries 1492672
Unused

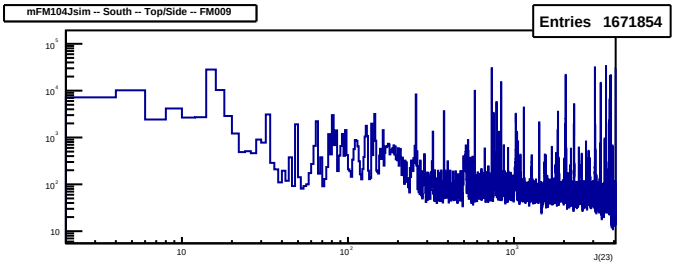

mFM103JP -- South -- Bottom -- FM008
Entries 9999992


mFM103JPsim -- South -- Bottom -- FM008
Entries 3118784


mFM104BS -- North -- Top/Side -- FM009
Entries 1.999998e+07
BS3
BS2
BS1
Unused


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5123914
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 4999996
J(23)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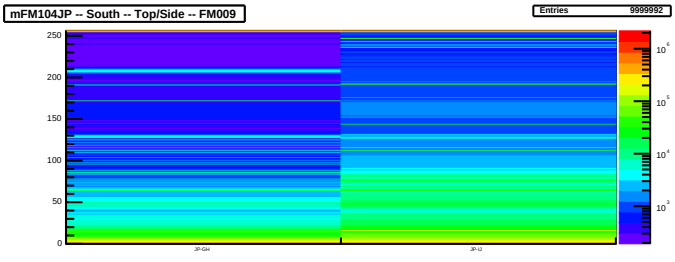
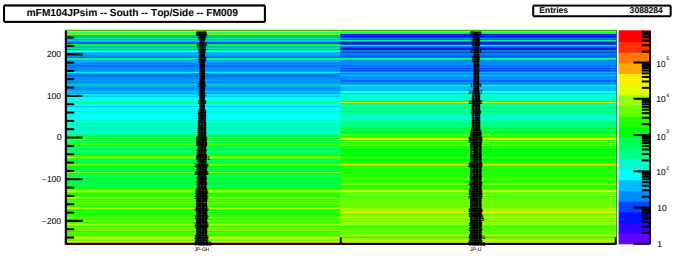
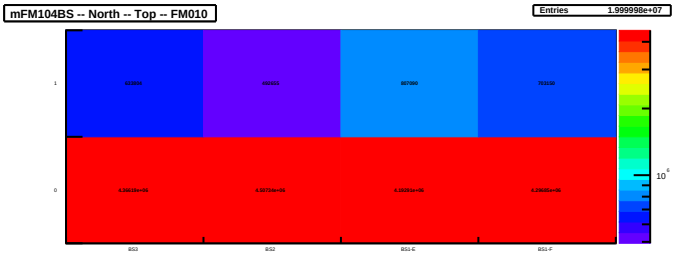
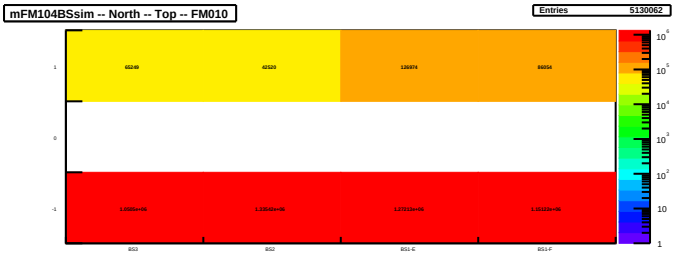
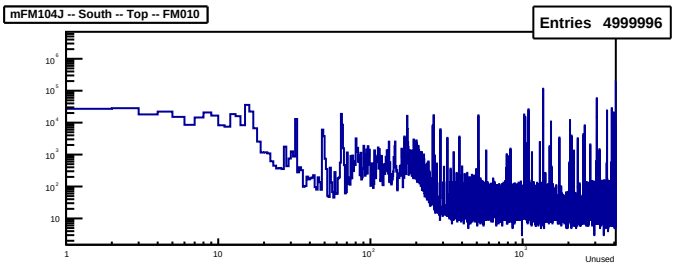
Entries 1671854
J(23)

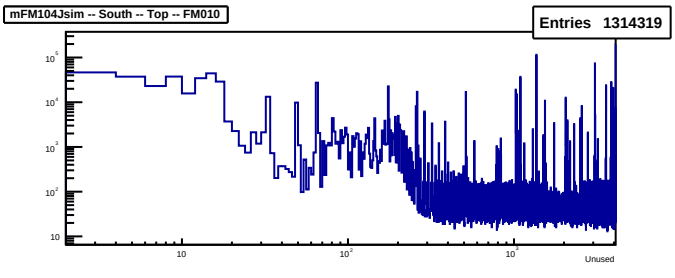

mFM104JP -- South -- Top/Side -- FM009
Entries 9999992
JP-GH
JP-IJ

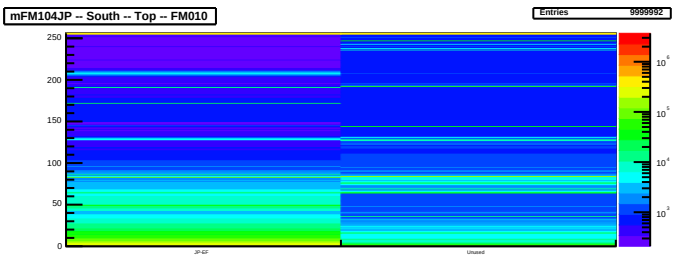

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3088284
JP-GH
JP-IJ

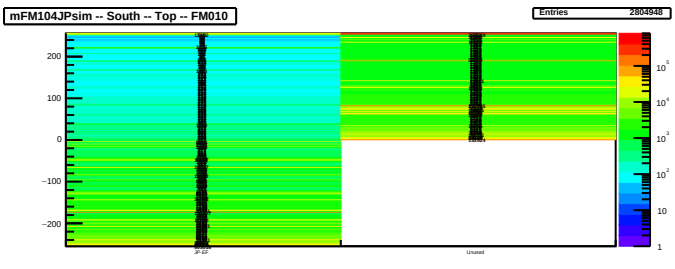

mFM104BS -- North -- Top -- FM010
Entries 1.999998e+07
BS3
BS2
BS1-E
BS1-F

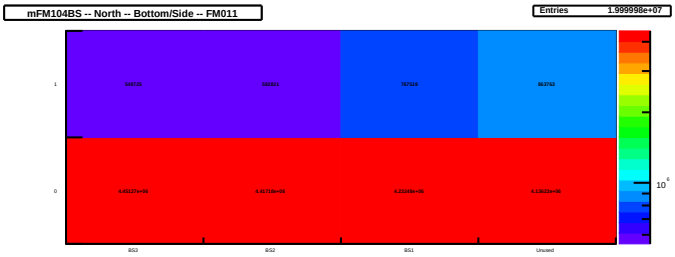

mFM104BSsim -- North -- Top -- FM010
Entries 5130062
BS3
BS2
BS1-E
BS1-F

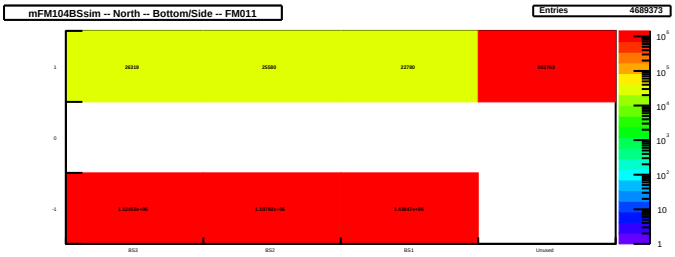

mFM104J -- South -- Top -- FM010
Entries 4999996
Unused

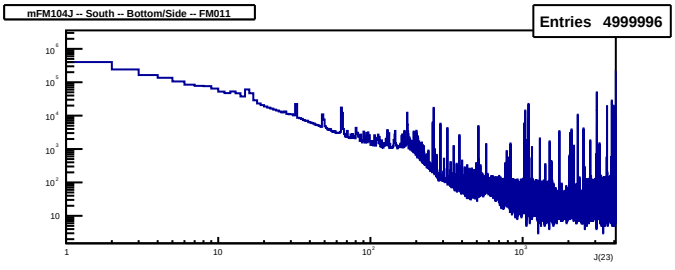

mFM104Jsim -- South -- Top -- FM010
Entries 1314319
Unused

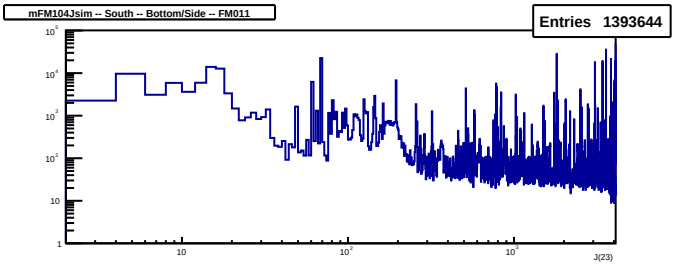

mFM104JP -- South -- Top -- FM010
Entries 9999992
JP-EF
Unused

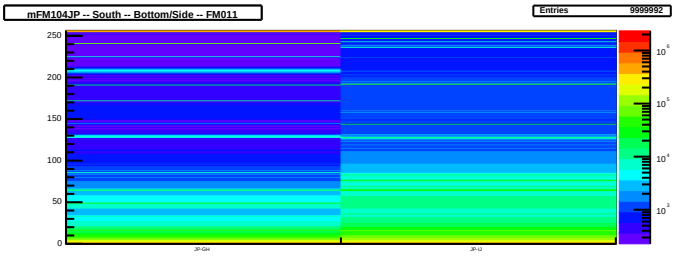

mFM104JPsim -- South -- Top -- FM010
Entries 2804948
JP-EF
Unused

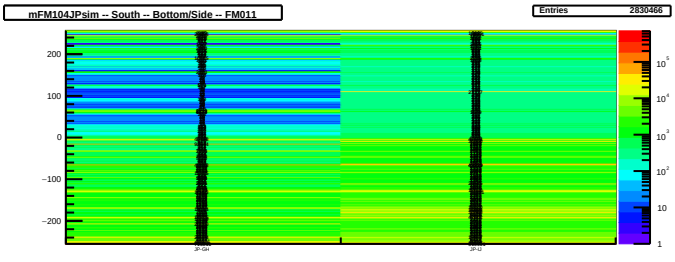

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.999998e+07

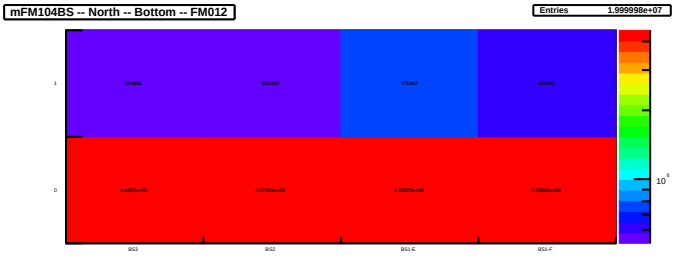

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4689373

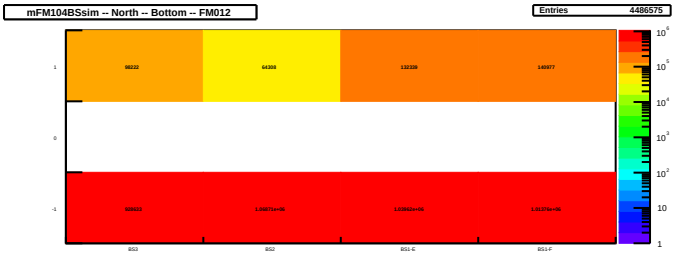

mFM104J -- South -- Bottom/Side -- FM011
Entries 4999996
J(23)

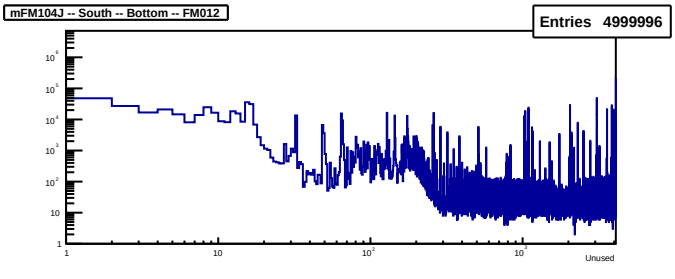

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1393644
J(23)

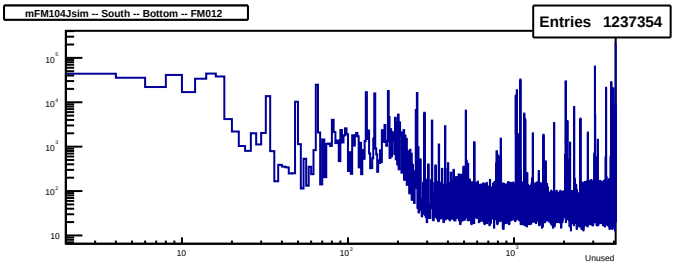

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9999992

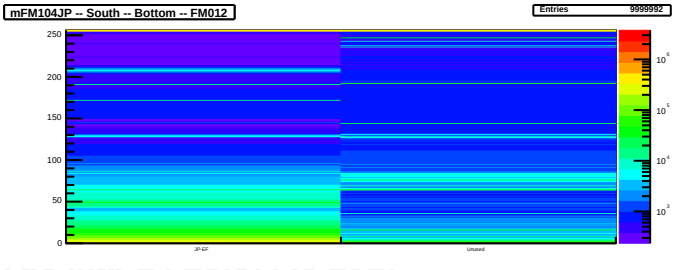

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2830466

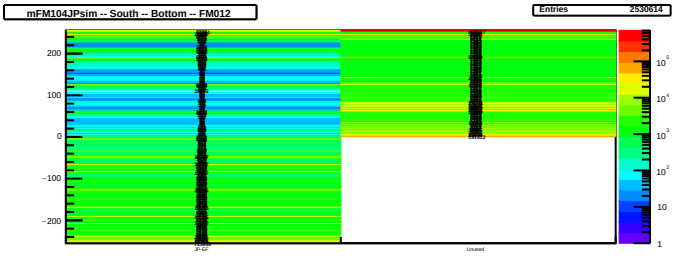

mFM104BS -- North -- Bottom -- FM012
Entries 1.999998e+07

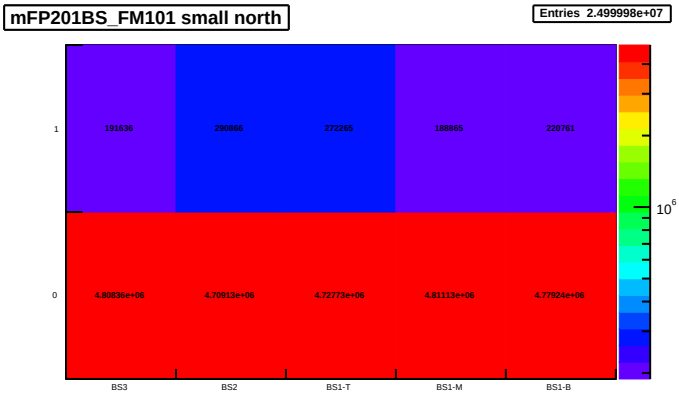

mFM104BSsim -- North -- Bottom -- FM012
Entries 4486575

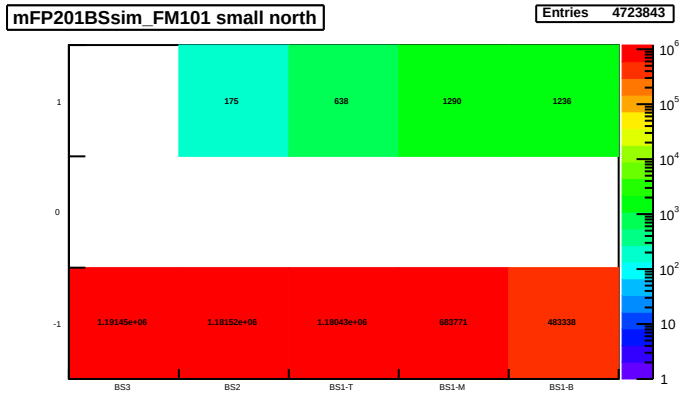

mFM104J -- South -- Bottom -- FM012
Entries 4999996
Unused

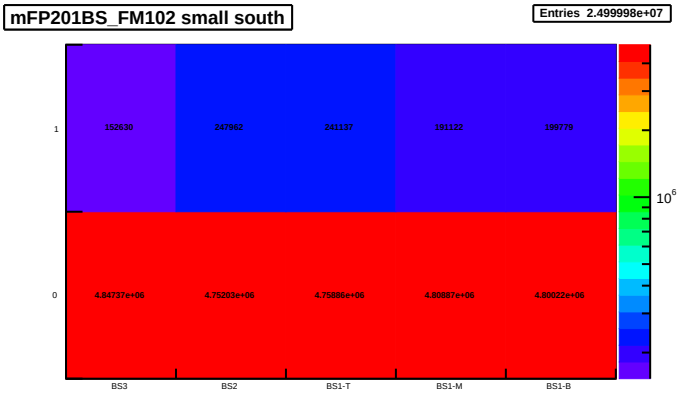

mFM104Jsim -- South -- Bottom -- FM012
Entries 1237354
Unused

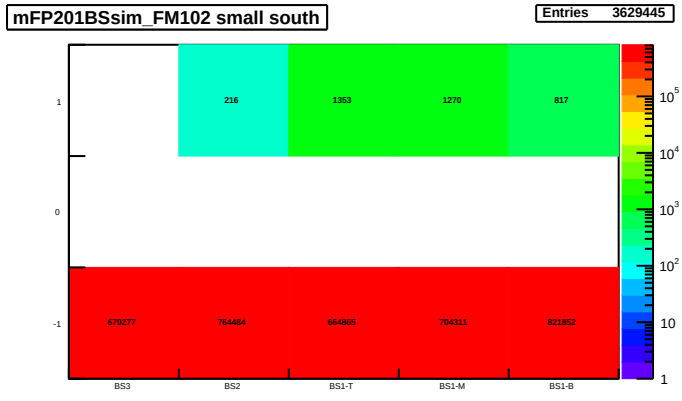

mFM104JP -- South -- Bottom -- FM012
Entries 9999992

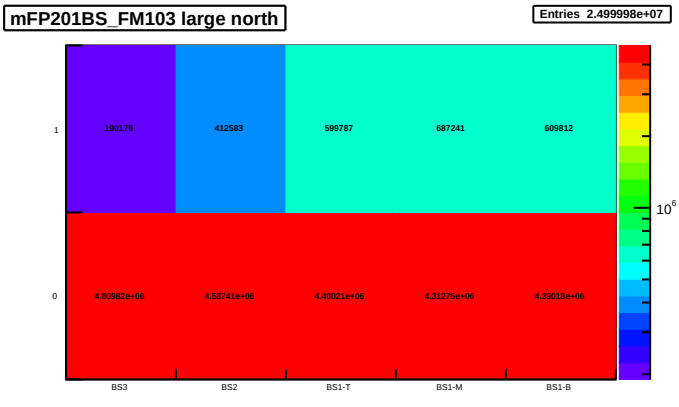

mFM104JPsim -- South -- Bottom -- FM012
Entries 2530614

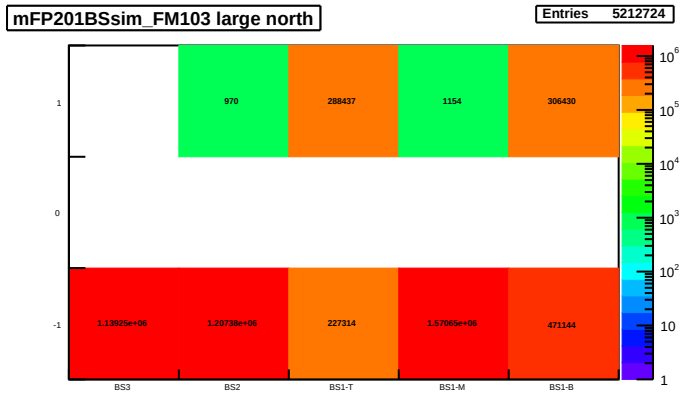

mFP201BS_FM101 small north
Entries 2.499998e+07
191636
290866
272265
188865
220761
4.80836e+06
4.70913e+06
4.72773e+06
4.81113e+06
4.77924e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

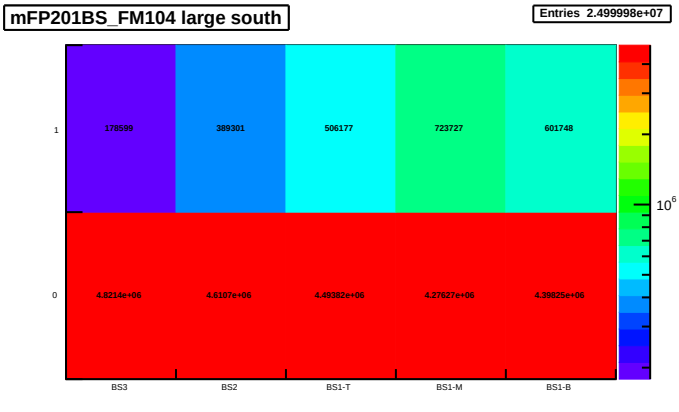

mFP201BSsim_FM101 small north
Entries 4723843
175
638
1290
1236
1.19145e+06
1.18152e+06
1.18043e+06
683771
483338
BS3
BS2
BS1-T
BS1-M
BS1-B

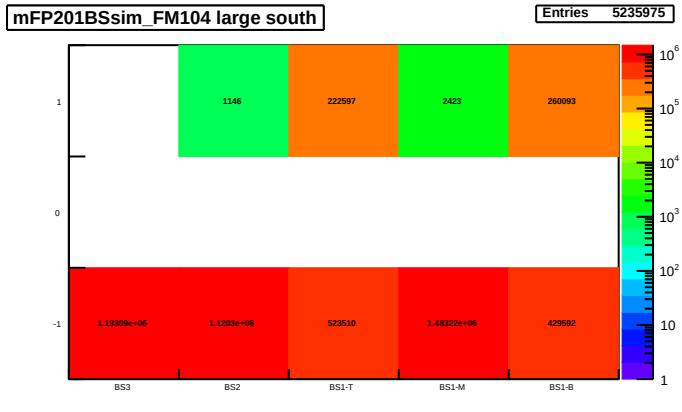

mFP201BS_FM102 small south
Entries 2.499998e+07
152630
247962
241137
191122
199779
4.84737e+06
4.75203e+06
4.75886e+06
4.80887e+06
4.80022e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

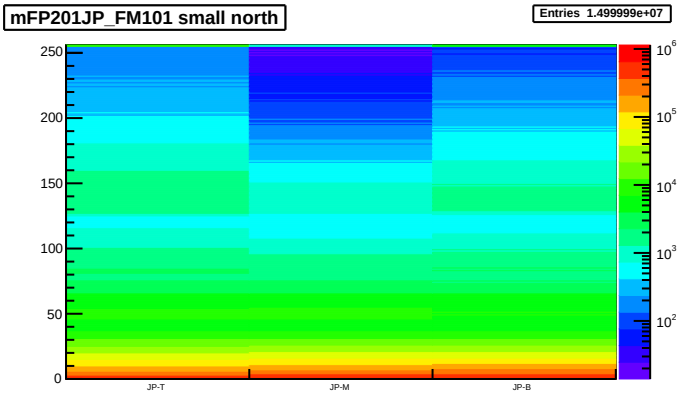

mFP201BSsim_FM102 small south
Entries 3629445
216
1353
1270
817
670277
764484
664865
704311
821852
BS3
BS2
BS1-T
BS1-M
BS1-B

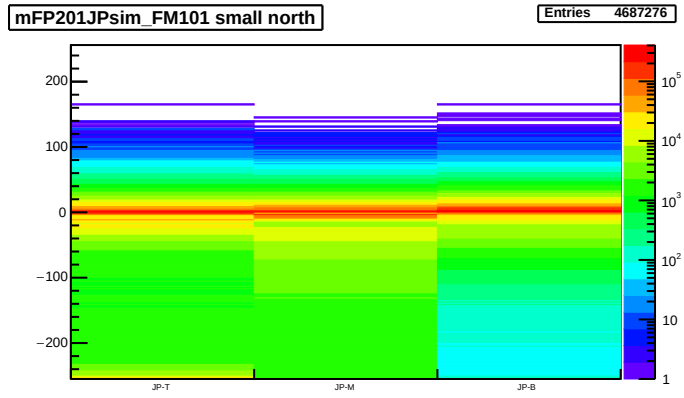

mFP201BS_FM103 large north
Entries 2.499998e+07
190178
412583
599787
687241
609812
4.80982e+06
4.58741e+06
4.40021e+06
4.31276e+06
4.39018e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

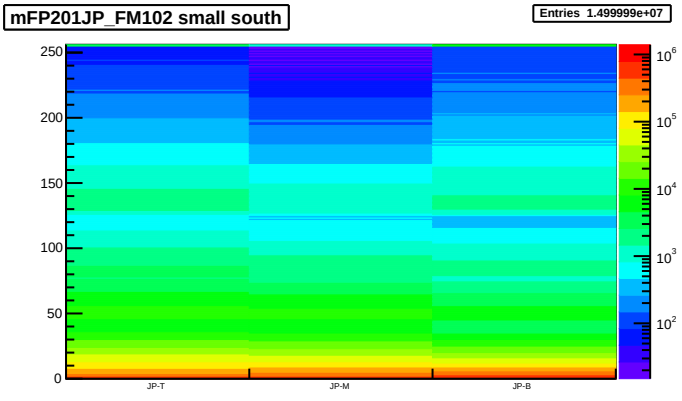

mFP201BSsim_FM103 large north
Entries 5212724
970
288437
1154
306430
1.13925e+06
1.20738e+06
227314
1.57065e+06
471144
BS3
BS2
BS1-T
BS1-M
BS1-B

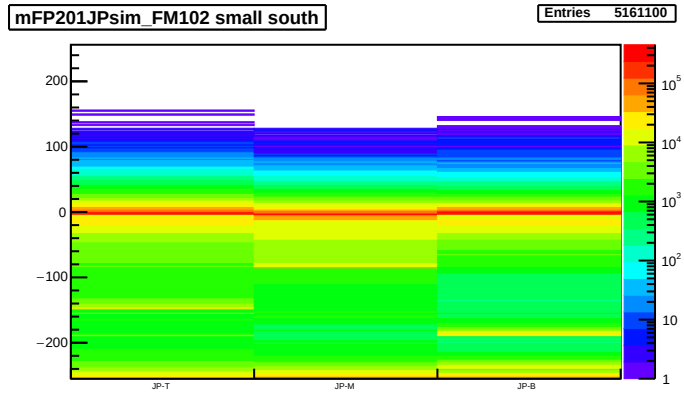

mFP201BS_FM104 large south
Entries 2.499998e+07
178599
389301
506177
723727
601748
4.8214e+06
4.6107e+06
4.49382e+06
4.27627e+06
4.39825e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

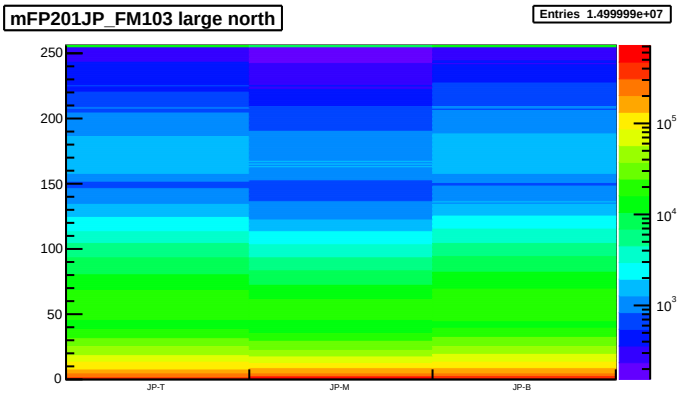

mFP201BSsim_FM104 large south
Entries 5235975
1146
222597
2423
260093
1.19309e+06
1.1203e+06
523510
1.48322e+06
429592
BS3
BS2
BS1-T
BS1-M
BS1-B

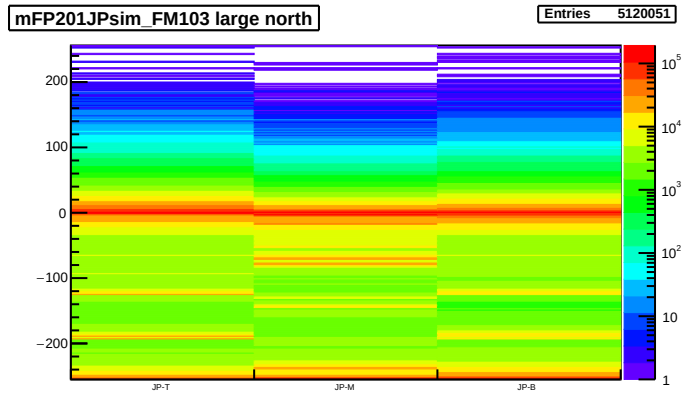

mFP201JP_FM101 small north
Entries 1.499999e+07
JP-T
JP-M
JP-B

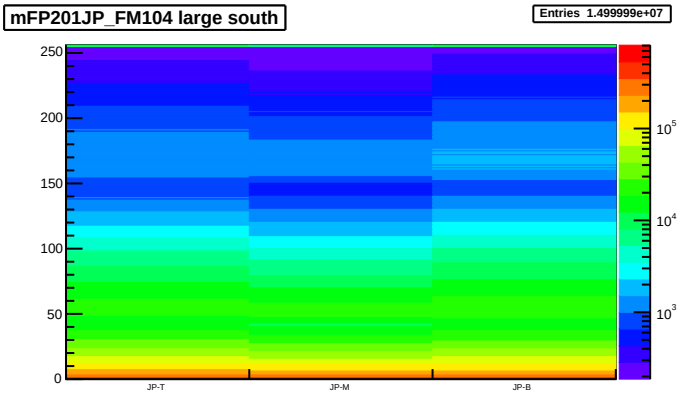

mFP201JPsim_FM101 small north
Entries 4687276
JP-T
JP-M
JP-B

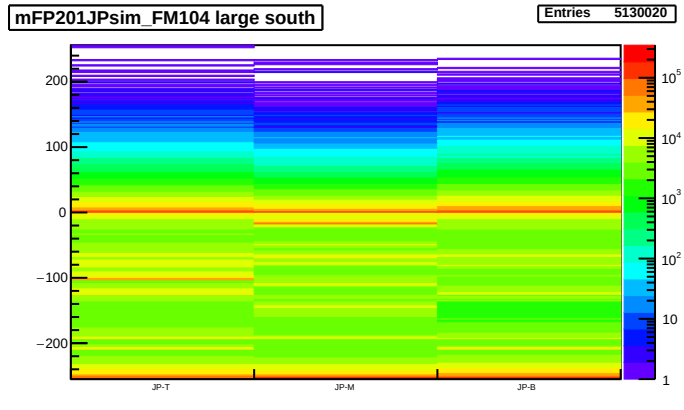

mFP201JP_FM102 small south
Entries 1.499999e+07
JP-T
JP-M
JP-B

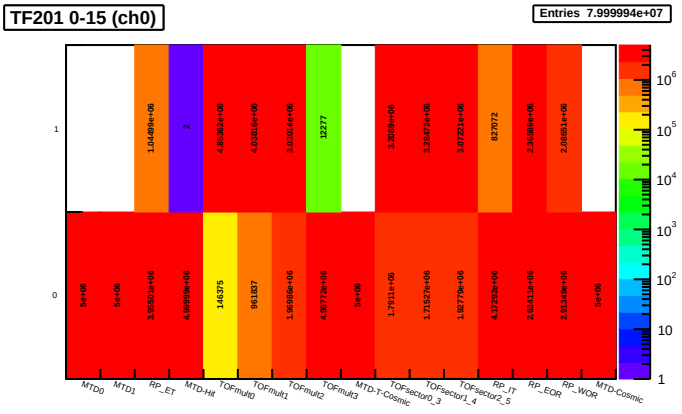

mFP201JPsim_FM102 small south
Entries 5161100
JP-T
JP-M
JP-B

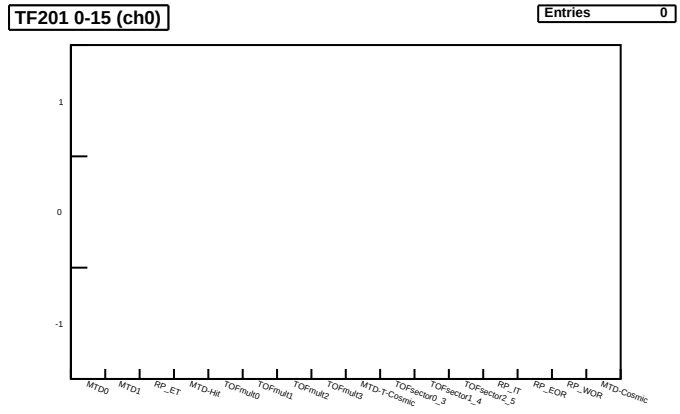

mFP201JP_FM103 large north
Entries 1.499999e+07
JP-T
JP-M
JP-B

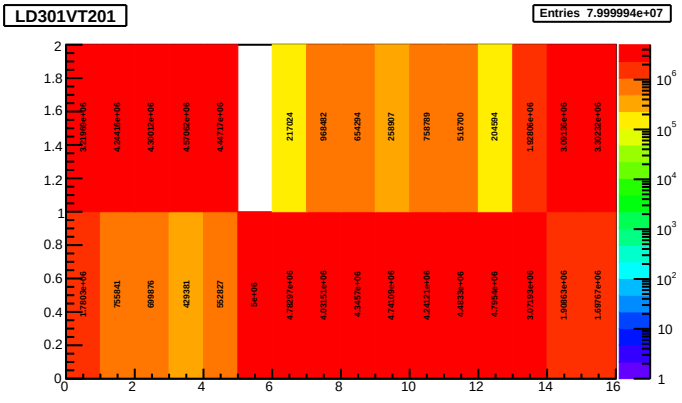

mFP201JPsim_FM103 large north
Entries 5120051
JP-T
JP-M
JP-B

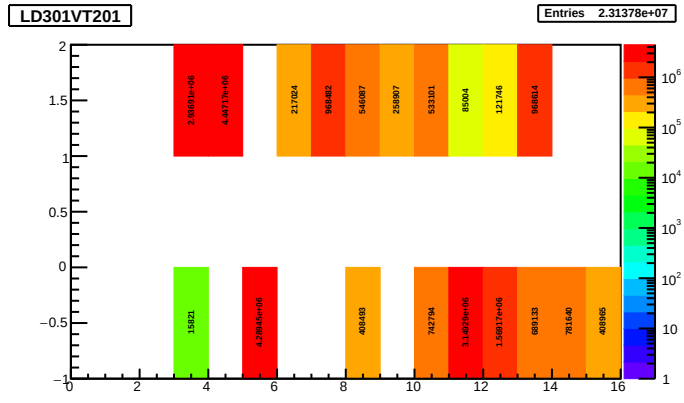

mFP201JP_FM104 large south
Entries 1.499999e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5130020
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.999994e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 7.999994e+07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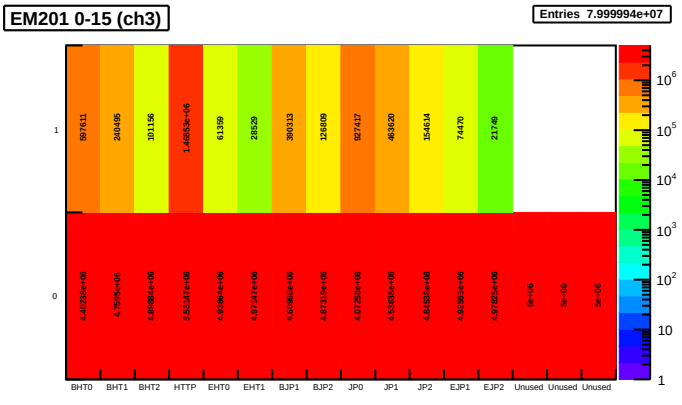
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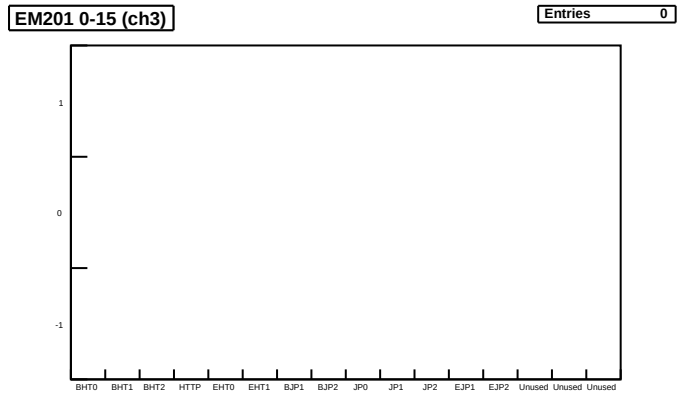
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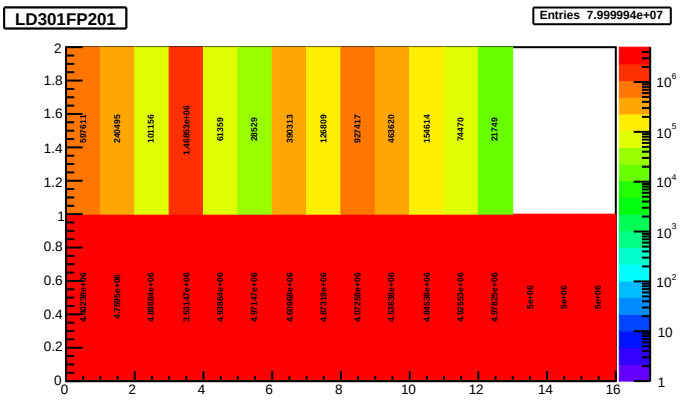
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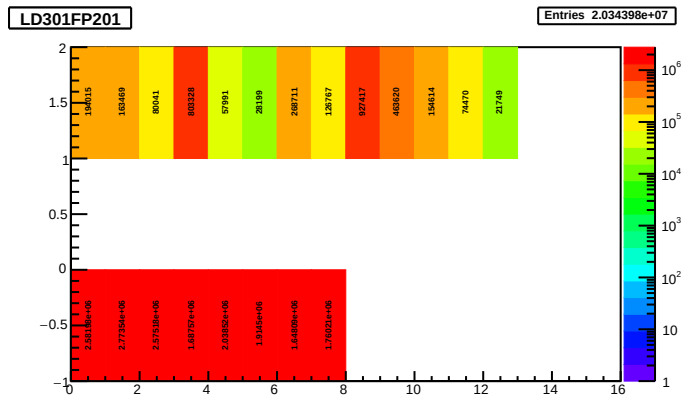
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