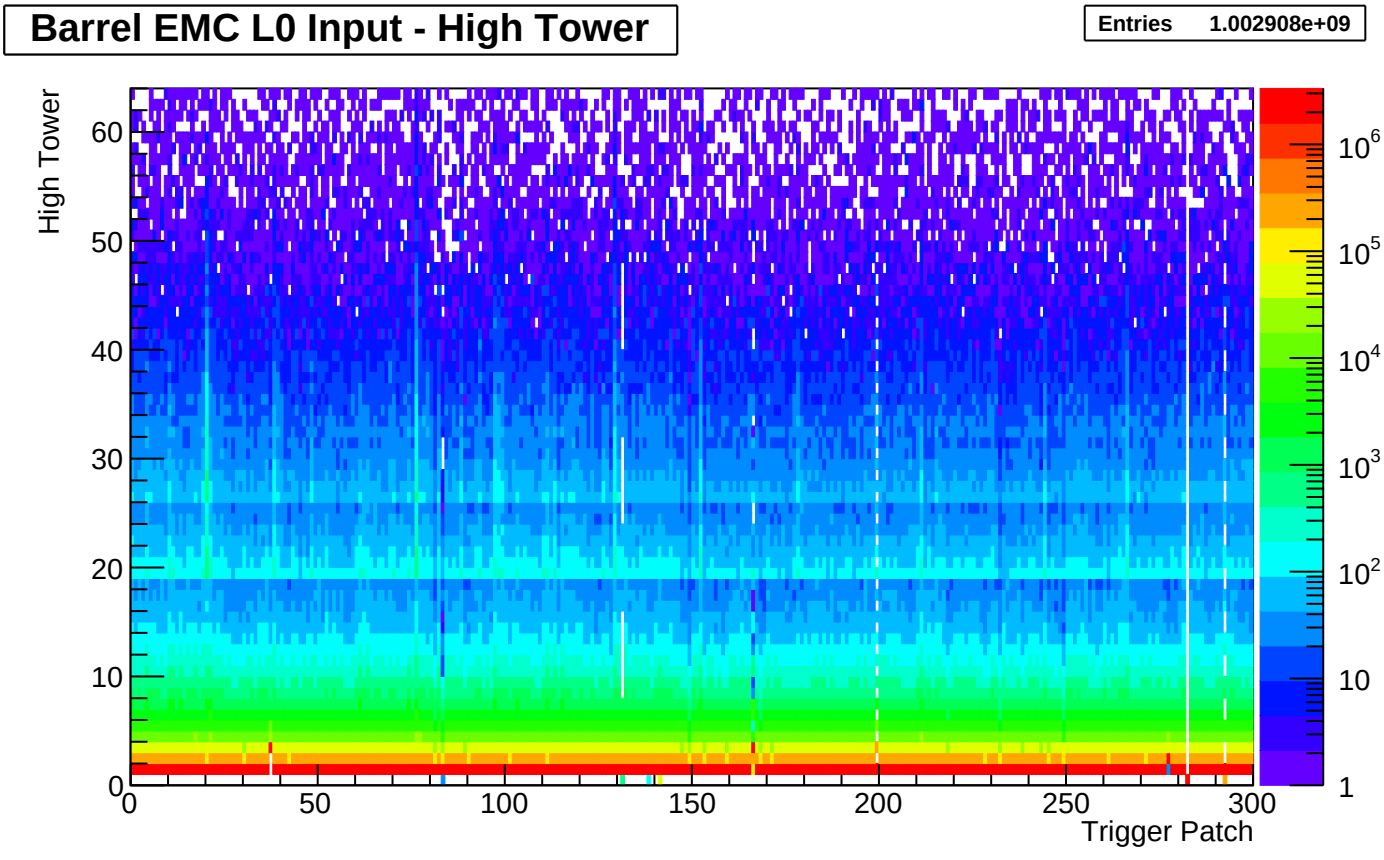
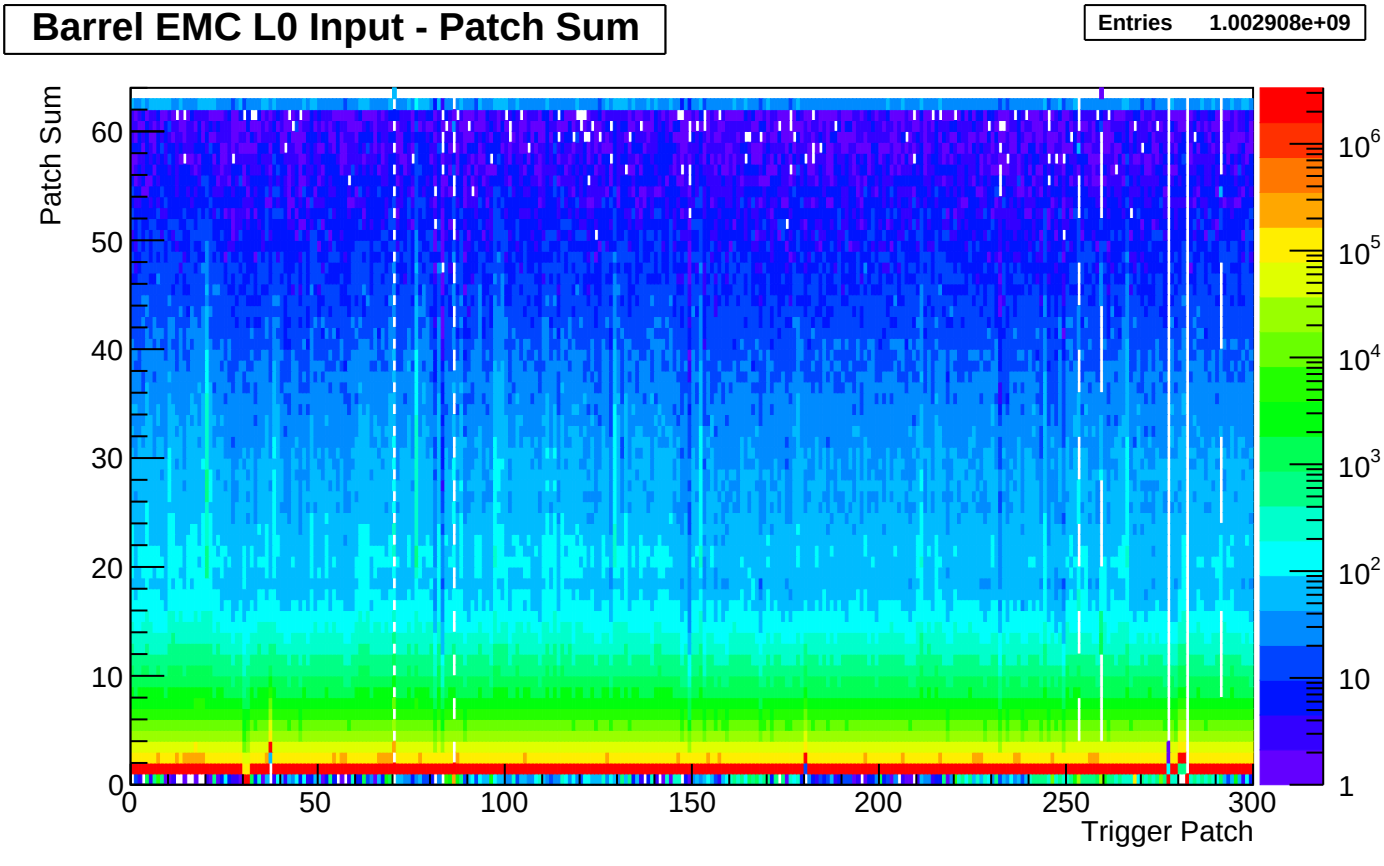
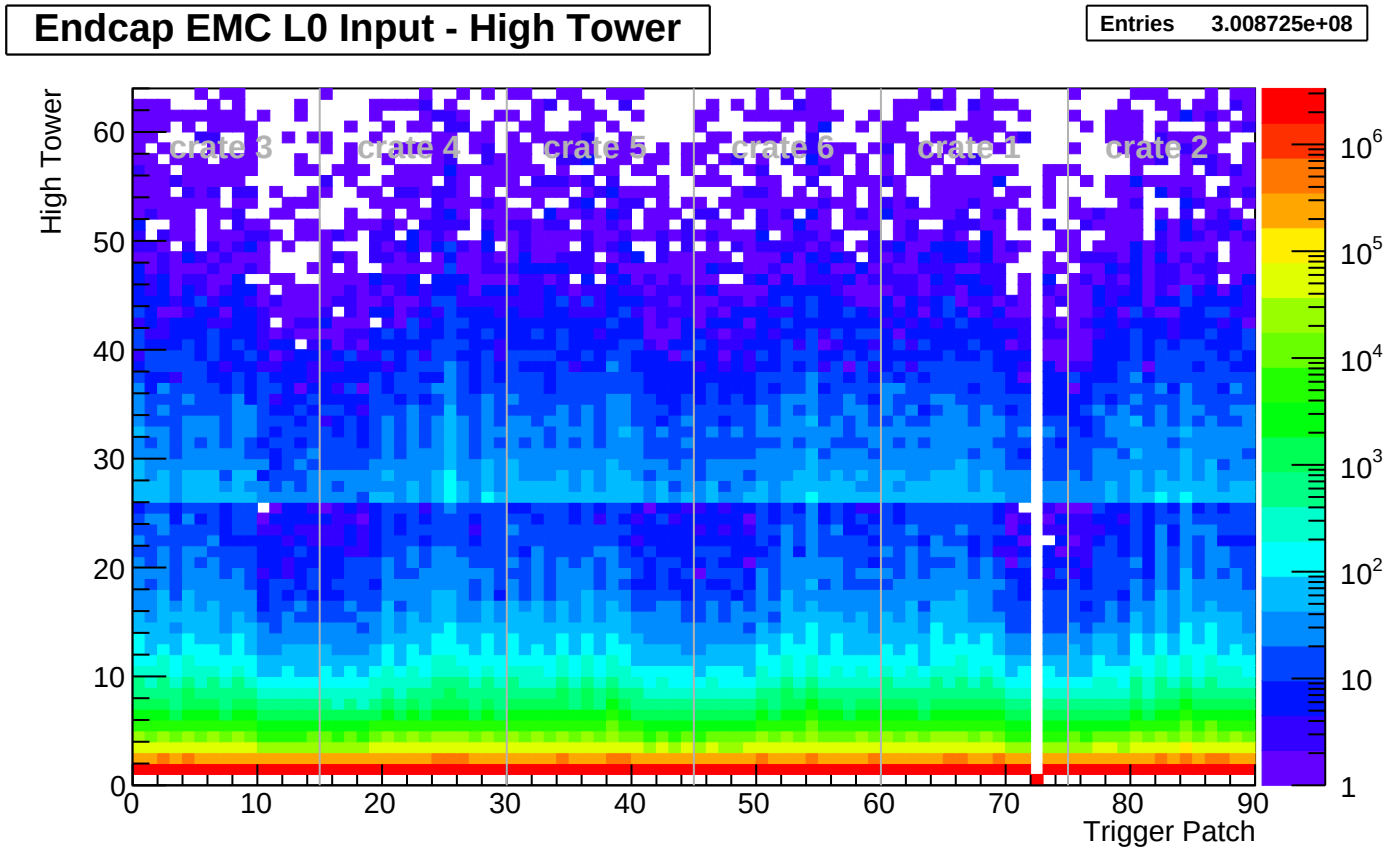
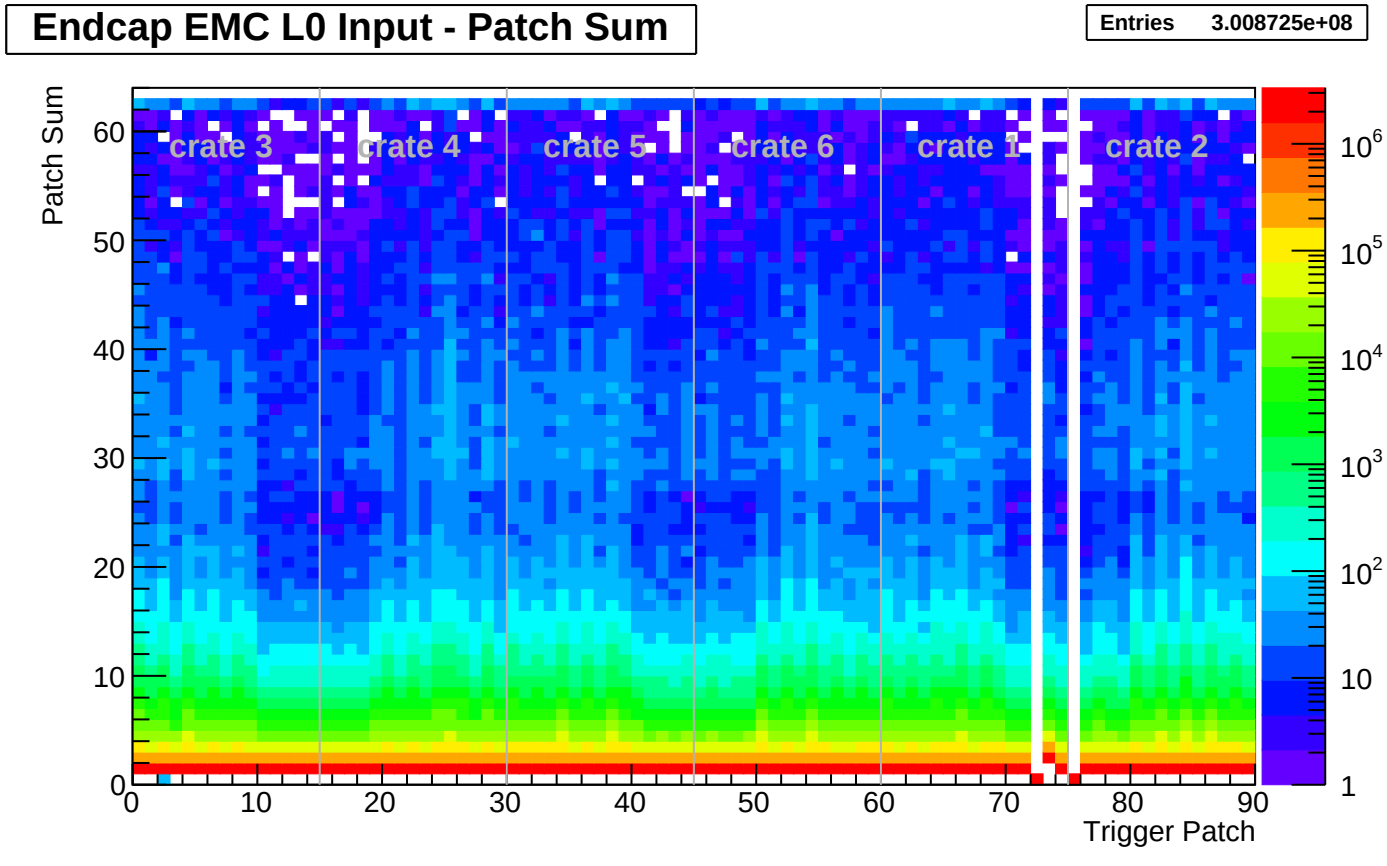
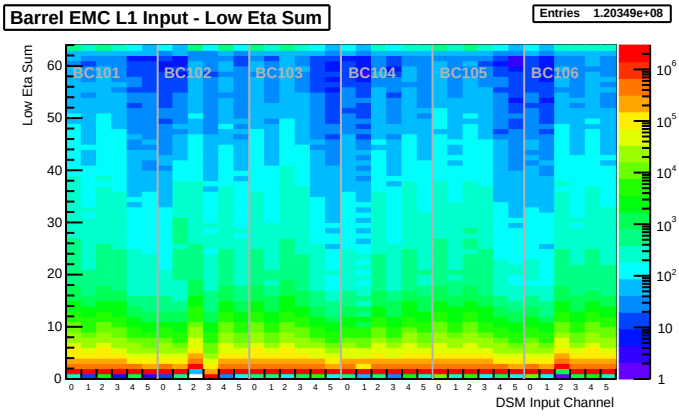
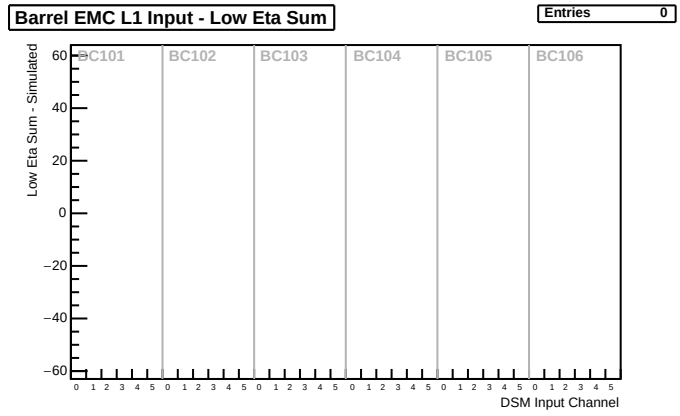

Barrel EMC L0 Input - High Tower
Entries 1.002908e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

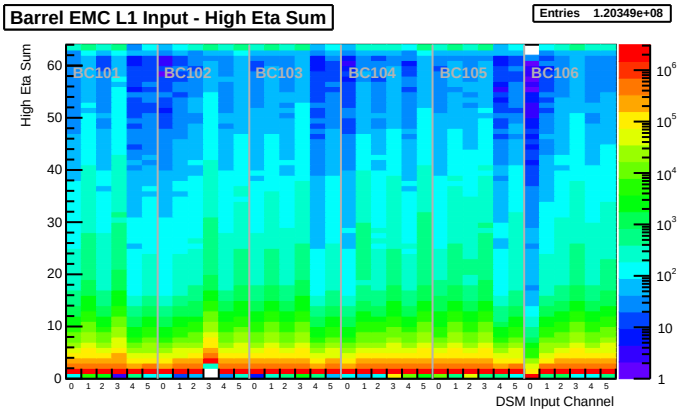

Barrel EMC L0 Input - Patch Sum
Entries 1.002908e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

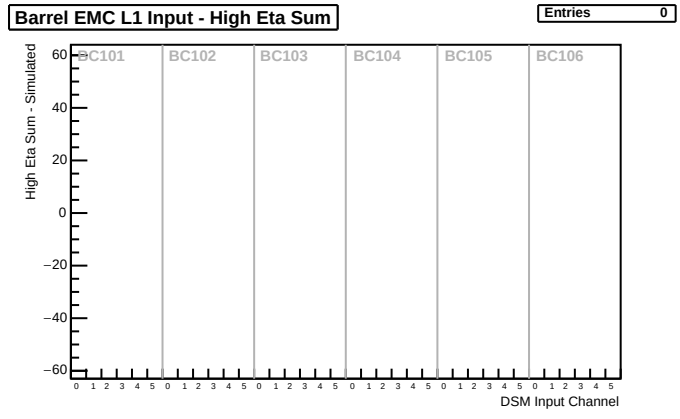

Endcap EMC L0 Input - High Tower
Entries 3.008725e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

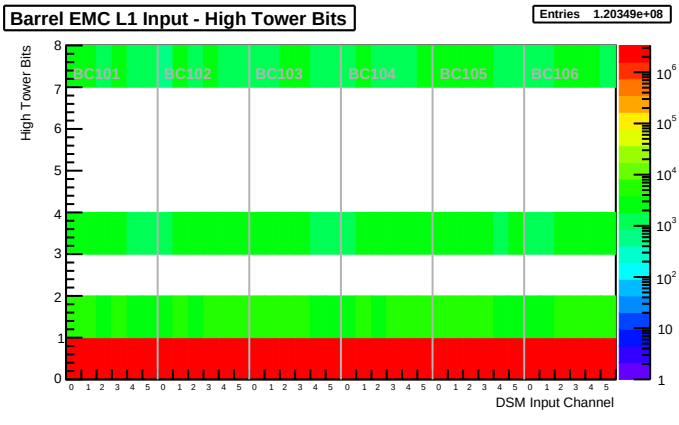

Endcap EMC L0 Input - Patch Sum
Entries 3.008725e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

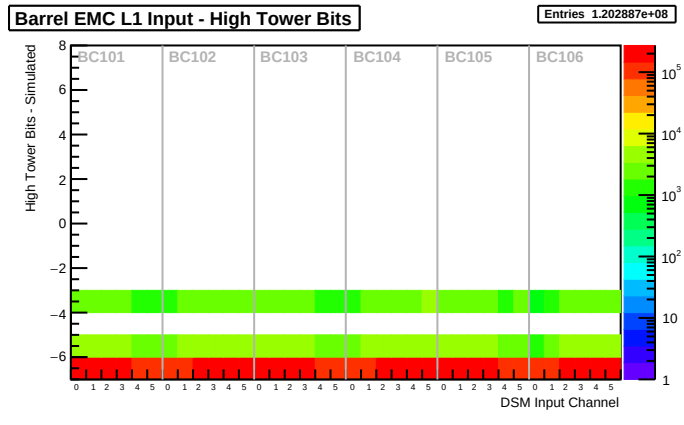

Barrel EMC L1 Input - Low Eta Sum
Entries 1.20349e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

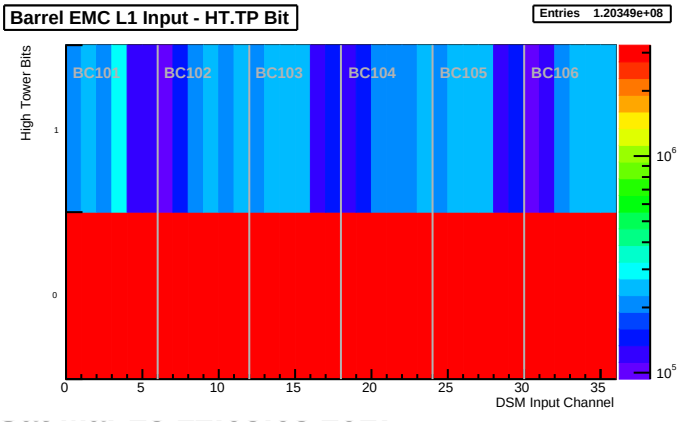

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

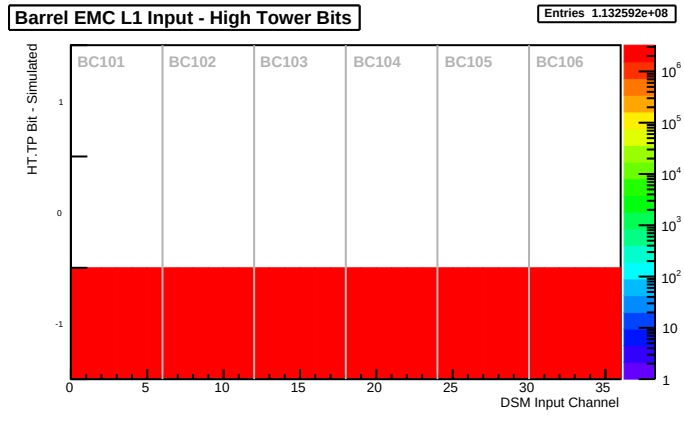

Barrel EMC L1 Input - High Eta Sum
Entries 1.20349e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

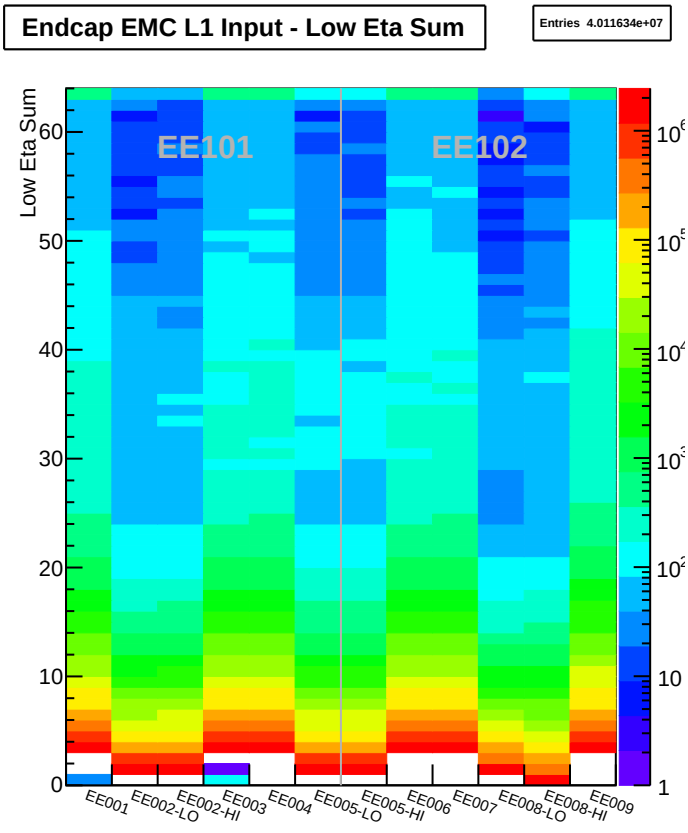

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

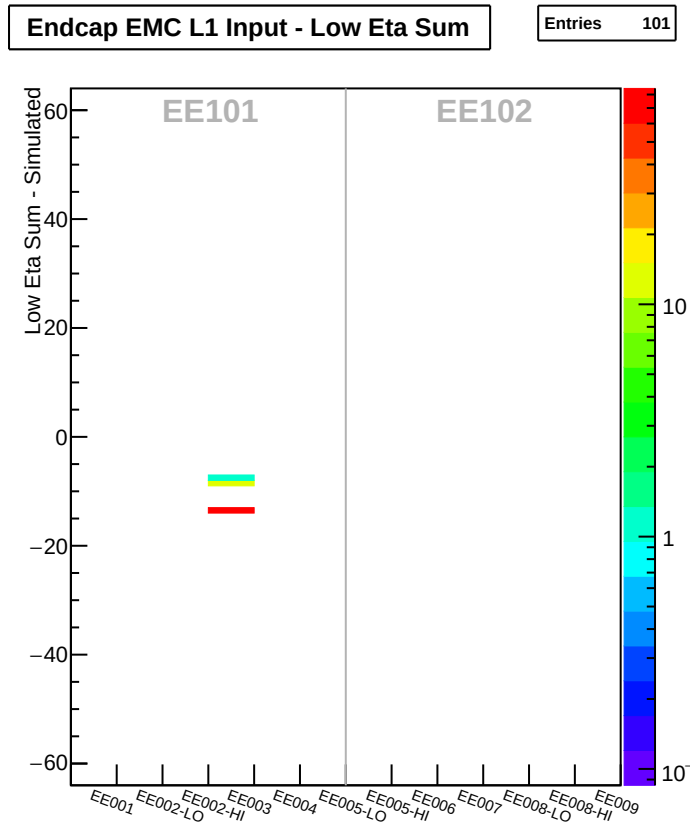

Barrel EMC L1 Input - High Tower Bits
Entries 1.20349e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

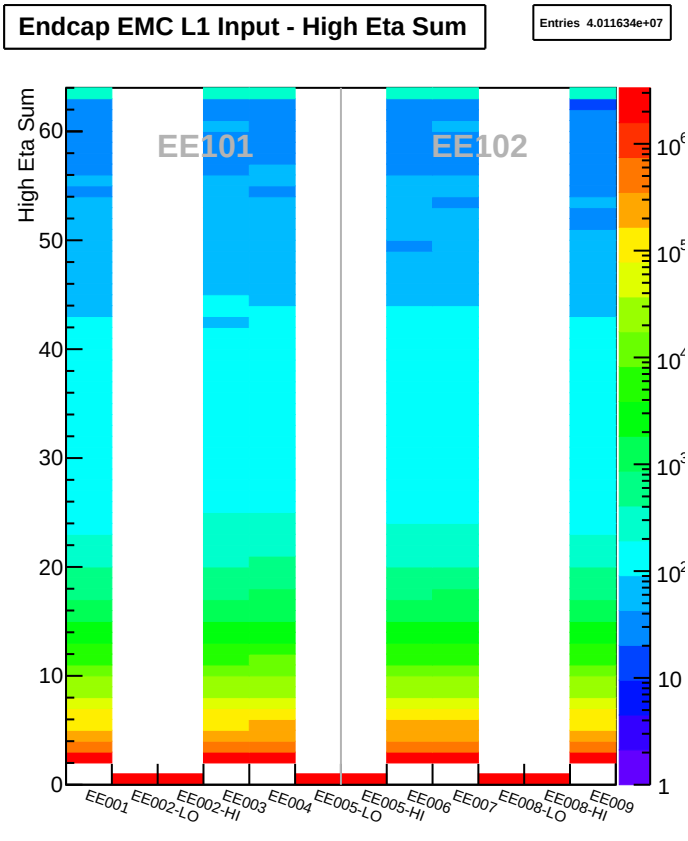

Barrel EMC L1 Input - High Tower Bits
Entries 1.202887e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

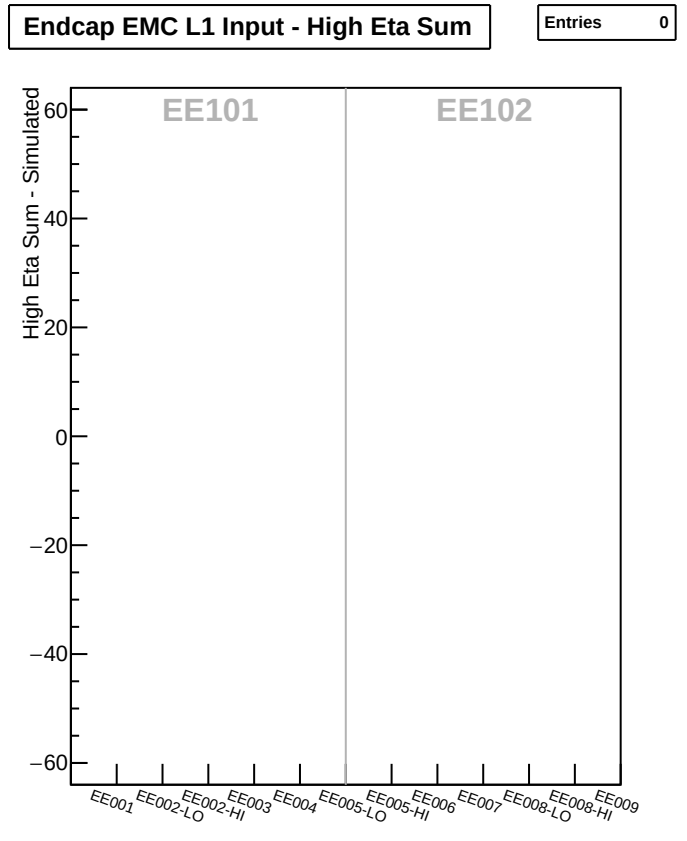

Barrel EMC L1 Input - HT.TP Bit
Entries 1.20349e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

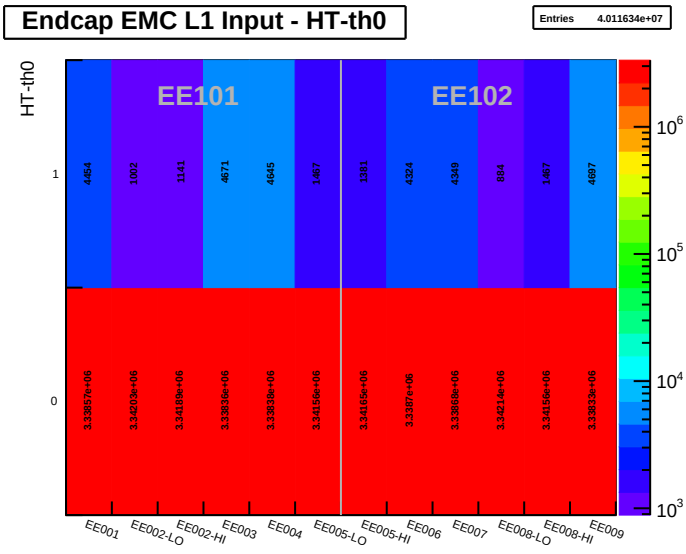

Barrel EMC L1 Input - High Tower Bits
Entries 1.132592e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

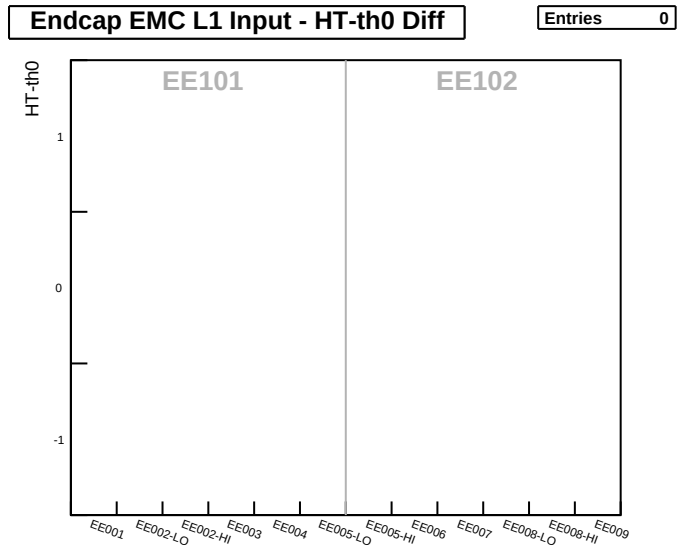

Endcap EMC L1 Input - Low Eta Sum
Entries 4.011634e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

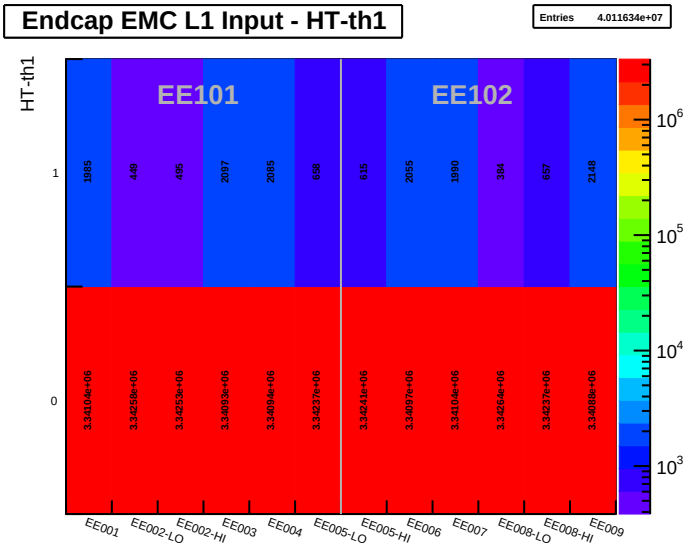

Endcap EMC L1 Input - Low Eta Sum
Entries 101
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

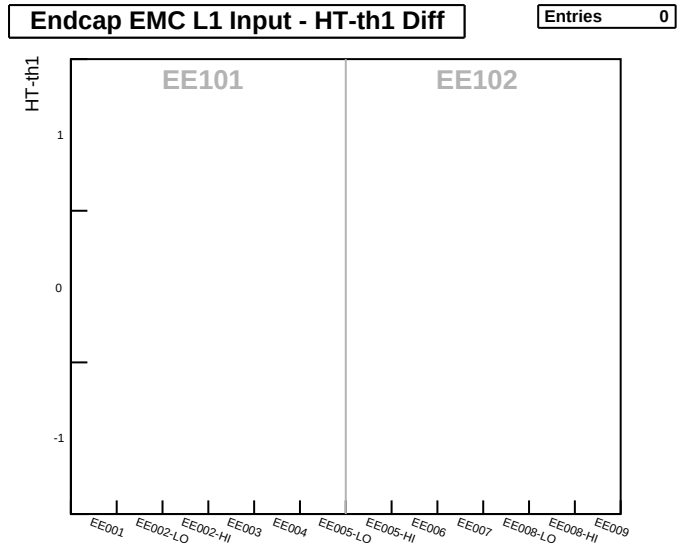

Endcap EMC L1 Input - High Eta Sum
Entries 4.011634e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

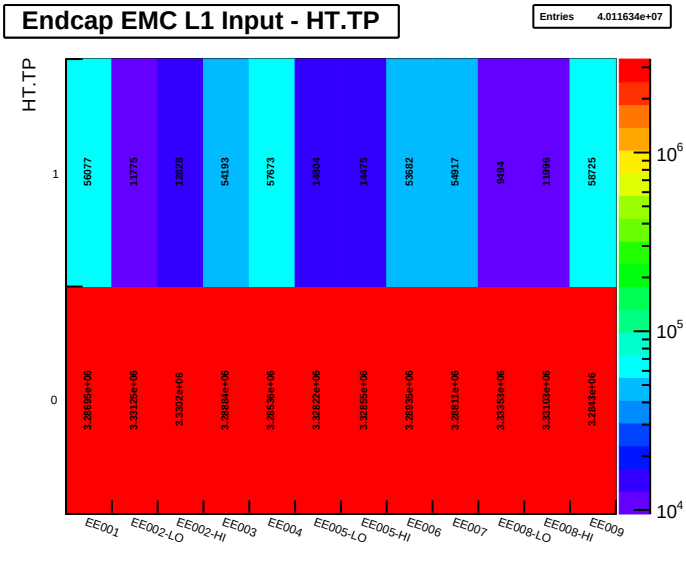

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

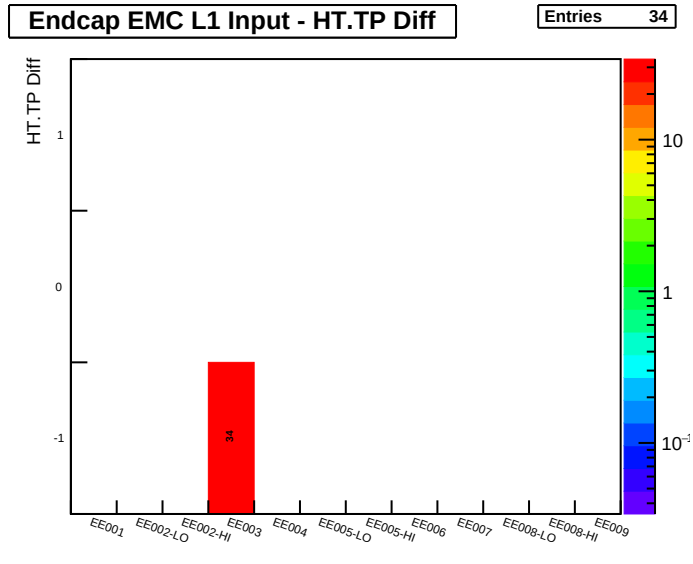

Endcap EMC L1 Input - HT-th0
Entries 4.011634e+07
HT-th0
EE101
EE102
1
0
4454
1002
1141
4671
4645
1467
1381
4324
4349
884
1467
4697
3.33857e+06
3.34203e+06
3.34189e+06
3.33836e+06
3.33838e+06
3.34156e+06
3.34156e+06
3.33376e+06
3.33868e+06
3.34214e+06
3.34156e+06
3.33833e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

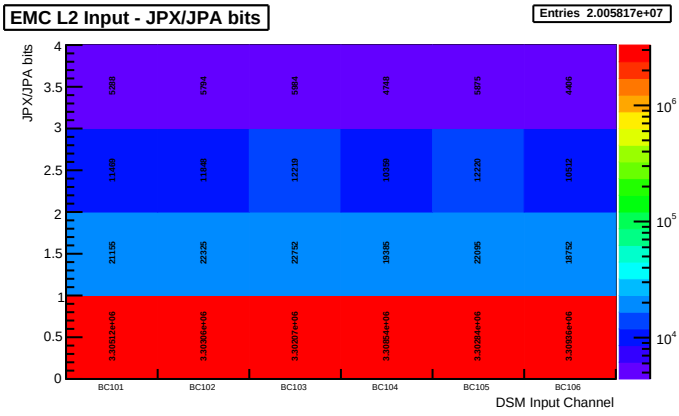

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

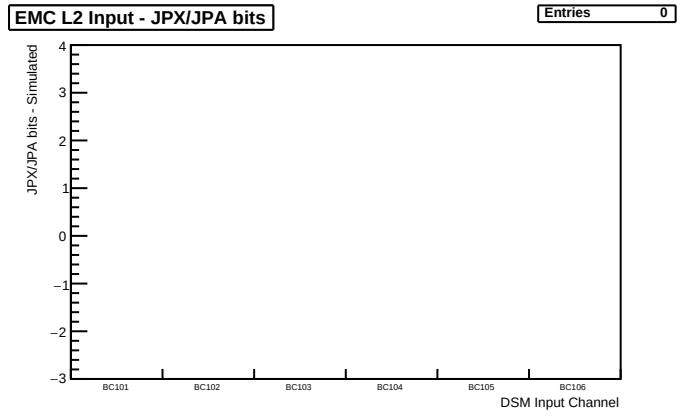

Endcap EMC L1 Input - HT-th1
Entries 4.011634e+07
HT-th1
EE101
EE102
1
0
1985
449
495
2097
2085
658
615
2055
1990
304
657
2148
3.34104e+06
3.32259e+06
3.34253e+06
3.34093e+06
3.34094e+06
3.32237e+06
3.34241e+06
3.34097e+06
3.34104e+06
3.34264e+06
3.34237e+06
3.34088e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

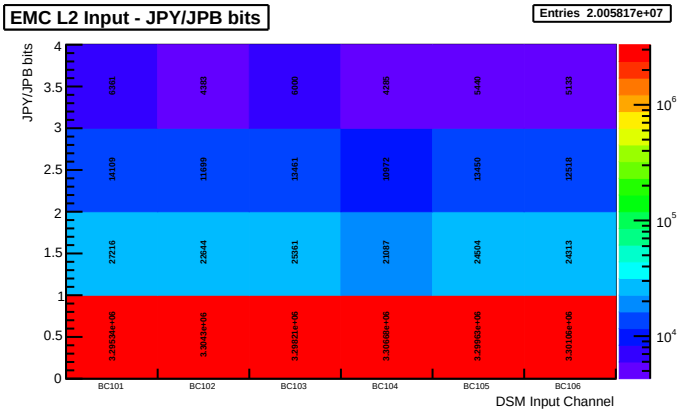

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

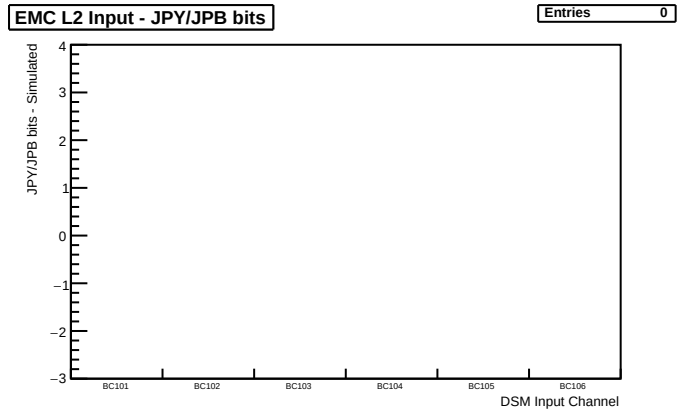

Endcap EMC L1 Input - HT.TP
Entries 4.011634e+07
HT.TP
1
0
56077
11775
12828
54193
57673
14804
14475
53682
54917
9494
11996
58725
3.28695e+06
3.33125e+06
3.33002e+06
3.28884e+06
3.28536e+06
3.32822e+06
3.32855e+06
3.28935e+06
3.29811e+06
3.33353e+06
3.33103e+06
3.2843e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

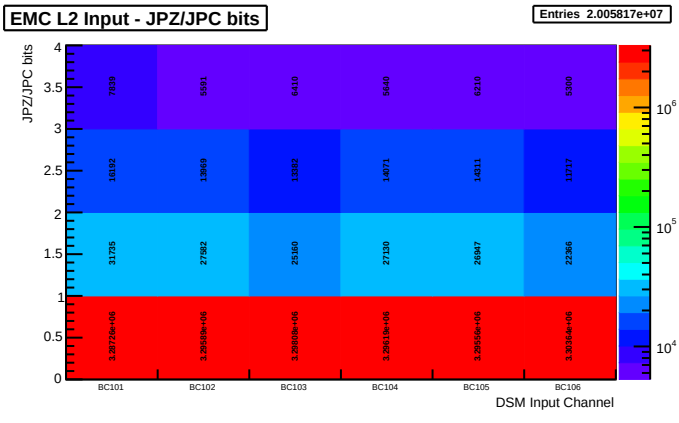

Endcap EMC L1 Input - HT.TP Diff
Entries 34
HT.TP Diff
1
0
-1
34
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

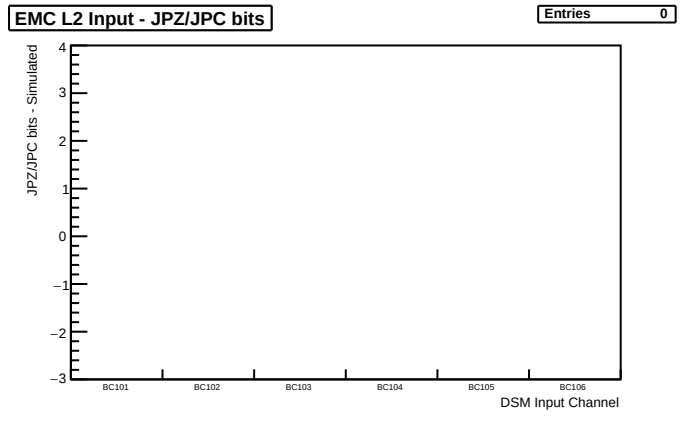

EMC L2 Input - JPX/JPA bits
Entries 2.005817e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

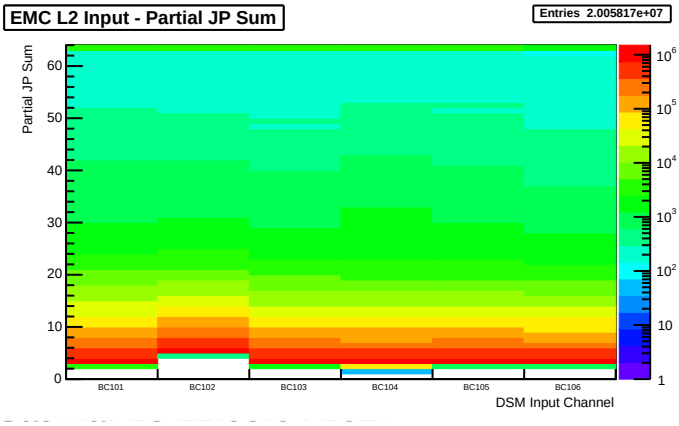

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

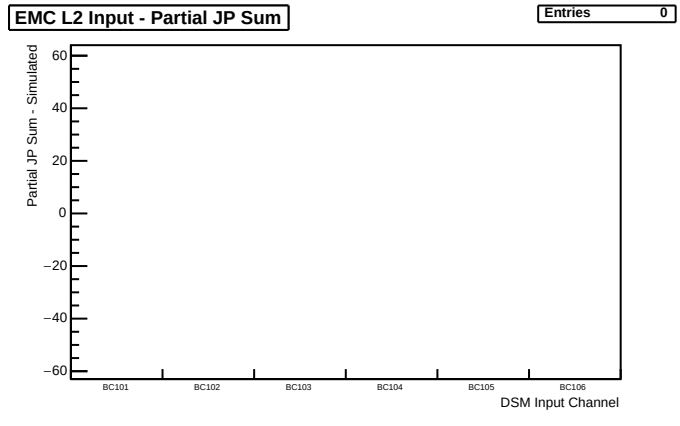

EMC L2 Input - JPY/JPB bits
Entries 2.005817e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

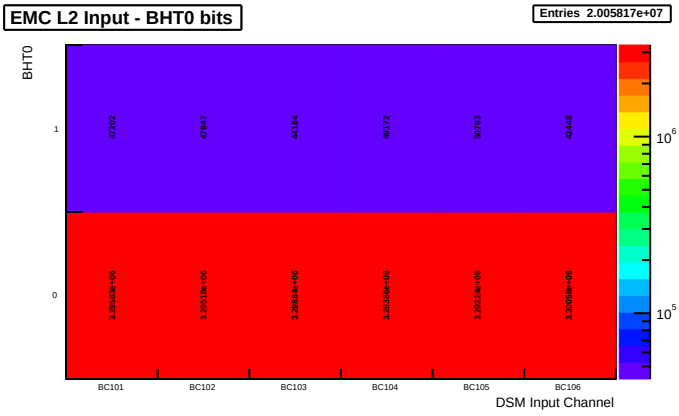

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

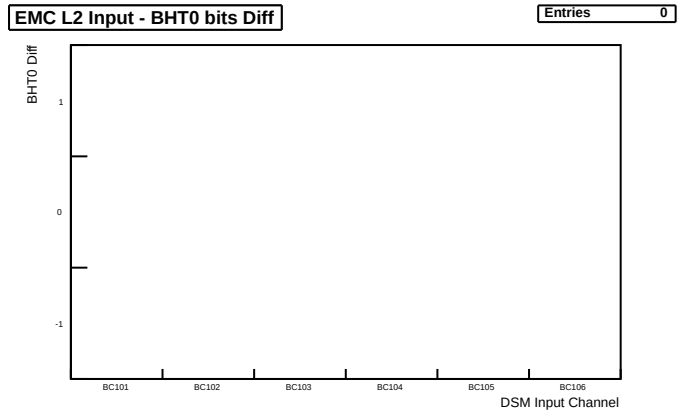

EMC L2 Input - JPZ/JPC bits
Entries 2.005817e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

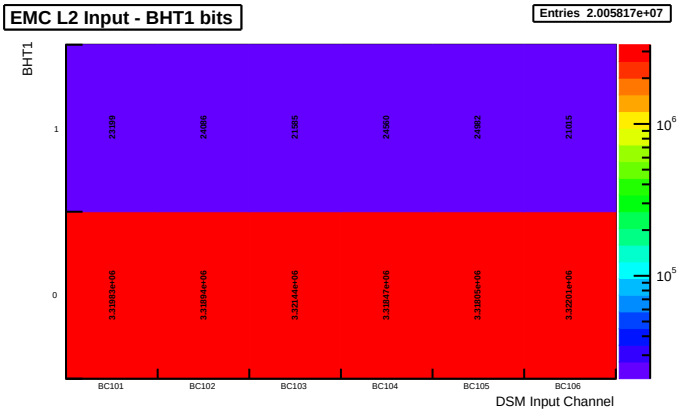

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

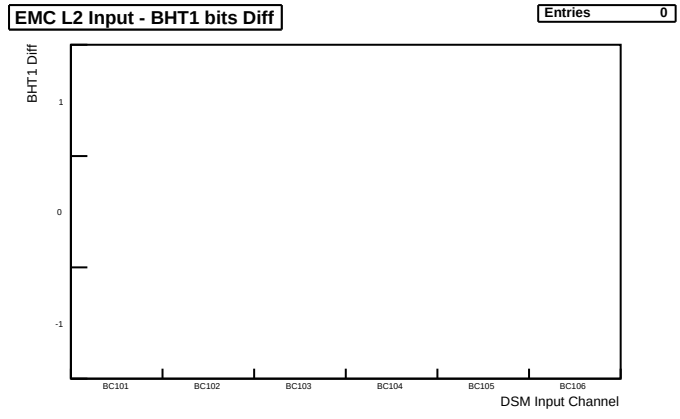

EMC L2 Input - Partial JP Sum
Entries 2.005817e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

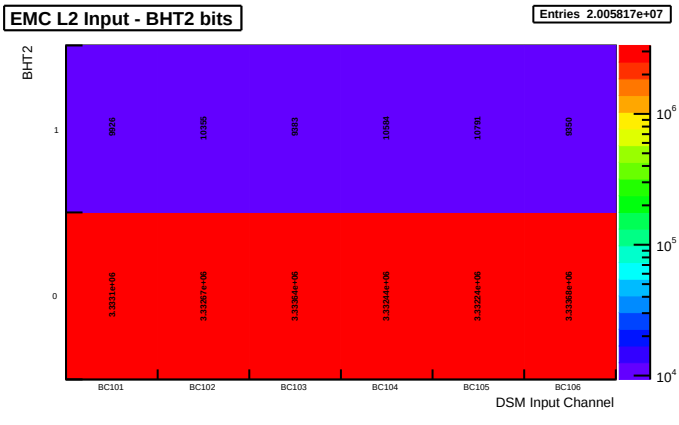

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

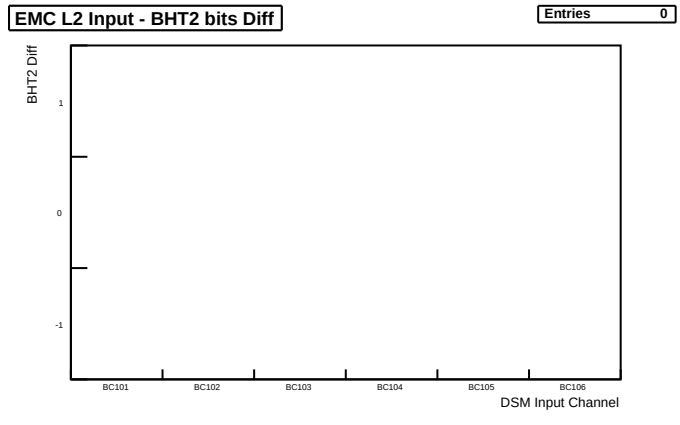

EMC L2 Input - BHT0 bits
Entries 2.005817e+07
BHT0
1
0
47202
47847
48184
49172
50753
52448
3.29583e+06
3.29519e+06
3.29884e+06
3.29386e+06
3.29224e+06
3.30059e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

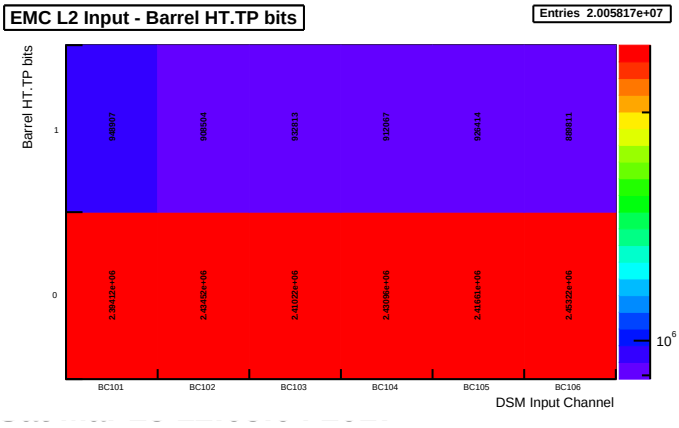

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

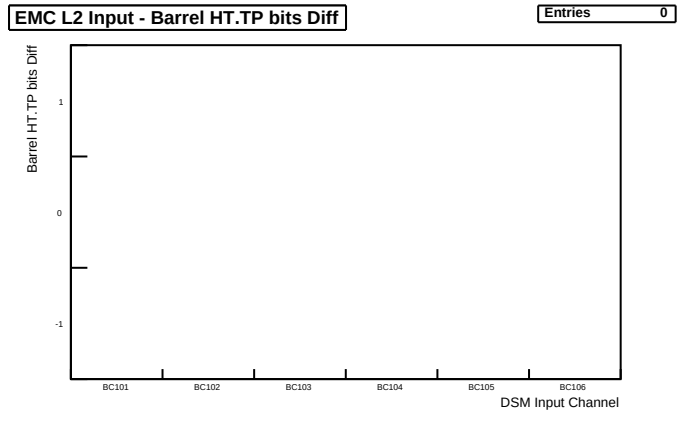

EMC L2 Input - BHT1 bits
Entries 2.005817e+07
BHT1
1
0
2399
2486
2585
2560
2482
2015
3.31983e+06
3.31894e+06
3.32144e+06
3.31947e+06
3.31905e+06
3.32201e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

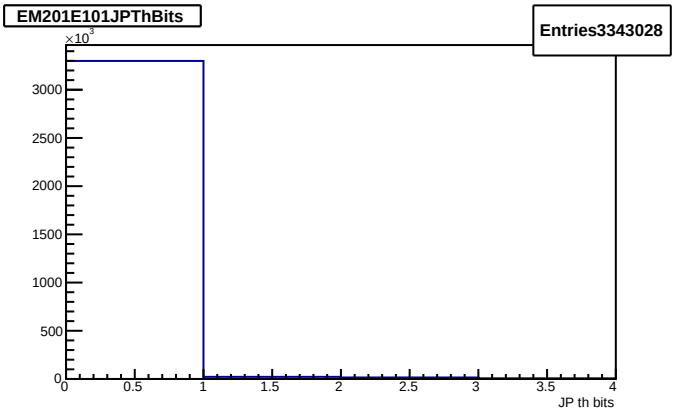

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

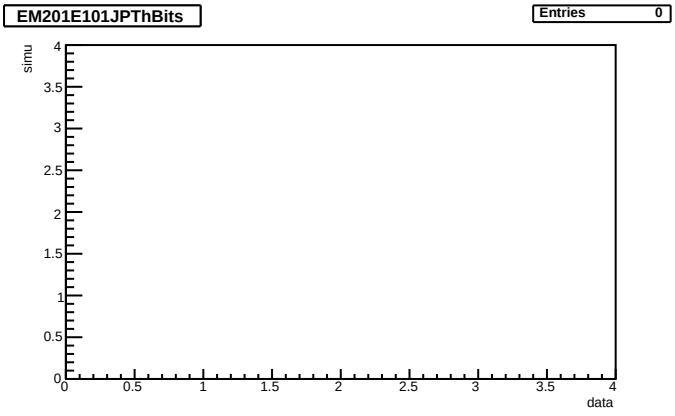

EMC L2 Input - BHT2 bits
Entries 2.005817e+07
BHT2
1
0
9926
10355
9933
10534
10791
9550
3.3331e+06
3.33287e+06
3.33364e+06
3.33244e+06
3.33224e+06
3.33368e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

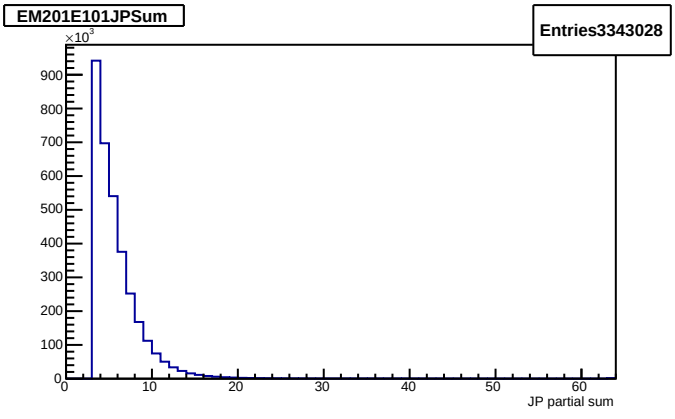

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

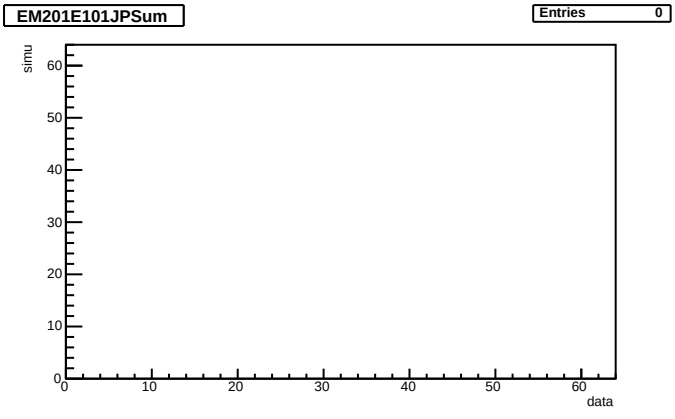

EMC L2 Input - Barrel HT.TP bits
Entries 2.005817e+07
Barrel HT.TP bits
1
0
948607
909504
932813
912067
926414
889811
2.38412e+06
2.43452e+06
2.41022e+06
2.43096e+06
2.41601e+06
2.45322e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

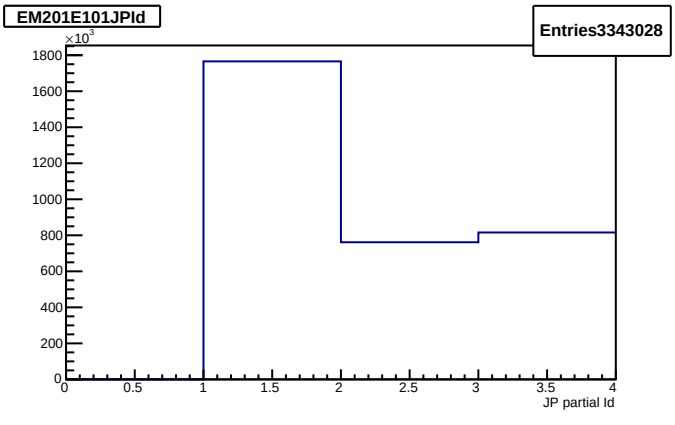

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

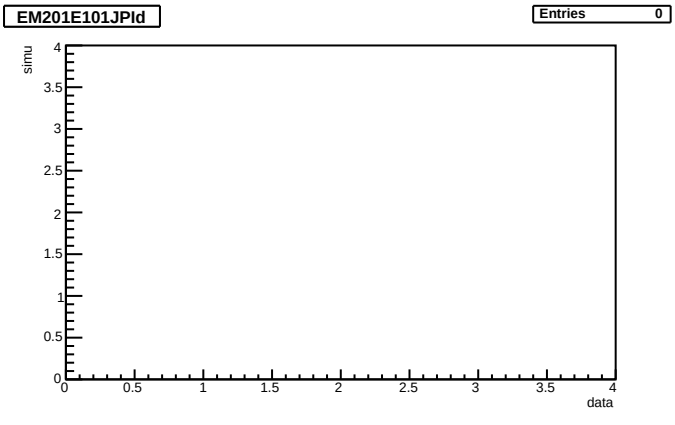

EM201E101JPThBits
Entries3343028
×10^3
JP th bits

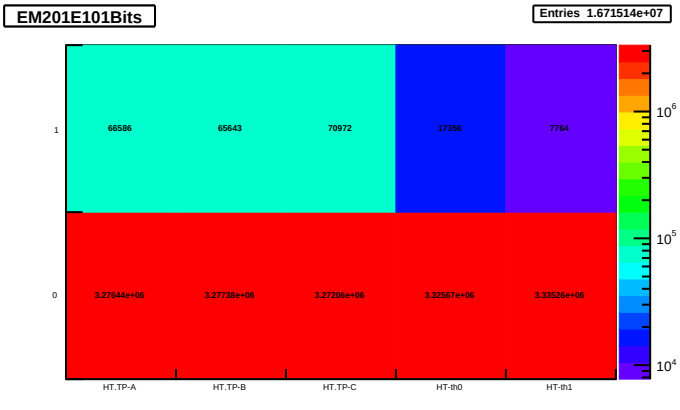

EM201E101JPThBits
Entries 0
simu
data

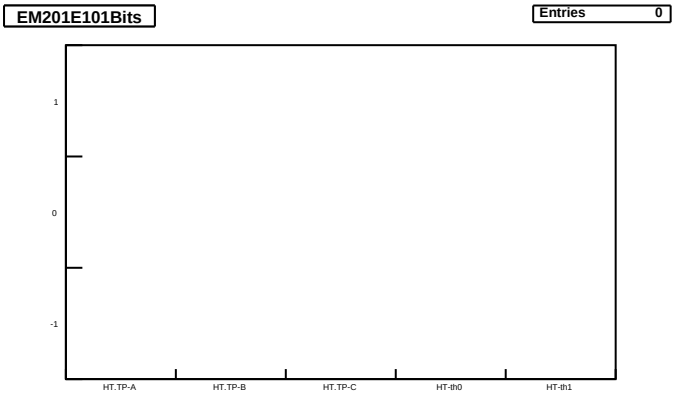

EM201E101JPSum
Entries3343028
×10^3
JP partial sum

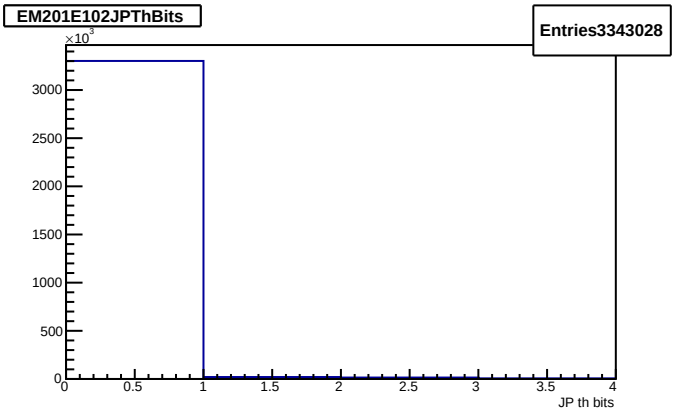

EM201E101JPSum
Entries 0
simu
data

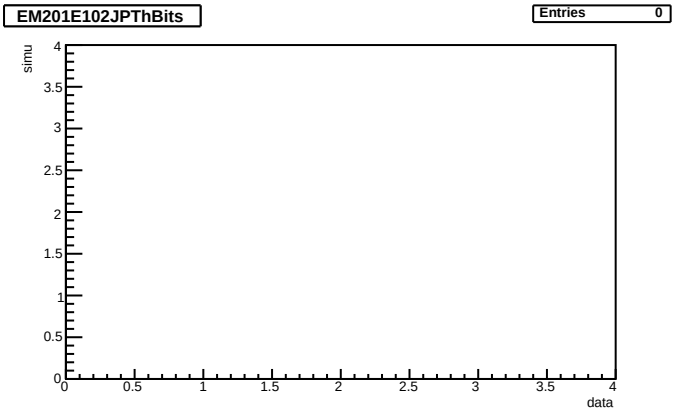

EM201E101JPId
Entries3343028
×10^3
JP partial Id

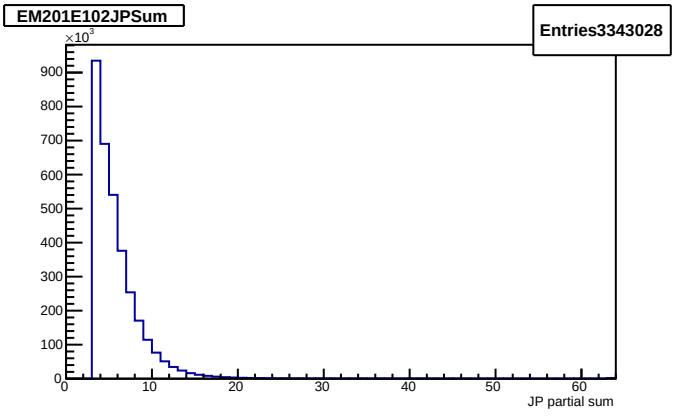

EM201E101JPId
Entries 0
simu
data

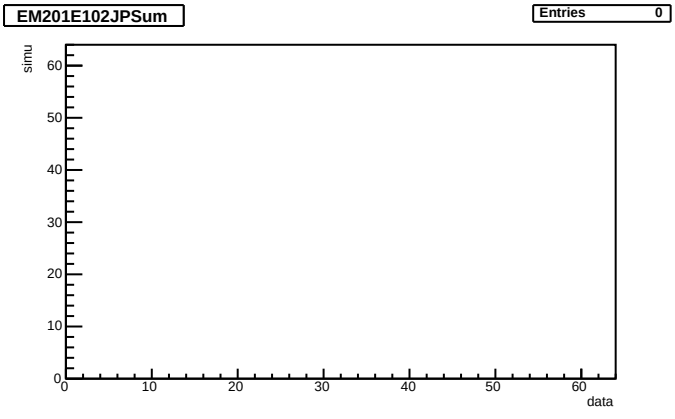

EM201E101Bits
Entries 1.671514e+07
66586
65643
70972
17356
7764
3.27644e+06
3.27738e+06
3.27206e+06
3.32567e+06
3.33526e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

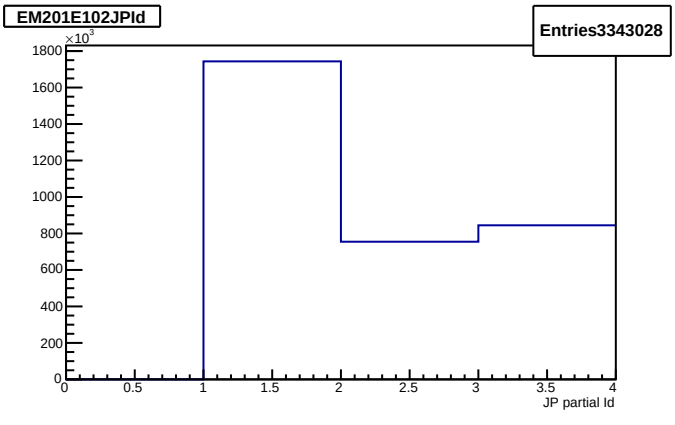

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

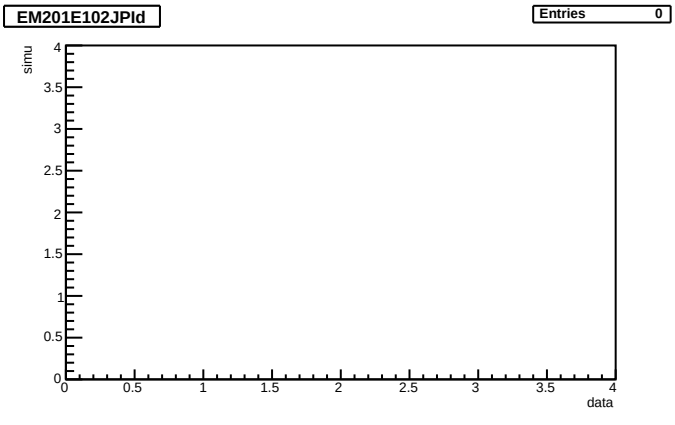

EM201E102JPThBits
Entries3343028
×10^3
JP th bits

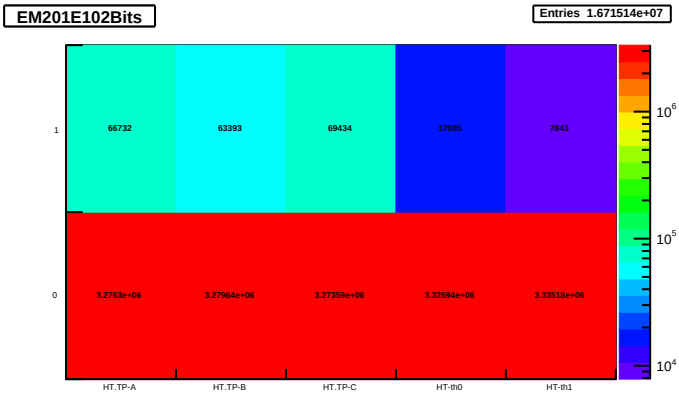

EM201E102JPThBits
Entries 0
simu
data

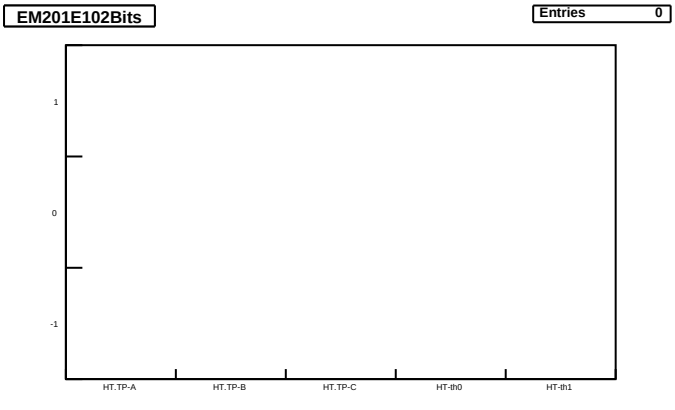

EM201E102JPSum
Entries3343028
×10^3
JP partial sum

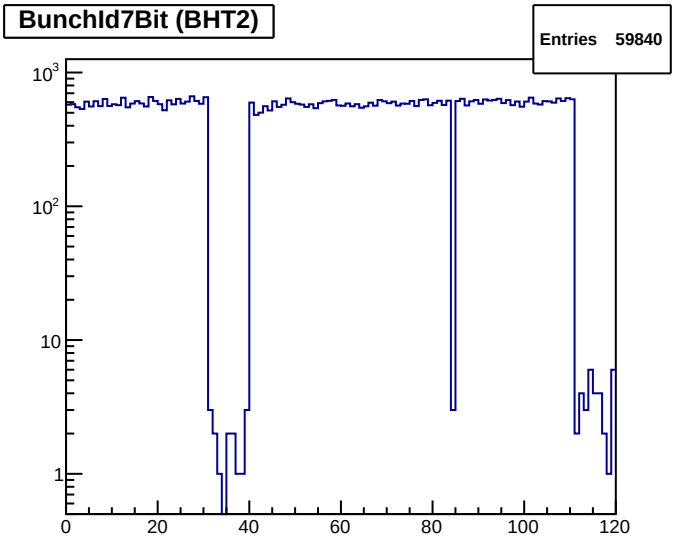

EM201E102JPSum
Entries 0
simu
data

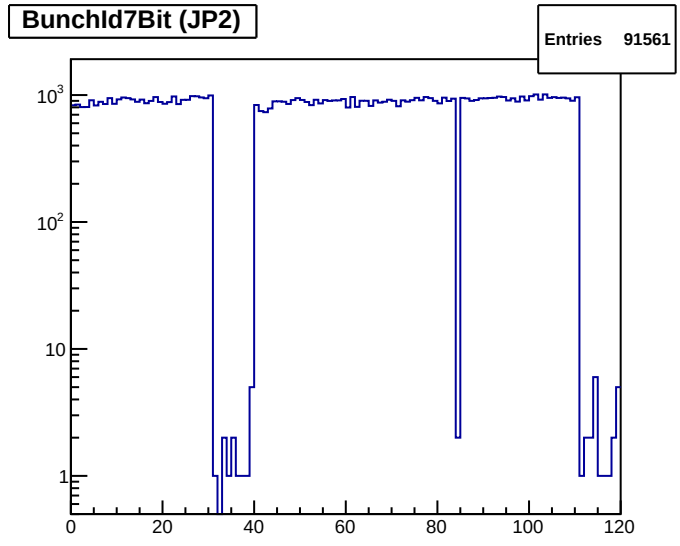

EM201E102JPId
Entries3343028
×10^3
JP partial Id

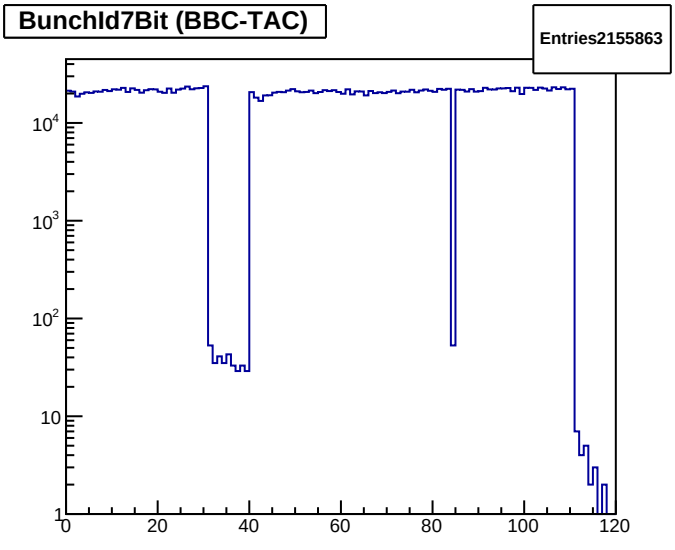

EM201E102JPId
Entries 0
simu
data

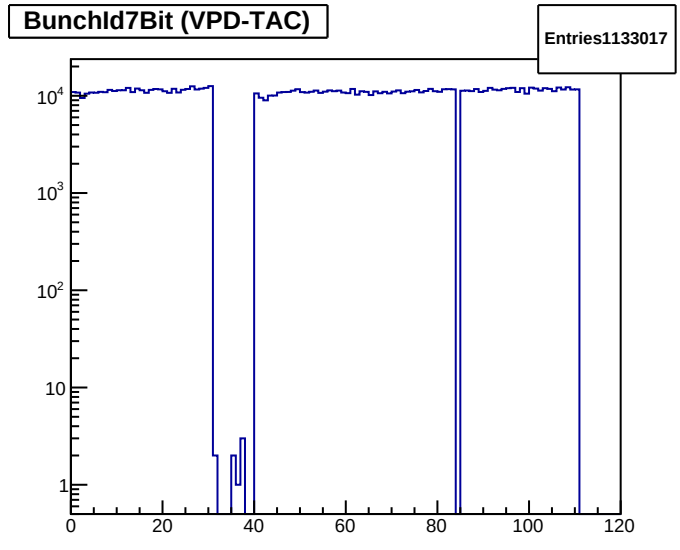

EM201E102Bits
Entries 1.671514e+07
66732
63393
69434
17085
7843
3.2763e+06
3.27964e+06
3.27359e+06
3.32594e+06
3.33518e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

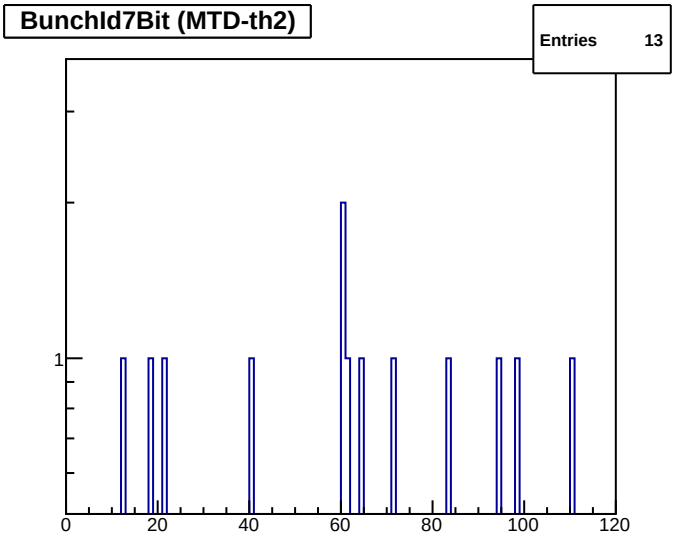

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

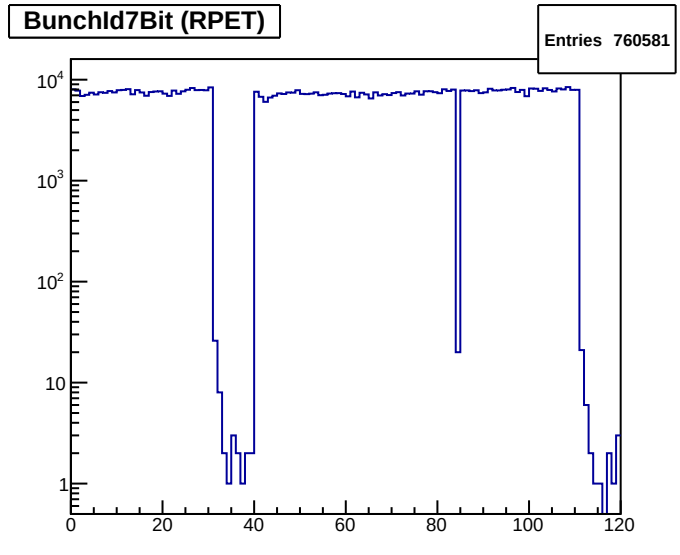

BunchId7Bit (BHT2)
Entries 59840

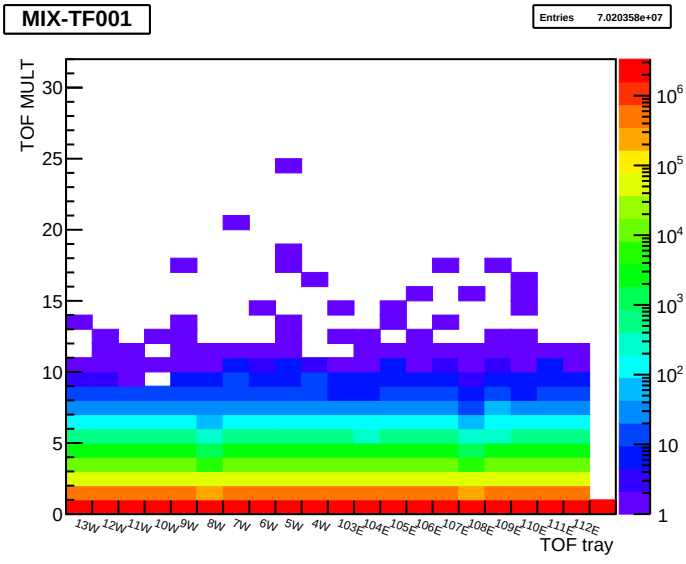

BunchId7Bit (JP2)
Entries 91561

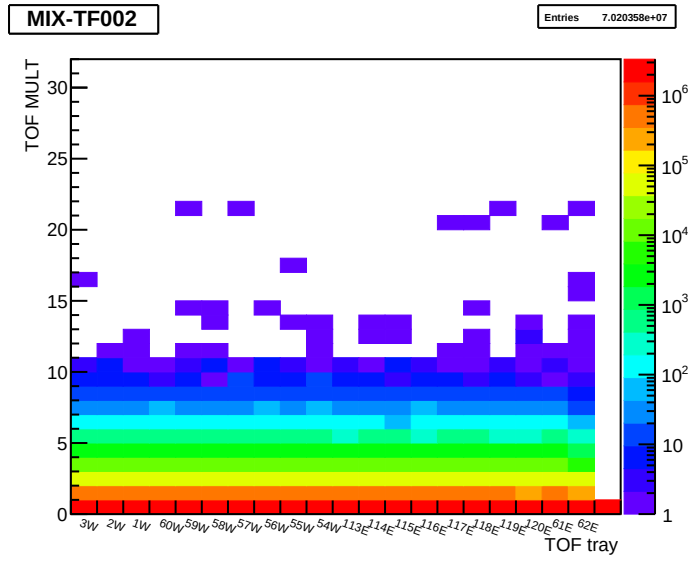

BunchId7Bit (BBC-TAC)
Entries2155863

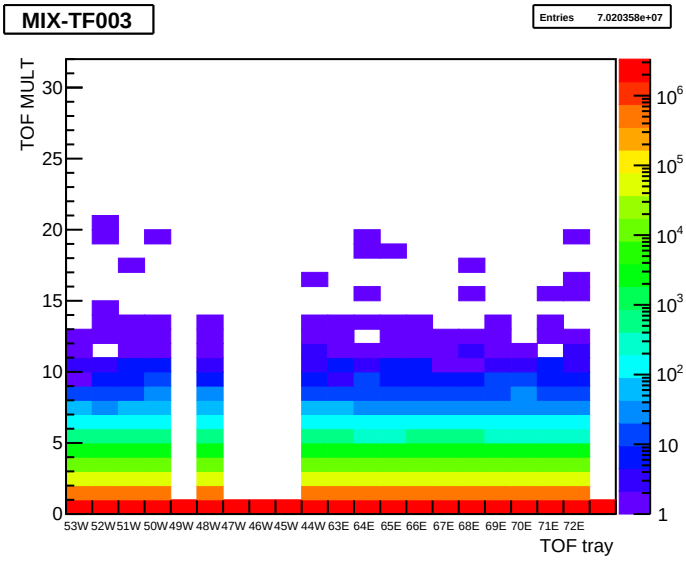

BunchId7Bit (VPD-TAC)
Entries1133017

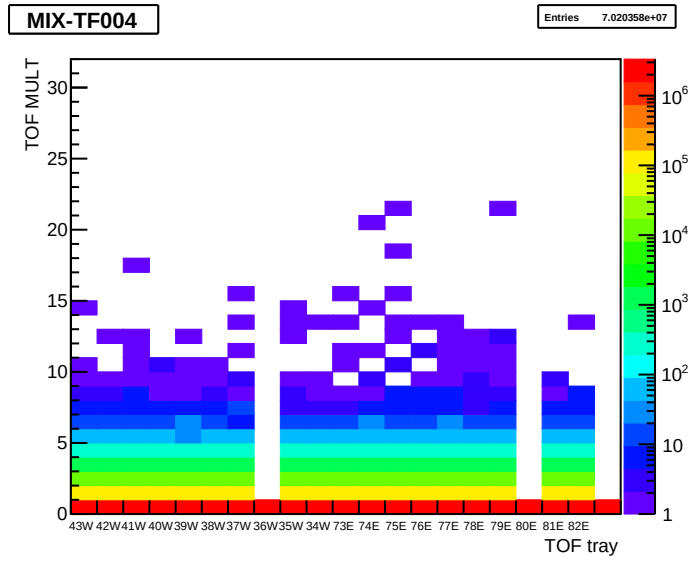

BunchId7Bit (MTD-th2)
Entries 13

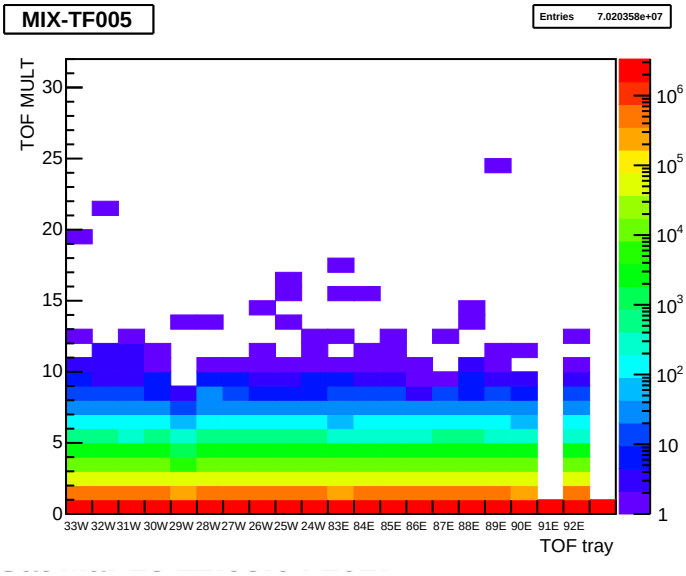

BunchId7Bit (RPET)
Entries 760581

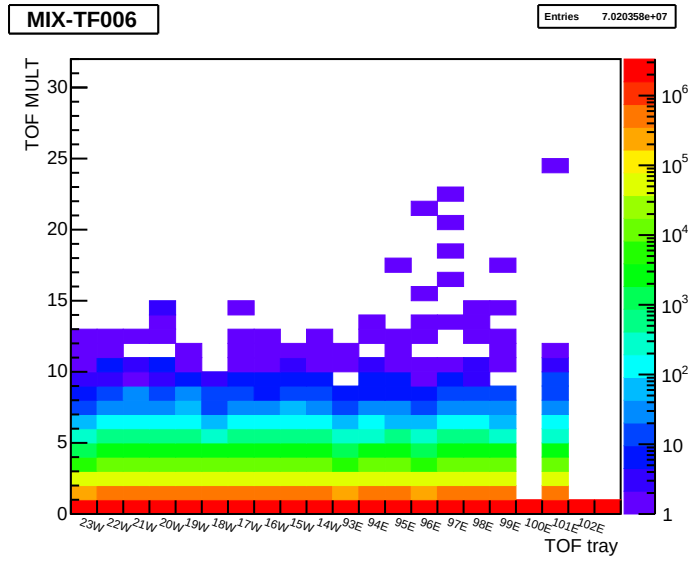

MIX-TF001
Entries 7.020358e+07
TOF MULT
TOF tray

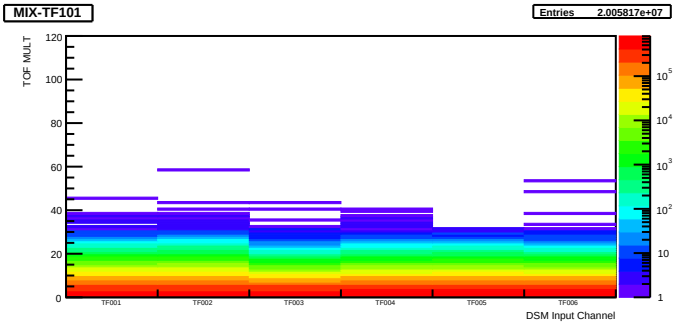

MIX-TF002
Entries 7.020358e+07
TOF MULT
TOF tray

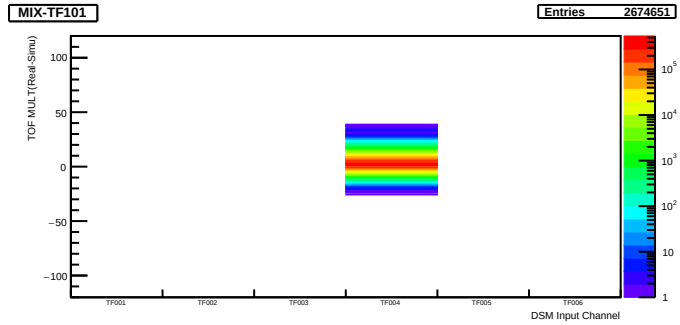

MIX-TF003
Entries 7.020358e+07
TOF MULT
TOF tray

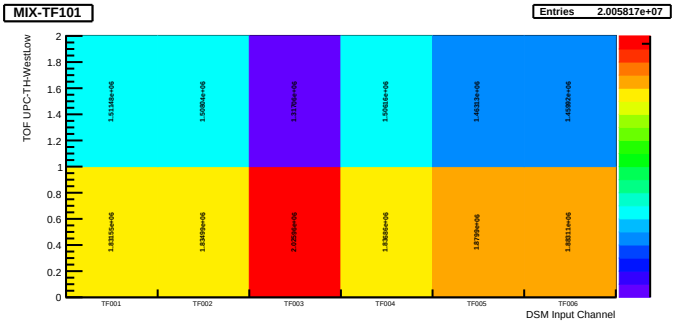

MIX-TF004
Entries 7.020358e+07
TOF MULT
TOF tray

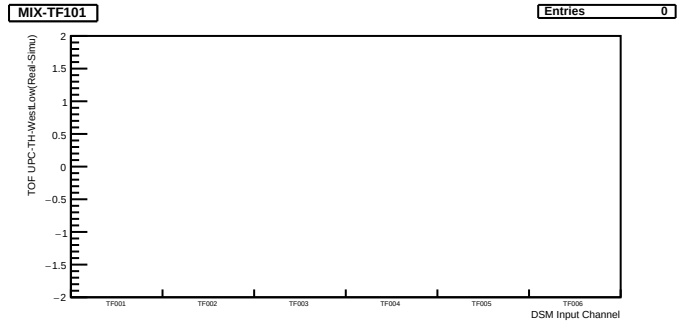

MIX-TF005
Entries 7.020358e+07
TOF MULT
TOF tray

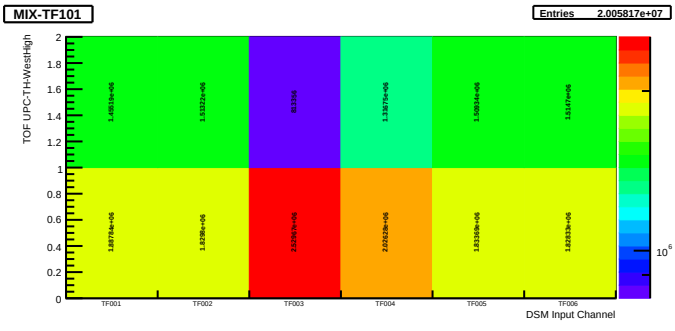

MIX-TF006
Entries 7.020358e+07
TOF MULT
TOF tray

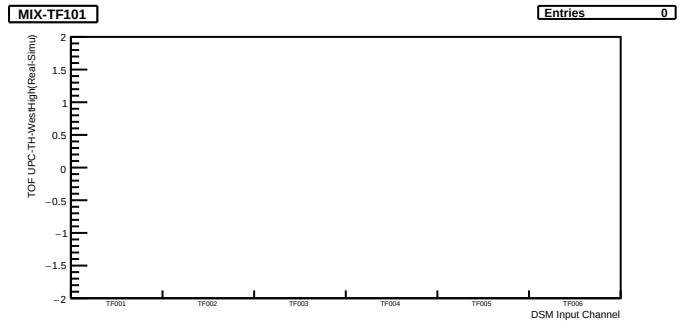

MIX-TF101
Entries 2.005817e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

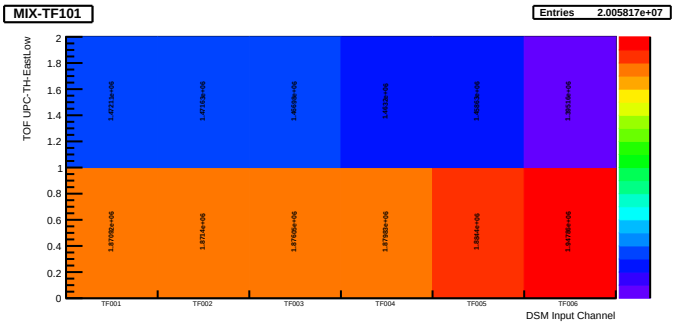

MIX-TF101
Entries 2674651
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

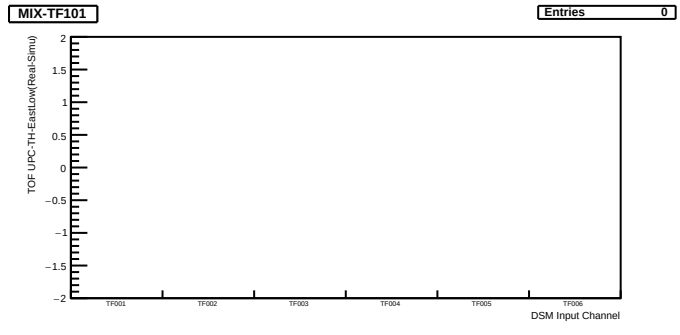

MIX-TF101
Entries 2.005817e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

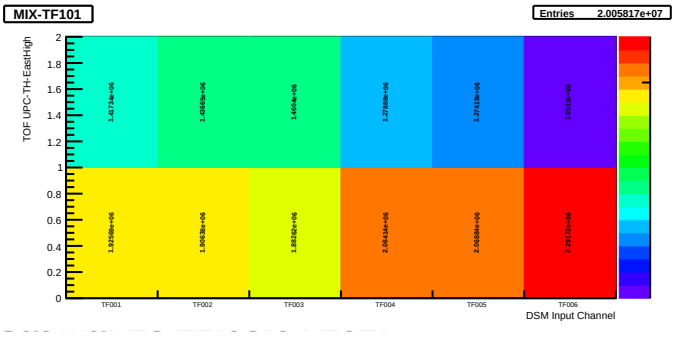

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

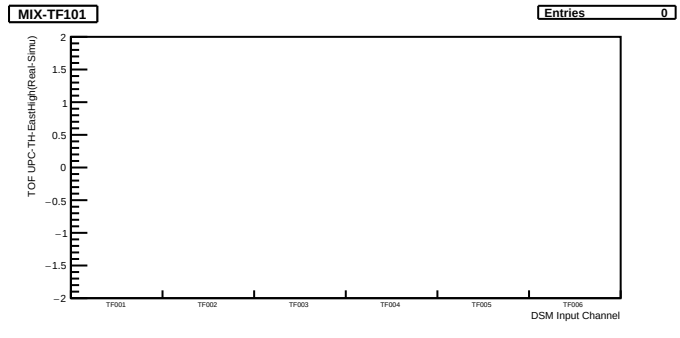

MIX-TF101
Entries 2.005817e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

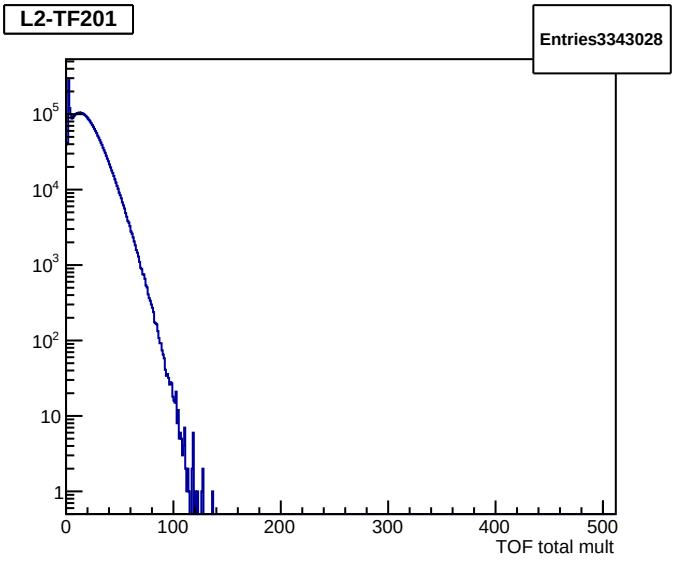

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

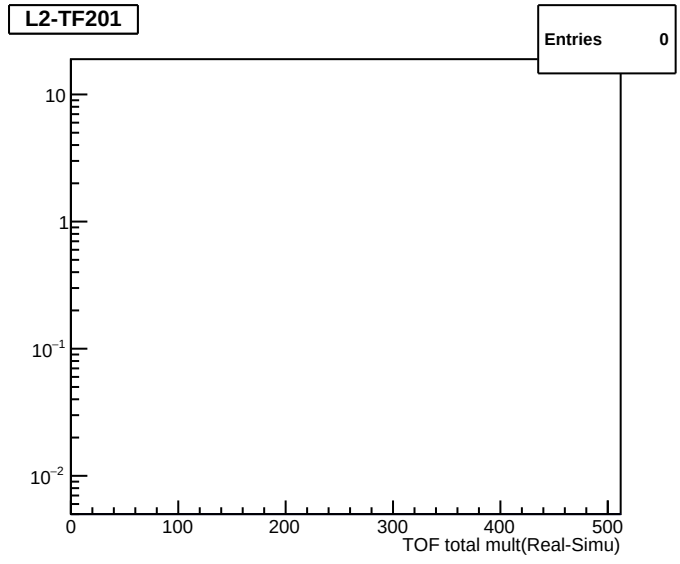

MIX-TF101
Entries 2.005817e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

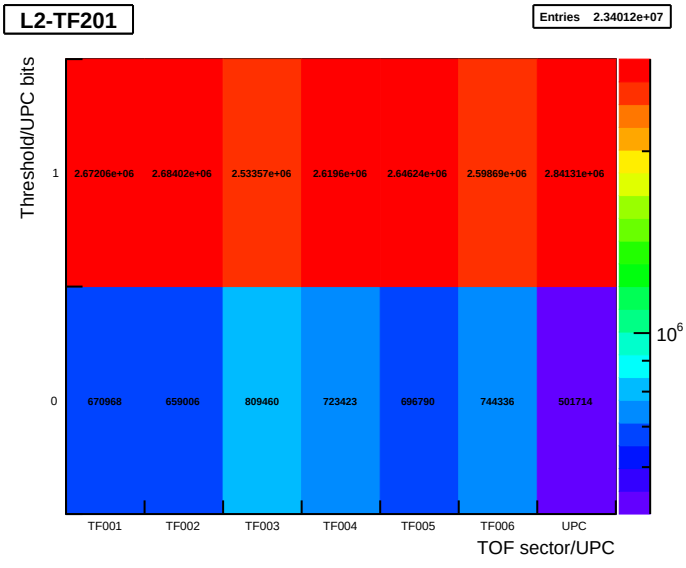

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

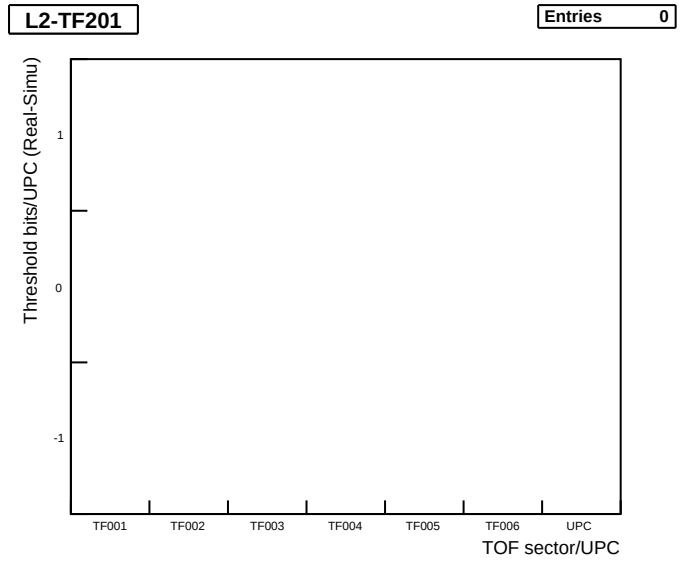

MIX-TF101
Entries 2.005817e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

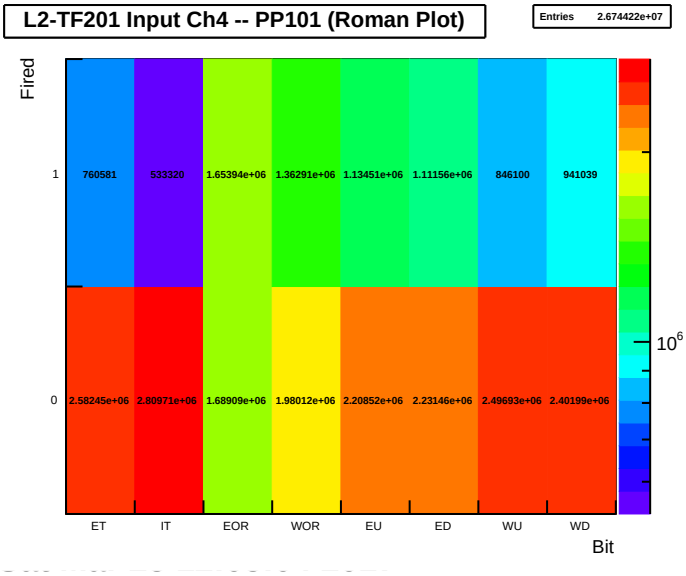

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

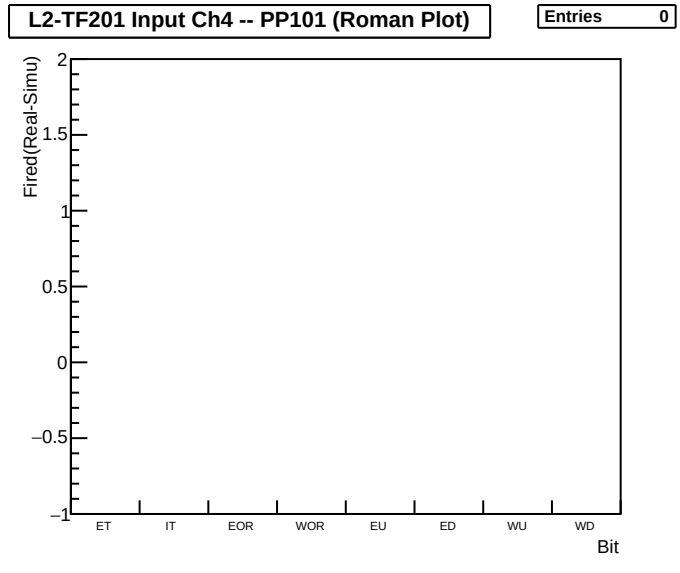

L2-TF201
Entries3343028
TOF total mult

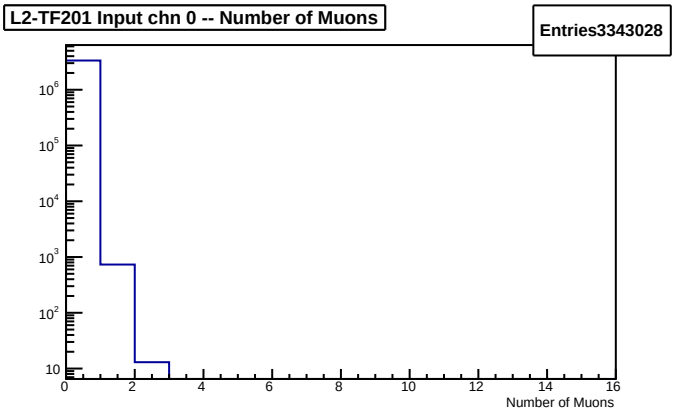

L2-TF201
Entries 0
TOF total mult(Real-Simu)

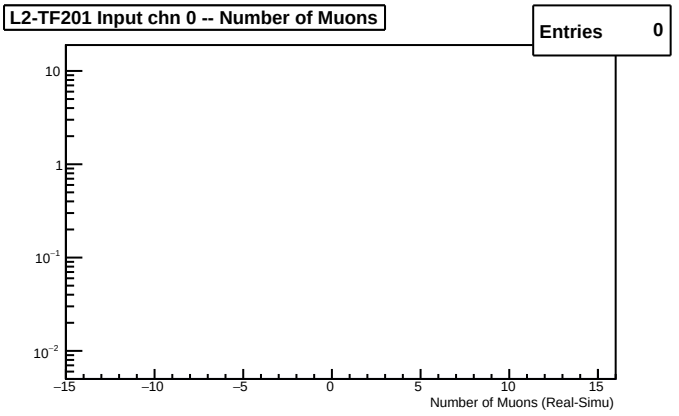

L2-TF201
Entries 2.34012e+07
Threshold/UPC bits
2.67206e+06
2.68402e+06
2.53357e+06
2.6196e+06
2.64624e+06
2.59869e+06
2.84131e+06
670968
659006
809460
723423
696790
744336
501714
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

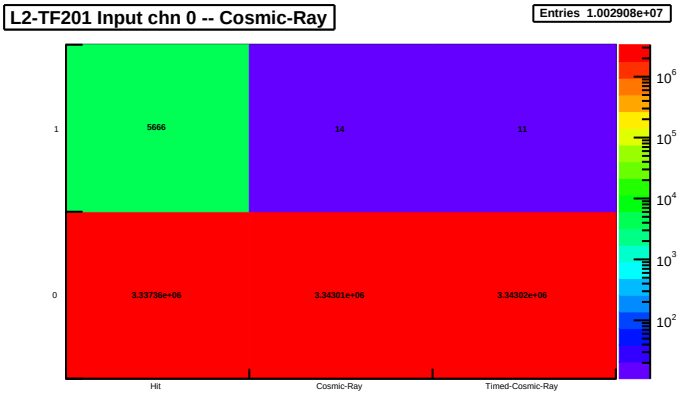

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

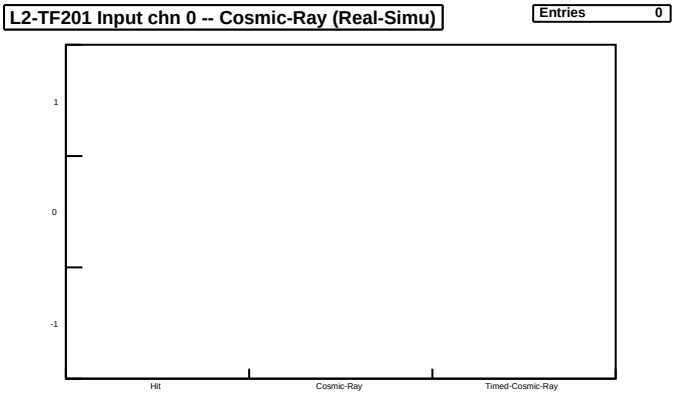

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.674422e+07
Fired
760581
533320
1.65394e+06
1.36291e+06
1.13451e+06
1.11156e+06
846100
941039
2.58245e+06
2.80971e+06
1.68909e+06
1.98012e+06
2.20852e+06
2.23146e+06
2.49693e+06
2.40199e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

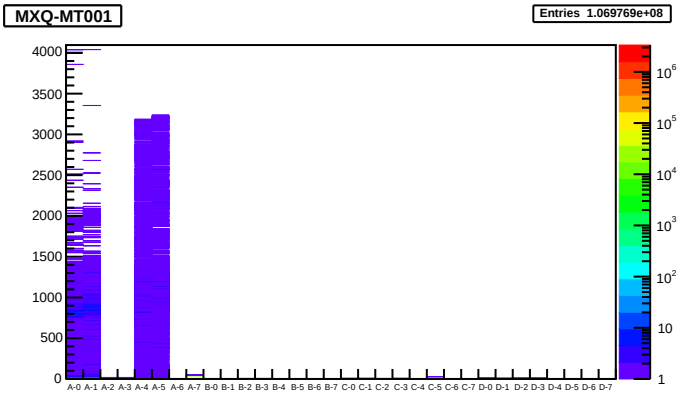

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

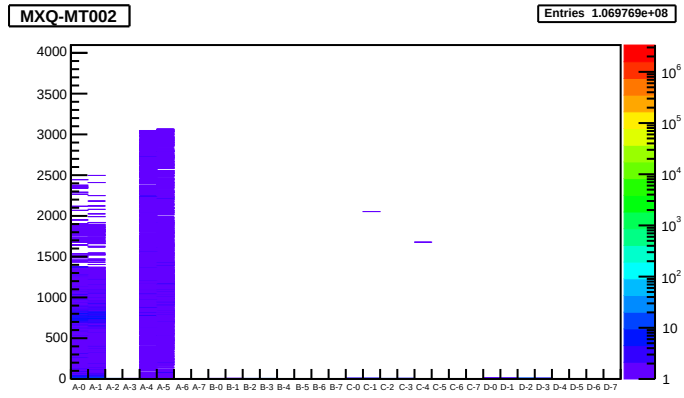

L2-TF201 Input chn 0 -- Number of Muons
Entries3343028
Number of Muons

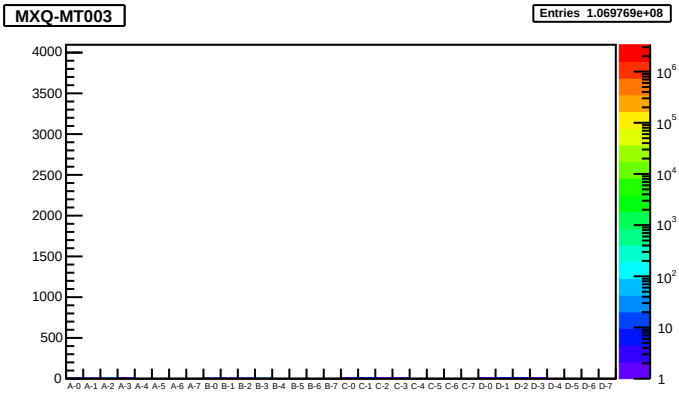

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

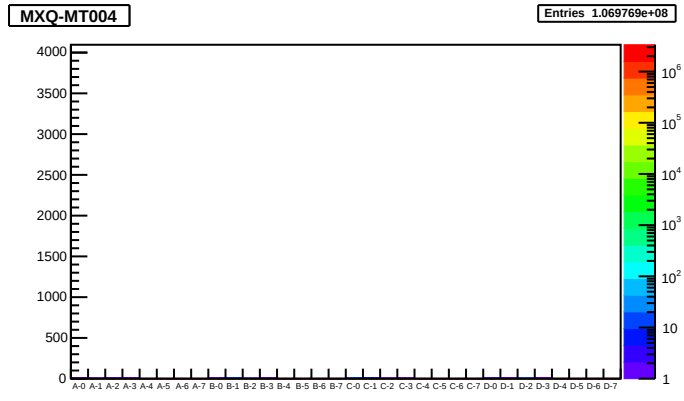

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.002908e+07
5666
14
11
3.33736e+06
3.34301e+06
3.34302e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

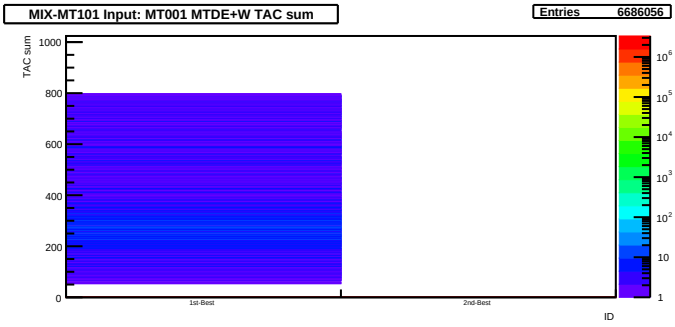

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

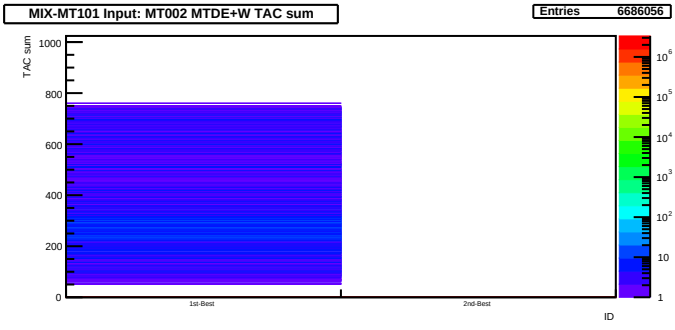

MXQ-MT001
Entries 1.069769e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

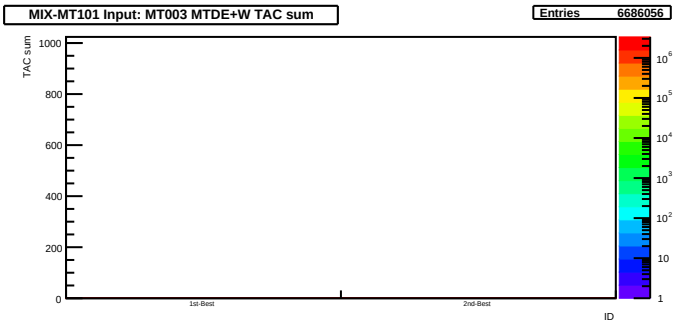

MXQ-MT002
Entries 1.069769e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

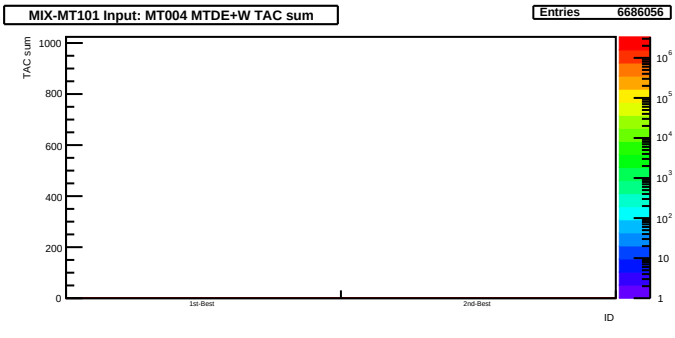

MXQ-MT003
Entries 1.069769e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

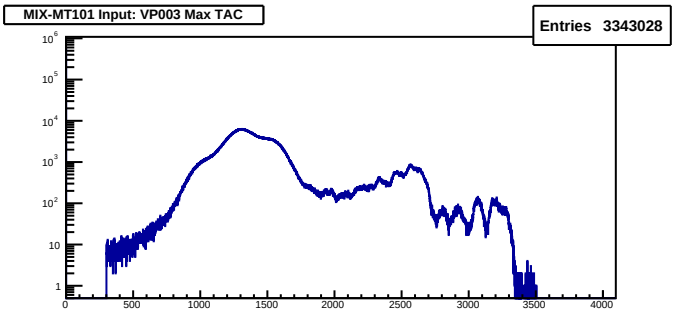

MXQ-MT004
Entries 1.069769e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

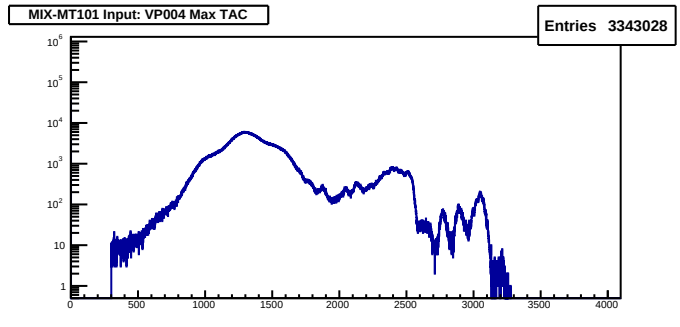

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6686056
TAC sum
1st-Best
2nd-Best
ID

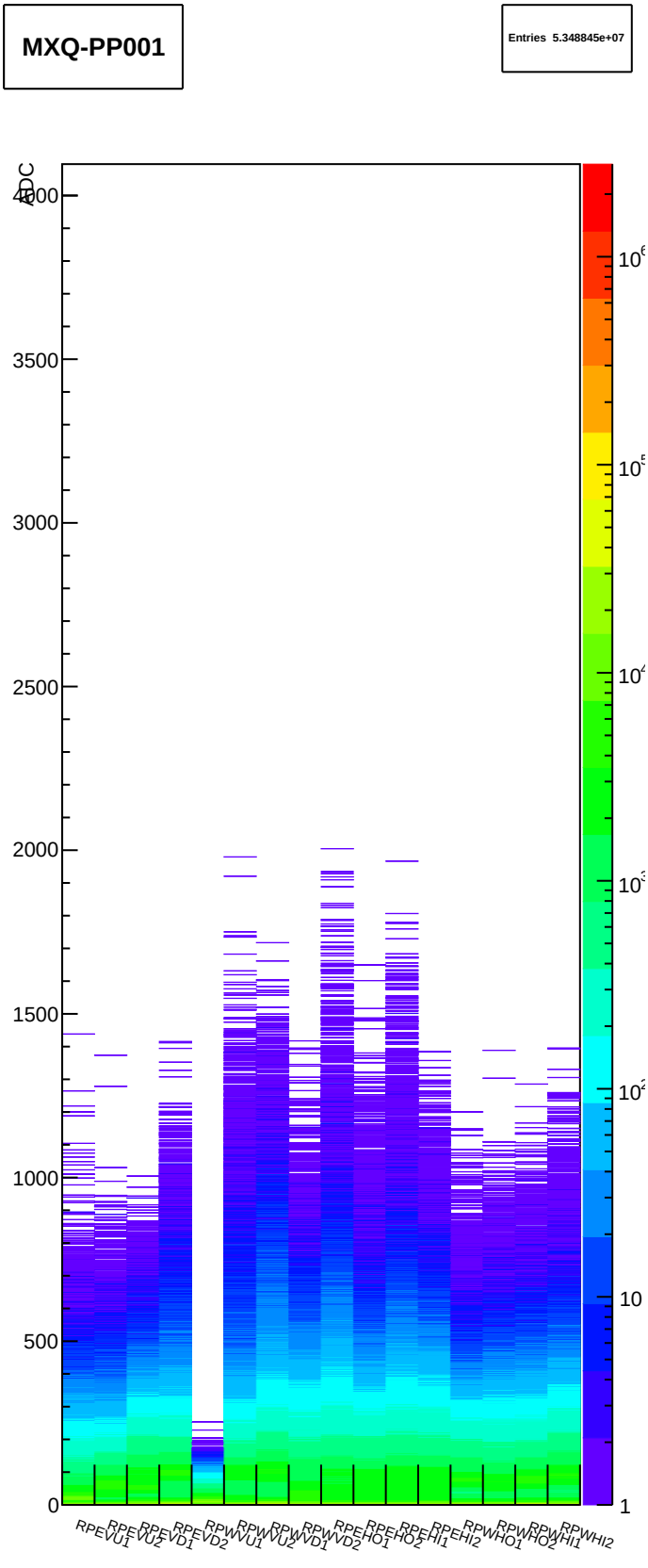

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6686056
TAC sum
1st-Best
2nd-Best
ID

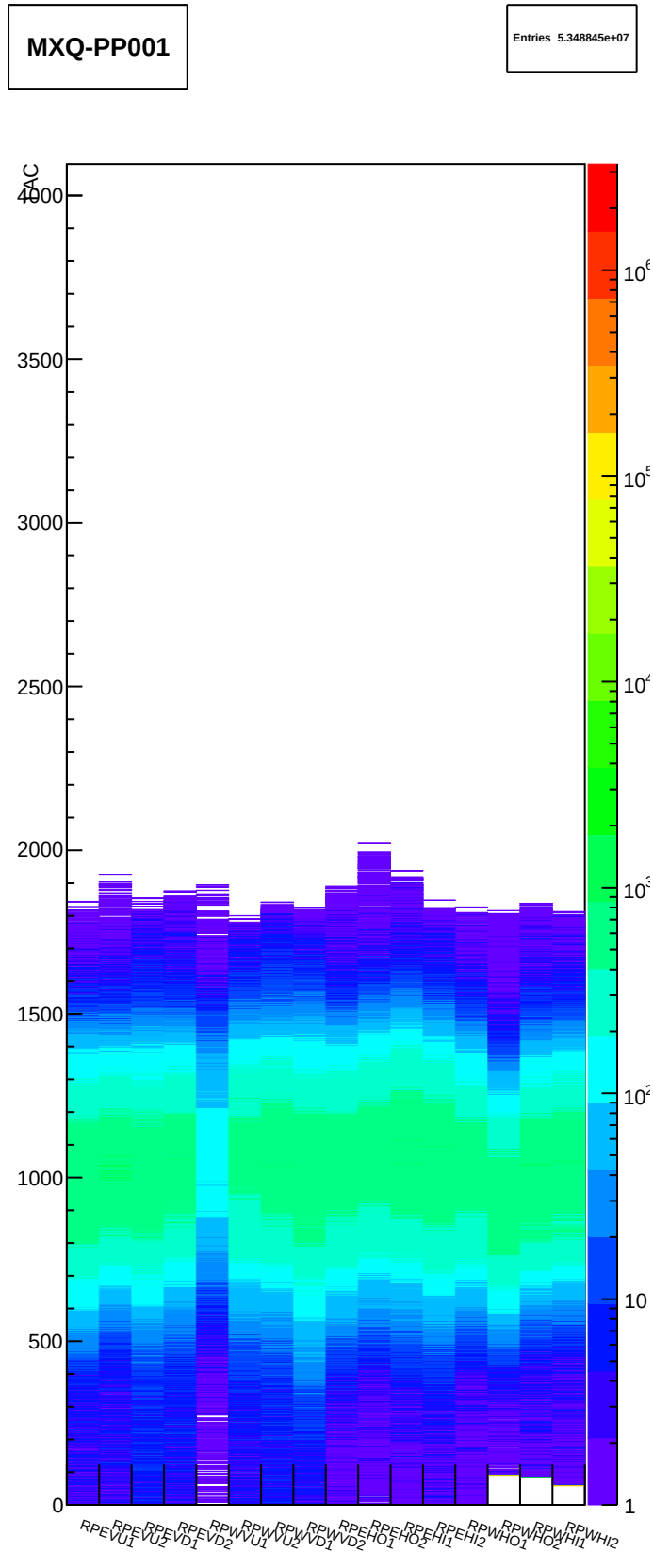

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6686056
TAC sum
1st-Best
2nd-Best
ID

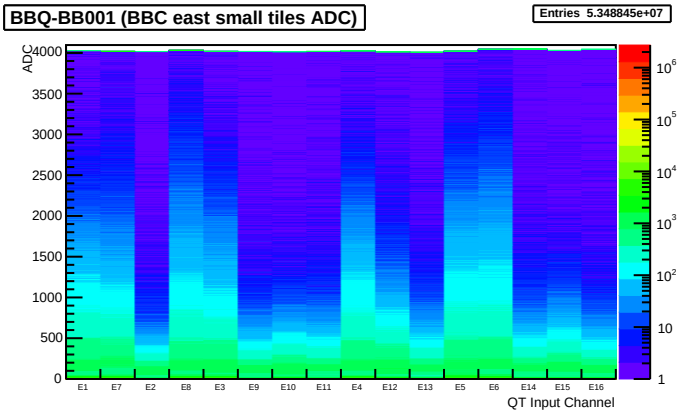

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6686056
TAC sum
1st-Best
2nd-Best
ID

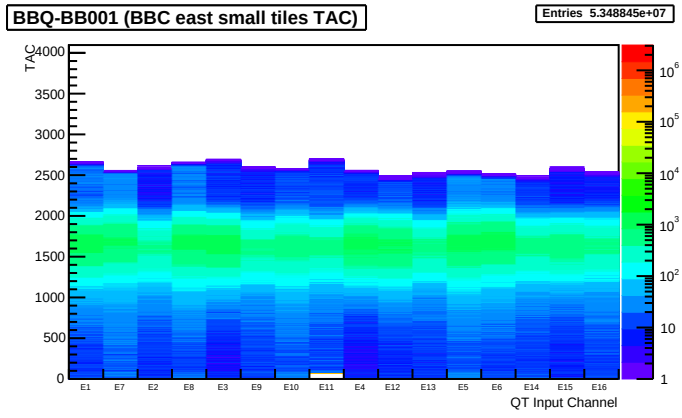

MIX-MT101 Input: VP003 Max TAC
Entries 3343028

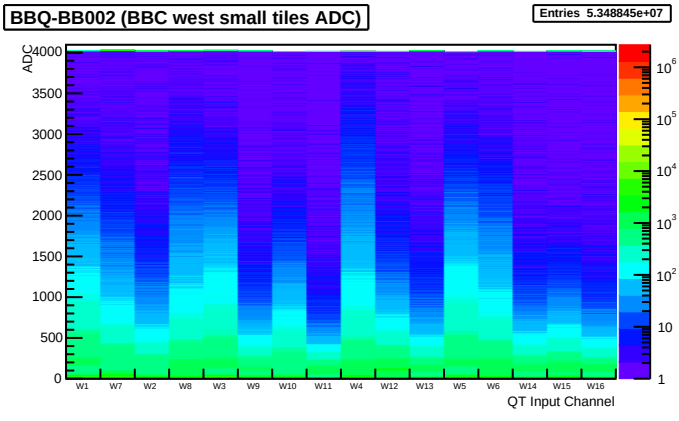

MIX-MT101 Input: VP004 Max TAC
Entries 3343028

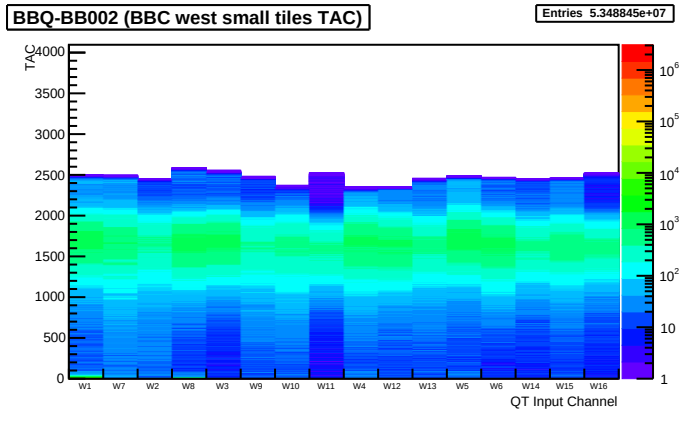

MXQ-PP001
Entries 5.348845e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

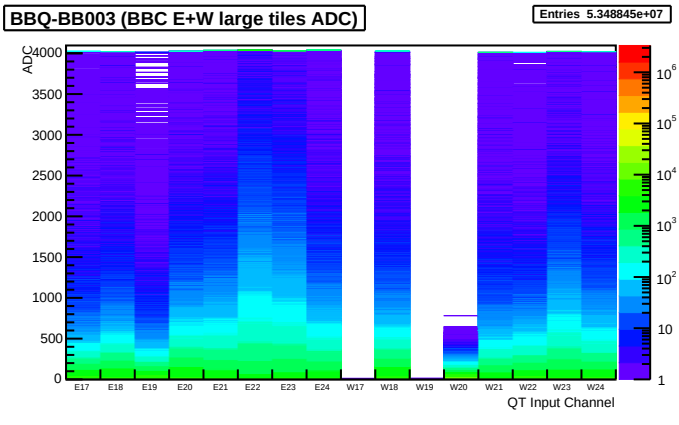

MXQ-PP001
Entries 5.348845e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

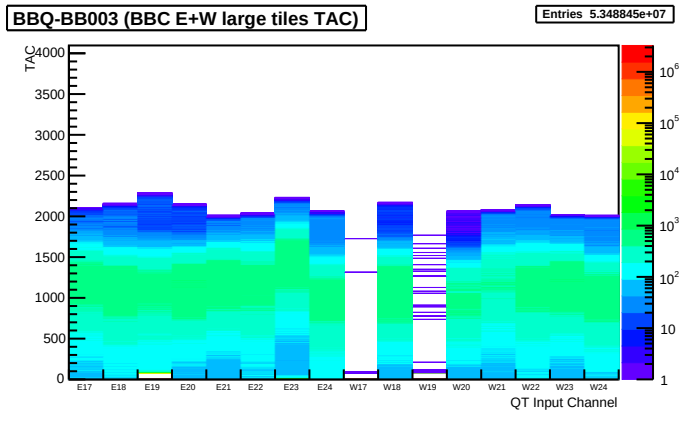

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.348845e+07
ADC
QT Input Channel

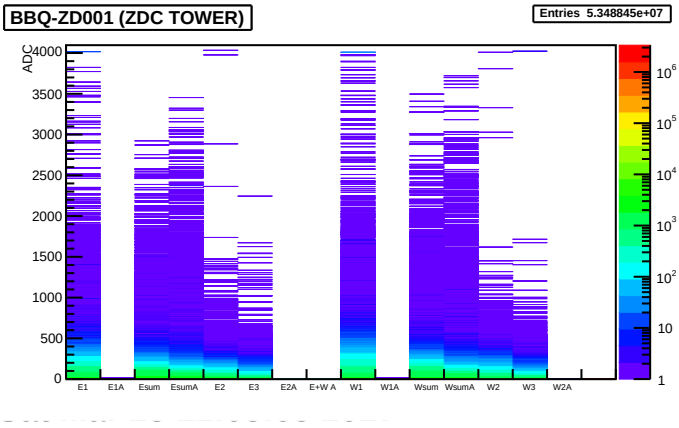

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.348845e+07
TAC
QT Input Channel

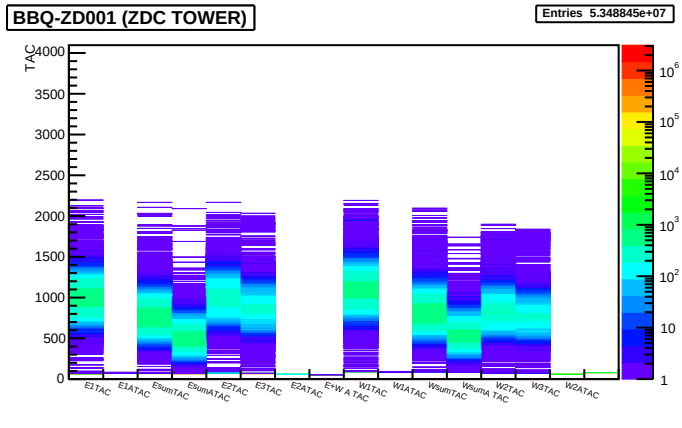

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.348845e+07
ADC
QT Input Channel

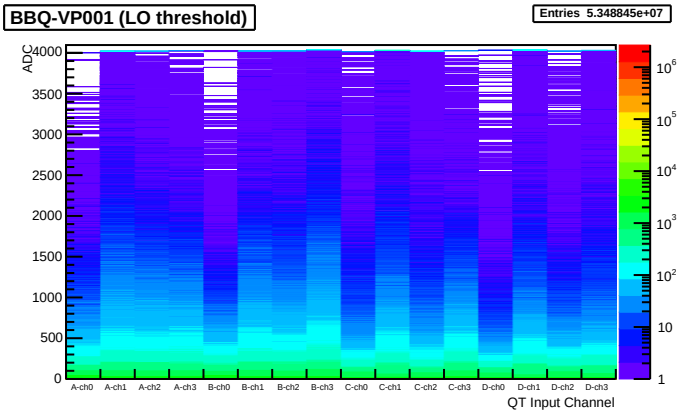

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.348845e+07
TAC
QT Input Channel

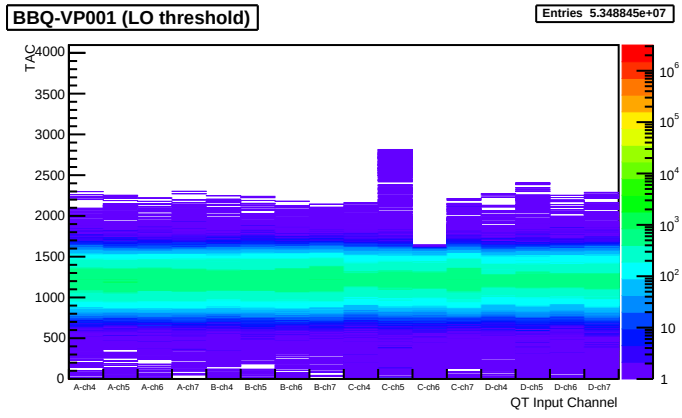

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.348845e+07
ADC
QT Input Channel

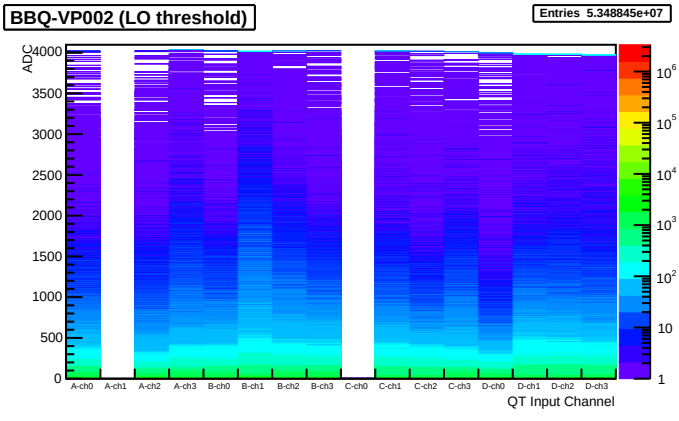

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.348845e+07
TAC
QT Input Channel

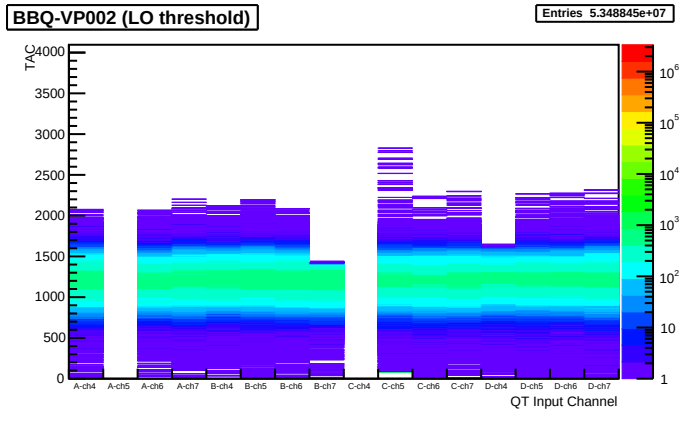

BBQ-ZD001 (ZDC TOWER)
Entries 5.348845e+07
ADC

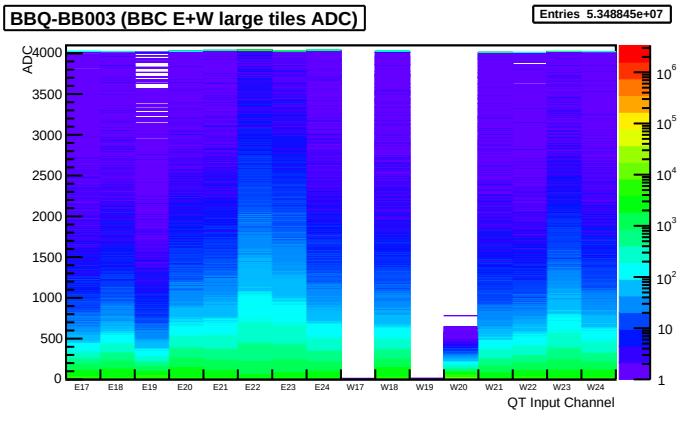

BBQ-ZD001 (ZDC TOWER)
Entries 5.348845e+07
TAC

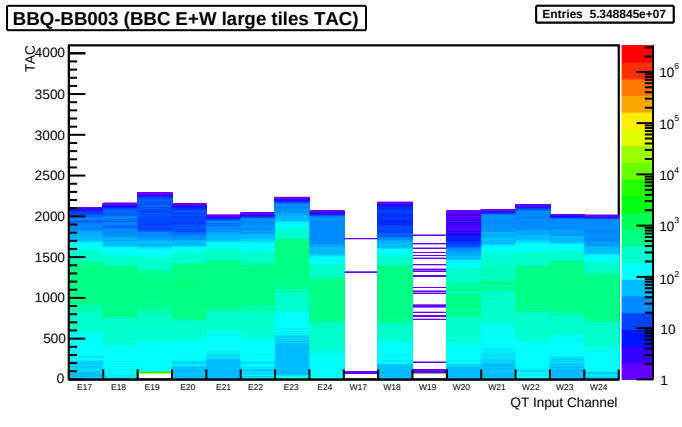

BBQ-VP001 (LO threshold)
Entries 5.348845e+07
ADC
QT Input Channel

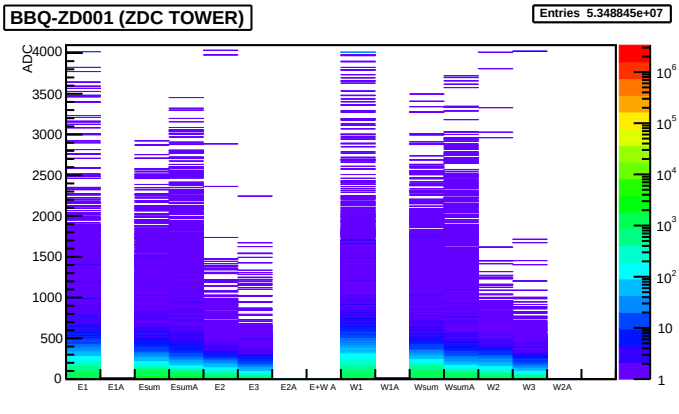

BBQ-VP001 (LO threshold)
Entries 5.348845e+07
TAC
QT Input Channel

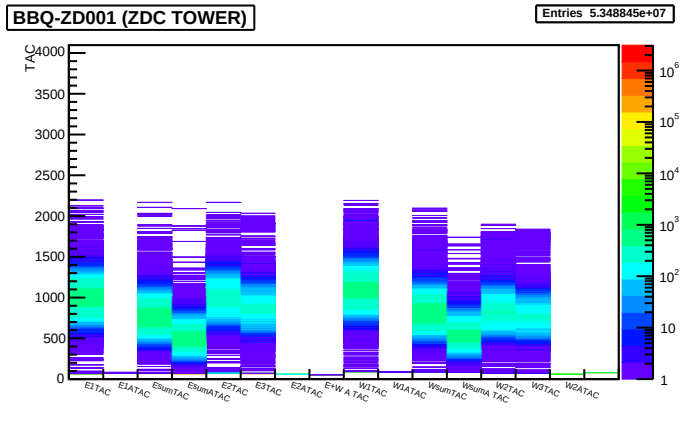

BBQ-VP002 (LO threshold)
Entries 5.348845e+07
ADC
QT Input Channel

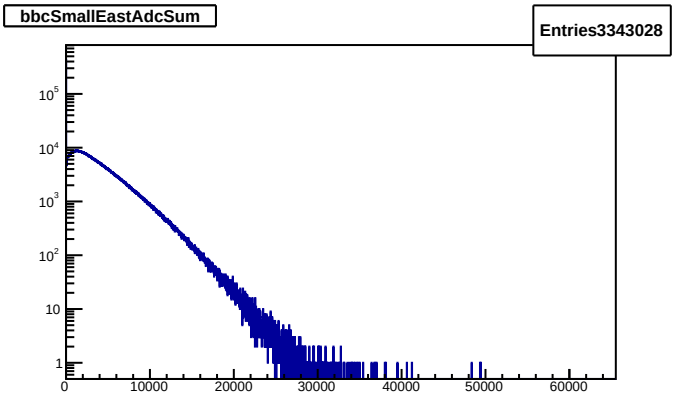

BBQ-VP002 (LO threshold)
Entries 5.348845e+07
TAC
QT Input Channel

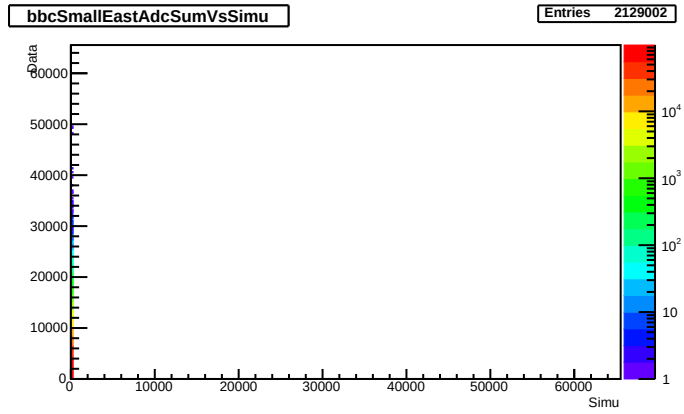

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.348845e+07
ADC
QT Input Channel

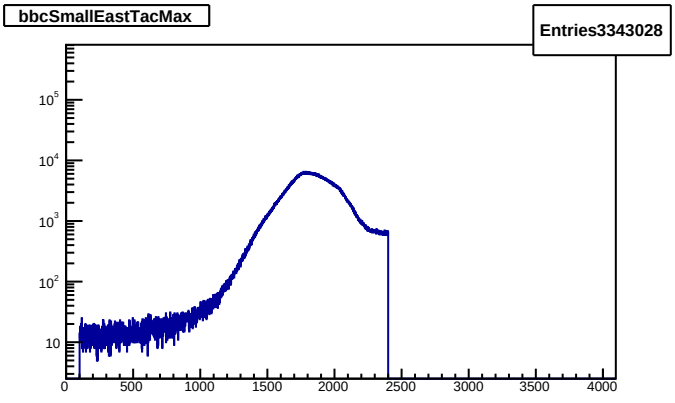

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.348845e+07
TAC
QT Input Channel

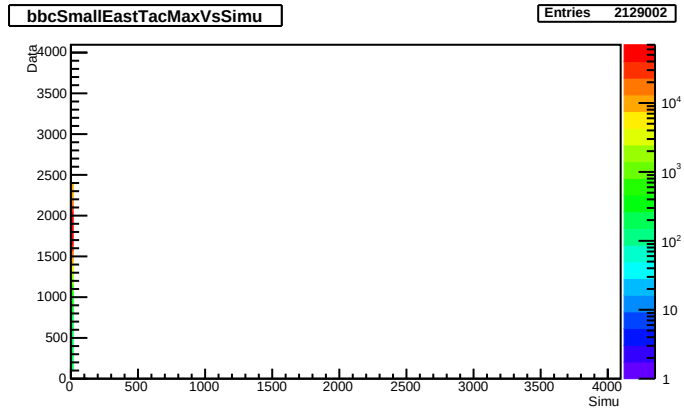

BBQ-ZD001 (ZDC TOWER)
Entries 5.348845e+07
ADC

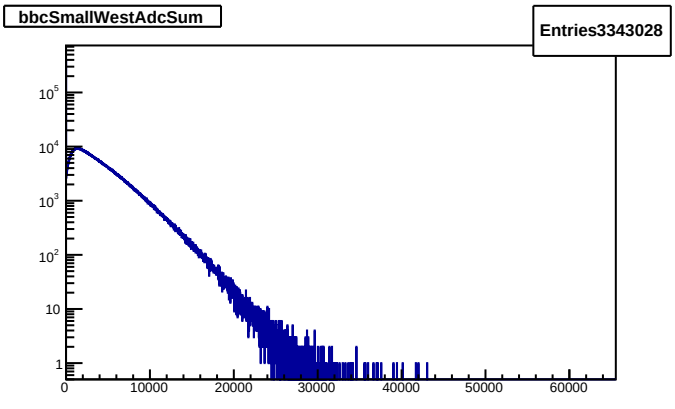

BBQ-ZD001 (ZDC TOWER)
Entries 5.348845e+07
TAC

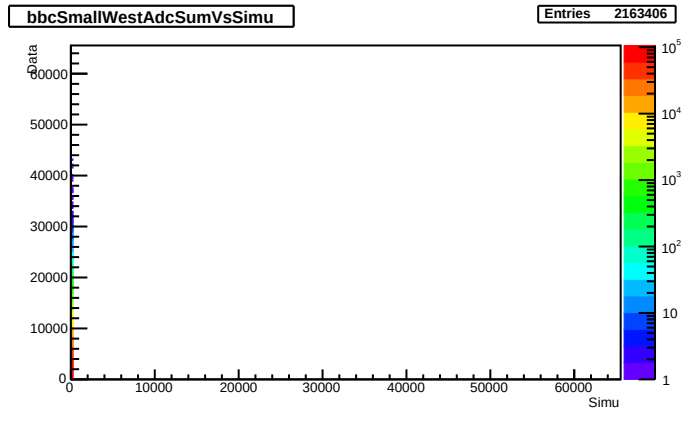

bbcSmallEastAdcSum
Entries3343028

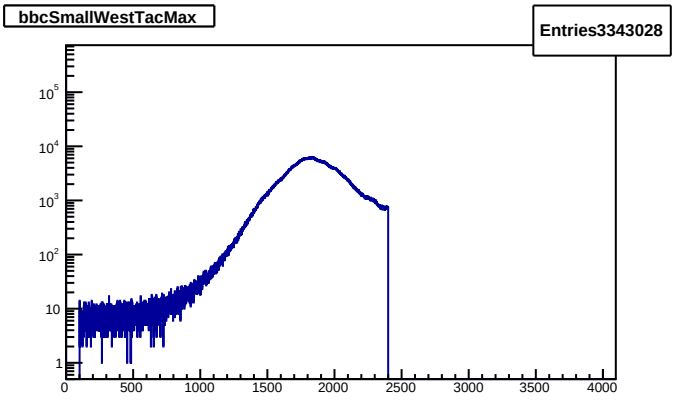

bbcSmallEastAdcSumVsSimu
Entries 2129002
Data
Simu

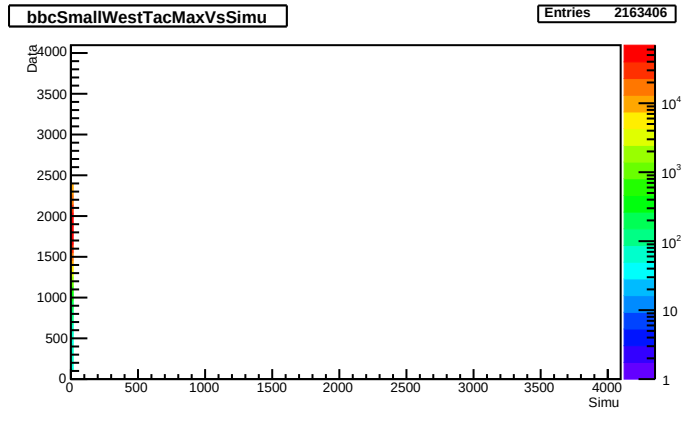

bbcSmallEastTacMax
Entries3343028

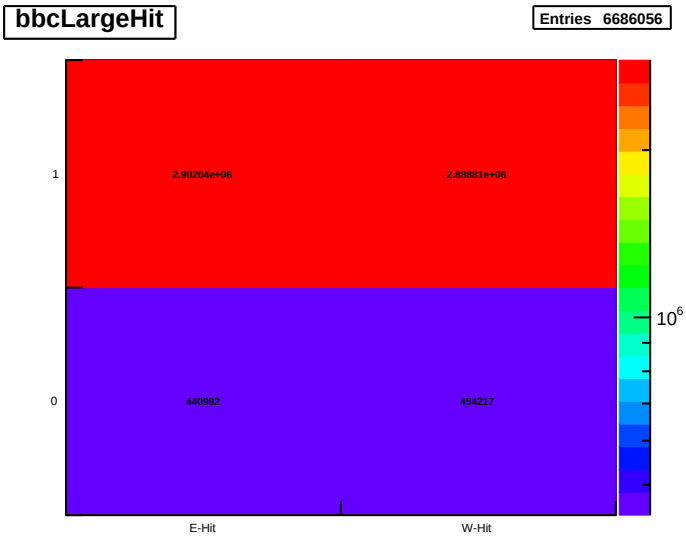

bbcSmallEastTacMaxVsSimu
Entries 2129002
Data
Simu

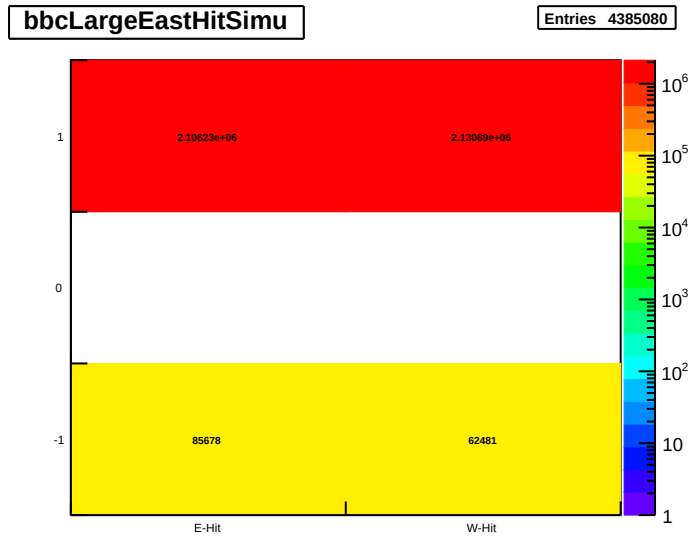

bbcSmallWestAdcSum
Entries3343028

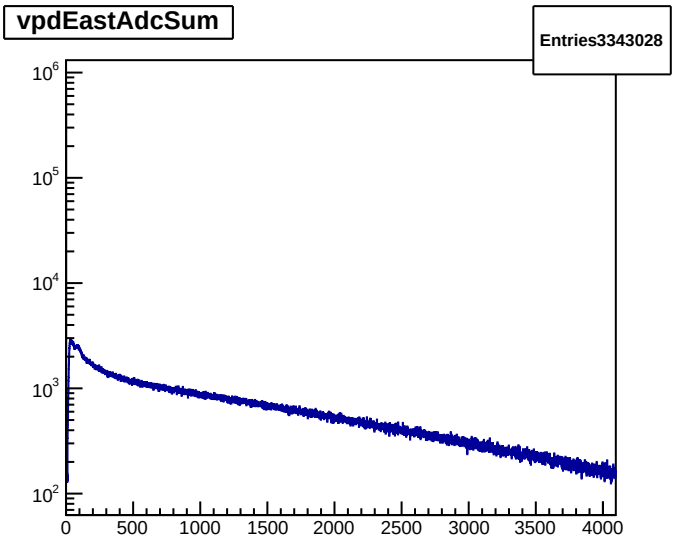

bbcSmallWestAdcSumVsSimu
Entries 2163406
Data
Simu

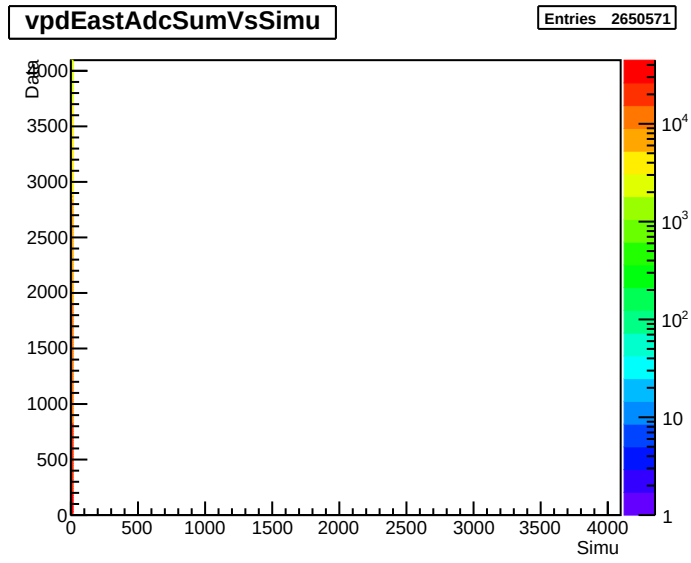

bbcSmallWestTacMax
Entries3343028

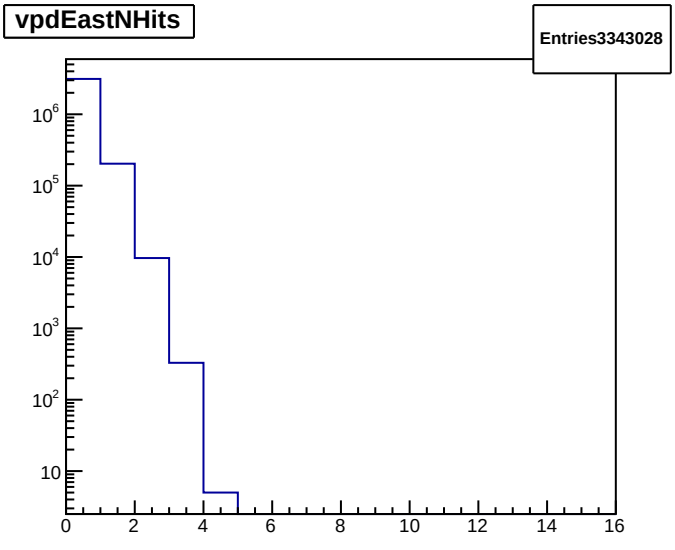

bbcSmallWestTacMaxVsSimu
Entries 2163406
Data
Simu

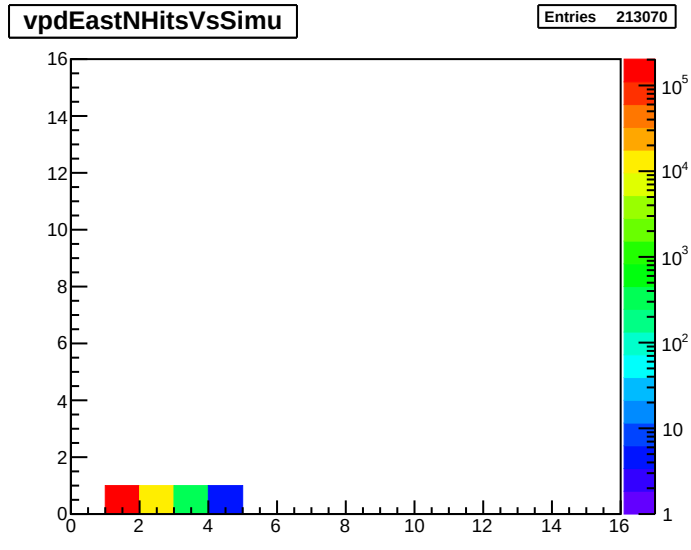

bbcLargeHit
Entries 6686056
1
0
2.90204e+06
2.88881e+06
440992
454217
E-Hit
W-Hit
10^6

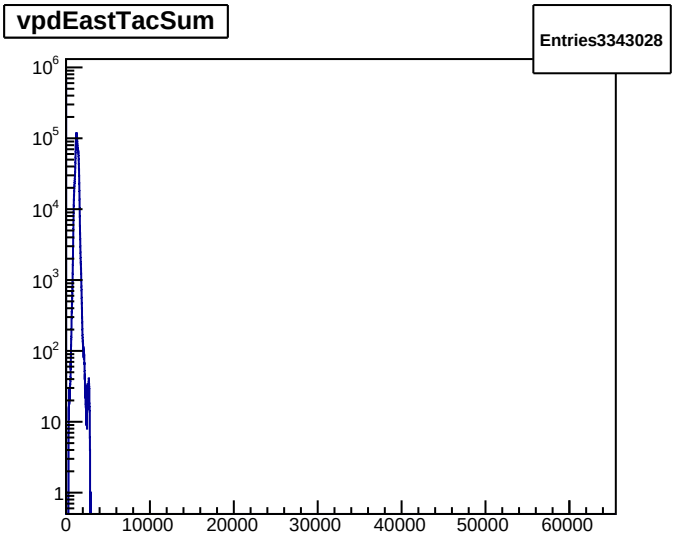

bbcLargeEastHitSimu
Entries 4385080
1
0
-1
2.10623e+06
2.13069e+06
85678
62481
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

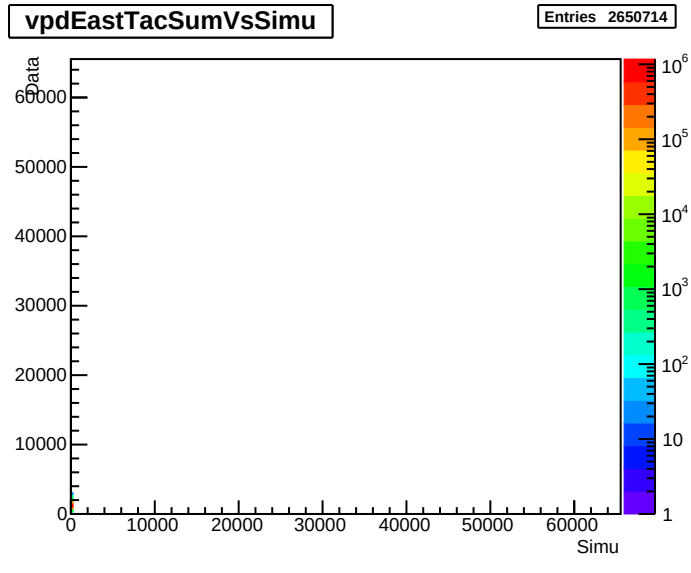

vpdEastAdcSum
Entries3343028

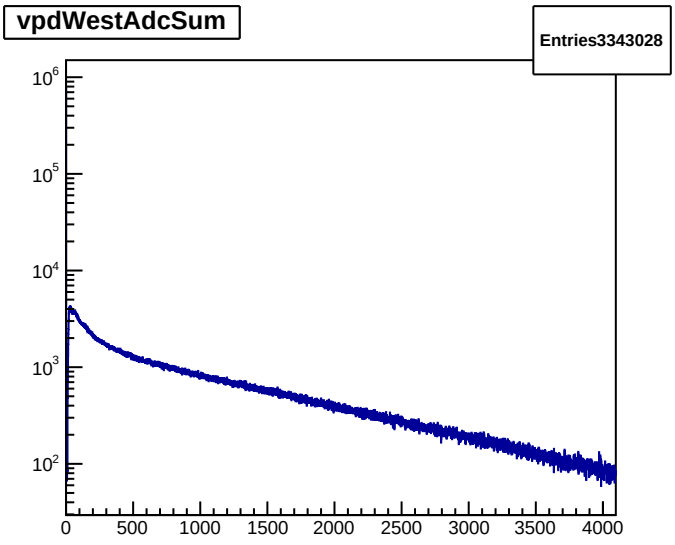

vpdEastAdcSumVsSimu
Entries 2650571
Data
Simu

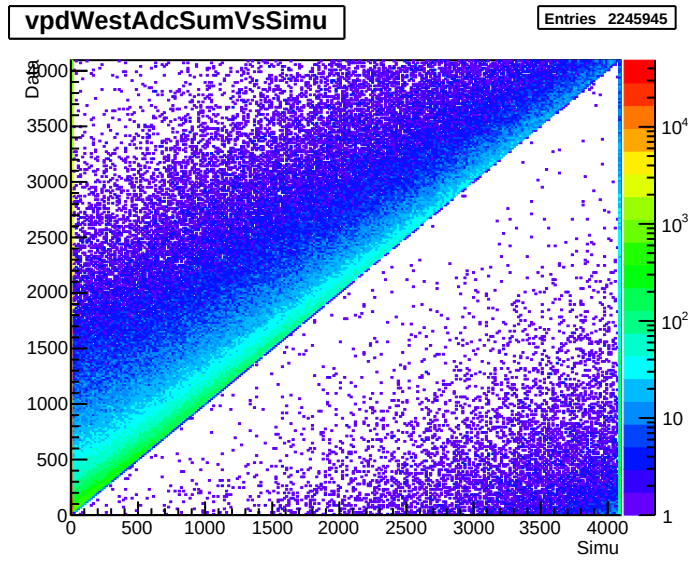

vpdEastNHits
Entries3343028

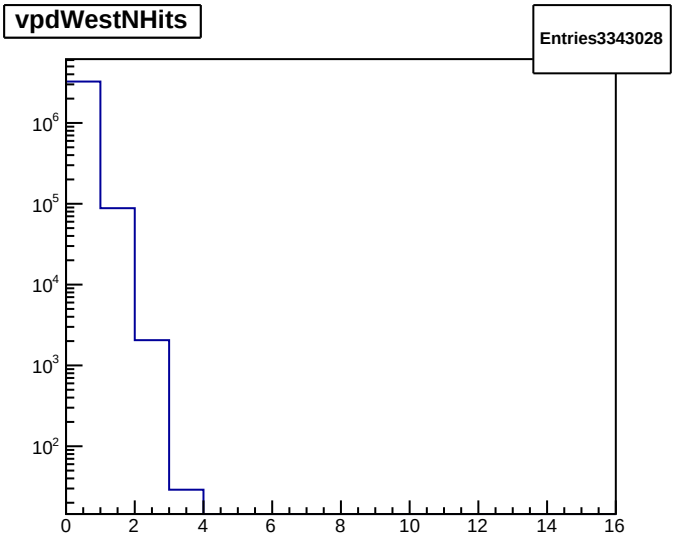

vpdEastNHitsVsSimu
Entries 213070

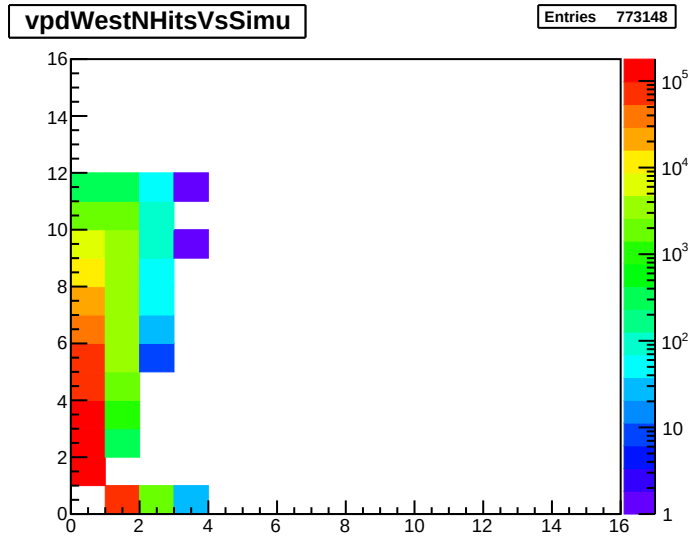

vpdEastTacSum
Entries3343028

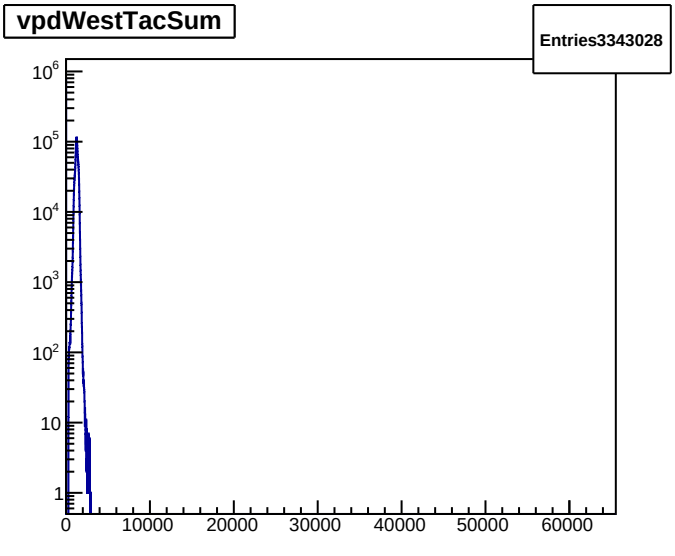

vpdEastTacSumVsSimu
Entries 2650714
Data
Simu

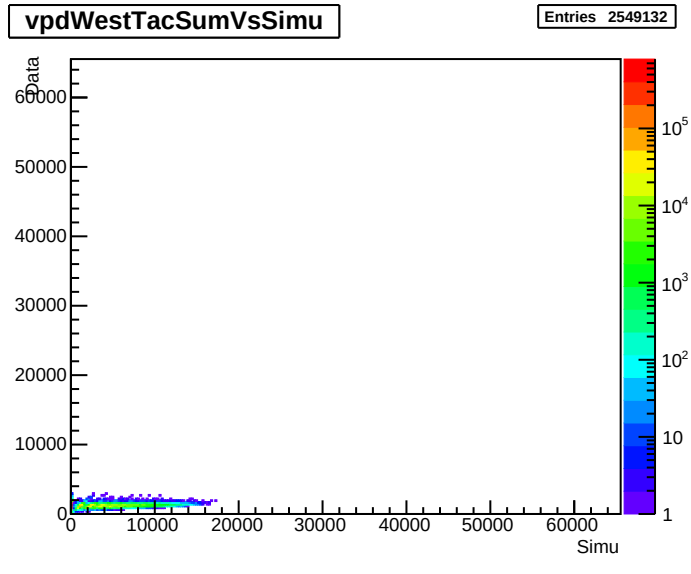

vpdWestAdcSum
Entries3343028

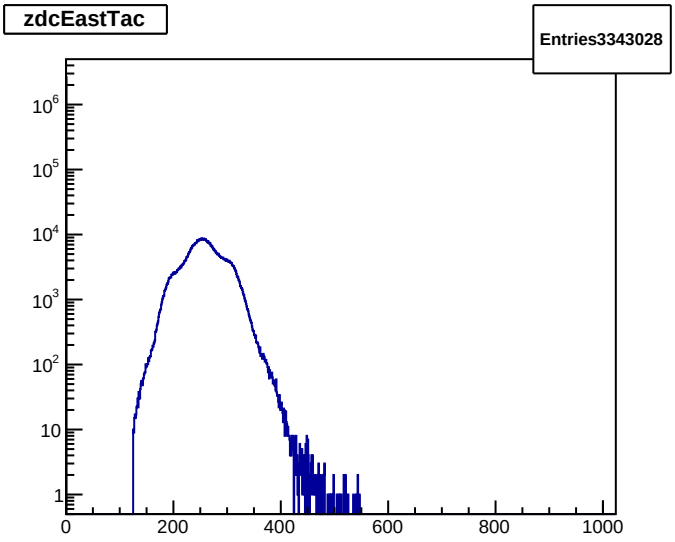

vpdWestAdcSumVsSimu
Entries 2245945
Data
Simu

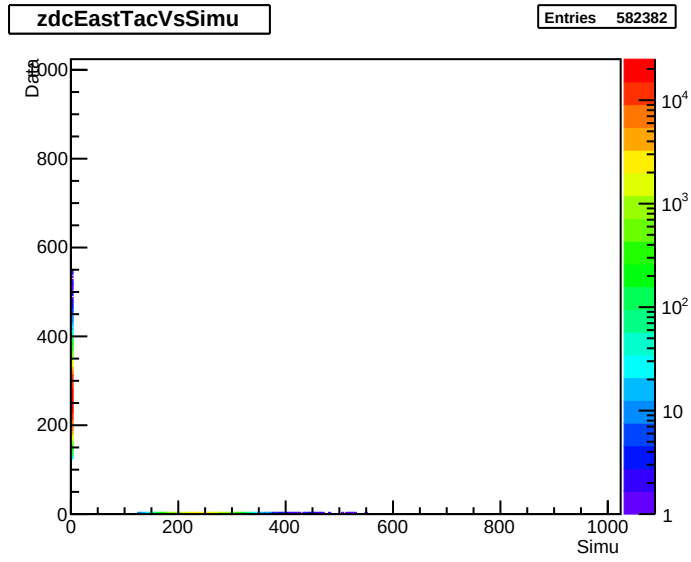

vpdWestNHits
Entries3343028

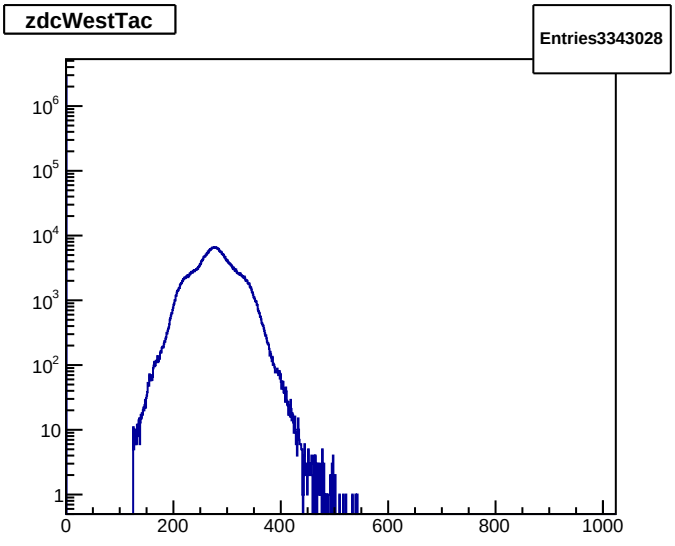

vpdWestNHitsVsSimu
Entries 773148

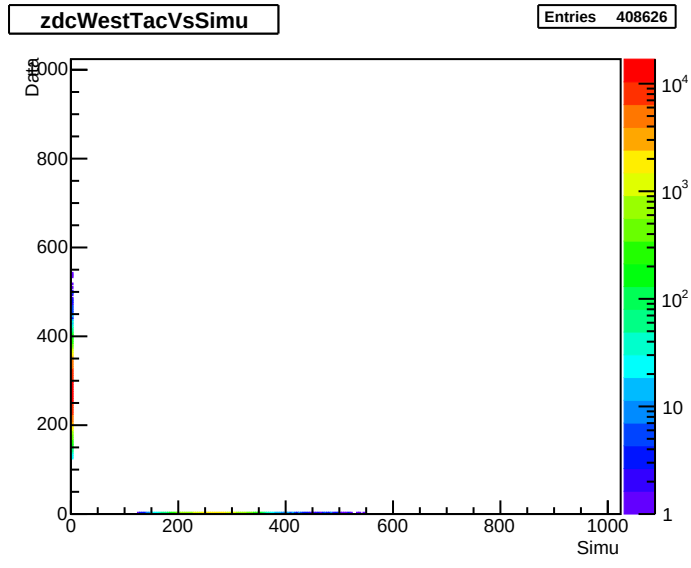

vpdWestTacSum
Entries3343028

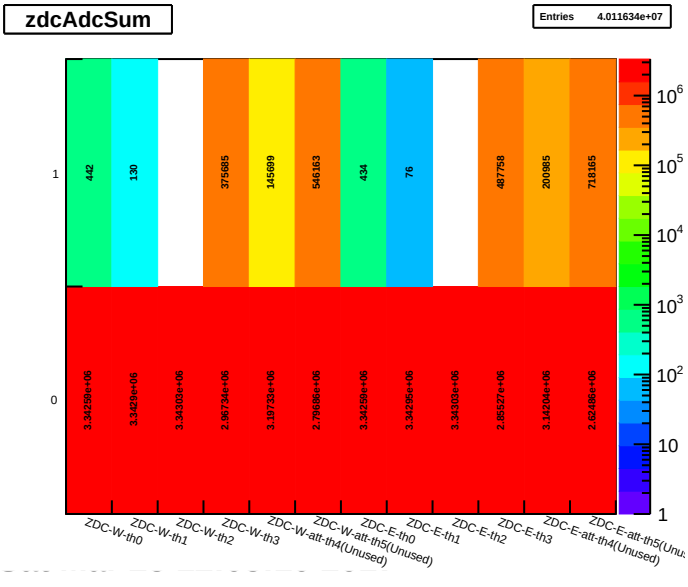

vpdWestTacSumVsSimu
Entries 2549132
Data
Simu

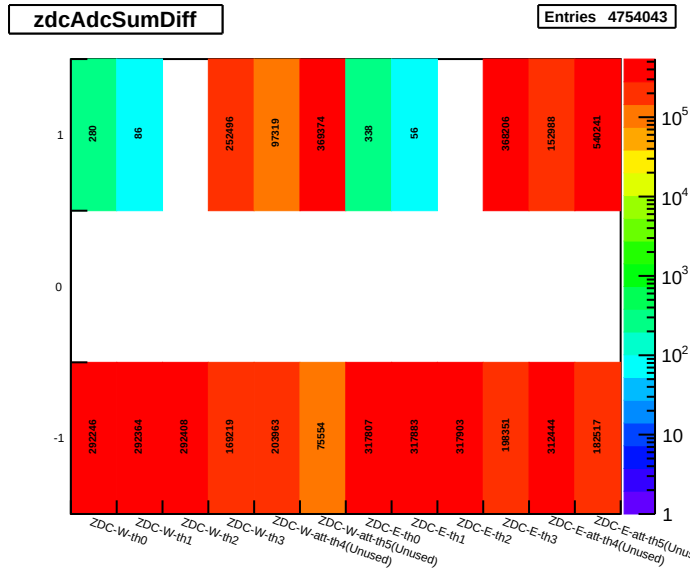

zdcEastTac
Entries3343028

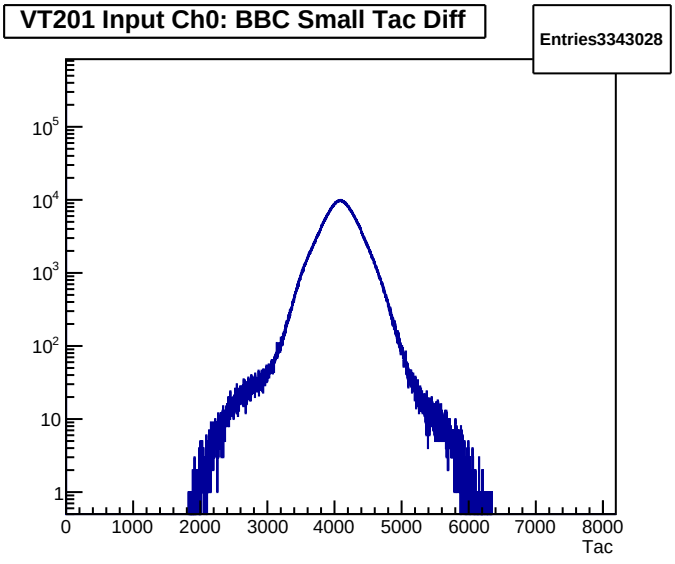

zdcEastTacVsSimu
Entries 582382
Data
Simu

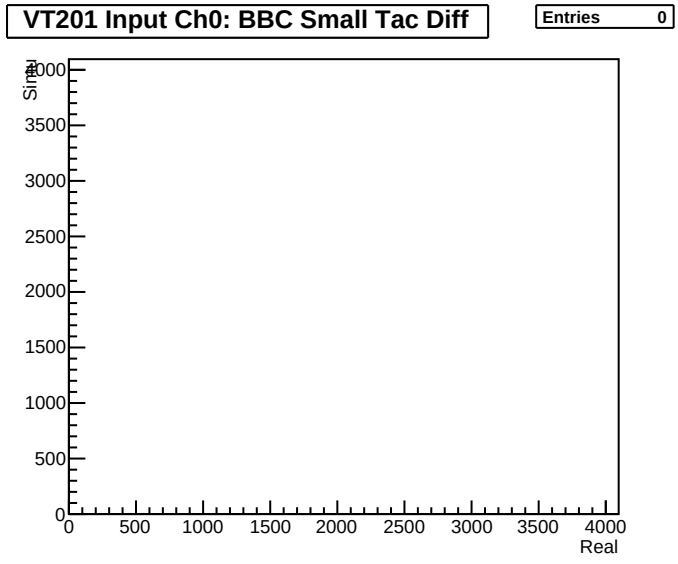

zdcWestTac
Entries3343028

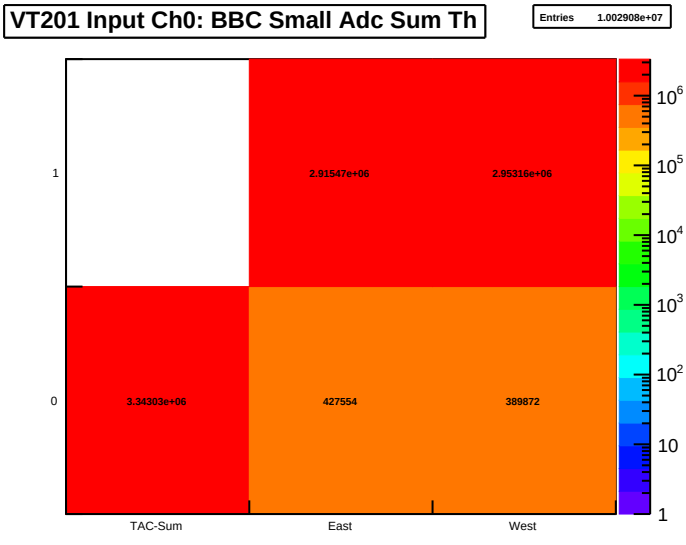

zdcWestTacVsSimu
Entries 408626
Data
Simu

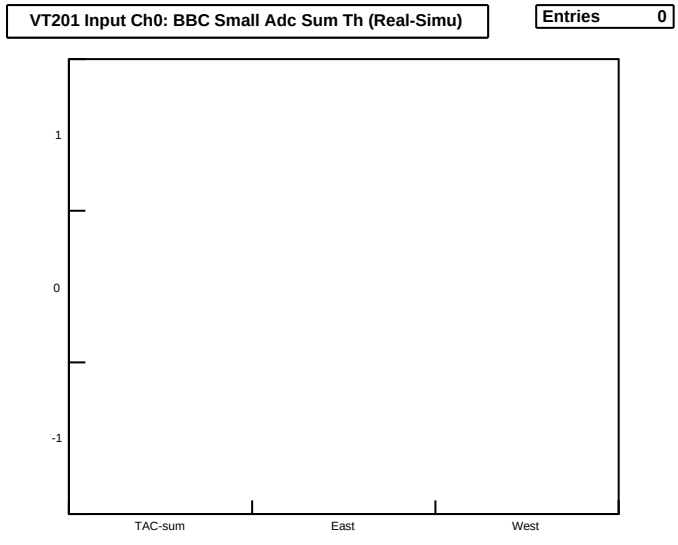

zdcAdcSum
Entries 4.011634e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

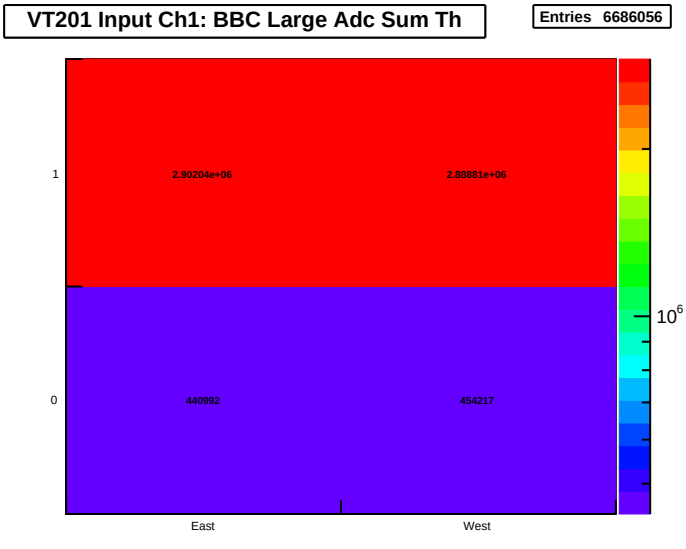

zdcAdcSumDiff
Entries 4754043
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

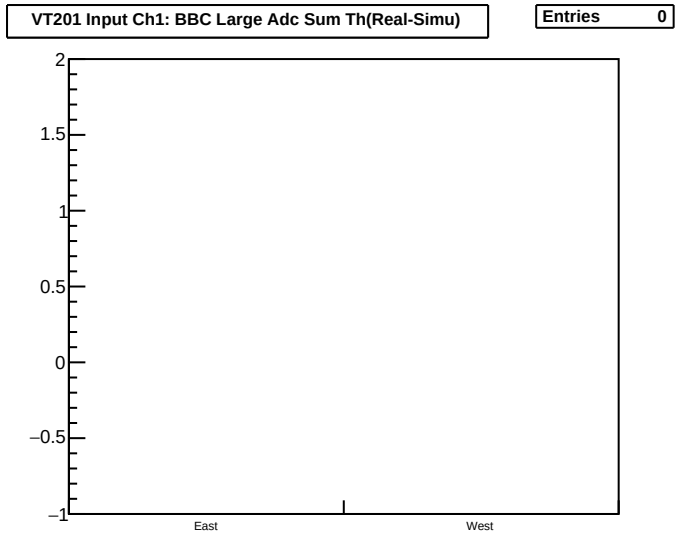

VT201 Input Ch0: BBC Small Tac Diff
Entries3343028
Tac


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

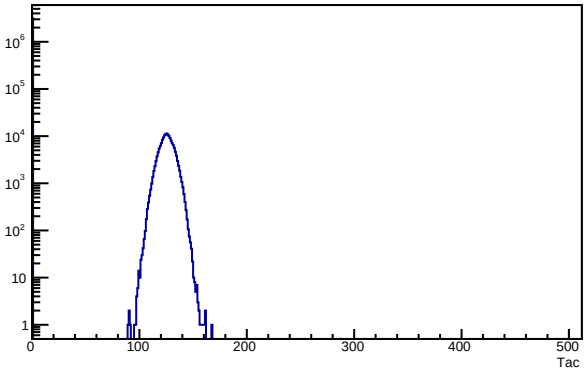

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.002908e+07
2.91547e+06
2.95316e+06
3.34303e+06
427554
389872
TAC-Sum
East
West


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

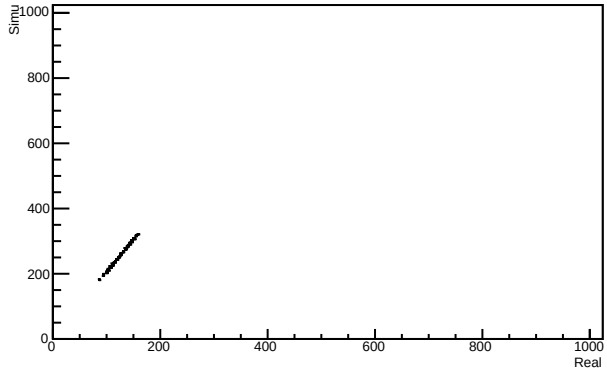

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6686056
2.90204e+06
2.88881e+06
440992
454217
East
West


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

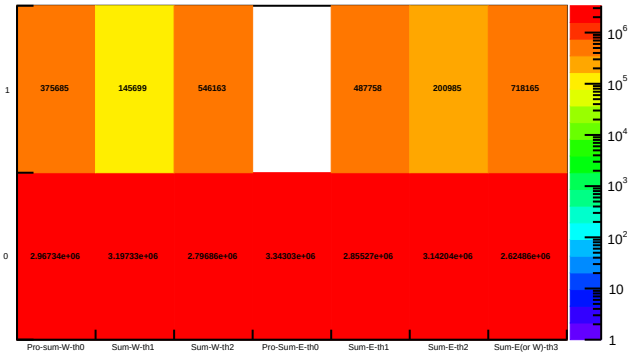
VT201 Input Ch2: ZDC Tac Diff



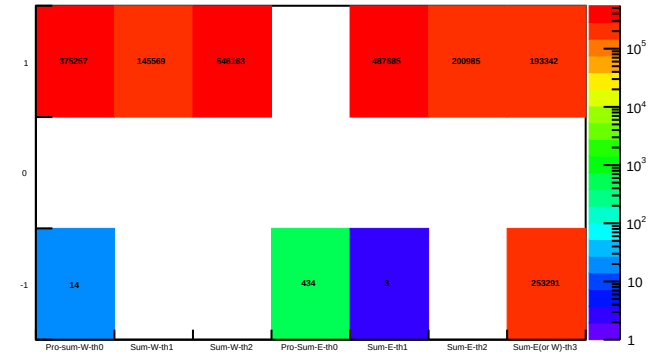
VT201 Input Ch2: ZDC Tac Diff



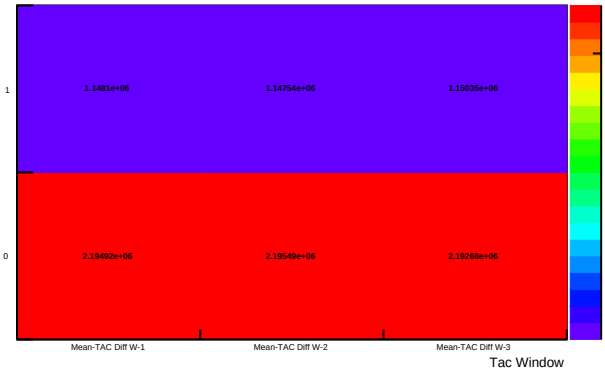
VT201 Input Ch2: ZDC Adc Sum Th



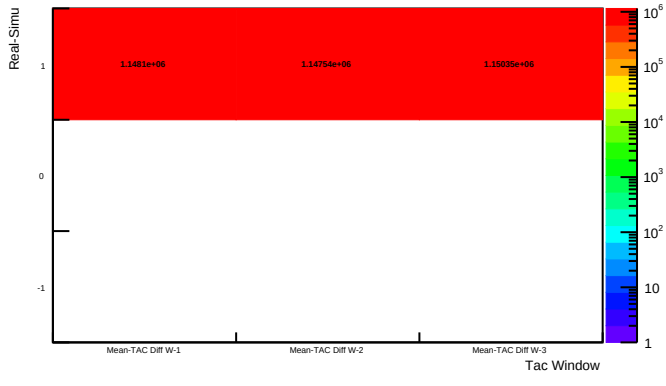
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



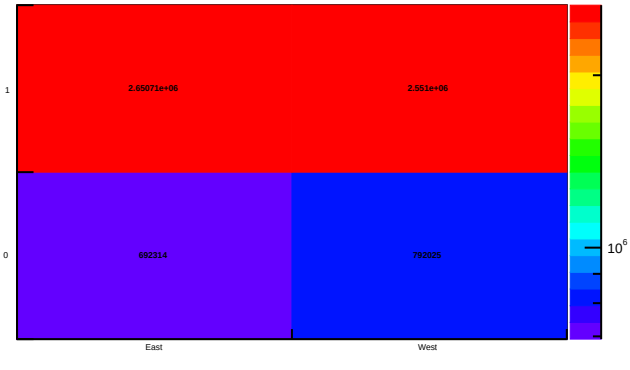
VT201 Input Ch4: VPD Tac Diff



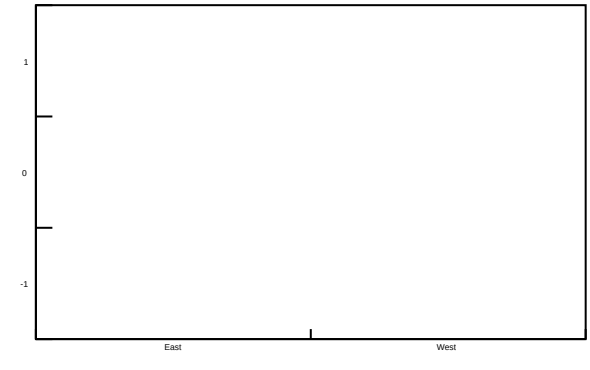
VT201 Input Ch4: VPD Tac Diff

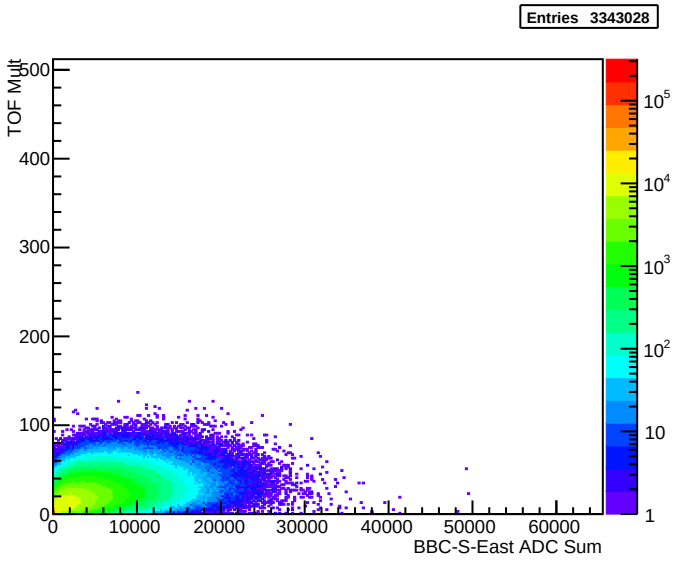


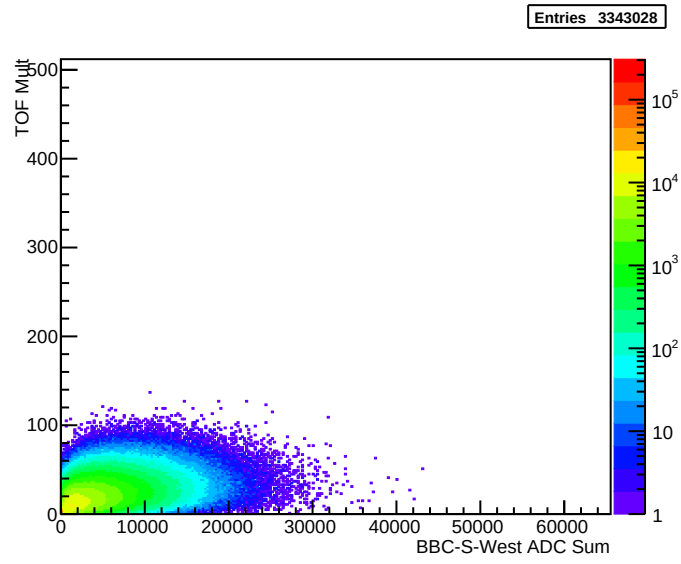
VT201 Input Ch4: VPD Adc Sum Th

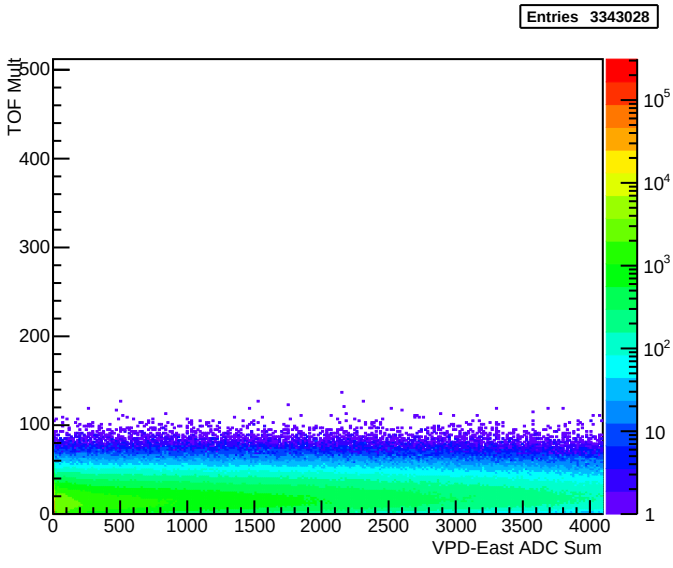


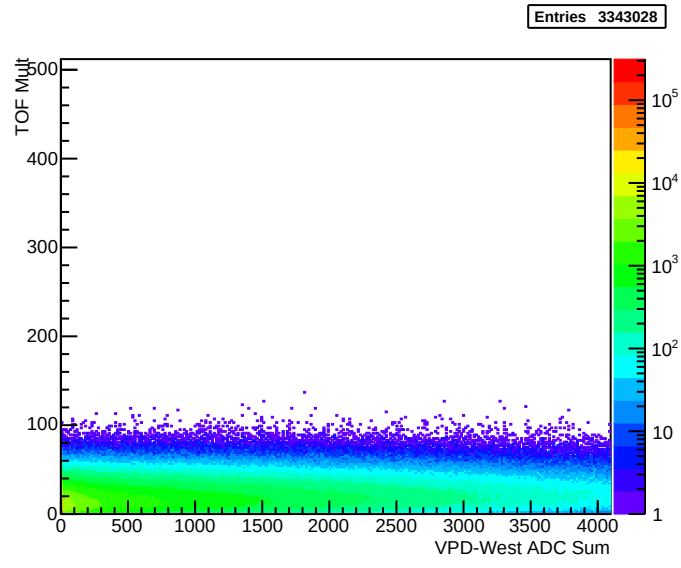
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

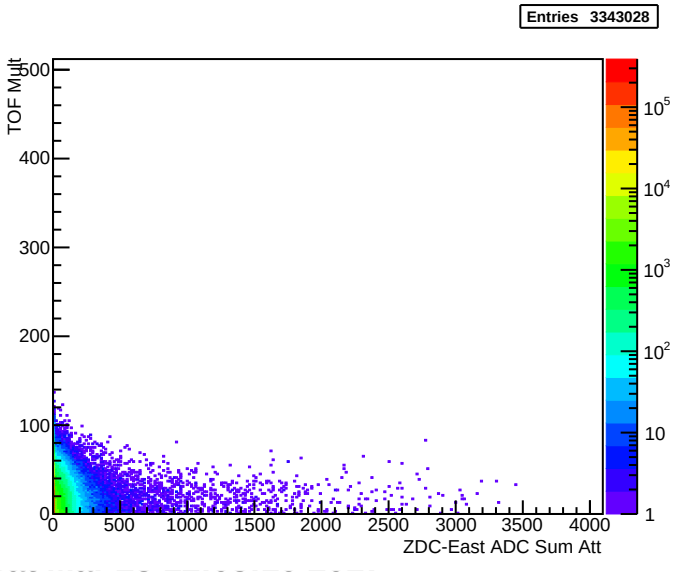


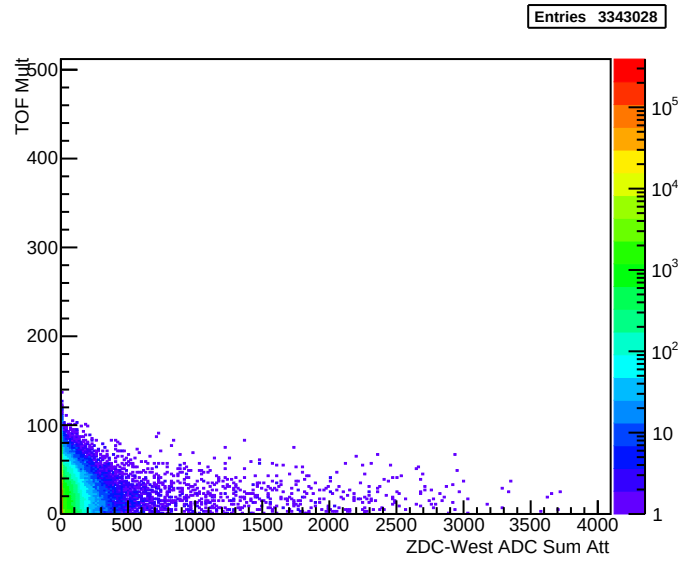

Entries 3343028
TOF Mult
BBC-S-East ADC Sum

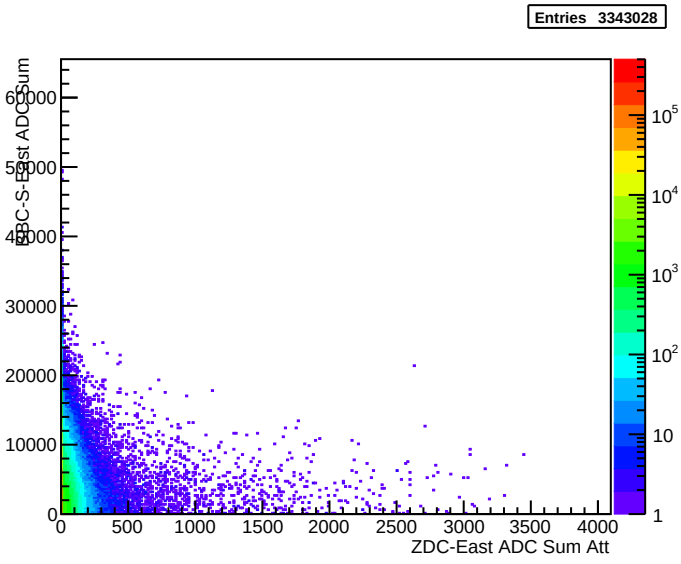

Entries 3343028
TOF Mult
BBC-S-West ADC Sum

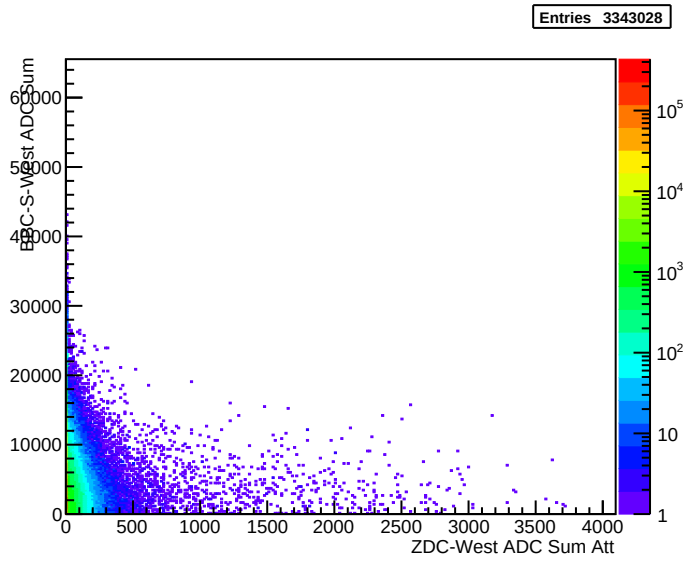

Entries 3343028
TOF Mult
VPD-East ADC Sum

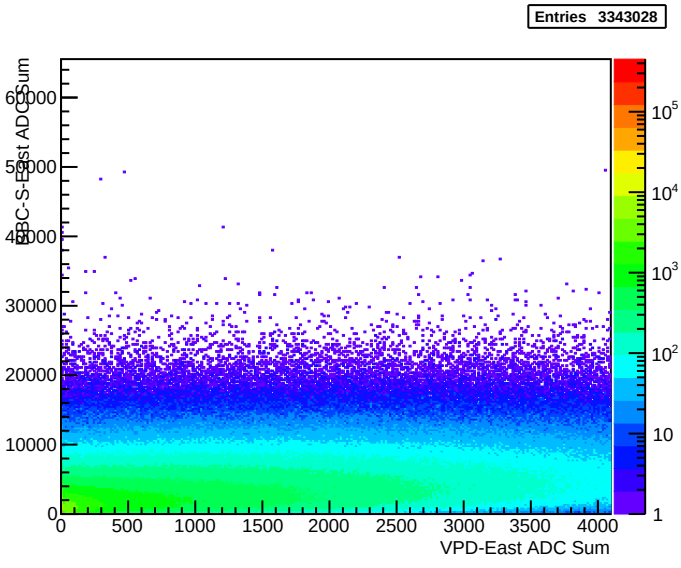

Entries 3343028
TOF Mult
VPD-West ADC Sum

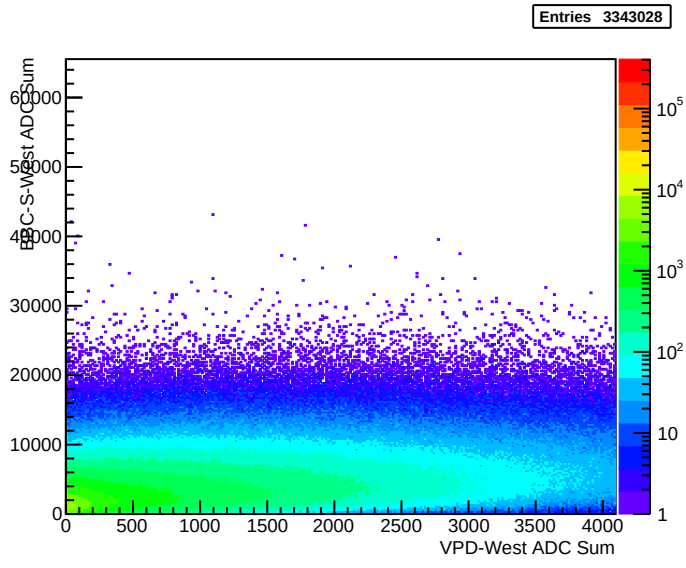

Entries 3343028
TOF Mult
ZDC-East ADC Sum Att

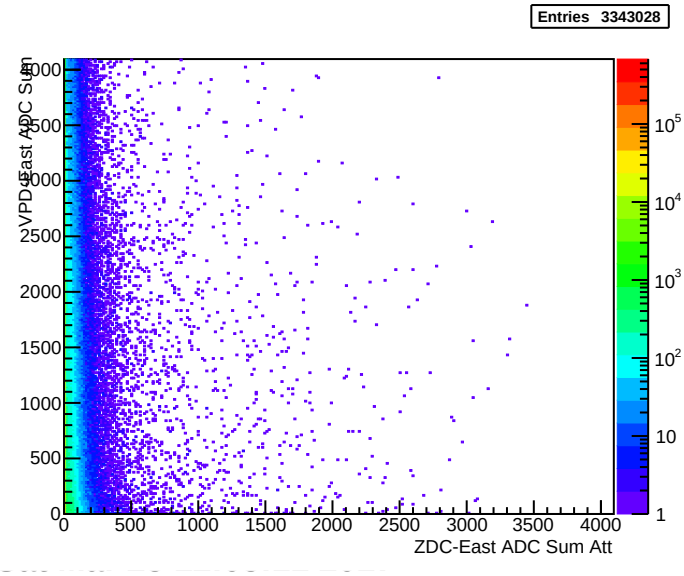

Entries 3343028
TOF Mult
ZDC-West ADC Sum Att

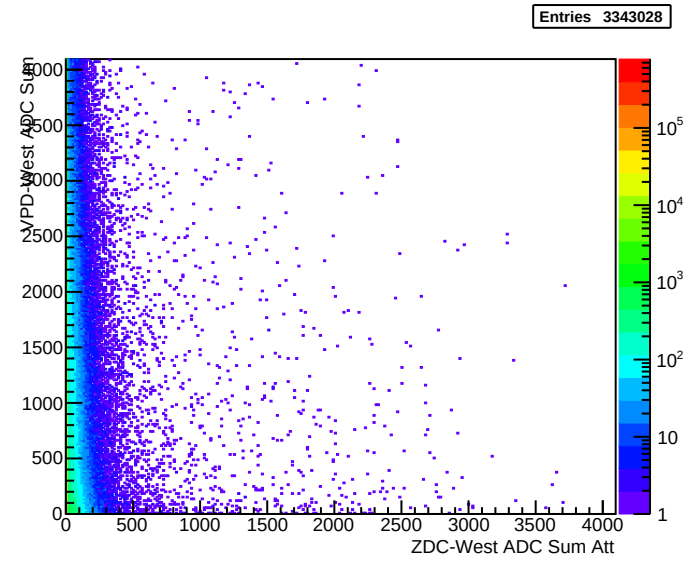

Entries 3343028
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

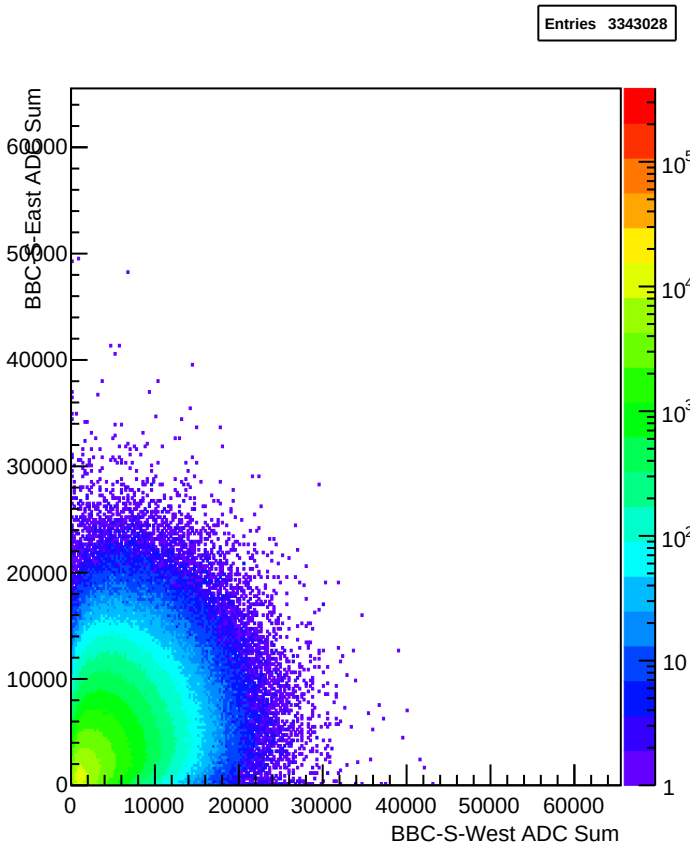

Entries 3343028
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

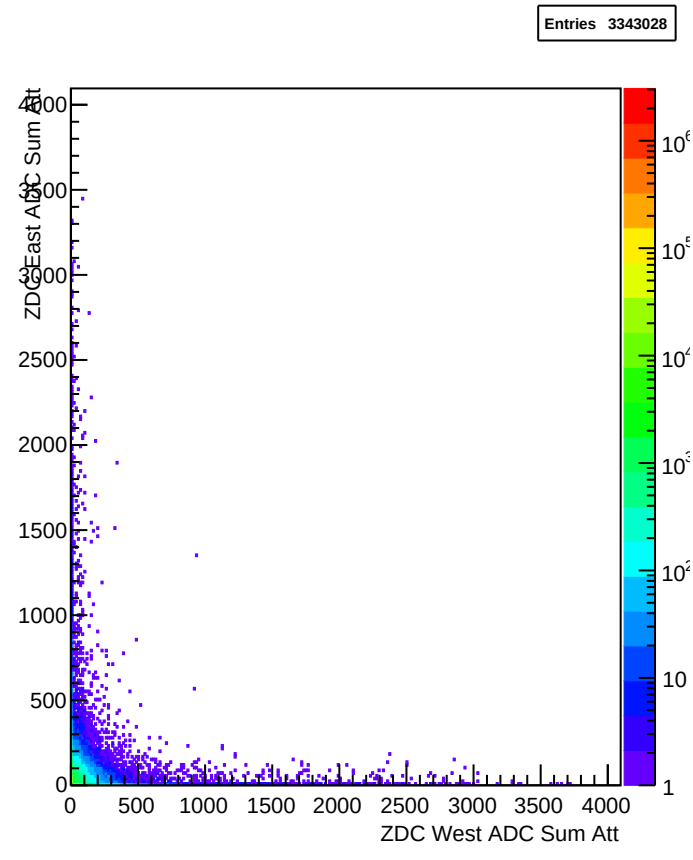

Entries 3343028
BBC-S-East ADC Sum
VPD-East ADC Sum

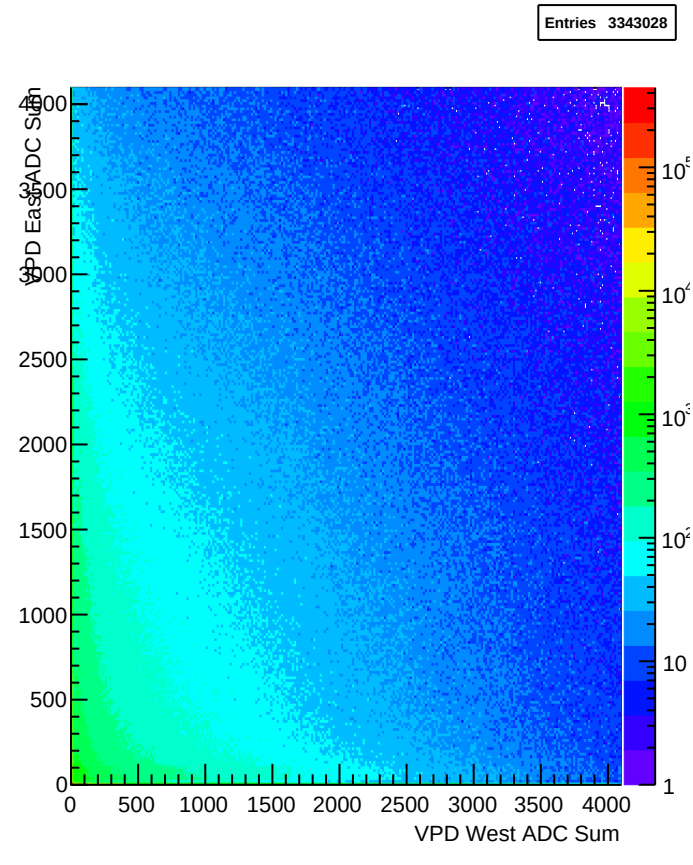

Entries 3343028
BBC-S-West ADC Sum
VPD-West ADC Sum

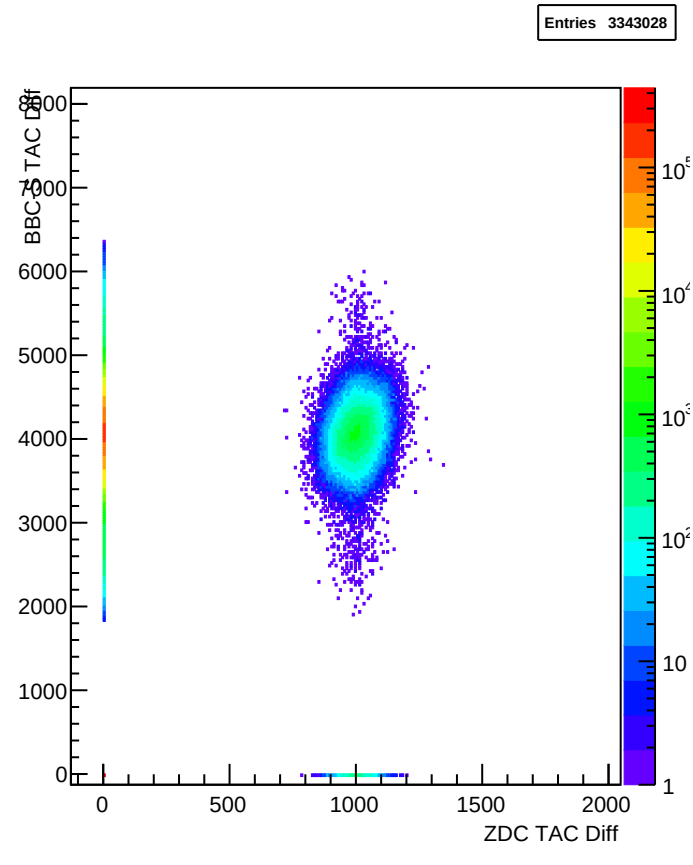

Entries 3343028
VPD-East ADC Sum
ZDC-East ADC Sum Att

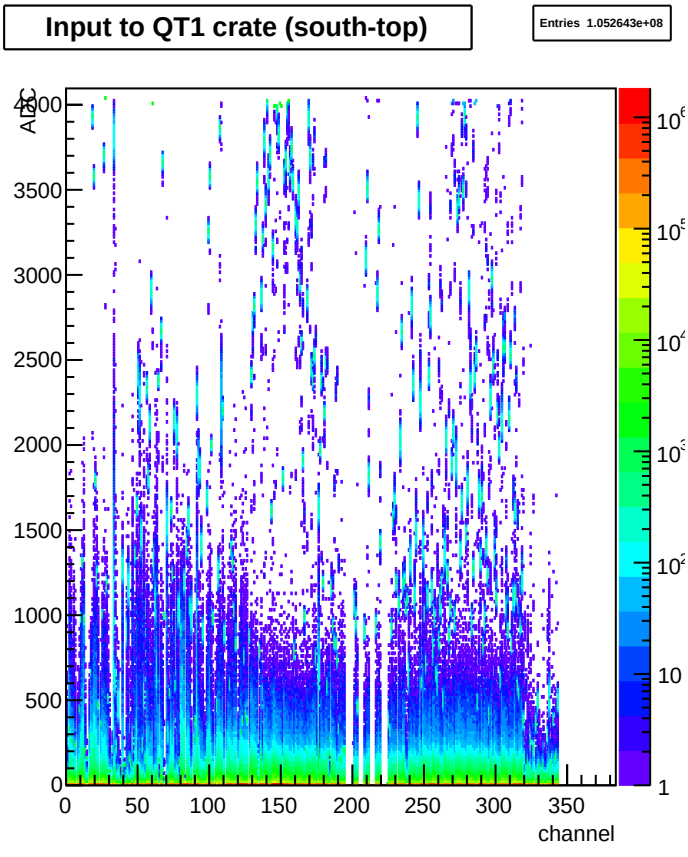

Entries 3343028
VPD-West ADC Sum
ZDC-West ADC Sum Att

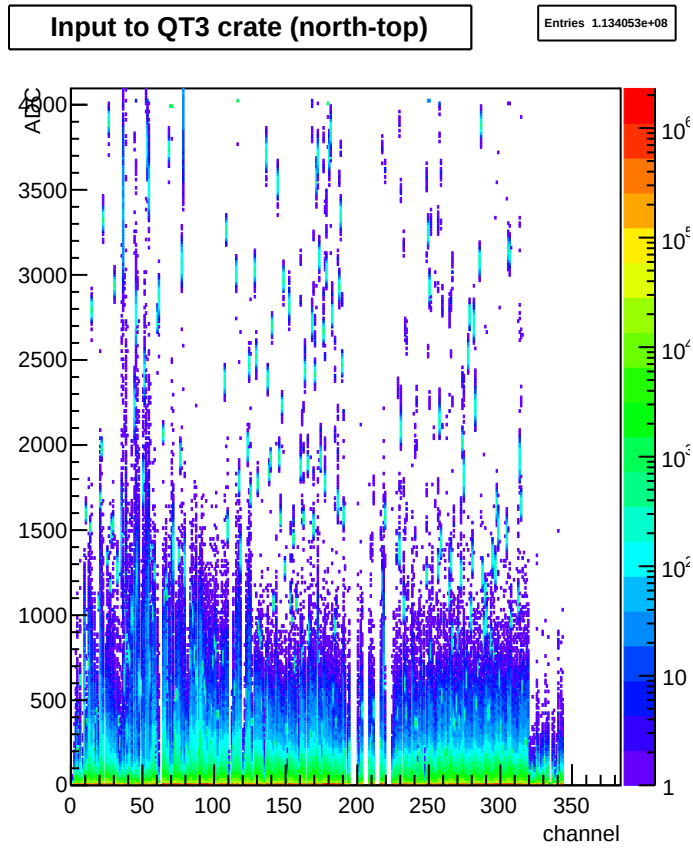

Entries 3343028
BBC-S-East ADC Sum
BBC-S-West ADC Sum

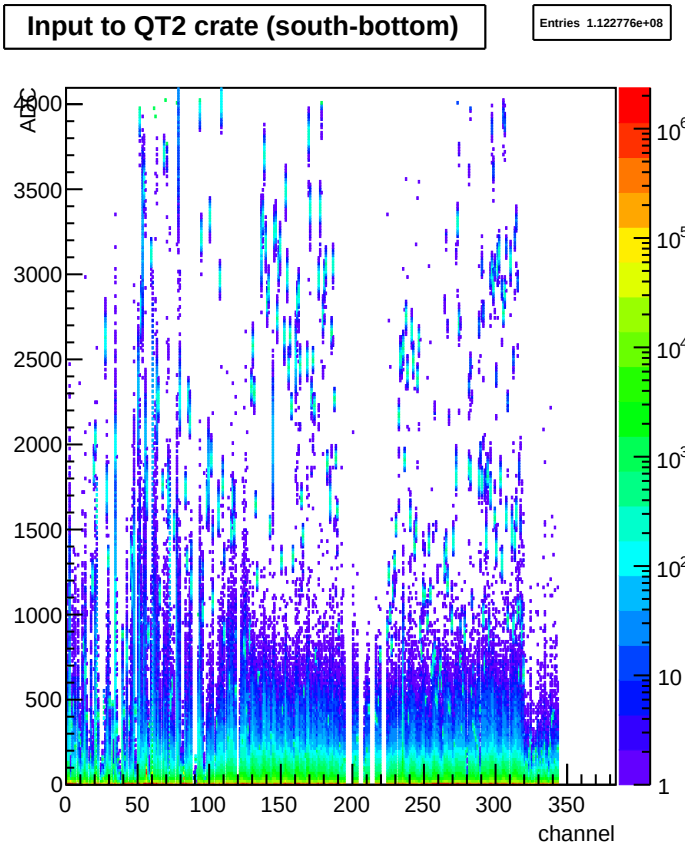

Entries 3343028
ZDC East ADC Sum Att
ZDC West ADC Sum Att

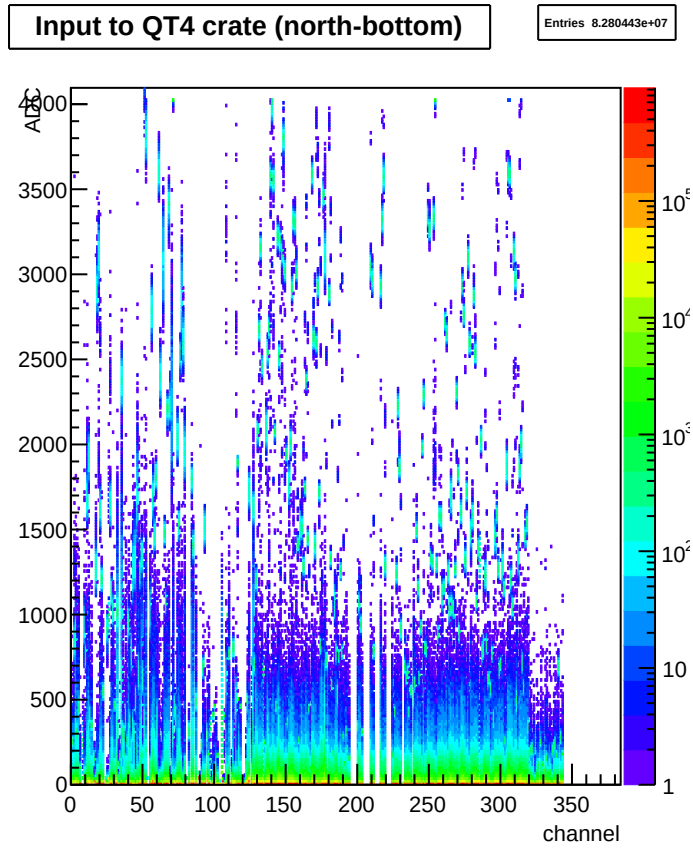

Entries 3343028
VPD East ADC Sum
VPD West ADC Sum

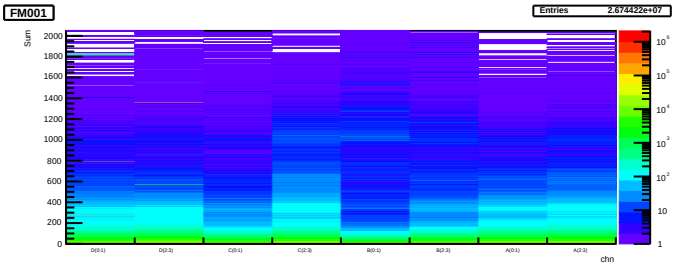

Entries 3343028
BBC-S TAC Diff
ZDC TAC Diff

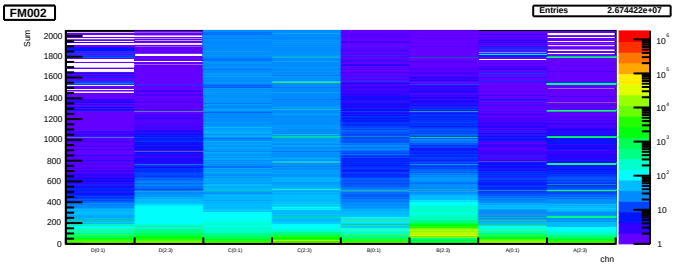

Input to QT1 crate (south-top)
Entries 1.052643e+08
ADC
channel

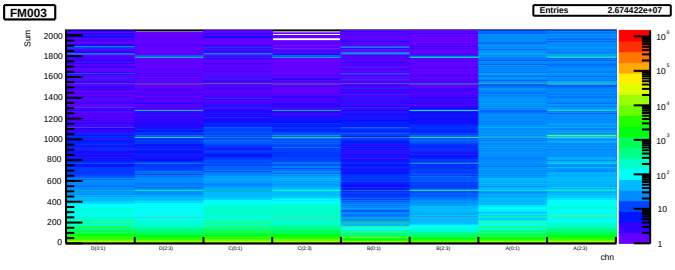

Input to QT3 crate (north-top)
Entries 1.134053e+08
ADC
channel

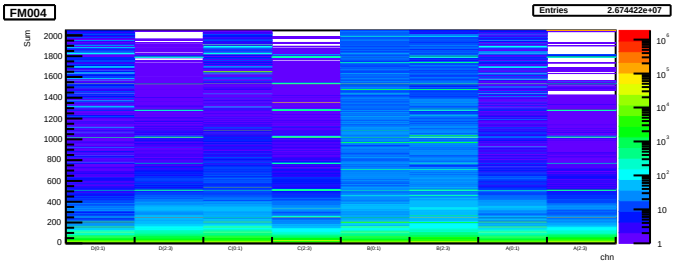

Input to QT2 crate (south-bottom)
Entries 1.122776e+08
ADC
channel

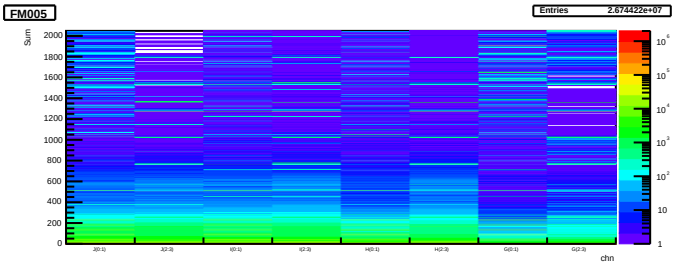

Input to QT4 crate (north-bottom)
Entries 8.280443e+07
ADC
channel


FM001
Entries 2.674422e+07
Sum
chn


FM002
Entries 2.674422e+07
Sum
chn


FM003
Entries 2.674422e+07
Sum
chn


FM004
Entries 2.674422e+07
Sum
chn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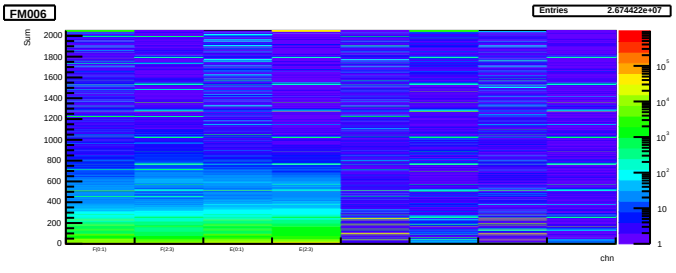
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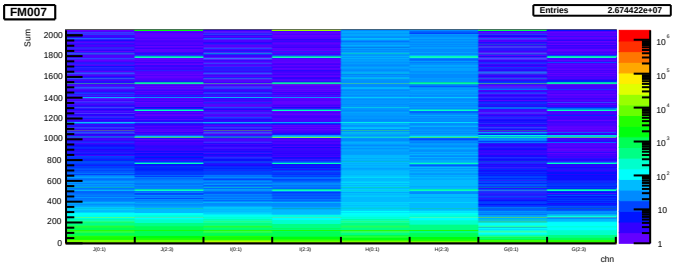
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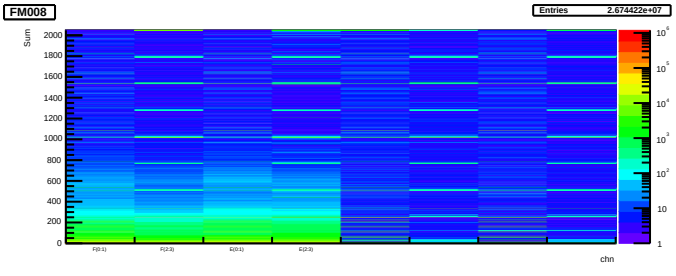
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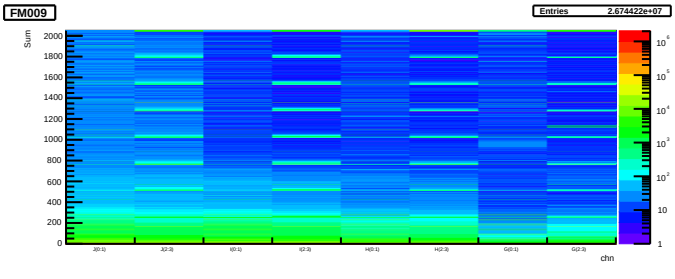
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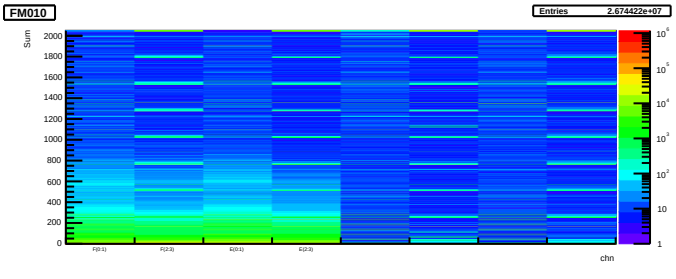
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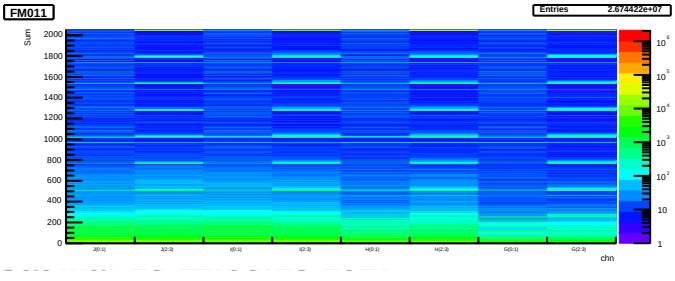
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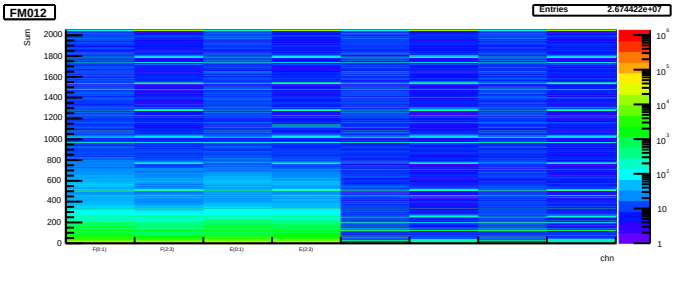
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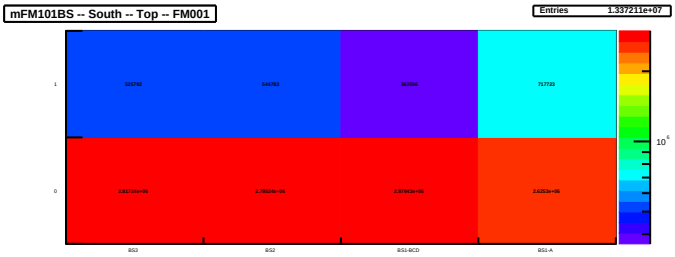
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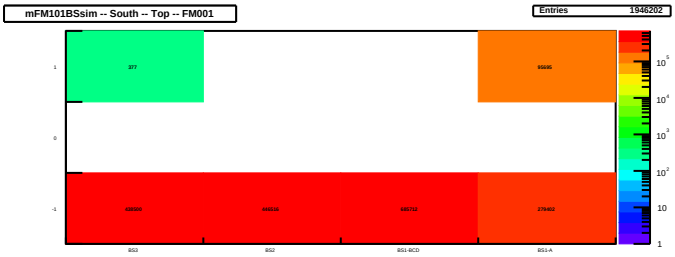
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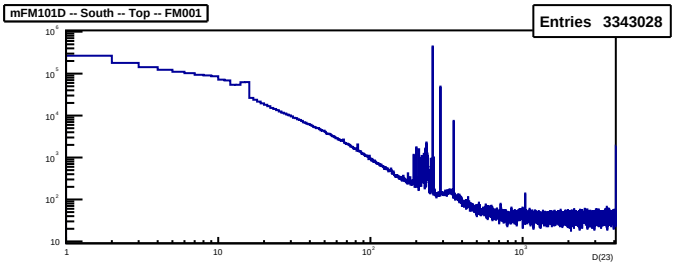
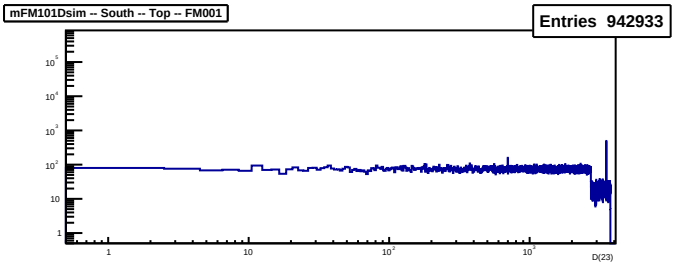

mFM101D -- South -- Top -- FM001
Entries 3343028
D(23)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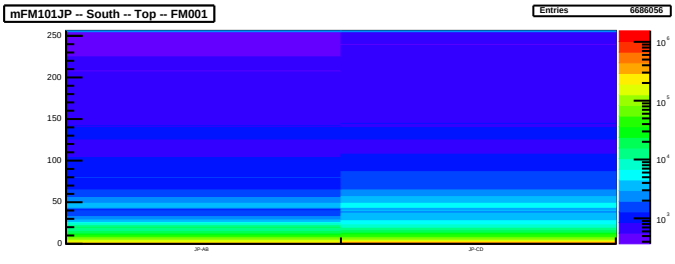
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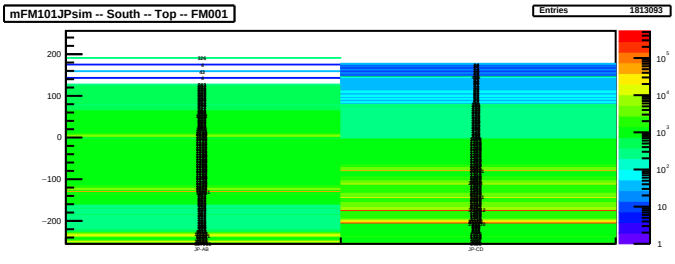
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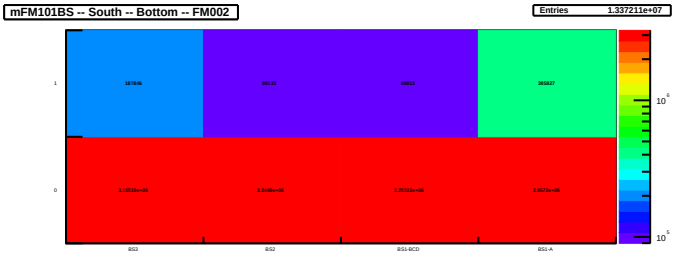
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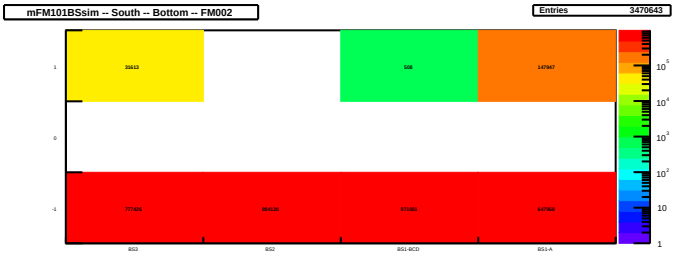
Entries 1.337211e+07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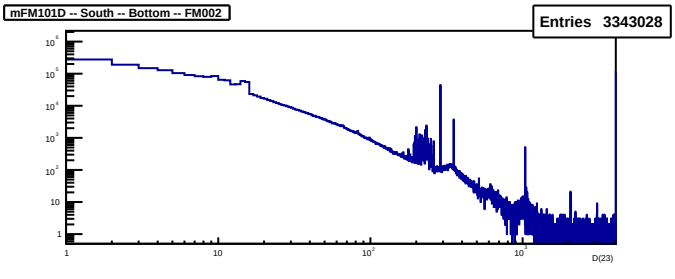
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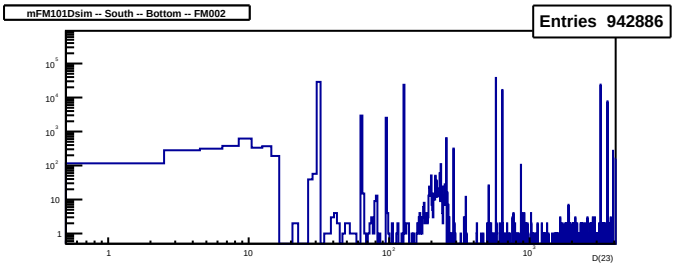
Entries 3343028
D(23)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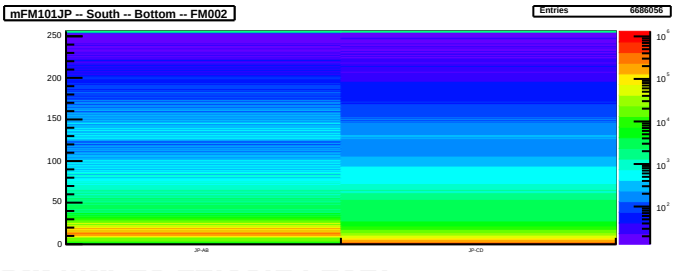
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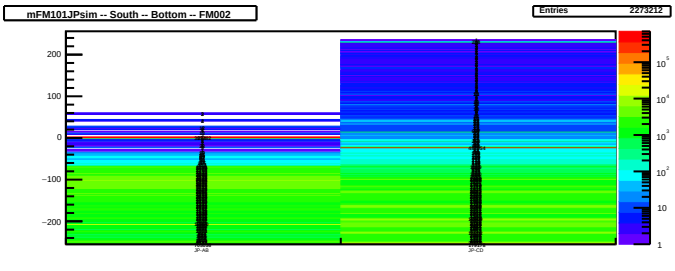
Entries 6686056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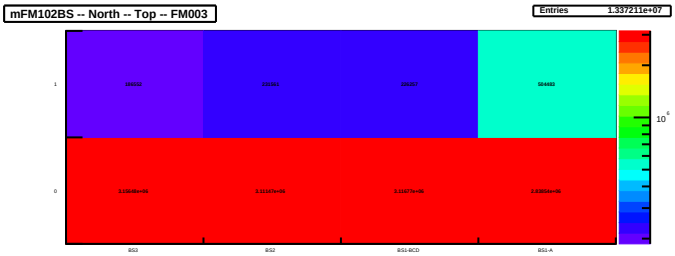
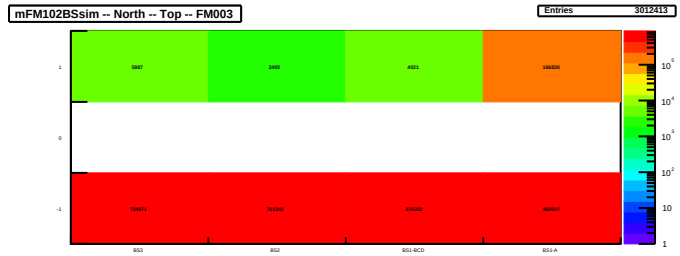

mFM102BS -- North -- Top -- FM003
Entries 1.337211e+07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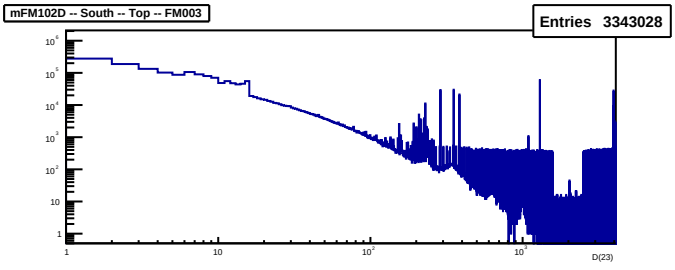
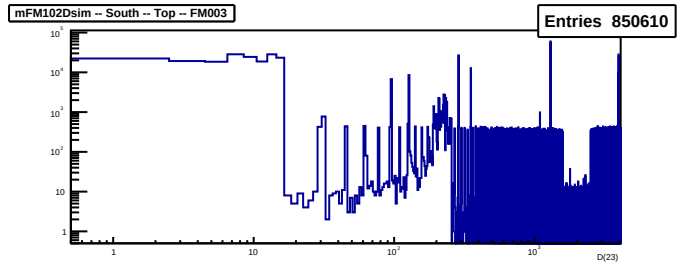

mFM102D -- South -- Top -- FM003
Entries 3343028
D(23)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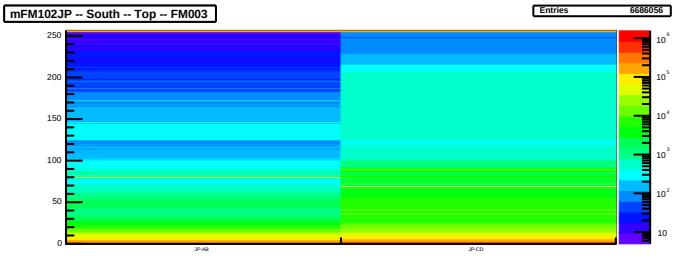
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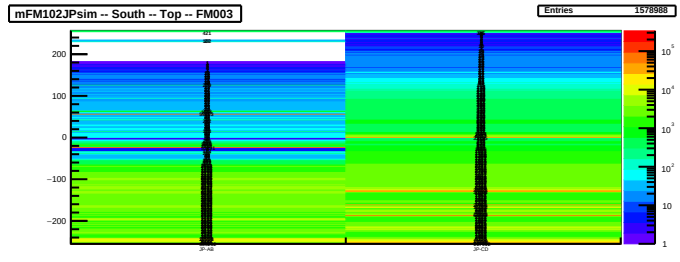
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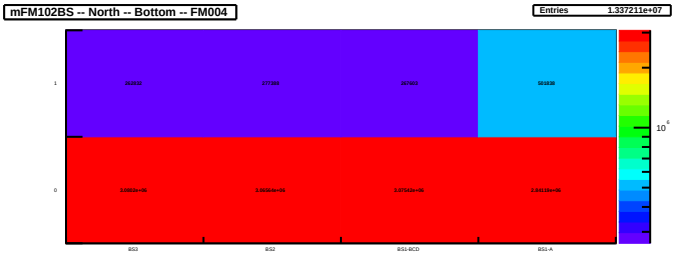
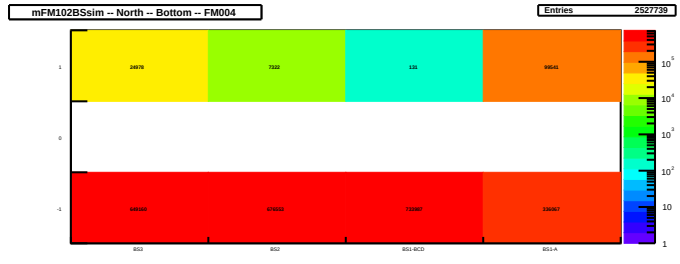

mFM102BS -- North -- Bottom -- FM004
Entries 1.337211e+07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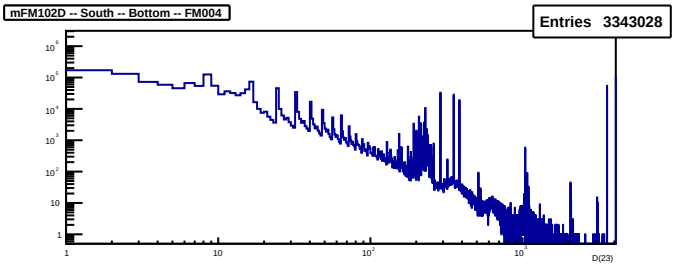
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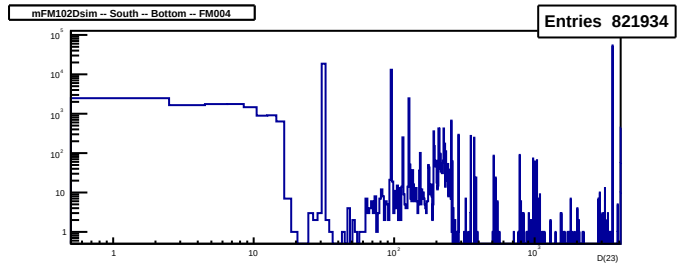
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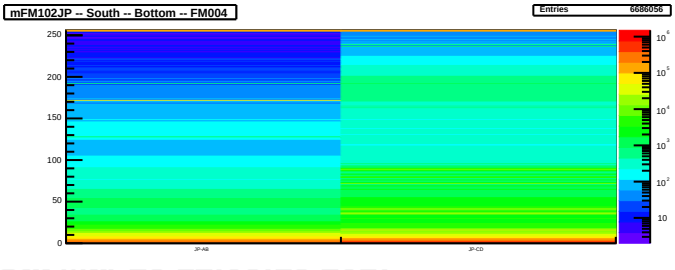
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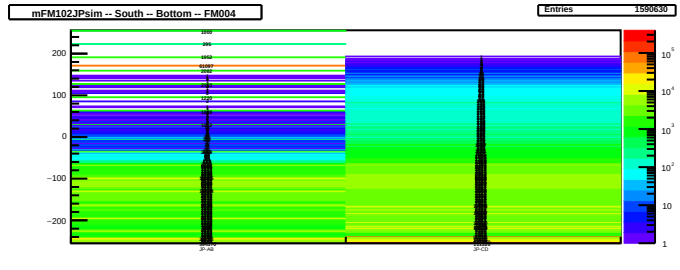
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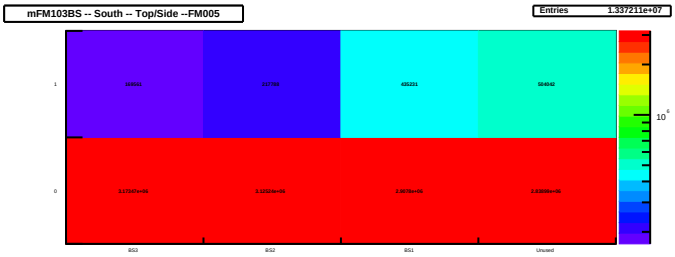
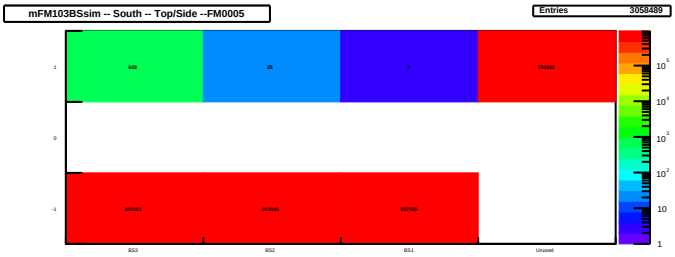

mFM103BS -- South -- Top/Side --FM005
Entries 1.337211e+07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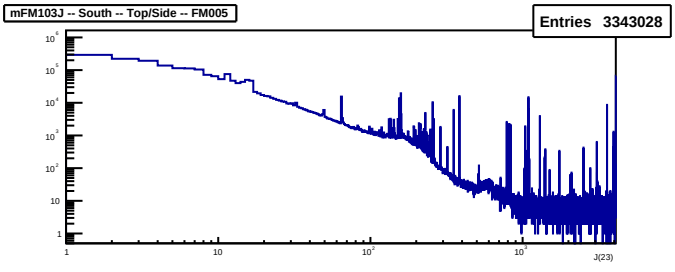
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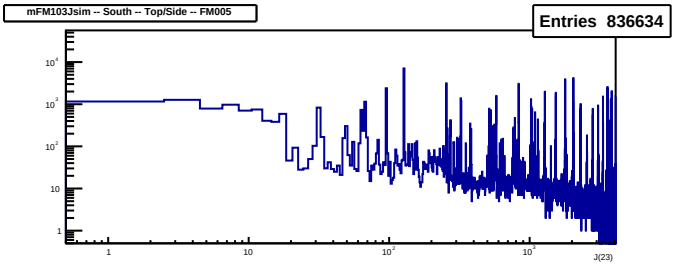
Entries 3343028
J(23)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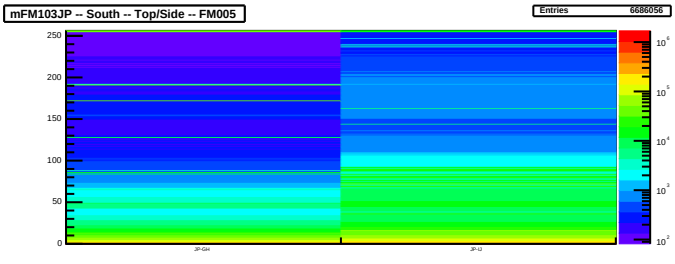
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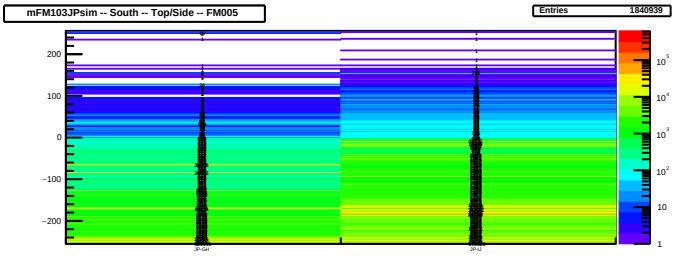
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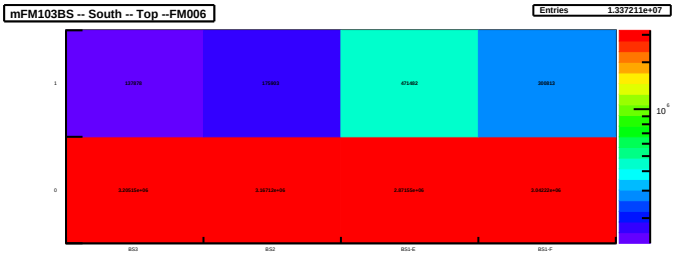
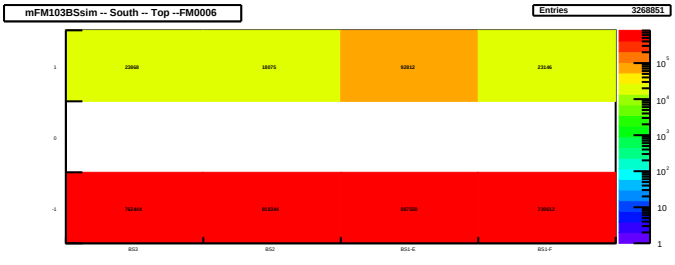

mFM103BS -- South -- Top --FM006
Entries 1.337211e+07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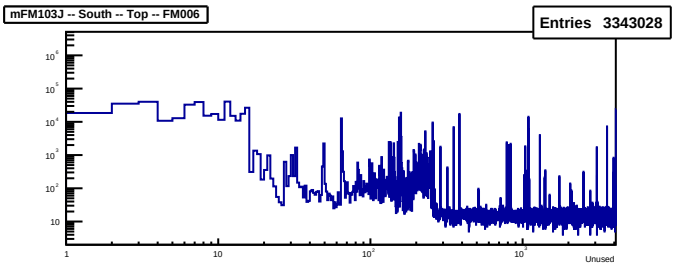
mFM103J -- South -- Top -- FM006
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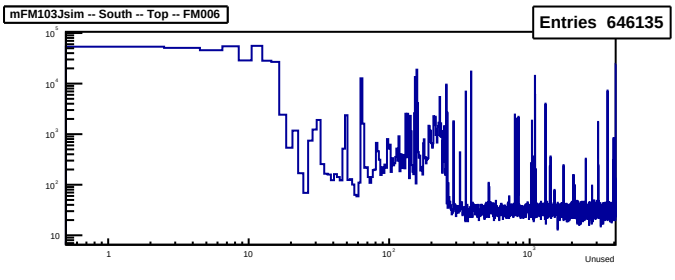
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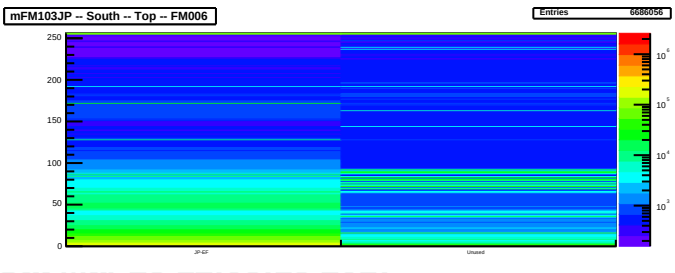
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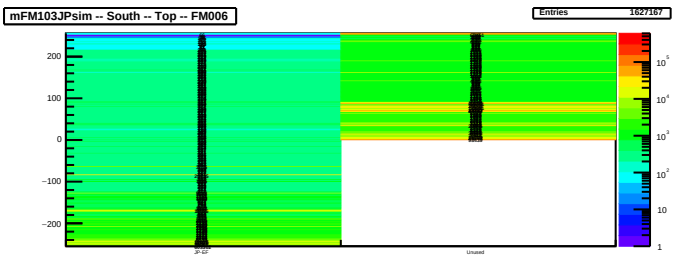
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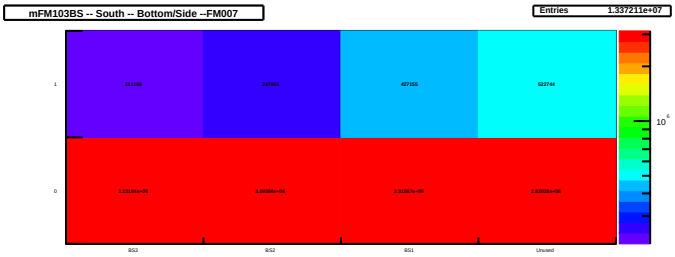
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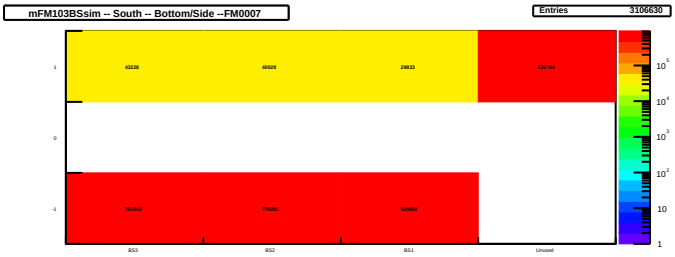
Entries 1.337211e+07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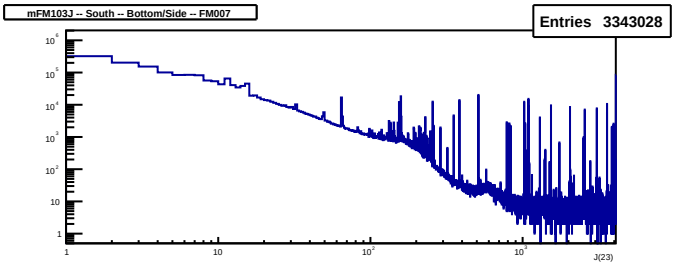
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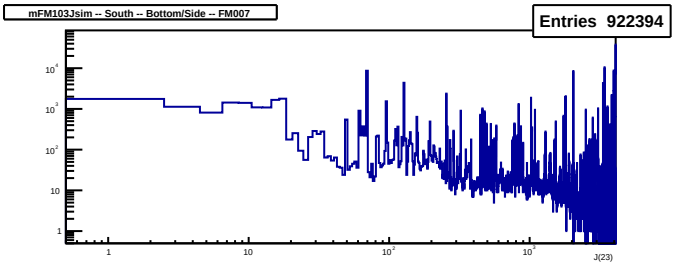
Entries 3343028
J(23)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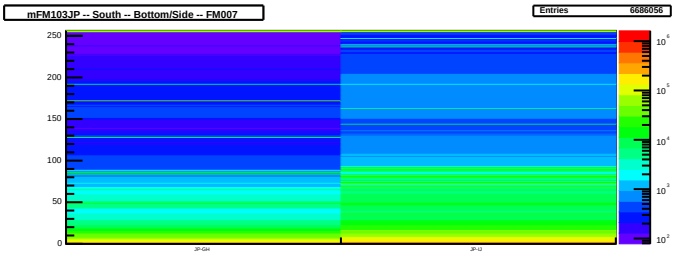
J(23)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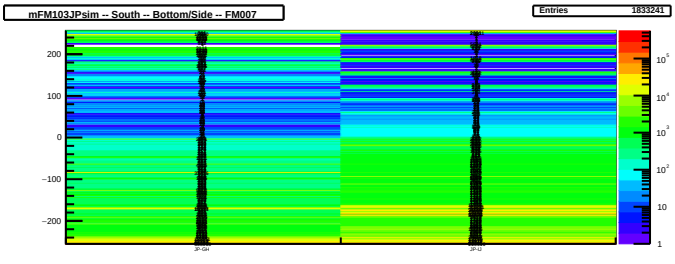
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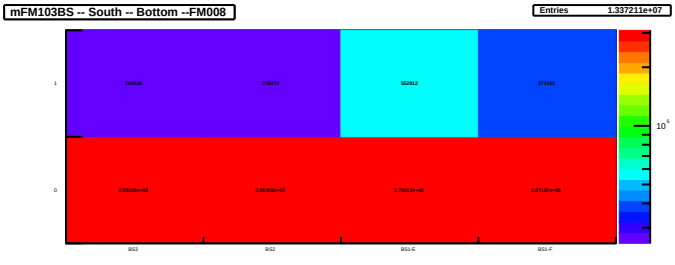
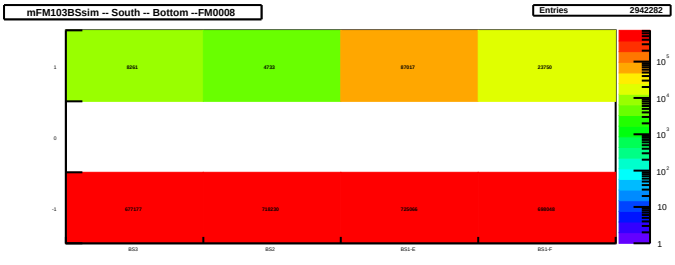

mFM103BS -- South -- Bottom --FM008
Entries 1.337211e+07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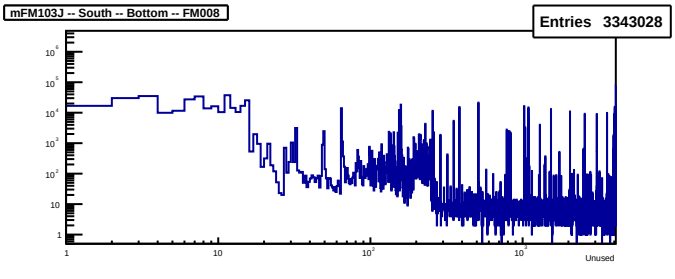
mFM103J -- South -- Bottom -- FM008
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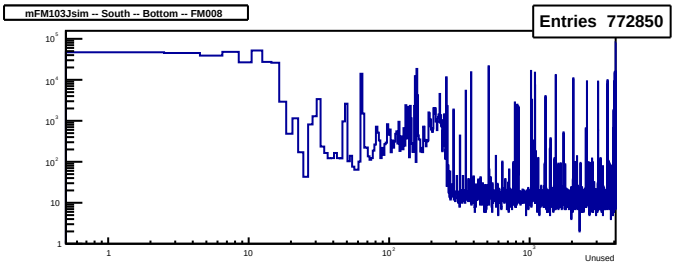
mFM103Jsim -- South -- Bottom -- FM008
Entries 772850
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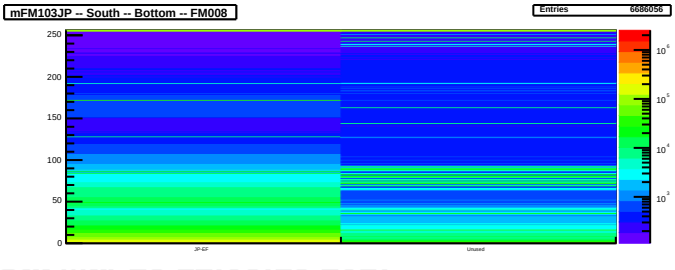
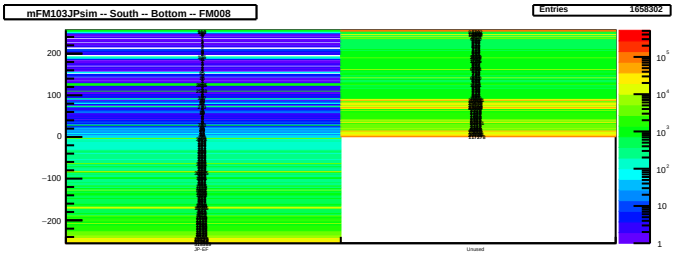

mFM103JP -- South -- Bottom -- FM008
Entries 6686056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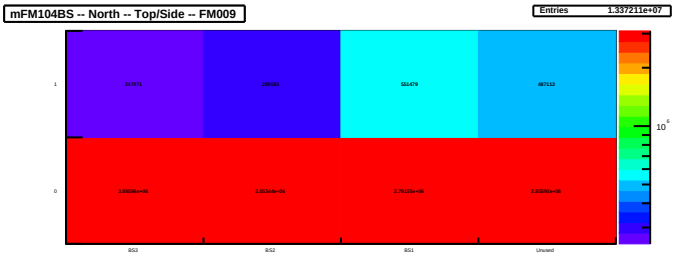
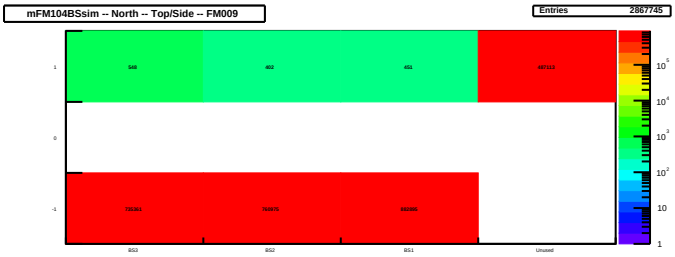
Entries 1658302


mFM104BS -- North -- Top/Side -- FM009
Entries 1.337211e+07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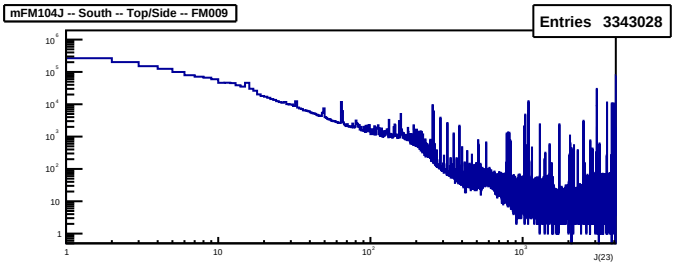
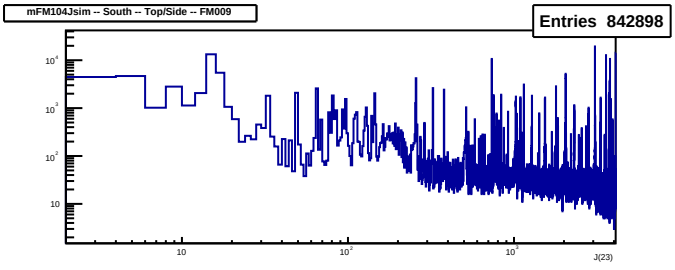
Entries 2867745


mFM104J -- South -- Top/Side -- FM009
Entries 3343028
J(23)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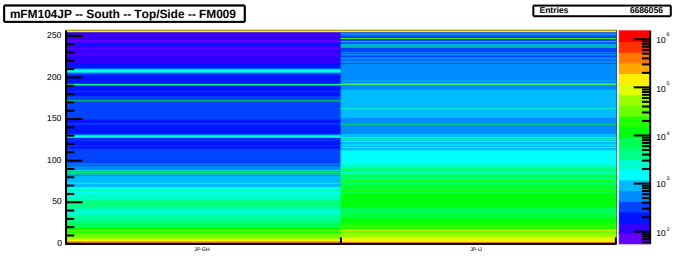
Entries 842898
J(23)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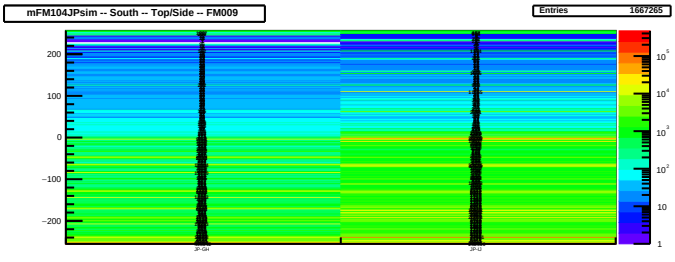
Entries 6686056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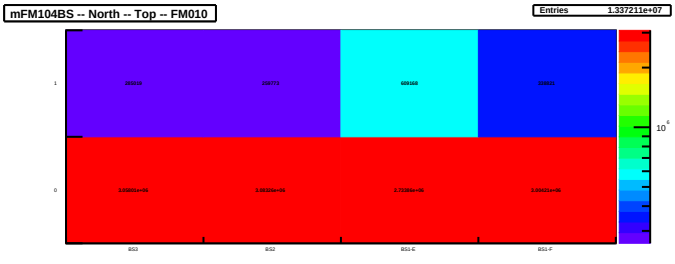
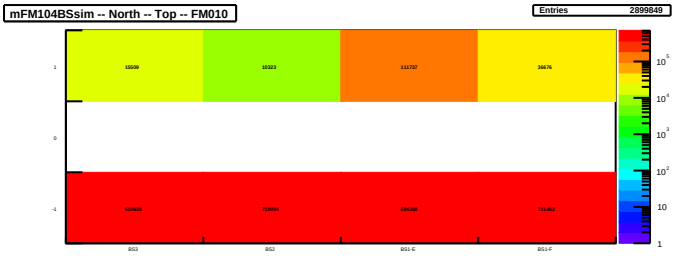
Entries 1667265


mFM104BS -- North -- Top -- FM010
Entries 1.337211e+07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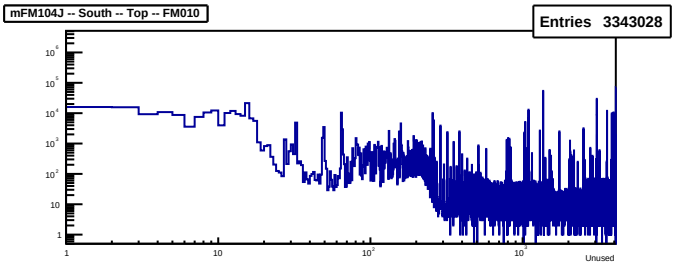
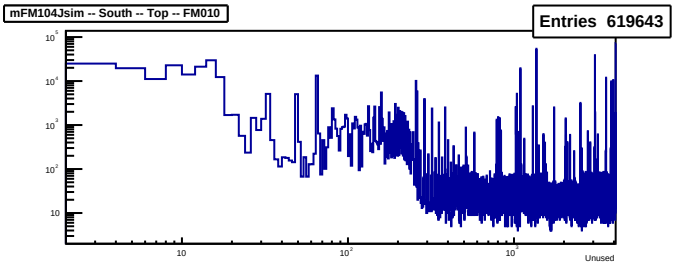

mFM104J -- South -- Top -- FM010
Entries 3343028
Unused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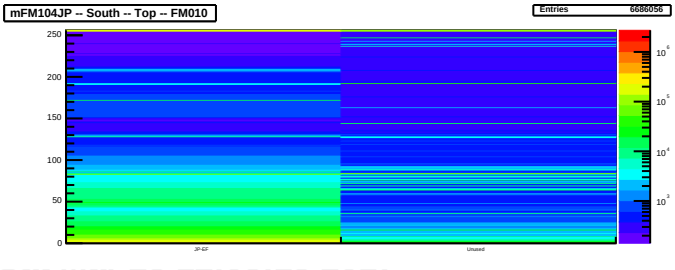
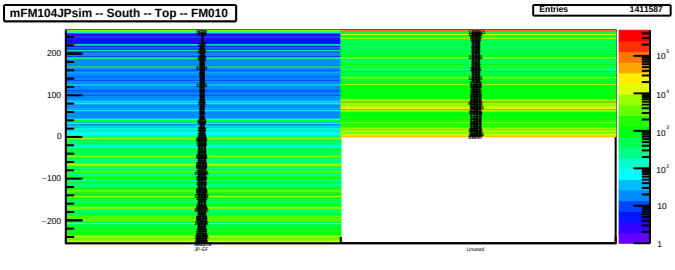
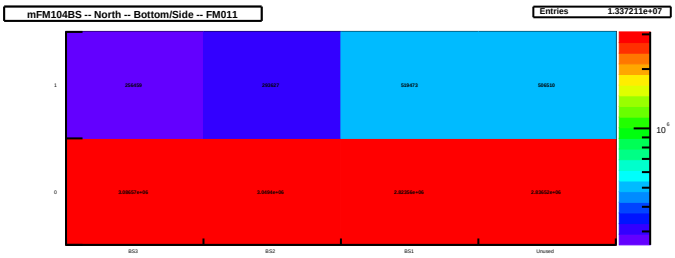
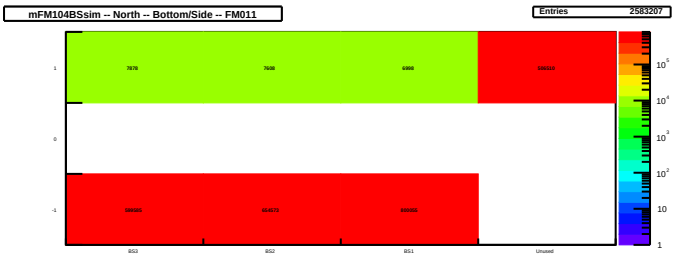
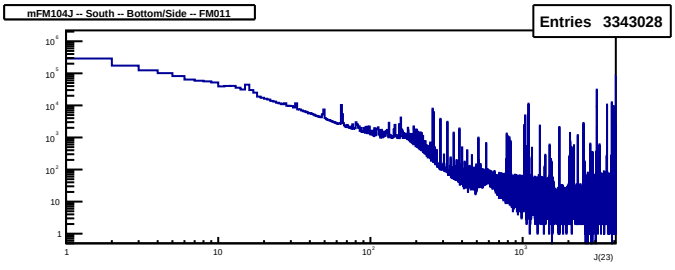
Entries 619643
Unused

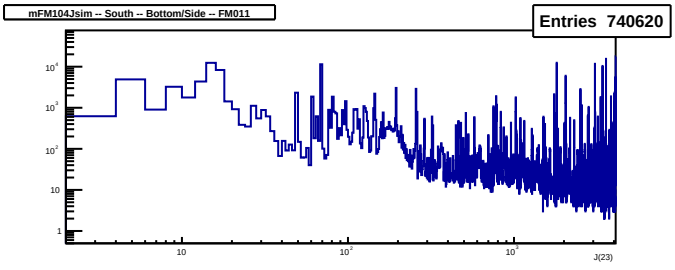

mFM104JP -- South -- Top -- FM010
Entries 6686056

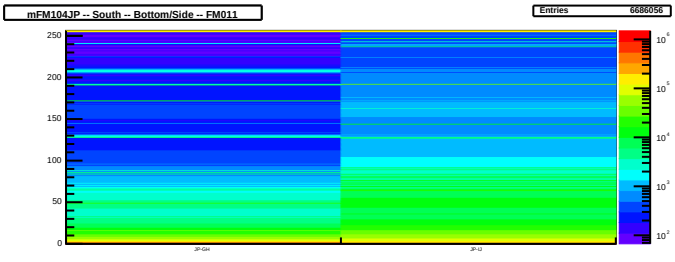

mFM104JPsim -- South -- Top -- FM010
Entries 1411587


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.337211e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2583207


mFM104J -- South -- Bottom/Side -- FM011
Entries 3343028
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 740620
J(23)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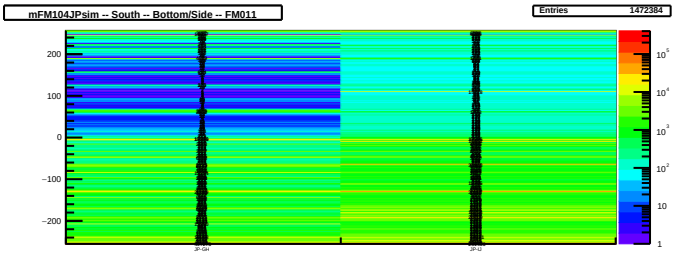
Entries 6686056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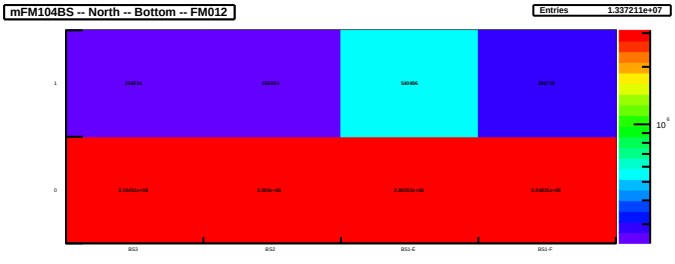
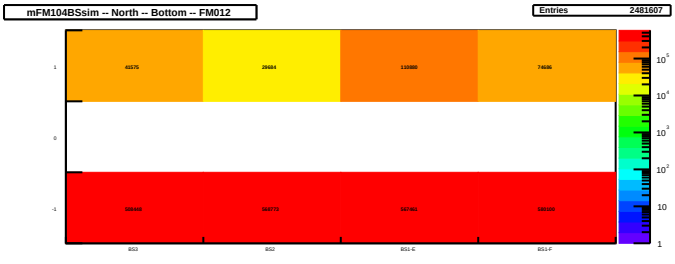
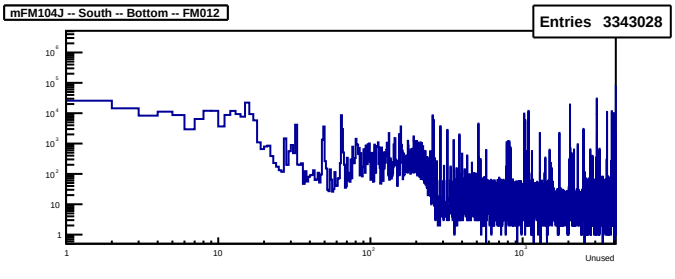
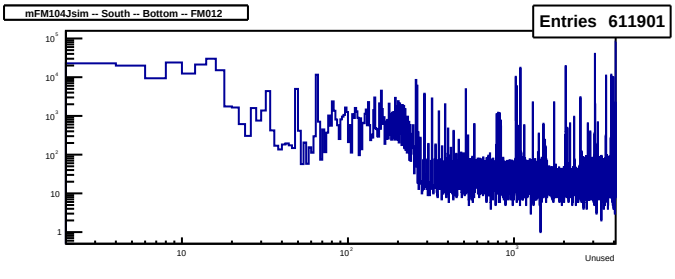
Entries 1472384


mFM104BS -- North -- Bottom -- FM012
Entries 1.337211e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 2481607


mFM104J -- South -- Bottom -- FM012
Entries 3343028
Unused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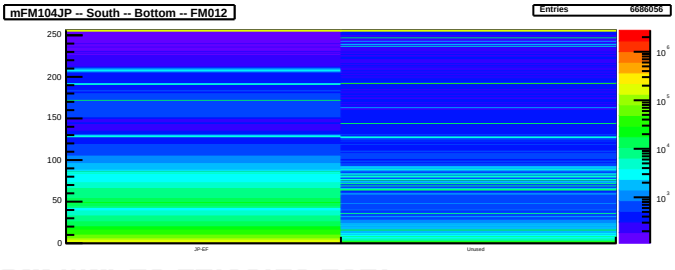
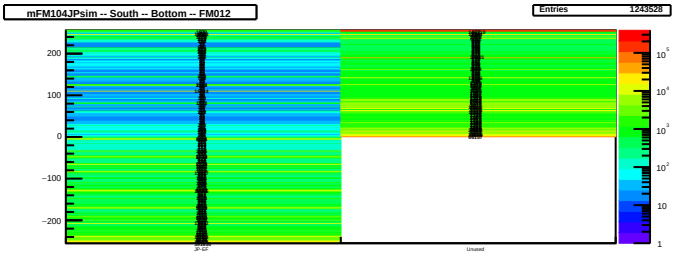
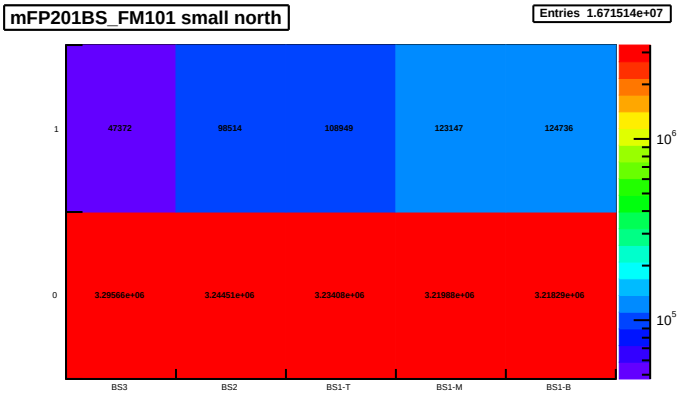
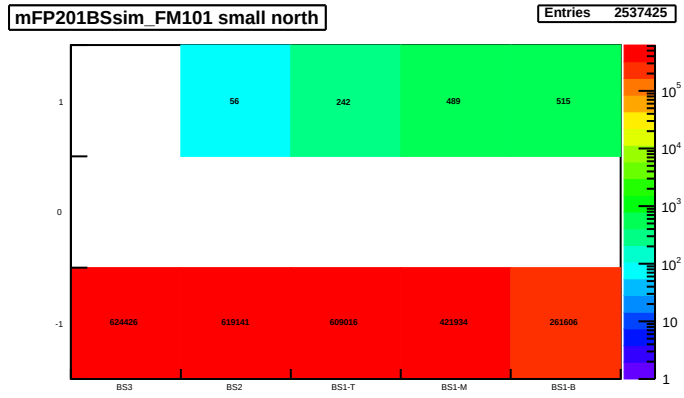
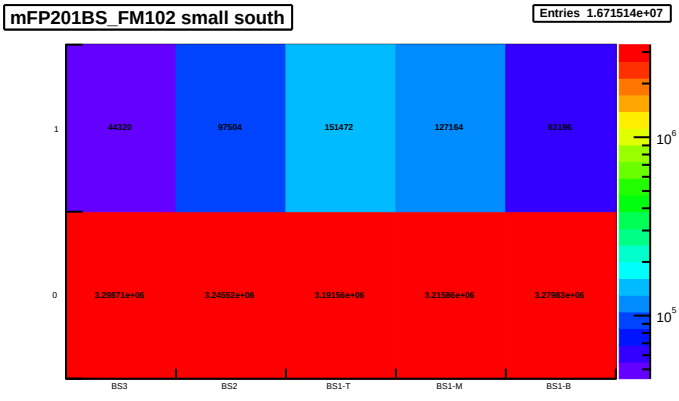
Entries 611901
Unused

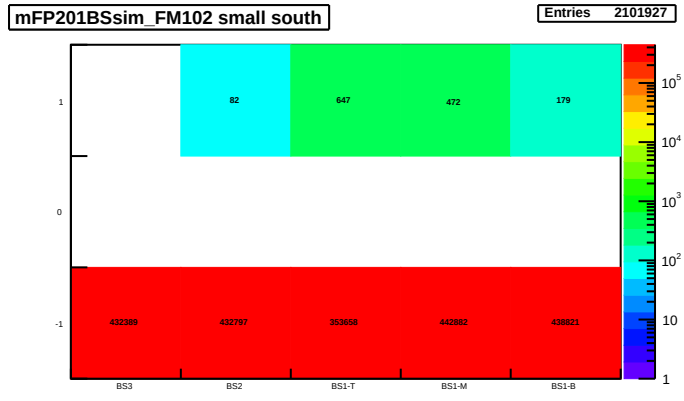

mFM104JP -- South -- Bottom -- FM012
Entries 6686056

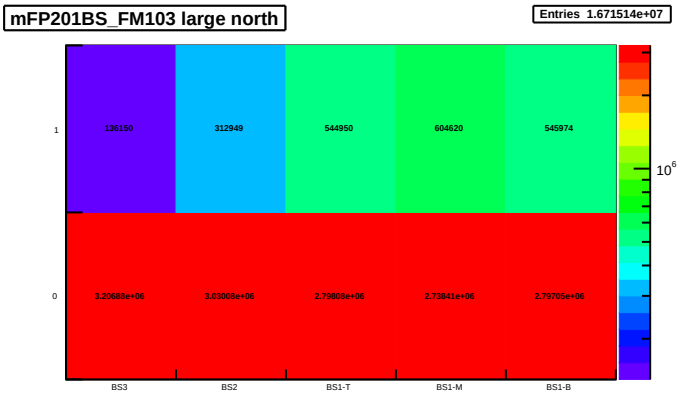

mFM104JPsim -- South -- Bottom -- FM012
Entries 1243528

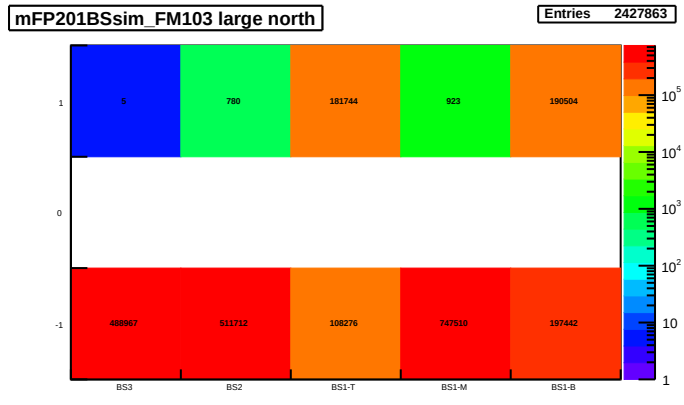

mFP201BS_FM101 small north
Entries 1.671514e+07
47372
98514
108949
123147
124736
3.29566e+06
3.24451e+06
3.23408e+06
3.21988e+06
3.21829e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

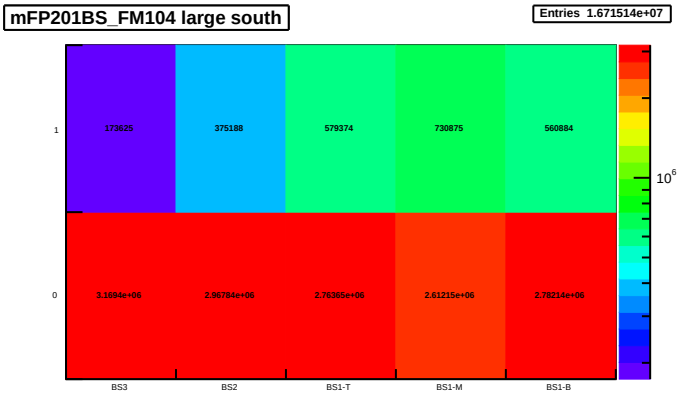

mFP201BSsim_FM101 small north
Entries 2537425
56
242
489
515
624426
619141
609016
421934
261606
BS3
BS2
BS1-T
BS1-M
BS1-B

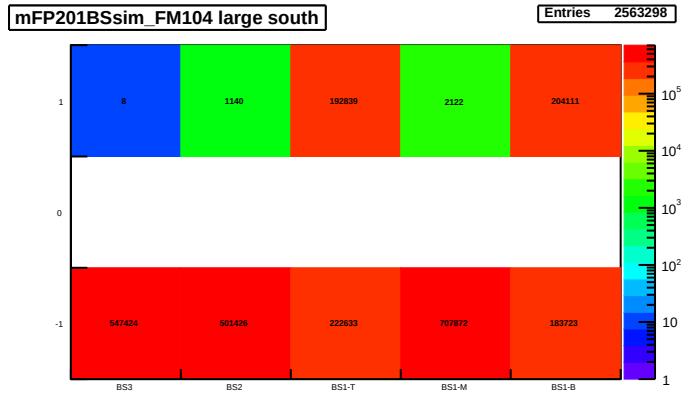

mFP201BS_FM102 small south
Entries 1.671514e+07
44320
97504
151472
127164
63196
3.29871e+06
3.24552e+06
3.19156e+06
3.21586e+06
3.27983e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

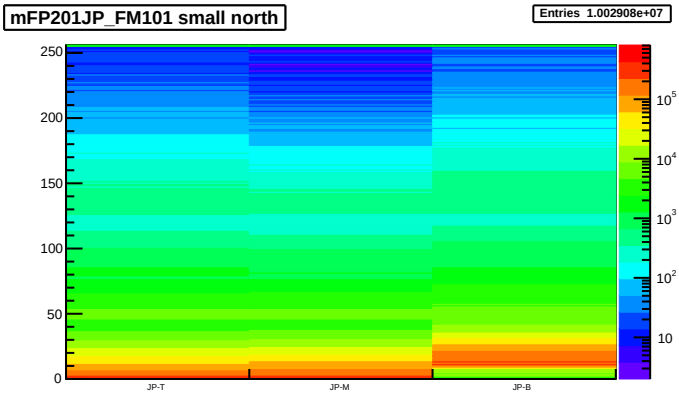

mFP201BSsim_FM102 small south
Entries 2101927
82
647
472
179
432389
432797
353658
442882
438821
BS3
BS2
BS1-T
BS1-M
BS1-B

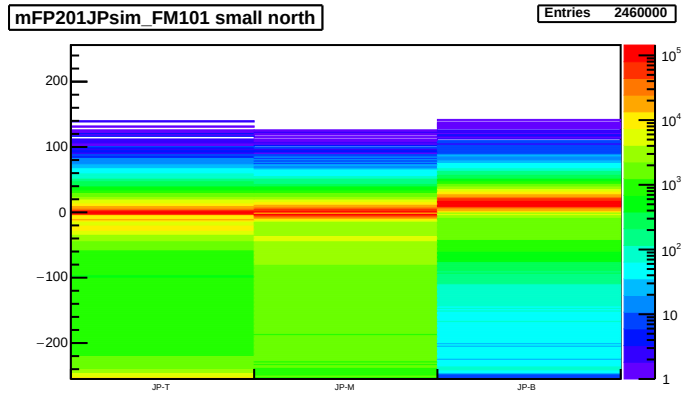

mFP201BS_FM103 large north
Entries 1.671514e+07
136150
312949
544950
604620
545974
3.20688e+06
3.03008e+06
2.79808e+06
2.73841e+06
2.79705e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

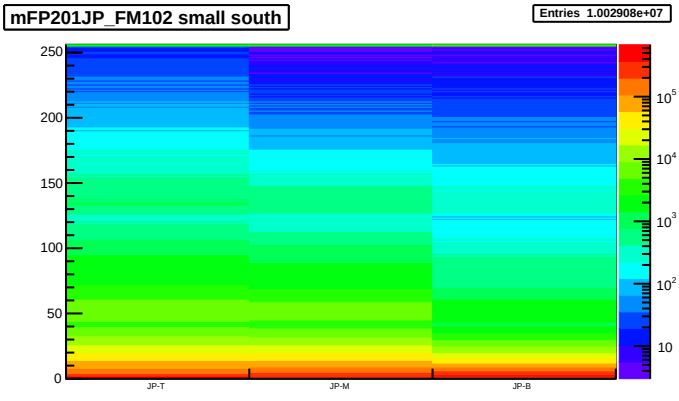

mFP201BSsim_FM103 large north
Entries 2427863
5
780
181744
923
190504
488967
511712
108276
747510
197442
BS3
BS2
BS1-T
BS1-M
BS1-B

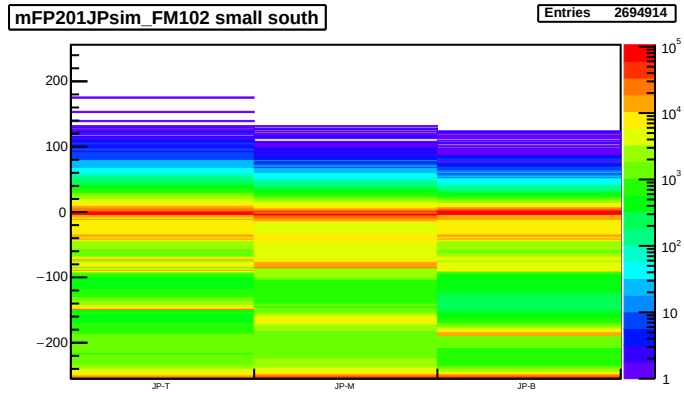

mFP201BS_FM104 large south
Entries 1.671514e+07
173625
375188
579374
730875
560884
3.1694e+06
2.96784e+06
2.76365e+06
2.61215e+06
2.78214e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

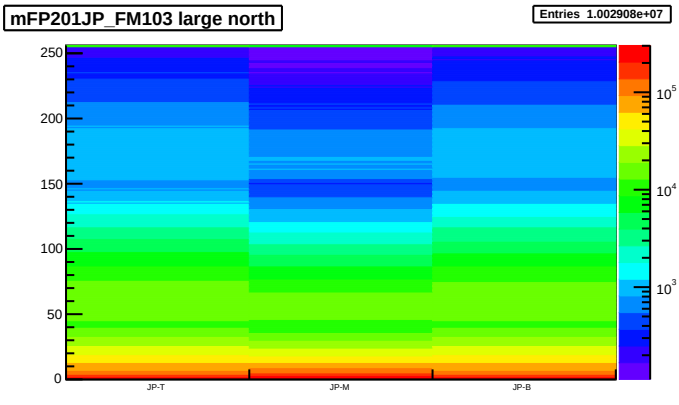

mFP201BSsim_FM104 large south
Entries 2563298
8
1140
192839
2122
204111
547424
501426
222633
707872
183723
BS3
BS2
BS1-T
BS1-M
BS1-B

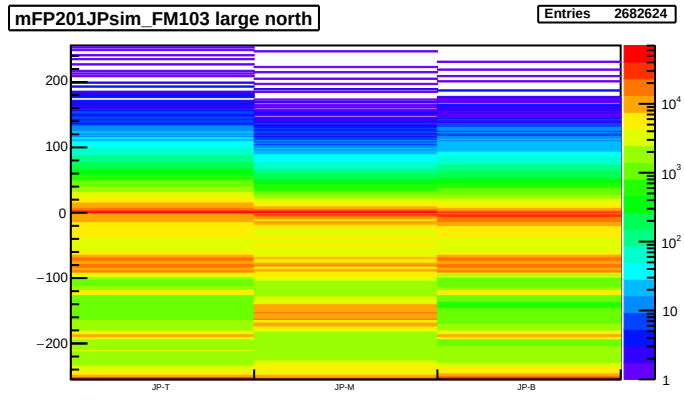

mFP201JP_FM101 small north
Entries 1.002908e+07
JP-T
JP-M
JP-B

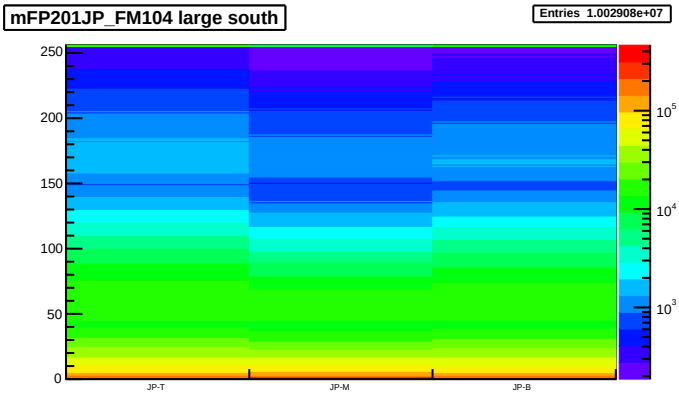

mFP201JPsim_FM101 small north
Entries 2460000
JP-T
JP-M
JP-B

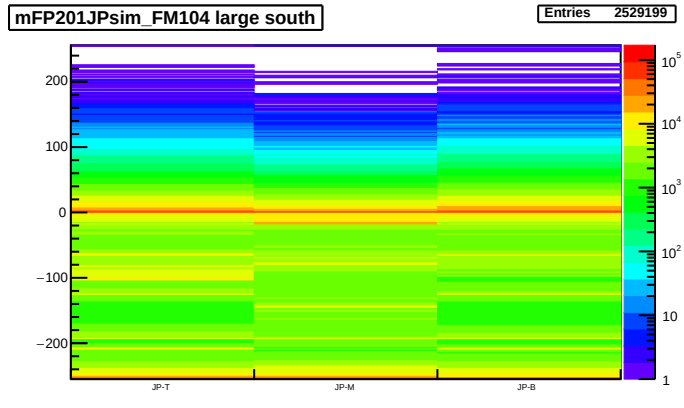

mFP201JP_FM102 small south
Entries 1.002908e+07
JP-T
JP-M
JP-B

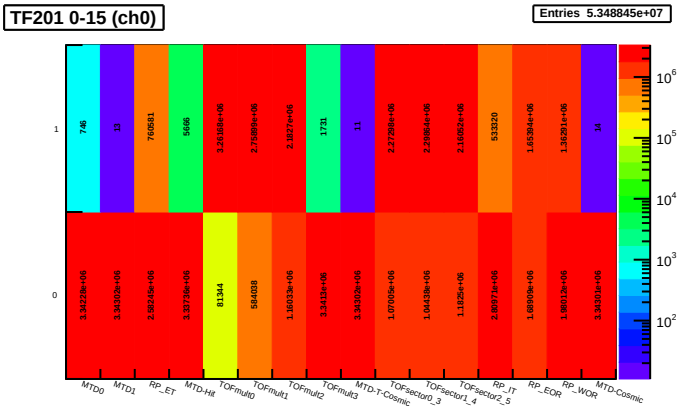

mFP201JPsim_FM102 small south
Entries 2694914
JP-T
JP-M
JP-B

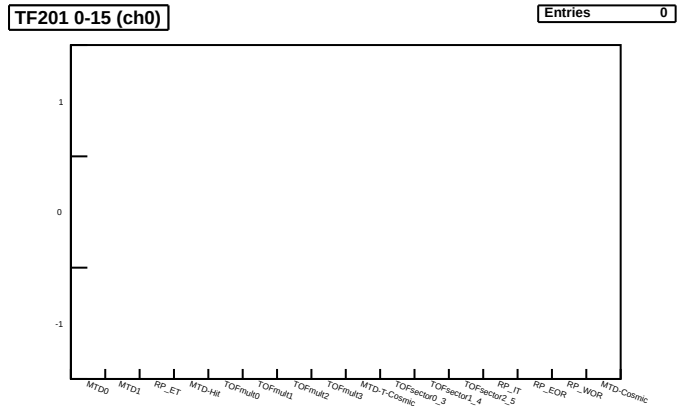

mFP201JP_FM103 large north
Entries 1.002908e+07
JP-T
JP-M
JP-B

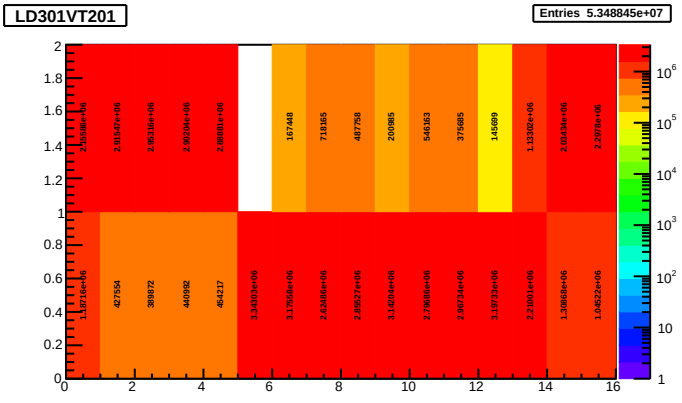

mFP201JPsim_FM103 large north
Entries 2682624
JP-T
JP-M
JP-B

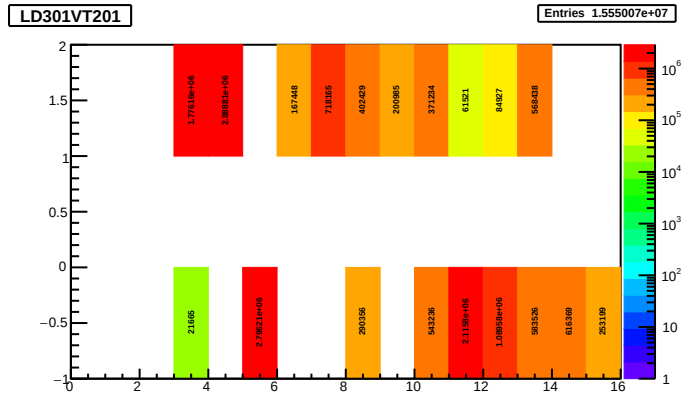

mFP201JP_FM104 large south
Entries 1.002908e+07
JP-T
JP-M
JP-B

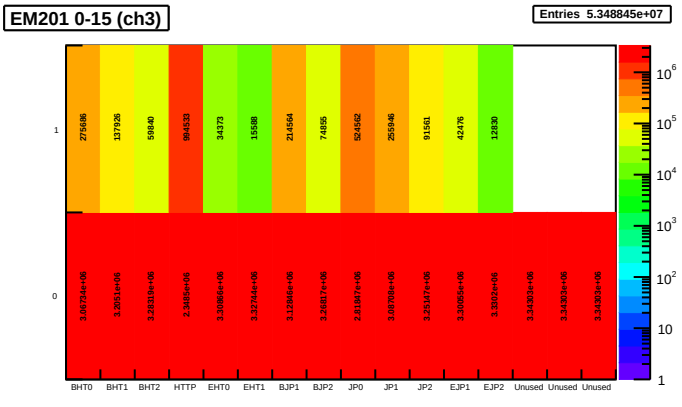

mFP201JPsim_FM104 large south
Entries 2529199
JP-T
JP-M
JP-B

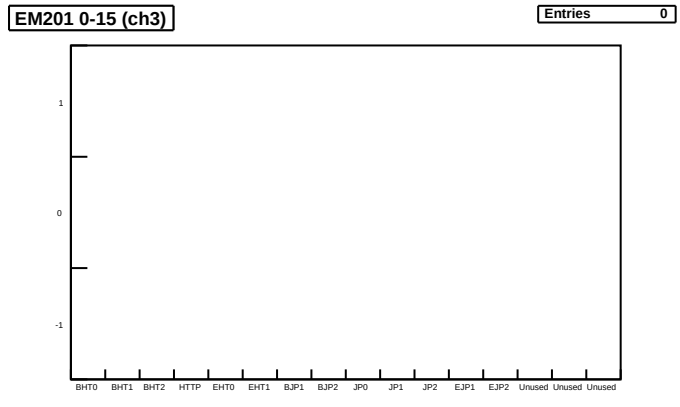

TF201 0-15 (ch0)
Entries 5.348845e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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 5.348845e+07


LD301VT201
Entries 1.555007e+07


EM201 0-15 (ch3)
Entries 5.348845e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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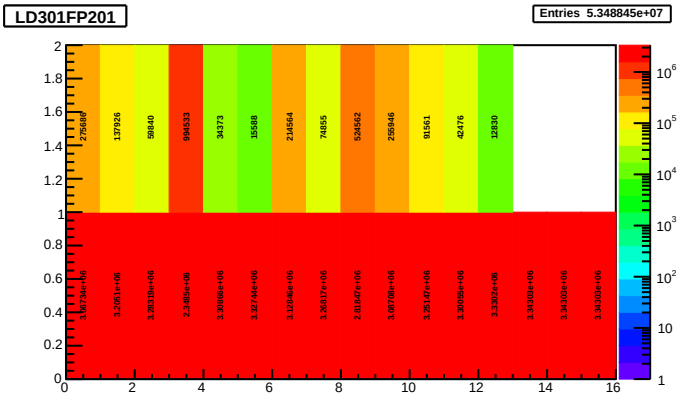
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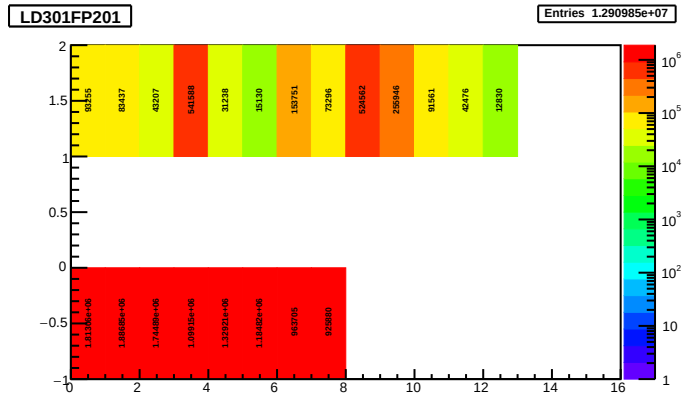
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