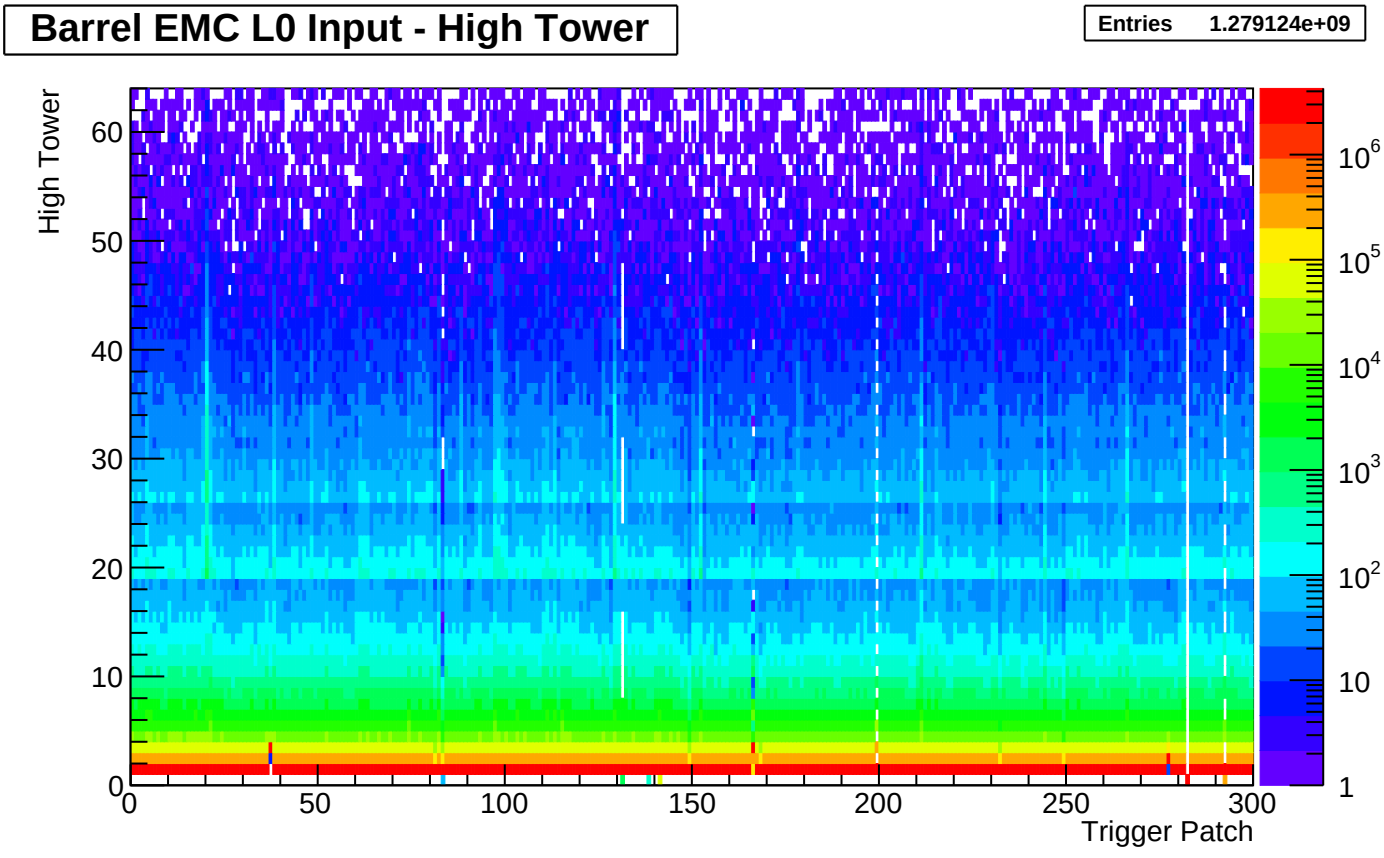
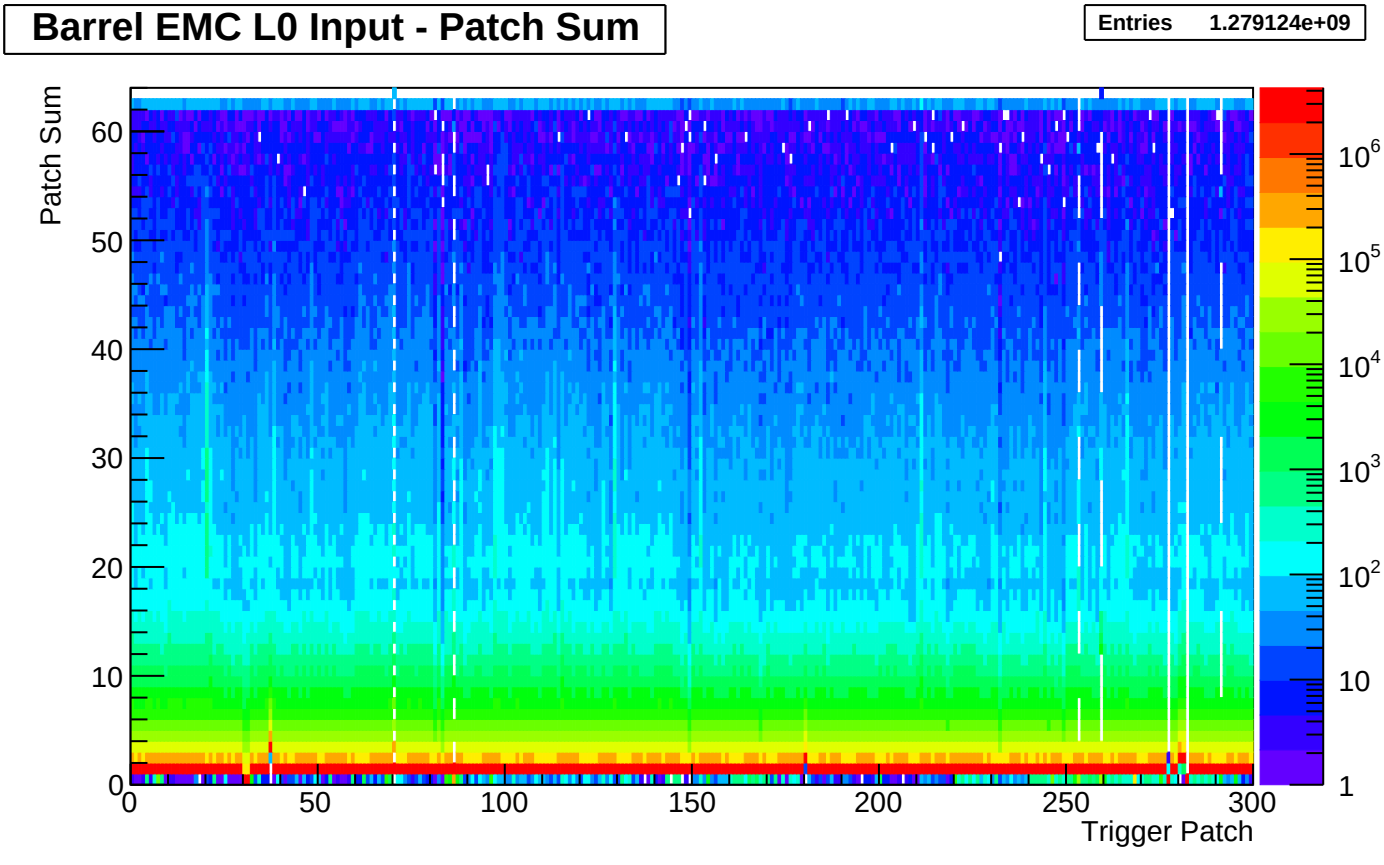
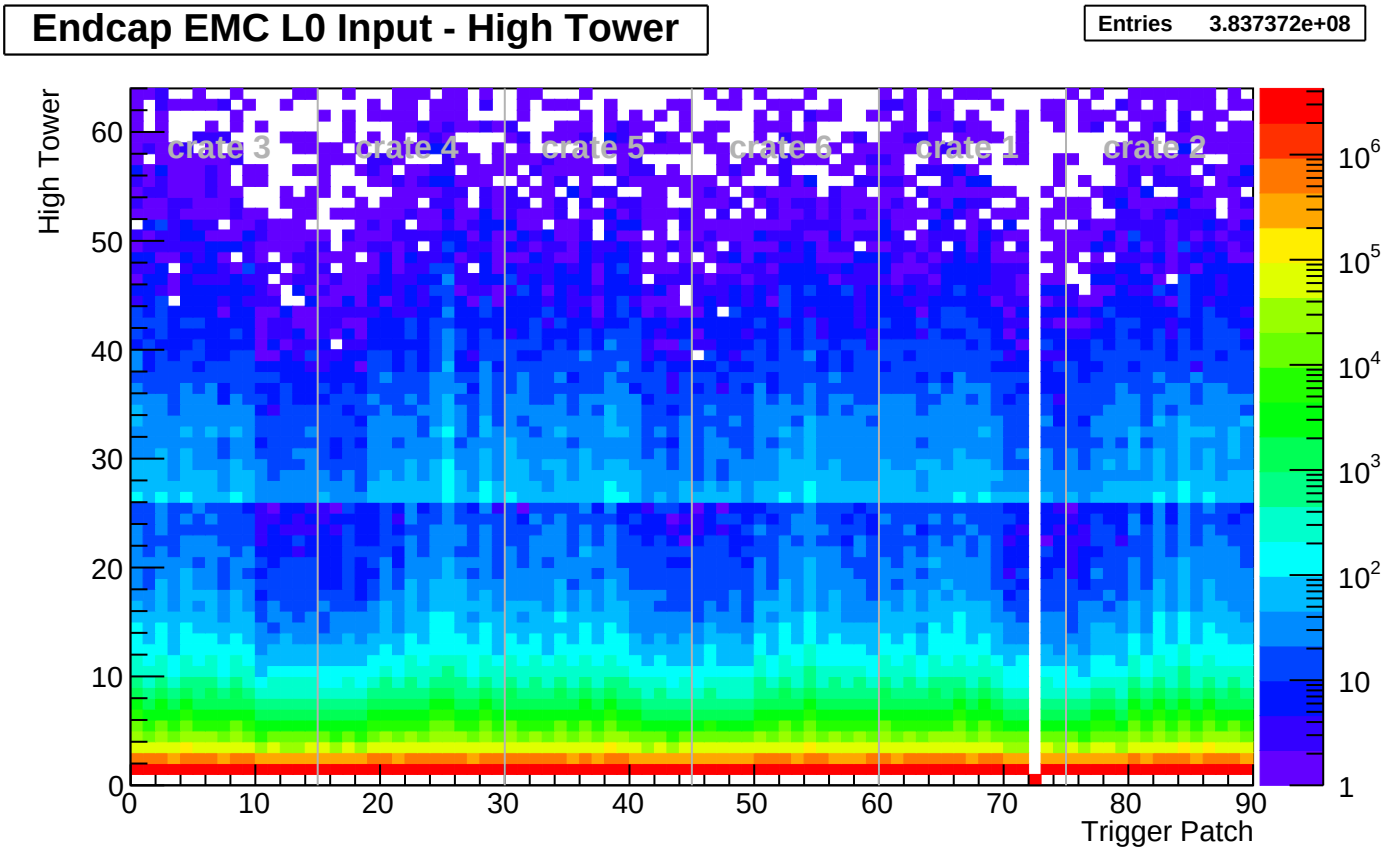
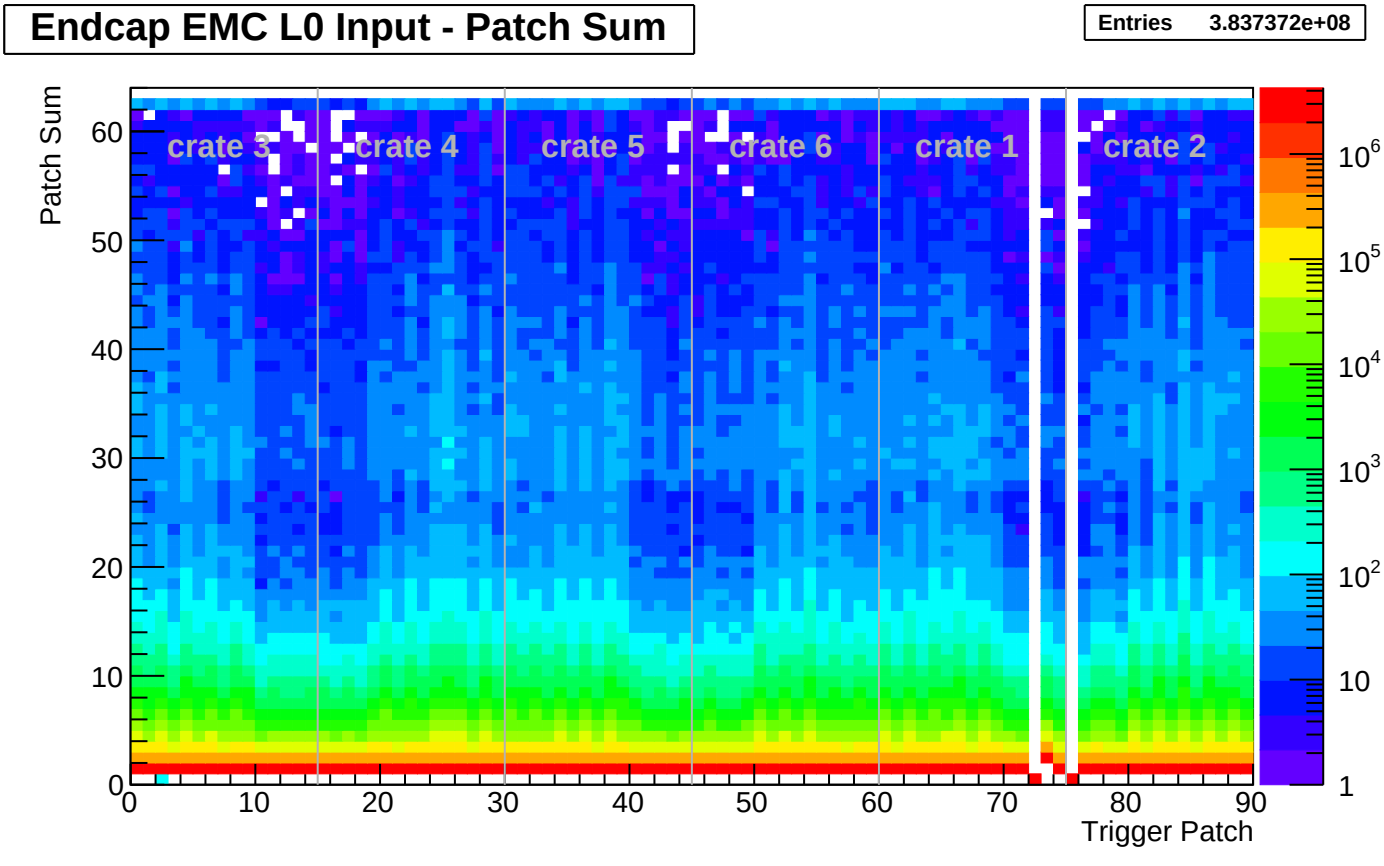
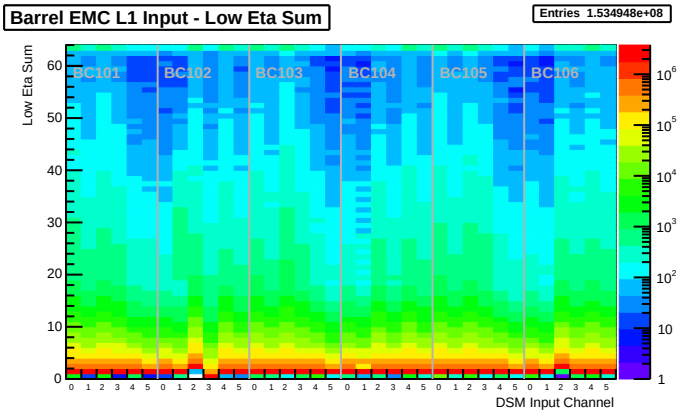
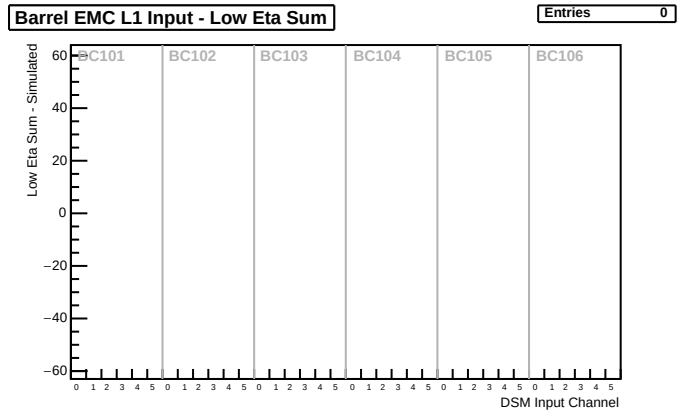

Barrel EMC L0 Input - High Tower
Entries 1.279124e+09
High Tower
Trigger Patch

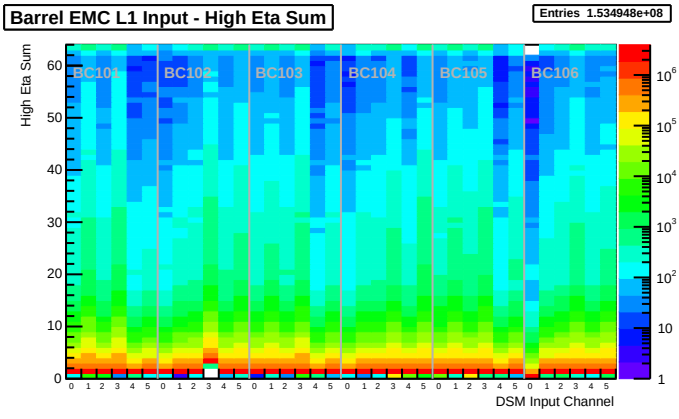

Barrel EMC L0 Input - Patch Sum
Entries 1.279124e+09
Patch Sum
Trigger Patch

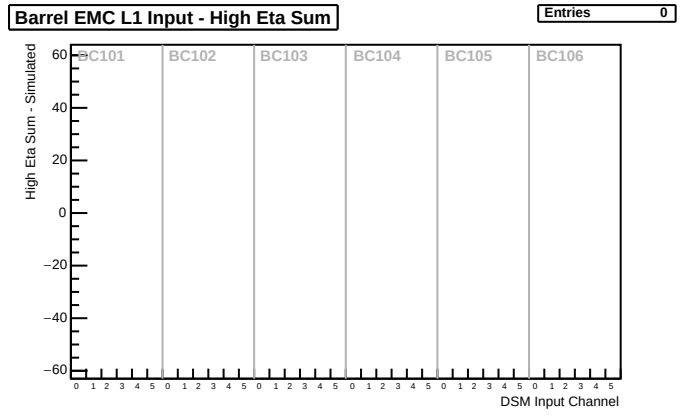

Endcap EMC L0 Input - High Tower
Entries 3.837372e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

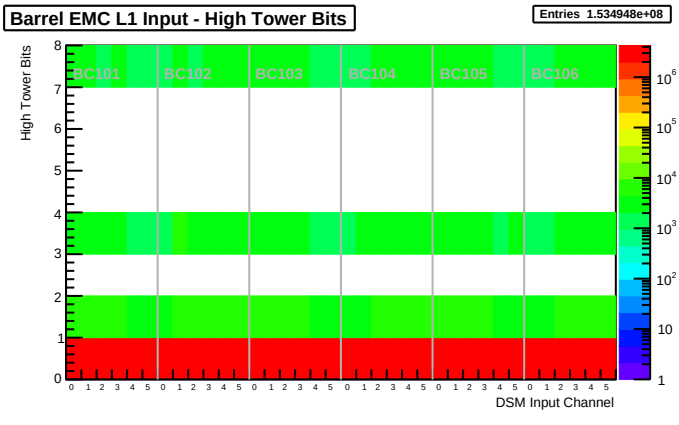

Endcap EMC L0 Input - Patch Sum
Entries 3.837372e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

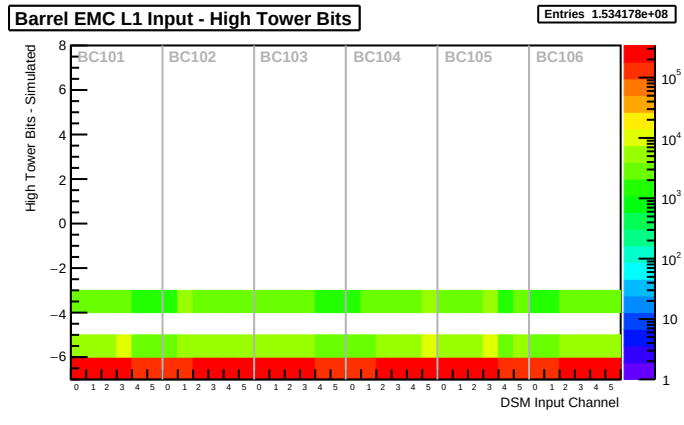

Barrel EMC L1 Input - Low Eta Sum
Entries 1.534948e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

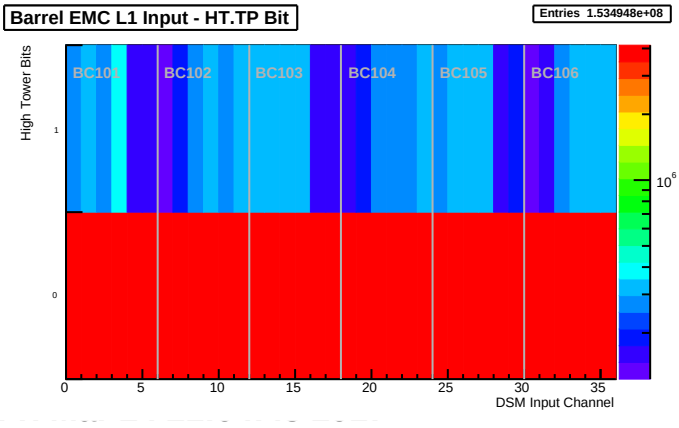

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

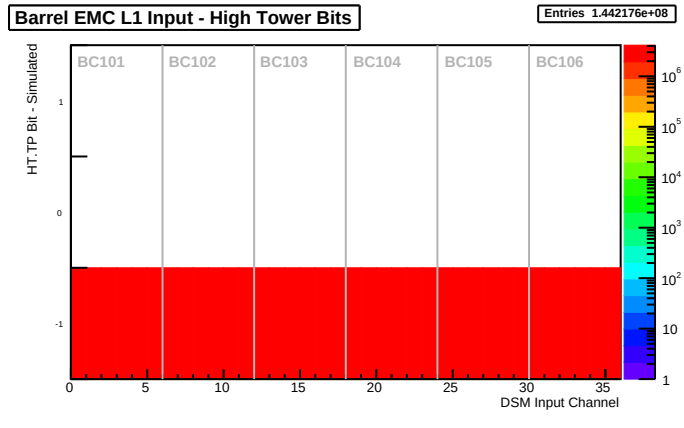

Barrel EMC L1 Input - High Eta Sum
Entries 1.534948e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

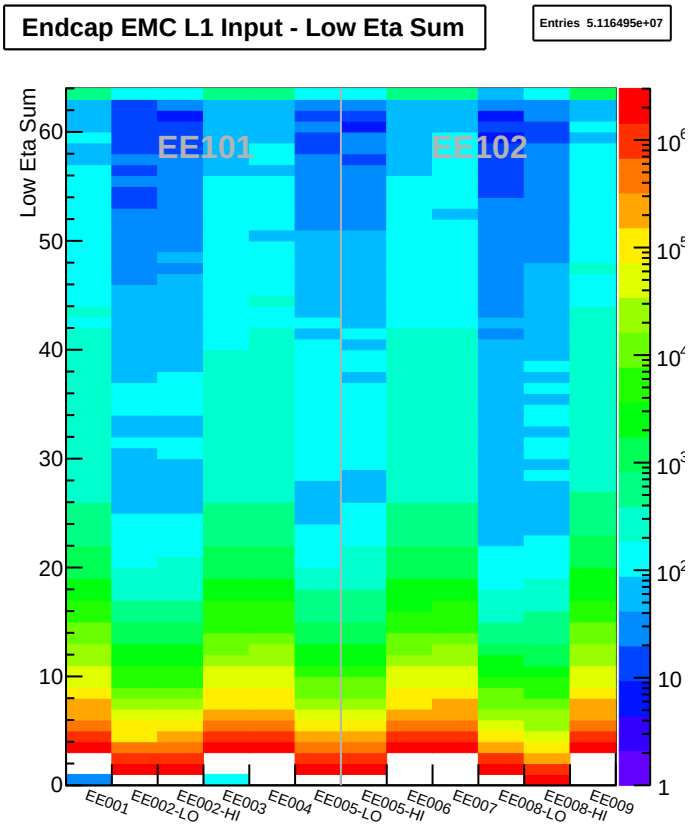

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

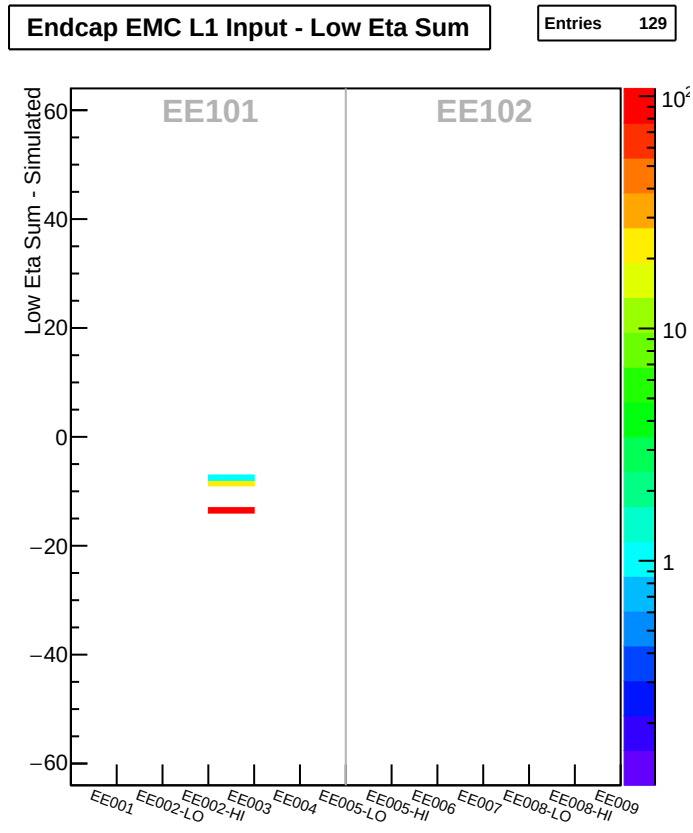

Barrel EMC L1 Input - High Tower Bits
Entries 1.534948e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

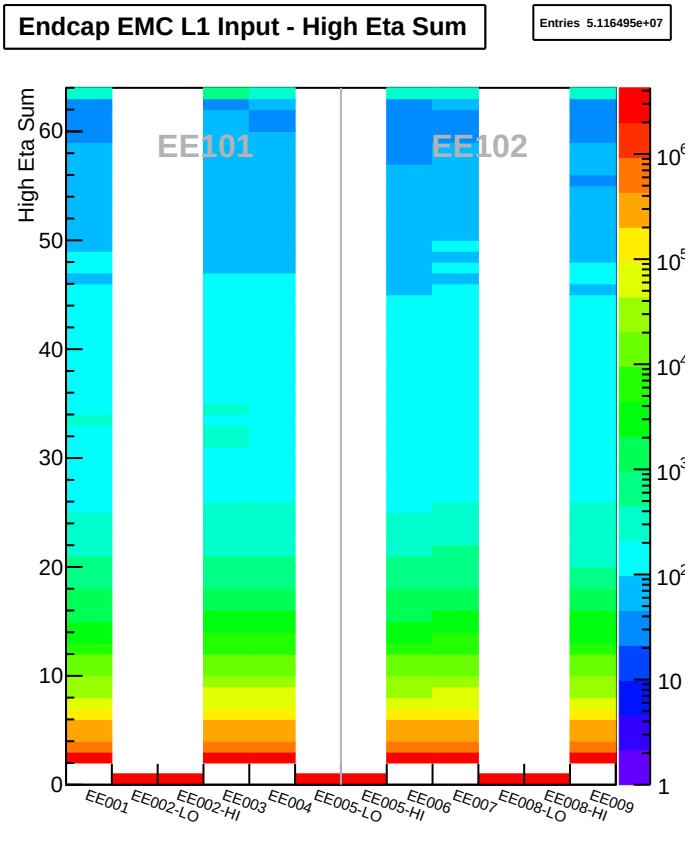

Barrel EMC L1 Input - High Tower Bits
Entries 1.534178e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

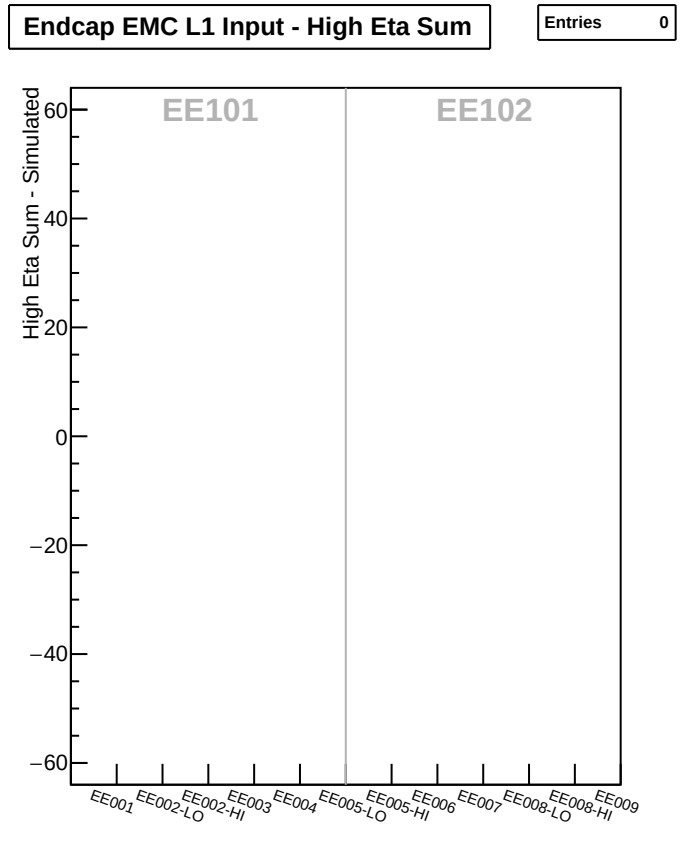

Barrel EMC L1 Input - HT.TP Bit
Entries 1.534948e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

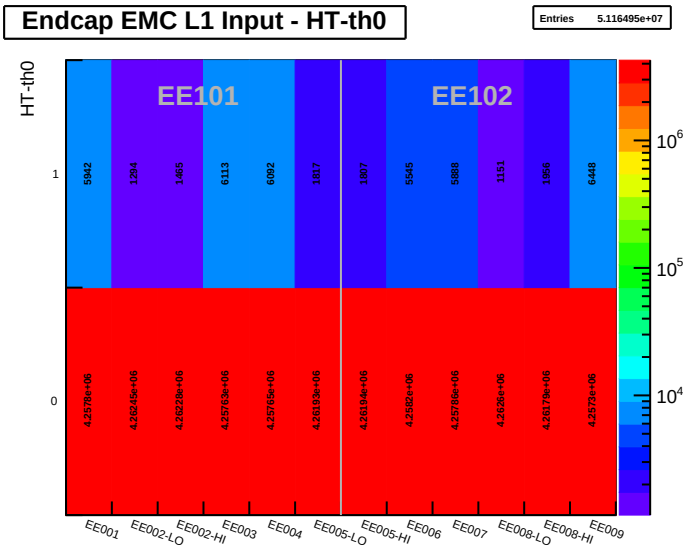

Barrel EMC L1 Input - High Tower Bits
Entries 1.442176e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

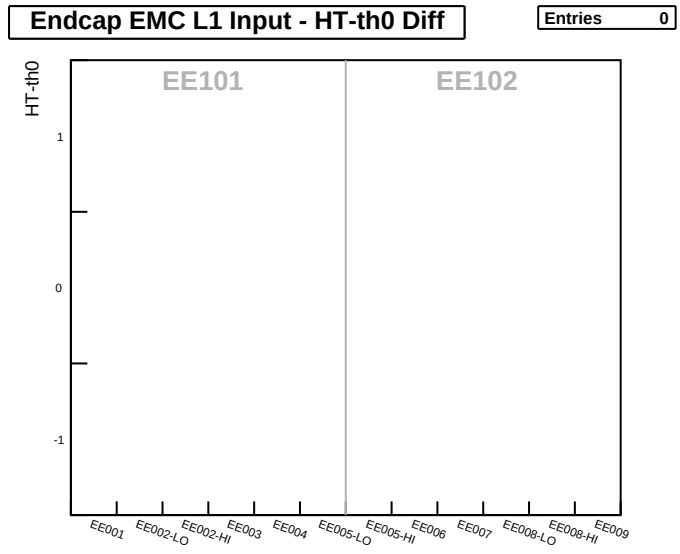

Endcap EMC L1 Input - Low Eta Sum
Entries 5.116495e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

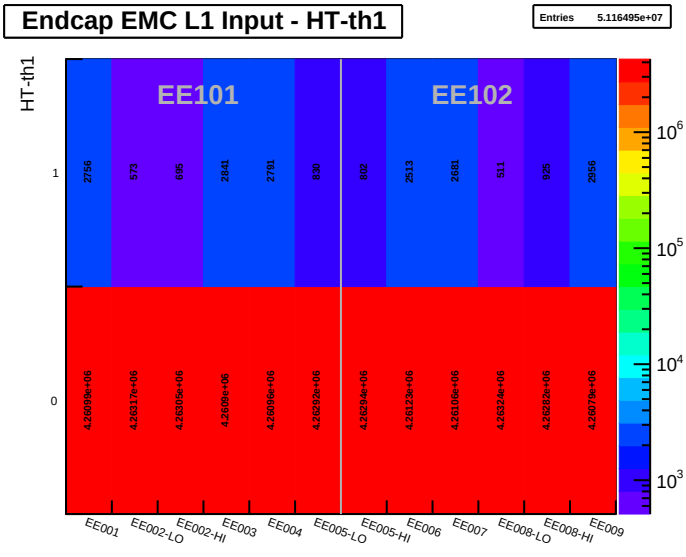

Endcap EMC L1 Input - Low Eta Sum
Entries 129
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

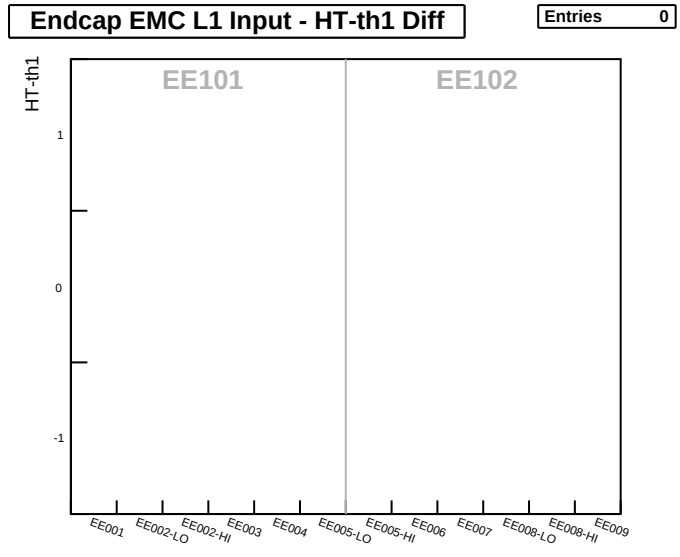

Endcap EMC L1 Input - High Eta Sum
Entries 5.116495e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

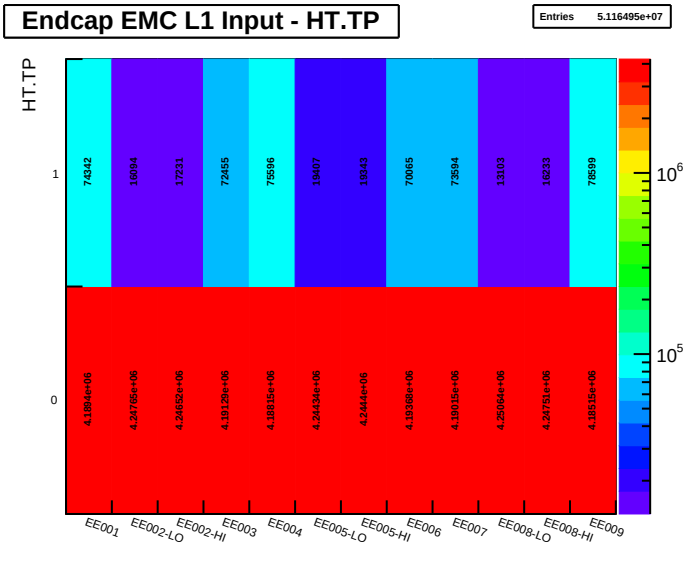

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

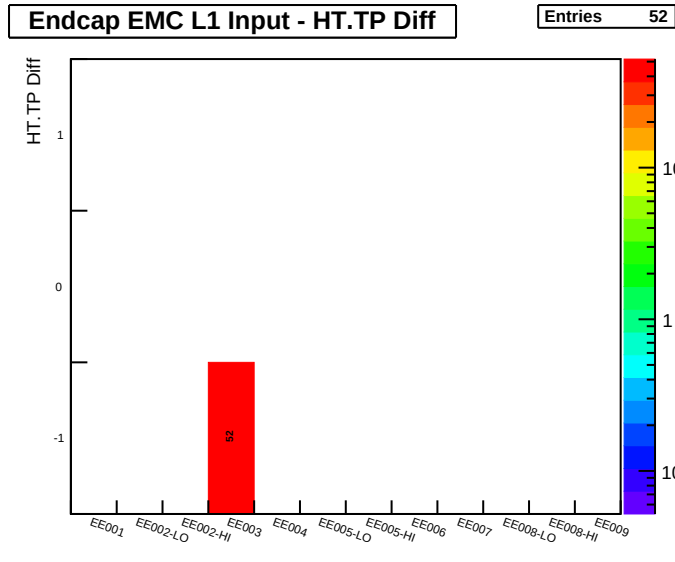

Endcap EMC L1 Input - HT-th0
Entries 5.116495e+07
HT-th0
EE101
EE102
1
0
5942
1294
1465
6113
6092
1817
1807
5545
5888
1151
1566
6448
4.25784e+06
4.26245e+06
4.26228e+06
4.25763e+06
4.25765e+06
4.26193e+06
4.26194e+06
4.25826e+06
4.25786e+06
4.26326e+06
4.26179e+06
4.25736e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

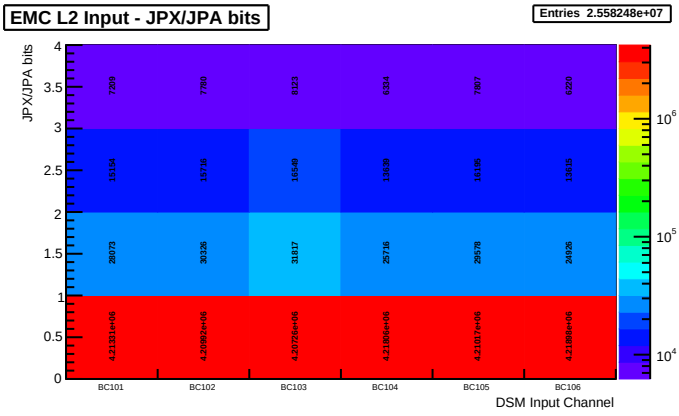

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

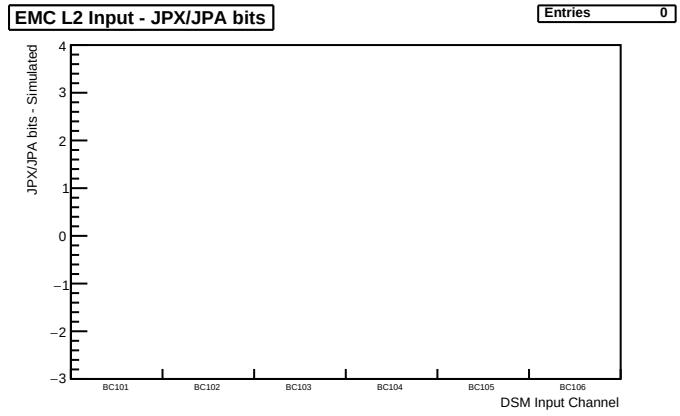

Endcap EMC L1 Input - HT-th1
Entries 5.116495e+07
HT-th1
EE101
EE102
1
0
2756
573
695
2841
2791
830
802
2513
2681
511
925
2956
4.26099e+06
4.26317e+06
4.26305e+06
4.26089e+06
4.26095e+06
4.26292e+06
4.26294e+06
4.26123e+06
4.26106e+06
4.26324e+06
4.26292e+06
4.26079e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

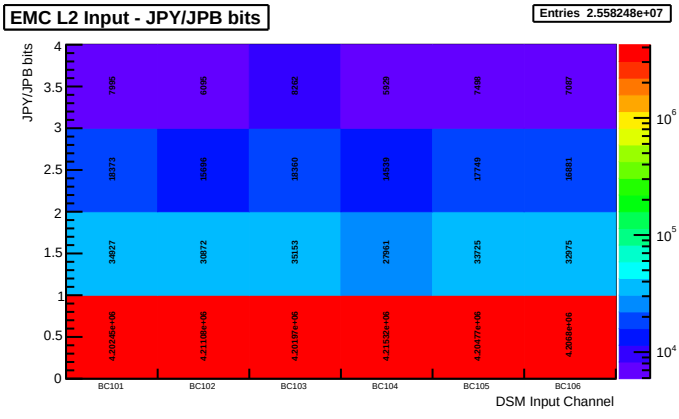

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

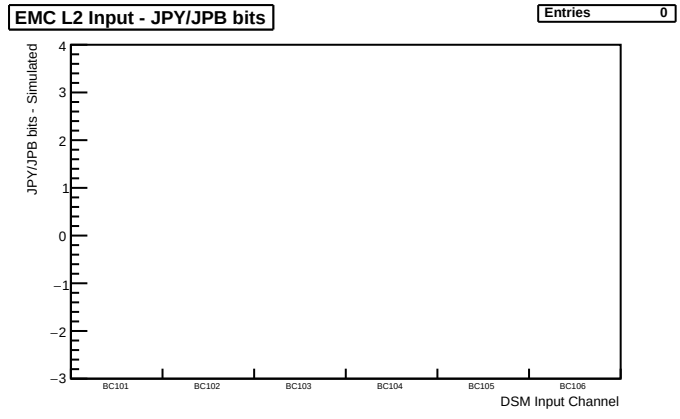

Endcap EMC L1 Input - HT.TP
Entries 5.116495e+07
HT.TP
1
0
74342
16094
17231
72455
75596
19407
19343
70065
73594
13103
16233
78599
4.1894e+06
4.29765e+06
4.24652e+06
4.19129e+06
4.18815e+06
4.24434e+06
4.2444e+06
4.19368e+06
4.19015e+06
4.25064e+06
4.29751e+06
4.18515e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

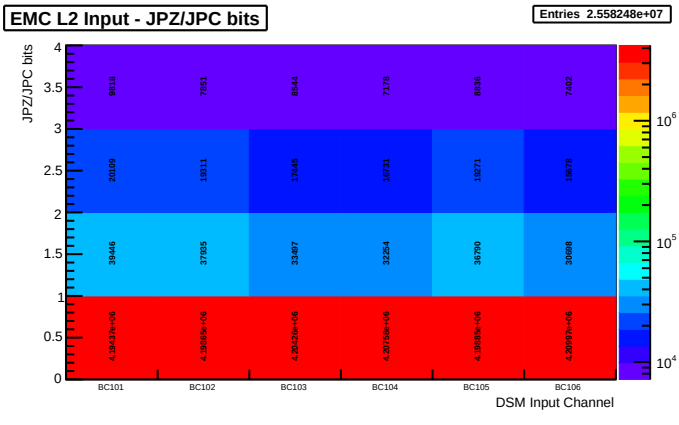

Endcap EMC L1 Input - HT.TP Diff
Entries 52
HT.TP Diff
1
0
-1
52
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

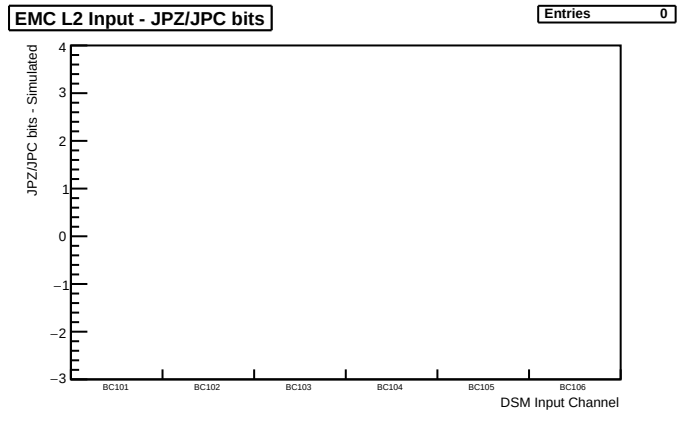

EMC L2 Input - JPX/JPA bits
Entries 2.558248e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

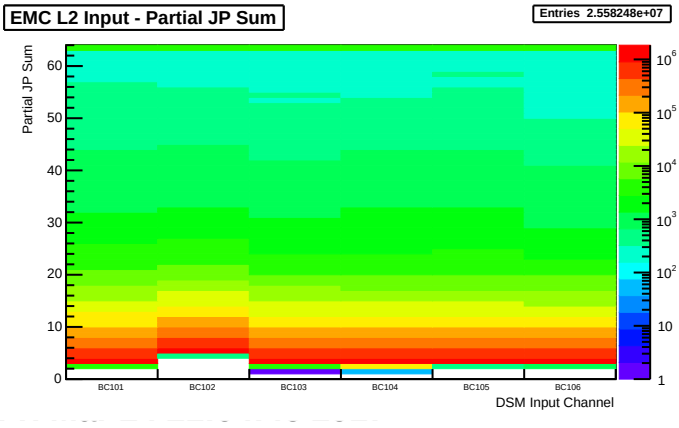

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

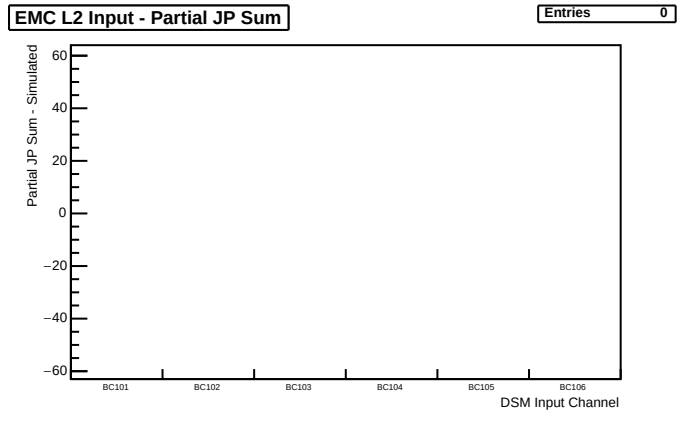

EMC L2 Input - JPY/JPB bits
Entries 2.558248e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

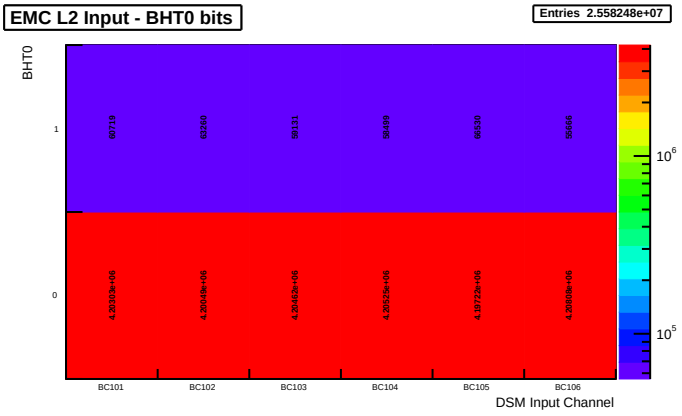

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

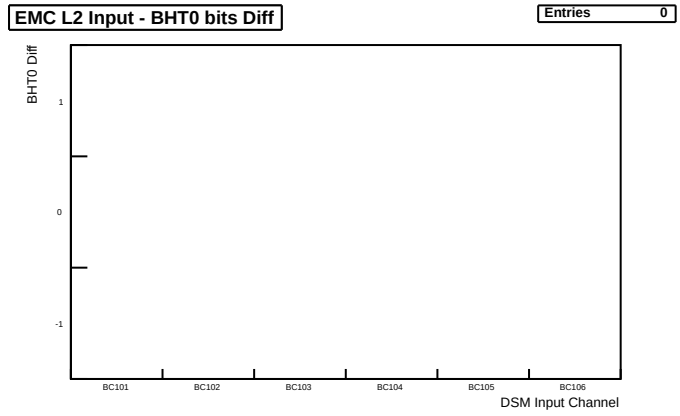

EMC L2 Input - JPZ/JPC bits
Entries 2.558248e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

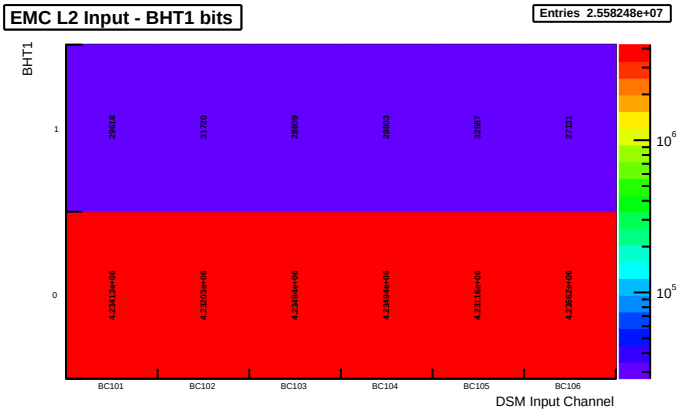

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

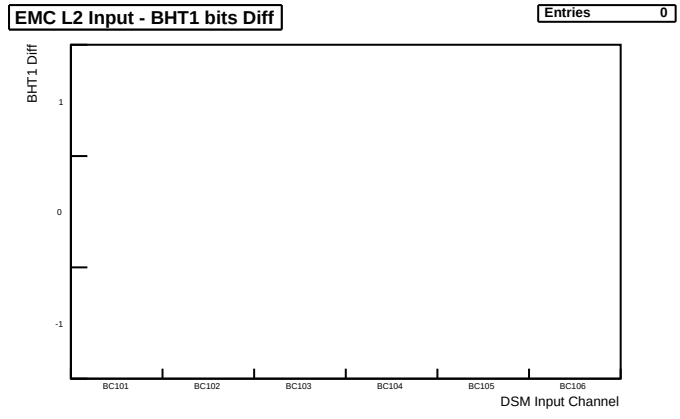

EMC L2 Input - Partial JP Sum
Entries 2.558248e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

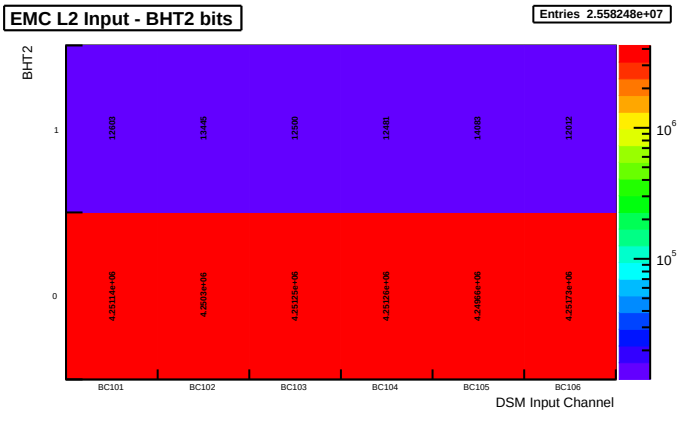

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

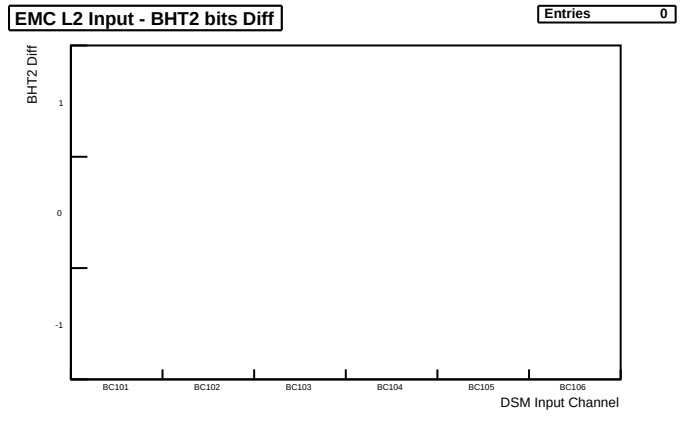

EMC L2 Input - BHT0 bits
Entries 2.558248e+07
BHT0
1
0
60719
63260
59131
59499
66530
55666
4.20303e+06
4.20449e+06
4.20462e+06
4.20525e+06
4.19772e+06
4.20808e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

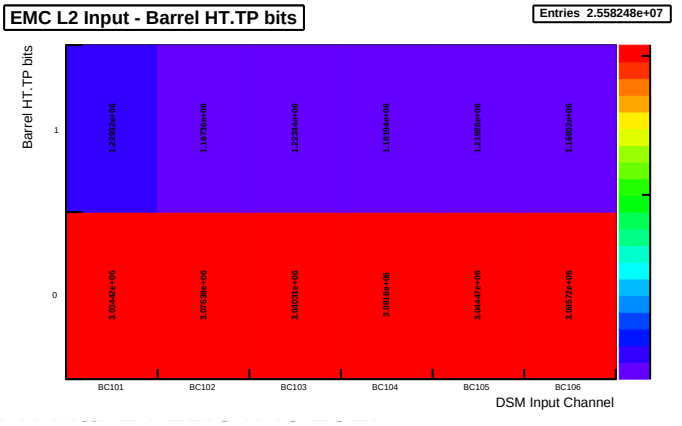

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

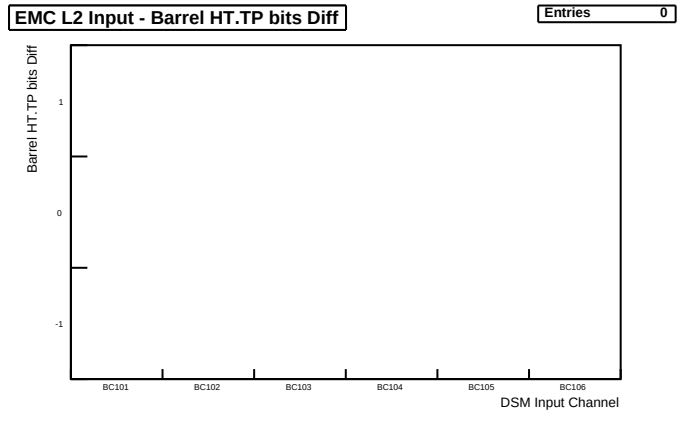

EMC L2 Input - BHT1 bits
Entries 2.558248e+07
BHT1
1
0
23618
31720
23809
23803
32387
27131
4.23413e+06
4.23203e+06
4.23494e+06
4.23494e+06
4.23116e+06
4.23862e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

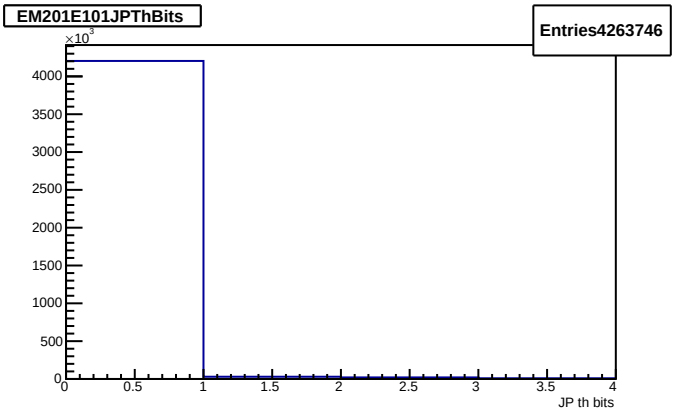

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

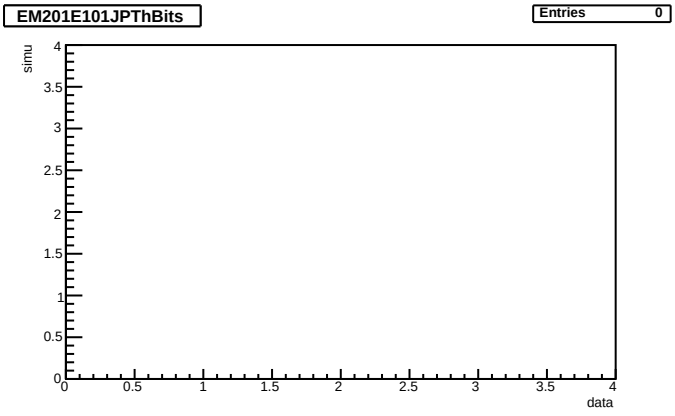

EMC L2 Input - BHT2 bits
Entries 2.558248e+07
BHT2
1
0
12503
13445
12500
12481
14083
12012
4.25114e+06
4.2503e+06
4.25125e+06
4.25126e+06
4.24966e+06
4.25123e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

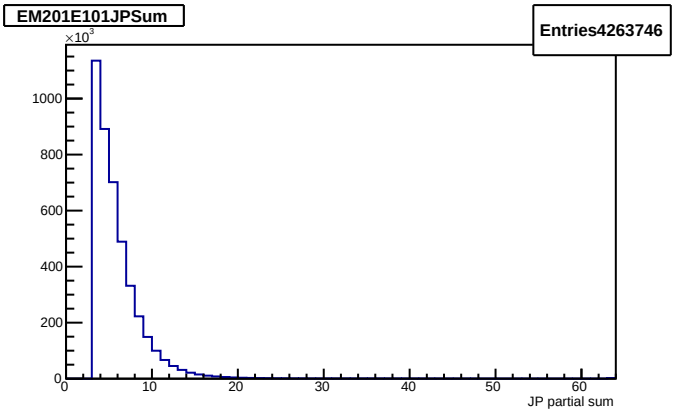

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

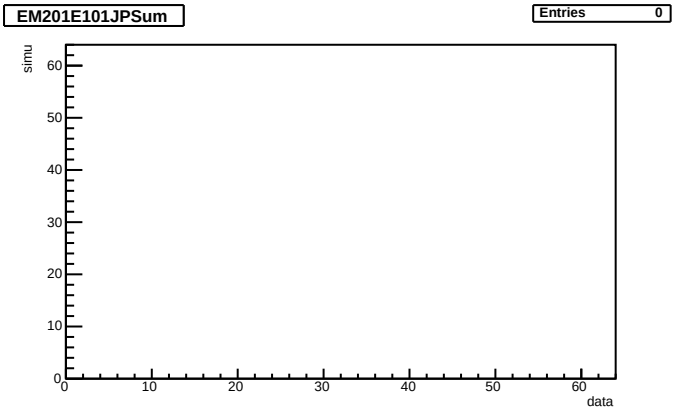

EMC L2 Input - Barrel HT.TP bits
Entries 2.558248e+07
Barrel HT.TP bits
1
0
1.22452e+06
1.13739e+06
1.22344e+06
1.13194e+06
1.21929e+06
1.16872e+06
3.03442e+06
3.07538e+06
3.04031e+06
3.0818e+06
3.04447e+06
3.08572e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

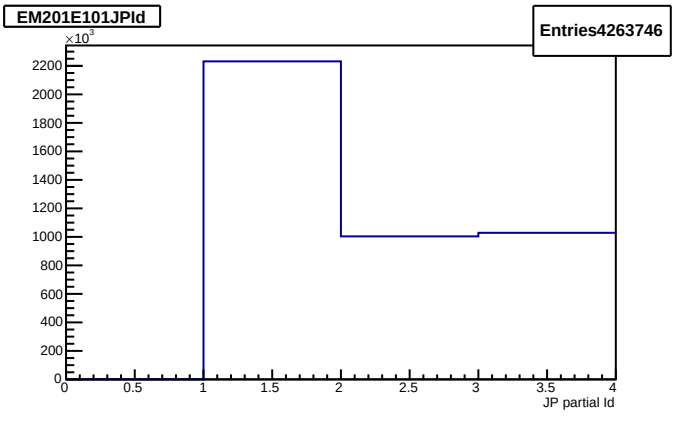

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

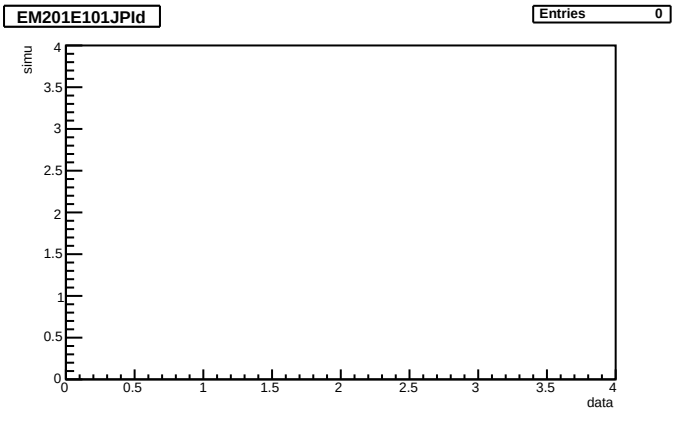

EM201E101JPThBits
Entries4263746
×10^3
JP th bits

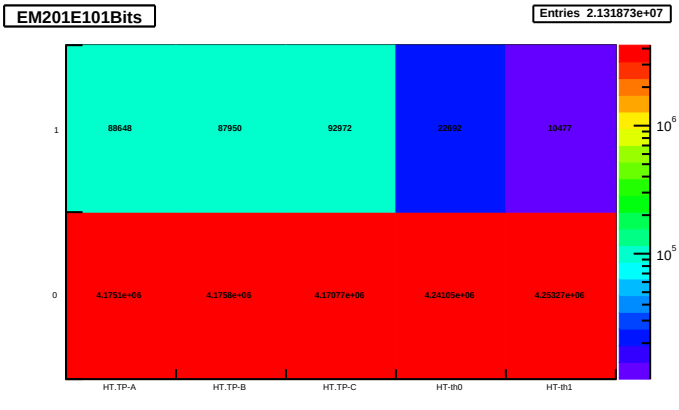

EM201E101JPThBits
Entries 0
simu
data

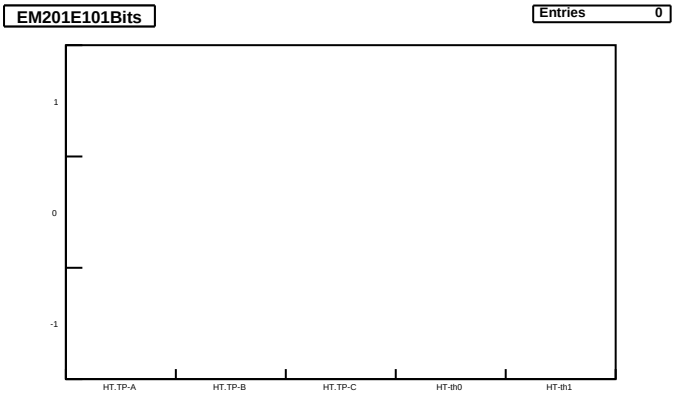

EM201E101JPSum
Entries4263746
×10^3
JP partial sum

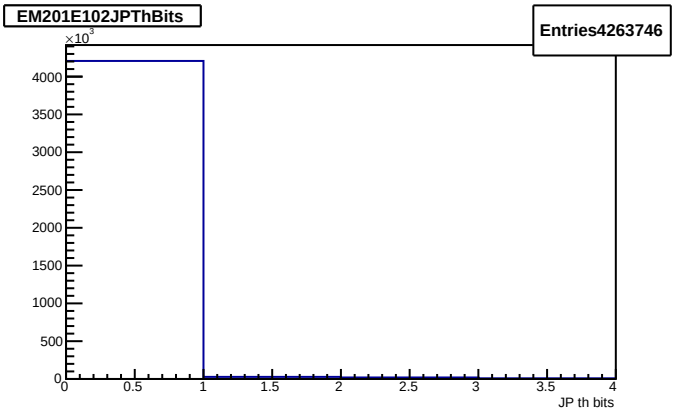

EM201E101JPSum
Entries 0
simu
data

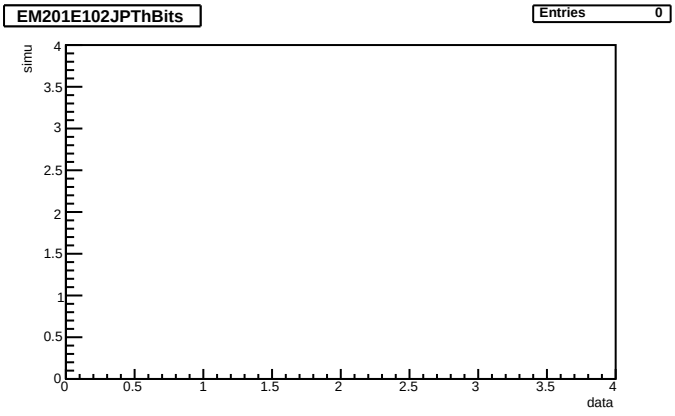

EM201E101JPId
Entries4263746
×10^3
JP partial Id

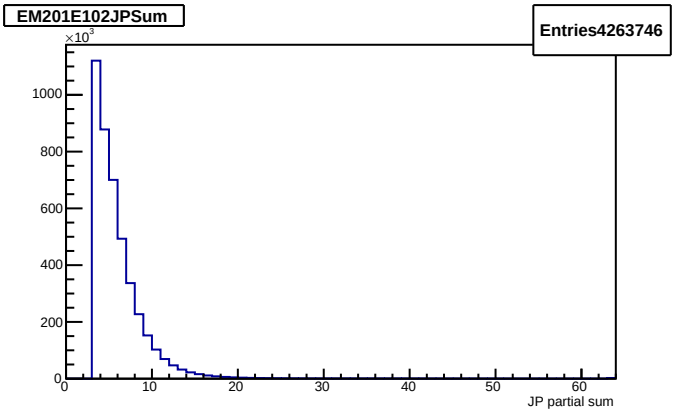

EM201E101JPId
Entries 0
simu
data

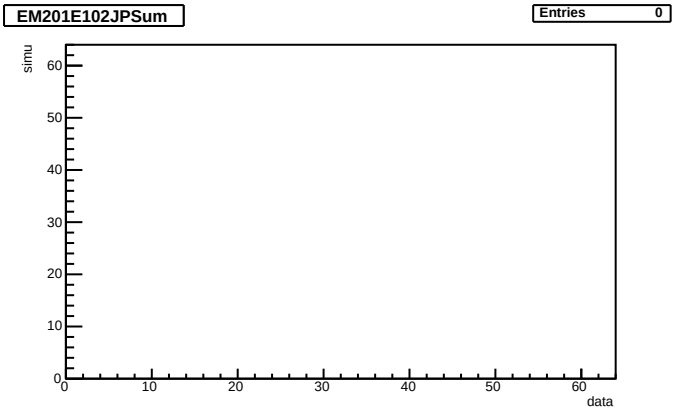

EM201E101Bits
Entries 2.131873e+07
88648
87950
92972
22692
10477
4.1751e+06
4.1758e+06
4.17077e+06
4.24105e+06
4.25327e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

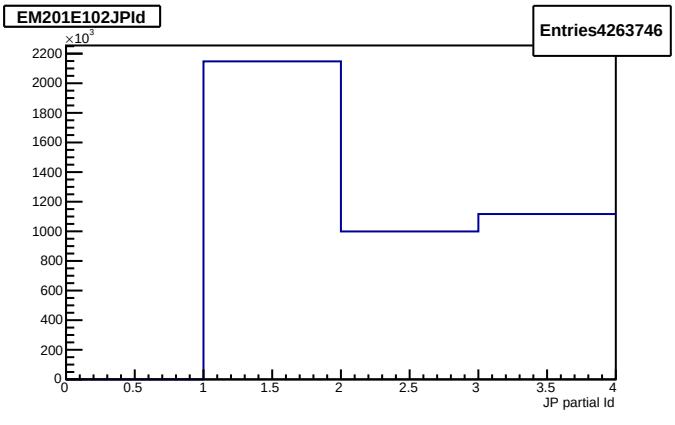

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

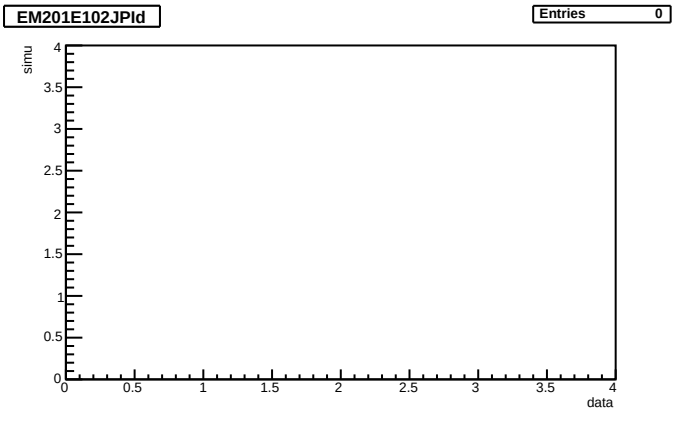

EM201E102JPThBits
Entries4263746
×10^3
JP th bits

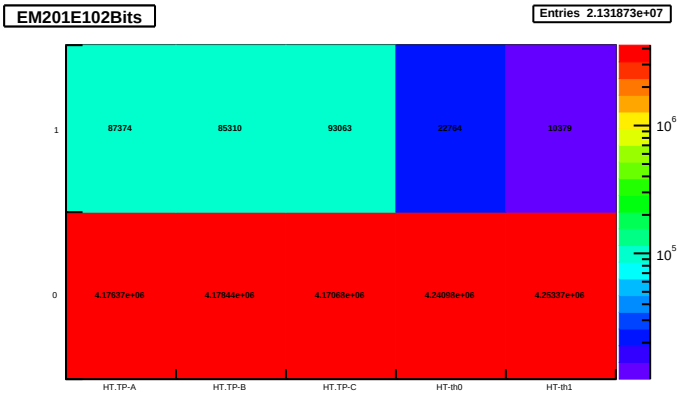

EM201E102JPThBits
Entries 0
simu
data

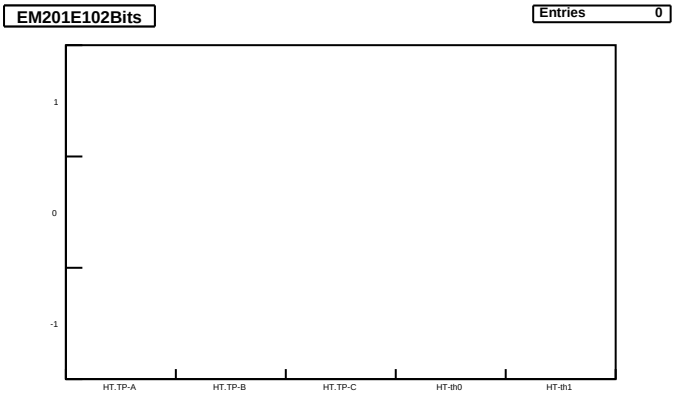

EM201E102JPSum
Entries4263746
×10^3
JP partial sum

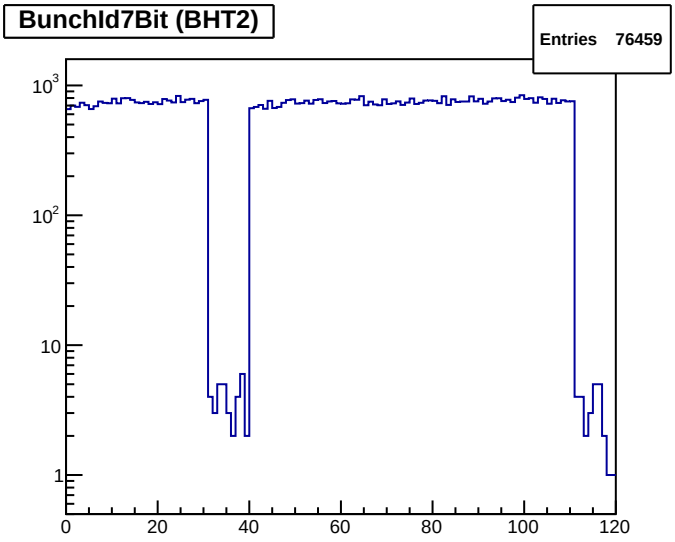

EM201E102JPSum
Entries 0
simu
data

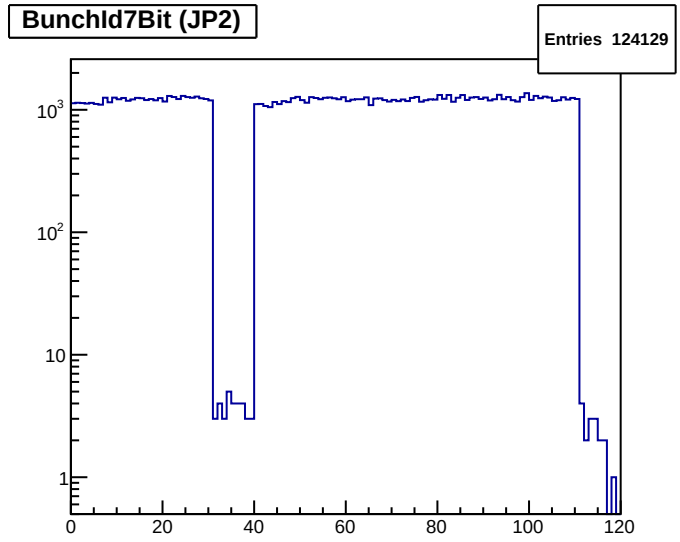

EM201E102JPId
Entries4263746
×10^3
JP partial Id

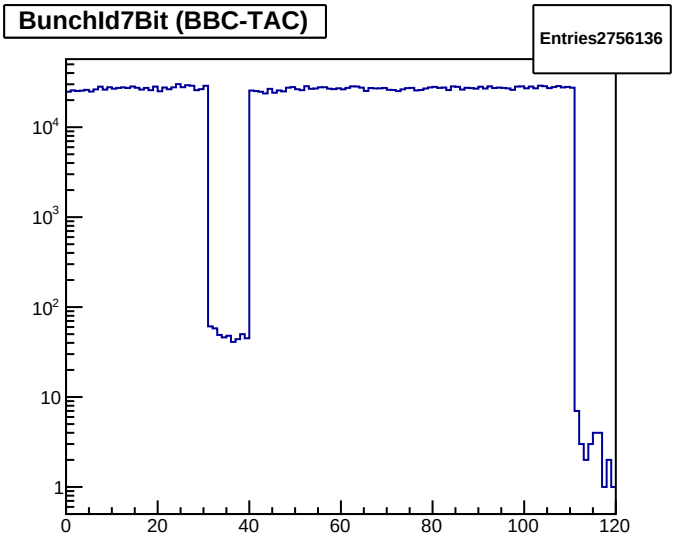

EM201E102JPId
Entries 0
simu
data

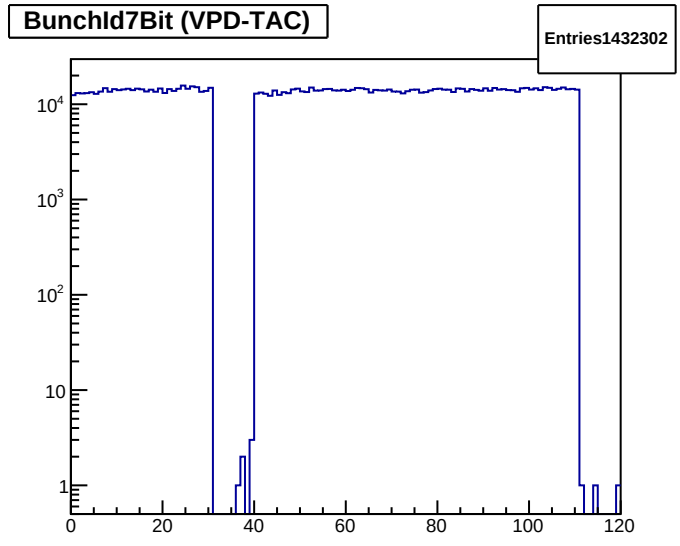

EM201E102Bits
Entries 2.131873e+07
87374
85310
93063
22764
10379
4.17637e+06
4.17844e+06
4.17068e+06
4.24098e+06
4.25337e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

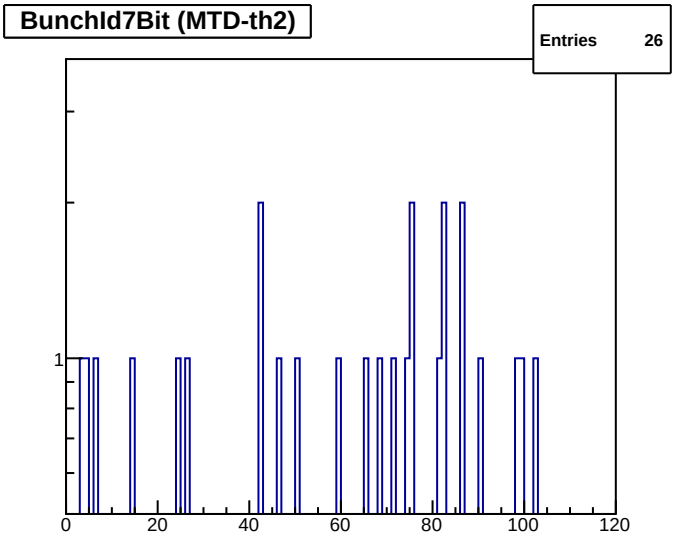

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

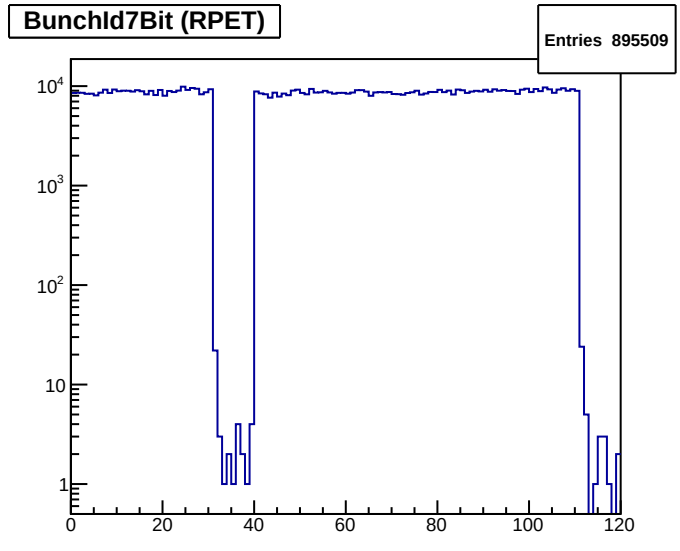

BunchId7Bit (BHT2)
Entries 76459

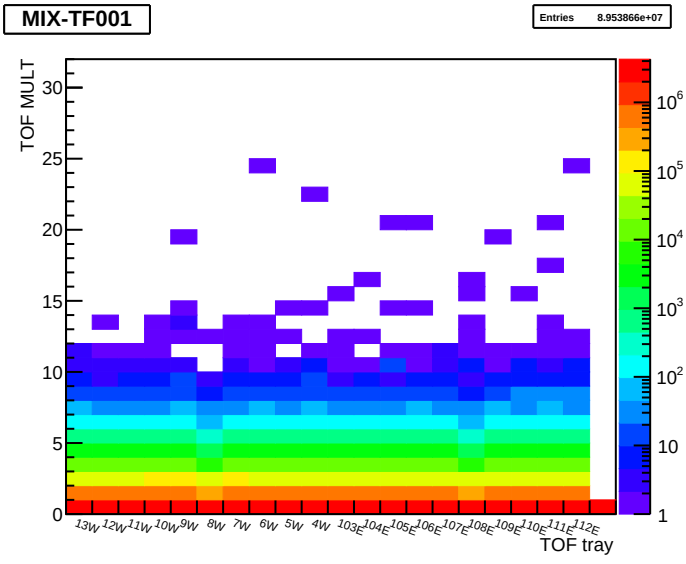

BunchId7Bit (JP2)
Entries 124129

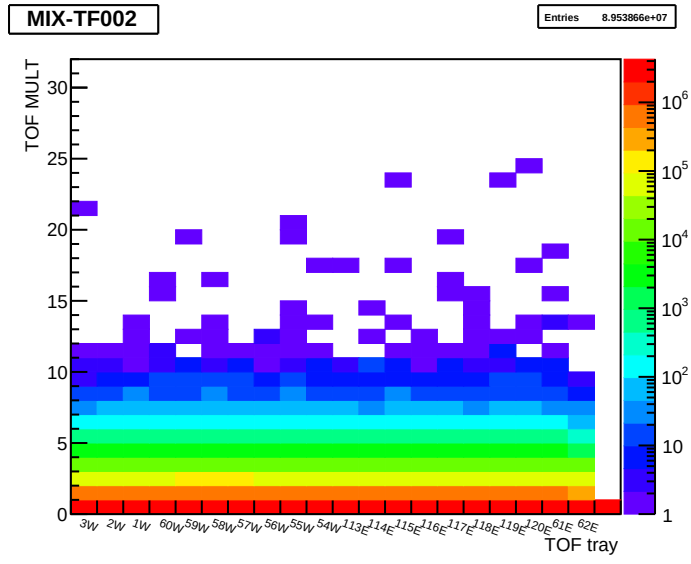

BunchId7Bit (BBC-TAC)
Entries2756136

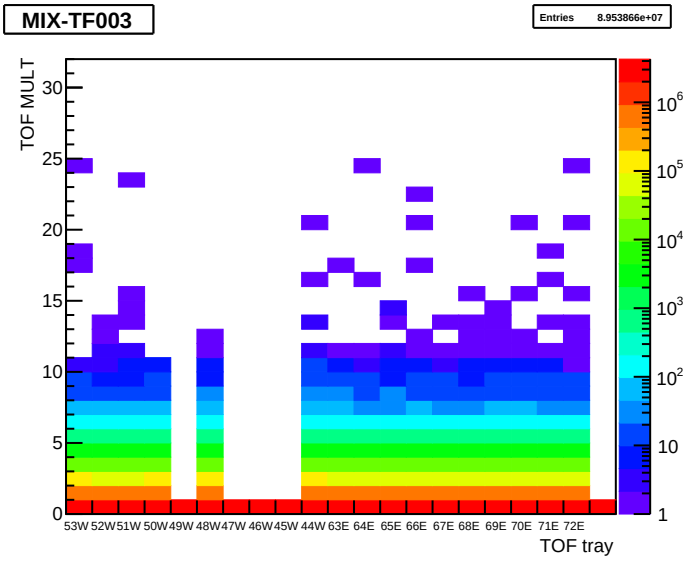

BunchId7Bit (VPD-TAC)
Entries1432302

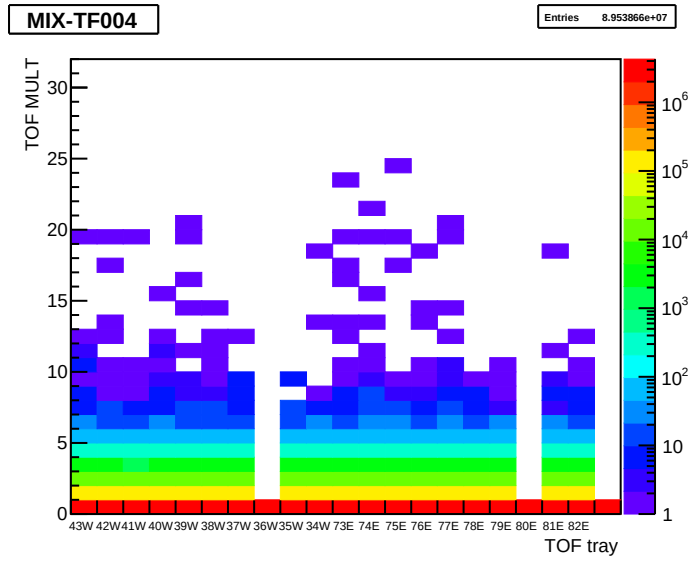

BunchId7Bit (MTD-th2)
Entries 26

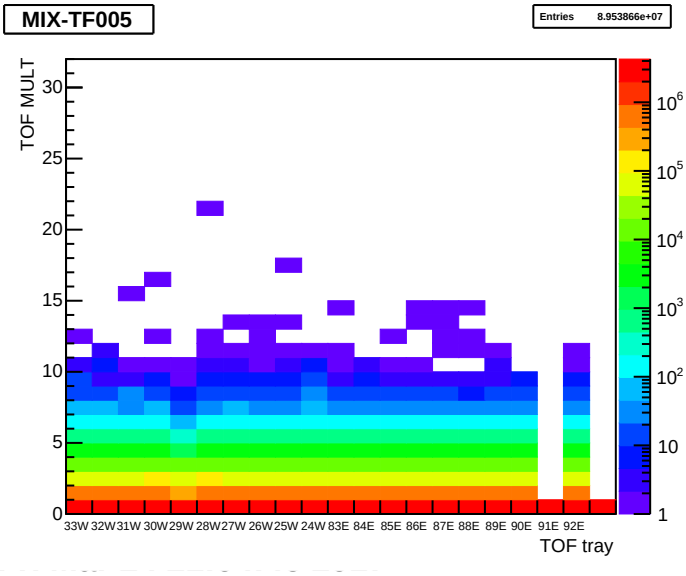

BunchId7Bit (RPET)
Entries 895509

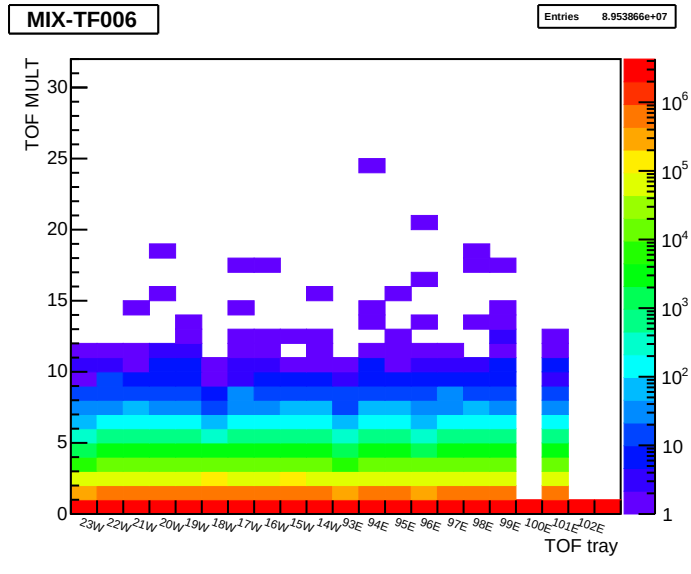

MIX-TF001
Entries 8.953866e+07
TOF MULT
TOF tray

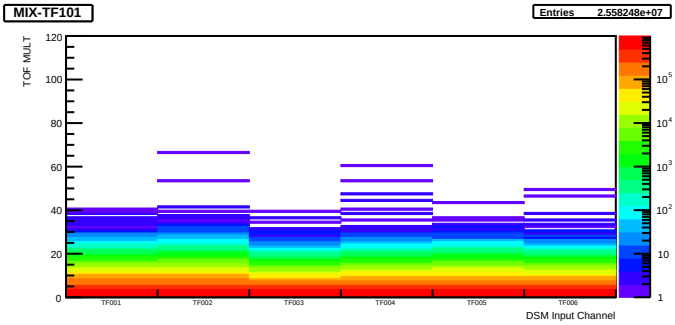

MIX-TF002
Entries 8.953866e+07
TOF MULT
TOF tray

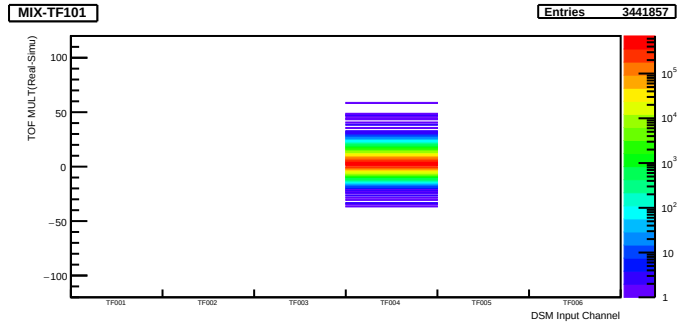

MIX-TF003
Entries 8.953866e+07
TOF MULT
TOF tray

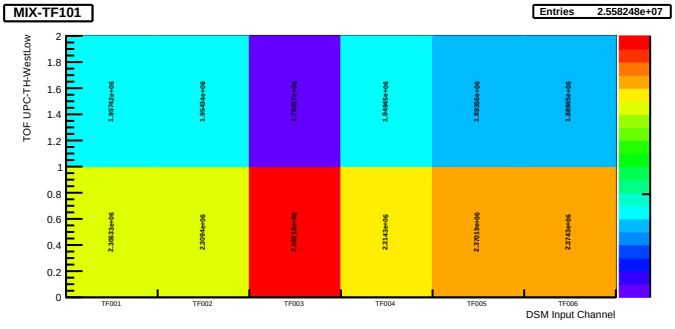

MIX-TF004
Entries 8.953866e+07
TOF MULT
TOF tray

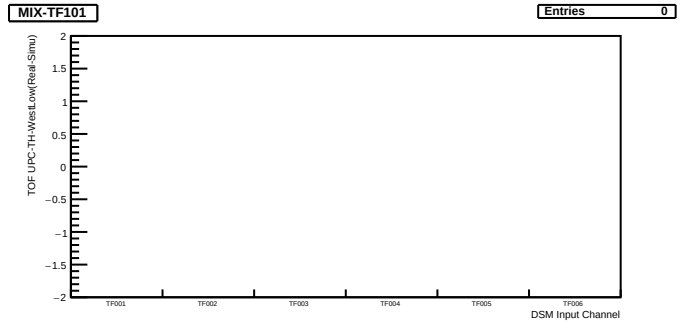

MIX-TF005
Entries 8.953866e+07
TOF MULT
TOF tray

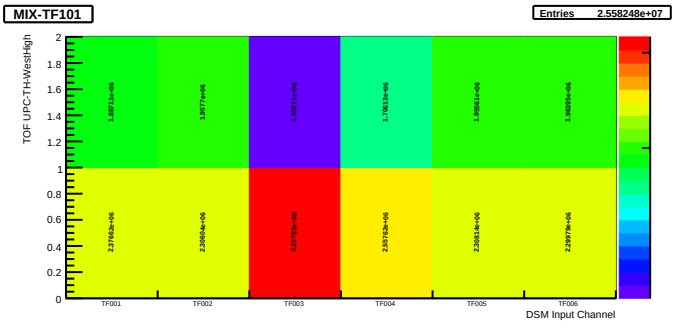

MIX-TF006
Entries 8.953866e+07
TOF MULT
TOF tray

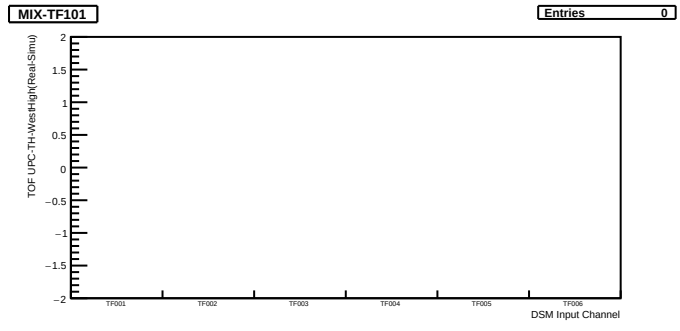

MIX-TF101
Entries 2.558248e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

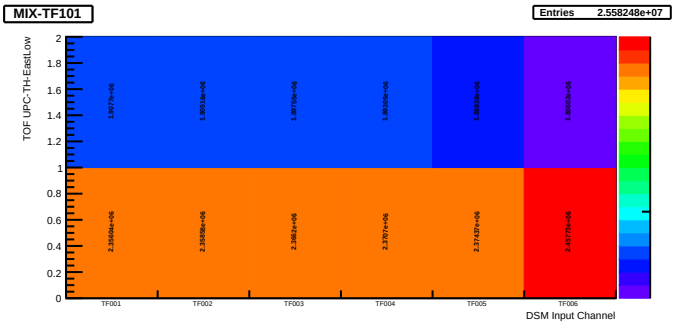

MIX-TF101
Entries 3441857
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

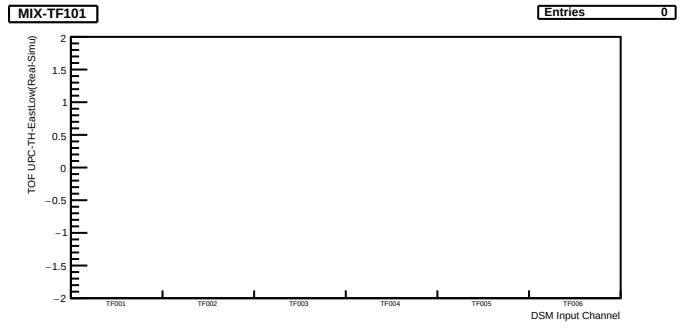

MIX-TF101
Entries 2.558248e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

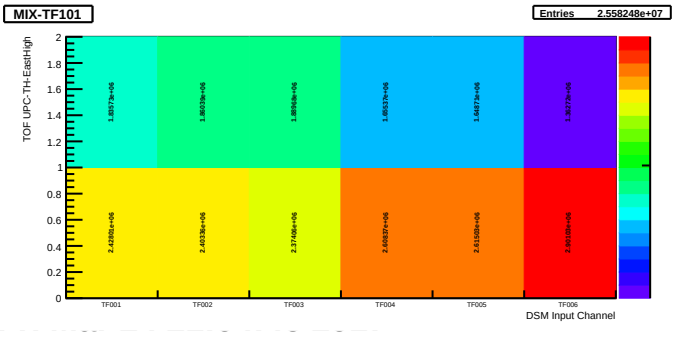

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

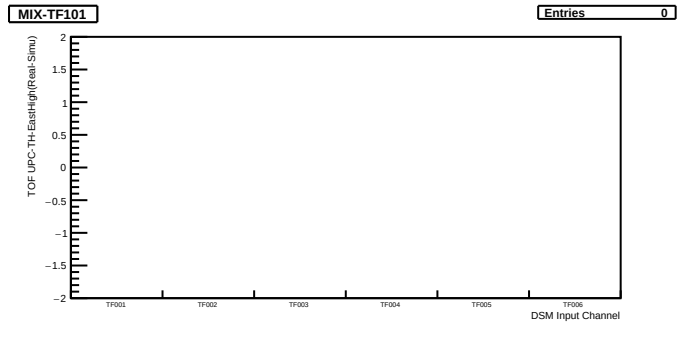

MIX-TF101
Entries 2.558248e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

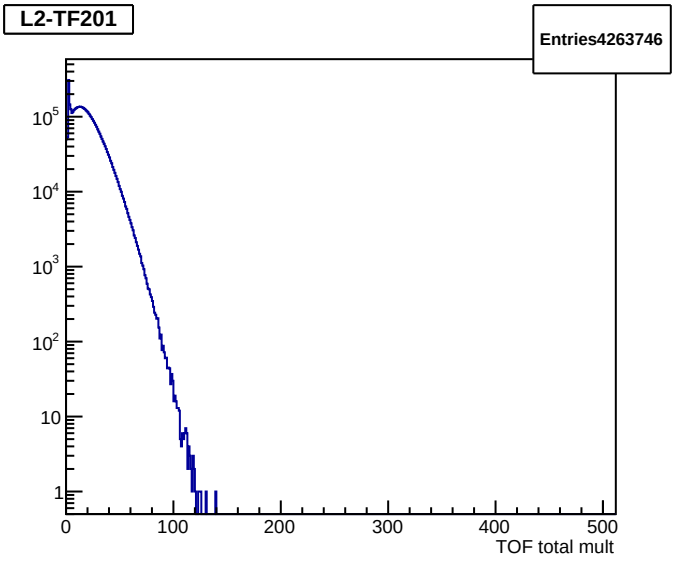

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

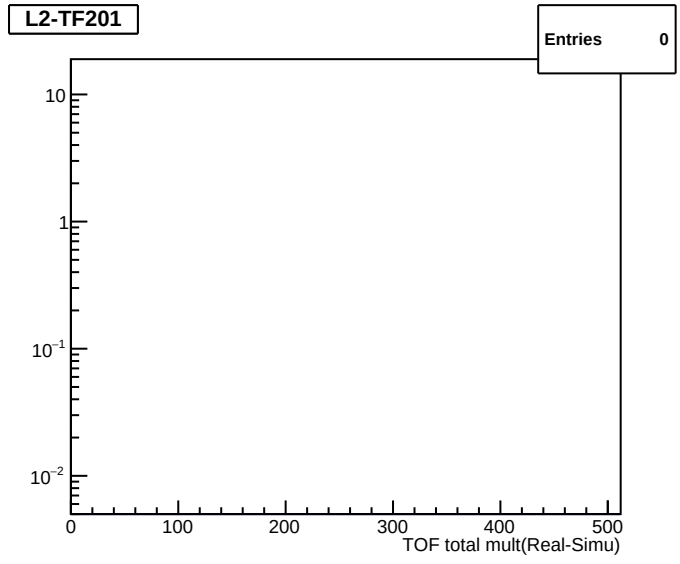

MIX-TF101
Entries 2.558248e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

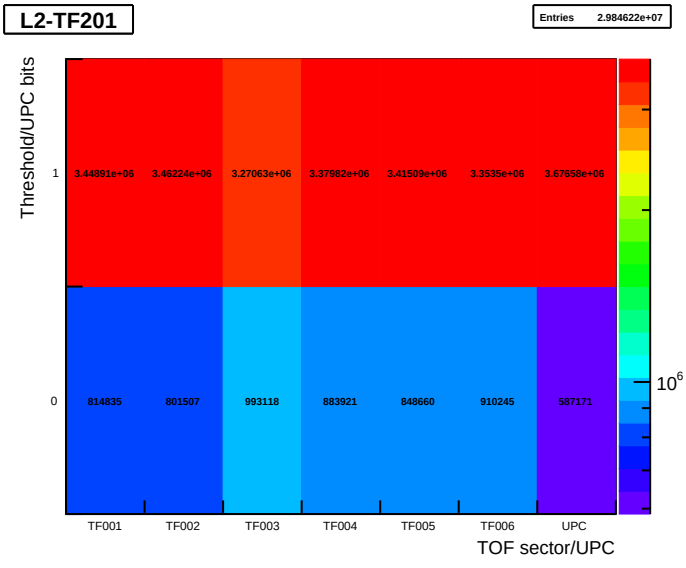

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

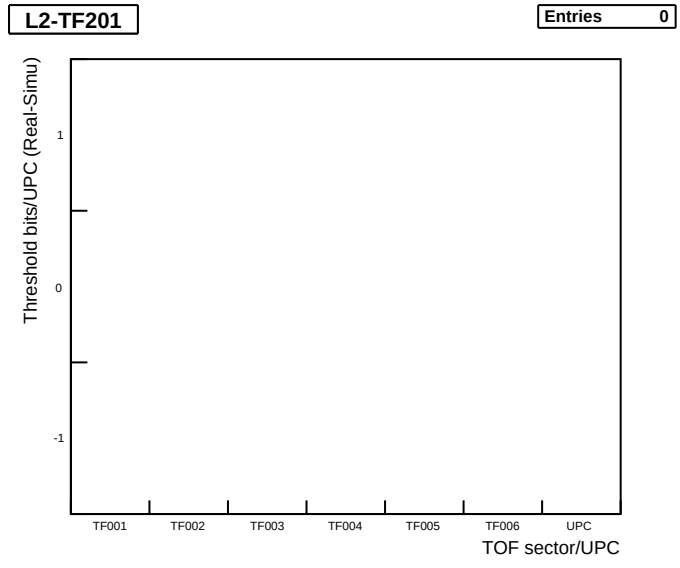

MIX-TF101
Entries 2.558248e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

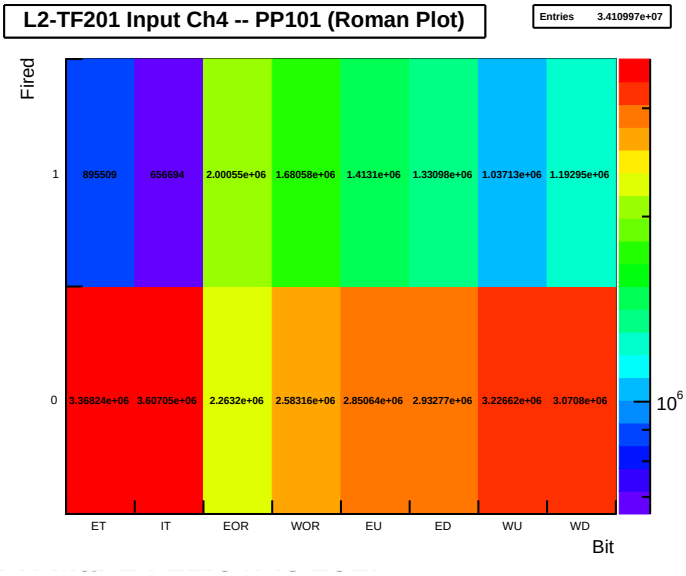

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

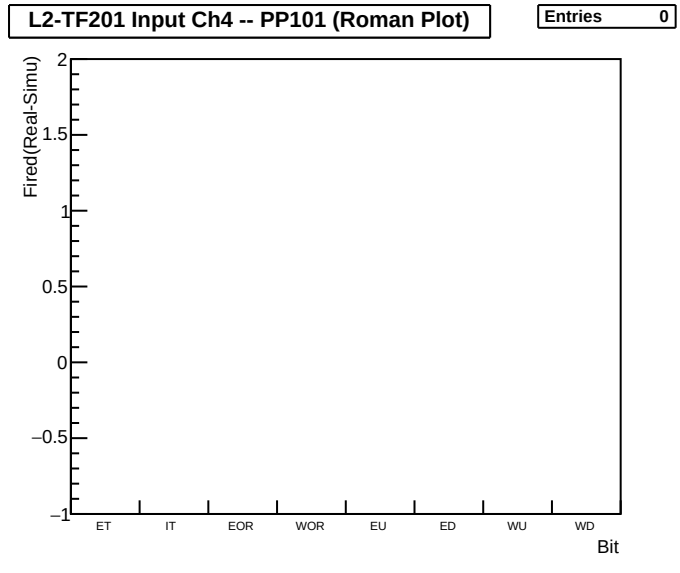

L2-TF201
Entries4263746
TOF total mult

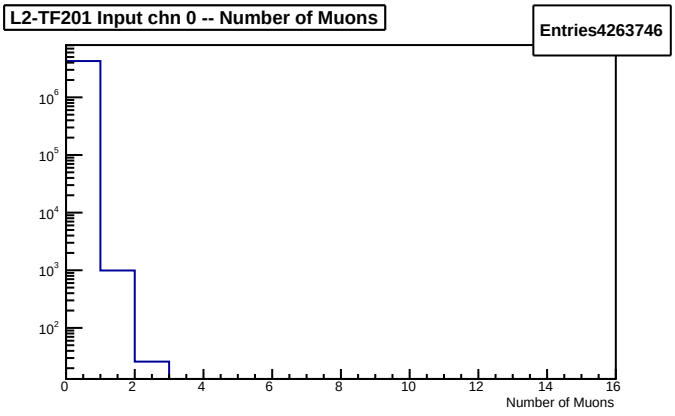

L2-TF201
Entries 0
TOF total mult(Real-Simu)

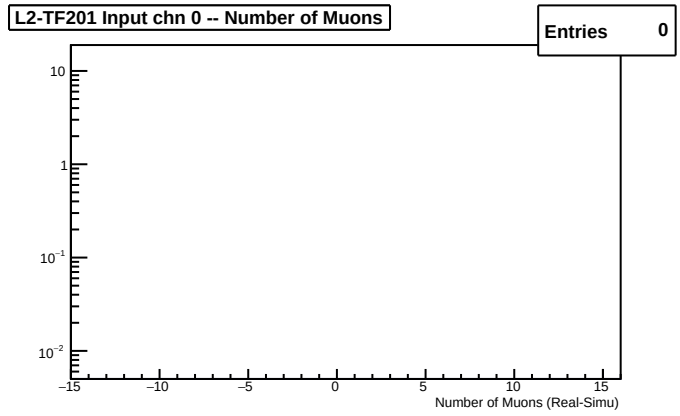

L2-TF201
Entries 2.984622e+07
Threshold/UPC bits
3.44891e+06
3.46224e+06
3.27063e+06
3.37982e+06
3.41509e+06
3.3535e+06
3.67658e+06
814835
801507
993118
883921
848660
910245
587171
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

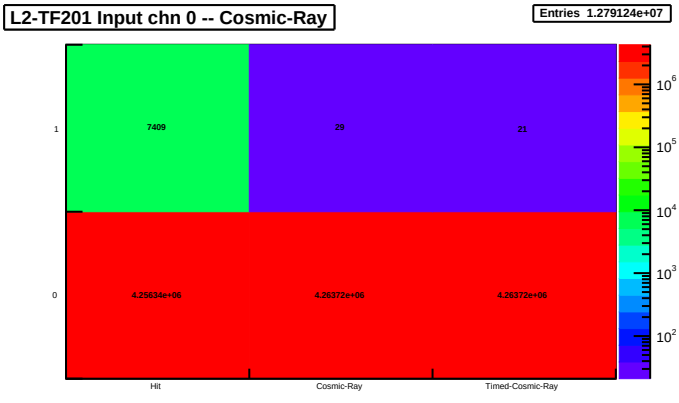

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

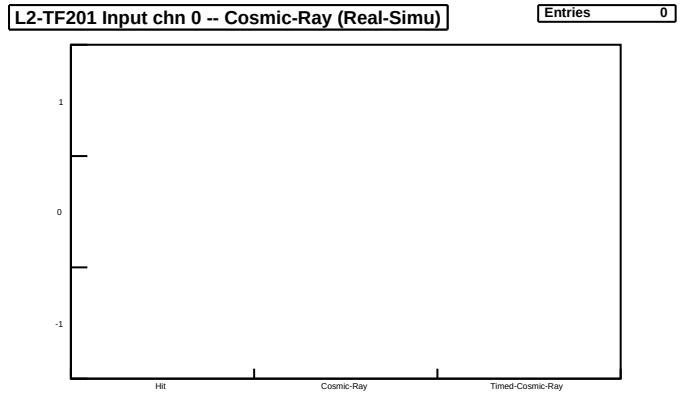

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.410997e+07
Fired
895509
656694
2.00055e+06
1.68058e+06
1.4131e+06
1.33098e+06
1.03713e+06
1.19295e+06
3.36824e+06
3.60705e+06
2.2632e+06
2.58316e+06
2.85064e+06
2.93277e+06
3.22662e+06
3.0708e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

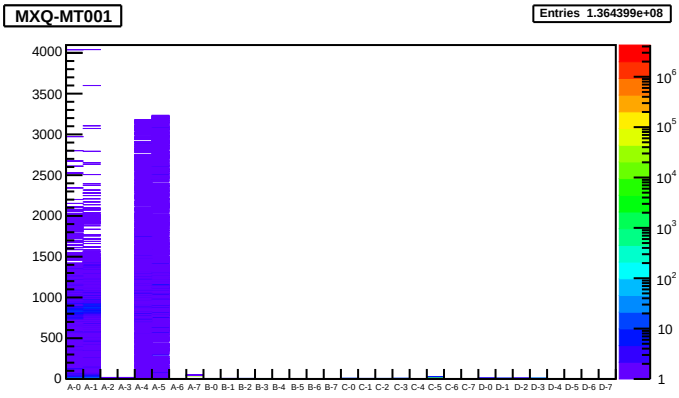

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

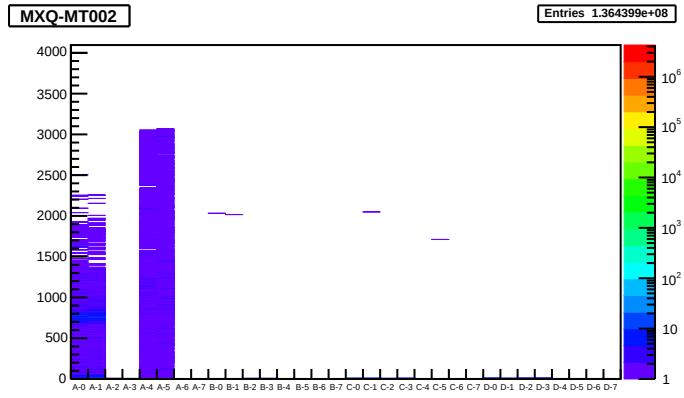

L2-TF201 Input chn 0 -- Number of Muons
Entries4263746
Number of Muons

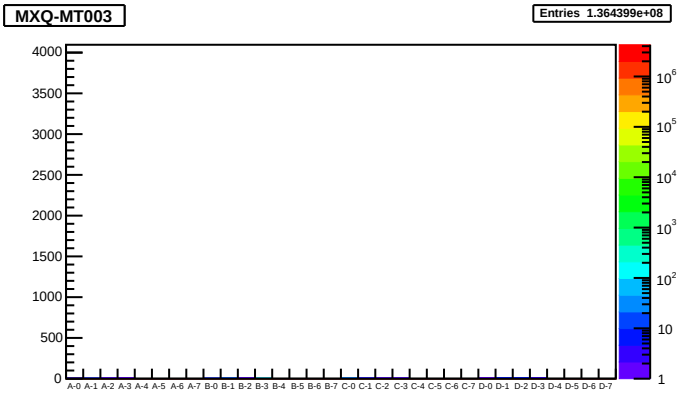

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

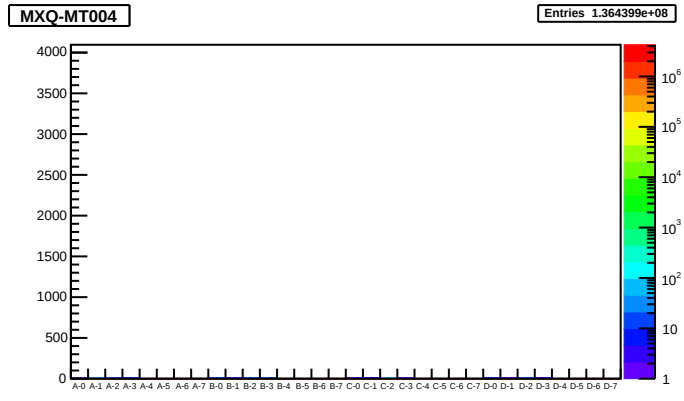

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.279124e+07
7409
29
21
4.25634e+06
4.26372e+06
4.26372e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

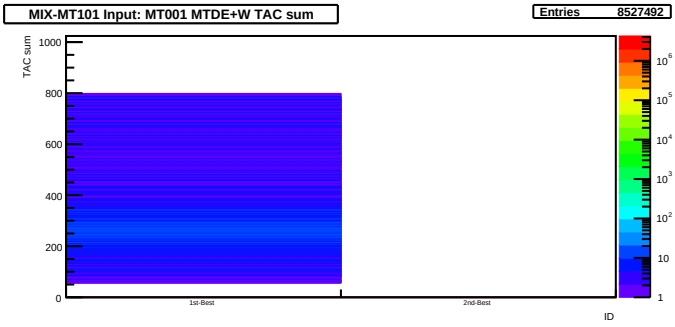

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

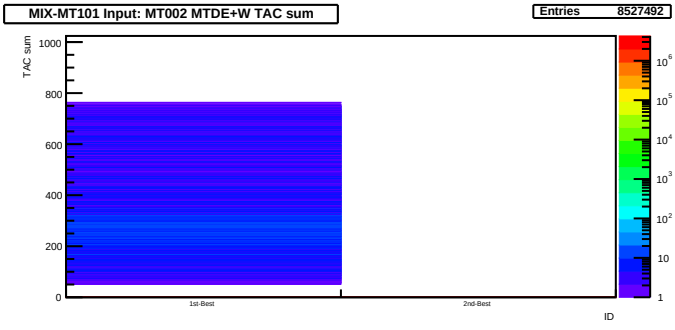

MXQ-MT001
Entries 1.364399e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

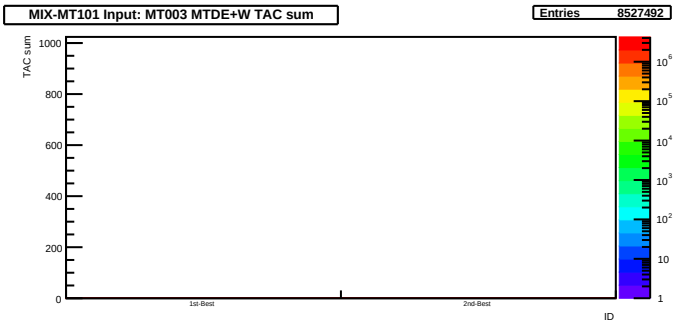

MXQ-MT002
Entries 1.364399e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

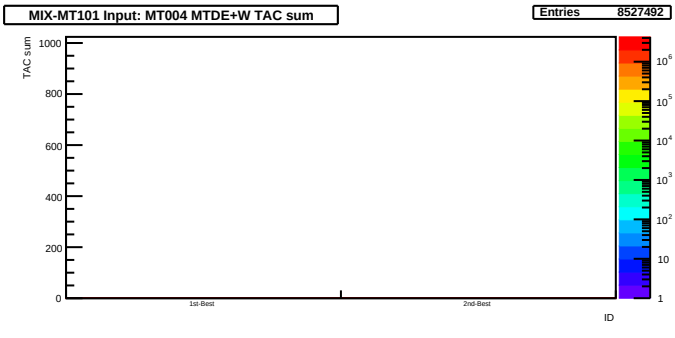

MXQ-MT003
Entries 1.364399e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

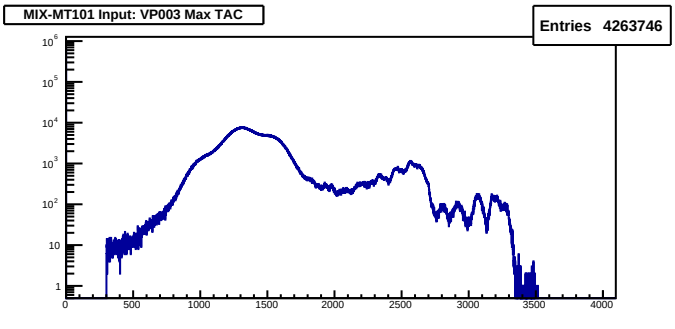

MXQ-MT004
Entries 1.364399e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

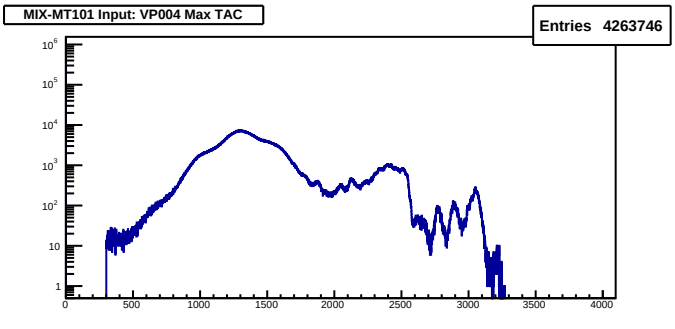

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 8527492
TAC sum
1st-Best
2nd-Best
ID

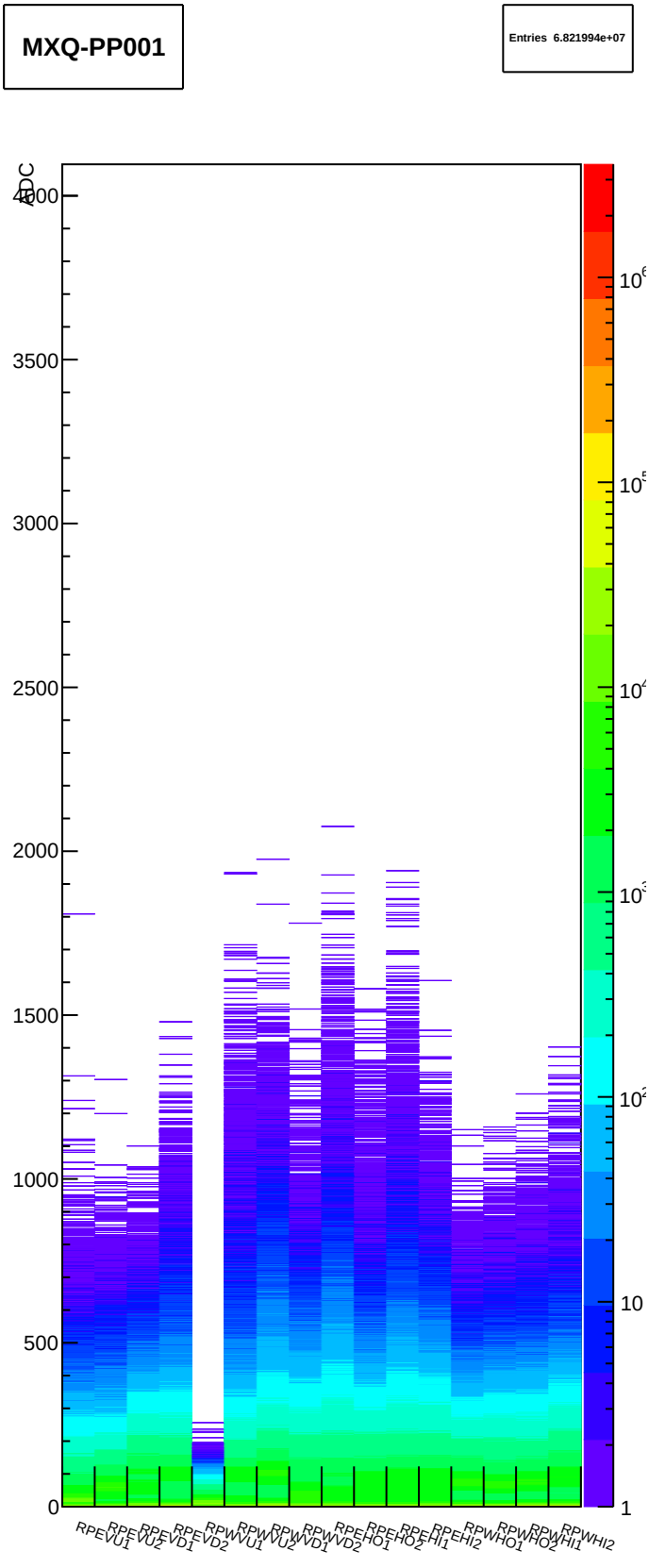

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 8527492
TAC sum
1st-Best
2nd-Best
ID

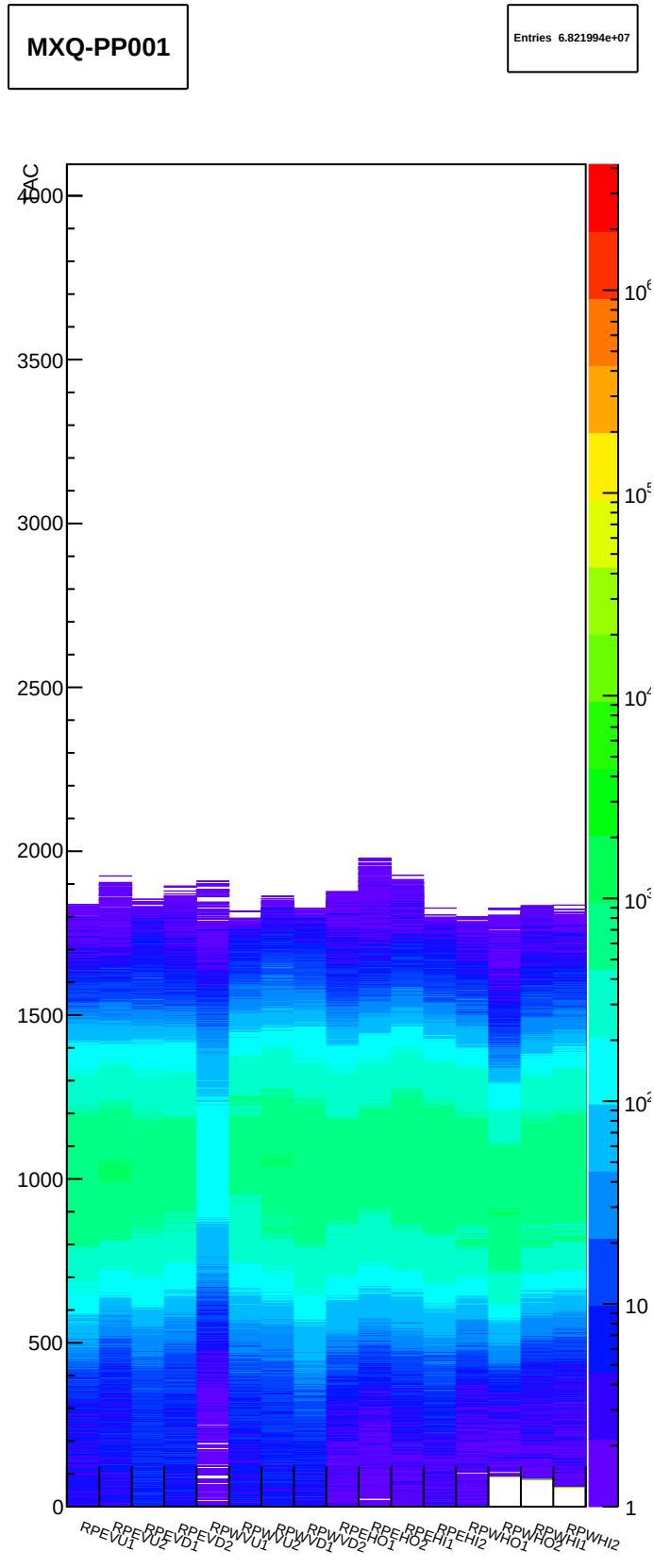

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 8527492
TAC sum
1st-Best
2nd-Best
ID

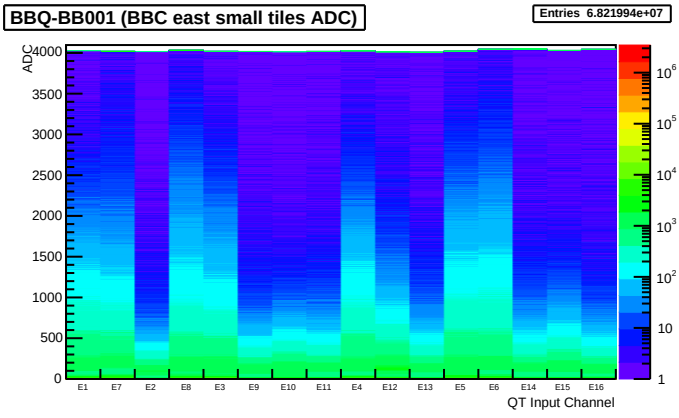

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 8527492
TAC sum
1st-Best
2nd-Best
ID

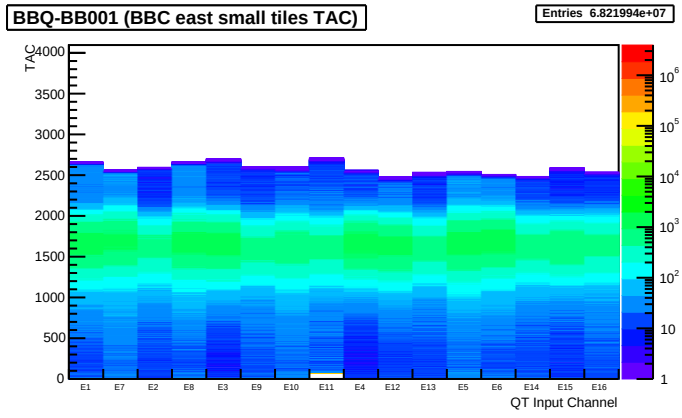

MIX-MT101 Input: VP003 Max TAC
Entries 4263746

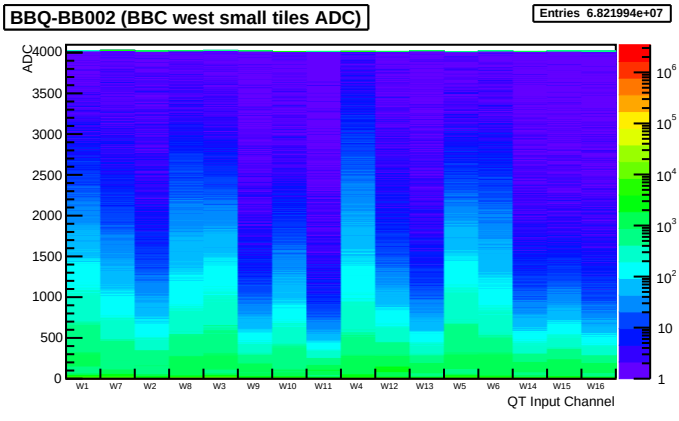

MIX-MT101 Input: VP004 Max TAC
Entries 4263746

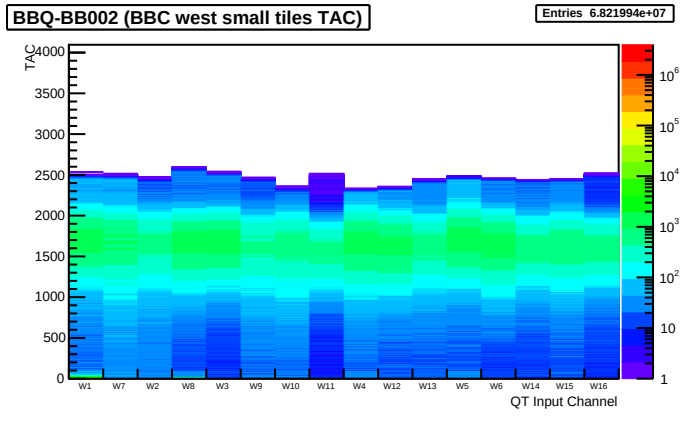

MXQ-PP001
Entries 6.821994e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

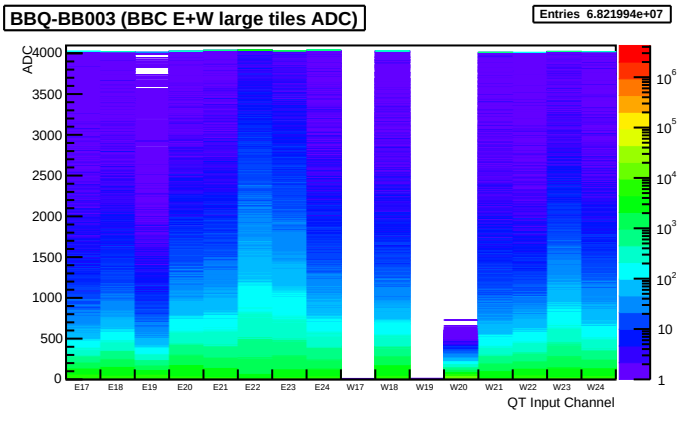

MXQ-PP001
Entries 6.821994e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

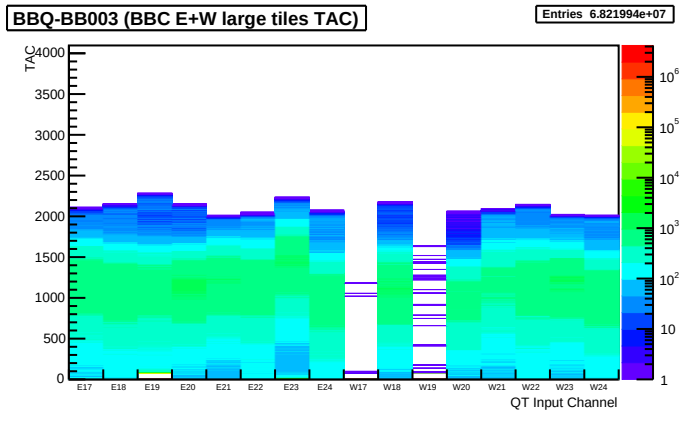

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.821994e+07
ADC
QT Input Channel

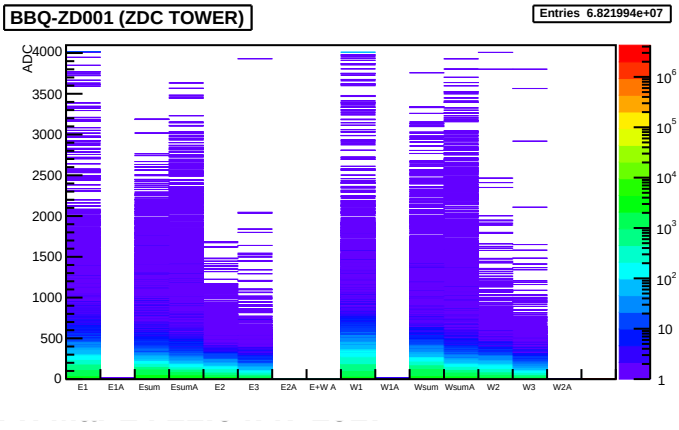

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.821994e+07
TAC
QT Input Channel

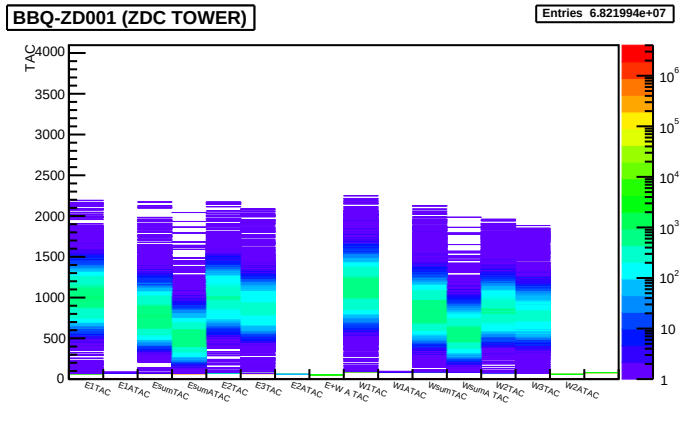

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.821994e+07
ADC
QT Input Channel

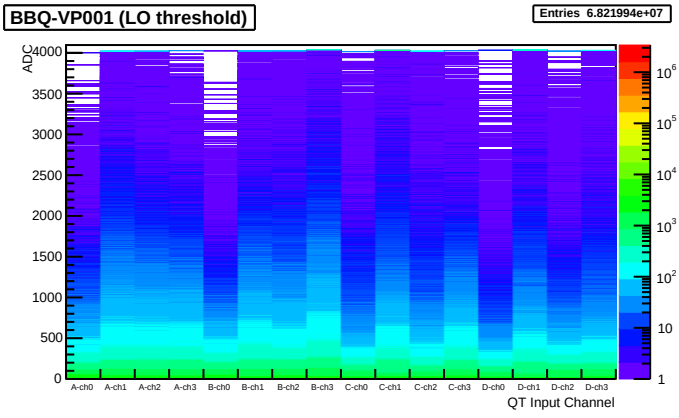

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.821994e+07
TAC
QT Input Channel

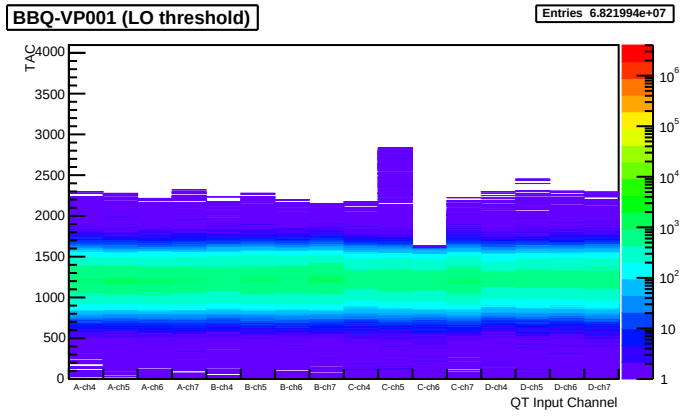

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.821994e+07
ADC
QT Input Channel

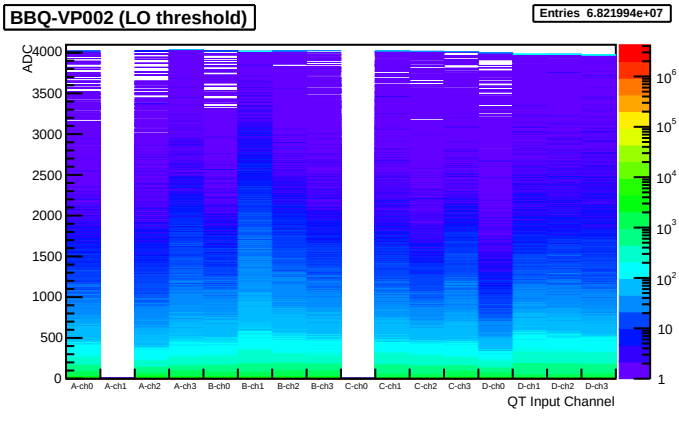

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.821994e+07
TAC
QT Input Channel

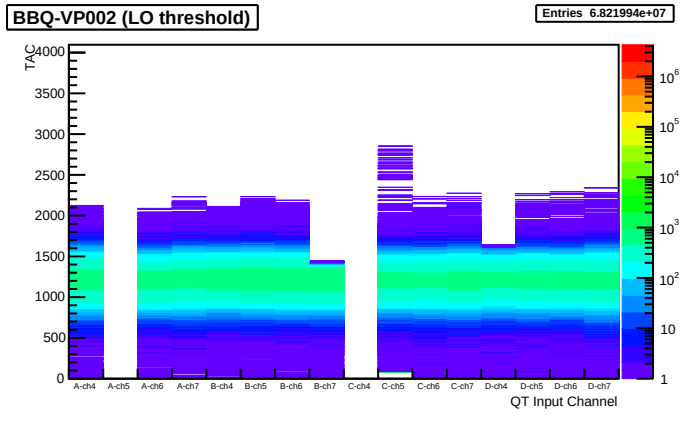

BBQ-ZD001 (ZDC TOWER)
Entries 6.821994e+07
ADC

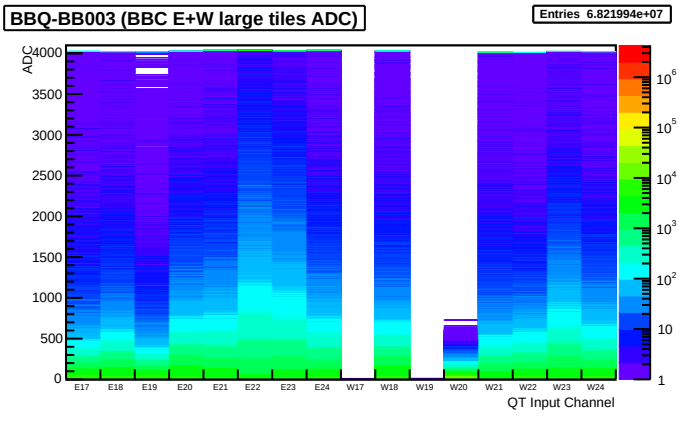

BBQ-ZD001 (ZDC TOWER)
Entries 6.821994e+07
TAC

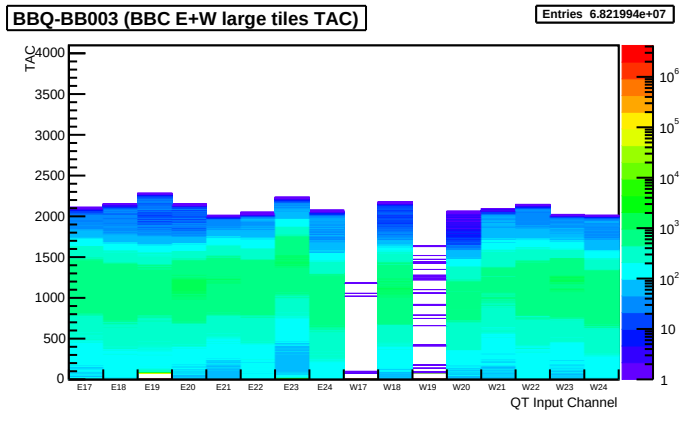

BBQ-VP001 (LO threshold)
Entries 6.821994e+07
ADC
QT Input Channel

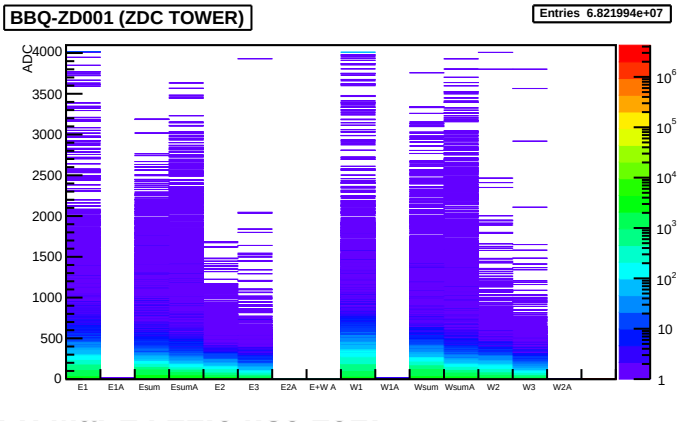

BBQ-VP001 (LO threshold)
Entries 6.821994e+07
TAC
QT Input Channel

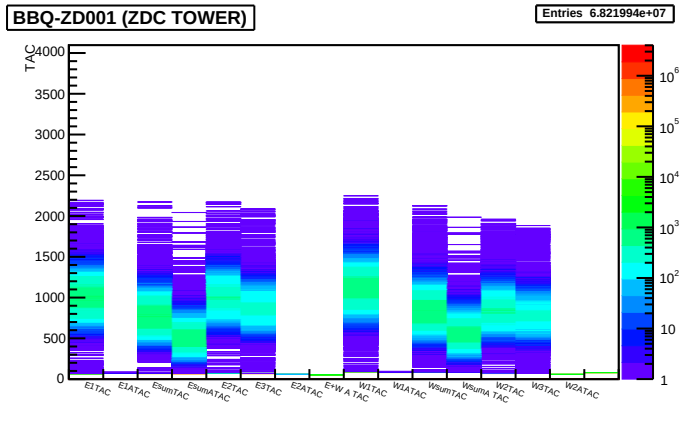

BBQ-VP002 (LO threshold)
Entries 6.821994e+07
ADC
QT Input Channel

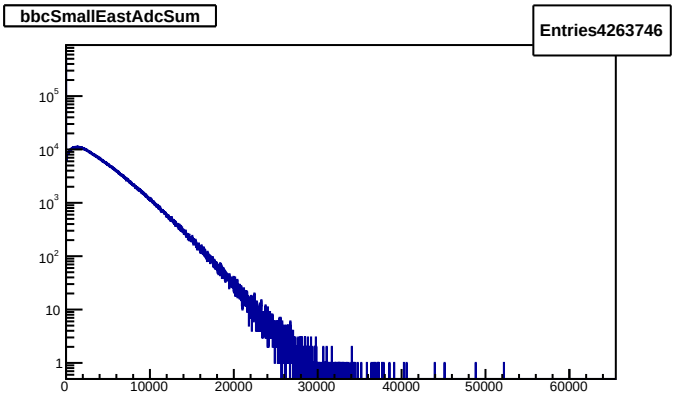

BBQ-VP002 (LO threshold)
Entries 6.821994e+07
TAC
QT Input Channel

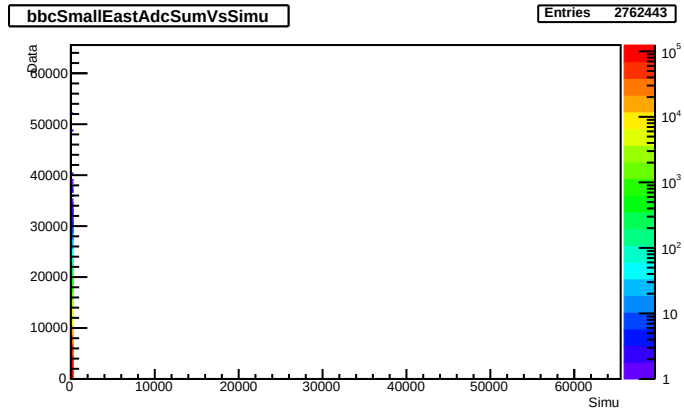

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.821994e+07
ADC
QT Input Channel

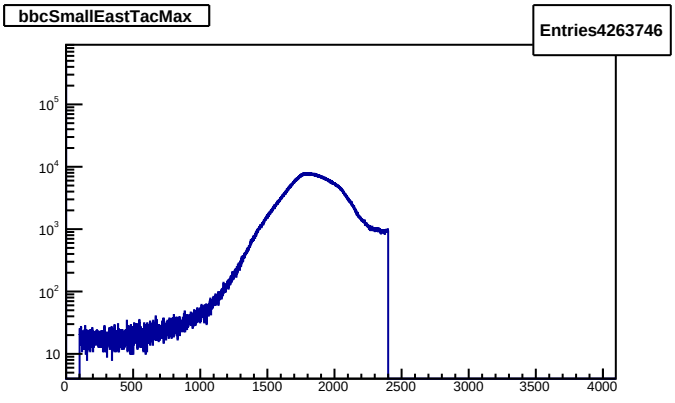

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.821994e+07
TAC
QT Input Channel

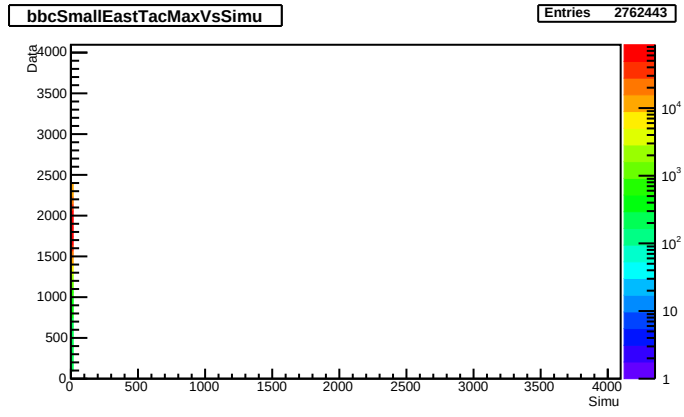

BBQ-ZD001 (ZDC TOWER)
Entries 6.821994e+07
ADC

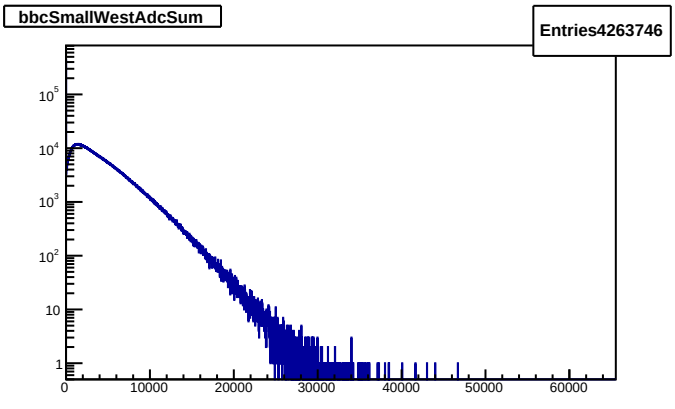

BBQ-ZD001 (ZDC TOWER)
Entries 6.821994e+07
TAC

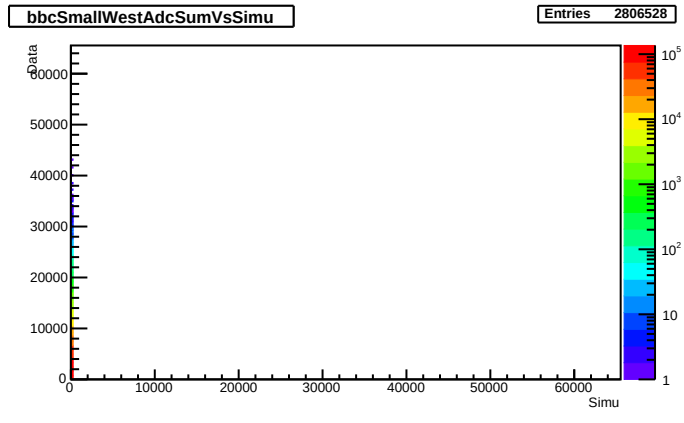

bbcSmallEastAdcSum
Entries4263746

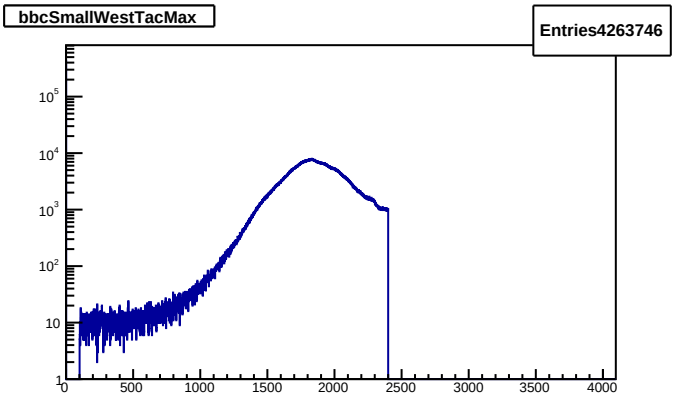

bbcSmallEastAdcSumVsSimu
Entries 2762443
Data
Simu

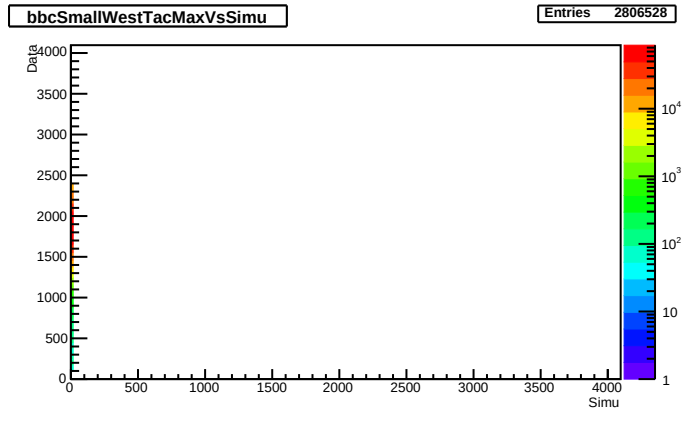

bbcSmallEastTacMax
Entries4263746

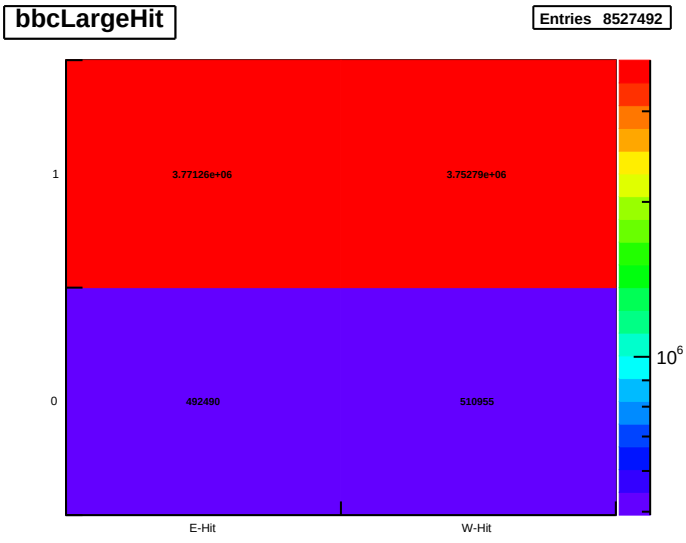

bbcSmallEastTacMaxVsSimu
Entries 2762443
Data
Simu

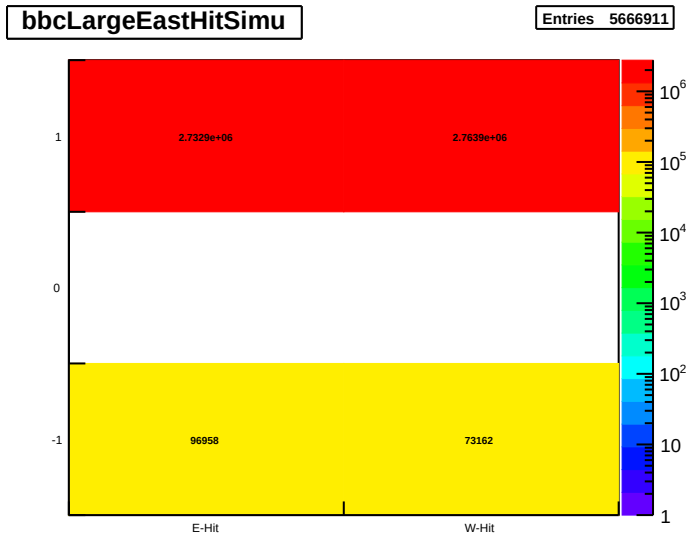

bbcSmallWestAdcSum
Entries4263746

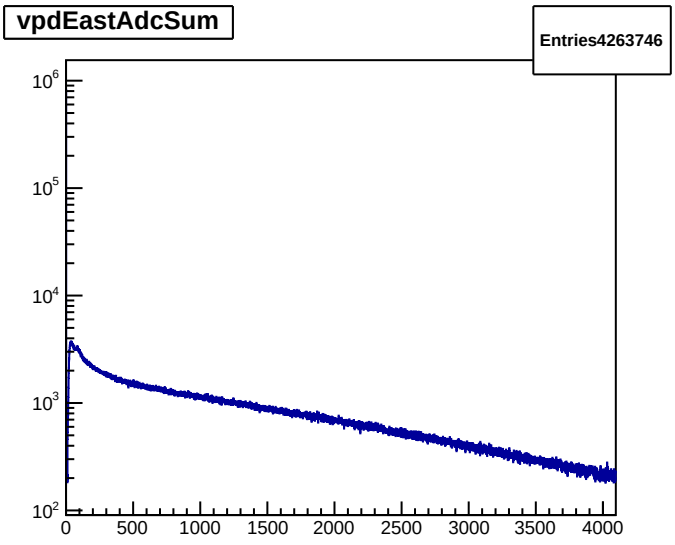

bbcSmallWestAdcSumVsSimu
Entries 2806528
Data
Simu

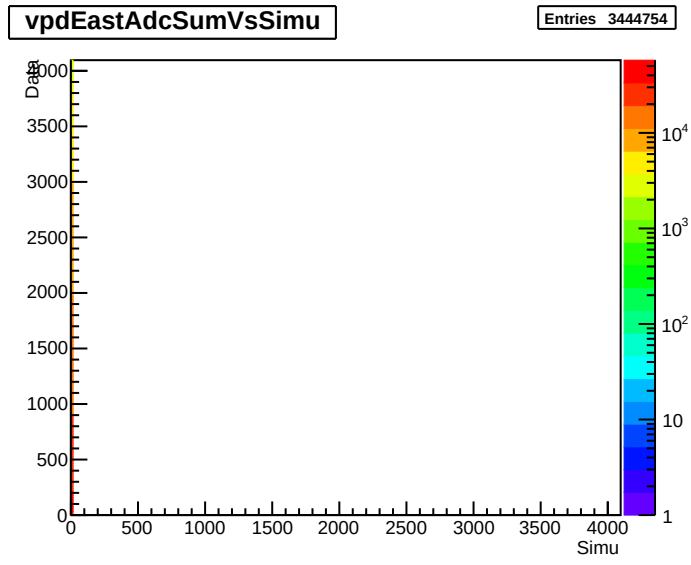

bbcSmallWestTacMax
Entries4263746

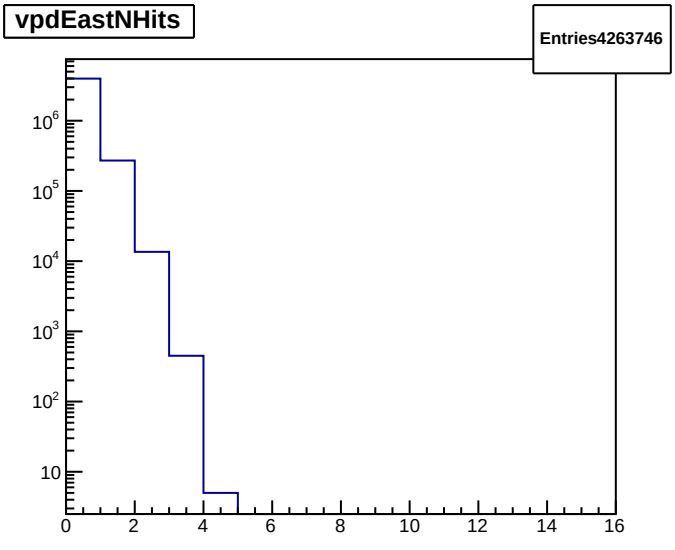

bbcSmallWestTacMaxVsSimu
Entries 2806528
Data
Simu

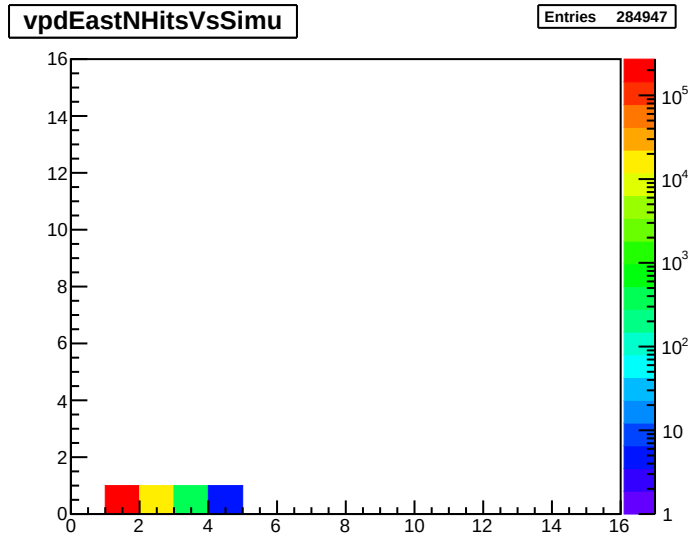

bbcLargeHit
Entries 8527492
1
0
3.77126e+06
3.75279e+06
492490
510955
E-Hit
W-Hit
10^6

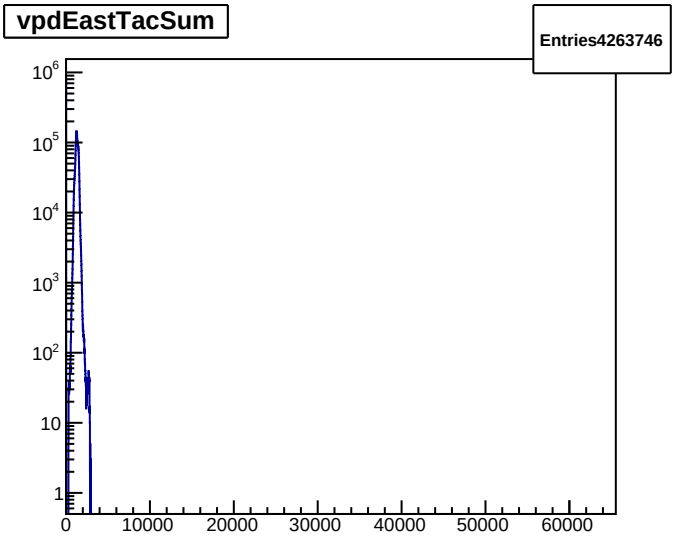

bbcLargeEastHitSimu
Entries 5666911
1
0
-1
2.7329e+06
2.7639e+06
96958
73162
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

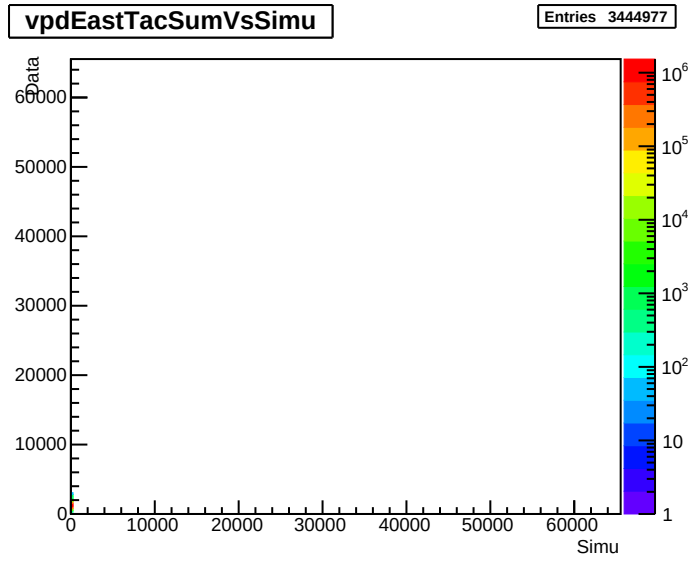

vpdEastAdcSum
Entries4263746

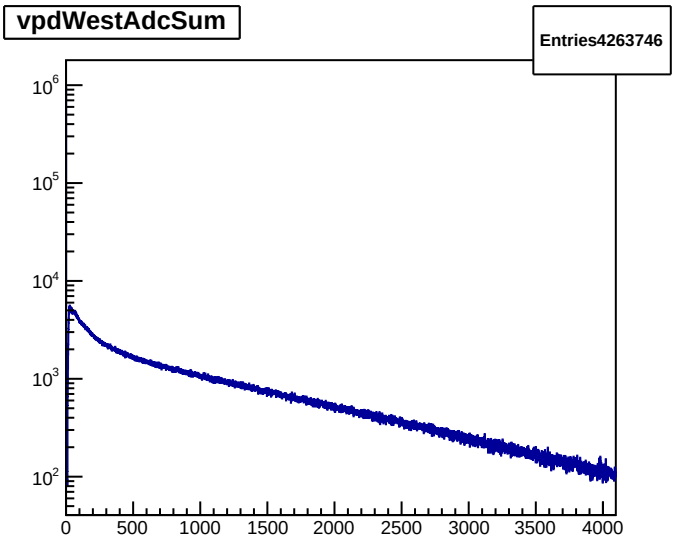

vpdEastAdcSumVsSimu
Entries 3444754
Data
Simu

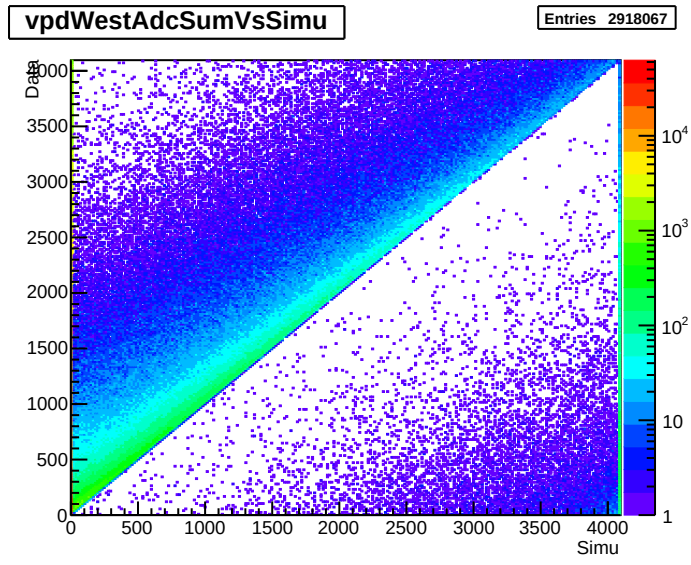

vpdEastNHits
Entries4263746

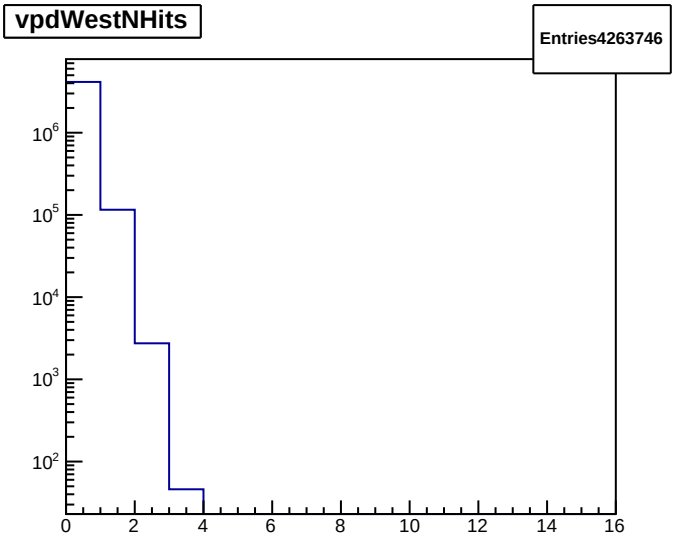

vpdEastNHitsVsSimu
Entries 284947

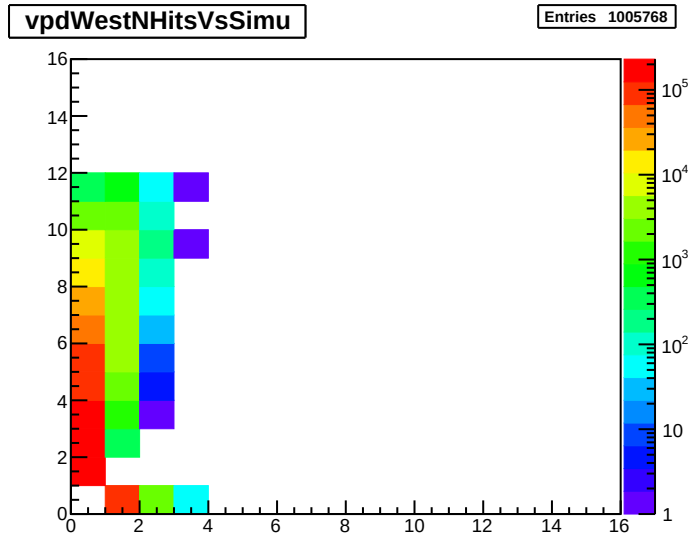

vpdEastTacSum
Entries4263746

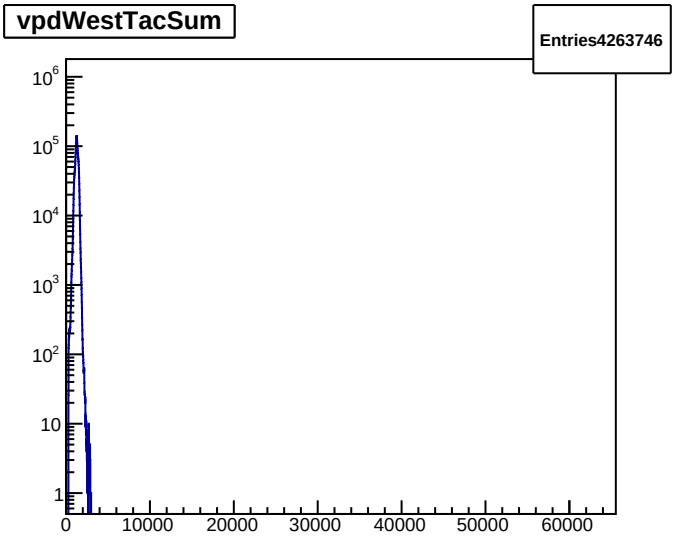

vpdEastTacSumVsSimu
Entries 3444977
Data
Simu

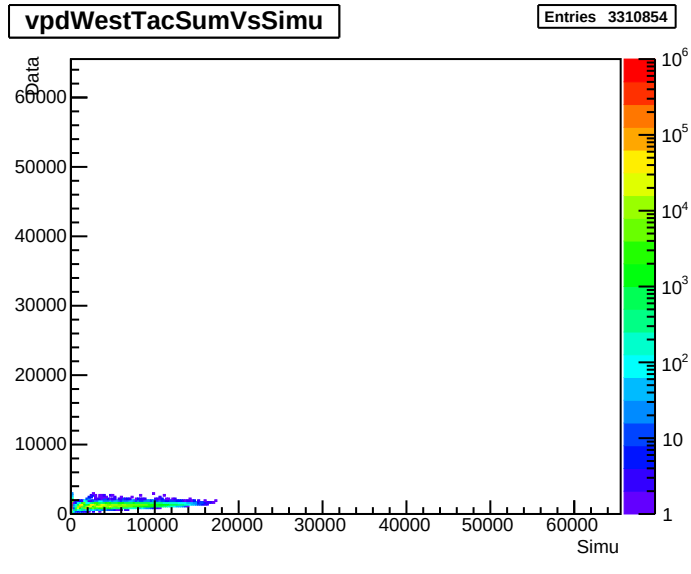

vpdWestAdcSum
Entries4263746

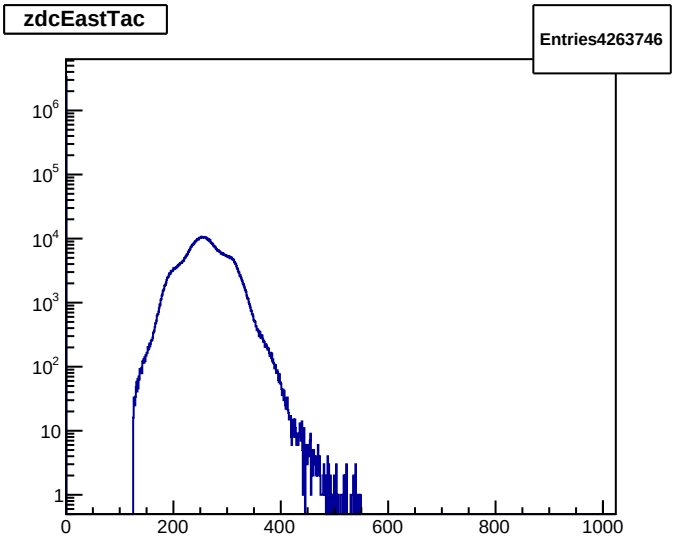

vpdWestAdcSumVsSimu
Entries 2918067
Data
Simu

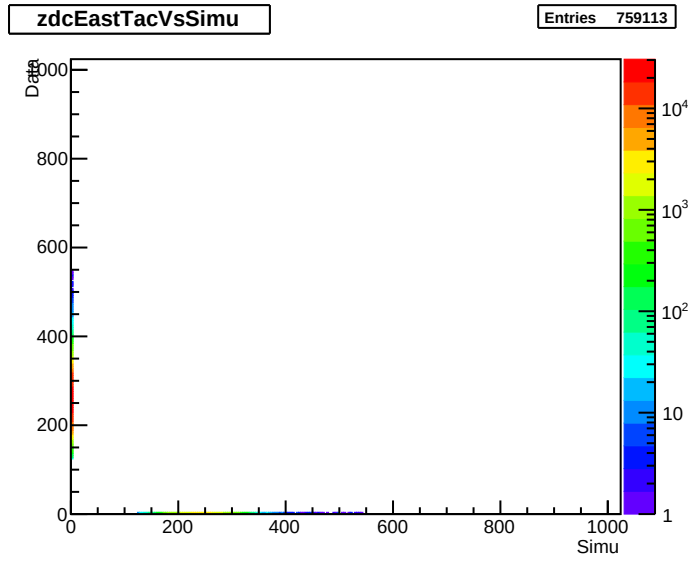

vpdWestNHits
Entries4263746

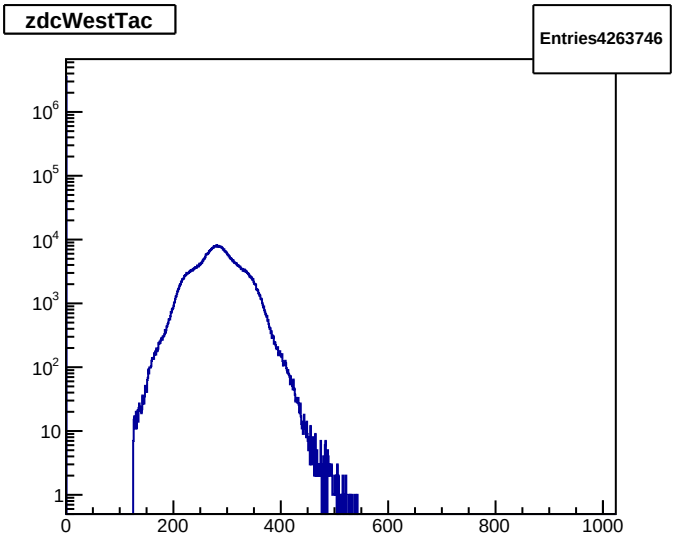

vpdWestNHitsVsSimu
Entries 1005768

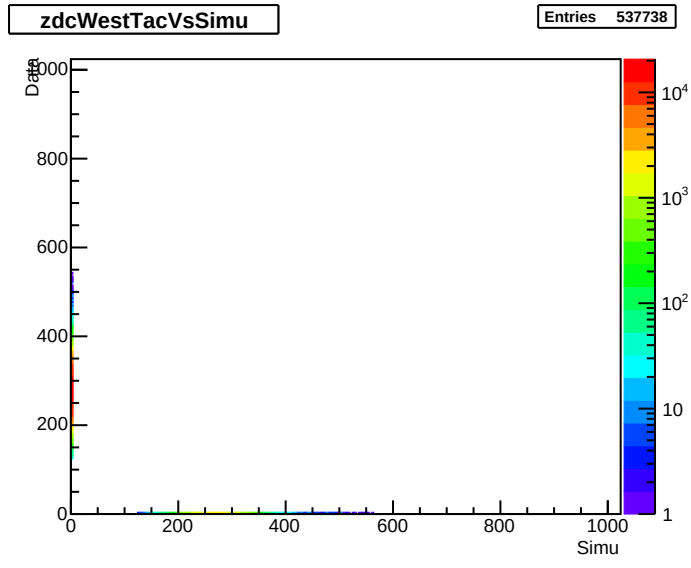

vpdWestTacSum
Entries4263746

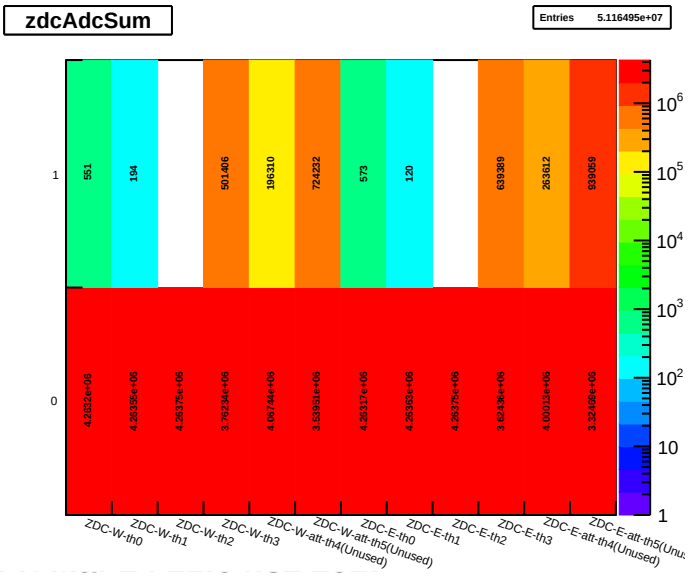

vpdWestTacSumVsSimu
Entries 3310854
Data
Simu

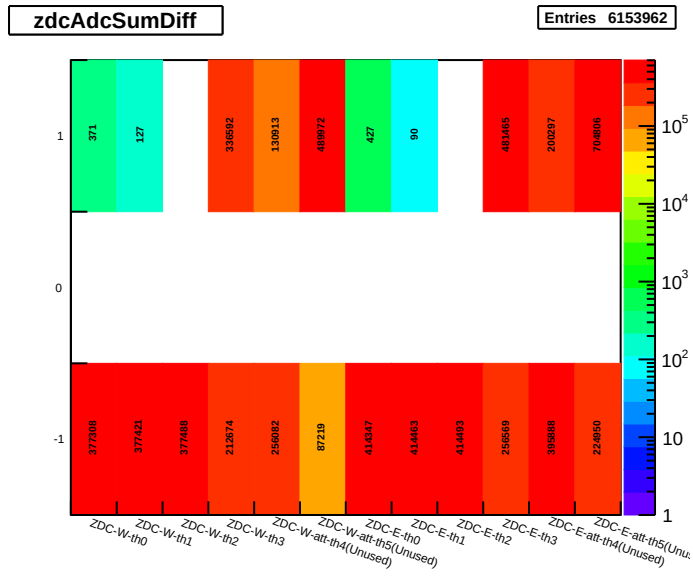

zdcEastTac
Entries4263746

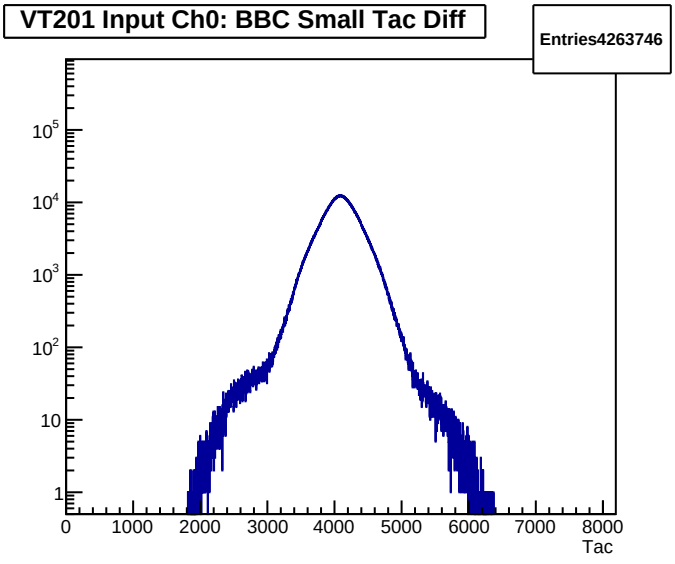

zdcEastTacVsSimu
Entries 759113
Data
Simu

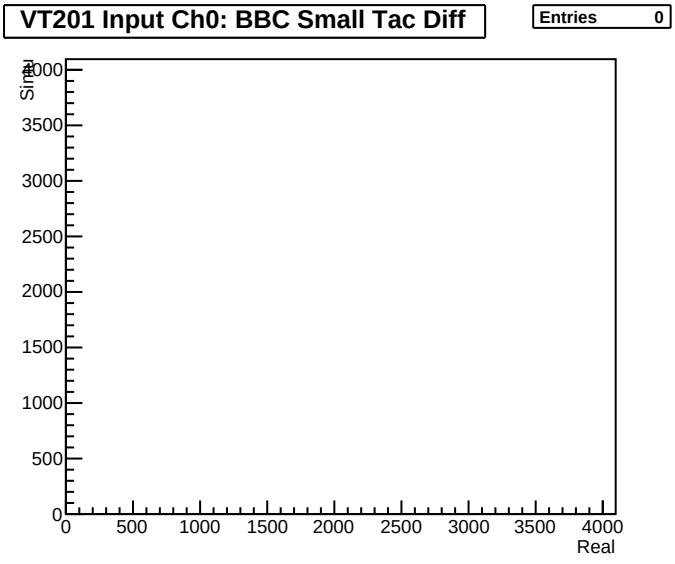

zdcWestTac
Entries4263746

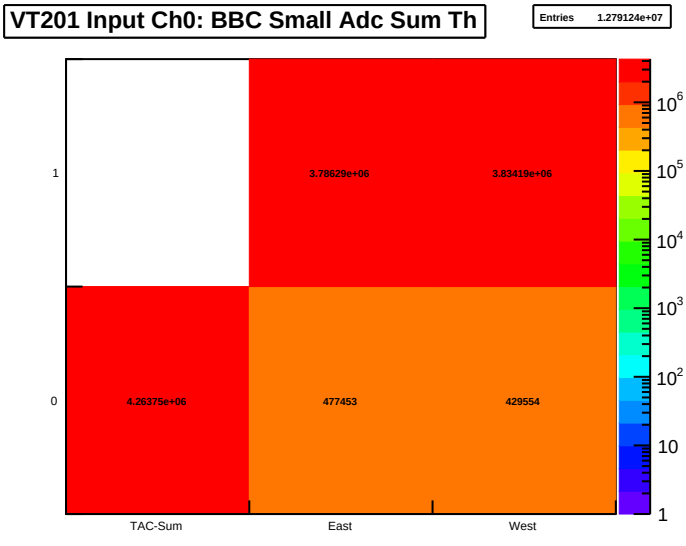

zdcWestTacVsSimu
Entries 537738
Data
Simu

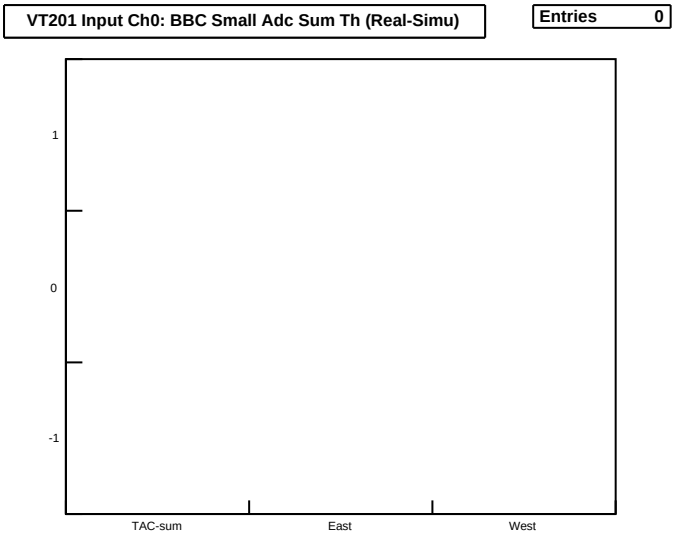

zdcAdcSum
Entries 5.116495e+07
551
194
501406
196310
724232
573
120
639309
263612
939059
4.2632e+06
4.26355e+06
4.26375e+06
3.76234e+06
4.06744e+06
3.53951e+06
4.26317e+06
4.26363e+06
4.26375e+06
3.62436e+06
4.00013e+06
3.32468e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

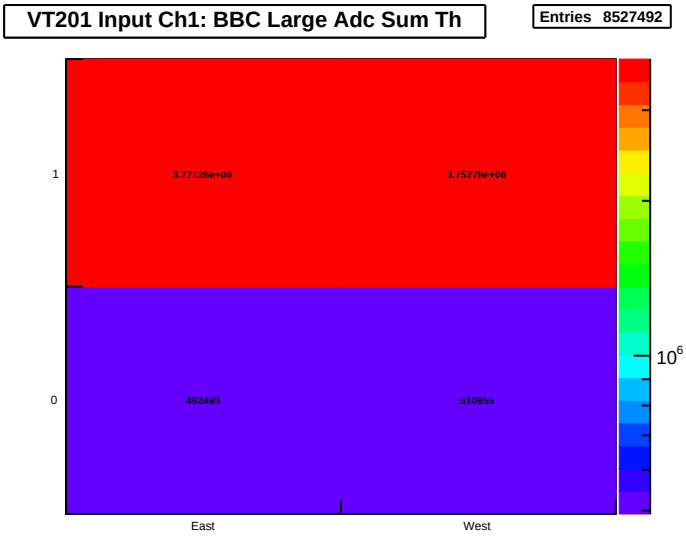

zdcAdcSumDiff
Entries 6153962
371
127
336592
130913
489872
427
90
481465
200297
704806
377308
377421
377488
212674
256082
87219
414347
414463
414493
255569
395888
224950
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

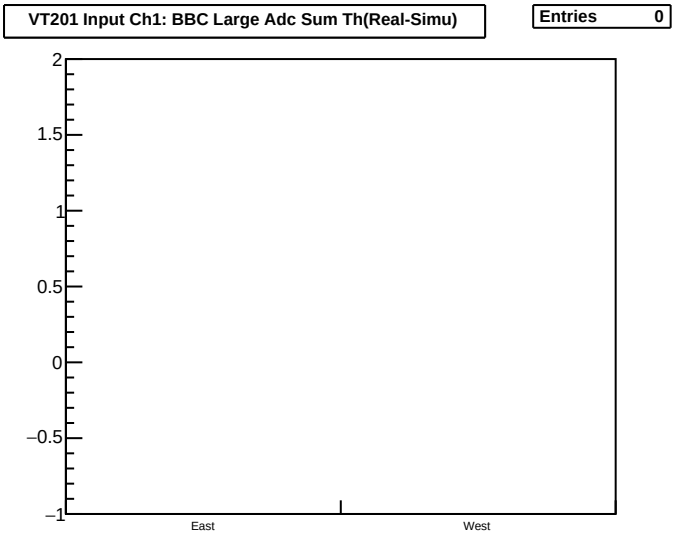

VT201 Input Ch0: BBC Small Tac Diff
Entries4263746
Tac


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

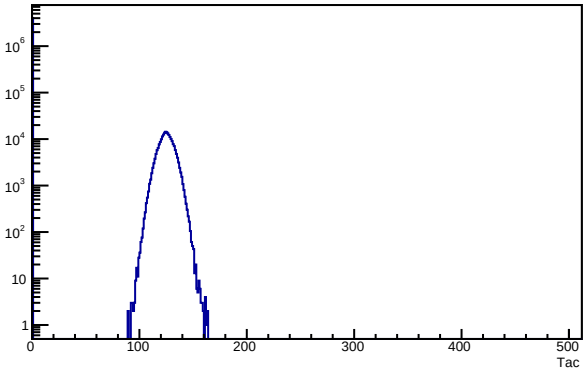

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.279124e+07
3.78629e+06
3.83419e+06
4.26375e+06
477453
429554
TAC-Sum
East
West


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

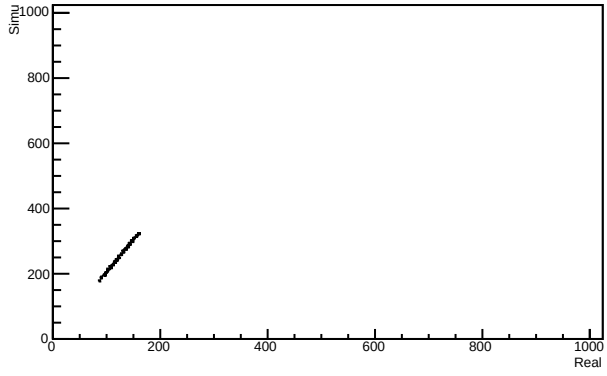

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 8527492
3.77126e+06
3.75279e+06
492490
510955
East
West


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

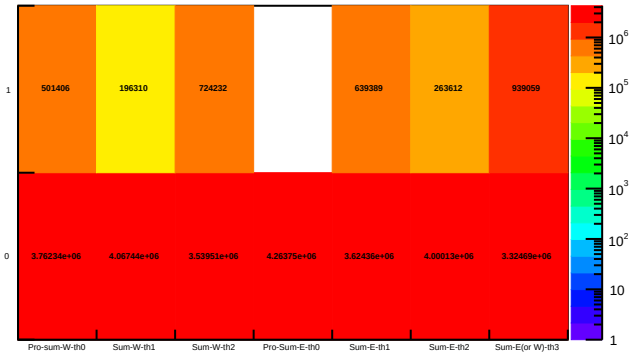
VT201 Input Ch2: ZDC Tac Diff



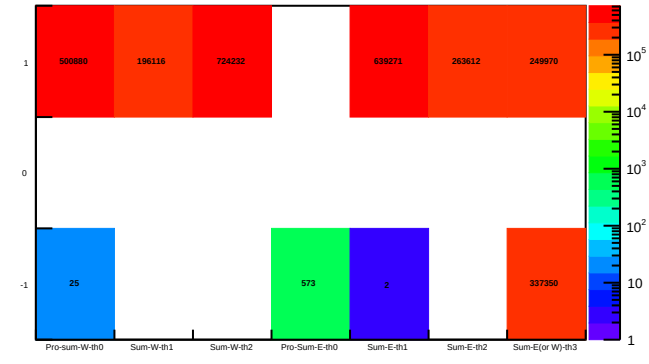
VT201 Input Ch2: ZDC Tac Diff



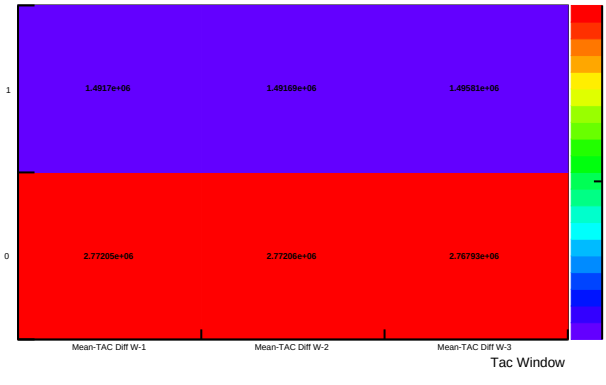
VT201 Input Ch2: ZDC Adc Sum Th



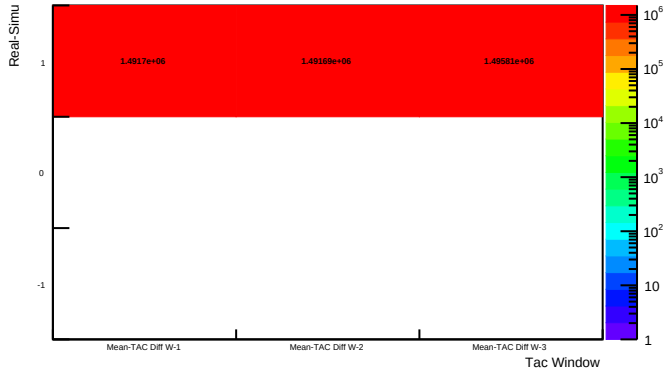
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



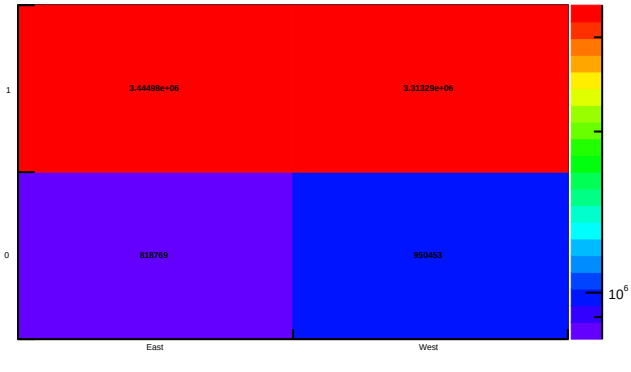
VT201 Input Ch4: VPD Tac Diff



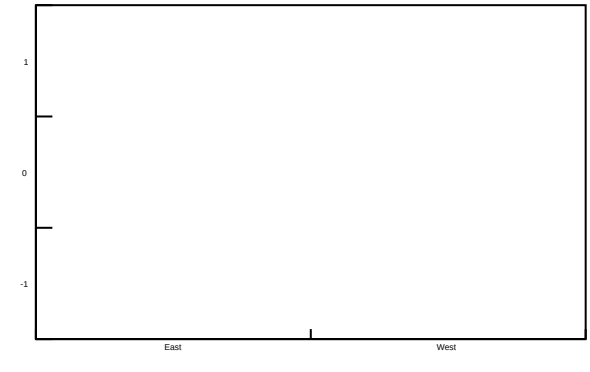
VT201 Input Ch4: VPD Tac Diff

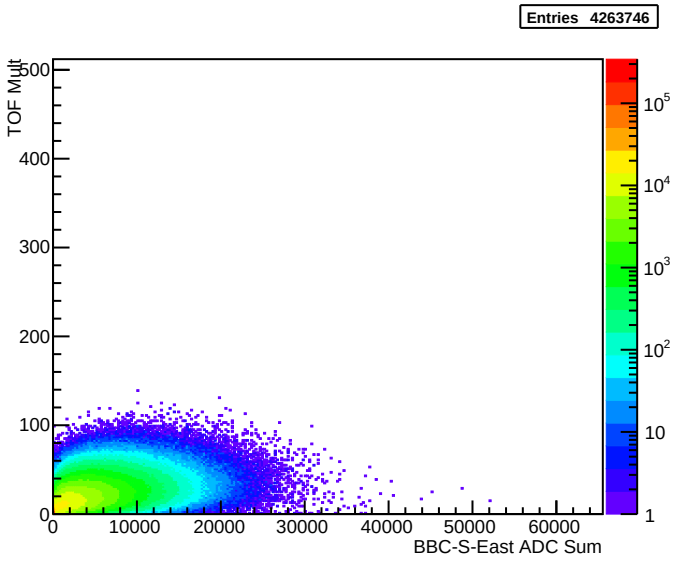


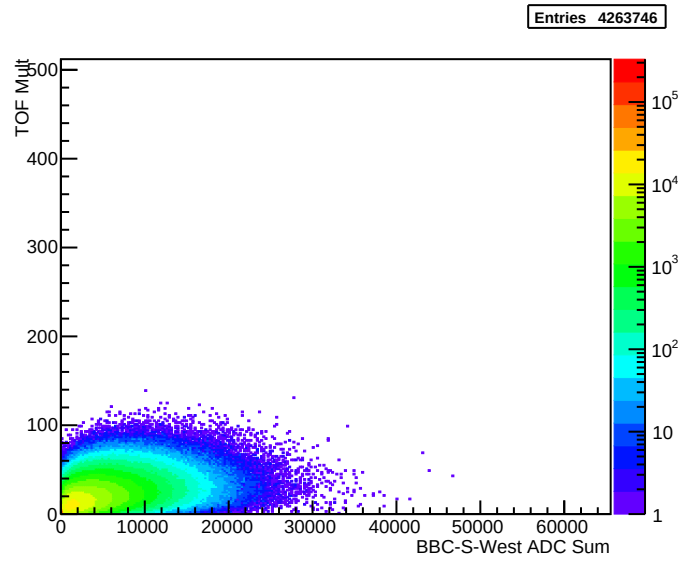
VT201 Input Ch4: VPD Adc Sum Th

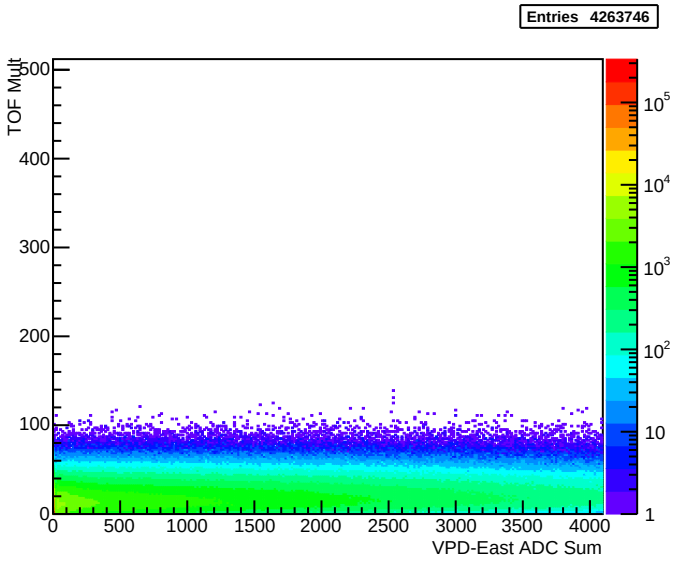


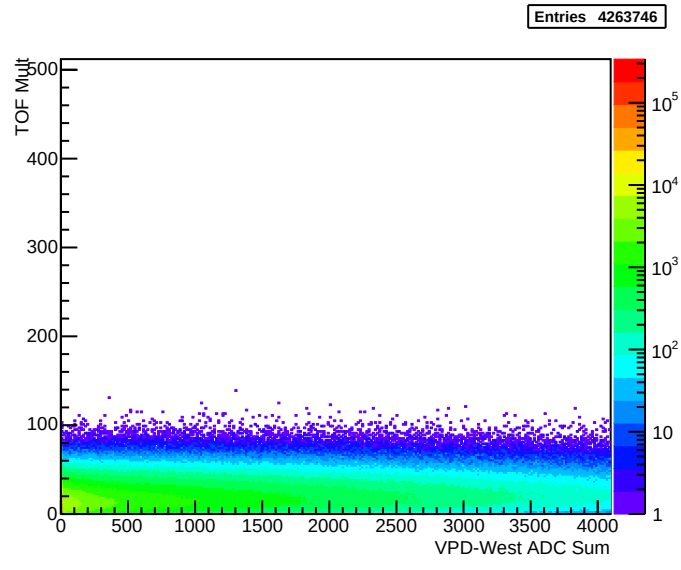
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

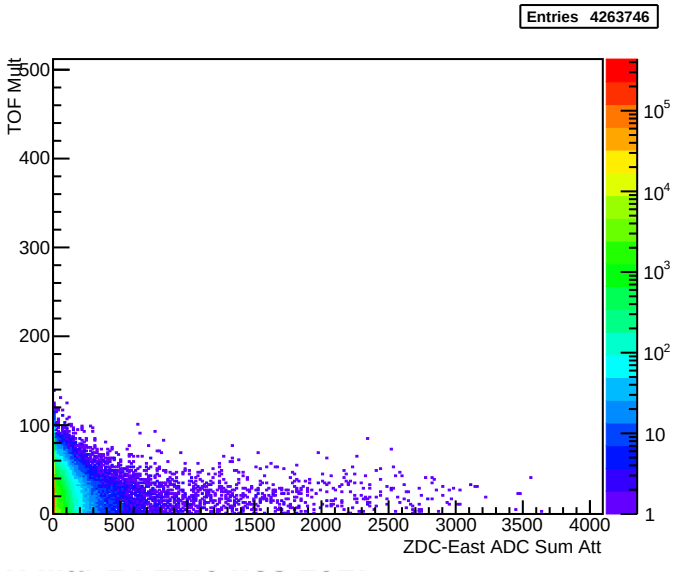


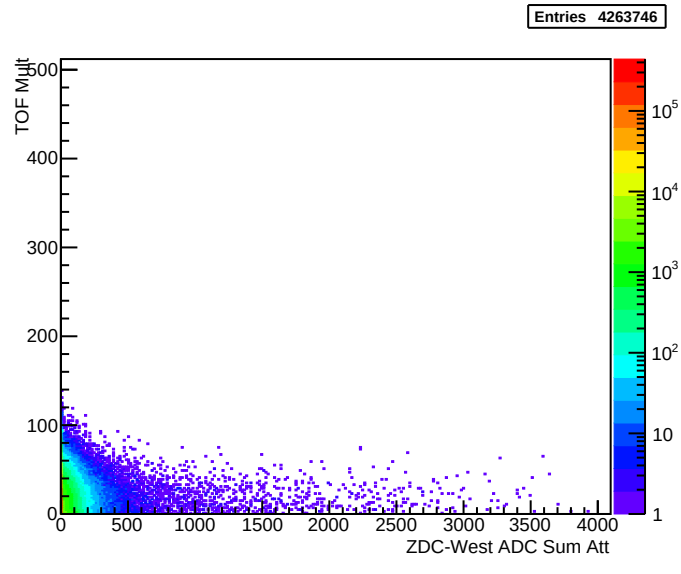

Entries 4263746
TOF Mult
BBC-S-East ADC Sum

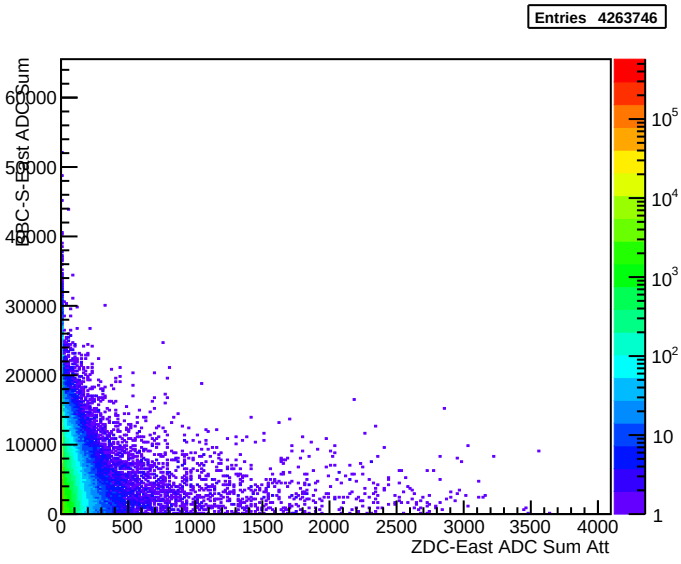

Entries 4263746
TOF Mult
BBC-S-West ADC Sum

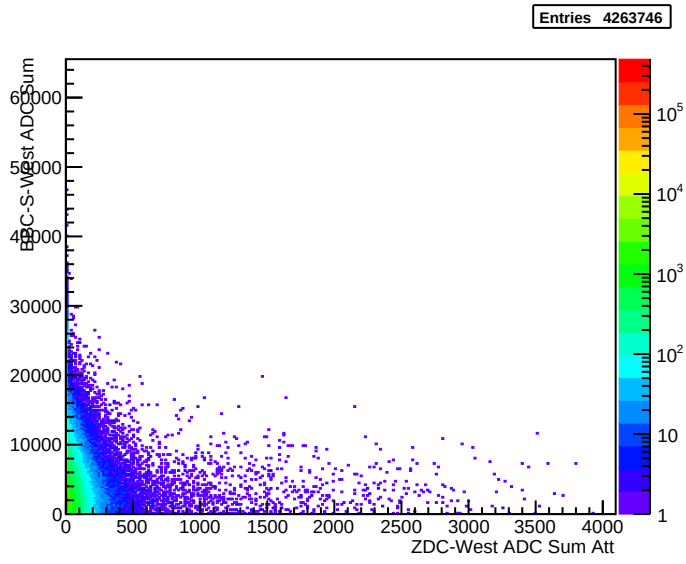

Entries 4263746
TOF Mult
VPD-East ADC Sum

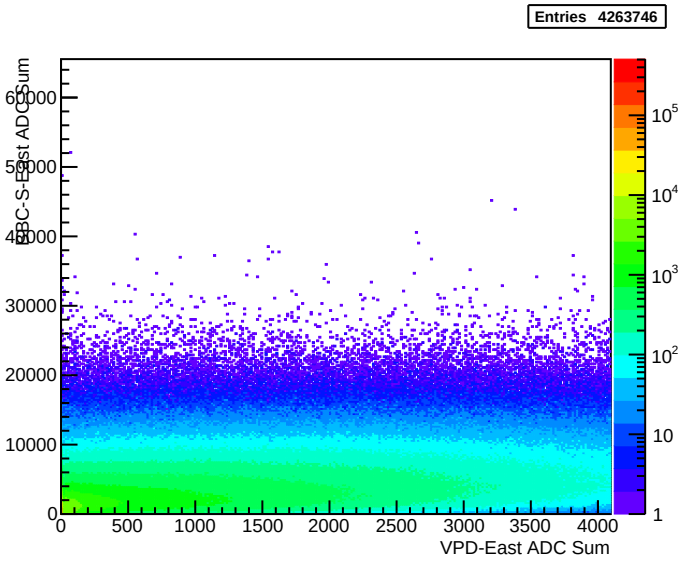

Entries 4263746
TOF Mult
VPD-West ADC Sum

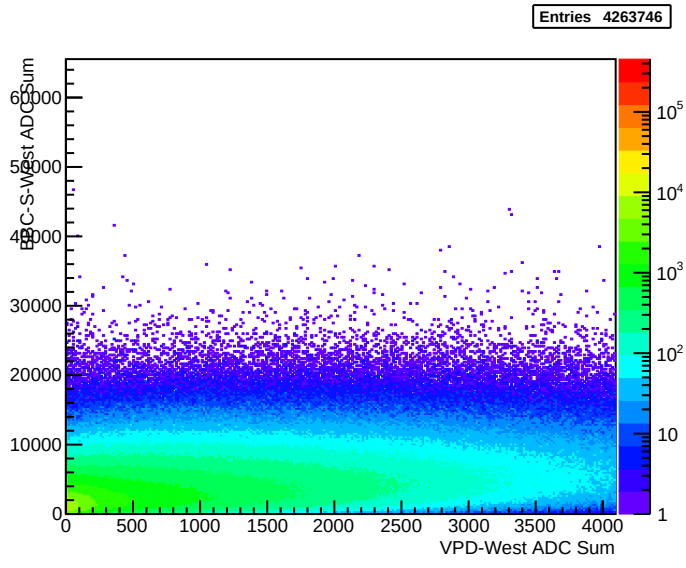

Entries 4263746
TOF Mult
ZDC-East ADC Sum Att

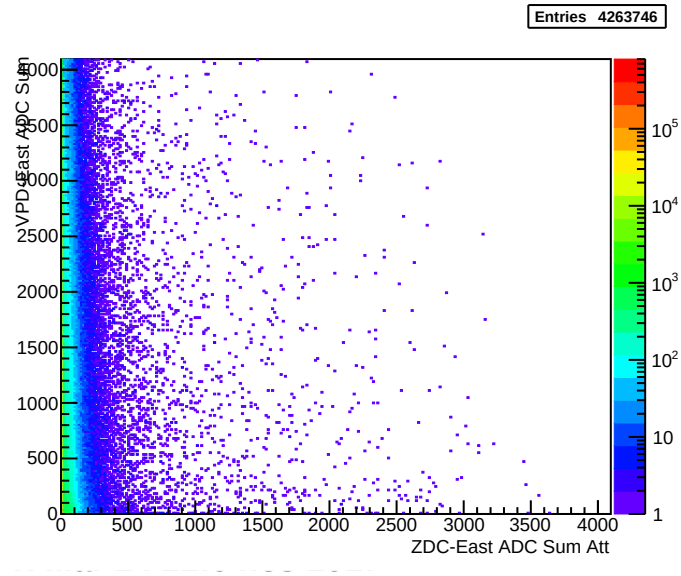

Entries 4263746
TOF Mult
ZDC-West ADC Sum Att

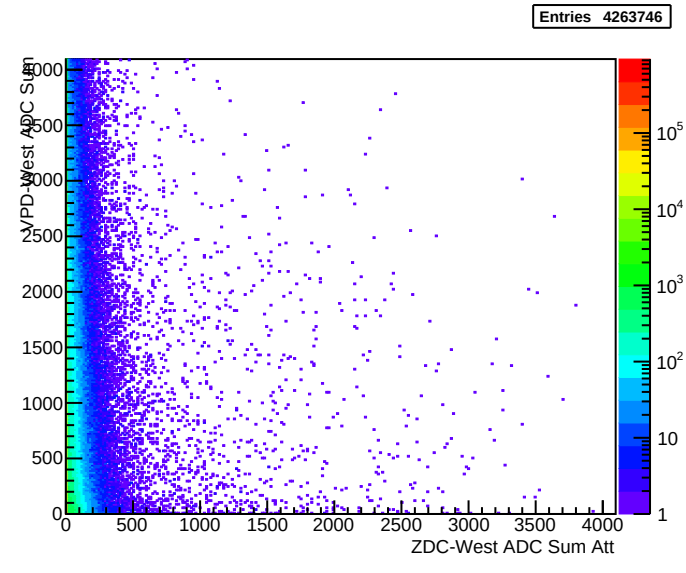

Entries 4263746
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

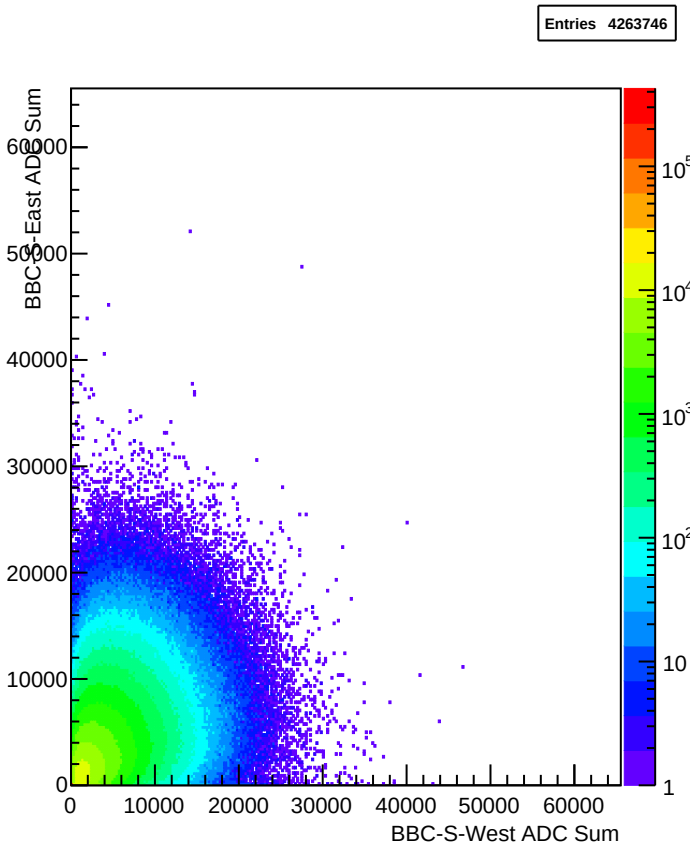

Entries 4263746
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

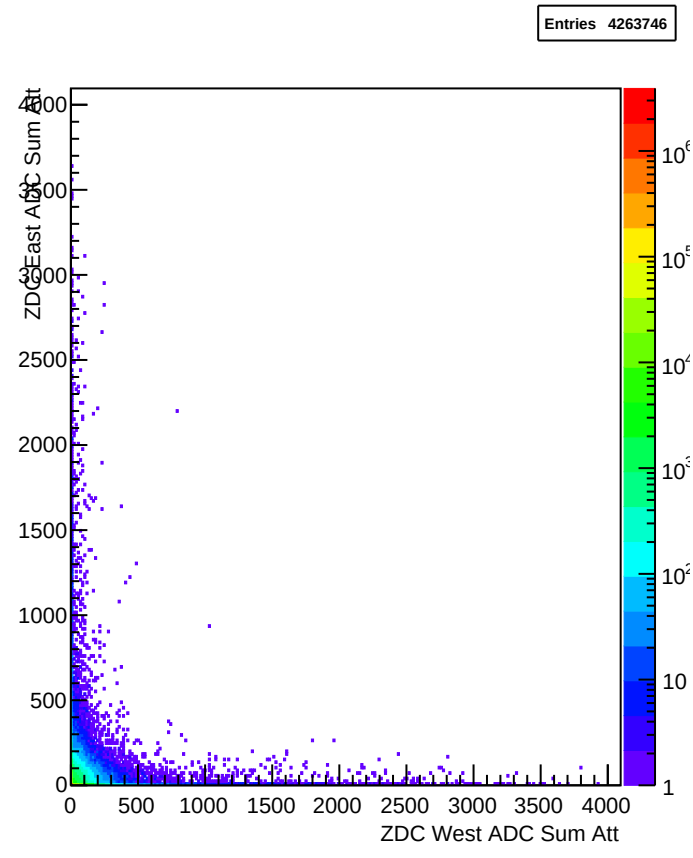

Entries 4263746
BBC-S-East ADC Sum
VPD-East ADC Sum

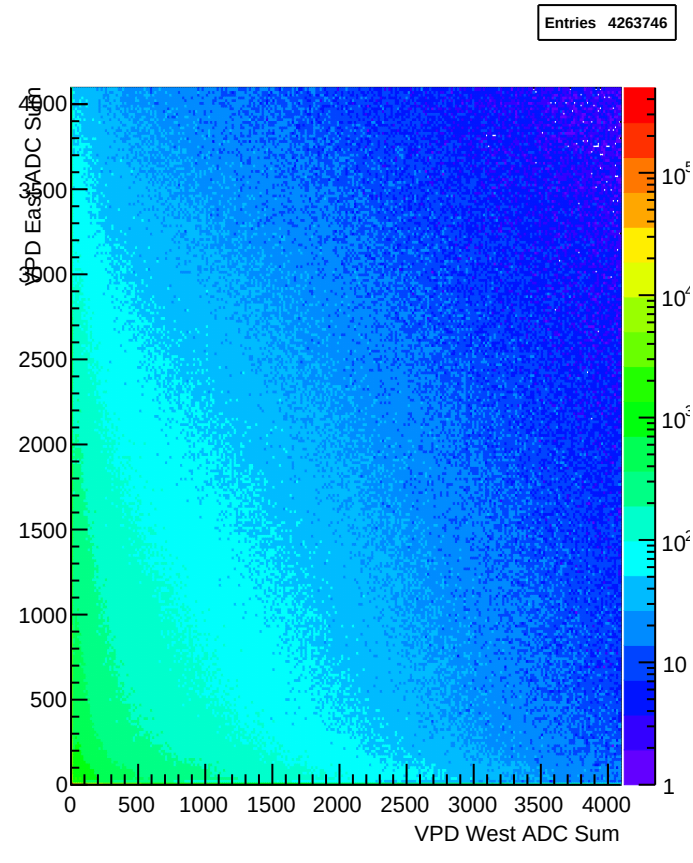

Entries 4263746
BBC-S-West ADC Sum
VPD-West ADC Sum

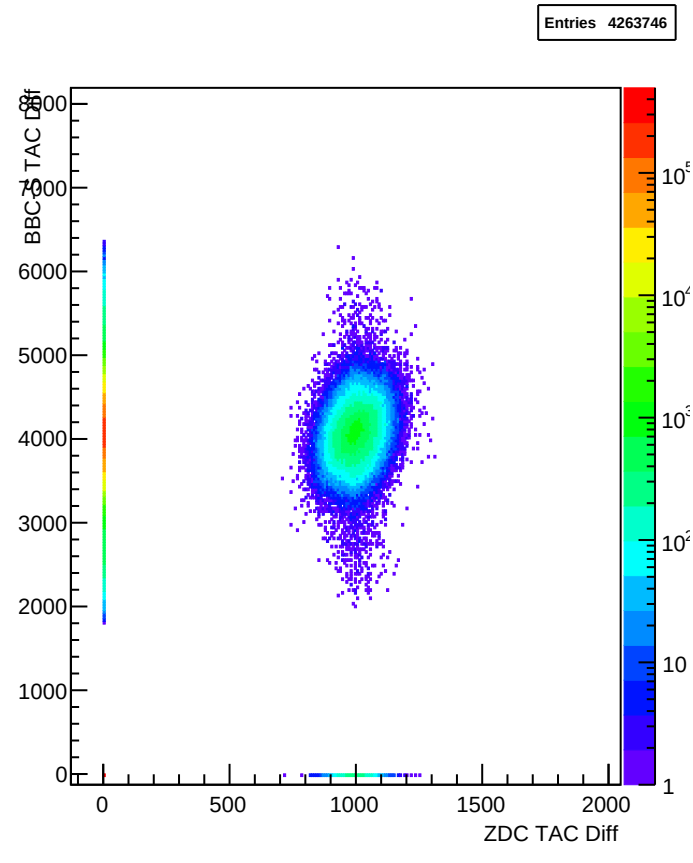

Entries 4263746
VPD-East ADC Sum
ZDC-East ADC Sum Att

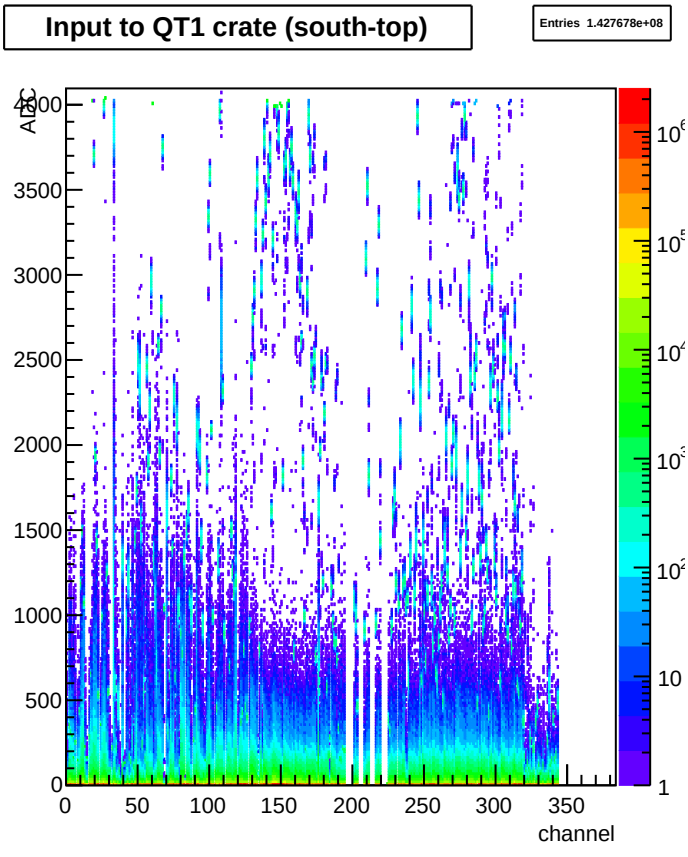

Entries 4263746
VPD-West ADC Sum
ZDC-West ADC Sum Att

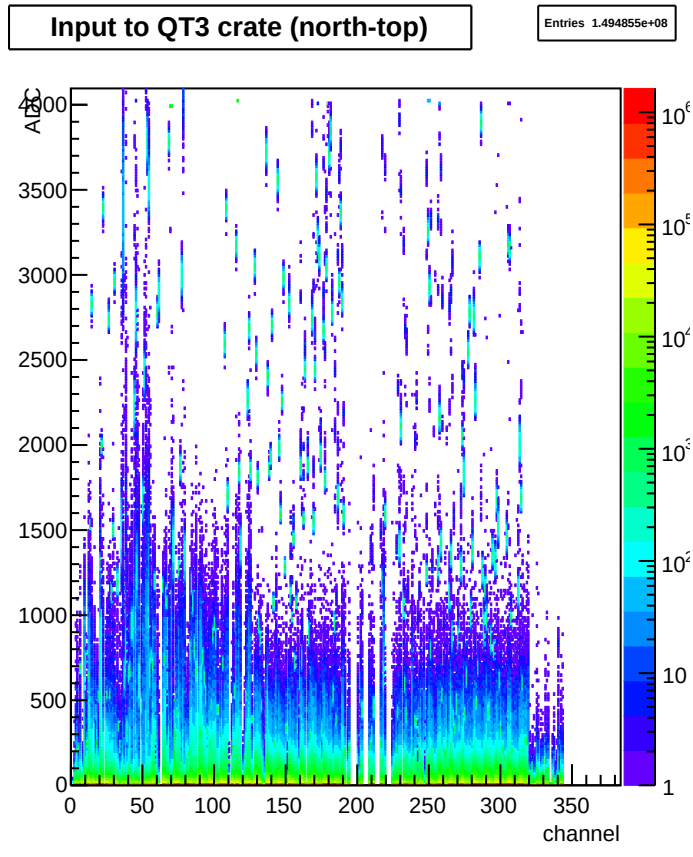

Entries 4263746
BBC-S-East ADC Sum
BBC-S-West ADC Sum

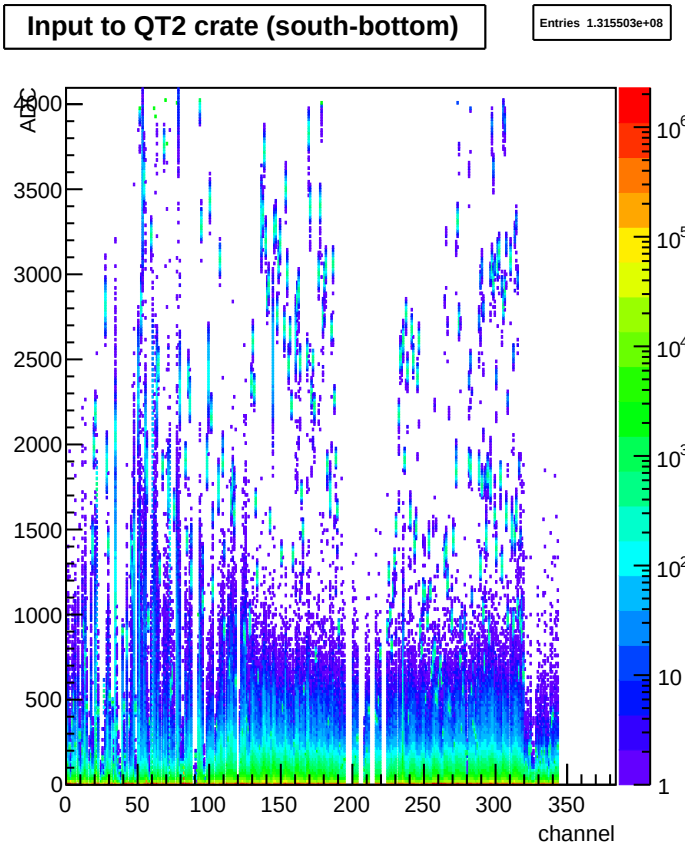

Entries 4263746
ZDC East ADC Sum Att
ZDC West ADC Sum Att

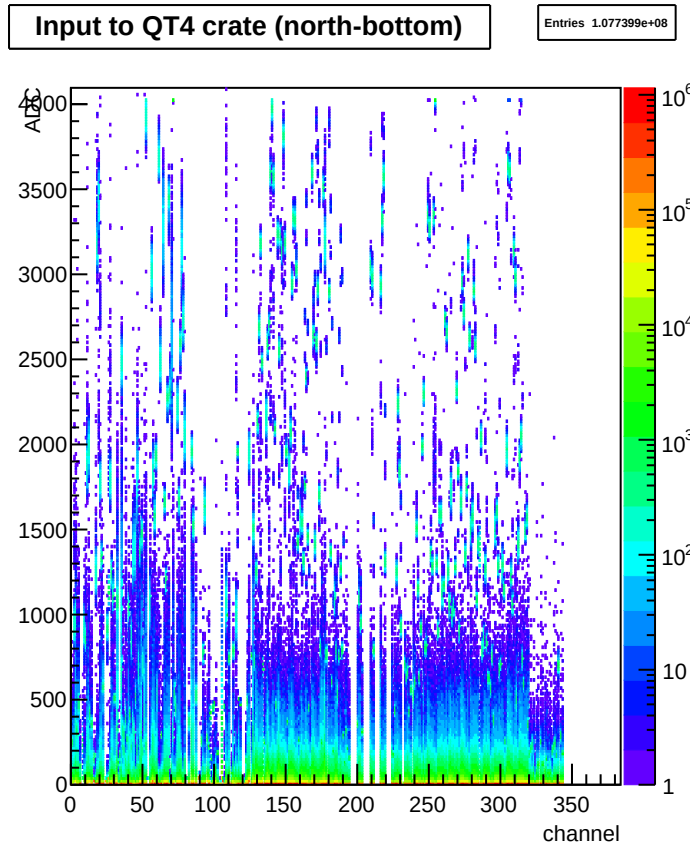

Entries 4263746
VPD East ADC Sum
VPD West ADC Sum

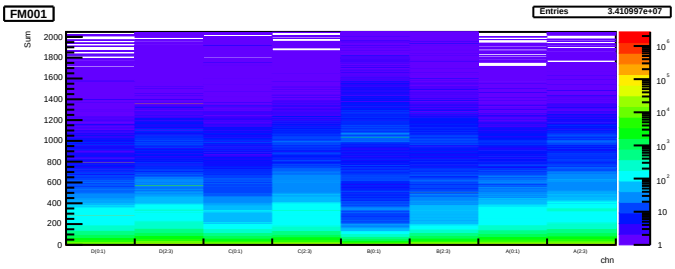

Entries 4263746
BBC-S TAC Diff
ZDC TAC Diff

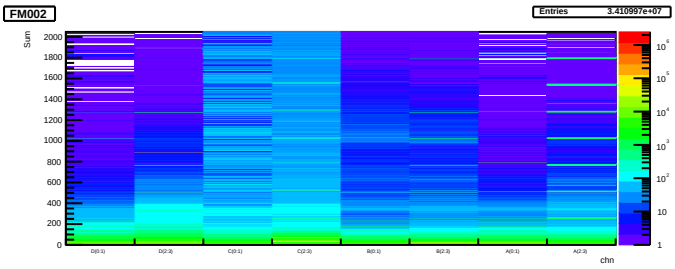

Input to QT1 crate (south-top)
Entries 1.427678e+08
ADC
channel

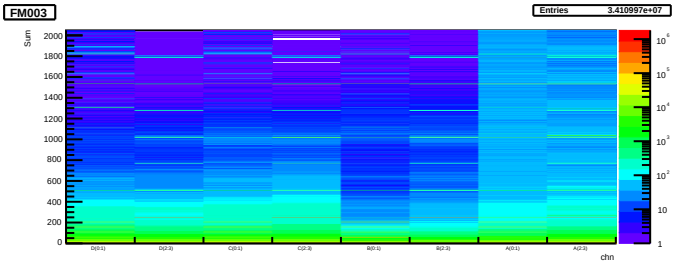

Input to QT3 crate (north-top)
Entries 1.494855e+08
ADC
channel

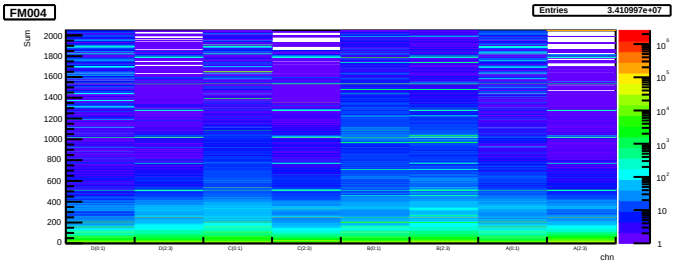

Input to QT2 crate (south-bottom)
Entries 1.315503e+08
ADC
channel

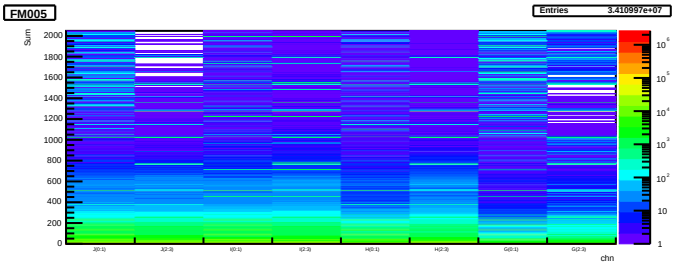

Input to QT4 crate (north-bottom)
Entries 1.077399e+08
ADC
channel

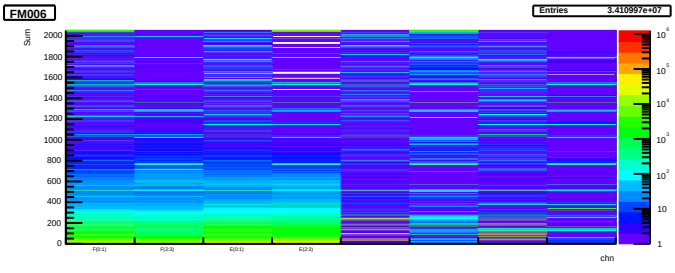

FM001
Entries 3.410997e+07
Sum
chn

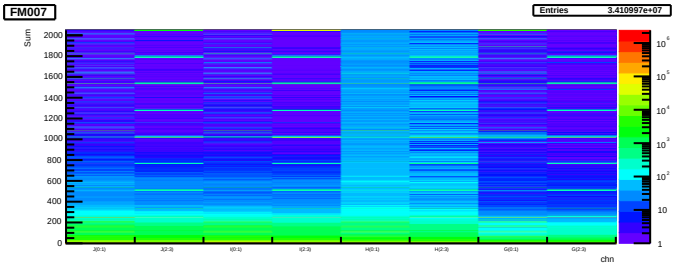

FM002
Entries 3.410997e+07
Sum
chn

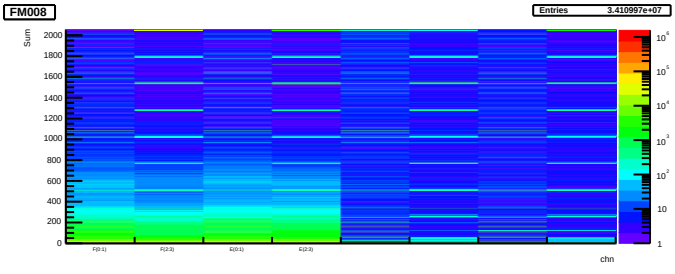

FM003
Entries 3.410997e+07
Sum
chn

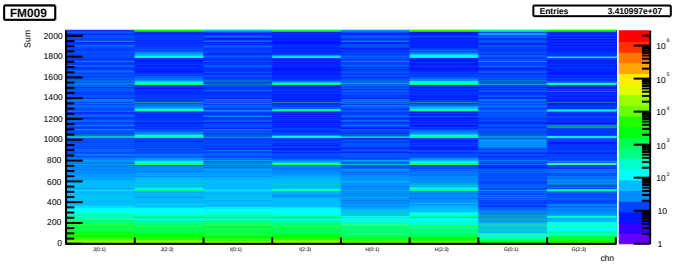

FM004
Entries 3.410997e+07
Sum
chn

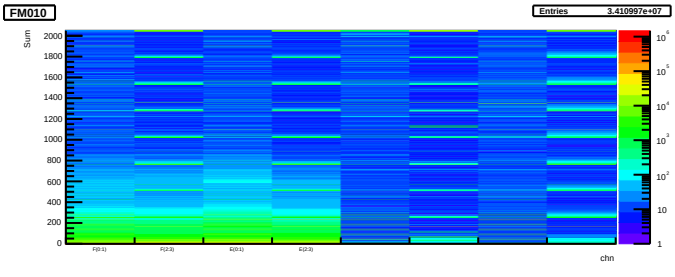

FM005
Entries 3.410997e+07
Sum
chn

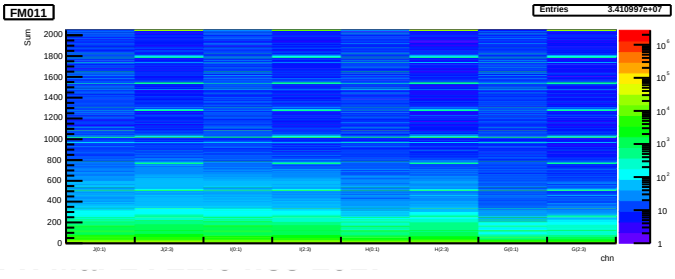

FM006
Entries 3.410997e+07
Sum
chn

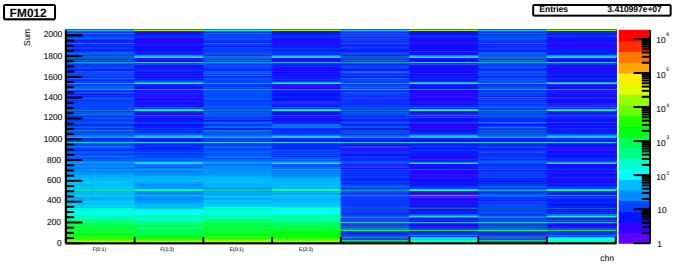

FM007
Entries 3.410997e+07
Sum
chn

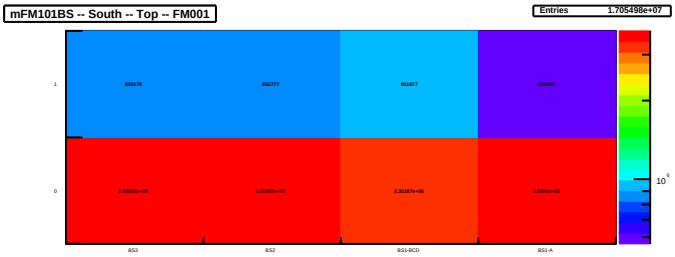

FM008
Entries 3.410997e+07
Sum
chn

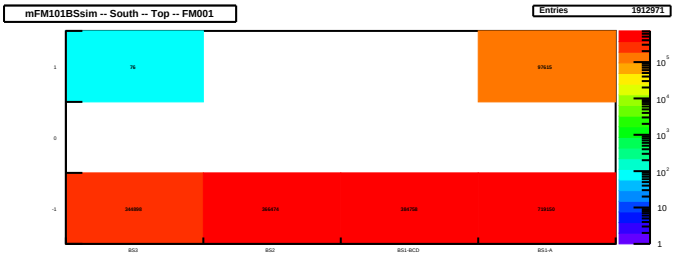

FM009
Entries 3.410997e+07
Sum
chn

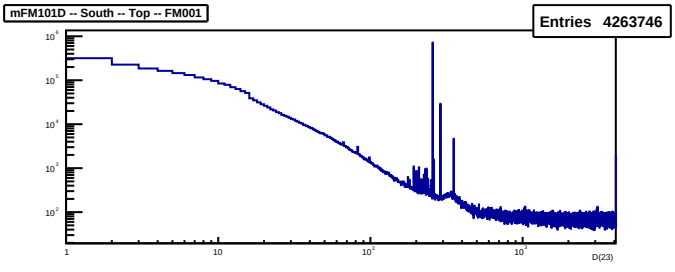

FM010
Entries 3.410997e+07
Sum
chn

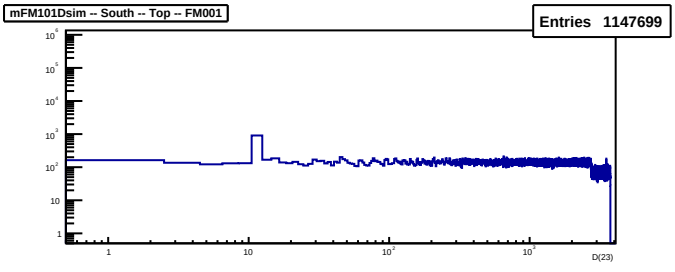

FM011
Entries 3.410997e+07
Sum
chn

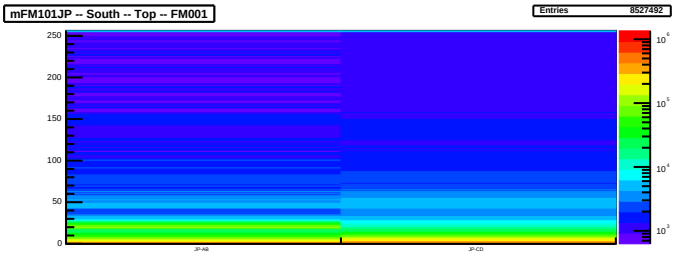

FM012
Entries 3.410997e+07
Sum
chn

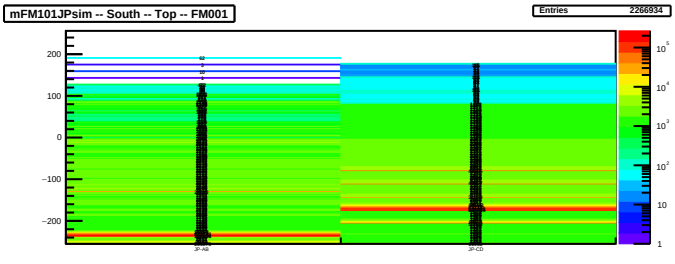

mFM101BS -- South -- Top -- FM001
Entries 1.705498e+07

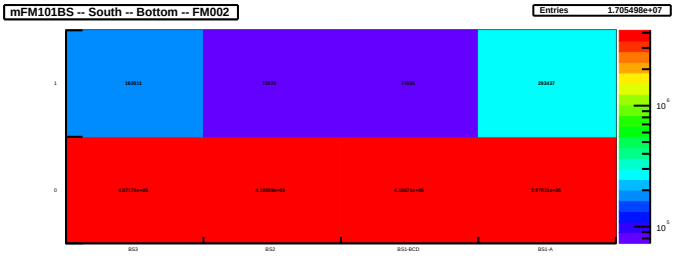

mFM101BSsim -- South -- Top -- FM001
Entries 1912971

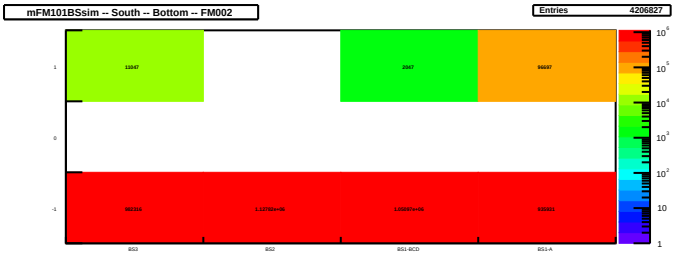

mFM101D -- South -- Top -- FM001
Entries 4263746
D(23)

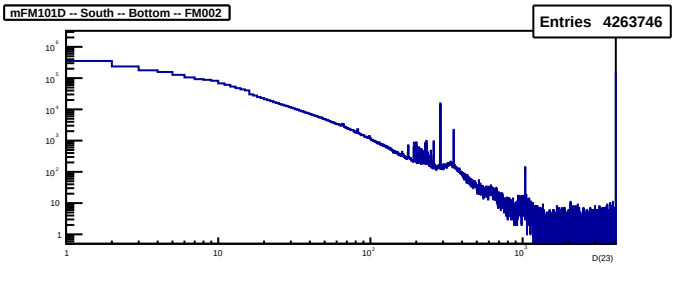

mFM101Dsim -- South -- Top -- FM001
Entries 1147699
D(23)

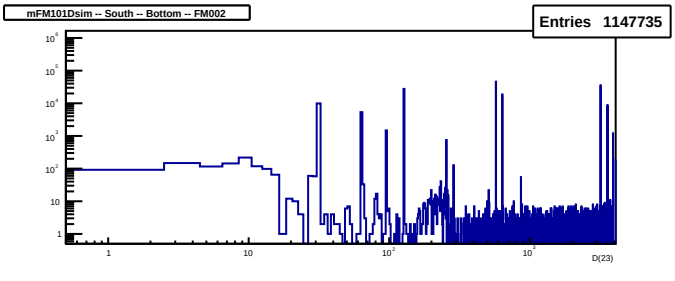

mFM101JP -- South -- Top -- FM001
Entries 8527492

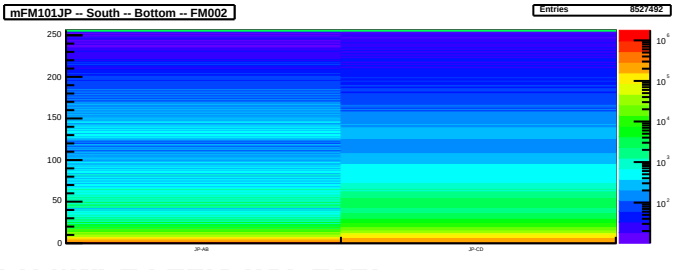

mFM101JPsim -- South -- Top -- FM001
Entries 2266934

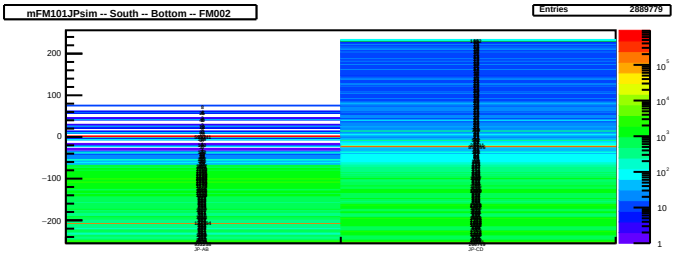

mFM101BS -- South -- Bottom -- FM002
Entries 1.705498e+07

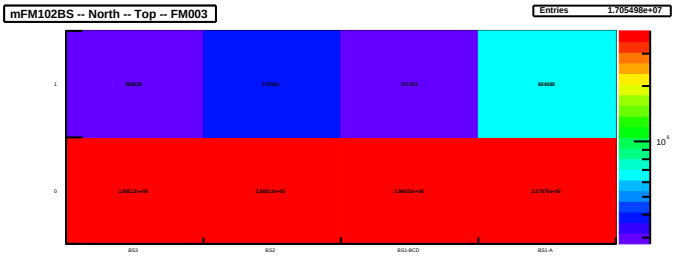

mFM101BSsim -- South -- Bottom -- FM002
Entries 4206827

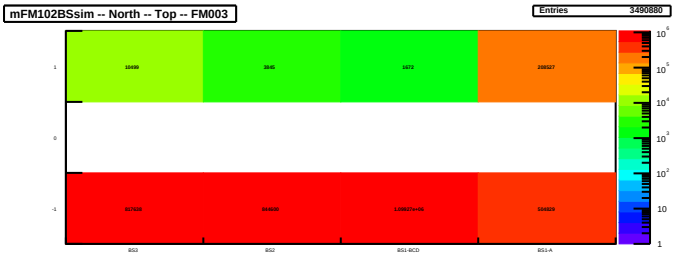

mFM101D -- South -- Bottom -- FM002
Entries 4263746
D(23)

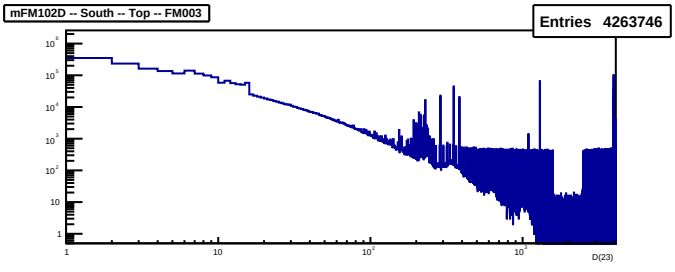

mFM101Dsim -- South -- Bottom -- FM002
Entries 1147735
D(23)

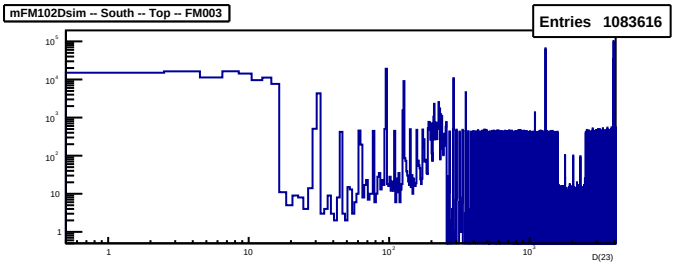

mFM101JP -- South -- Bottom -- FM002
Entries 8527492

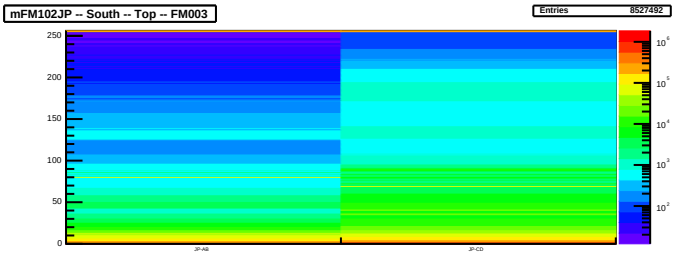

mFM101JPsim -- South -- Bottom -- FM002
Entries 2889779

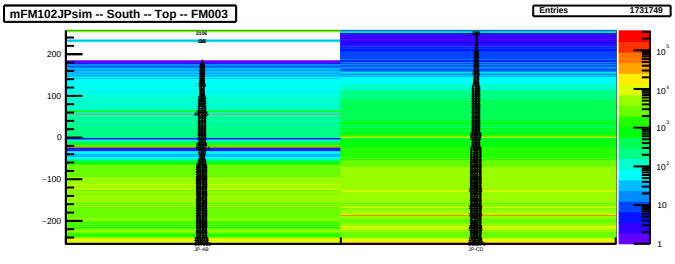

mFM102BS -- North -- Top -- FM003
Entries 1.705498e+07

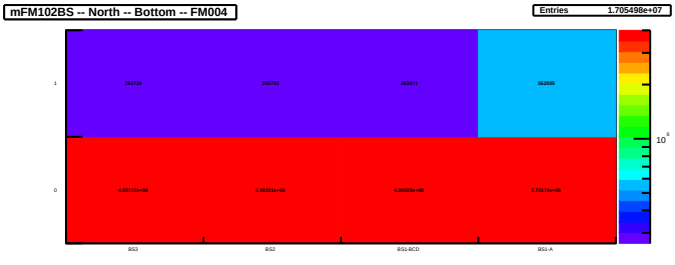

mFM102BSsim -- North -- Top -- FM003
Entries 3490880

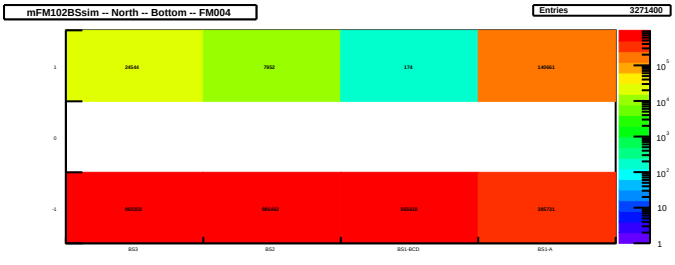

mFM102D -- South -- Top -- FM003
Entries 4263746
D(23)

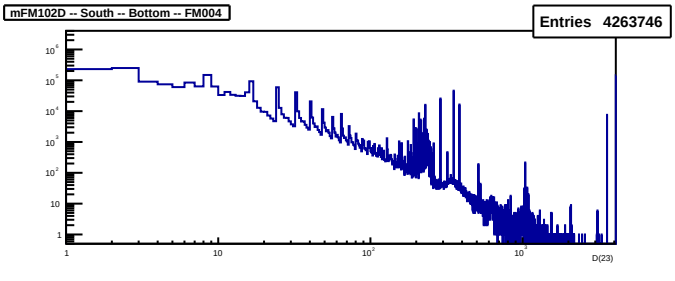

mFM102Dsim -- South -- Top -- FM003
Entries 1083616
D(23)

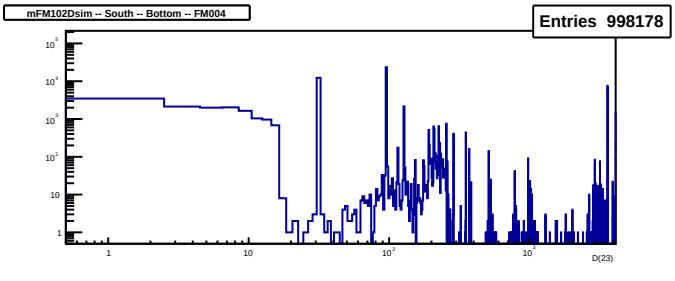

mFM102JP -- South -- Top -- FM003
Entries 8527492

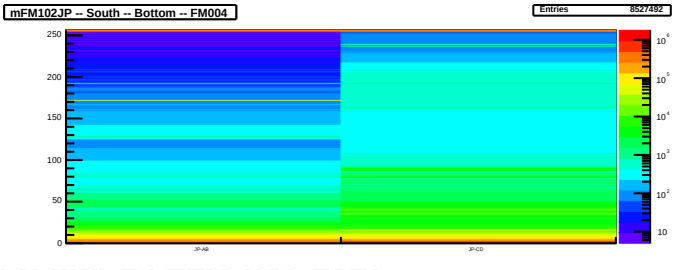

mFM102JPsim -- South -- Top -- FM003
Entries 1731749

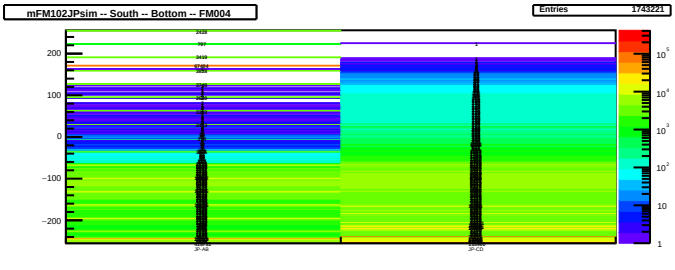

mFM102BS -- North -- Bottom -- FM004
Entries 1.705498e+07

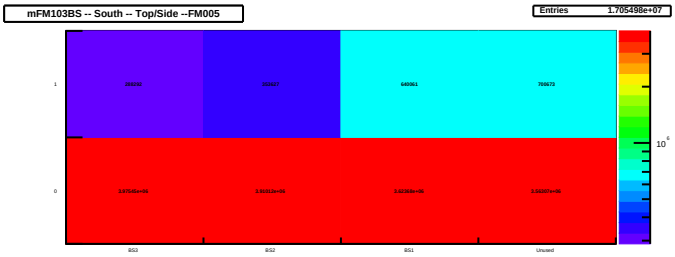

mFM102BSsim -- North -- Bottom -- FM004
Entries 3271400

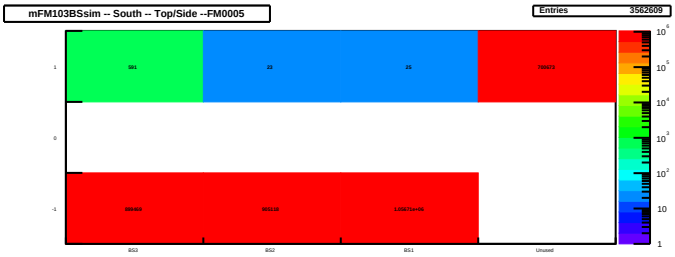

mFM102D -- South -- Bottom -- FM004
Entries 4263746
D(23)

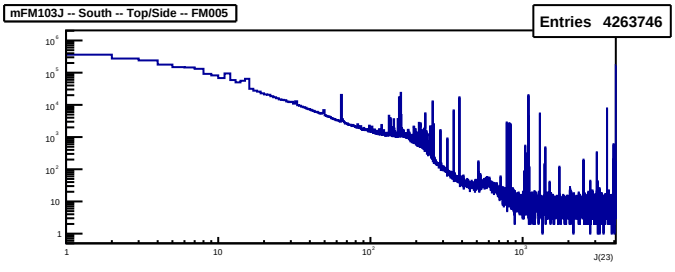

mFM102Dsim -- South -- Bottom -- FM004
Entries 998178
D(23)

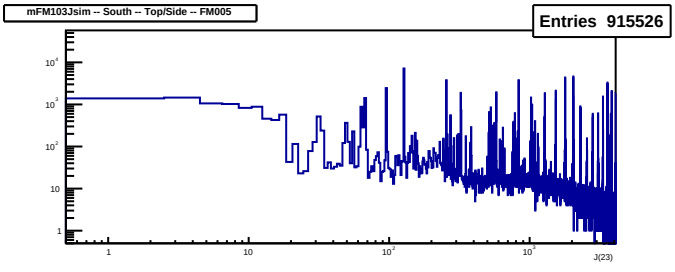

mFM102JP -- South -- Bottom -- FM004
Entries 8527492

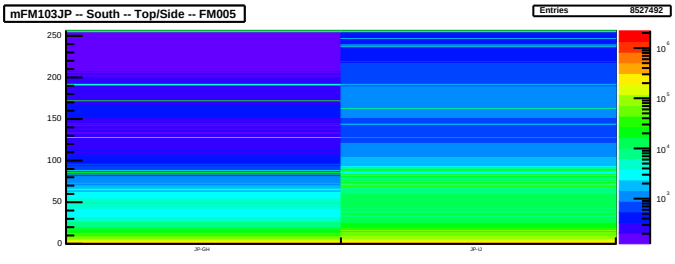

mFM102JPsim -- South -- Bottom -- FM004
Entries 1743221

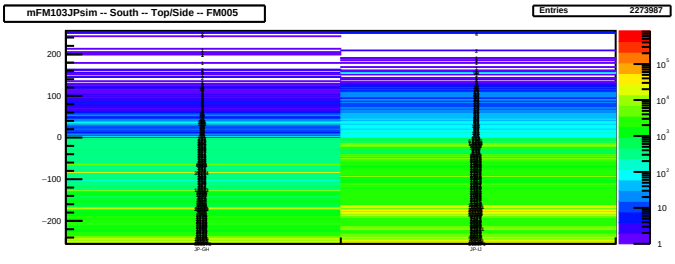

mFM103BS -- South -- Top/Side --FM005
Entries 1.705498e+07

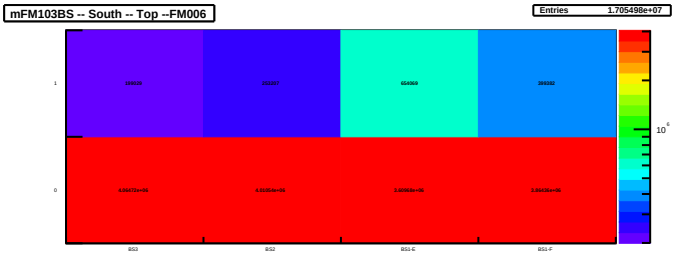

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3562609

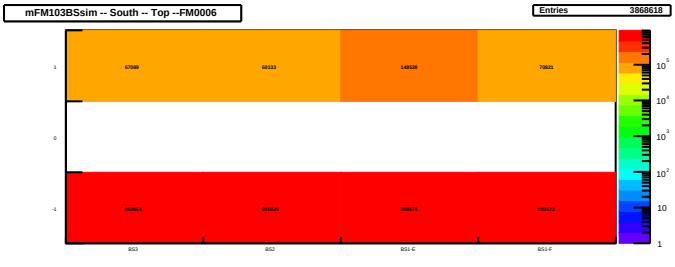

mFM103J -- South -- Top/Side -- FM005
Entries 4263746
J(23)

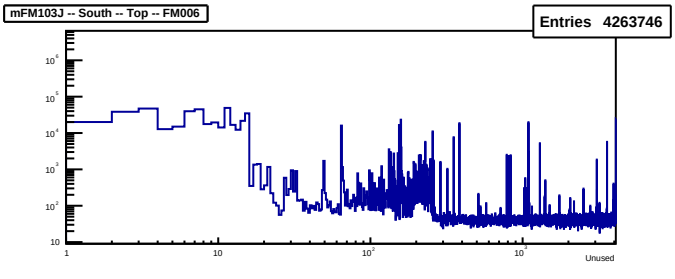

mFM103Jsim -- South -- Top/Side -- FM005
Entries 915526
J(23)

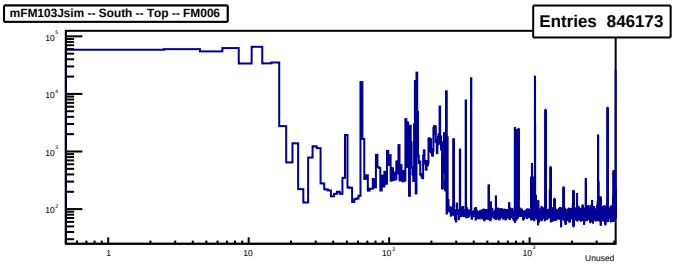

mFM103JP -- South -- Top/Side -- FM005
Entries 8527492

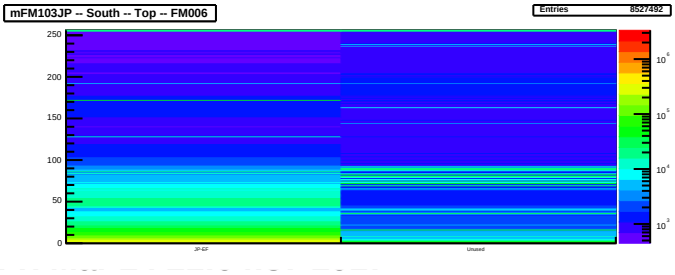

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2273987

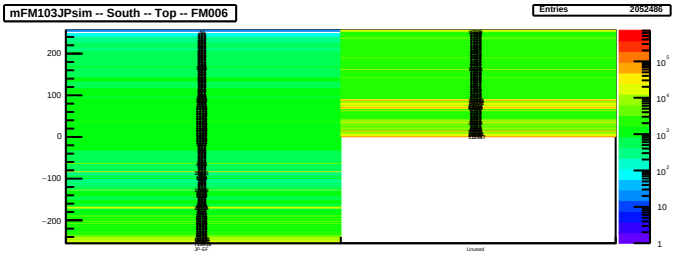

mFM103BS -- South -- Top --FM006
Entries 1.705498e+07

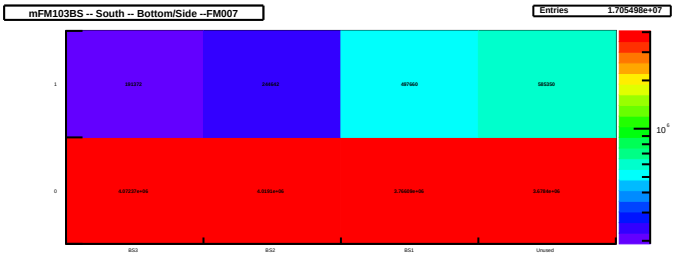

mFM103BSsim -- South -- Top --FM0006
Entries 3868618

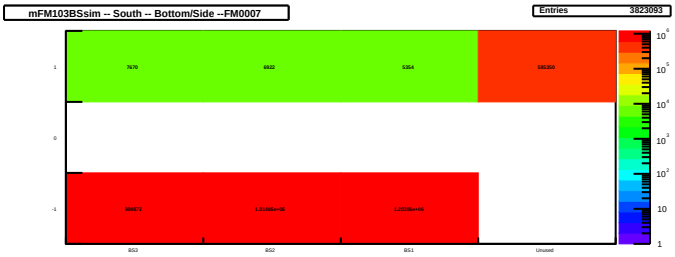

mFM103J -- South -- Top -- FM006
Entries 4263746
Unused

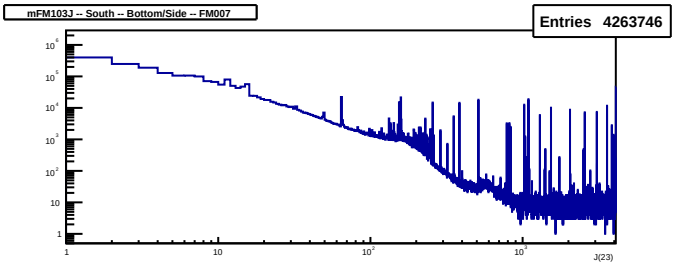

mFM103Jsim -- South -- Top -- FM006
Entries 846173
Unused

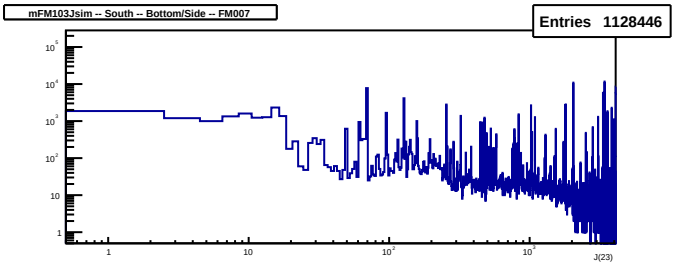

mFM103JP -- South -- Top -- FM006
Entries 8527492

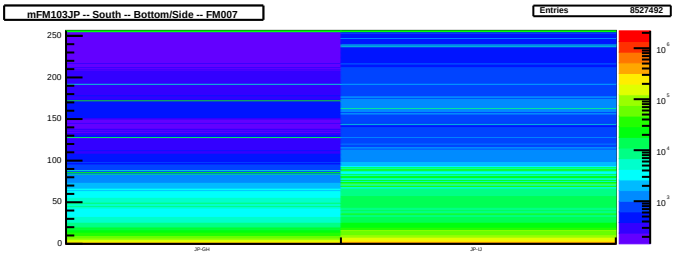

mFM103JPsim -- South -- Top -- FM006
Entries 2052486

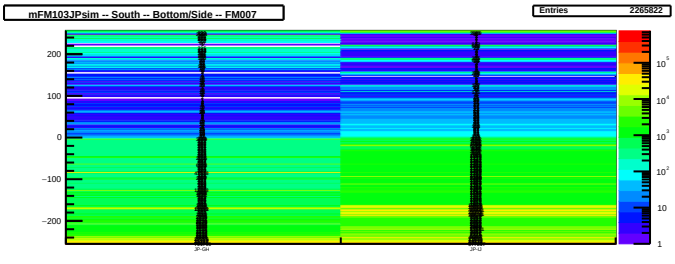

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.705498e+07

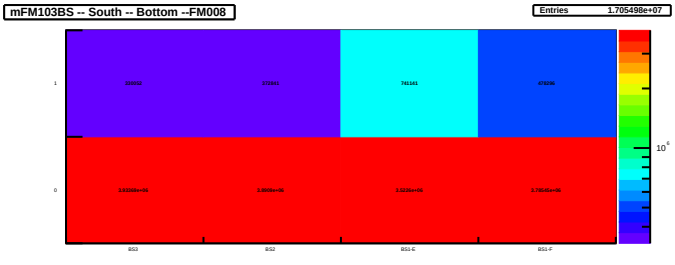

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3823093

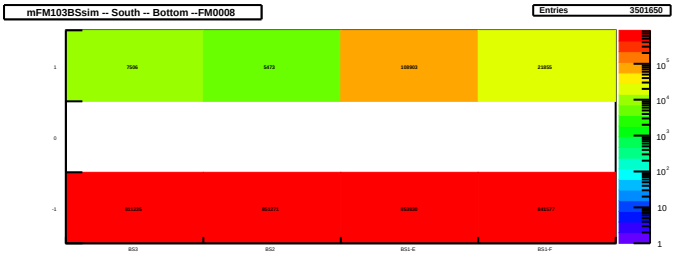

mFM103J -- South -- Bottom/Side -- FM007
Entries 4263746
J(23)

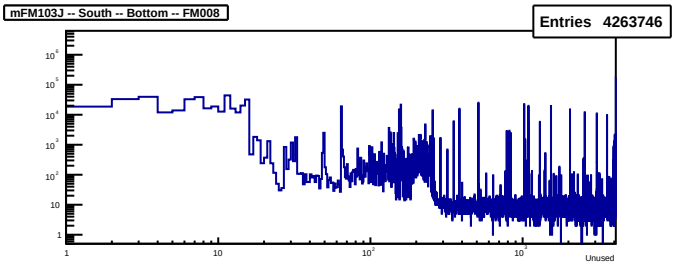

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1128446
J(23)

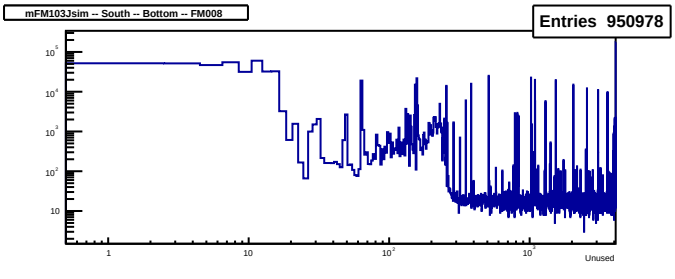

mFM103JP -- South -- Bottom/Side -- FM007
Entries 8527492

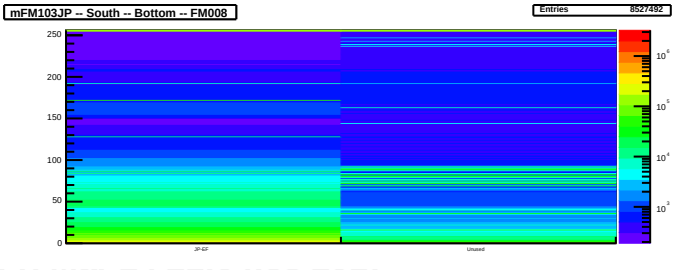

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2265822

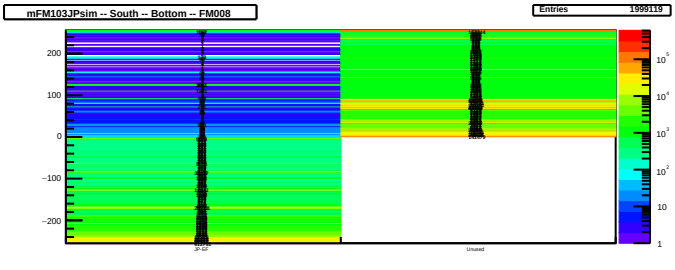

mFM103BS -- South -- Bottom --FM008
Entries 1.705498e+07

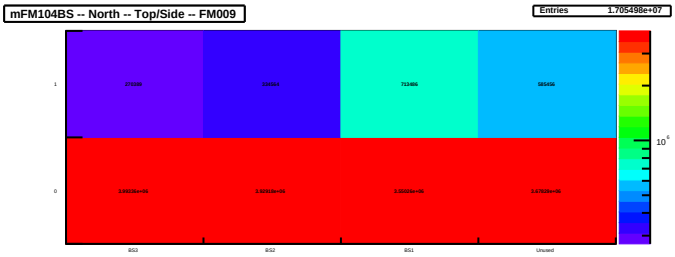

mFM103BSsim -- South -- Bottom --FM0008
Entries 3501650

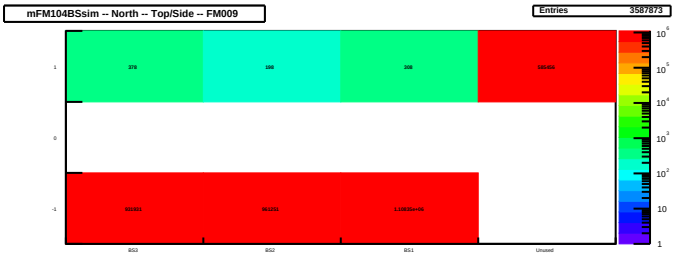

mFM103J -- South -- Bottom -- FM008
Entries 4263746
Unused

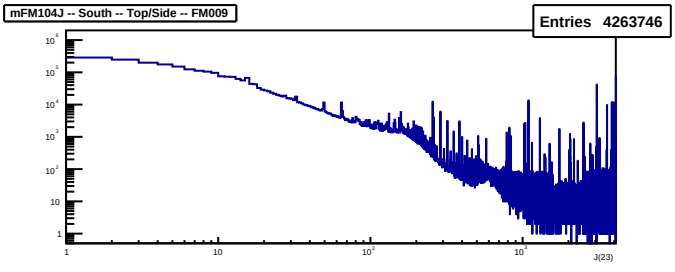

mFM103Jsim -- South -- Bottom -- FM008
Entries 950978
Unused

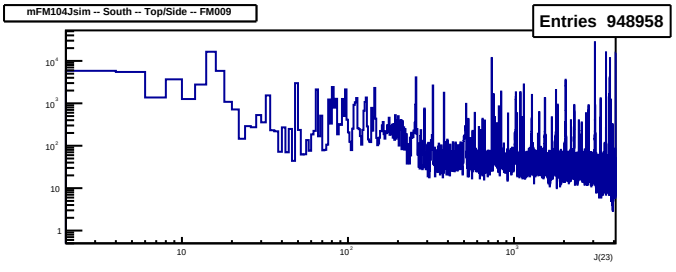

mFM103JP -- South -- Bottom -- FM008
Entries 8527492

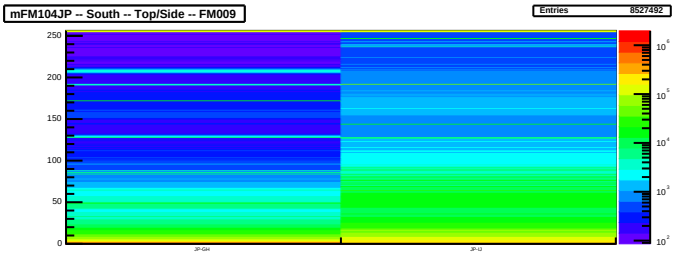

mFM103JPsim -- South -- Bottom -- FM008
Entries 1999119

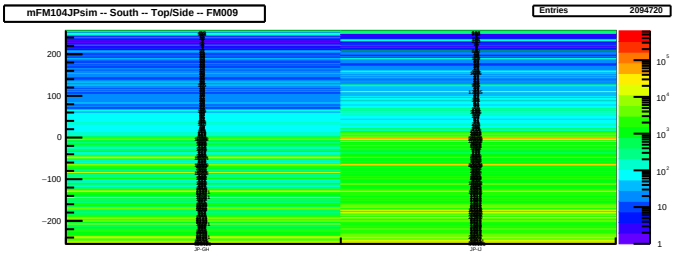

mFM104BS -- North -- Top/Side -- FM009
Entries 1.705498e+07

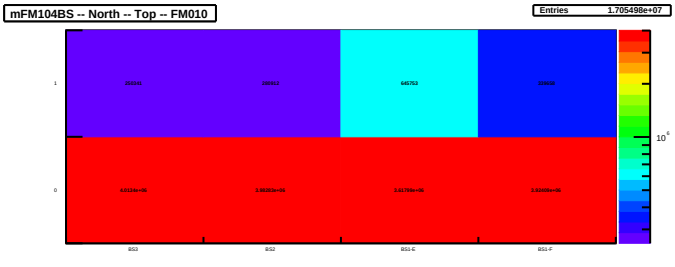

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3587873

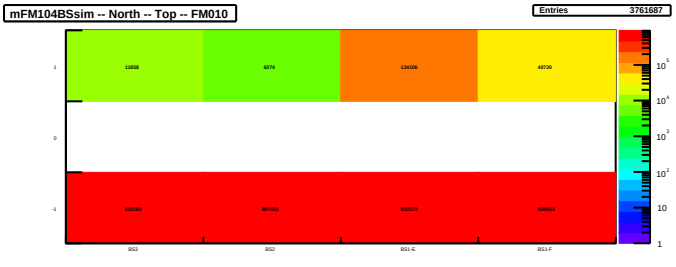

mFM104J -- South -- Top/Side -- FM009
Entries 4263746
J(23)

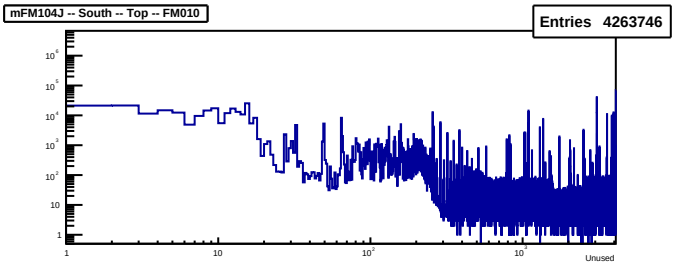

mFM104Jsim -- South -- Top/Side -- FM009
Entries 948958
J(23)

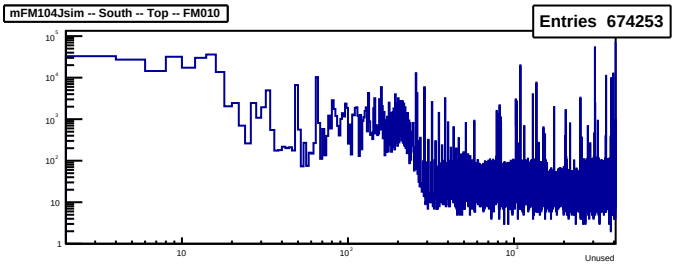

mFM104JP -- South -- Top/Side -- FM009
Entries 8527492

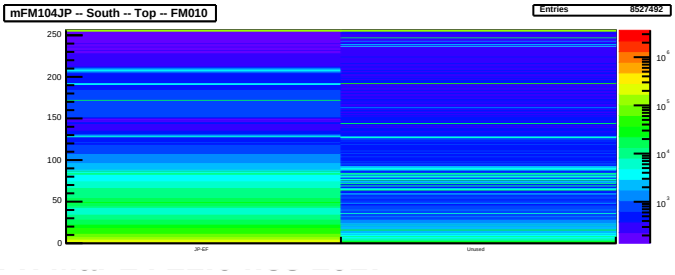

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2094720

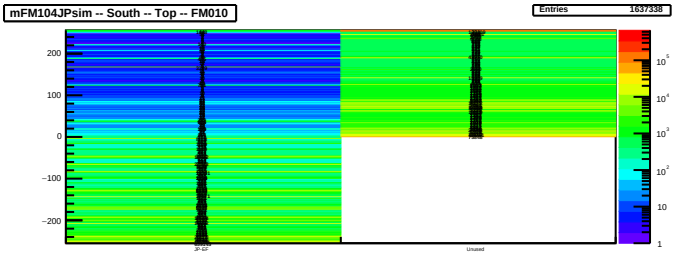

mFM104BS -- North -- Top -- FM010
Entries 1.705498e+07

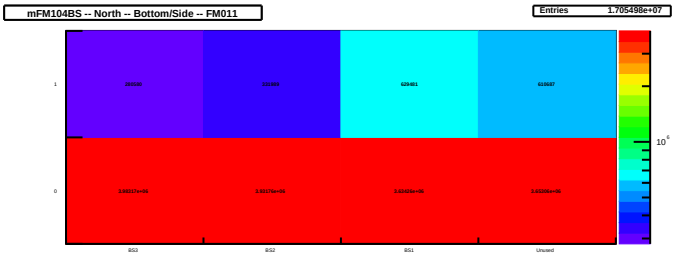

mFM104BSsim -- North -- Top -- FM010
Entries 3761687

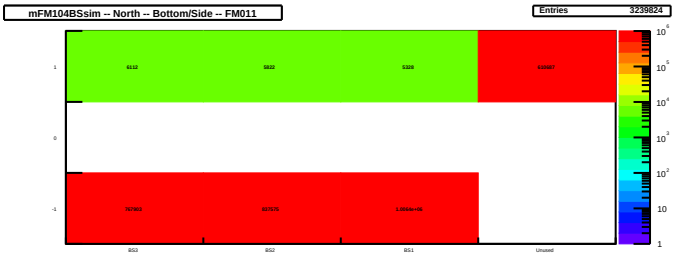

mFM104J -- South -- Top -- FM010
Entries 4263746
Unused

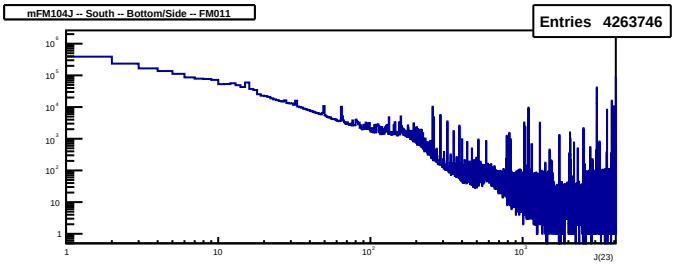

mFM104Jsim -- South -- Top -- FM010
Entries 674253
Unused

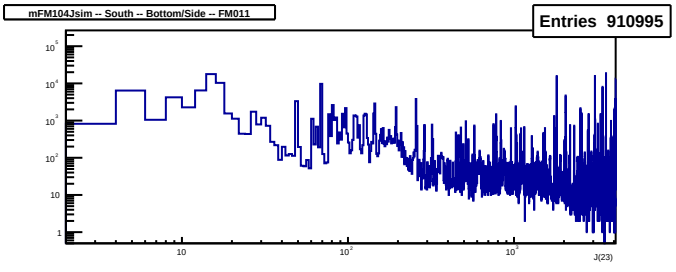

mFM104JP -- South -- Top -- FM010
Entries 8527492

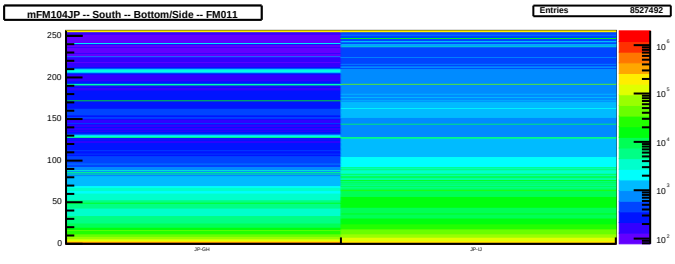

mFM104JPsim -- South -- Top -- FM010
Entries 1637338

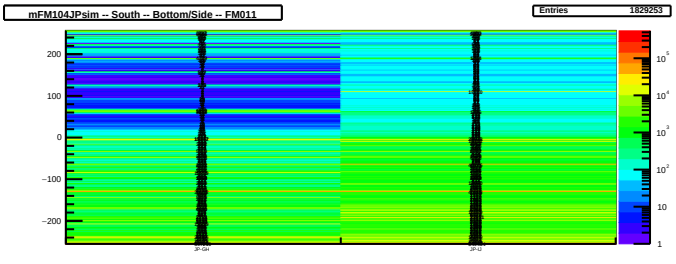

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.705498e+07

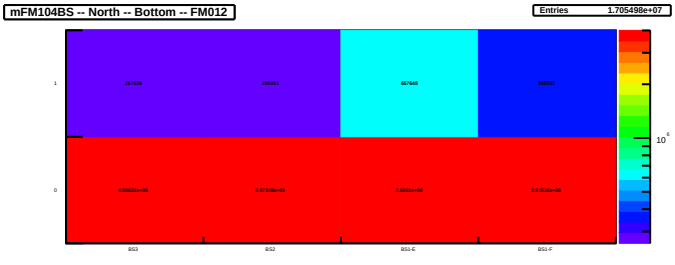

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3239824

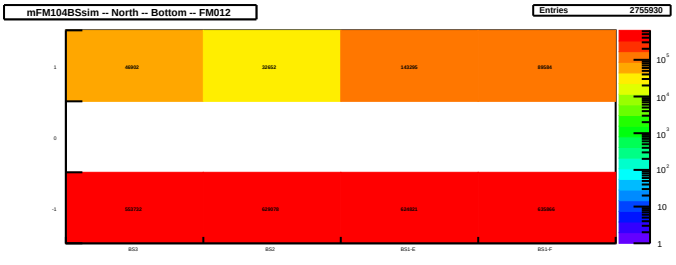

mFM104J -- South -- Bottom/Side -- FM011
Entries 4263746
J(23)

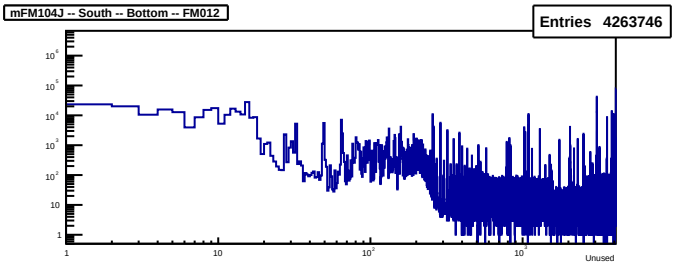

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 910995
J(23)

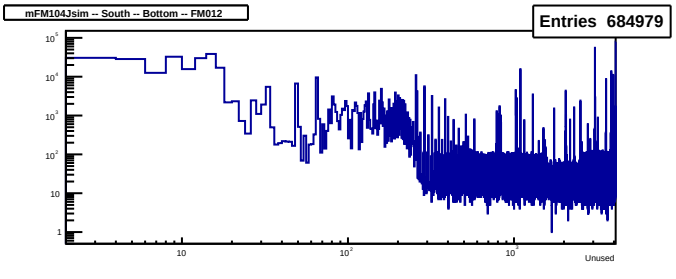

mFM104JP -- South -- Bottom/Side -- FM011
Entries 8527492

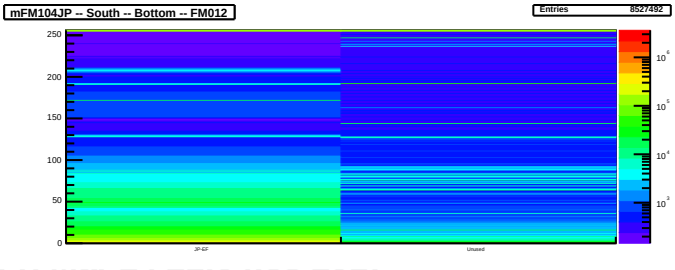

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1829253

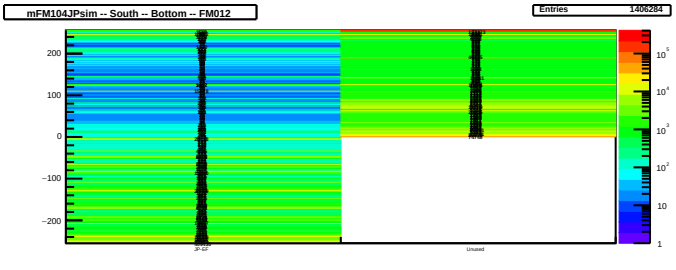

mFM104BS -- North -- Bottom -- FM012
Entries 1.705498e+07

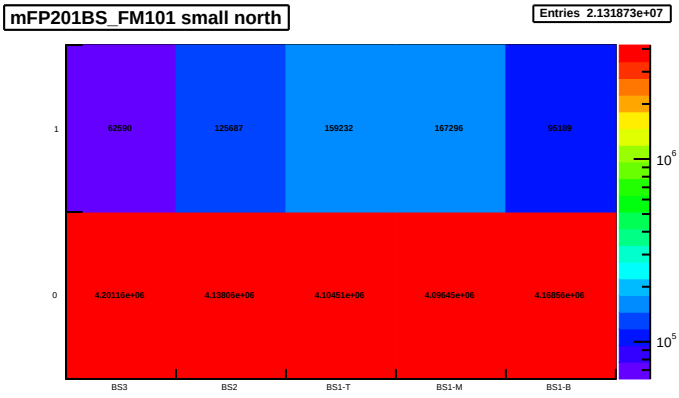

mFM104BSsim -- North -- Bottom -- FM012
Entries 2755930

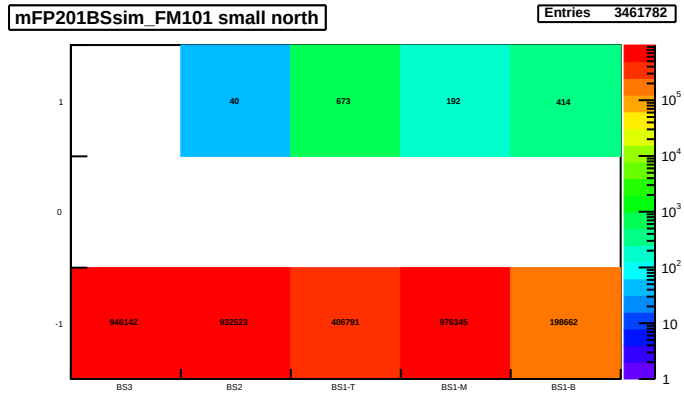

mFM104J -- South -- Bottom -- FM012
Entries 4263746
Unused

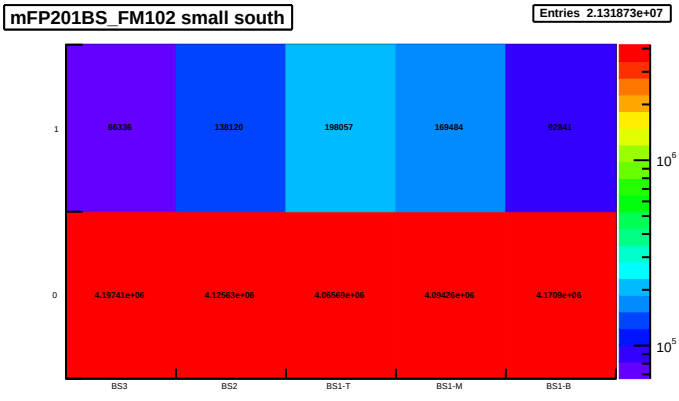

mFM104Jsim -- South -- Bottom -- FM012
Entries 684979
Unused

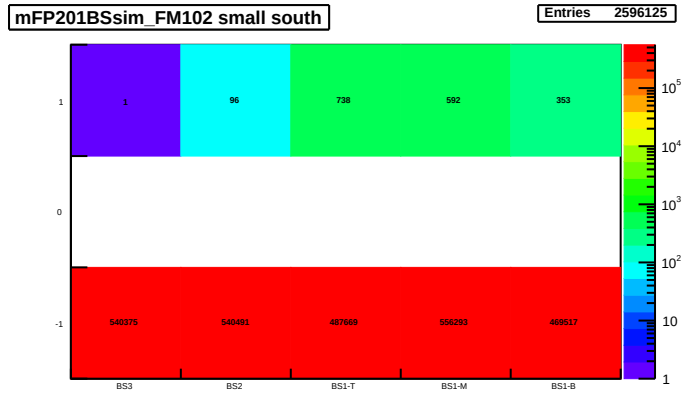

mFM104JP -- South -- Bottom -- FM012
Entries 8527492

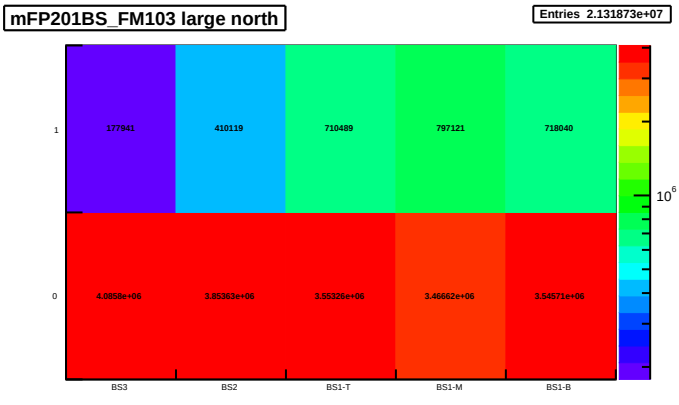

mFM104JPsim -- South -- Bottom -- FM012
Entries 1406284

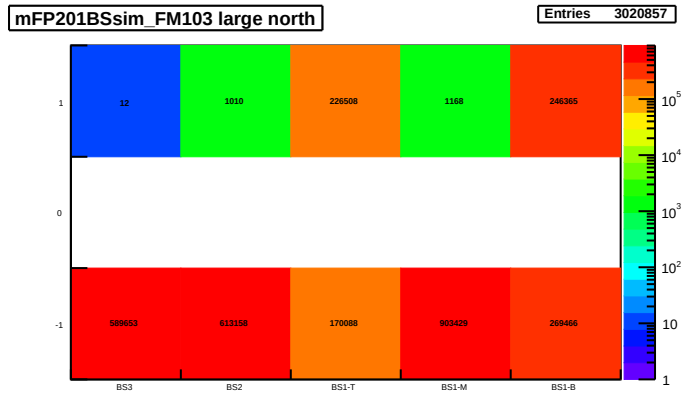

mFP201BS_FM101 small north
Entries 2.131873e+07
1
0
62590
125687
159232
167296
95189
4.20116e+06
4.13806e+06
4.10451e+06
4.09645e+06
4.16856e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

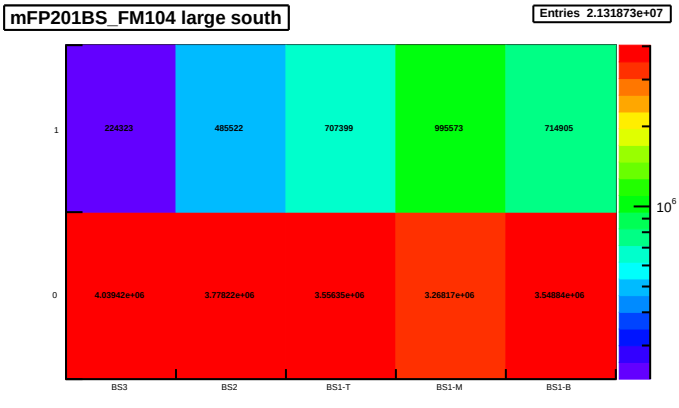

mFP201BSsim_FM101 small north
Entries 3461782
1
0
-1
40
673
192
414
946142
932523
406791
976345
198662
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

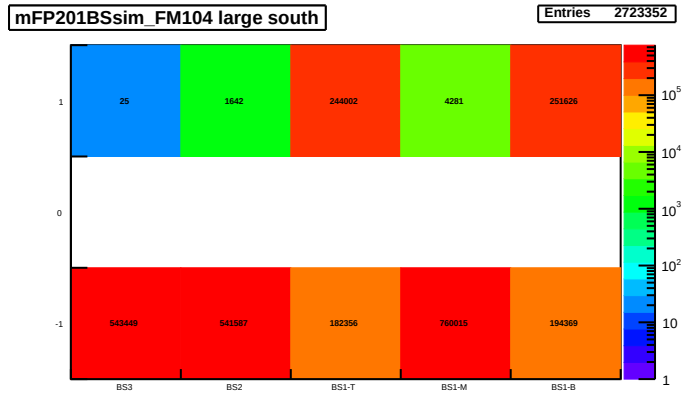

mFP201BS_FM102 small south
Entries 2.131873e+07
1
0
66336
138120
198057
169484
92841
4.19741e+06
4.12563e+06
4.06569e+06
4.09426e+06
4.1709e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

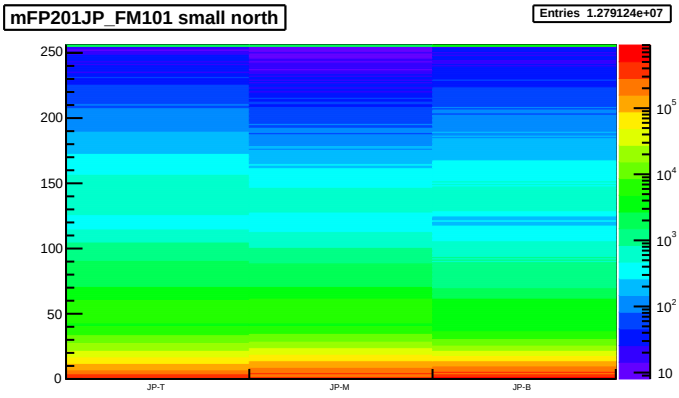

mFP201BSsim_FM102 small south
Entries 2596125
1
0
-1
1
96
738
592
353
540375
540491
487669
556293
469517
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

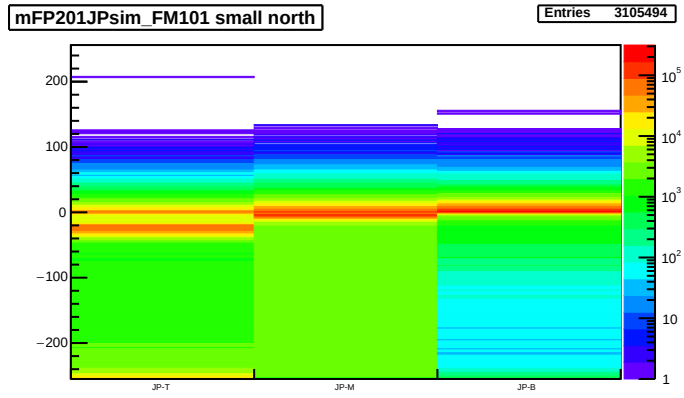

mFP201BS_FM103 large north
Entries 2.131873e+07
1
0
177941
410119
710489
797121
718040
4.0858e+06
3.85363e+06
3.55326e+06
3.46662e+06
3.54571e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

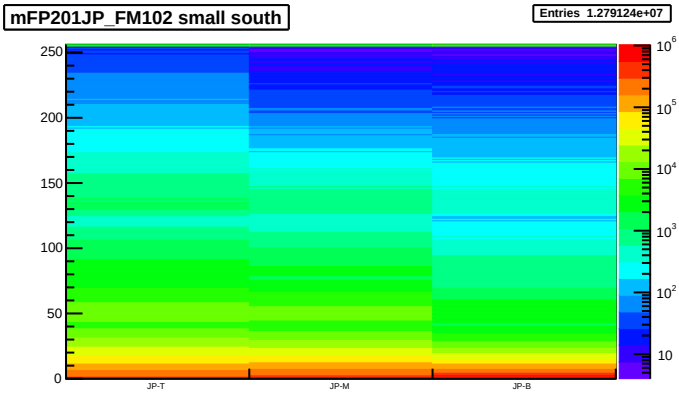

mFP201BSsim_FM103 large north
Entries 3020857
1
0
-1
12
1010
226508
1168
246365
589653
613158
170088
903429
269466
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

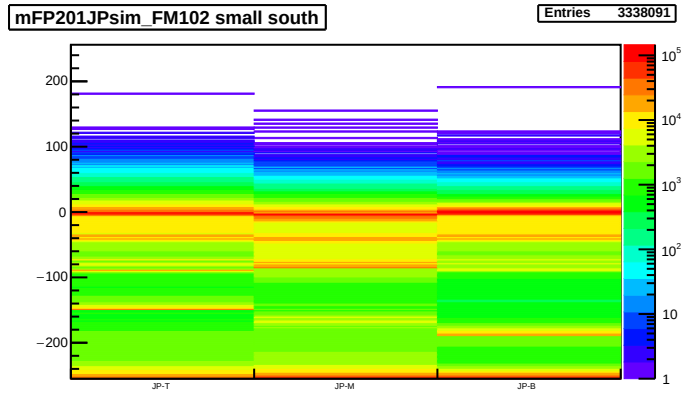

mFP201BS_FM104 large south
Entries 2.131873e+07
1
0
224323
485522
707399
995573
714905
4.03942e+06
3.77822e+06
3.55635e+06
3.26817e+06
3.54884e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

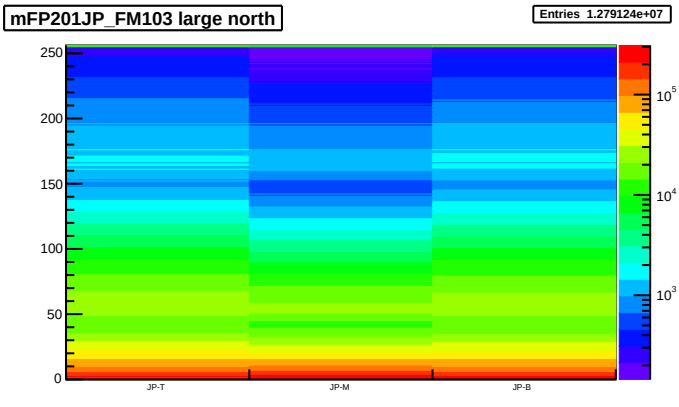

mFP201BSsim_FM104 large south
Entries 2723352
1
0
-1
25
1642
244002
4281
251626
543449
541587
182356
760015
194369
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

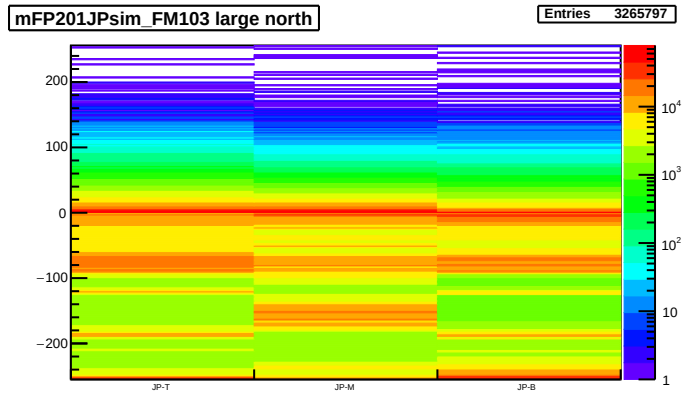

mFP201JP_FM101 small north
Entries 1.279124e+07
JP-T
JP-M
JP-B

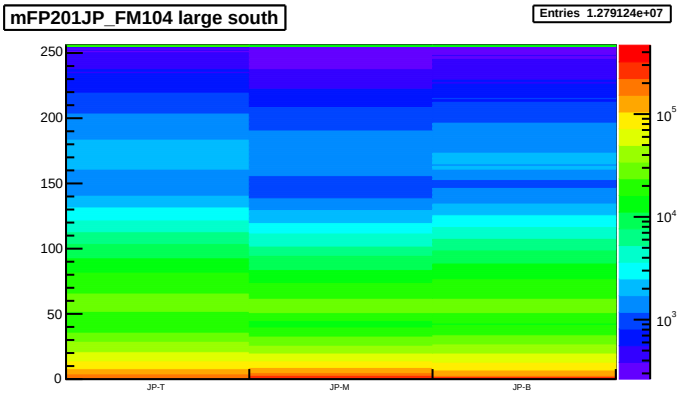

mFP201JPsim_FM101 small north
Entries 3105494
JP-T
JP-M
JP-B

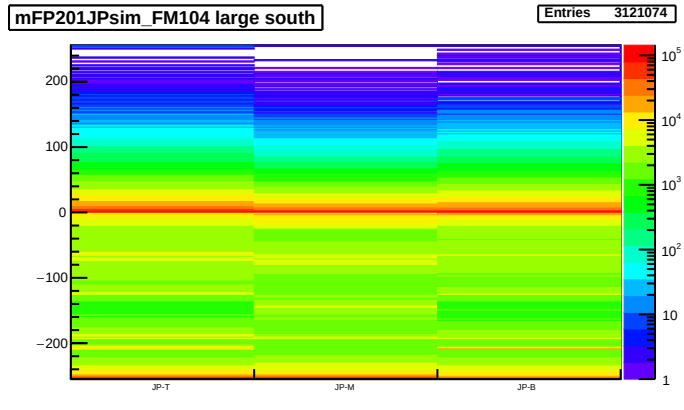

mFP201JP_FM102 small south
Entries 1.279124e+07
JP-T
JP-M
JP-B

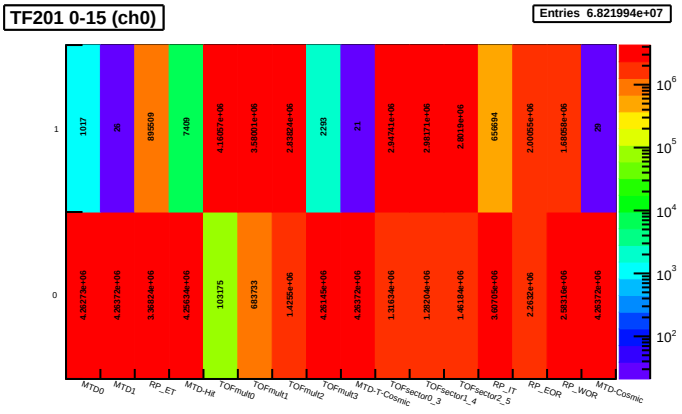

mFP201JPsim_FM102 small south
Entries 3338091
JP-T
JP-M
JP-B

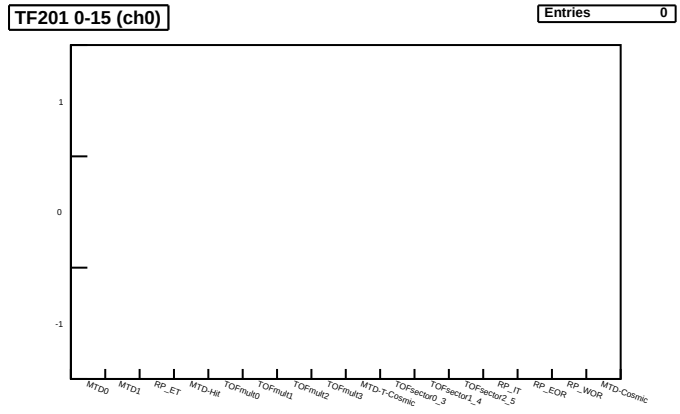

mFP201JP_FM103 large north
Entries 1.279124e+07
JP-T
JP-M
JP-B

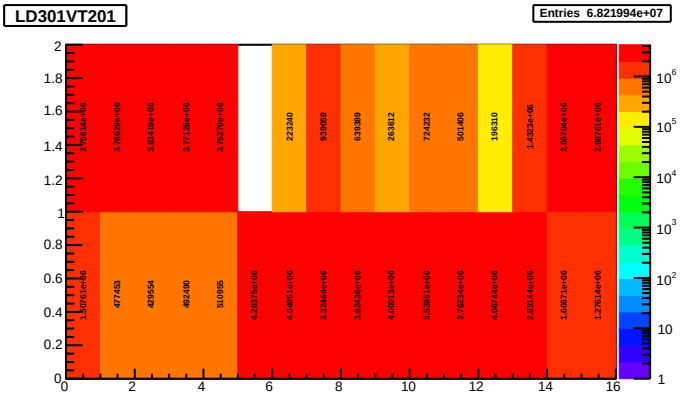

mFP201JPsim_FM103 large north
Entries 3265797
JP-T
JP-M
JP-B

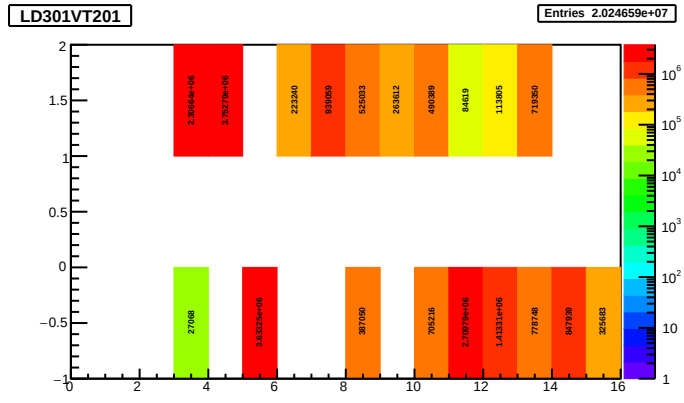

mFP201JP_FM104 large south
Entries 1.279124e+07
JP-T
JP-M
JP-B

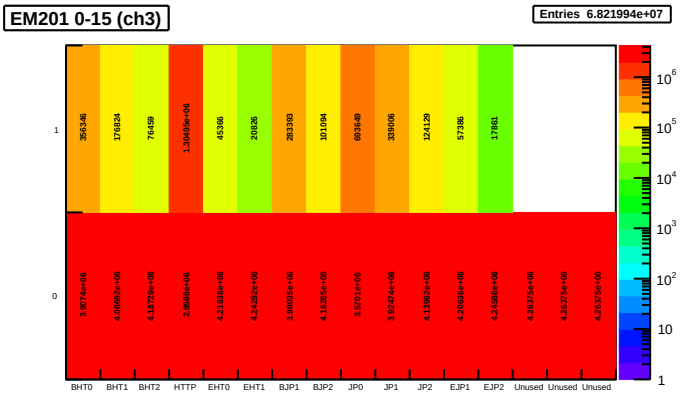

mFP201JPsim_FM104 large south
Entries 3121074
JP-T
JP-M
JP-B

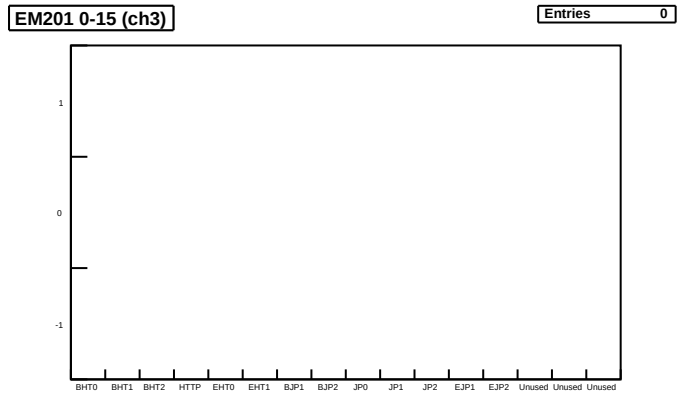

TF201 0-15 (ch0)
Entries 6.821994e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

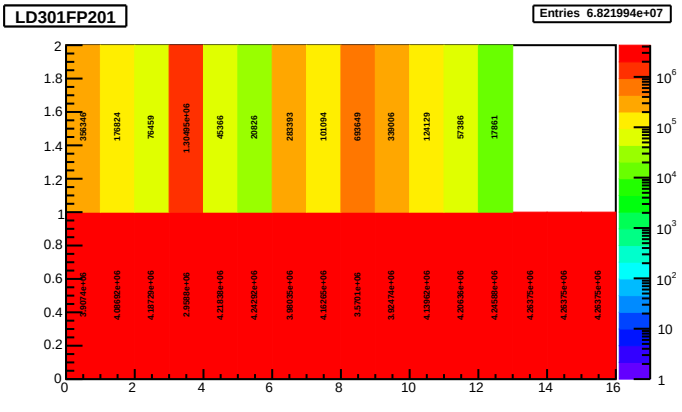

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

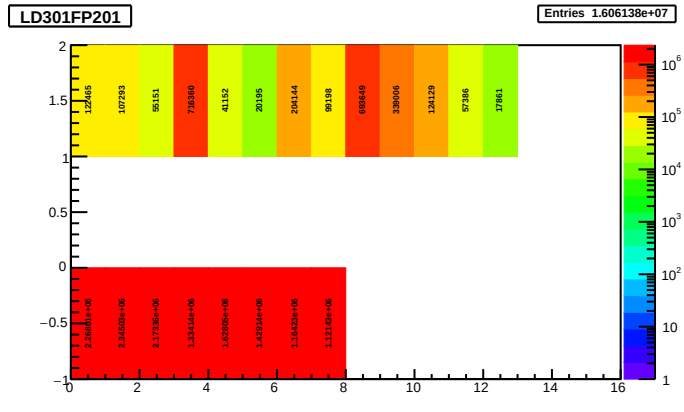

LD301VT201
Entries 6.821994e+07


LD301VT201
Entries 2.024659e+07


EM201 0-15 (ch3)
Entries 6.821994e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 6.821994e+07


LD301FP201
Entries 1.606138e+07