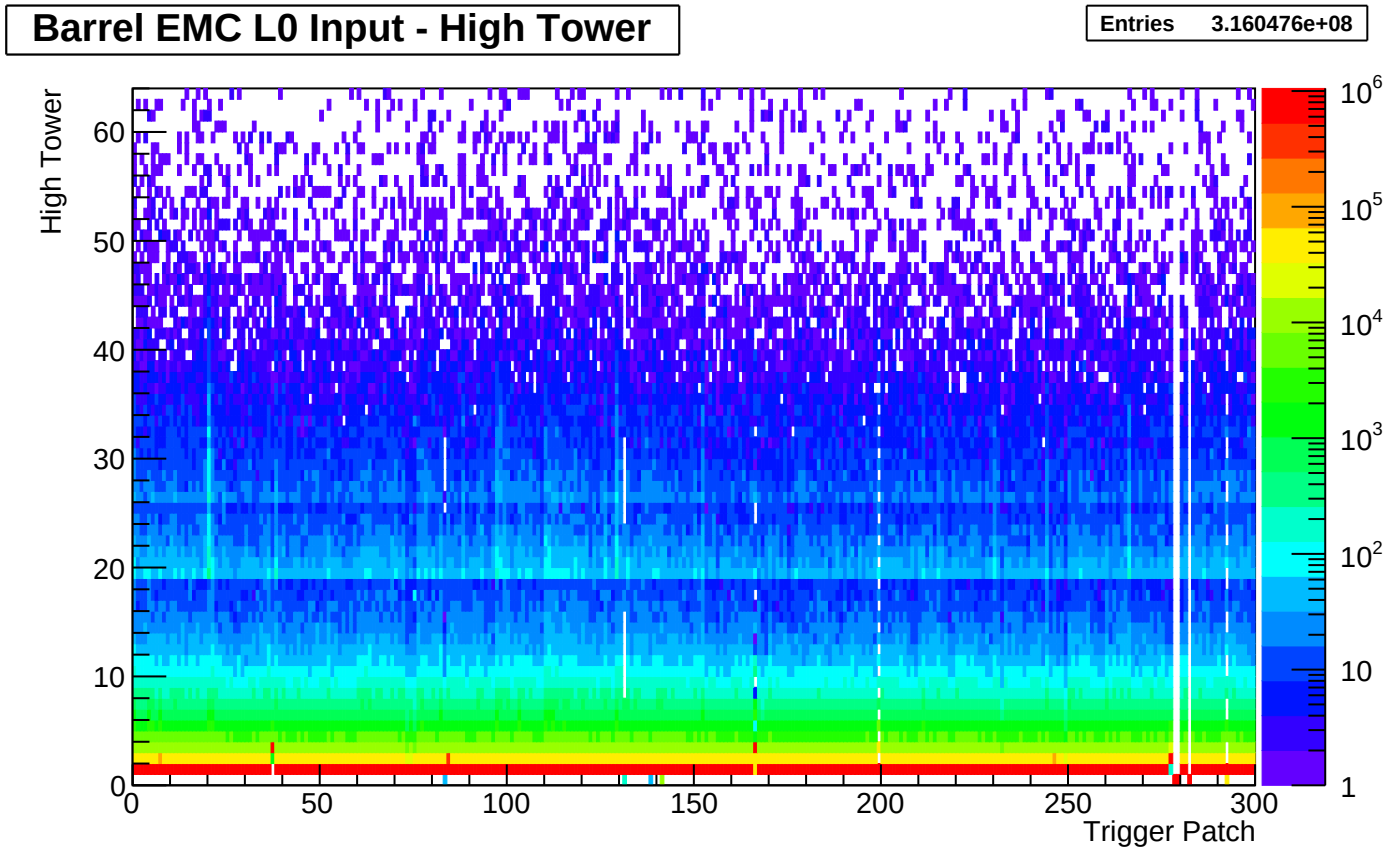
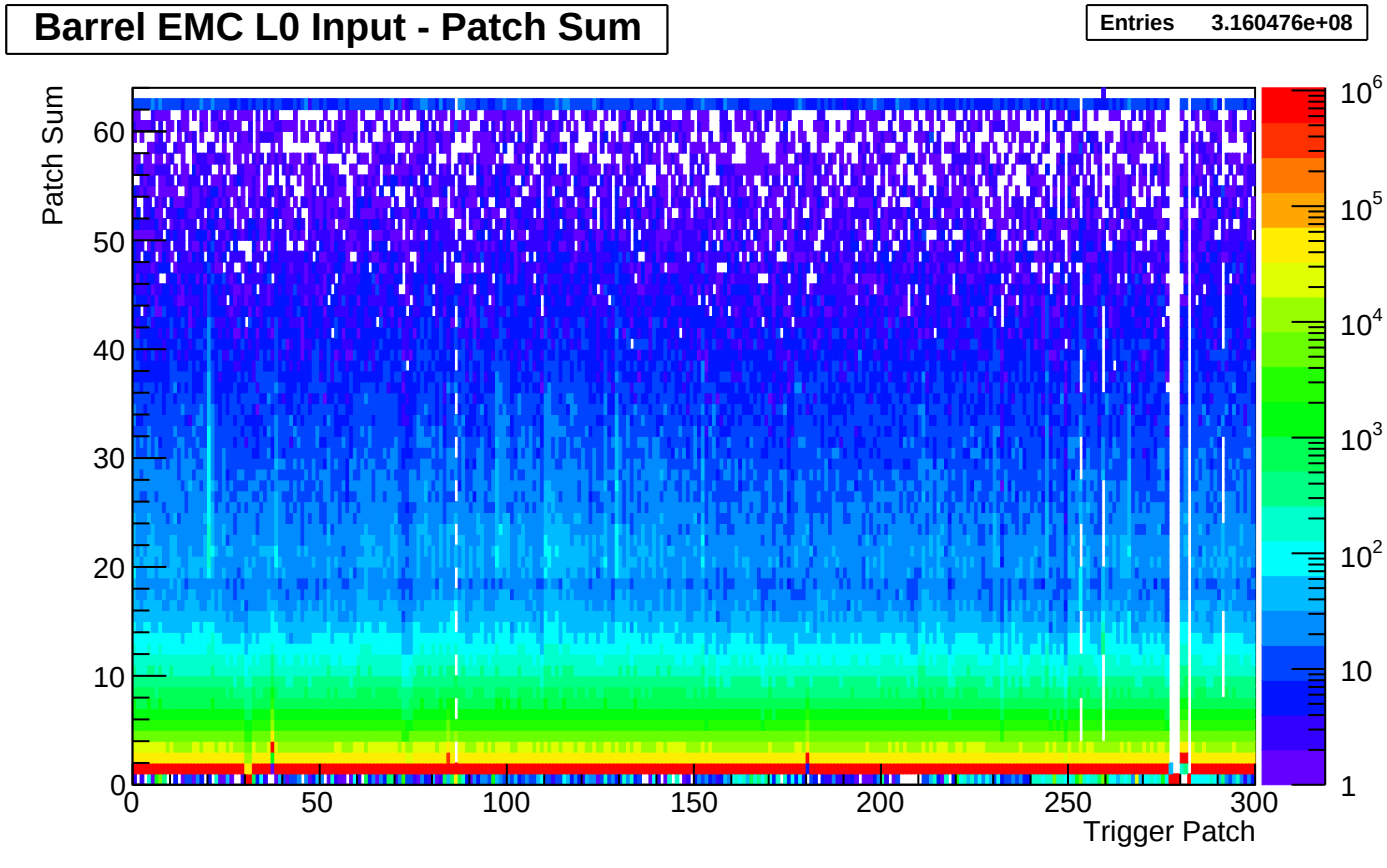
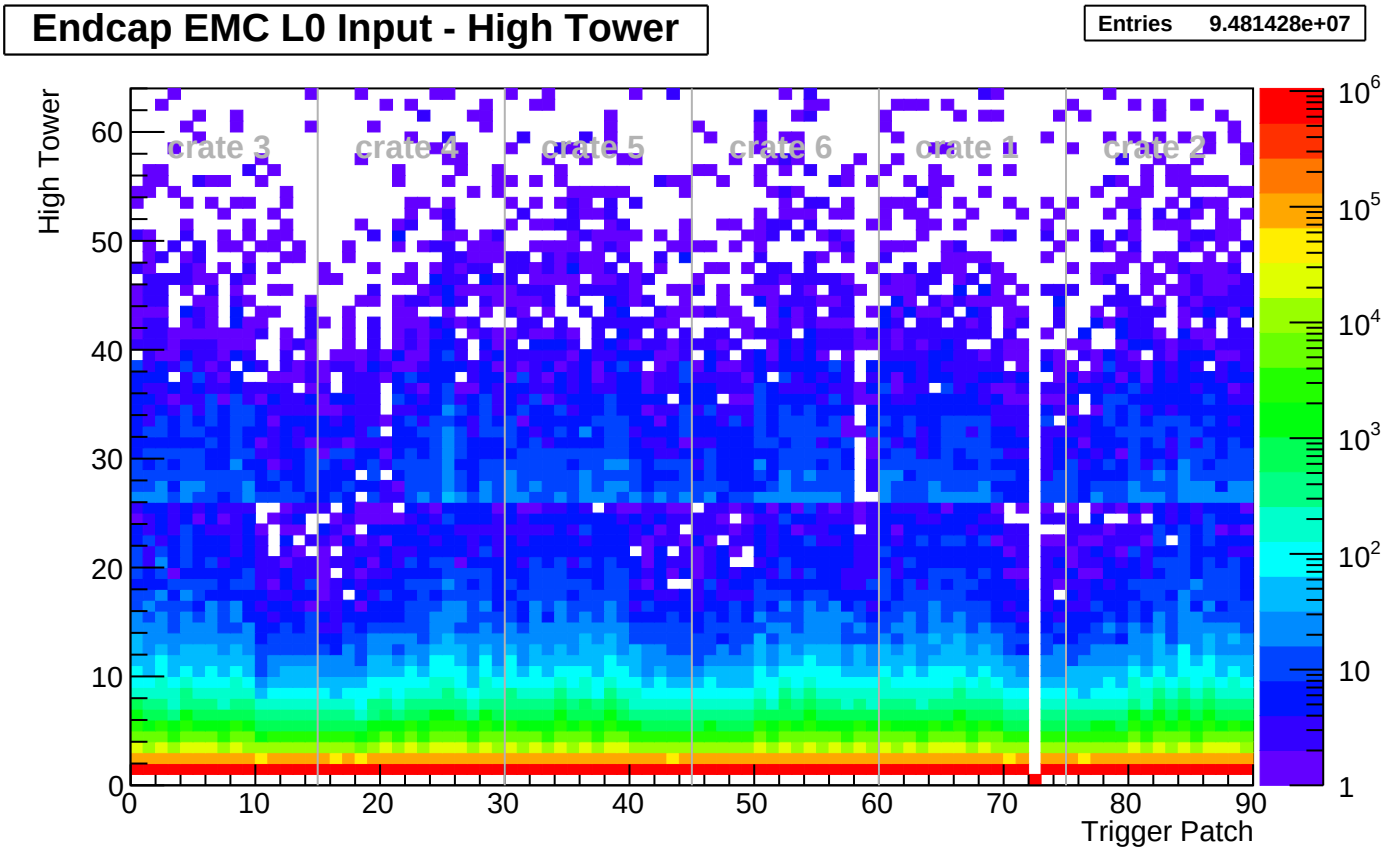
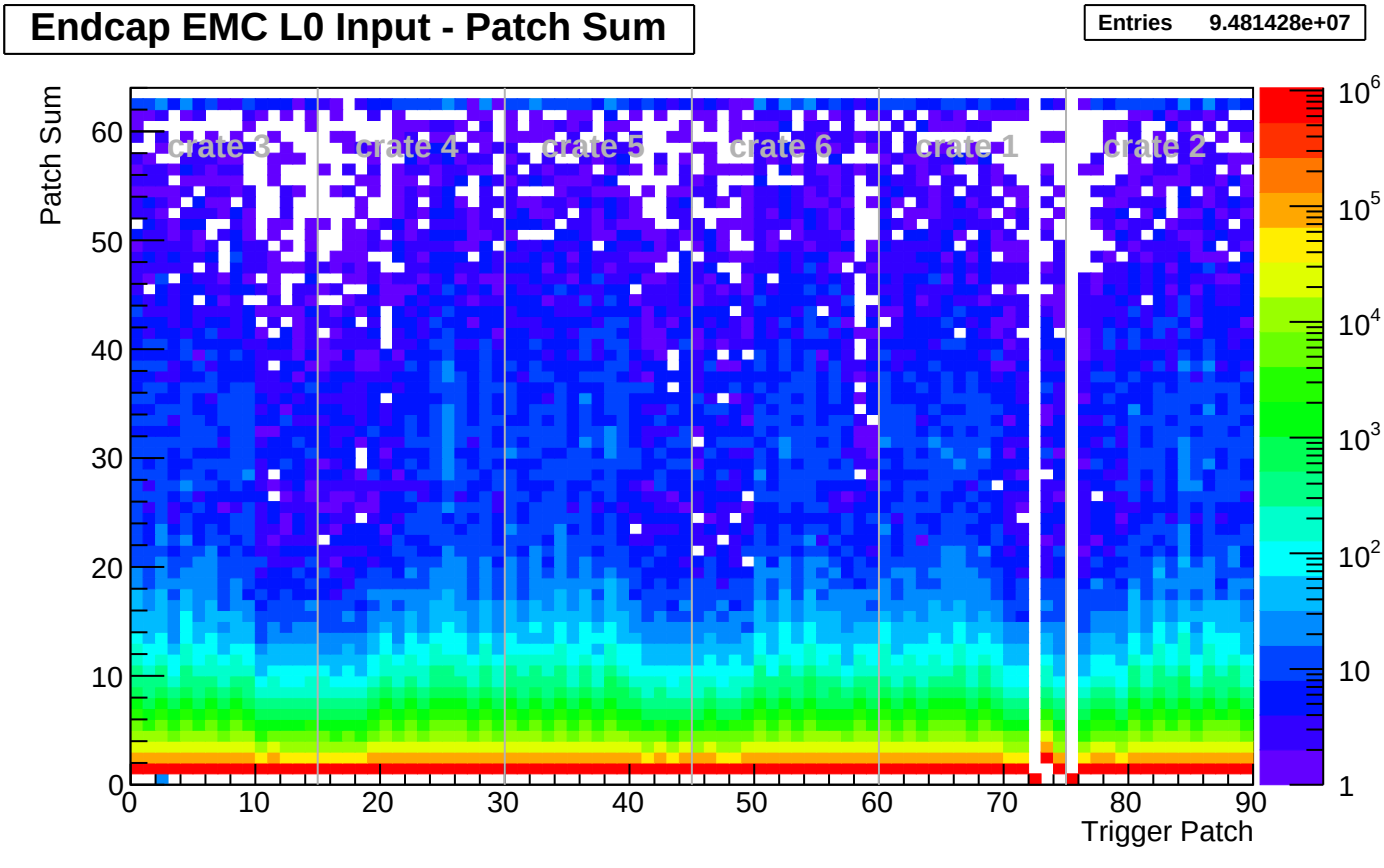
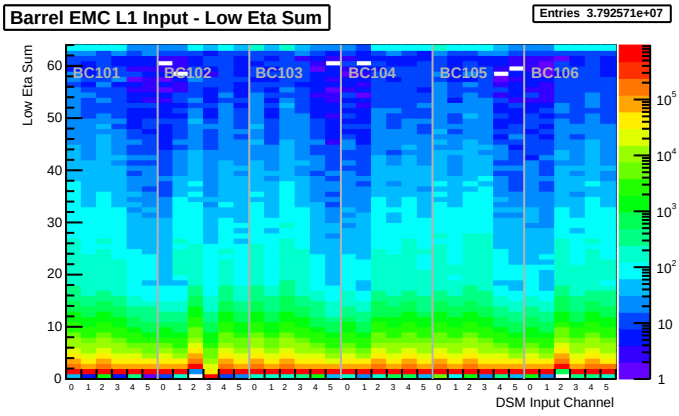
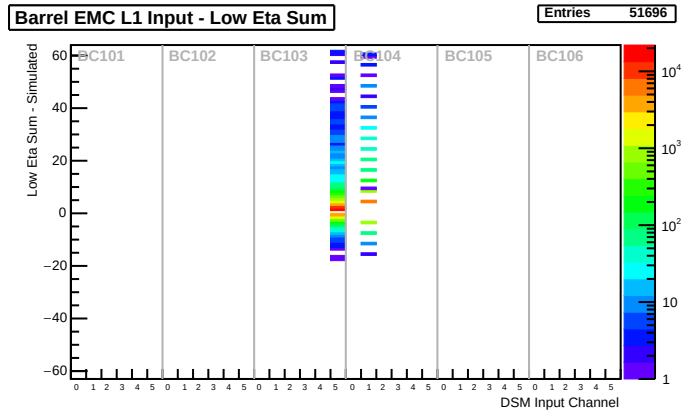

Barrel EMC L0 Input - High Tower
Entries 3.160476e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

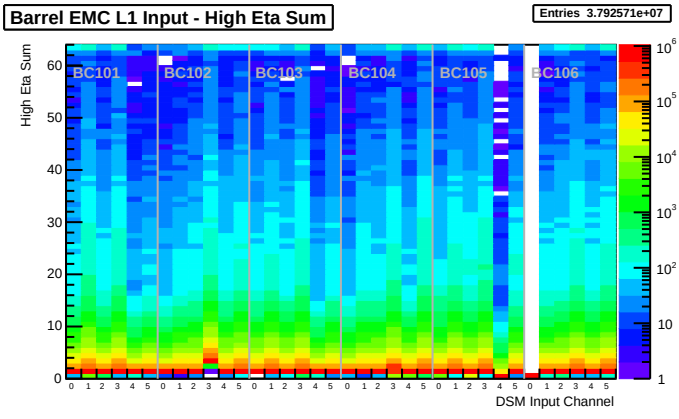

Barrel EMC L0 Input - Patch Sum
Entries 3.160476e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

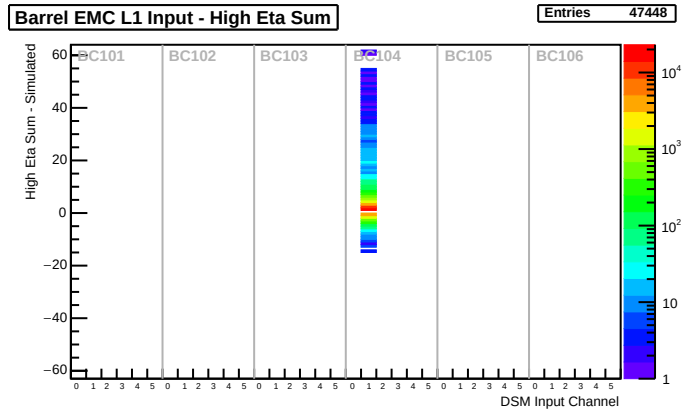

Endcap EMC L0 Input - High Tower
Entries 9.481428e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

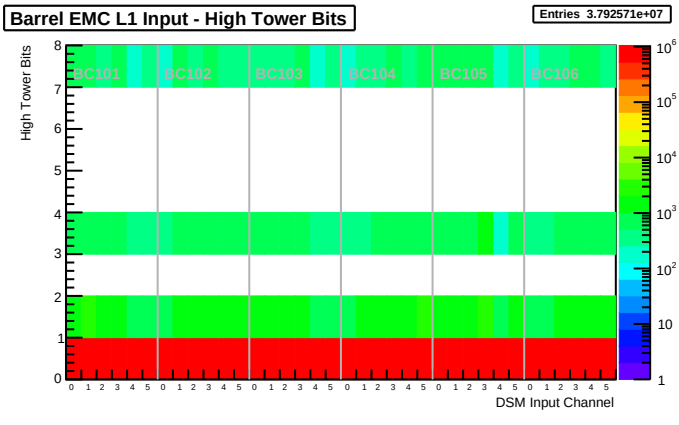

Endcap EMC L0 Input - Patch Sum
Entries 9.481428e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

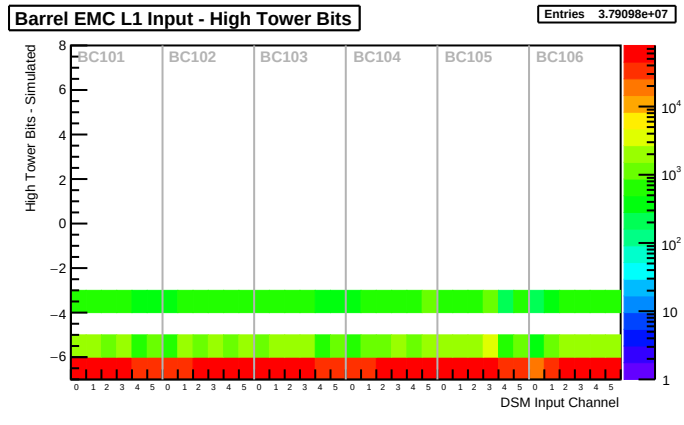

Barrel EMC L1 Input - Low Eta Sum
Entries 3.792571e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

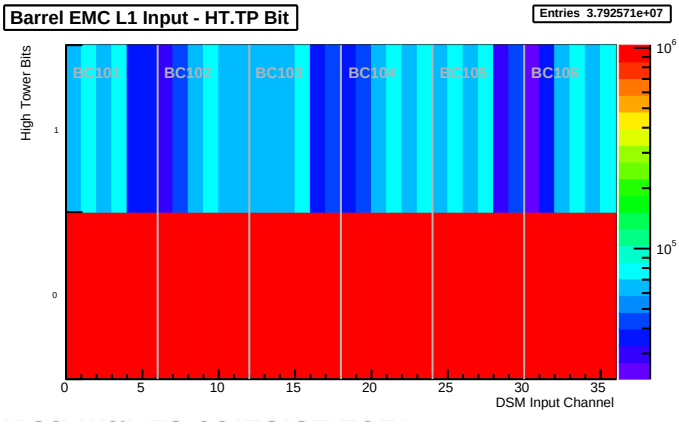

Barrel EMC L1 Input - Low Eta Sum
Entries 51696
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

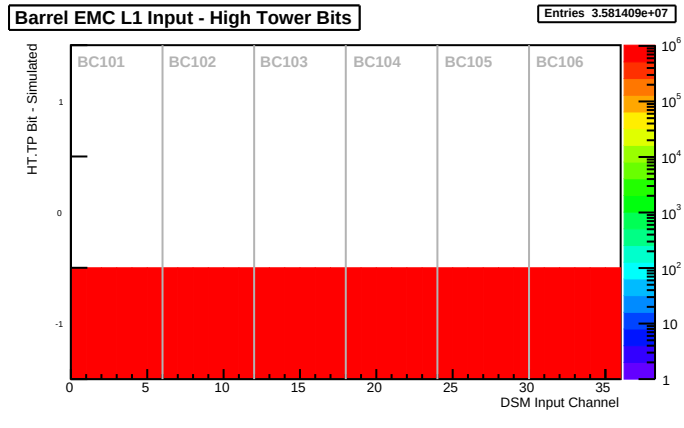

Barrel EMC L1 Input - High Eta Sum
Entries 3.792571e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

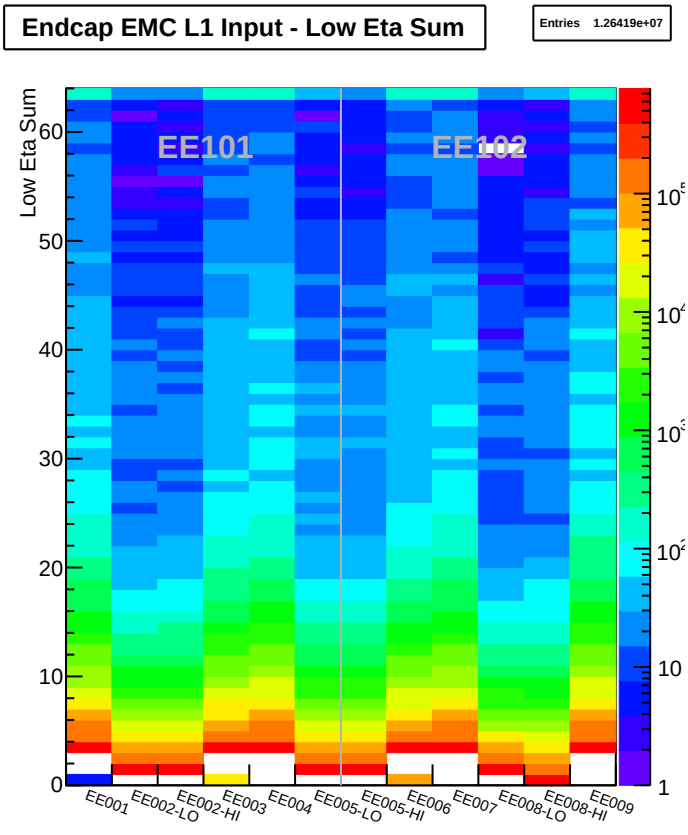

Barrel EMC L1 Input - High Eta Sum
Entries 47448
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

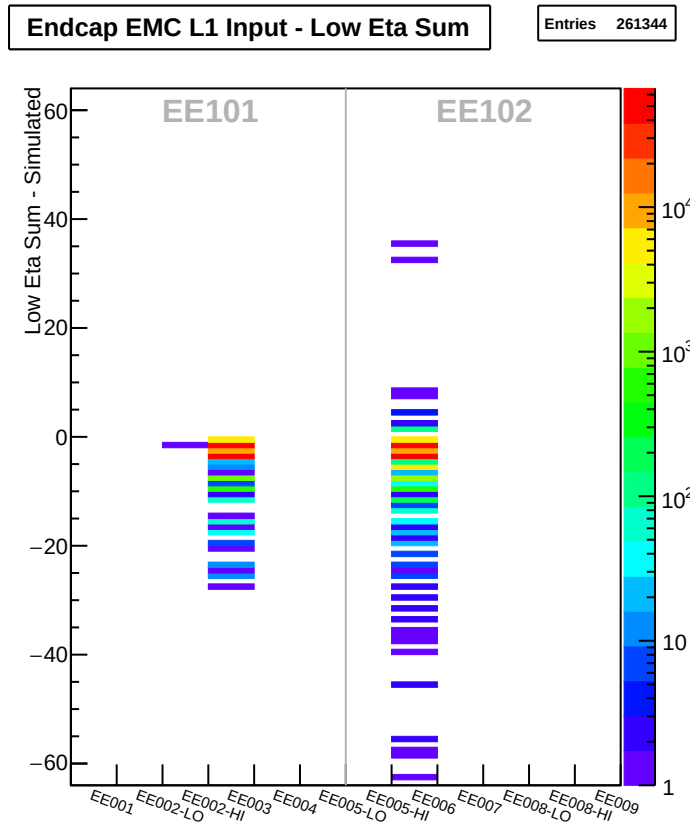

Barrel EMC L1 Input - High Tower Bits
Entries 3.792571e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

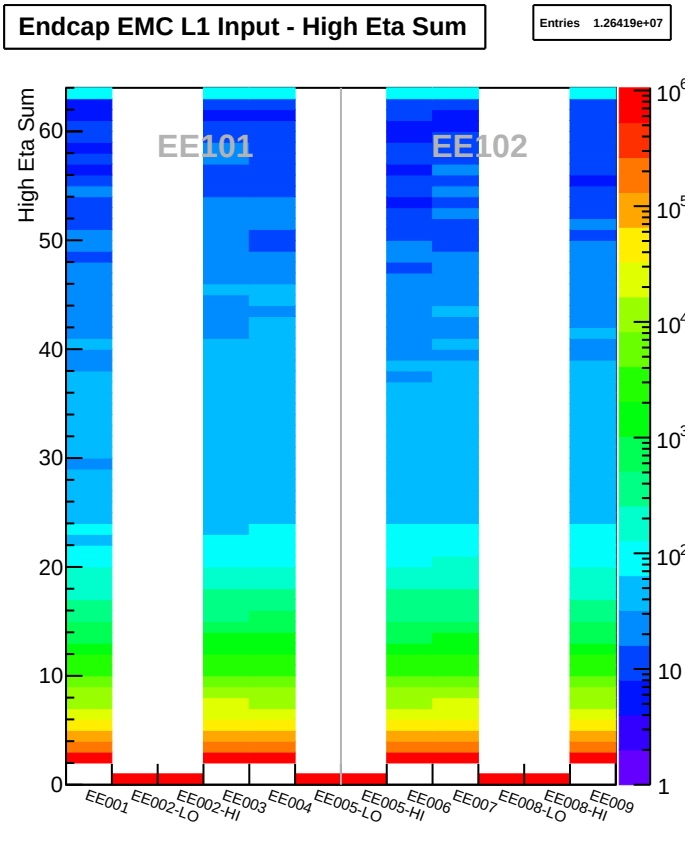

Barrel EMC L1 Input - High Tower Bits
Entries 3.79098e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

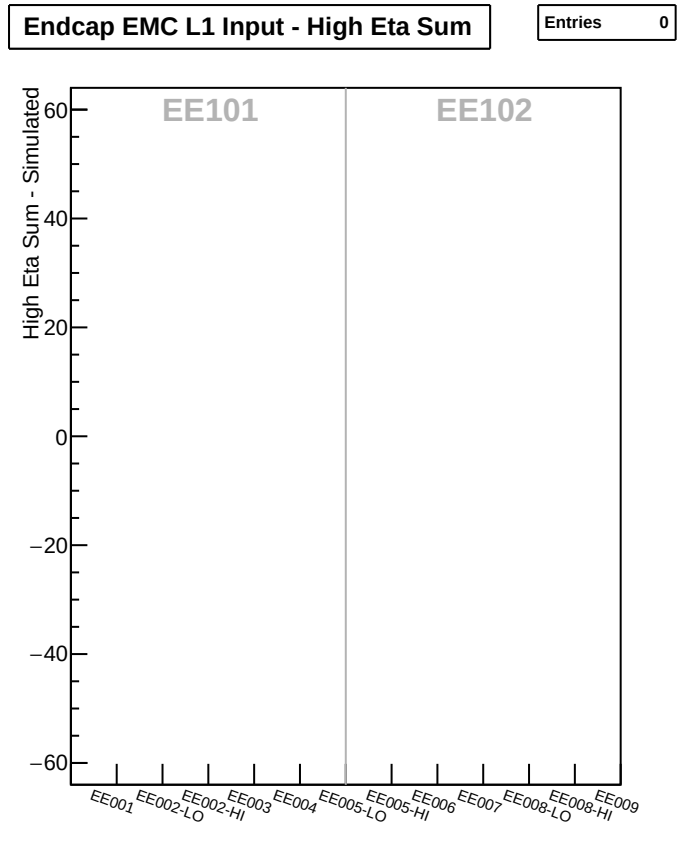

Barrel EMC L1 Input - HT.TP Bit
Entries 3.792571e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

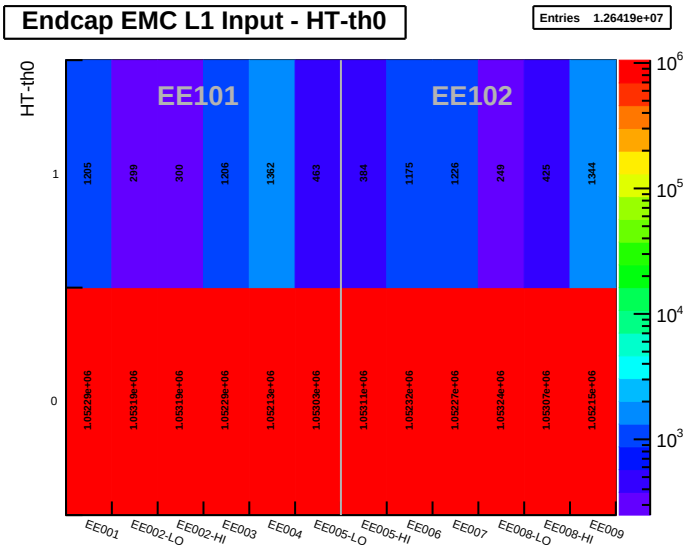

Barrel EMC L1 Input - High Tower Bits
Entries 3.581409e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

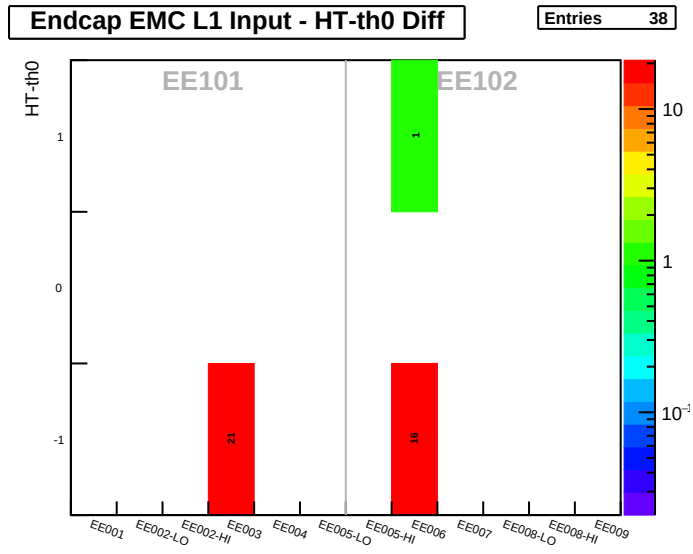

Endcap EMC L1 Input - Low Eta Sum
Entries 1.26419e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

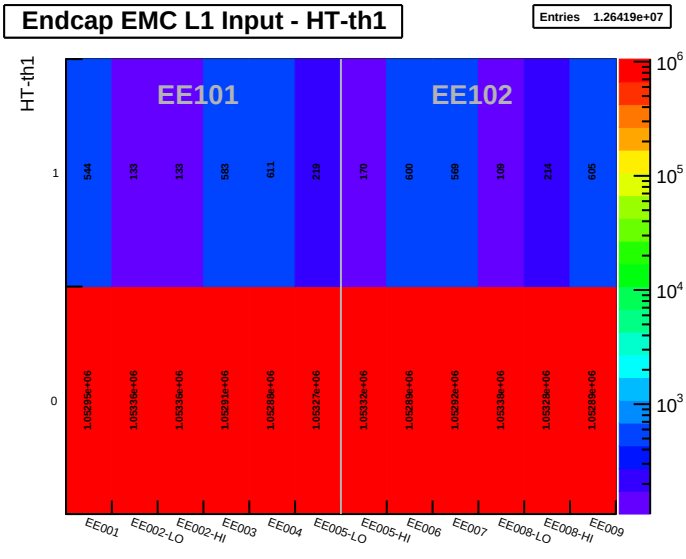

Endcap EMC L1 Input - Low Eta Sum
Entries 261344
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

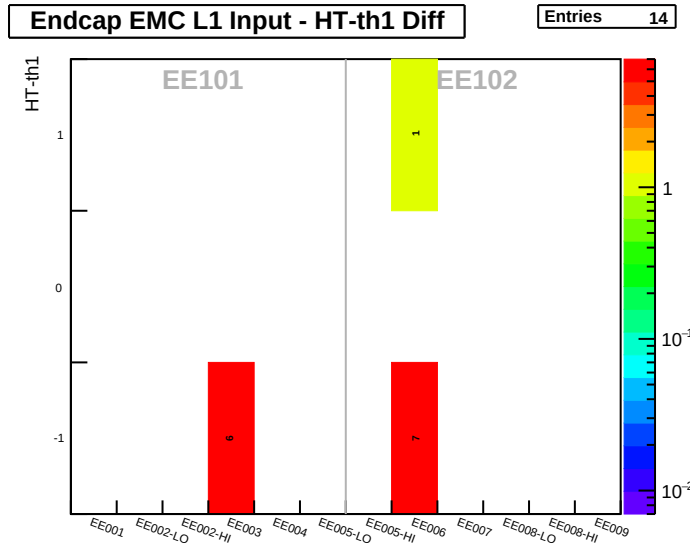

Endcap EMC L1 Input - High Eta Sum
Entries 1.26419e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

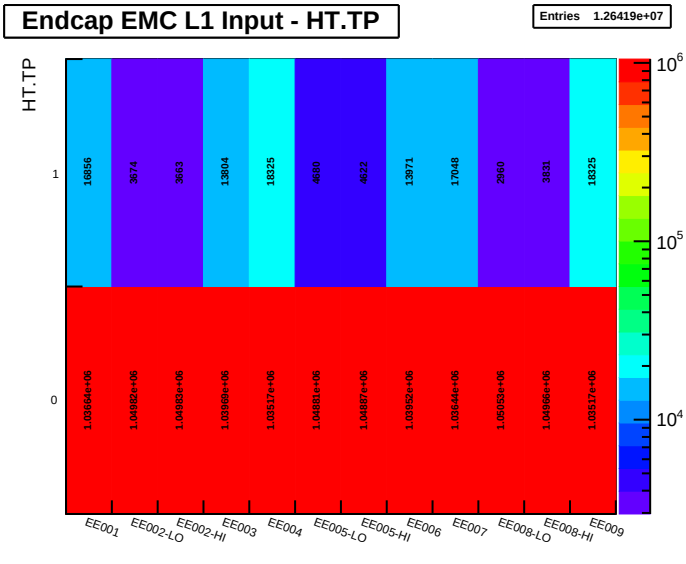

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

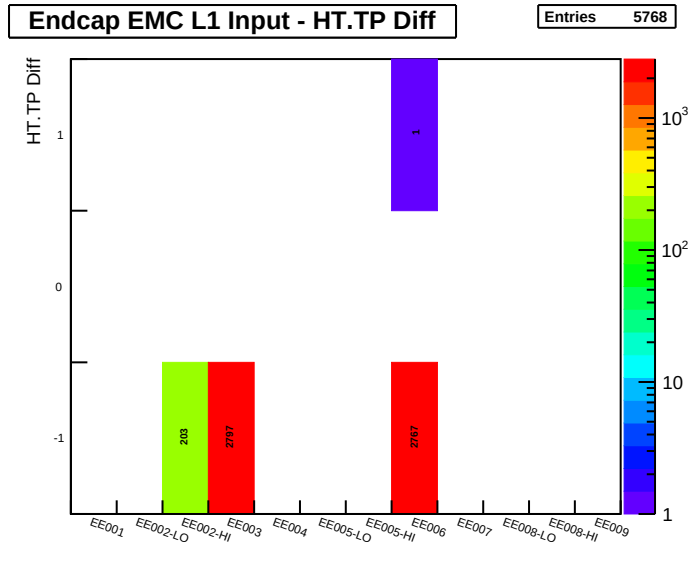

Endcap EMC L1 Input - HT-th0
Entries 1.26419e+07
HT-th0
EE101
EE102
1205 299 300 1206 1362 463 384 1175 1226 249 425 1344
1.05229e+06 1.05319e+06 1.05319e+06 1.05229e+06 1.05213e+06 1.05303e+06 1.05311e+06 1.05232e+06 1.05227e+06 1.05324e+06 1.05307e+06 1.05215e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

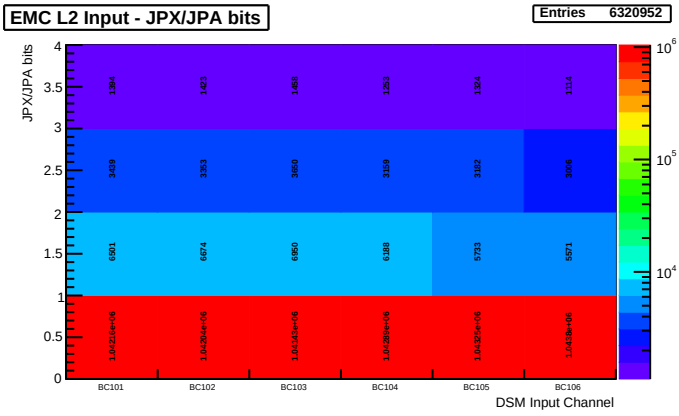

Endcap EMC L1 Input - HT-th0 Diff
Entries 38
HT-th0
EE101
EE102
1
21
16
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

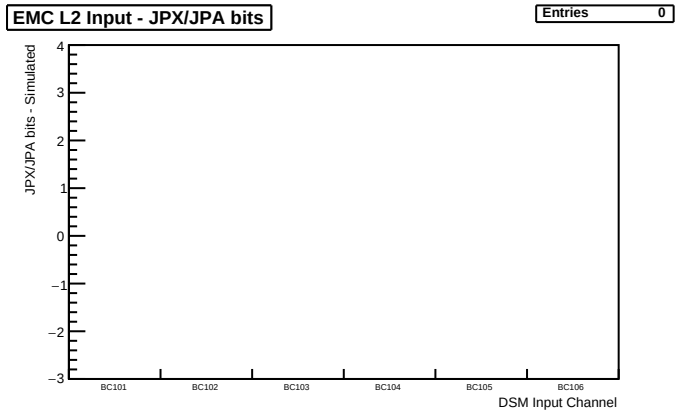

Endcap EMC L1 Input - HT-th1
Entries 1.26419e+07
HT-th1
EE101
EE102
544 133 133 583 611 219 170 600 569 109 214 605
1.05295e+06 1.05336e+06 1.05336e+06 1.05291e+06 1.05288e+06 1.05327e+06 1.05332e+06 1.05289e+06 1.05292e+06 1.05338e+06 1.05328e+06 1.05289e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

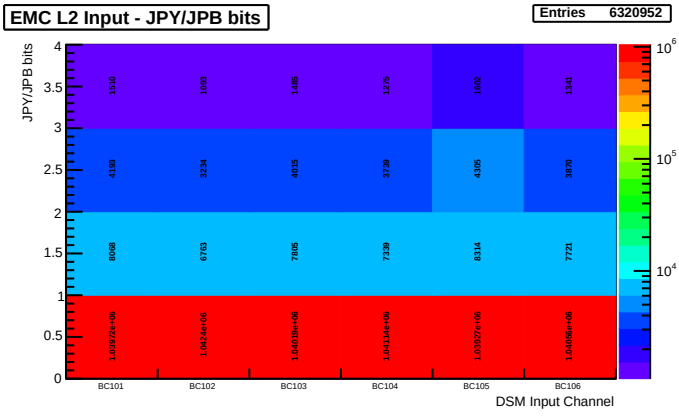

Endcap EMC L1 Input - HT-th1 Diff
Entries 14
HT-th1
EE101
EE102
1
6
7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

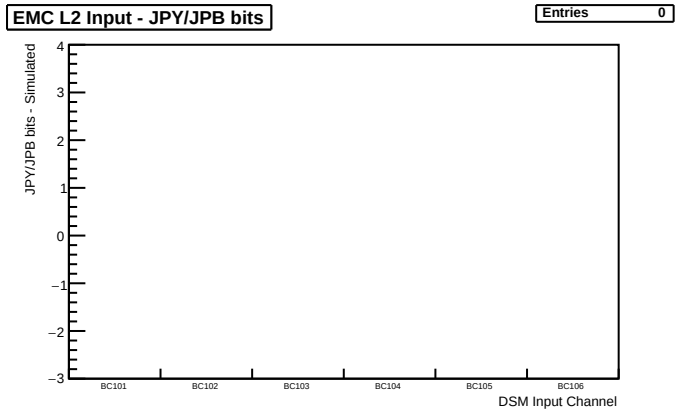

Endcap EMC L1 Input - HT.TP
Entries 1.26419e+07
HT.TP
16856 3674 3663 13804 18325 4680 4622 13971 17048 2960 3831 18325
1.03664e+06 1.04982e+06 1.04982e+06 1.03969e+06 1.03517e+06 1.04881e+06 1.04887e+06 1.03952e+06 1.03644e+06 1.06053e+06 1.04968e+06 1.03517e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

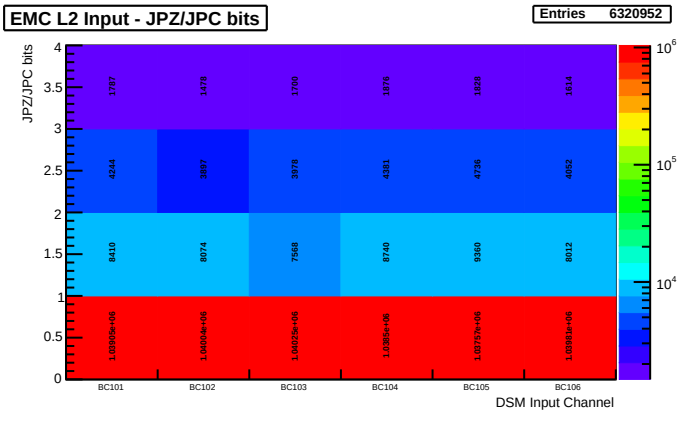

Endcap EMC L1 Input - HT.TP Diff
Entries 5768
HT.TP Diff
1
203
2797
2767
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

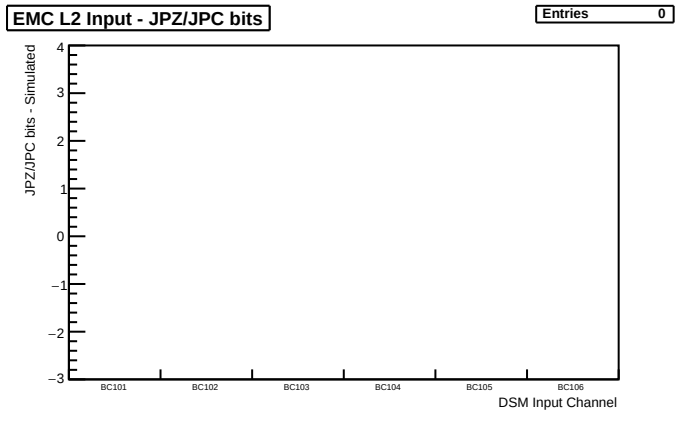

EMC L2 Input - JPX/JPA bits
Entries 6320952
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

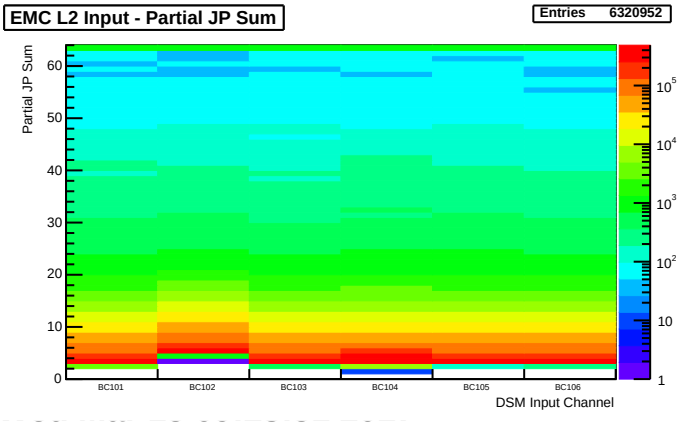

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

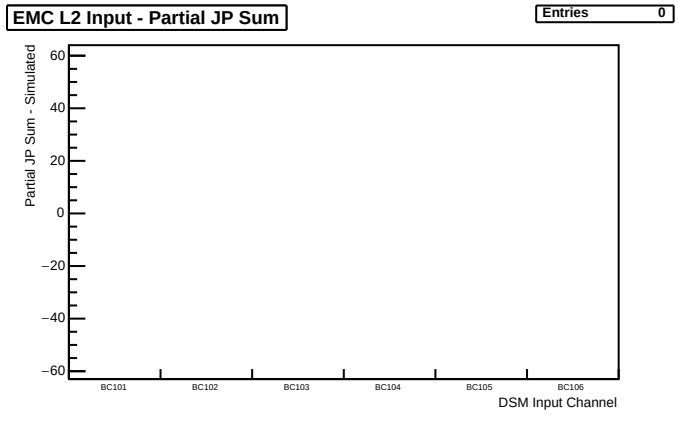

EMC L2 Input - JPY/JPB bits
Entries 6320952
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

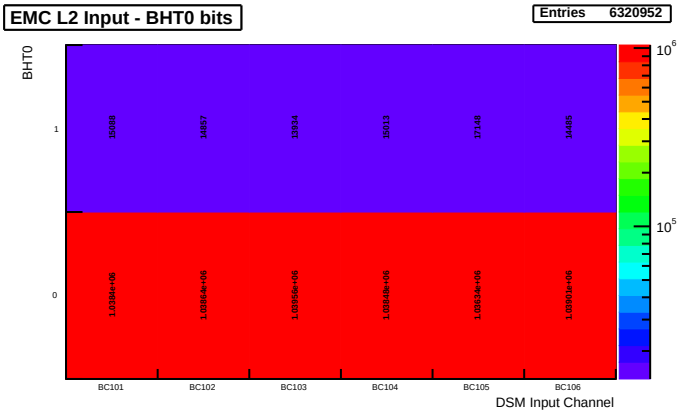

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

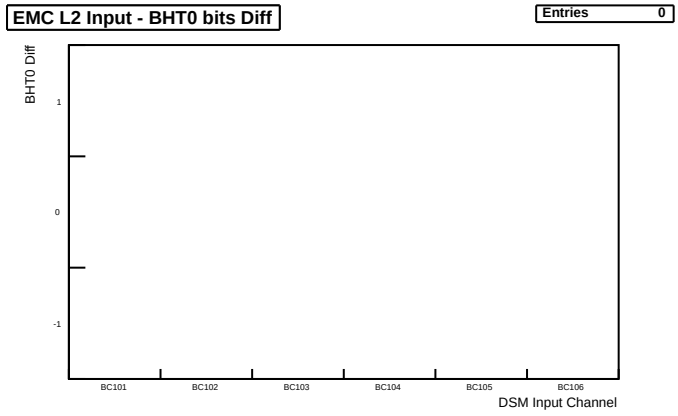

EMC L2 Input - JPZ/JPC bits
Entries 6320952
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

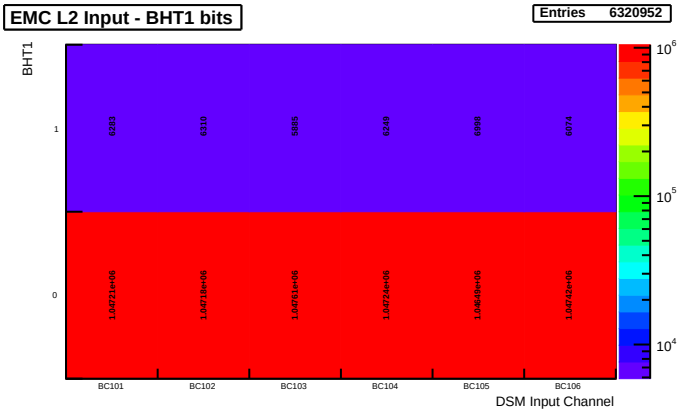

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

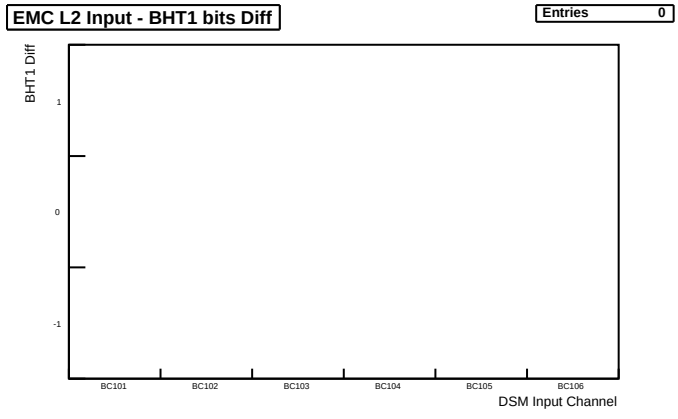

EMC L2 Input - Partial JP Sum
Entries 6320952
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

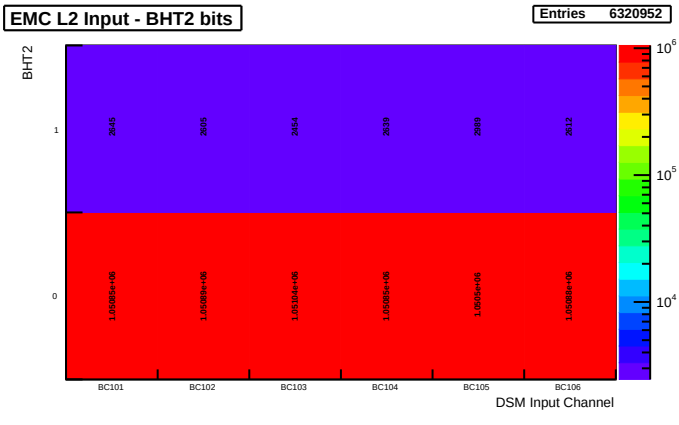

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

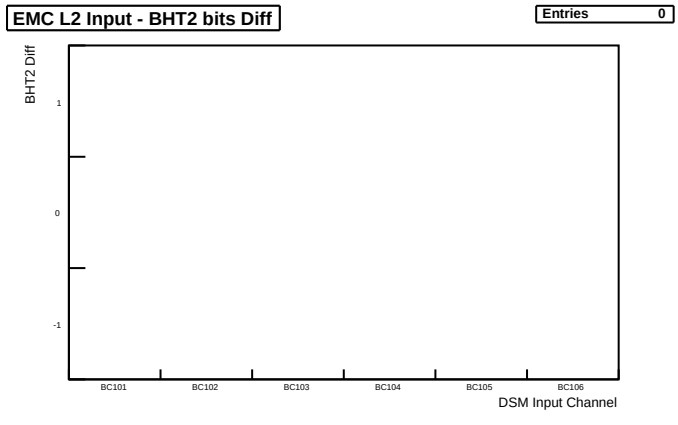

EMC L2 Input - BHT0 bits
Entries 6320952
BHT0
1
0
15088
14957
13934
15013
17148
14485
1.03984e+06
1.03964e+06
1.03959e+06
1.03948e+06
1.03834e+06
1.03901e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

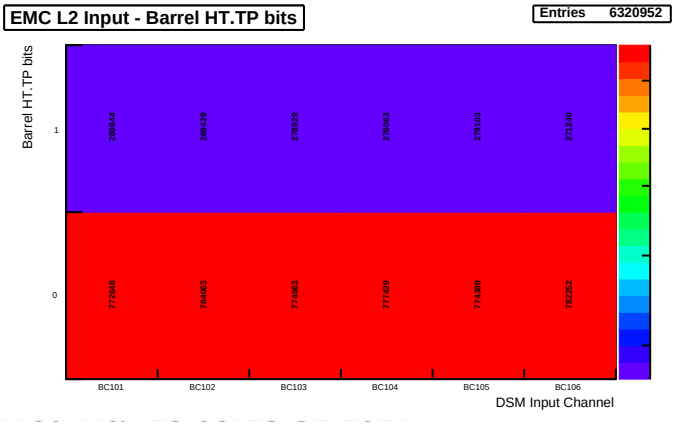

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

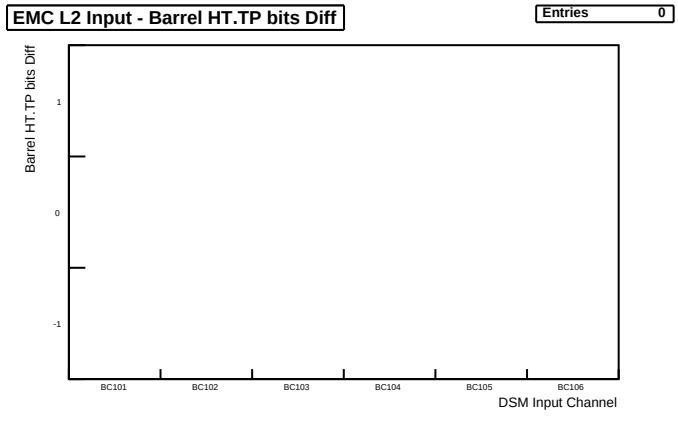

EMC L2 Input - BHT1 bits
Entries 6320952
BHT1
1
0
6283
6310
5885
6249
6998
6074
1.04721e+06
1.04718e+06
1.04761e+06
1.04724e+06
1.04649e+06
1.04642e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

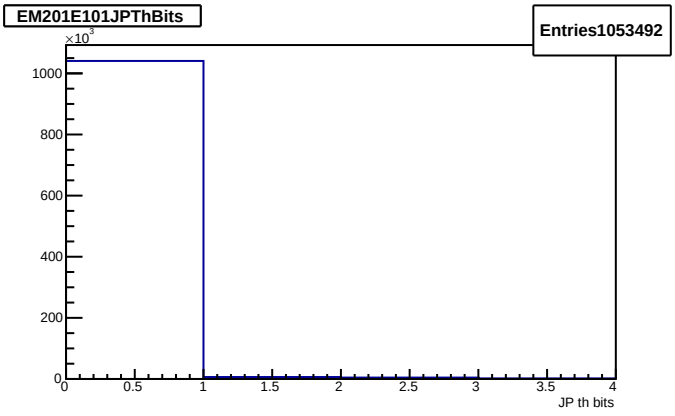

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

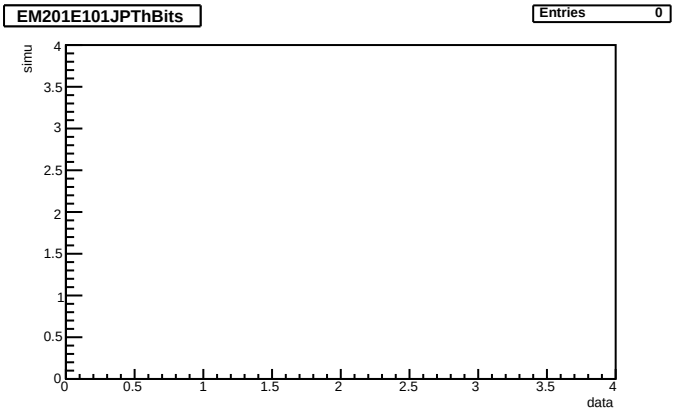

EMC L2 Input - BHT2 bits
Entries 6320952
BHT2
1
0
2645
2605
2654
2639
2589
2612
1.05085e+06
1.05089e+06
1.05104e+06
1.05085e+06
1.0509e+06
1.05088e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

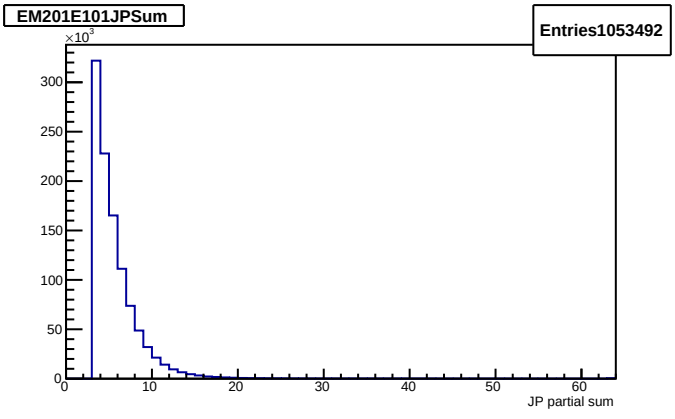

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

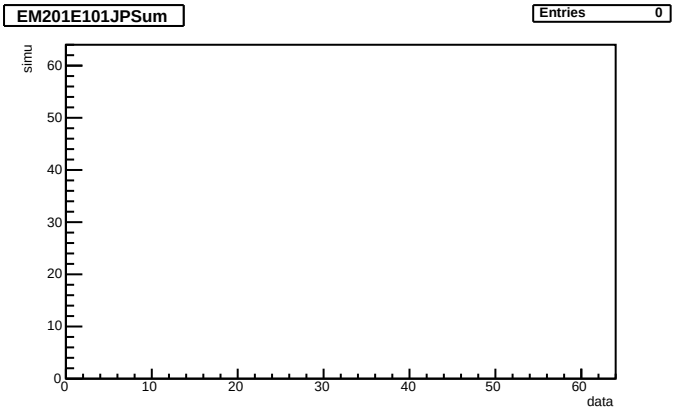

EMC L2 Input - Barrel HT.TP bits
Entries 6320952
Barrel HT.TP bits
1
0
280844
289429
278929
276063
279103
271240
772048
784063
774963
777429
774389
782352
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

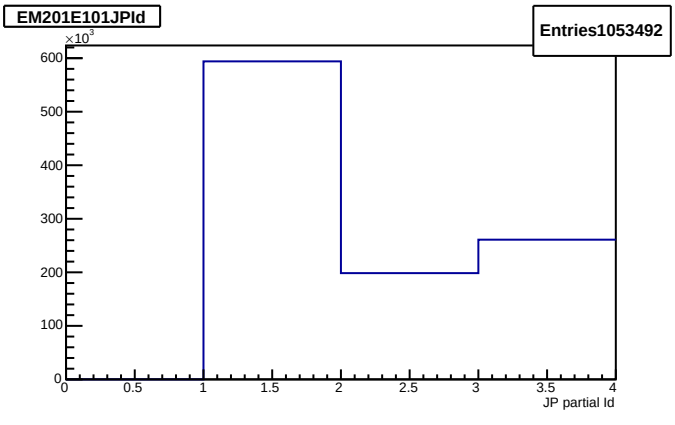

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

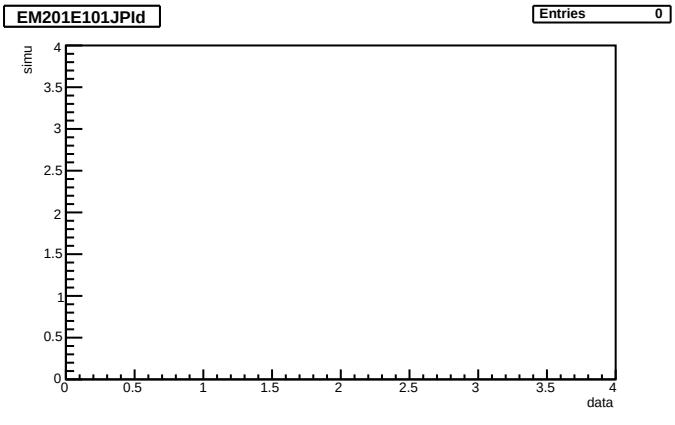

EM201E101JPThBits
Entries1053492
×10^3
1000
800
600
400
200
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP th bits

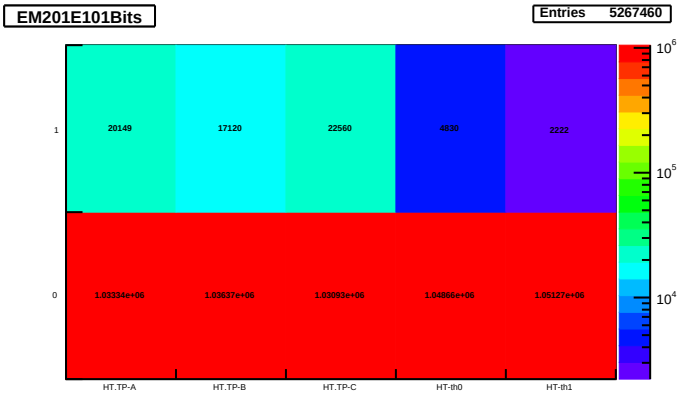

EM201E101JPThBits
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

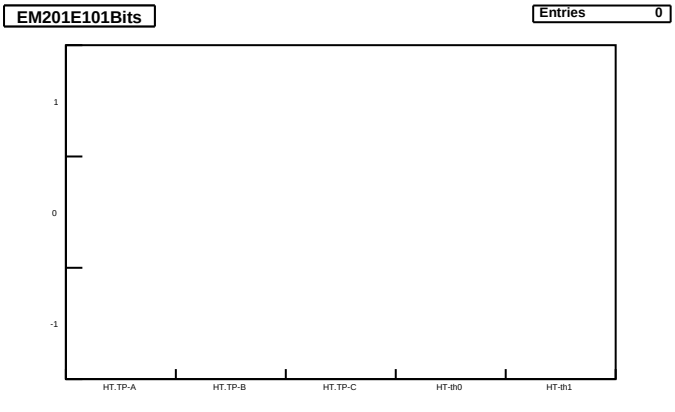

EM201E101JPSum
Entries1053492
×10^3
300
250
200
150
100
50
0
0 10 20 30 40 50 60
JP partial sum

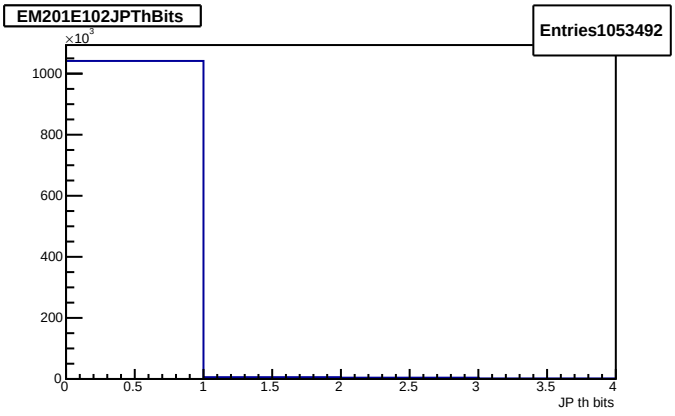

EM201E101JPSum
Entries 0
simu
60 50 40 30 20 10 0
0 10 20 30 40 50 60
data

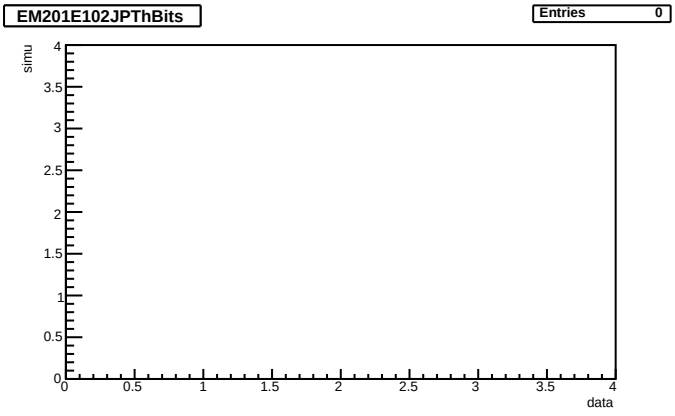

EM201E101JPId
Entries1053492
×10^3
600
500
400
300
200
100
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP partial Id

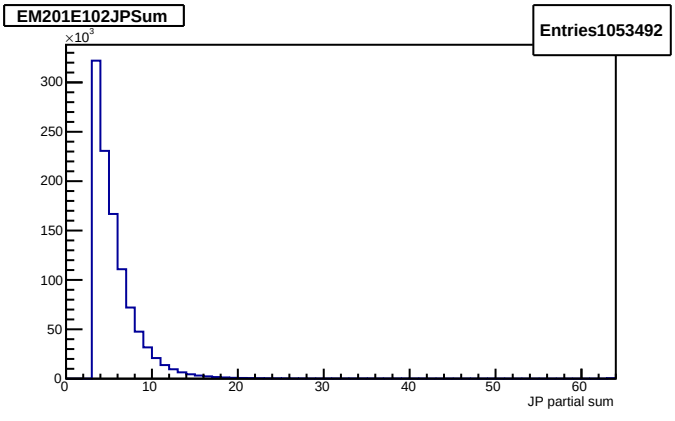

EM201E101JPId
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

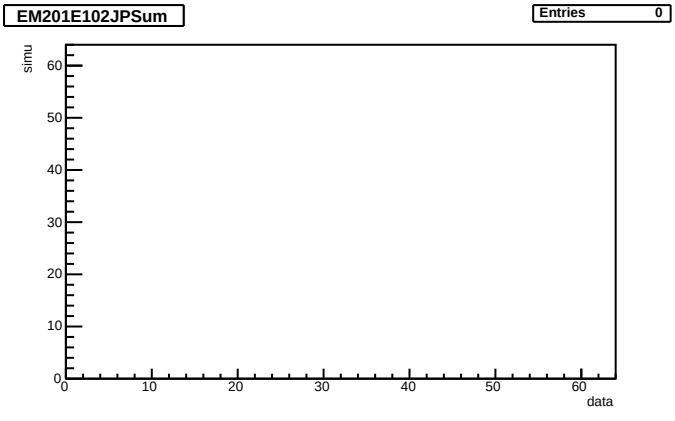

EM201E101Bits
Entries 5267460
1
0
20149
17120
22560
4830
2222
1.03334e+06
1.03637e+06
1.03093e+06
1.04866e+06
1.05127e+06
10^6
10^5
10^4
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

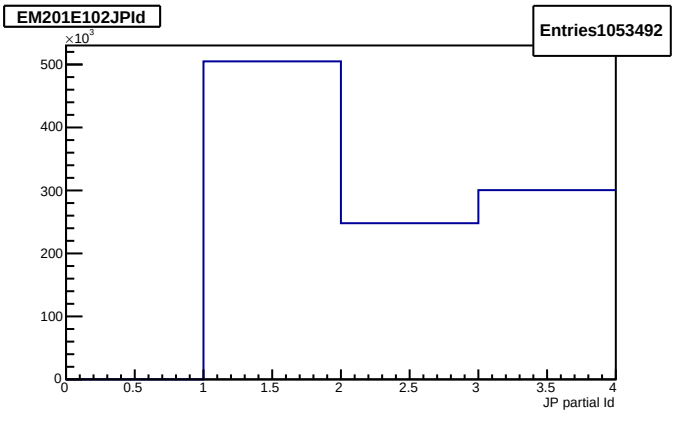

EM201E101Bits
Entries 0
1
0
-1
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

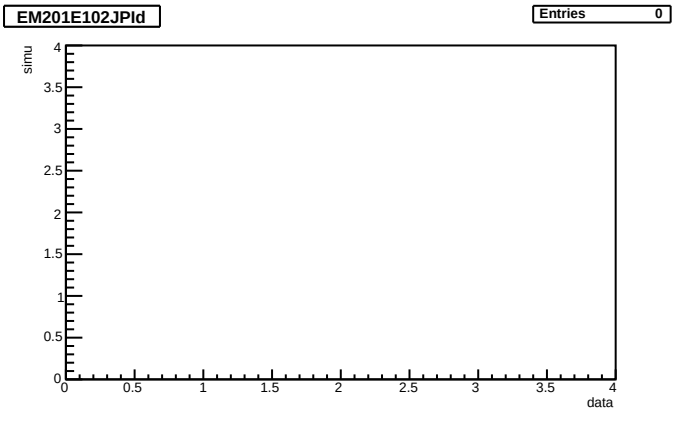

EM201E102JPThBits
Entries1053492
×10^3
JP th bits

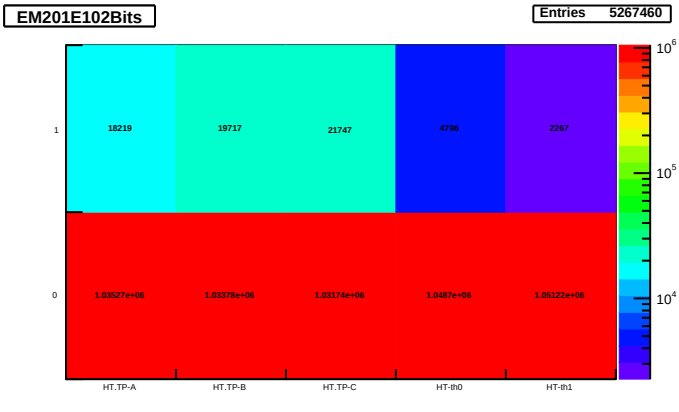

EM201E102JPThBits
Entries 0
simu
data

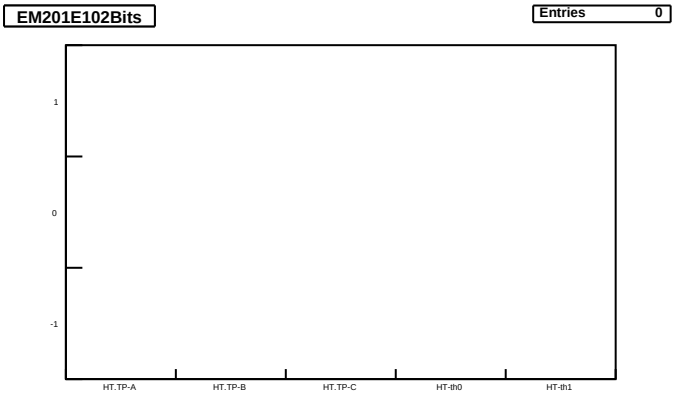

EM201E102JPSum
Entries1053492
×10^3
JP partial sum

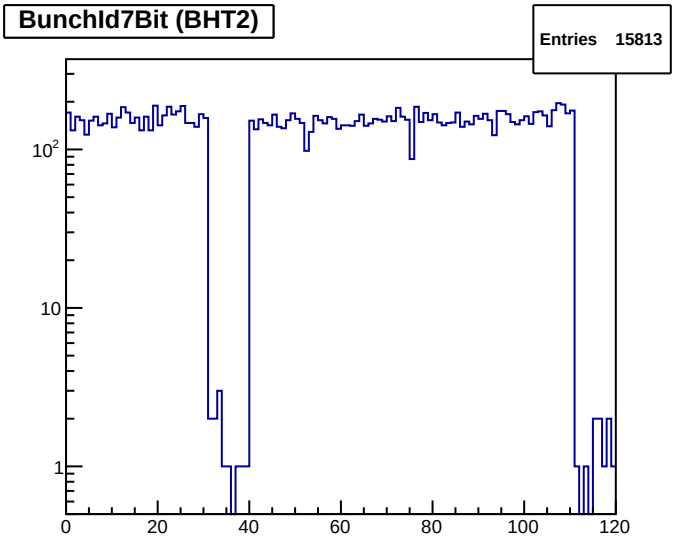

EM201E102JPSum
Entries 0
simu
data

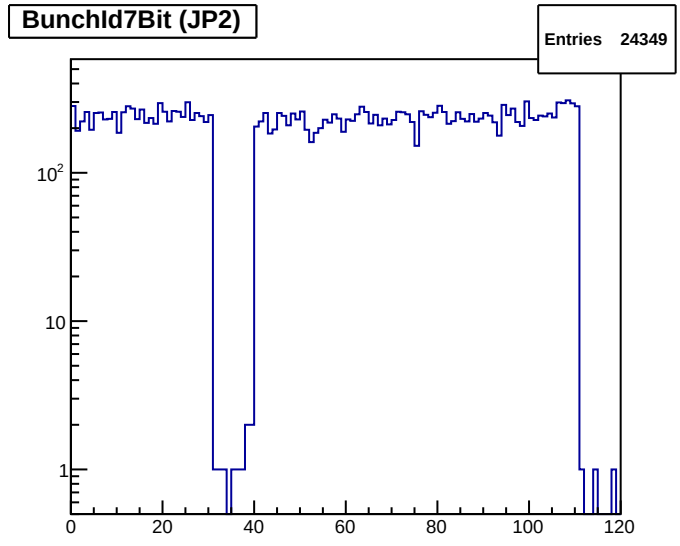

EM201E102JPId
Entries1053492
×10^3
JP partial Id

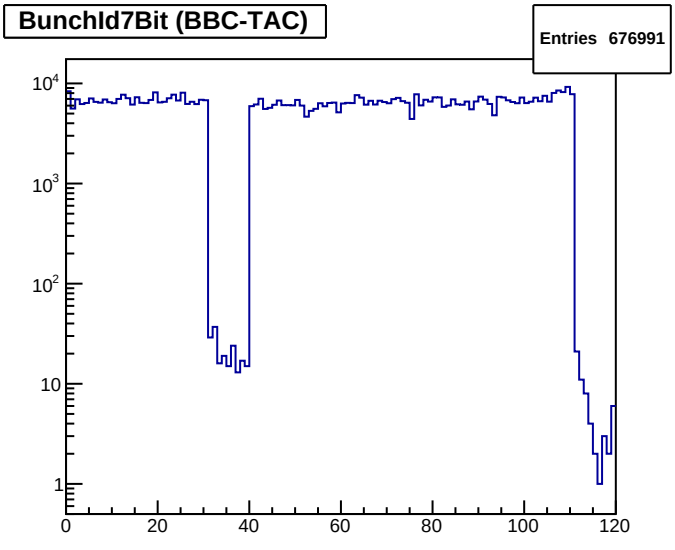

EM201E102JPId
Entries 0
simu
data

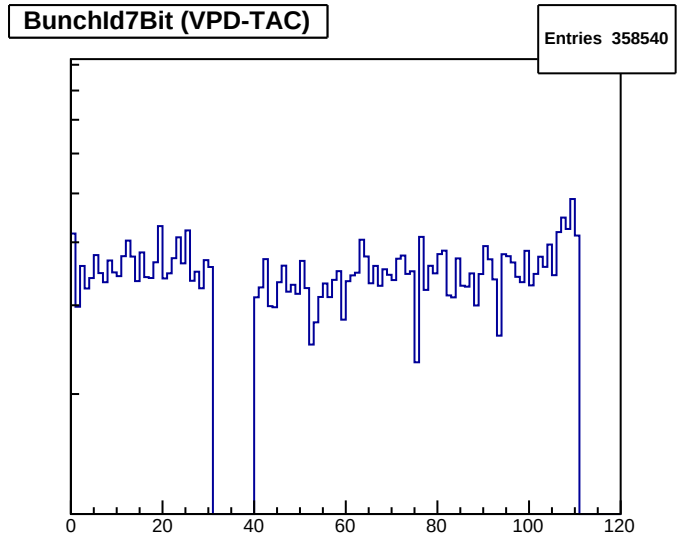

EM201E102Bits
Entries 5267460
18219
19717
21747
4798
2267
1.03527e+06
1.03378e+06
1.03174e+06
1.0487e+06
1.05122e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

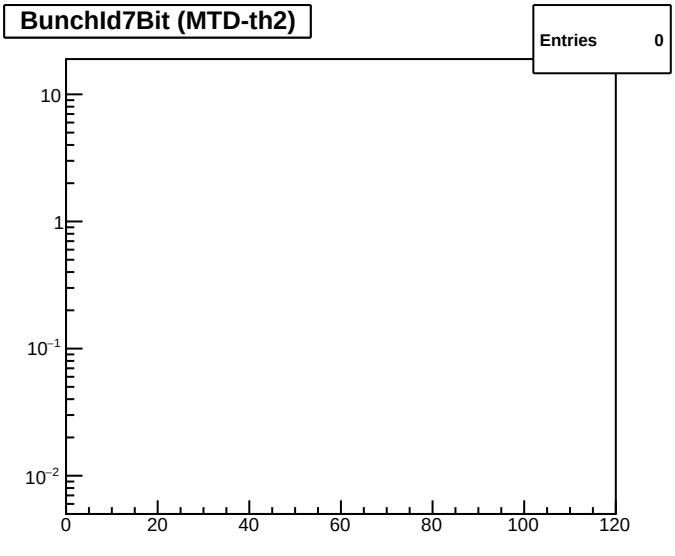

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

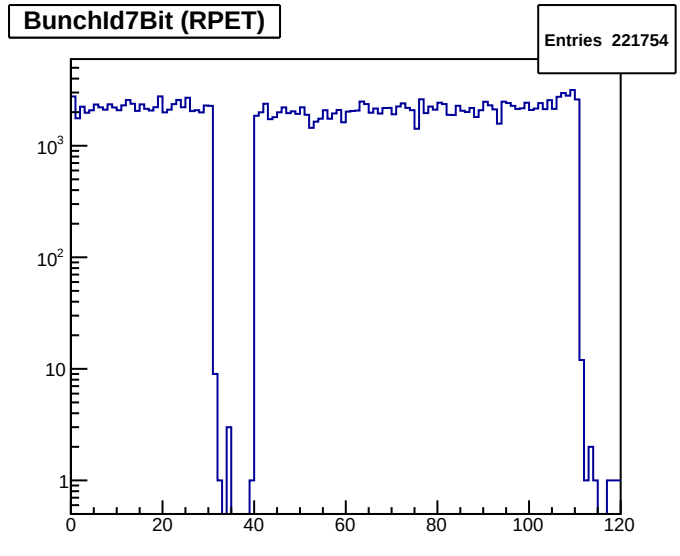

BunchId7Bit (BHT2)
Entries 15813

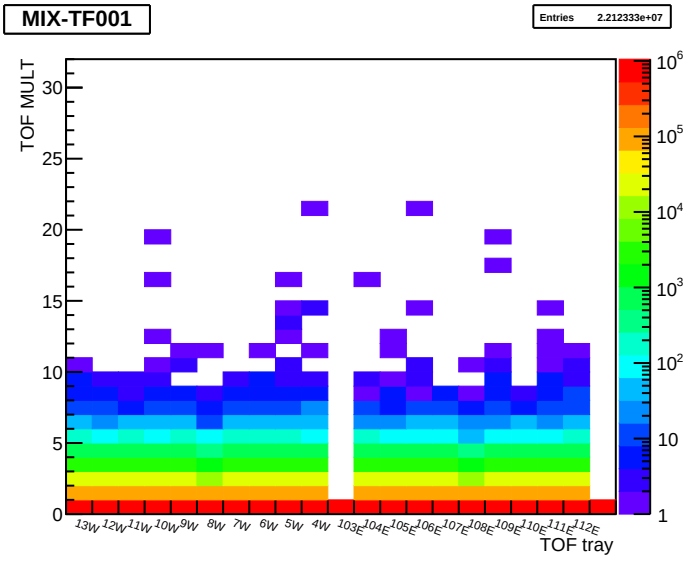

BunchId7Bit (JP2)
Entries 24349

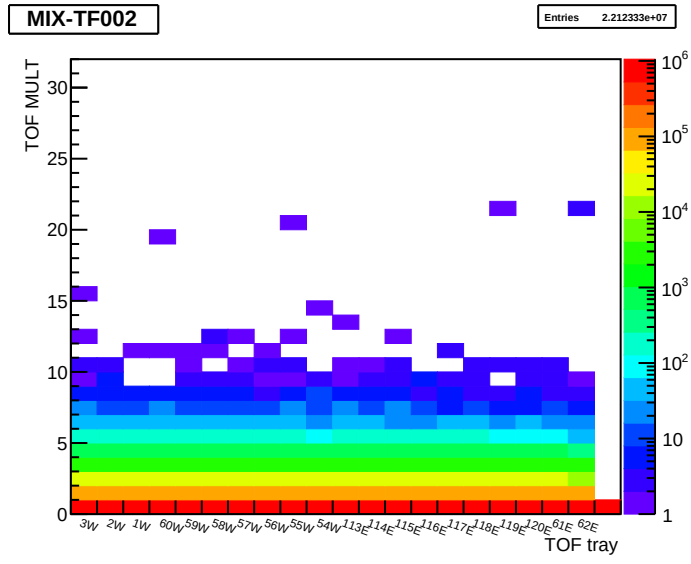

BunchId7Bit (BBC-TAC)
Entries 676991

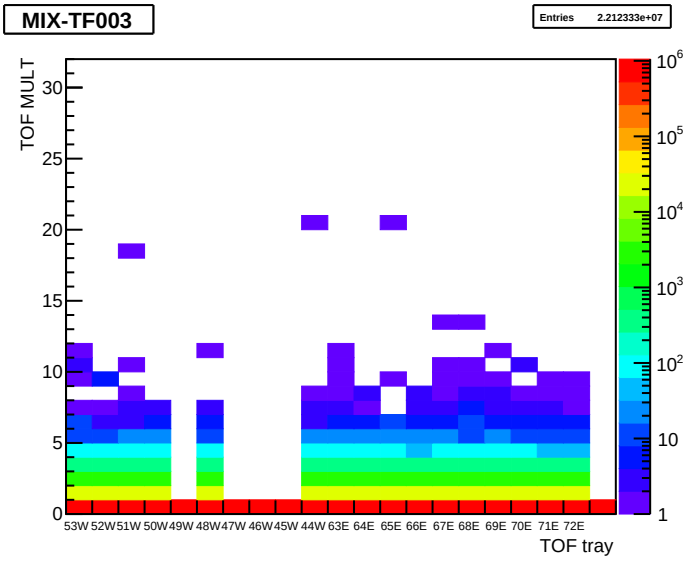

BunchId7Bit (VPD-TAC)
Entries 358540

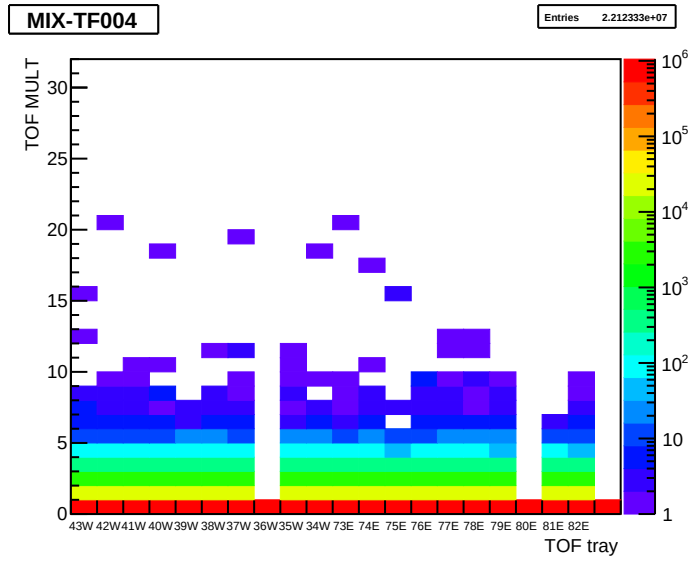

BunchId7Bit (MTD-th2)
Entries 0

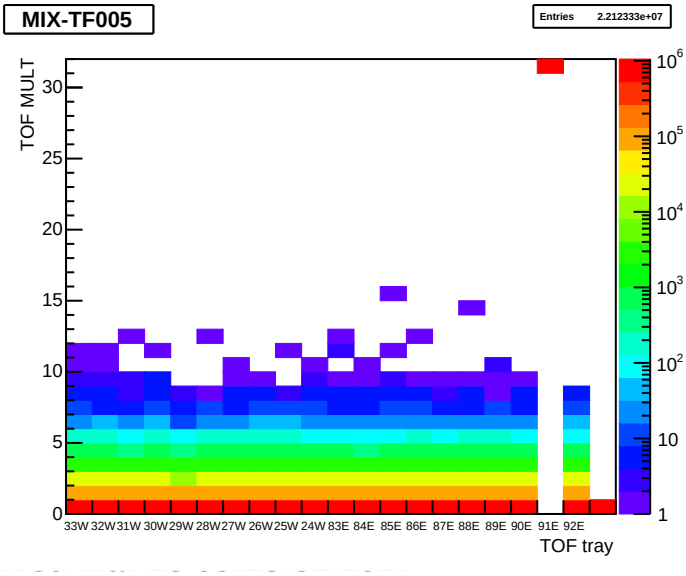

BunchId7Bit (RPET)
Entries 221754

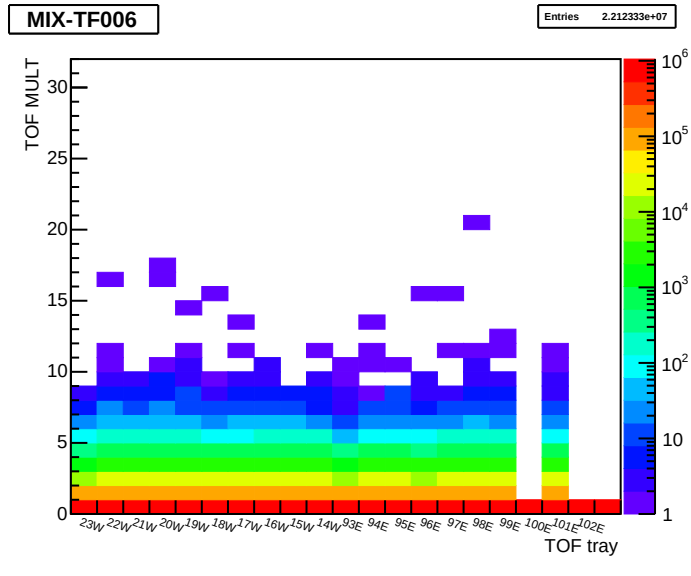

MIX-TF001
Entries 2.212333e+07
TOF MULT
TOF tray

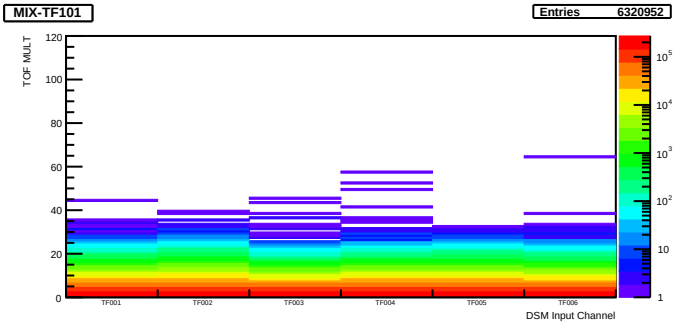

MIX-TF002
Entries 2.212333e+07
TOF MULT
TOF tray

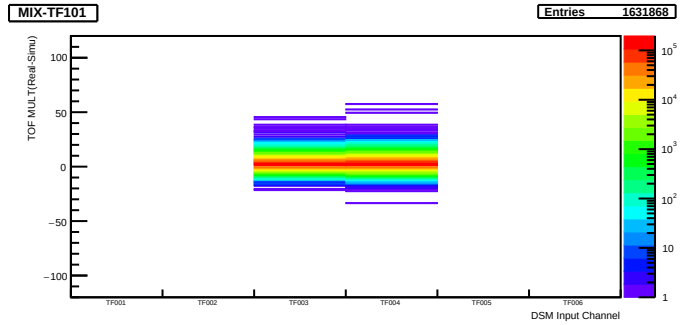

MIX-TF003
Entries 2.212333e+07
TOF MULT
TOF tray

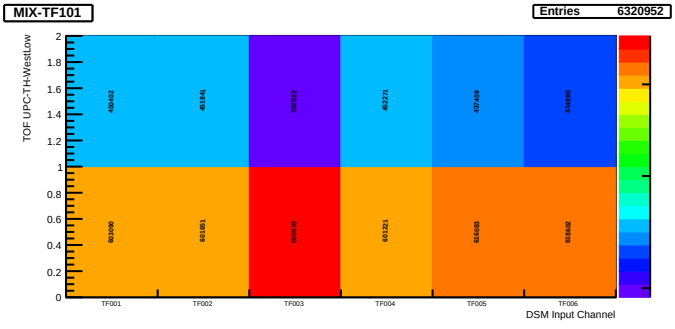

MIX-TF004
Entries 2.212333e+07
TOF MULT
TOF tray

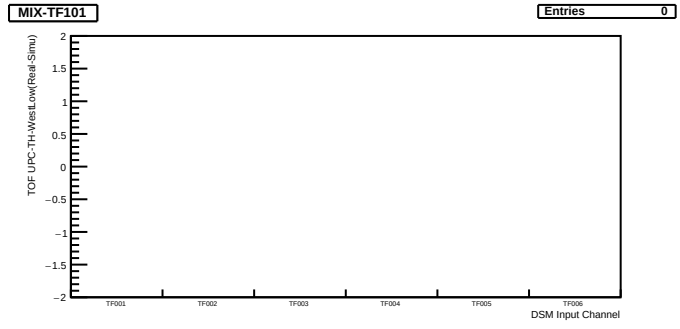

MIX-TF005
Entries 2.212333e+07
TOF MULT
TOF tray

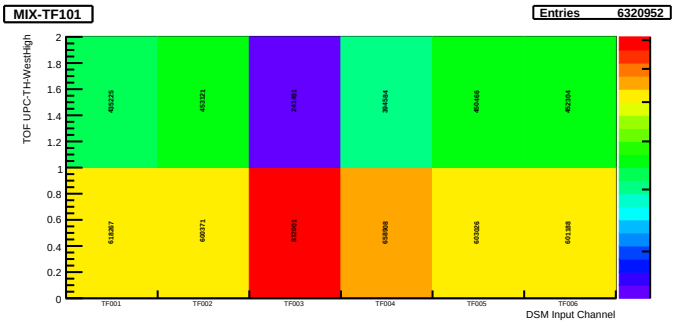

MIX-TF006
Entries 2.212333e+07
TOF MULT
TOF tray

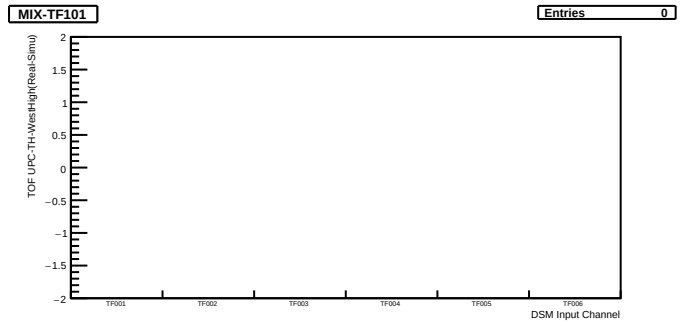

MIX-TF101
Entries 6320952
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

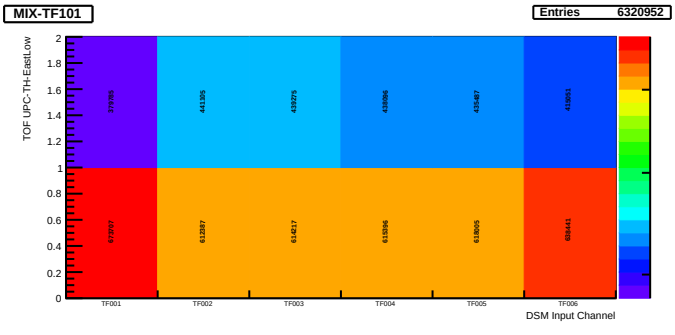

MIX-TF101
Entries 1631868
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

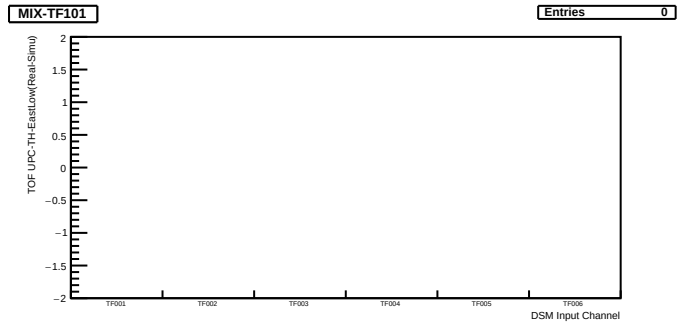

MIX-TF101
Entries 6320952
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

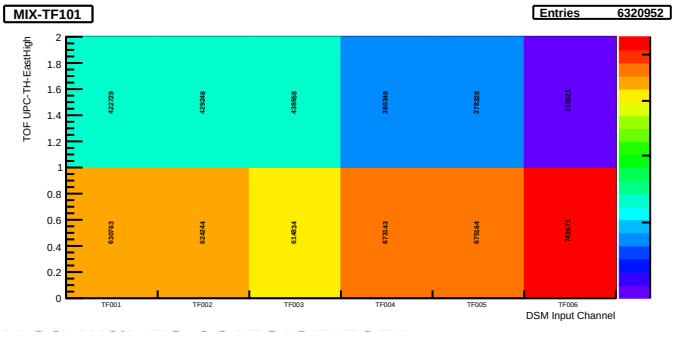

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

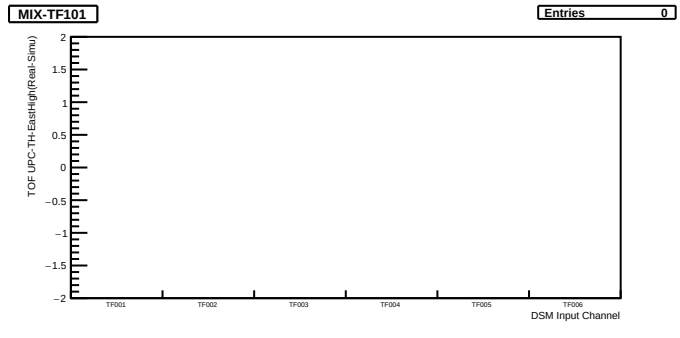

MIX-TF101
Entries 6320952
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

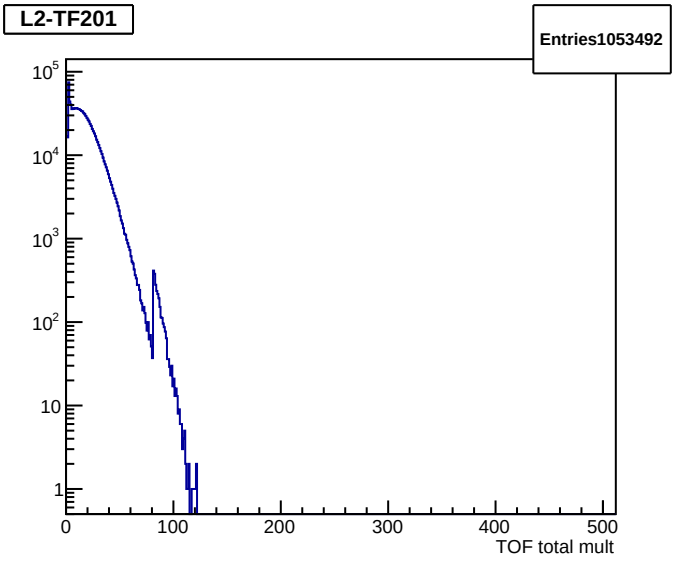

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

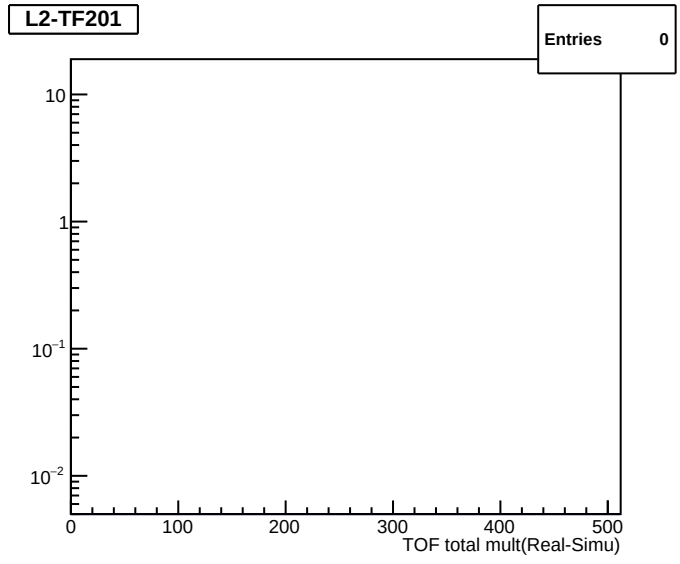

MIX-TF101
Entries 6320952
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

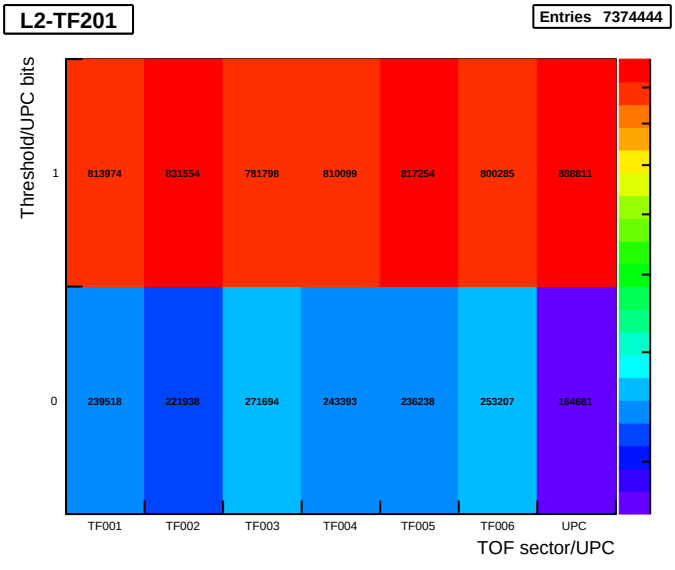

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

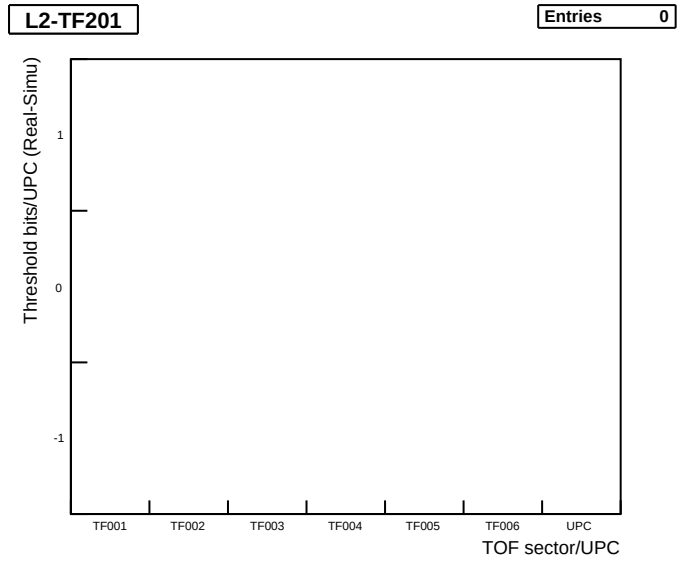

MIX-TF101
Entries 6320952
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

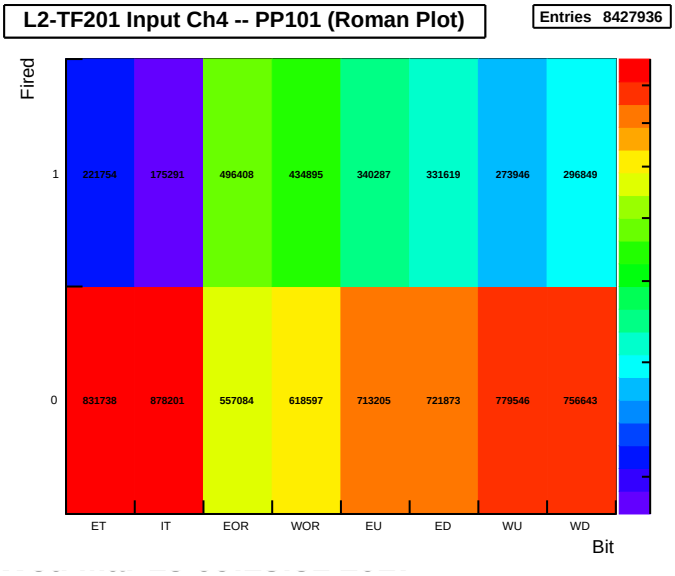

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

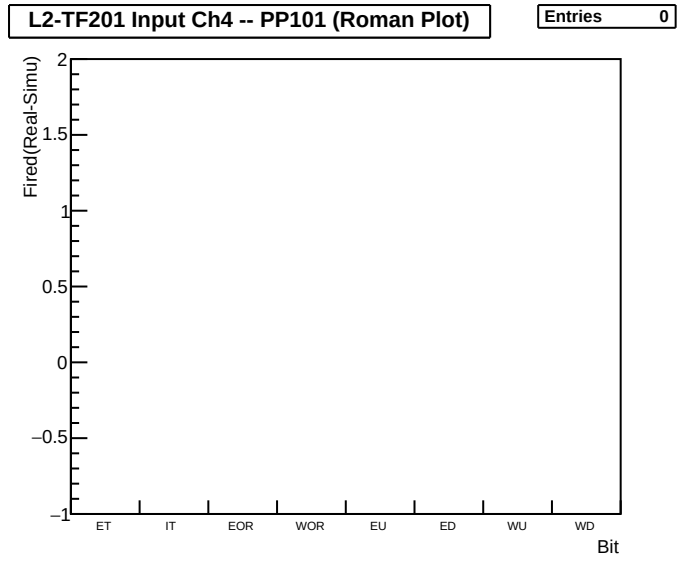

L2-TF201
Entries1053492
TOF total mult

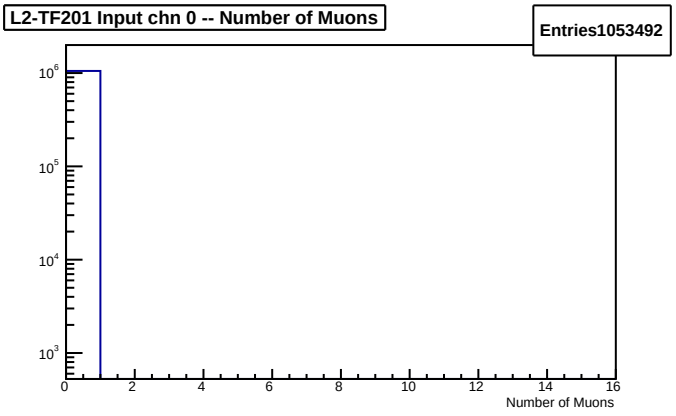

L2-TF201
Entries 0
TOF total mult(Real-Simu)

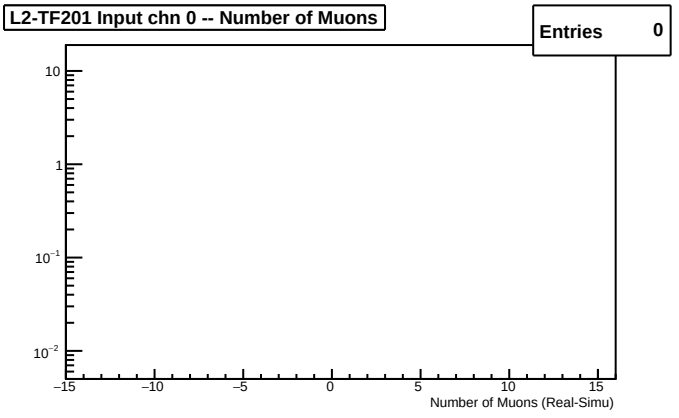

L2-TF201
Entries 7374444
Threshold/UPC bits
813974 831554 781798 810099 817254 800285 888811
239518 221938 271694 243393 236238 253207 164681
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

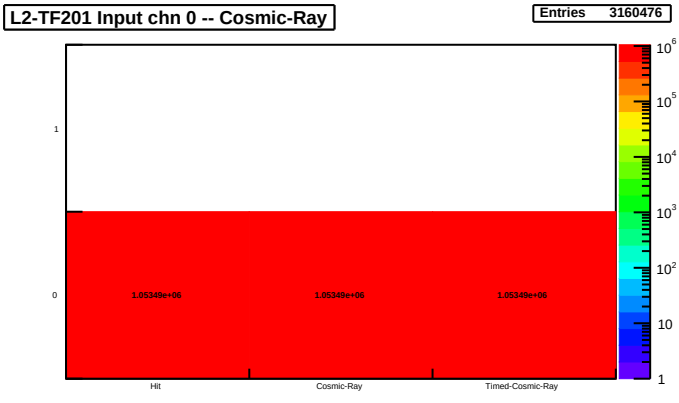

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

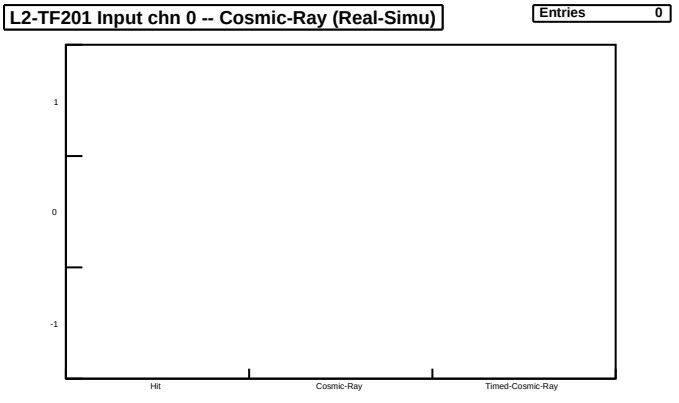

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 8427936
Fired
221754 175291 496408 434895 340287 331619 273946 296849
831738 878201 557084 618597 713205 721873 779546 756643
ET IT EOR WOR EU ED WU WD
Bit

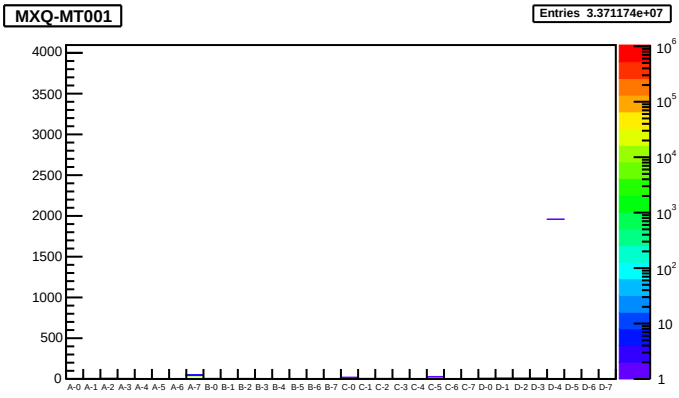

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

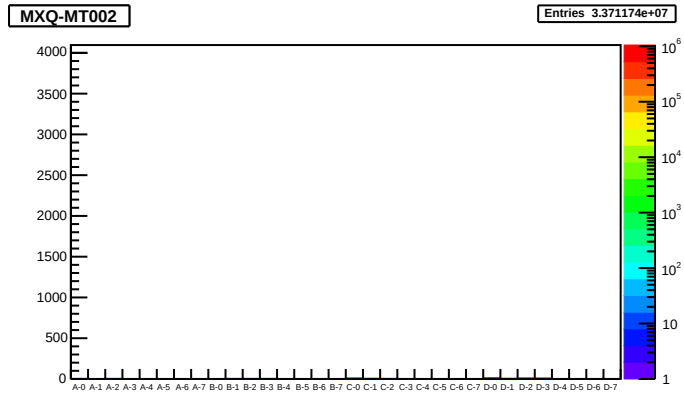

L2-TF201 Input chn 0 -- Number of Muons
Entries1053492
Number of Muons

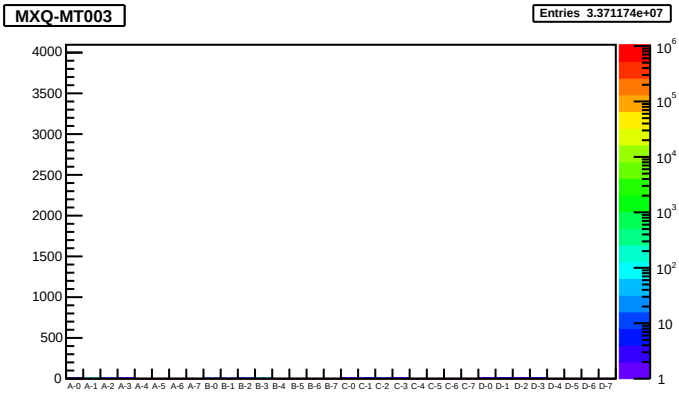

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

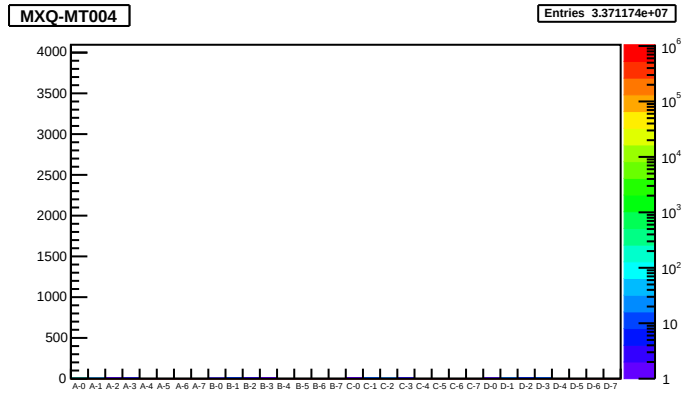

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3160476
1.05349e+06
1.05349e+06
1.05349e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

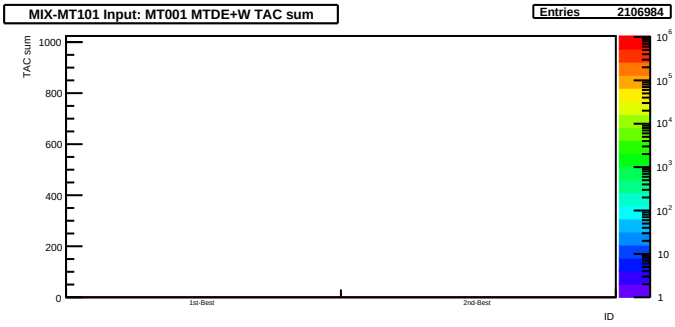

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

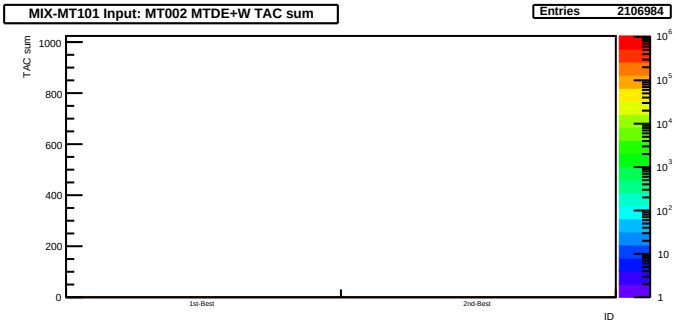

MXQ-MT001
Entries 3.371174e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

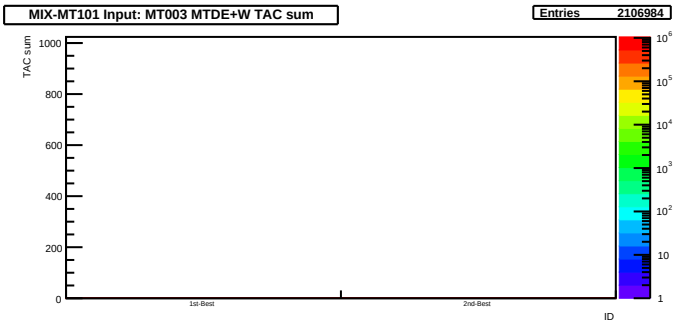

MXQ-MT002
Entries 3.371174e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

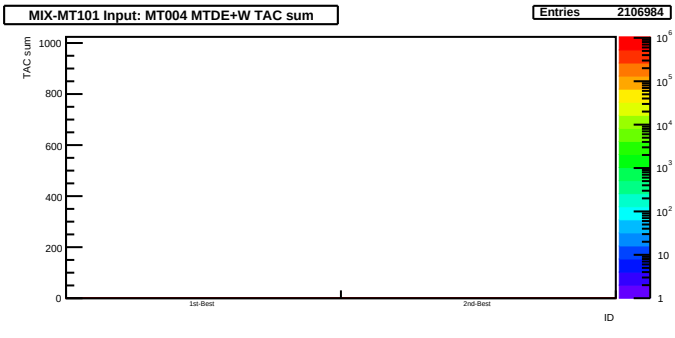

MXQ-MT003
Entries 3.371174e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

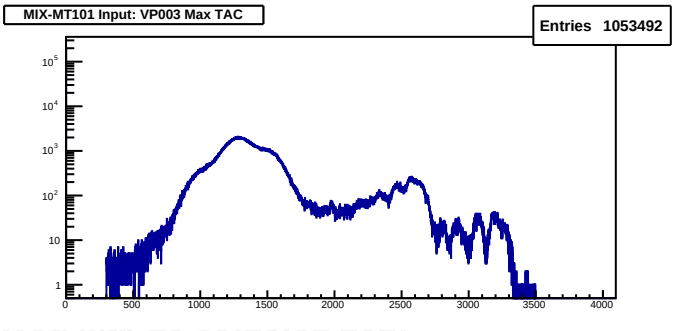

MXQ-MT004
Entries 3.371174e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

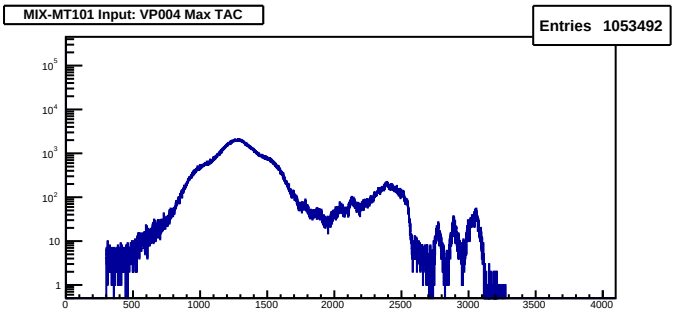

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2106984
TAC sum
1st-Best
2nd-Best
ID

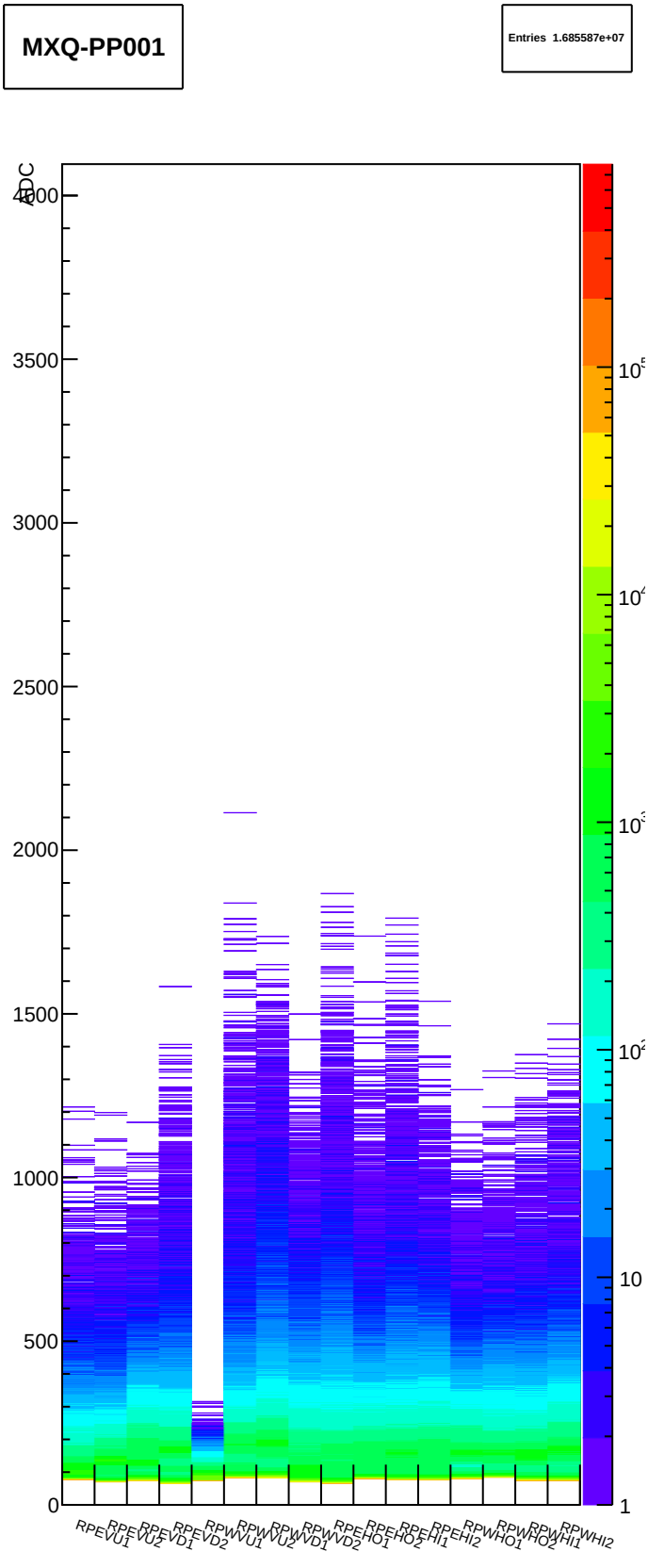

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2106984
TAC sum
1st-Best
2nd-Best
ID

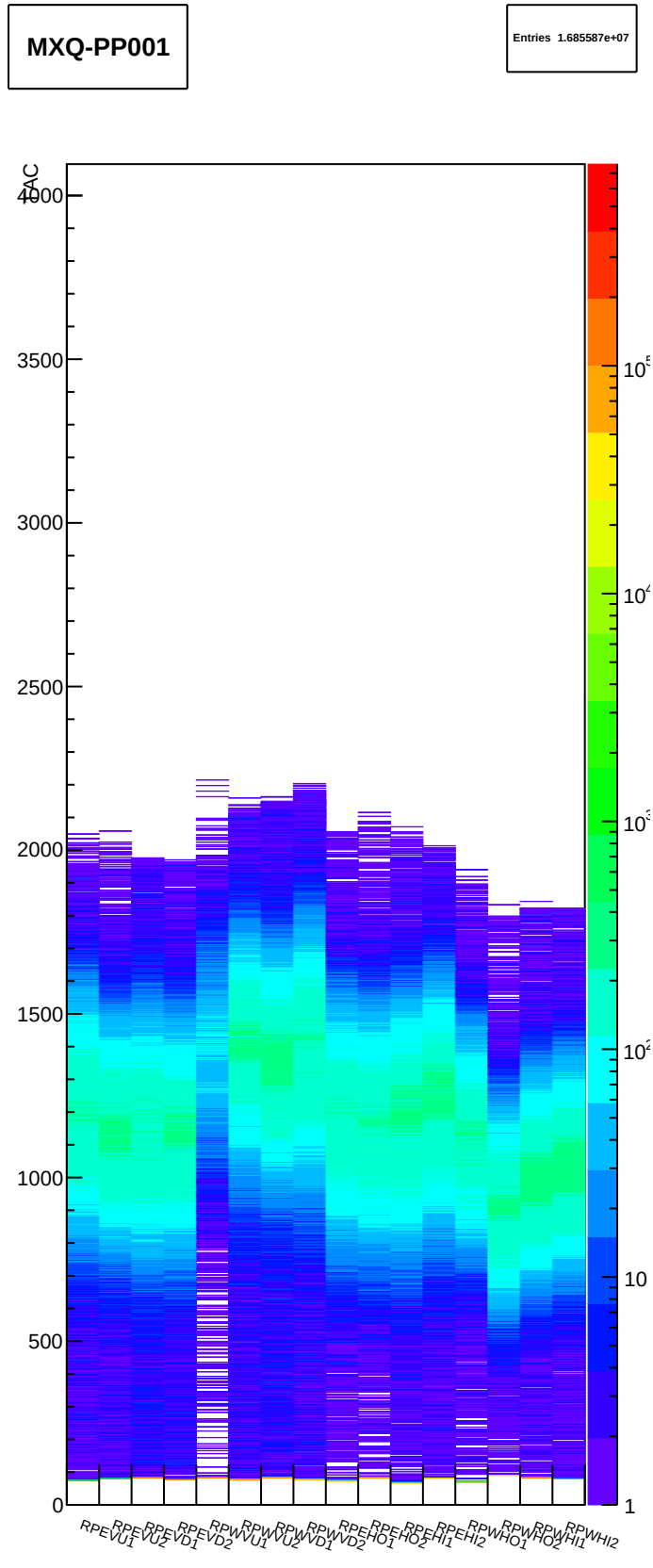

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2106984
TAC sum
1st-Best
2nd-Best
ID

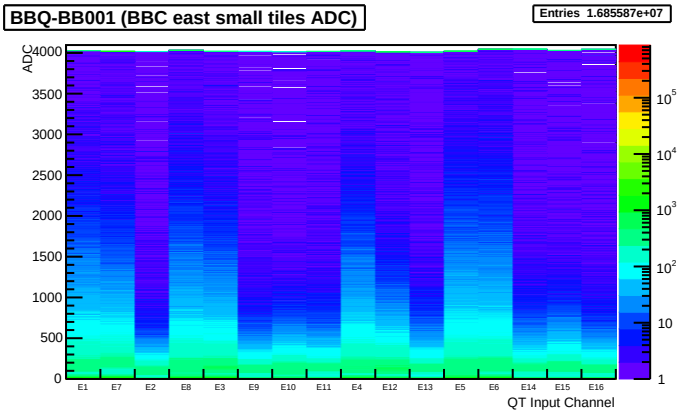

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2106984
TAC sum
1st-Best
2nd-Best
ID

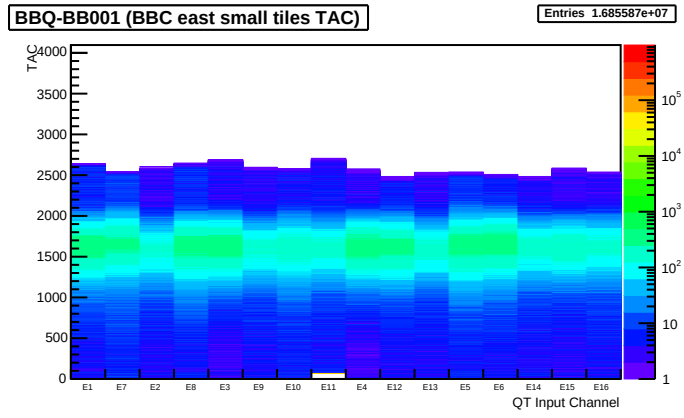

MIX-MT101 Input: VP003 Max TAC
Entries 1053492

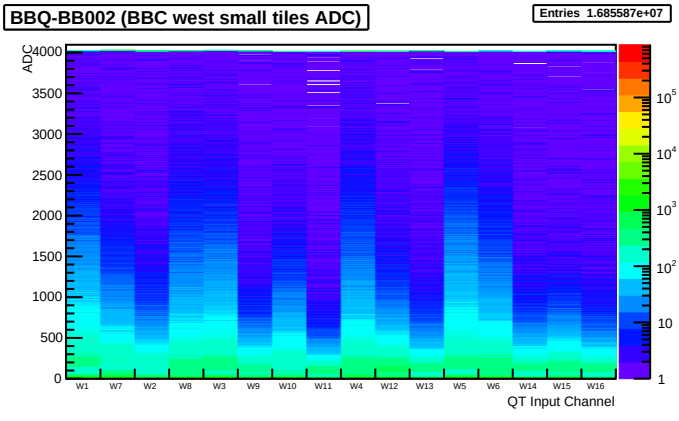

MIX-MT101 Input: VP004 Max TAC
Entries 1053492

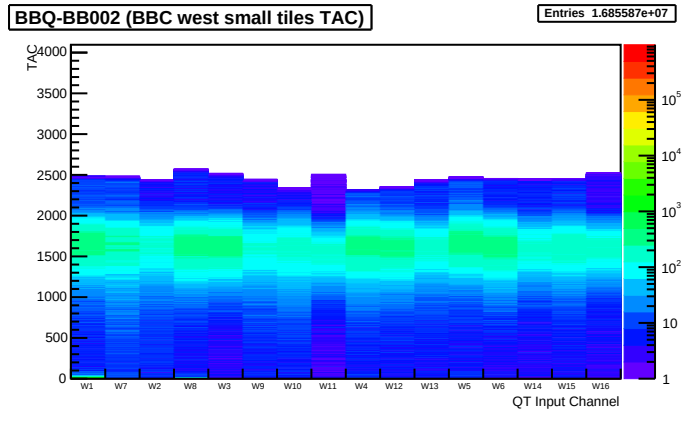

MXQ-PP001
Entries 1.685587e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

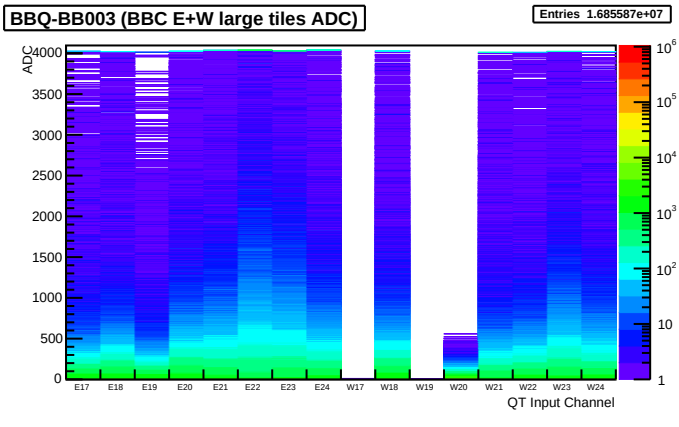

MXQ-PP001
Entries 1.685587e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

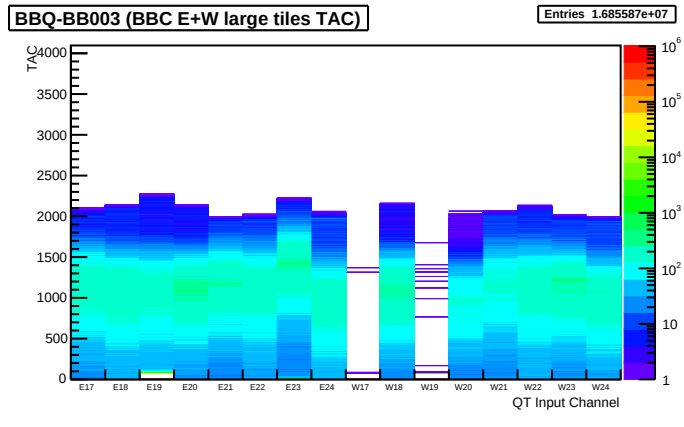

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.685587e+07
ADC
QT Input Channel

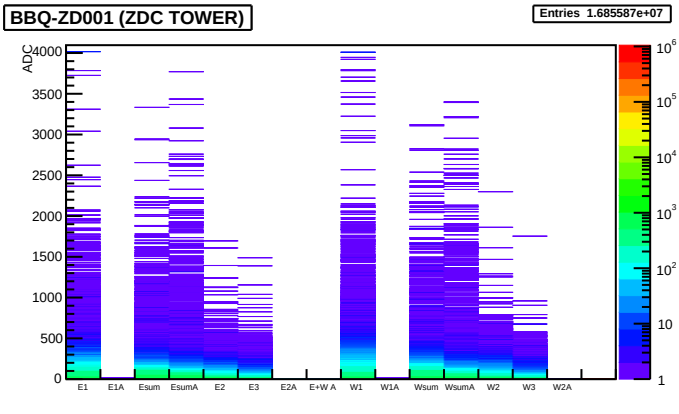

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.685587e+07
TAC
QT Input Channel

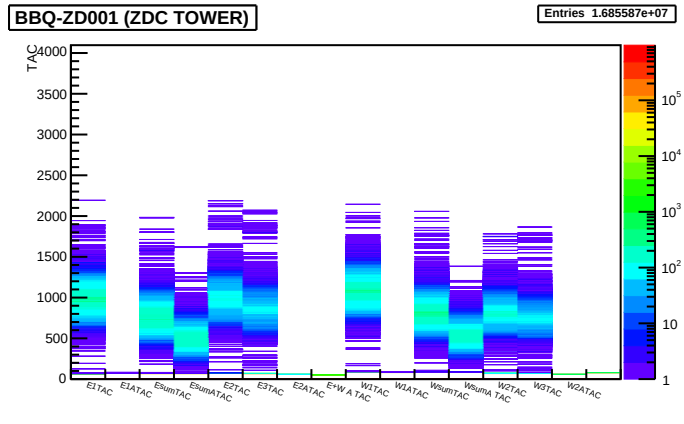

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.685587e+07
ADC
QT Input Channel

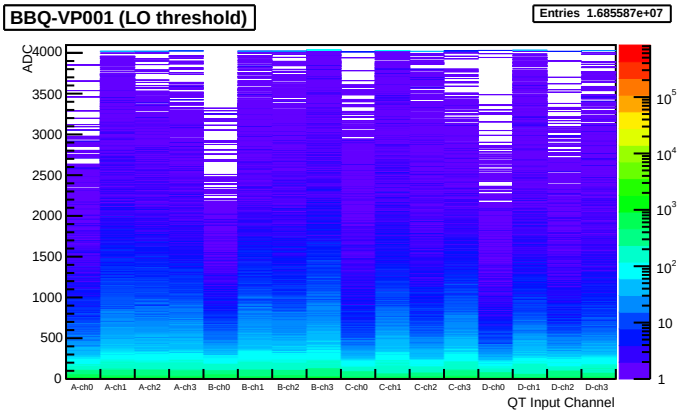

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.685587e+07
TAC
QT Input Channel

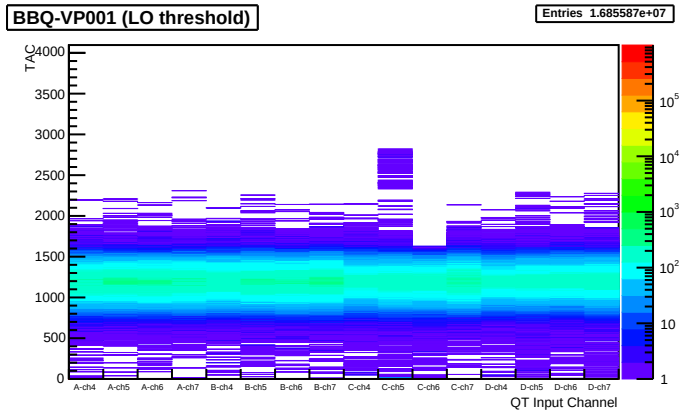

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.685587e+07
ADC
QT Input Channel

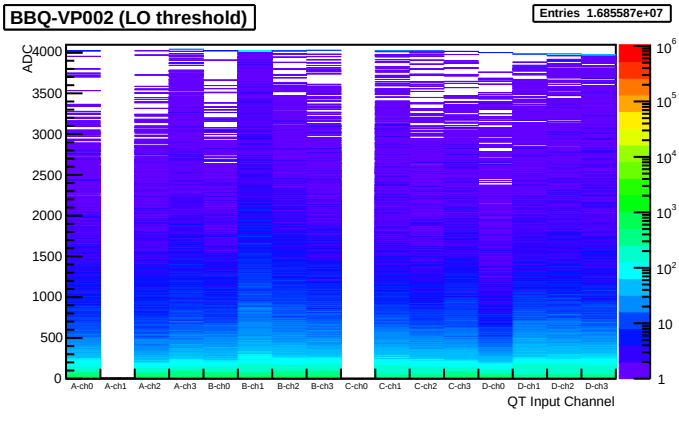

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.685587e+07
TAC
QT Input Channel

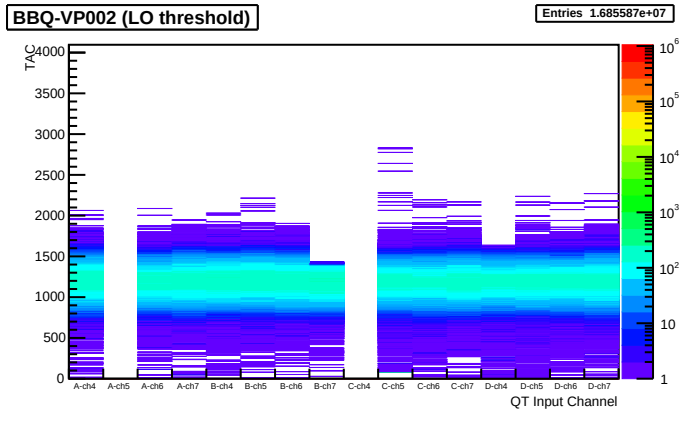

BBQ-ZD001 (ZDC TOWER)
Entries 1.685587e+07
ADC

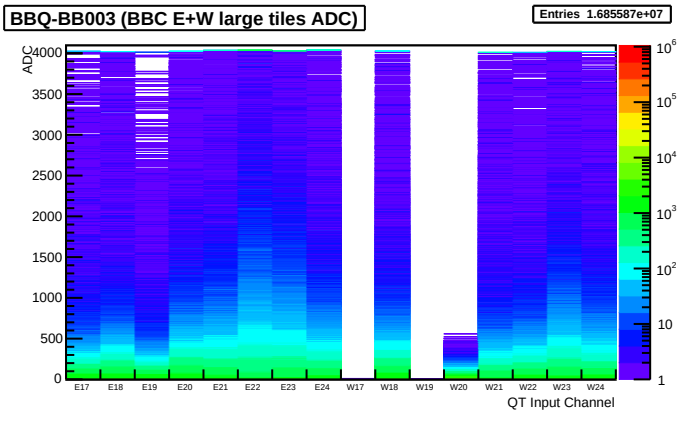

BBQ-ZD001 (ZDC TOWER)
Entries 1.685587e+07
TAC

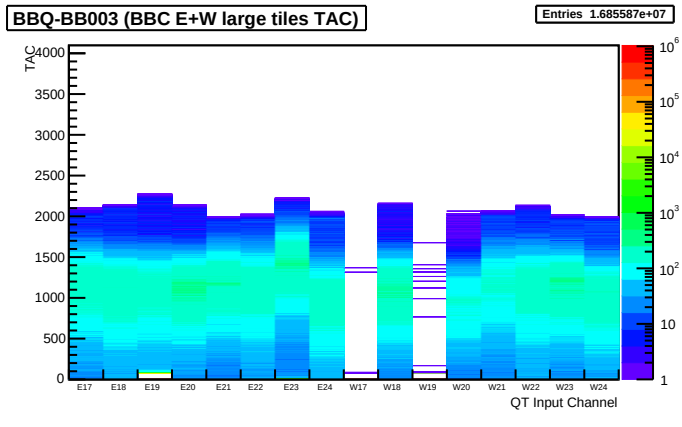

BBQ-VP001 (LO threshold)
Entries 1.685587e+07
ADC
QT Input Channel

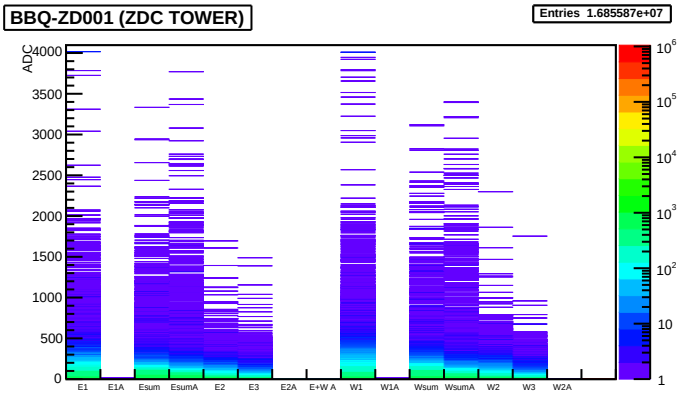

BBQ-VP001 (LO threshold)
Entries 1.685587e+07
TAC
QT Input Channel

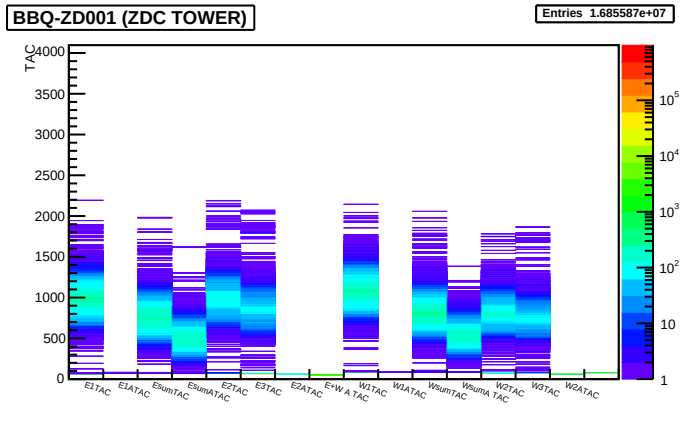

BBQ-VP002 (LO threshold)
Entries 1.685587e+07
ADC
QT Input Channel

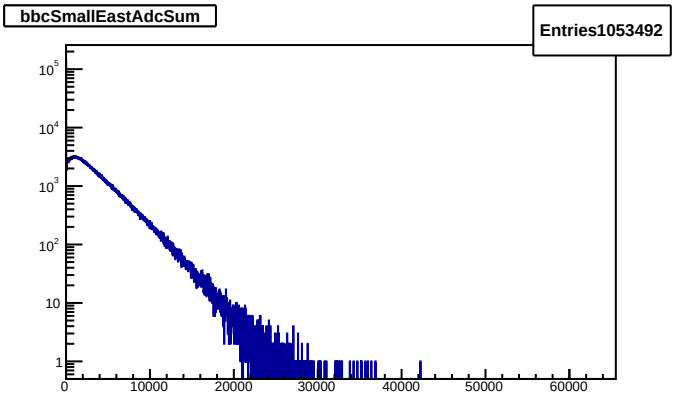

BBQ-VP002 (LO threshold)
Entries 1.685587e+07
TAC
QT Input Channel

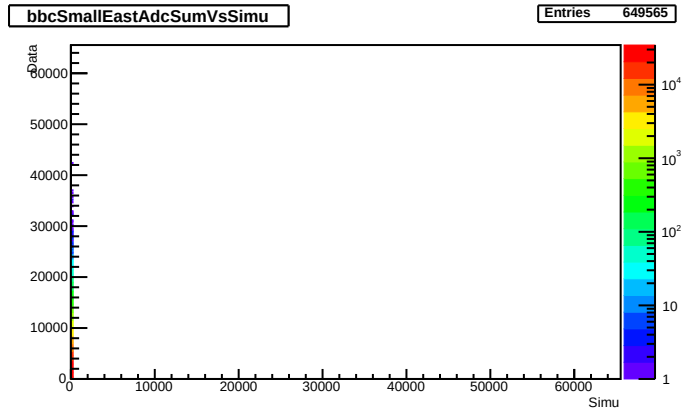

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.685587e+07
ADC
QT Input Channel

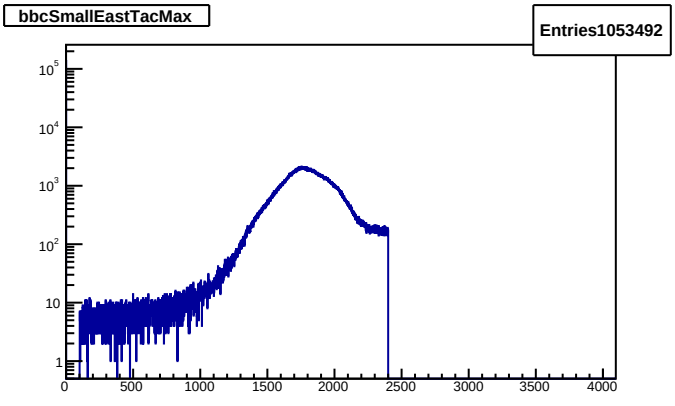

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.685587e+07
TAC
QT Input Channel

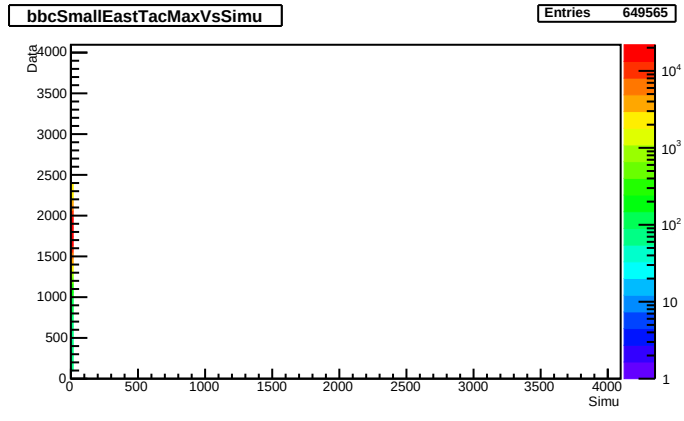

BBQ-ZD001 (ZDC TOWER)
Entries 1.685587e+07
ADC

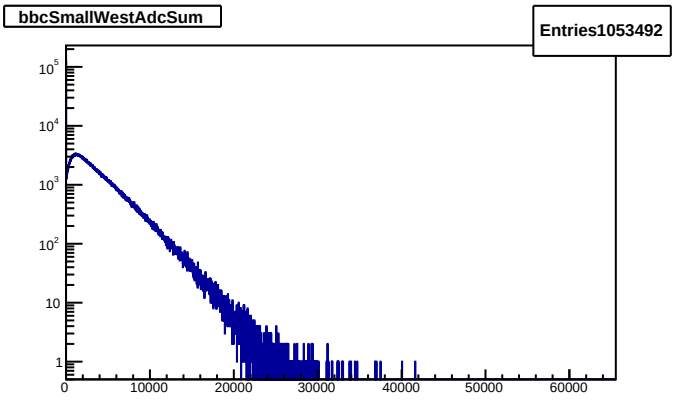

BBQ-ZD001 (ZDC TOWER)
Entries 1.685587e+07
TAC

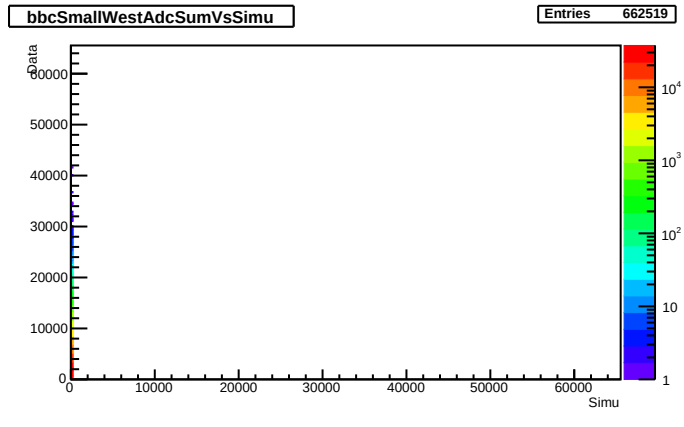

bbcSmallEastAdcSum
Entries1053492

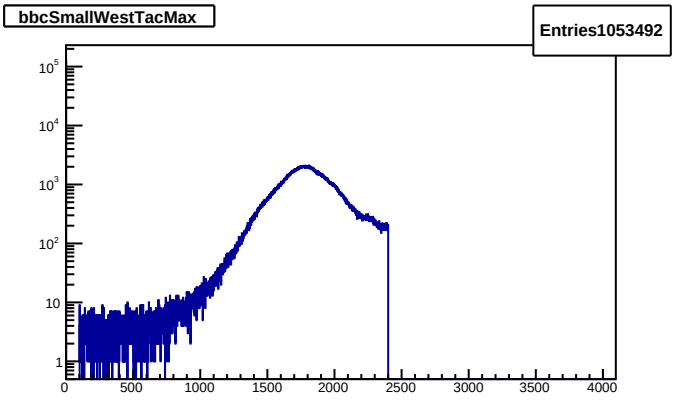

bbcSmallEastAdcSumVsSimu
Entries 649565
Data
Simu

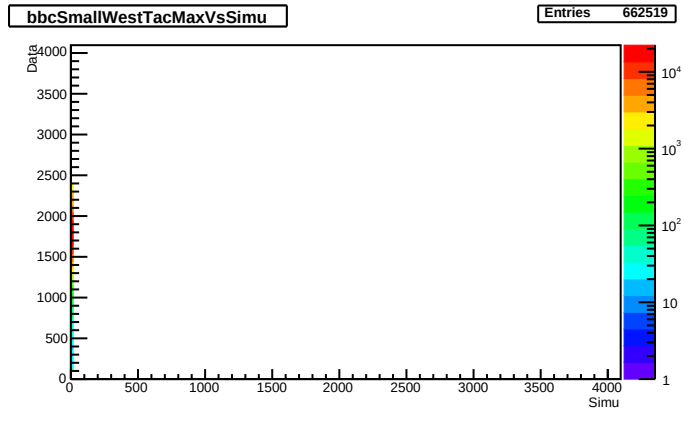

bbcSmallEastTacMax
Entries1053492

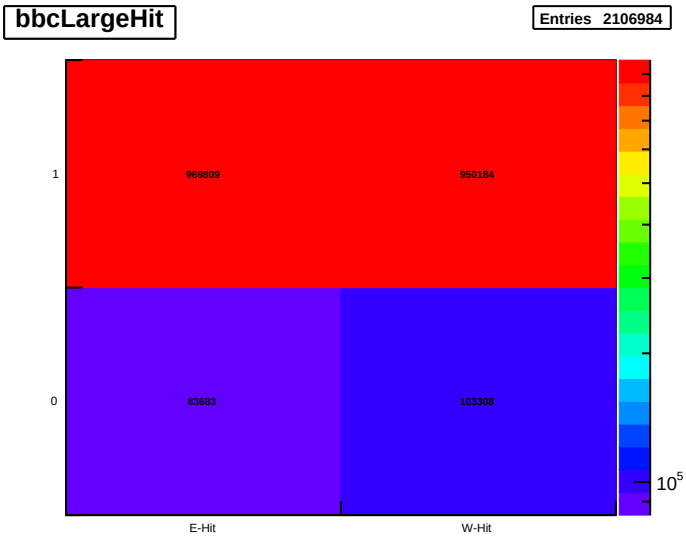

bbcSmallEastTacMaxVsSimu
Entries 649565
Data
Simu

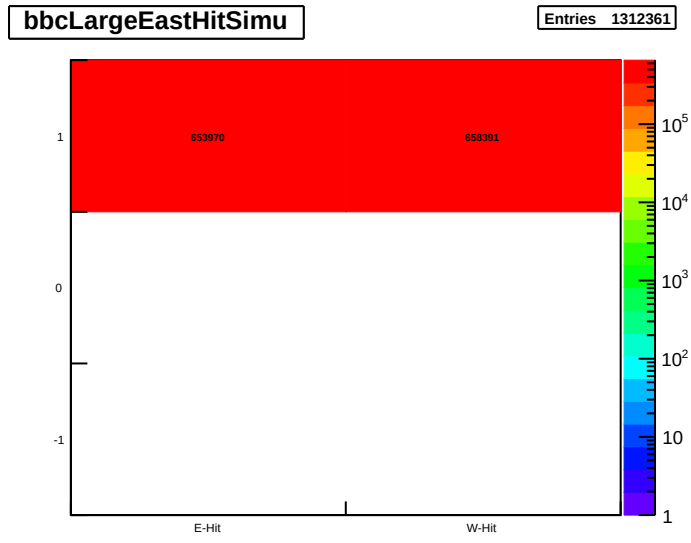

bbcSmallWestAdcSum
Entries1053492

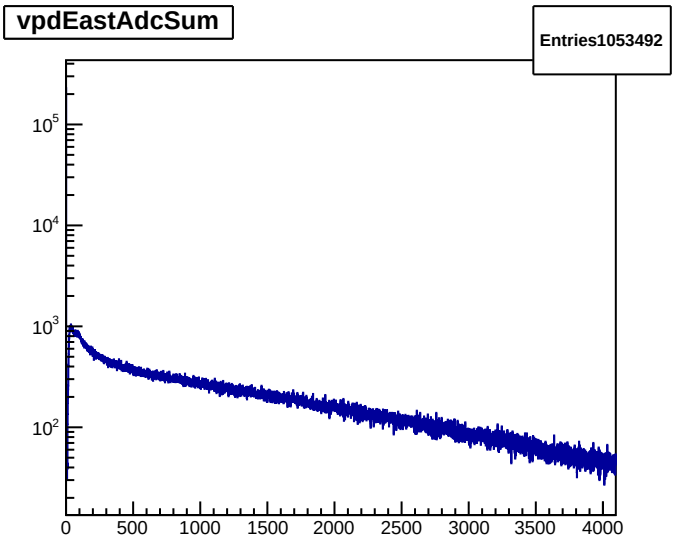

bbcSmallWestAdcSumVsSimu
Entries 662519
Data
Simu

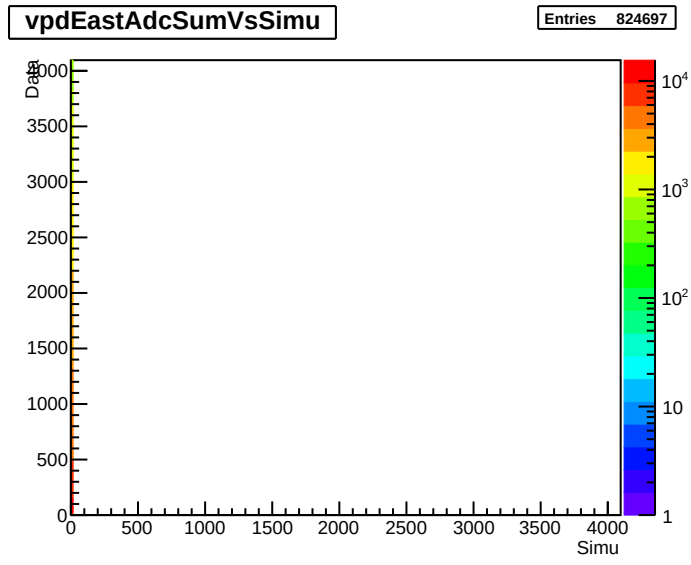

bbcSmallWestTacMax
Entries1053492

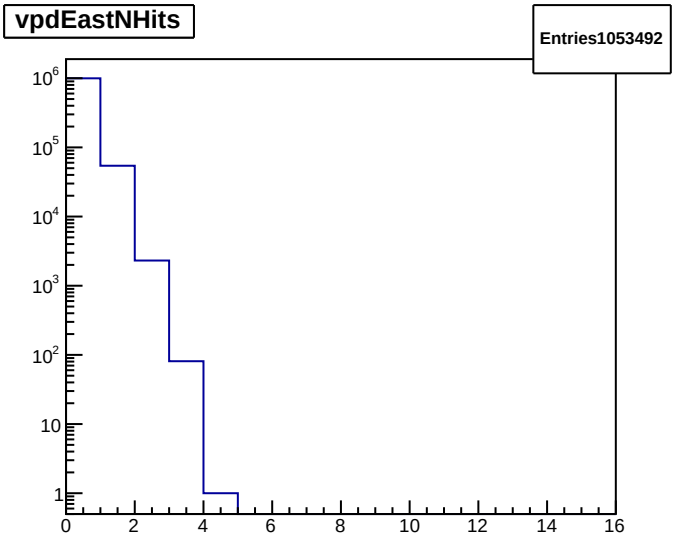

bbcSmallWestTacMaxVsSimu
Entries 662519
Data
Simu

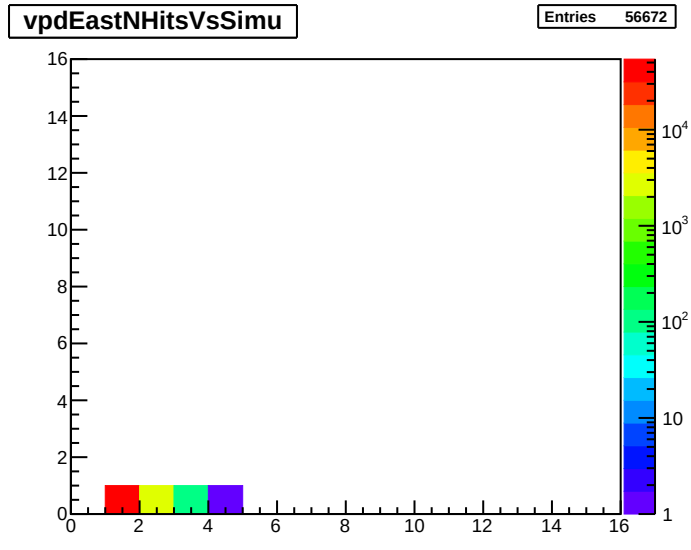

bbcLargeHit
Entries 2106984
969809
950184
83683
103308
1
0
E-Hit
W-Hit
10^5

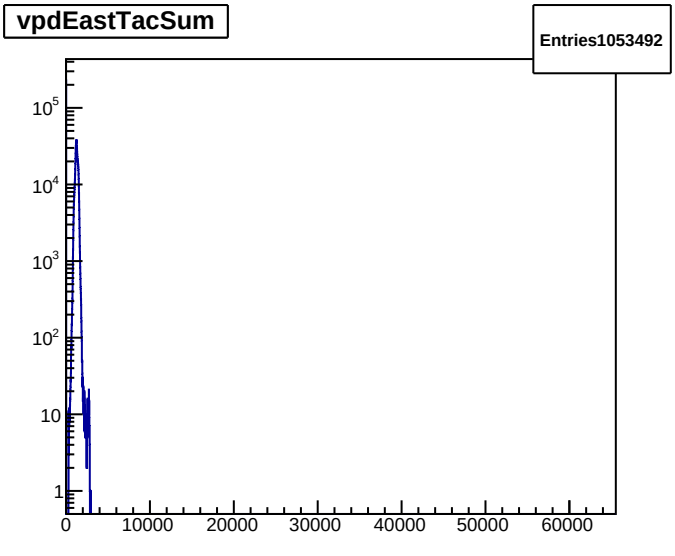

bbcLargeEastHitSimu
Entries 1312361
653970
658391
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

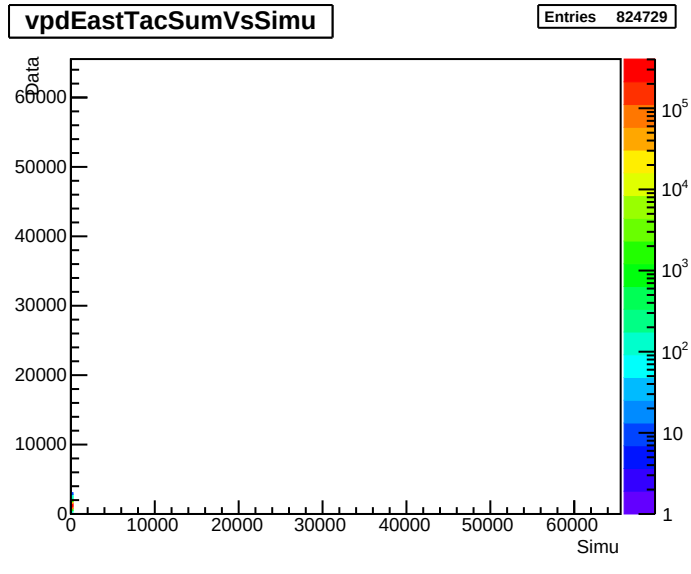

vpdEastAdcSum
Entries1053492

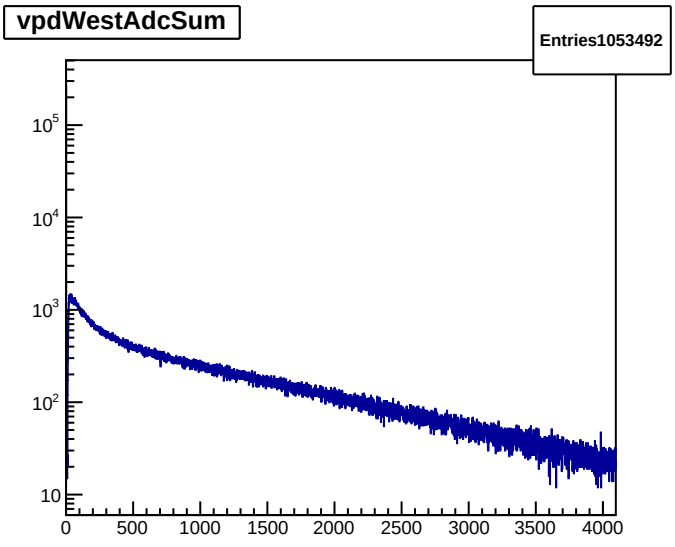

vpdEastAdcSumVsSimu
Entries 824697
Data
Simu

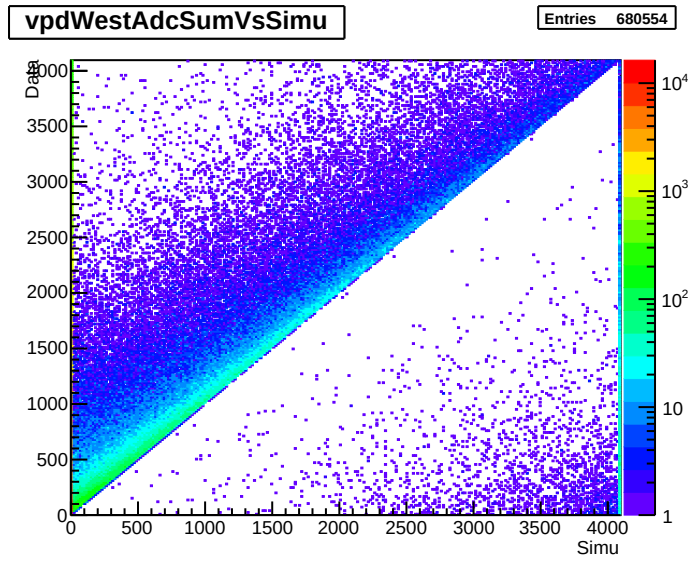

vpdEastNHits
Entries1053492

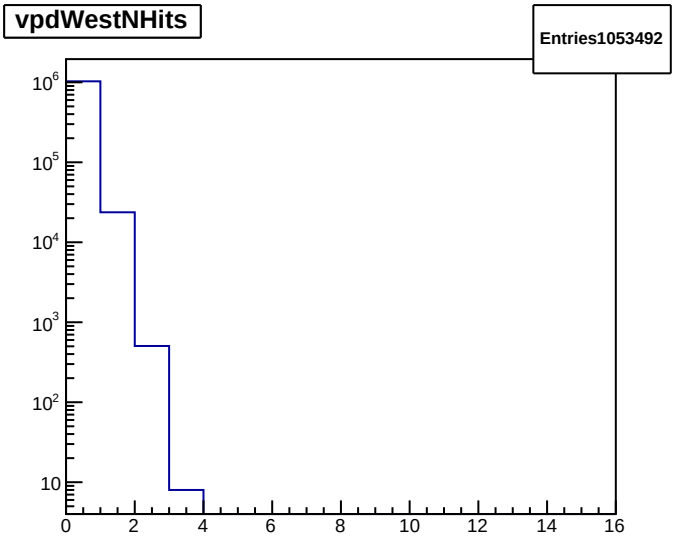

vpdEastNHitsVsSimu
Entries 56672

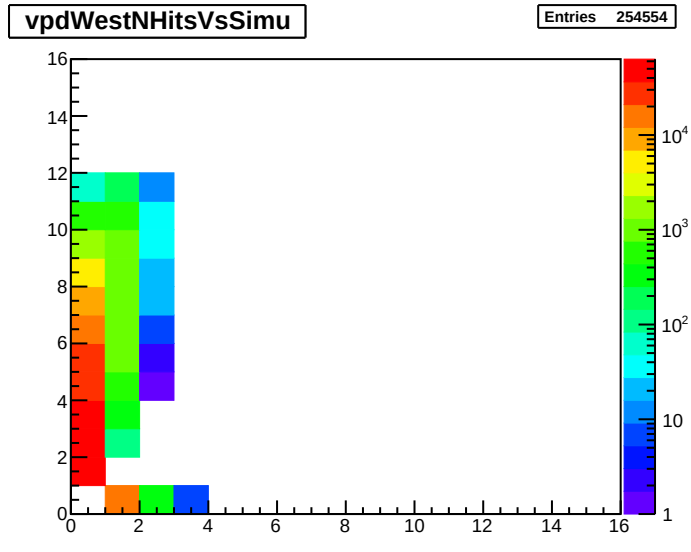

vpdEastTacSum
Entries1053492

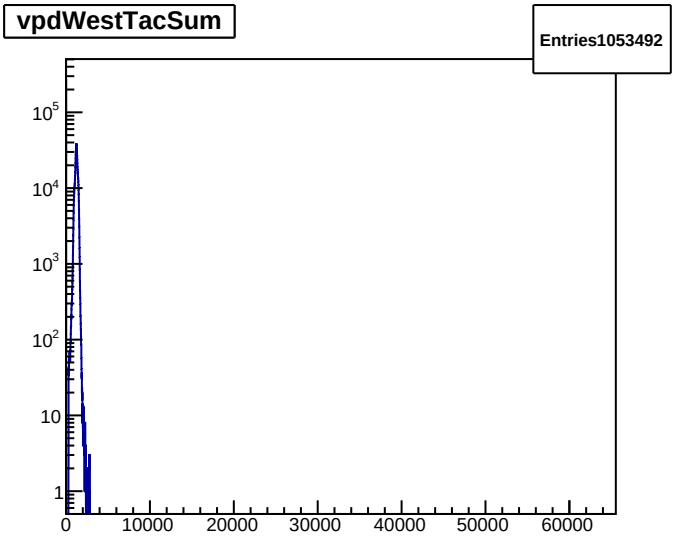

vpdEastTacSumVsSimu
Entries 824729
Data
Simu

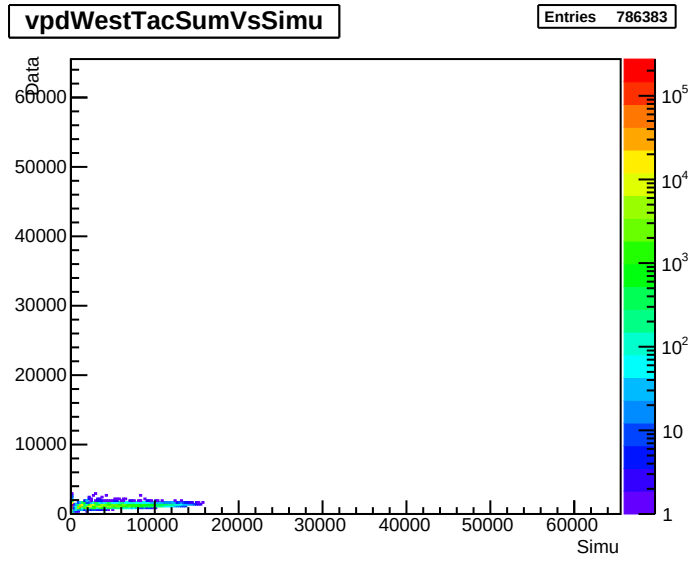

vpdWestAdcSum
Entries1053492

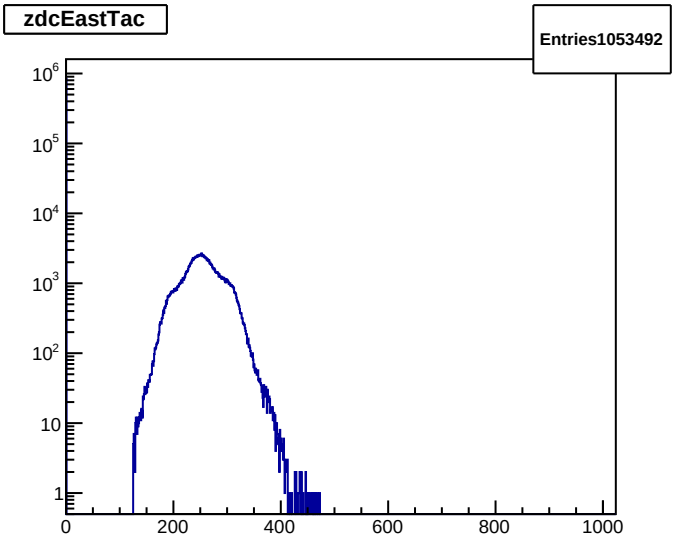

vpdWestAdcSumVsSimu
Entries 680554
Data
Simu

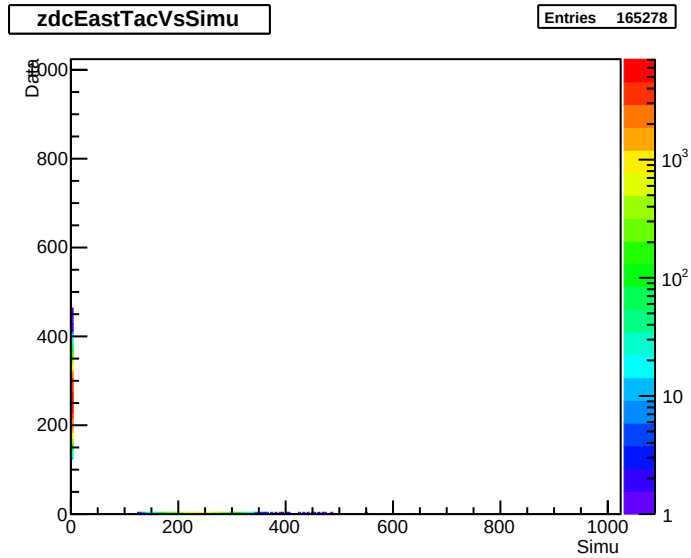

vpdWestNHits
Entries1053492

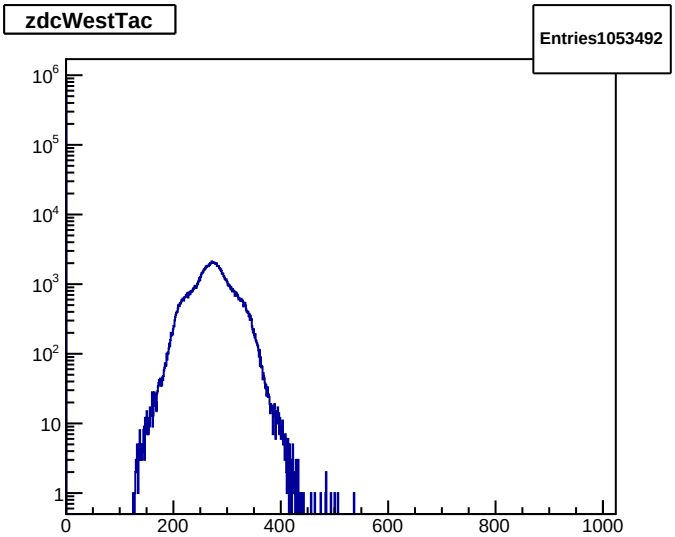

vpdWestNHitsVsSimu
Entries 254554

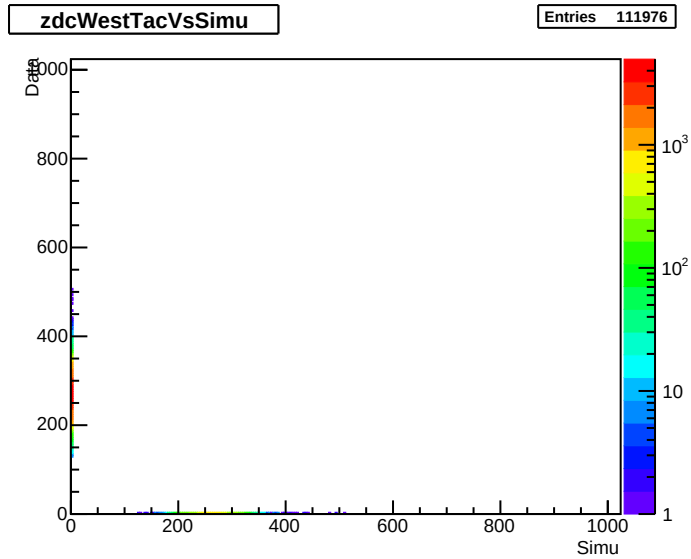

vpdWestTacSum
Entries1053492

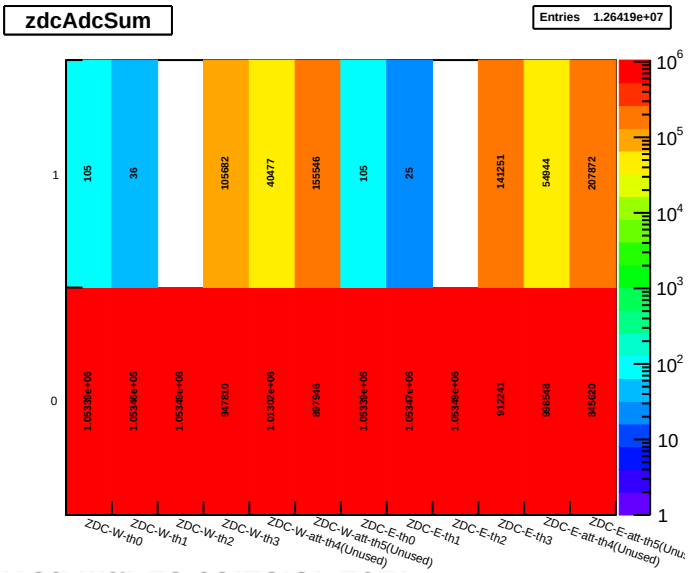

vpdWestTacSumVsSimu
Entries 786383
Data
Simu

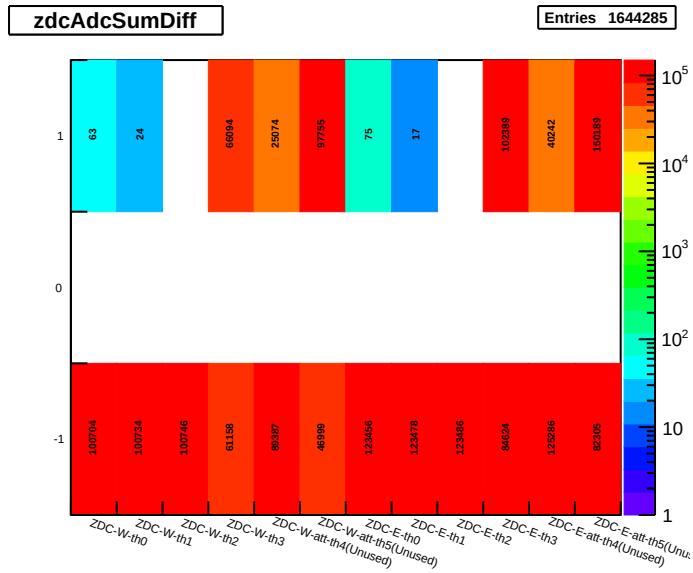

zdcEastTac
Entries1053492

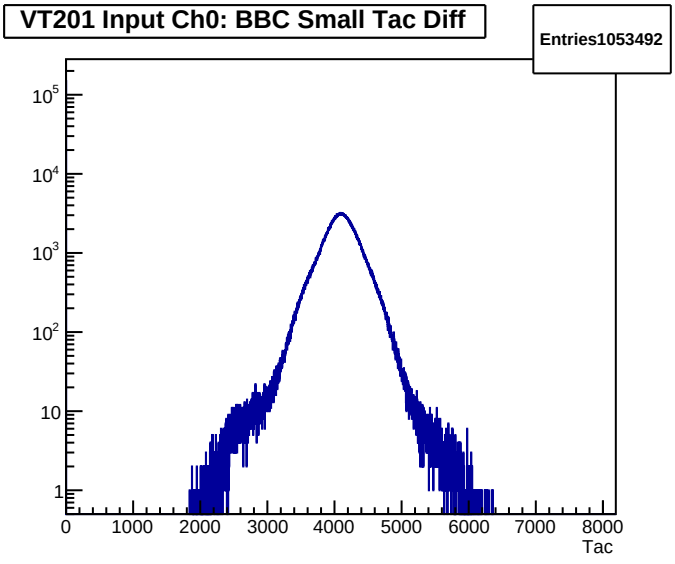

zdcEastTacVsSimu
Entries 165278
Data
Simu

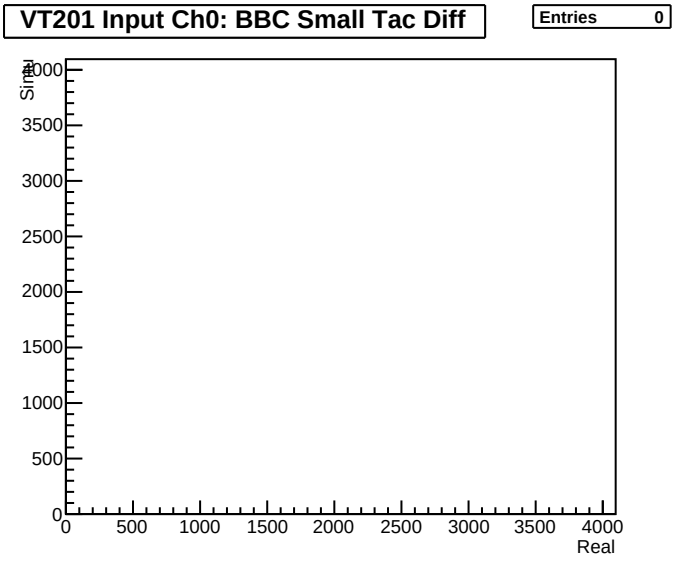

zdcWestTac
Entries1053492

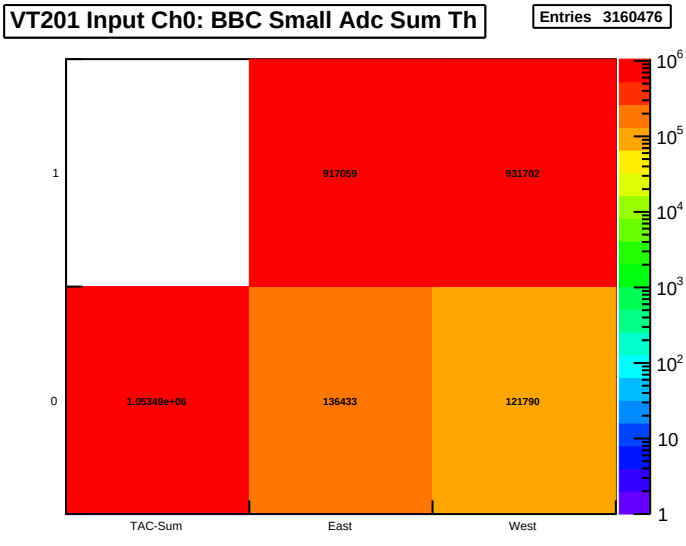

zdcWestTacVsSimu
Entries 111976
Data
Simu

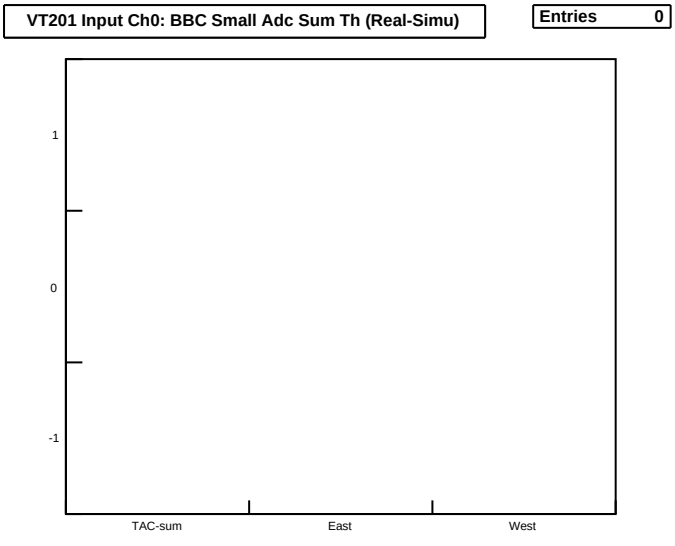

zdcAdcSum
Entries 1.26419e+07
105
36
105682
40477
155546
105
25
142251
54844
207872
1.06339e+06
1.05346e+05
1.06340e+06
947810
1.01302e+06
897946
1.06339e+06
1.06347e+06
1.05349e+05
912241
998548
845620
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

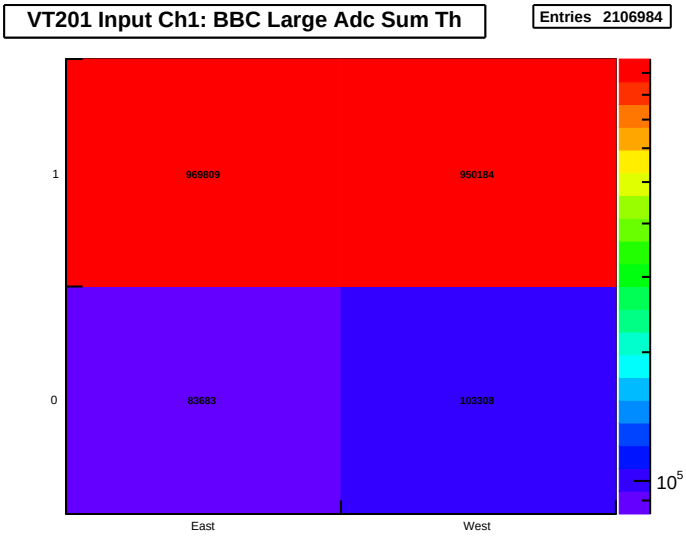

zdcAdcSumDiff
Entries 1644285
63
24
66094
25074
97755
75
17
102389
40242
150189
100704
100734
100746
61158
89387
46999
123456
123478
123486
84624
123286
82305
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

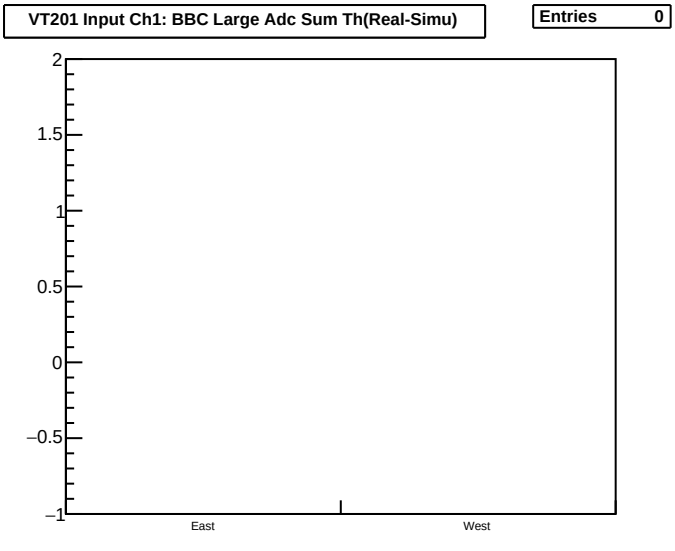

VT201 Input Ch0: BBC Small Tac Diff
Entries1053492
Tac


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

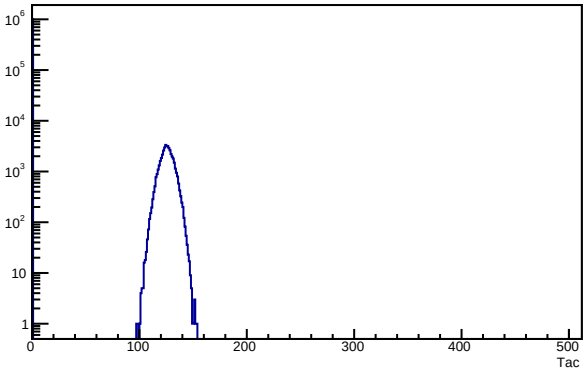

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3160476
917059
931702
1.05349e+06
136433
121790
TAC-Sum
East
West


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

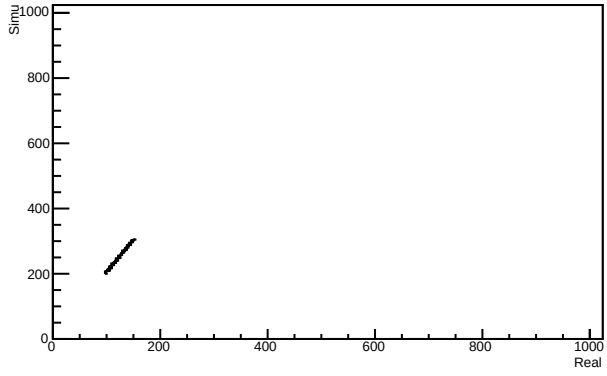

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2106984
969809
950184
83683
103308
East
West


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

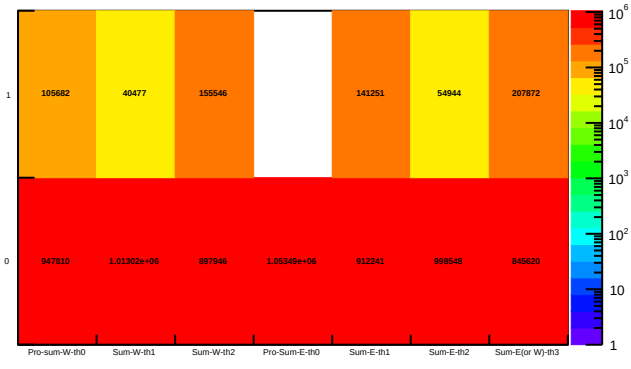
VT201 Input Ch2: ZDC Tac Diff



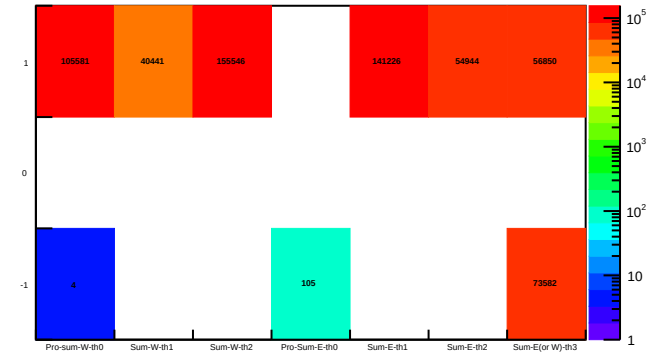
VT201 Input Ch2: ZDC Tac Diff



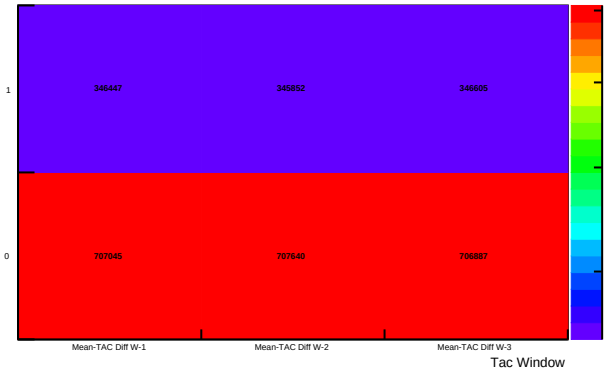
VT201 Input Ch2: ZDC Adc Sum Th



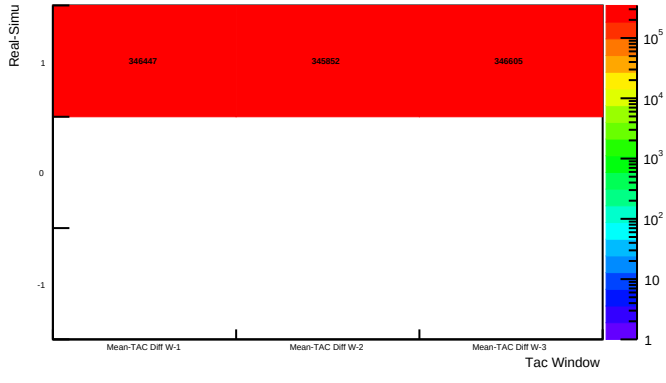
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



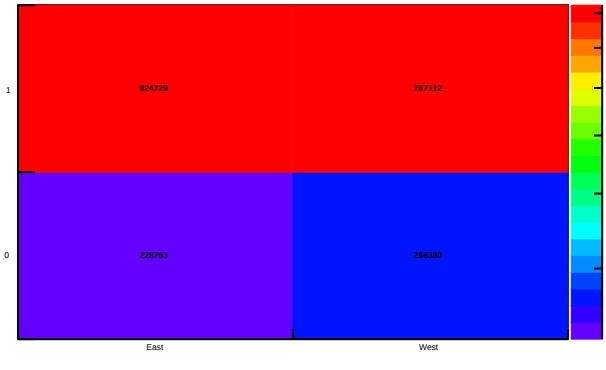
VT201 Input Ch4: VPD Tac Diff



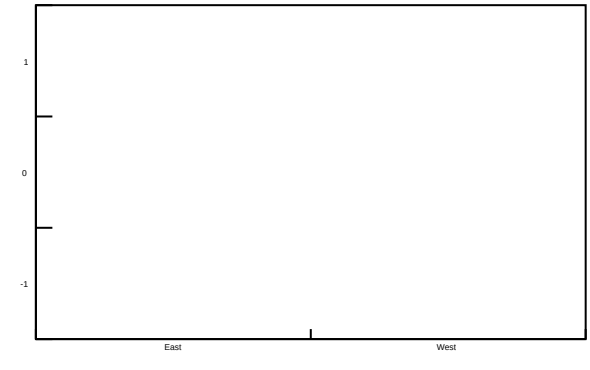
VT201 Input Ch4: VPD Tac Diff

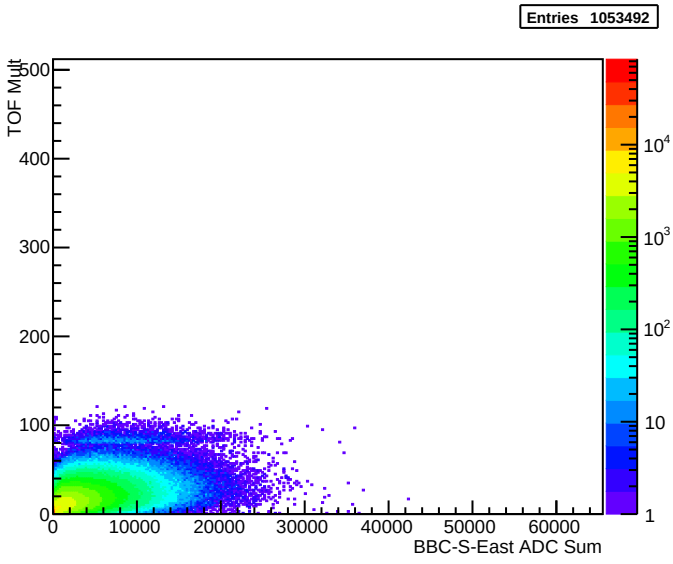


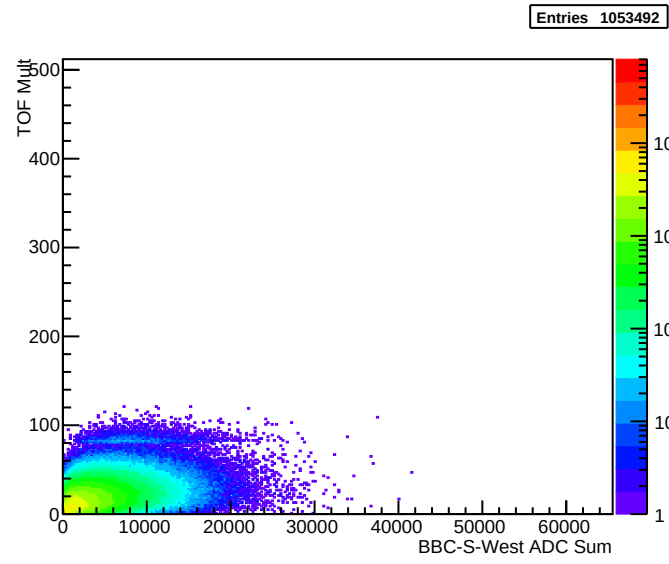
VT201 Input Ch4: VPD Adc Sum Th

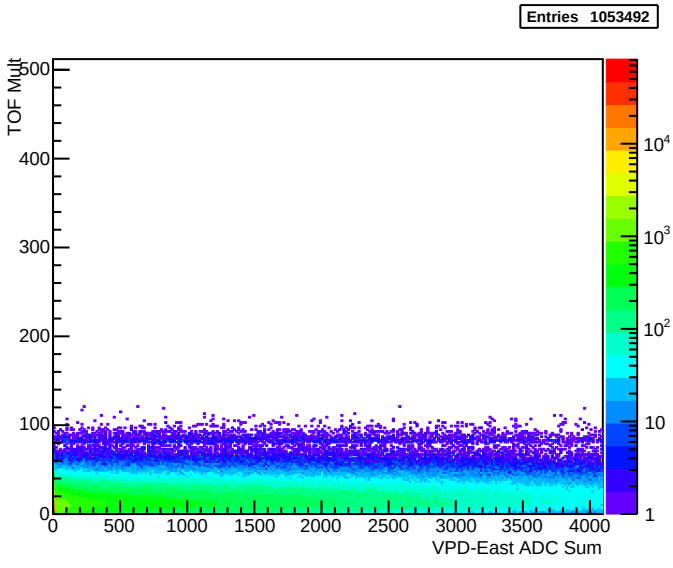


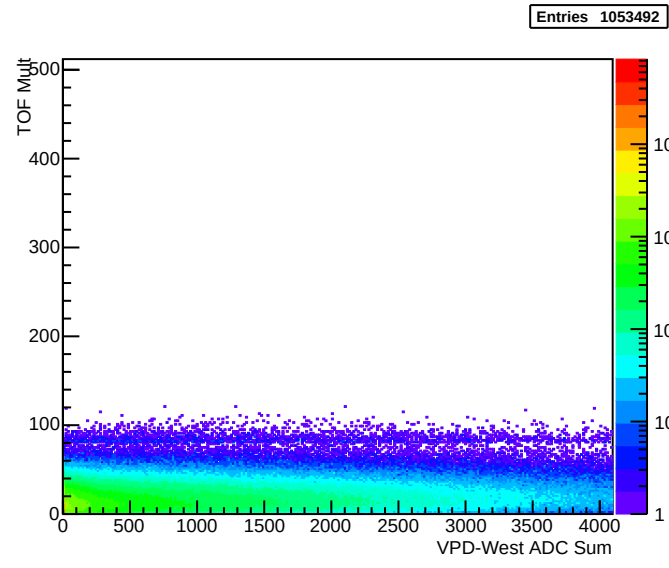
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

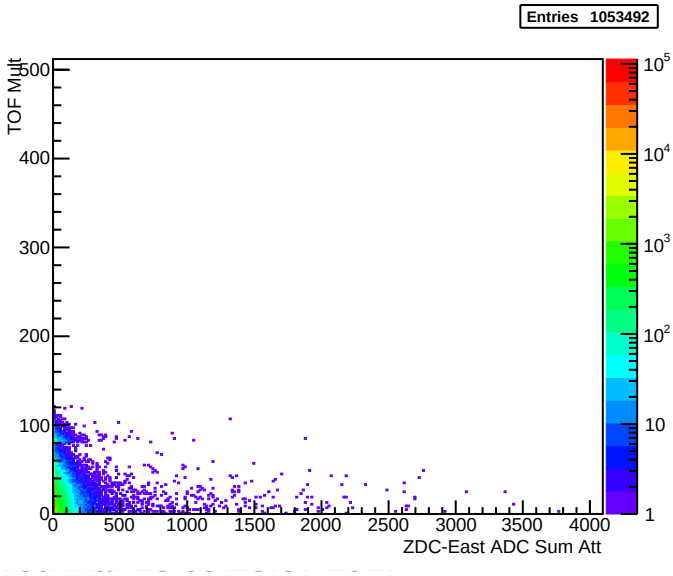


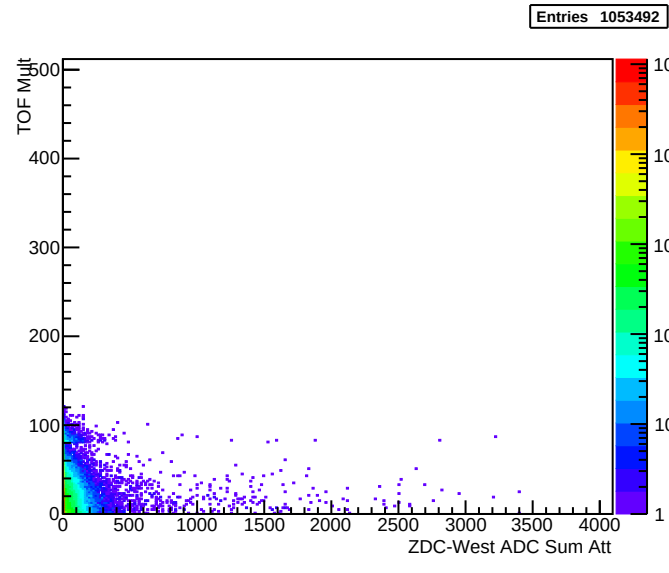

Entries 1053492
TOF Mult
BBC-S-East ADC Sum

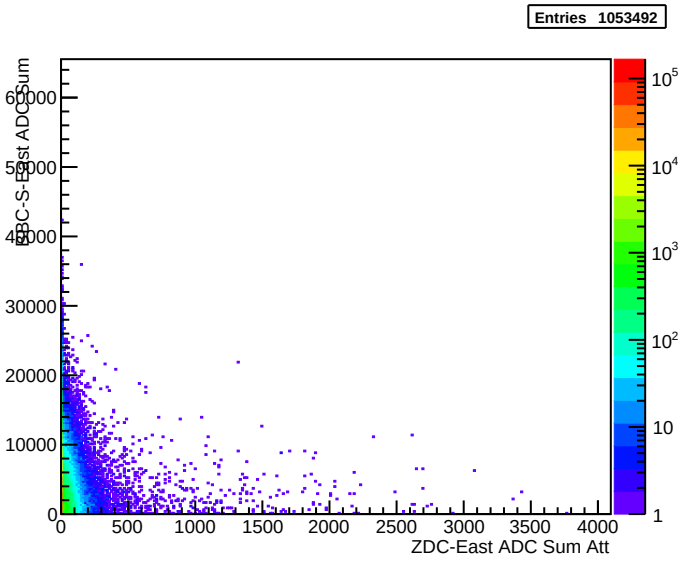

Entries 1053492
TOF Mult
BBC-S-West ADC Sum

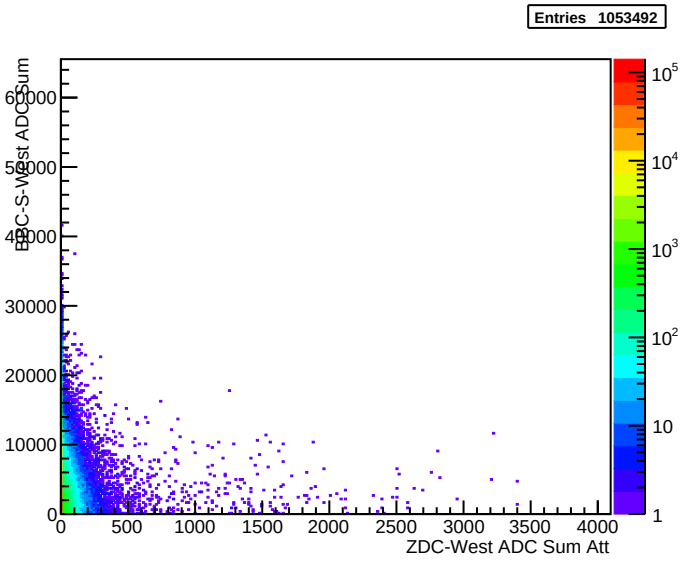

Entries 1053492
TOF Mult
VPD-East ADC Sum

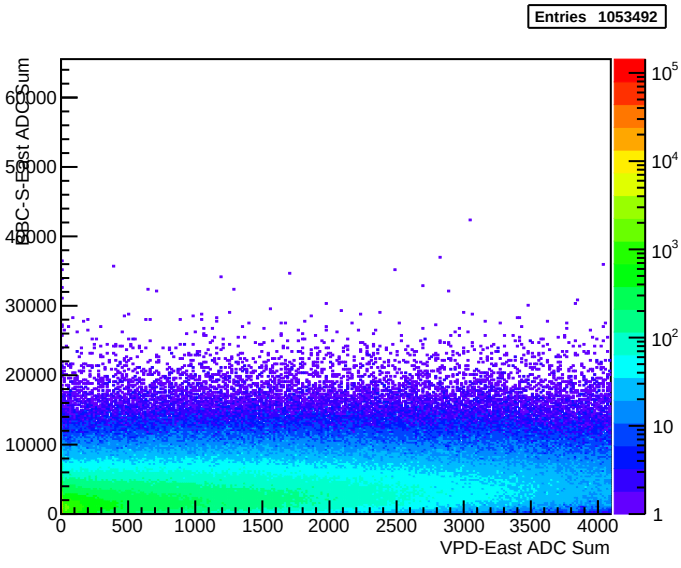

Entries 1053492
TOF Mult
VPD-West ADC Sum

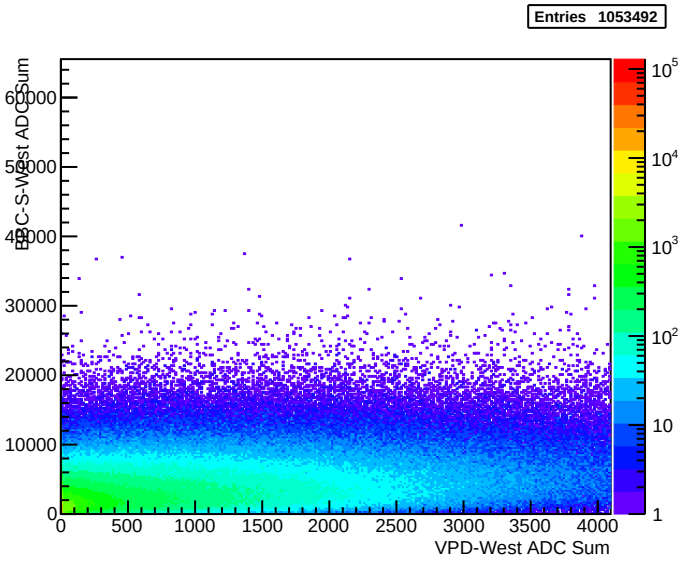

Entries 1053492
TOF Mult
ZDC-East ADC Sum Att

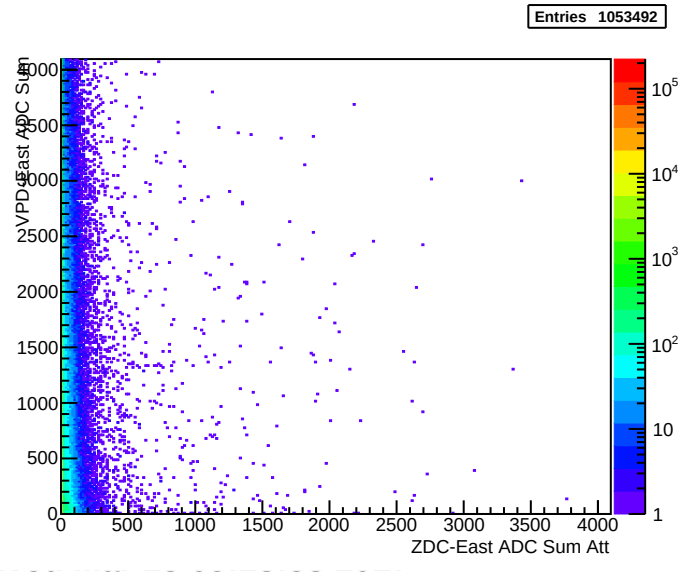

Entries 1053492
TOF Mult
ZDC-West ADC Sum Att

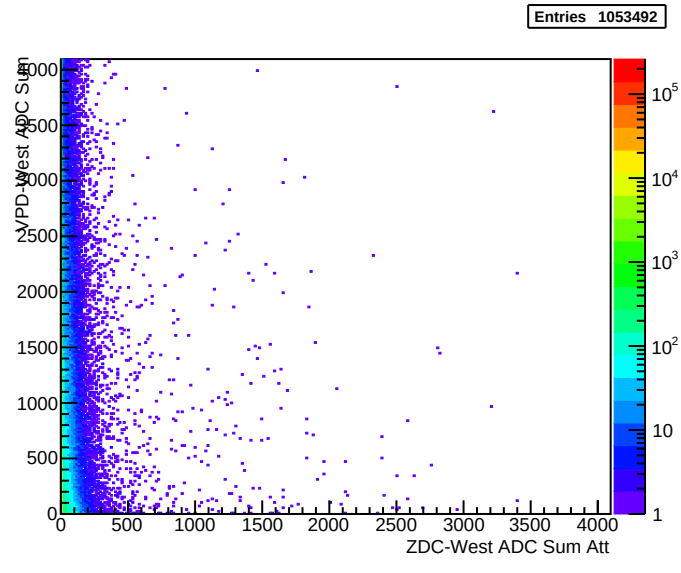

Entries 1053492
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

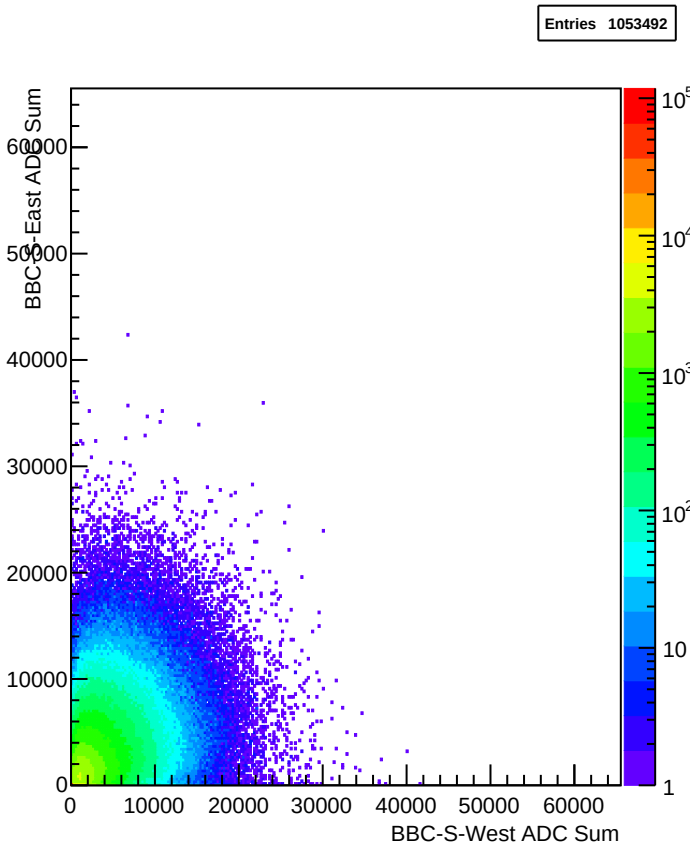

Entries 1053492
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

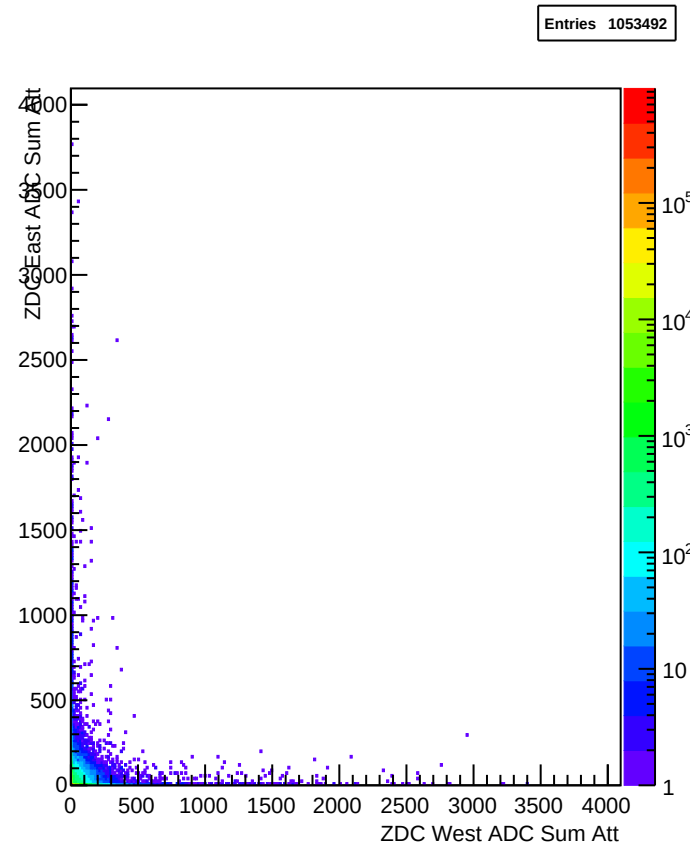

Entries 1053492
BBC-S-East ADC Sum
VPD-East ADC Sum

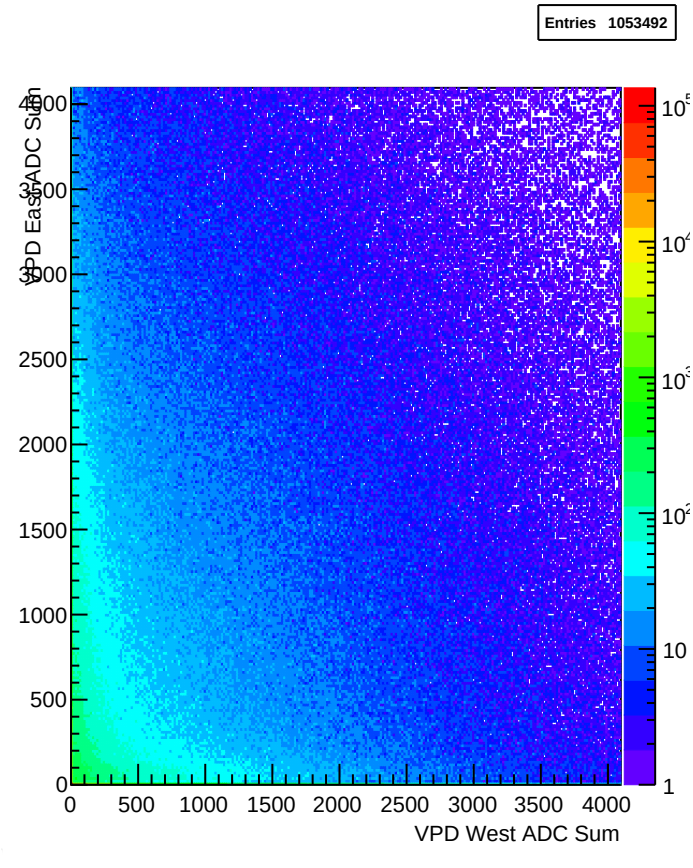

Entries 1053492
BBC-S-West ADC Sum
VPD-West ADC Sum

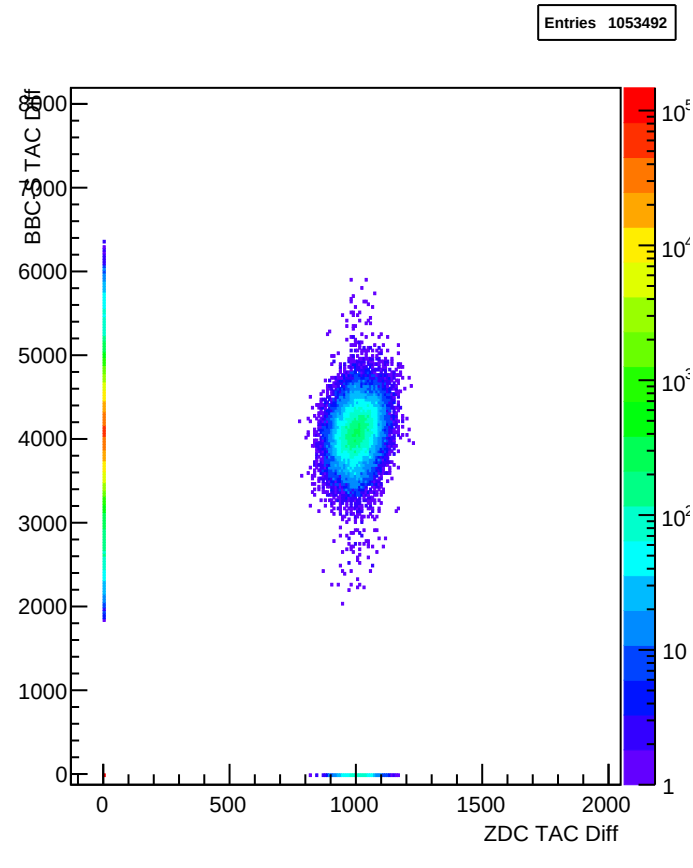

Entries 1053492
VPD-East ADC Sum
ZDC-East ADC Sum Att

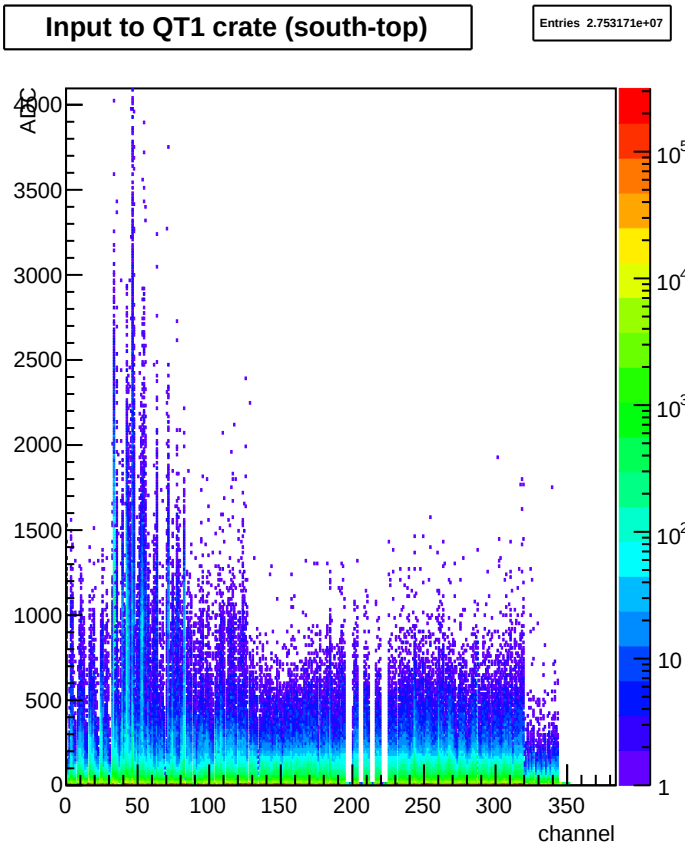

Entries 1053492
VPD-West ADC Sum
ZDC-West ADC Sum Att

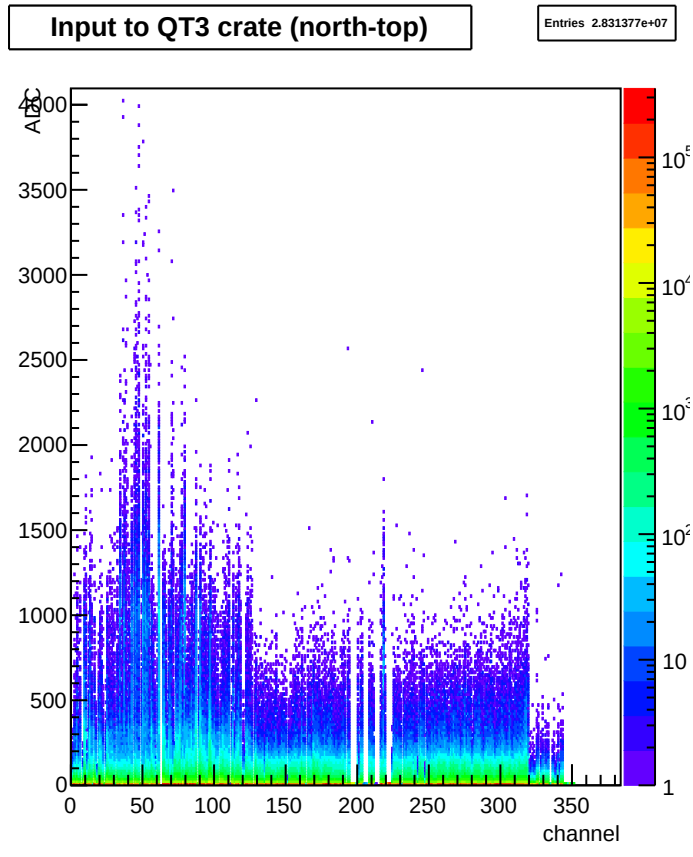

Entries 1053492
BBC-S-East ADC Sum
BBC-S-West ADC Sum

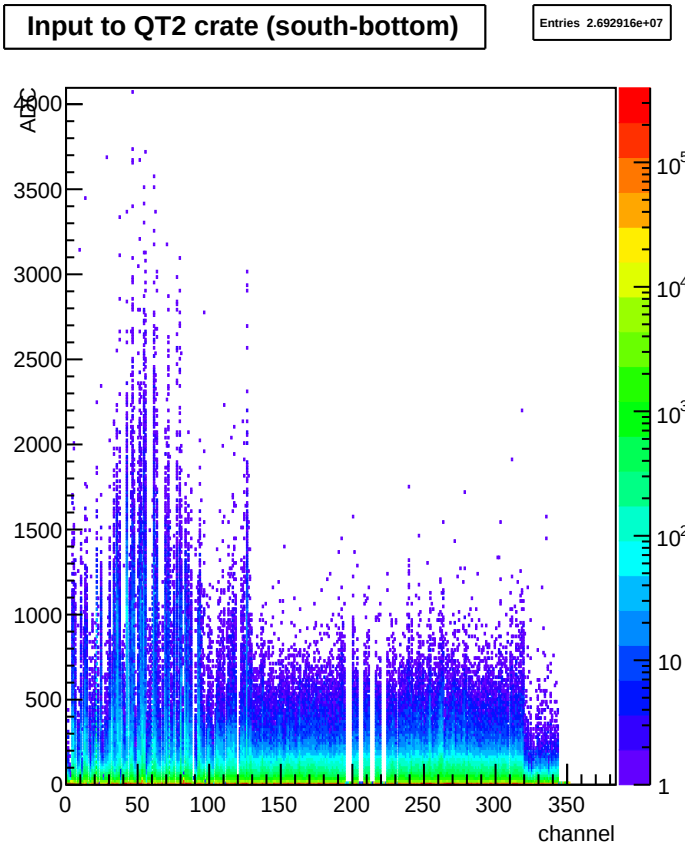

Entries 1053492
ZDC East ADC Sum Att
ZDC West ADC Sum Att

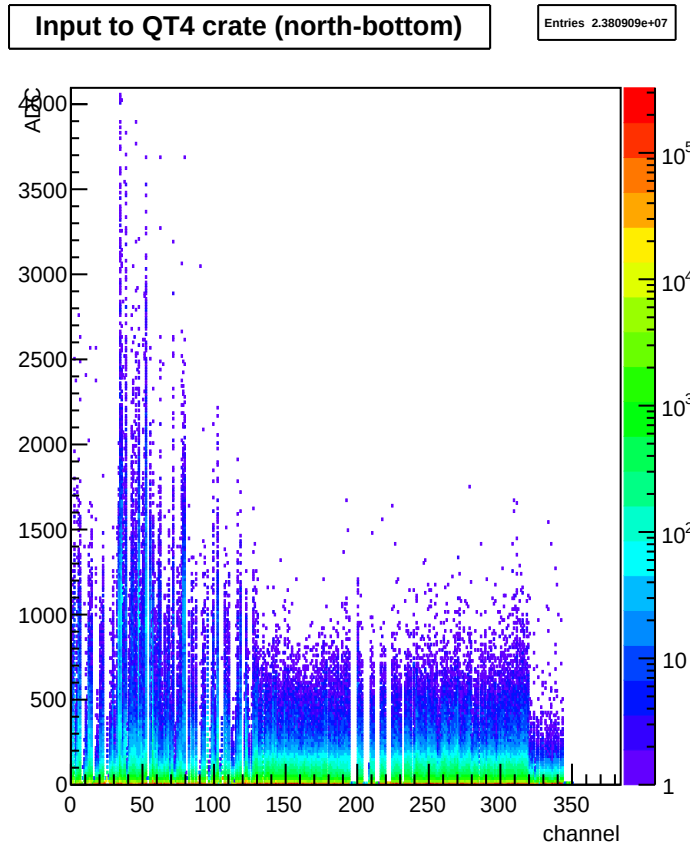

Entries 1053492
VPD East ADC Sum
VPD West ADC Sum

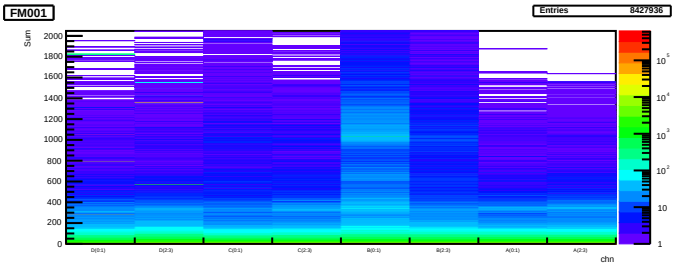

Entries 1053492
BBC-S TAC Diff
ZDC TAC Diff

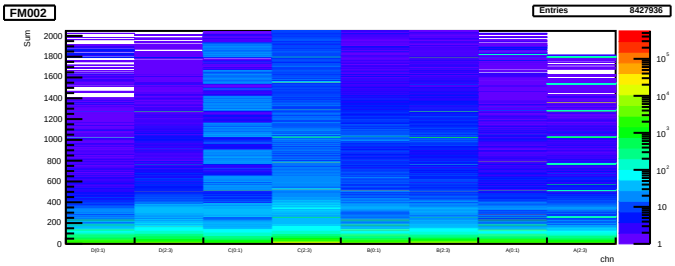

Input to QT1 crate (south-top)
Entries 2.753171e+07
ADC
channel

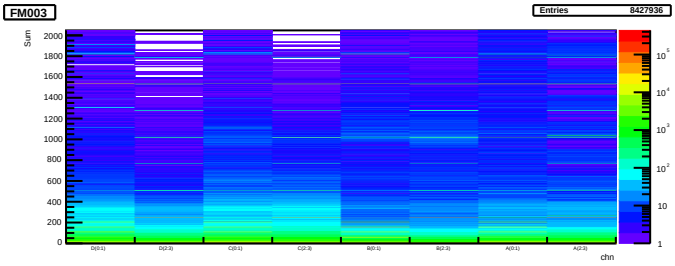

Input to QT3 crate (north-top)
Entries 2.831377e+07
ADC
channel

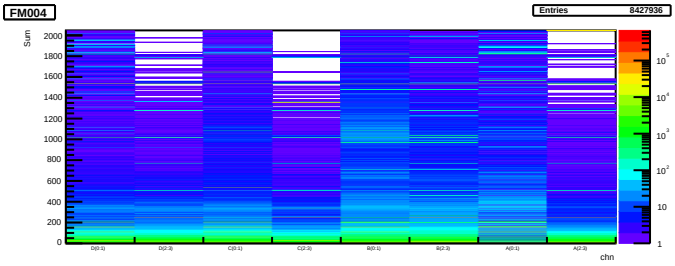

Input to QT2 crate (south-bottom)
Entries 2.692916e+07
ADC
channel

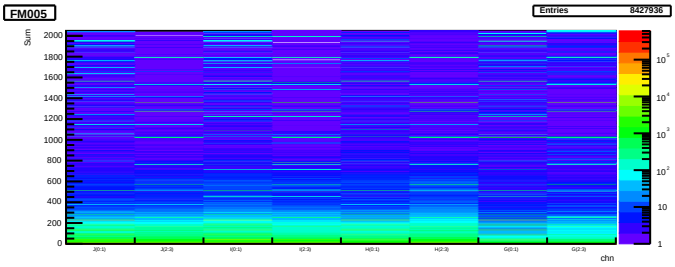

Input to QT4 crate (north-bottom)
Entries 2.380909e+07
ADC
channel

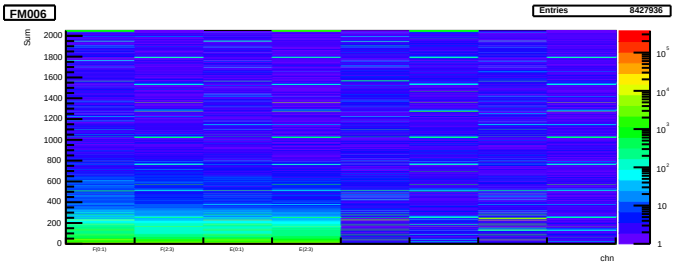

FM001
Entries 8427936
Sum
chn

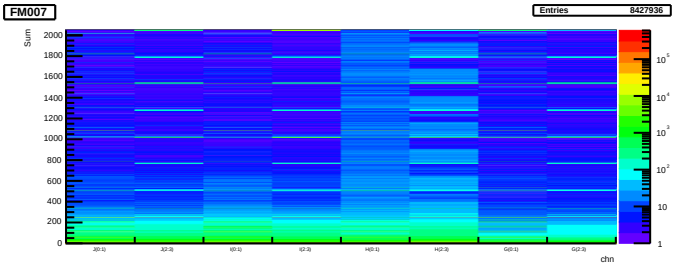

FM002
Entries 8427936
Sum
chn


FM003
Entries 8427936
Sum
chn


FM004
Entries 8427936
Sum
chn


FM005
Entries 8427936
Sum
chn


FM006
Entries 8427936
Sum
chn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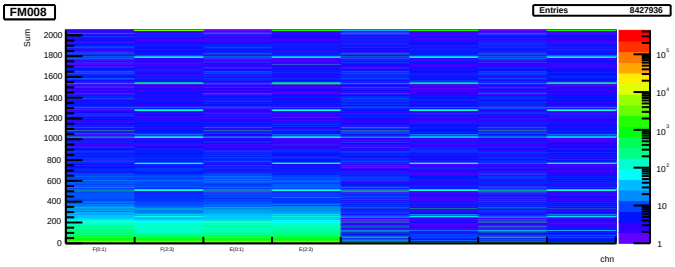
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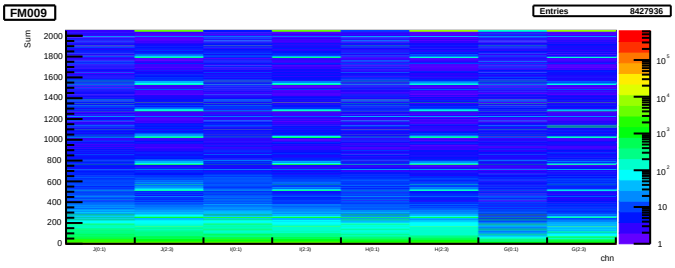
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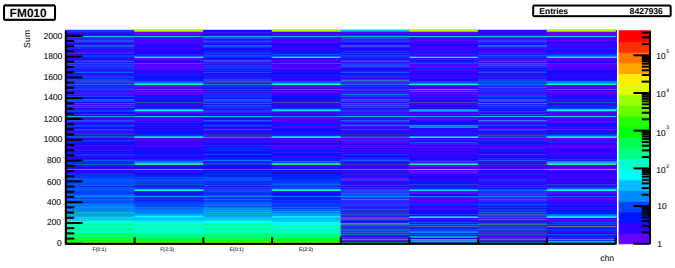
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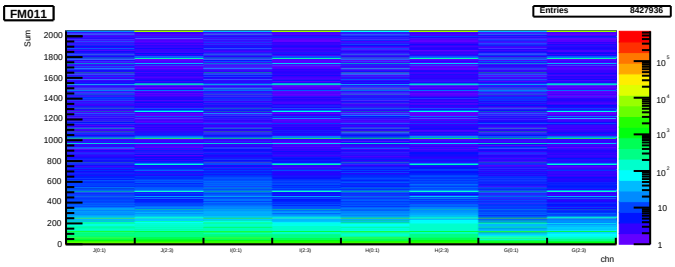
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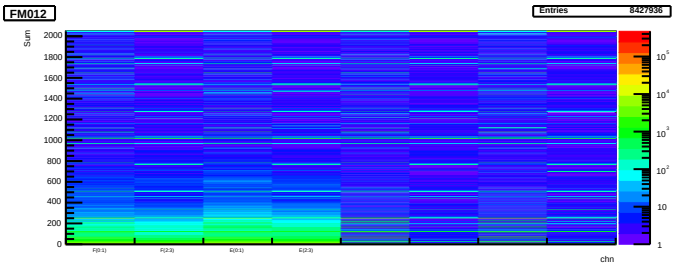
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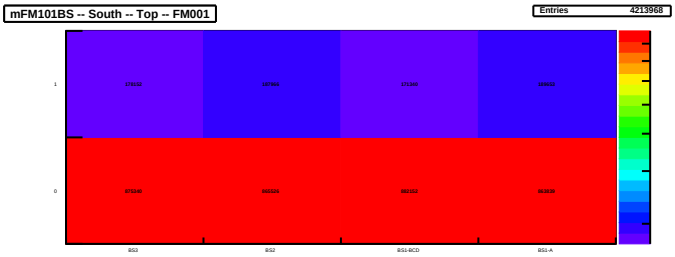
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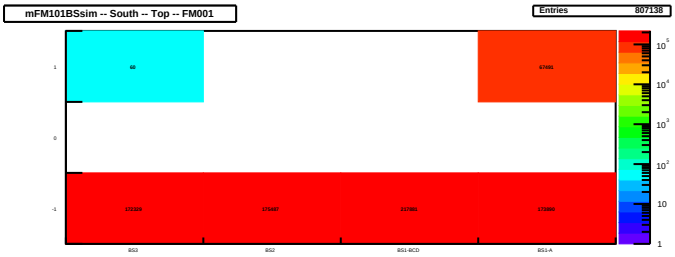
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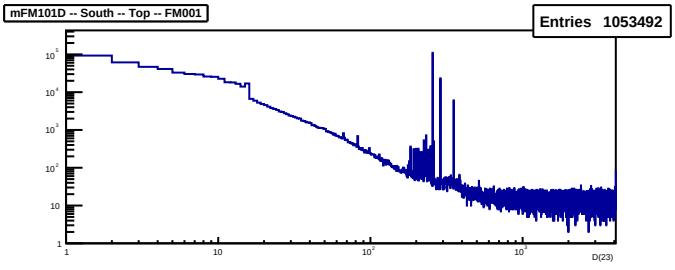
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Entries 1053492
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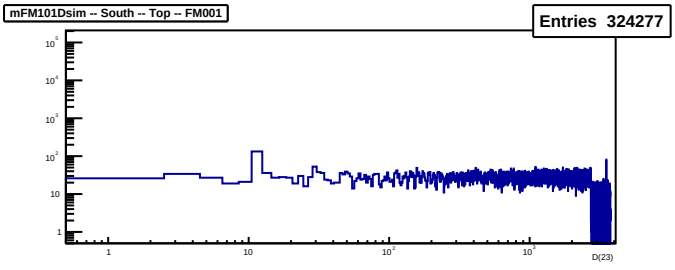
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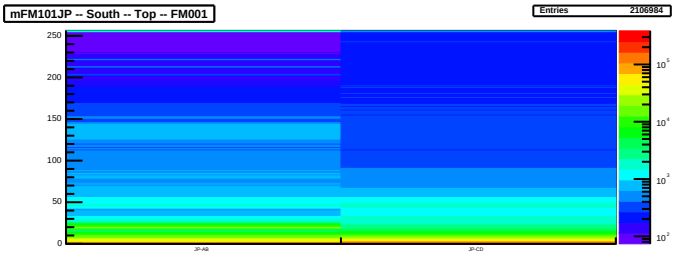
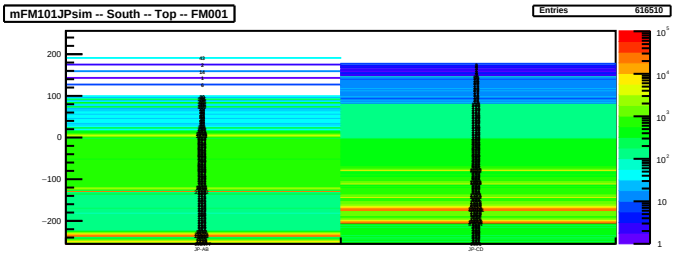

mFM101JP -- South -- Top -- FM001
Entries 2106984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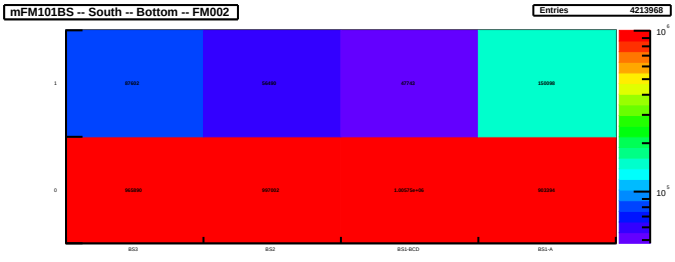
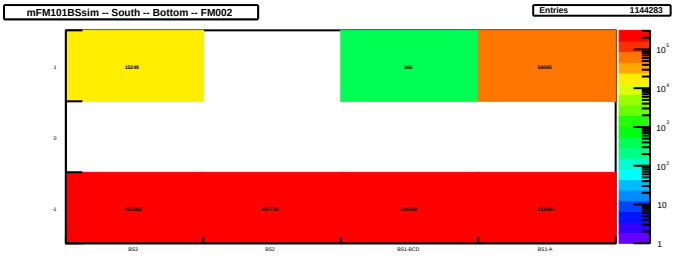

mFM101BS -- South -- Bottom -- FM002
Entries 4213968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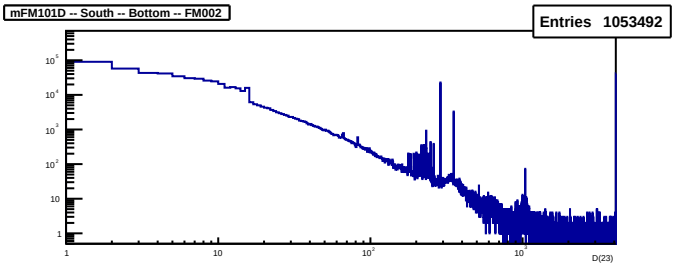
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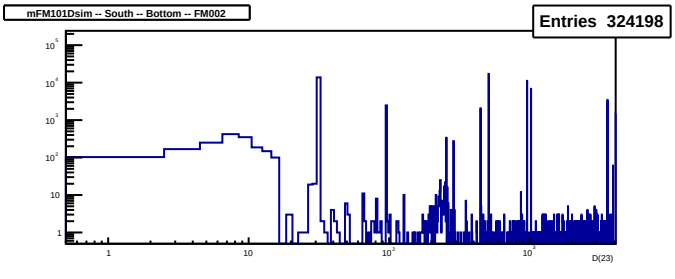
Entries 1053492
D(23)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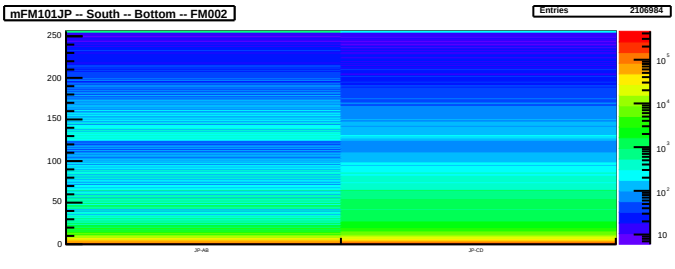
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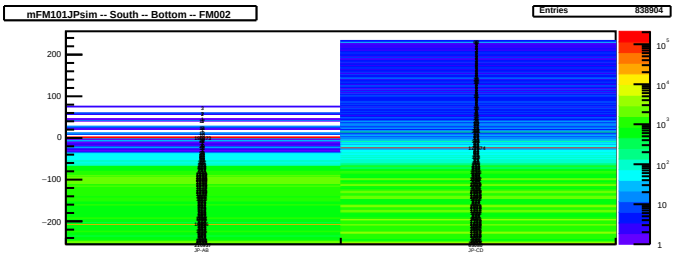
Entries 2106984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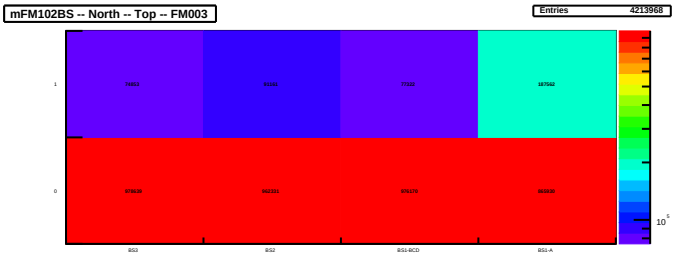
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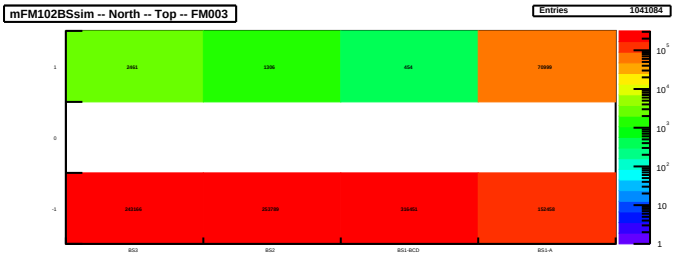
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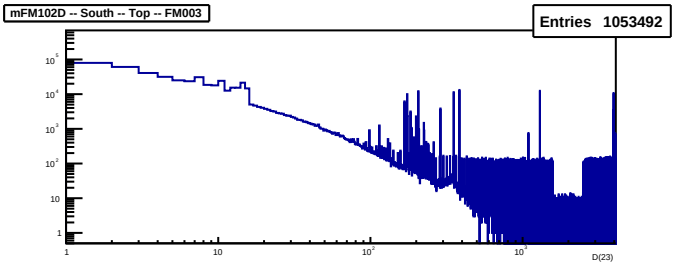
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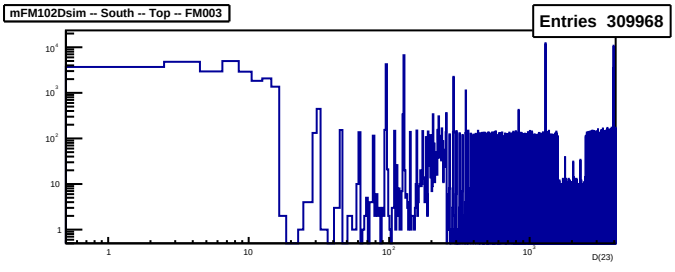
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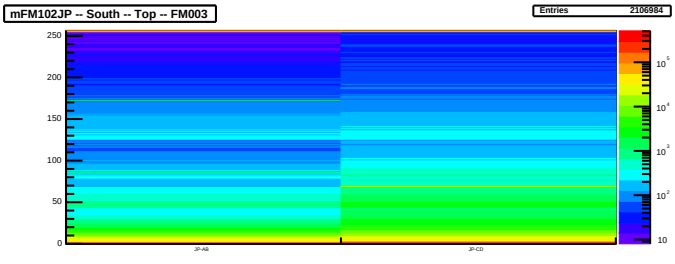
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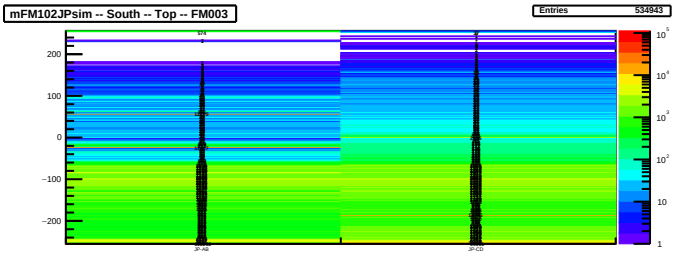
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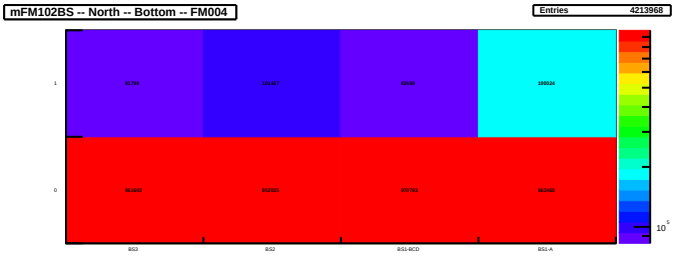
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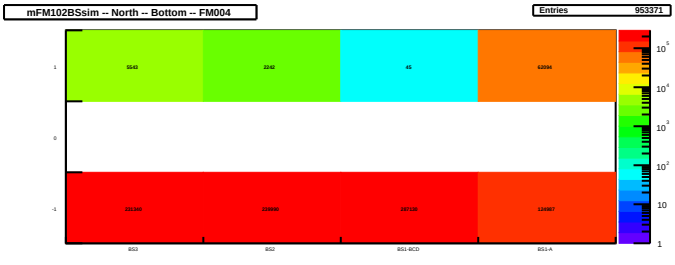
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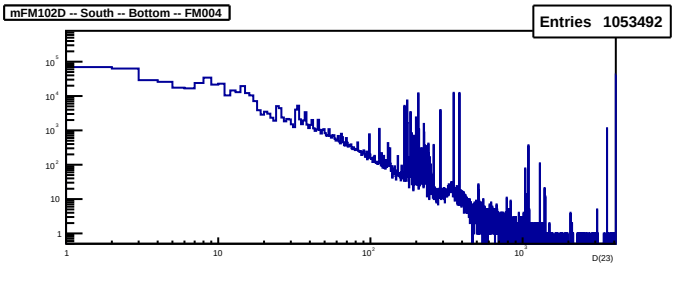
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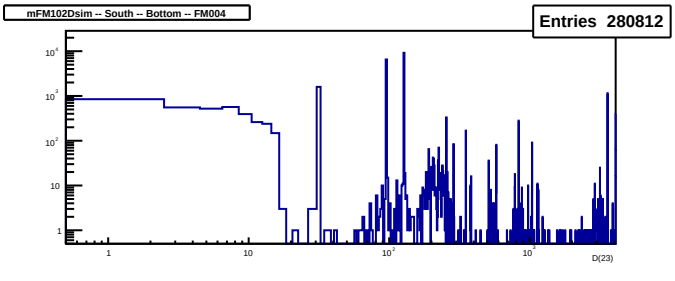
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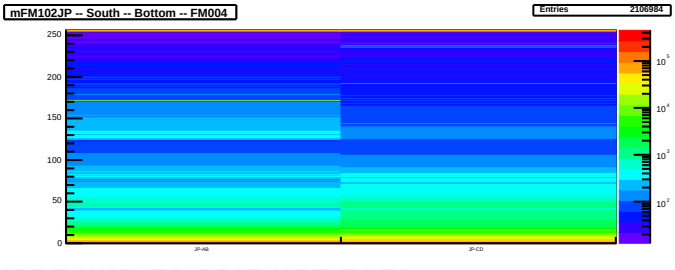
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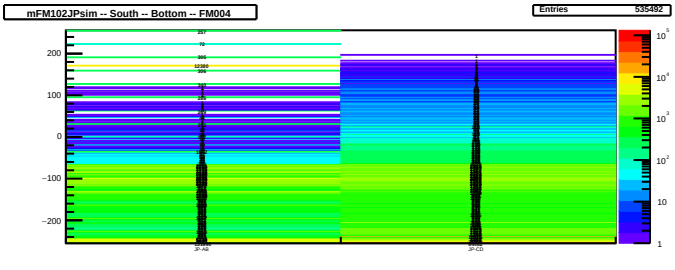
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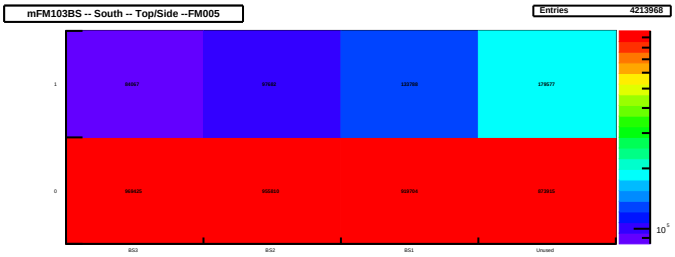
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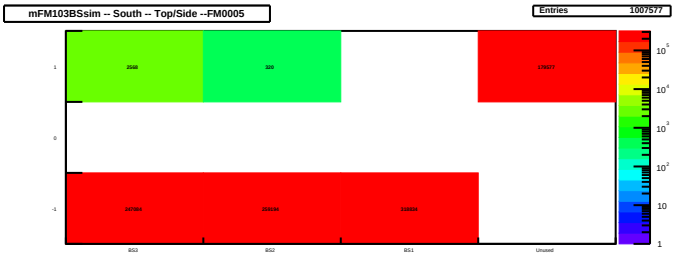
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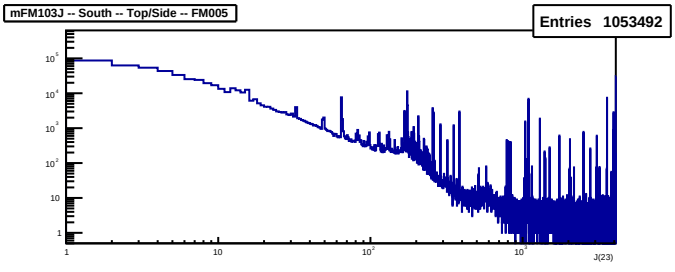
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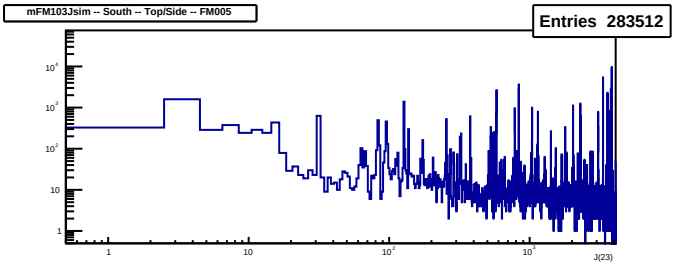
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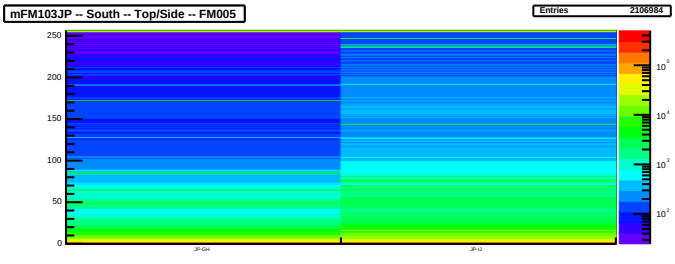
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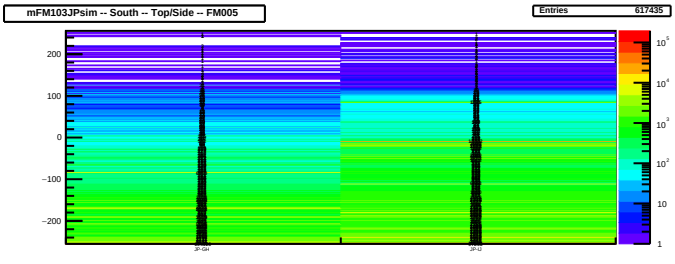
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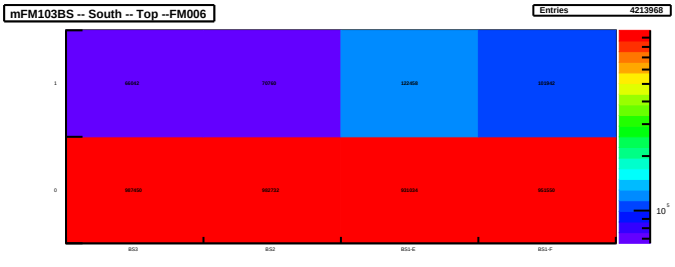
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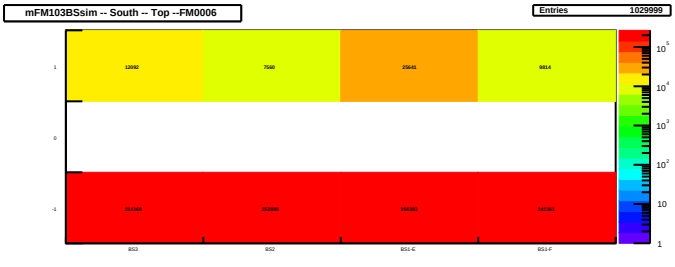
Entries 4213968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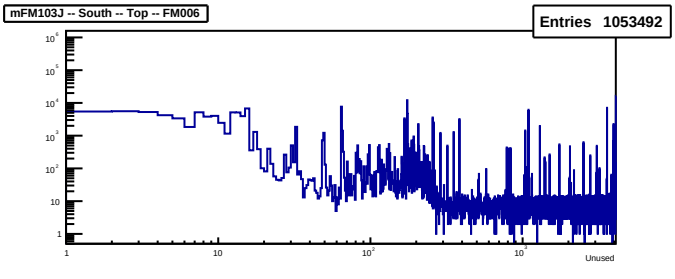
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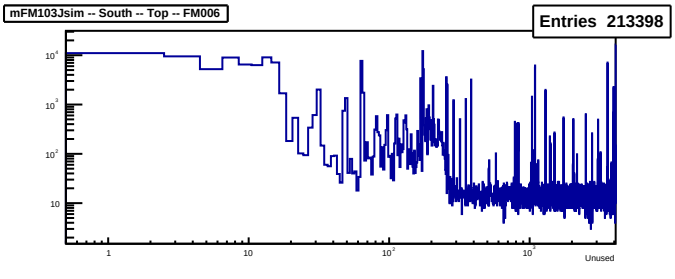
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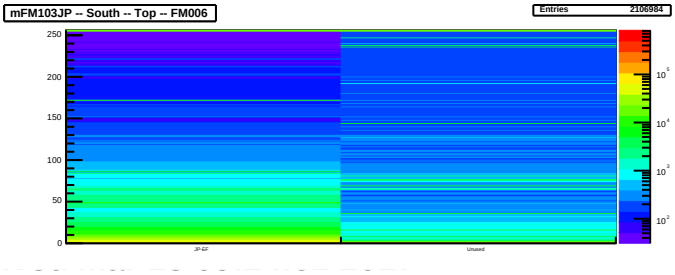
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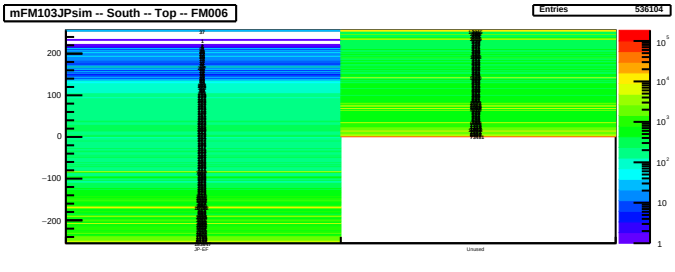
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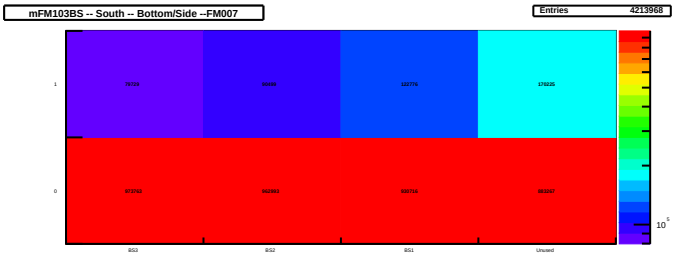
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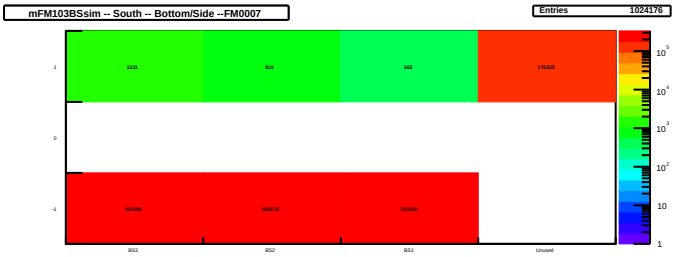
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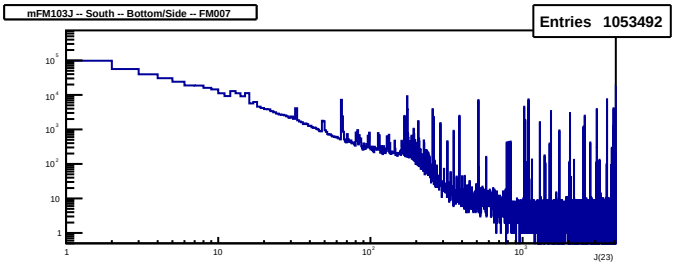
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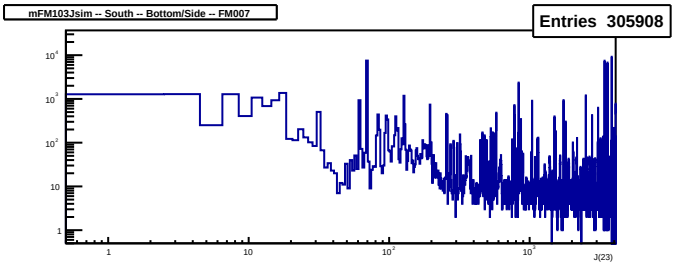
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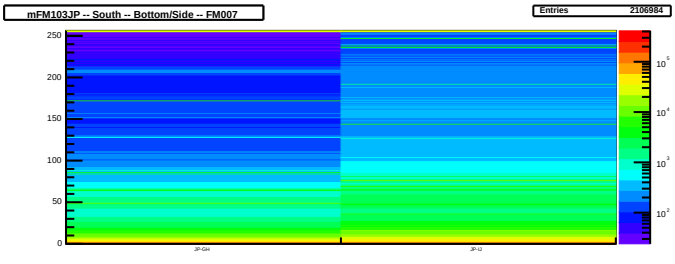
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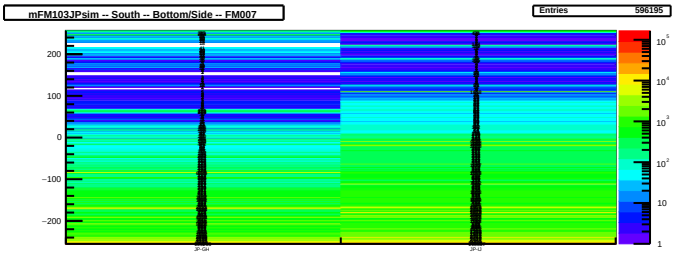
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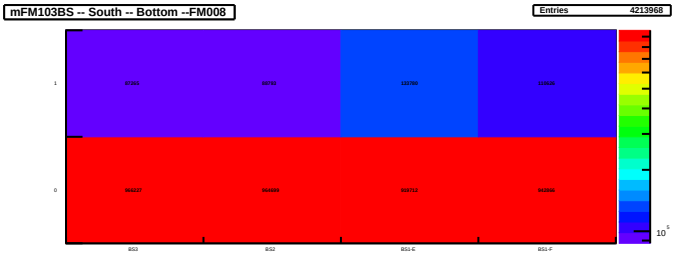
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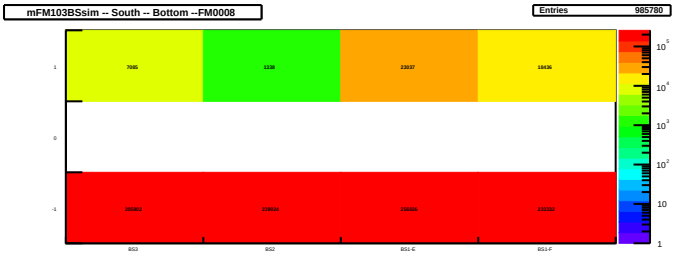
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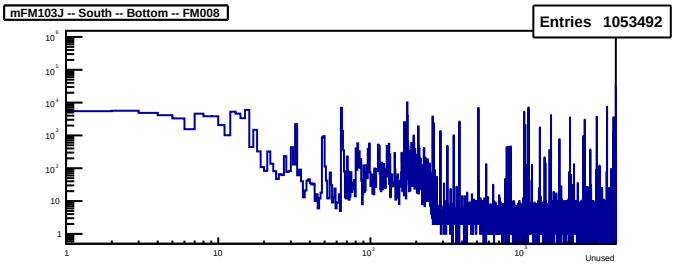
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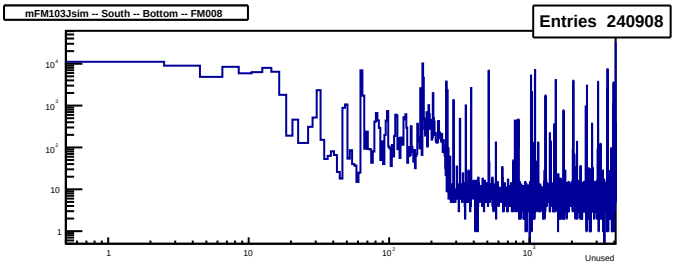
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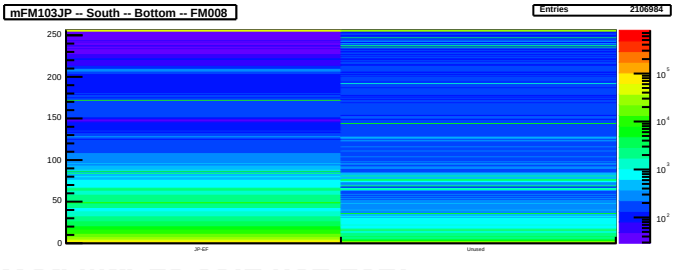
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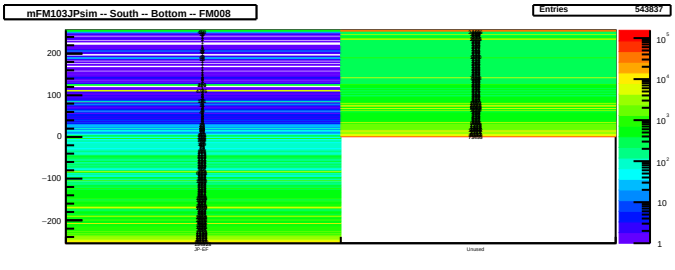
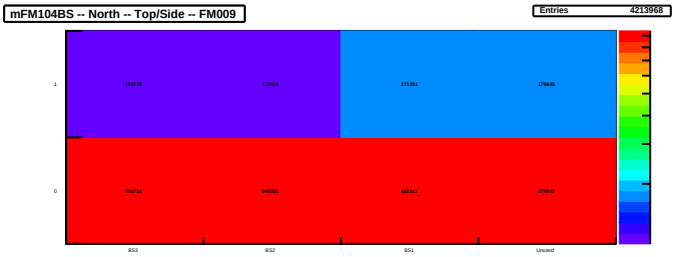
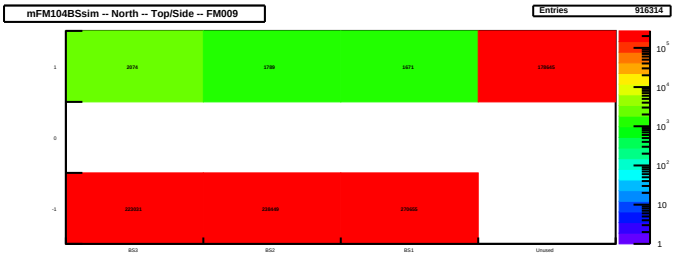
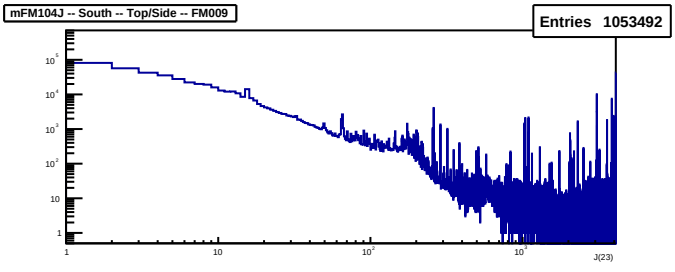
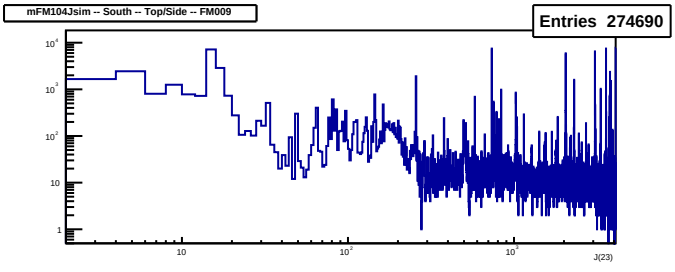

mFM103JPsim -- South -- Bottom -- FM008
Entries 543837


mFM104BS -- North -- Top/Side -- FM009
Entries 4213968


mFM104BSsim -- North -- Top/Side -- FM009
Entries 916314


mFM104J -- South -- Top/Side -- FM009
Entries 1053492
J(23)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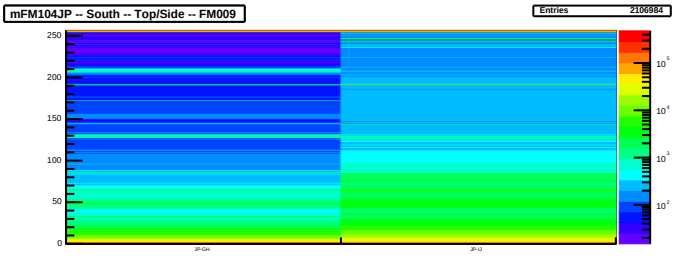
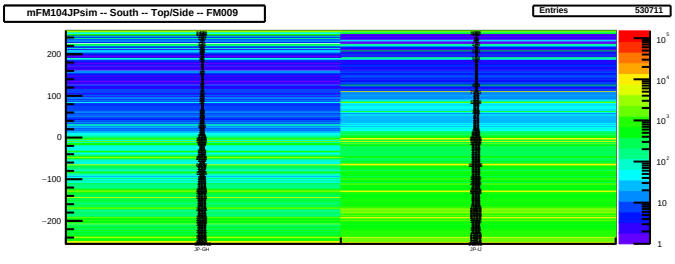
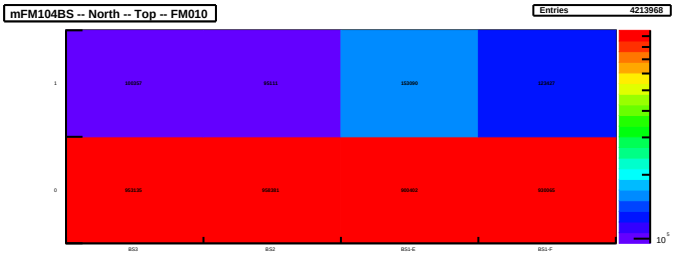
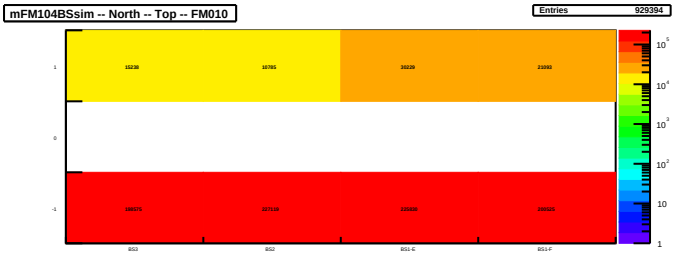
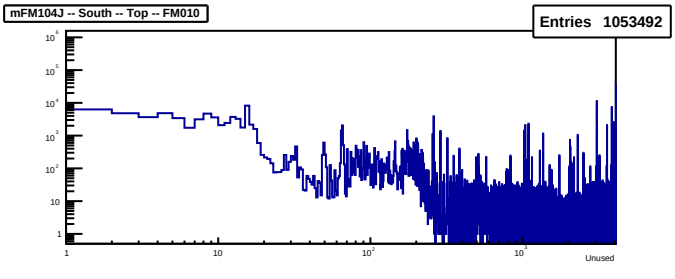
Entries 274690
J(23)

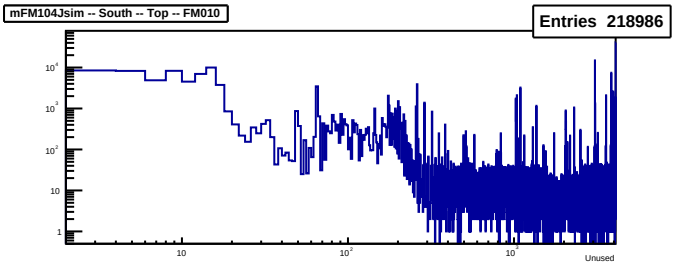

mFM104JP -- South -- Top/Side -- FM009
Entries 2106984

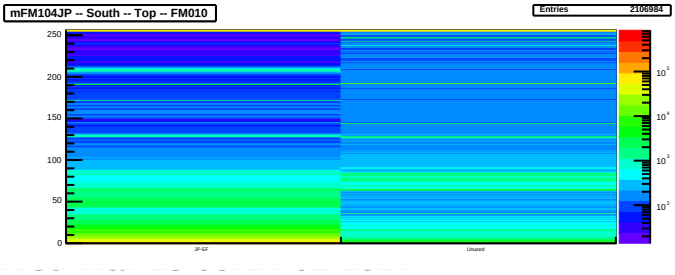

mFM104JPsim -- South -- Top/Side -- FM009
Entries 530711

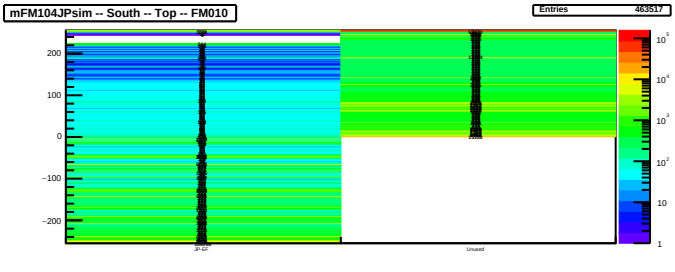

mFM104BS -- North -- Top -- FM010
Entries 4213968

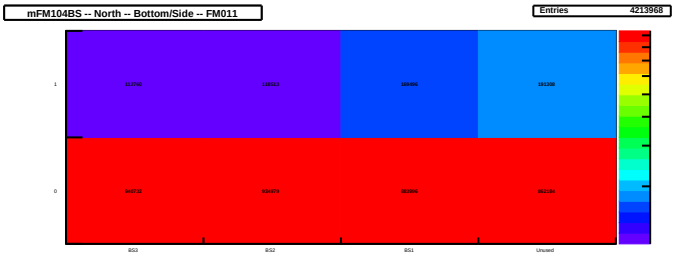

mFM104BSsim -- North -- Top -- FM010
Entries 929394

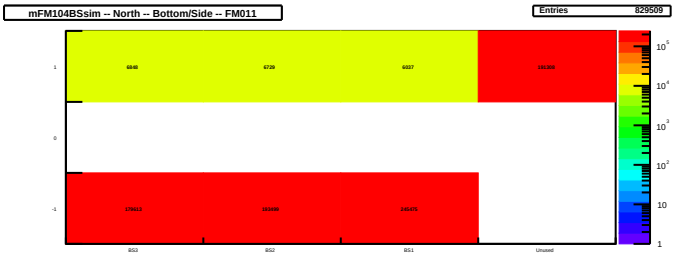

mFM104J -- South -- Top -- FM010
Entries 1053492
Unused

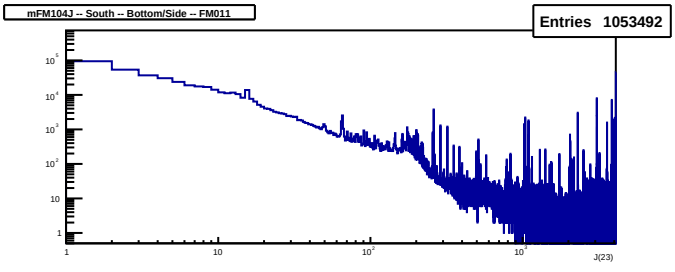

mFM104Jsim -- South -- Top -- FM010
Entries 218986
Unused

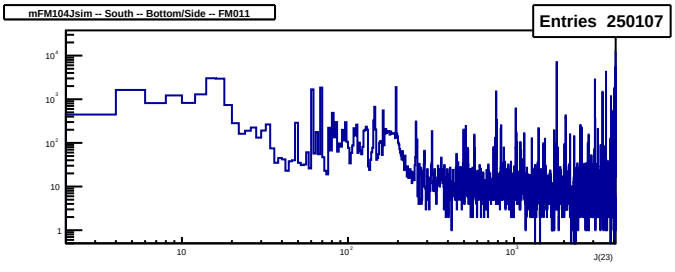

mFM104JP -- South -- Top -- FM010
Entries 2106984

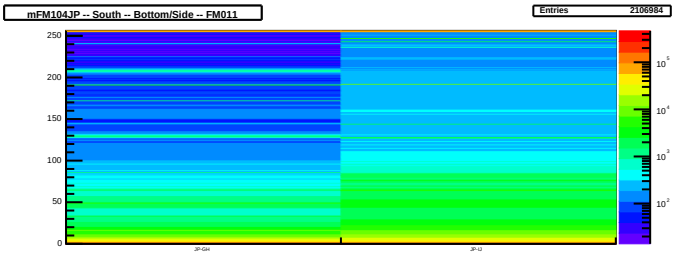

mFM104JPsim -- South -- Top -- FM010
Entries 463517

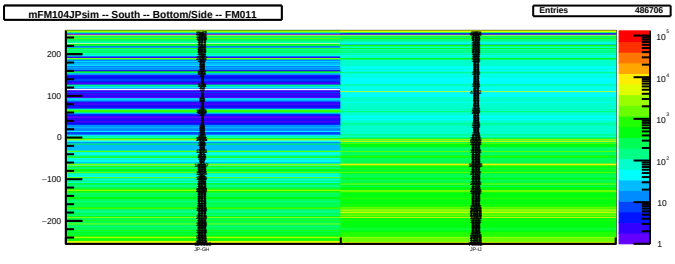

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4213968

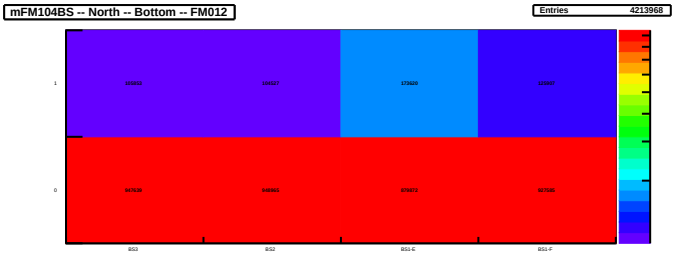

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 829509

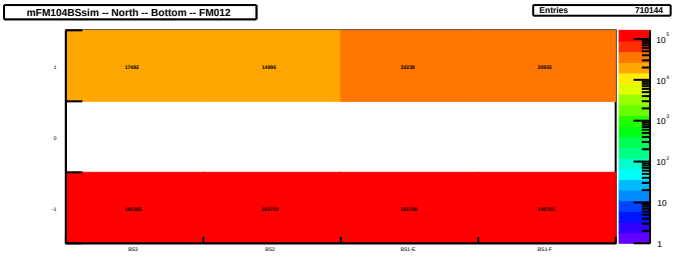

mFM104J -- South -- Bottom/Side -- FM011
Entries 1053492
J(23)

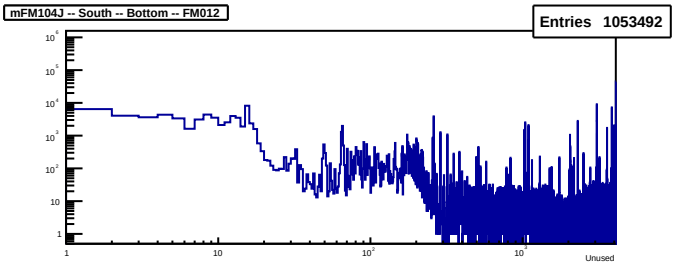

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 250107
J(23)

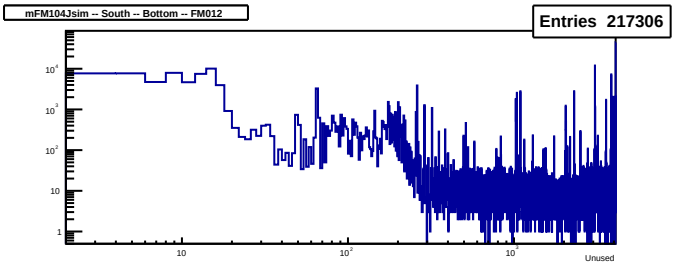

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2106984

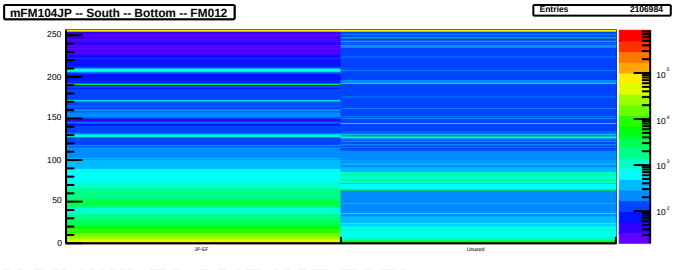

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 486706

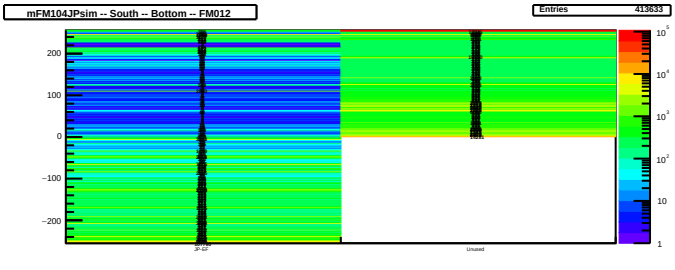

mFM104BS -- North -- Bottom -- FM012
Entries 4213968

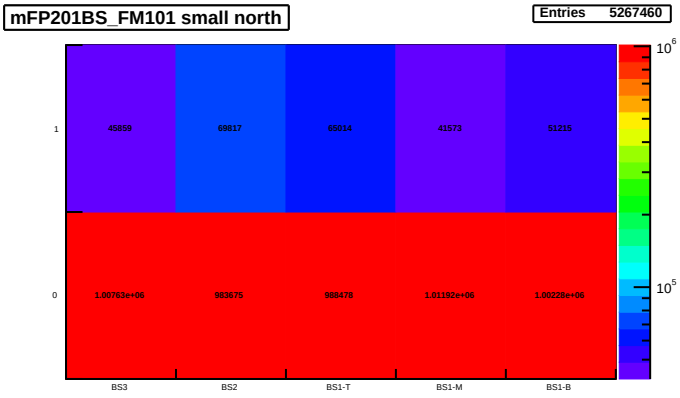

mFM104BSsim -- North -- Bottom -- FM012
Entries 710144

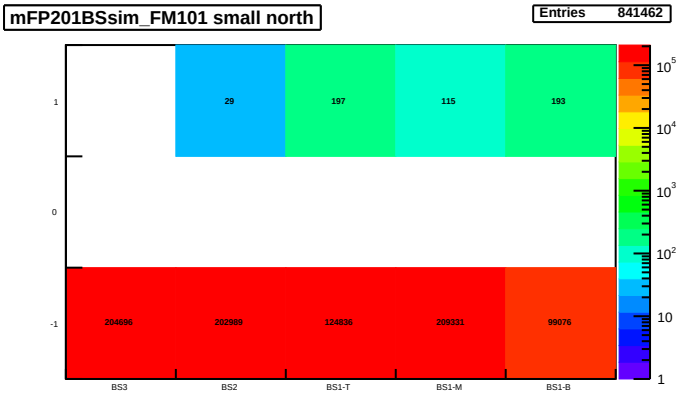

mFM104J -- South -- Bottom -- FM012
Entries 1053492
Unused

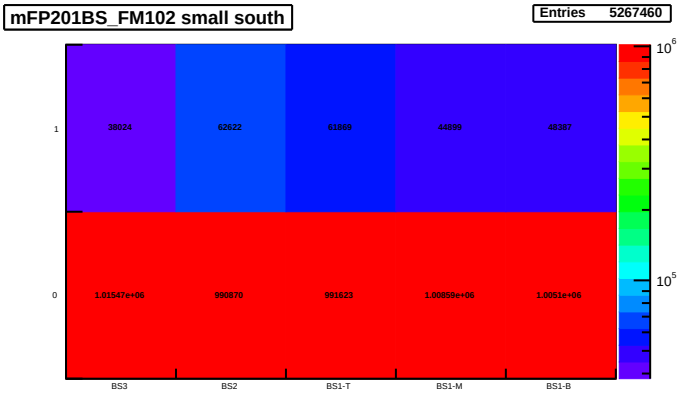

mFM104Jsim -- South -- Bottom -- FM012
Entries 217306
Unused

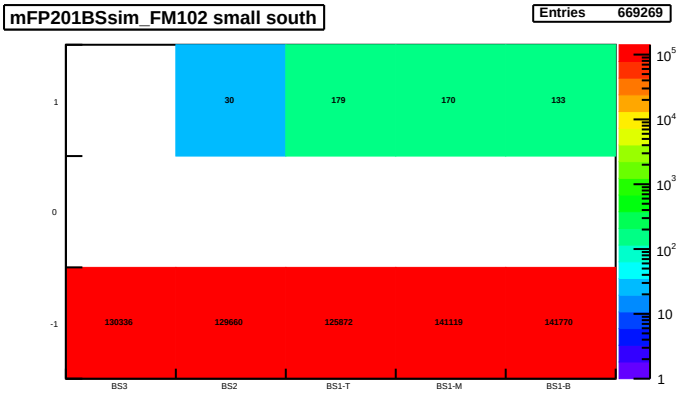

mFM104JP -- South -- Bottom -- FM012
Entries 2106984

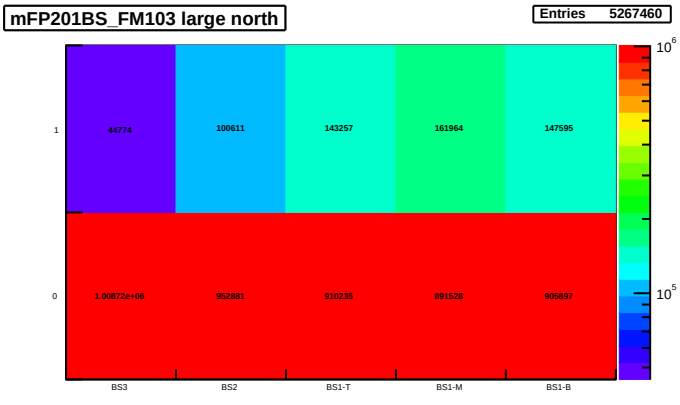

mFM104JPsim -- South -- Bottom -- FM012
Entries 413633

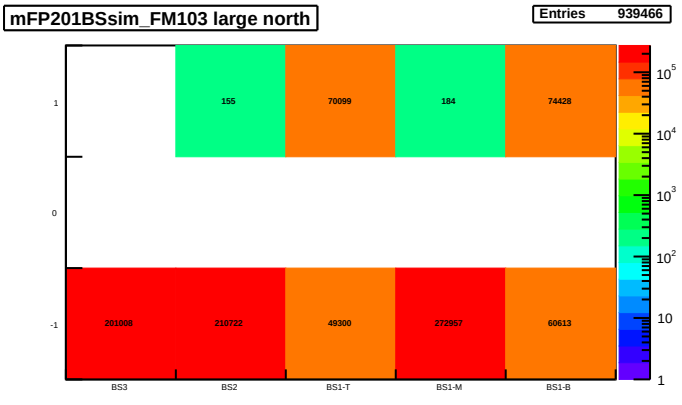

mFP201BS_FM101 small north
Entries 5267460
45859
69817
65014
41573
51215
1.00763e+06
983675
988478
1.01192e+06
1.00228e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

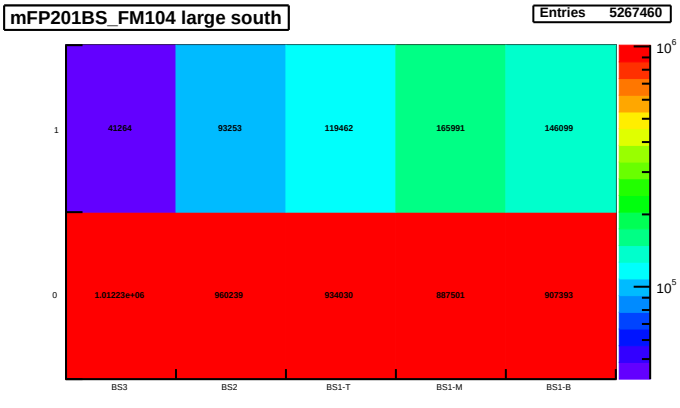

mFP201BSsim_FM101 small north
Entries 841462
29
197
115
193
204696
202989
124836
209331
99076
BS3
BS2
BS1-T
BS1-M
BS1-B

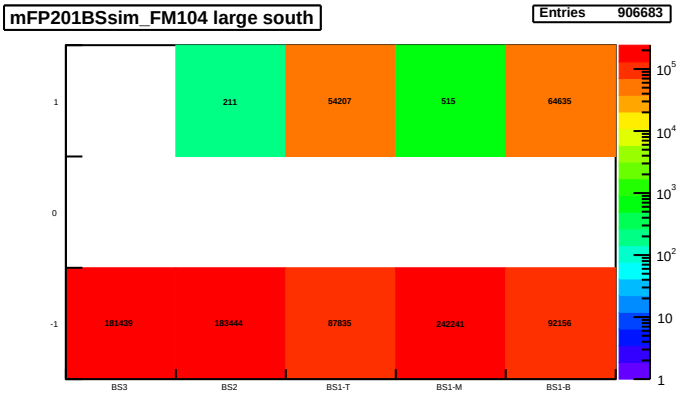

mFP201BS_FM102 small south
Entries 5267460
38024
62622
61869
44899
48387
1.01547e+06
990870
991623
1.00859e+06
1.0051e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

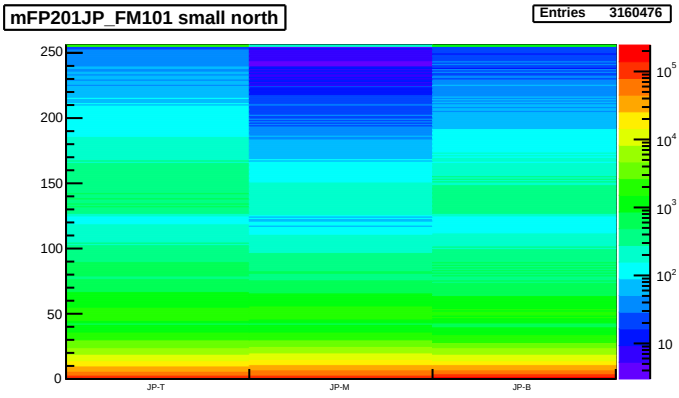

mFP201BSsim_FM102 small south
Entries 669269
30
179
170
133
130336
129660
125872
141119
141770
BS3
BS2
BS1-T
BS1-M
BS1-B

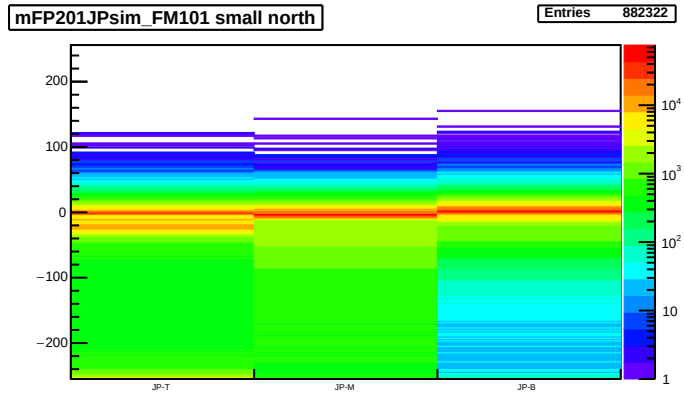

mFP201BS_FM103 large north
Entries 5267460
44774
100611
143257
161964
147595
1.00872e+06
952881
910235
891528
905897
BS3
BS2
BS1-T
BS1-M
BS1-B

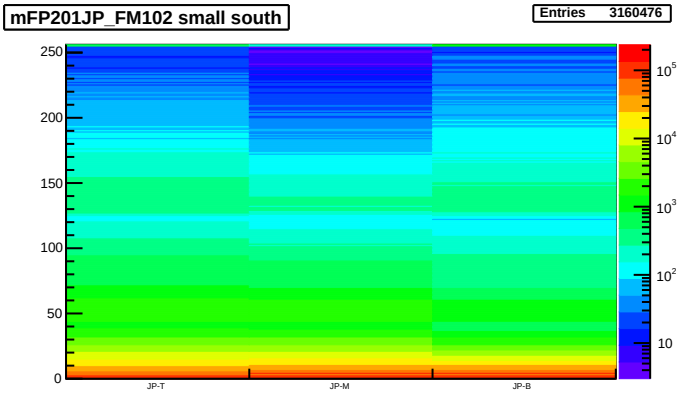

mFP201BSsim_FM103 large north
Entries 939466
155
70099
184
74428
201008
210722
49300
272957
60613
BS3
BS2
BS1-T
BS1-M
BS1-B

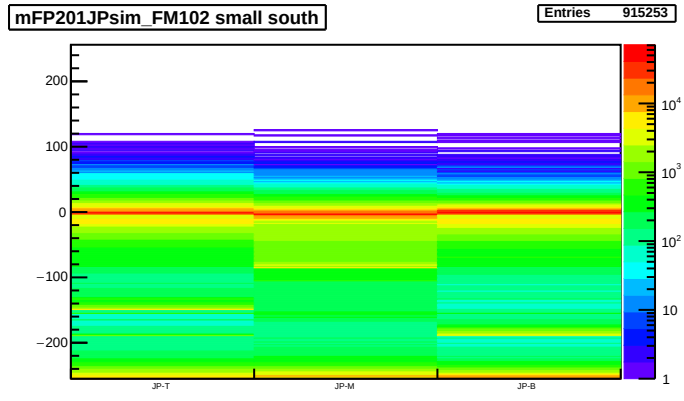

mFP201BS_FM104 large south
Entries 5267460
41264
93253
119462
165991
146099
1.01223e+06
960239
934030
887501
907393
BS3
BS2
BS1-T
BS1-M
BS1-B

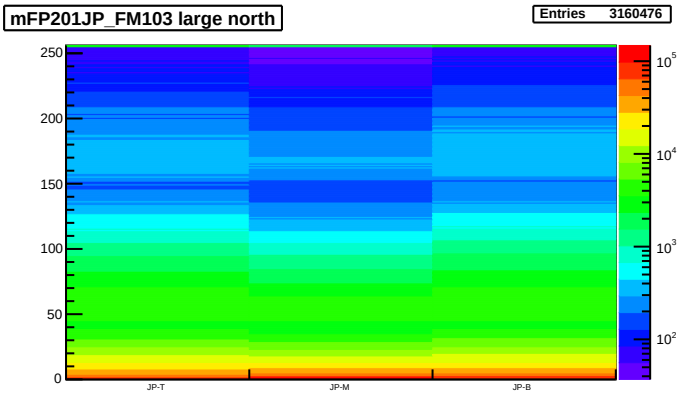

mFP201BSsim_FM104 large south
Entries 906683
211
54207
515
64635
181439
183444
87835
242241
92156
BS3
BS2
BS1-T
BS1-M
BS1-B

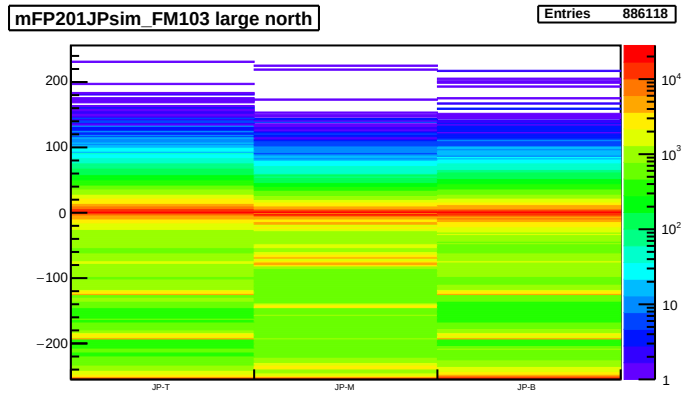

mFP201JP_FM101 small north
Entries 3160476
JP-T
JP-M
JP-B

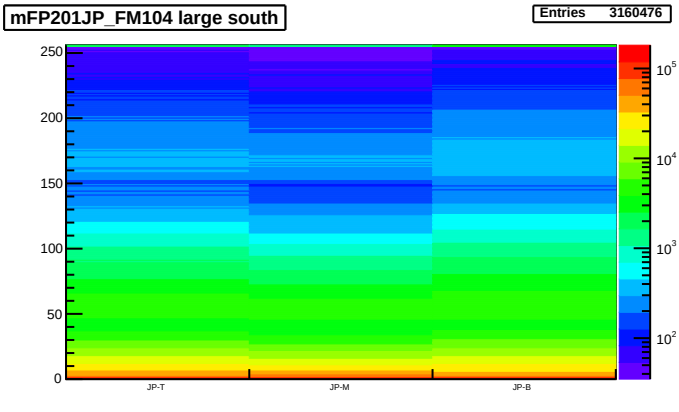

mFP201JPsim_FM101 small north
Entries 882322
JP-T
JP-M
JP-B

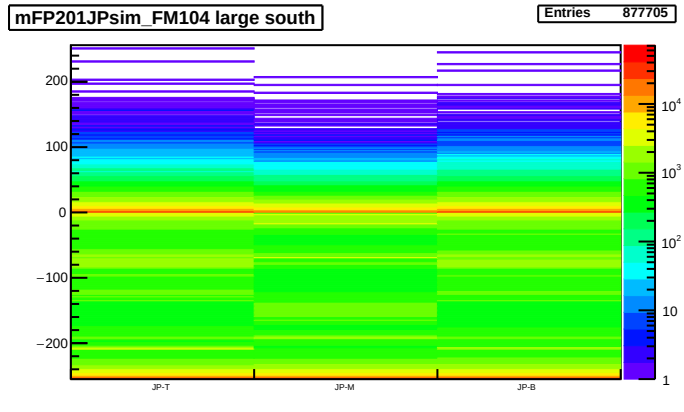

mFP201JP_FM102 small south
Entries 3160476
JP-T
JP-M
JP-B

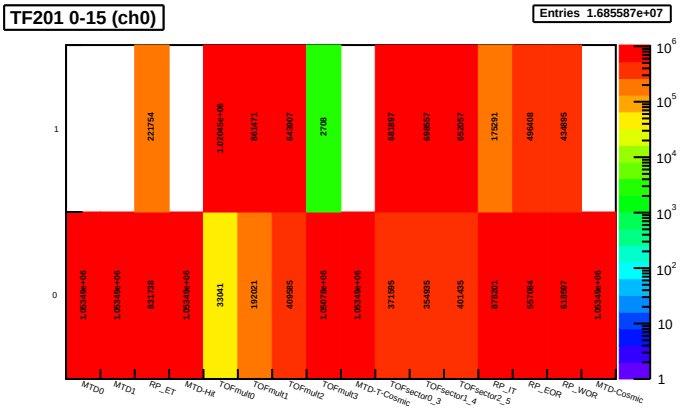

mFP201JPsim_FM102 small south
Entries 915253
JP-T
JP-M
JP-B

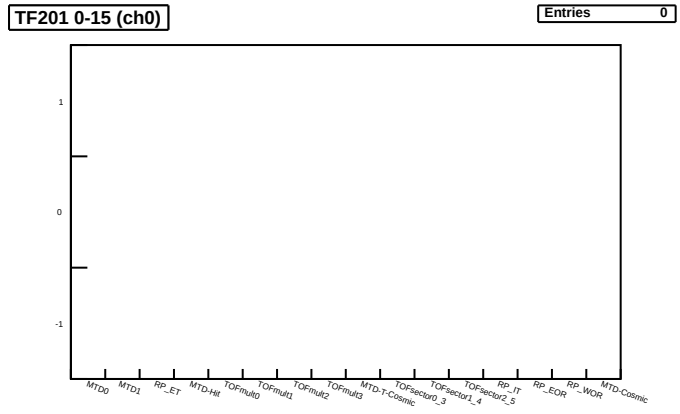

mFP201JP_FM103 large north
Entries 3160476
JP-T
JP-M
JP-B

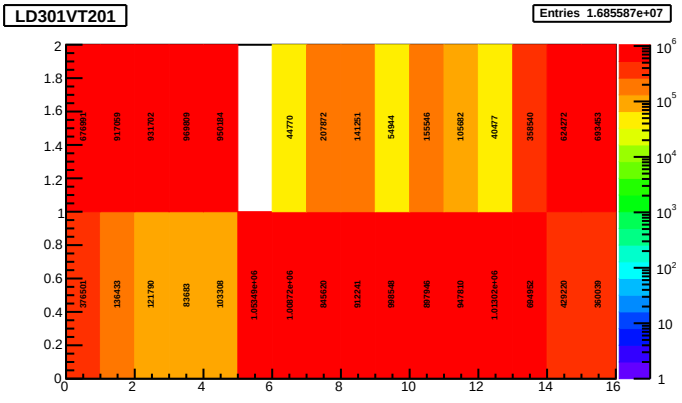

mFP201JPsim_FM103 large north
Entries 886118
JP-T
JP-M
JP-B

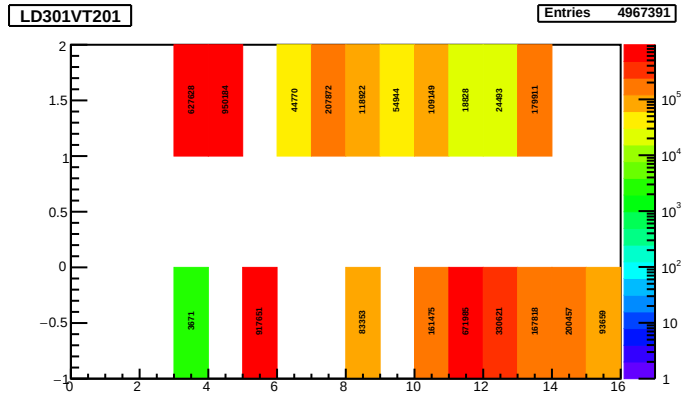

mFP201JP_FM104 large south
Entries 3160476
JP-T
JP-M
JP-B

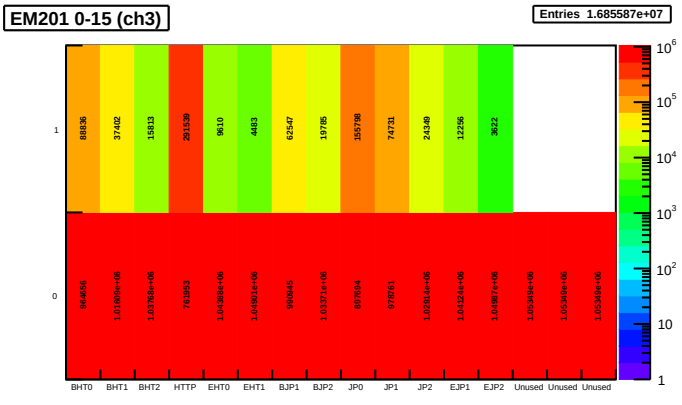

mFP201JPsim_FM104 large south
Entries 877705
JP-T
JP-M
JP-B

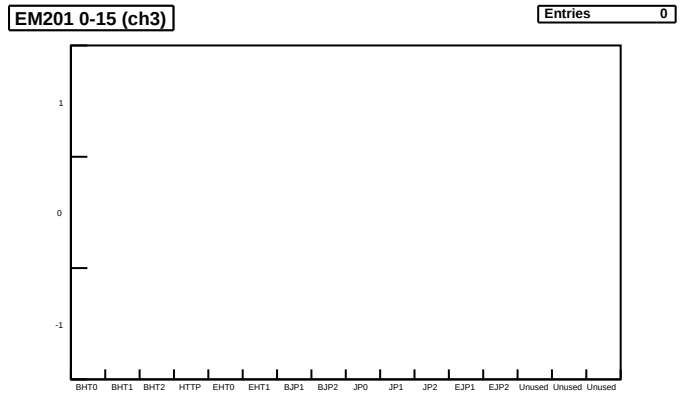

TF201 0-15 (ch0)
Entries 1.685587e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

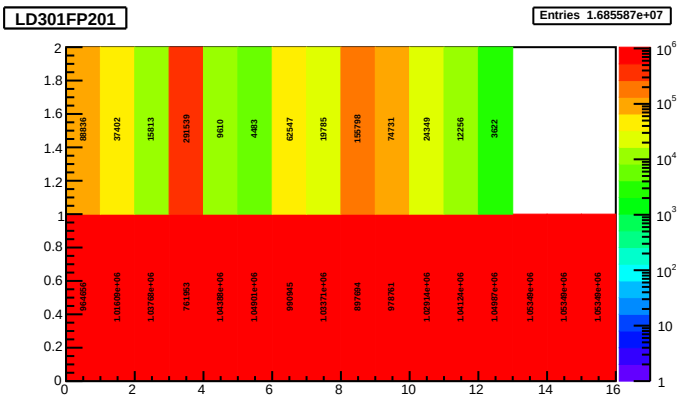

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

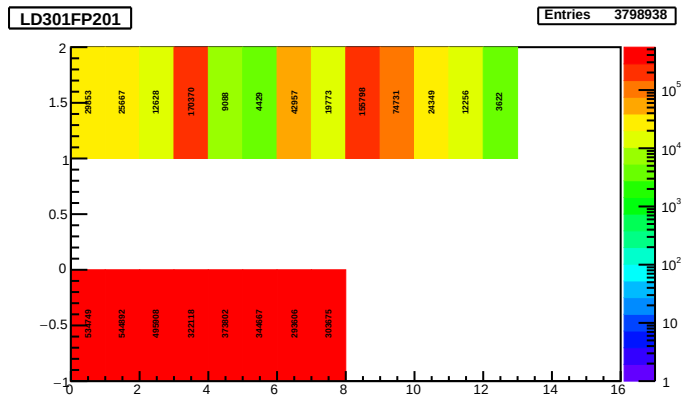

LD301VT201
Entries 1.685587e+07


LD301VT201
Entries 4967391


EM201 0-15 (ch3)
Entries 1.685587e+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 1.685587e+07


LD301FP201
Entries 3798938