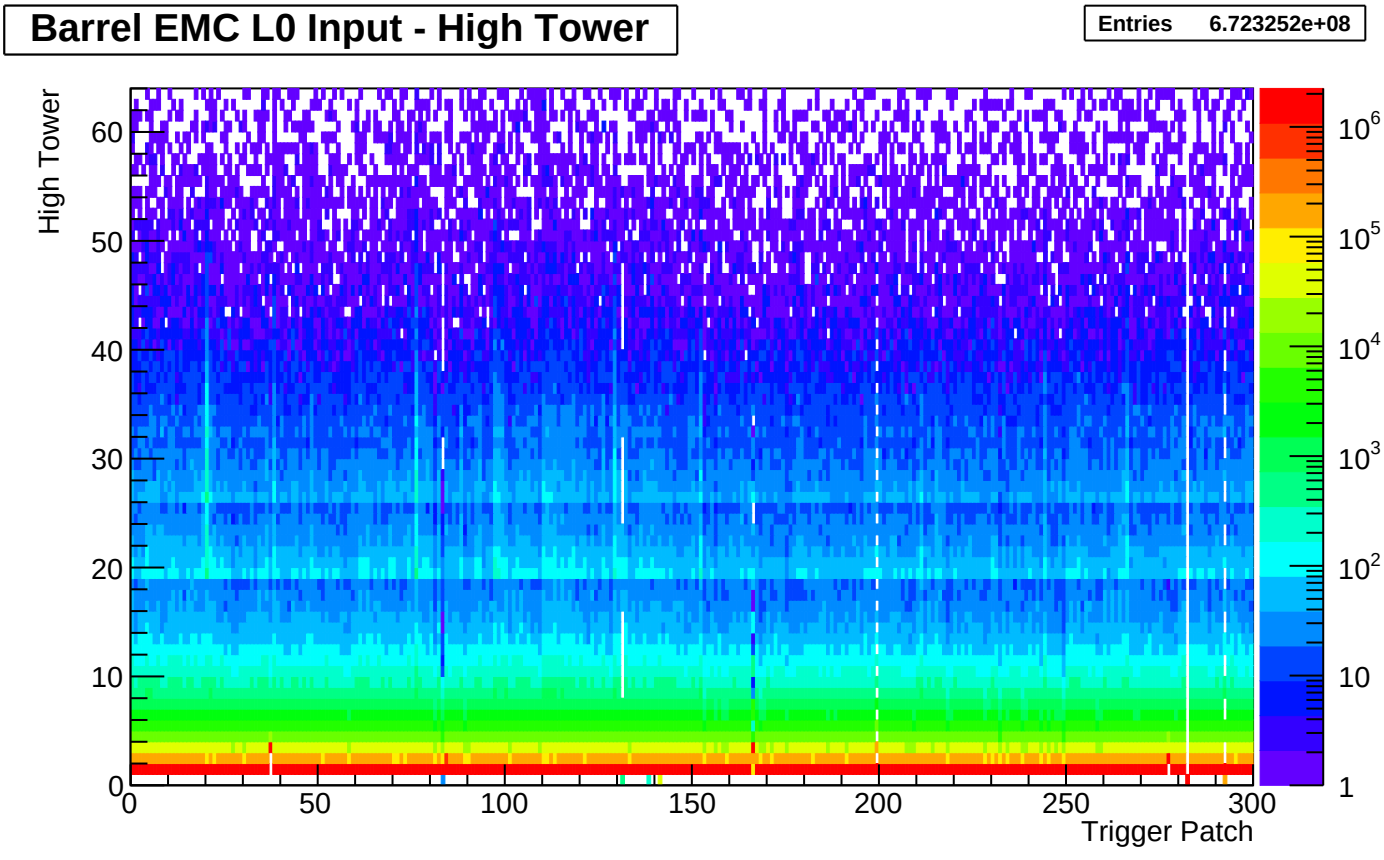
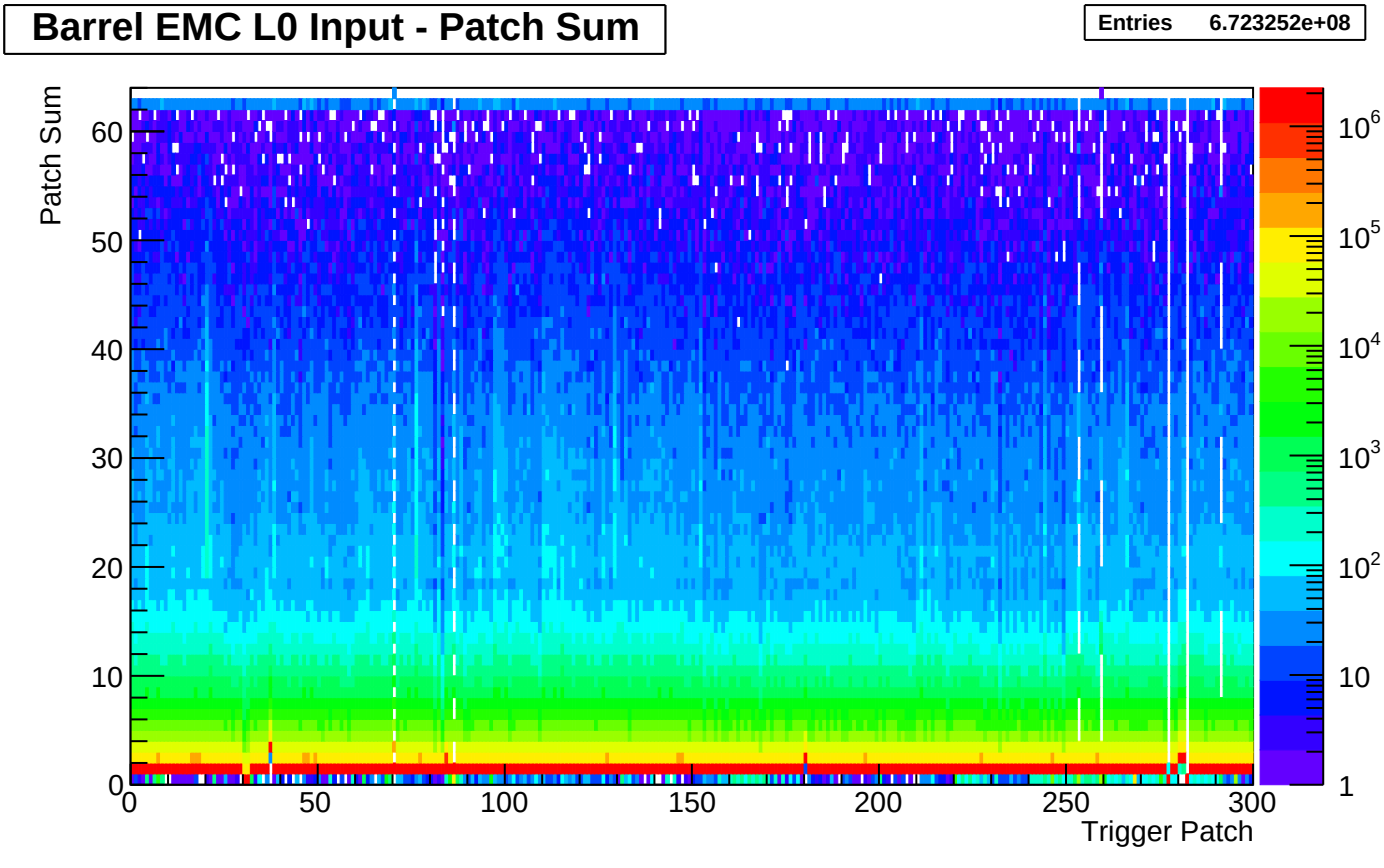
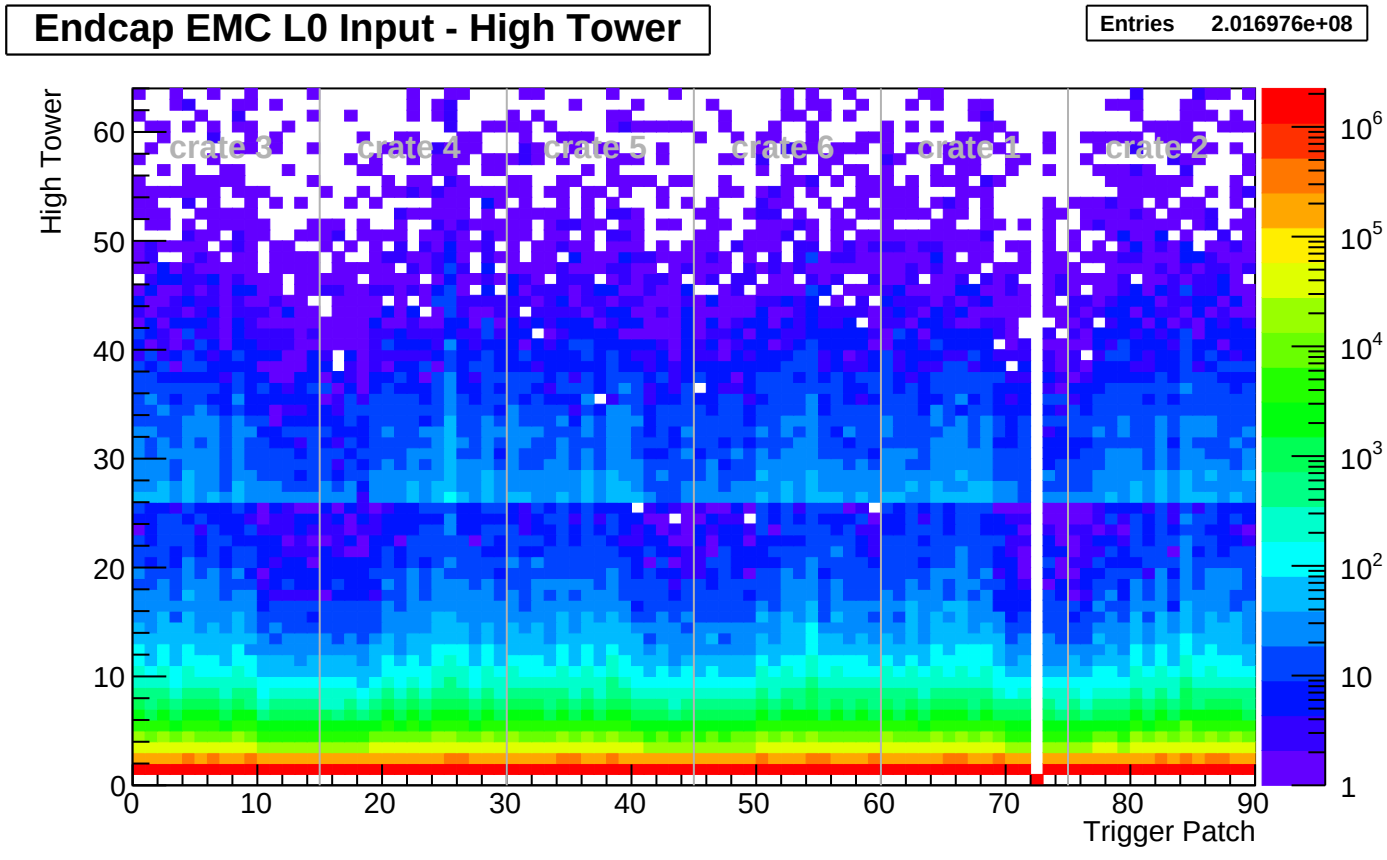
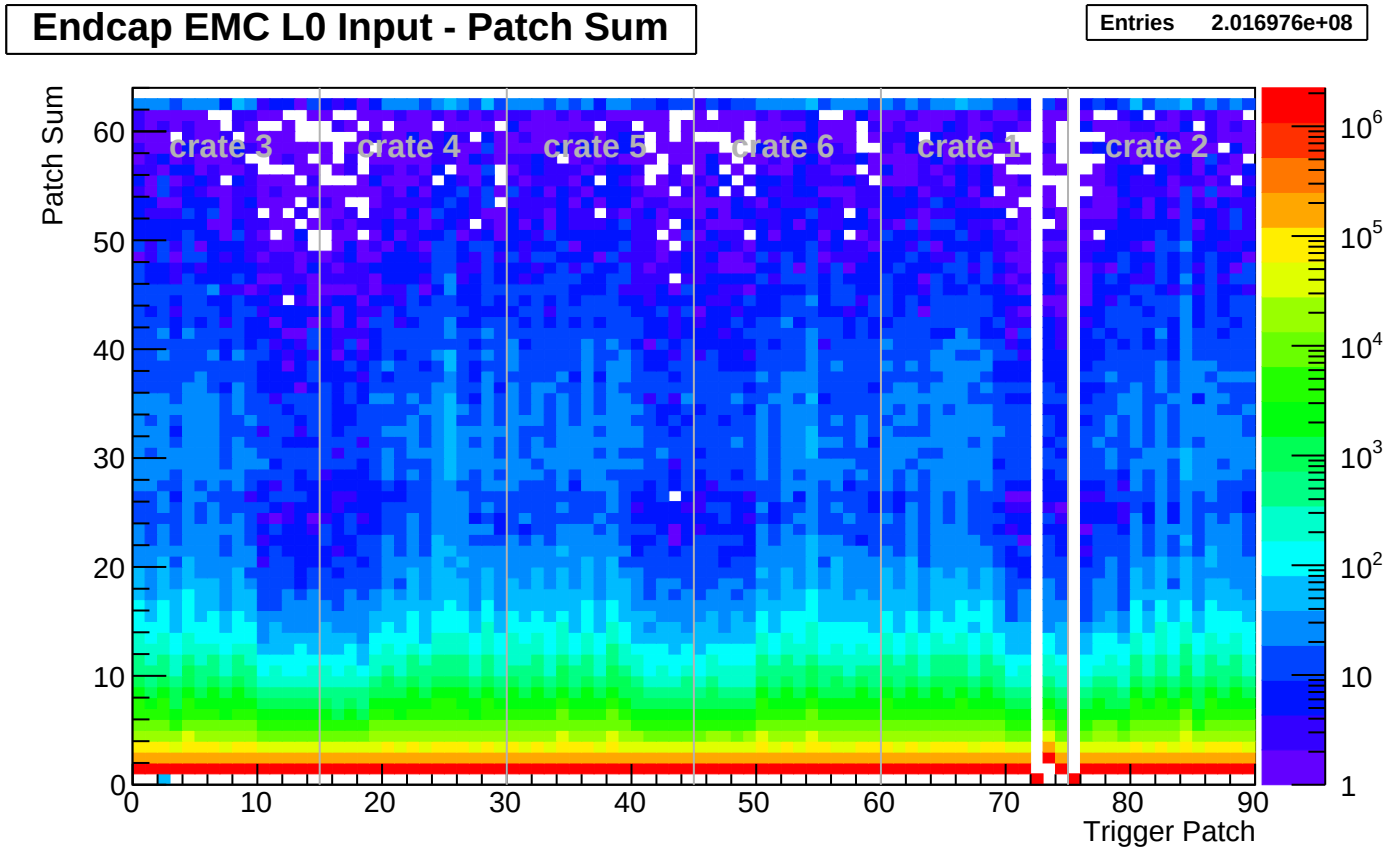
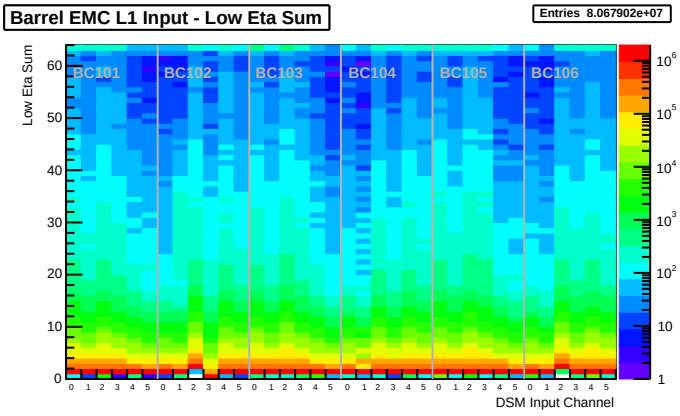
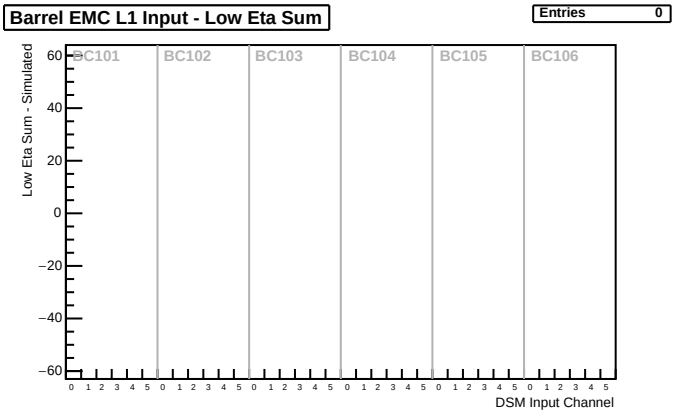

Barrel EMC L0 Input - High Tower
Entries 6.723252e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

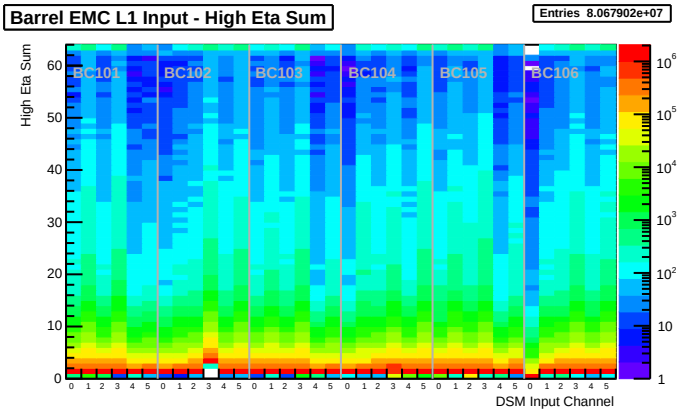

Barrel EMC L0 Input - Patch Sum
Entries 6.723252e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

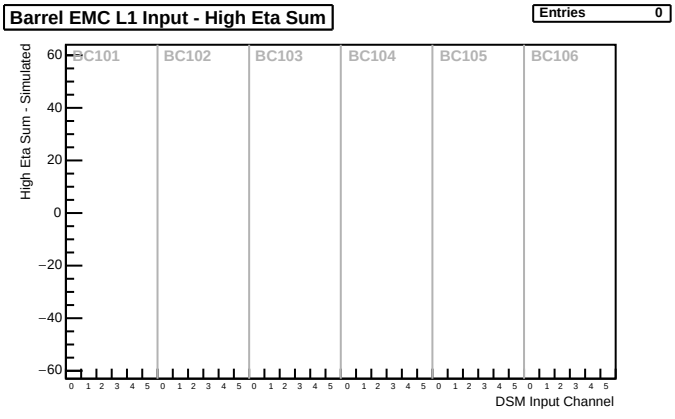

Endcap EMC L0 Input - High Tower
Entries 2.016976e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

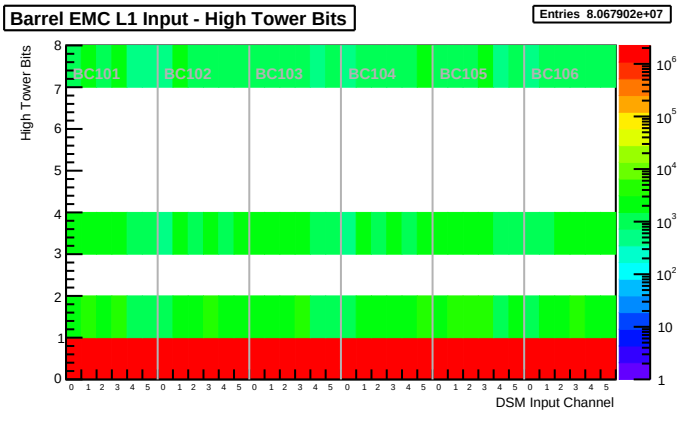

Endcap EMC L0 Input - Patch Sum
Entries 2.016976e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

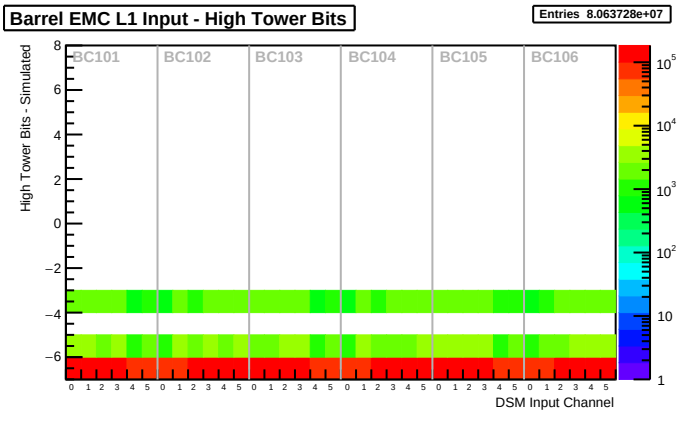

Barrel EMC L1 Input - Low Eta Sum
Entries 8.067902e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

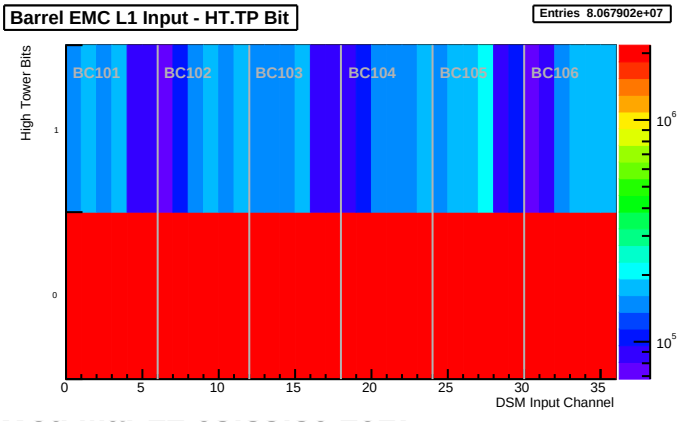

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

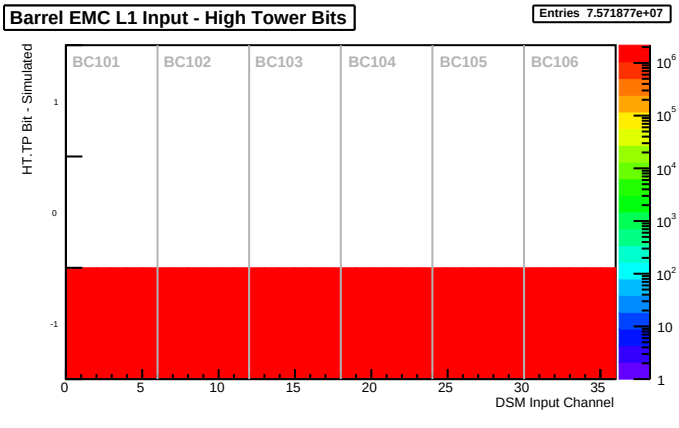

Barrel EMC L1 Input - High Eta Sum
Entries 8.067902e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

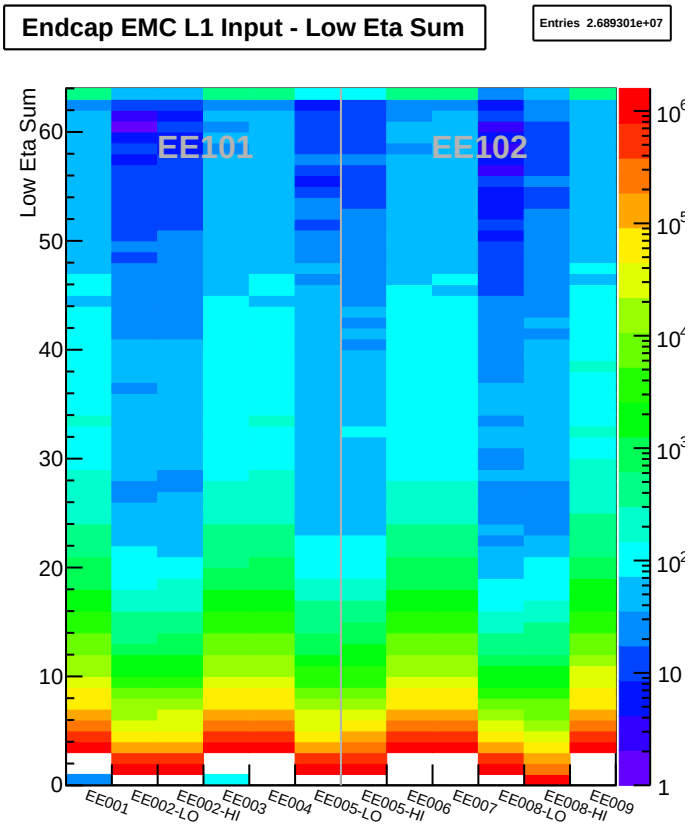

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

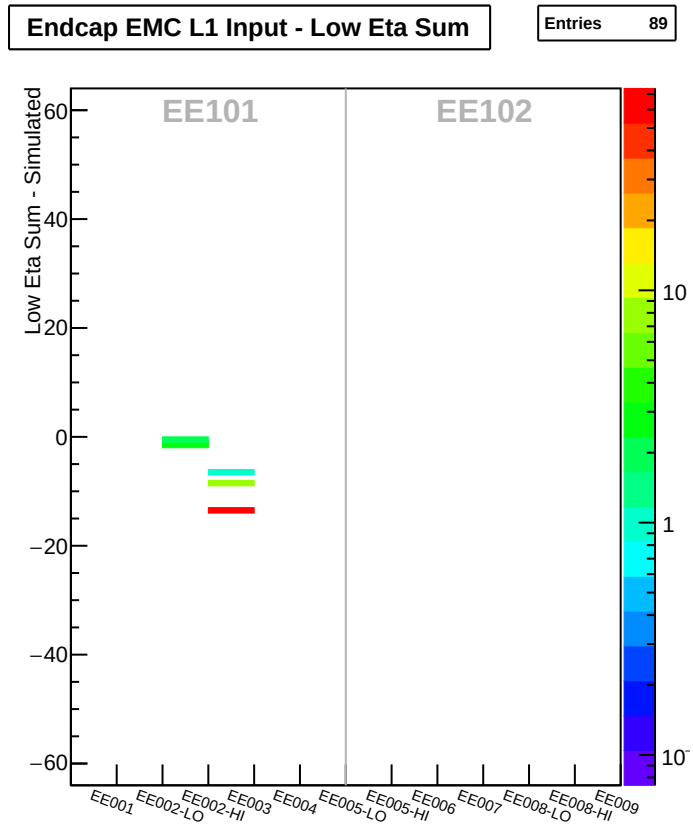

Barrel EMC L1 Input - High Tower Bits
Entries 8.067902e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

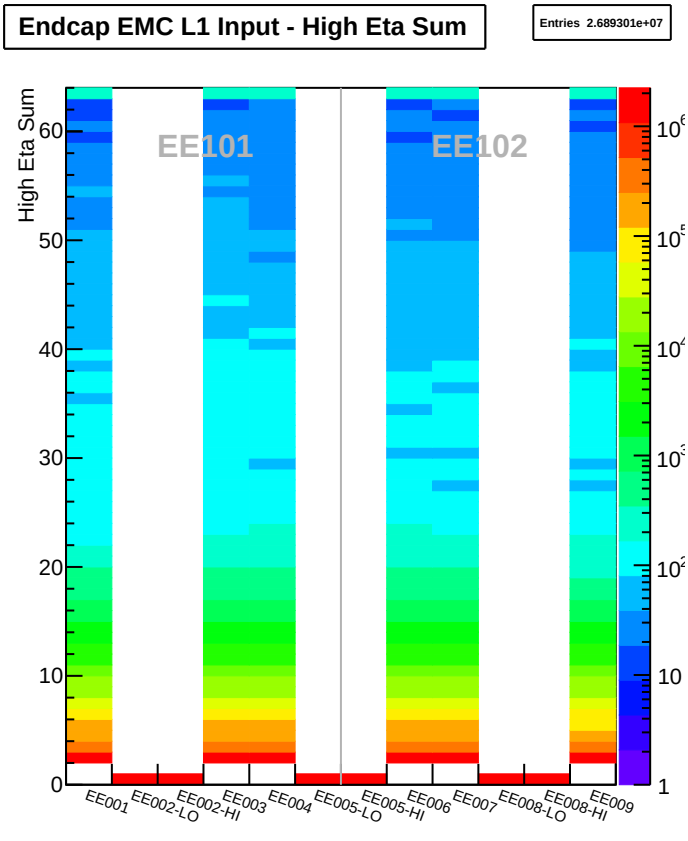

Barrel EMC L1 Input - High Tower Bits
Entries 8.063728e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

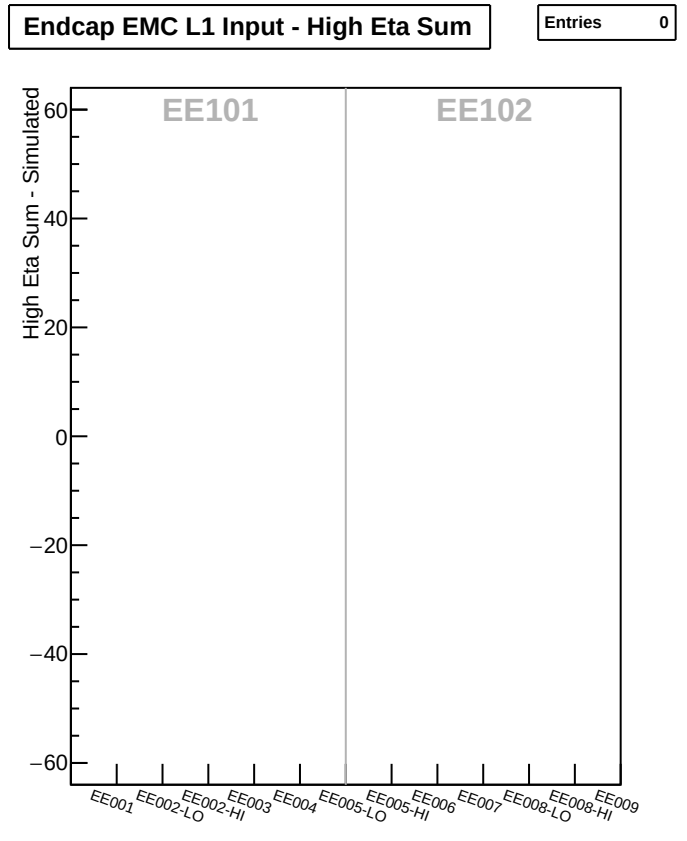

Barrel EMC L1 Input - HT.TP Bit
Entries 8.067902e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

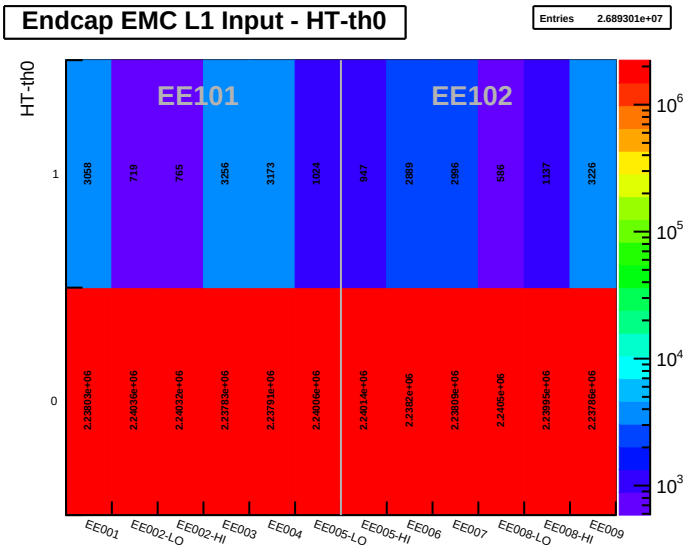

Barrel EMC L1 Input - High Tower Bits
Entries 7.571877e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

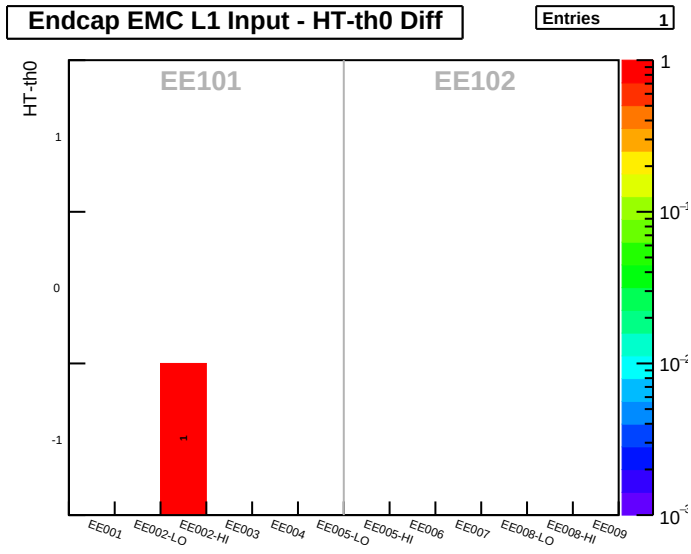

Endcap EMC L1 Input - Low Eta Sum
Entries 2.689301e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

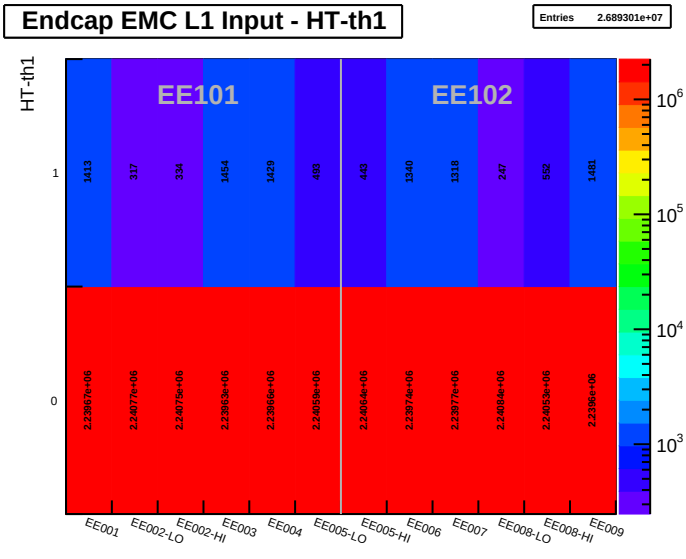

Endcap EMC L1 Input - Low Eta Sum
Entries 89
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

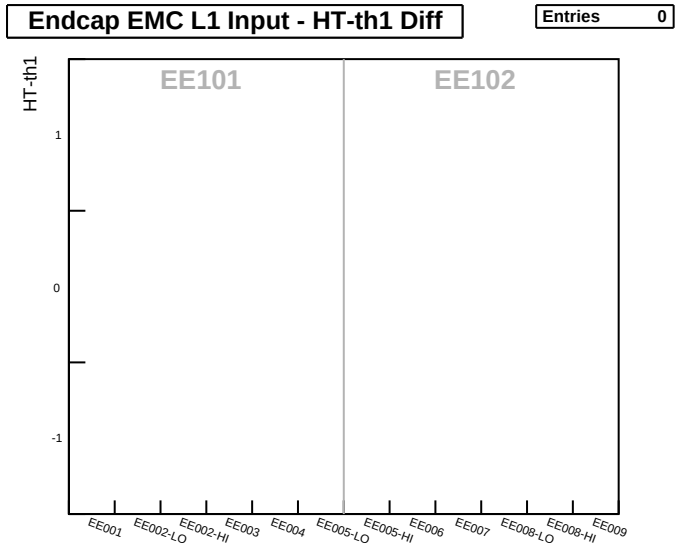

Endcap EMC L1 Input - High Eta Sum
Entries 2.689301e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

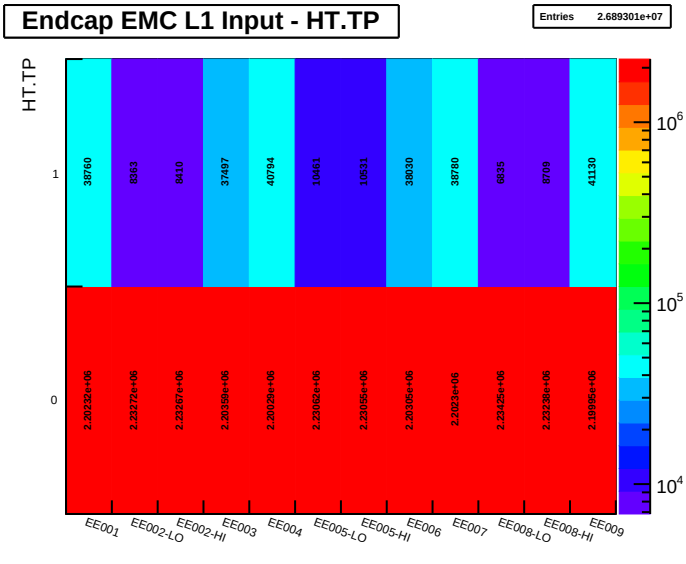

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

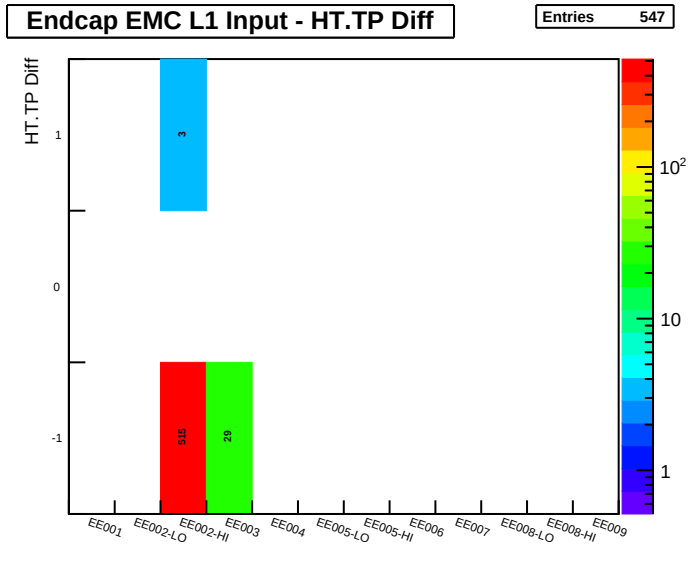

Endcap EMC L1 Input - HT-th0
Entries 2.689301e+07
HT-th0
EE101
EE102
3058 719 765 3256 3173 1024 947 2889 2996 586 1137 3226
2.23803e+06 2.24039e+06 2.24032e+06 2.23783e+06 2.23791e+06 2.24006e+06 2.24014e+06 2.23826e+06 2.23809e+06 2.2405e+06 2.23895e+06 2.23786e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

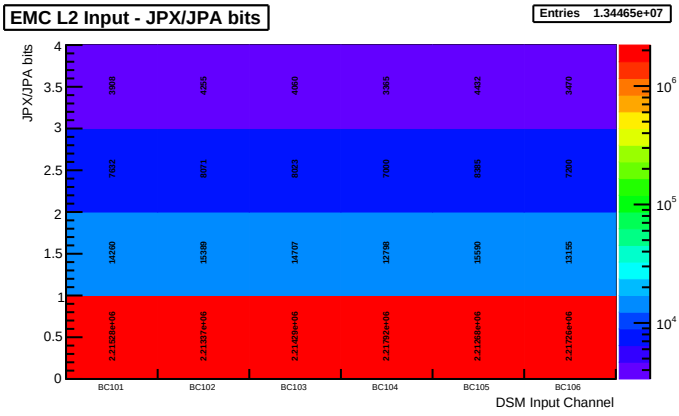

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
HT-th0
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

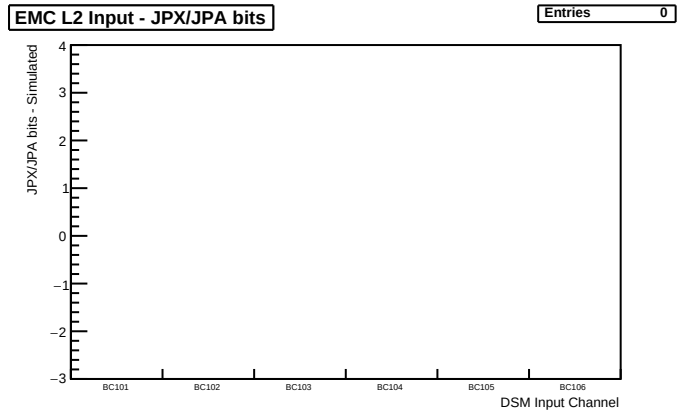

Endcap EMC L1 Input - HT-th1
Entries 2.689301e+07
HT-th1
EE101
EE102
1413 317 334 1454 1429 493 443 1340 1318 247 552 1481
2.23967e+06 2.24077e+06 2.24075e+06 2.23963e+06 2.23965e+06 2.24059e+06 2.24064e+06 2.23974e+06 2.23977e+06 2.24084e+06 2.24053e+06 2.2396e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

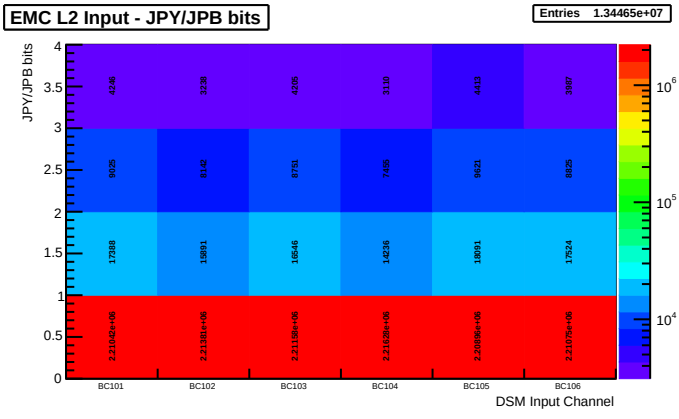

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

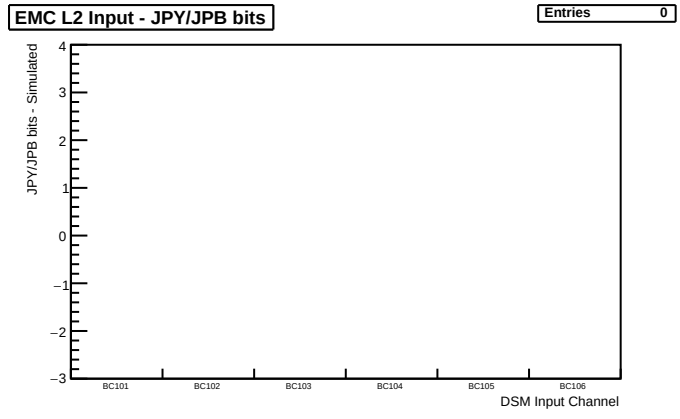

Endcap EMC L1 Input - HT.TP
Entries 2.689301e+07
HT.TP
38760 8363 8410 37497 40794 10461 10531 38030 38780 6635 8709 41130
2.20232e+06 2.23272e+06 2.23267e+06 2.20359e+06 2.20029e+06 2.23062e+06 2.23055e+06 2.20305e+06 2.23023e+06 2.23425e+06 2.23238e+06 2.19995e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

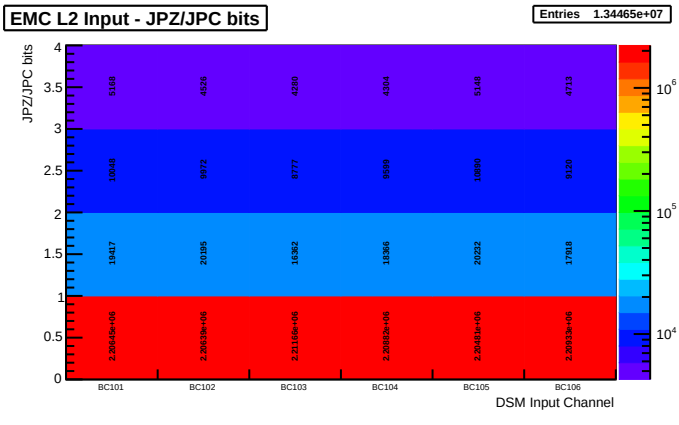

Endcap EMC L1 Input - HT.TP Diff
Entries 547
HT.TP Diff
3
515
29
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

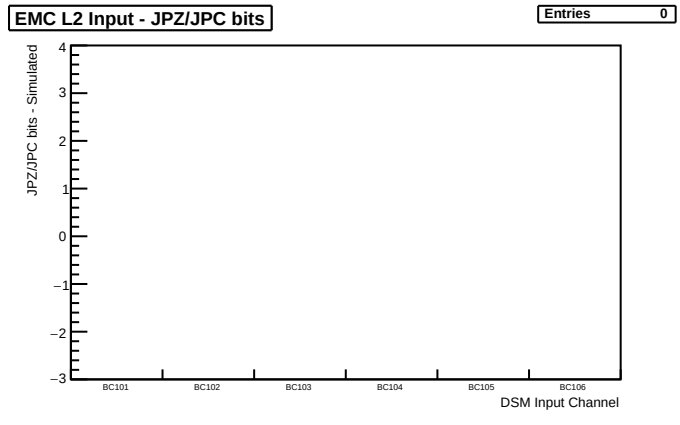

EMC L2 Input - JPX/JPA bits
Entries 1.34465e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

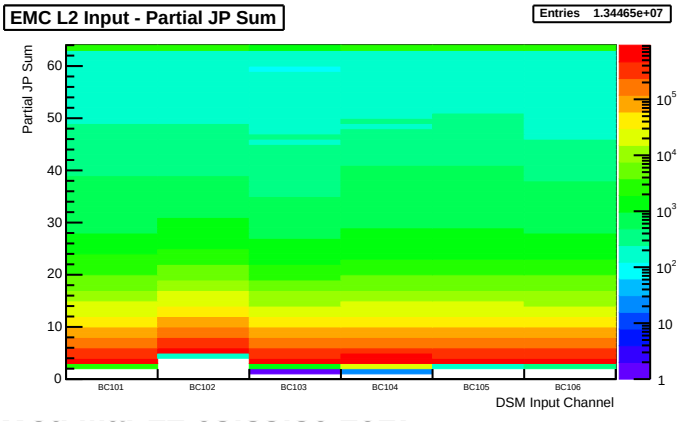

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

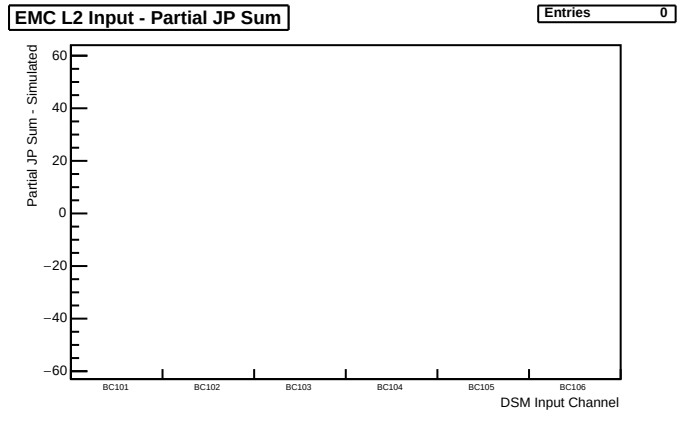

EMC L2 Input - JPY/JPB bits
Entries 1.34465e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

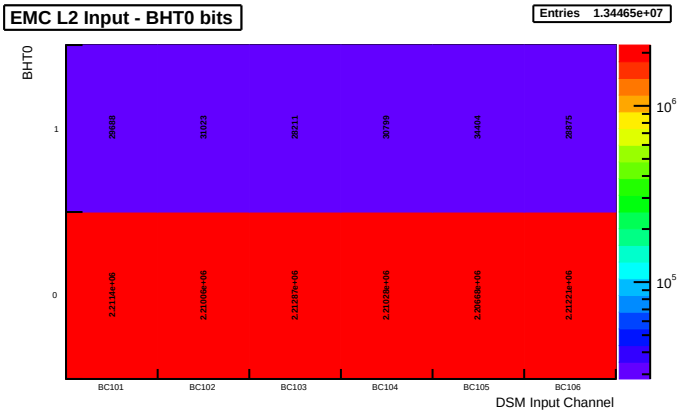

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

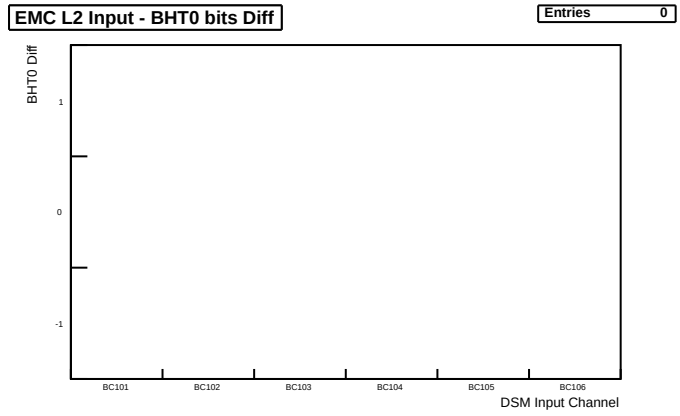

EMC L2 Input - JPZ/JPC bits
Entries 1.34465e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

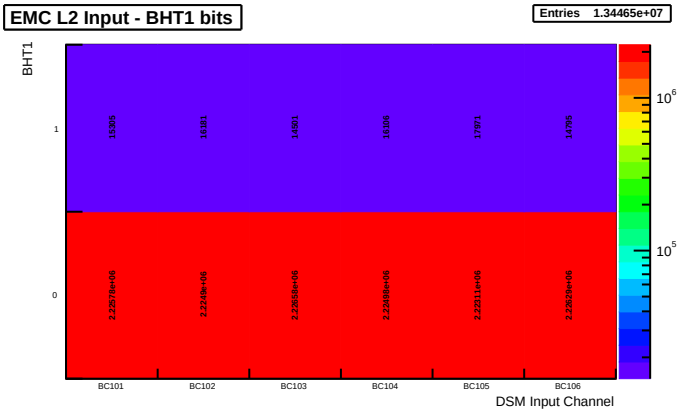

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

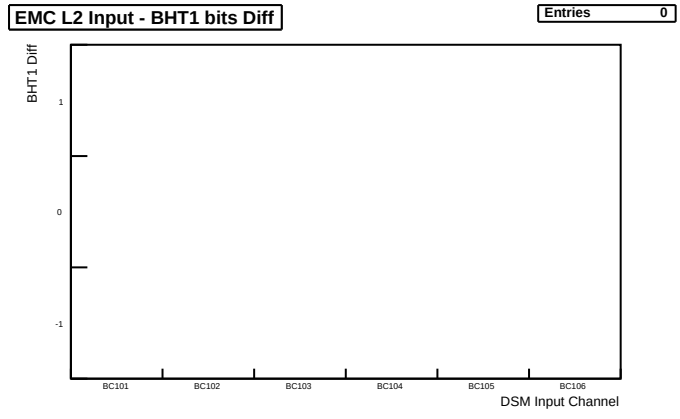

EMC L2 Input - Partial JP Sum
Entries 1.34465e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

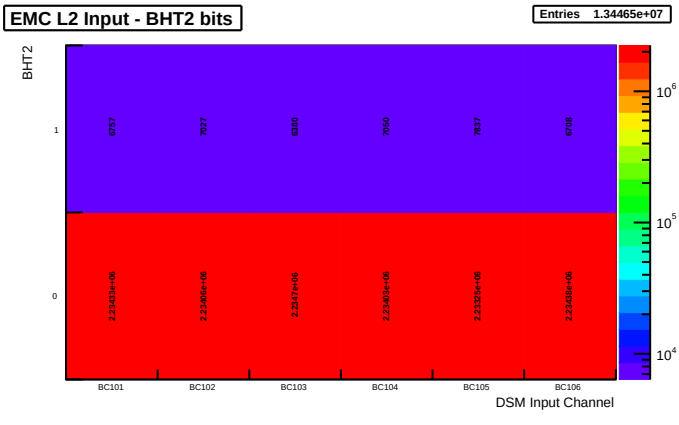

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

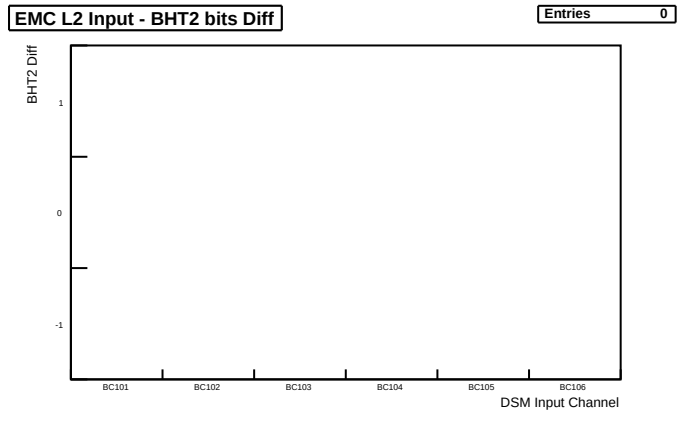

EMC L2 Input - BHT0 bits
Entries 1.34465e+07
BHT0
1
0
29688
31023
29211
30799
34404
28875
2.21194e+06
2.21006e+06
2.21287e+06
2.21028e+06
2.20668e+06
2.22221e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

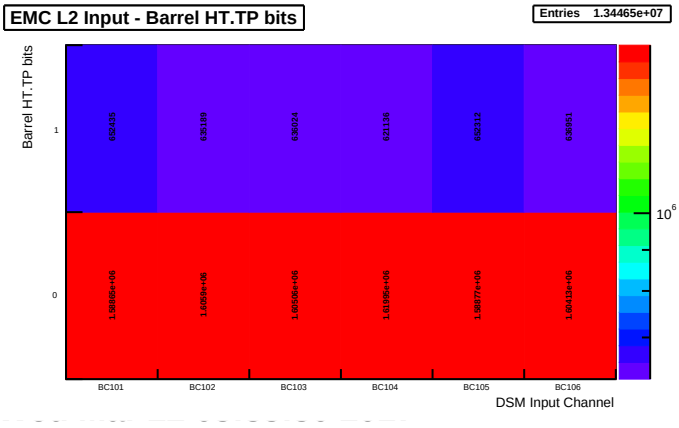

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

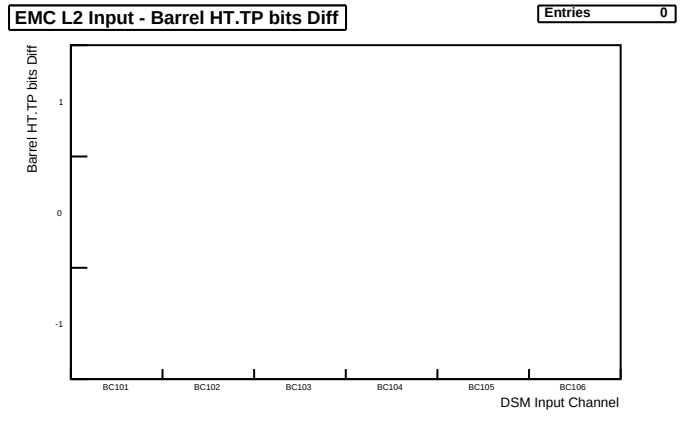

EMC L2 Input - BHT1 bits
Entries 1.34465e+07
BHT1
1
0
15305
16181
14501
15106
17971
14795
2.22578e+06
2.22549e+06
2.22559e+06
2.22499e+06
2.22311e+06
2.22629e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

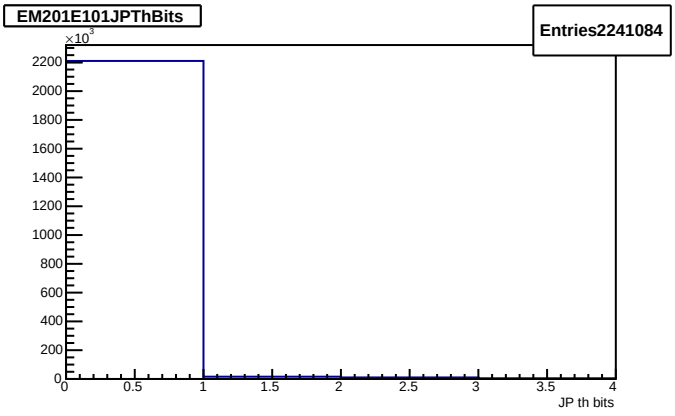

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

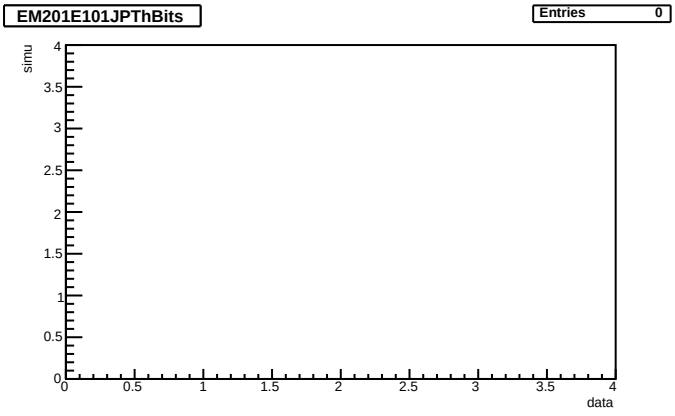

EMC L2 Input - BHT2 bits
Entries 1.34465e+07
BHT2
1
0
6757
7027
6390
7050
7637
6708
2.23432e+06
2.23406e+06
2.2347e+06
2.23403e+06
2.23325e+06
2.23438e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

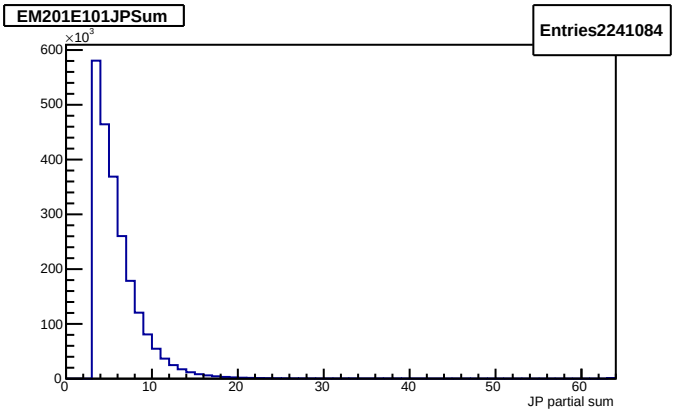

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

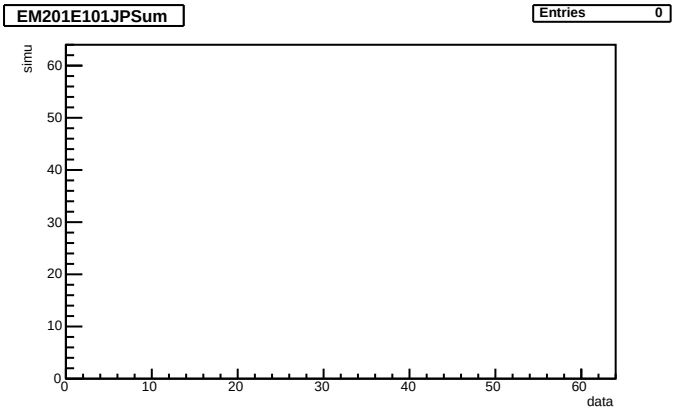

EMC L2 Input - Barrel HT.TP bits
Entries 1.34465e+07
Barrel HT.TP bits
1
0
632435
635189
636024
621136
632312
636951
1.58386e+06
1.6099e+06
1.60506e+06
1.61995e+06
1.58877e+06
1.60412e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

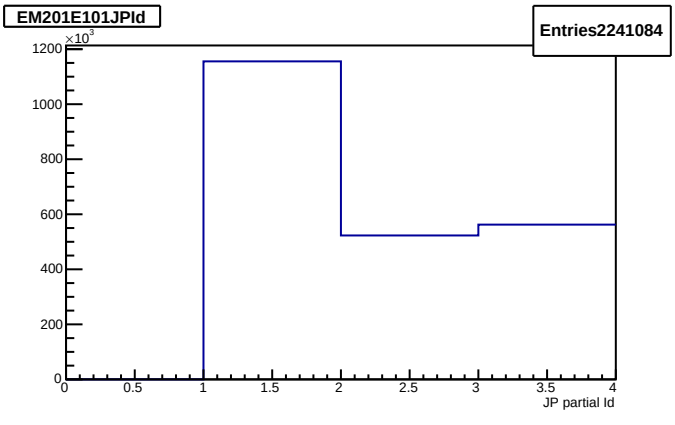

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

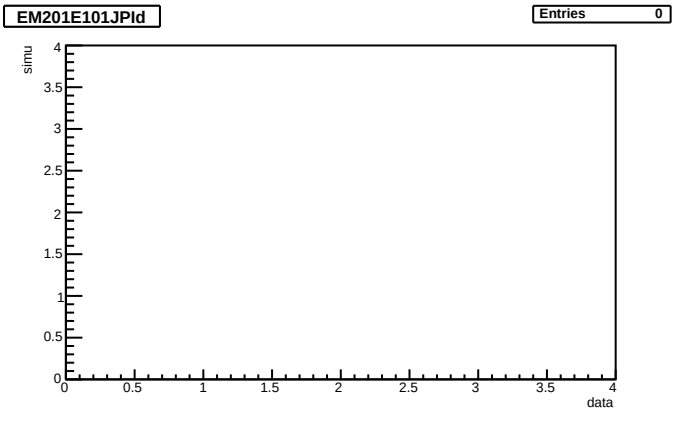

EM201E101JPThBits
Entries2241084
×10^3
JP th bits

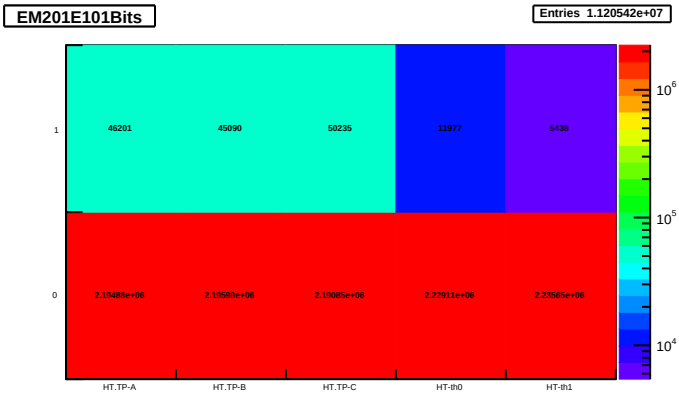

EM201E101JPThBits
Entries 0
simu
data

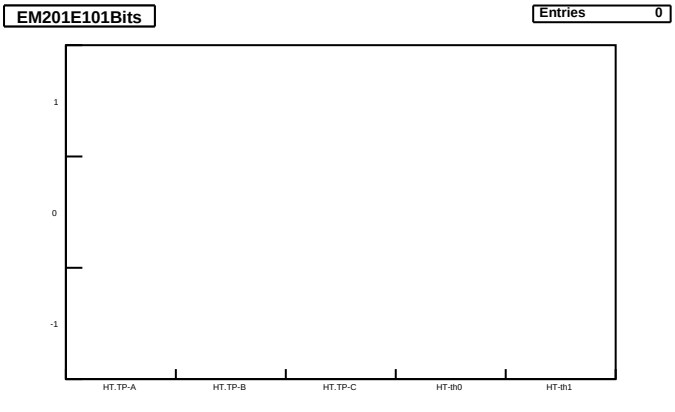

EM201E101JPSum
Entries2241084
×10^3
JP partial sum

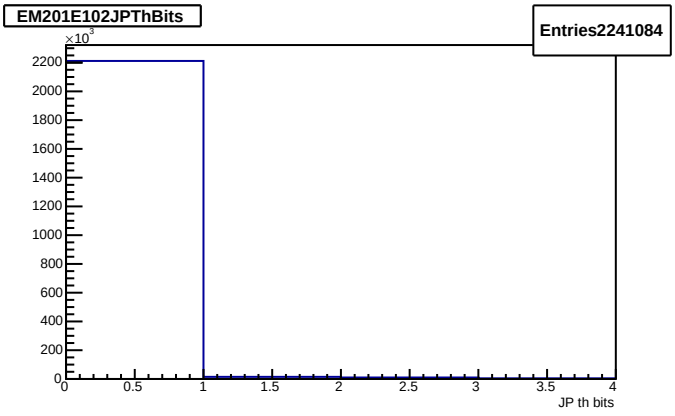

EM201E101JPSum
Entries 0
simu
data

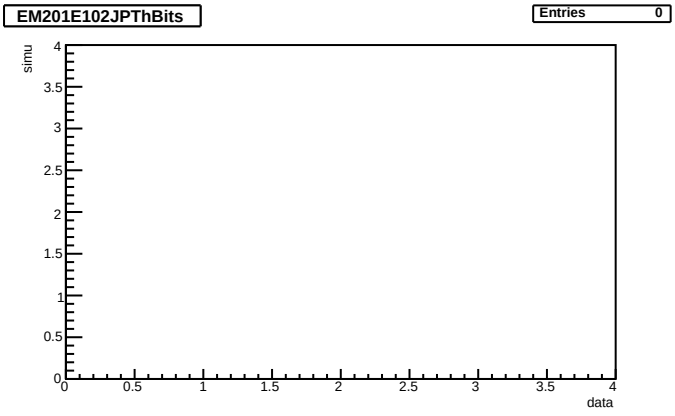

EM201E101JPId
Entries2241084
×10^3
JP partial Id

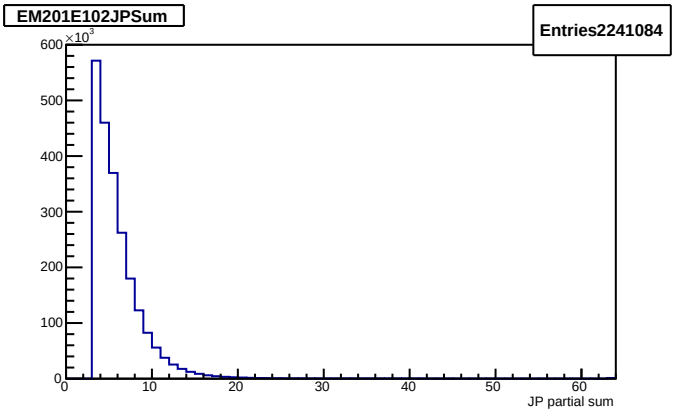

EM201E101JPId
Entries 0
simu
data

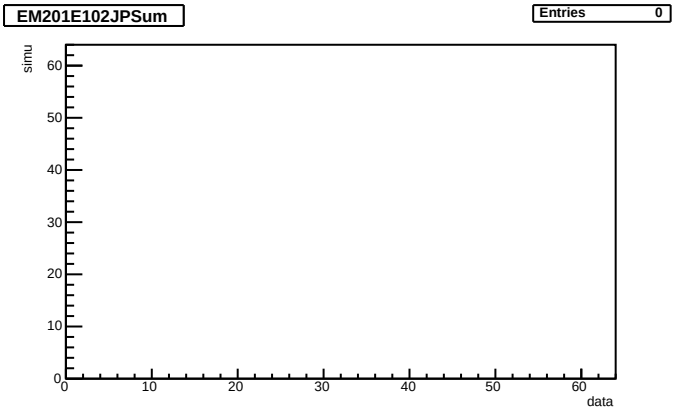

EM201E101Bits
Entries 1.120542e+07
46201
45090
50235
11977
5438
2.19488e+06
2.19599e+06
2.19085e+06
2.22911e+06
2.23565e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

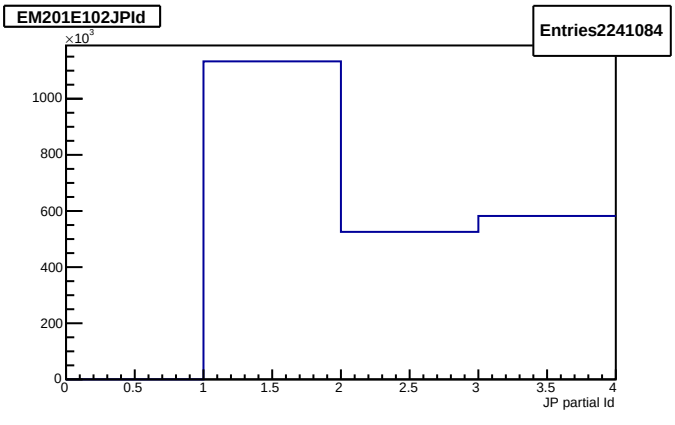

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

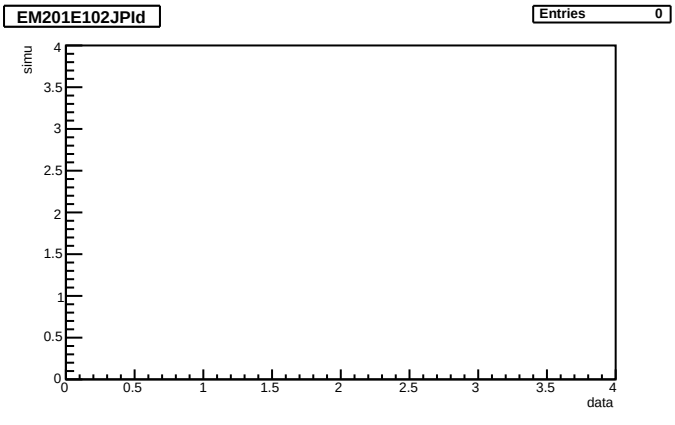

EM201E102JPThBits
Entries2241084
JP th bits

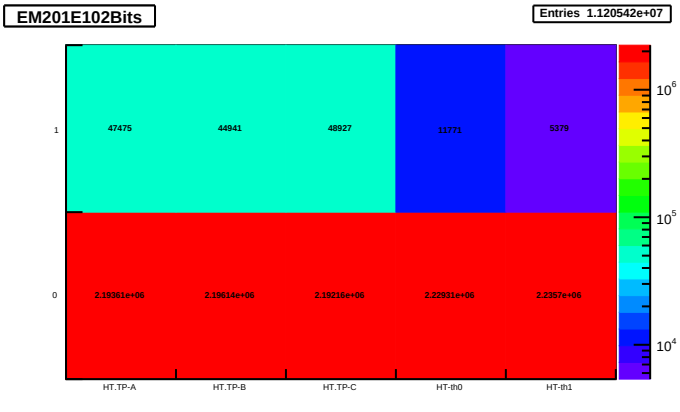

EM201E102JPThBits
Entries 0
simu
data

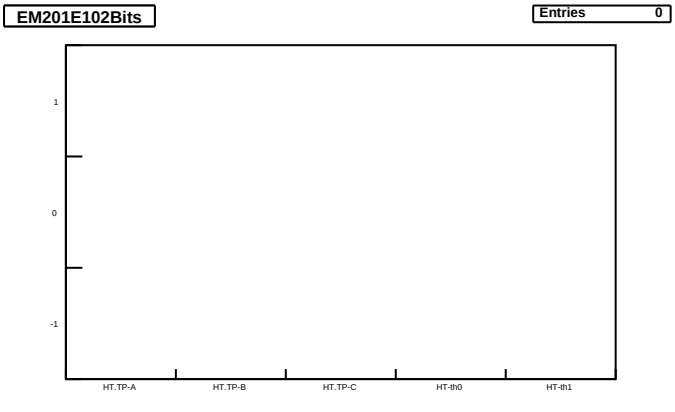

EM201E102JPSum
Entries2241084
JP partial sum

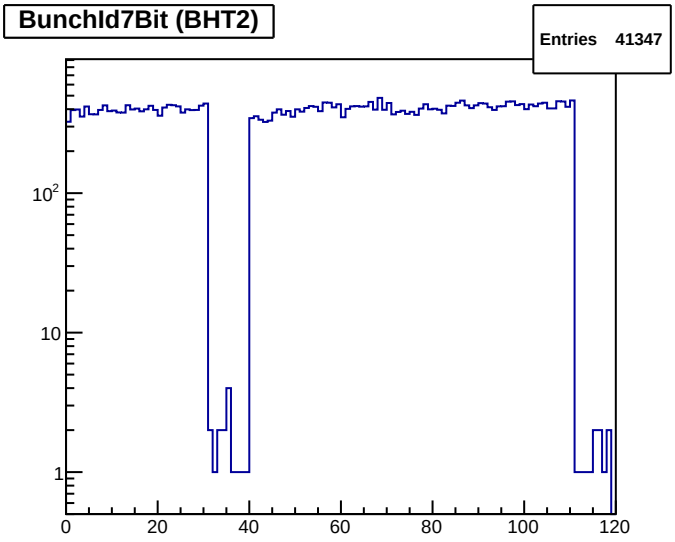

EM201E102JPSum
Entries 0
simu
data

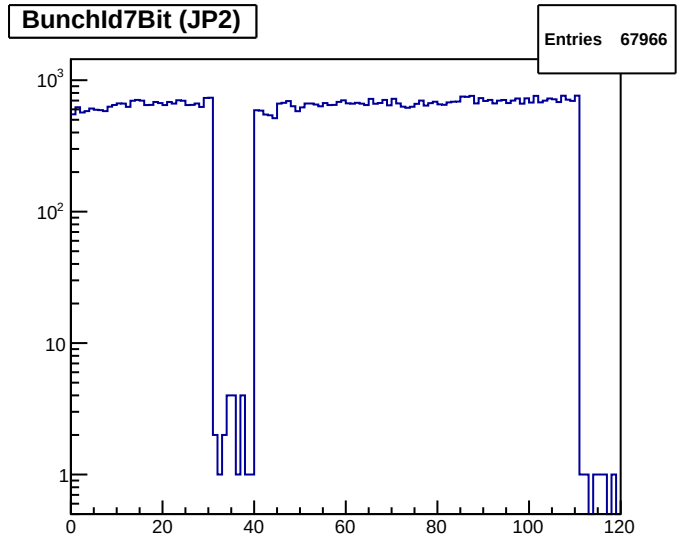

EM201E102JPId
Entries2241084
JP partial Id

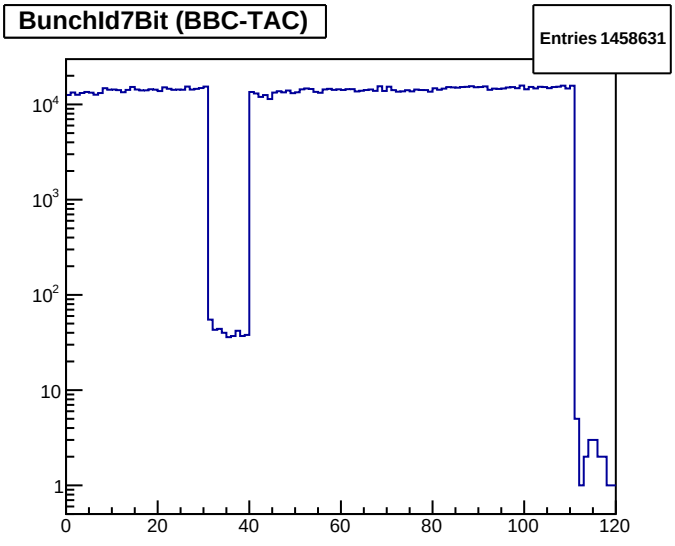

EM201E102JPId
Entries 0
simu
data

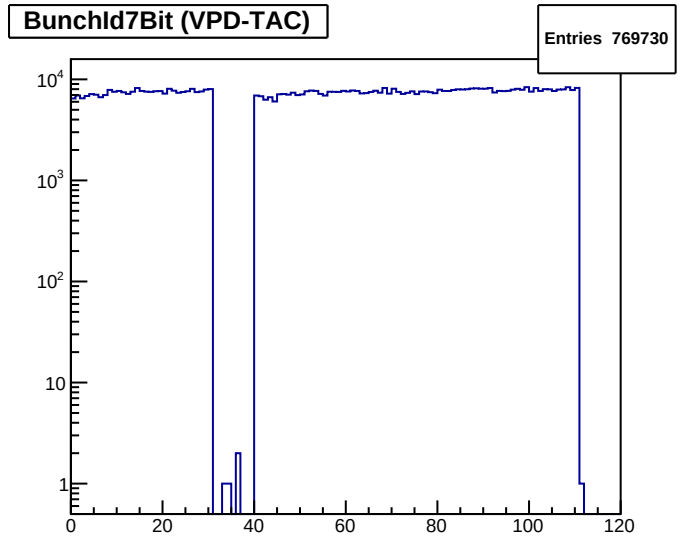

EM201E102Bits
Entries 1.120542e+07
47475
44941
48927
11771
5379
2.19361e+06
2.19614e+06
2.19216e+06
2.22931e+06
2.2357e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

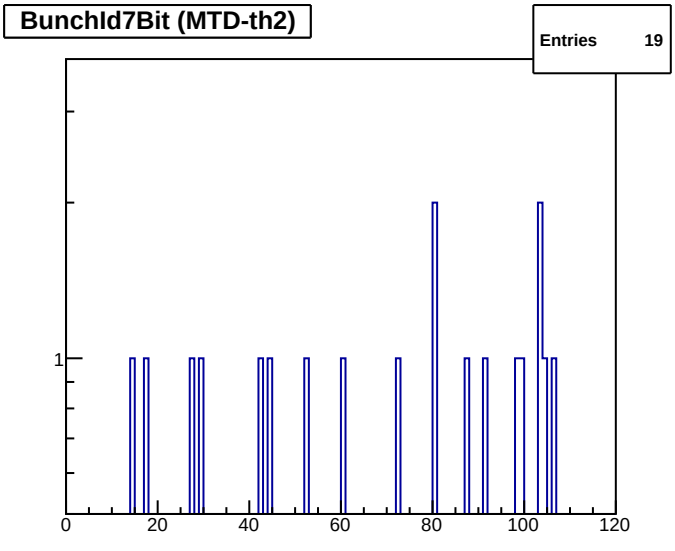

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

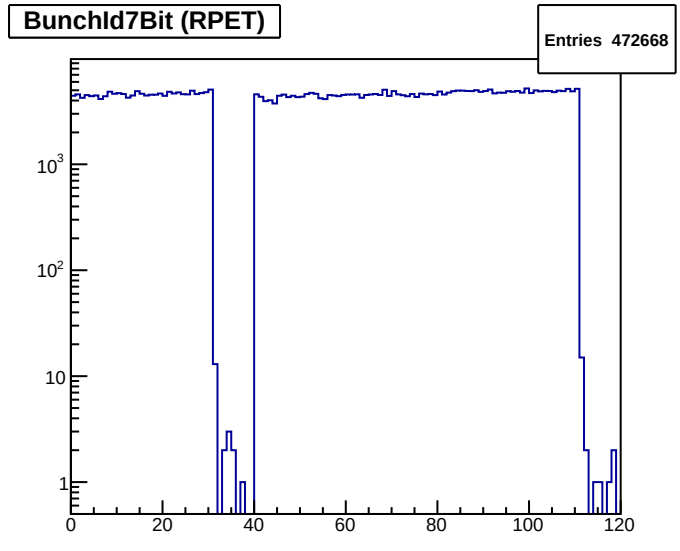

BunchId7Bit (BHT2)
Entries 41347

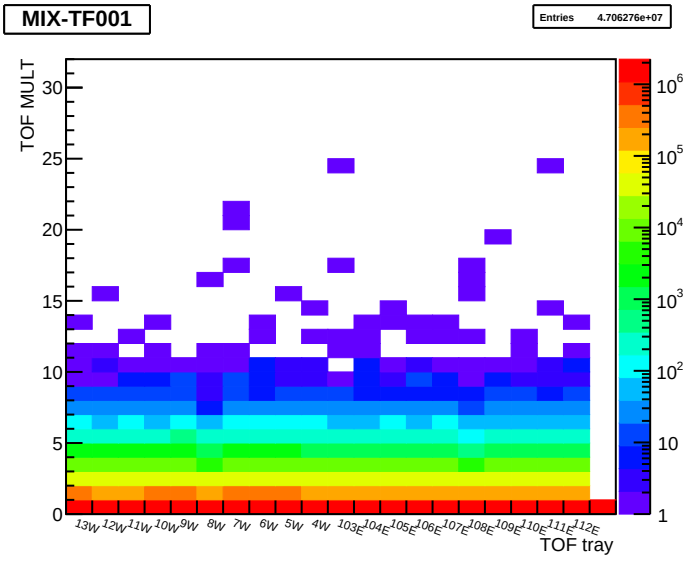

BunchId7Bit (JP2)
Entries 67966

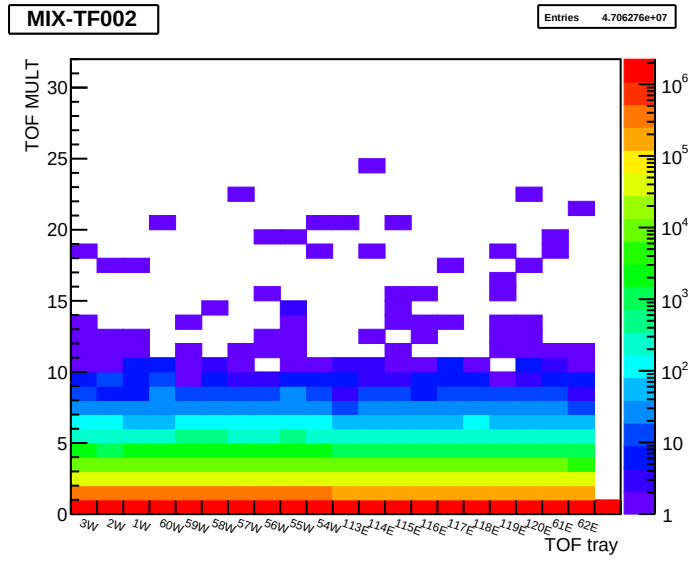

BunchId7Bit (BBC-TAC)
Entries 1458631

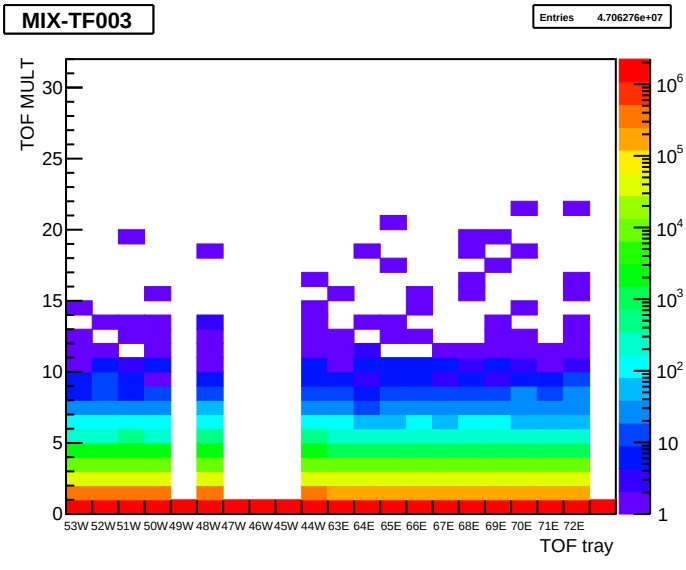

BunchId7Bit (VPD-TAC)
Entries 769730

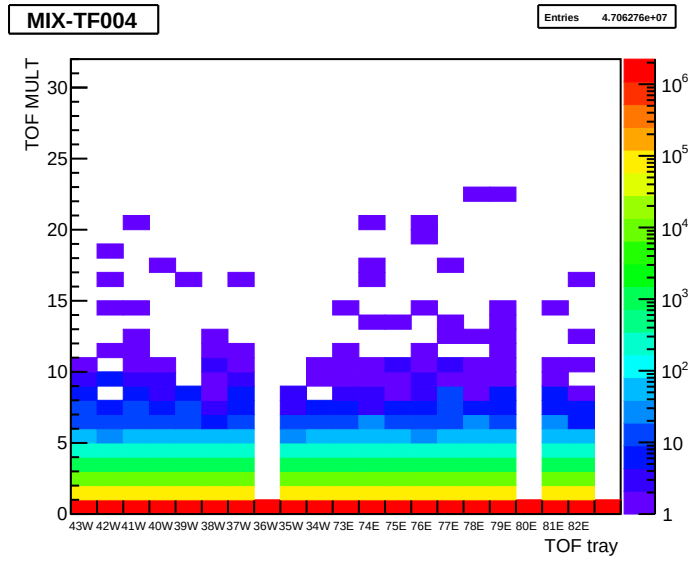

BunchId7Bit (MTD-th2)
Entries 19

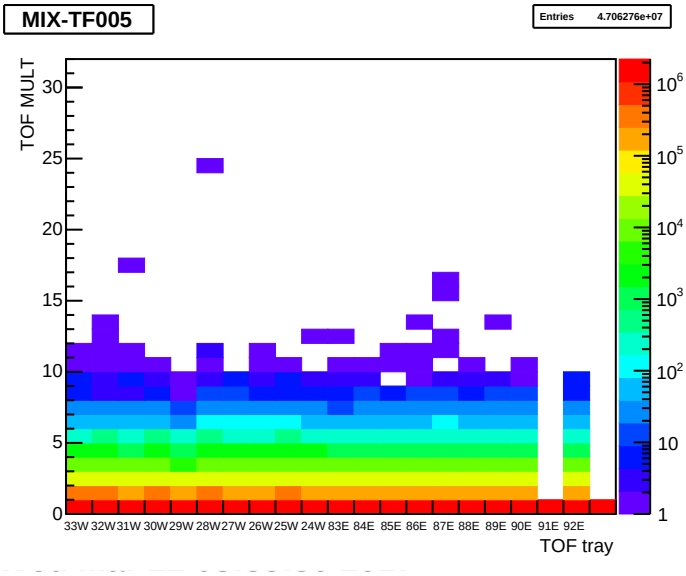

BunchId7Bit (RPET)
Entries 472668

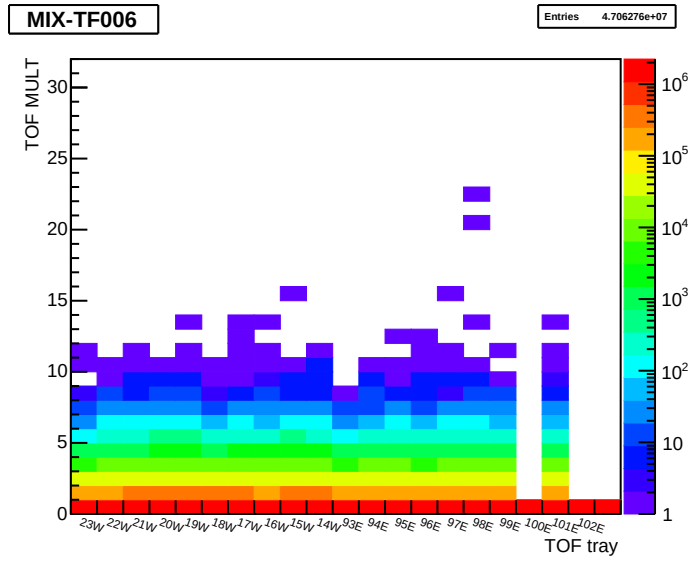

MIX-TF001
Entries 4.706276e+07
TOF MULT
TOF tray

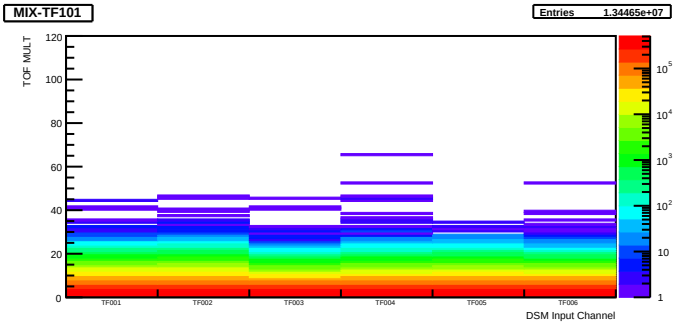

MIX-TF002
Entries 4.706276e+07
TOF MULT
TOF tray

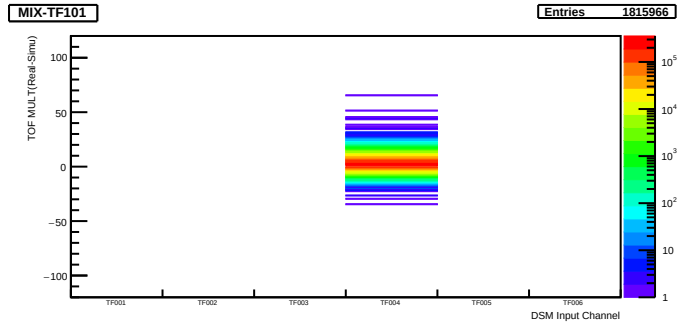

MIX-TF003
Entries 4.706276e+07
TOF MULT
TOF tray

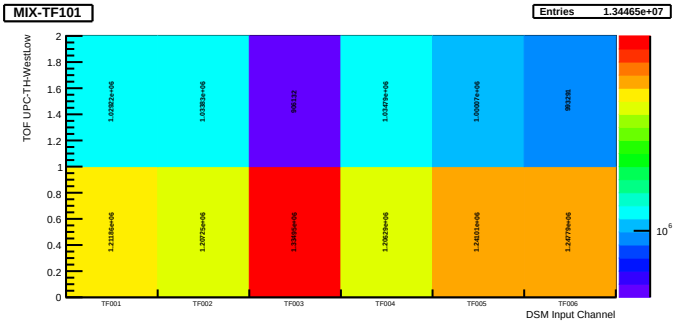

MIX-TF004
Entries 4.706276e+07
TOF MULT
TOF tray

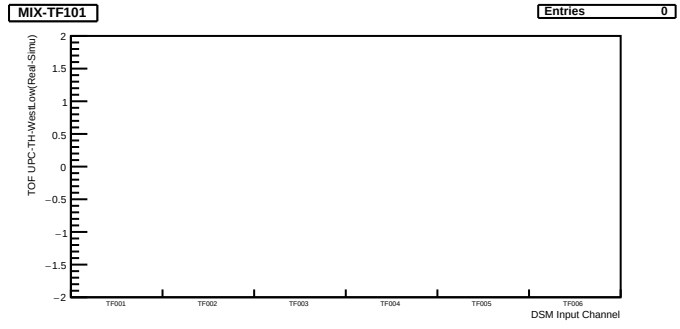

MIX-TF005
Entries 4.706276e+07
TOF MULT
TOF tray

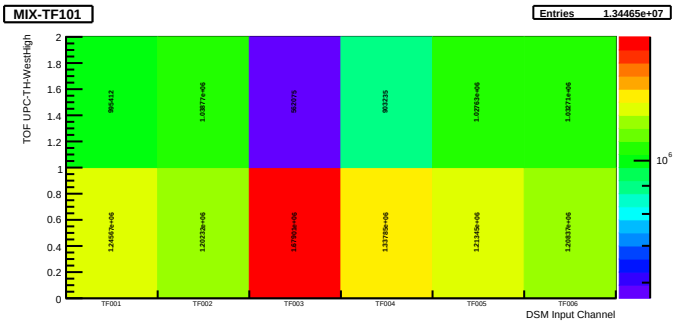

MIX-TF006
Entries 4.706276e+07
TOF MULT
TOF tray

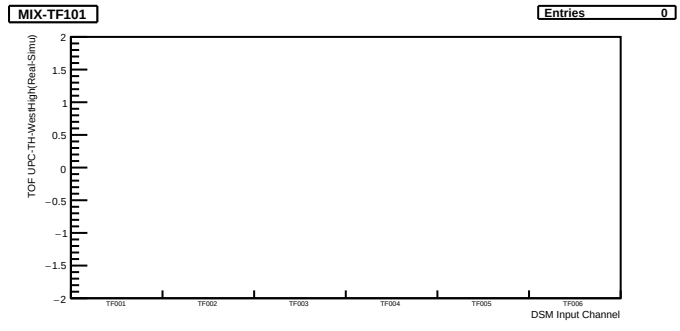

MIX-TF101
Entries 1.34465e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

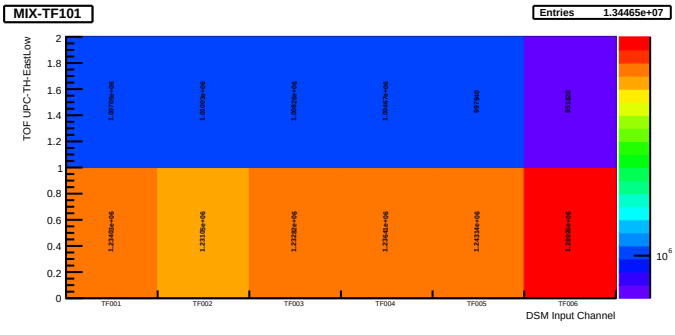

MIX-TF101
Entries 1815966
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

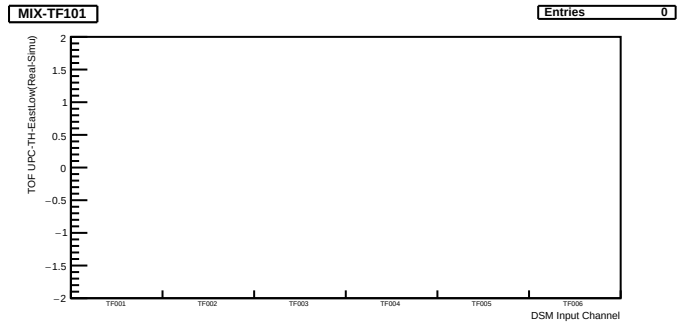

MIX-TF101
Entries 1.34465e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

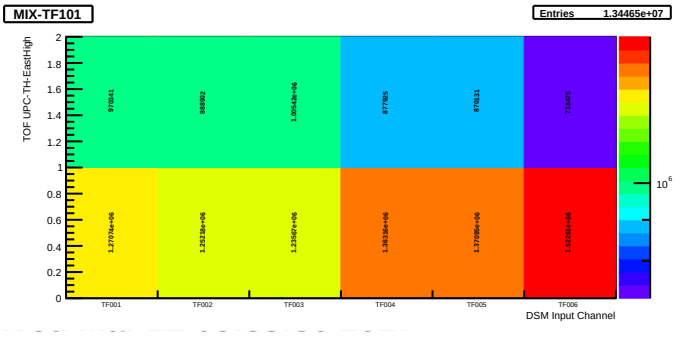

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

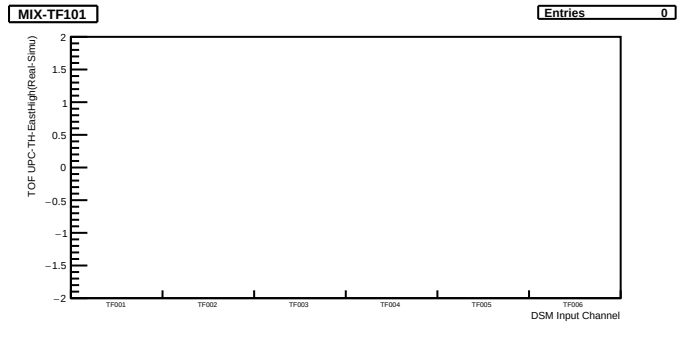

MIX-TF101
Entries 1.34465e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

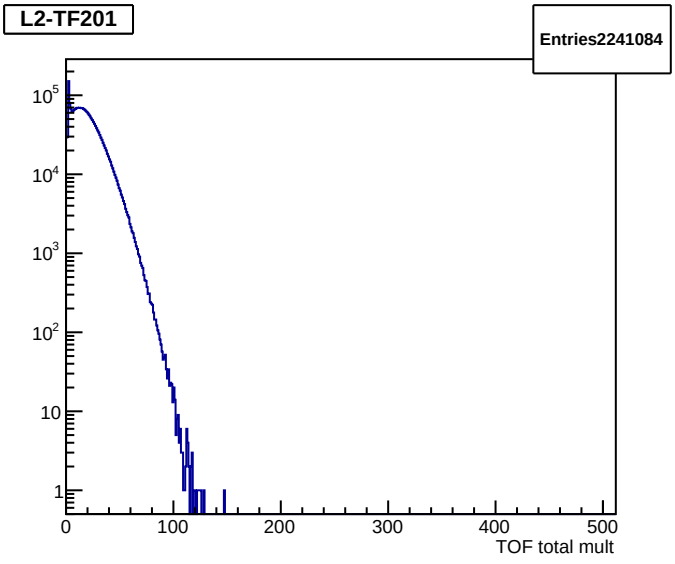

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

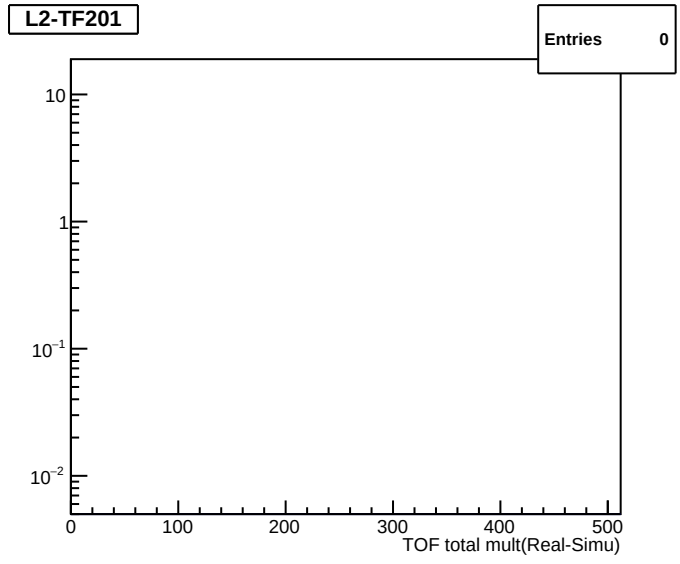

MIX-TF101
Entries 1.34465e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

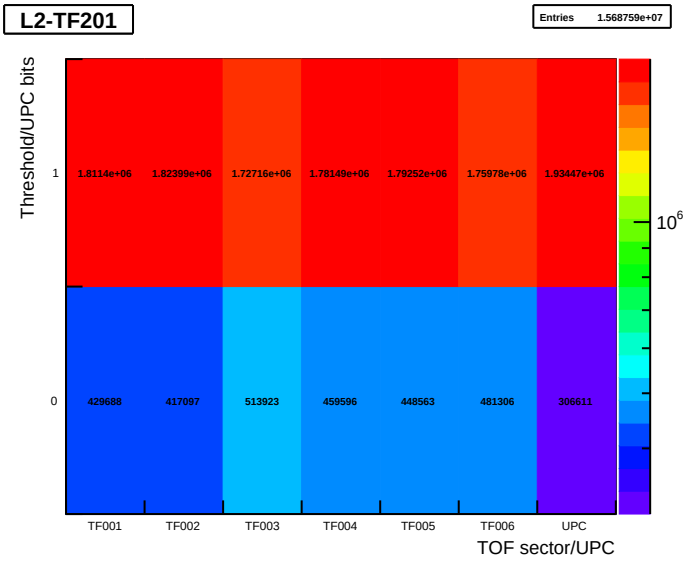

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

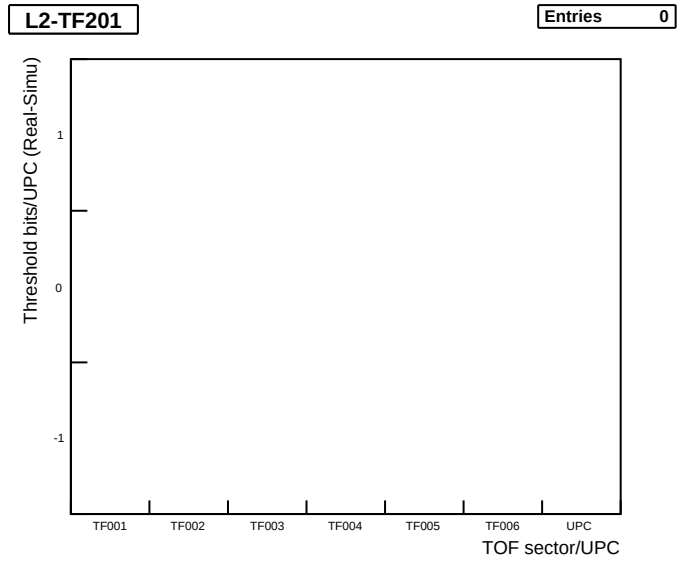

MIX-TF101
Entries 1.34465e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

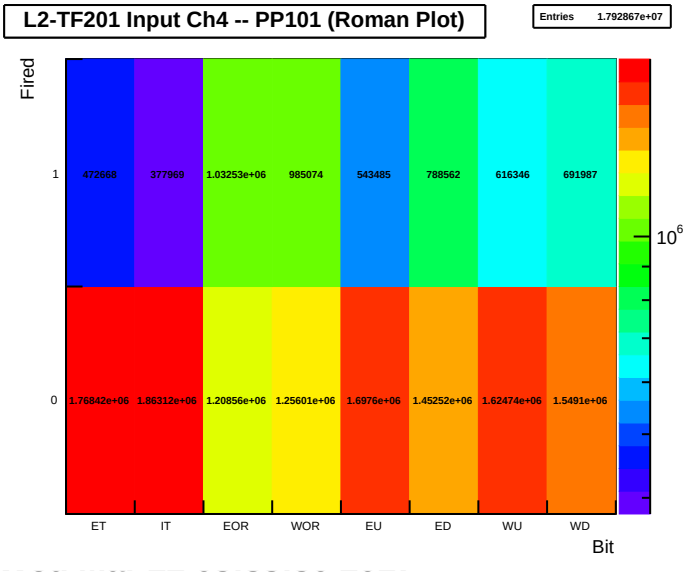

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

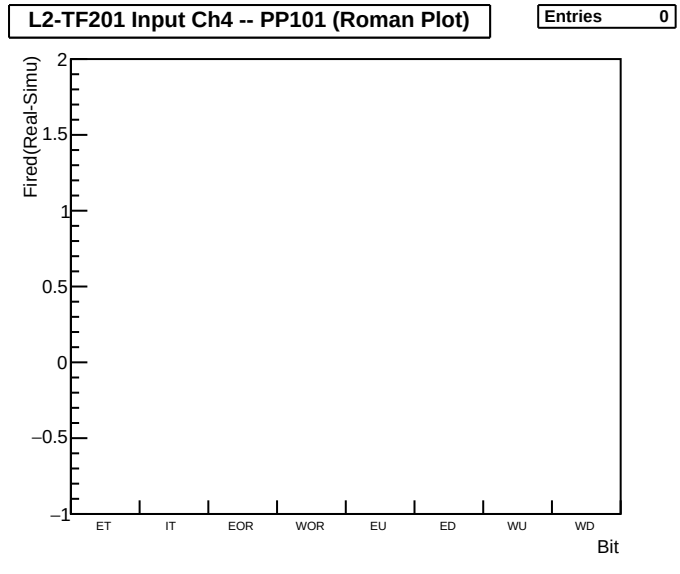

L2-TF201
Entries2241084
TOF total mult

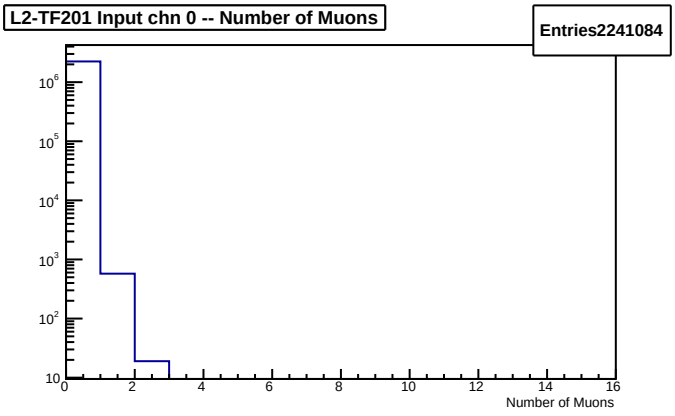

L2-TF201
Entries 0
TOF total mult(Real-Simu)

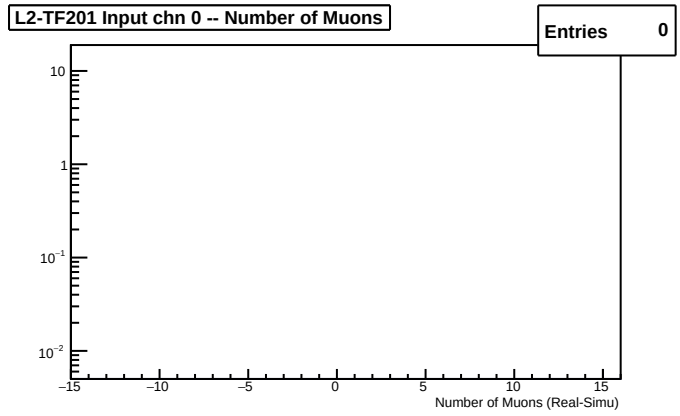

L2-TF201
Entries 1.568759e+07
Threshold/UPC bits
1.8114e+06
1.82399e+06
1.72716e+06
1.78149e+06
1.79252e+06
1.75978e+06
1.93447e+06
429688
417097
513923
459596
448563
481306
306611
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

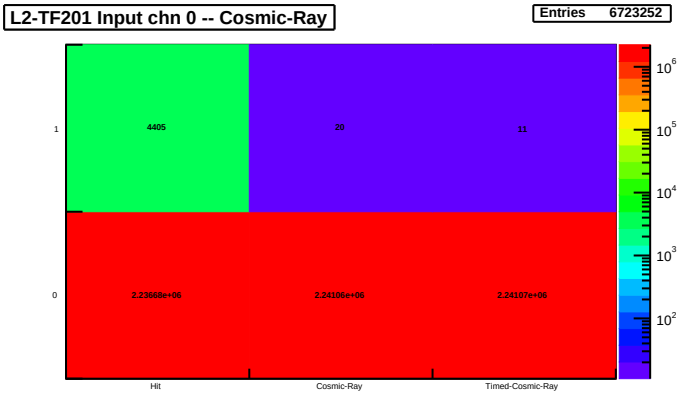

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

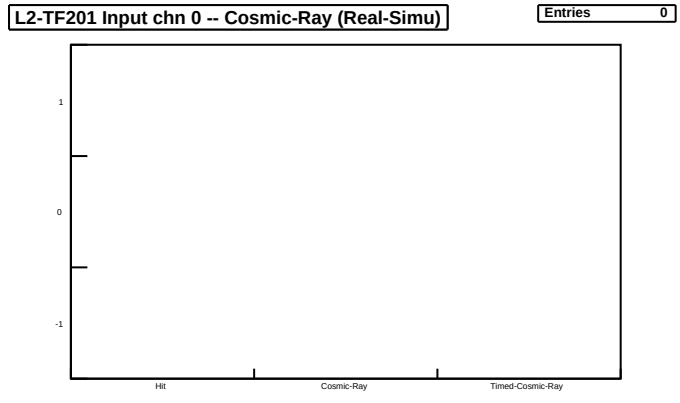

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.792867e+07
Fired
472668
377969
1.03253e+06
985074
543485
788562
616346
691987
1.76842e+06
1.86312e+06
1.20856e+06
1.25601e+06
1.6976e+06
1.45252e+06
1.62474e+06
1.5491e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

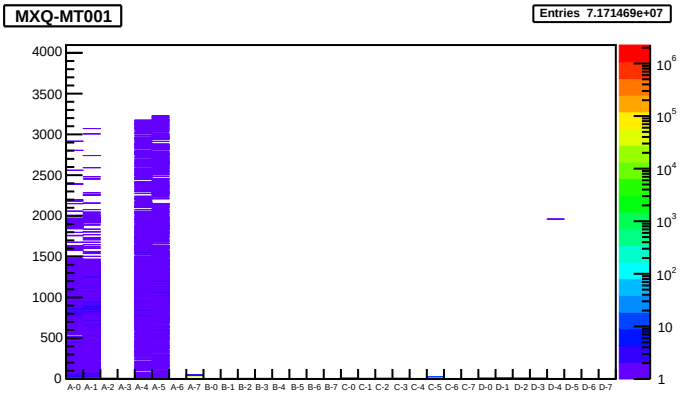

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

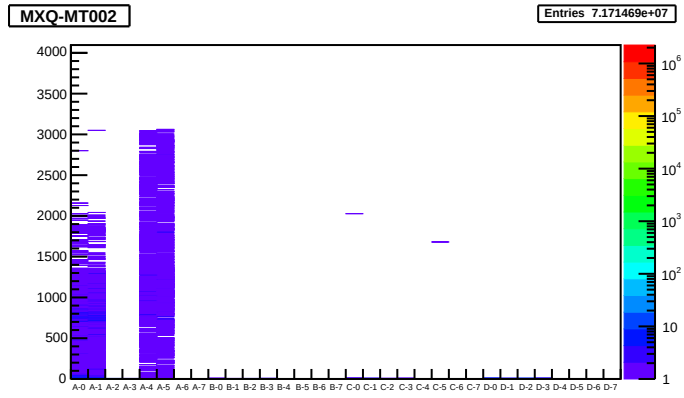

L2-TF201 Input chn 0 -- Number of Muons
Entries2241084
Number of Muons

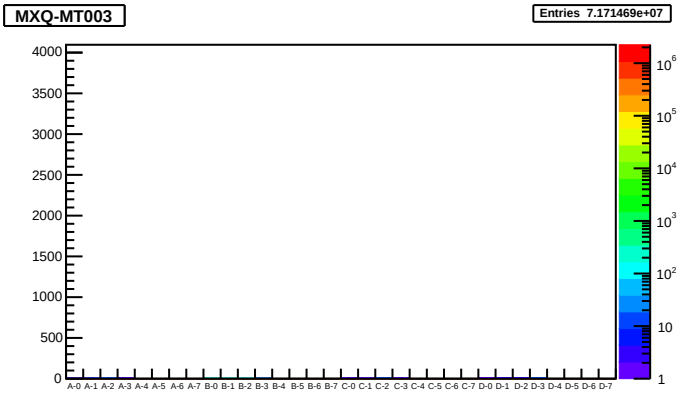

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

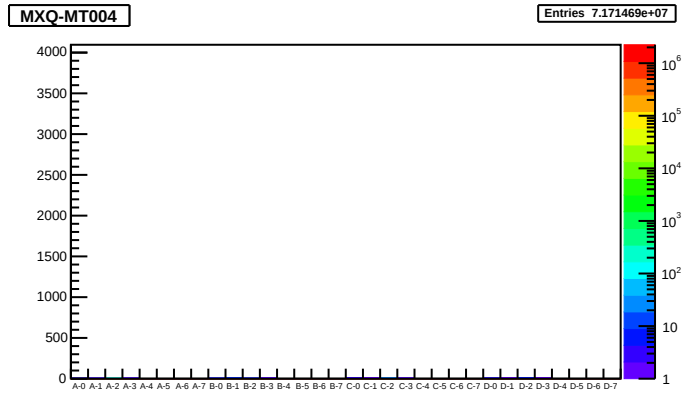

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6723252
4405
20
11
2.23668e+06
2.24106e+06
2.24107e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

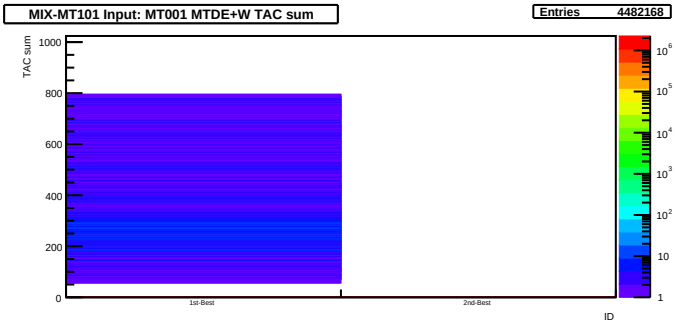

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

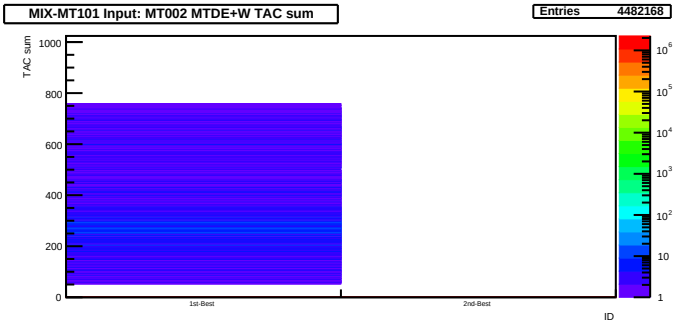

MXQ-MT001
Entries 7.171469e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

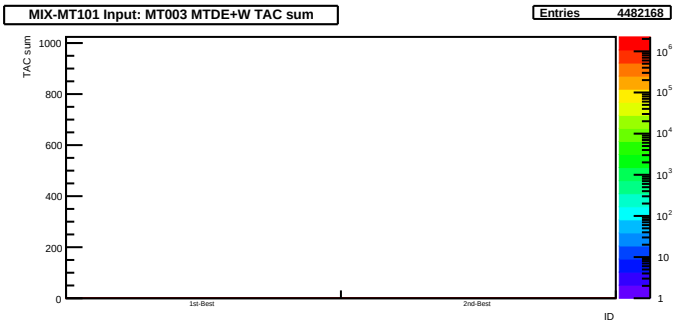

MXQ-MT002
Entries 7.171469e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

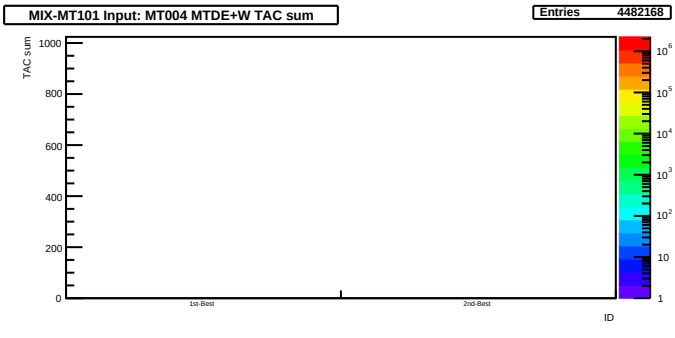

MXQ-MT003
Entries 7.171469e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

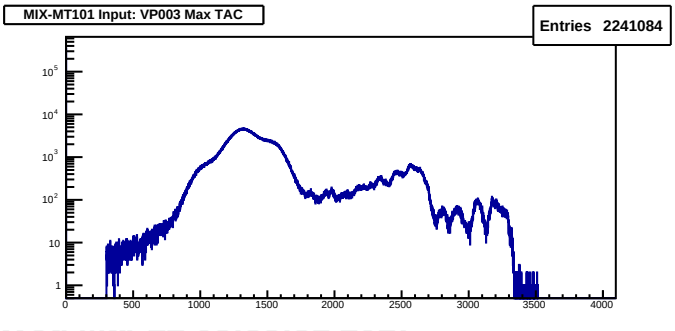

MXQ-MT004
Entries 7.171469e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

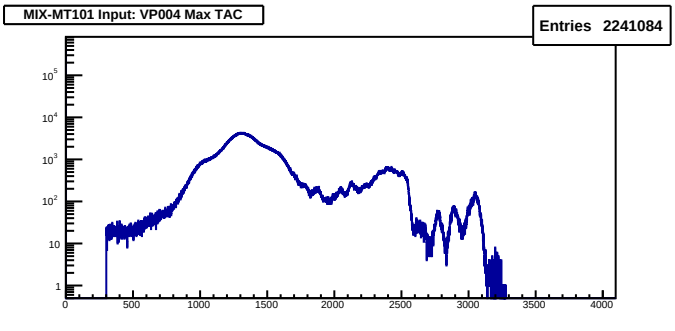

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4482168
TAC sum
1st-Best
2nd-Best
ID

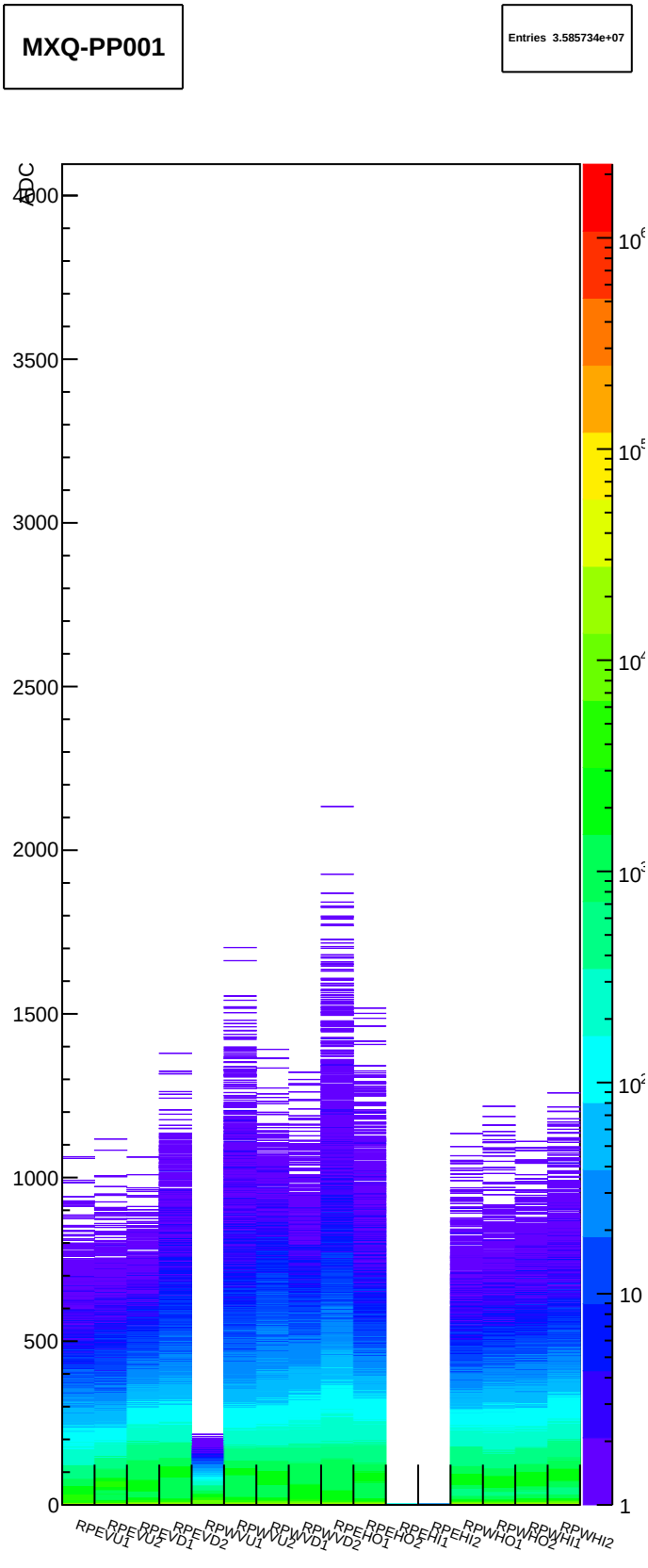

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4482168
TAC sum
1st-Best
2nd-Best
ID

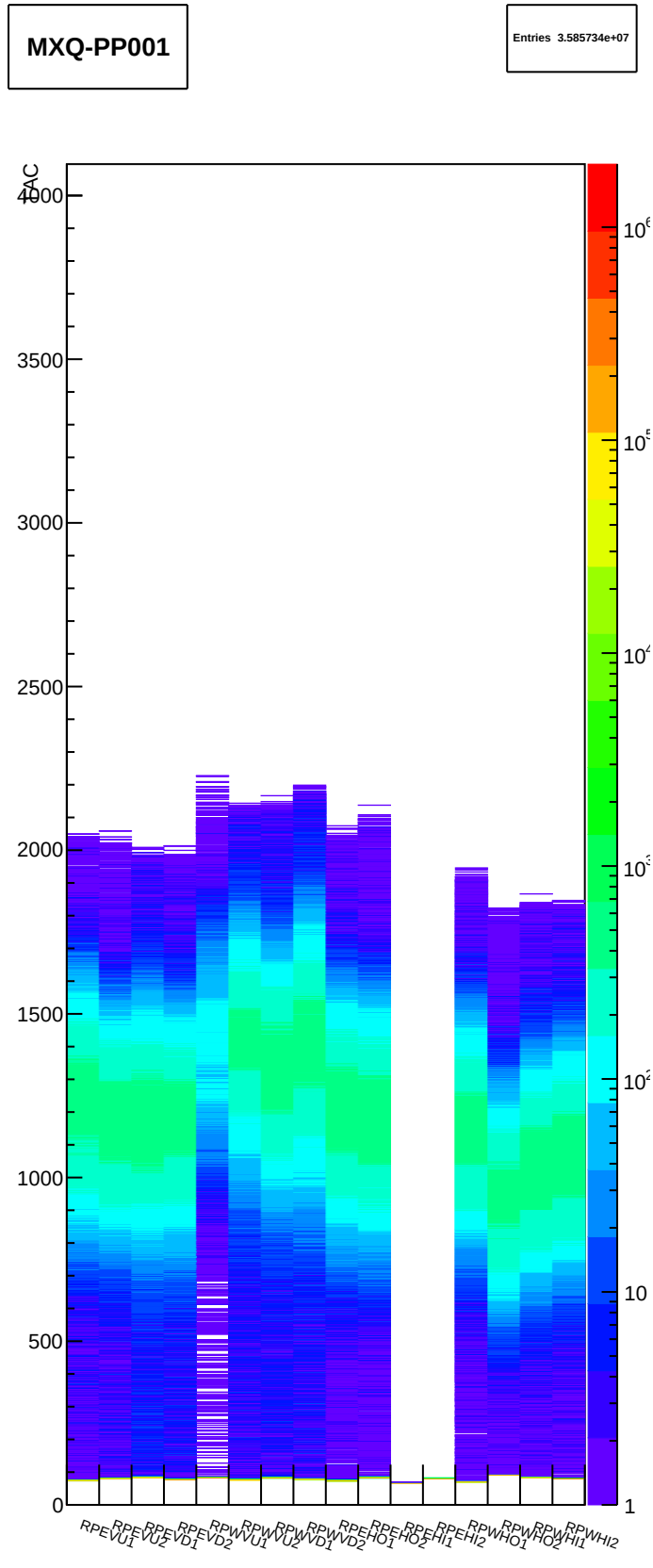

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4482168
TAC sum
1st-Best
2nd-Best
ID

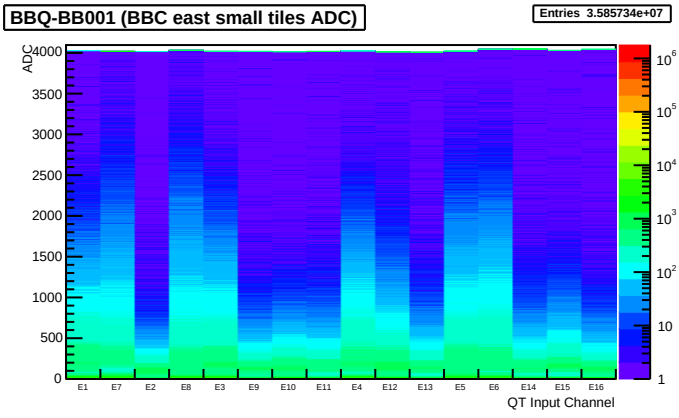

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4482168
TAC sum
1st-Best
2nd-Best
ID

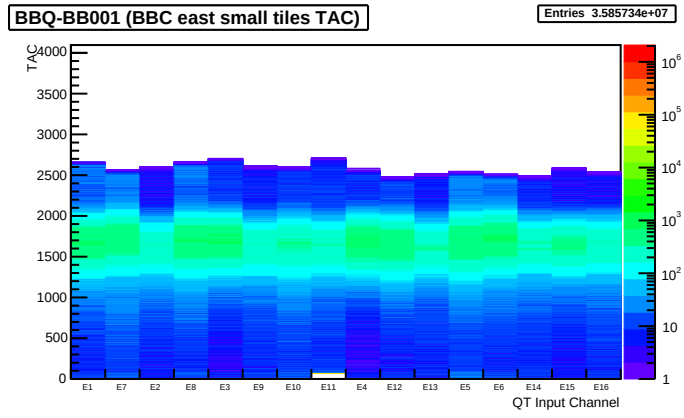

MIX-MT101 Input: VP003 Max TAC
Entries 2241084

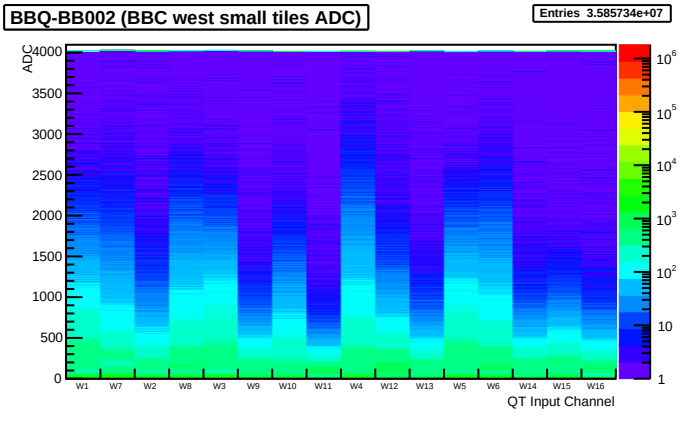

MIX-MT101 Input: VP004 Max TAC
Entries 2241084

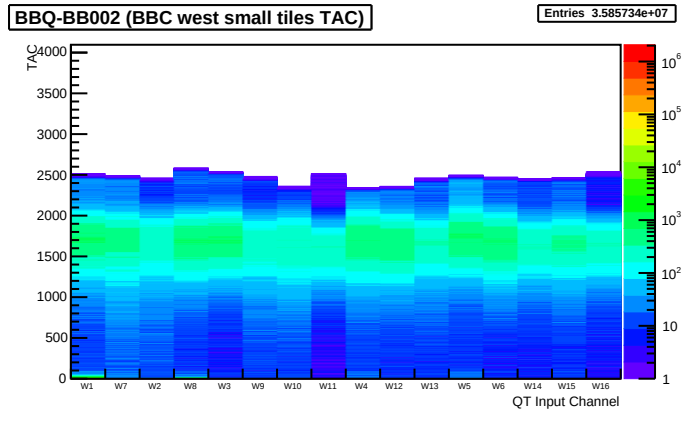

MXQ-PP001
Entries 3.585734e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

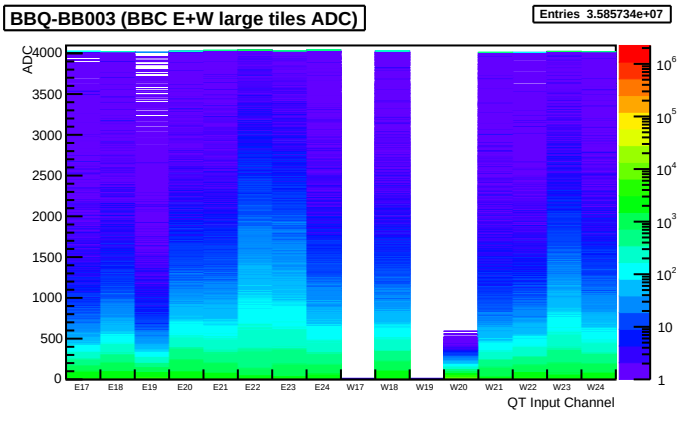

MXQ-PP001
Entries 3.585734e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

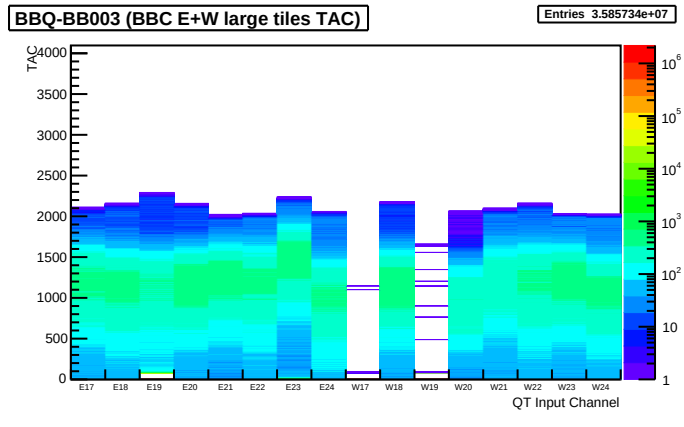

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.585734e+07
ADC
QT Input Channel

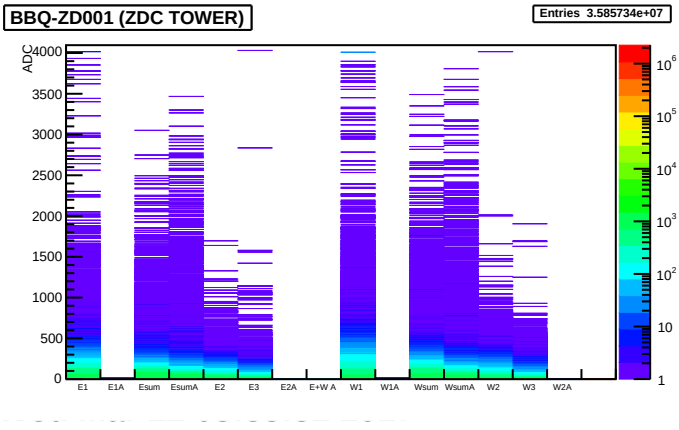

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.585734e+07
TAC
QT Input Channel

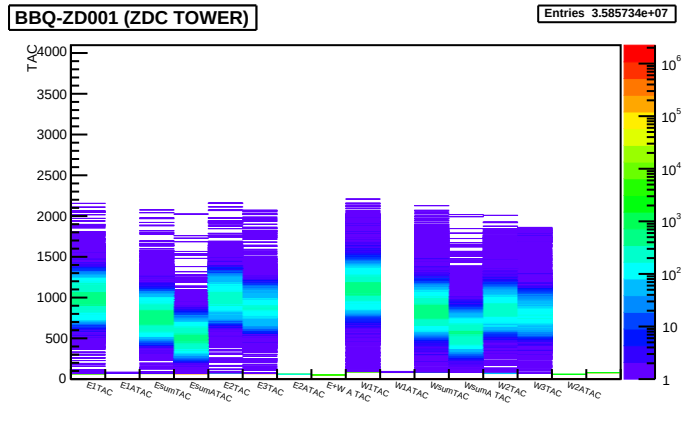

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.585734e+07
ADC
QT Input Channel

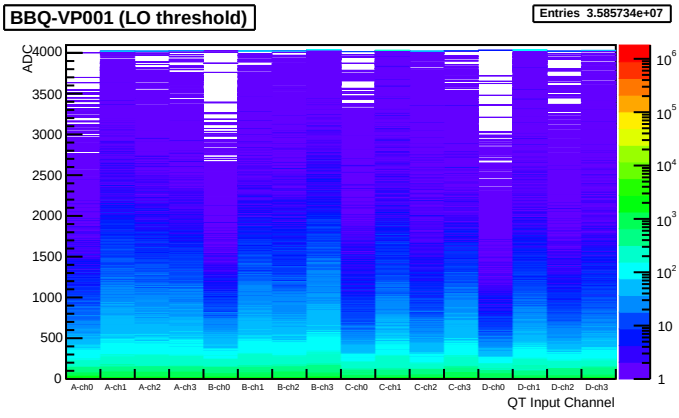

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.585734e+07
TAC
QT Input Channel

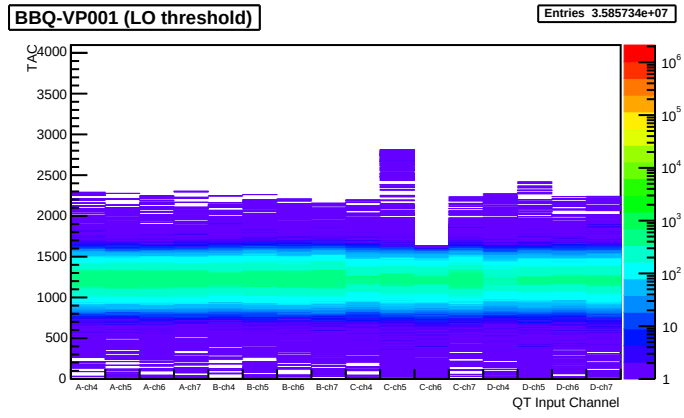

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.585734e+07
ADC
QT Input Channel

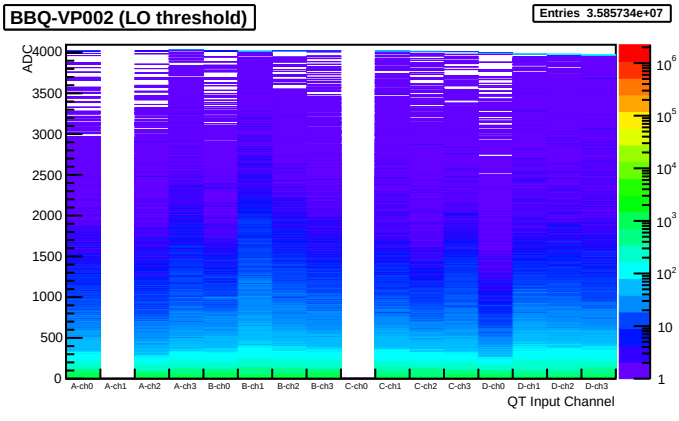

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.585734e+07
TAC
QT Input Channel

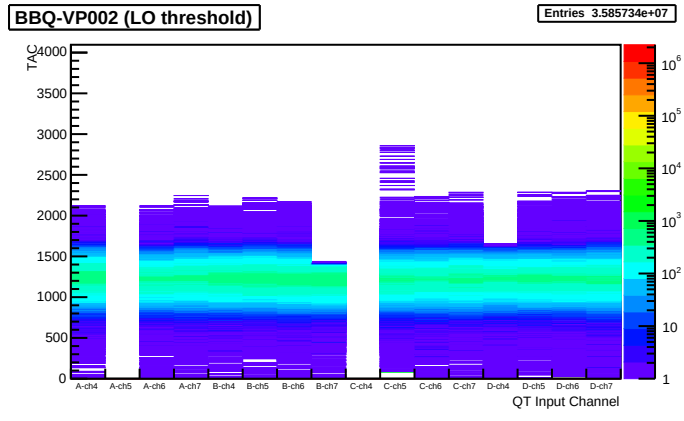

BBQ-ZD001 (ZDC TOWER)
Entries 3.585734e+07
ADC

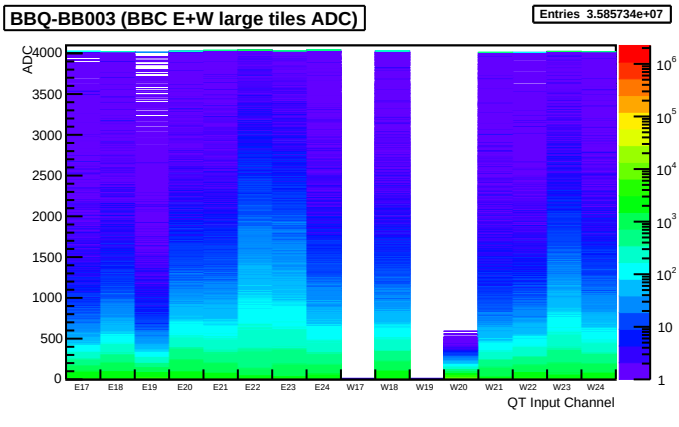

BBQ-ZD001 (ZDC TOWER)
Entries 3.585734e+07
TAC

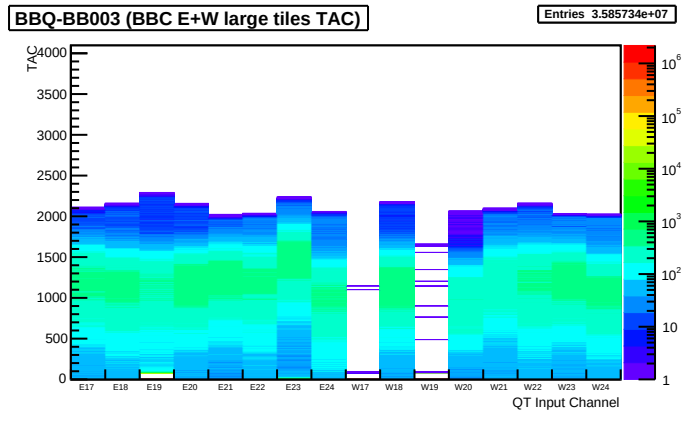

BBQ-VP001 (LO threshold)
Entries 3.585734e+07
ADC
QT Input Channel

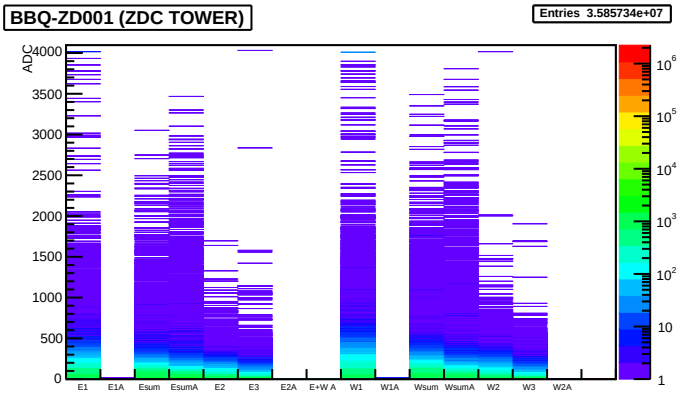

BBQ-VP001 (LO threshold)
Entries 3.585734e+07
TAC
QT Input Channel

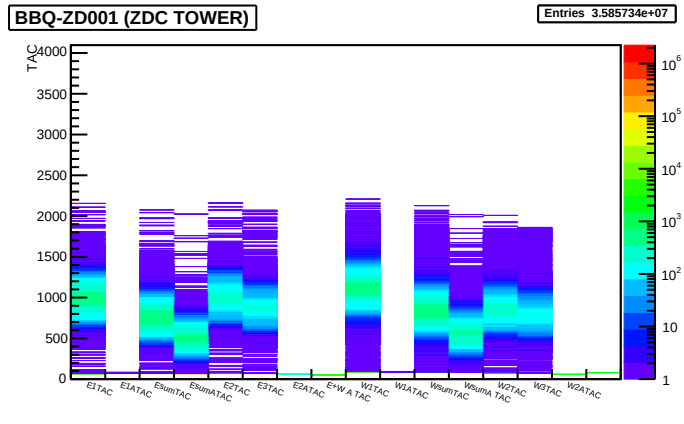

BBQ-VP002 (LO threshold)
Entries 3.585734e+07
ADC
QT Input Channel

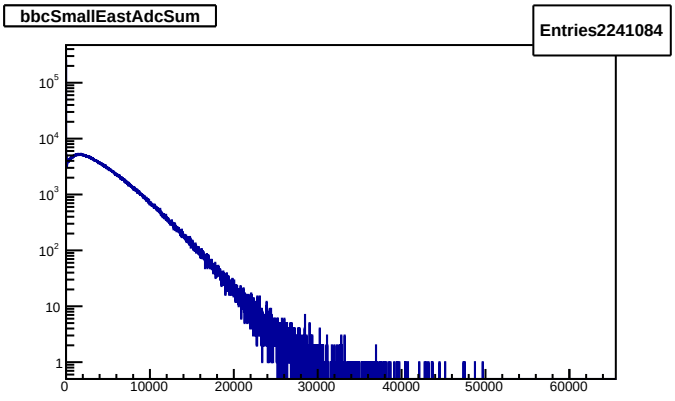

BBQ-VP002 (LO threshold)
Entries 3.585734e+07
TAC
QT Input Channel

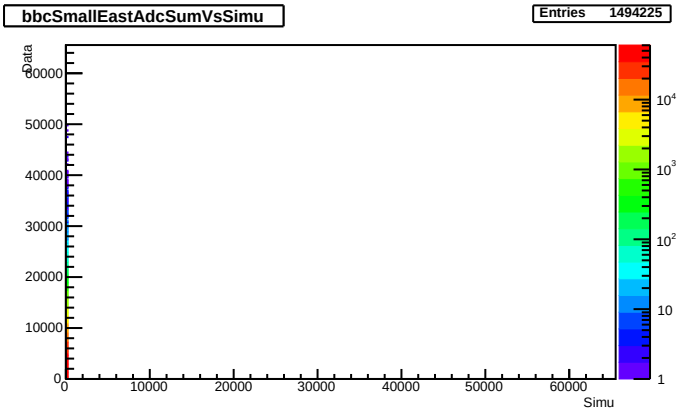

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.585734e+07
ADC
QT Input Channel

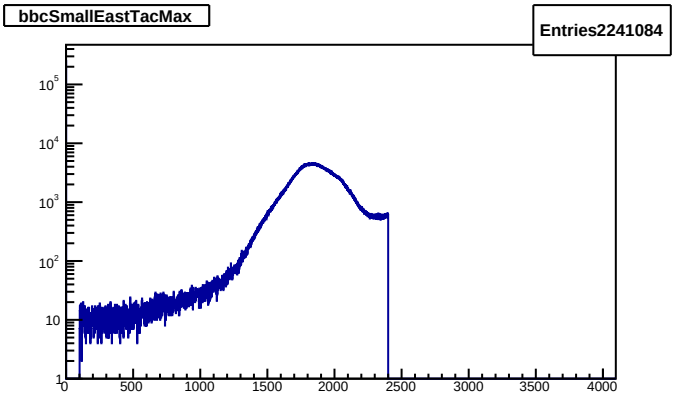

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.585734e+07
TAC
QT Input Channel

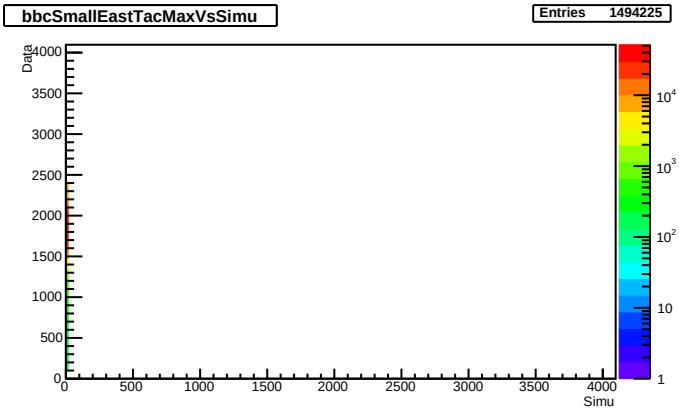

BBQ-ZD001 (ZDC TOWER)
Entries 3.585734e+07
ADC

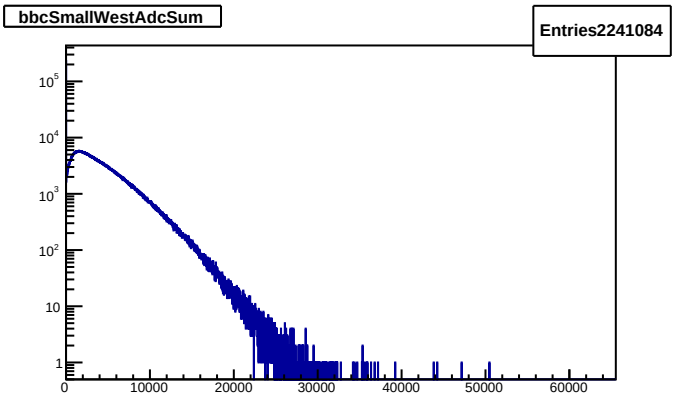

BBQ-ZD001 (ZDC TOWER)
Entries 3.585734e+07
TAC

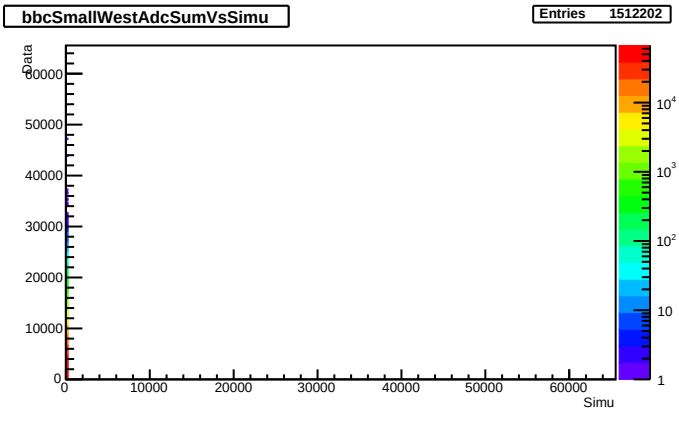

bbcSmallEastAdcSum
Entries2241084

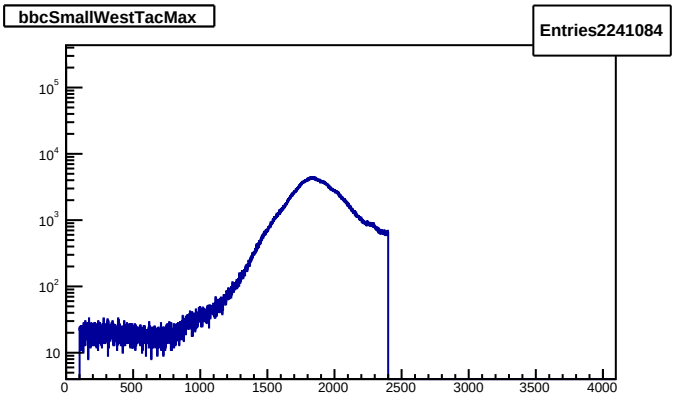

bbcSmallEastAdcSumVsSimu
Entries 1494225
Data
Simu

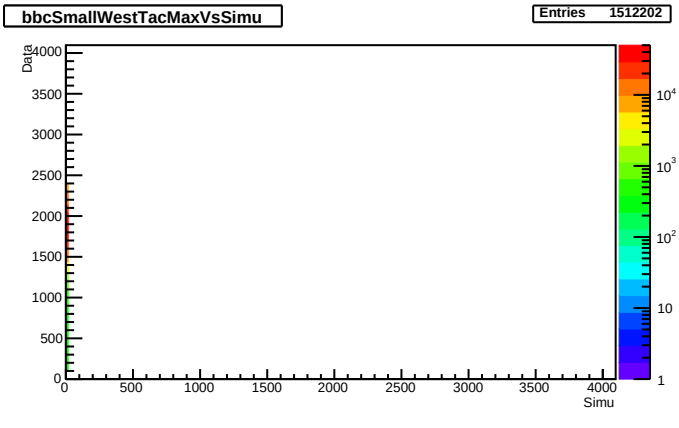

bbcSmallEastTacMax
Entries2241084

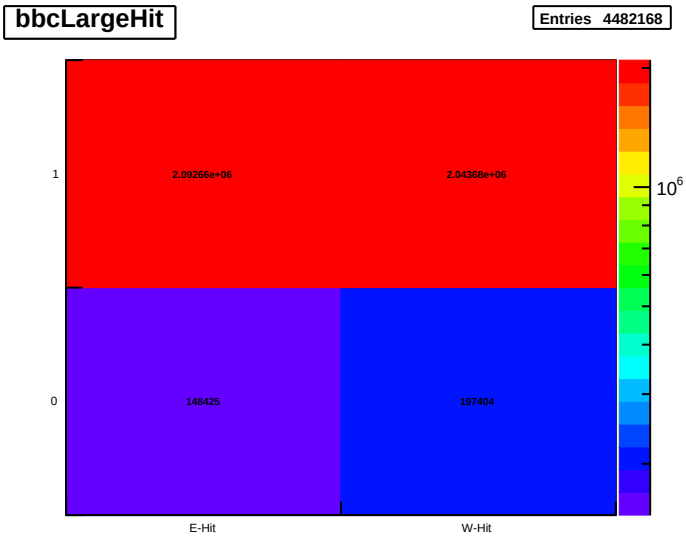

bbcSmallEastTacMaxVsSimu
Entries 1494225
Data
Simu

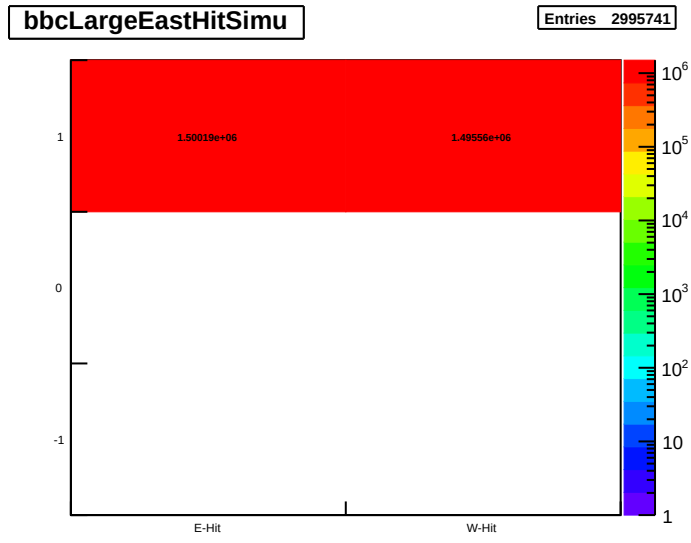

bbcSmallWestAdcSum
Entries2241084

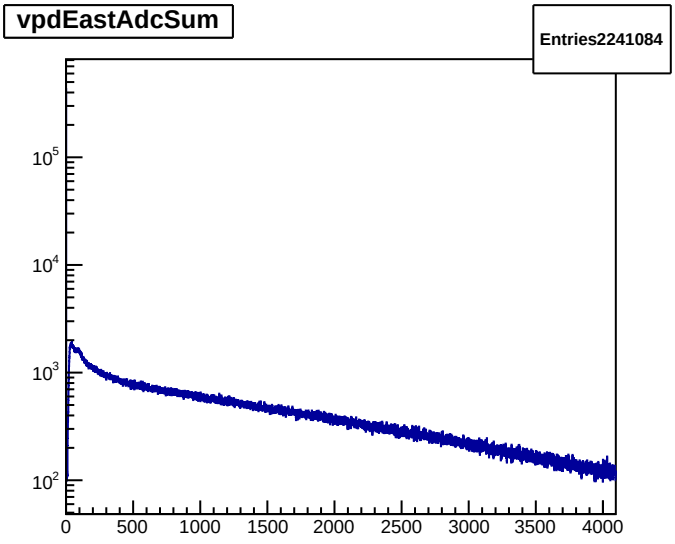

bbcSmallWestAdcSumVsSimu
Entries 1512202
Data
Simu

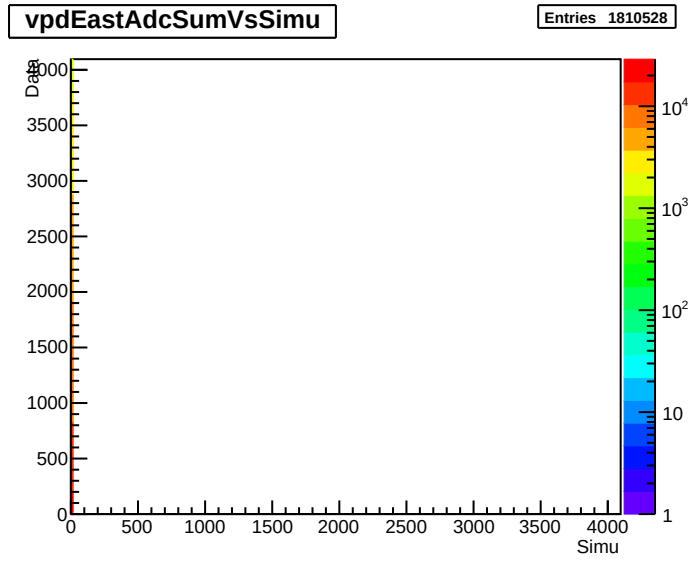

bbcSmallWestTacMax
Entries2241084

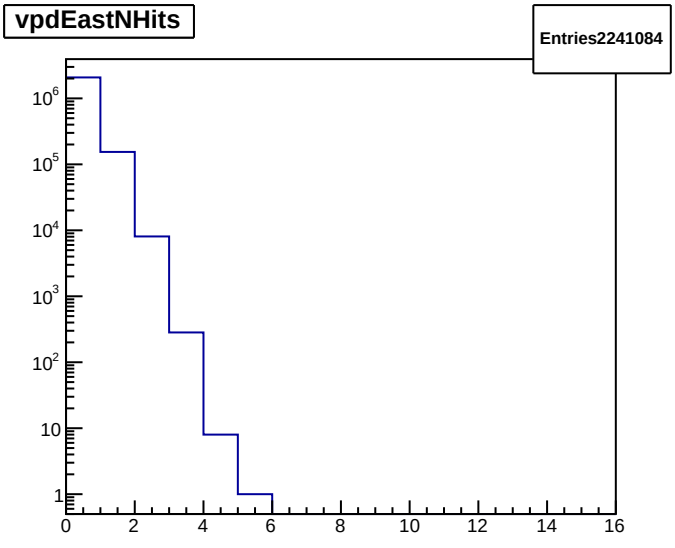

bbcSmallWestTacMaxVsSimu
Entries 1512202
Data
Simu

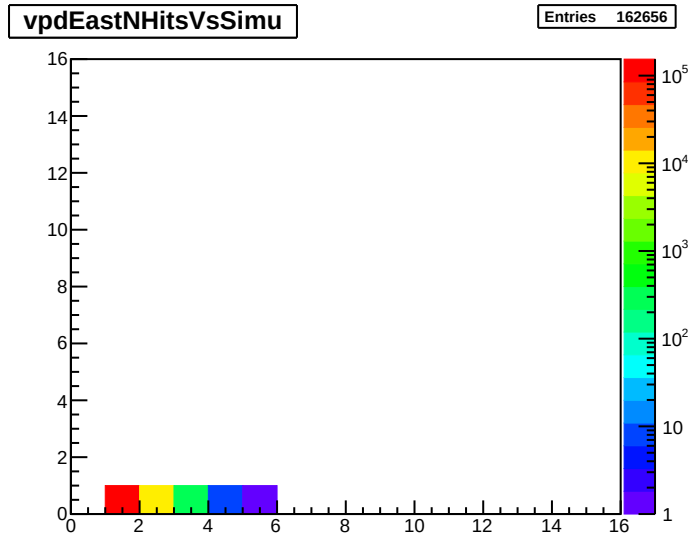

bbcLargeHit
Entries 4482168
1
0
2.09266e+06
2.04368e+06
148425
197404
E-Hit
W-Hit
10^6

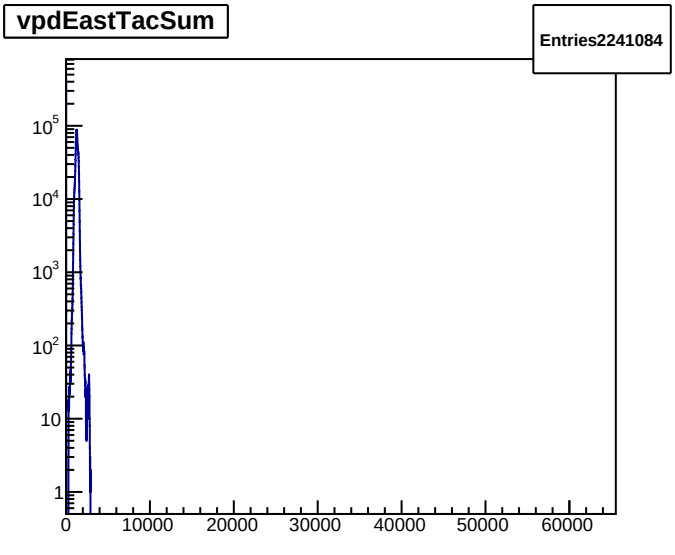

bbcLargeEastHitSimu
Entries 2995741
1
0
-1
1.50019e+06
1.49556e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

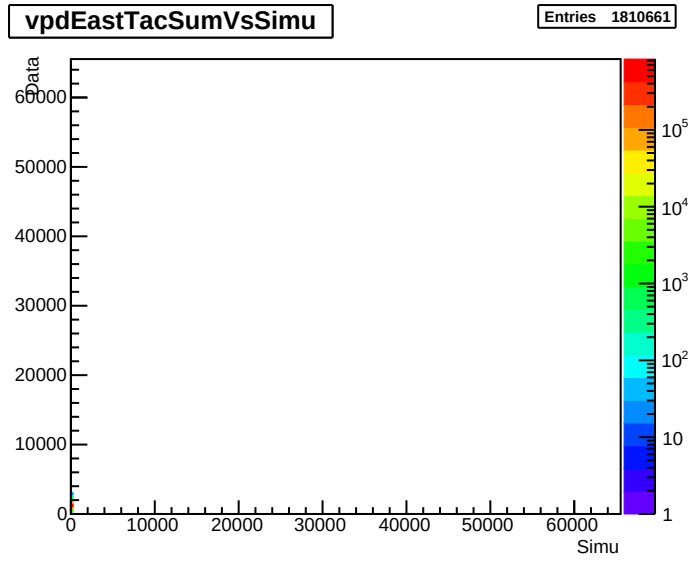

vpdEastAdcSum
Entries2241084

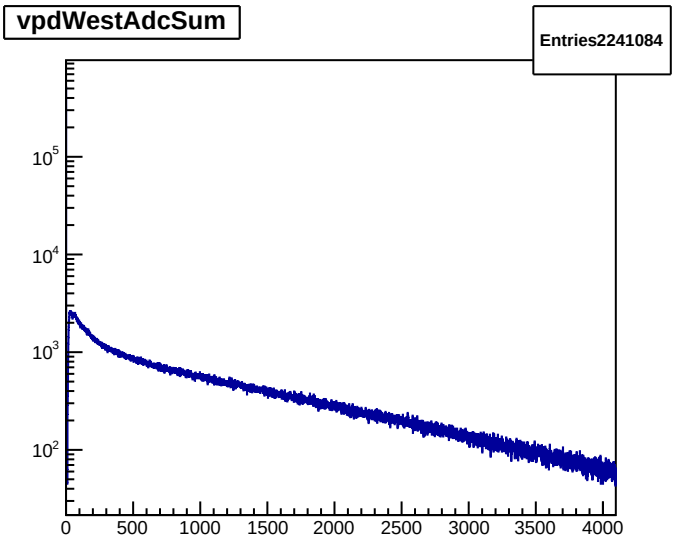

vpdEastAdcSumVsSimu
Entries 1810528
Data
Simu

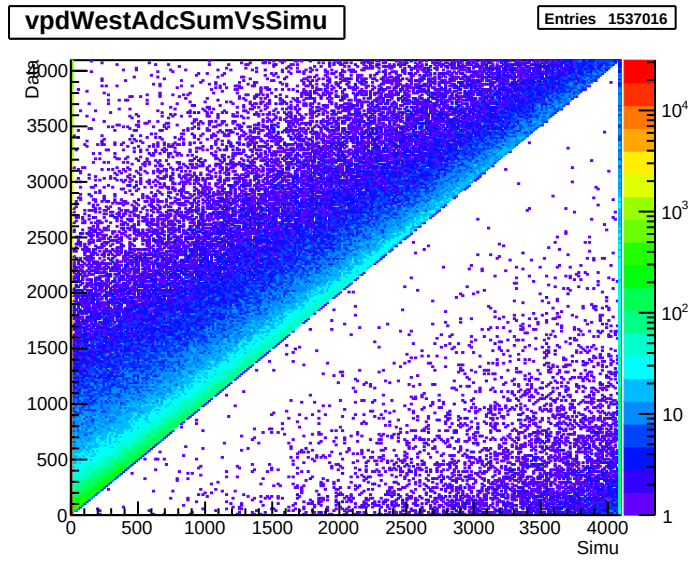

vpdEastNHits
Entries2241084

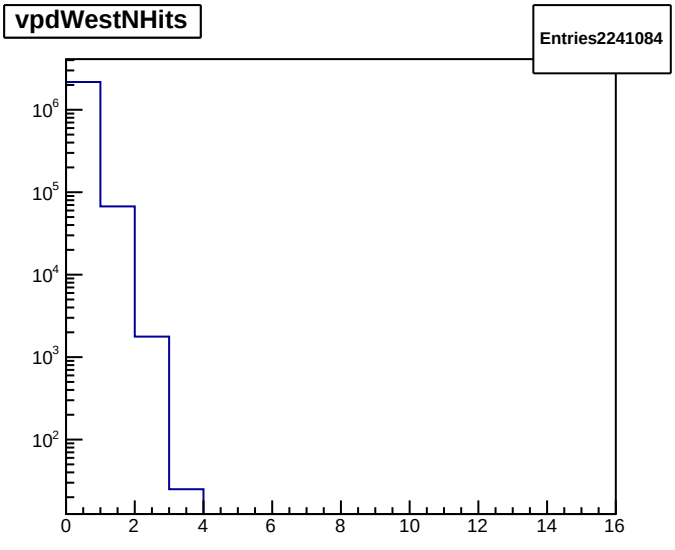

vpdEastNHitsVsSimu
Entries 162656

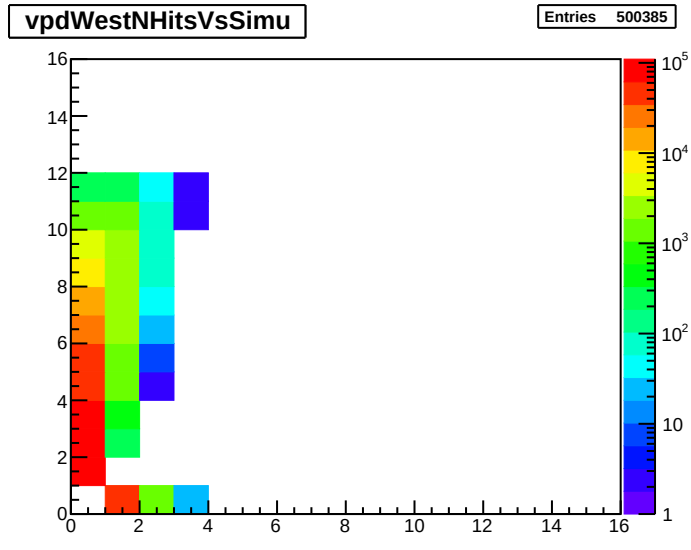

vpdEastTacSum
Entries2241084

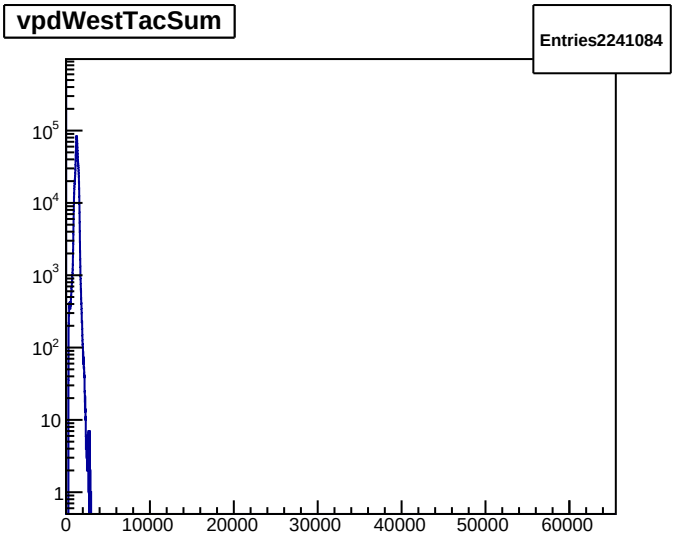

vpdEastTacSumVsSimu
Entries 1810661
Data
Simu

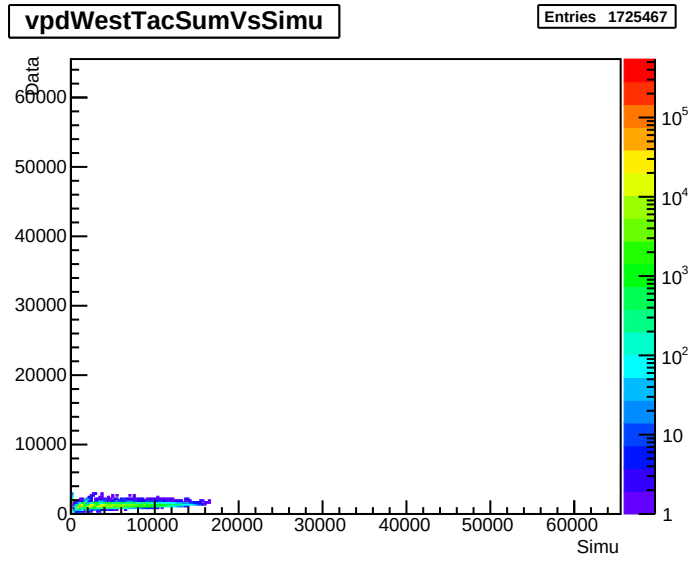

vpdWestAdcSum
Entries2241084

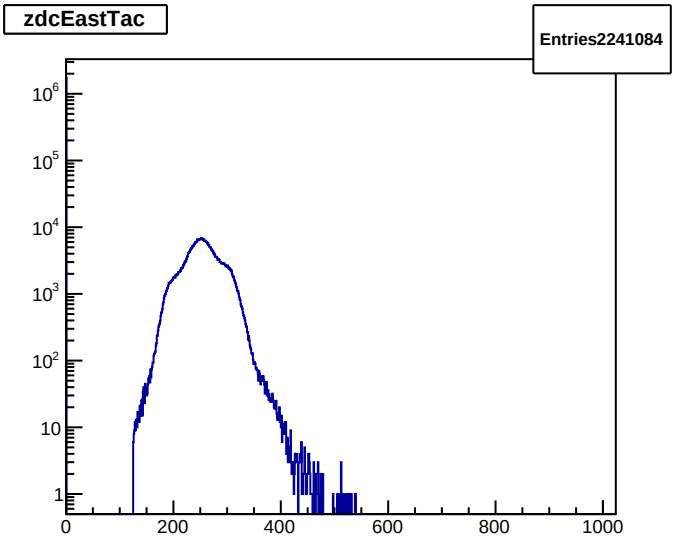

vpdWestAdcSumVsSimu
Entries 1537016
Data
Simu

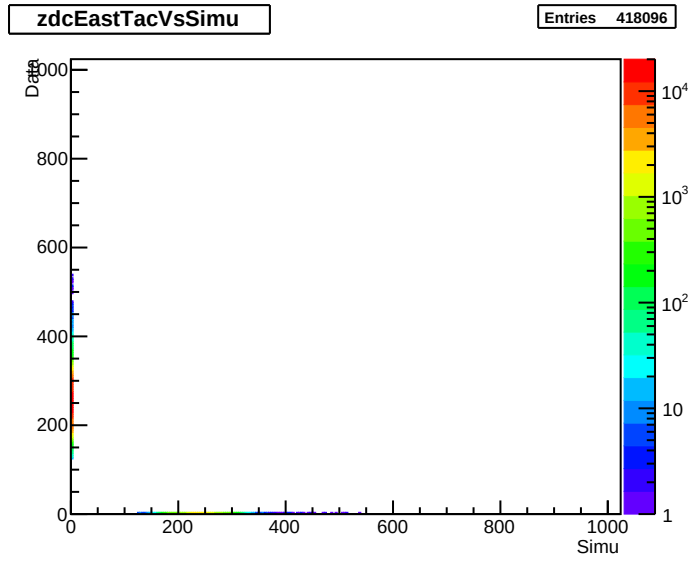

vpdWestNHits
Entries2241084

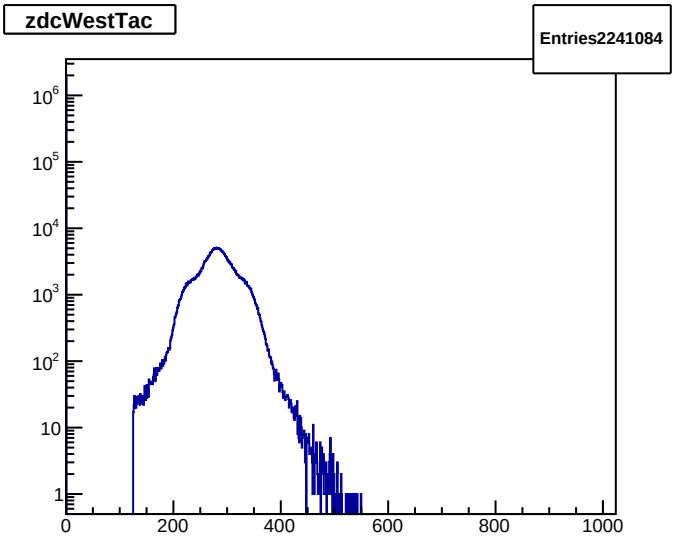

vpdWestNHitsVsSimu
Entries 500385

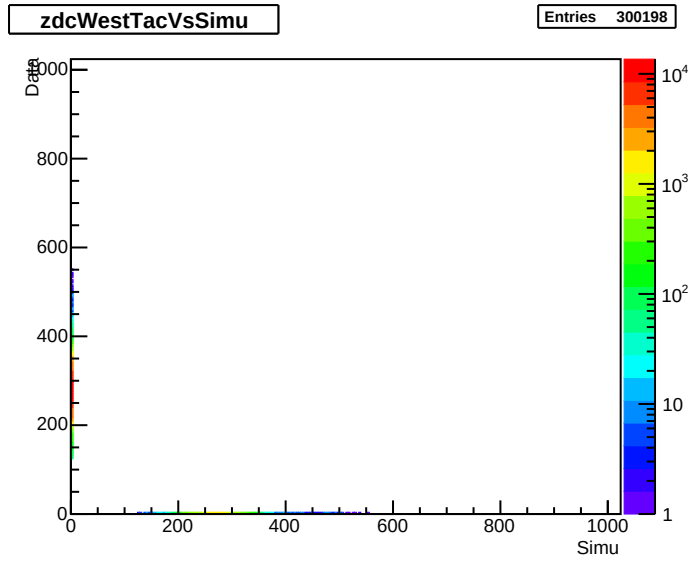

vpdWestTacSum
Entries2241084

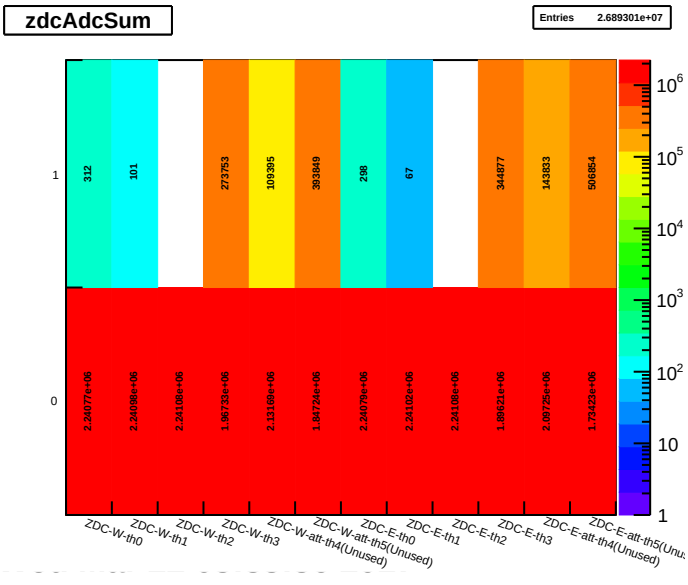

vpdWestTacSumVsSimu
Entries 1725467
Data
Simu

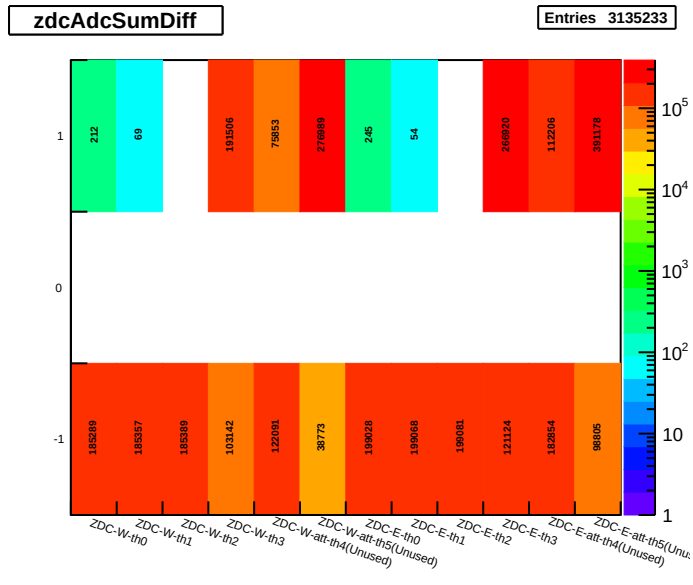

zdcEastTac
Entries2241084

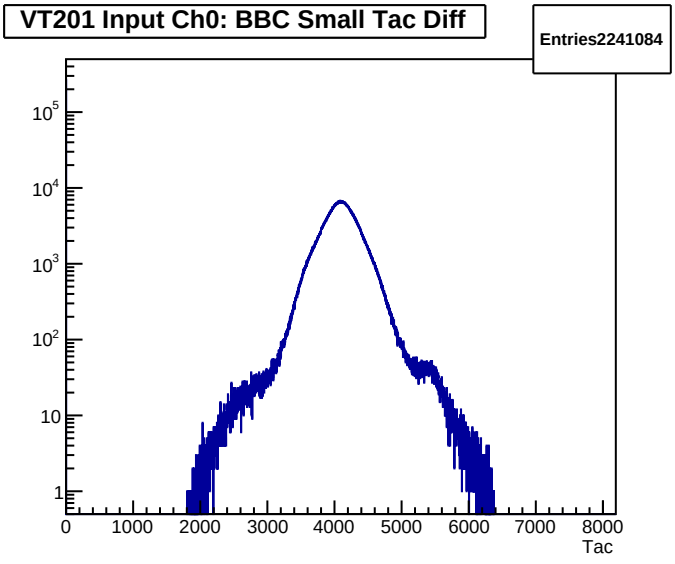

zdcEastTacVsSimu
Entries 418096
Data
Simu

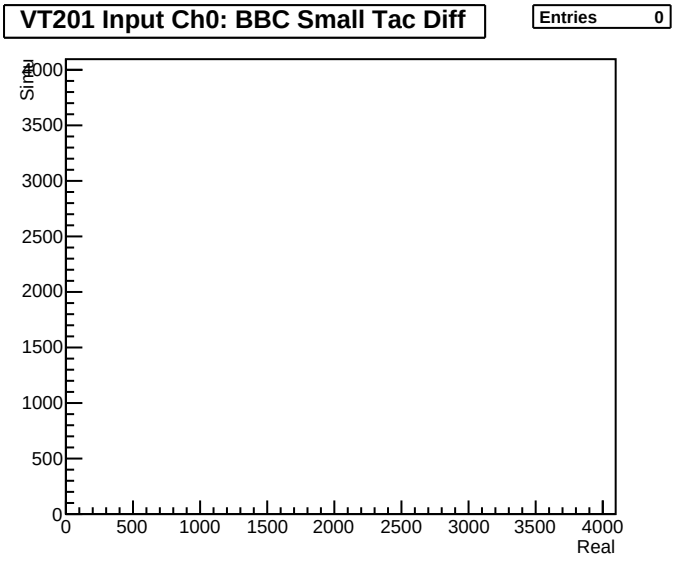

zdcWestTac
Entries2241084

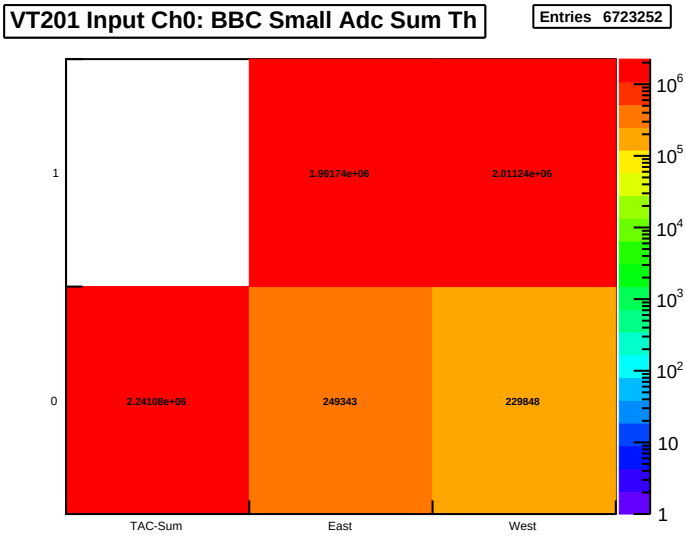

zdcWestTacVsSimu
Entries 300198
Data
Simu

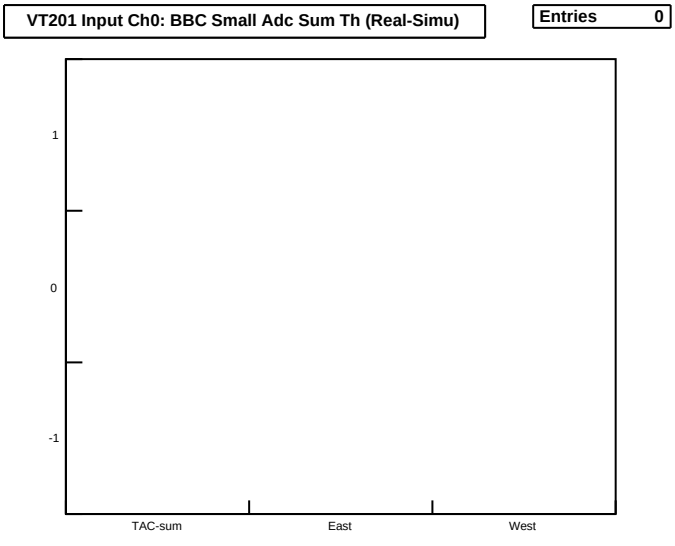

zdcAdcSum
Entries 2.689301e+07
312
101
273753
109395
393849
298
67
344877
143833
506854
2.24077e+06
2.24098e+06
2.24108e+06
1.96733e+06
2.13169e+06
1.84724e+06
2.24079e+06
2.24102e+06
2.24108e+06
1.88621e+06
2.09725e+06
1.72422e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

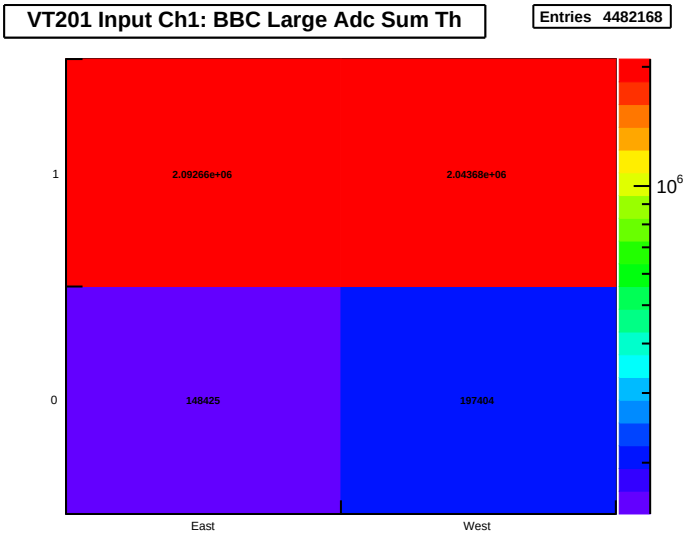

zdcAdcSumDiff
Entries 3135233
212
69
191506
75953
276889
245
54
266920
112206
391178
185289
183357
185389
103142
122091
38773
199028
199068
199081
121124
182854
98805
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

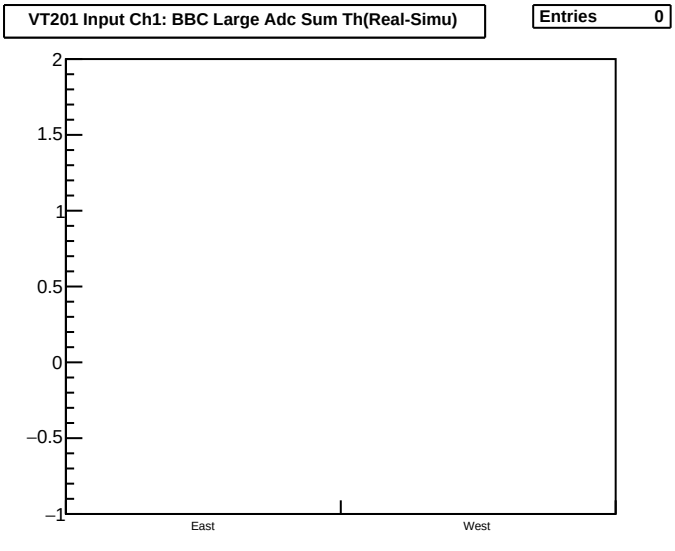

VT201 Input Ch0: BBC Small Tac Diff
Entries2241084
Tac


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

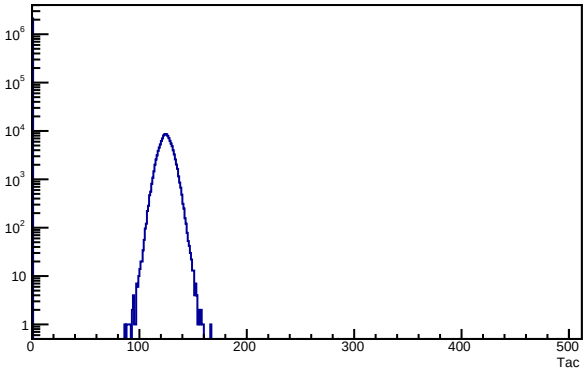

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6723252
1.99174e+06
2.01124e+06
2.24108e+06
249343
229848
TAC-Sum
East
West


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

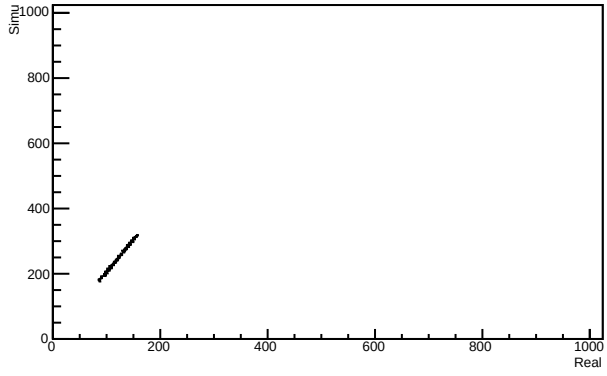

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4482168
2.09266e+06
2.04368e+06
148425
197404
East
West


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

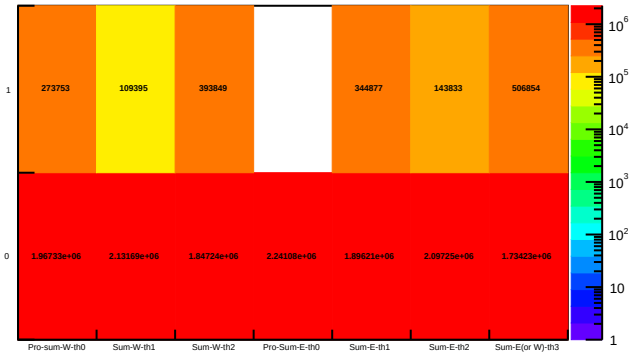
VT201 Input Ch2: ZDC Tac Diff



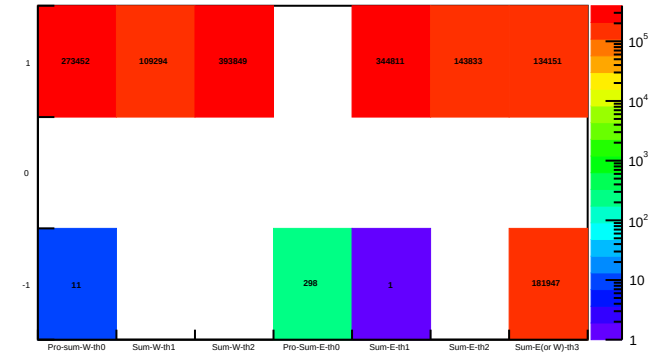
VT201 Input Ch2: ZDC Tac Diff



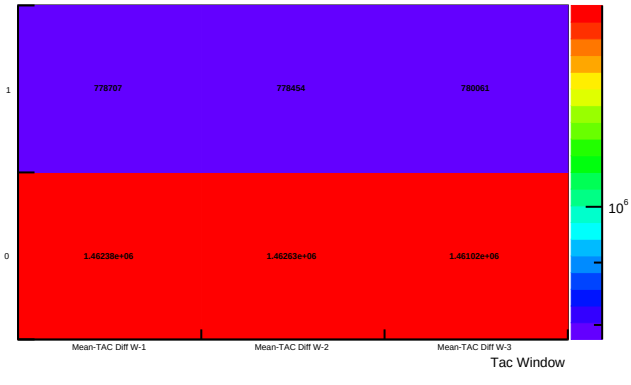
VT201 Input Ch2: ZDC Adc Sum Th



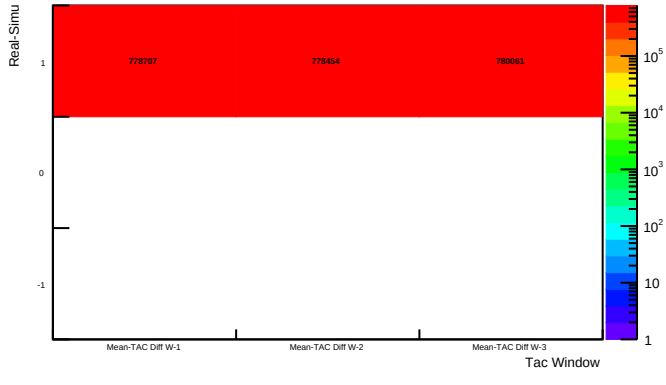
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



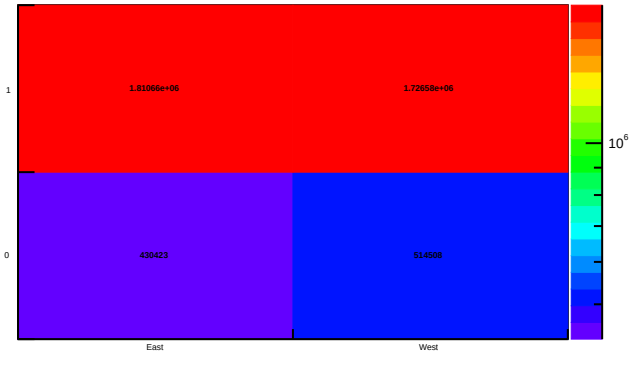
VT201 Input Ch4: VPD Tac Diff



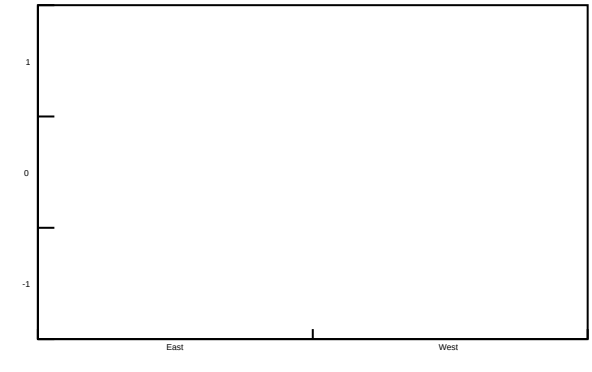
VT201 Input Ch4: VPD Tac Diff

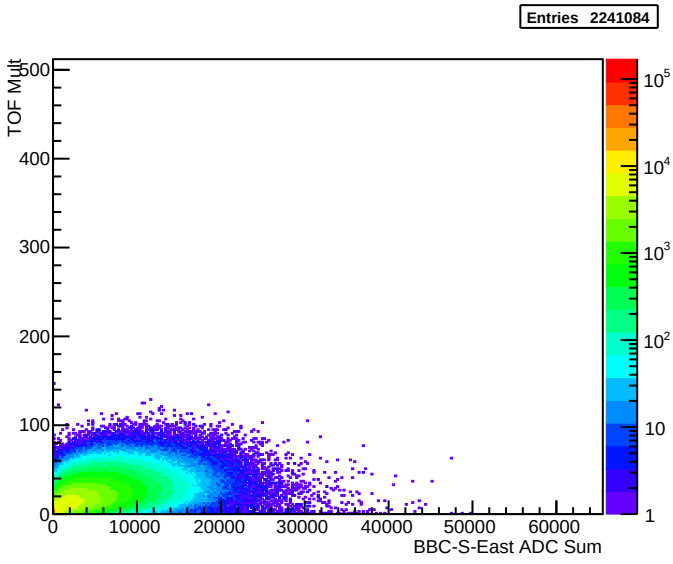


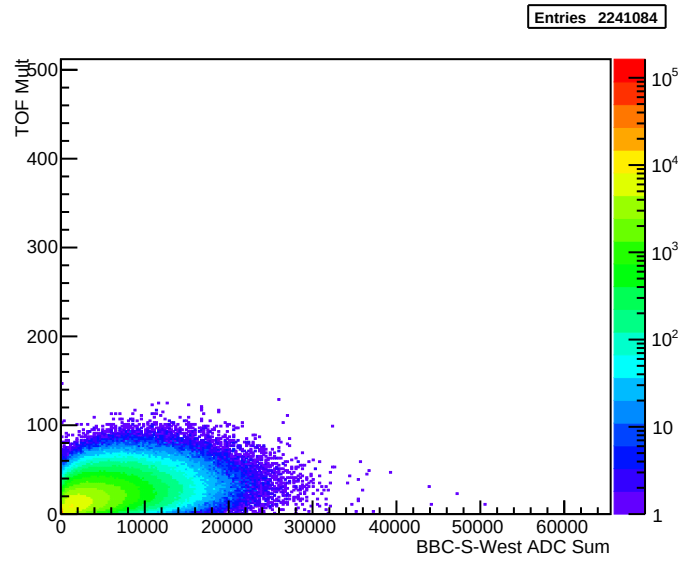
VT201 Input Ch4: VPD Adc Sum Th

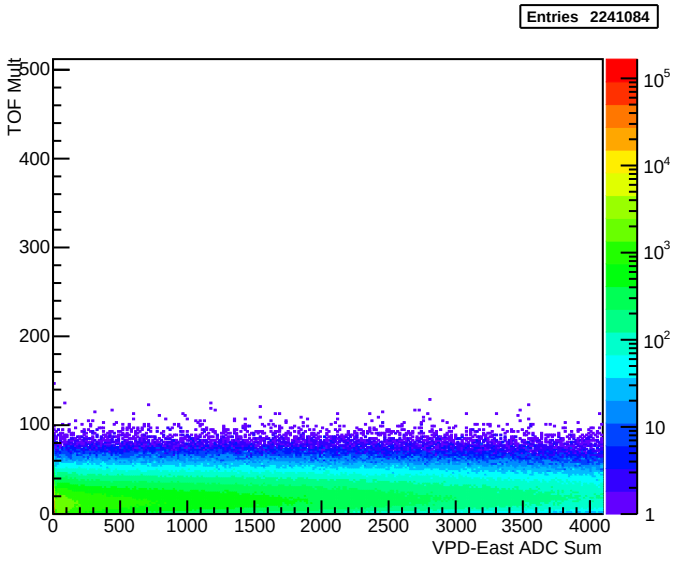


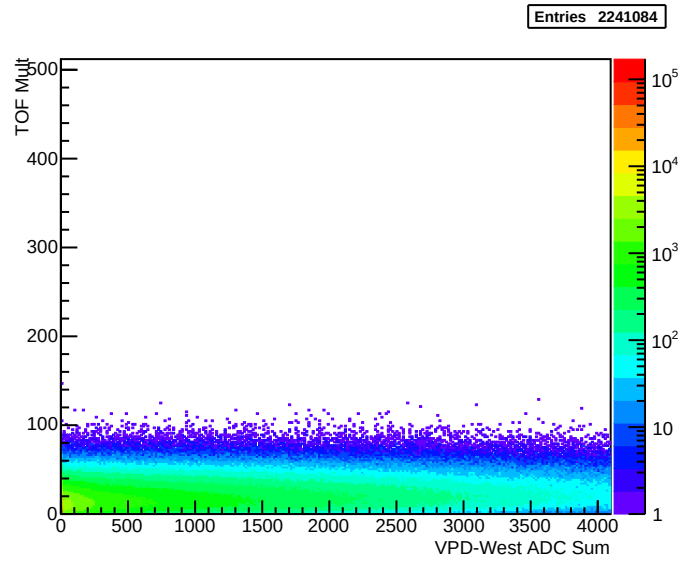
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

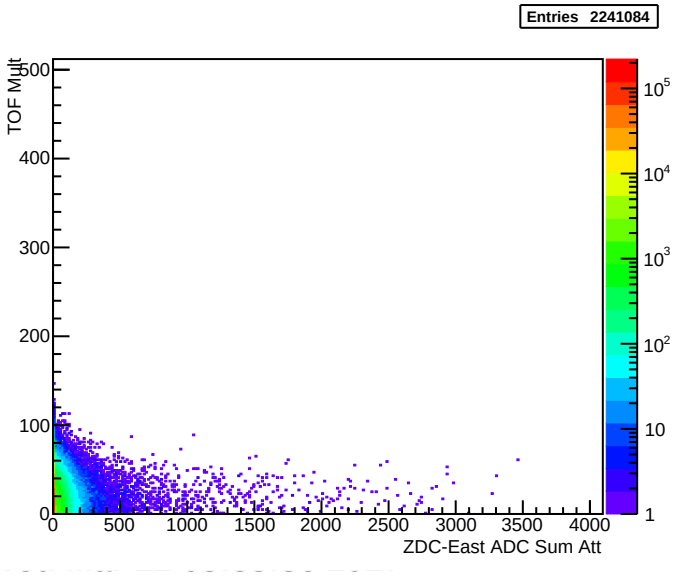


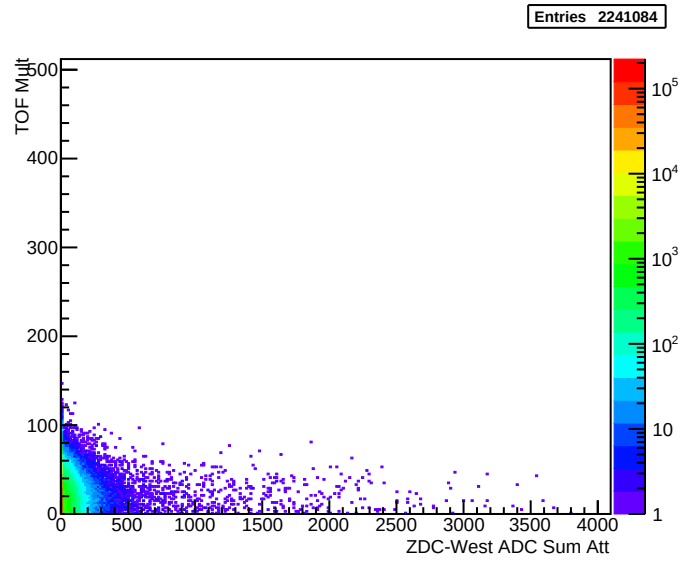

Entries 2241084
TOF Mult
BBC-S-East ADC Sum

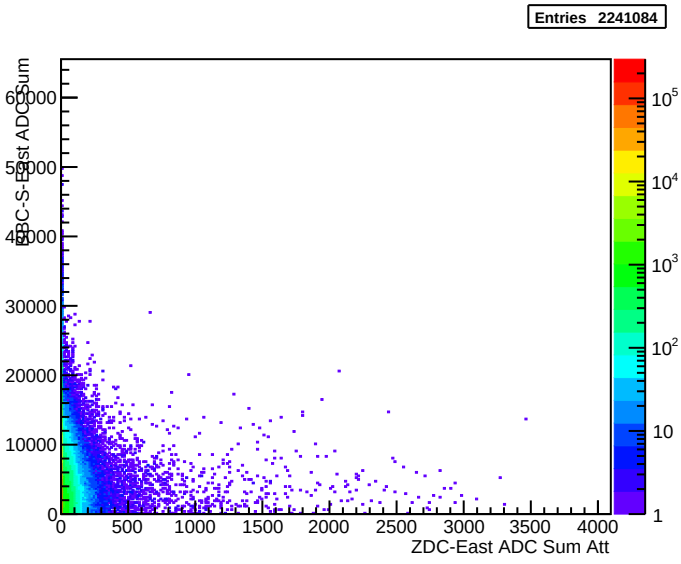

Entries 2241084
TOF Mult
BBC-S-West ADC Sum

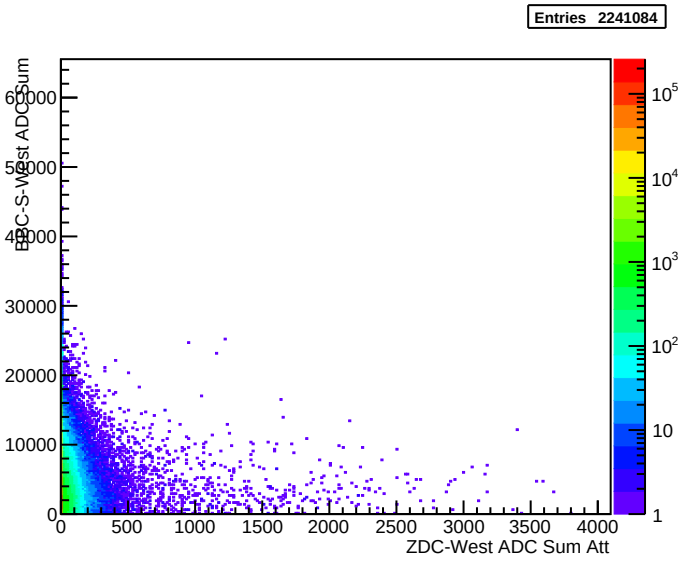

Entries 2241084
TOF Mult
VPD-East ADC Sum

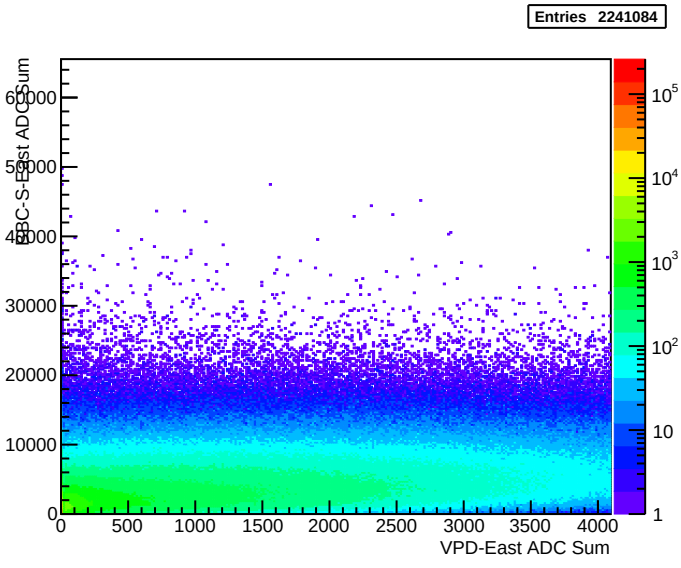

Entries 2241084
TOF Mult
VPD-West ADC Sum

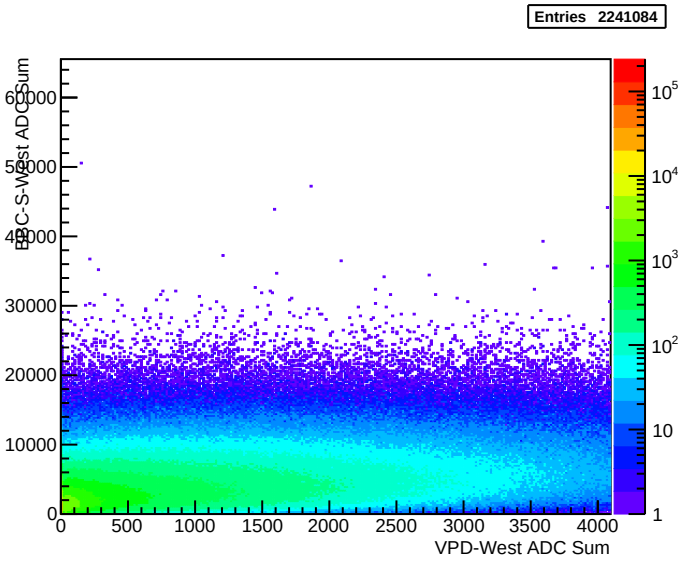

Entries 2241084
TOF Mult
ZDC-East ADC Sum Att

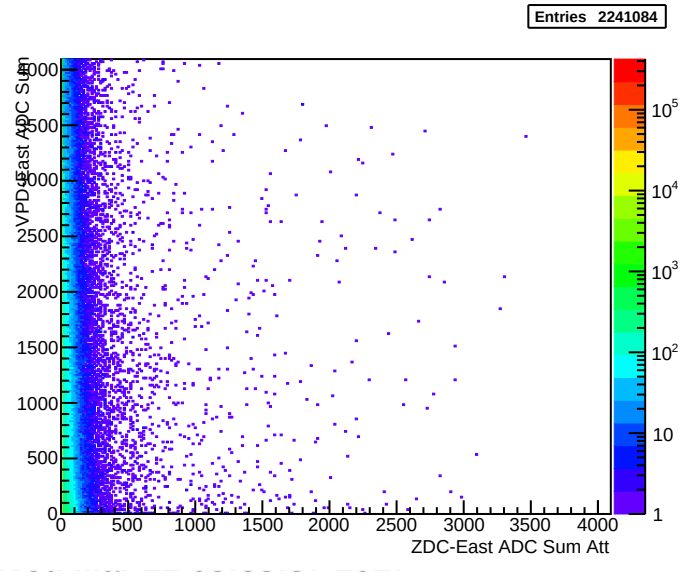

Entries 2241084
TOF Mult
ZDC-West ADC Sum Att

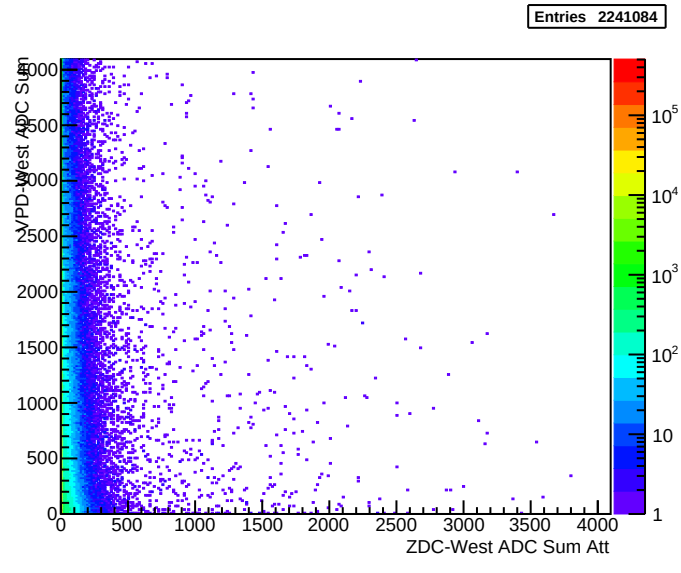

Entries 2241084
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

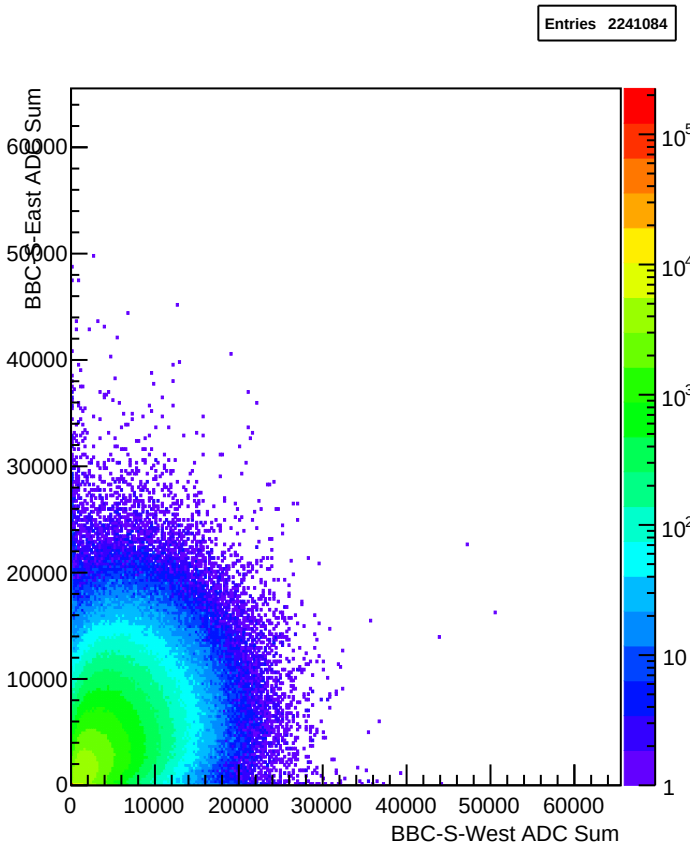

Entries 2241084
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

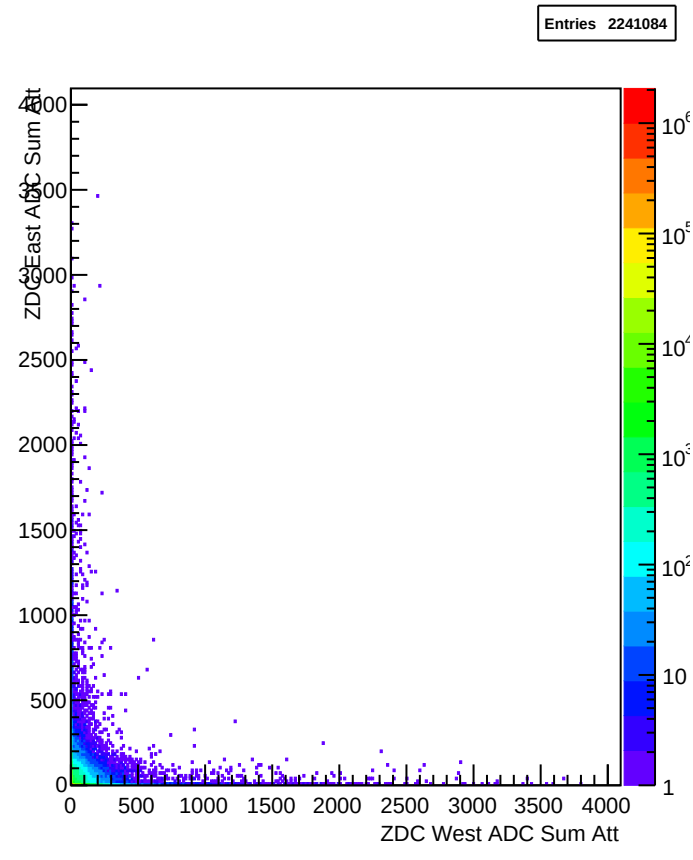

Entries 2241084
BBC-S-East ADC Sum
VPD-East ADC Sum

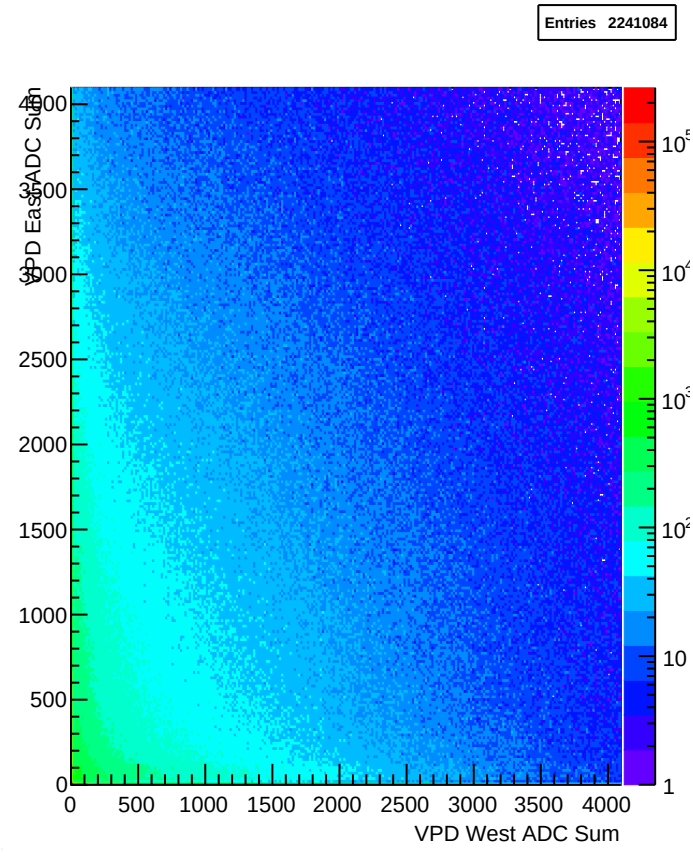

Entries 2241084
BBC-S-West ADC Sum
VPD-West ADC Sum

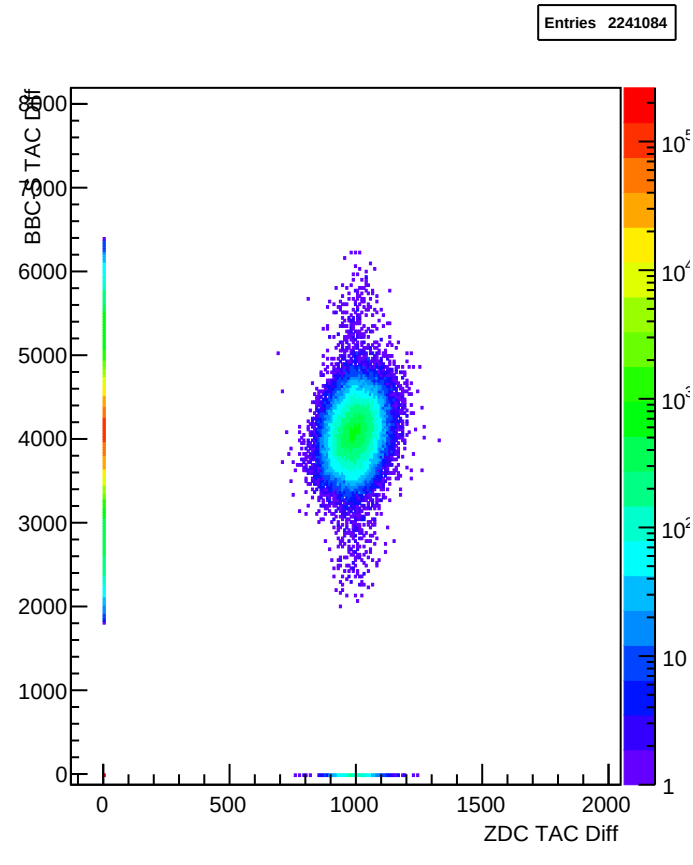

Entries 2241084
VPD-East ADC Sum
ZDC-East ADC Sum Att

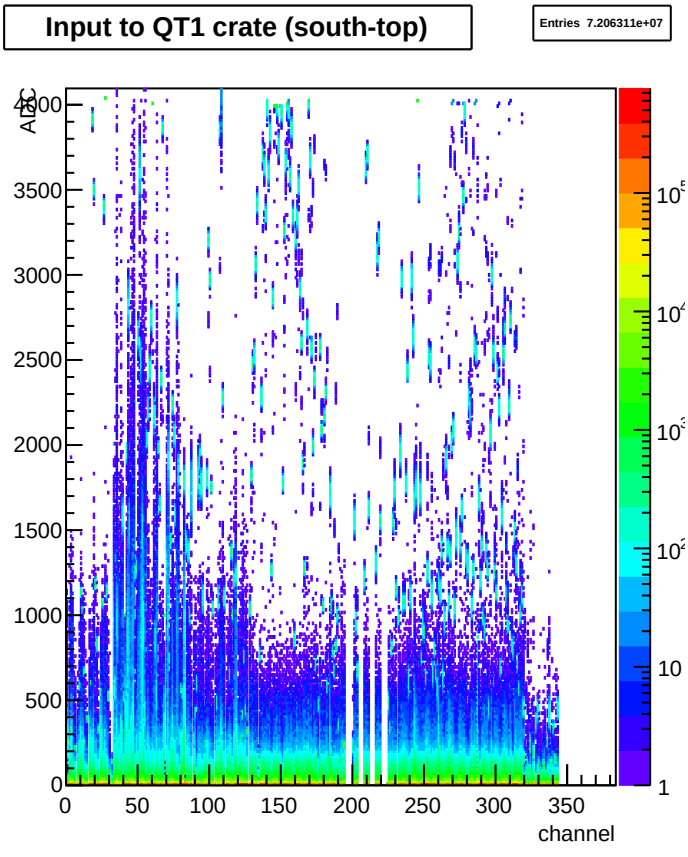

Entries 2241084
VPD-West ADC Sum
ZDC-West ADC Sum Att

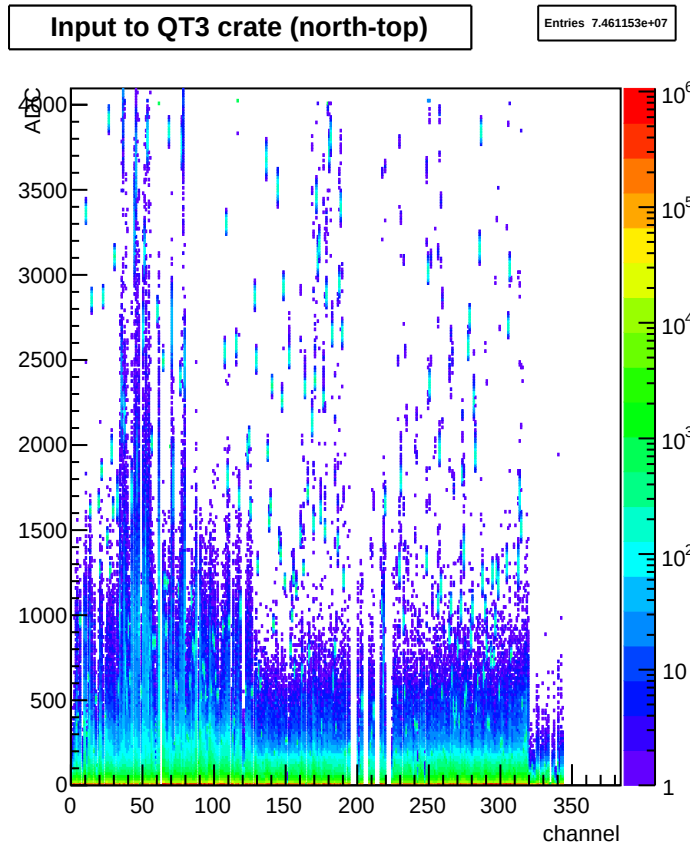

Entries 2241084
BBC-S-East ADC Sum
BBC-S-West ADC Sum

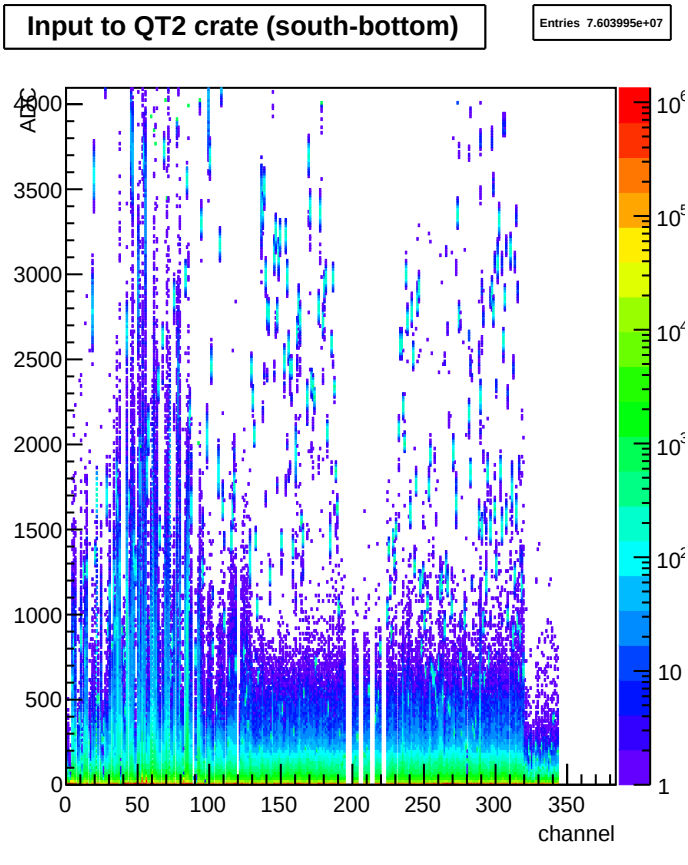

Entries 2241084
ZDC East ADC Sum Att
ZDC West ADC Sum Att

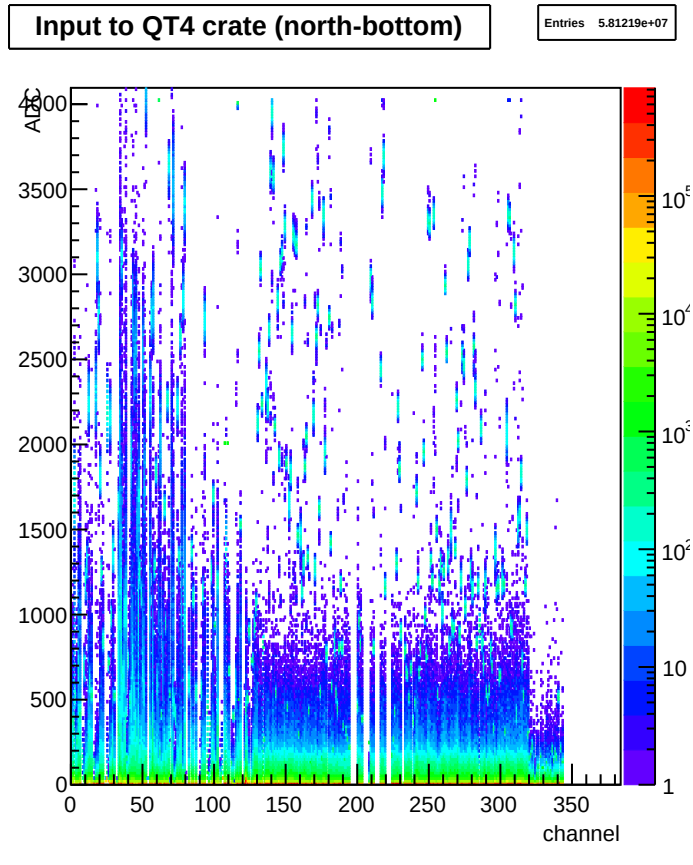

Entries 2241084
VPD East ADC Sum
VPD West ADC Sum

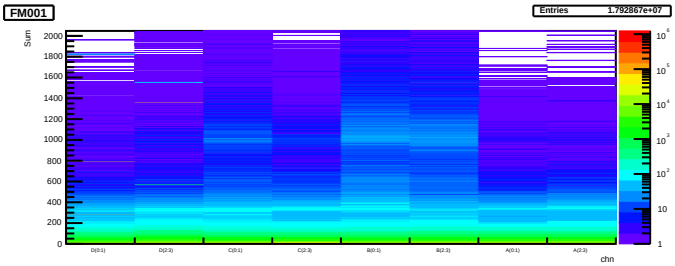

Entries 2241084
BBC-S TAC Diff
ZDC TAC Diff

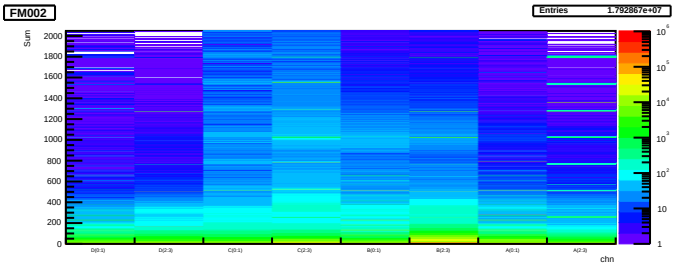

Input to QT1 crate (south-top)
Entries 7.206311e+07
ADC
channel

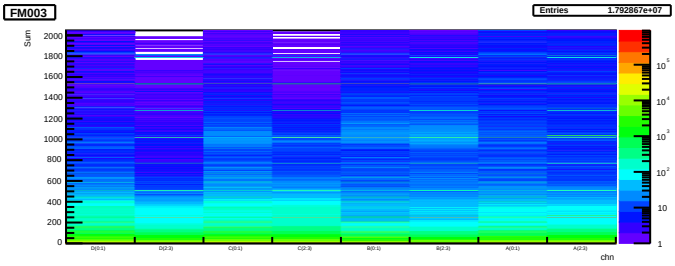

Input to QT3 crate (north-top)
Entries 7.461153e+07
ADC
channel

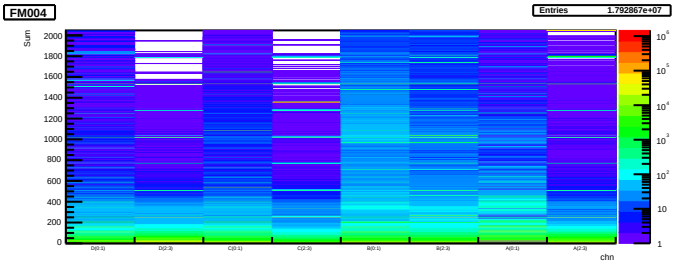

Input to QT2 crate (south-bottom)
Entries 7.603995e+07
ADC
channel

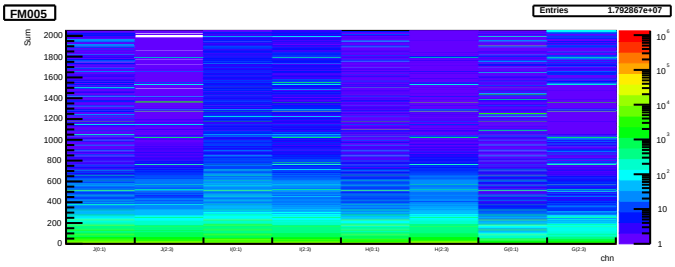

Input to QT4 crate (north-bottom)
Entries 5.81219e+07
ADC
channel

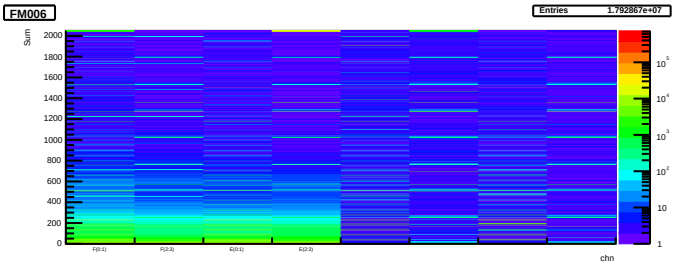

FM001
Entries 1.792867e+07
Sum
chn

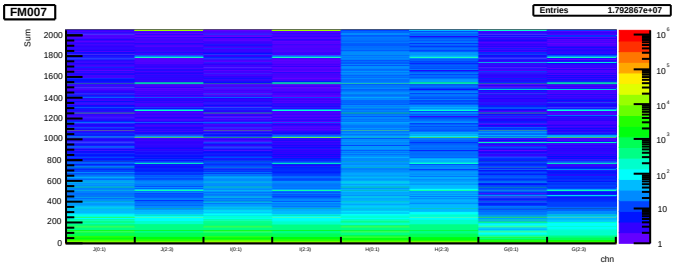

FM002
Entries 1.792867e+07
Sum
chn


FM003
Entries 1.792867e+07
Sum
chn


FM004
Entries 1.792867e+07
Sum
chn


FM005
Entries 1.792867e+07
Sum
chn


FM006
Entries 1.792867e+07
Sum
chn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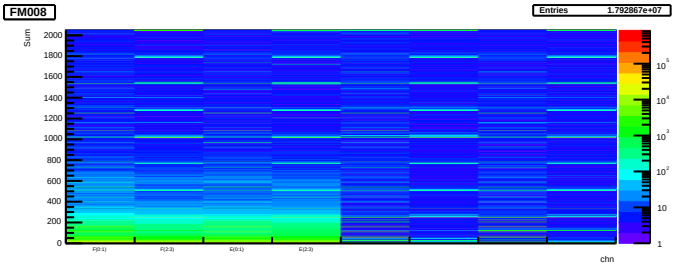
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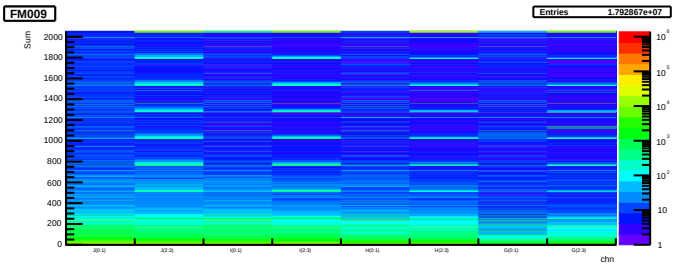
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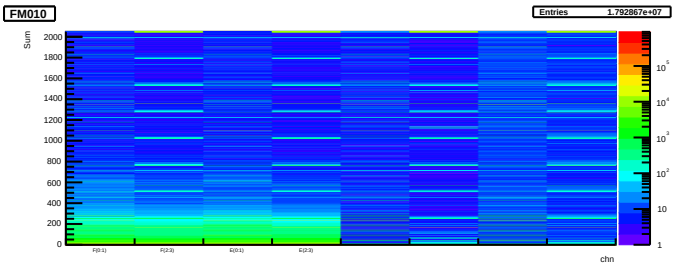
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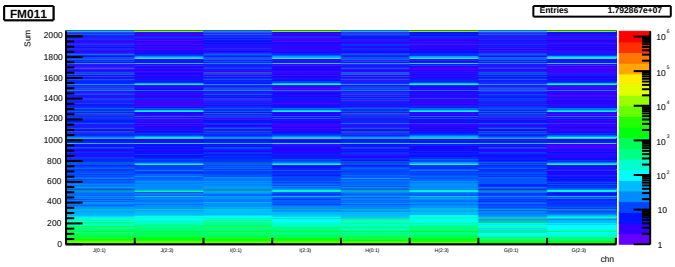
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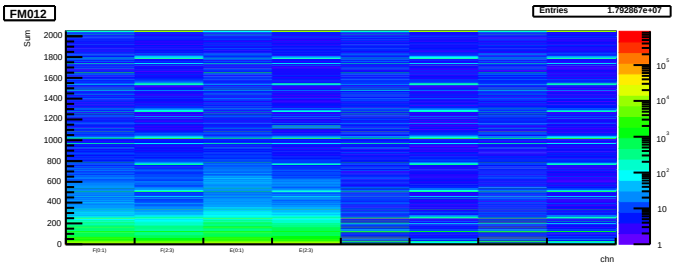
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Entries 1.792867e+07
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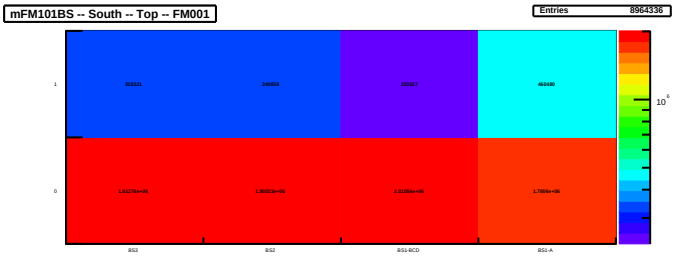
mFM101BS -- South -- Top -- FM001
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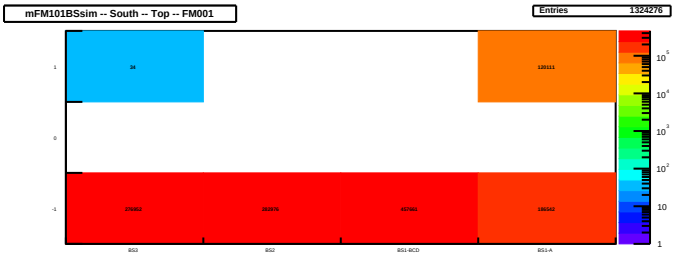
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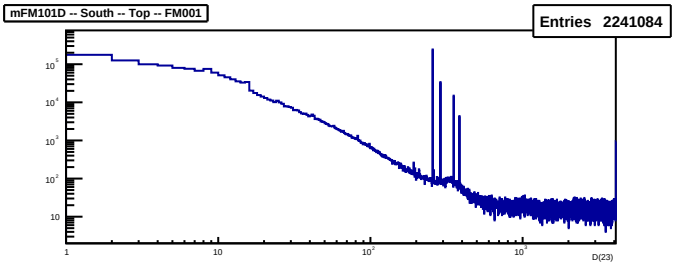
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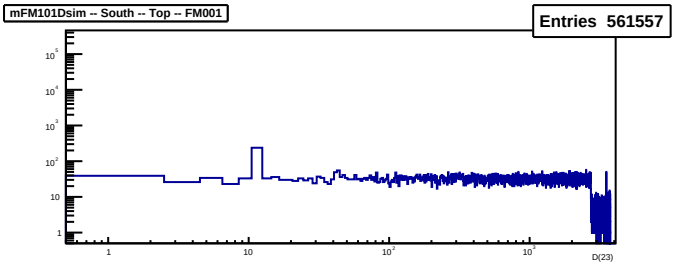
Entries 2241084
D(23)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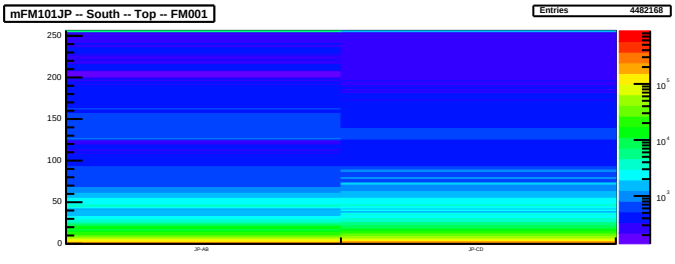
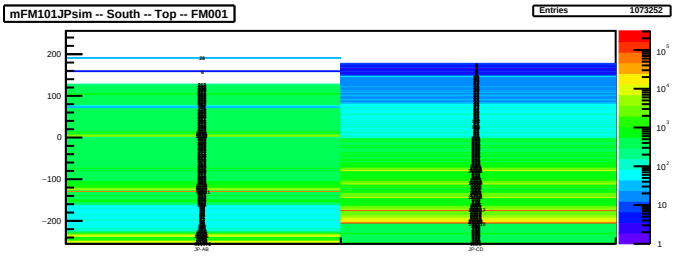

mFM101JP -- South -- Top -- FM001
Entries 4482168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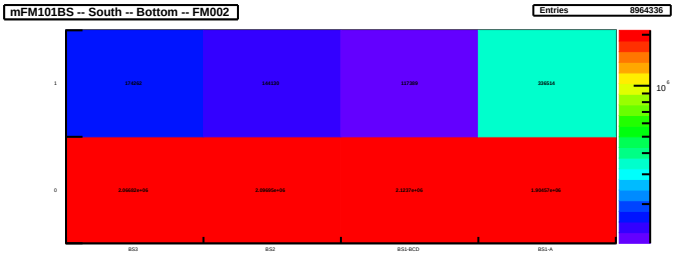
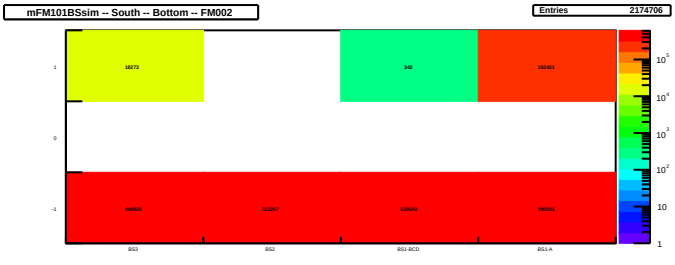

mFM101BS -- South -- Bottom -- FM002
Entries 8964336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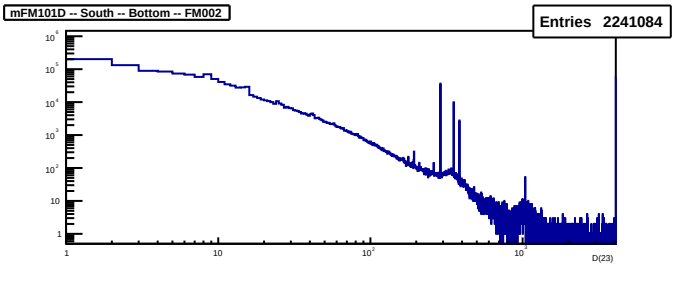
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Entries 2241084
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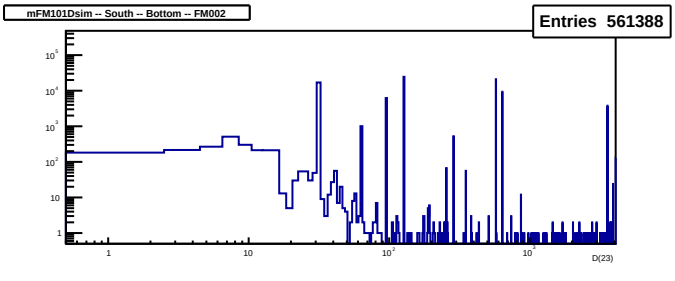
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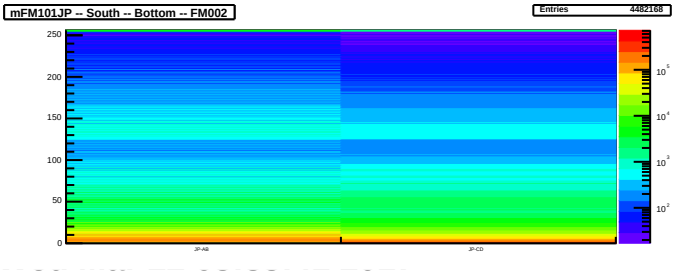
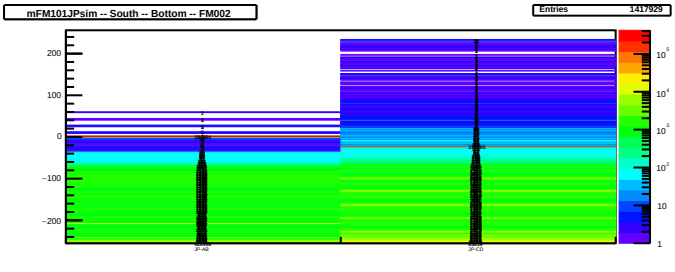

mFM101JP -- South -- Bottom -- FM002
Entries 4482168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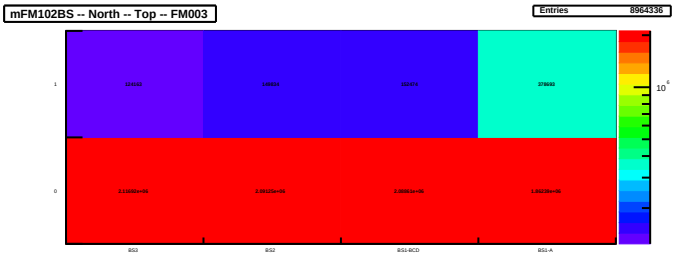

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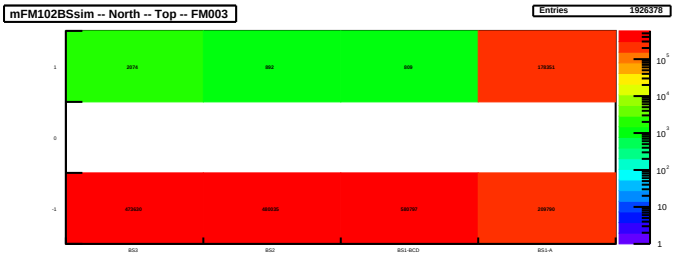

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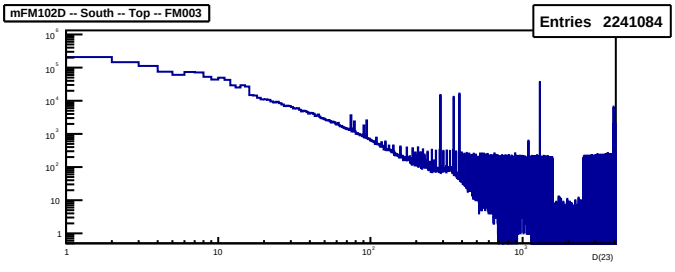

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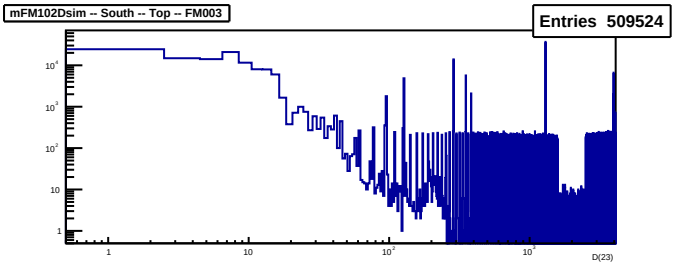

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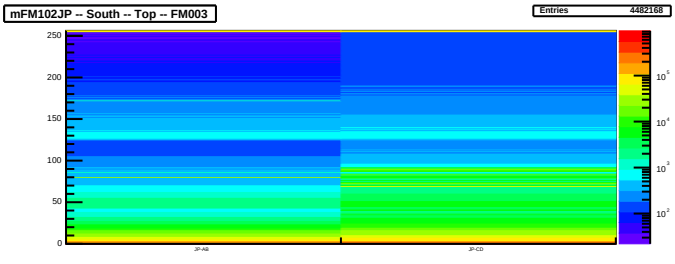

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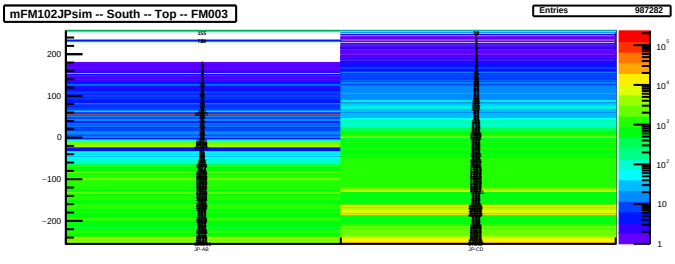

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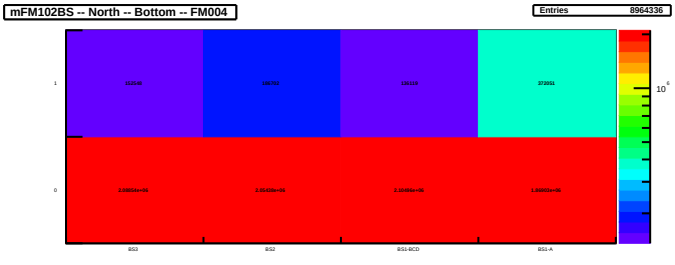

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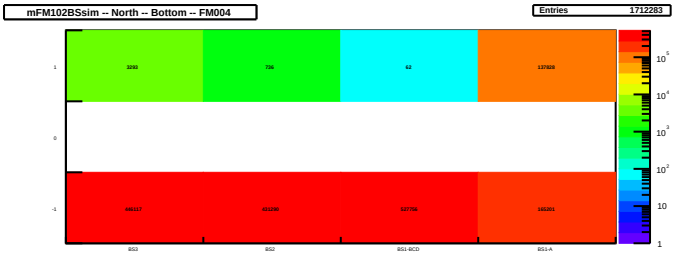

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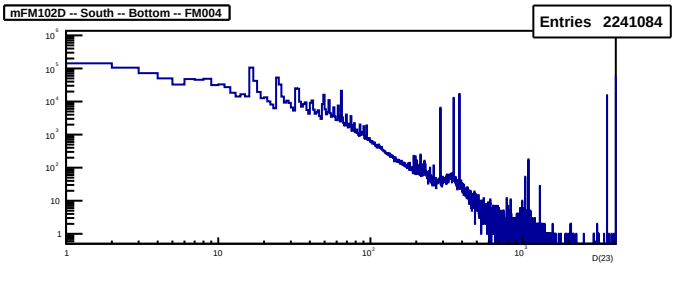

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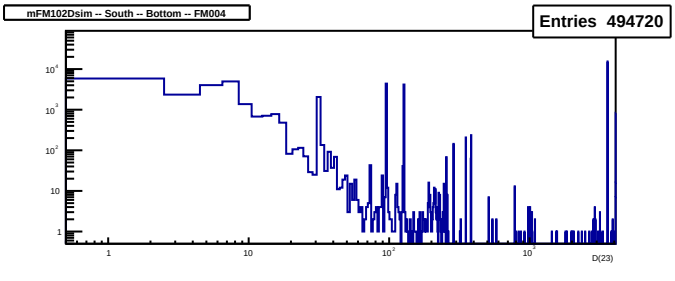

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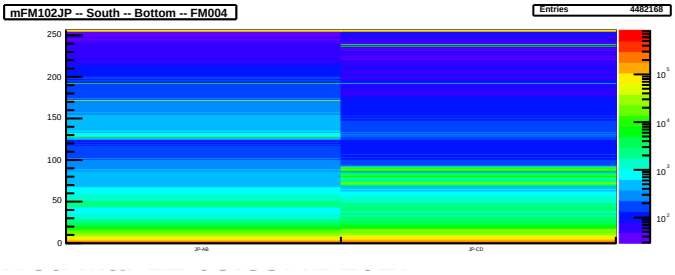

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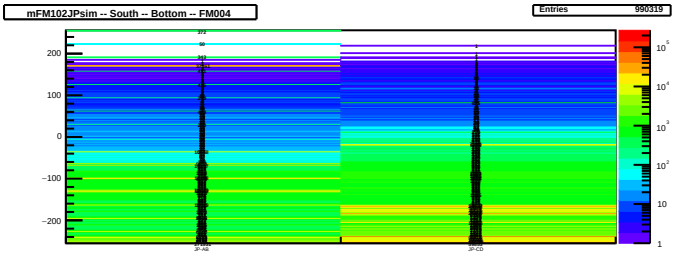
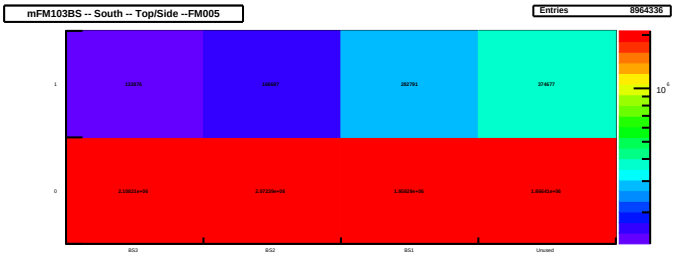
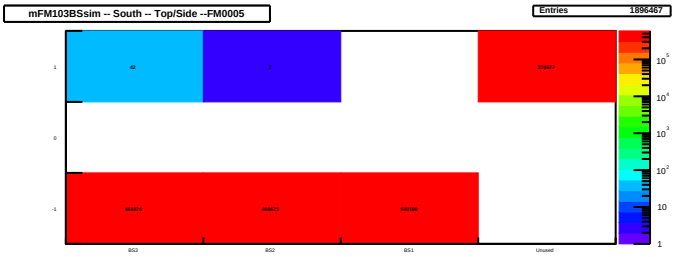



mFM103BS -- South -- Top/Side --FM005
Entries 8964336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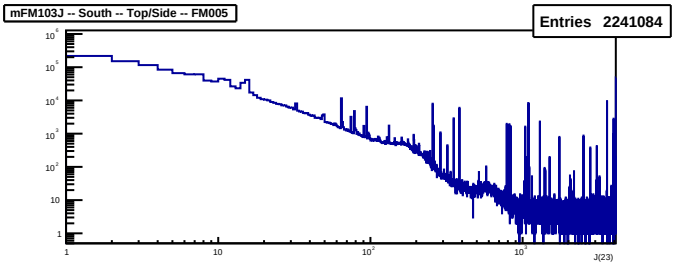
Entries 1896467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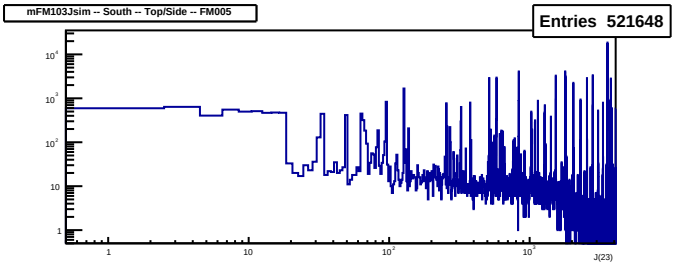
Entries 2241084
J(23)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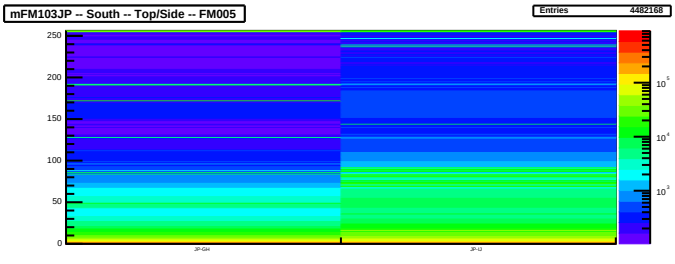
J(23)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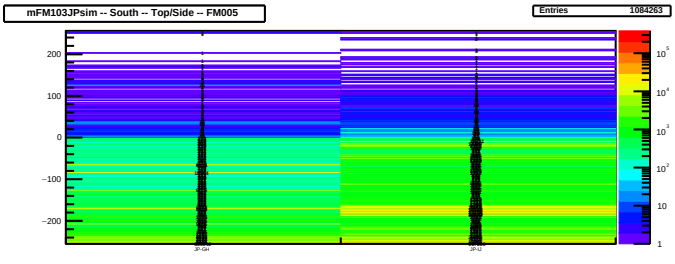
Entries 4482168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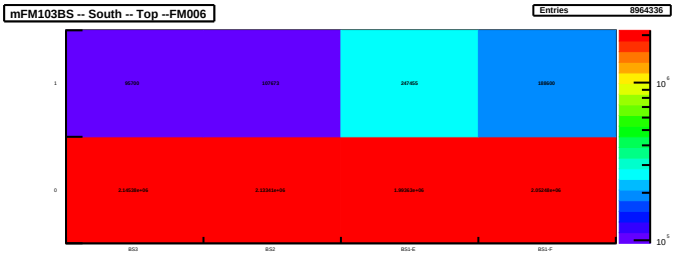
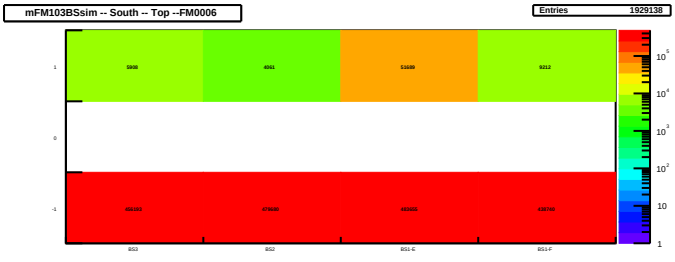

mFM103BS -- South -- Top --FM006
Entries 8964336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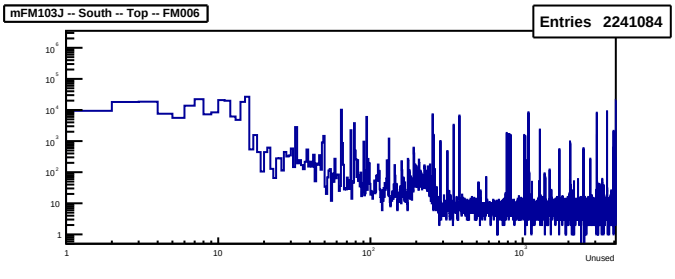
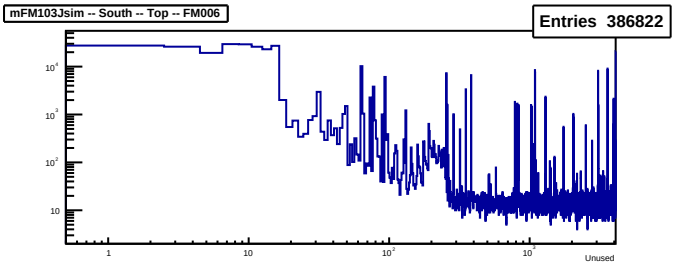

mFM103J -- South -- Top -- FM006
Entries 2241084
Unused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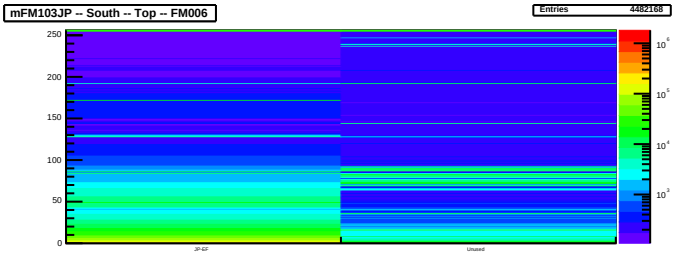
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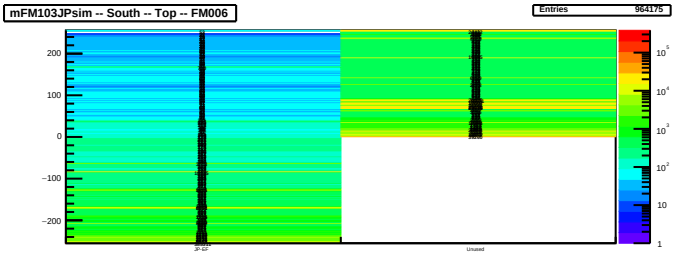
Entries 4482168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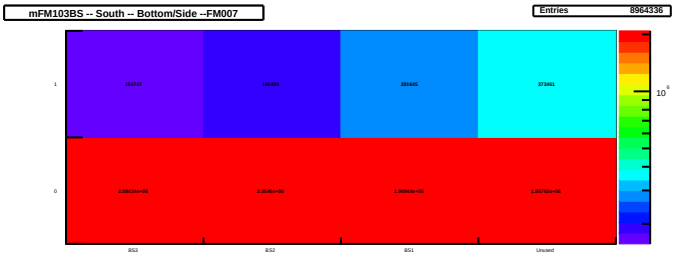
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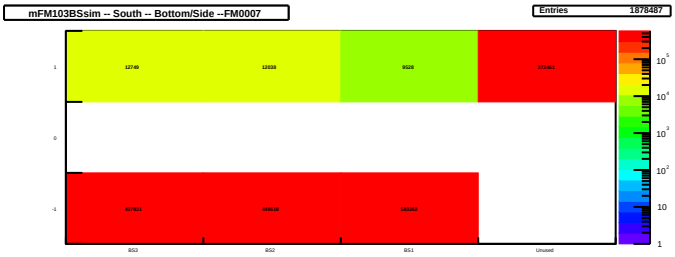
Entries 8964336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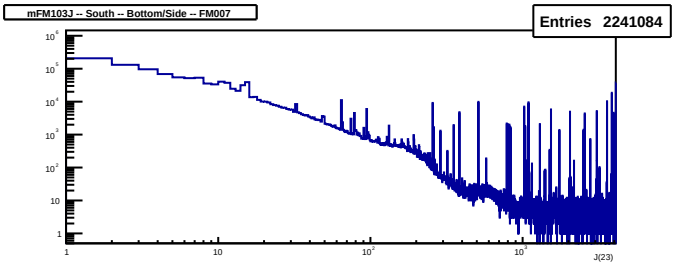
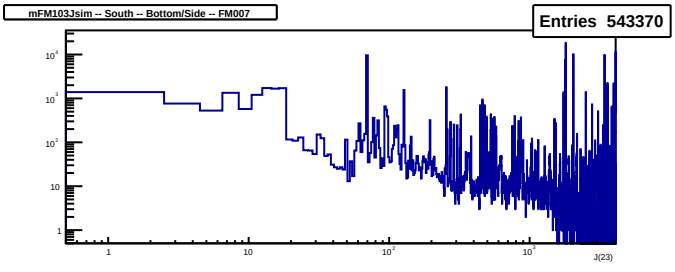

mFM103J -- South -- Bottom/Side -- FM007
Entries 2241084
J(23)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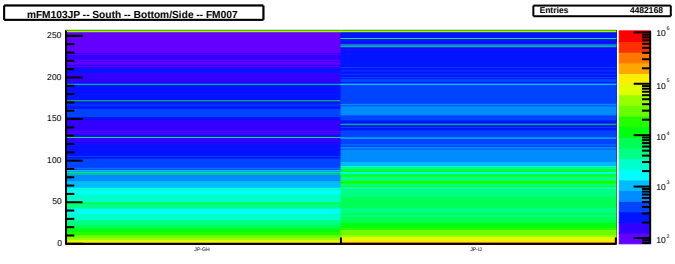
J(23)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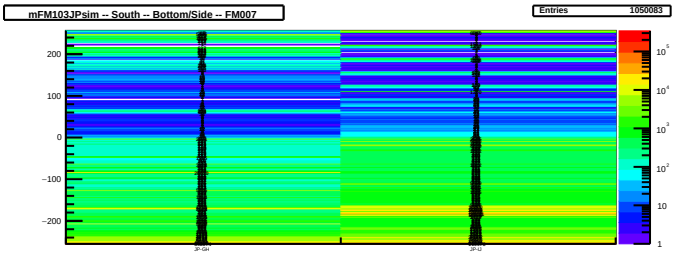
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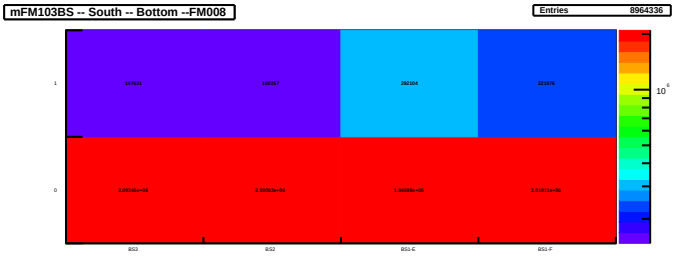
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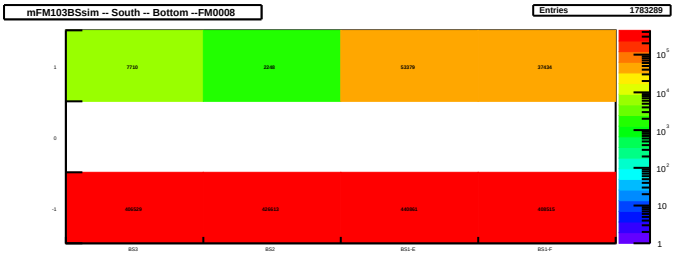
Entries 8964336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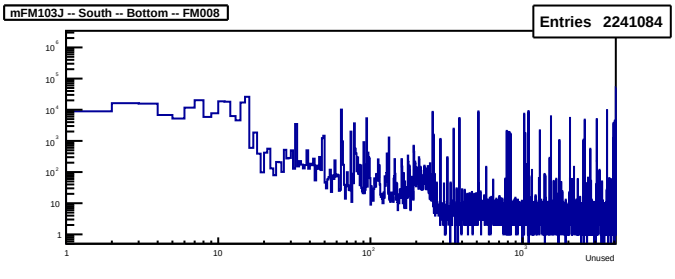
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Entries 2241084
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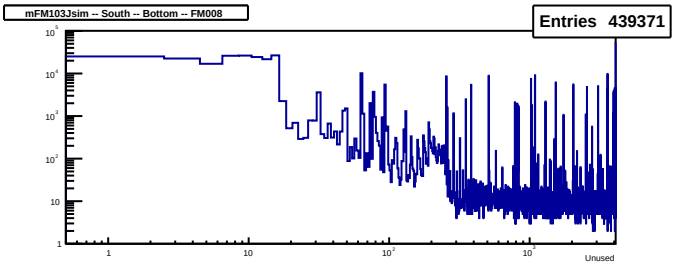
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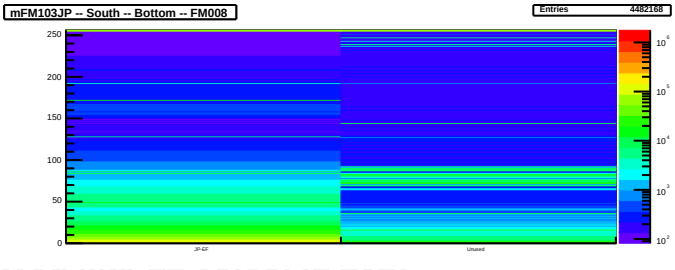
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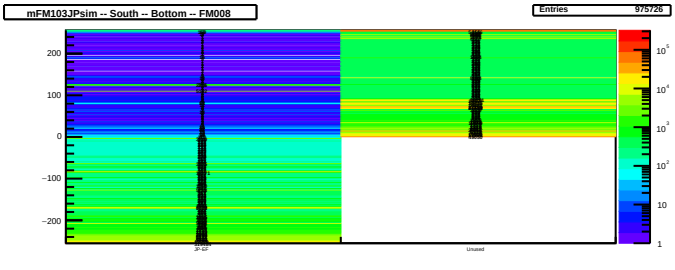
Entries 4482168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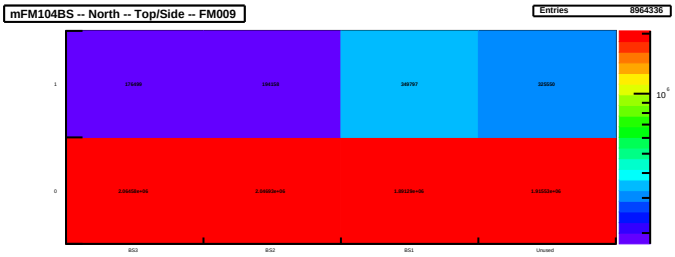
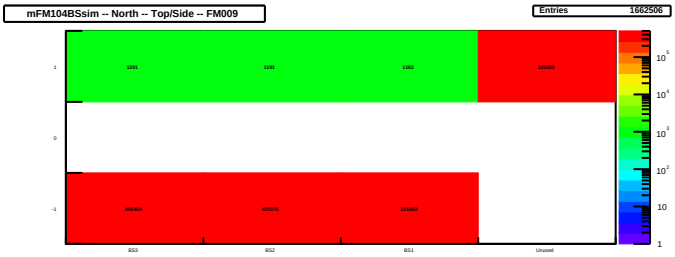
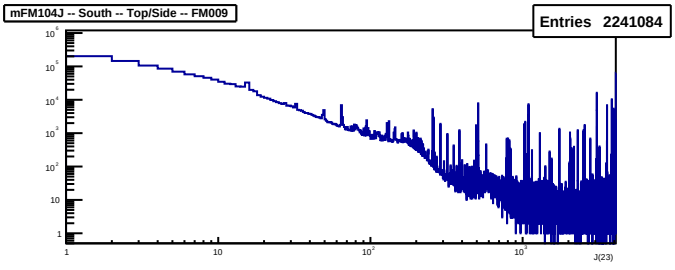
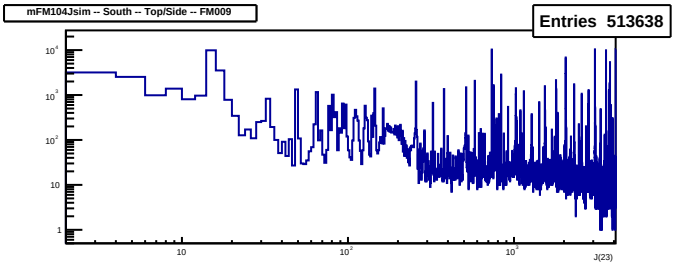
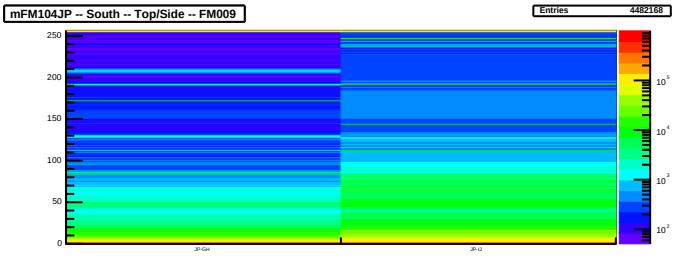
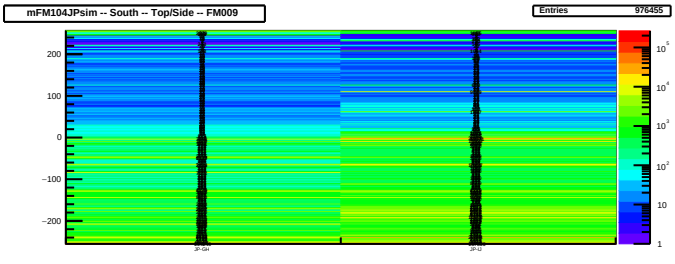

mFM104BS -- North -- Top/Side -- FM009
Entries 8964336

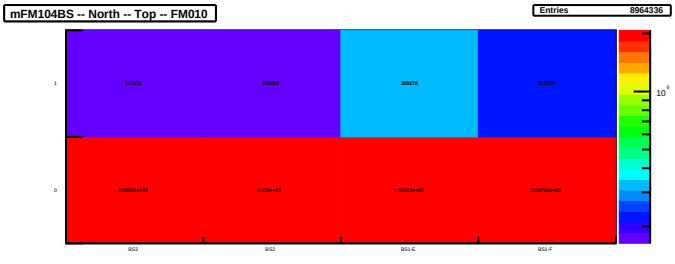

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1662506

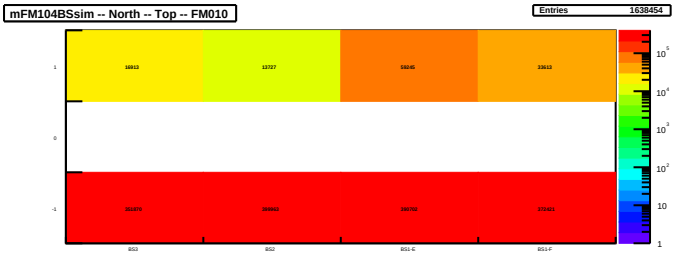

mFM104J -- South -- Top/Side -- FM009
Entries 2241084
J(23)

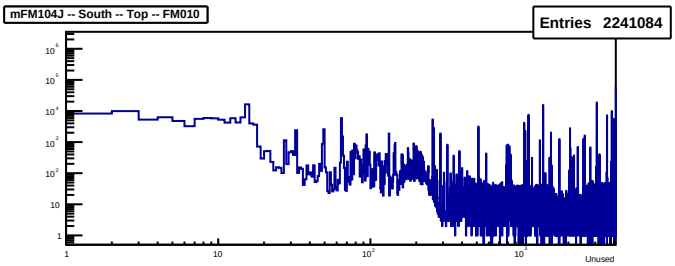

mFM104Jsim -- South -- Top/Side -- FM009
Entries 513638
J(23)

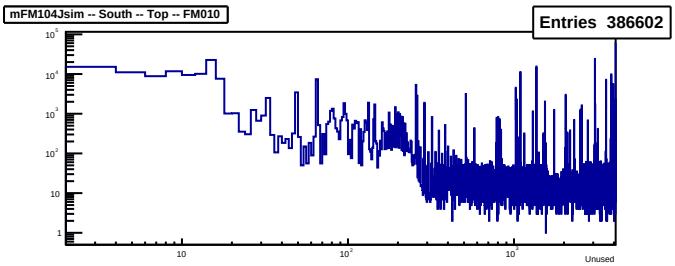

mFM104JP -- South -- Top/Side -- FM009
Entries 4482168

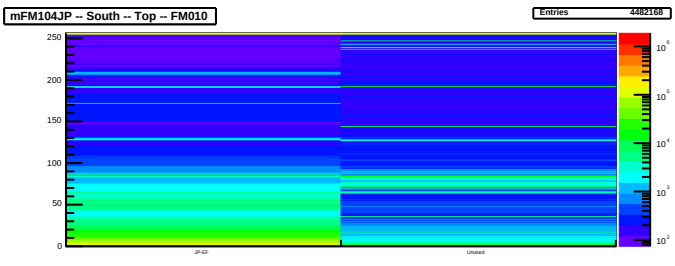

mFM104JPsim -- South -- Top/Side -- FM009
Entries 976455

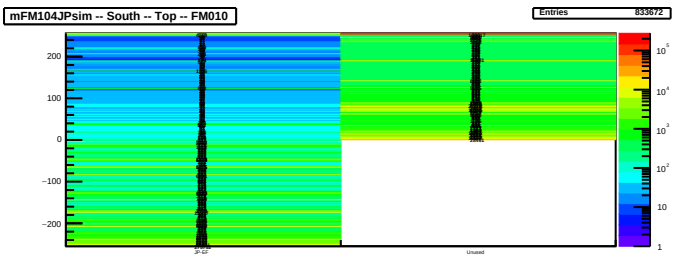

mFM104BS -- North -- Top -- FM010
Entries 8964336

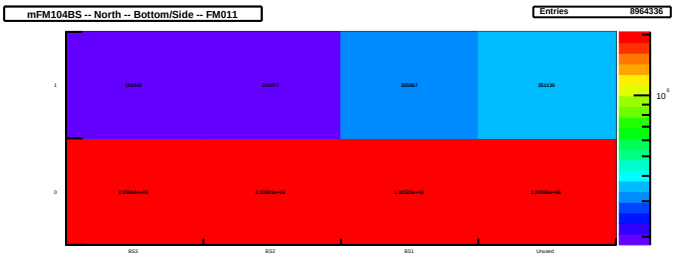

mFM104BSsim -- North -- Top -- FM010
Entries 1638454

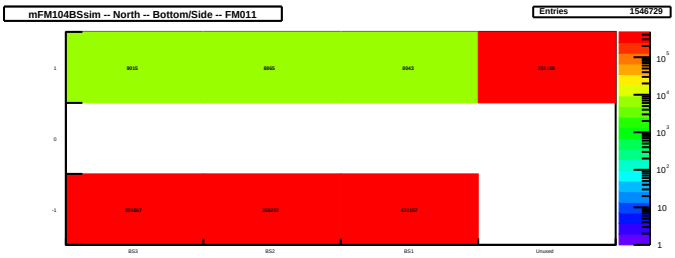

mFM104J -- South -- Top -- FM010
Entries 2241084
Unused

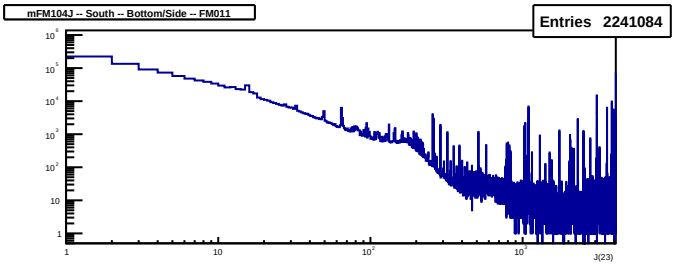

mFM104Jsim -- South -- Top -- FM010
Entries 386602
Unused

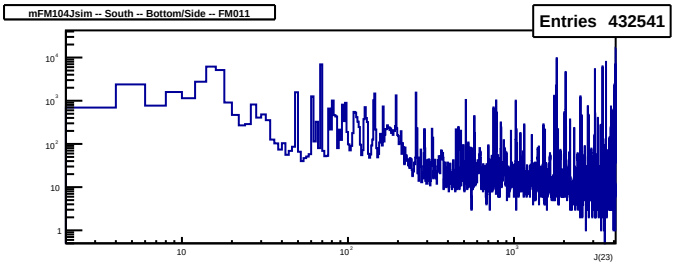

mFM104JP -- South -- Top -- FM010
Entries 4482168

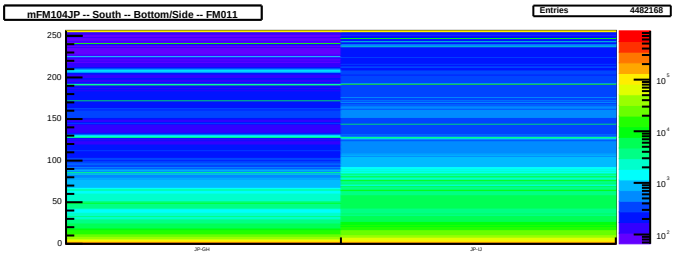

mFM104JPsim -- South -- Top -- FM010
Entries 833672

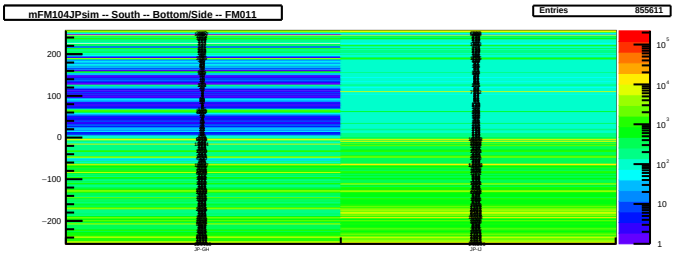

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8964336

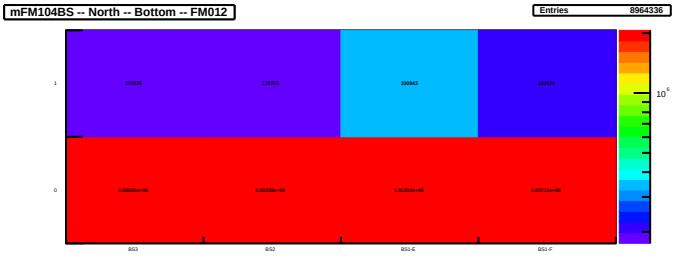

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1546729

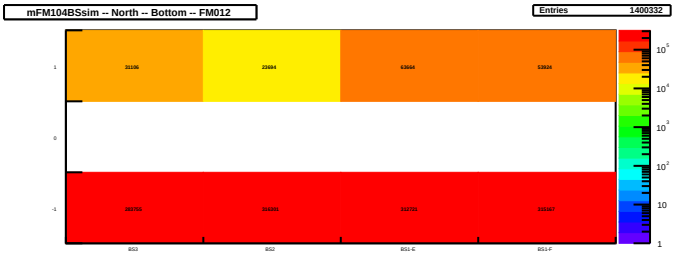

mFM104J -- South -- Bottom/Side -- FM011
Entries 2241084
J(23)

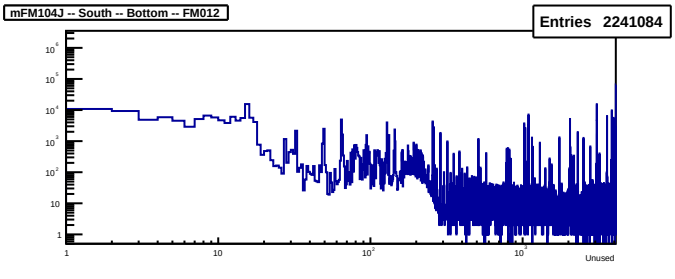

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 432541
J(23)

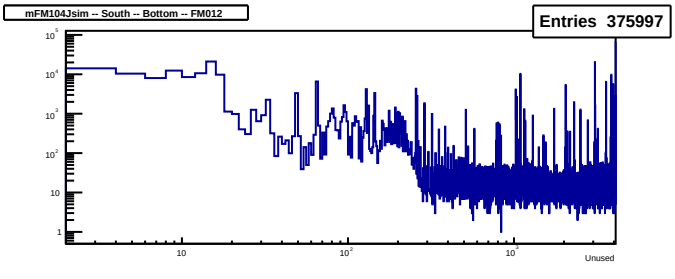

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4482168

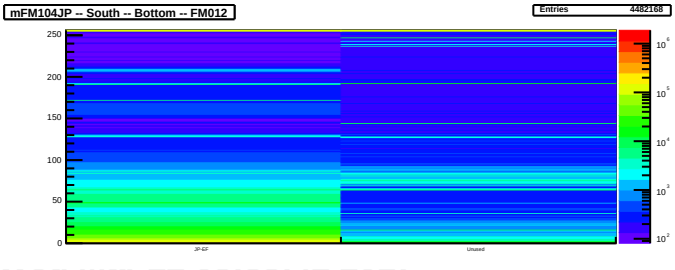

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 855611

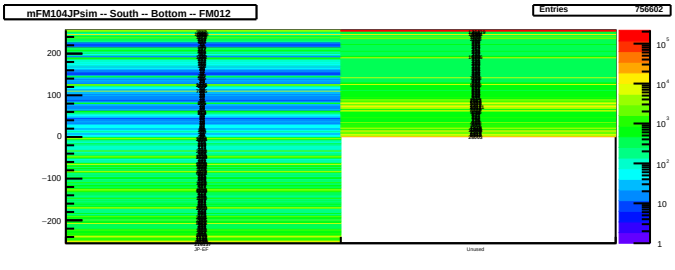

mFM104BS -- North -- Bottom -- FM012
Entries 8964336

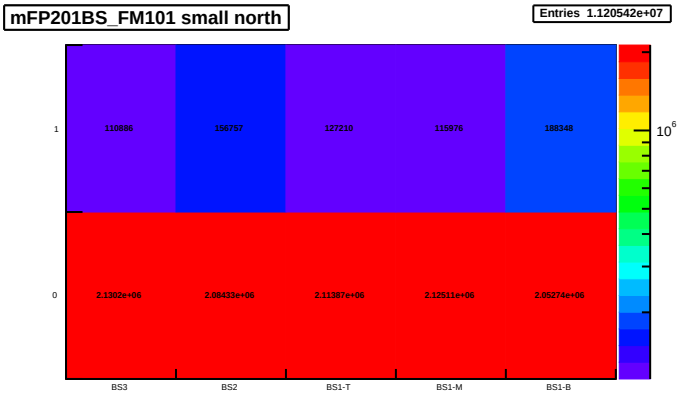

mFM104BSsim -- North -- Bottom -- FM012
Entries 1400332

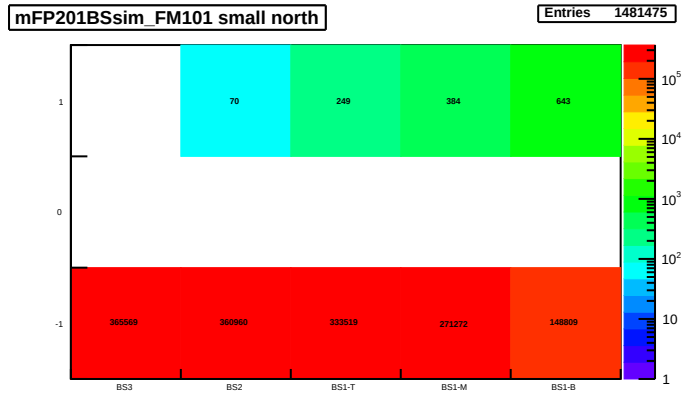

mFM104J -- South -- Bottom -- FM012
Entries 2241084
Unused

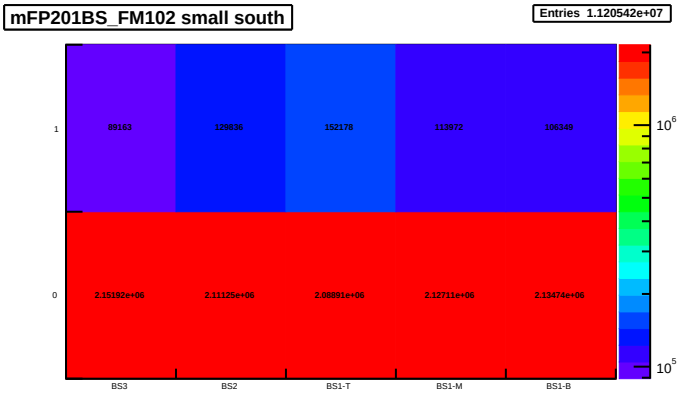

mFM104Jsim -- South -- Bottom -- FM012
Entries 375997
Unused

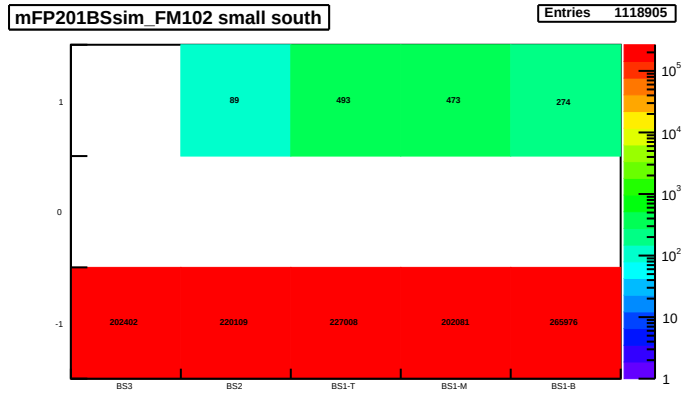

mFM104JP -- South -- Bottom -- FM012
Entries 4482168

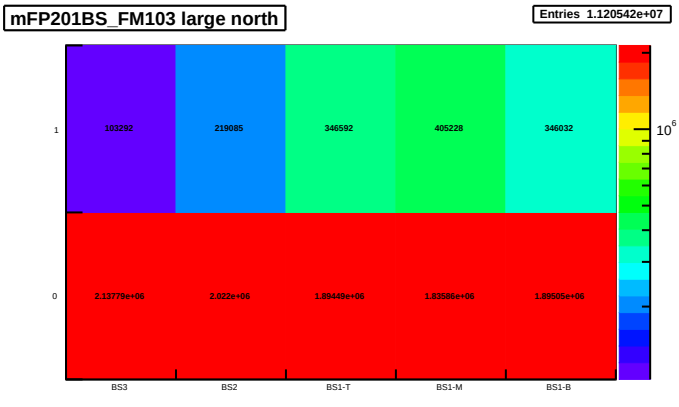

mFM104JPsim -- South -- Bottom -- FM012
Entries 756602

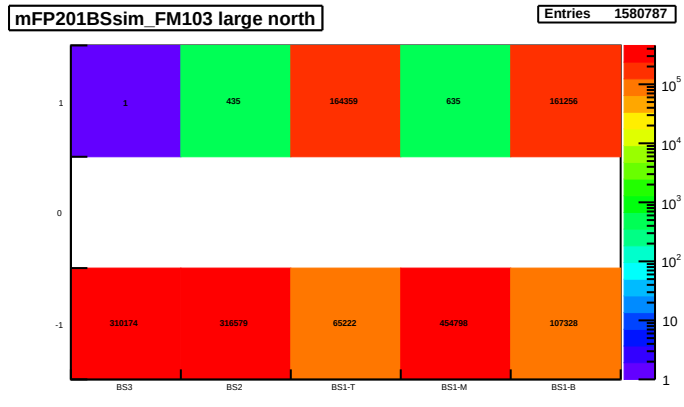

mFP201BS_FM101 small north
Entries 1.120542e+07
110886
156757
127210
115976
188348
2.1302e+06
2.08433e+06
2.11387e+06
2.12511e+06
2.05274e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

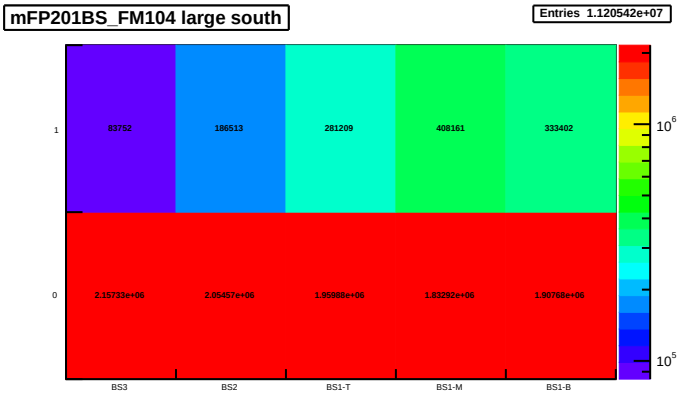

mFP201BSsim_FM101 small north
Entries 1481475
70
249
384
643
365569
360960
333519
271272
148809
BS3
BS2
BS1-T
BS1-M
BS1-B

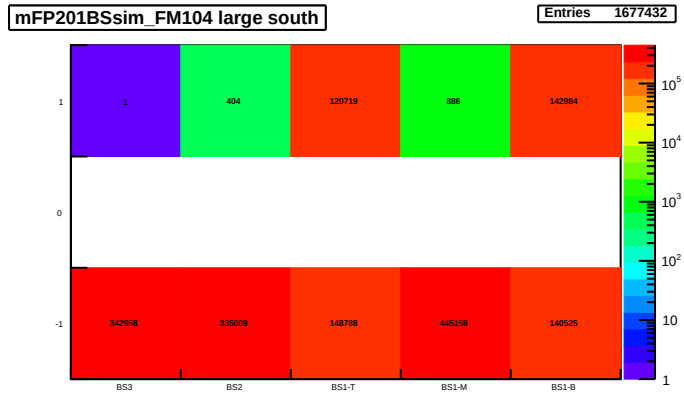

mFP201BS_FM102 small south
Entries 1.120542e+07
89163
129836
152178
113972
106349
2.15192e+06
2.11125e+06
2.08891e+06
2.12711e+06
2.13474e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

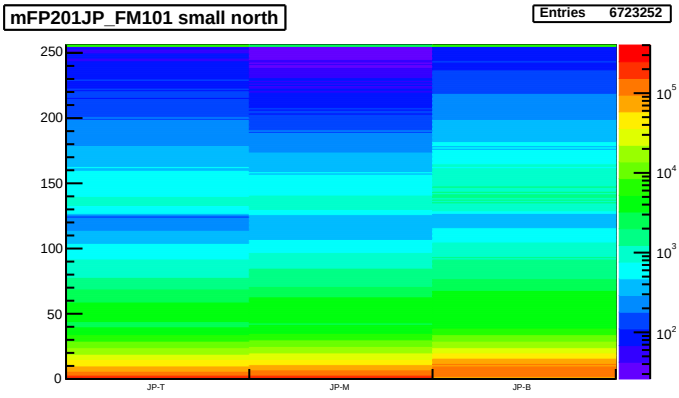

mFP201BSsim_FM102 small south
Entries 1118905
89
493
473
274
202402
220109
227008
202081
265976
BS3
BS2
BS1-T
BS1-M
BS1-B

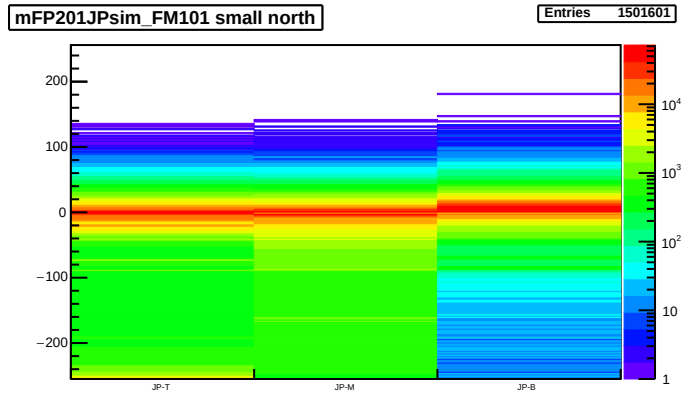

mFP201BS_FM103 large north
Entries 1.120542e+07
103292
219085
346592
405228
346032
2.13779e+06
2.022e+06
1.89449e+06
1.83586e+06
1.89505e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

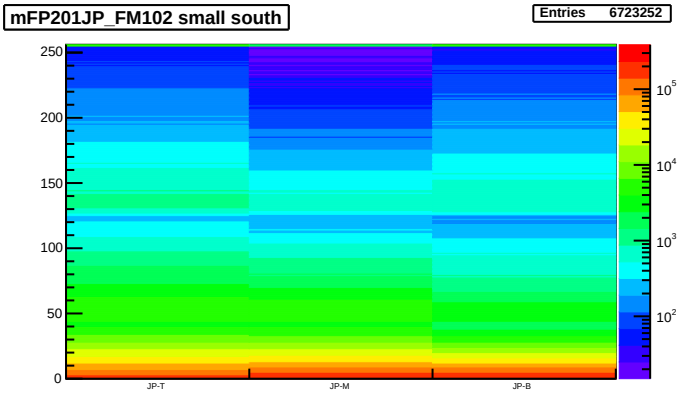

mFP201BSsim_FM103 large north
Entries 1580787
1
435
164359
635
161256
310174
316579
65222
454798
107328
BS3
BS2
BS1-T
BS1-M
BS1-B

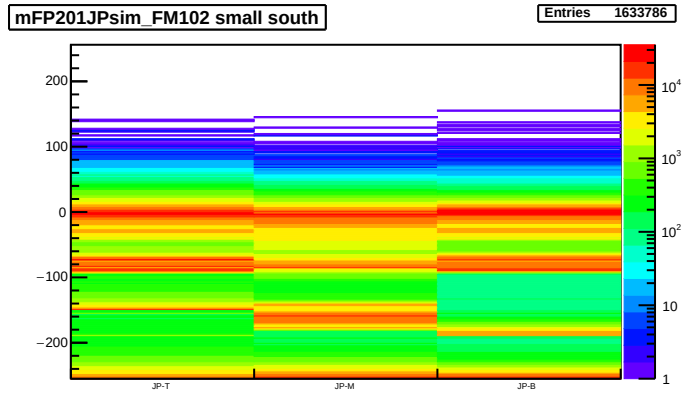

mFP201BS_FM104 large south
Entries 1.120542e+07
83752
186513
281209
408161
333402
2.15733e+06
2.05457e+06
1.95988e+06
1.83292e+06
1.90768e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

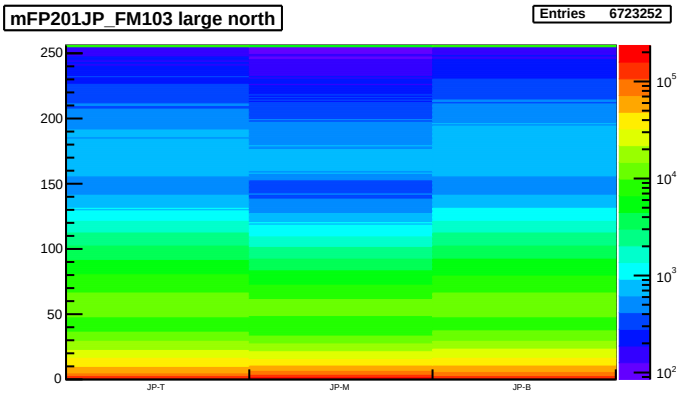

mFP201BSsim_FM104 large south
Entries 1677432
1
404
120719
886
142984
342958
335009
148788
445158
140525
BS3
BS2
BS1-T
BS1-M
BS1-B

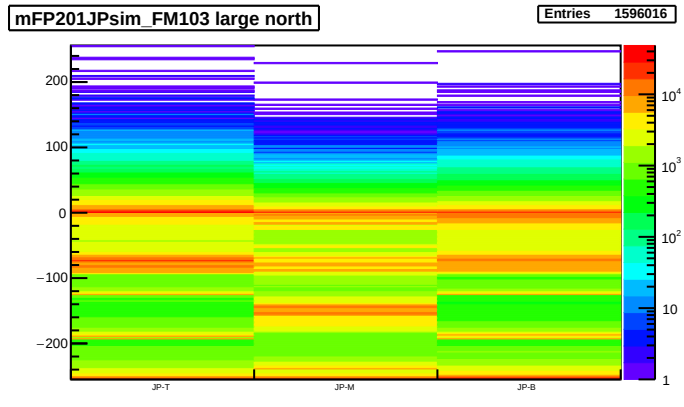

mFP201JP_FM101 small north
Entries 6723252
JP-T
JP-M
JP-B

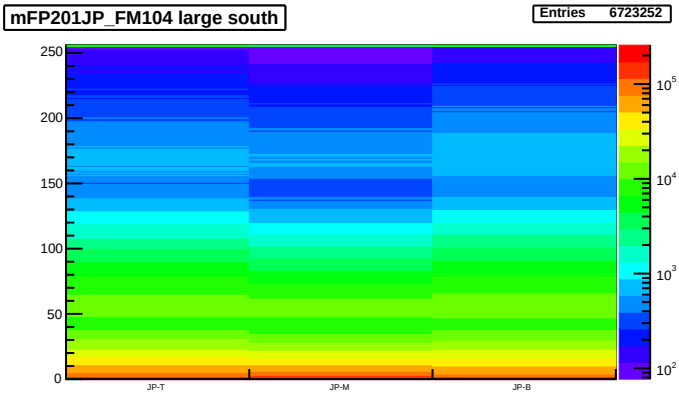

mFP201JPsim_FM101 small north
Entries 1501601
JP-T
JP-M
JP-B

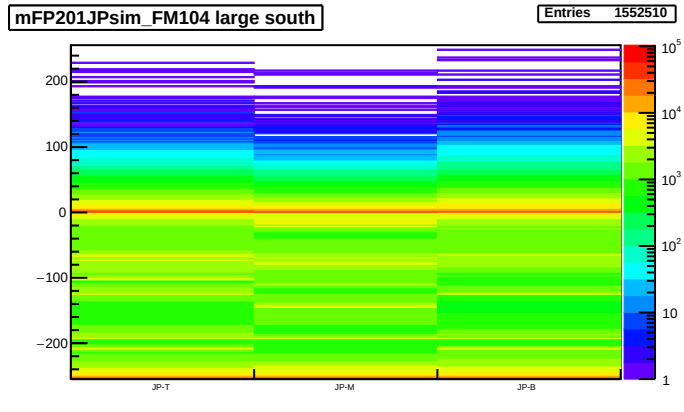

mFP201JP_FM102 small south
Entries 6723252
JP-T
JP-M
JP-B

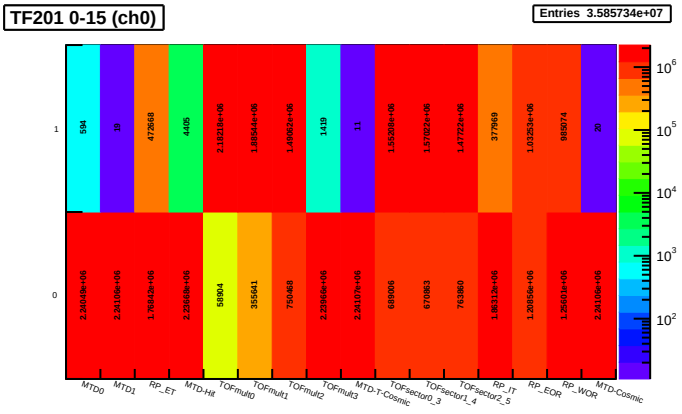

mFP201JPsim_FM102 small south
Entries 1633786
JP-T
JP-M
JP-B

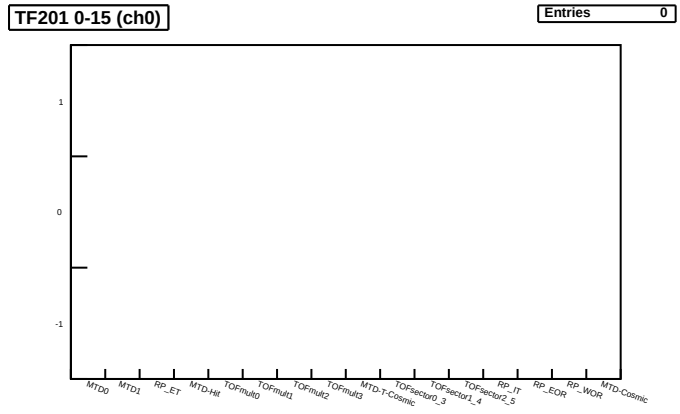

mFP201JP_FM103 large north
Entries 6723252
JP-T
JP-M
JP-B

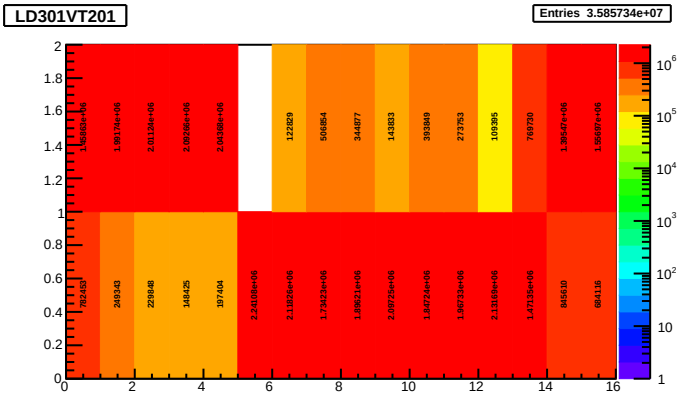

mFP201JPsim_FM103 large north
Entries 1596016
JP-T
JP-M
JP-B

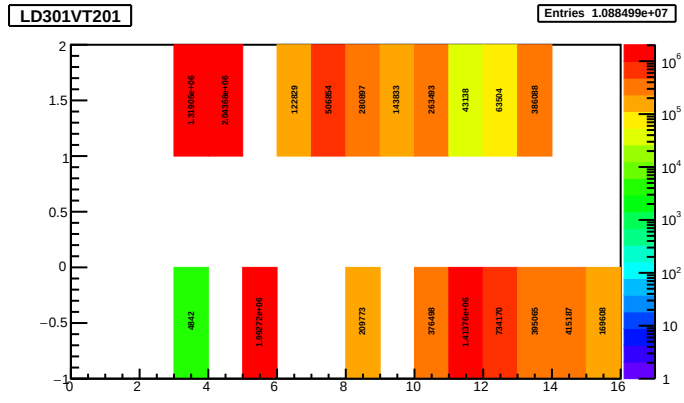

mFP201JP_FM104 large south
Entries 6723252
JP-T
JP-M
JP-B

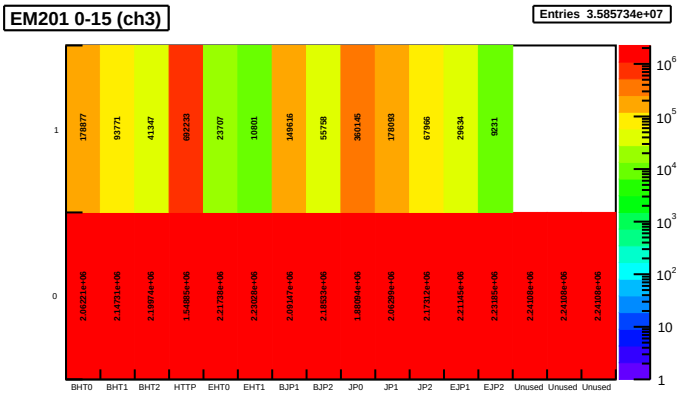

mFP201JPsim_FM104 large south
Entries 1552510
JP-T
JP-M
JP-B

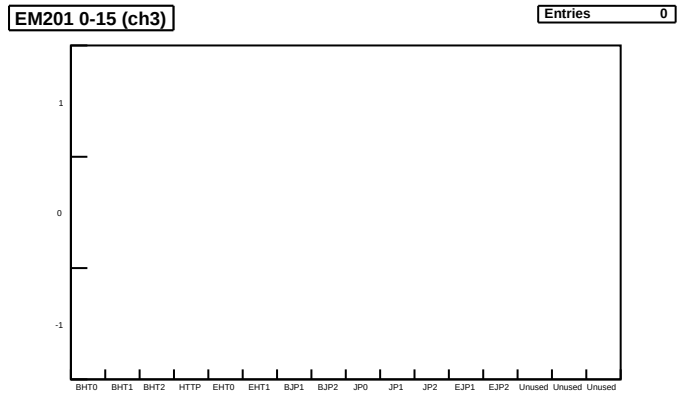

TF201 0-15 (ch0)
Entries 3.585734e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

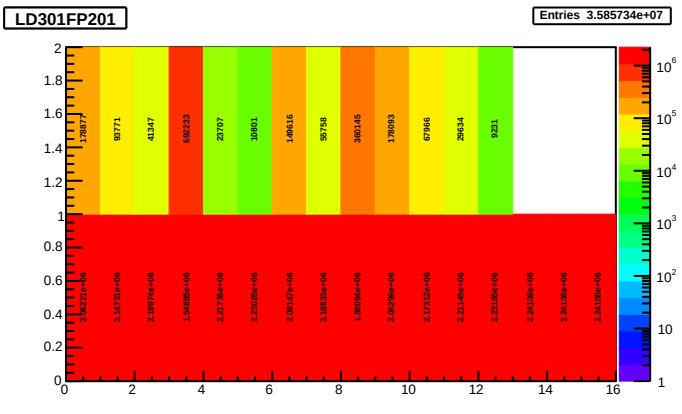

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

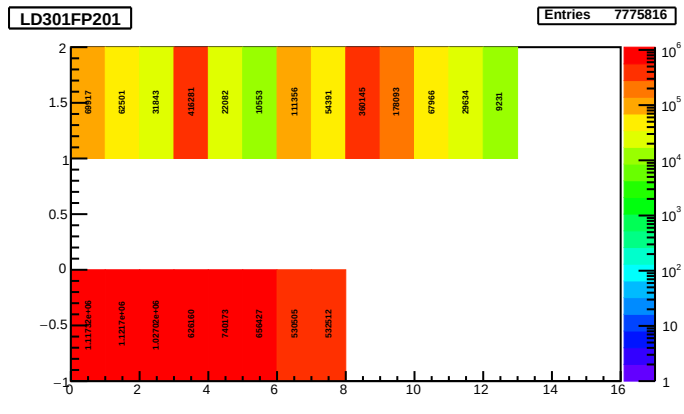

LD301VT201
Entries 3.585734e+07


LD301VT201
Entries 1.088499e+07


EM201 0-15 (ch3)
Entries 3.585734e+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 3.585734e+07


LD301FP201
Entries 7775816