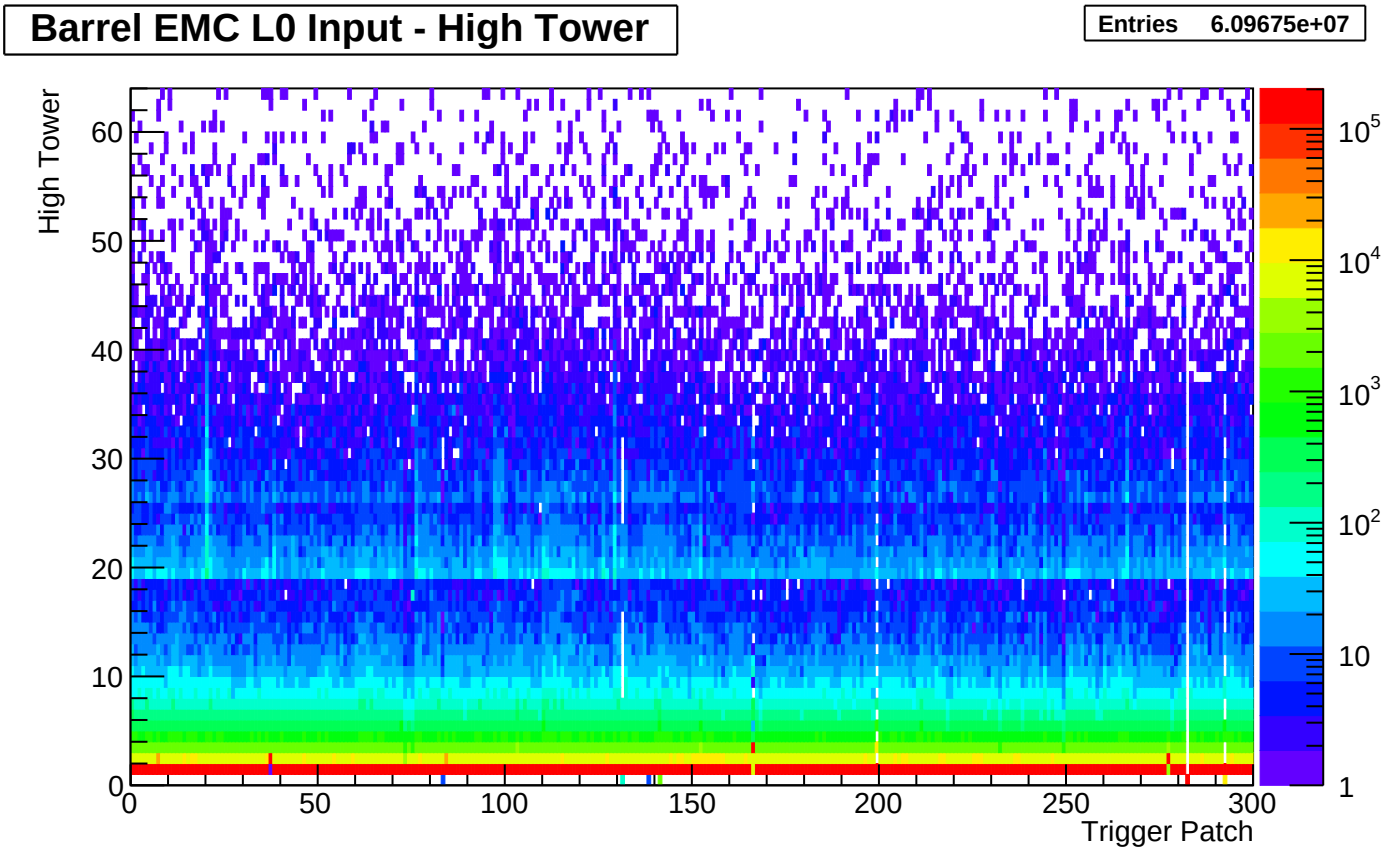
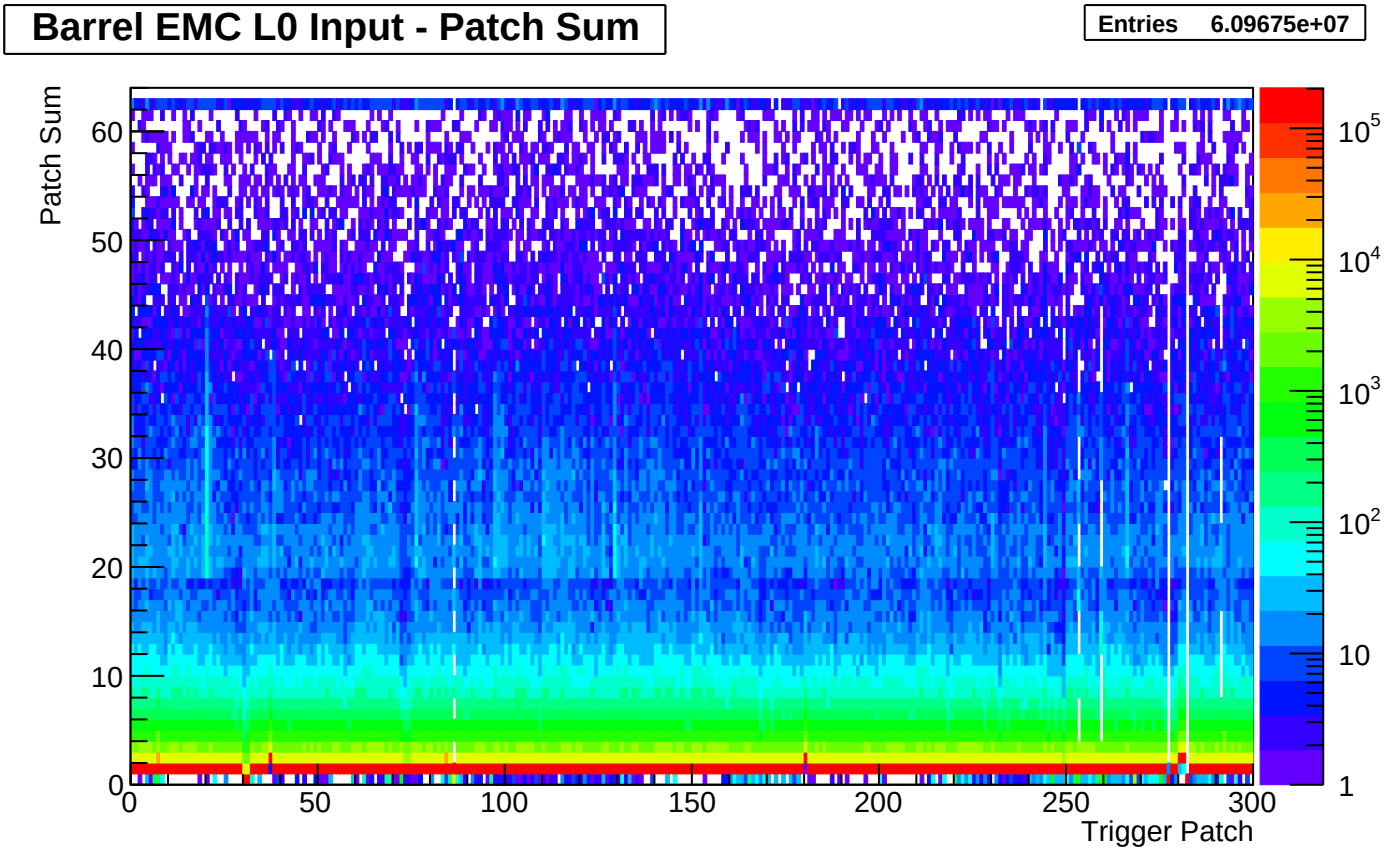
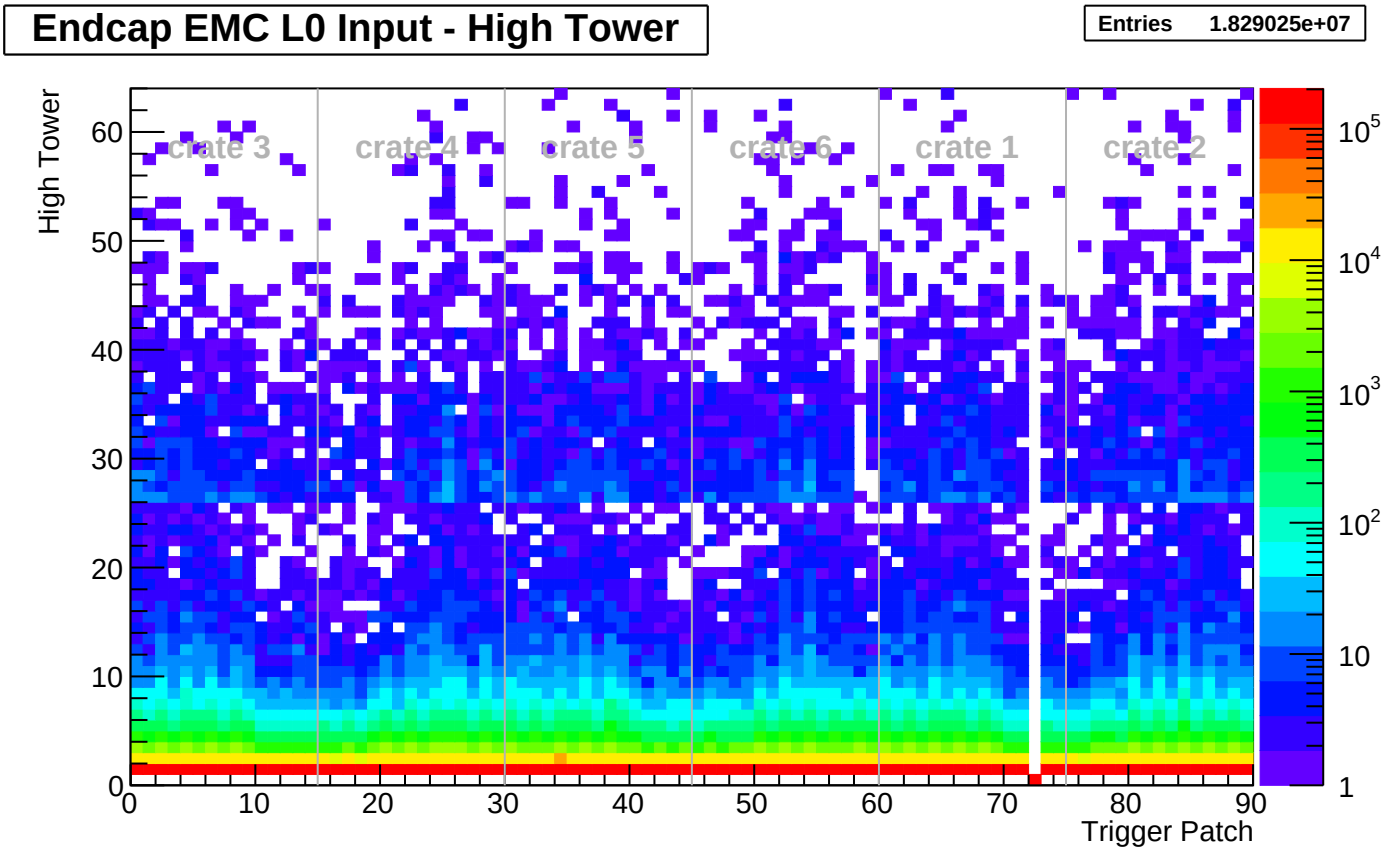
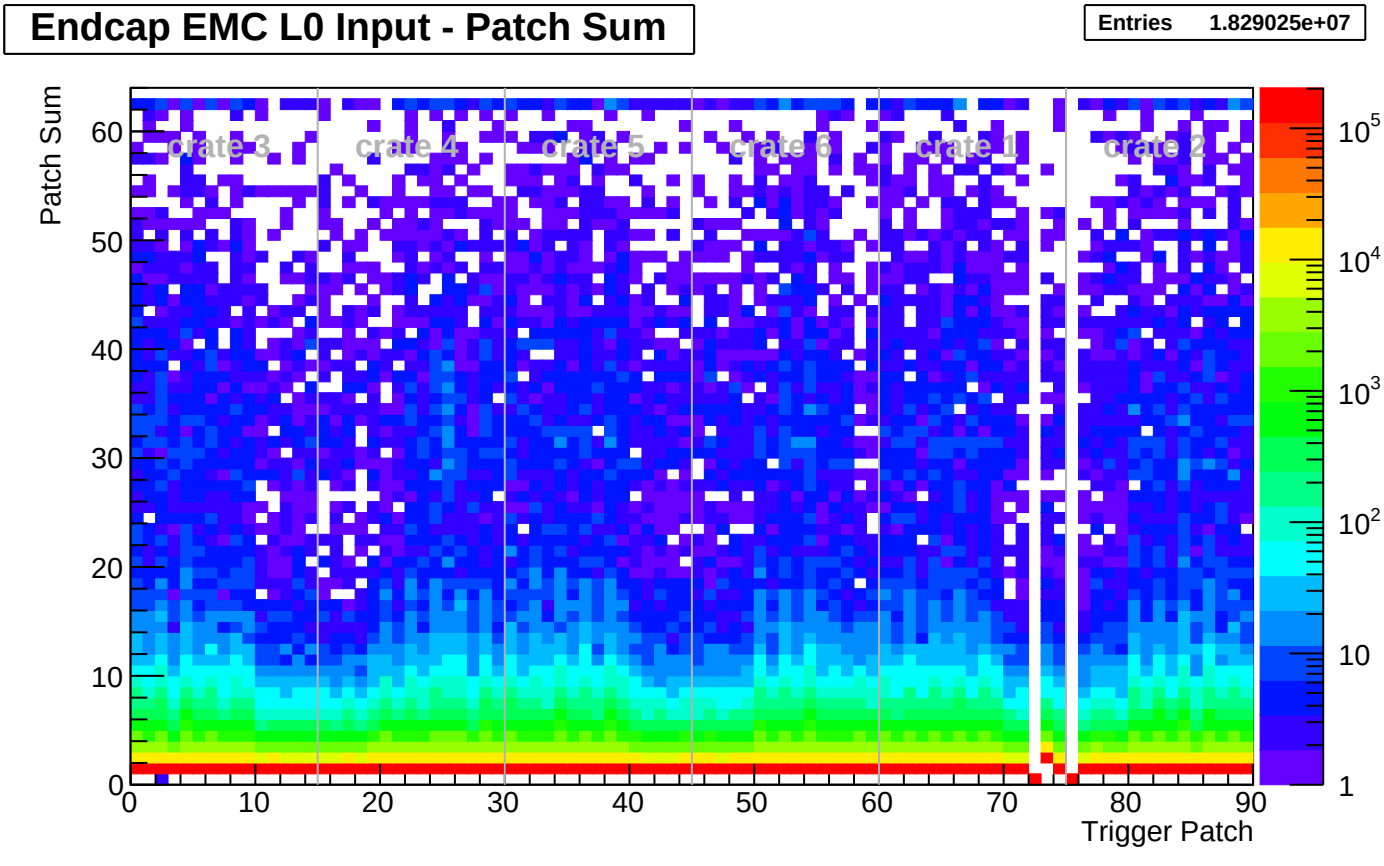
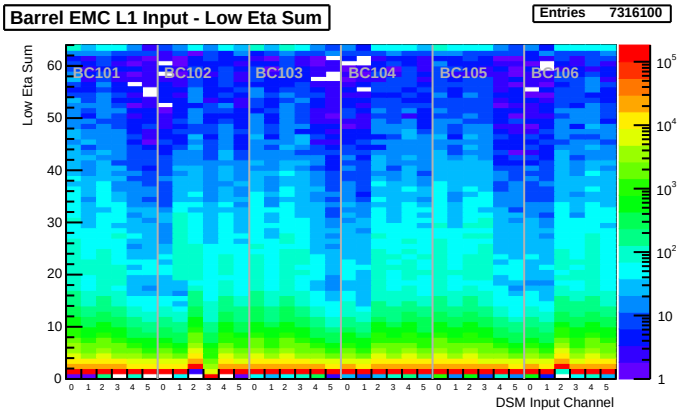
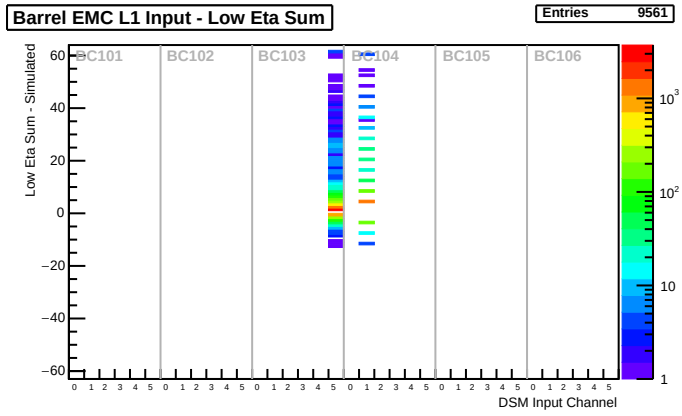

Barrel EMC L0 Input - High Tower
Entries 6.09675e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

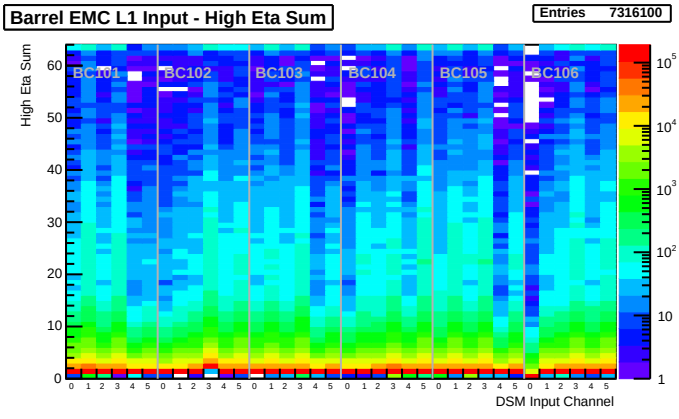

Barrel EMC L0 Input - Patch Sum
Entries 6.09675e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

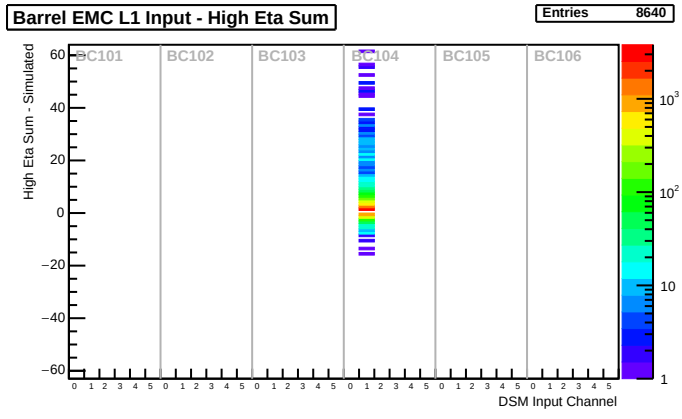

Endcap EMC L0 Input - High Tower
Entries 1.829025e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

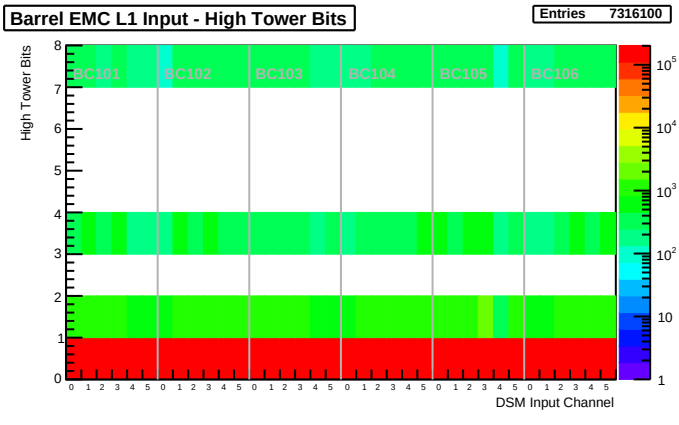

Endcap EMC L0 Input - Patch Sum
Entries 1.829025e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

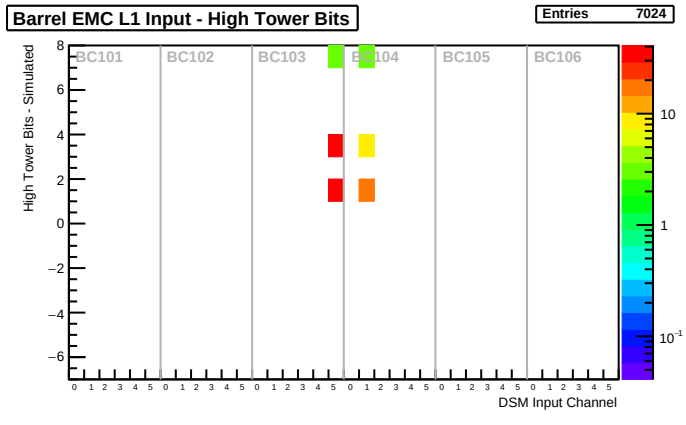

Barrel EMC L1 Input - Low Eta Sum
Entries 7316100
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

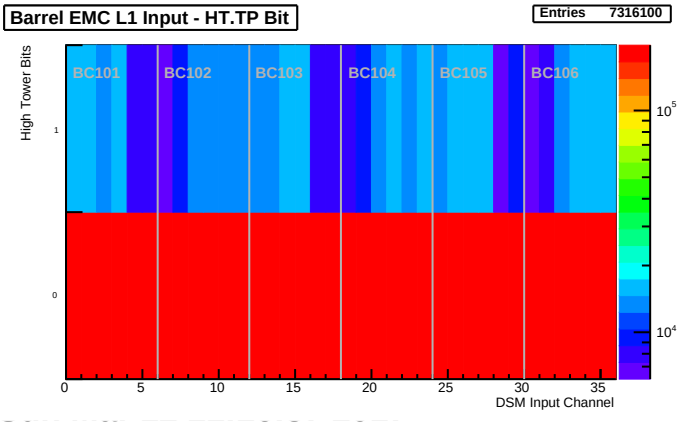

Barrel EMC L1 Input - Low Eta Sum
Entries 9561
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

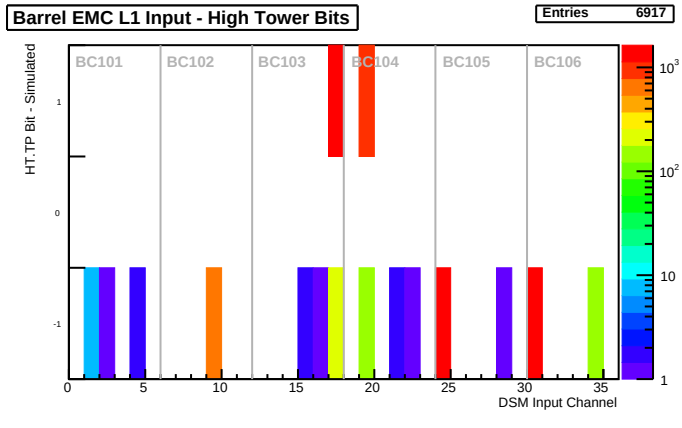

Barrel EMC L1 Input - High Eta Sum
Entries 7316100
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

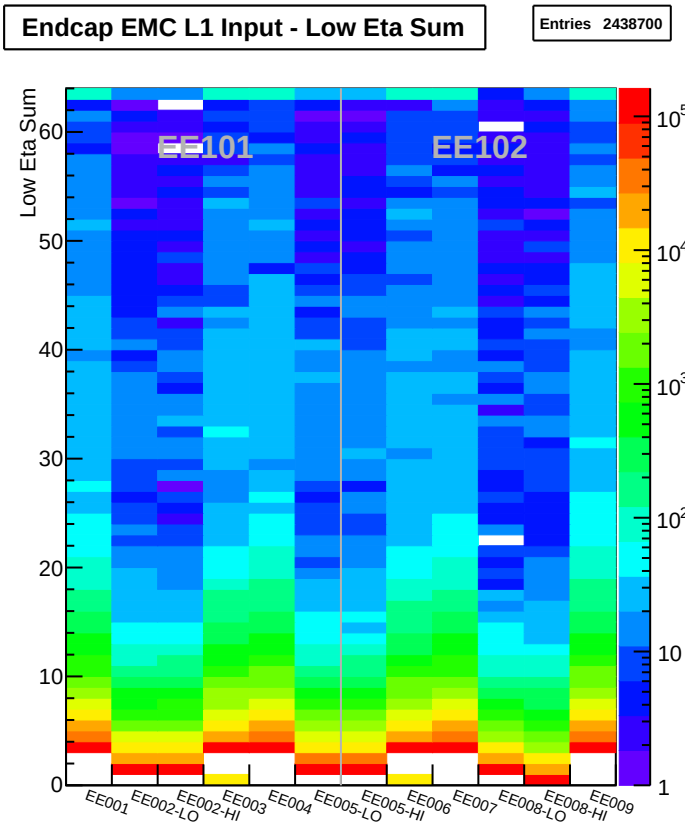

Barrel EMC L1 Input - High Eta Sum
Entries 8640
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

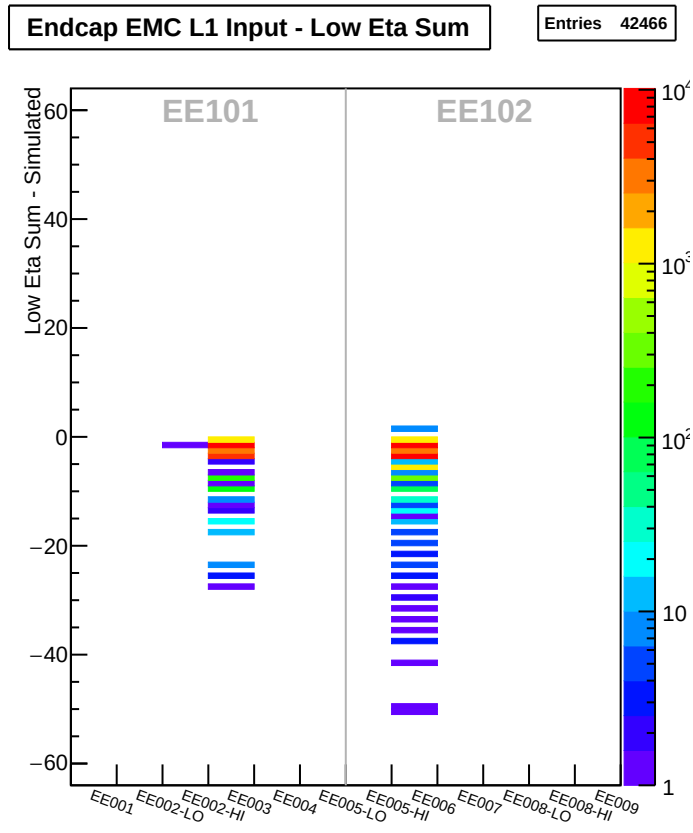

Barrel EMC L1 Input - High Tower Bits
Entries 7316100
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

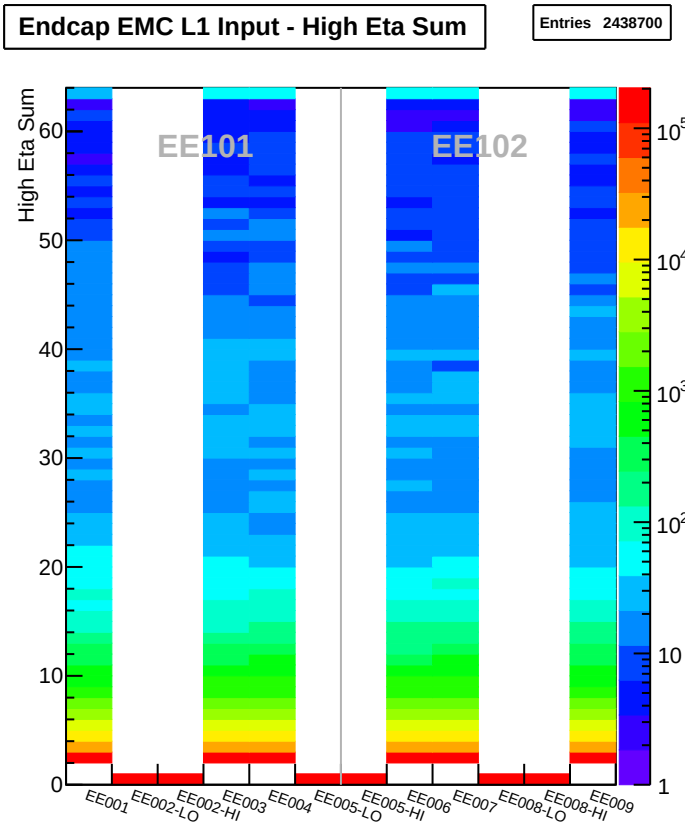

Barrel EMC L1 Input - High Tower Bits
Entries 7024
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

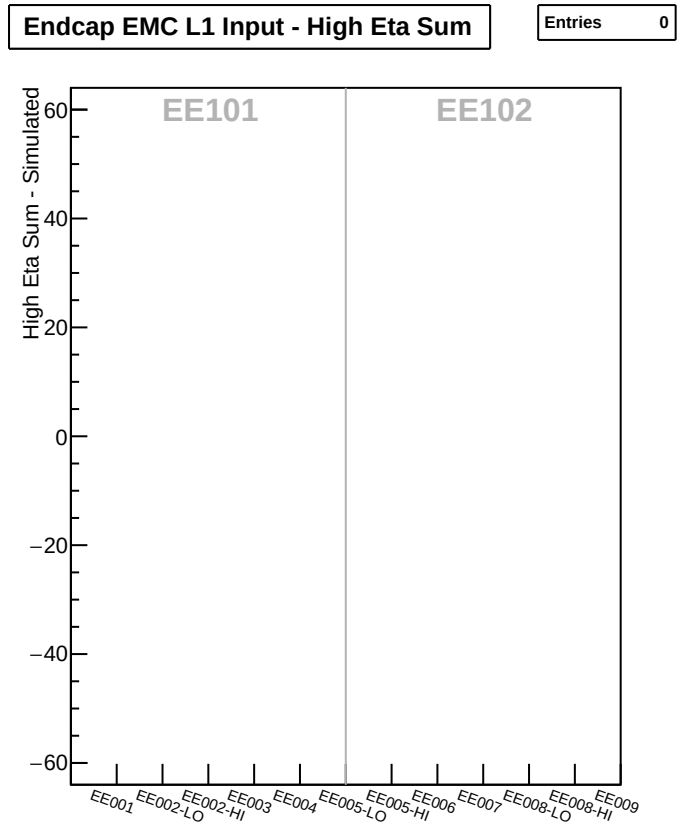

Barrel EMC L1 Input - HT.TP Bit
Entries 7316100
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

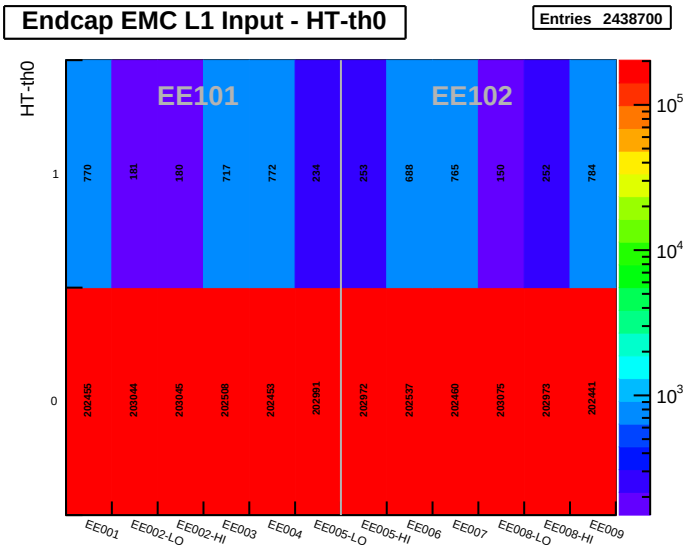

Barrel EMC L1 Input - High Tower Bits
Entries 6917
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

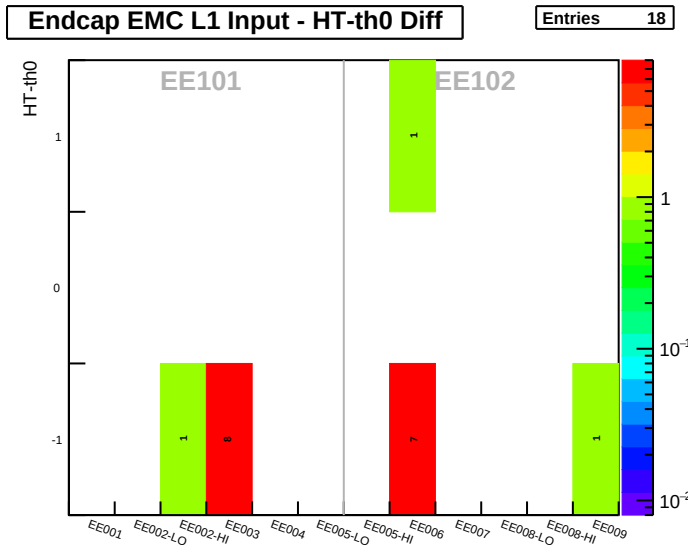

Endcap EMC L1 Input - Low Eta Sum
Entries 2438700
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

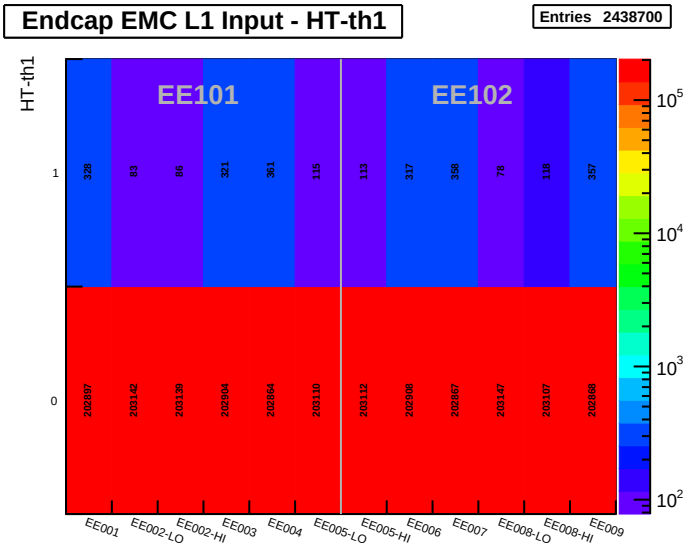

Endcap EMC L1 Input - Low Eta Sum
Entries 42466
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

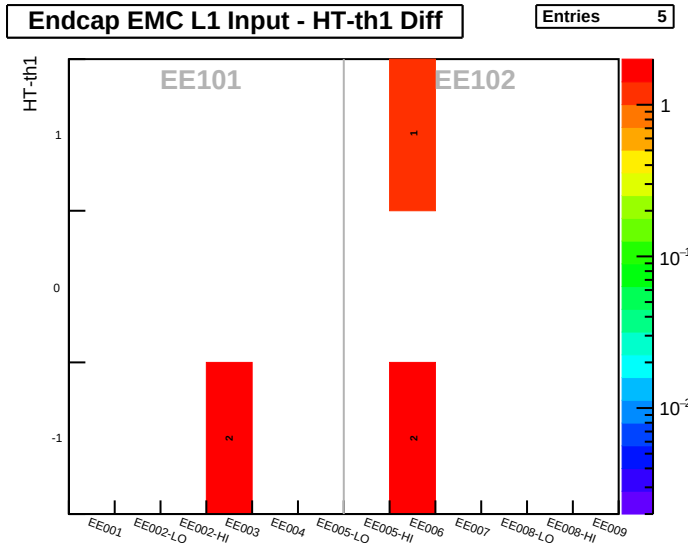

Endcap EMC L1 Input - High Eta Sum
Entries 2438700
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

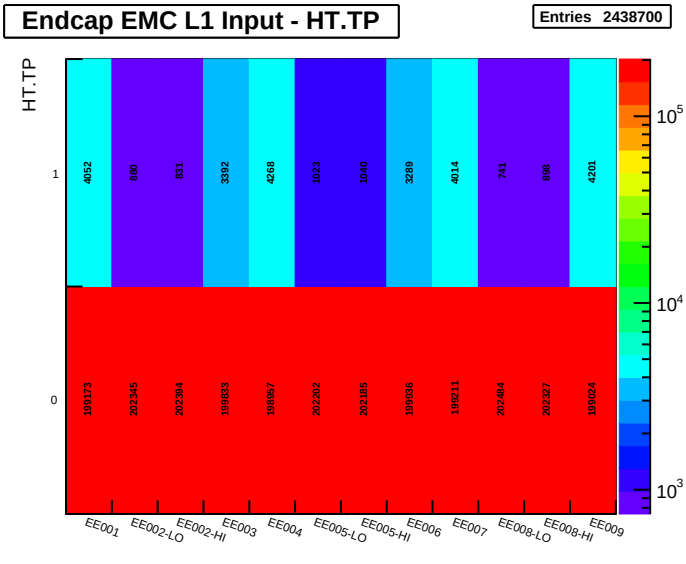

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

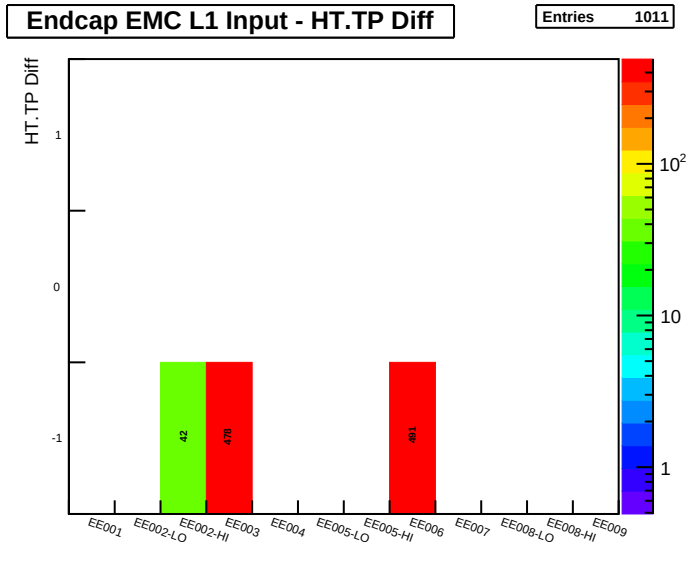

Endcap EMC L1 Input - HT-th0
Entries 2438700
HT-th0
EE101
EE102
770 181 180 717 772 234 253 688 765 150 252 784
202455 203044 203045 202508 202453 202991 202972 202537 202460 203075 202973 202441
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

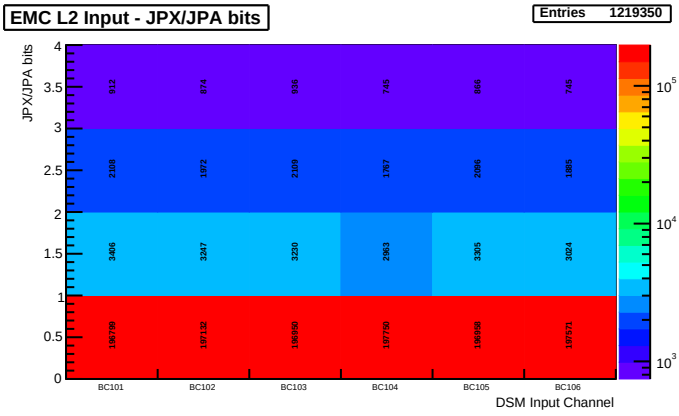

Endcap EMC L1 Input - HT-th0 Diff
Entries 18
HT-th0
EE101
EE102
1 8 7 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

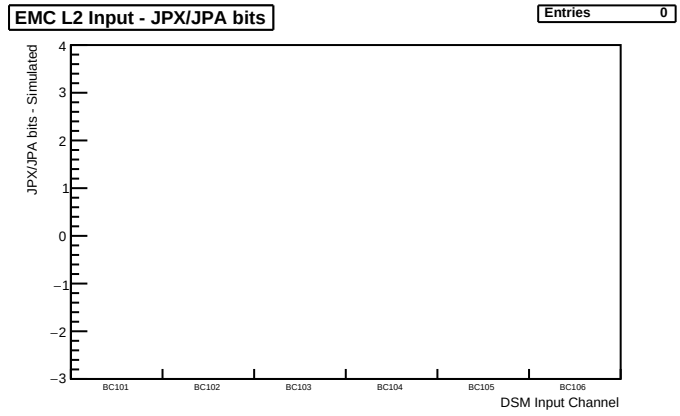

Endcap EMC L1 Input - HT-th1
Entries 2438700
HT-th1
EE101
EE102
328 83 86 321 361 115 113 317 358 78 118 357
202897 203142 203139 202904 202864 203110 203112 202908 202867 203147 203107 202868
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

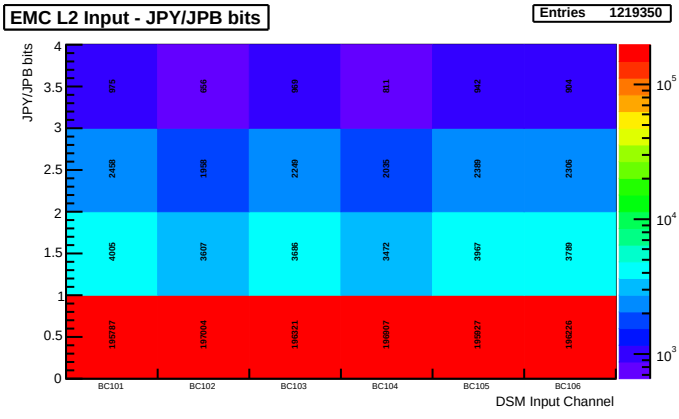

Endcap EMC L1 Input - HT-th1 Diff
Entries 5
HT-th1
EE101
EE102
1
2 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

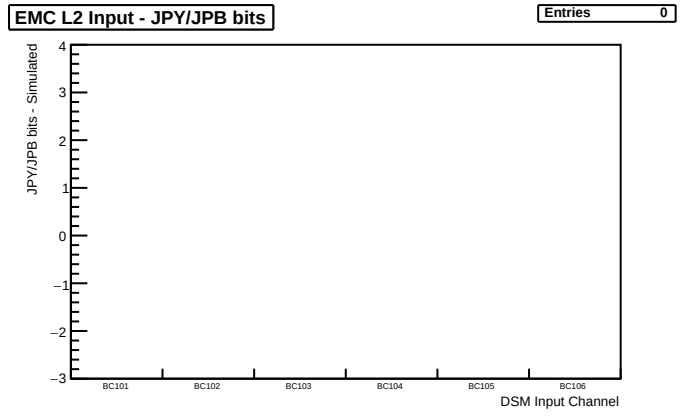

Endcap EMC L1 Input - HT.TP
Entries 2438700
HT.TP
4052 880 831 3392 4268 1023 1040 3289 4014 741 898 4201
199173 202345 202394 199833 198957 202202 202185 199936 199211 202484 202327 199024
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

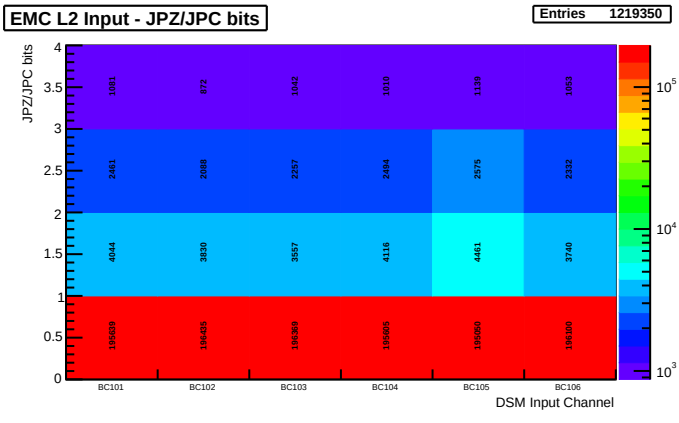

Endcap EMC L1 Input - HT.TP Diff
Entries 1011
HT.TP Diff
42 478 491
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

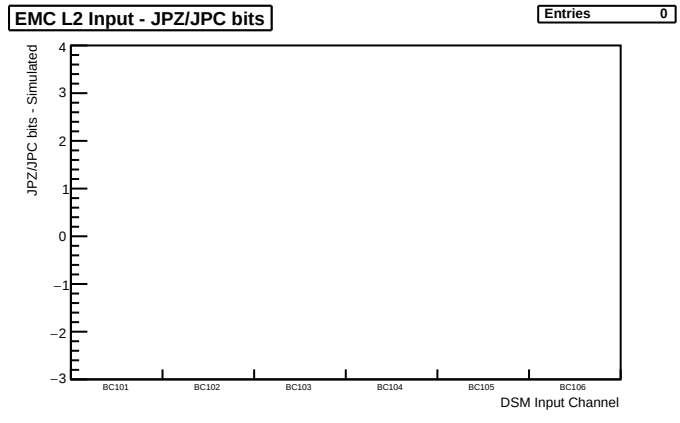

EMC L2 Input - JPX/JPA bits
Entries 1219350
JPX/JPA bits
912 874 936 745 866 745
2108 1972 2109 1767 2096 1885
3406 3247 3230 2963 3305 3024
196799 197132 196950 197750 196998 197571
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

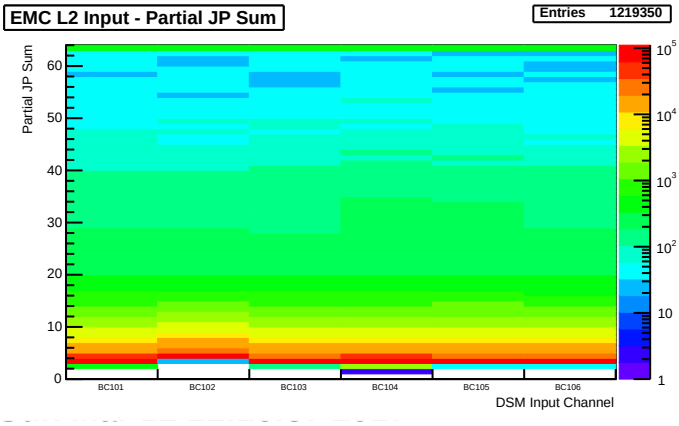

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

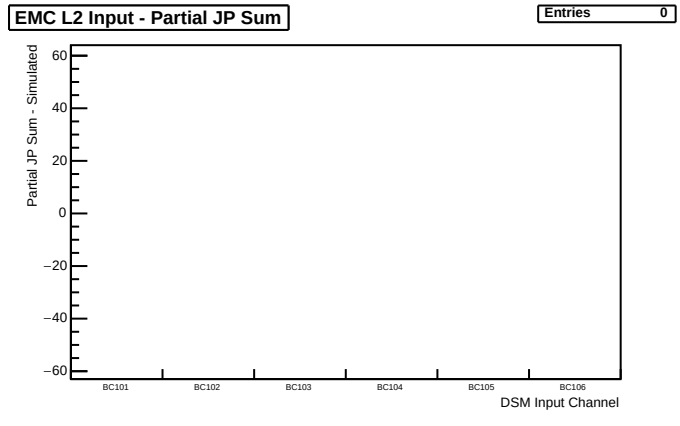

EMC L2 Input - JPY/JPB bits
Entries 1219350
JPY/JPB bits
975 656 969 811 942 904
2498 1998 2249 2035 2389 2306
4005 3607 3696 3472 3967 3789
195787 197004 196821 196907 199927 196226
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

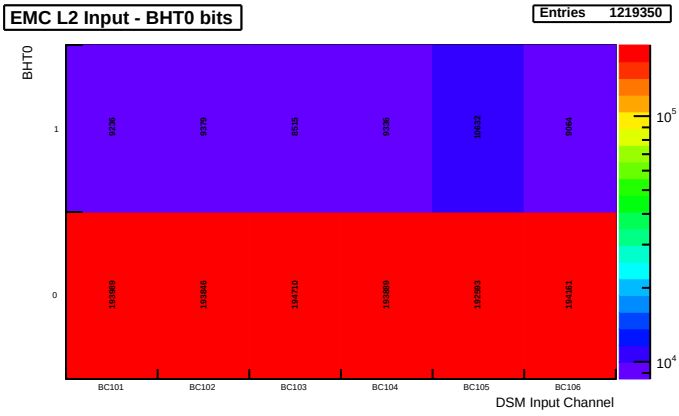

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

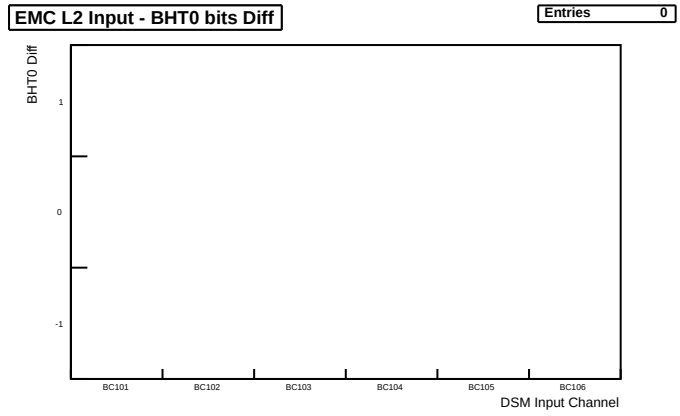

EMC L2 Input - JPZ/JPC bits
Entries 1219350
JPZ/JPC bits
1061 872 1042 1010 1139 1053
2461 2088 2257 2494 2575 2332
4044 3830 3557 4116 4461 3740
195839 196435 196369 195905 195050 196100
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

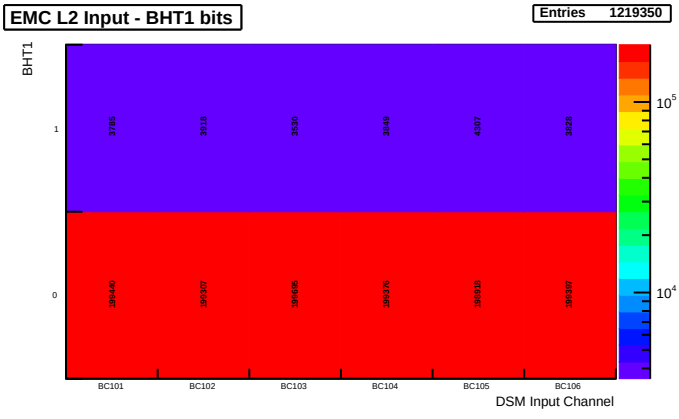

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

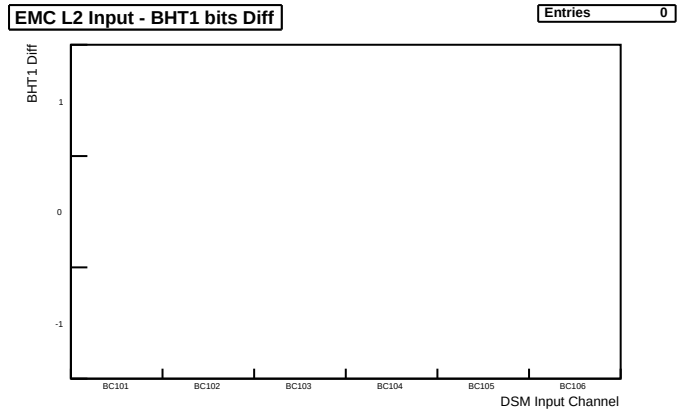

EMC L2 Input - Partial JP Sum
Entries 1219350
Partial JP Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

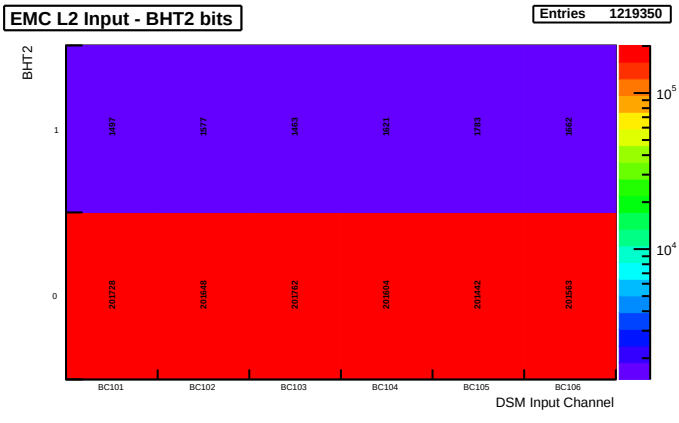

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

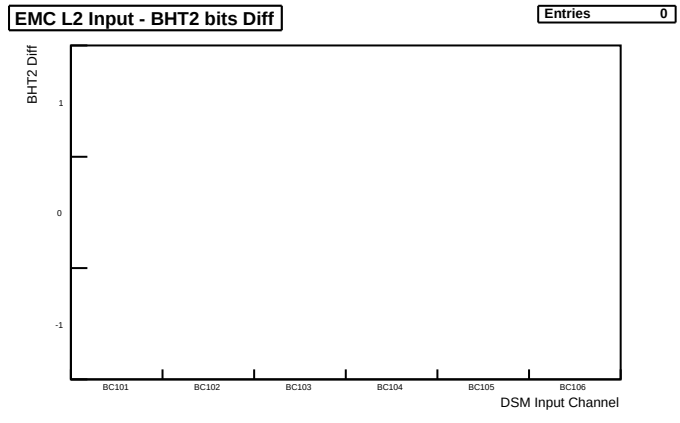

EMC L2 Input - BHT0 bits
Entries 1219350
BHT0
1
0
9236
9379
8515
9336
10632
9064
193989
193946
194710
193989
192393
194161
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

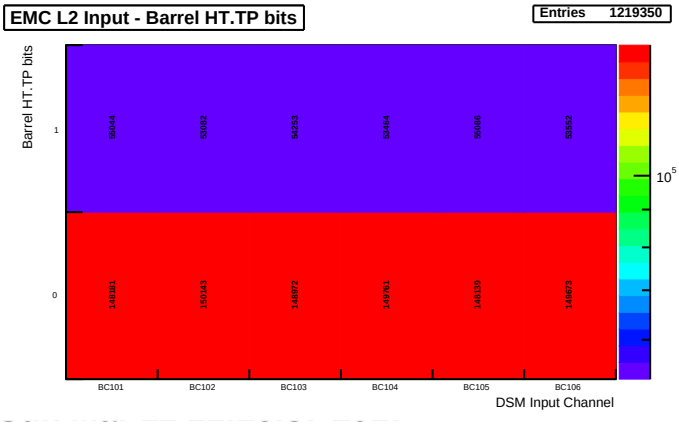

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

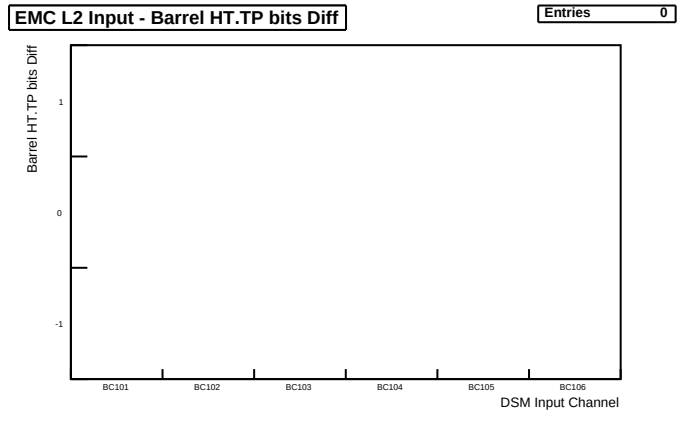

EMC L2 Input - BHT1 bits
Entries 1219350
BHT1
1
0
3785
3918
3530
3349
4307
3328
199440
199307
199695
199376
198918
199397
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

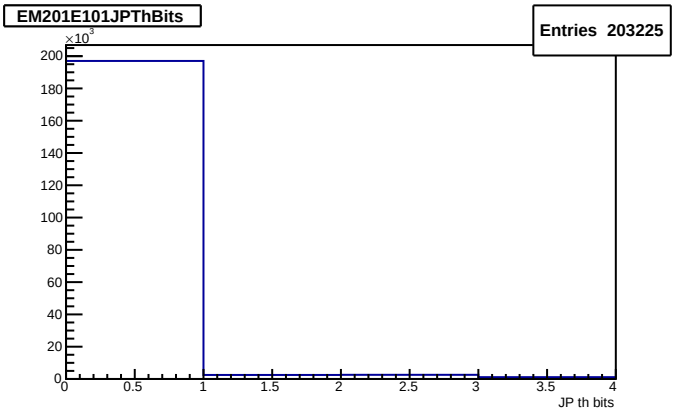

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

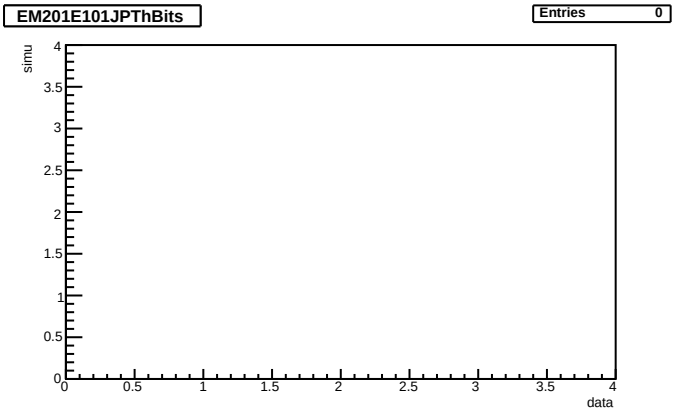

EMC L2 Input - BHT2 bits
Entries 1219350
BHT2
1
0
1497
1577
1463
1621
1783
1662
201728
201648
201762
201604
201442
201563
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

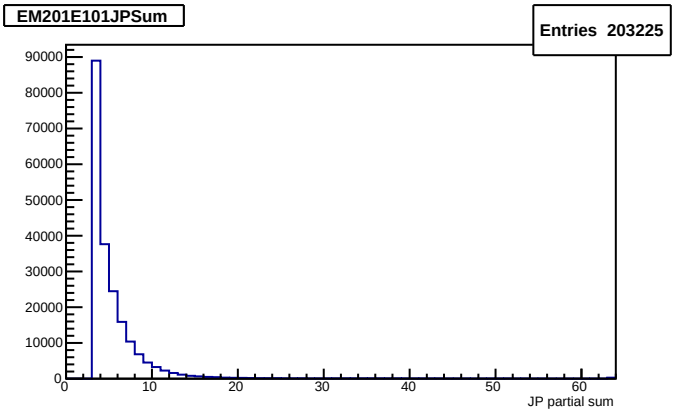

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

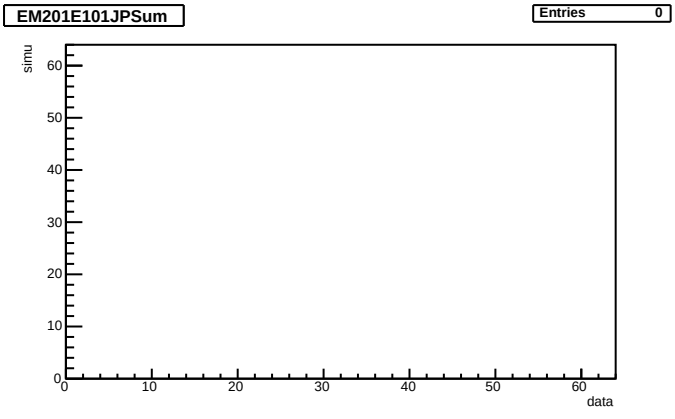

EMC L2 Input - Barrel HT.TP bits
Entries 1219350
Barrel HT.TP bits
1
0
55044
53092
54253
53464
55066
53552
148181
150143
148972
149761
148139
149673
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5

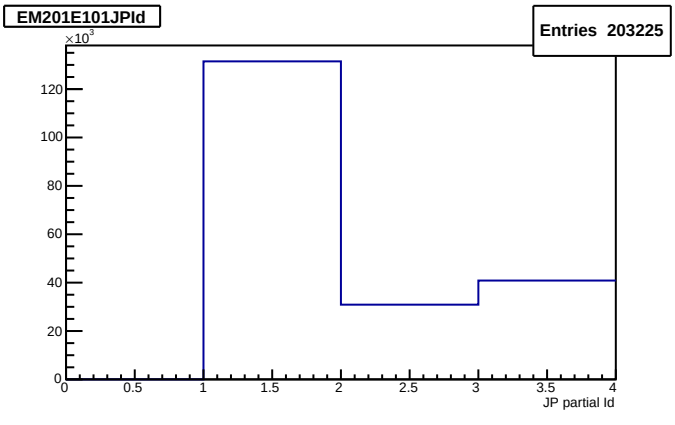

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

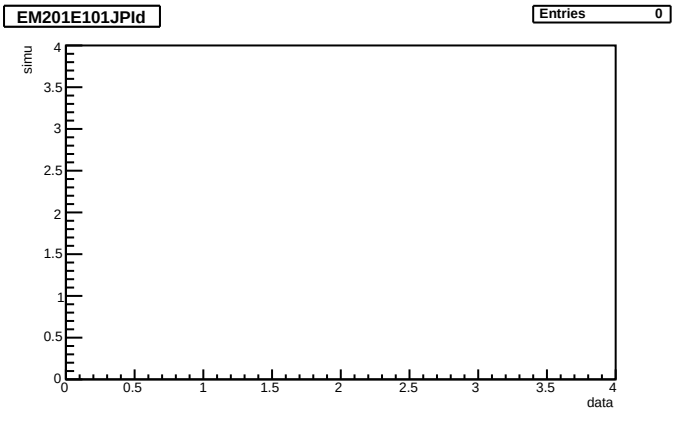

EM201E101JPThBits
Entries 203225
×10^3
JP th bits

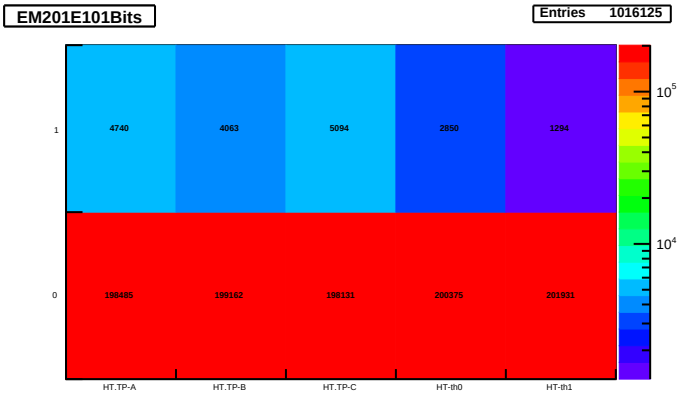

EM201E101JPThBits
Entries 0
simu
data

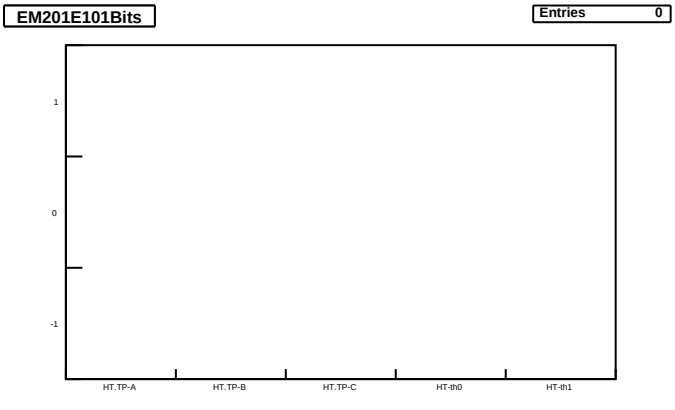

EM201E101JPSum
Entries 203225
JP partial sum

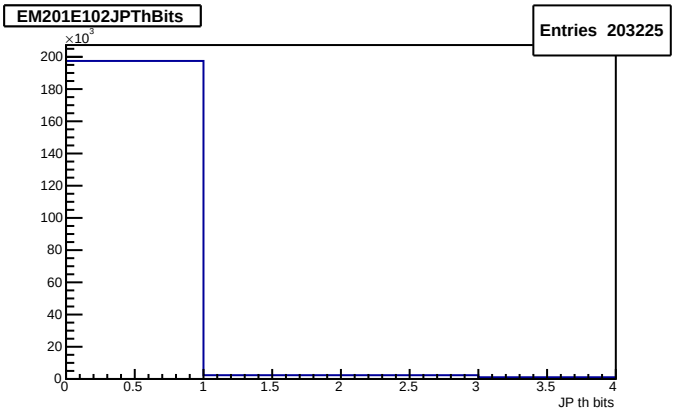

EM201E101JPSum
Entries 0
simu
data

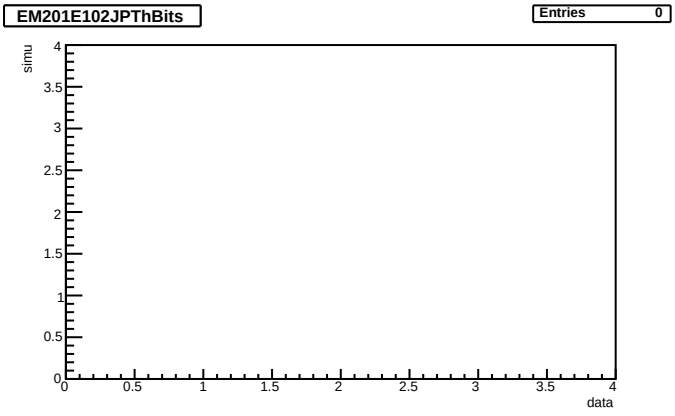

EM201E101JPId
Entries 203225
×10^3
JP partial Id

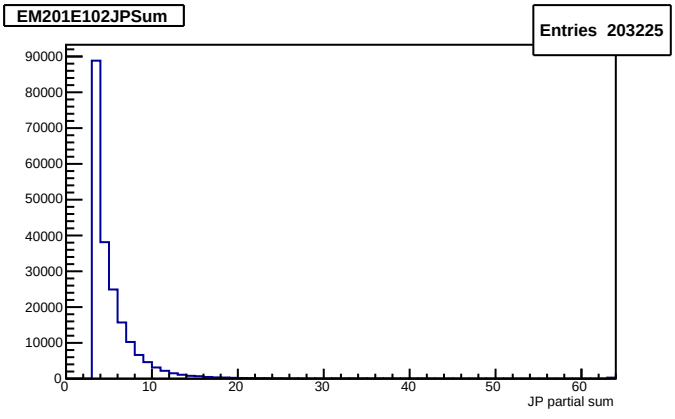

EM201E101JPId
Entries 0
simu
data

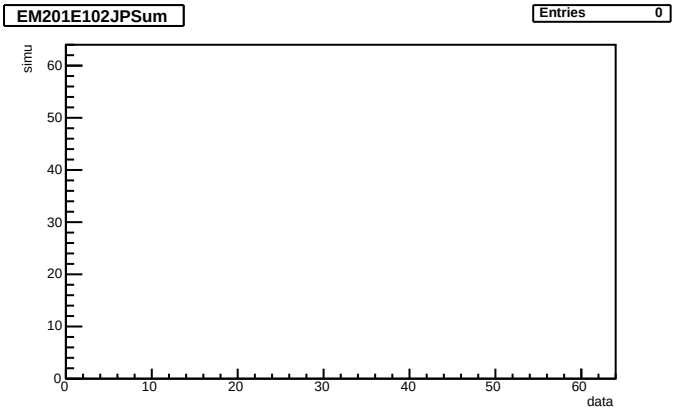

EM201E101Bits
Entries 1016125
4740
4063
5094
2850
1294
198485
199162
198131
200375
201931
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

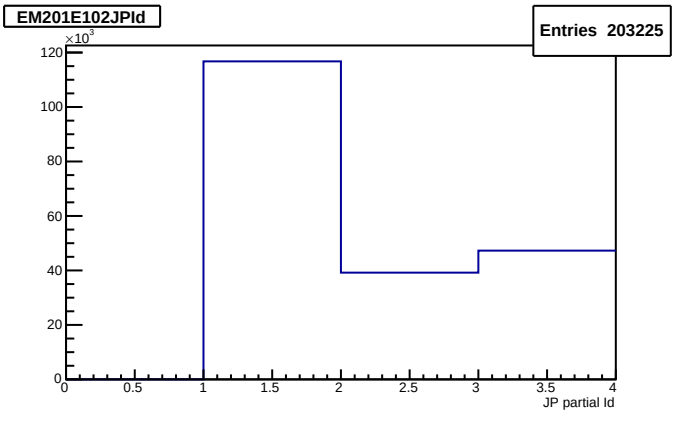

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

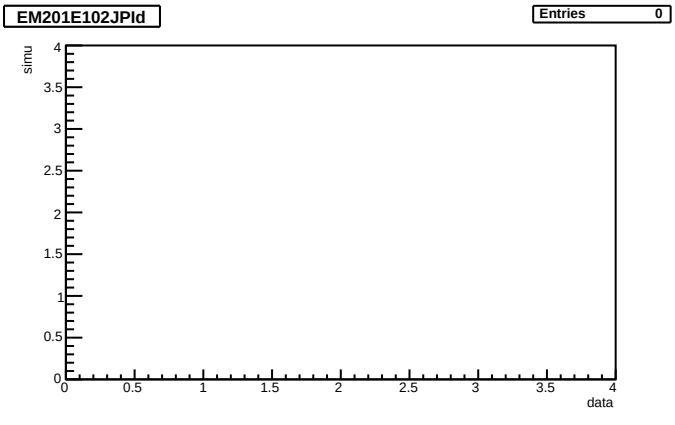

EM201E102JPThBits
Entries 203225
×10^3
JP th bits

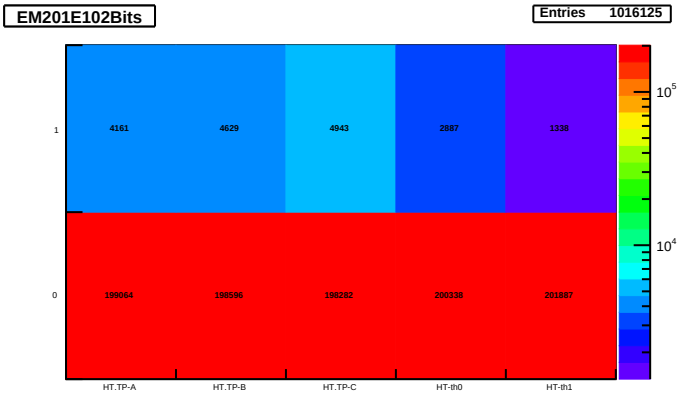

EM201E102JPThBits
Entries 0
simu
data

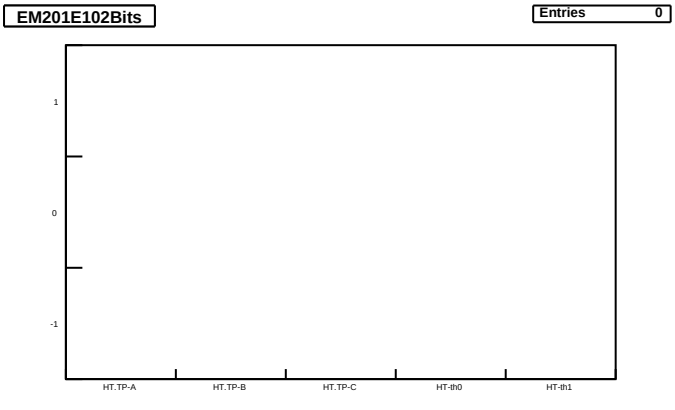

EM201E102JPSum
Entries 203225
JP partial sum

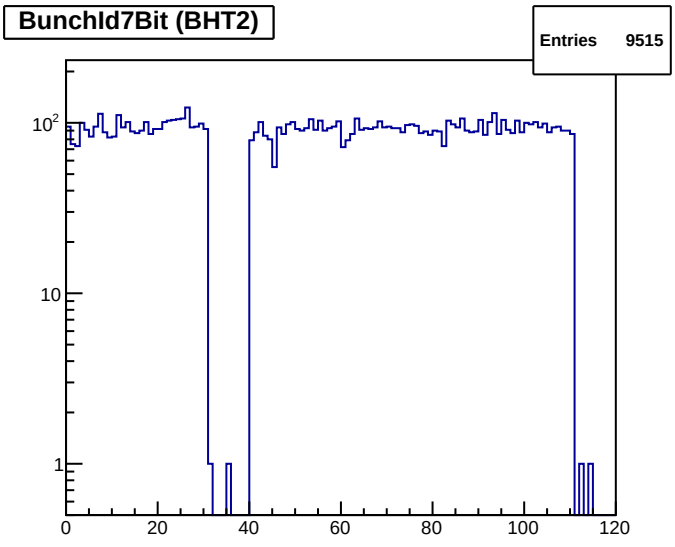

EM201E102JPSum
Entries 0
simu
data

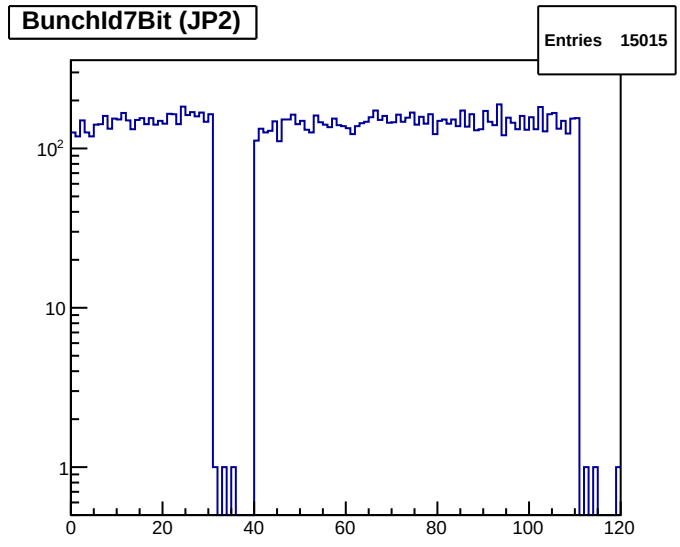

EM201E102JPId
Entries 203225
×10^3
JP partial Id

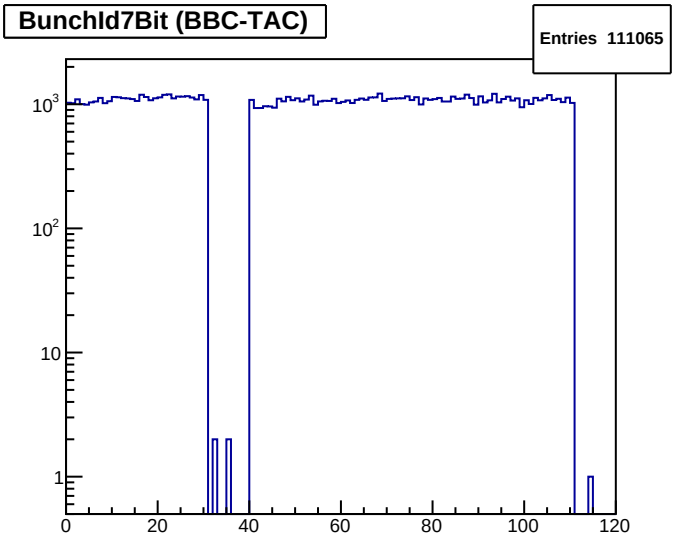

EM201E102JPId
Entries 0
simu
data

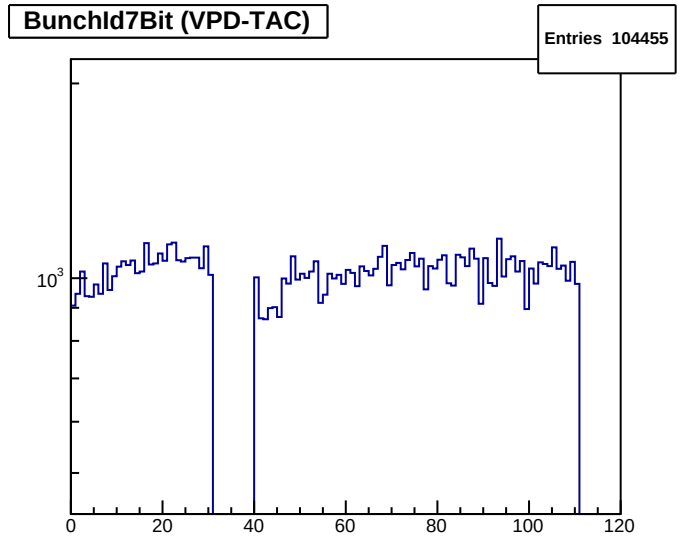

EM201E102Bits
Entries 1016125
4161
4629
4943
2887
1338
199064
198596
198282
200338
201887
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

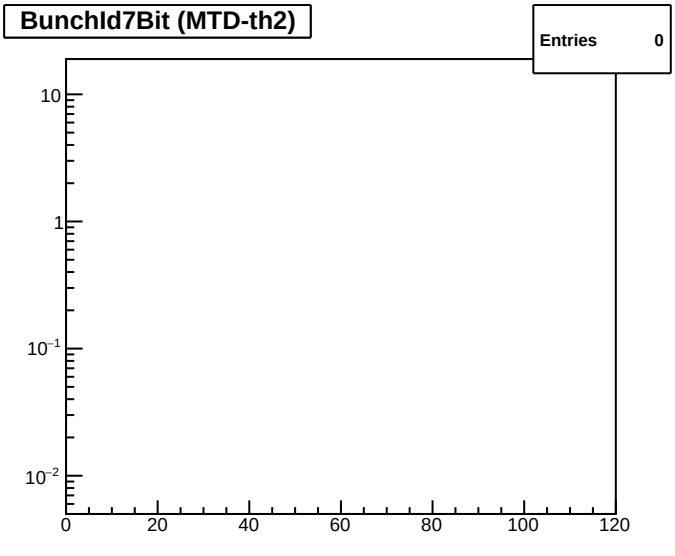

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

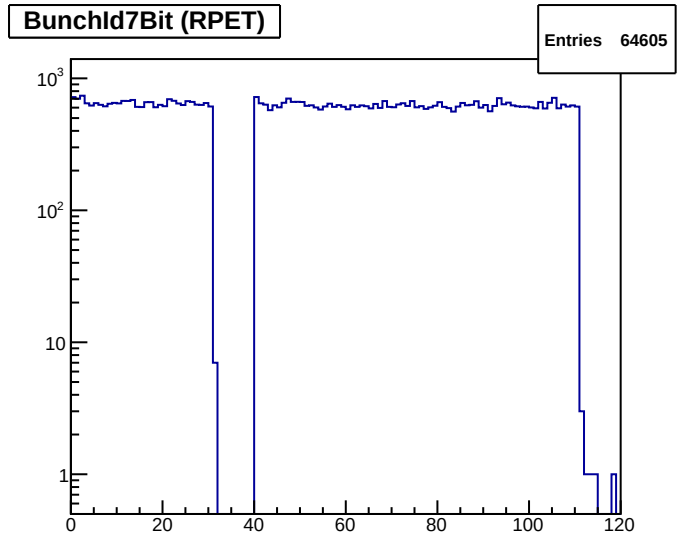

BunchId7Bit (BHT2)
Entries 9515
10^2
10
1
0
20
40
60
80
100
120

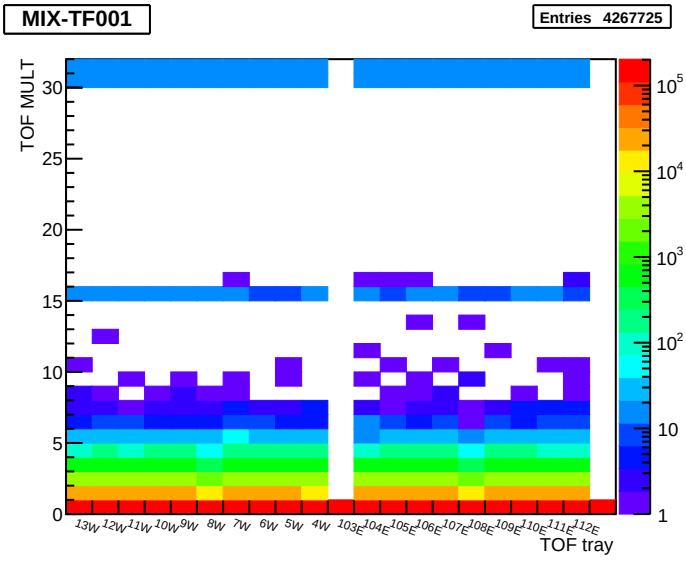

BunchId7Bit (JP2)
Entries 15015
10^2
10
1
0
20
40
60
80
100
120

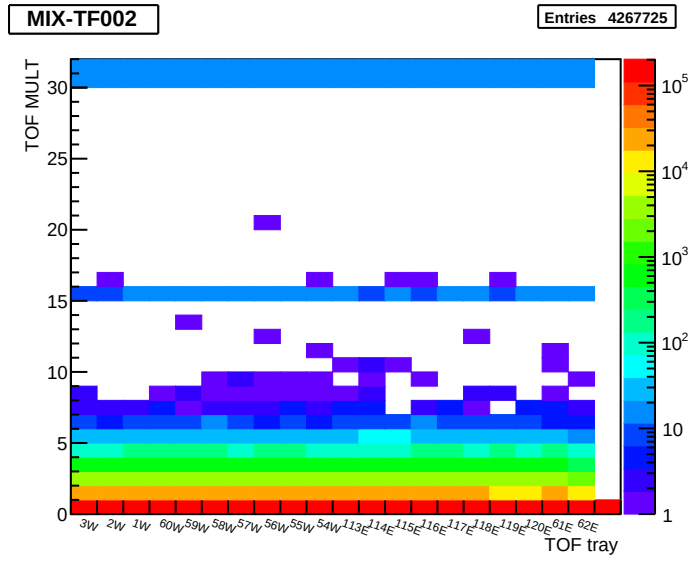

BunchId7Bit (BBC-TAC)
Entries 111065
10^3
10^2
10
1
0
20
40
60
80
100
120

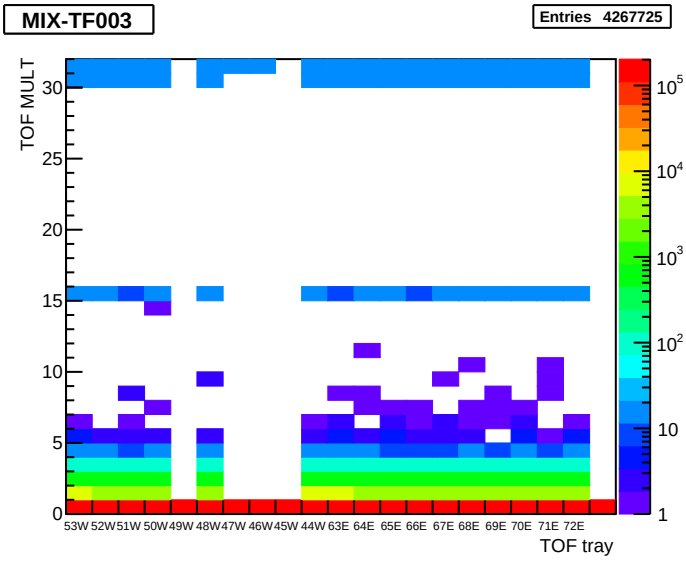

BunchId7Bit (VPD-TAC)
Entries 104455
10^3
0
20
40
60
80
100
120

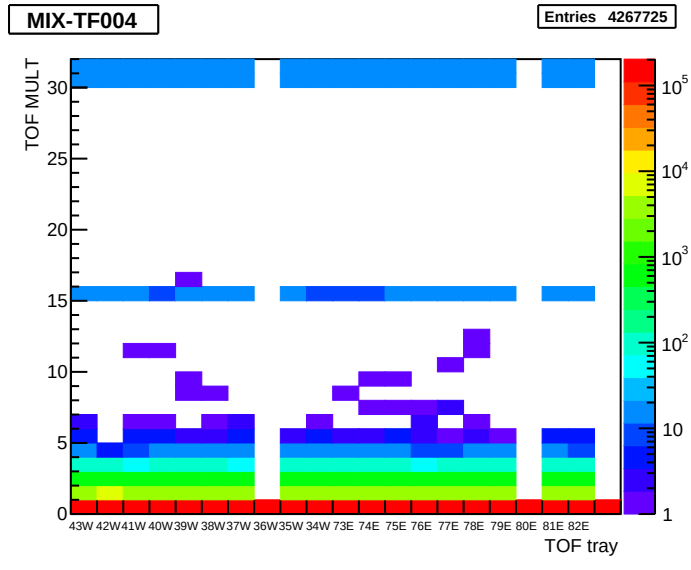

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

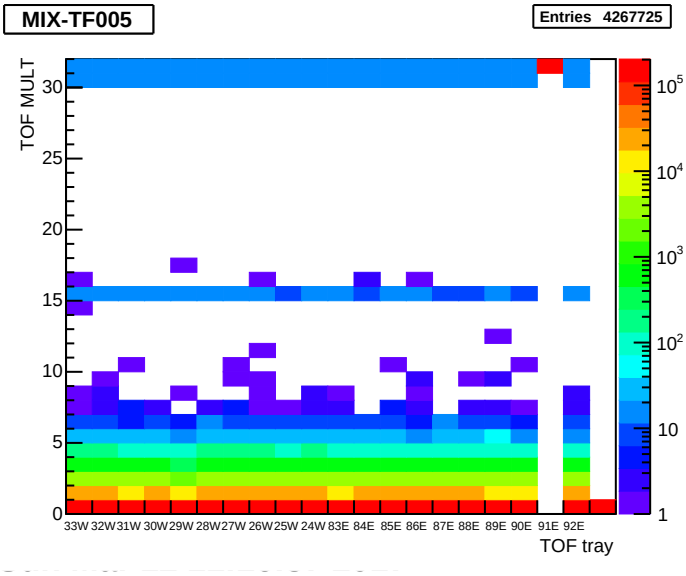

BunchId7Bit (RPET)
Entries 64605
10^3
10^2
10
1
0
20
40
60
80
100
120

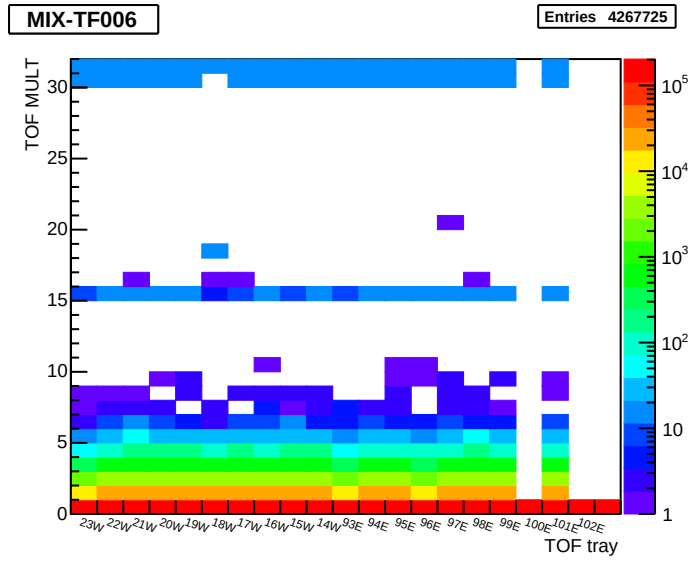

MIX-TF001
Entries 4267725
TOF MULT
TOF tray

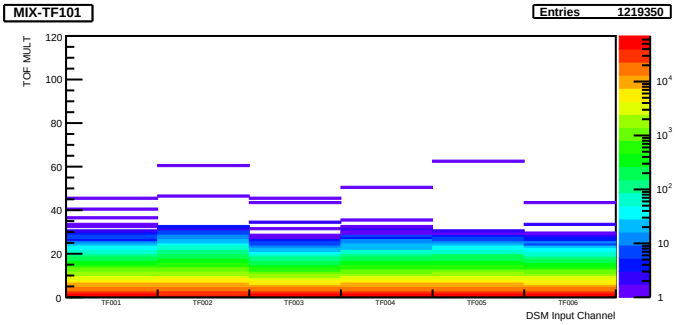

MIX-TF002
Entries 4267725
TOF MULT
TOF tray

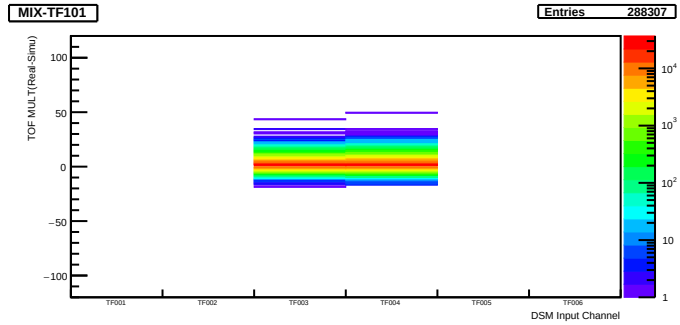

MIX-TF003
Entries 4267725
TOF MULT
TOF tray

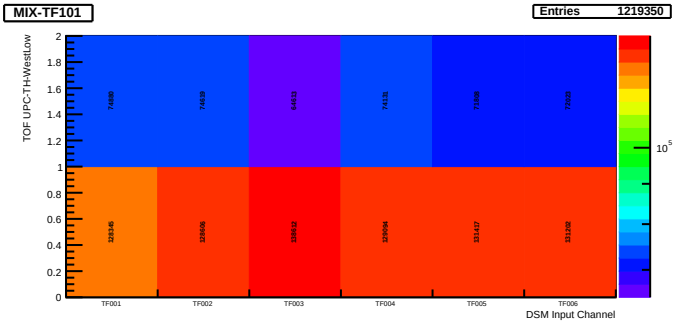

MIX-TF004
Entries 4267725
TOF MULT
TOF tray

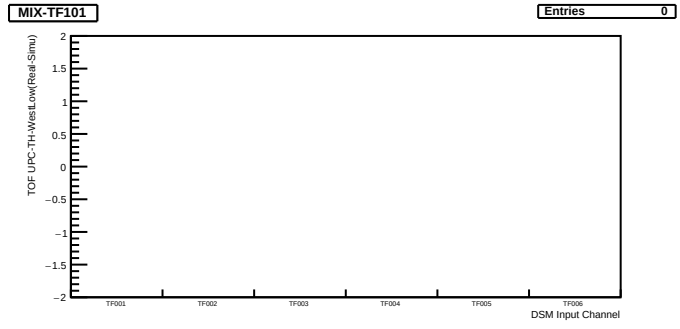

MIX-TF005
Entries 4267725
TOF MULT
TOF tray

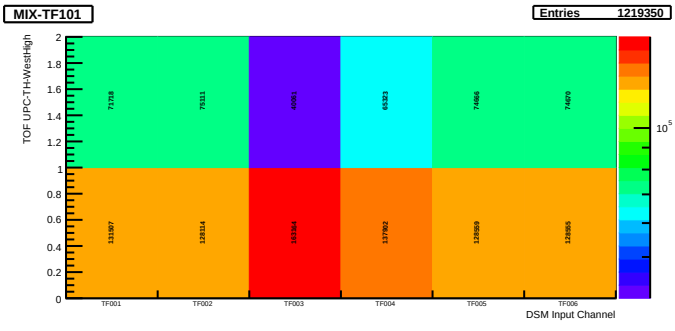

MIX-TF006
Entries 4267725
TOF MULT
TOF tray

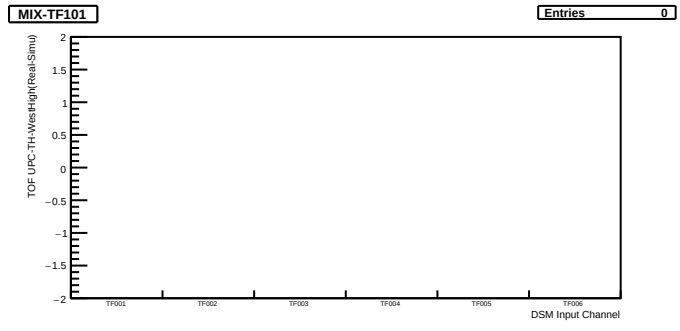

MIX-TF101
Entries 1219350
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

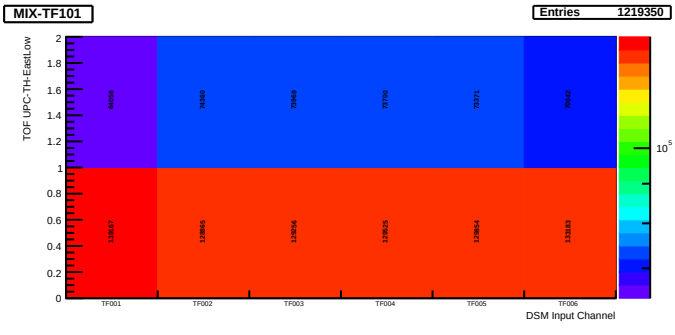

MIX-TF101
Entries 288307
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

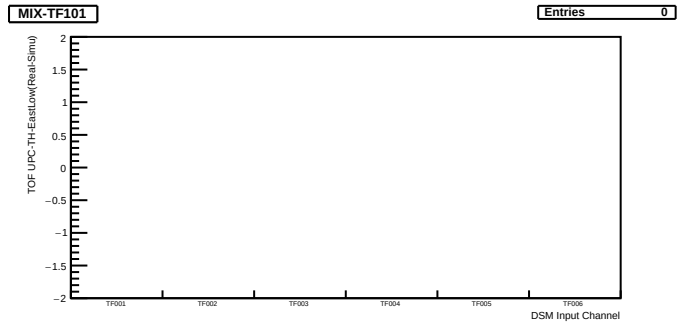

MIX-TF101
Entries 1219350
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

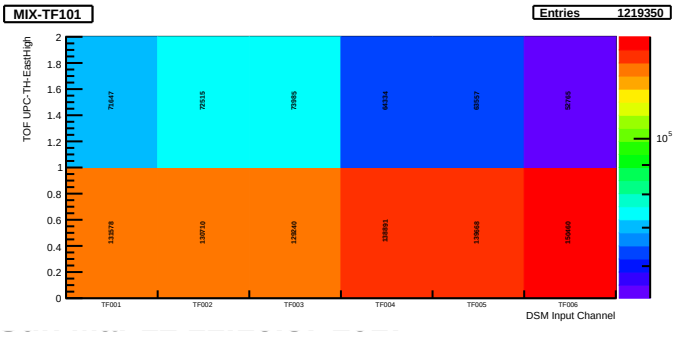

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

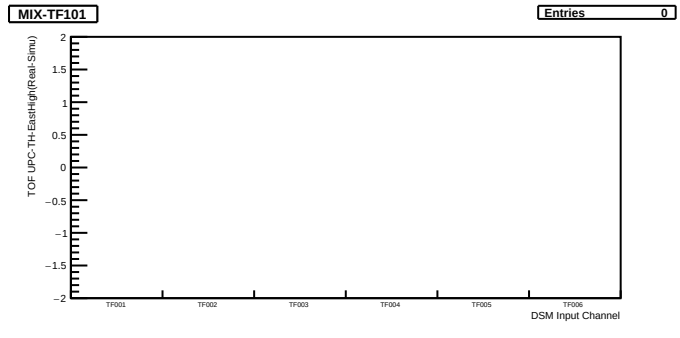

MIX-TF101
Entries 1219350
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

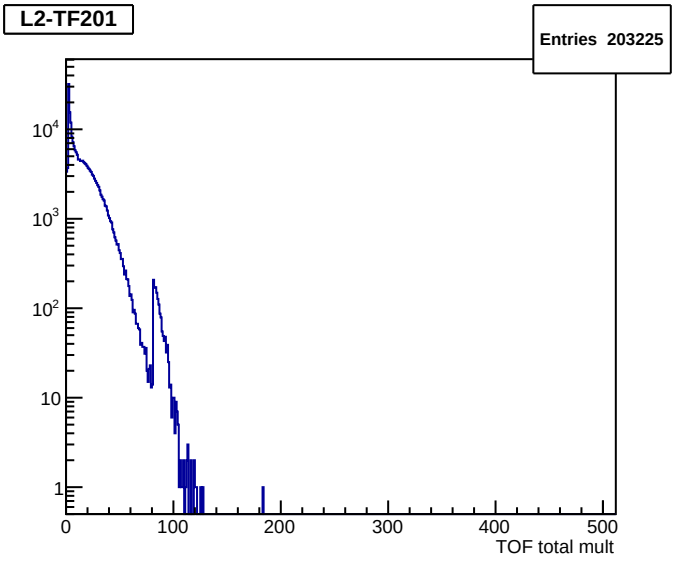

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

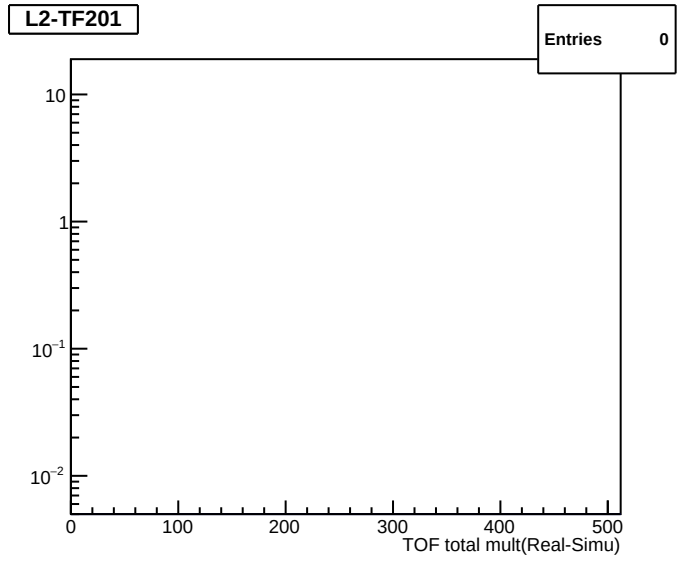

MIX-TF101
Entries 1219350
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

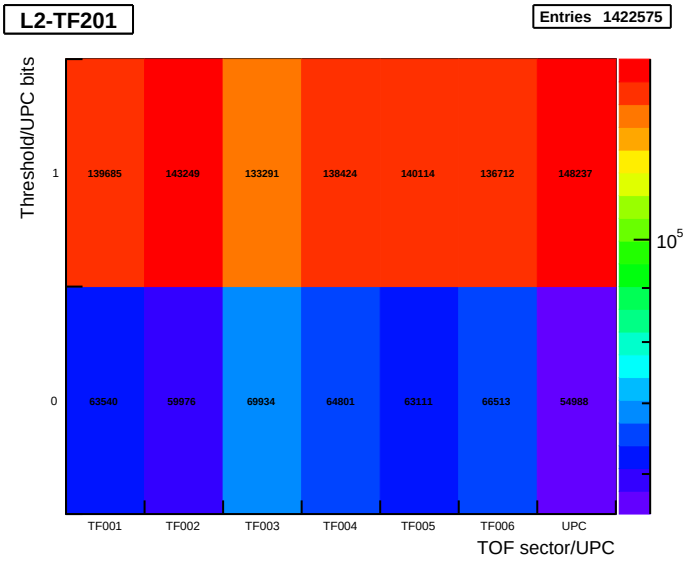

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

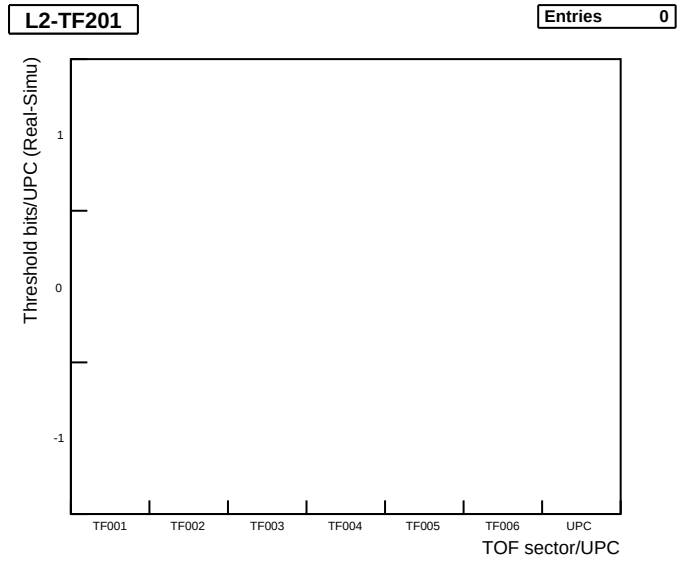

MIX-TF101
Entries 1219350
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

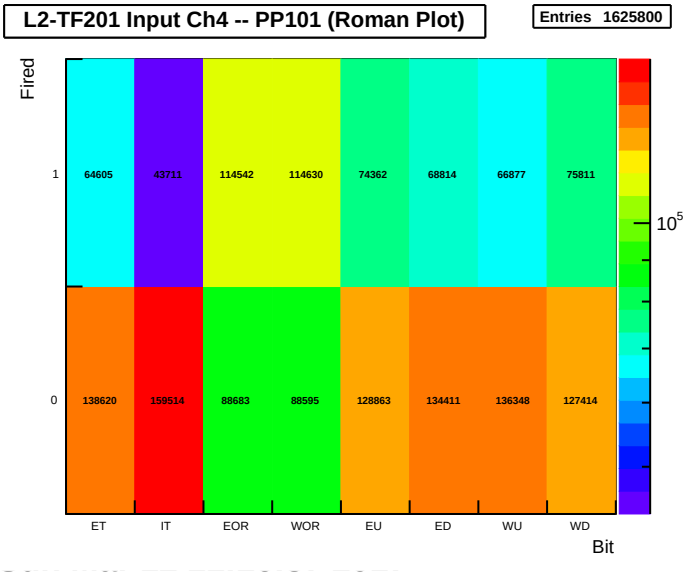

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

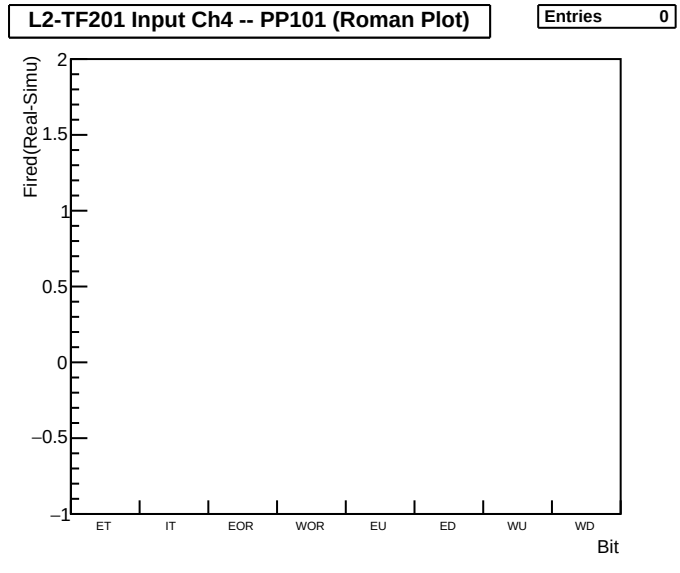

L2-TF201
Entries 203225
TOF total mult

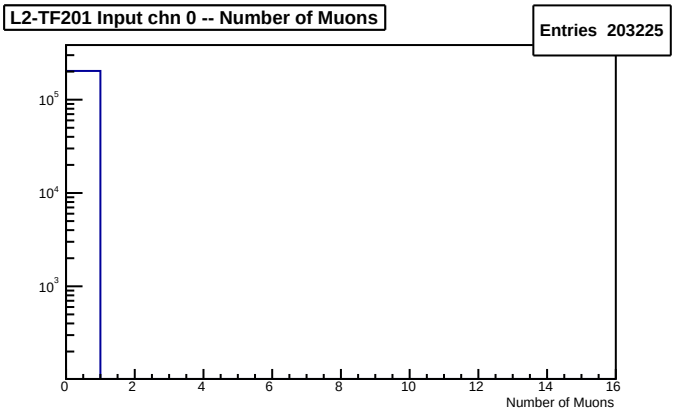

L2-TF201
Entries 0
TOF total mult(Real-Simu)

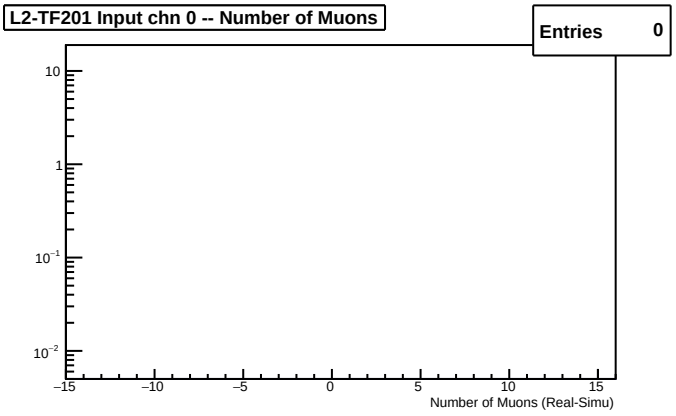

L2-TF201
Entries 1422575
Threshold/UPC bits
139685
143249
133291
138424
140114
136712
148237
63540
59976
69934
64801
63111
66513
54988
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

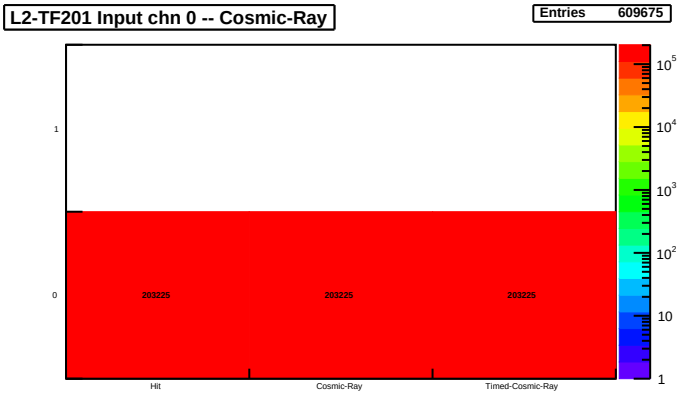

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

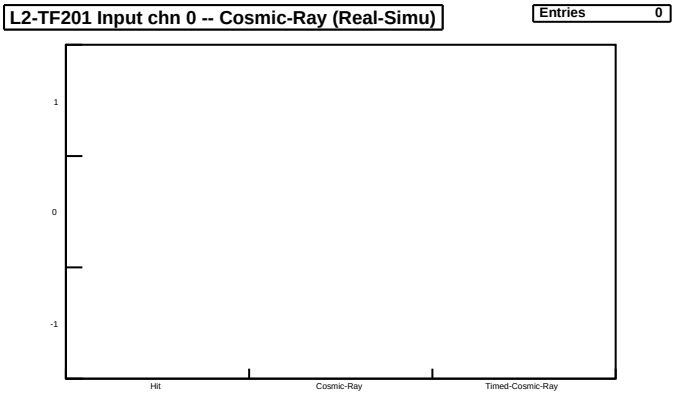

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1625800
Fired
64605
43711
114542
114630
74362
68814
66877
75811
138620
159514
88683
88595
128863
134411
136348
127414
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

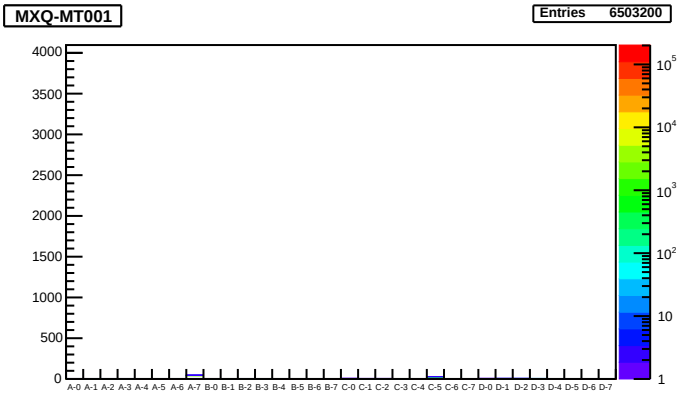

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

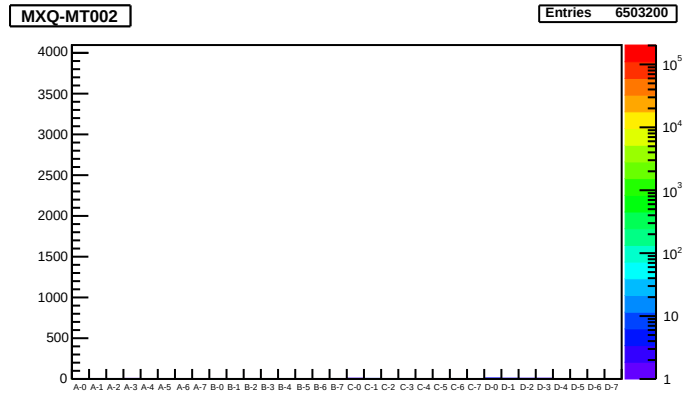

L2-TF201 Input chn 0 -- Number of Muons
Entries 203225
Number of Muons

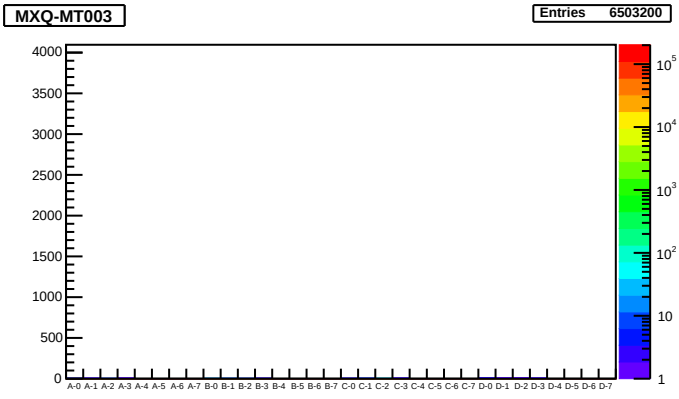

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

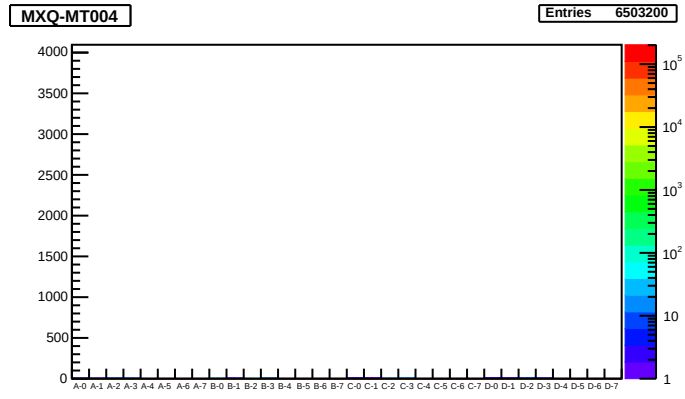

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 609675
203225
203225
203225
Hit
Cosmic-Ray
Timed-Cosmic-Ray

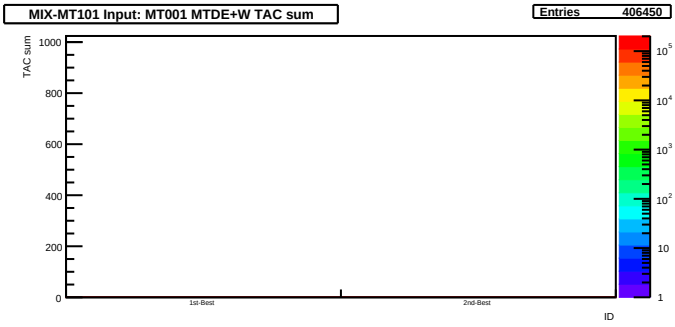

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

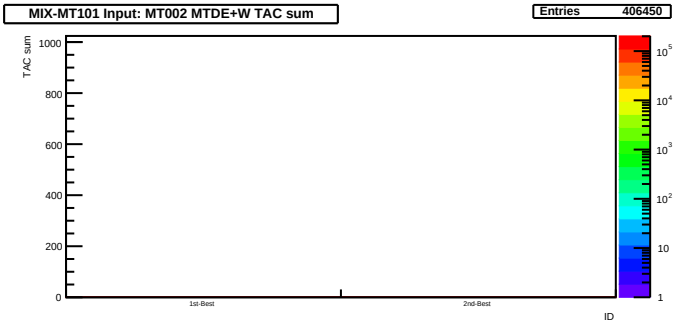

MXQ-MT001
Entries 6503200
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

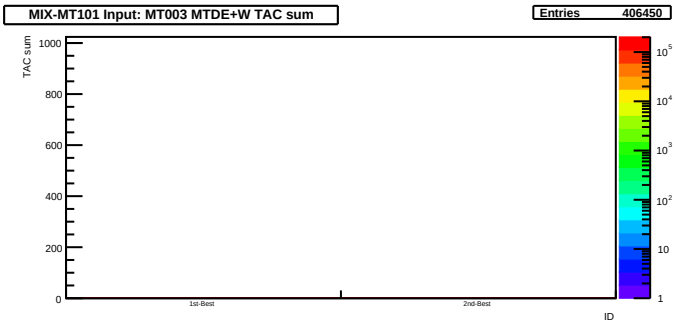

MXQ-MT002
Entries 6503200
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

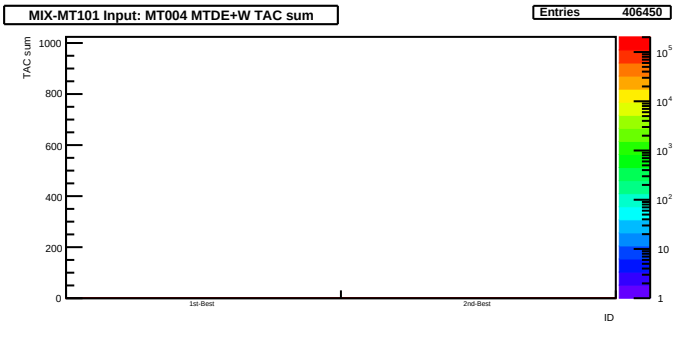

MXQ-MT003
Entries 6503200
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

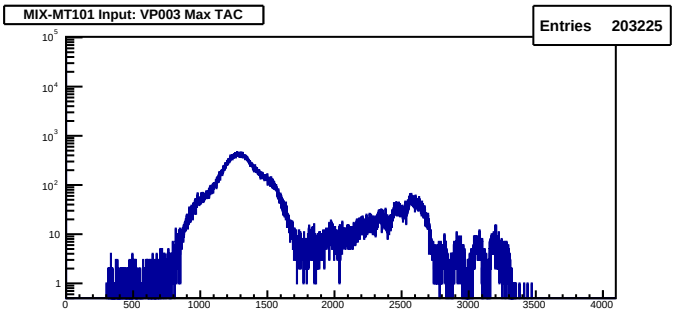

MXQ-MT004
Entries 6503200
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

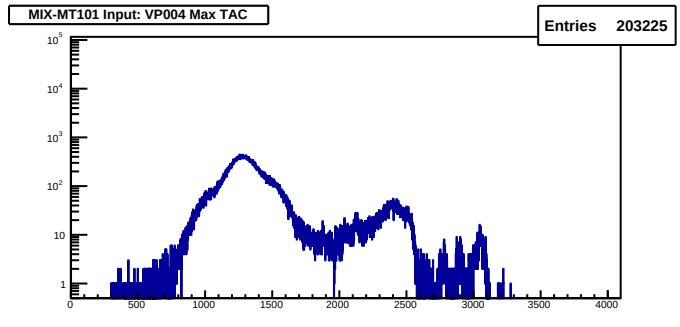

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 406450
TAC sum
1st-Best
2nd-Best
ID

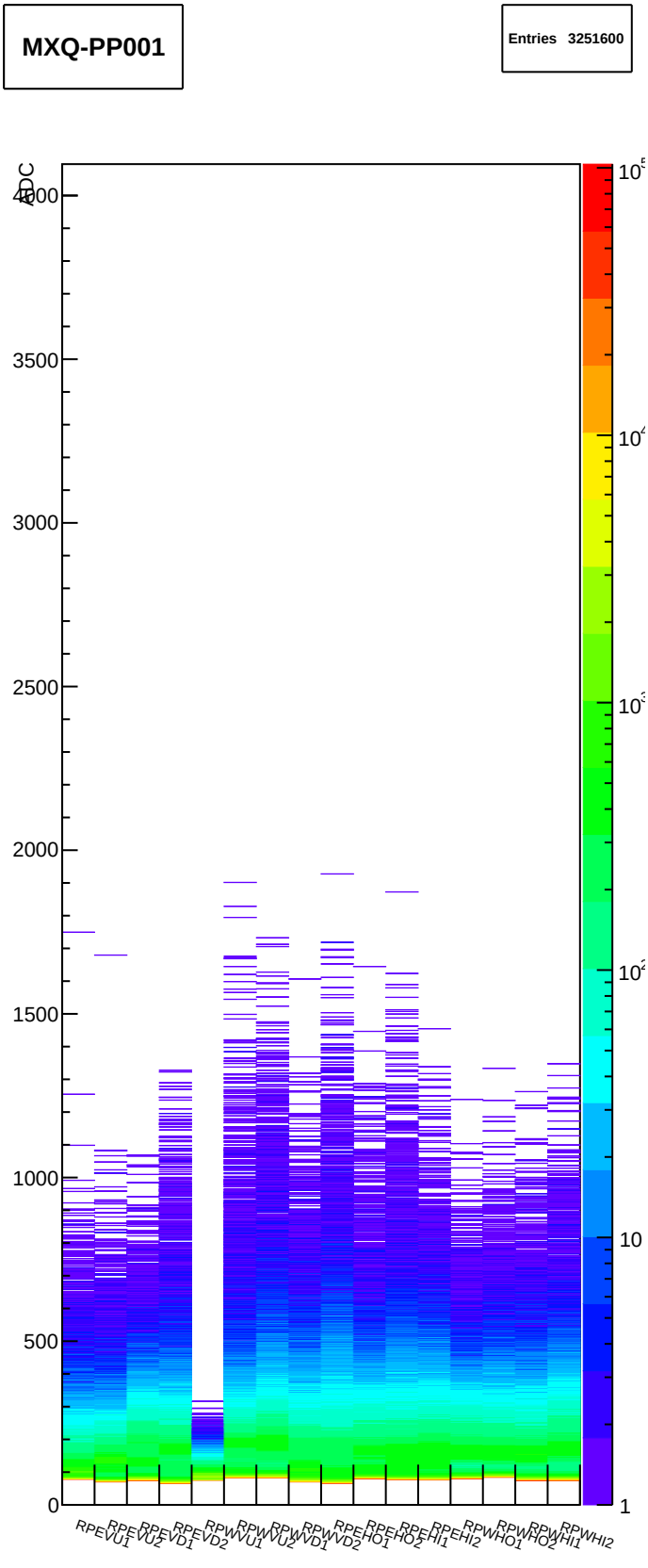

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 406450
TAC sum
1st-Best
2nd-Best
ID

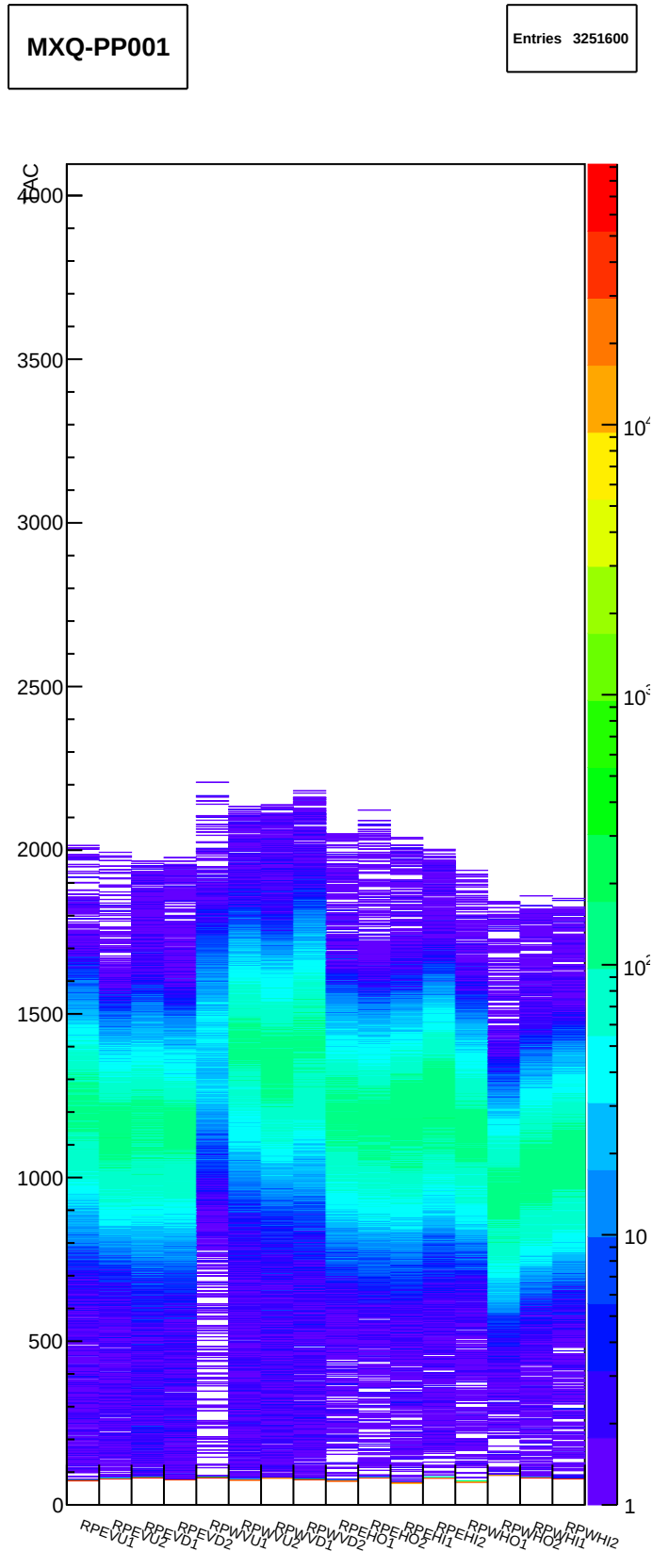

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 406450
TAC sum
1st-Best
2nd-Best
ID

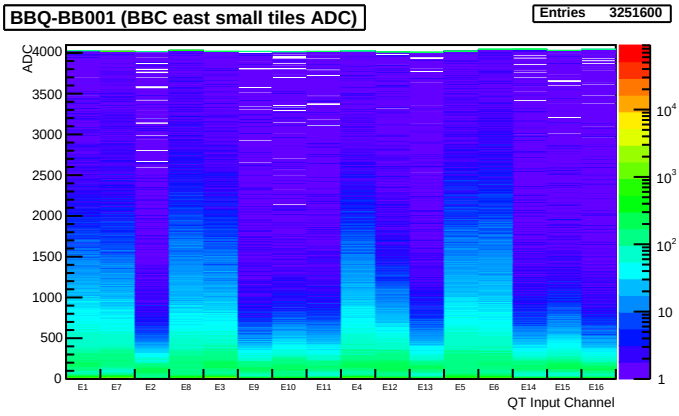

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 406450
TAC sum
1st-Best
2nd-Best
ID

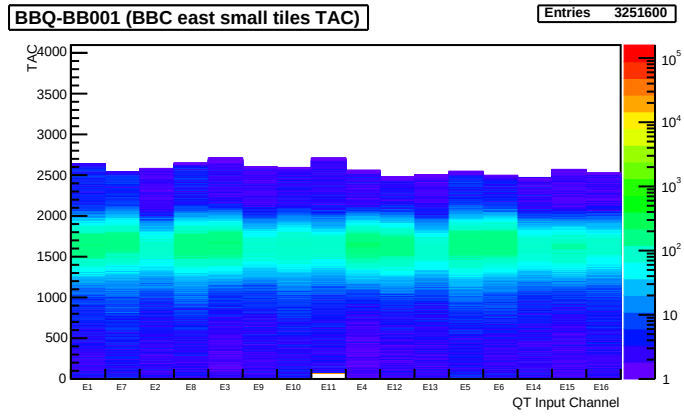

MIX-MT101 Input: VP003 Max TAC
Entries 203225

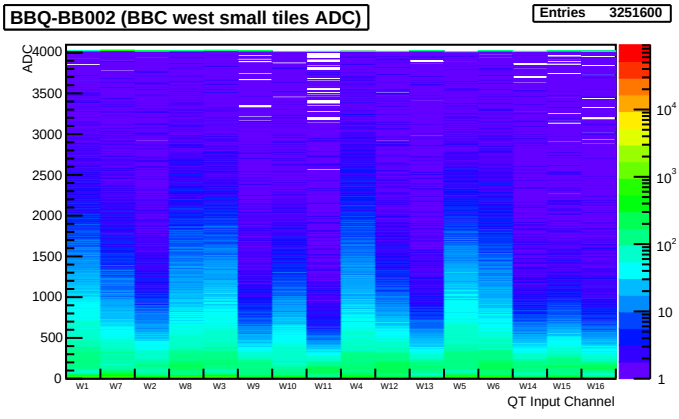

MIX-MT101 Input: VP004 Max TAC
Entries 203225

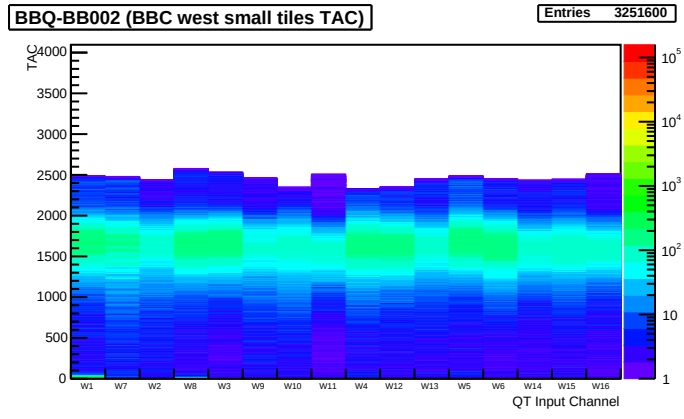

MXQ-PP001
Entries 3251600
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

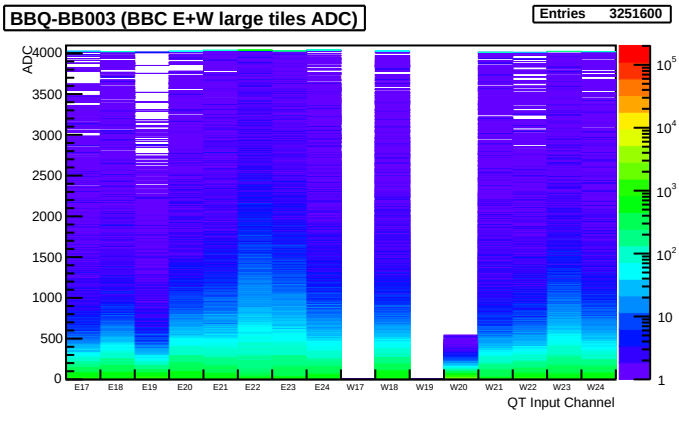

MXQ-PP001
Entries 3251600
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

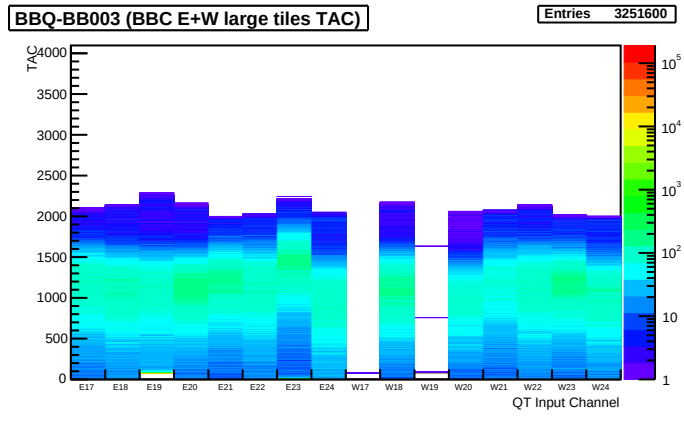

BBQ-BB001 (BBC east small tiles ADC)
Entries 3251600
ADC
QT Input Channel

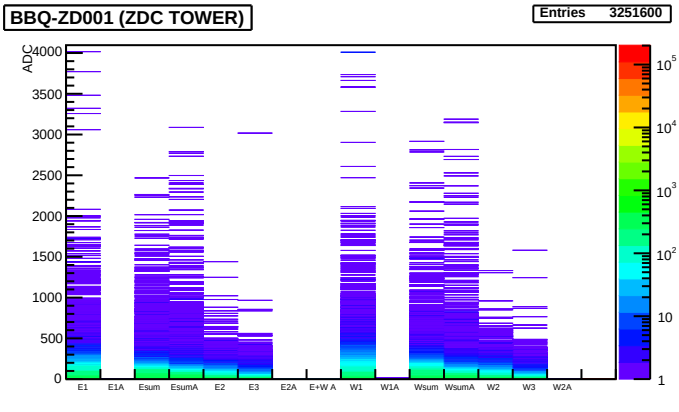

BBQ-BB001 (BBC east small tiles TAC)
Entries 3251600
TAC
QT Input Channel

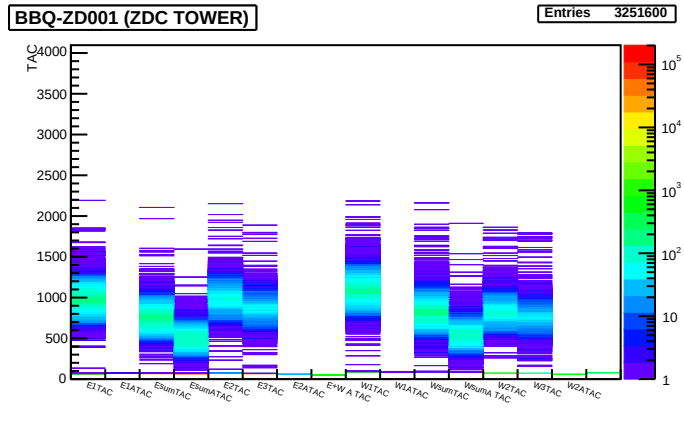

BBQ-BB002 (BBC west small tiles ADC)
Entries 3251600
ADC
QT Input Channel

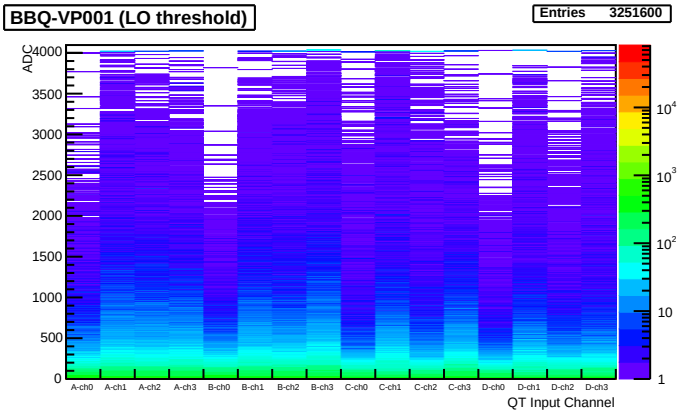

BBQ-BB002 (BBC west small tiles TAC)
Entries 3251600
TAC
QT Input Channel

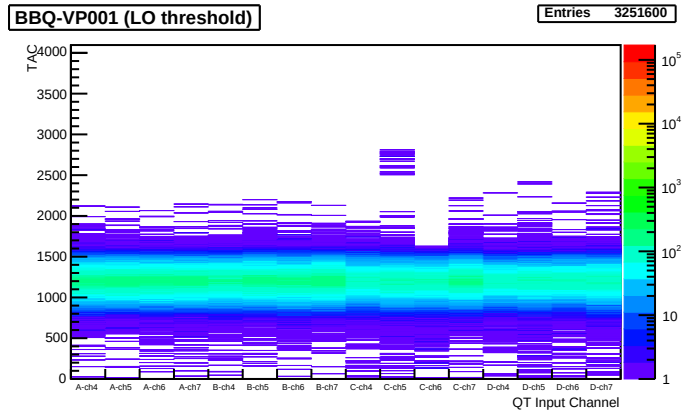

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3251600
ADC
QT Input Channel

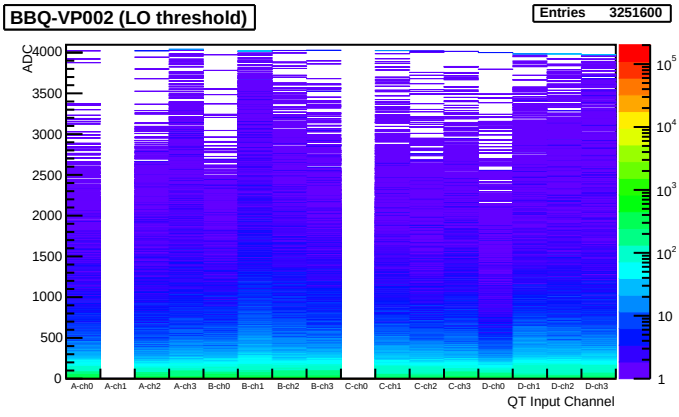

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3251600
TAC
QT Input Channel

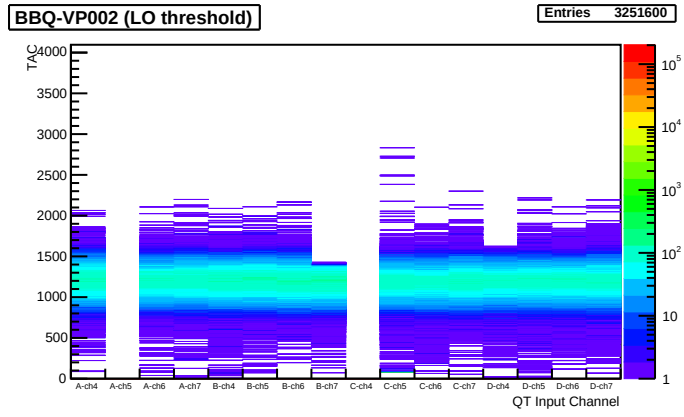

BBQ-ZD001 (ZDC TOWER)
Entries 3251600
ADC

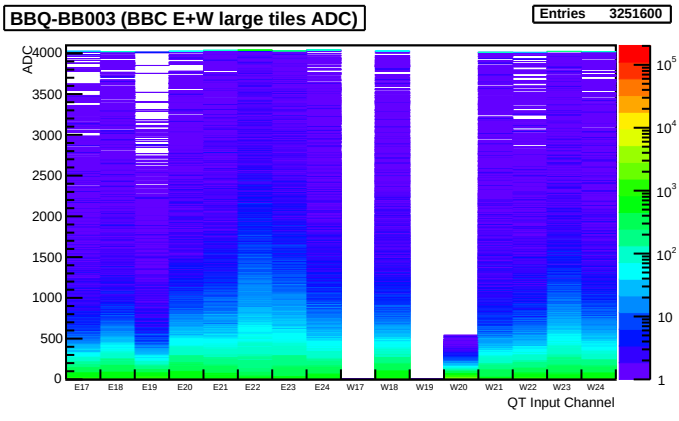

BBQ-ZD001 (ZDC TOWER)
Entries 3251600
TAC

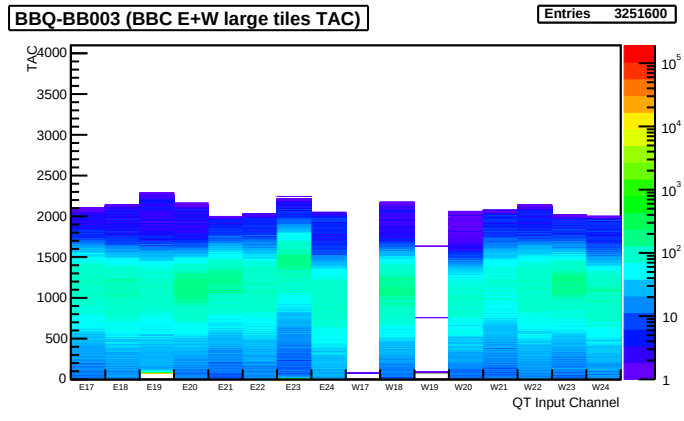

BBQ-VP001 (LO threshold)
Entries 3251600
ADC
QT Input Channel

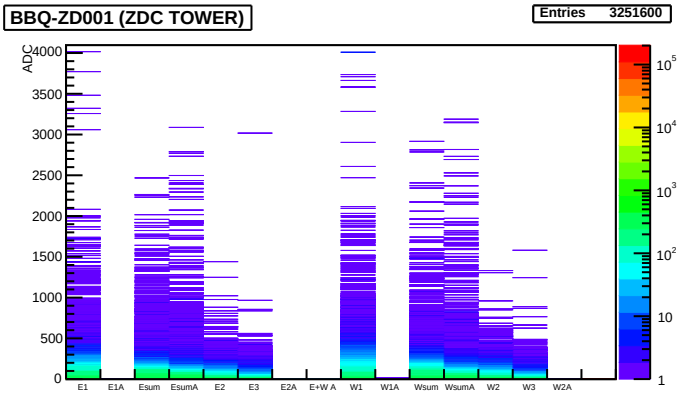

BBQ-VP001 (LO threshold)
Entries 3251600
TAC
QT Input Channel

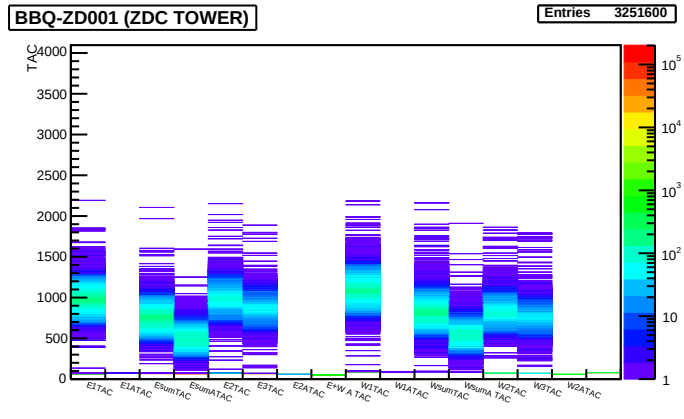

BBQ-VP002 (LO threshold)
Entries 3251600
ADC
QT Input Channel

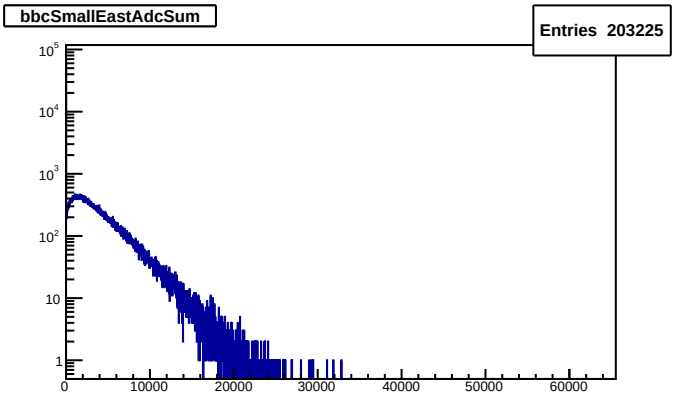

BBQ-VP002 (LO threshold)
Entries 3251600
TAC
QT Input Channel

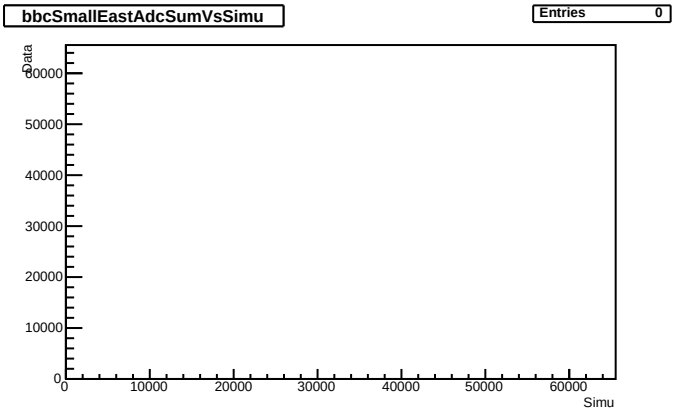

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3251600
ADC
QT Input Channel

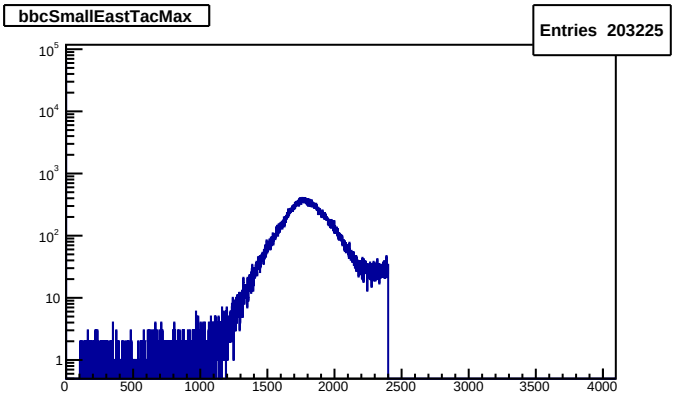

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3251600
TAC
QT Input Channel

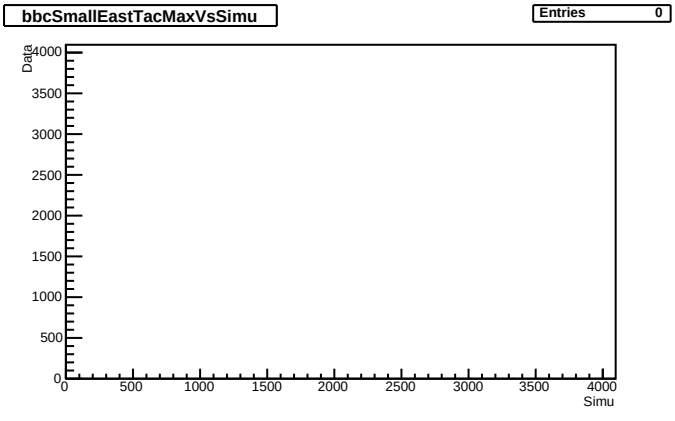

BBQ-ZD001 (ZDC TOWER)
Entries 3251600
ADC

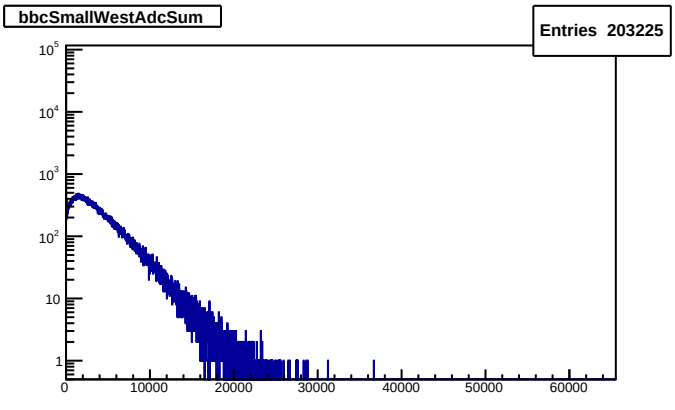

BBQ-ZD001 (ZDC TOWER)
Entries 3251600
TAC

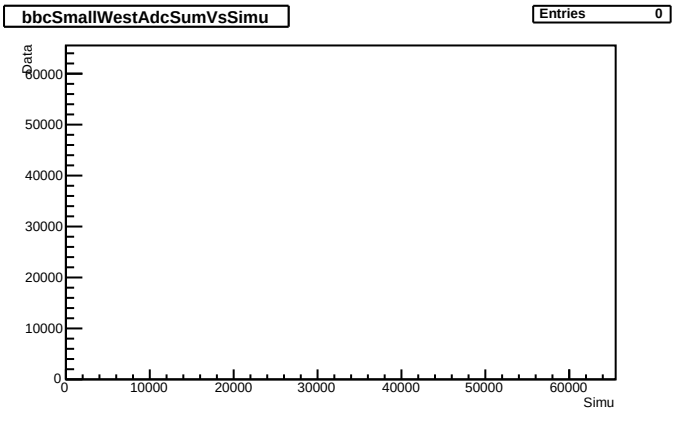

bbcSmallEastAdcSum
Entries 203225

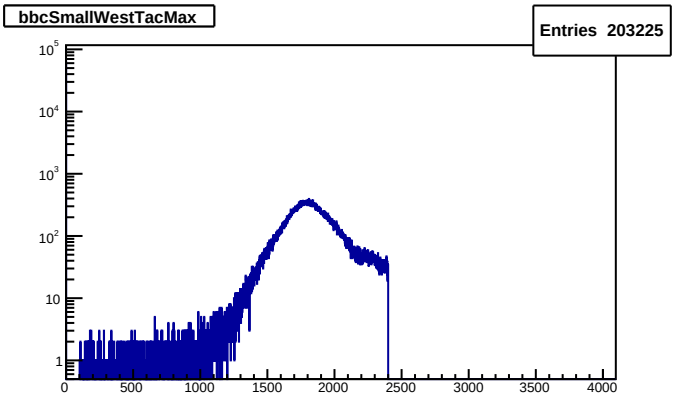

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

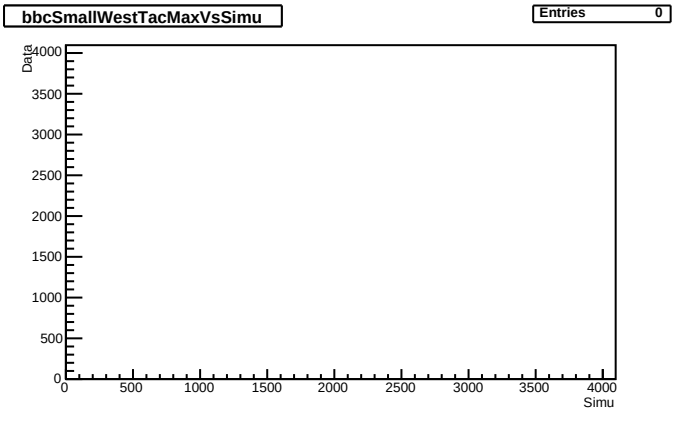

bbcSmallEastTacMax
Entries 203225

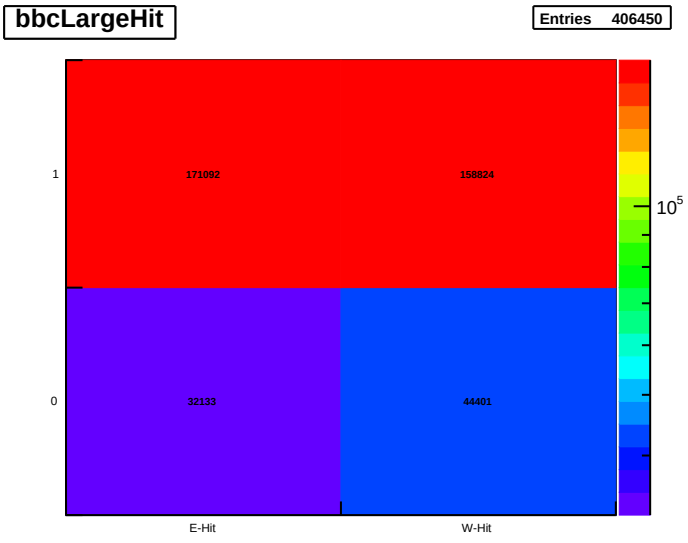

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

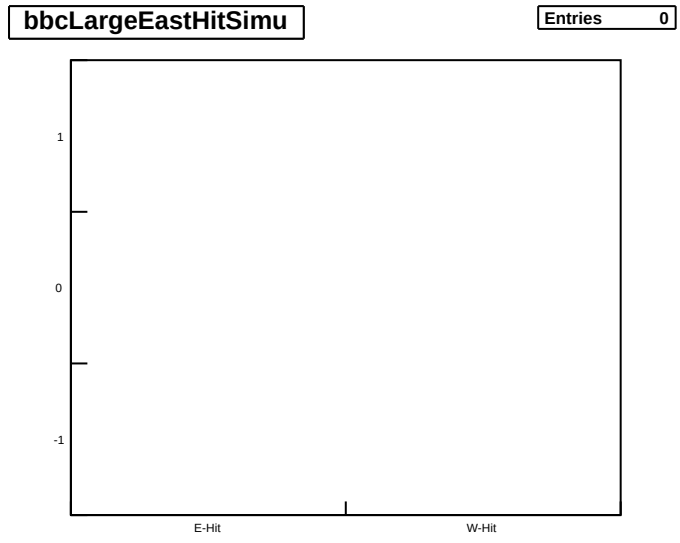

bbcSmallWestAdcSum
Entries 203225

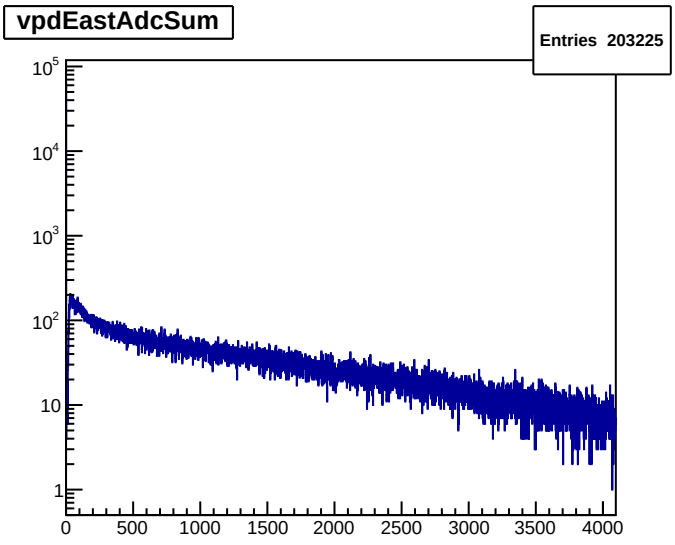

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

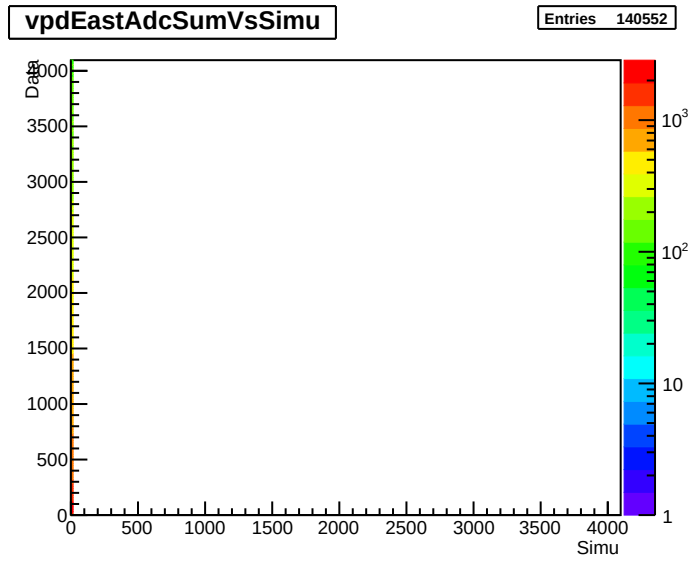

bbcSmallWestTacMax
Entries 203225

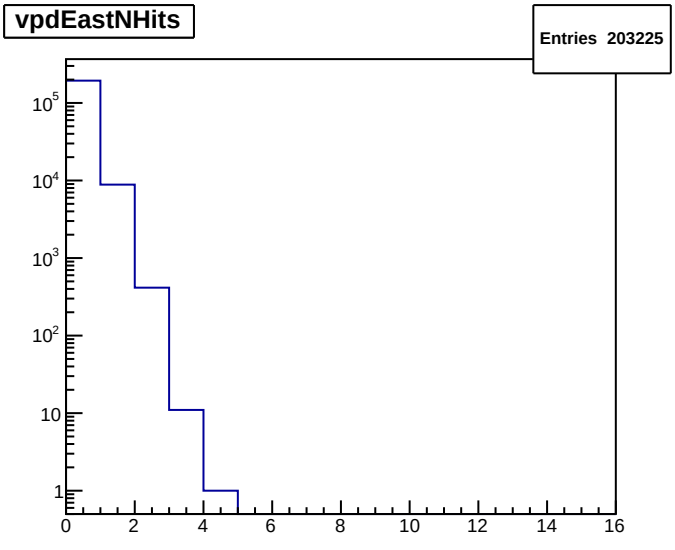

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

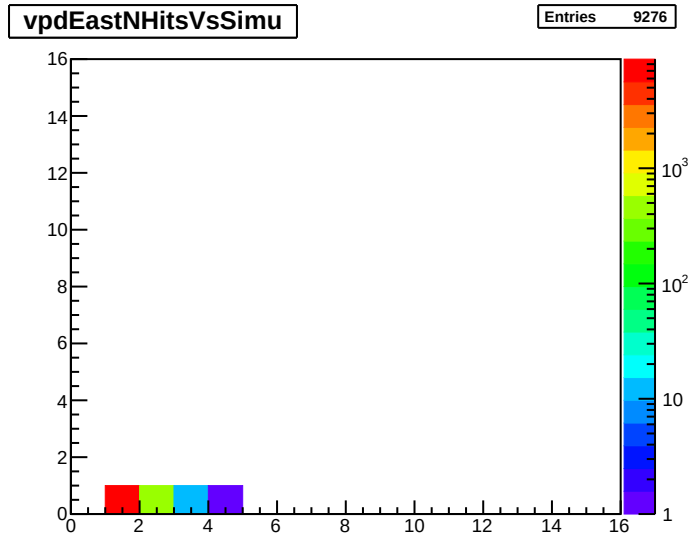

bbcLargeHit
Entries 406450
171092
158824
32133
44401
1
0
E-Hit
W-Hit
10^5

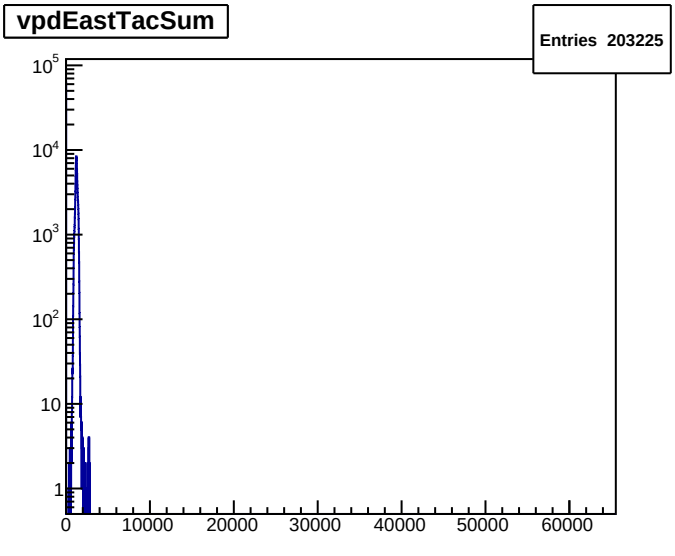

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

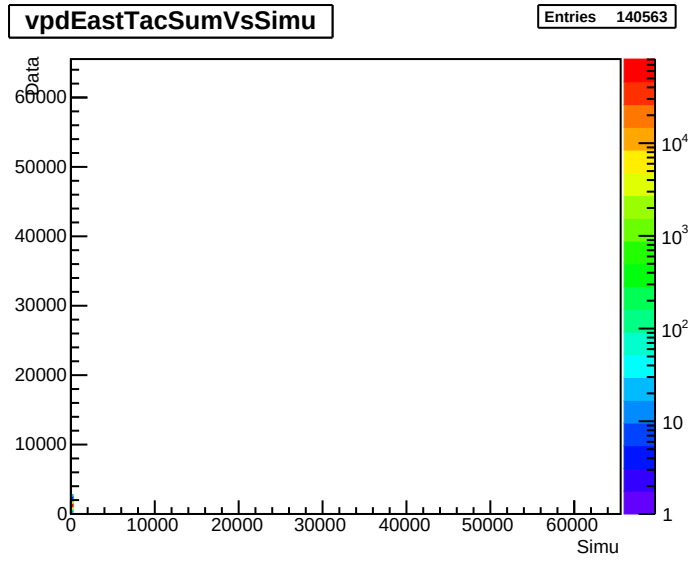

vpdEastAdcSum
Entries 203225

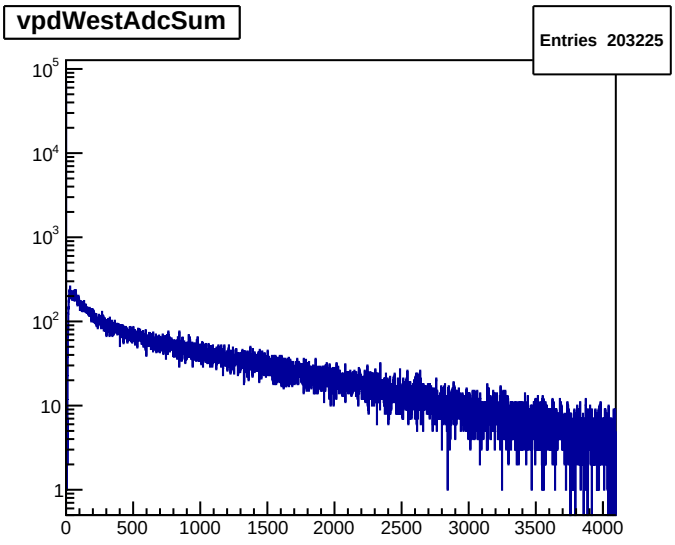

vpdEastAdcSumVsSimu
Entries 140552
Data
Simu

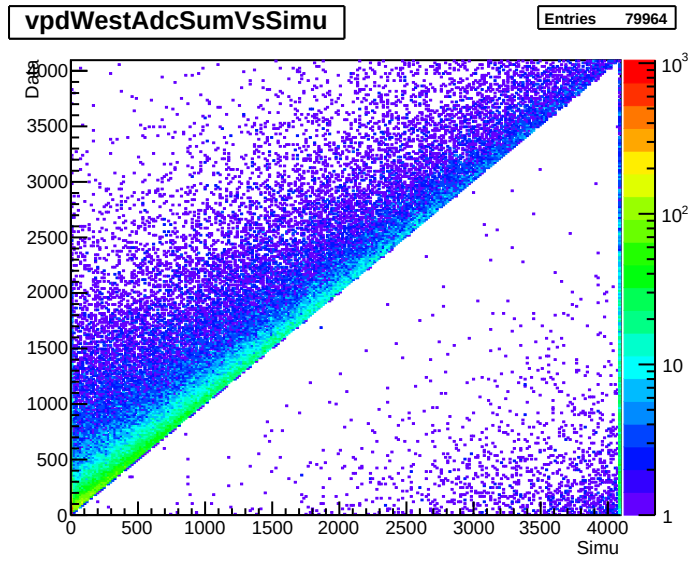

vpdEastNHits
Entries 203225

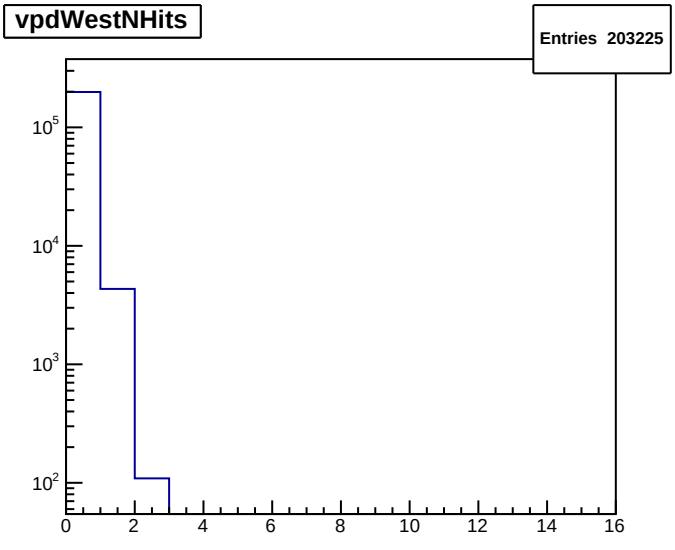

vpdEastNHitsVsSimu
Entries 9276

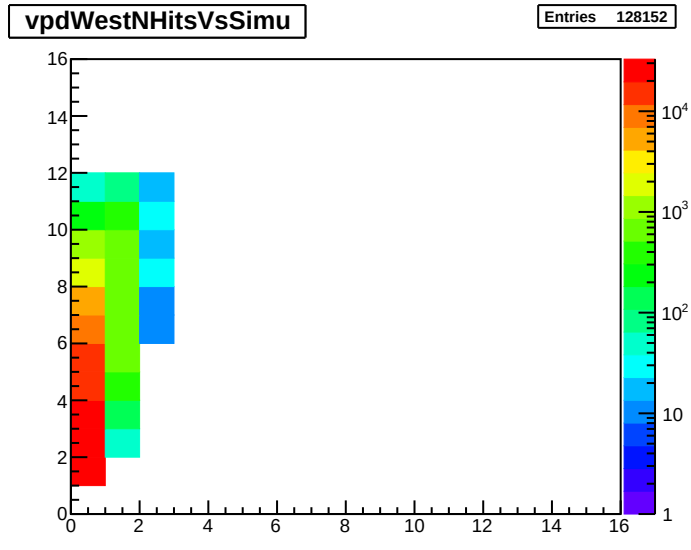

vpdEastTacSum
Entries 203225

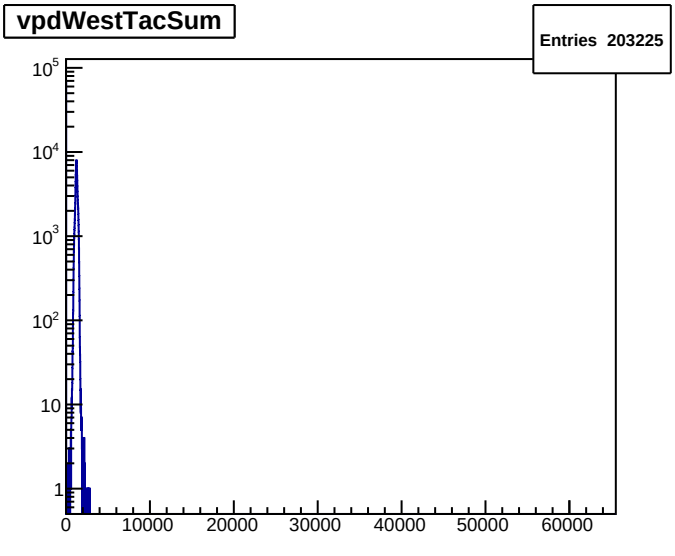

vpdEastTacSumVsSimu
Entries 140563
Data
Simu

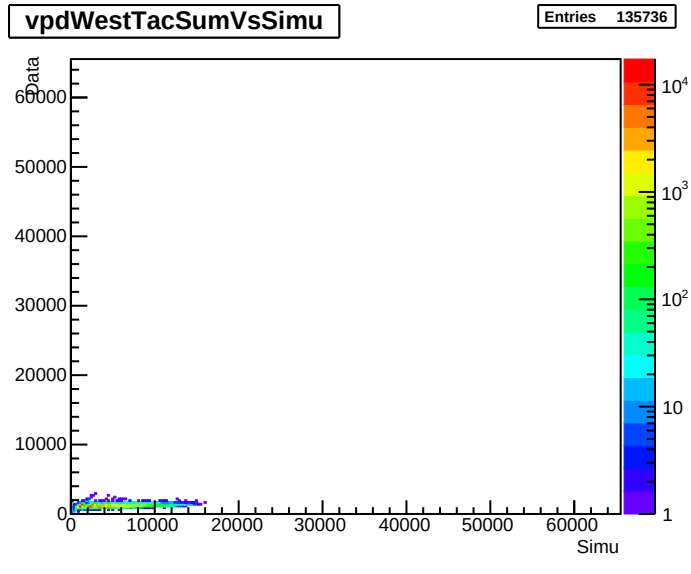

vpdWestAdcSum
Entries 203225

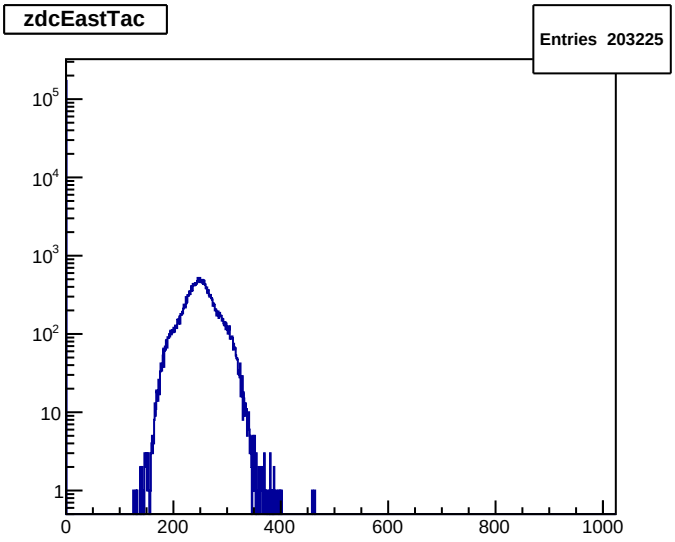

vpdWestAdcSumVsSimu
Entries 79964
Data
Simu

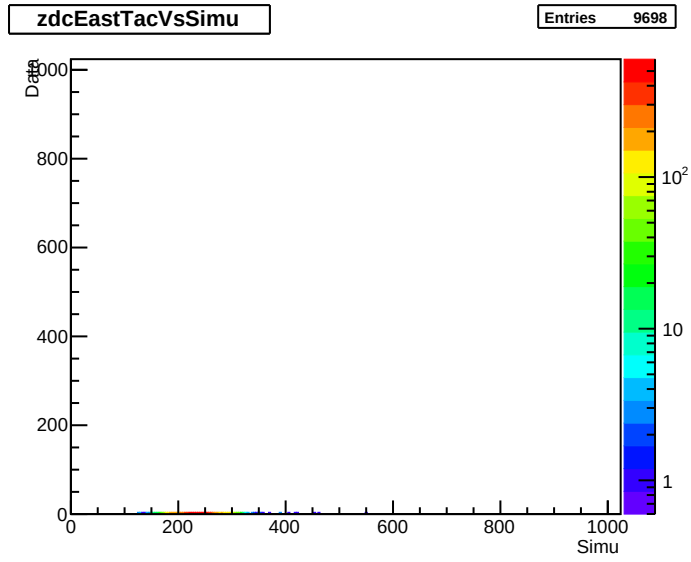

vpdWestNHits
Entries 203225

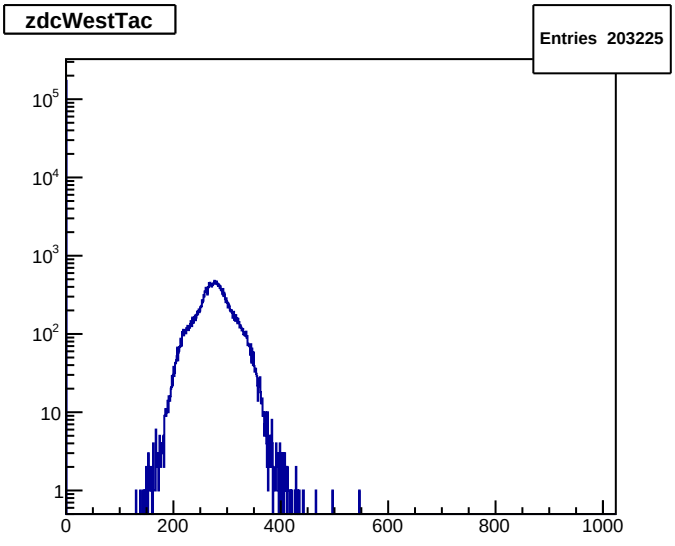

vpdWestNHitsVsSimu
Entries 128152

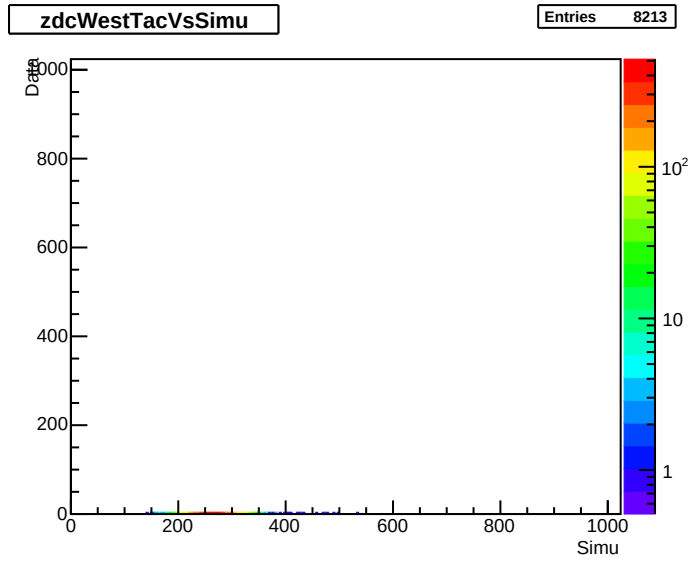

vpdWestTacSum
Entries 203225

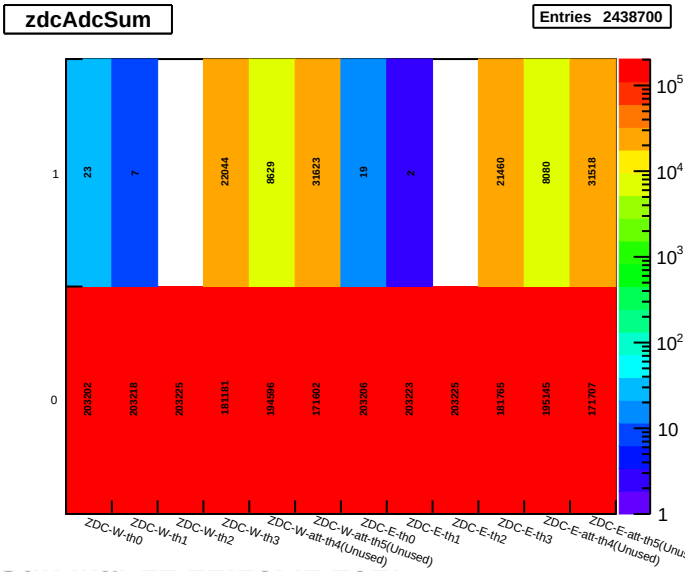

vpdWestTacSumVsSimu
Entries 135736
Data
Simu

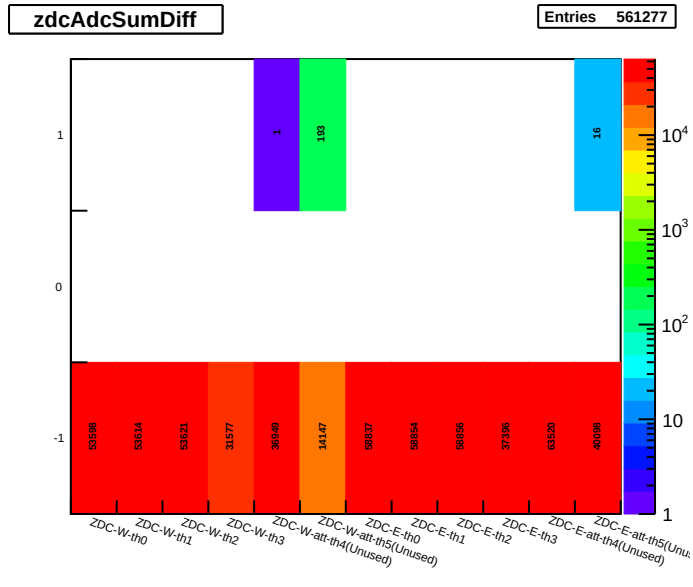

zdcEastTac
Entries 203225

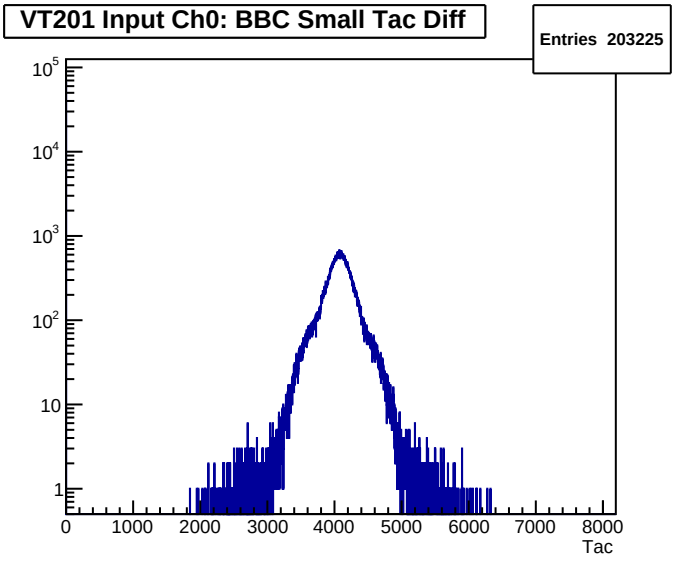

zdcEastTacVsSimu
Entries 9698
Data
Simu

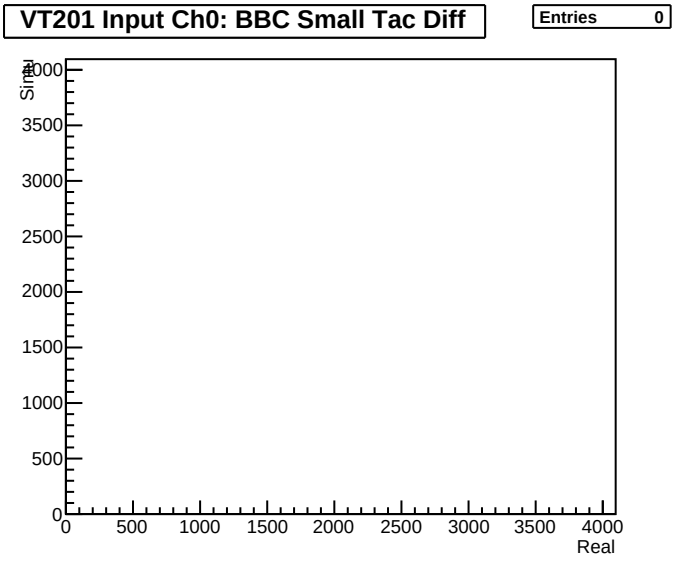

zdcWestTac
Entries 203225

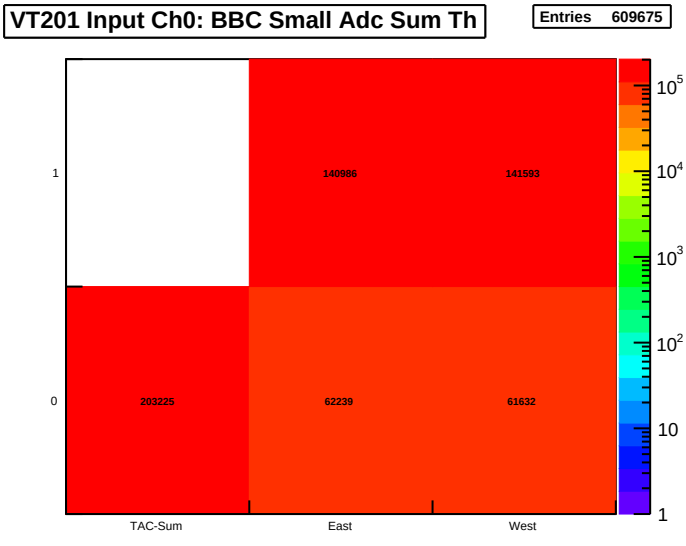

zdcWestTacVsSimu
Entries 8213
Data
Simu

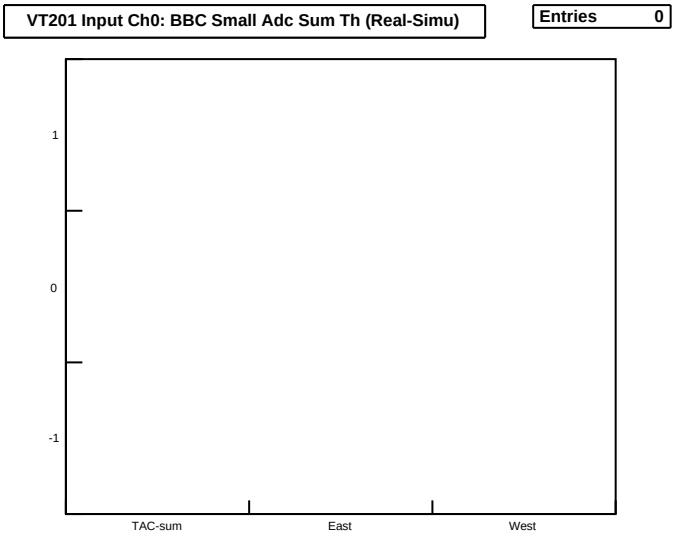

zdcAdcSum
Entries 2438700
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

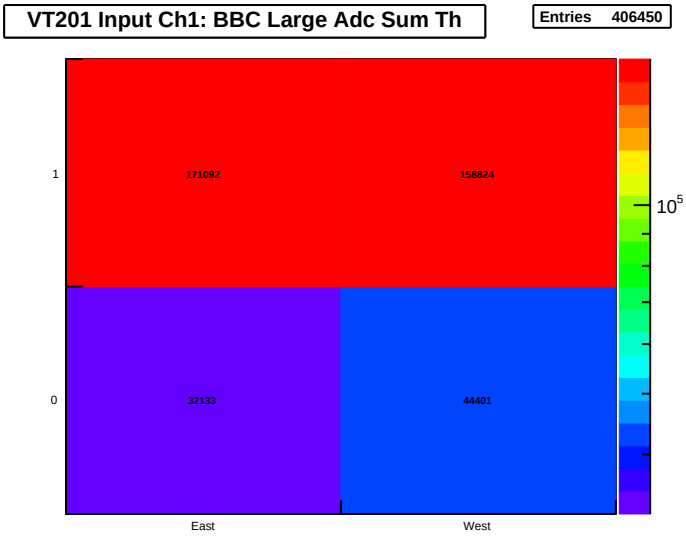

zdcAdcSumDiff
Entries 561277
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

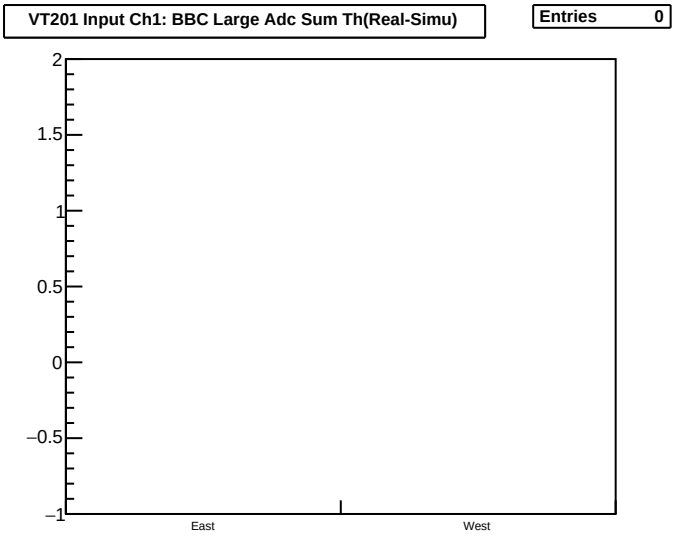

VT201 Input Ch0: BBC Small Tac Diff
Entries 203225
Tac


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

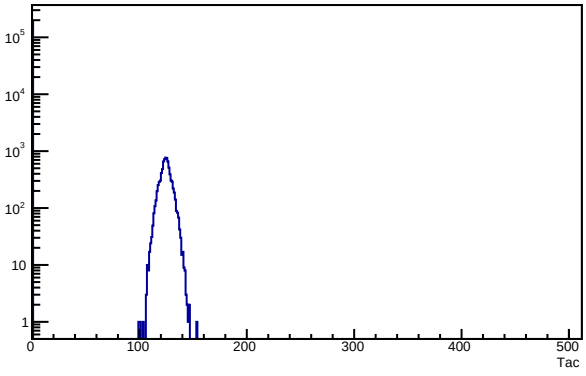

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 609675
140986
141593
203225
62239
61632
TAC-Sum
East
West


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

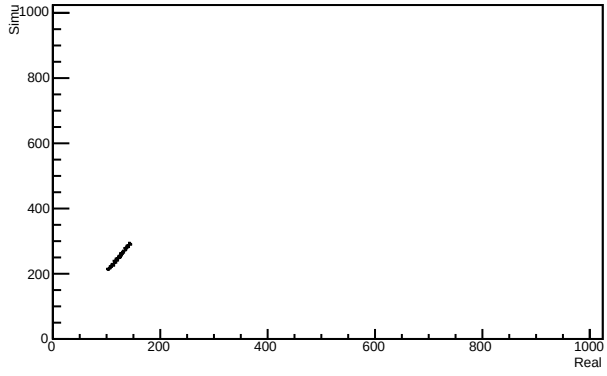

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 406450
171092
158824
32133
44401
East
West


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

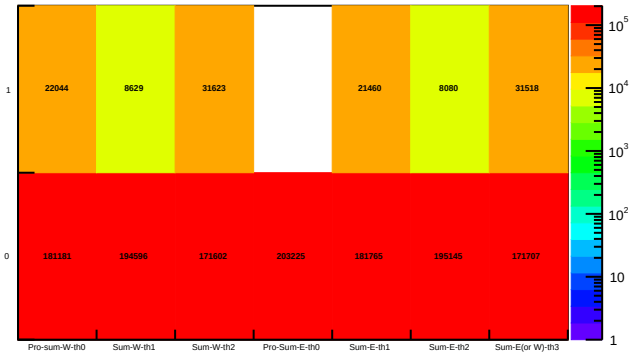
VT201 Input Ch2: ZDC Tac Diff



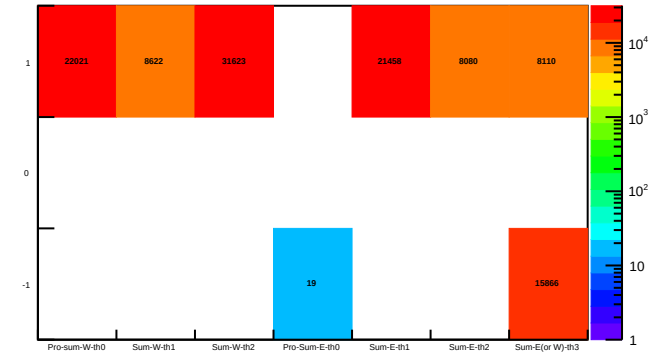
VT201 Input Ch2: ZDC Tac Diff



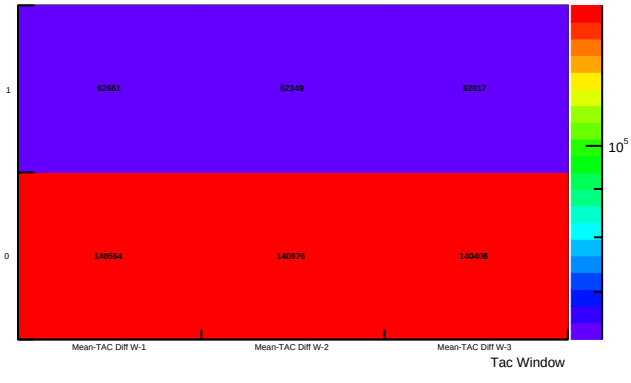
VT201 Input Ch2: ZDC Adc Sum Th



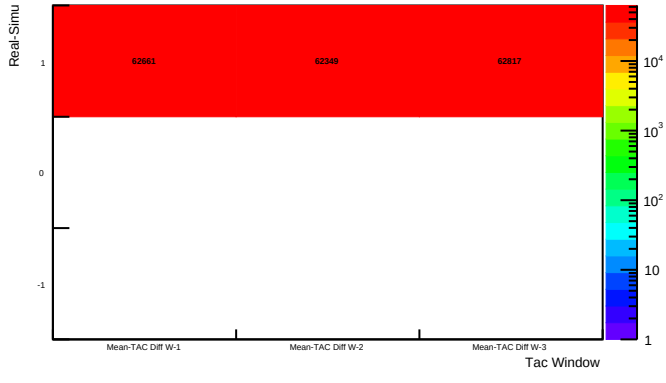
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



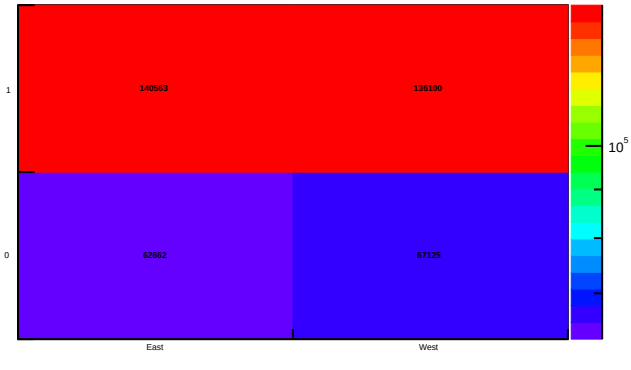
VT201 Input Ch4: VPD Tac Diff



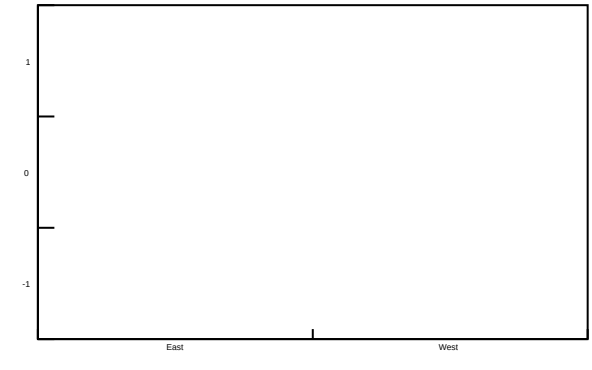
VT201 Input Ch4: VPD Tac Diff

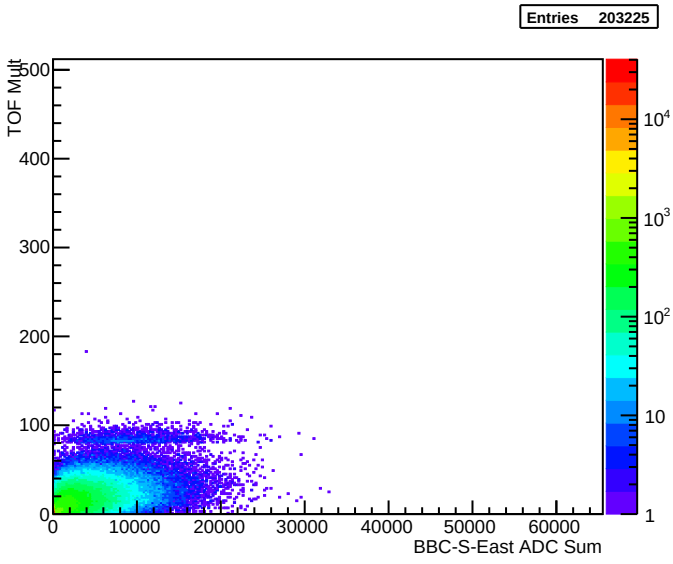


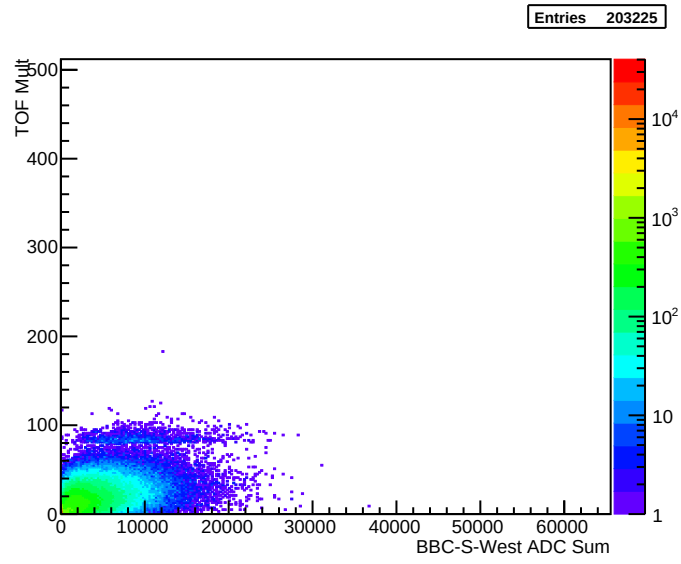
VT201 Input Ch4: VPD Adc Sum Th

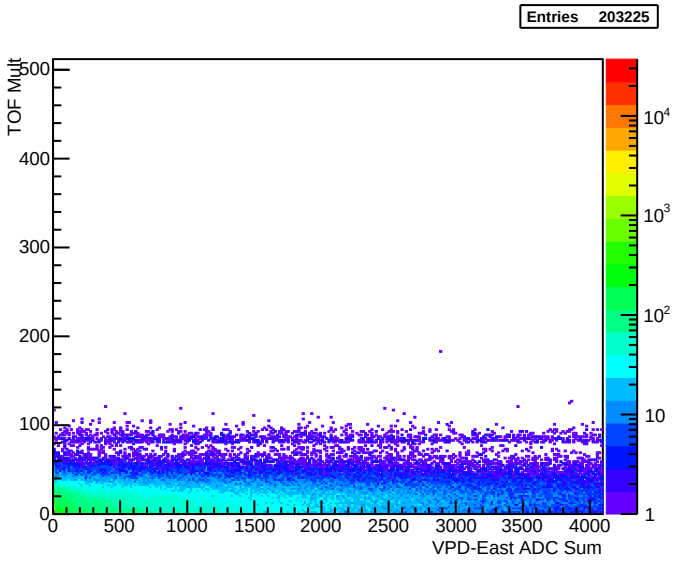


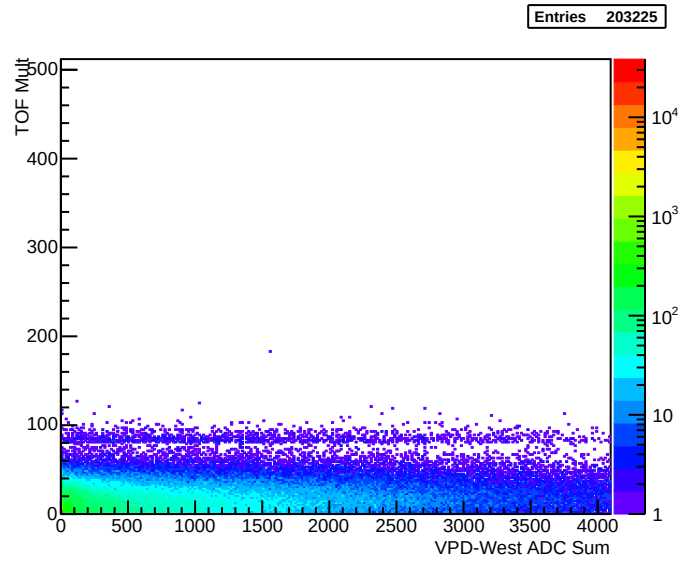
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

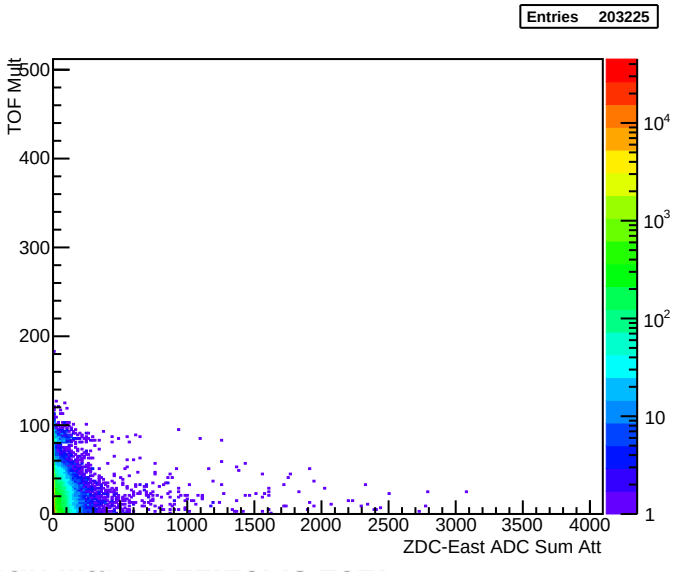


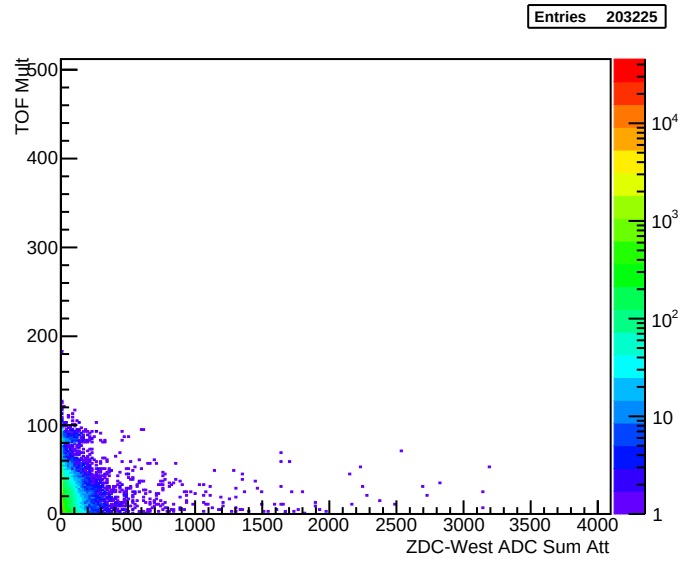

Entries 203225
TOF Mult
BBC-S-East ADC Sum

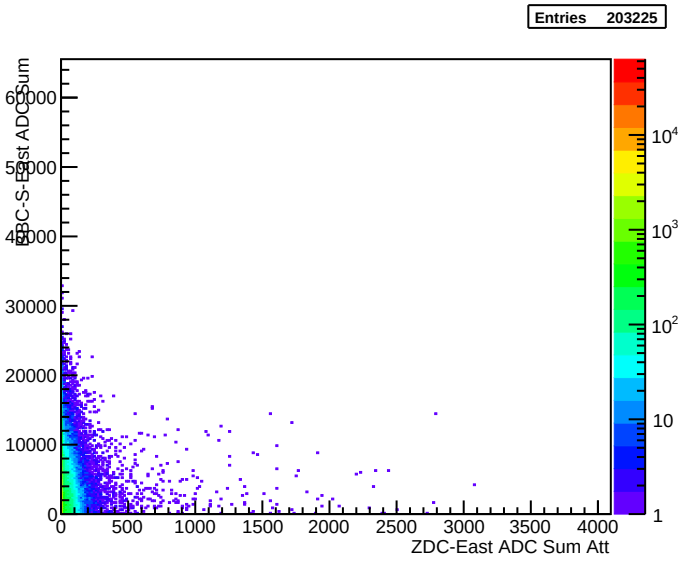

Entries 203225
TOF Mult
BBC-S-West ADC Sum

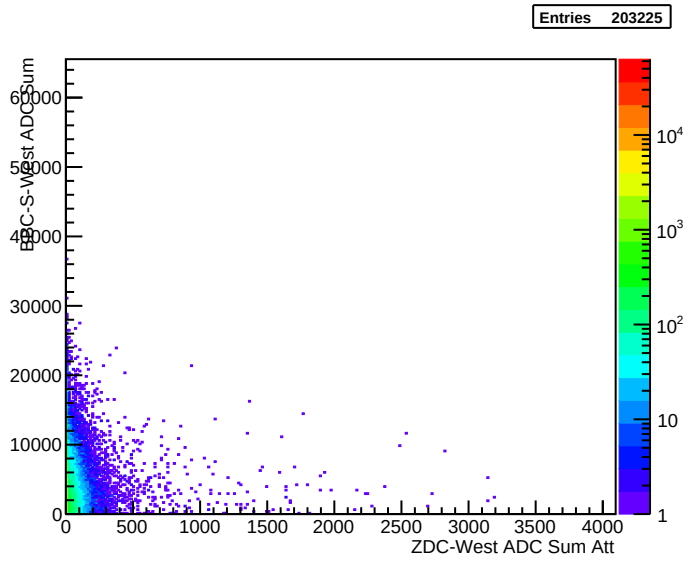

Entries 203225
TOF Mult
VPD-East ADC Sum

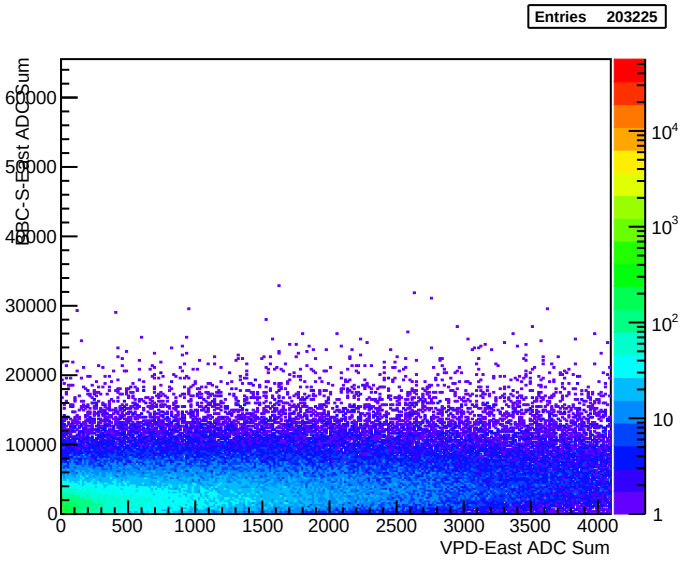

Entries 203225
TOF Mult
VPD-West ADC Sum

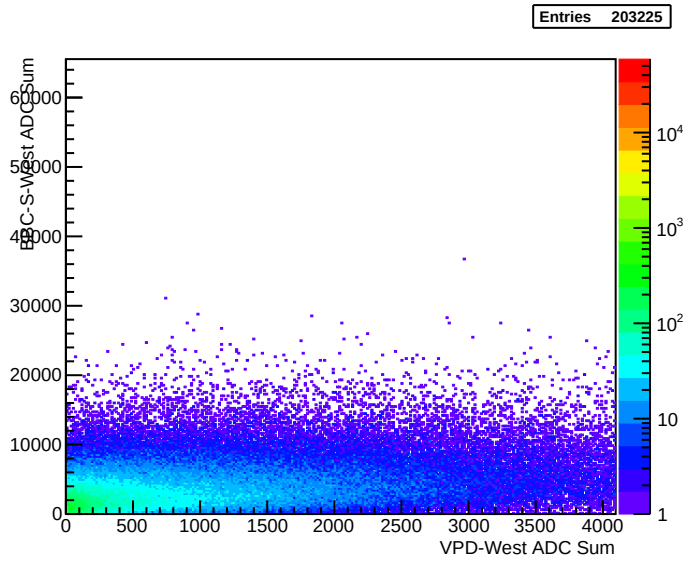

Entries 203225
TOF Mult
ZDC-East ADC Sum Att

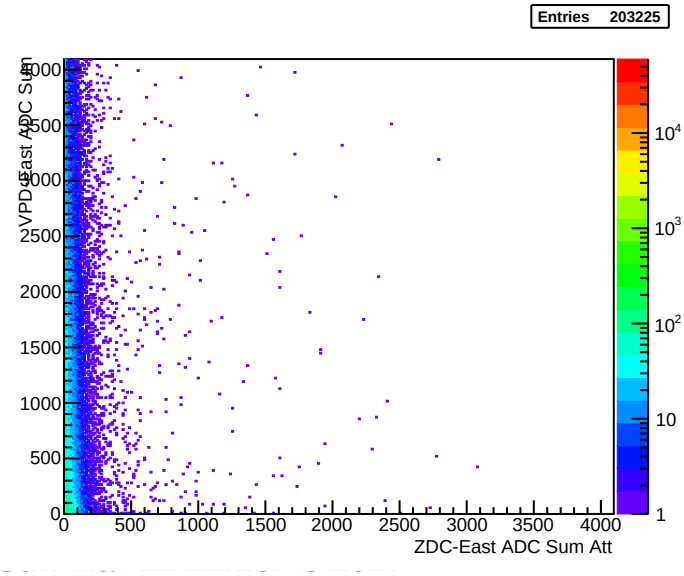

Entries 203225
TOF Mult
ZDC-West ADC Sum Att

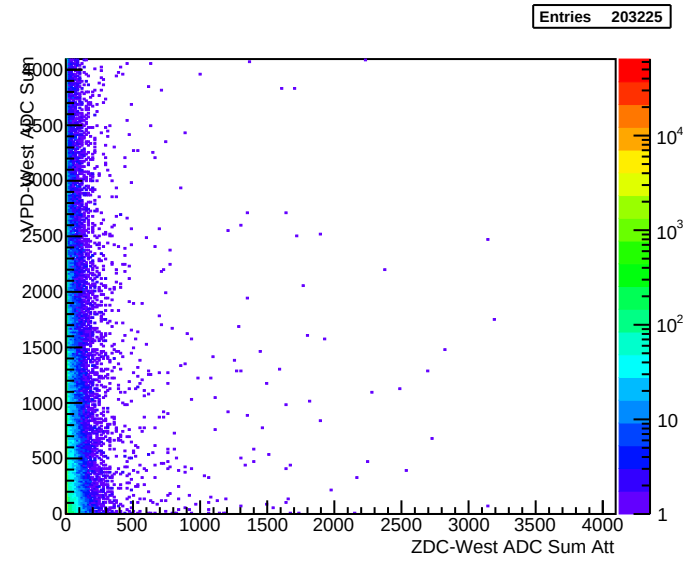

Entries 203225
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

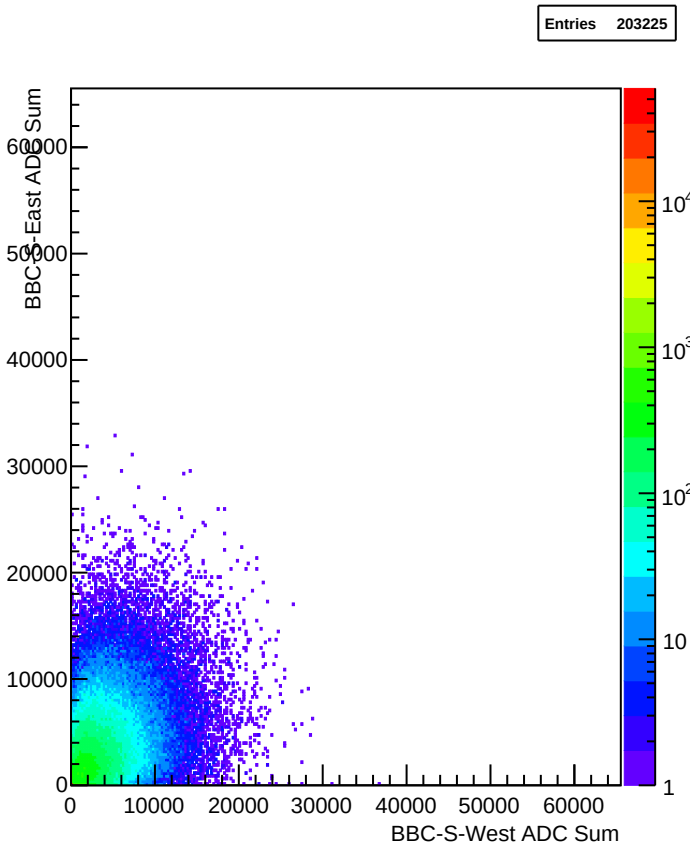

Entries 203225
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

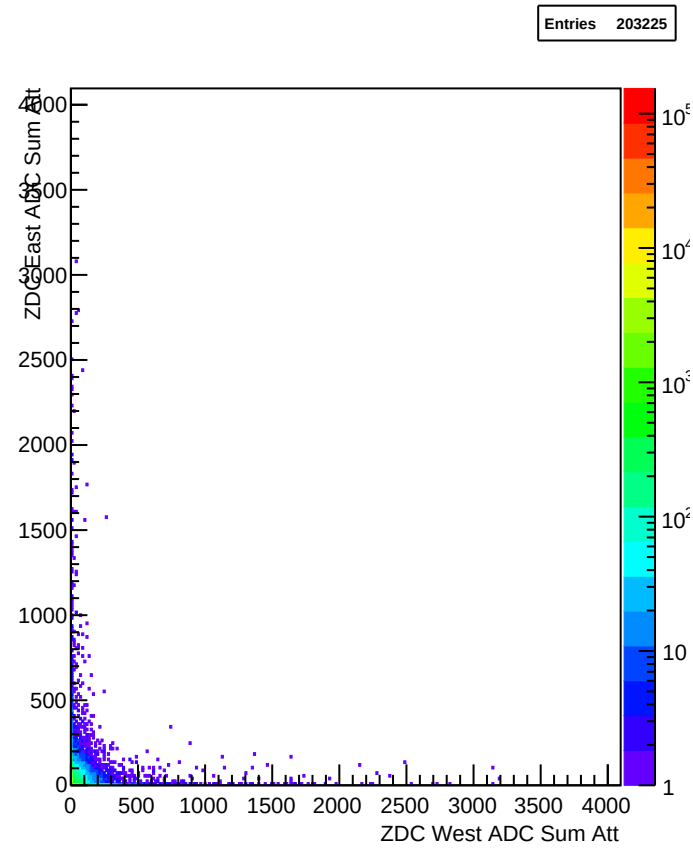

Entries 203225
BBC-S-East ADC Sum
VPD-East ADC Sum

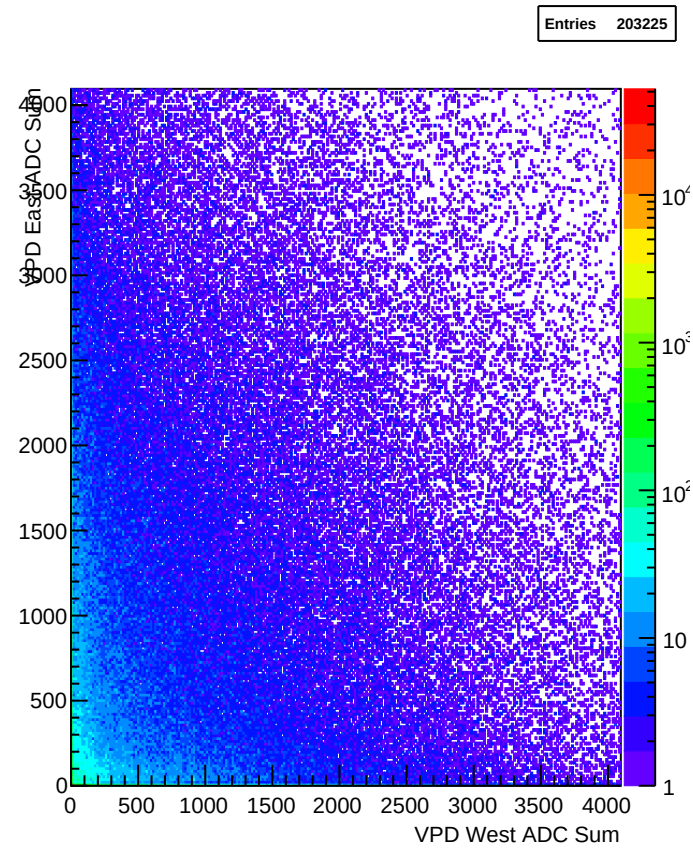

Entries 203225
BBC-S-West ADC Sum
VPD-West ADC Sum

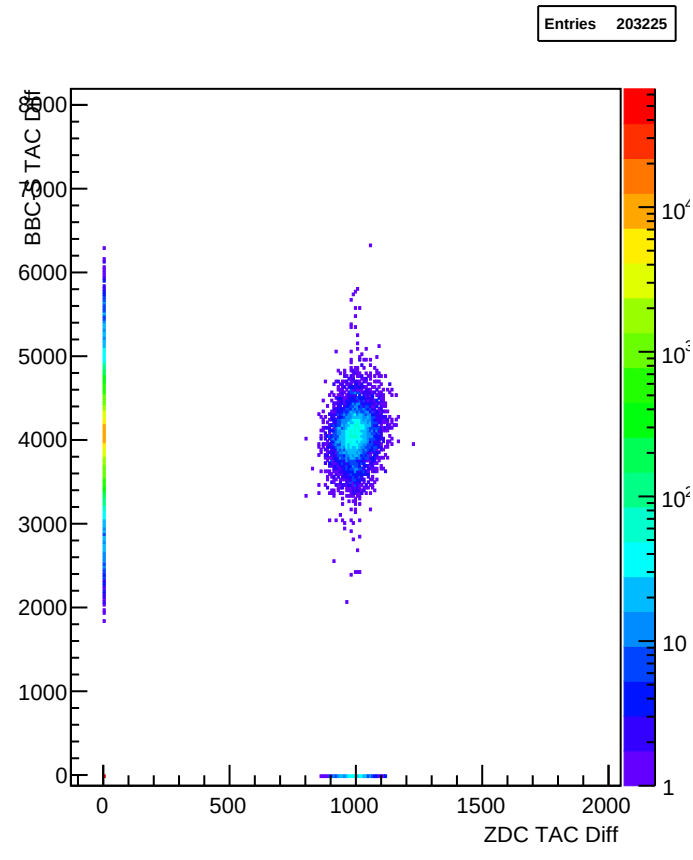

Entries 203225
VPD-East ADC Sum
ZDC-East ADC Sum Att

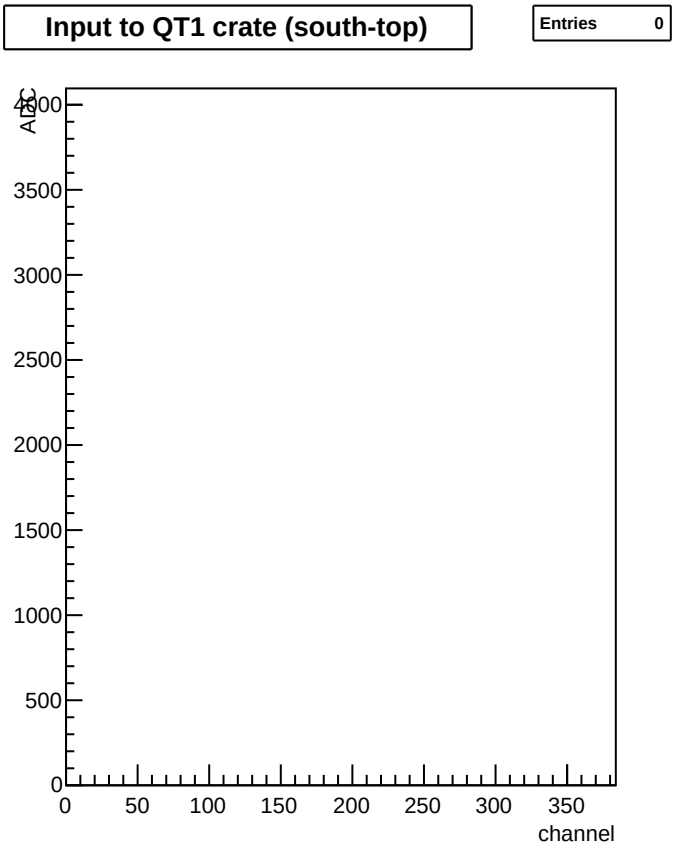

Entries 203225
VPD-West ADC Sum
ZDC-West ADC Sum Att

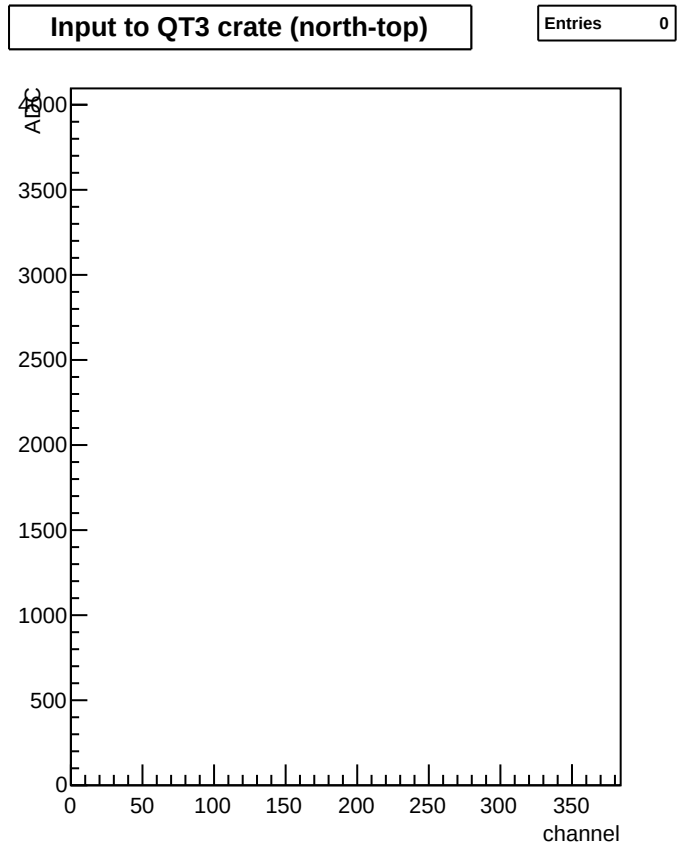

Entries 203225
BBC-S-East ADC Sum
BBC-S-West ADC Sum

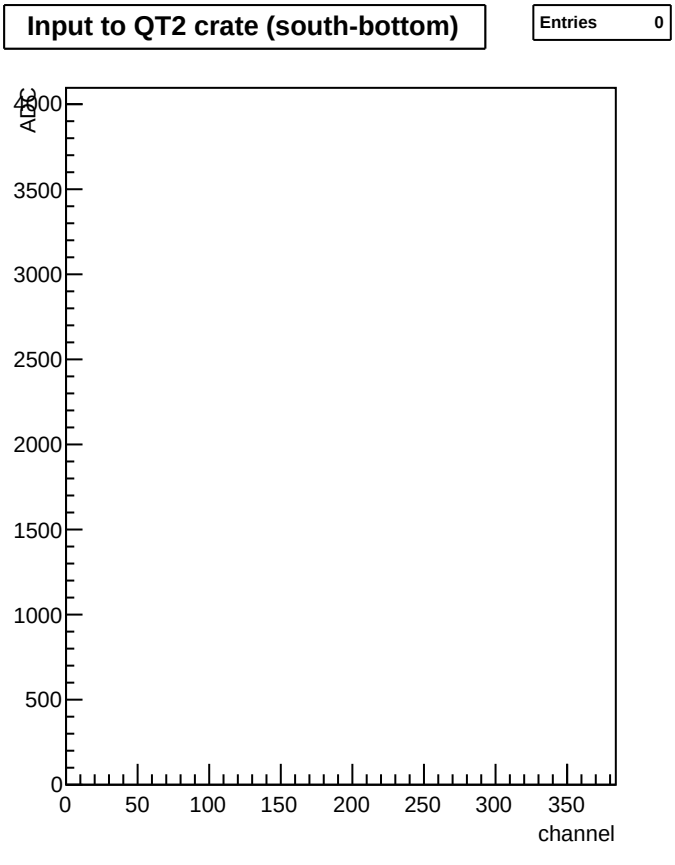

Entries 203225
ZDC East ADC Sum Att
ZDC West ADC Sum Att

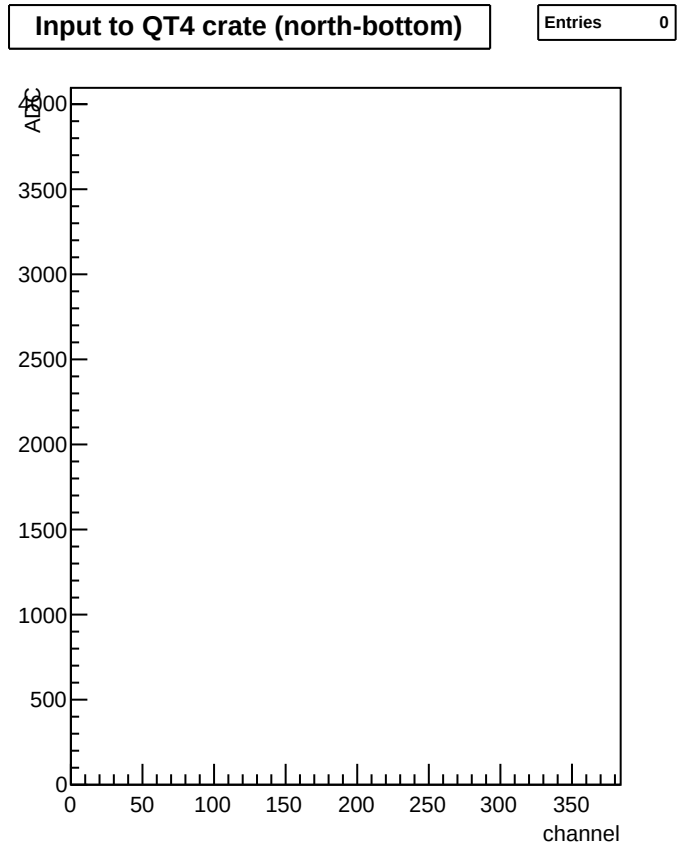

Entries 203225
VPD East ADC Sum
VPD West ADC Sum

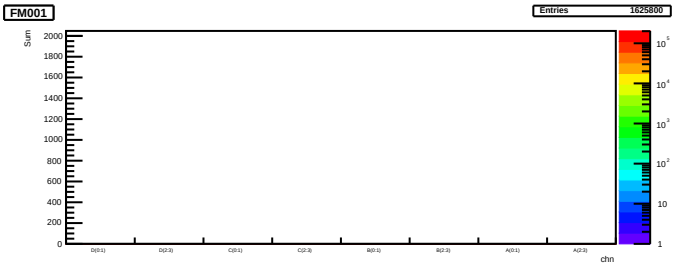

Entries 203225
BBC-S TAC Diff
ZDC TAC Diff

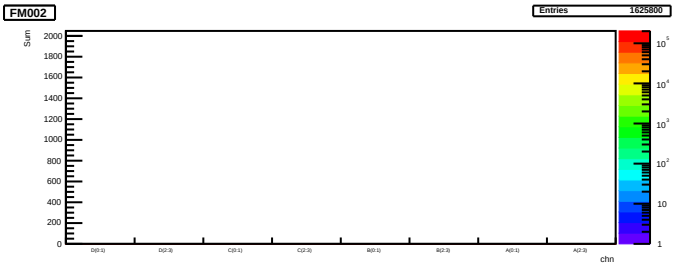

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

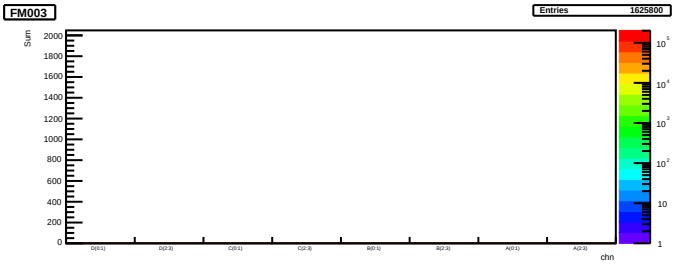

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

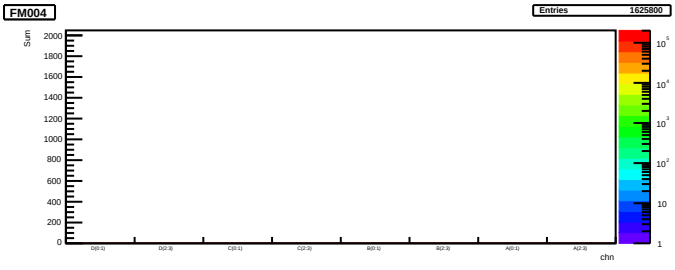

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

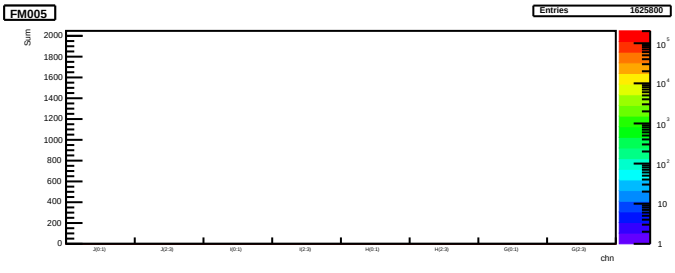

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

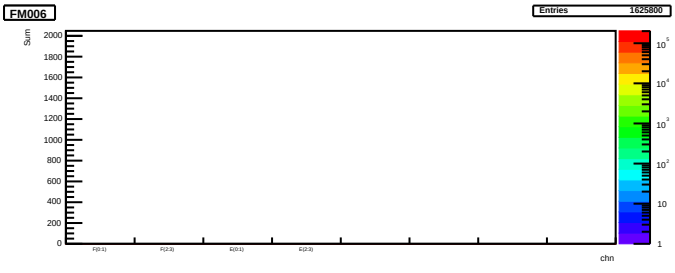

FM001
Entries 1625800
Sum
chn

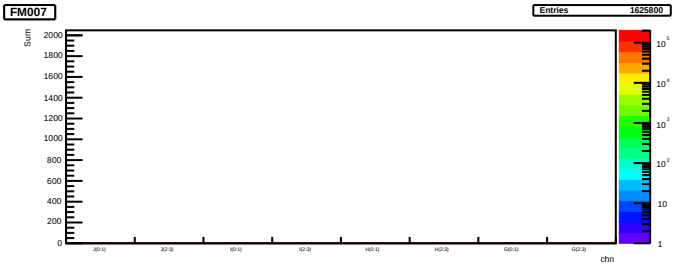

FM002
Entries 1625800
Sum
chn

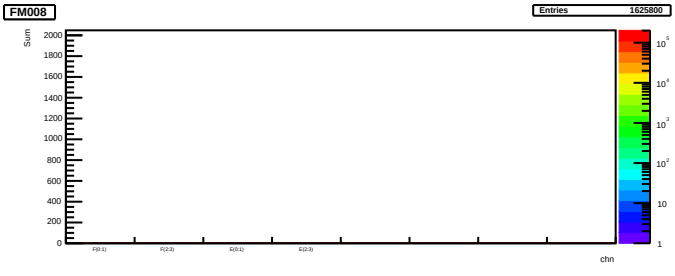

FM003
Entries 1625800
Sum
chn

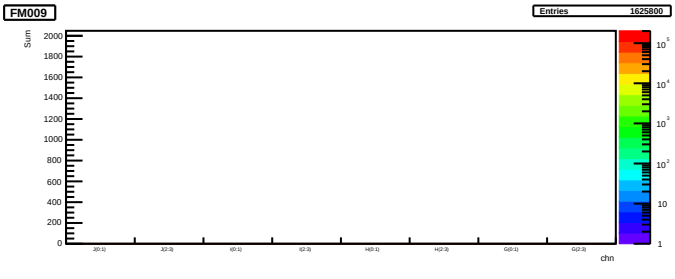

FM004
Entries 1625800
Sum
chn

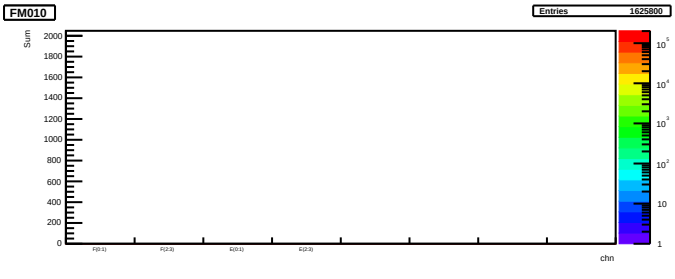

FM005
Entries 1625800
Sum
chn

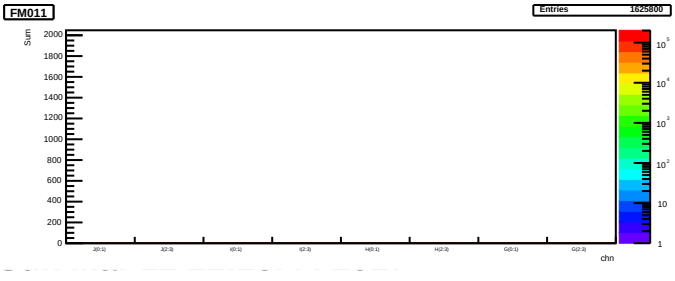

FM006
Entries 1625800
Sum
chn

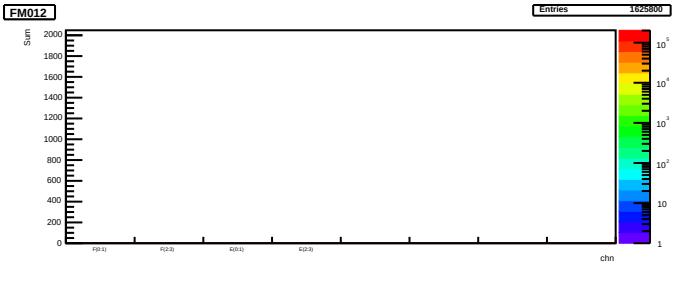

FM007
Entries 1625800
Sum
chn


FM008
Entries 1625800
Sum
chn


FM009
Entries 1625800
Sum
chn


FM010
Entries 1625800
Sum
chn


FM011
Entries 1625800
Sum
chn


FM012
Entries 1625800
Sum
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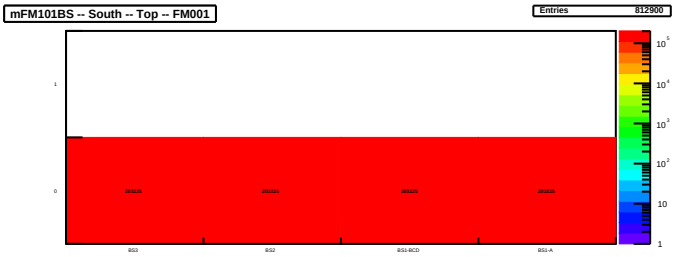
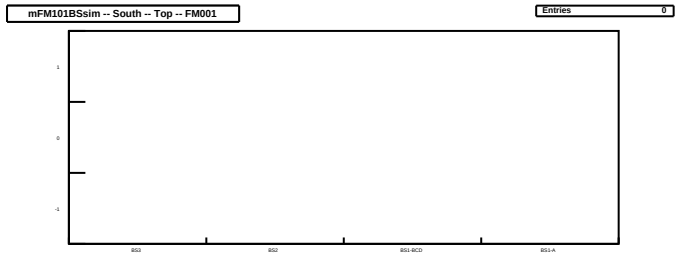

mFM101BS -- South -- Top -- FM001
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-BCD
BS1-A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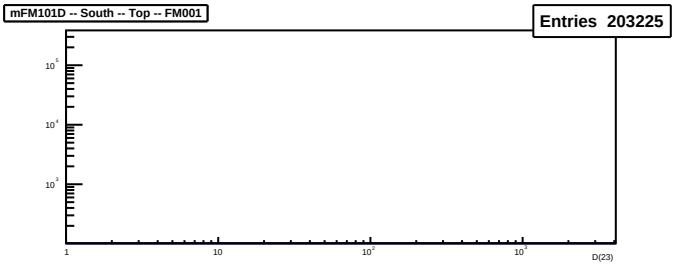
Entries 0
BS3
BS2
BS1-BCD
BS1-A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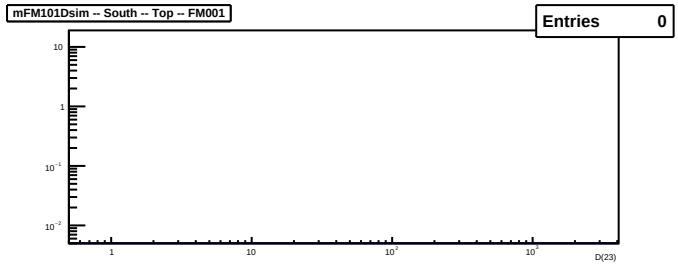
Entries 203225
D(23)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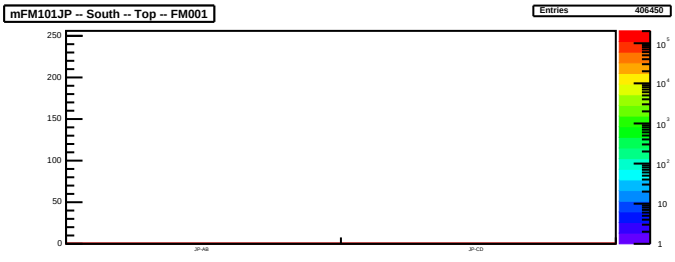
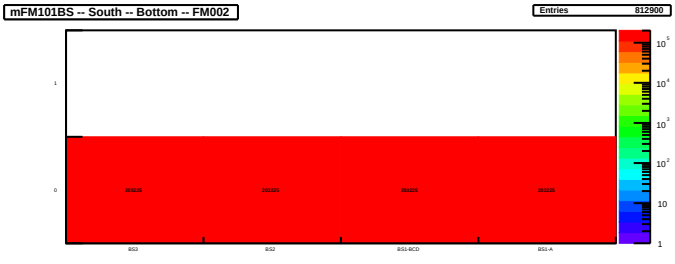
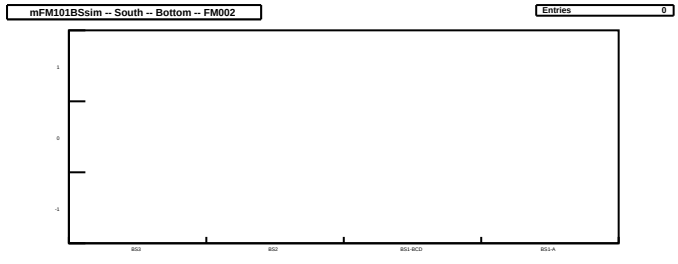
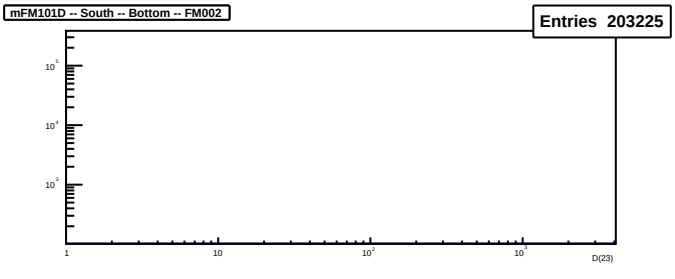
D(23)


mFM101JP -- South -- Top -- FM001
Entries 406450
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A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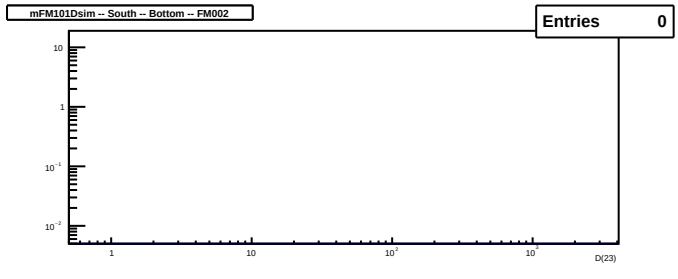
Entries 203225
D(23)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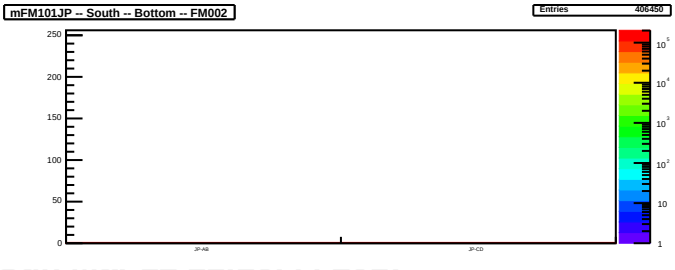
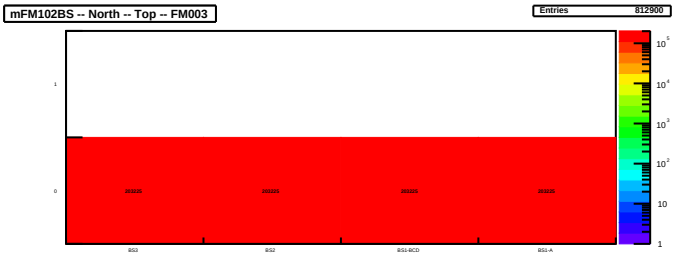
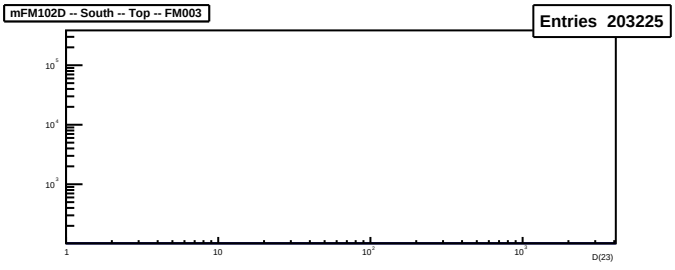
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 406450
JP-AB
JP-CD

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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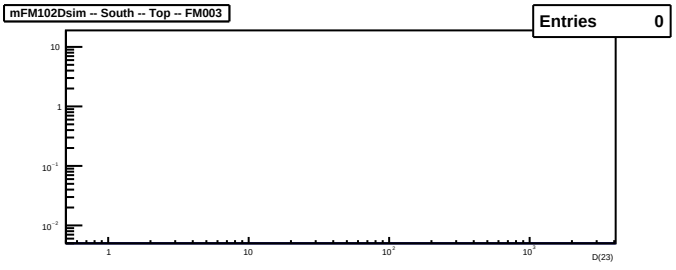
Entries 203225
D(23)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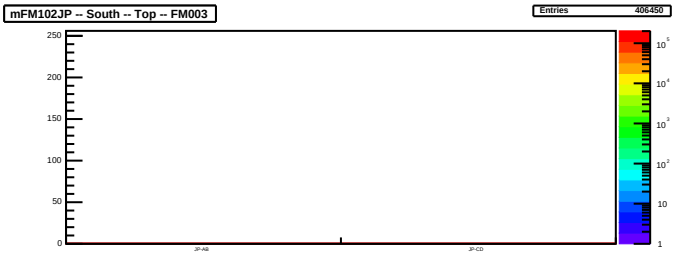
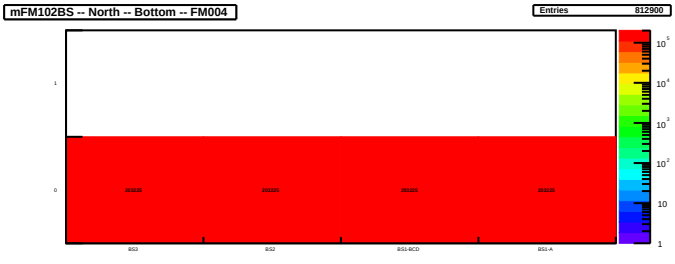
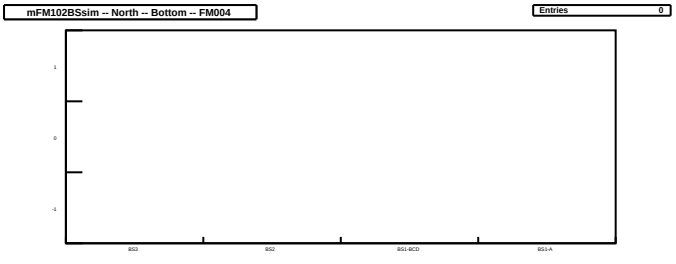
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 406450
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-BCD
BS1-A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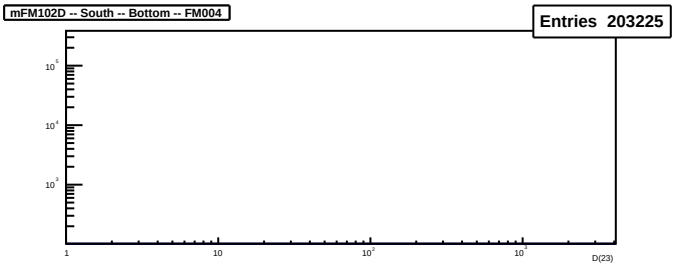
Entries 0
BS3
BS2
BS1-BCD
BS1-A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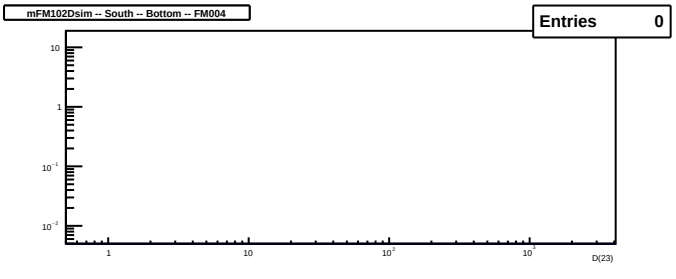
Entries 203225
D(23)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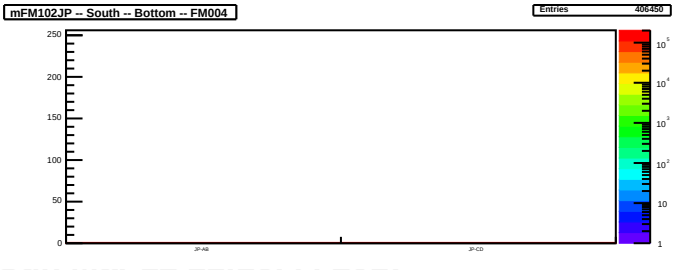
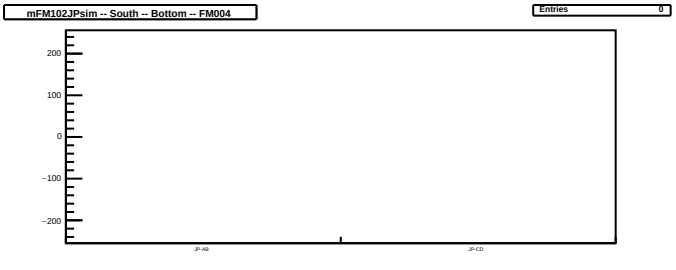
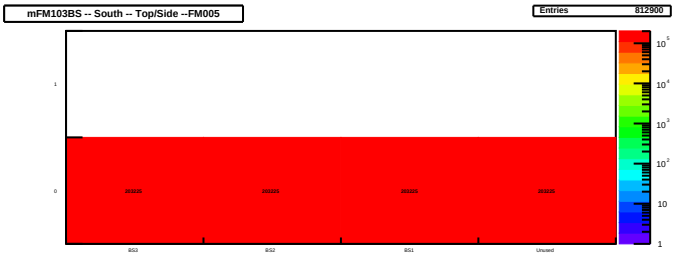
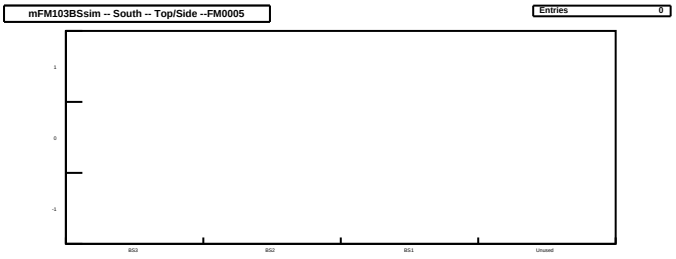
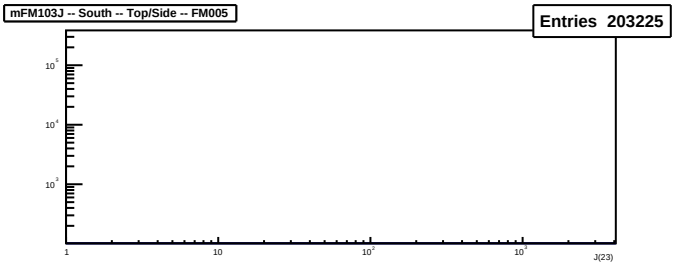
Entries 0
D(23)

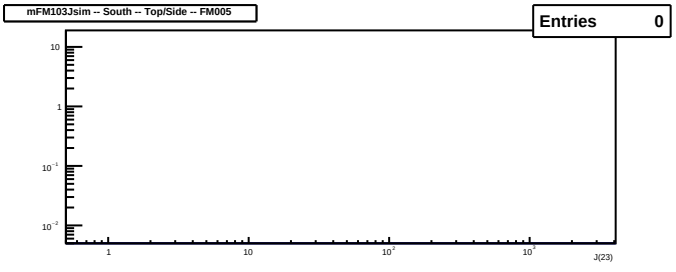

mFM102JP -- South -- Bottom -- FM004
Entries 406450
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 203225
J(23)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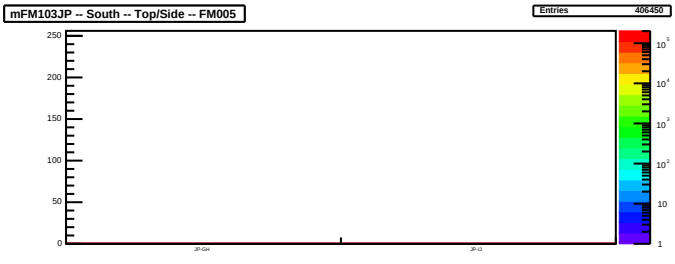
Entries 0
J(23)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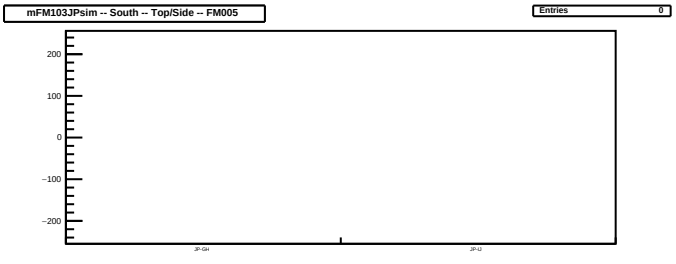
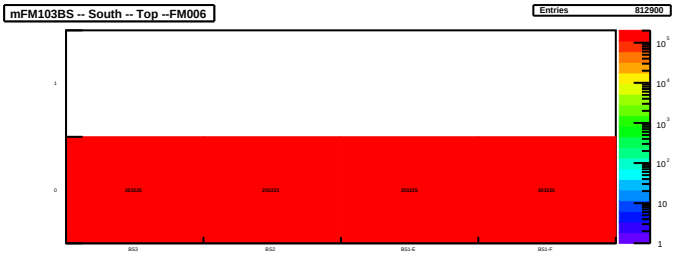
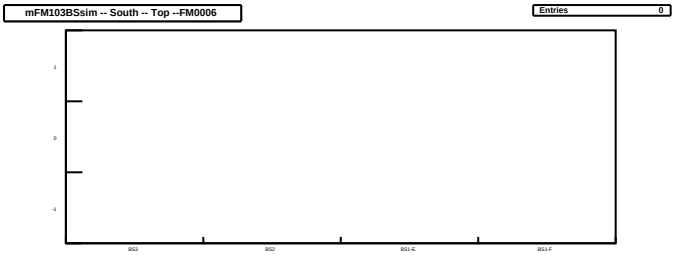
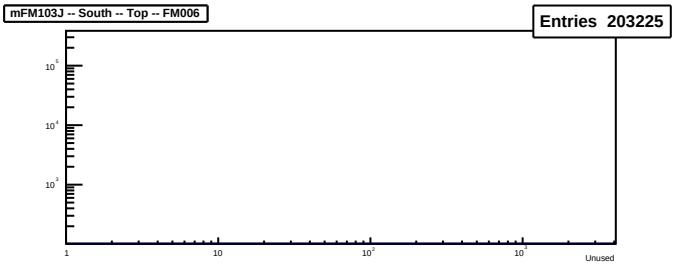
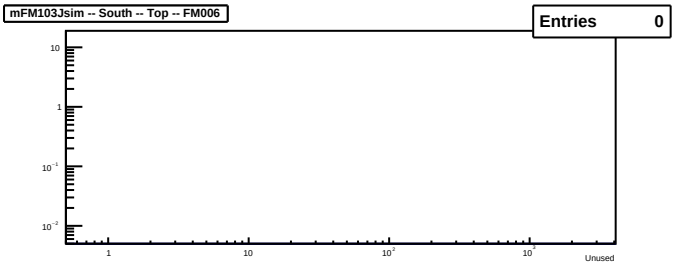
Entries 406450
JP-GH
JP-U


mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

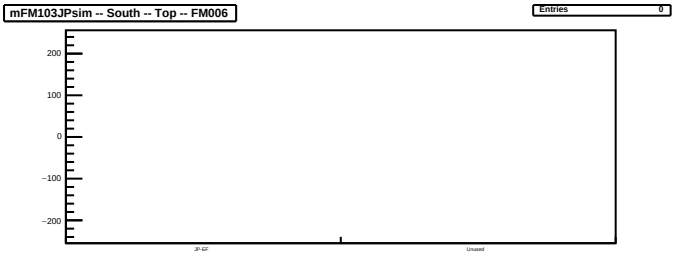

mFM103BS -- South -- Top --FM006
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 203225
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 406450
JP-EF
Unused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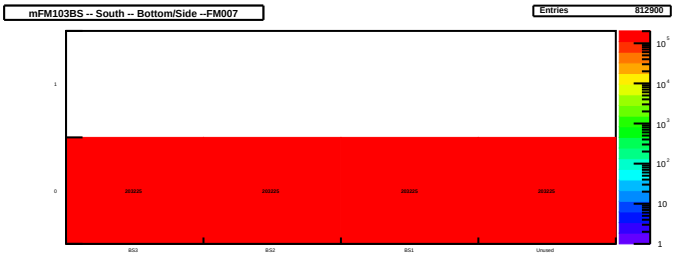
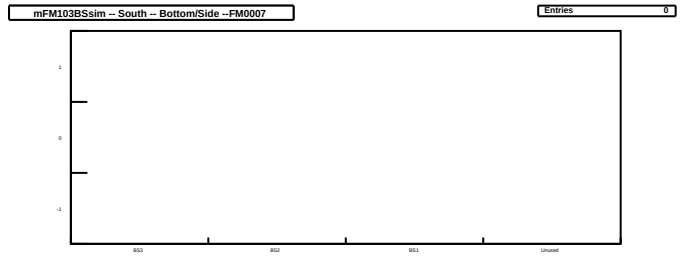
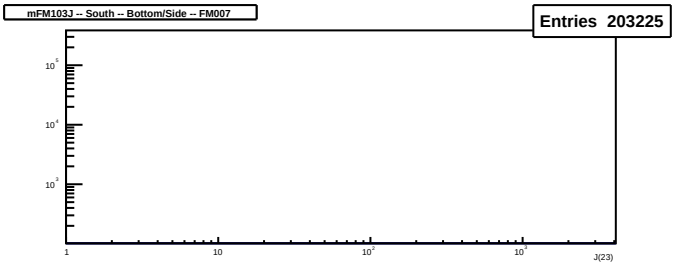
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused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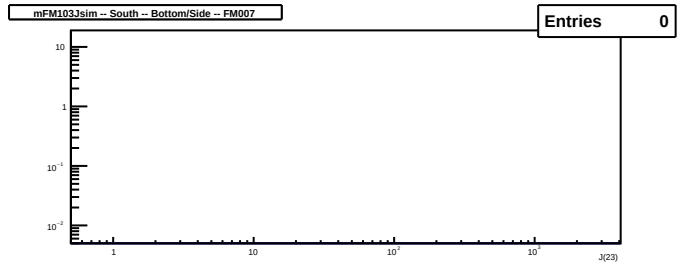
Entries 203225
J(23)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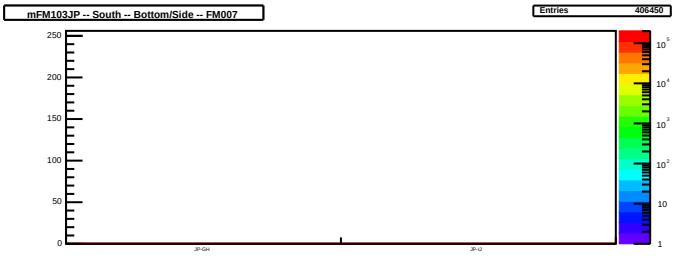
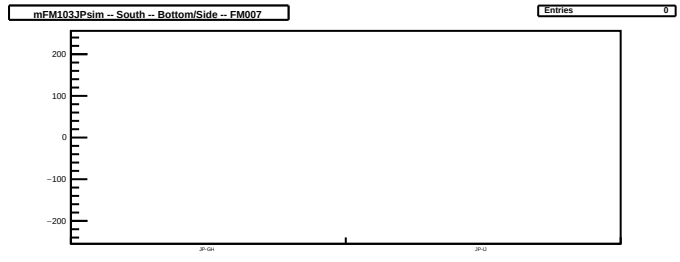
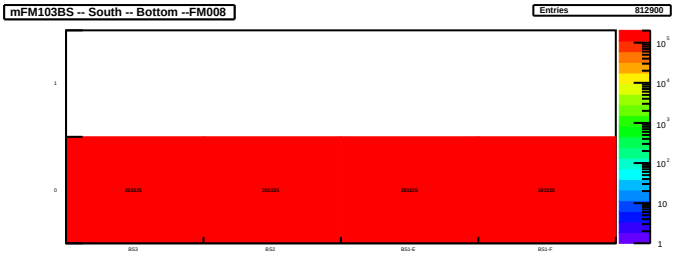
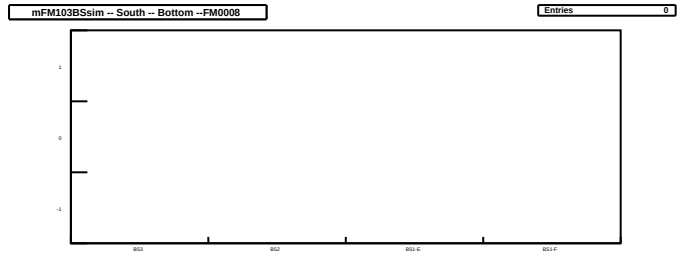
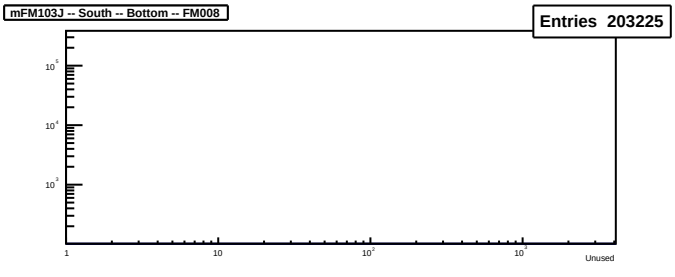
Entries 0
J(23)

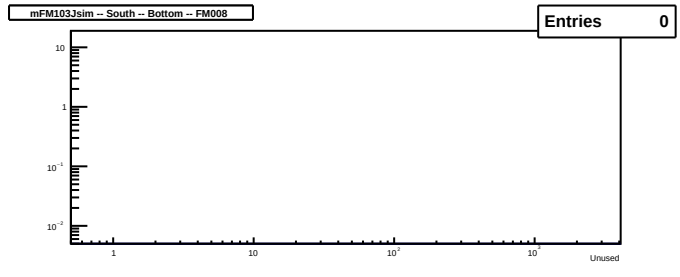

mFM103JP -- South -- Bottom/Side -- FM007
Entries 406450
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

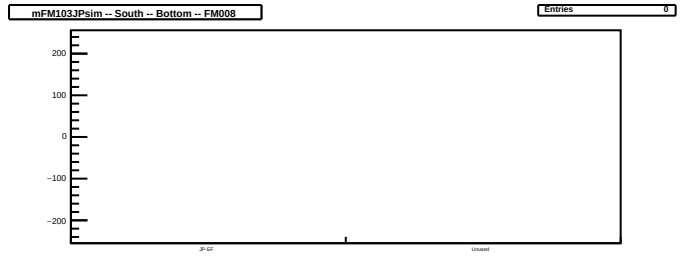

mFM103BS -- South -- Bottom --FM008
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 203225
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

mFM103JP -- South -- Bottom -- FM008
Entries 406450
JP-EF
Unused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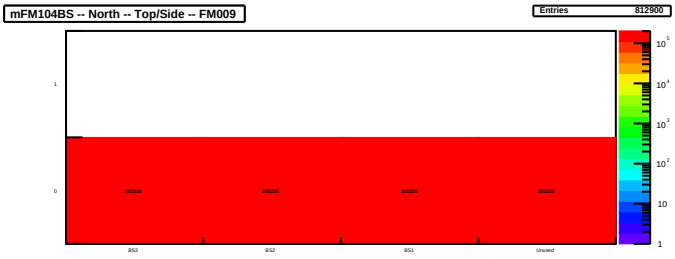
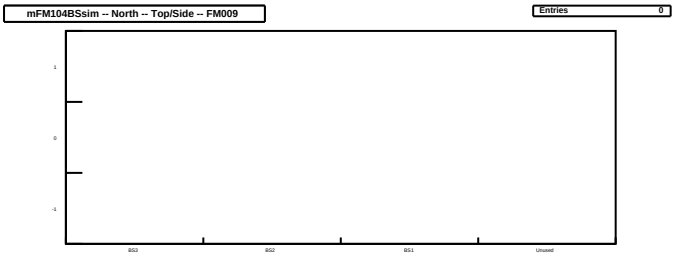
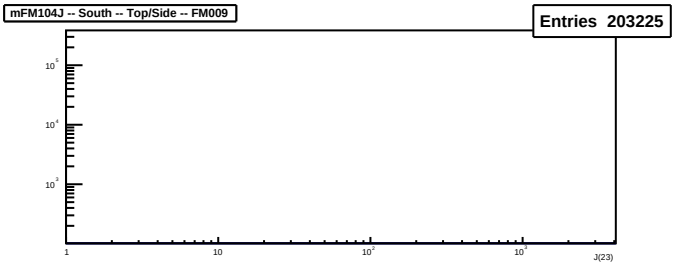
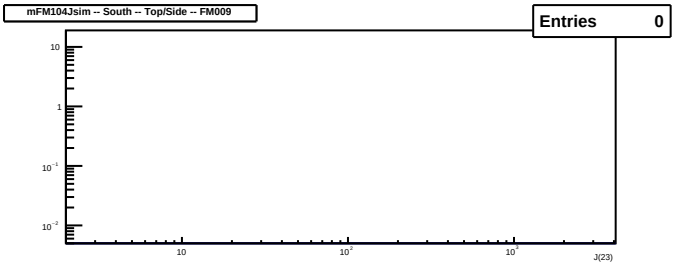
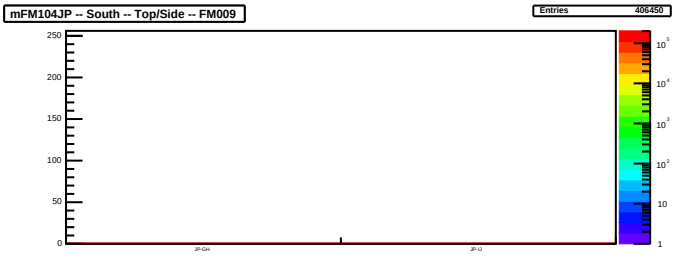
Entries 0
JP-EF
Unused

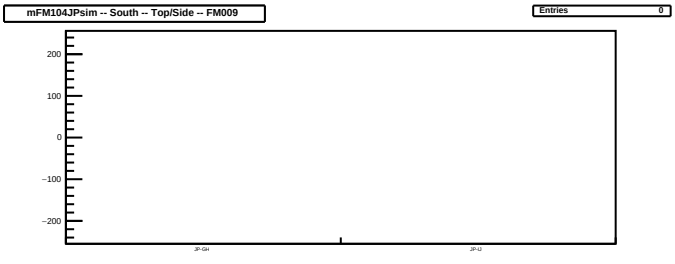

mFM104BS -- North -- Top/Side -- FM009
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1
Unused

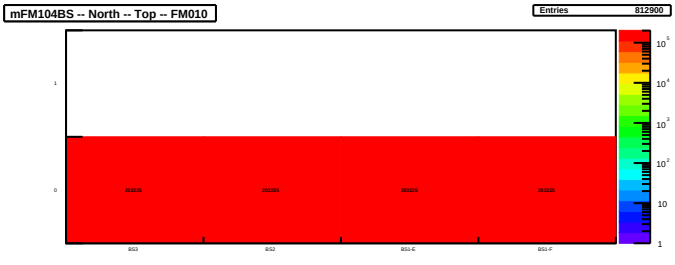

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

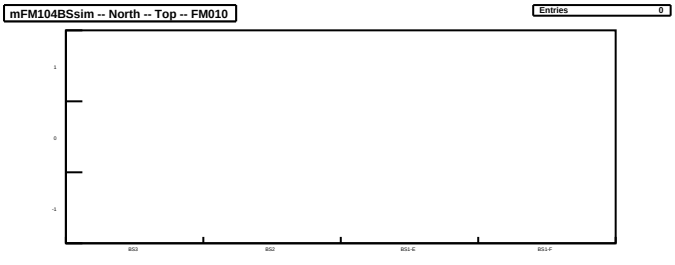

mFM104J -- South -- Top/Side -- FM009
Entries 203225
J(23)

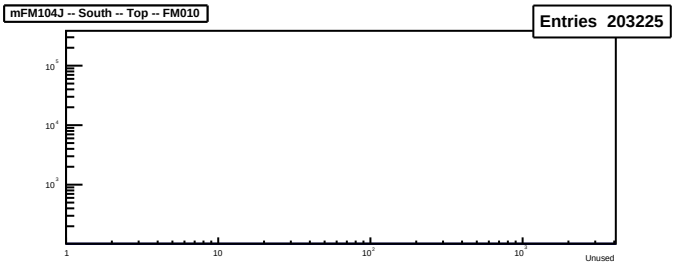

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

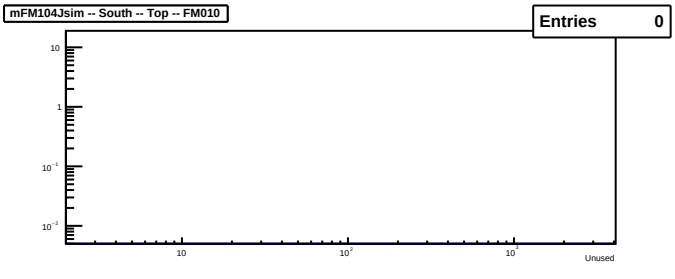

mFM104JP -- South -- Top/Side -- FM009
Entries 406450
JP-GH
JP-IJ


mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ

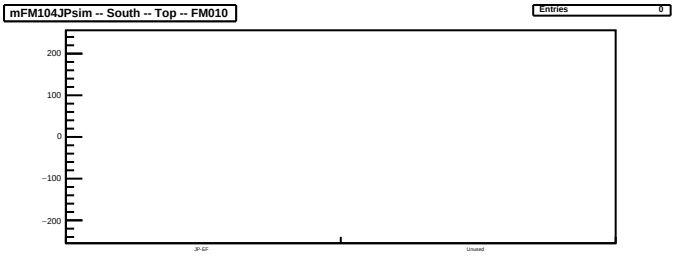

mFM104BS -- North -- Top -- FM010
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-E
BS1-F

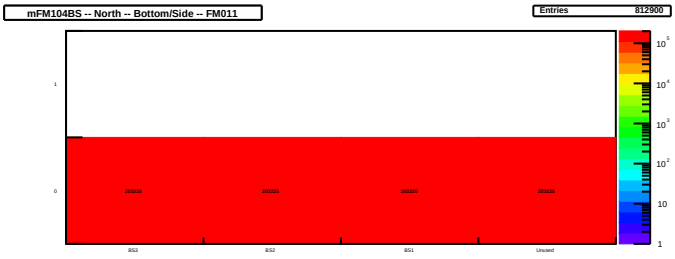

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

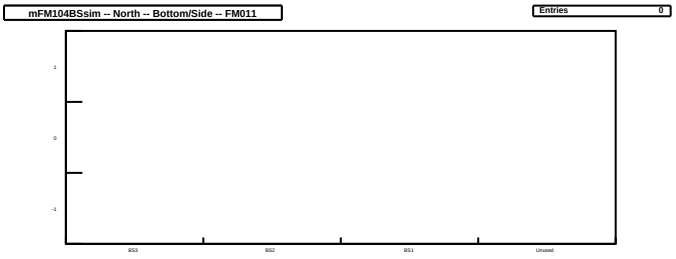

mFM104J -- South -- Top -- FM010
Entries 203225
Unused

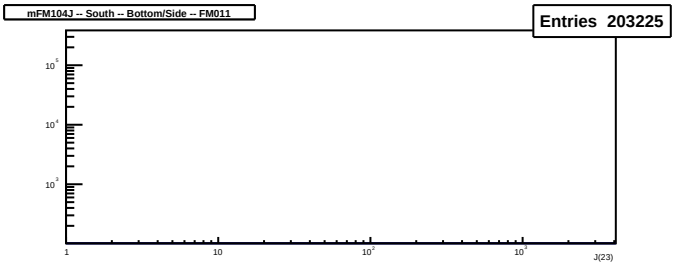

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

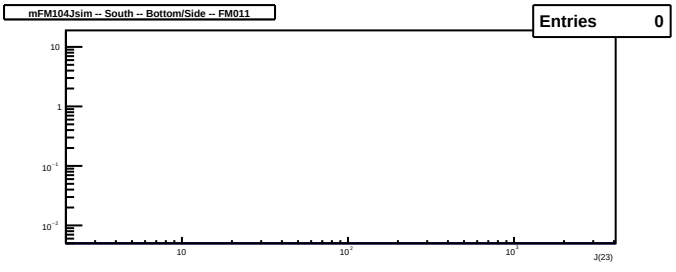
mFM104JP -- South -- Top -- FM010
Entries 406450
JP-EF
Unused

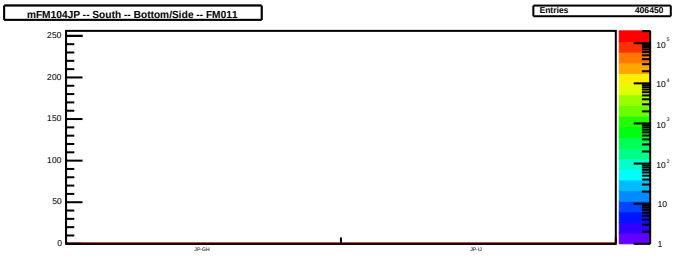

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

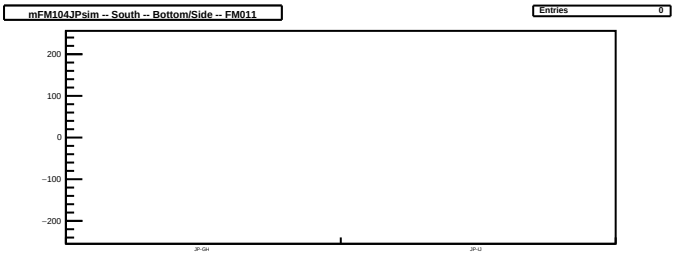

mFM104BS -- North -- Bottom/Side -- FM011
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1
Unused

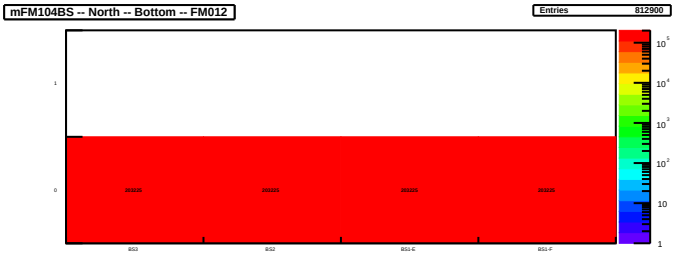

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

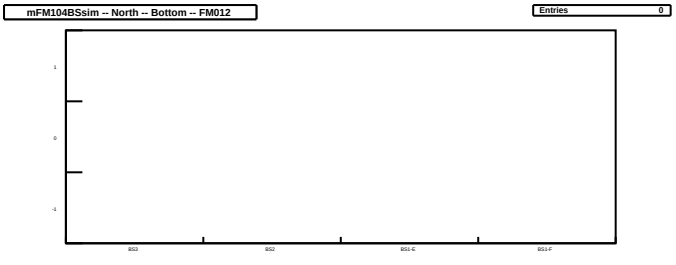

mFM104J -- South -- Bottom/Side -- FM011
Entries 203225
J(23)

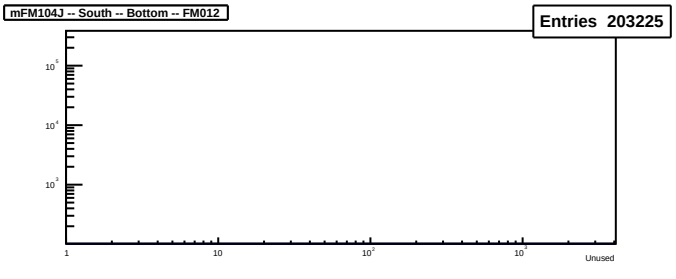

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

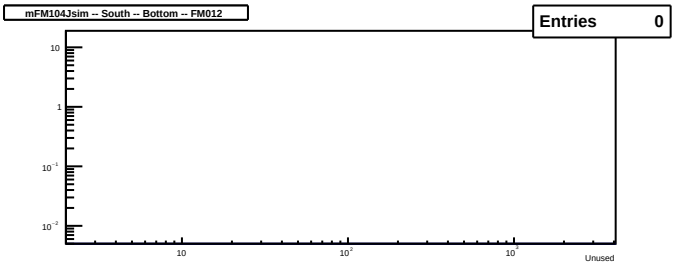

mFM104JP -- South -- Bottom/Side -- FM011
Entries 406450
JP-GH
JP-IJ


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

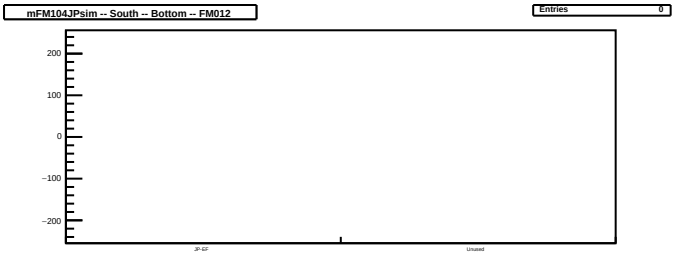

mFM104BS -- North -- Bottom -- FM012
Entries 812900
203225
203225
203225
203225
BS3
BS2
BS1-E
BS1-F

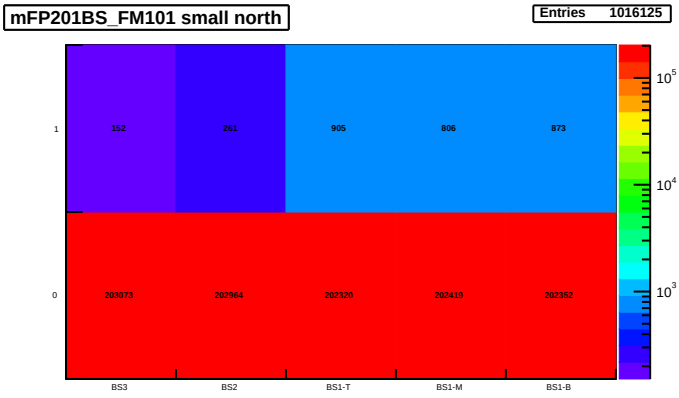

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

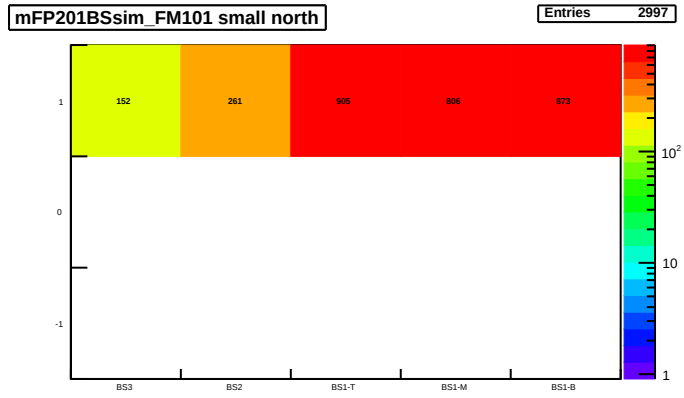

mFM104J -- South -- Bottom -- FM012
Entries 203225
Unused

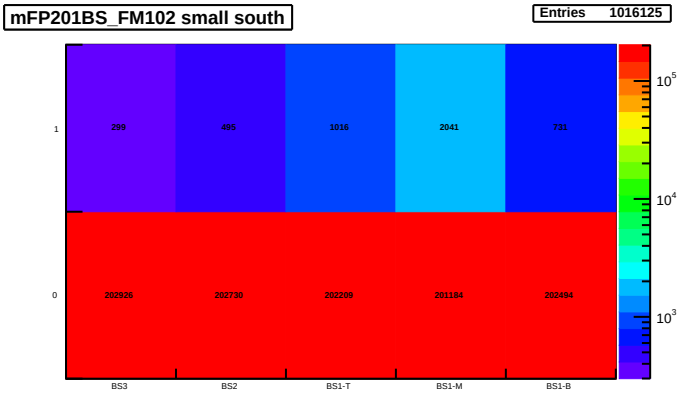

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

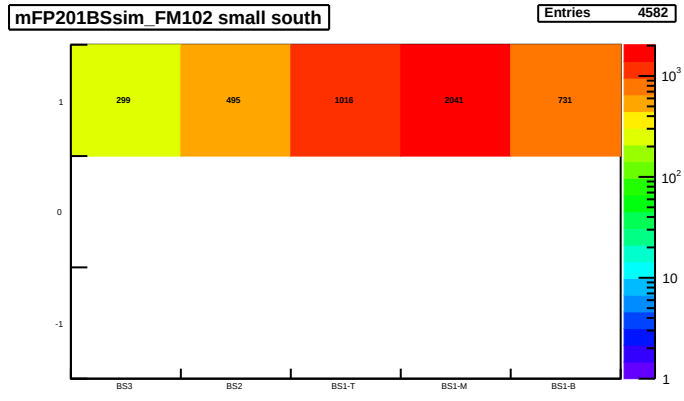
mFM104JP -- South -- Bottom -- FM012
Entries 406450
JP-EF
Unused

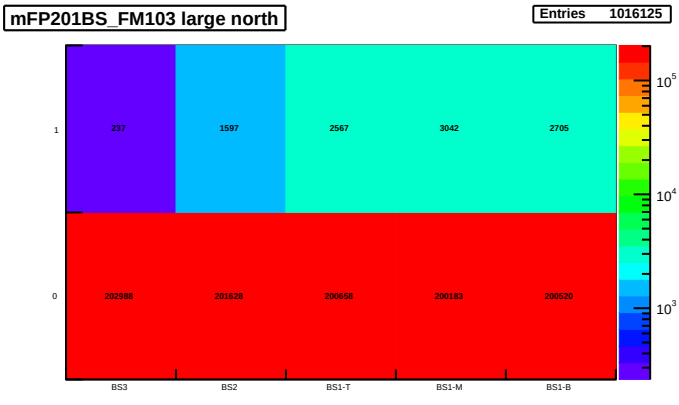

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

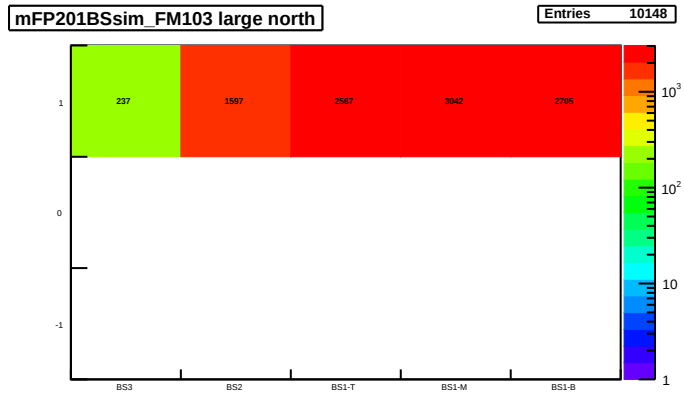

mFP201BS_FM101 small north
Entries 1016125
152 261 905 806 873
203073 202964 202320 202419 202352
BS3 BS2 BS1-T BS1-M BS1-B

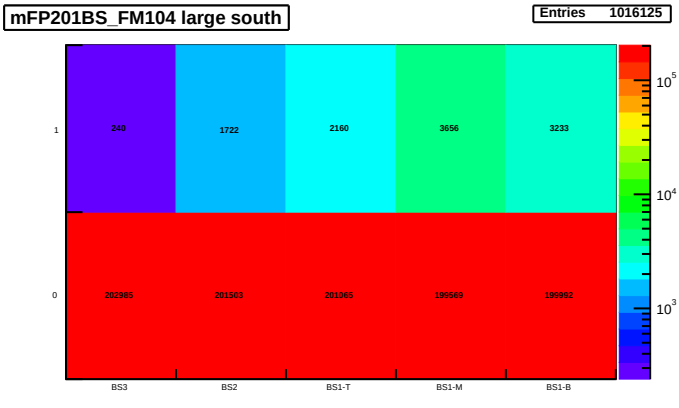

mFP201BSsim_FM101 small north
Entries 2997
152 261 905 806 873
BS3 BS2 BS1-T BS1-M BS1-B

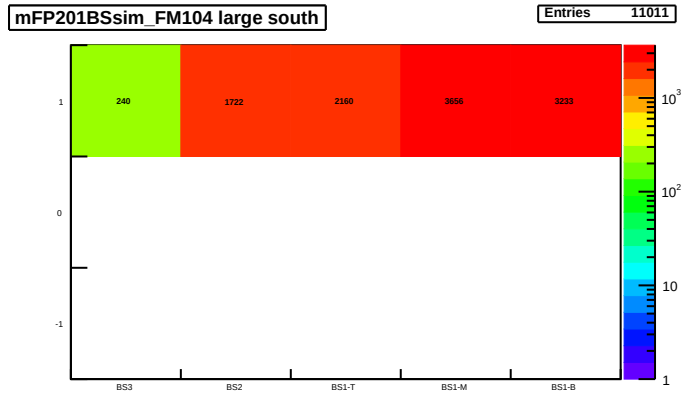

mFP201BS_FM102 small south
Entries 1016125
299 495 1016 2041 731
202926 202730 202209 201184 202494
BS3 BS2 BS1-T BS1-M BS1-B

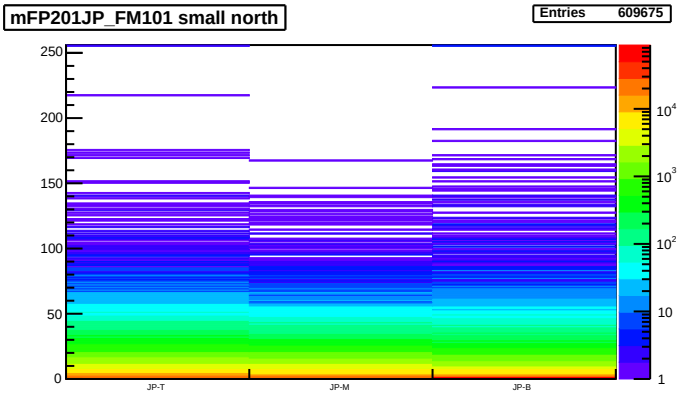

mFP201BSsim_FM102 small south
Entries 4582
299 495 1016 2041 731
BS3 BS2 BS1-T BS1-M BS1-B

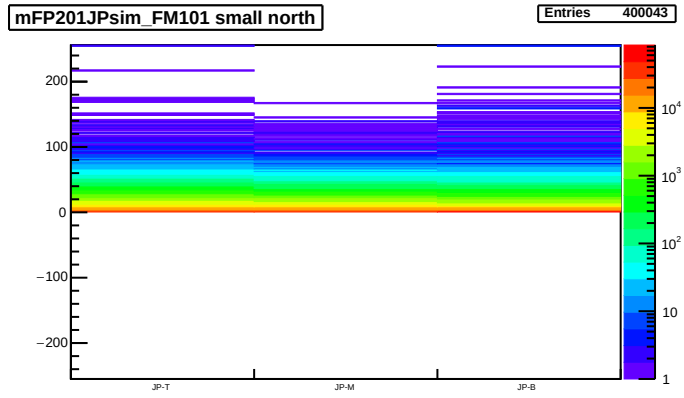

mFP201BS_FM103 large north
Entries 1016125
237 1597 2567 3042 2705
202988 201628 200658 200183 200520
BS3 BS2 BS1-T BS1-M BS1-B

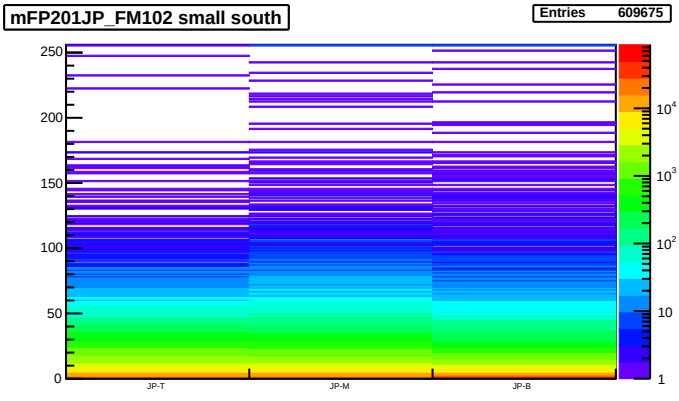

mFP201BSsim_FM103 large north
Entries 10148
237 1597 2567 3042 2705
BS3 BS2 BS1-T BS1-M BS1-B

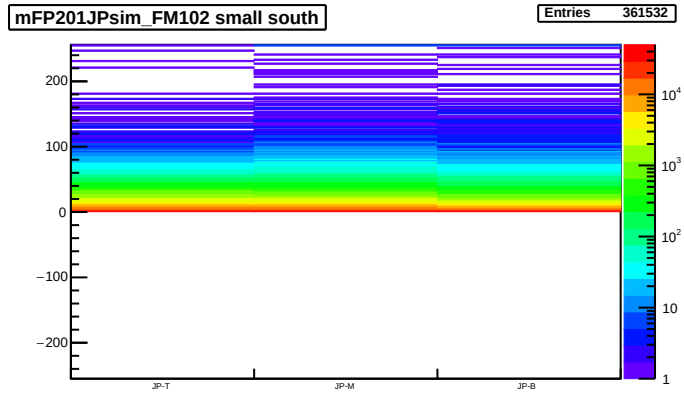

mFP201BS_FM104 large south
Entries 1016125
240 1722 2160 3656 3233
202985 201503 201065 199569 199992
BS3 BS2 BS1-T BS1-M BS1-B

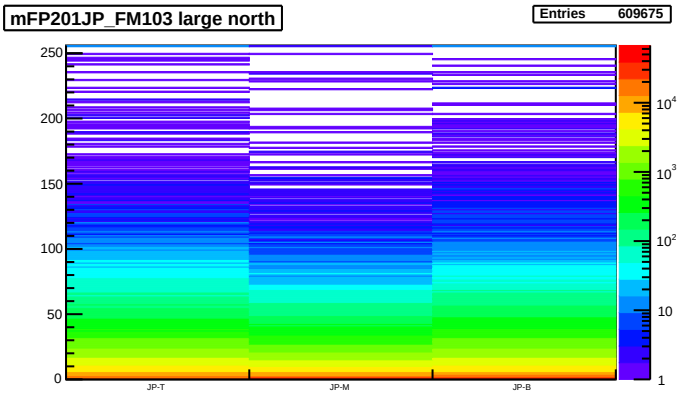

mFP201BSsim_FM104 large south
Entries 11011
240 1722 2160 3656 3233
BS3 BS2 BS1-T BS1-M BS1-B

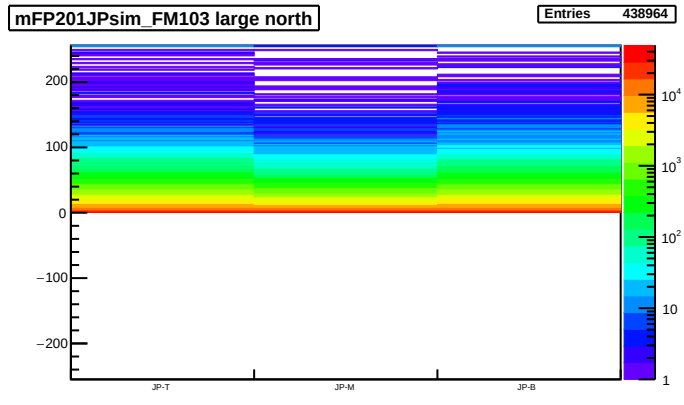

mFP201JP_FM101 small north
Entries 609675
JP-T
JP-M
JP-B

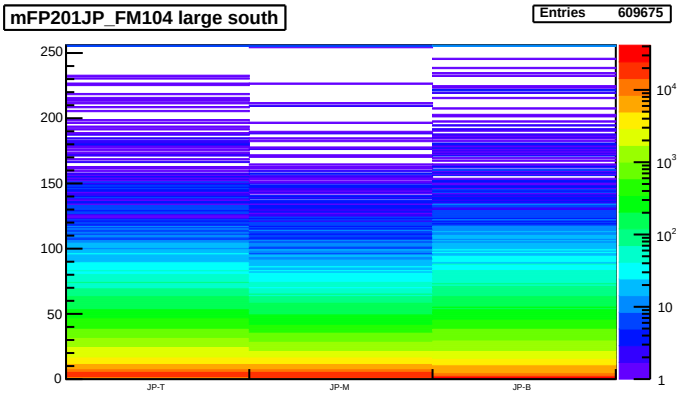

mFP201JPsim_FM101 small north
Entries 400043
JP-T
JP-M
JP-B

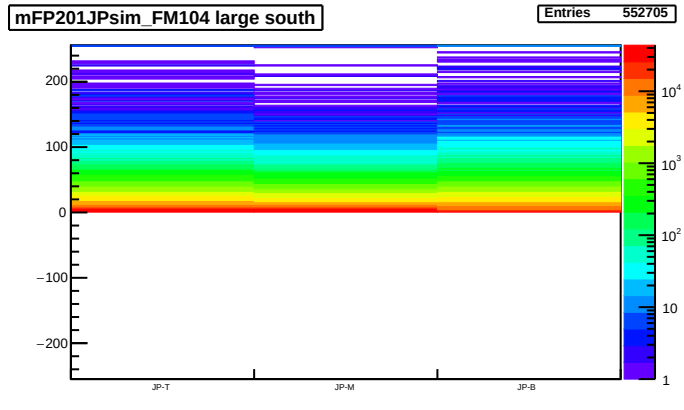

mFP201JP_FM102 small south
Entries 609675
JP-T
JP-M
JP-B

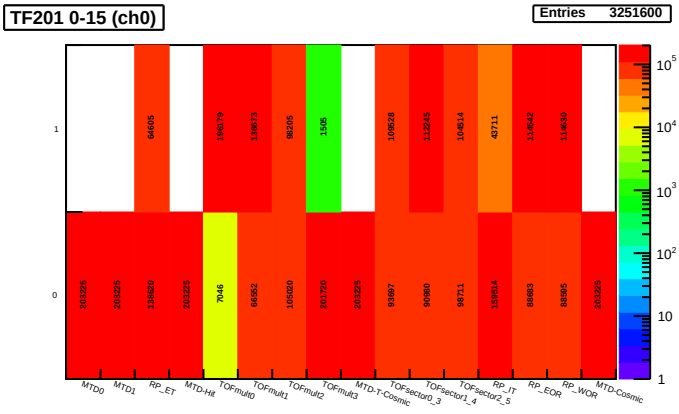

mFP201JPsim_FM102 small south
Entries 361532
JP-T
JP-M
JP-B

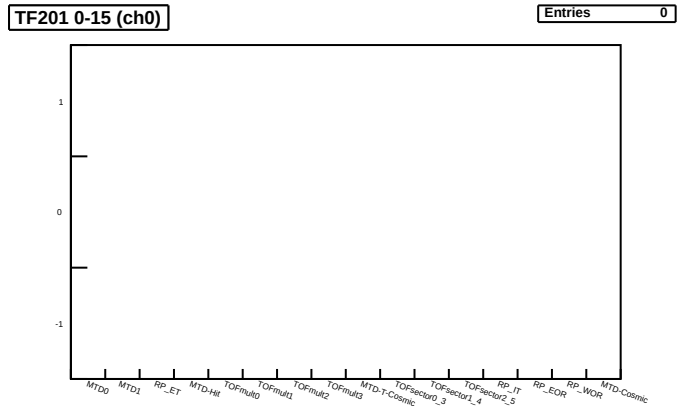

mFP201JP_FM103 large north
Entries 609675
JP-T
JP-M
JP-B

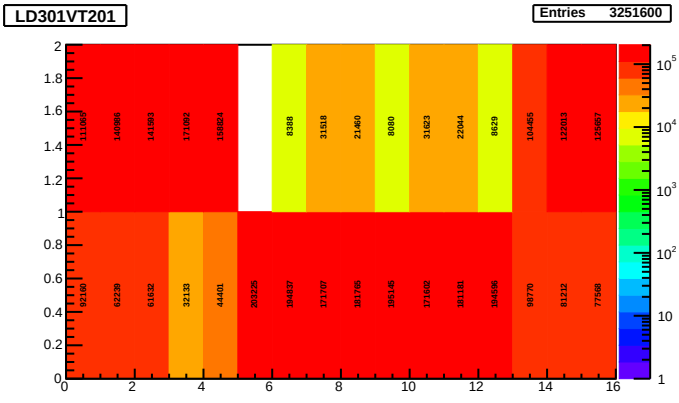

mFP201JPsim_FM103 large north
Entries 438964
JP-T
JP-M
JP-B

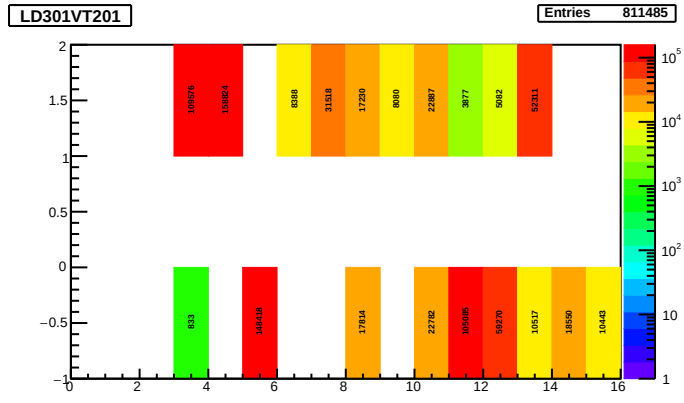

mFP201JP_FM104 large south
Entries 609675
JP-T
JP-M
JP-B

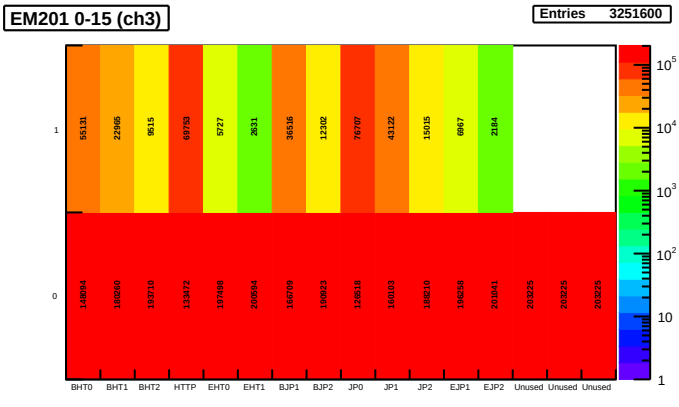

mFP201JPsim_FM104 large south
Entries 552705
JP-T
JP-M
JP-B

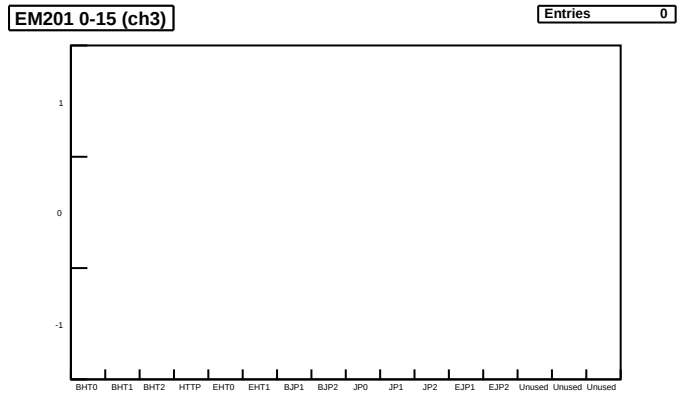

TF201 0-15 (ch0)
Entries 3251600
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

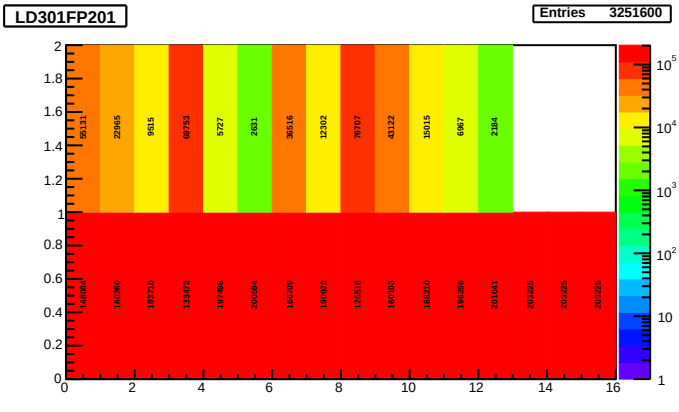

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

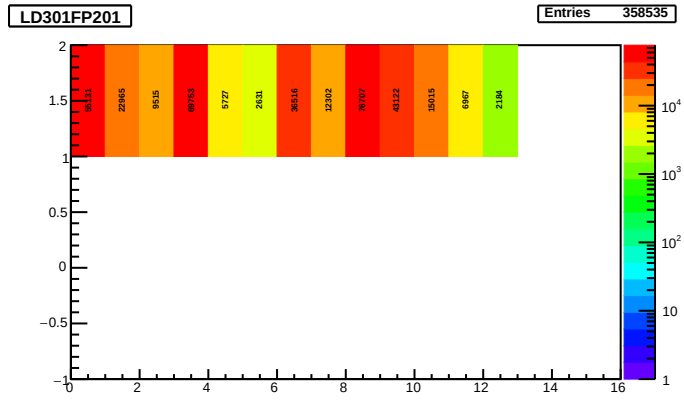

LD301VT201
Entries 3251600


LD301VT201
Entries 811485


EM201 0-15 (ch3)
Entries 3251600
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 3251600


LD301FP201
Entries 358535