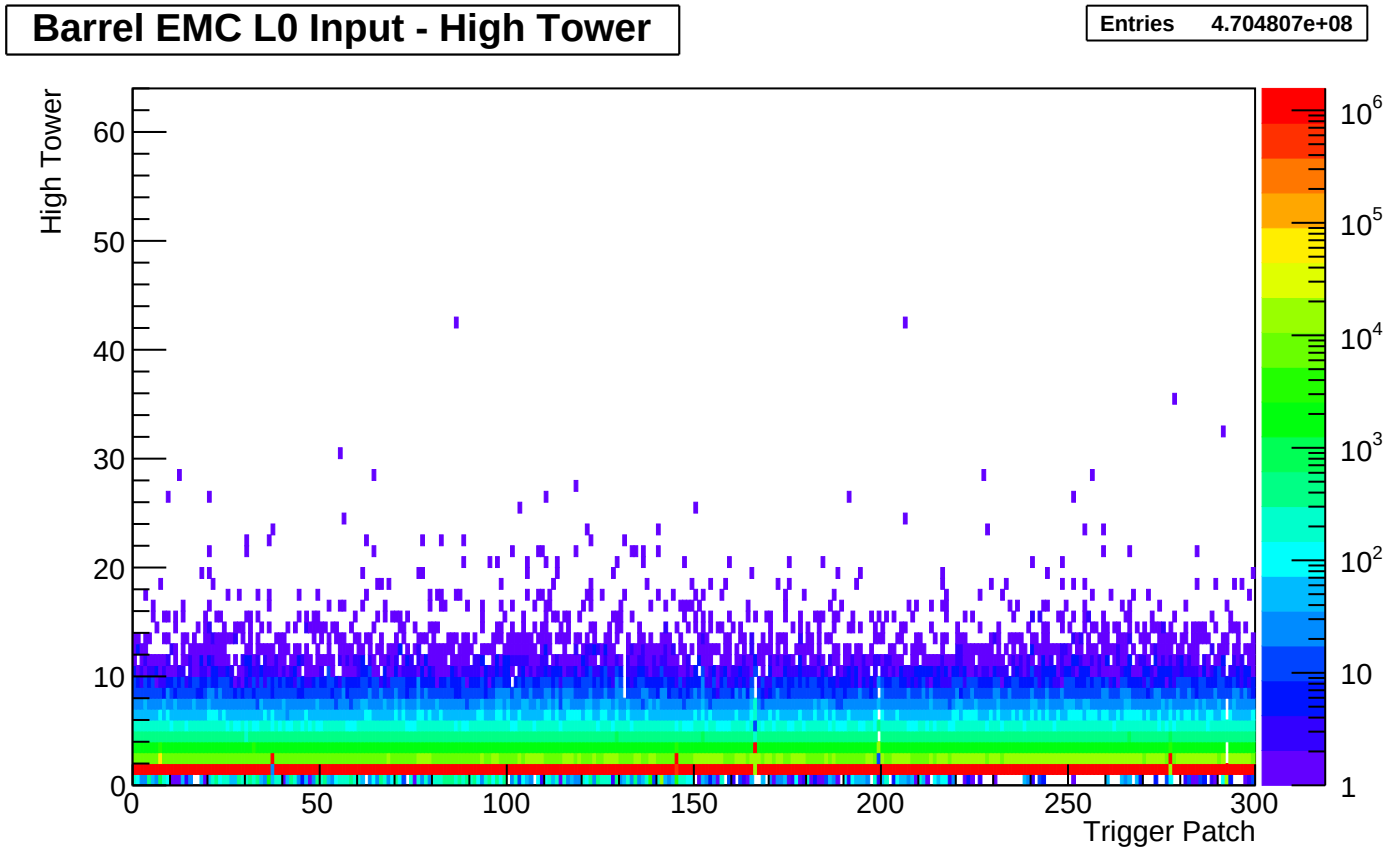
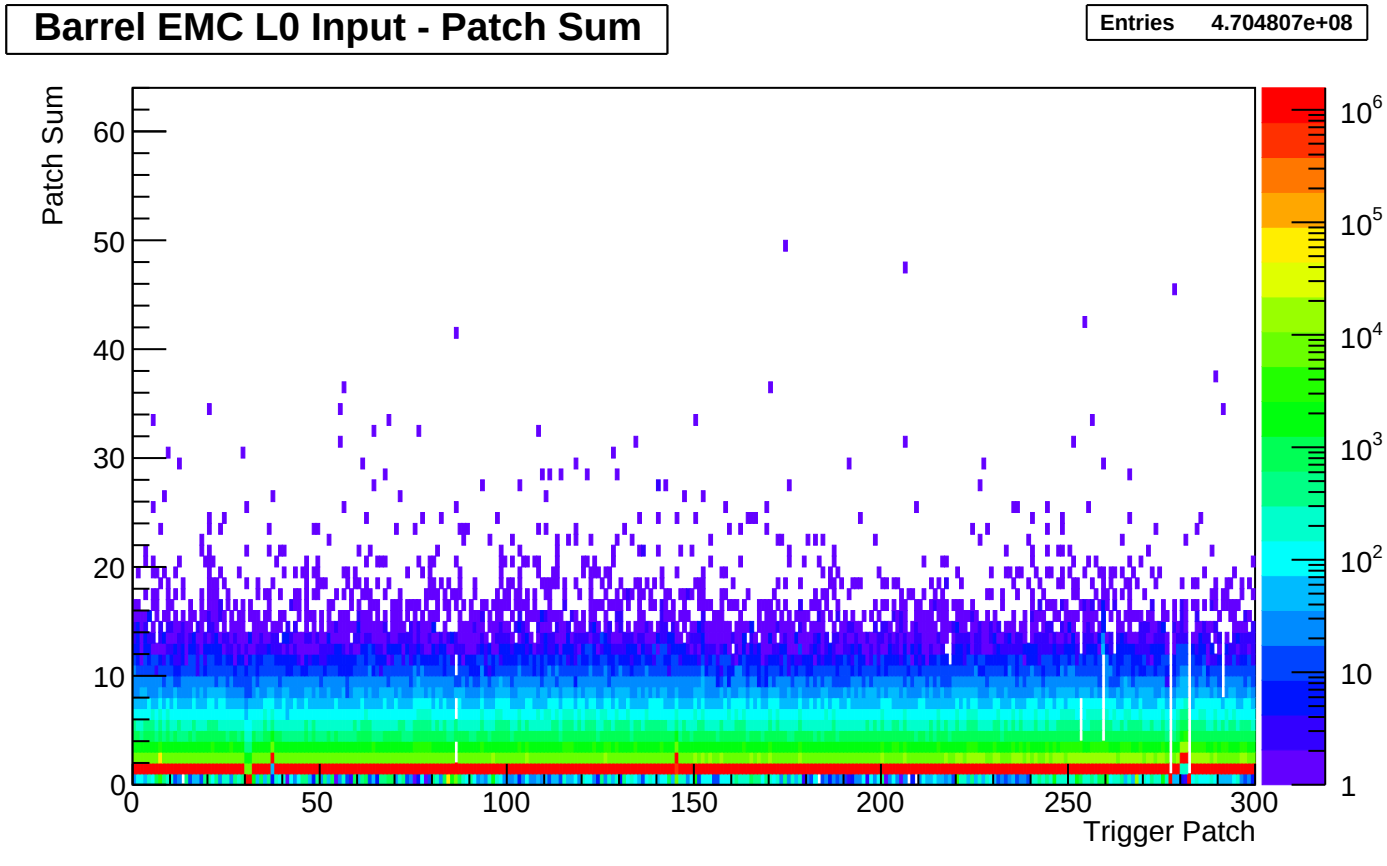
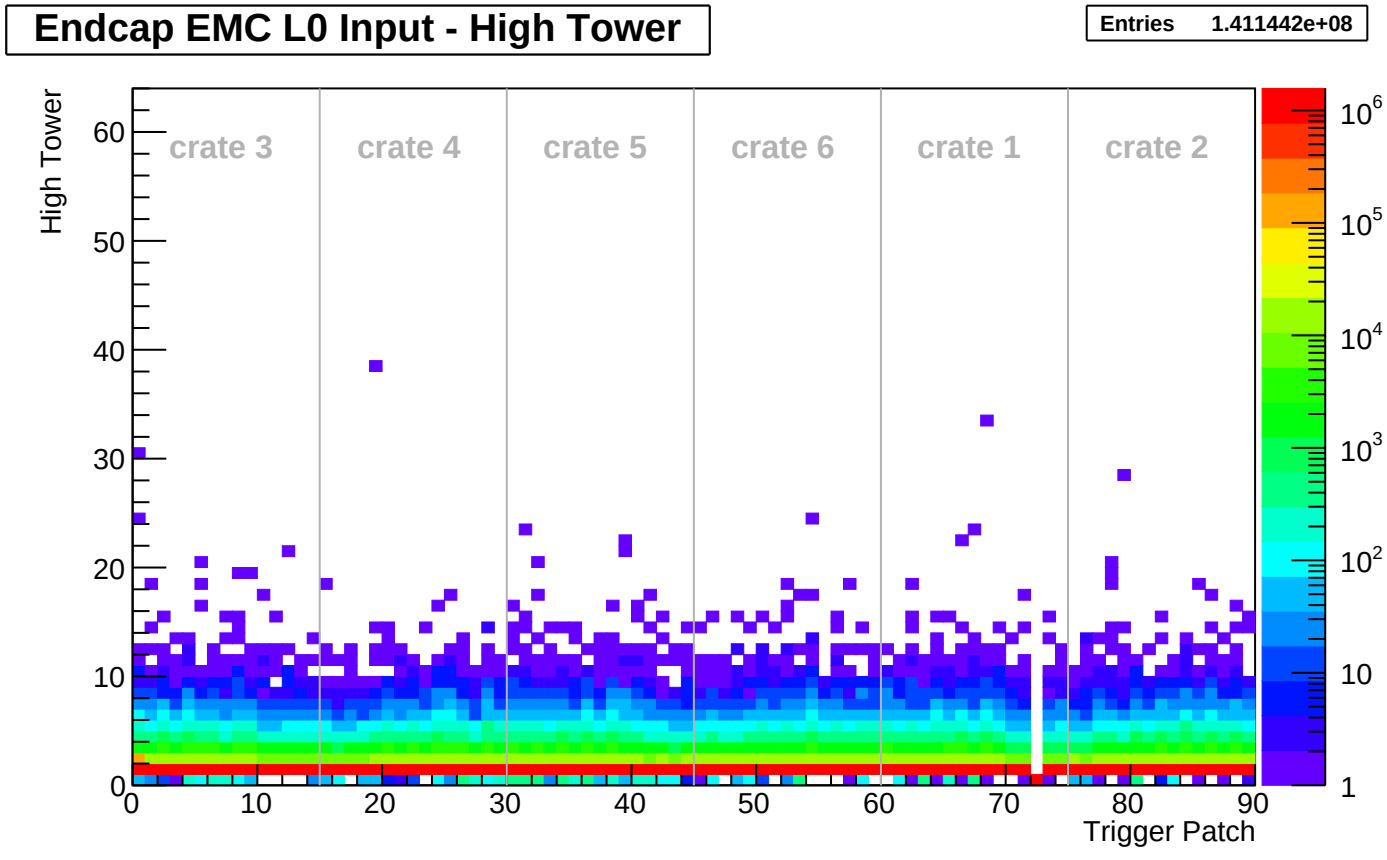
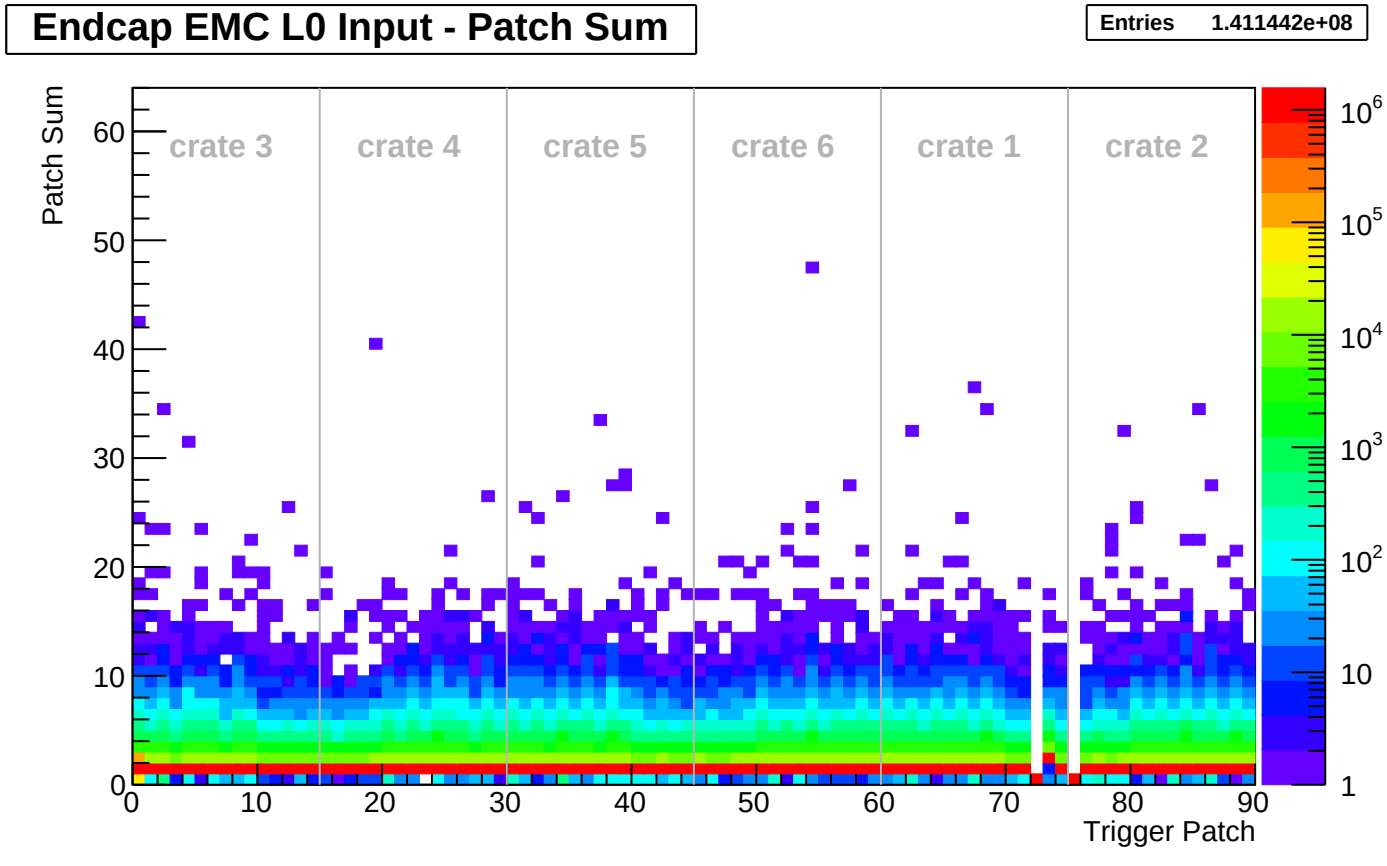
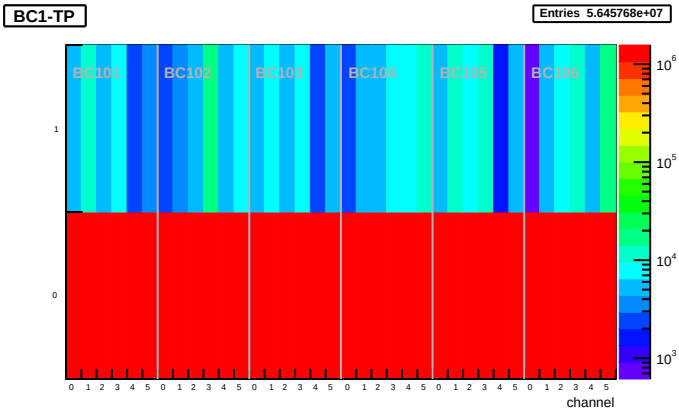
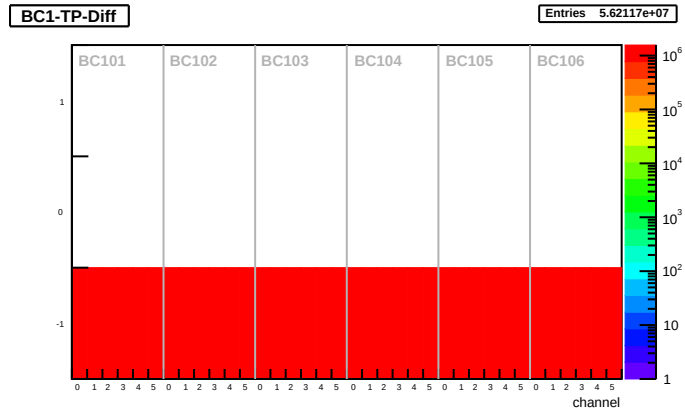

Barrel EMC L0 Input - High Tower
Entries 4.704807e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

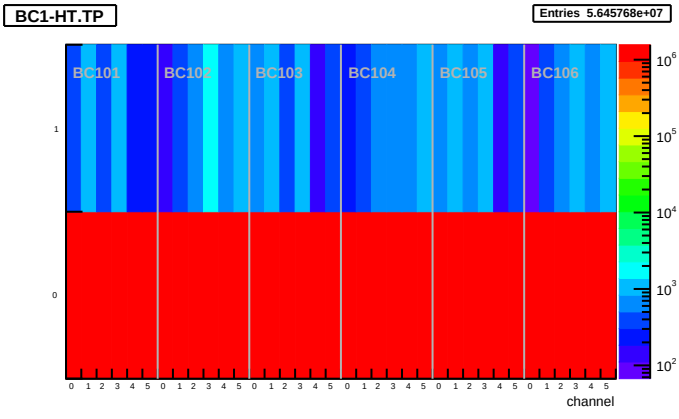

Barrel EMC L0 Input - Patch Sum
Entries 4.704807e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

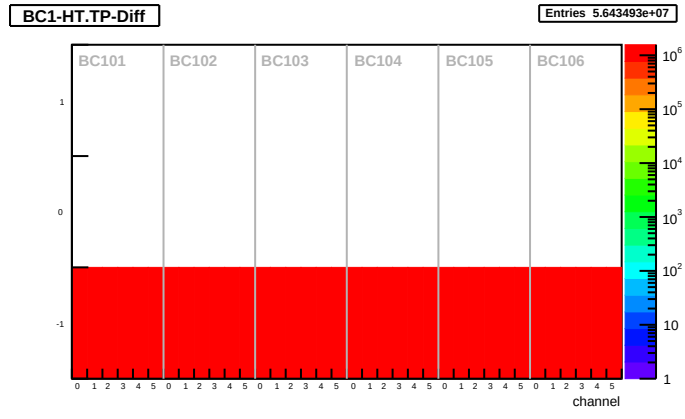

Endcap EMC L0 Input - High Tower
Entries 1.411442e+08
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

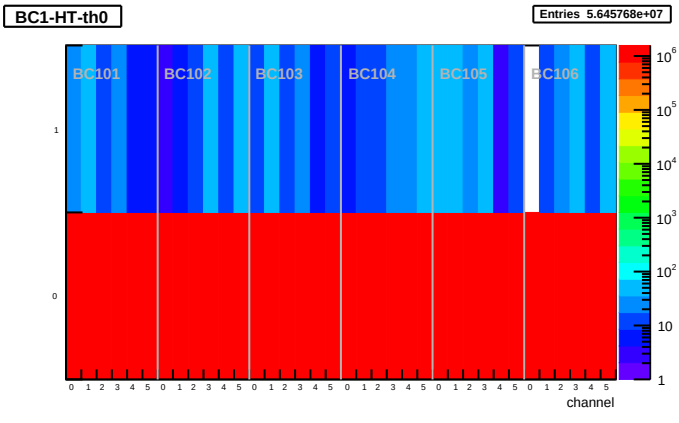

Endcap EMC L0 Input - Patch Sum
Entries 1.411442e+08
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

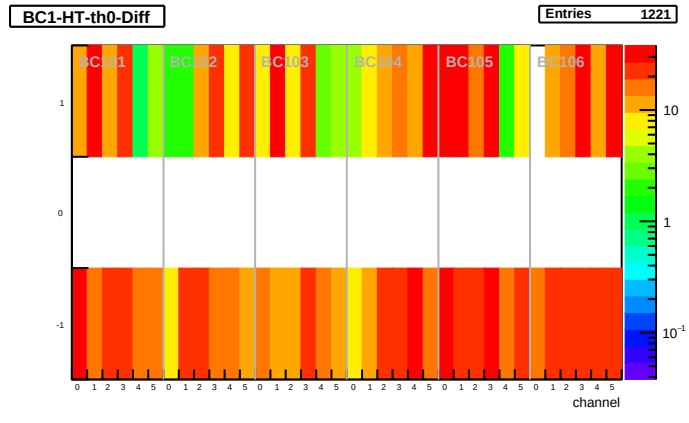

BC1-TP
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

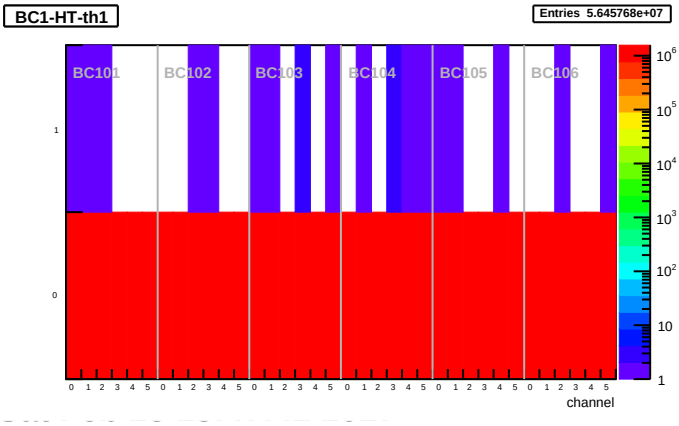

BC1-TP-Diff
Entries 5.62117e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

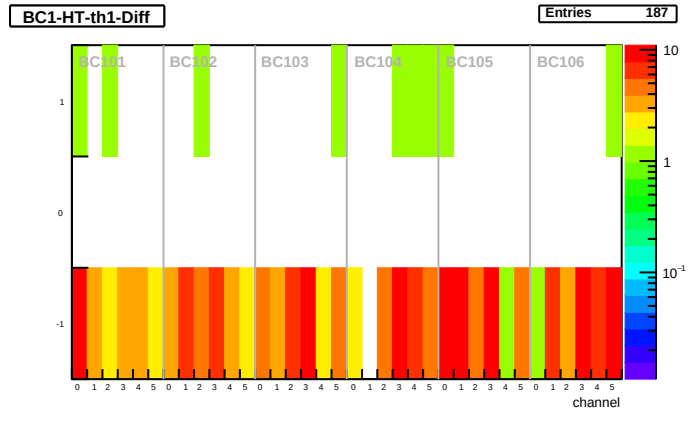

BC1-HT.TP
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

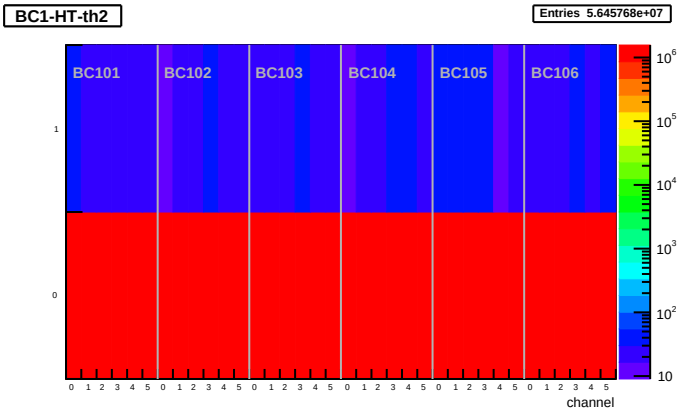

BC1-HT.TP-Diff
Entries 5.643493e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

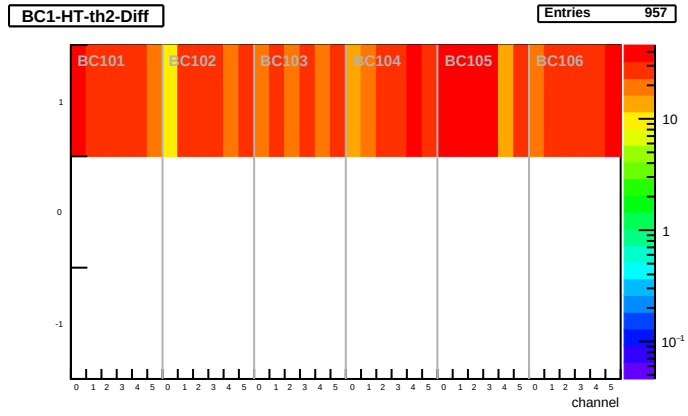

BC1-HT-th0
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

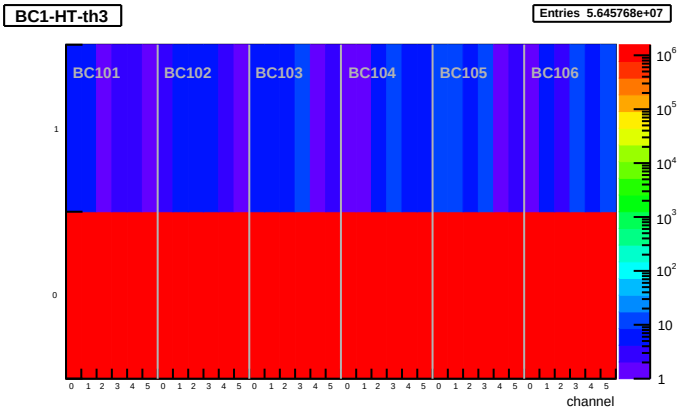

BC1-HT-th0-Diff
Entries 1221
BC101
BC102
BC103
BC104
BC105
BC106
channel

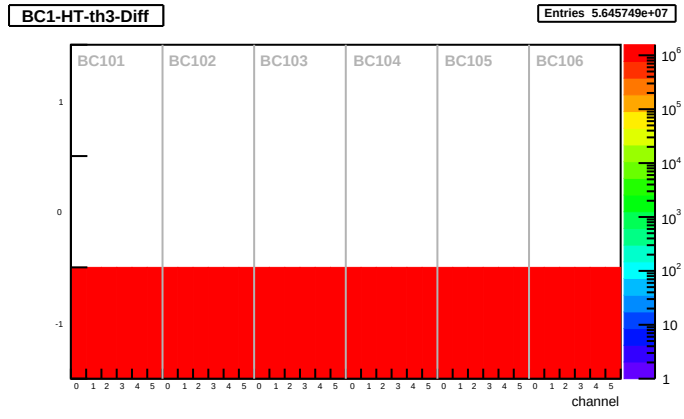

BC1-HT-th1
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

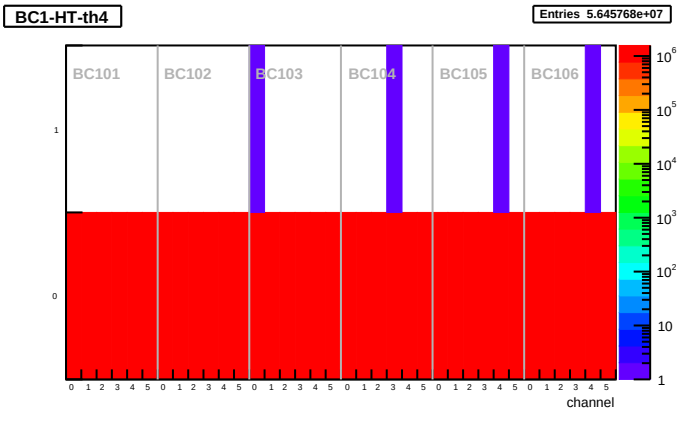

BC1-HT-th1-Diff
Entries 187
BC101
BC102
BC103
BC104
BC105
BC106
channel

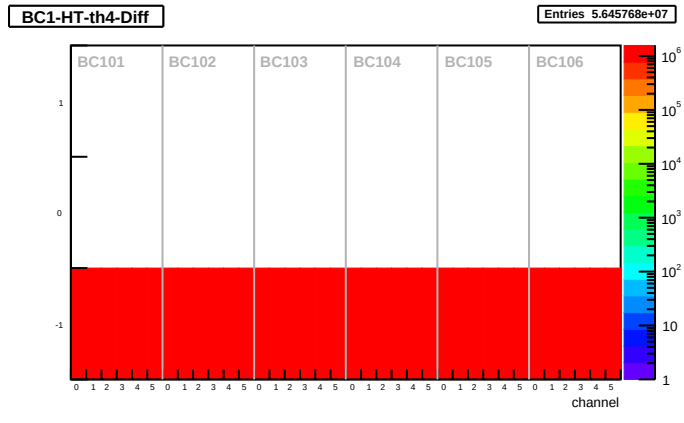

BC1-HT-th2
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

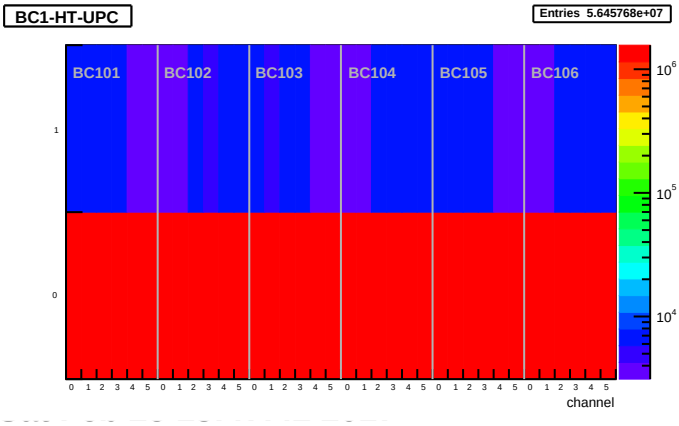

BC1-HT-th2-Diff
Entries 957
BC101
BC102
BC103
BC104
BC105
BC106
channel

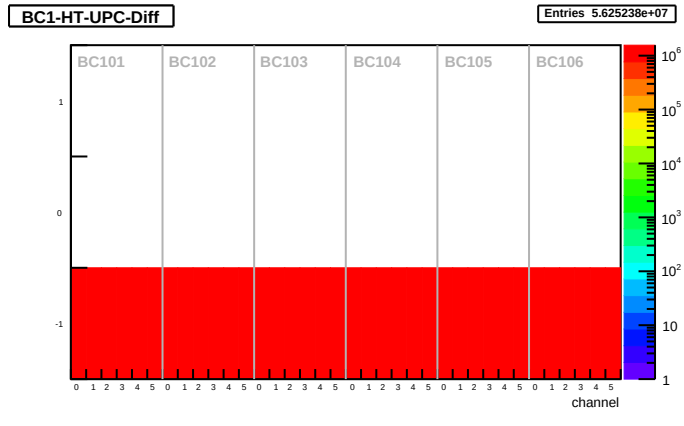

BC1-HT-th3
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

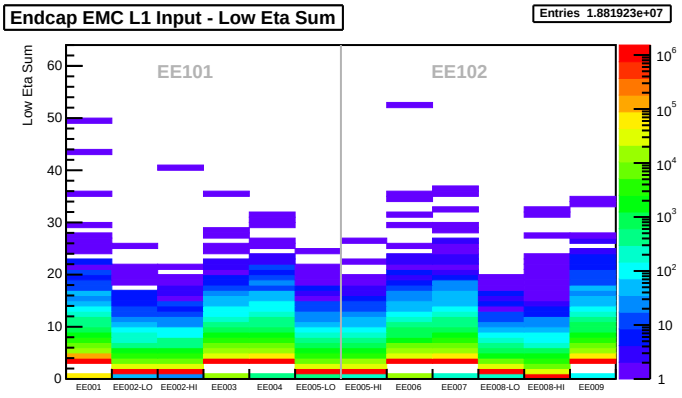

BC1-HT-th3-Diff
Entries 5.645749e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

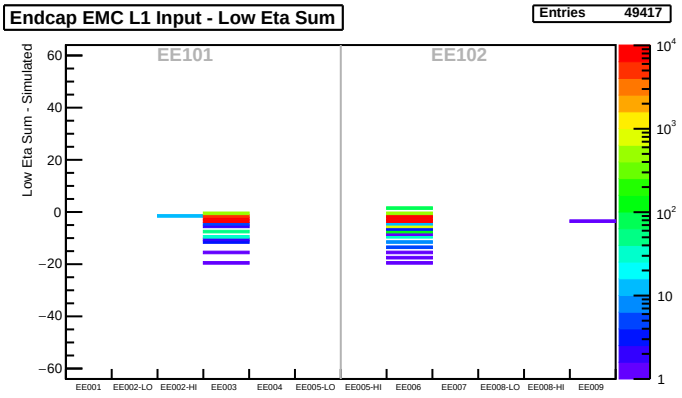

BC1-HT-th4
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

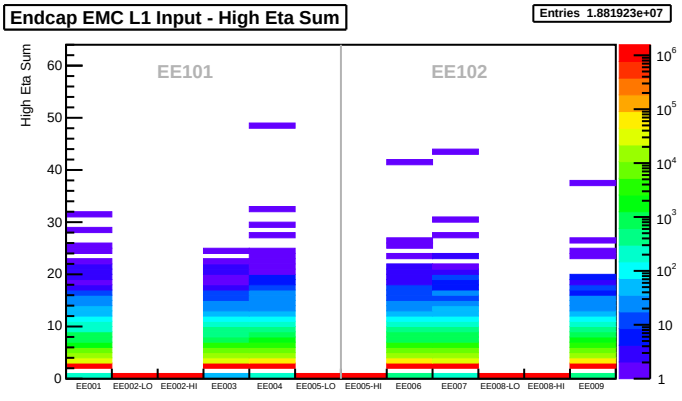

BC1-HT-th4-Diff
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

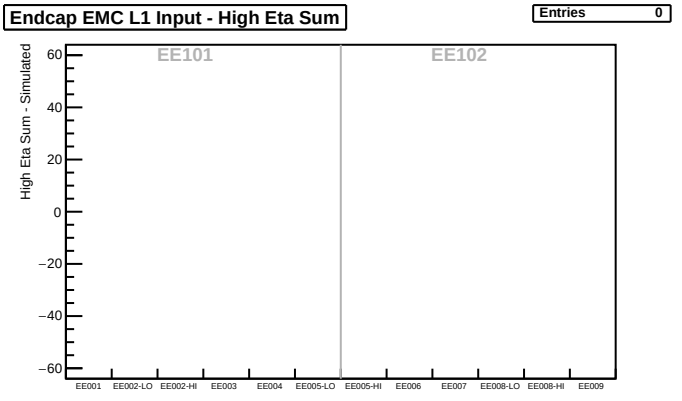

BC1-HT-UPC
Entries 5.645768e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

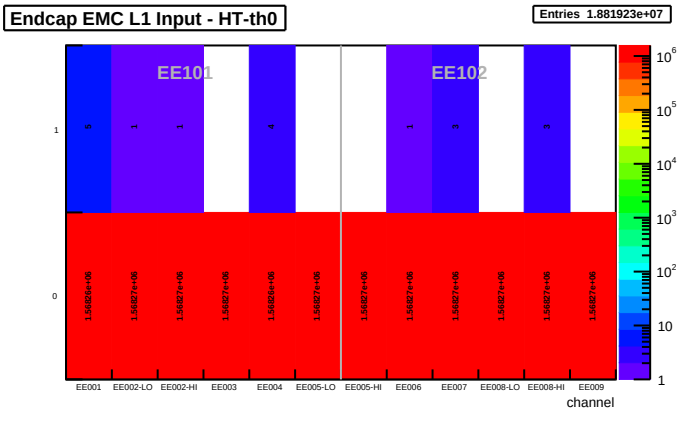

BC1-HT-UPC-Diff
Entries 5.625238e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

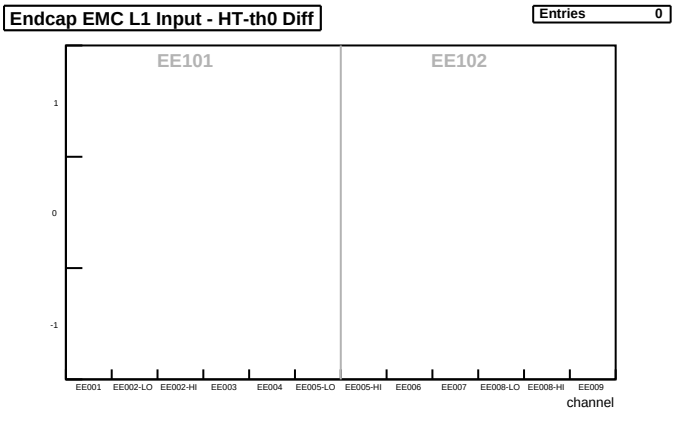

Endcap EMC L1 Input - Low Eta Sum
Entries 1.881923e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

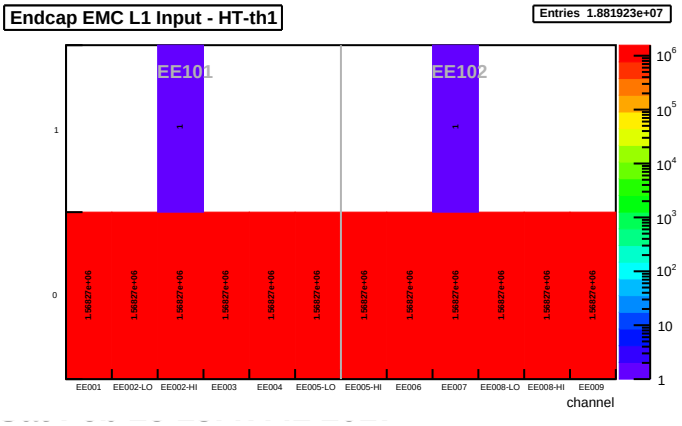

Endcap EMC L1 Input - Low Eta Sum
Entries 49417
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

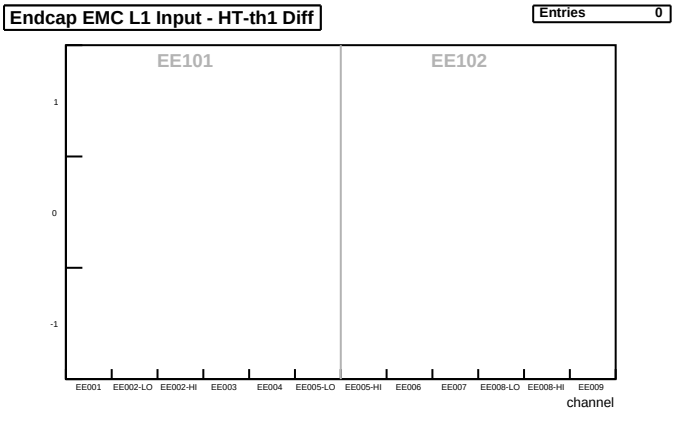

Endcap EMC L1 Input - High Eta Sum
Entries 1.881923e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

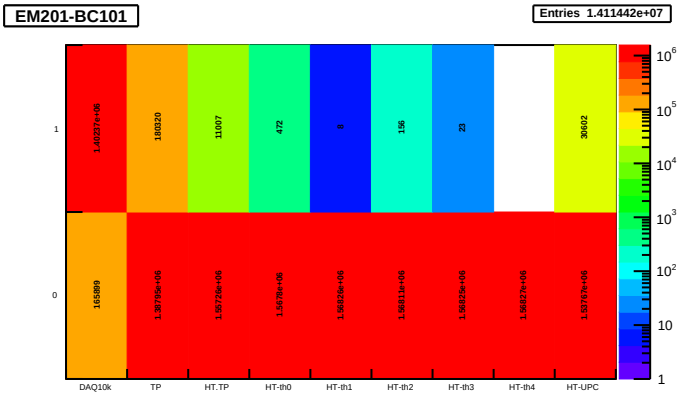

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

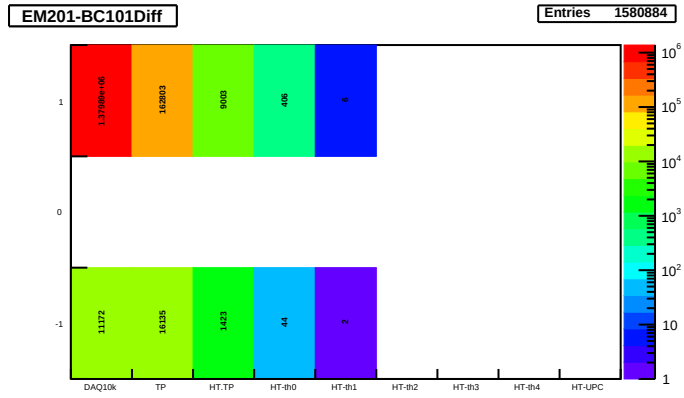

Endcap EMC L1 Input - HT-th0
Entries 1.881923e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

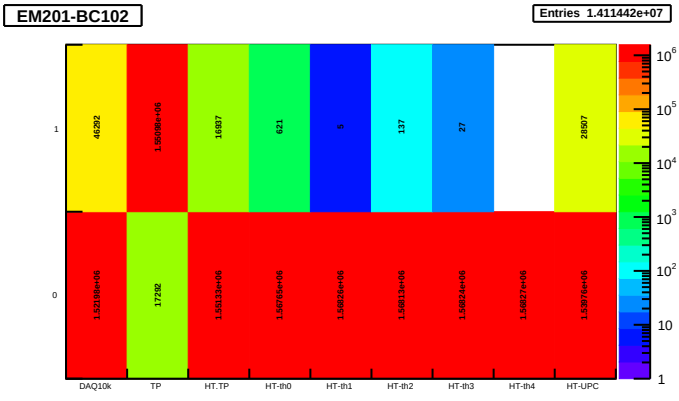

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

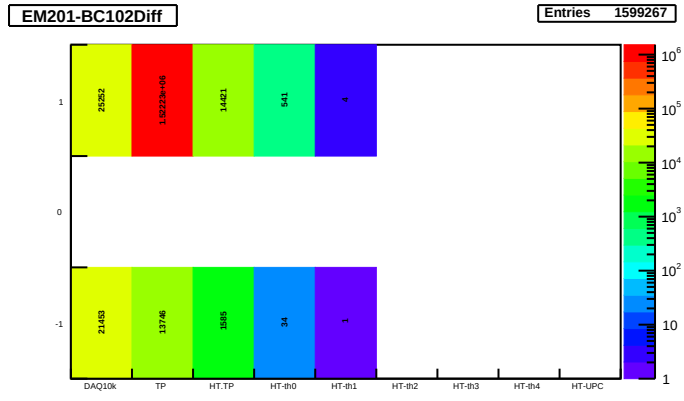

Endcap EMC L1 Input - HT-th1
Entries 1.881923e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

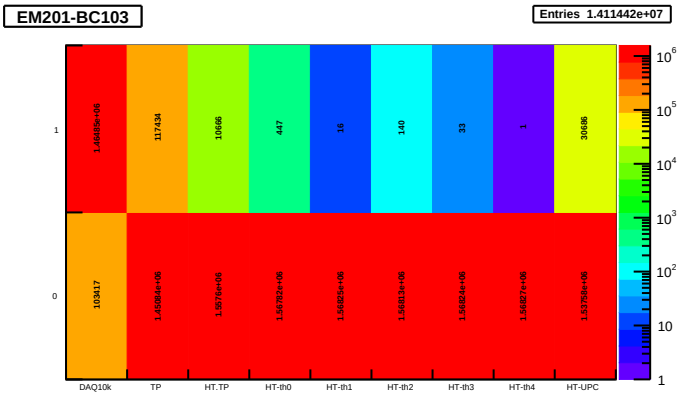

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

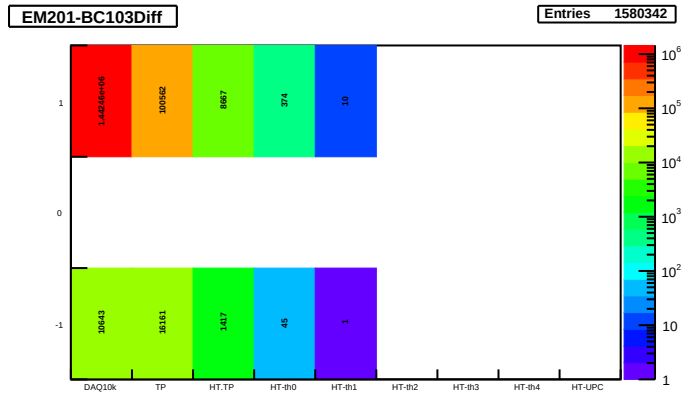

EM201-BC101
Entries 1.411442e+07
1.40237e+06
180320
11007
472
8
196
23
30602
105899
1.38795e+06
1.55726e+06
1.56782e+06
1.56826e+06
1.56831e+06
1.56829e+06
1.56827e+06
1.53762e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

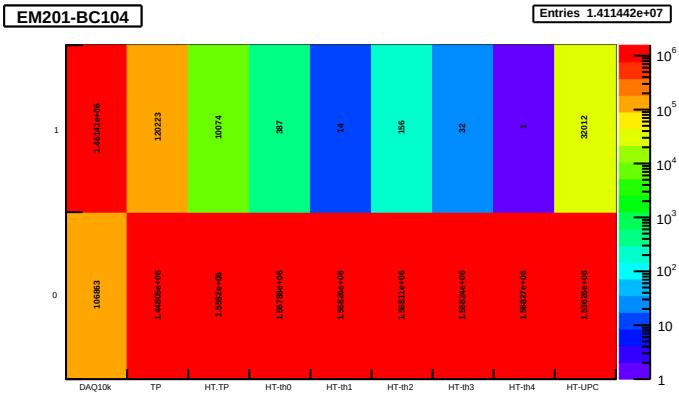

EM201-BC101Diff
Entries 1580884
1.37989e+06
162803
9003
406
6
11172
16135
1423
44
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

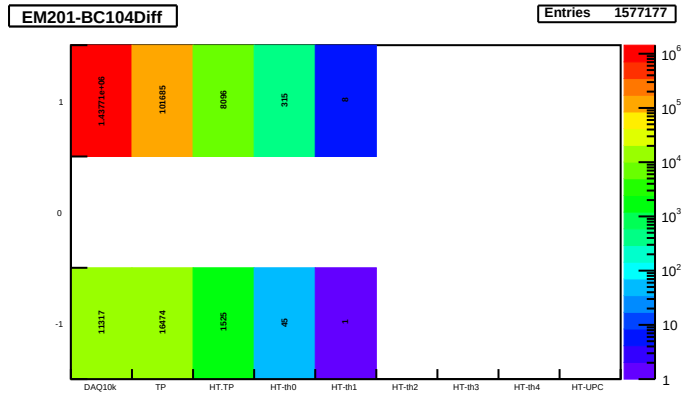

EM201-BC102
Entries 1.411442e+07
46292
1.55098e+06
16937
621
5
137
27
28907
1.52188e+06
17292
1.55133e+06
1.56765e+06
1.56826e+06
1.56813e+06
1.56824e+06
1.56827e+06
1.53876e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 1599267
25252
1.52223e+06
14421
541
4
21453
13746
1585
34
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

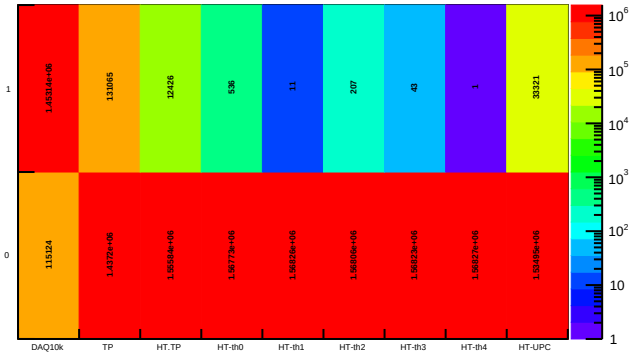

EM201-BC103
Entries 1.411442e+07
1.46463e+06
117434
10666
447
16
140
33
1
30686
103417
1.45984e+06
1.5976e+06
1.56782e+06
1.56825e+06
1.56833e+06
1.56824e+06
1.56827e+06
1.53758e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 1580342
1.44246e+06
100562
8667
374
10
10643
16161
1417
45
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

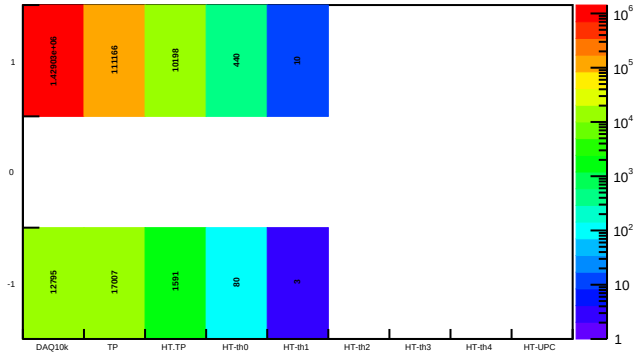

EM201-BC104
Entries 1.411442e+07
1.46141e+06
120223
10074
387
14
156
32
1
22012
106863
1.44656e+06
1.5962e+06
1.56788e+06
1.56826e+06
1.56811e+06
1.56824e+06
1.56827e+06
1.53528e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 1577177
1.43771e+06
101685
8096
315
8
11317
16474
1525
45
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

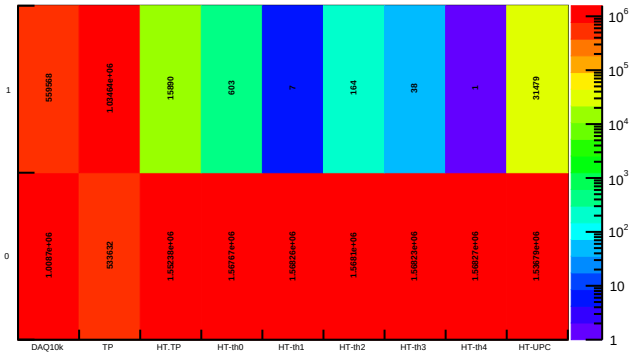
EM201-BC105 Entries 1.411442e+07



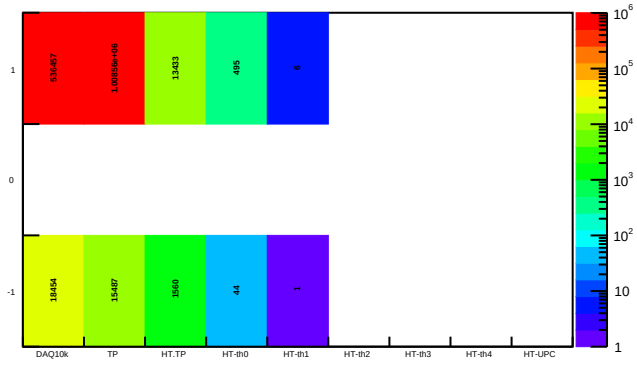
EM201-BC105Diff Entries 1582324



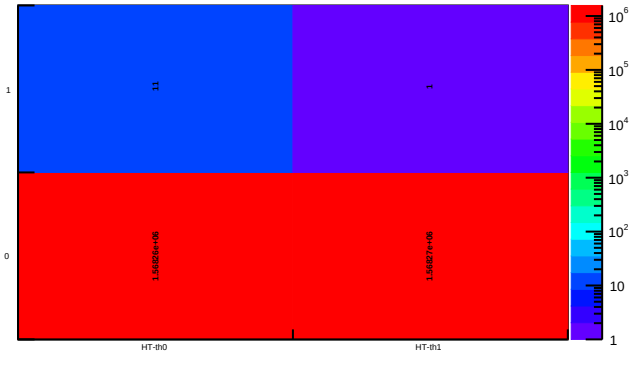
EM201-BC106 Entries 1.411442e+07



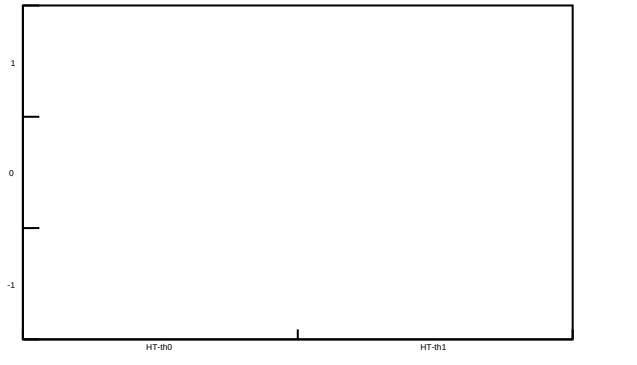
EM201-BC106Diff Entries 1594496



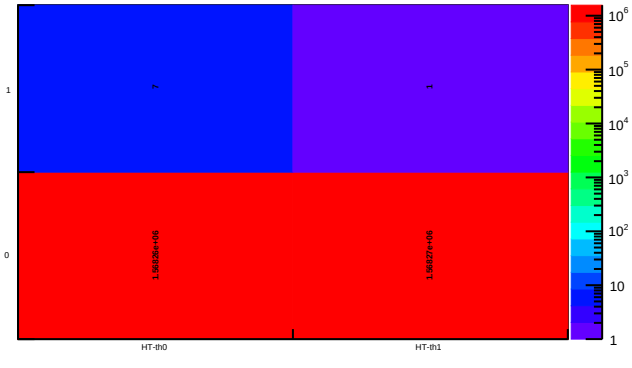
EM201-EE101 Entries 3136538



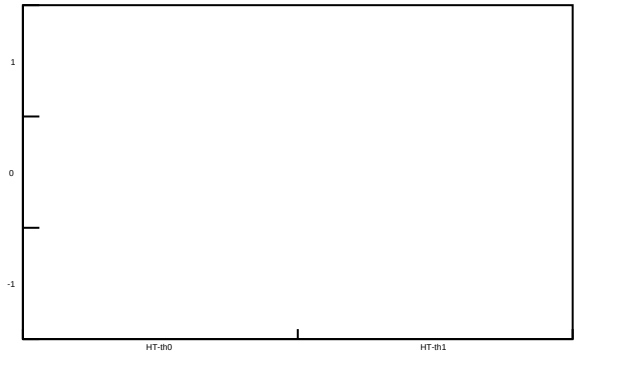
EM201-EE101Diff Entries 0

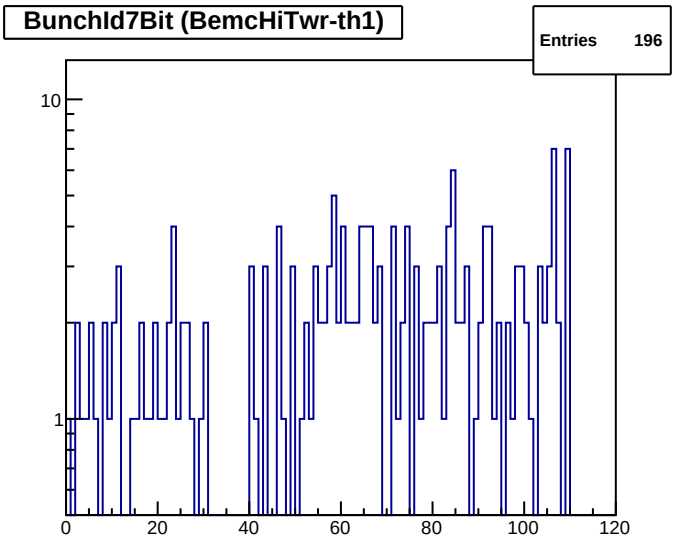


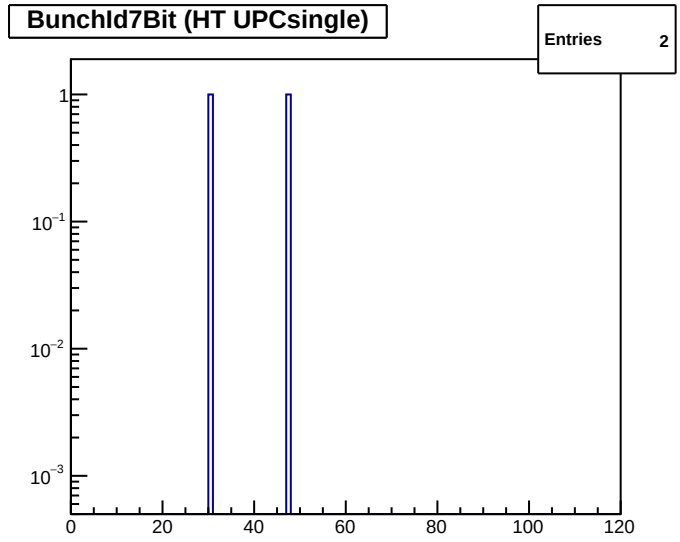
EM201-EE102 Entries 3136538

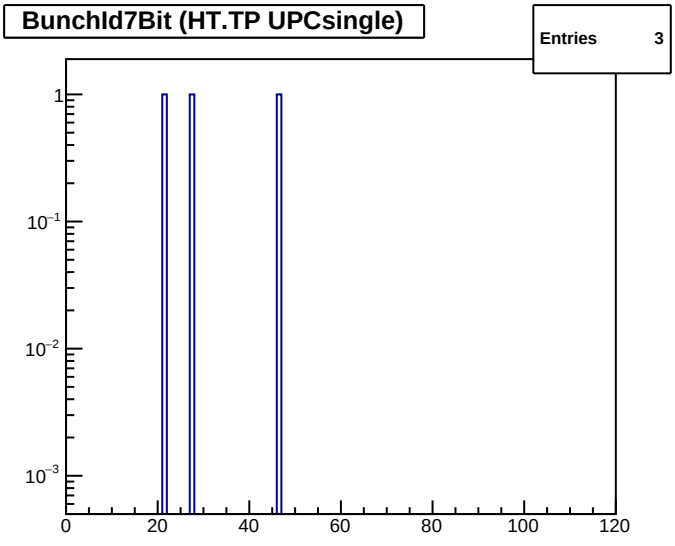


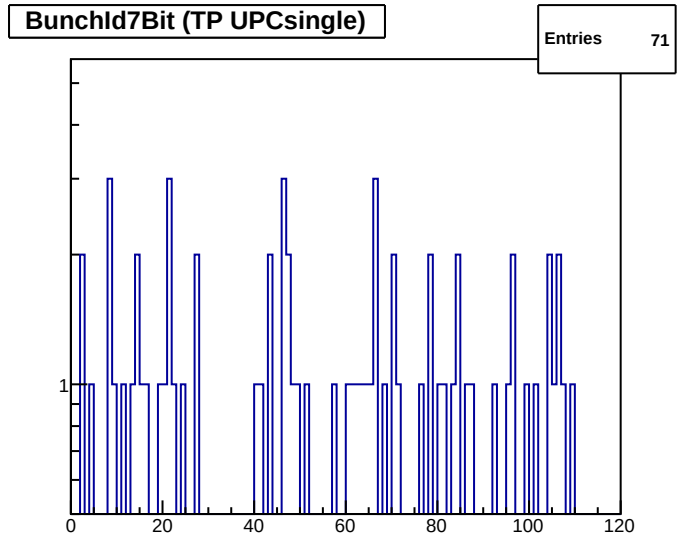
EM201-EE102Diff Entries 0

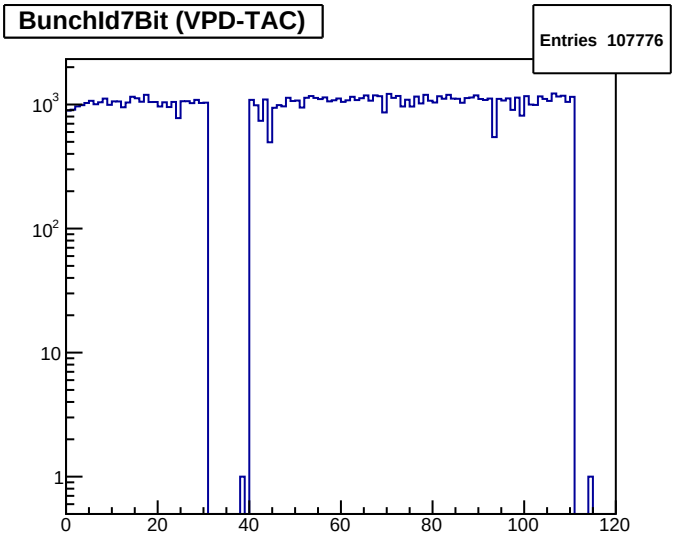


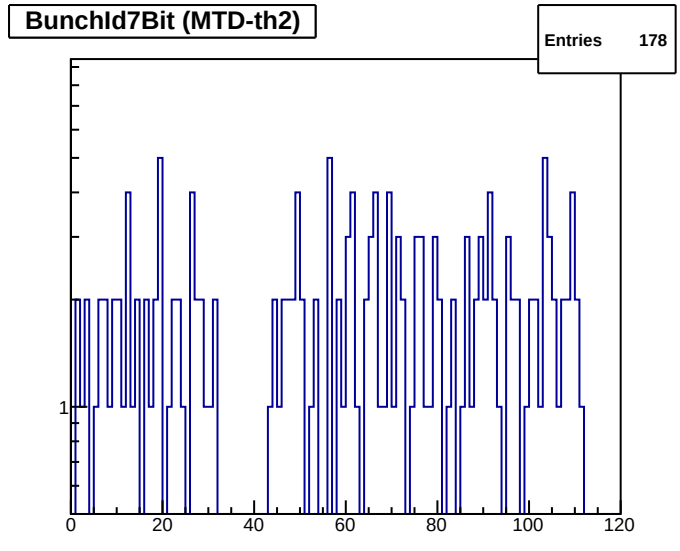

BunchId7Bit (BemcHiTwr-th1)
Entries 196
10
1
0 20 40 60 80 100 120

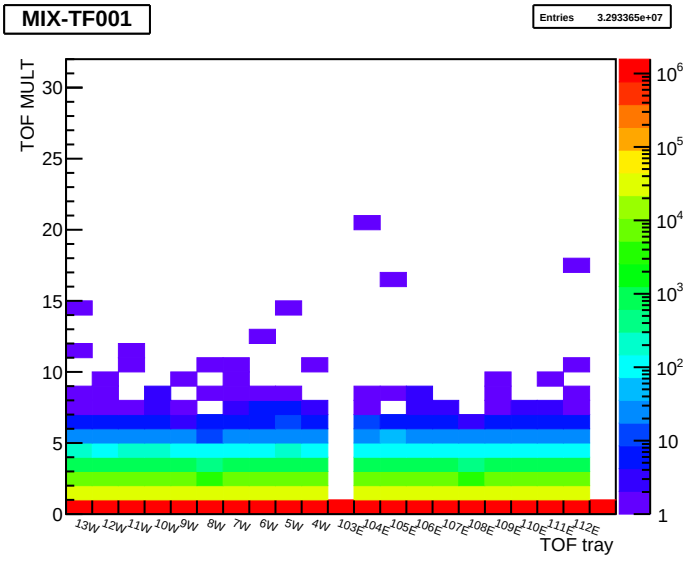

BunchId7Bit (HT UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

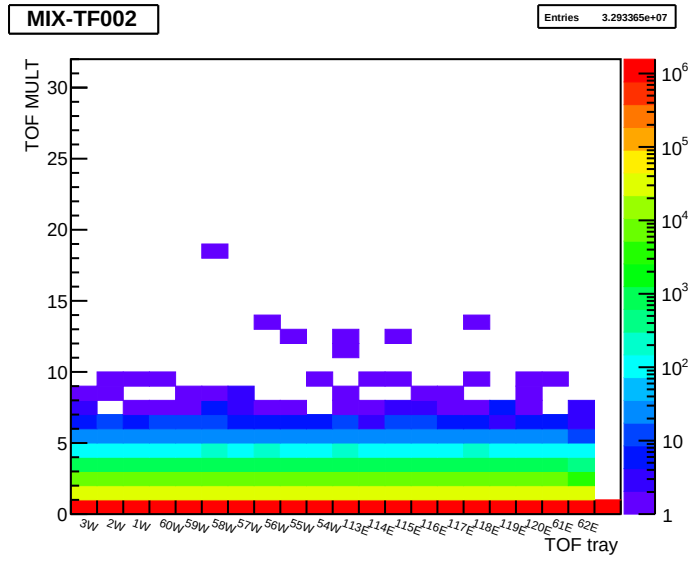

BunchId7Bit (HT.TP UPCsingle)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

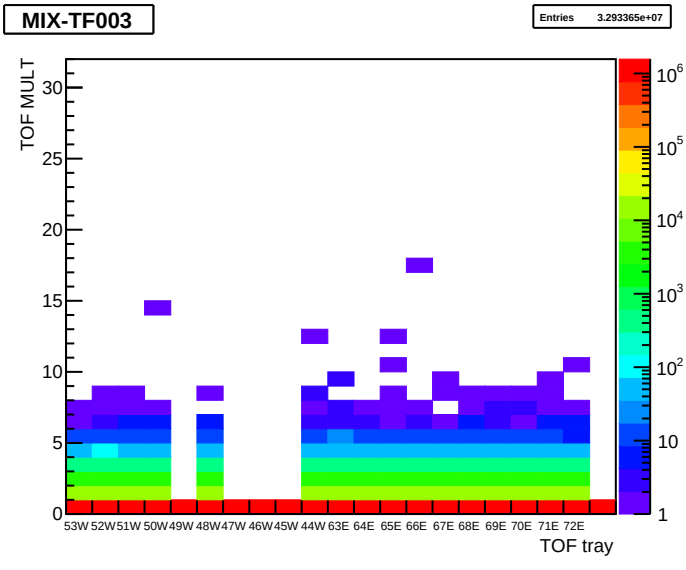

BunchId7Bit (TP UPCsingle)
Entries 71
1
0 20 40 60 80 100 120

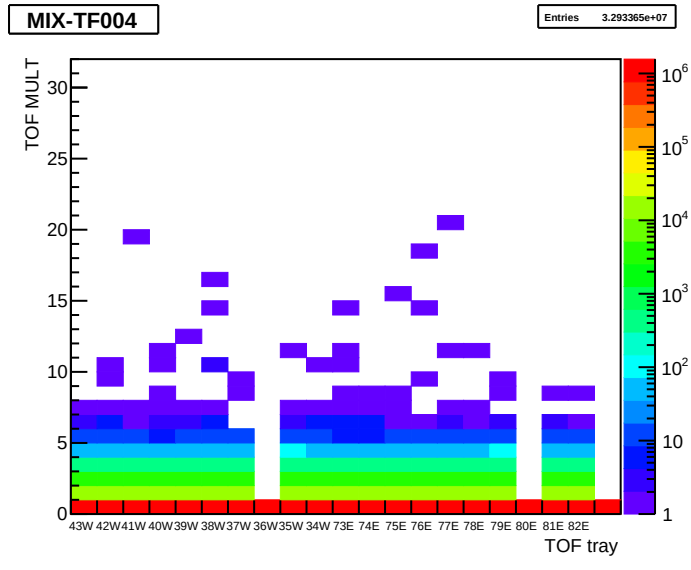

BunchId7Bit (VPD-TAC)
Entries 107776
10^3
10^2
10
1
0 20 40 60 80 100 120

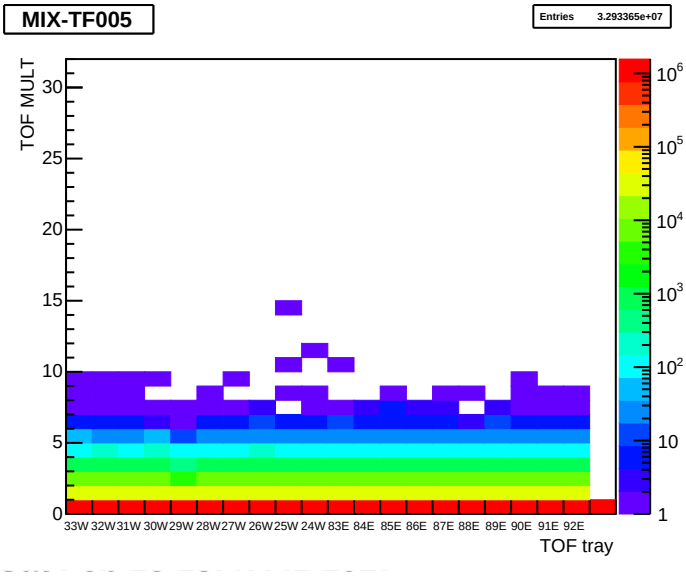

BunchId7Bit (MTD-th2)
Entries 178
1
0 20 40 60 80 100 120

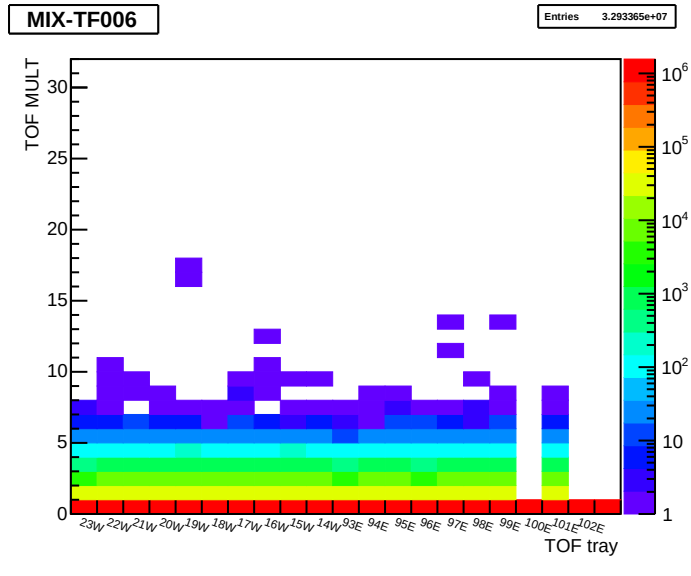

MIX-TF001
Entries 3.293365e+07
TOF MULT
TOF tray

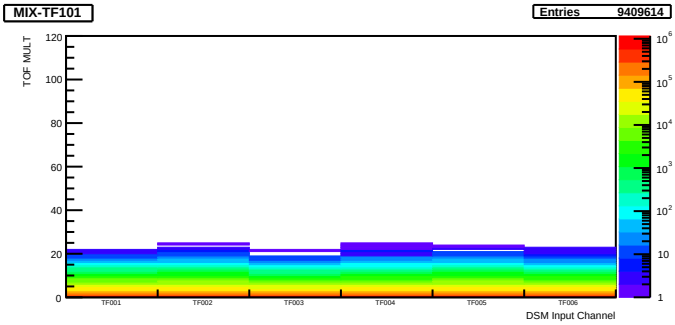

MIX-TF002
Entries 3.293365e+07
TOF MULT
TOF tray

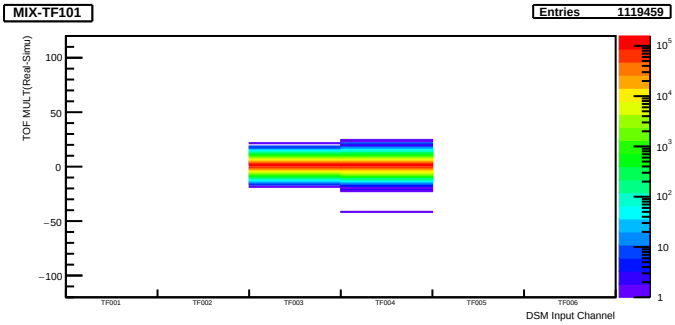

MIX-TF003
Entries 3.293365e+07
TOF MULT
TOF tray

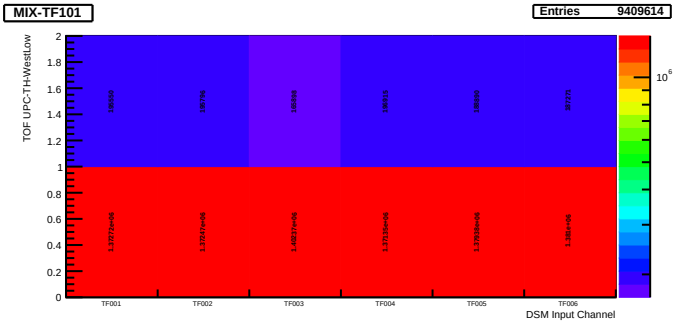

MIX-TF004
Entries 3.293365e+07
TOF MULT
TOF tray

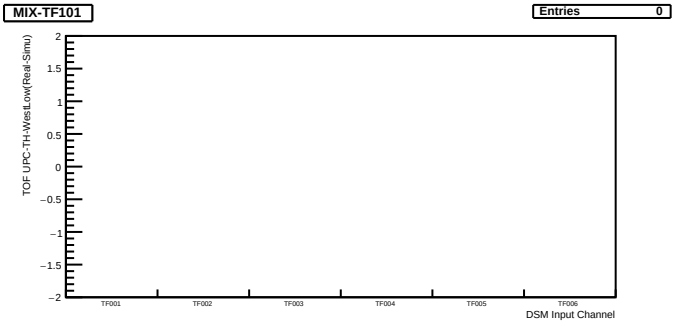

MIX-TF005
Entries 3.293365e+07
TOF MULT
TOF tray

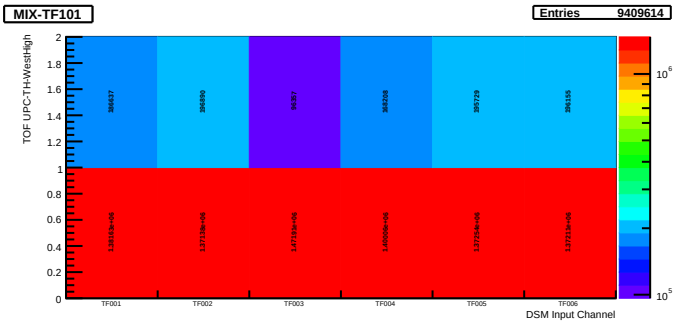

MIX-TF006
Entries 3.293365e+07
TOF MULT
TOF tray

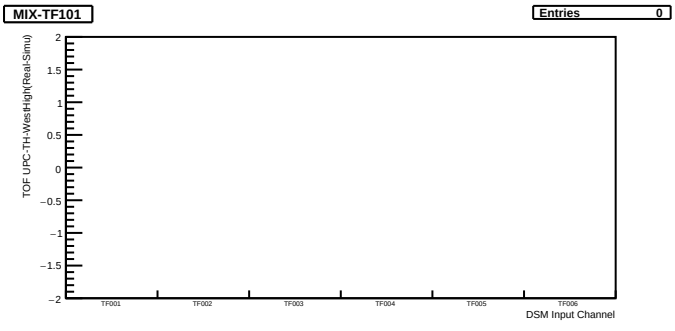

MIX-TF101
Entries 9409614
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

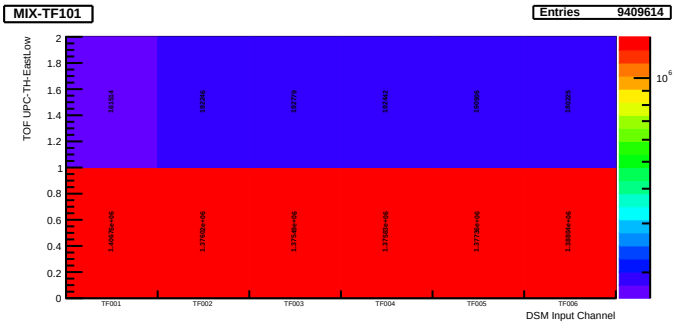

MIX-TF101
Entries 1119459
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

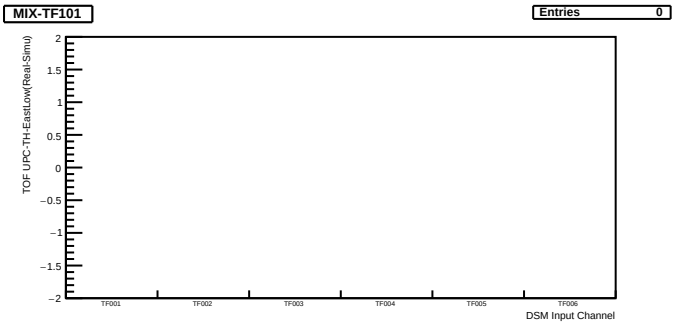

MIX-TF101
Entries 9409614
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

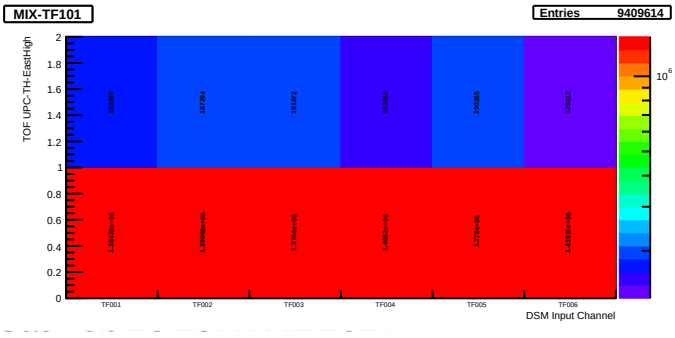

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

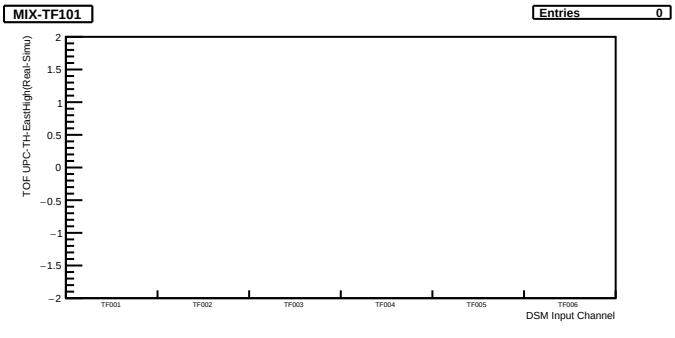

MIX-TF101
Entries 9409614
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

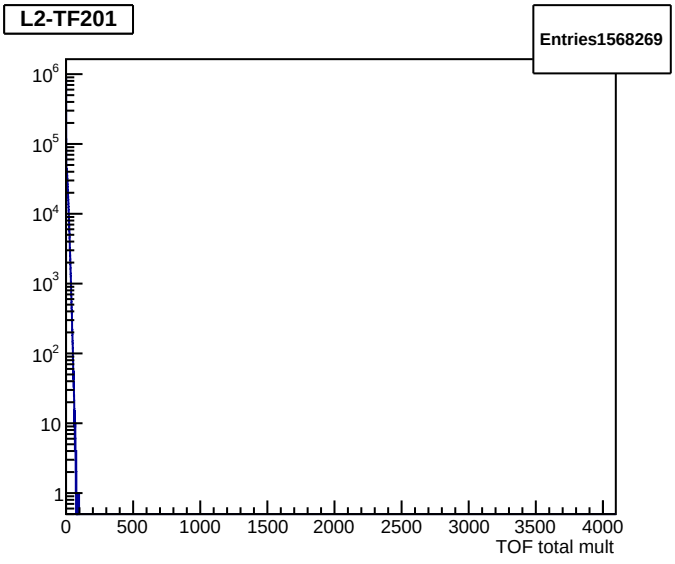

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

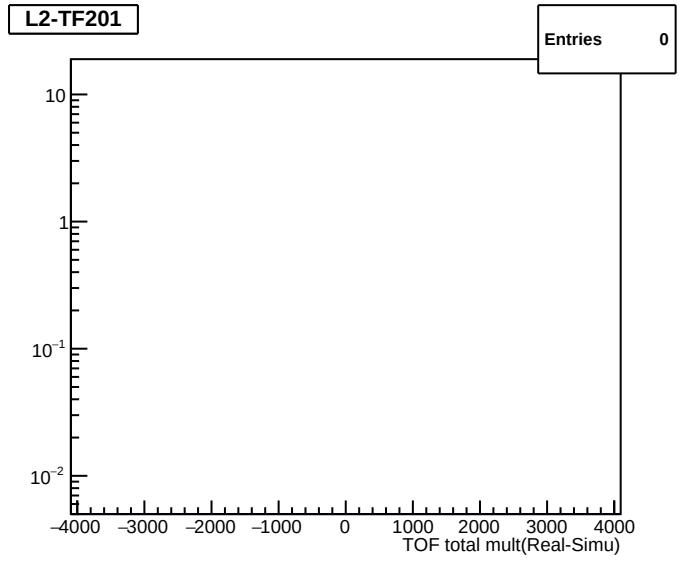

MIX-TF101
Entries 9409614
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

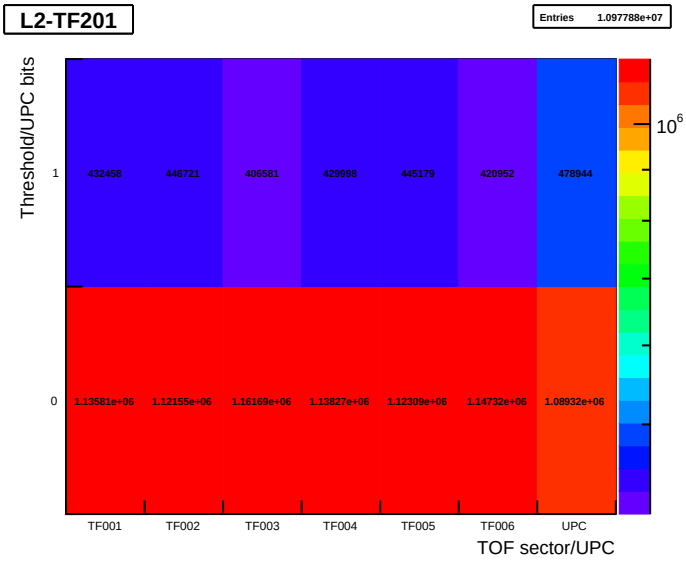

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

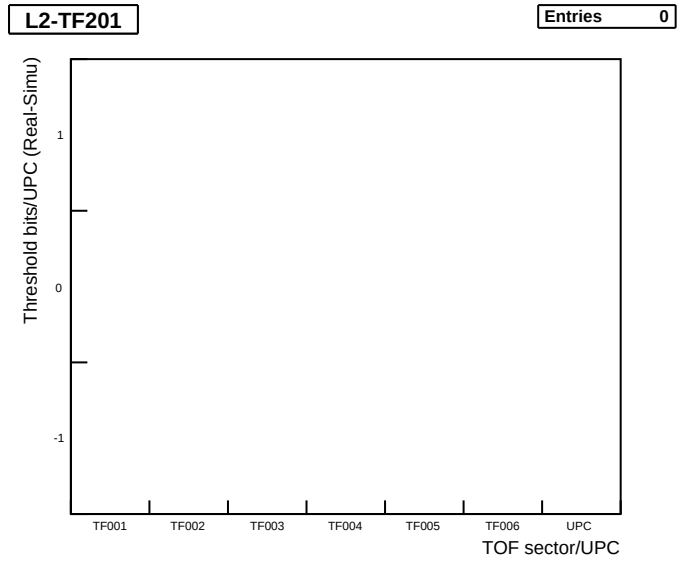

MIX-TF101
Entries 9409614
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

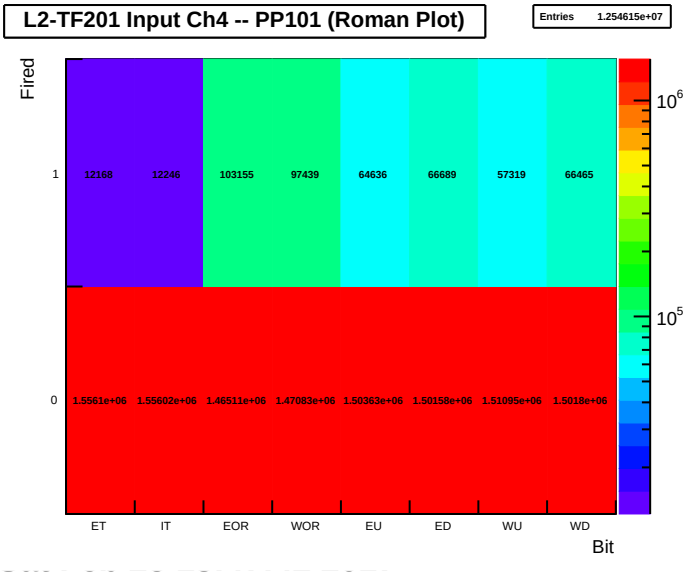

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

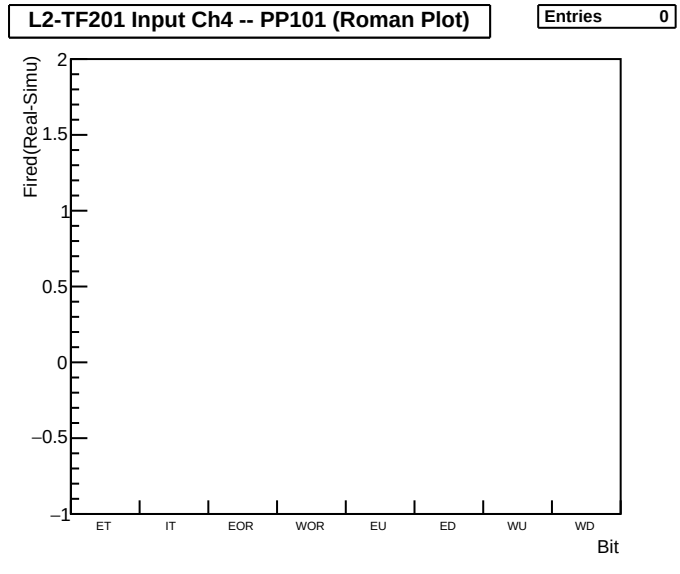

L2-TF201
Entries1568269
TOF total mult

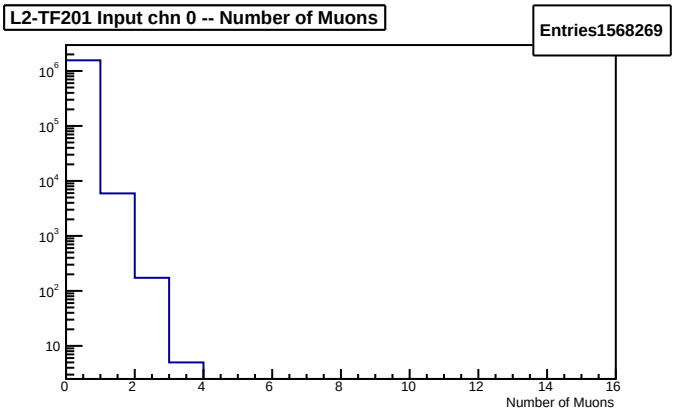

L2-TF201
Entries 0
TOF total mult(Real-Simu)

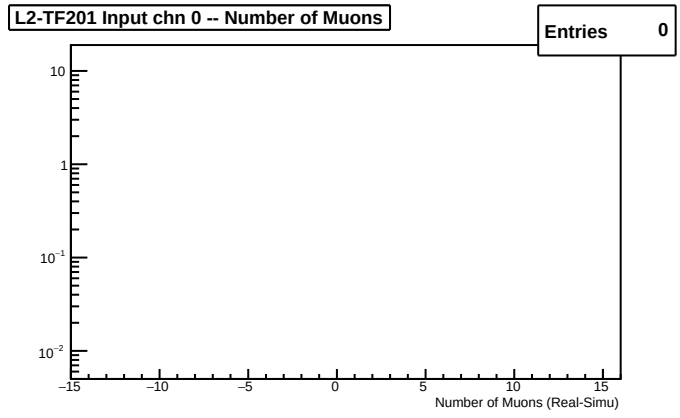

L2-TF201
Entries 1.097788e+07
Threshold/UPC bits
432458
446721
406581
429998
445179
420952
478944
1.13581e+06
1.12155e+06
1.16169e+06
1.13827e+06
1.12309e+06
1.14732e+06
1.08932e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

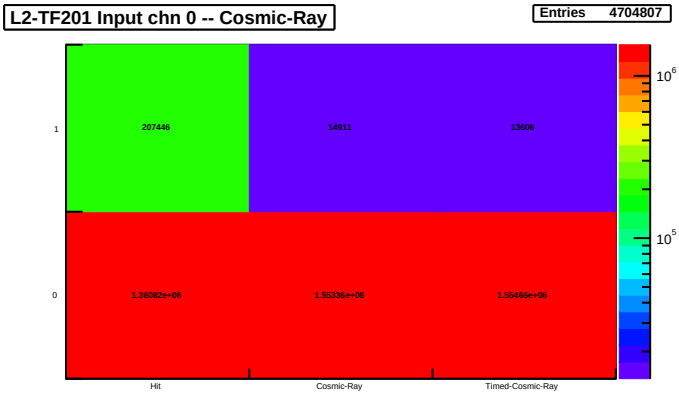

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

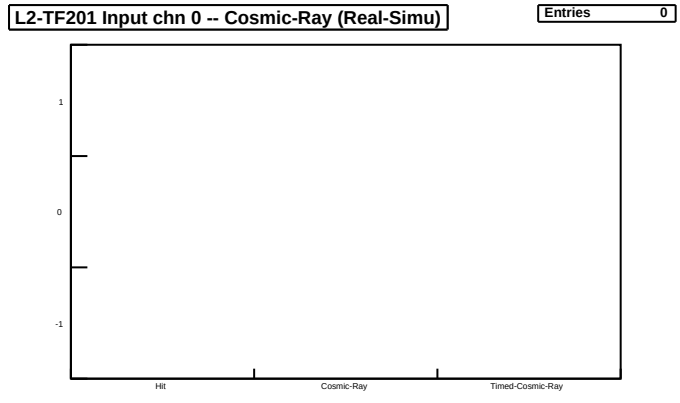

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.254615e+07
Fired
12168
12246
103155
97439
64636
66689
57319
66465
1.5561e+06
1.55602e+06
1.46511e+06
1.47083e+06
1.50363e+06
1.50158e+06
1.51095e+06
1.5018e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

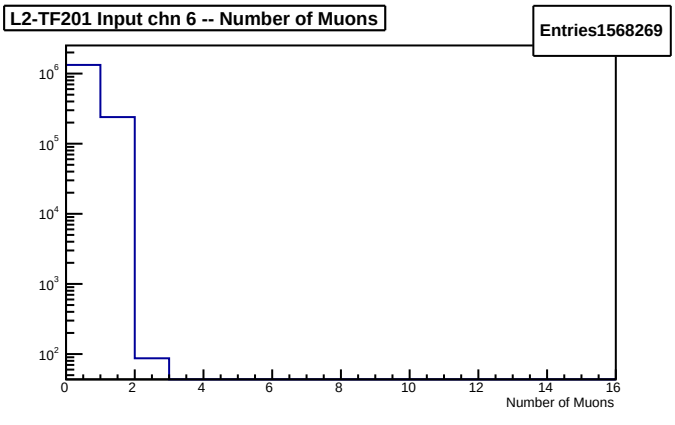

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

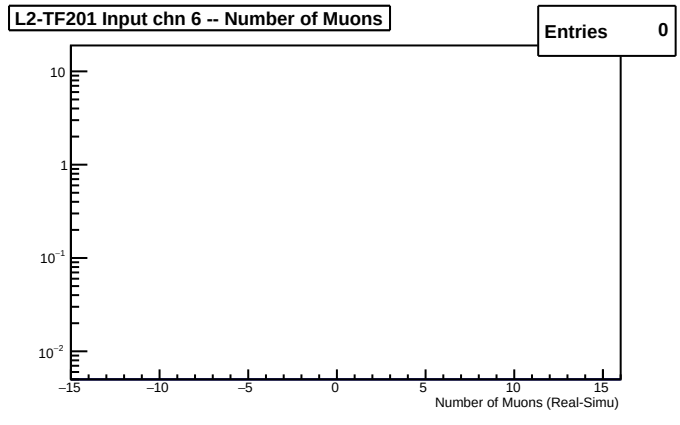

L2-TF201 Input chn 0 -- Number of Muons
Entries1568269
Number of Muons

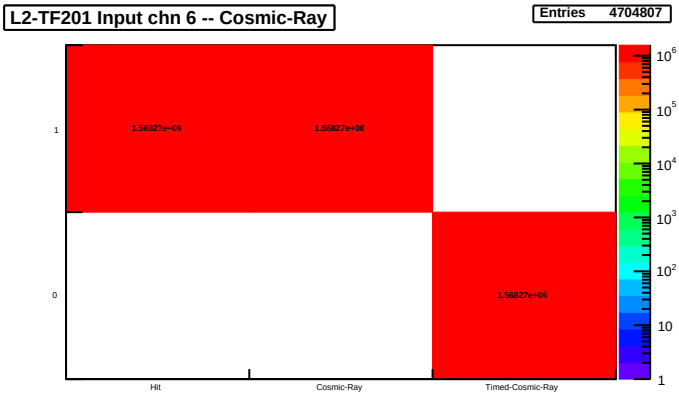

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

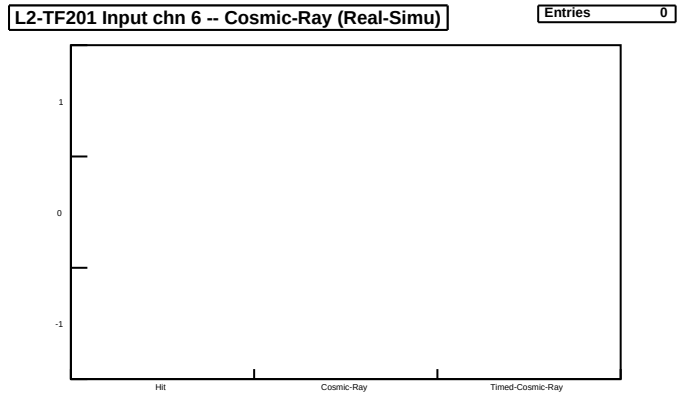

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4704807
207446
14911
13606
1.36082e+06
1.55336e+06
1.55466e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

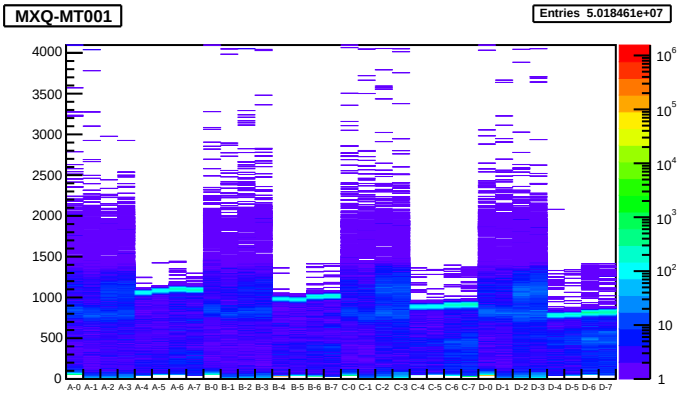

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

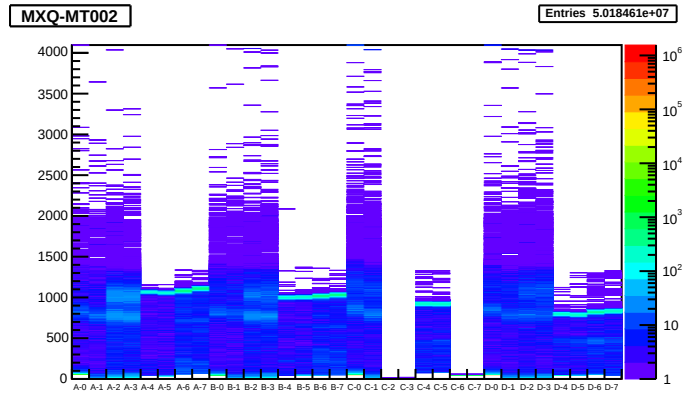

L2-TF201 Input chn 6 -- Number of Muons
Entries1568269
Number of Muons

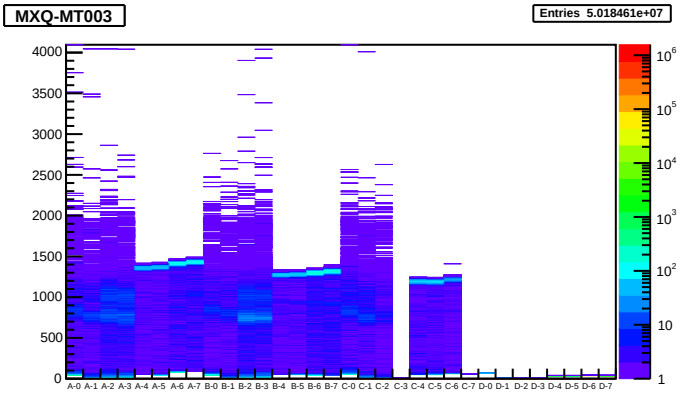

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

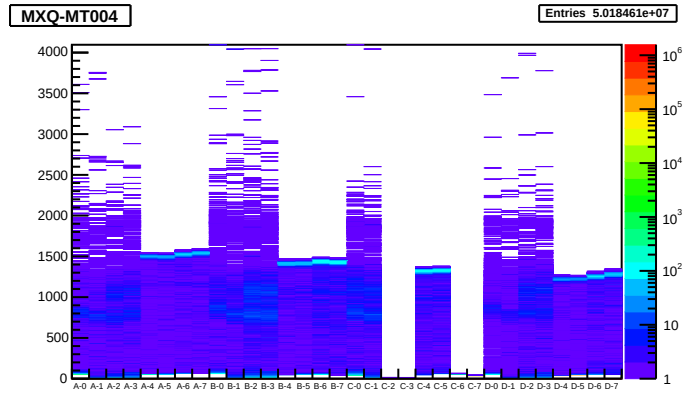

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4704807
1.56827e+06
1.56827e+06
1.56827e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

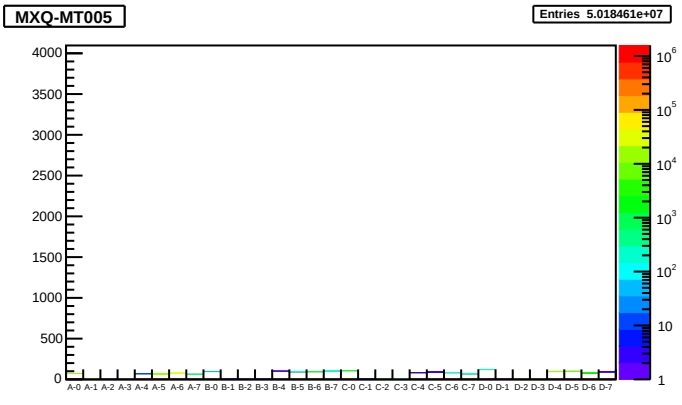

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

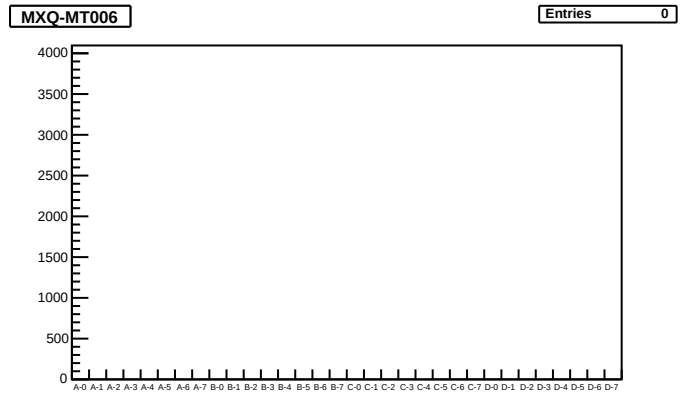

MXQ-MT001
Entries 5.018461e+07

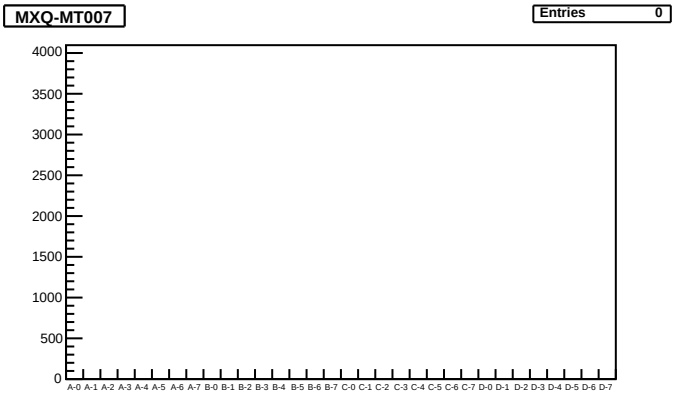

MXQ-MT002
Entries 5.018461e+07

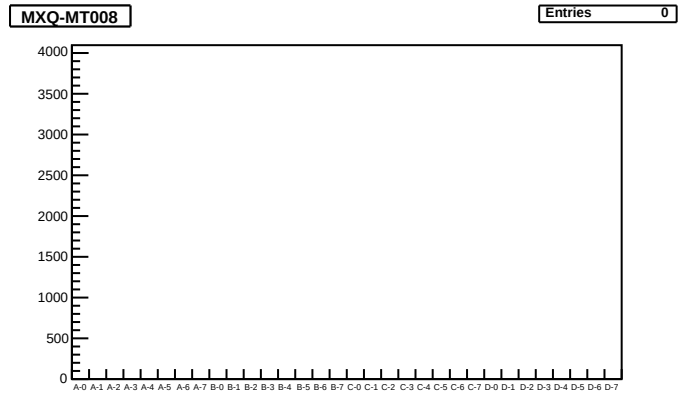

MXQ-MT003
Entries 5.018461e+07

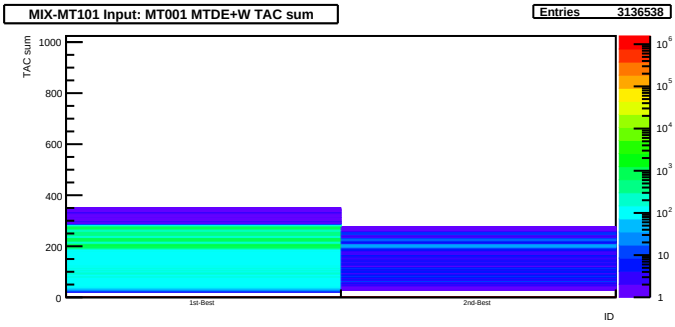

MXQ-MT004
Entries 5.018461e+07

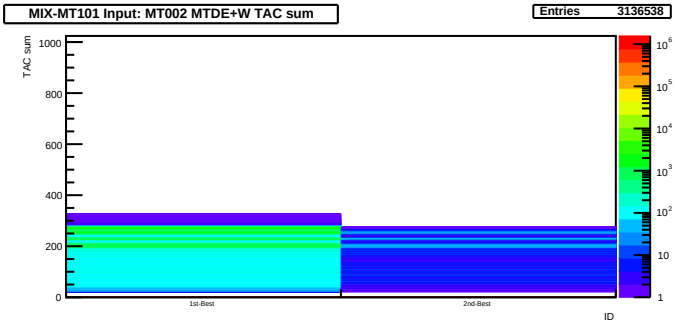

MXQ-MT005
Entries 5.018461e+07

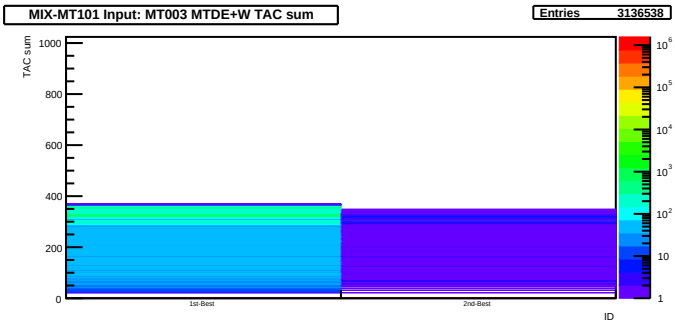

MXQ-MT006
Entries 0

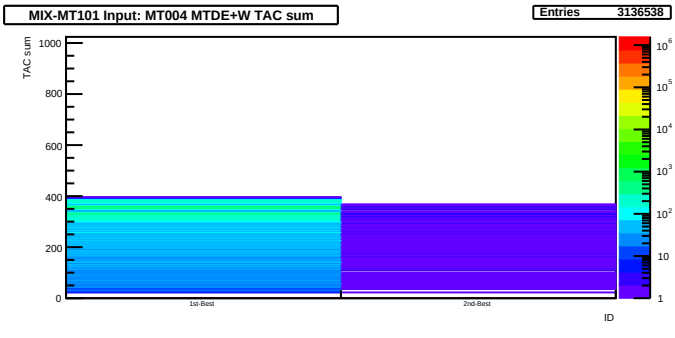

MXQ-MT007
Entries 0

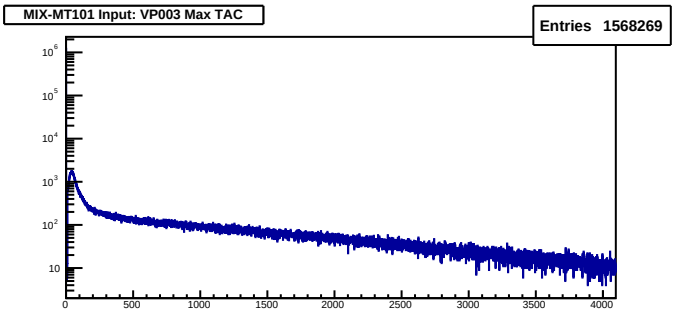

MXQ-MT008
Entries 0

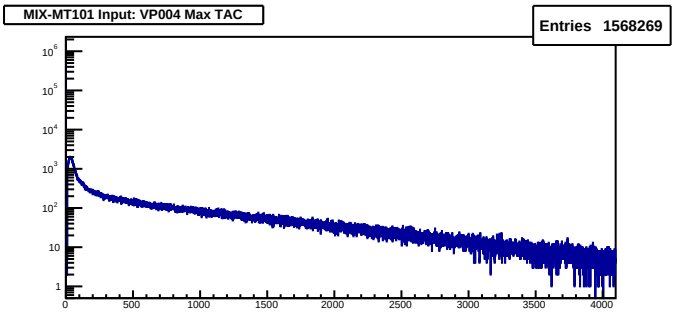

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

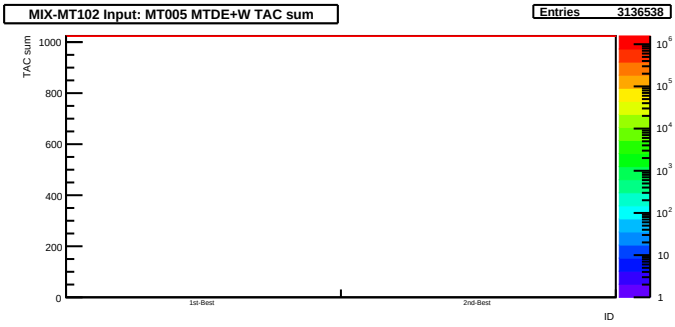

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

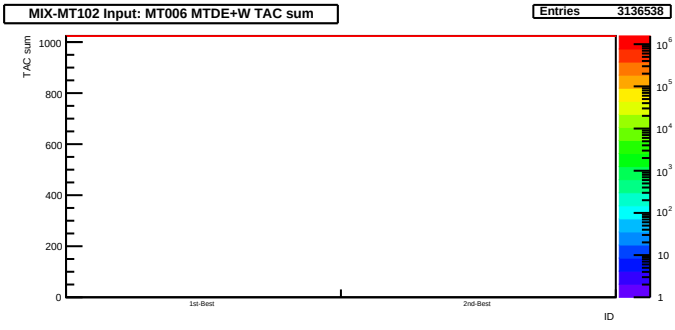

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

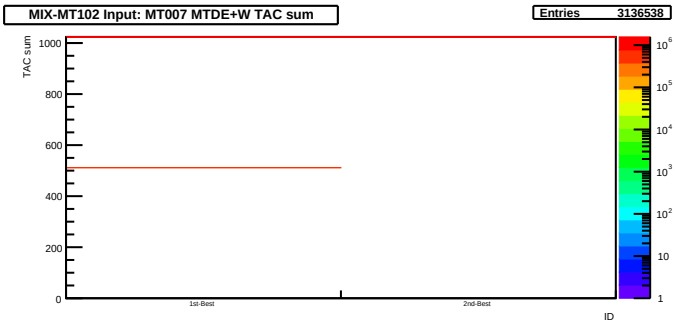

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

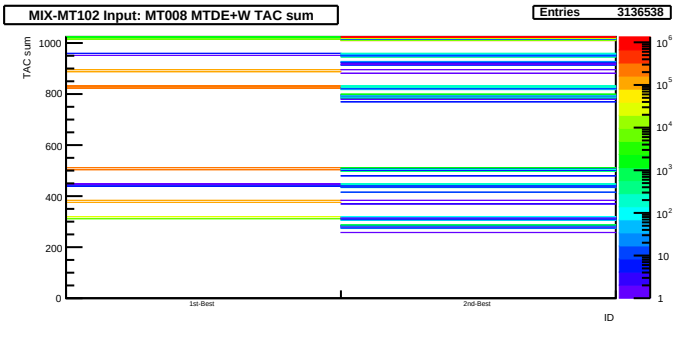

MIX-MT101 Input: VP003 Max TAC
Entries 1568269

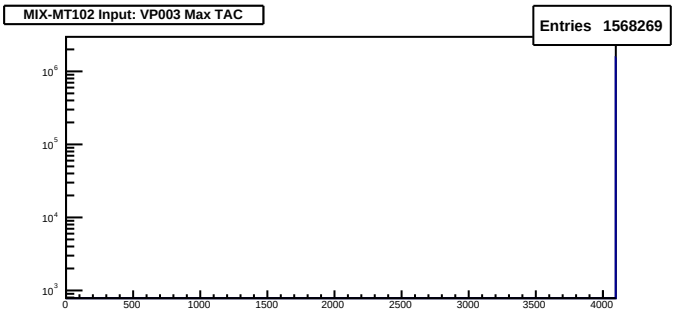

MIX-MT101 Input: VP004 Max TAC
Entries 1568269

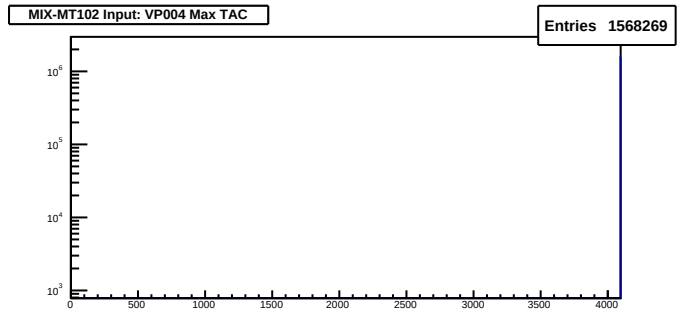

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

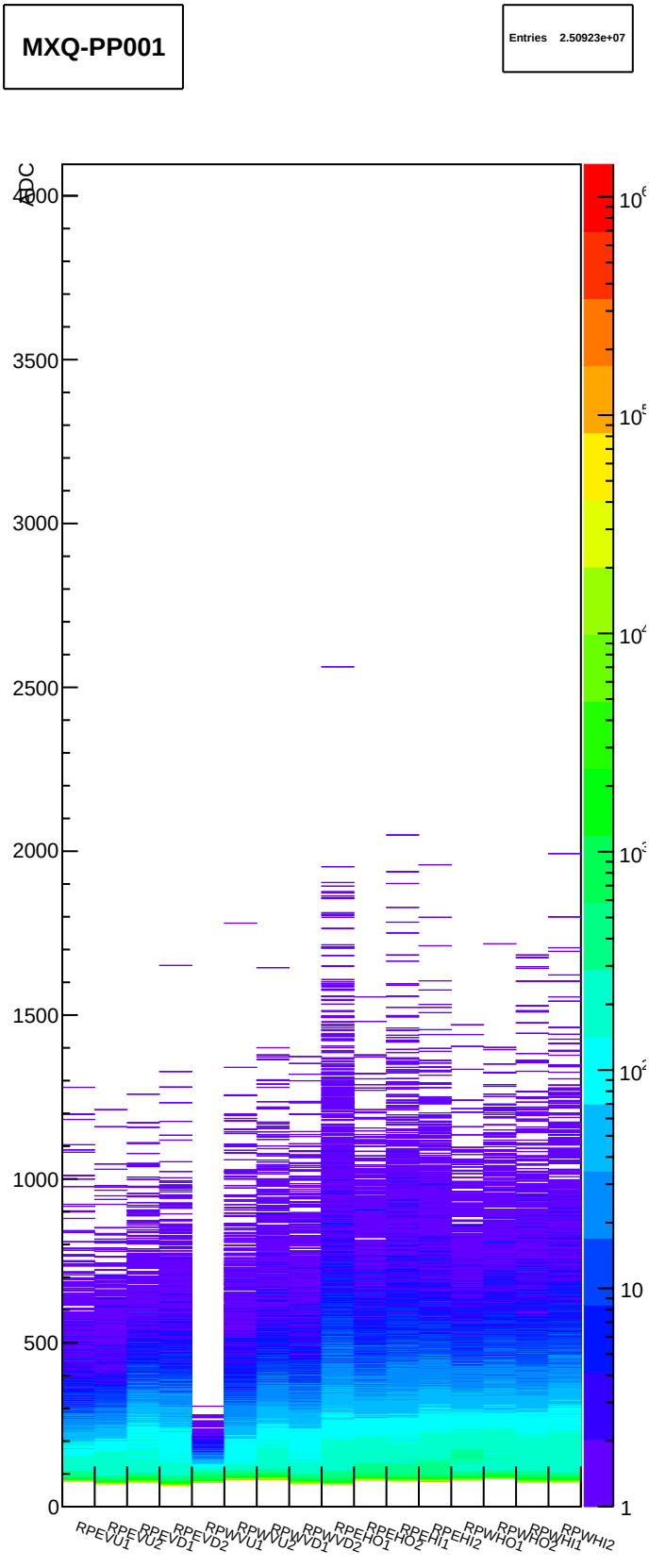

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

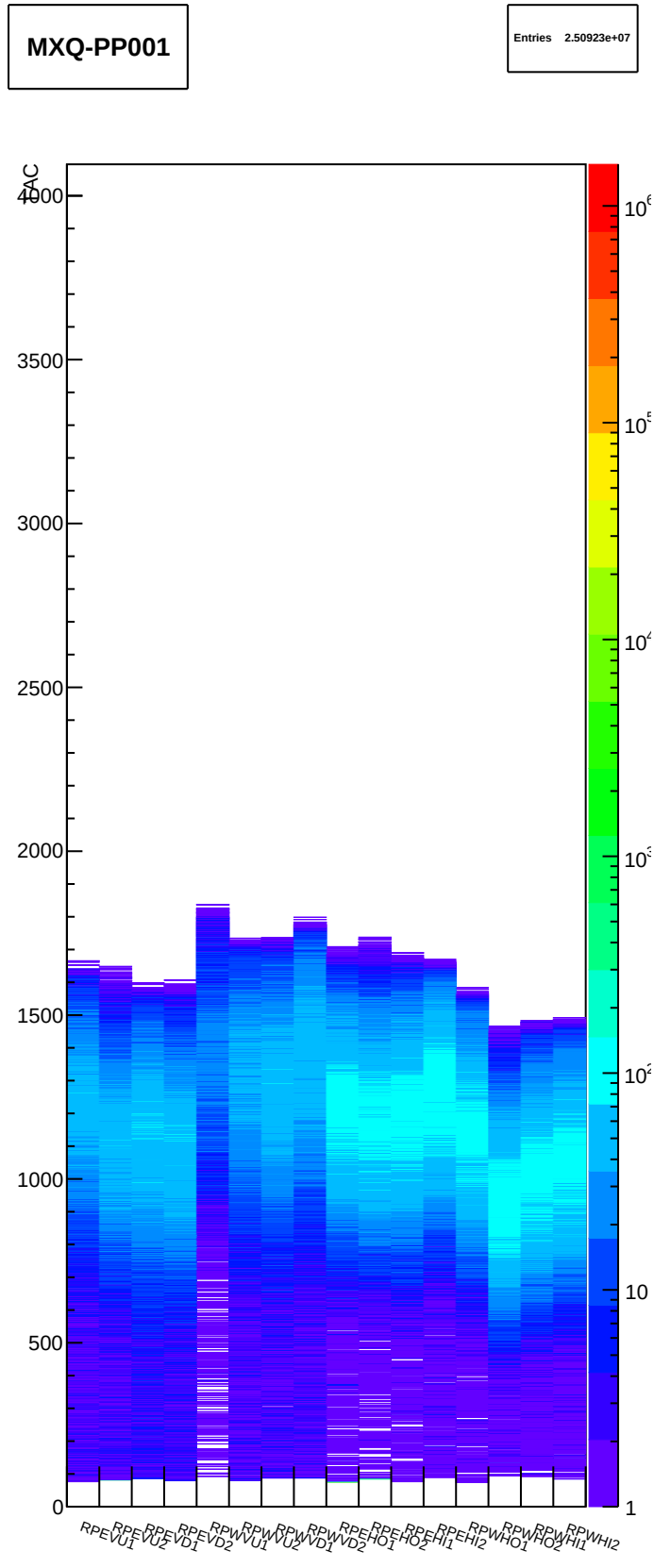

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

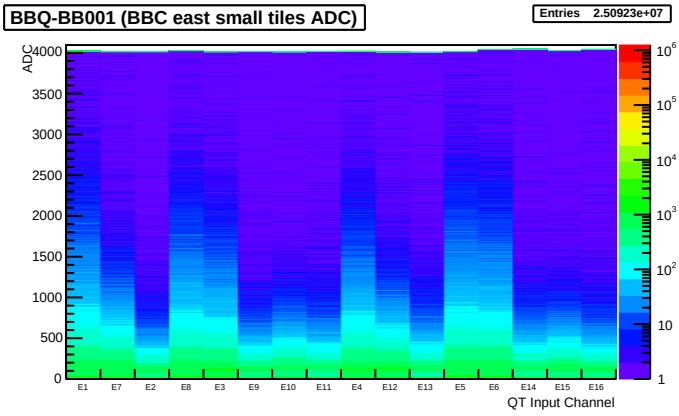

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3136538
TAC sum
1st-Best
2nd-Best
ID

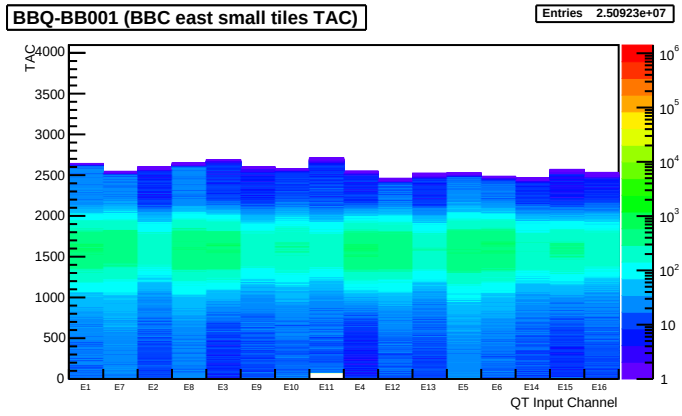

MIX-MT102 Input: VP003 Max TAC
Entries 1568269

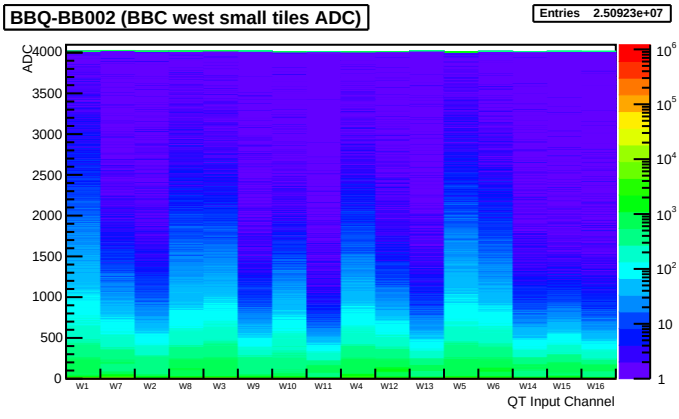

MIX-MT102 Input: VP004 Max TAC
Entries 1568269

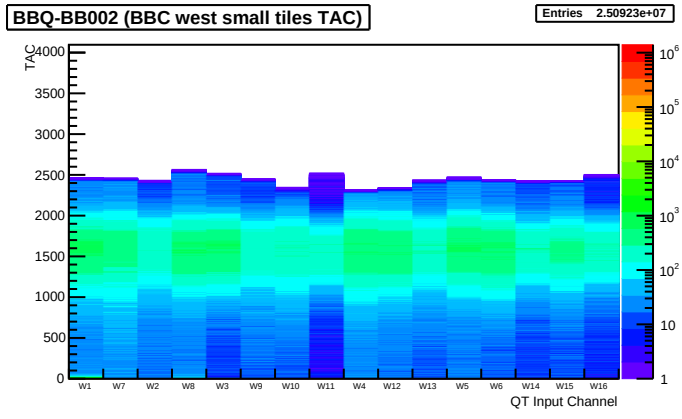

MXQ-PP001
Entries 2.50923e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

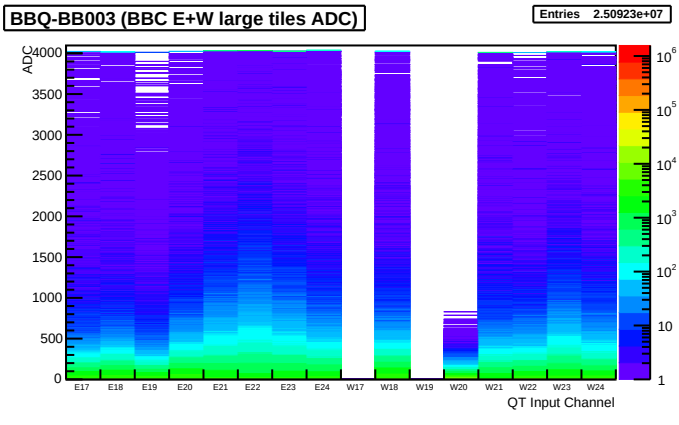

MXQ-PP001
Entries 2.50923e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

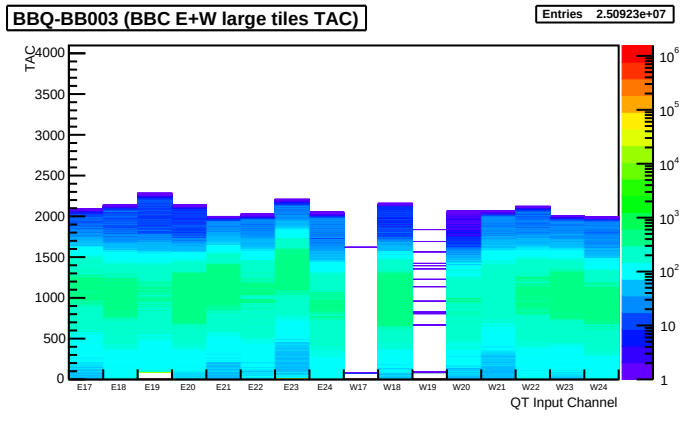

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.50923e+07
ADC
QT Input Channel

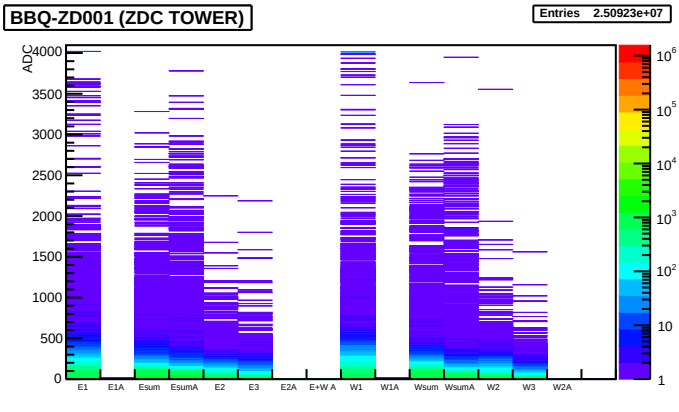

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.50923e+07
TAC
QT Input Channel

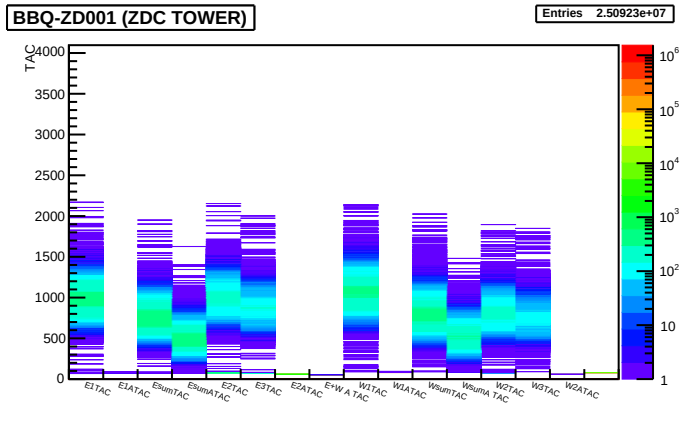

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.50923e+07
ADC
QT Input Channel

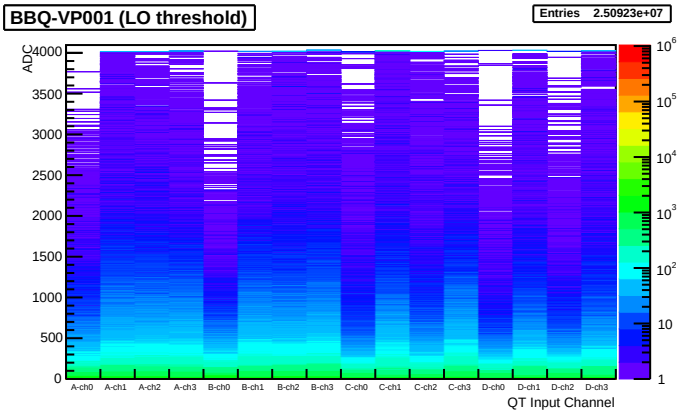

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.50923e+07
TAC
QT Input Channel

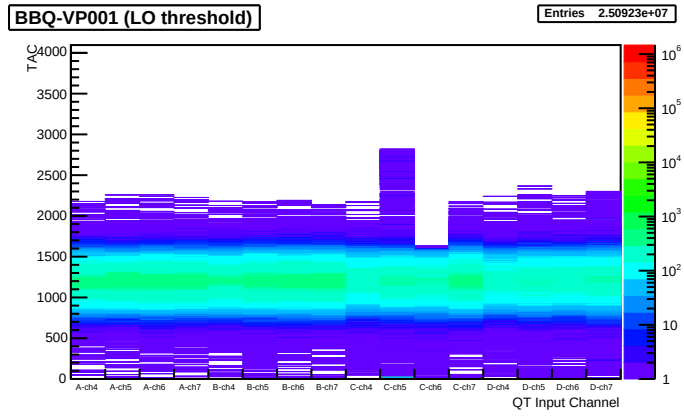

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.50923e+07
ADC
QT Input Channel

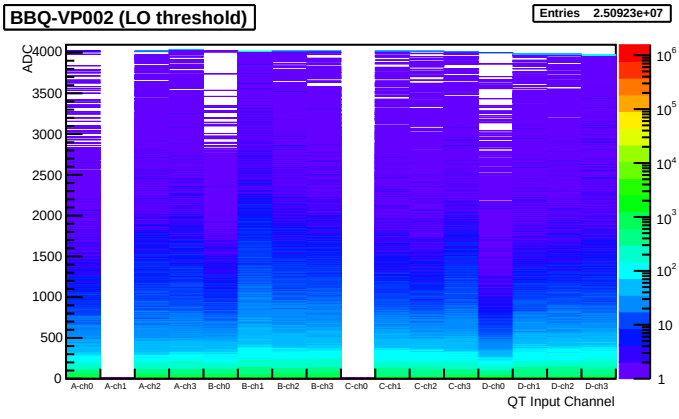

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.50923e+07
TAC
QT Input Channel

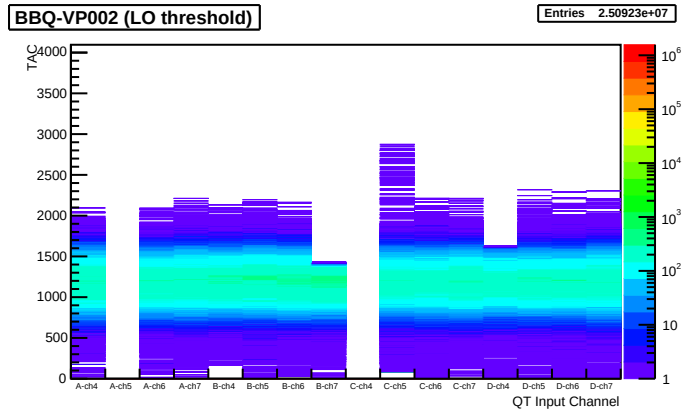

BBQ-ZD001 (ZDC TOWER)
Entries 2.50923e+07
ADC

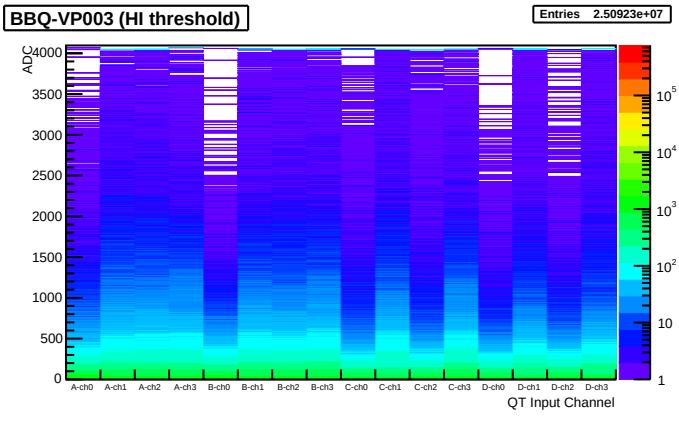

BBQ-ZD001 (ZDC TOWER)
Entries 2.50923e+07
TAC

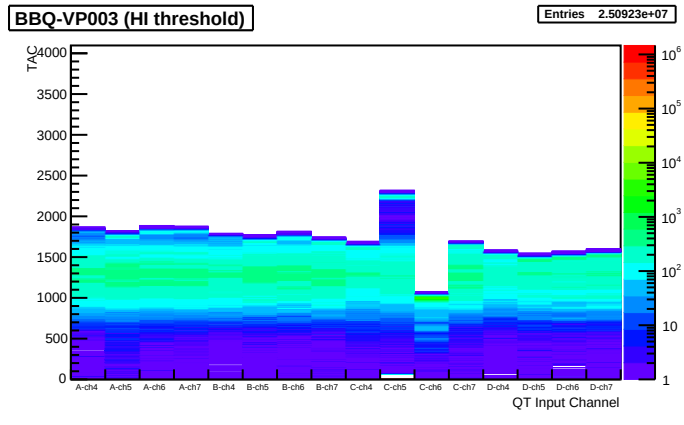

BBQ-VP001 (LO threshold)
Entries 2.50923e+07
ADC
QT Input Channel

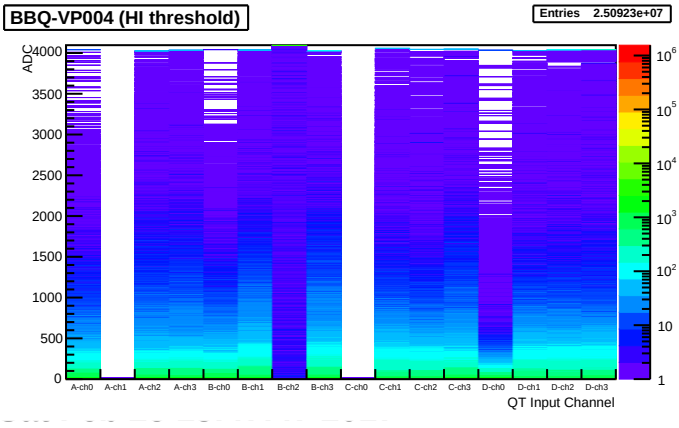

BBQ-VP001 (LO threshold)
Entries 2.50923e+07
TAC
QT Input Channel

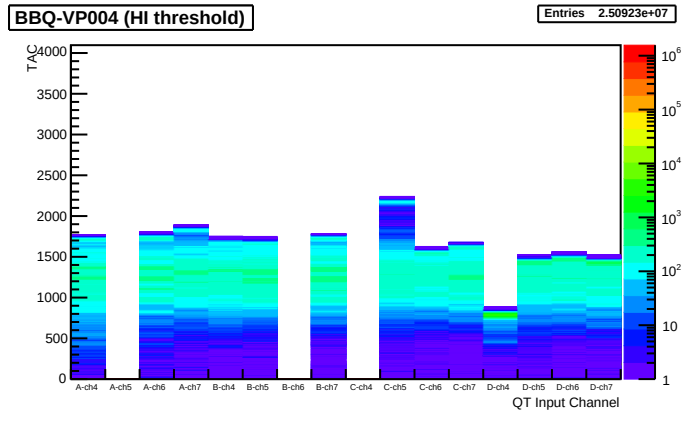

BBQ-VP002 (LO threshold)
Entries 2.50923e+07
ADC
QT Input Channel

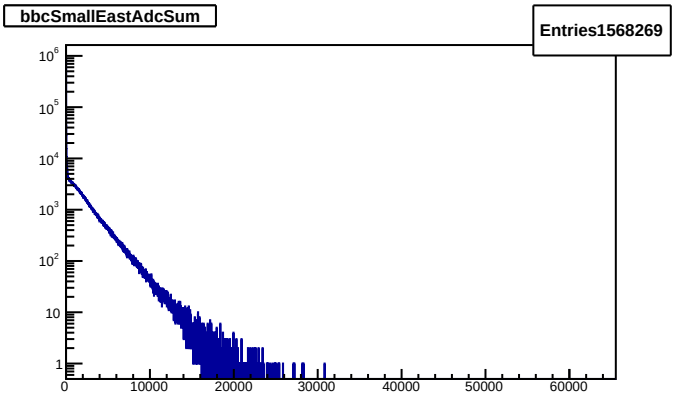

BBQ-VP002 (LO threshold)
Entries 2.50923e+07
TAC
QT Input Channel

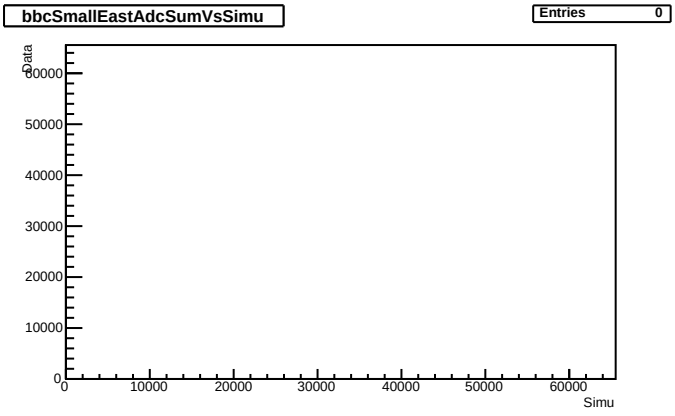

BBQ-VP003 (HI threshold)
Entries 2.50923e+07
ADC
QT Input Channel

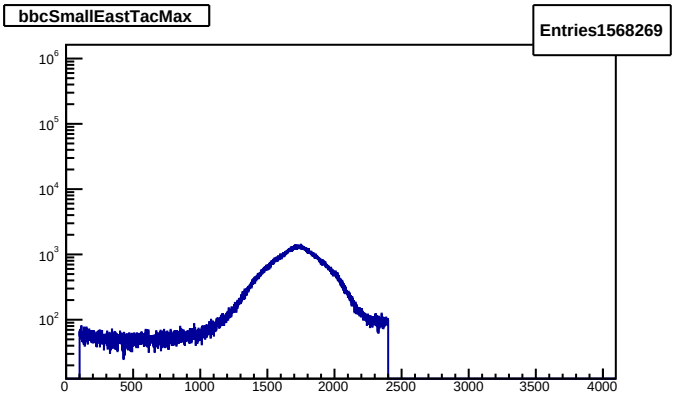

BBQ-VP003 (HI threshold)
Entries 2.50923e+07
TAC
QT Input Channel

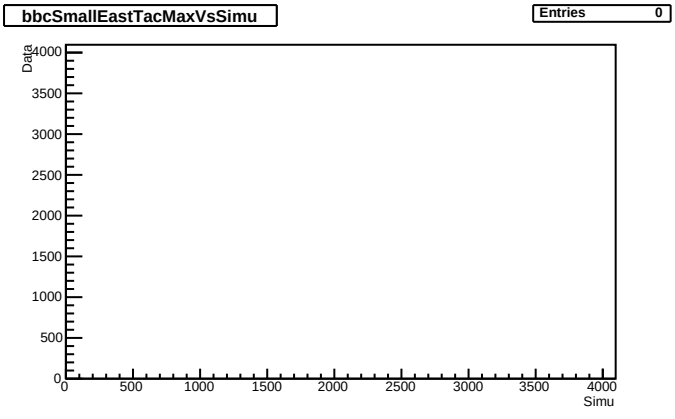

BBQ-VP004 (HI threshold)
Entries 2.50923e+07
ADC
QT Input Channel

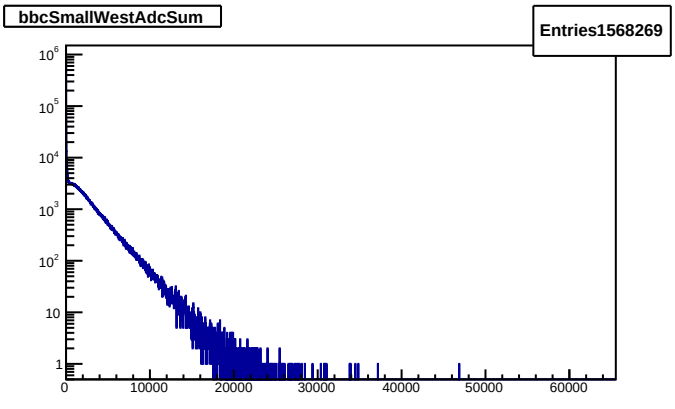

BBQ-VP004 (HI threshold)
Entries 2.50923e+07
TAC
QT Input Channel

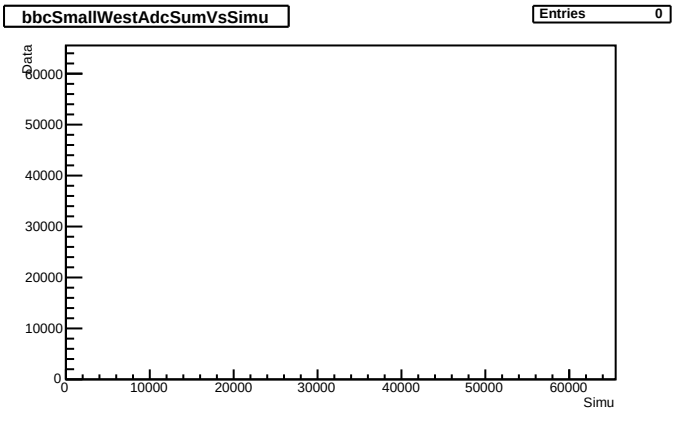

bbcSmallEastAdcSum
Entries1568269

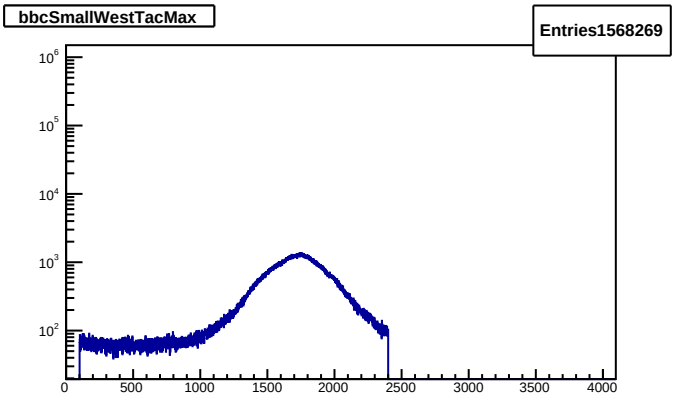

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

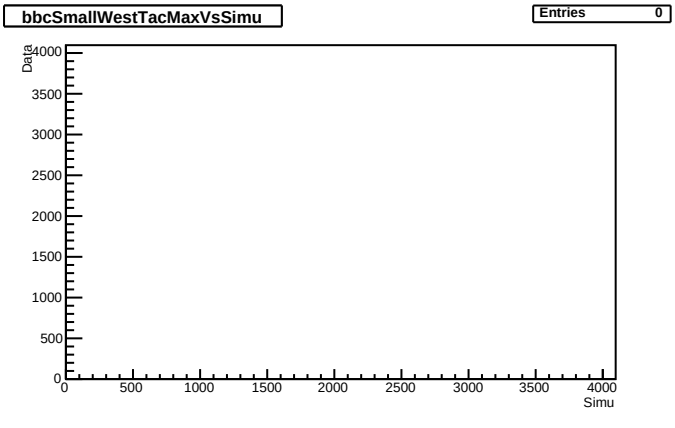

bbcSmallEastTacMax
Entries1568269

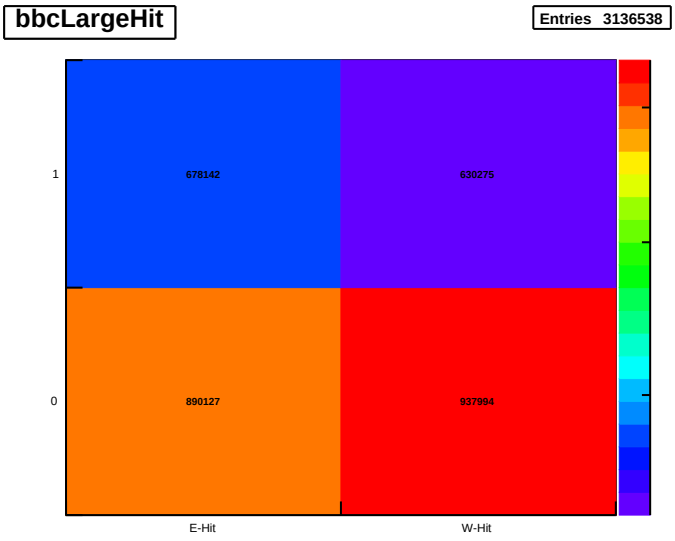

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

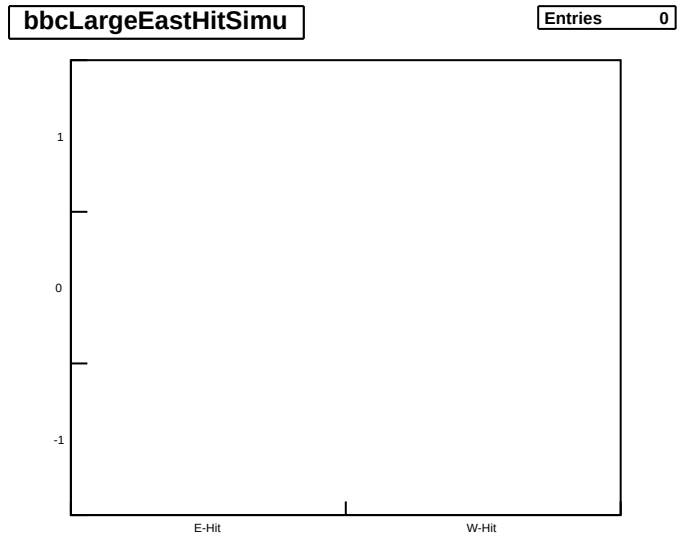

bbcSmallWestAdcSum
Entries1568269

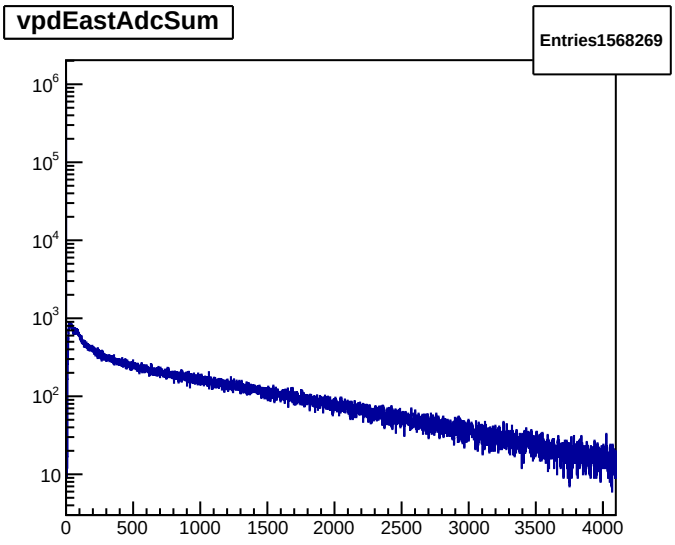

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

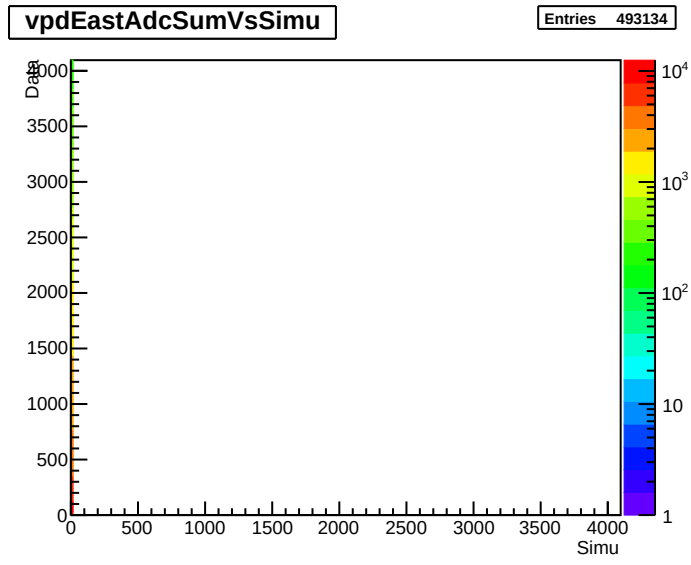

bbcSmallWestTacMax
Entries1568269

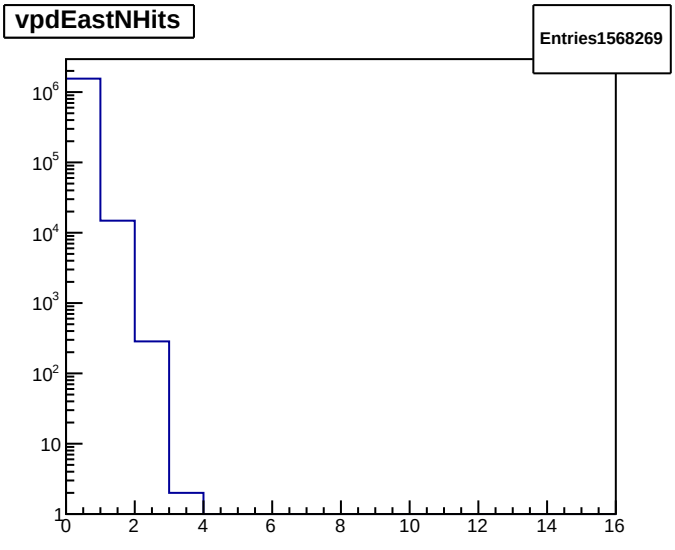

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

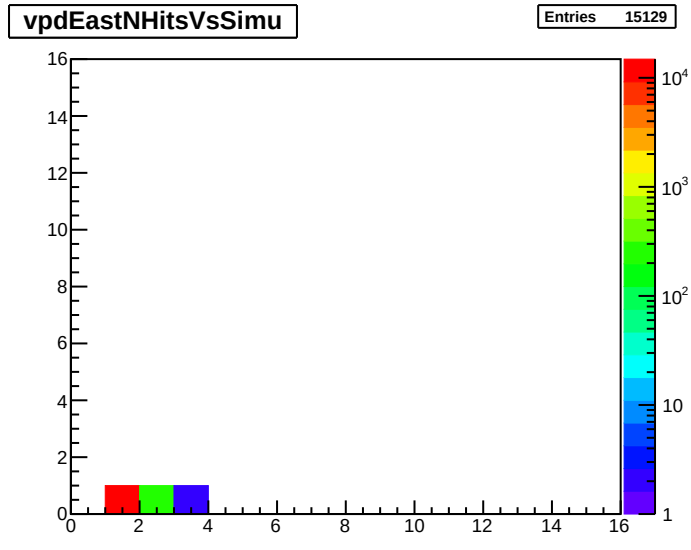

bbcLargeHit
Entries 3136538
1
0
678142
630275
890127
937994
E-Hit
W-Hit

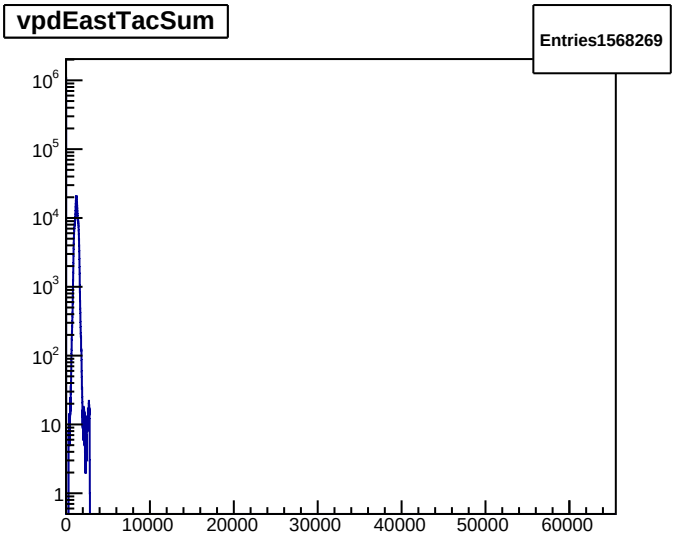

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

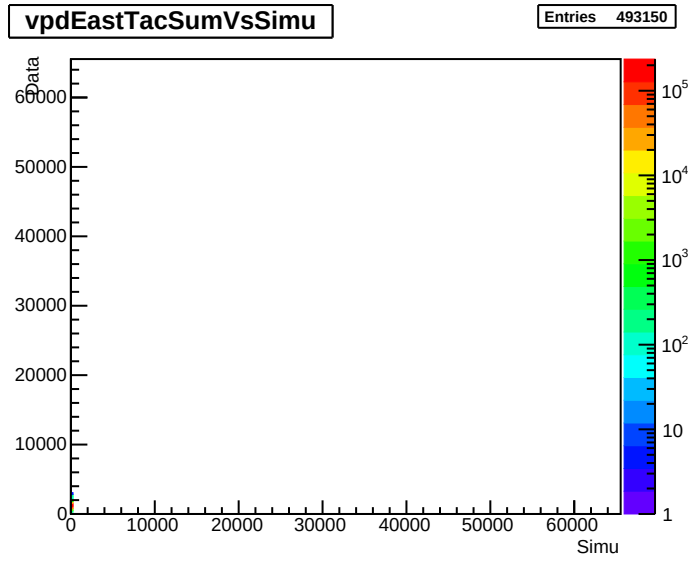

vpdEastAdcSum
Entries1568269

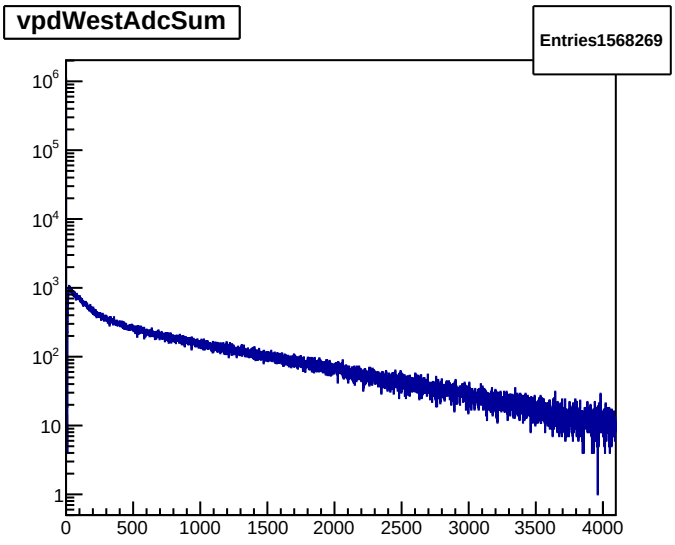

vpdEastAdcSumVsSimu
Entries 493134
Data
Simu

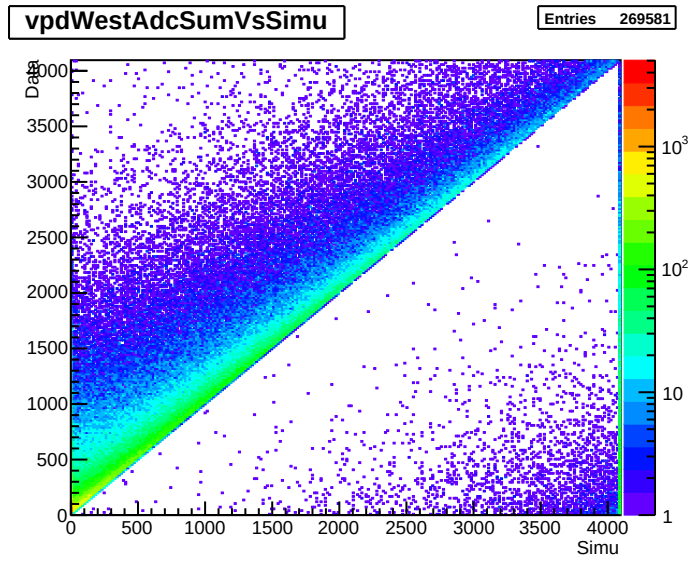

vpdEastNHits
Entries1568269

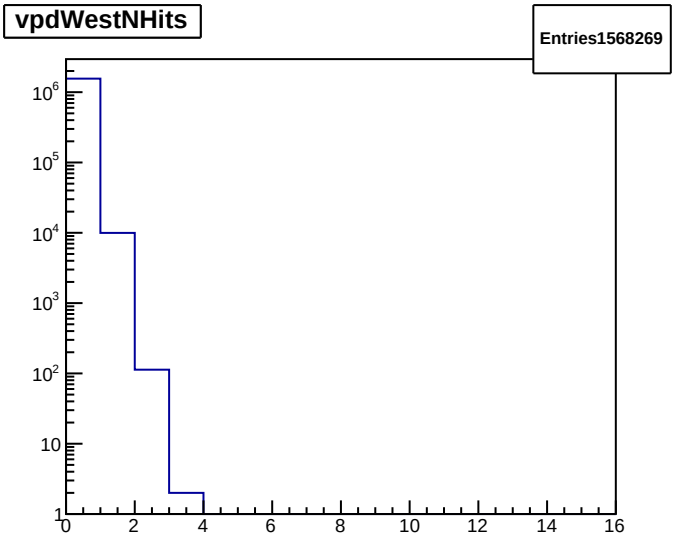

vpdEastNHitsVsSimu
Entries 15129

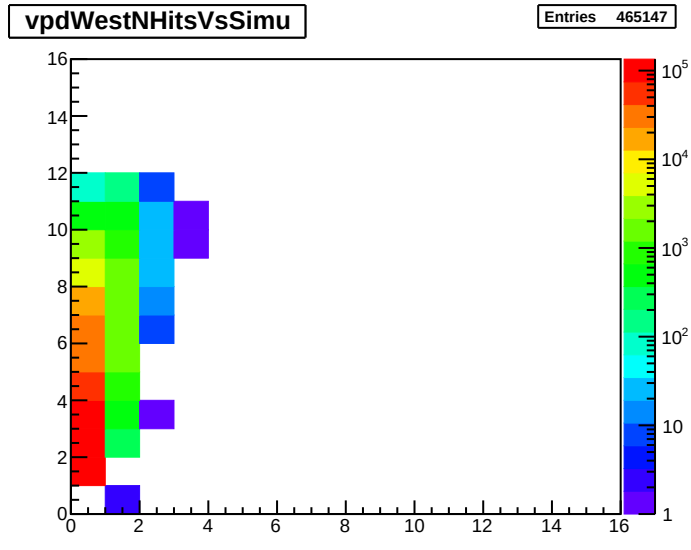

vpdEastTacSum
Entries1568269

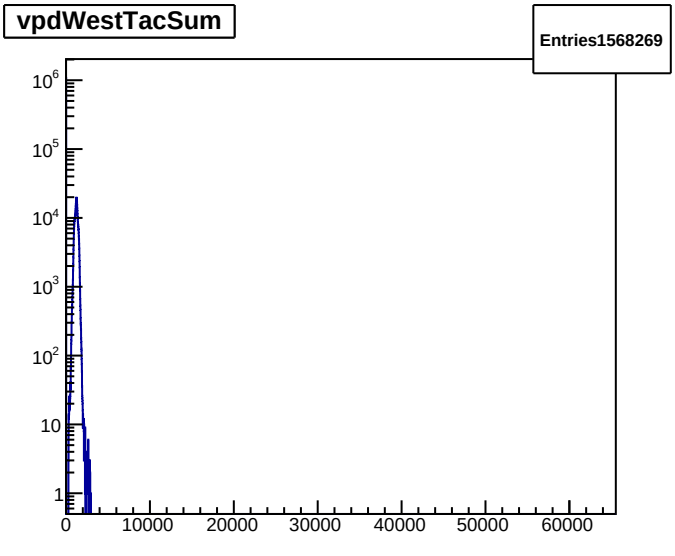

vpdEastTacSumVsSimu
Entries 493150
Data
Simu

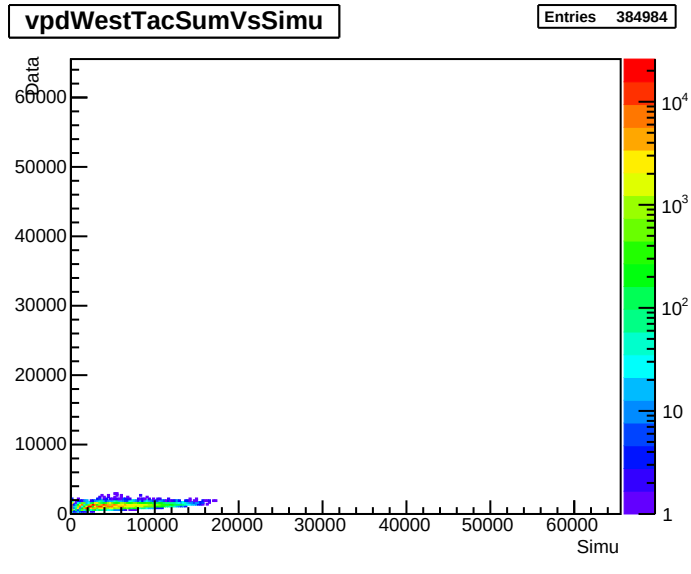

vpdWestAdcSum
Entries1568269

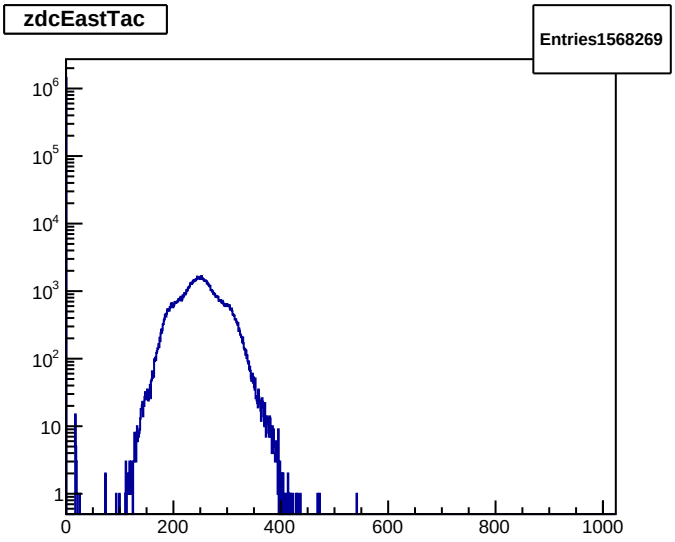

vpdWestAdcSumVsSimu
Entries 269581
Data
Simu

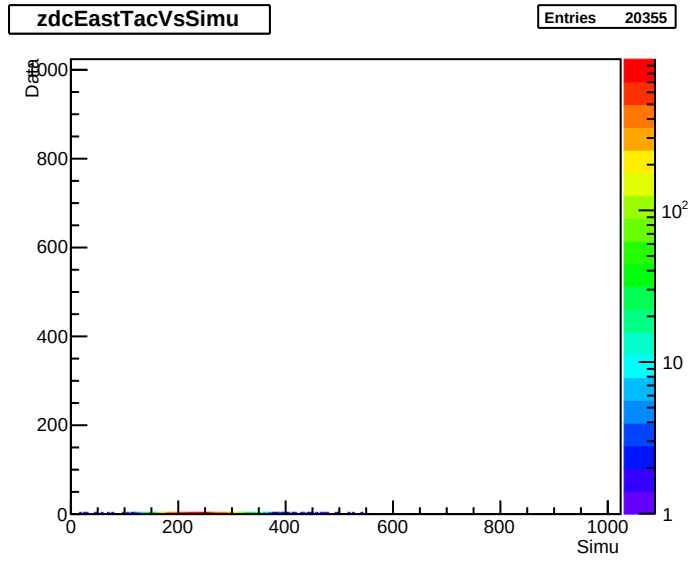

vpdWestNHits
Entries1568269

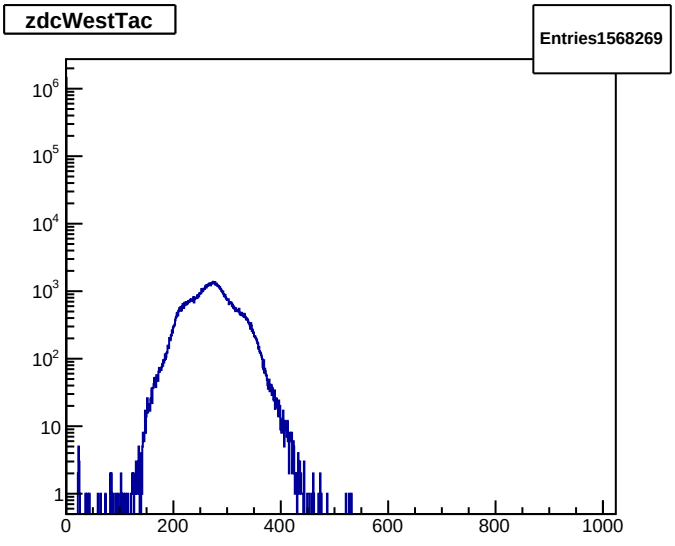

vpdWestNHitsVsSimu
Entries 465147

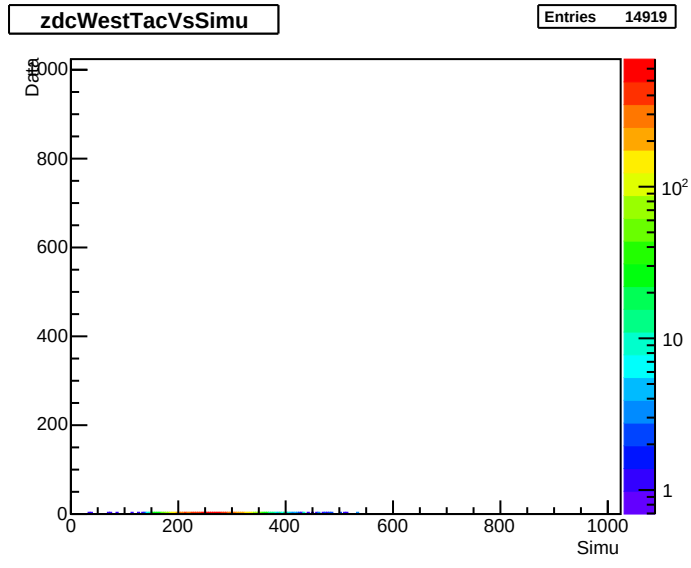

vpdWestTacSum
Entries1568269

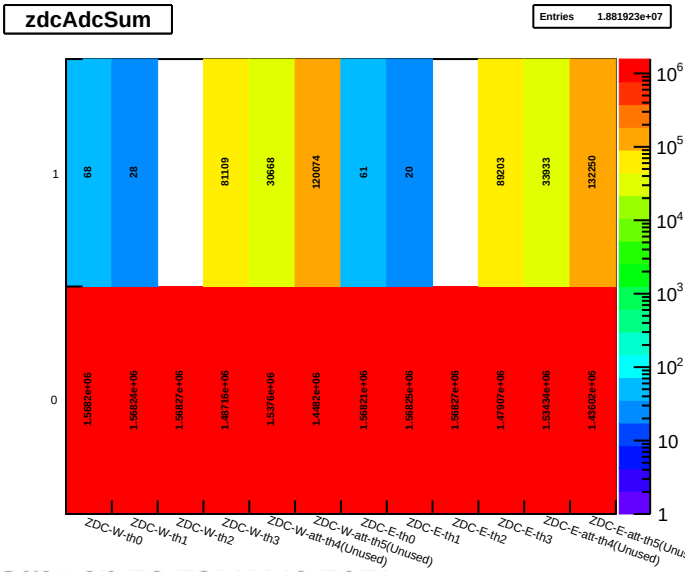

vpdWestTacSumVsSimu
Entries 384984
Data
Simu

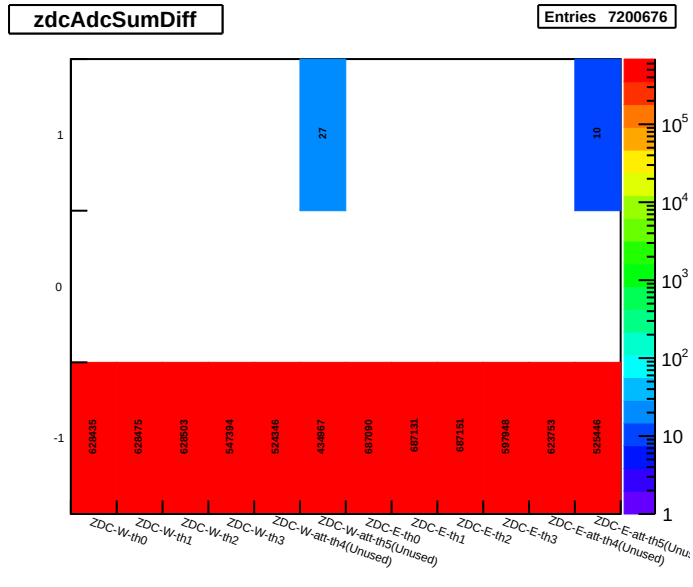

zdcEastTac
Entries1568269

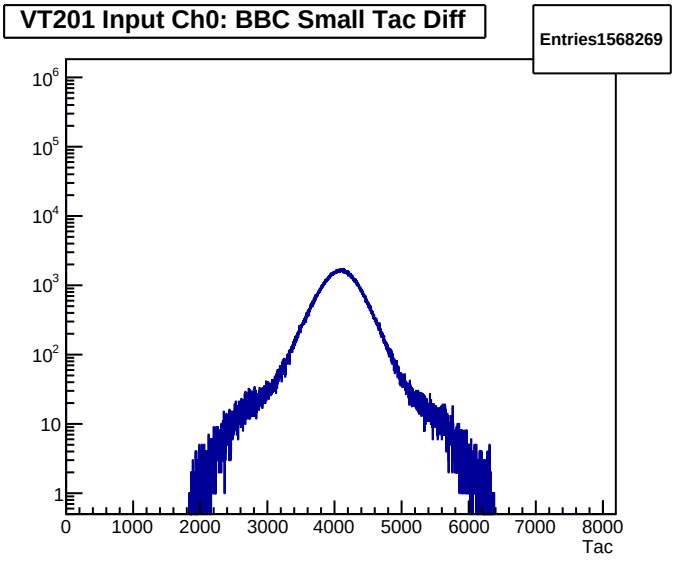

zdcEastTacVsSimu
Entries 20355
Data
Simu

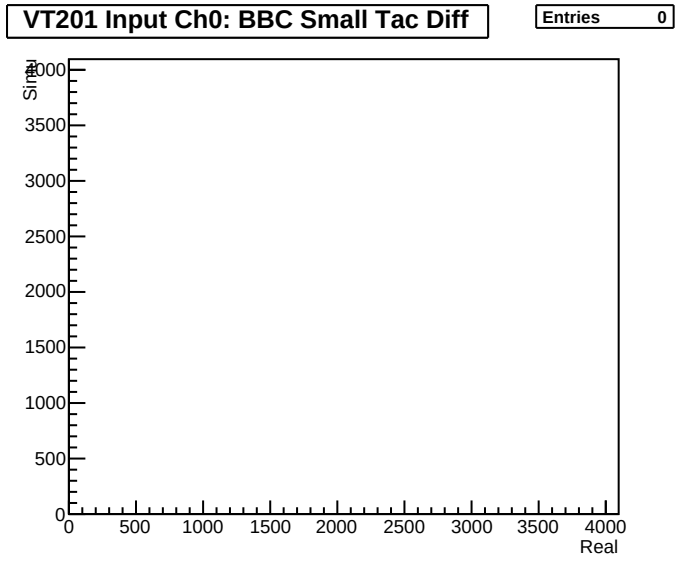

zdcWestTac
Entries1568269

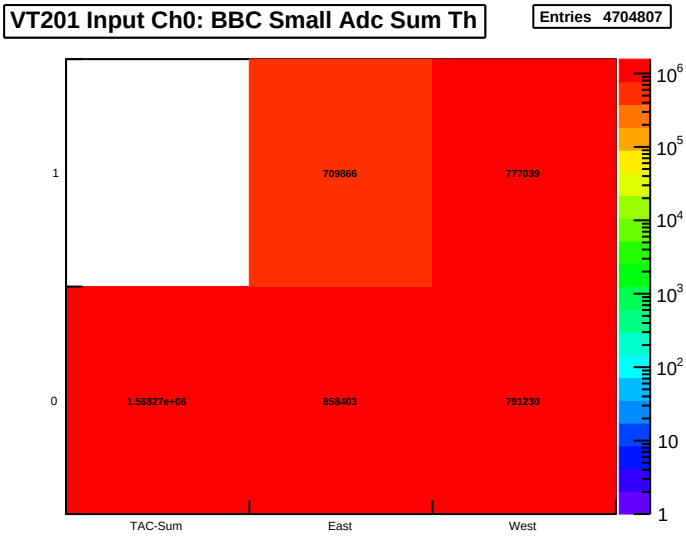

zdcWestTacVsSimu
Entries 14919
Data
Simu

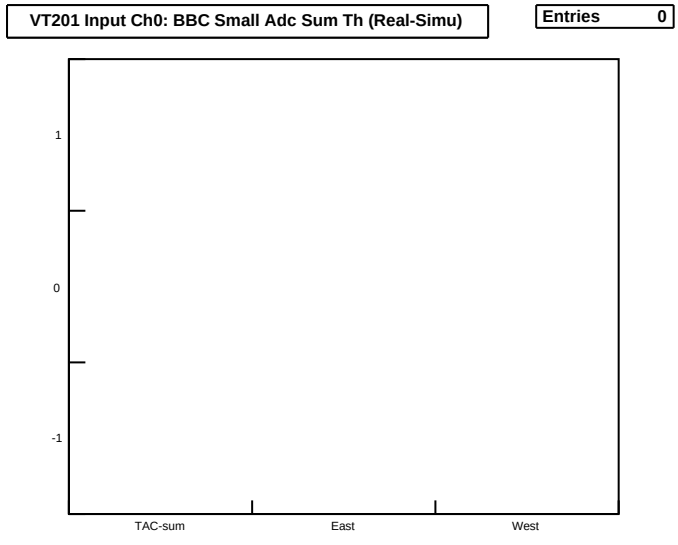

zdcAdcSum
Entries 1.881923e+07
68
28
81109
30668
120074
61
20
89203
33933
132250
1.5832e+06
1.59324e+06
1.56327e+06
1.46716e+06
1.5376e+06
1.4432e+06
1.56321e+06
1.56325e+06
1.56327e+06
1.47907e+06
1.53434e+06
1.43602e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

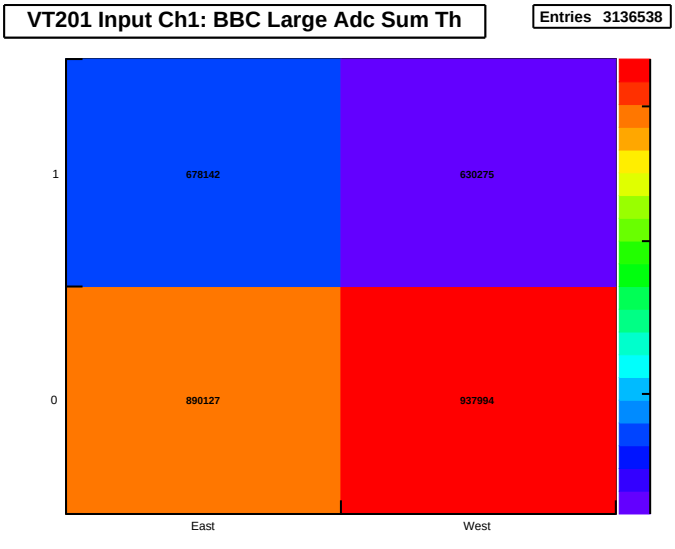

zdcAdcSumDiff
Entries 7200676
27
10
628435
628475
628503
547394
524346
434867
687090
687131
687151
597948
623753
525446
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

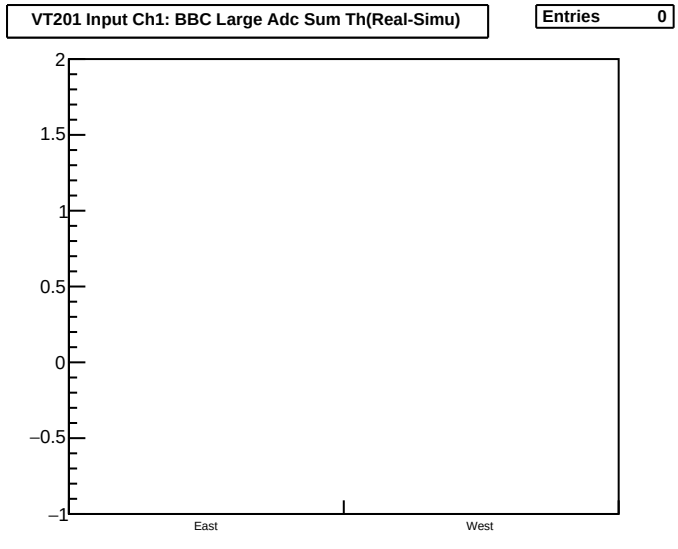

VT201 Input Ch0: BBC Small Tac Diff
Entries1568269
Tac


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

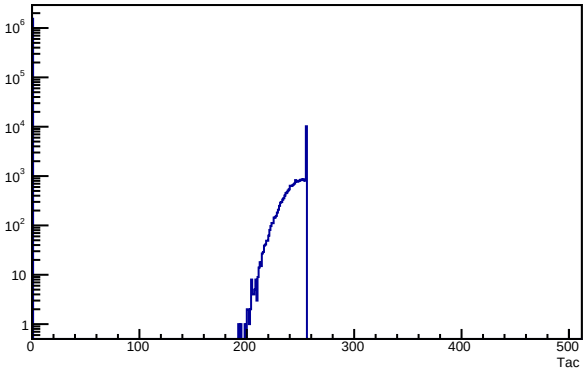

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4704807
709866
777039
1.56827e+06
858403
791230
TAC-Sum
East
West


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

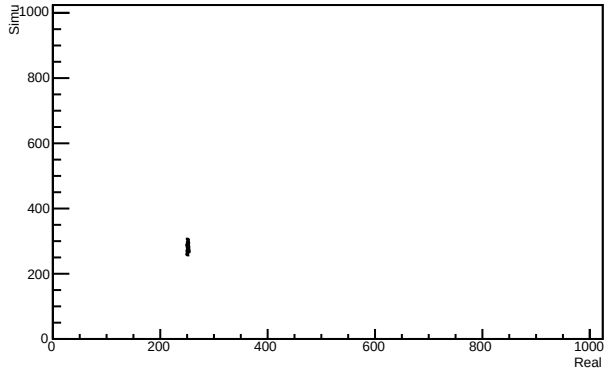

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3136538
678142
630275
890127
937994
East
West


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

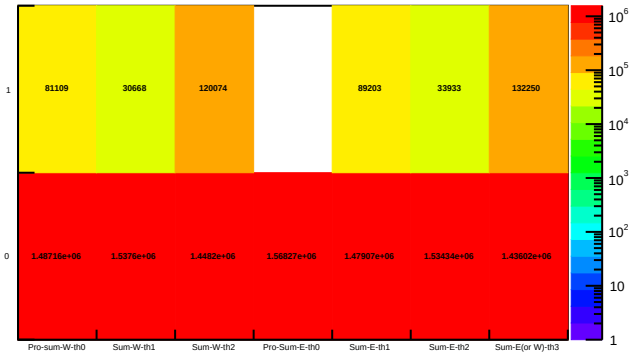
VT201 Input Ch2: ZDC Tac Diff



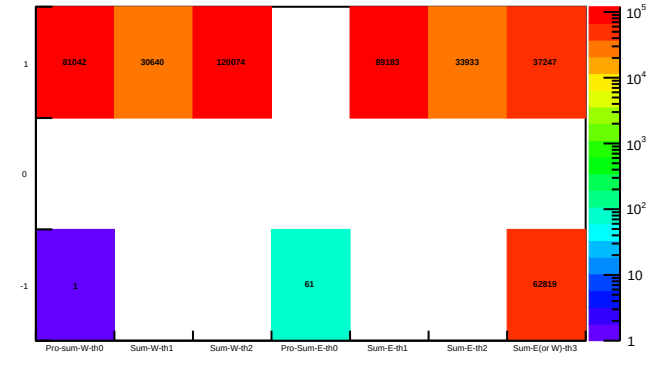
VT201 Input Ch2: ZDC Tac Diff



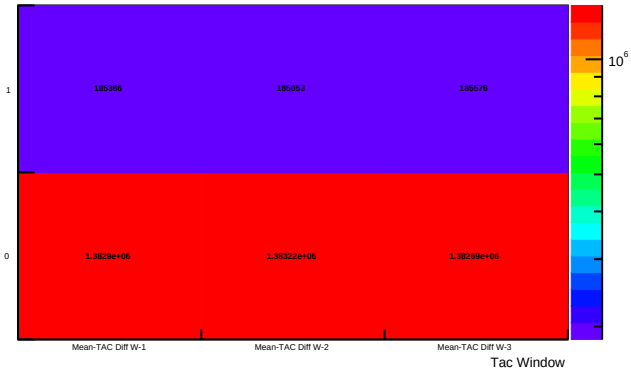
VT201 Input Ch2: ZDC Adc Sum Th



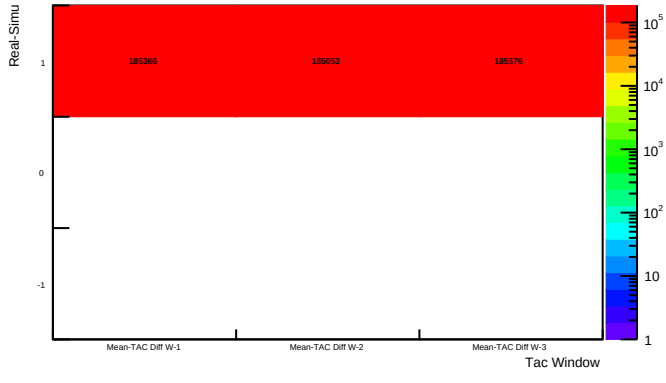
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



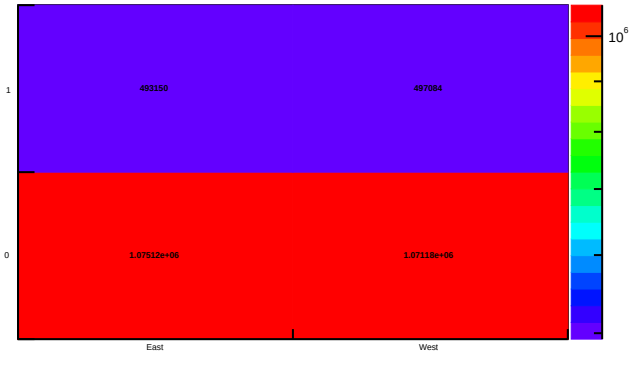
VT201 Input Ch4: VPD Tac Diff



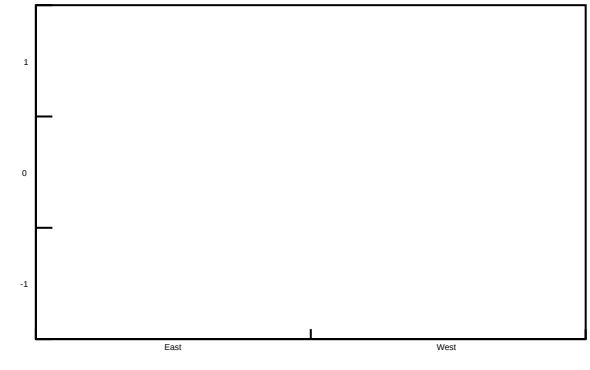
VT201 Input Ch4: VPD Tac Diff

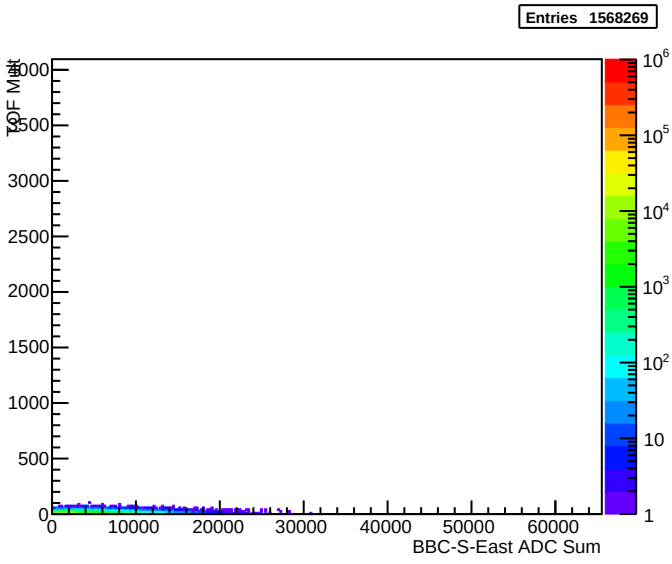


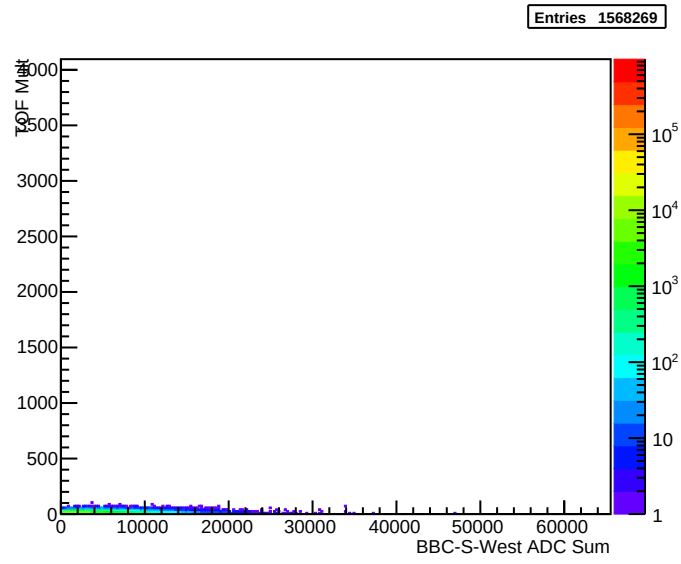
VT201 Input Ch4: VPD Adc Sum Th

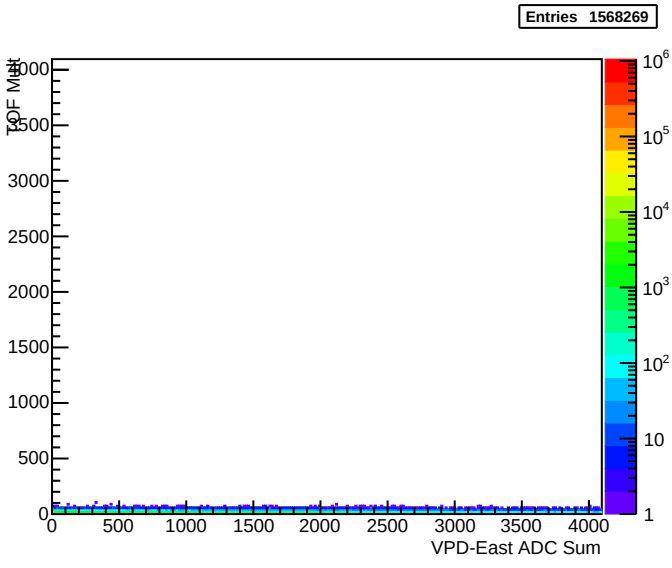


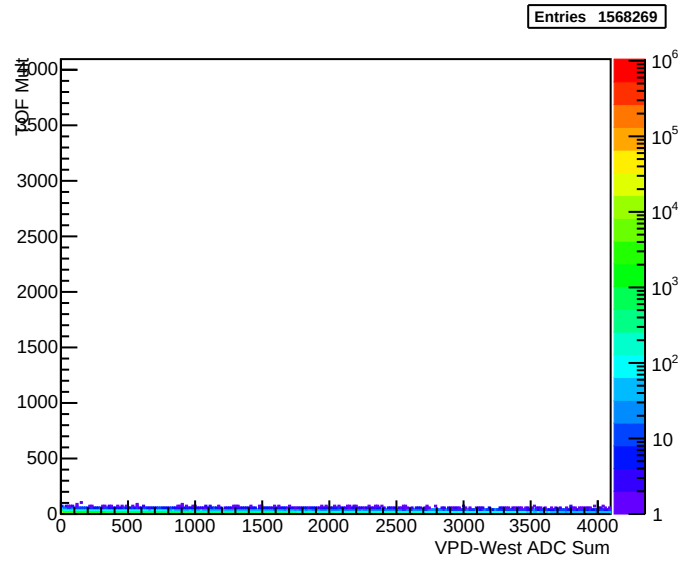
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

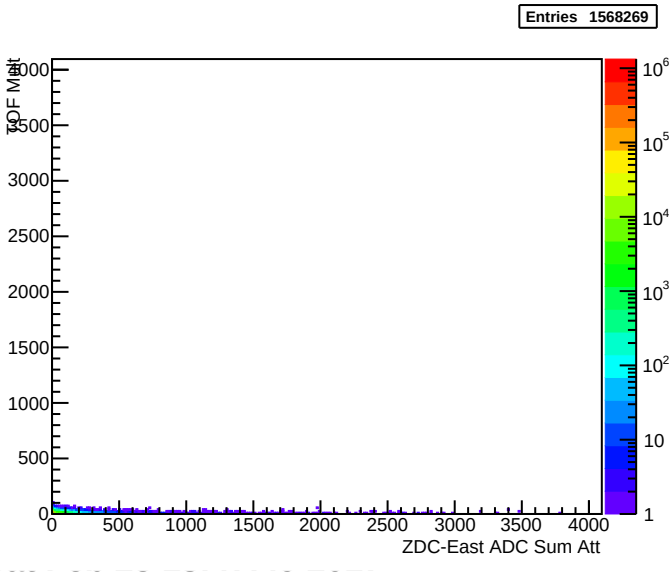


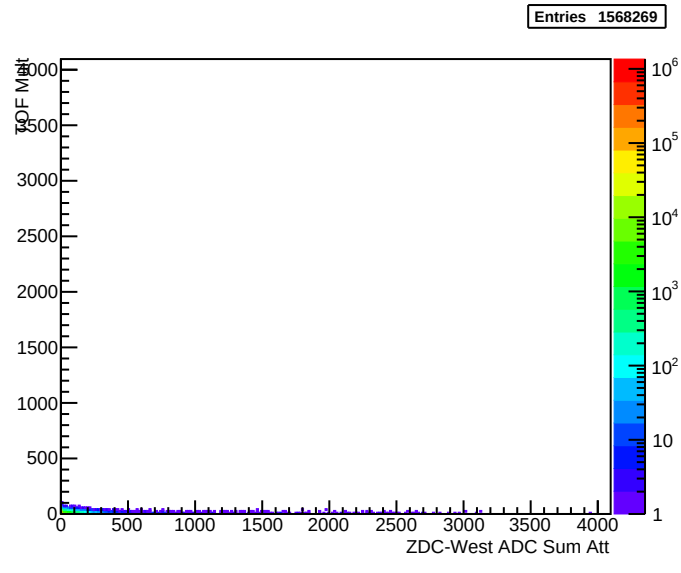

Entries 1568269
TOF Mult
BBC-S-East ADC Sum

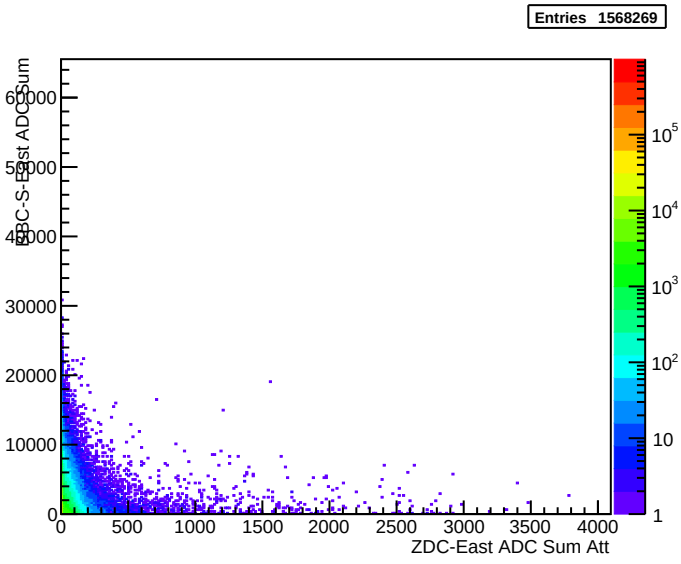

Entries 1568269
TOF Mult
BBC-S-West ADC Sum

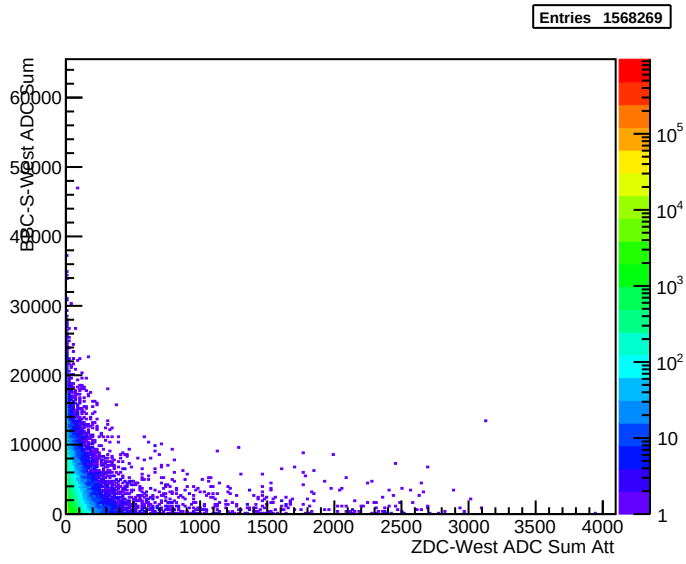

Entries 1568269
TOF Mult
VPD-East ADC Sum

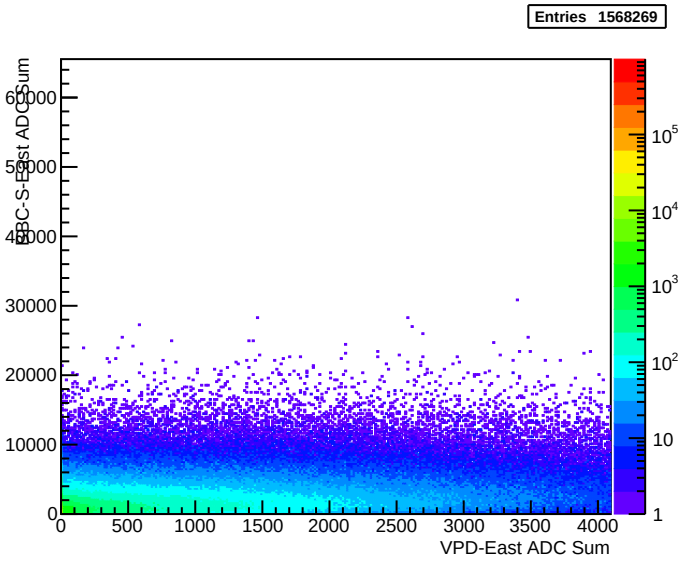

Entries 1568269
TOF Mult
VPD-West ADC Sum

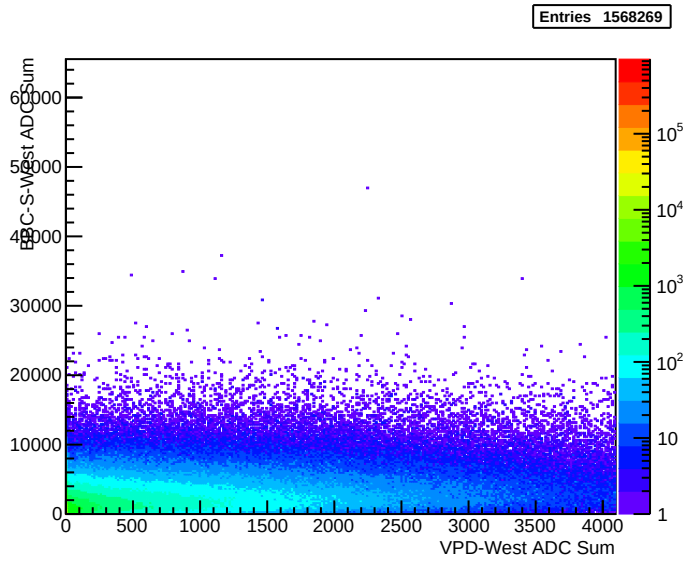

Entries 1568269
TOF Mult
ZDC-East ADC Sum Att

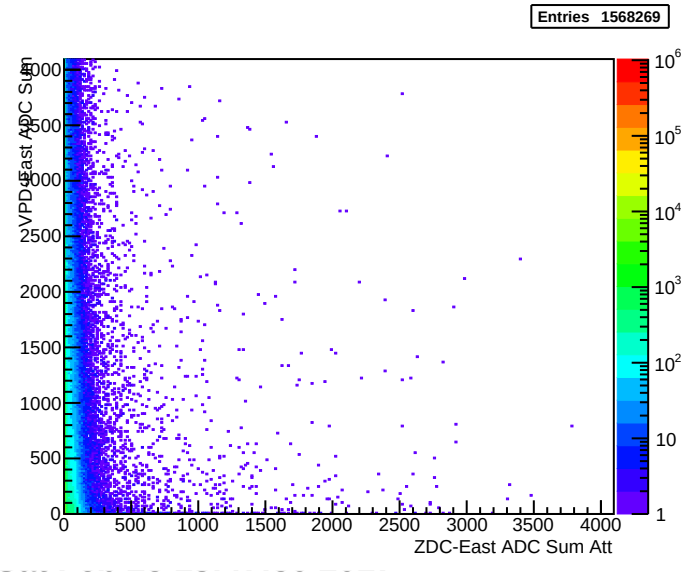

Entries 1568269
TOF Mult
ZDC-West ADC Sum Att

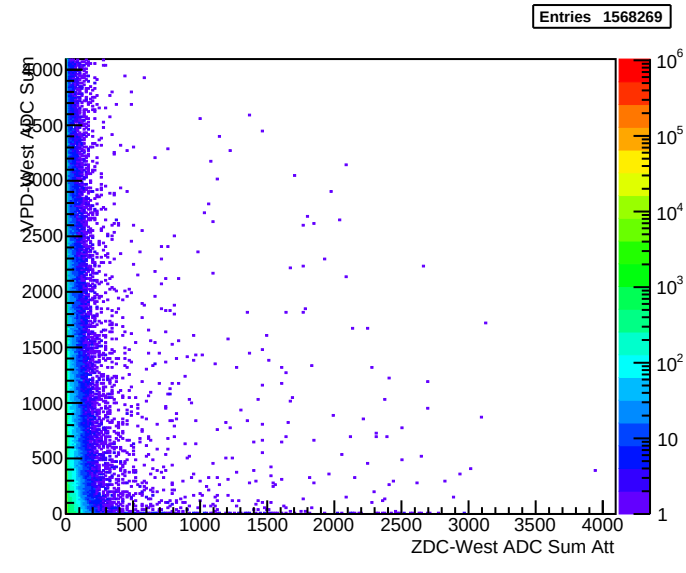

Entries 1568269
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

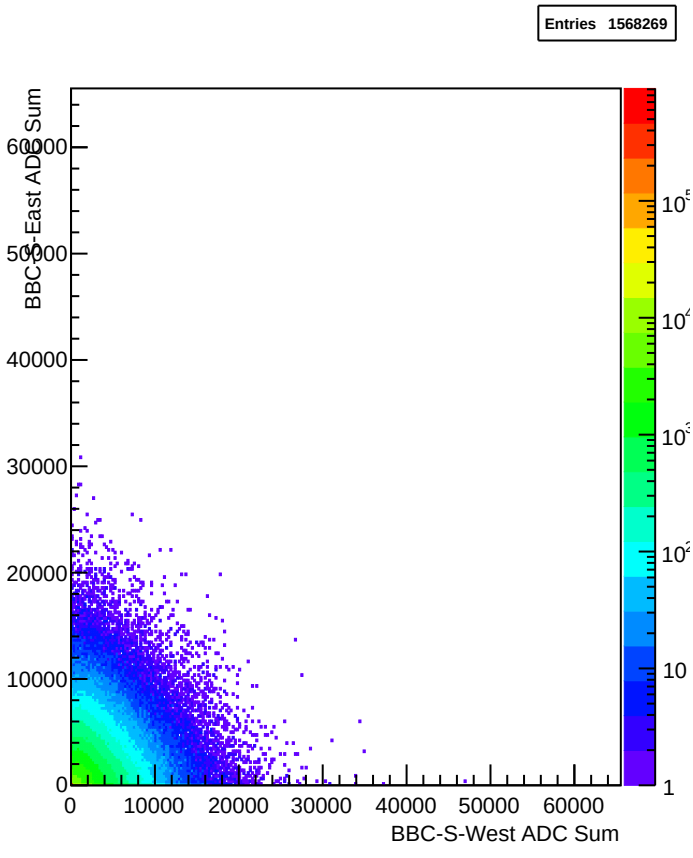

Entries 1568269
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

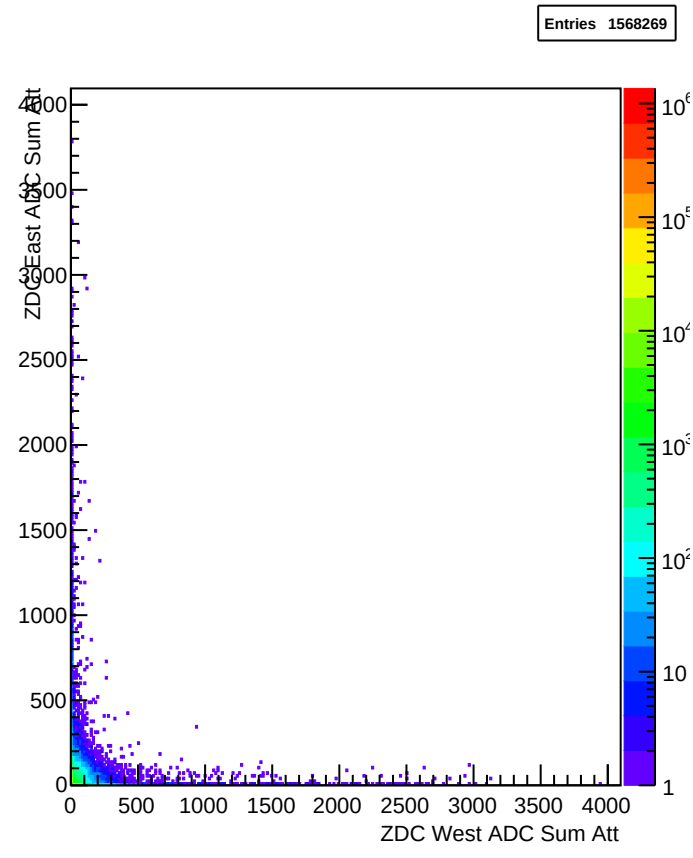

Entries 1568269
BBC-S-East ADC Sum
VPD-East ADC Sum

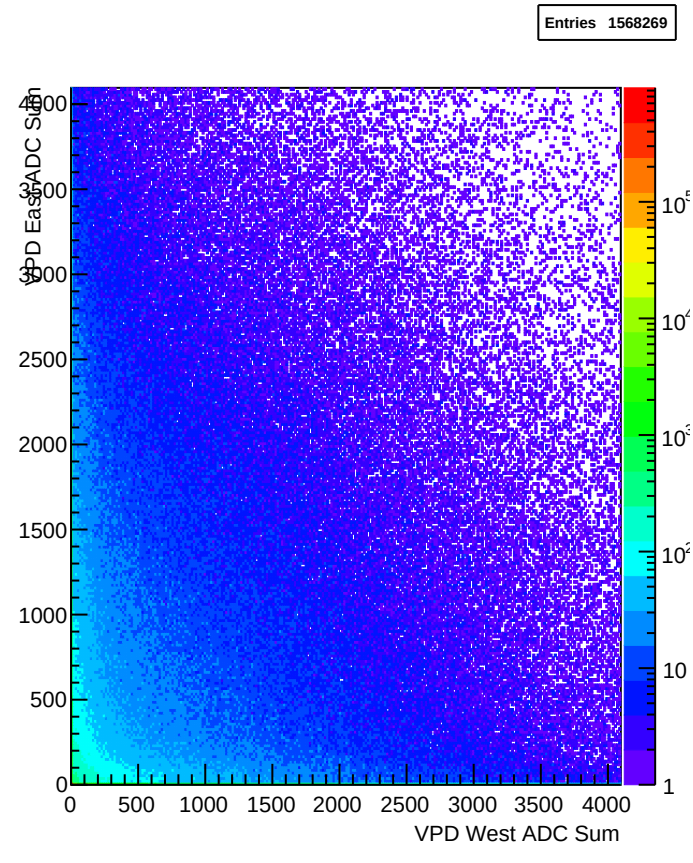

Entries 1568269
BBC-S-West ADC Sum
VPD-West ADC Sum

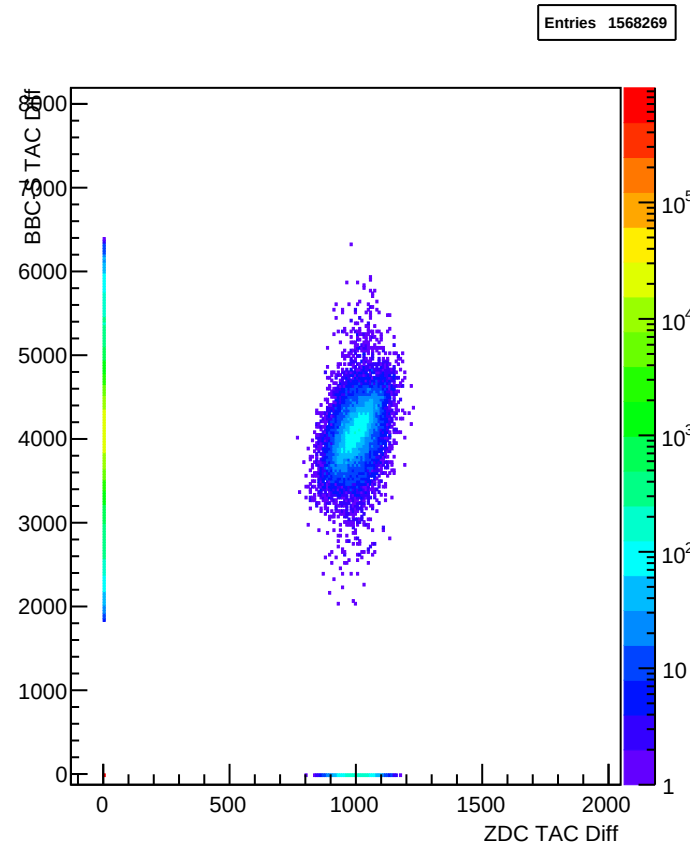

Entries 1568269
VPD-East ADC Sum
ZDC-East ADC Sum Att

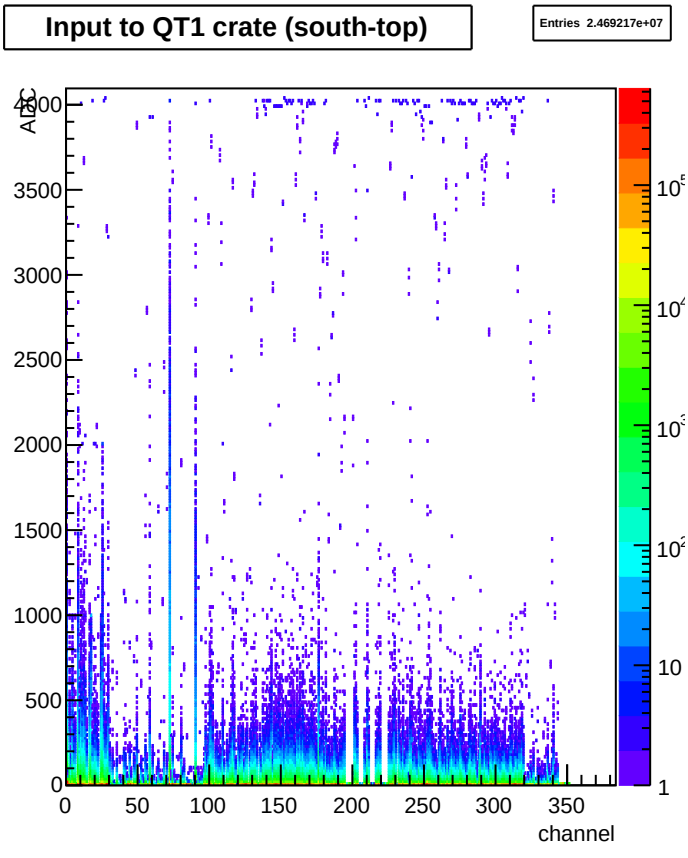

Entries 1568269
VPD-West ADC Sum
ZDC-West ADC Sum Att

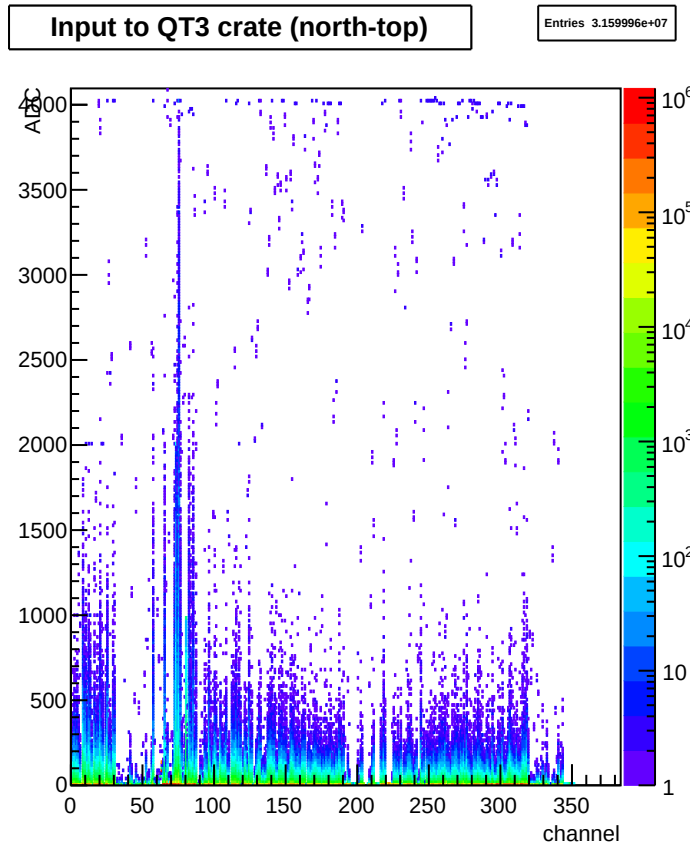

Entries 1568269
BBC-S-East ADC Sum
BBC-S-West ADC Sum

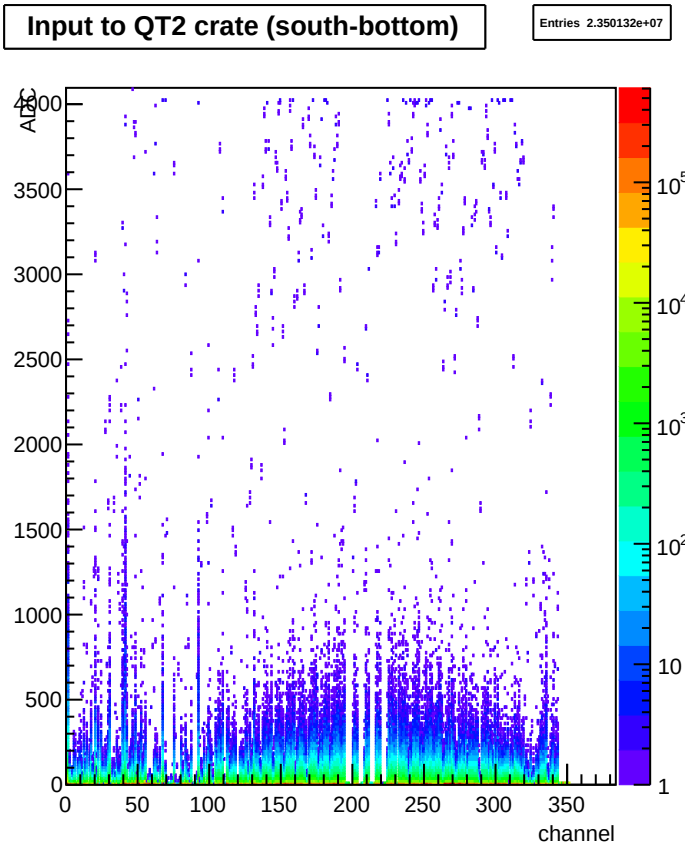

Entries 1568269
ZDC East ADC Sum Att
ZDC West ADC Sum Att

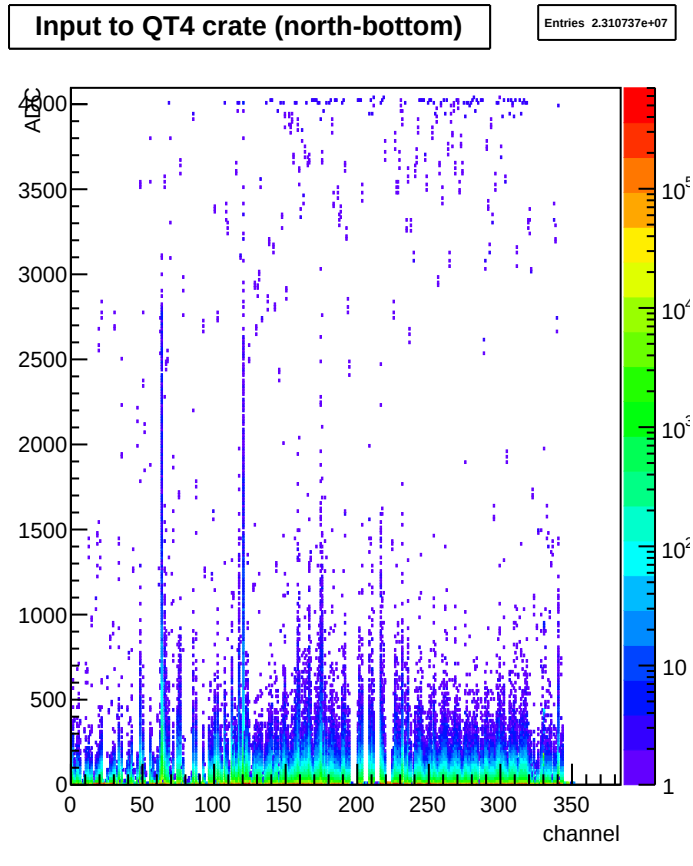

Entries 1568269
VPD East ADC Sum
VPD West ADC Sum

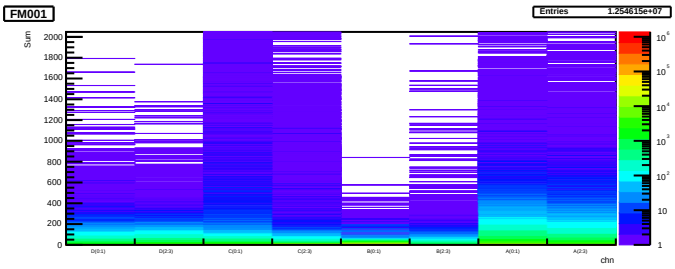

Entries 1568269
BBC-S TAC Diff
ZDC TAC Diff

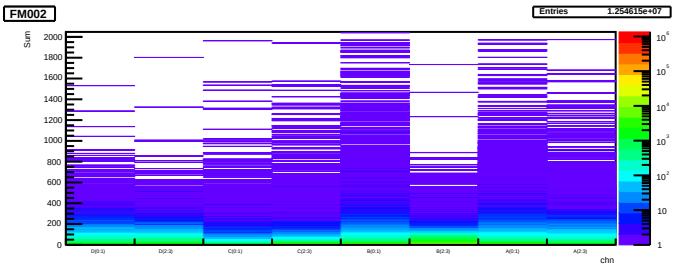

Input to QT1 crate (south-top)
Entries 2.469217e+07
ADC
channel

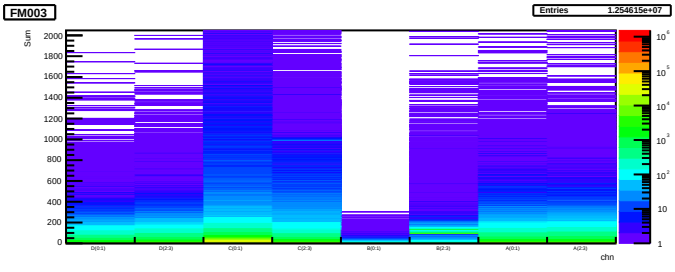

Input to QT3 crate (north-top)
Entries 3.159996e+07
ADC
channel

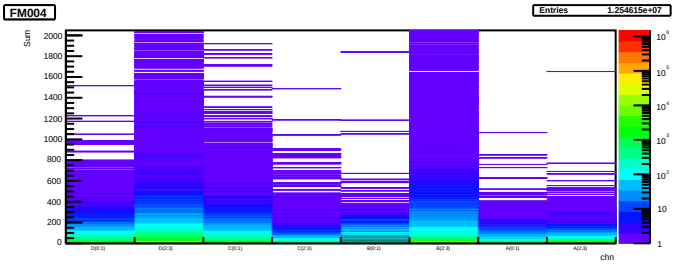

Input to QT2 crate (south-bottom)
Entries 2.350132e+07
ADC
channel

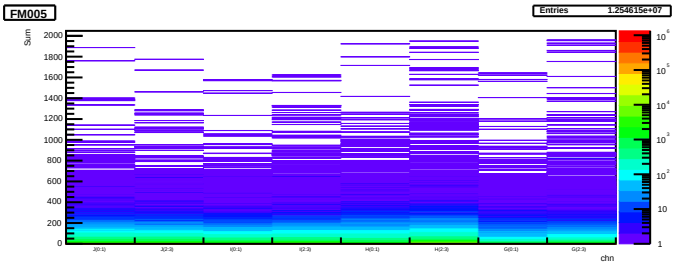

Input to QT4 crate (north-bottom)
Entries 2.310737e+07
ADC
channel

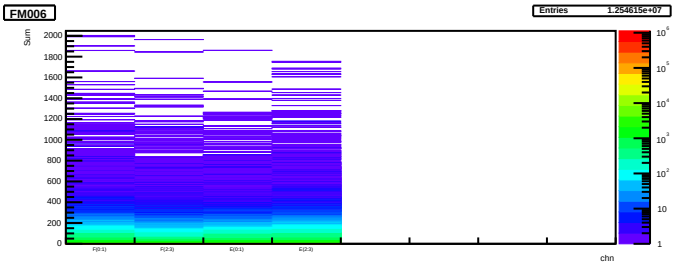

FM001
Entries 1.254615e+07
Sum
chn

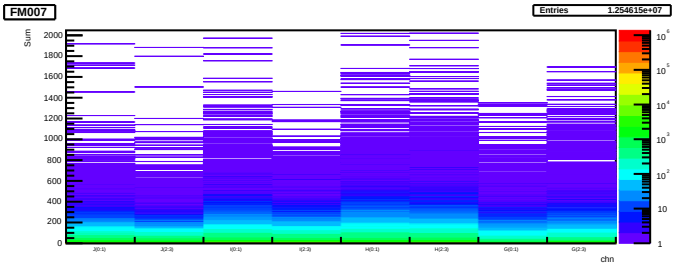

FM002
Entries 1.254615e+07
Sum
chn

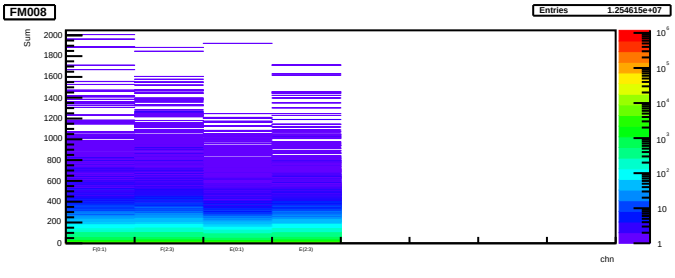

FM003
Entries 1.254615e+07
Sum
chn

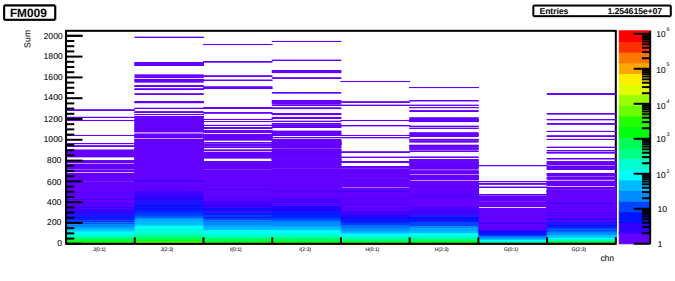

FM004
Entries 1.254615e+07
Sum
chn

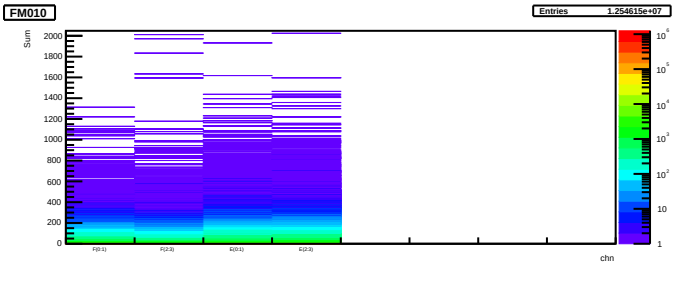

FM005
Entries 1.254615e+07
Sum
chn


FM006
Entries 1.254615e+07
Sum
chn


FM007
Entries 1.254615e+07
Sum
chn


FM008
Entries 1.254615e+07
Sum
chn


FM009
Entries 1.254615e+07
Sum
chn


FM010
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Sum
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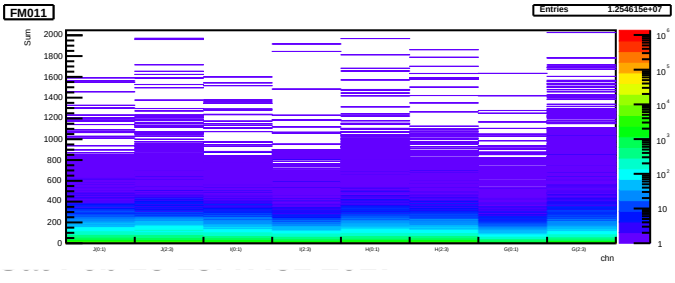
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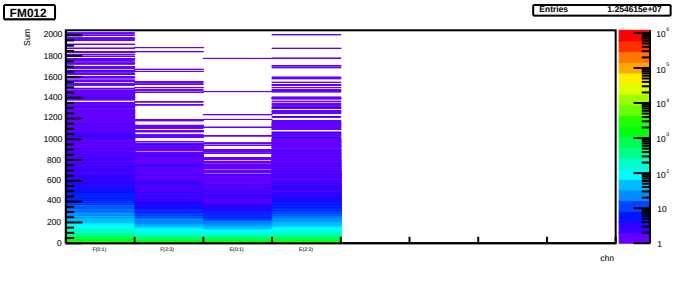
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Entries 1.254615e+07
Sum
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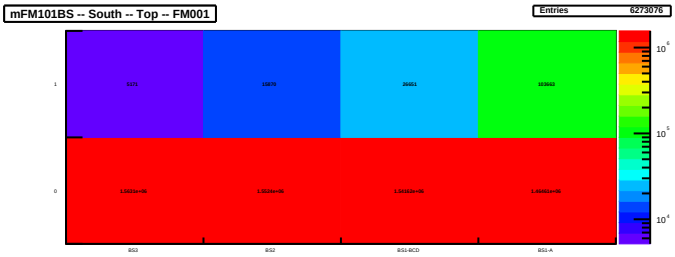
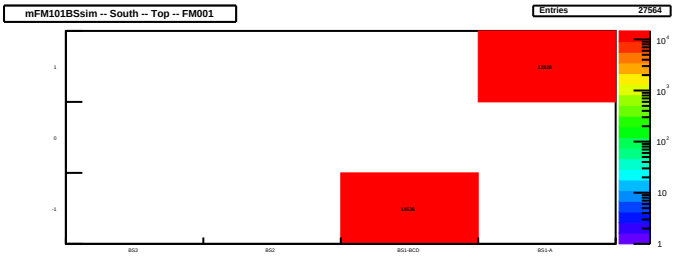
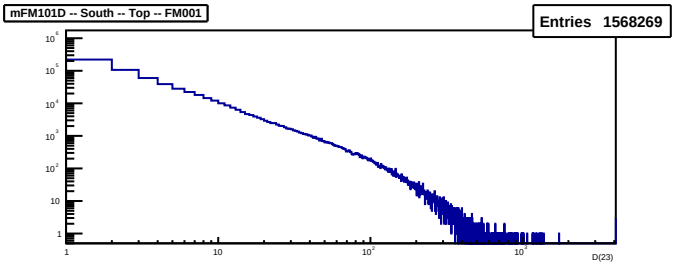
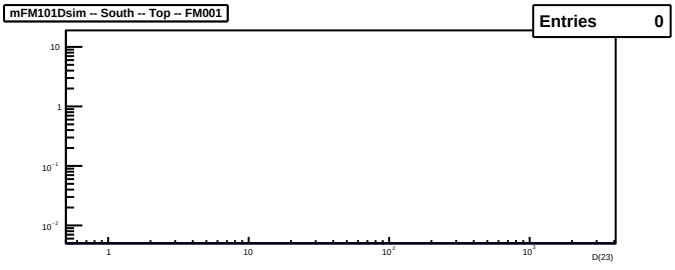

mFM101BS -- South -- Top -- FM001
Entries 6273076


mFM101BSsim -- South -- Top -- FM001
Entries 27564


mFM101D -- South -- Top -- FM001
Entries 1568269
D(23)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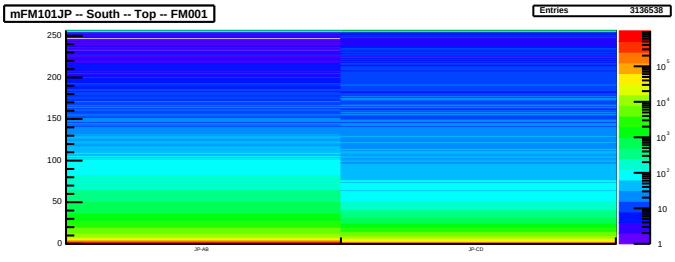
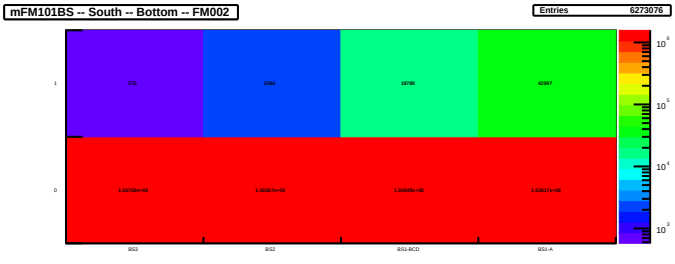
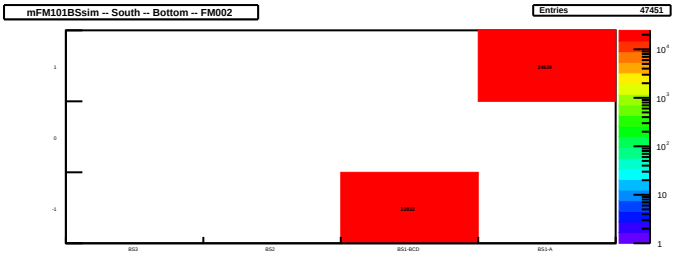
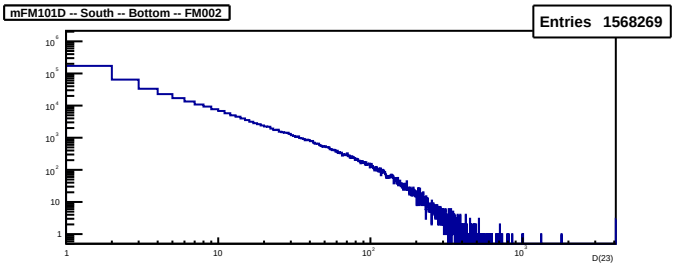
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 3136538

mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 6273076


mFM101BSsim -- South -- Bottom -- FM002
Entries 47451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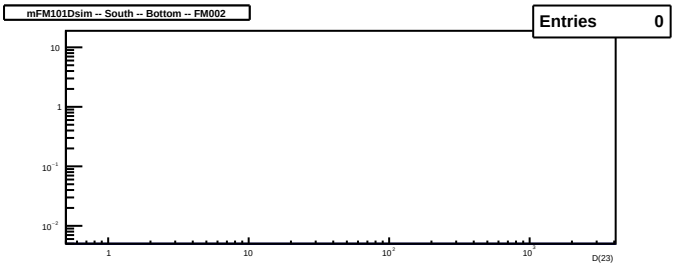
Entries 1568269
D(23)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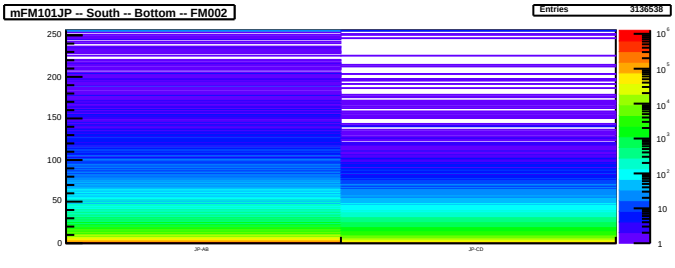
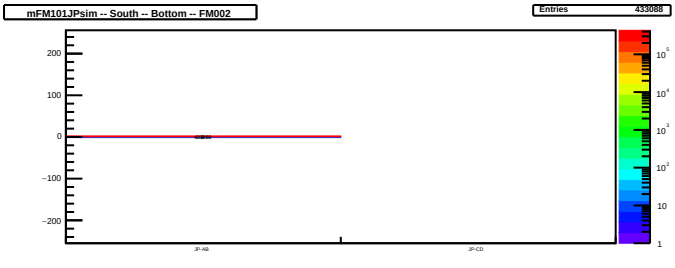
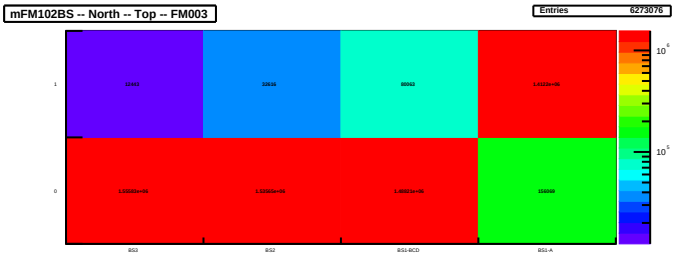
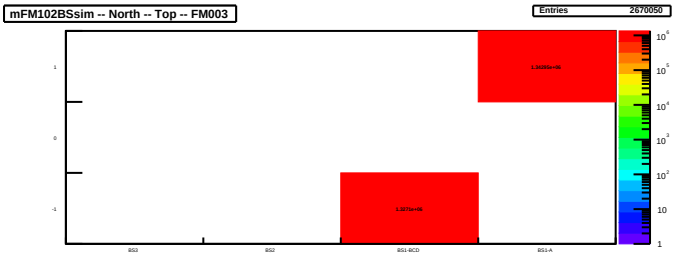
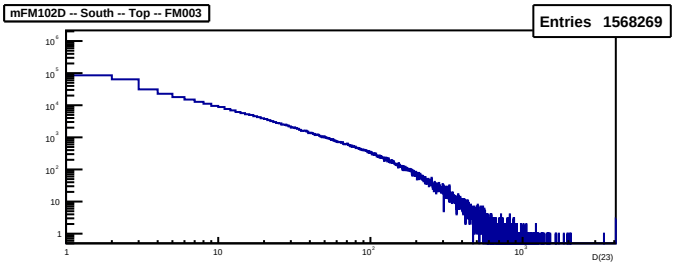
Entries 0
D(23)

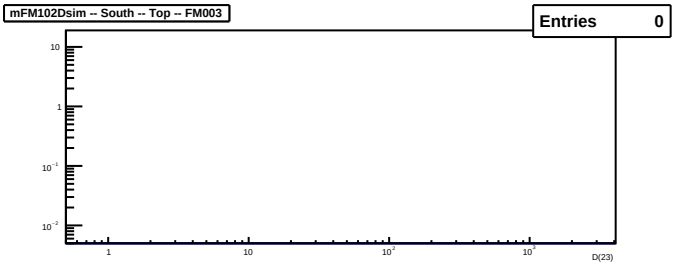

mFM101JP -- South -- Bottom -- FM002
Entries 3136538

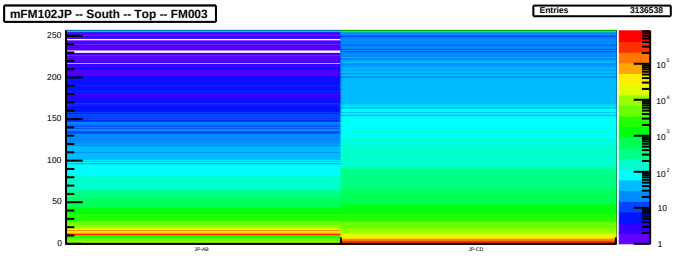

mFM101JPsim -- South -- Bottom -- FM002
Entries 433088


mFM102BS -- North -- Top -- FM003
Entries 6273076

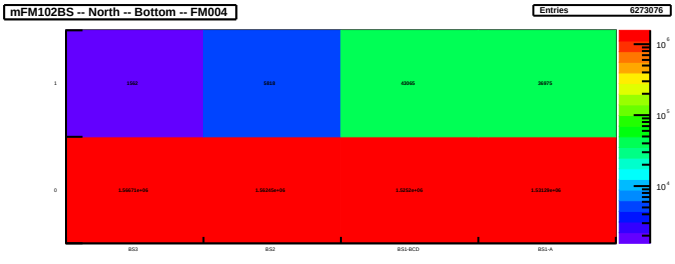

mFM102BSsim -- North -- Top -- FM003
Entries 2670050

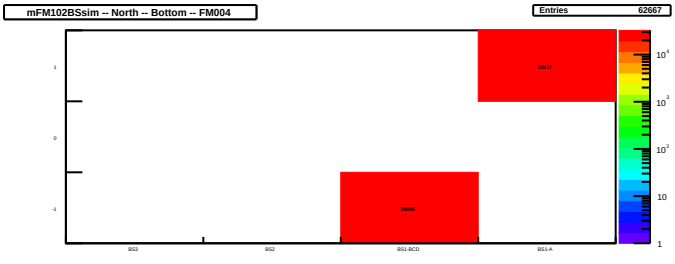

mFM102D -- South -- Top -- FM003
Entries 1568269
D(23)

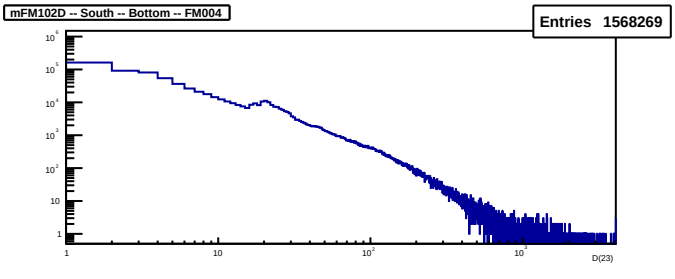

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 3136538

mFM102JPsim -- South -- Top -- FM003
Entries 0


mFM102BS -- North -- Bottom -- FM004
Entries 6273076


mFM102BSsim -- North -- Bottom -- FM004
Entries 62667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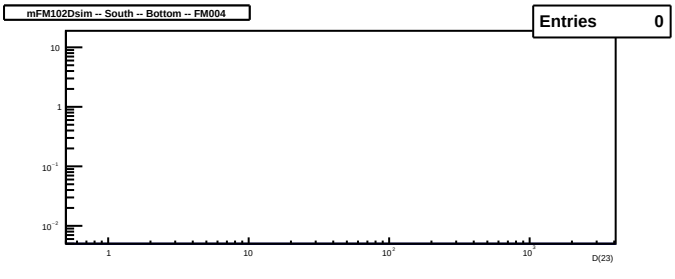
Entries 1568269
D(23)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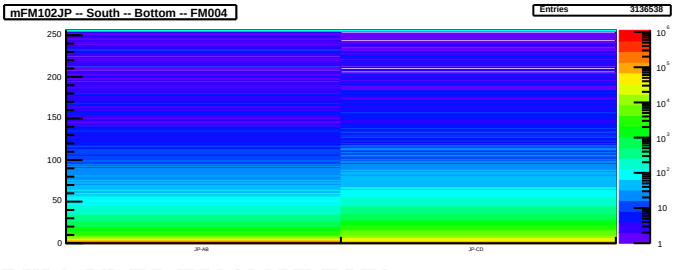
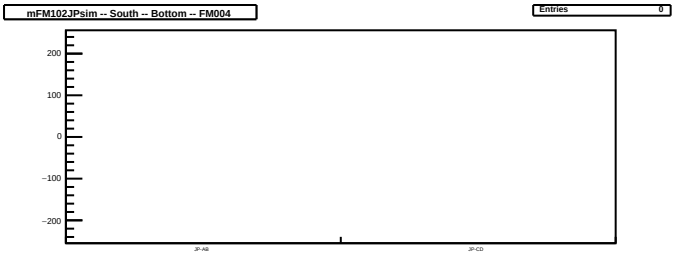
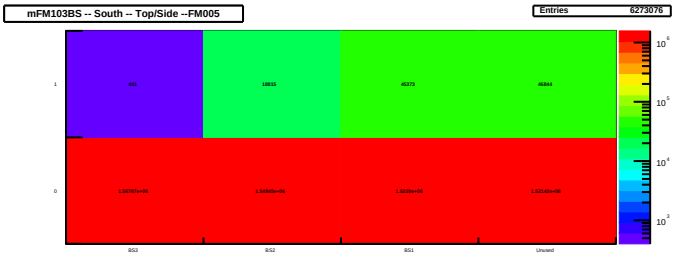
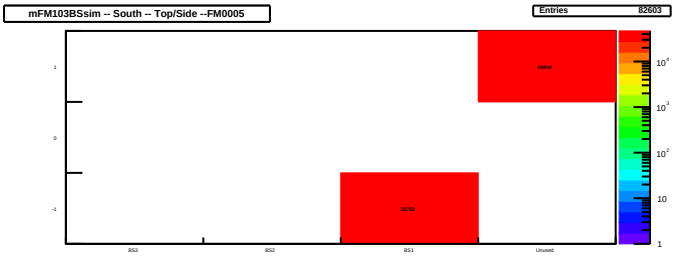
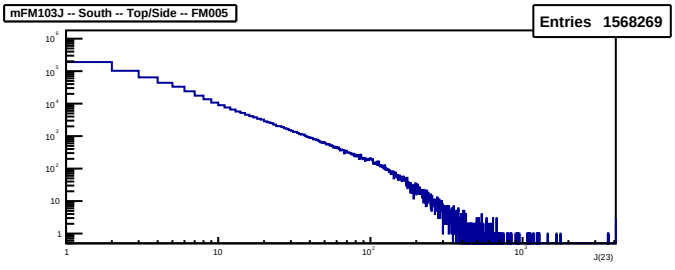
Entries 0
D(23)

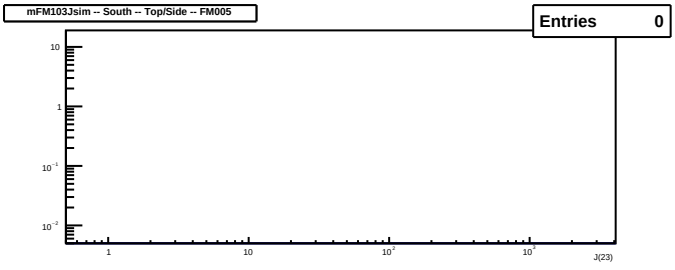

mFM102JP -- South -- Bottom -- FM004
Entries 3136538


mFM102JPsim -- South -- Bottom -- FM004
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 6273076
431
18835
45273
46844
1.56787e+06
1.54945e+06
1.5229e+06
1.52162e+06
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 82603
46844
35759
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 1568269
J(23)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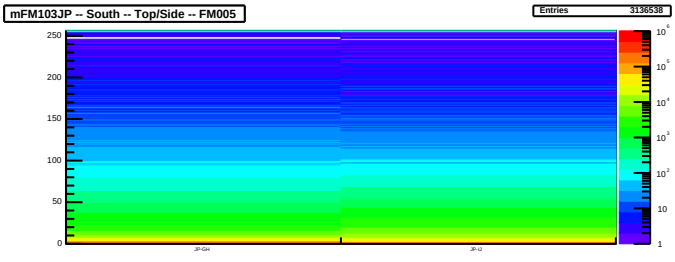
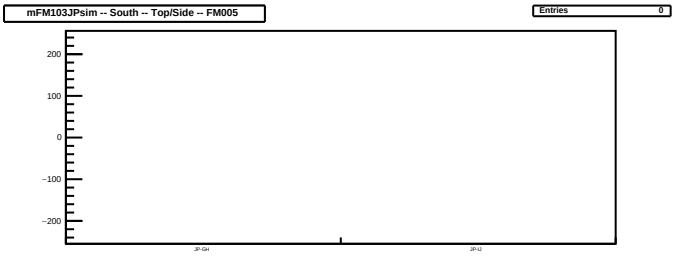
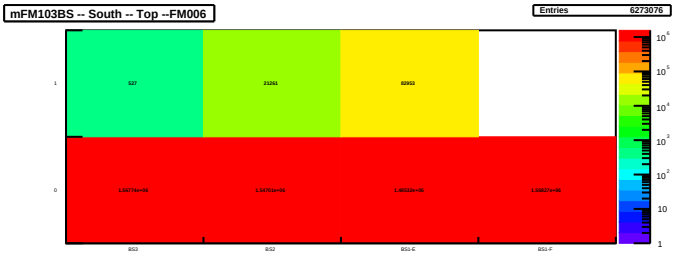
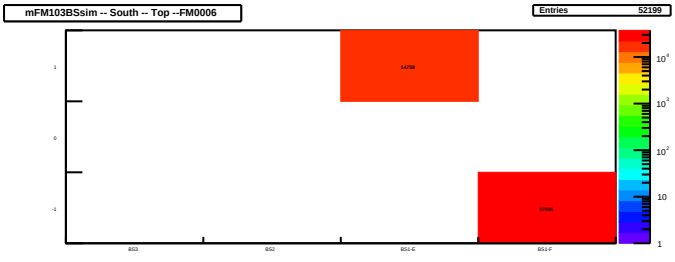
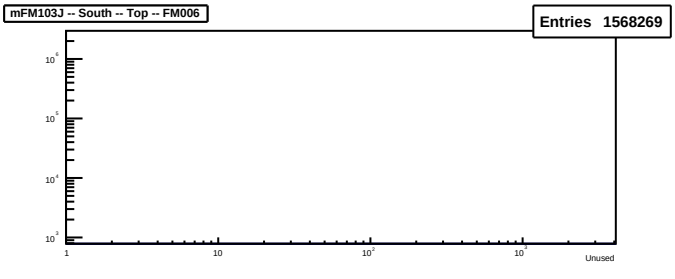
Entries 0
J(23)

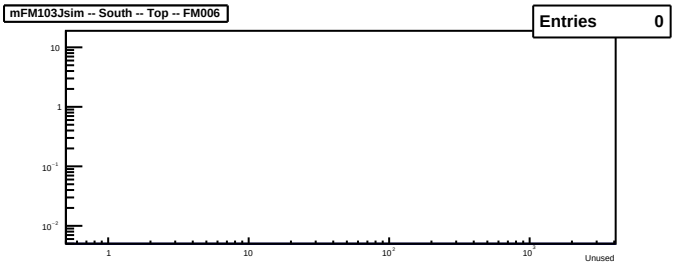

mFM103JP -- South -- Top/Side -- FM005
Entries 3136538
JP-G4
JP-I2


mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-G4
JP-I2


mFM103BS -- South -- Top --FM006
Entries 6273076
527
21261
83953
1.56774e+06
1.54701e+06
1.46533e+06
1.56027e+06
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 52199
14758
37441
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 1568269
Unused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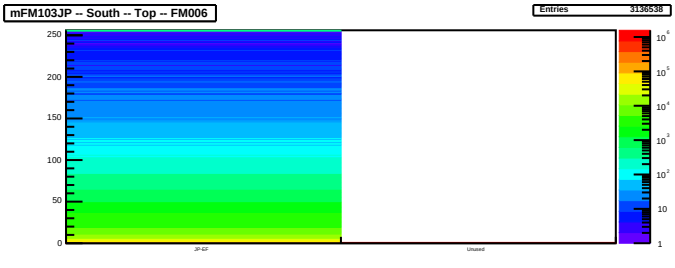
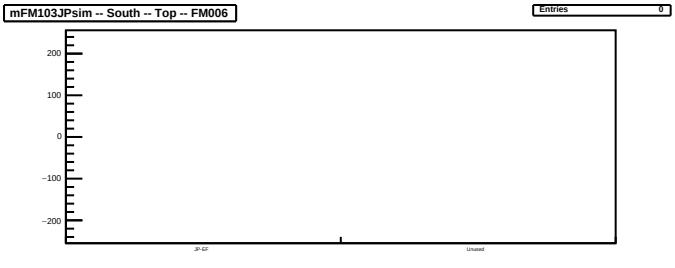
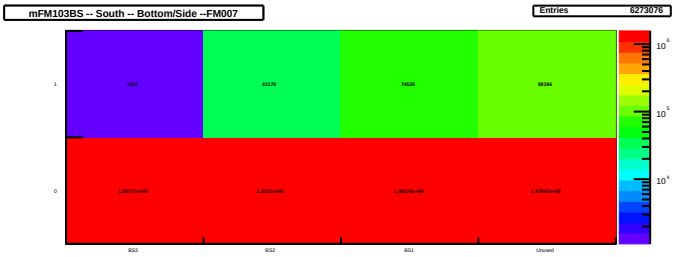
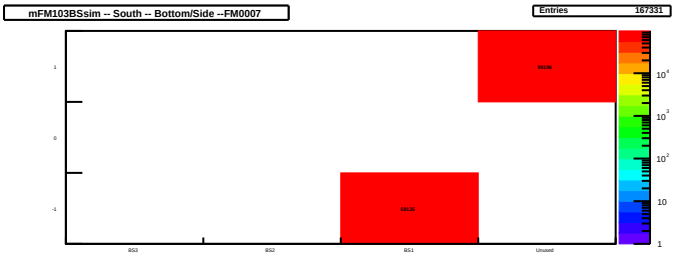
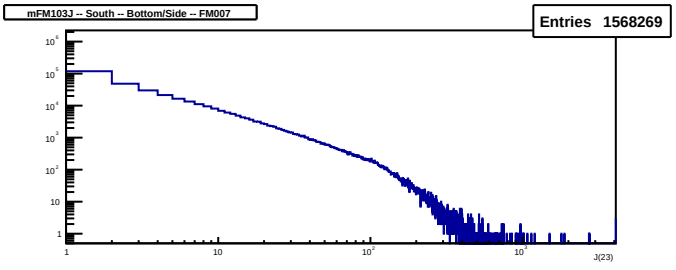
Entries 0
Unused

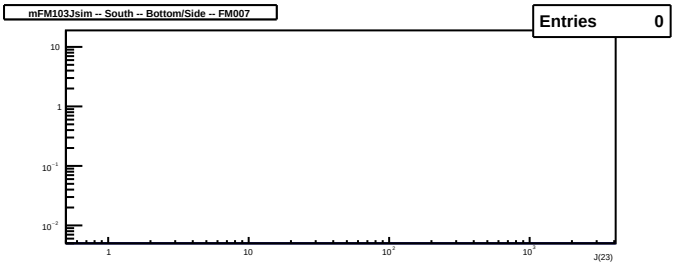

mFM103JP -- South -- Top -- FM006
Entries 3136538
JP-E2
Unused

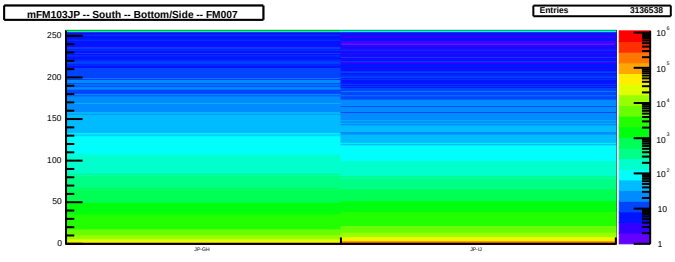

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-E2
Unused

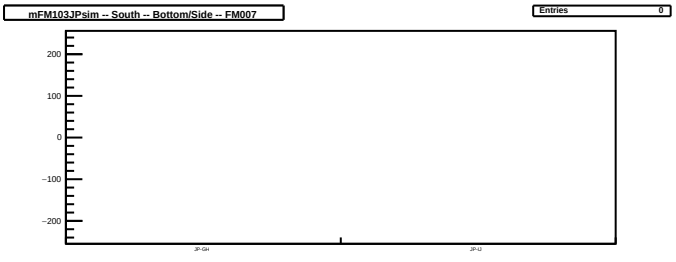

mFM103BS -- South -- Bottom/Side --FM007
Entries 6273076
BS3
BS2
BS1
Unused

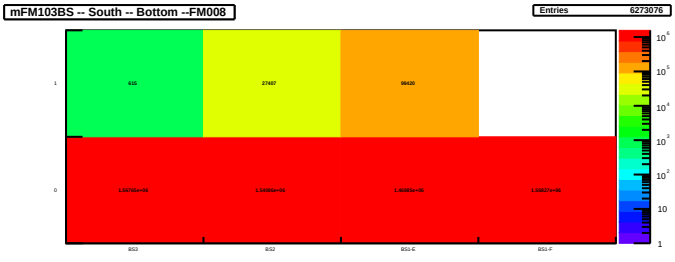

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 167331
BS3
BS2
BS1
Unused

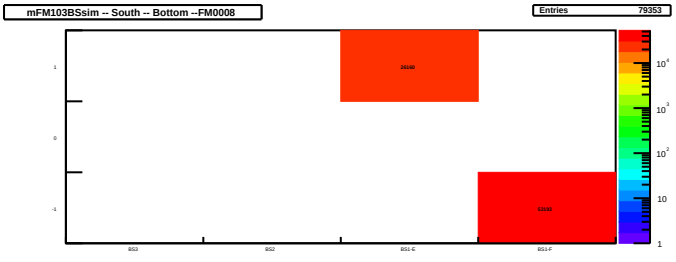

mFM103J -- South -- Bottom/Side -- FM007
Entries 1568269
J(23)

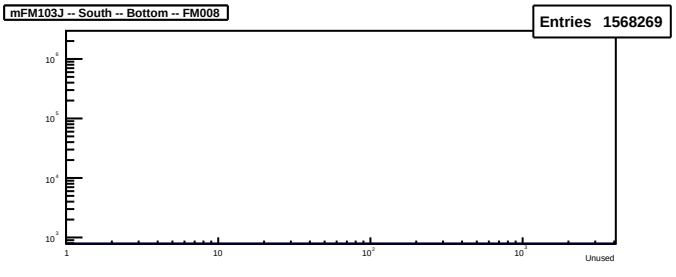

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

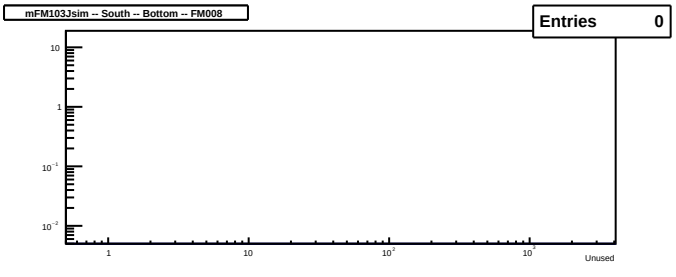

mFM103JP -- South -- Bottom/Side -- FM007
Entries 3136538
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 6273076
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 79353
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 1568269
Unused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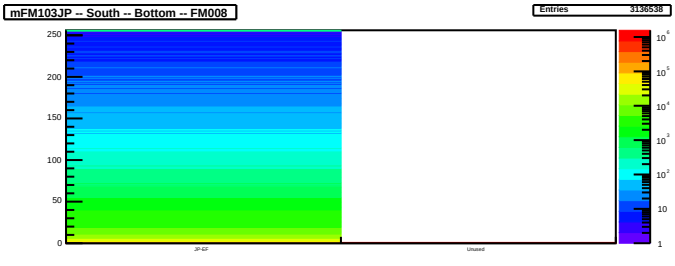
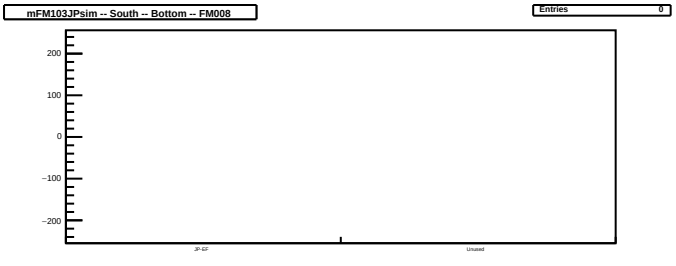
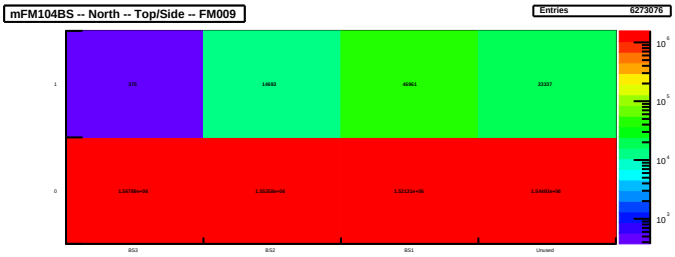
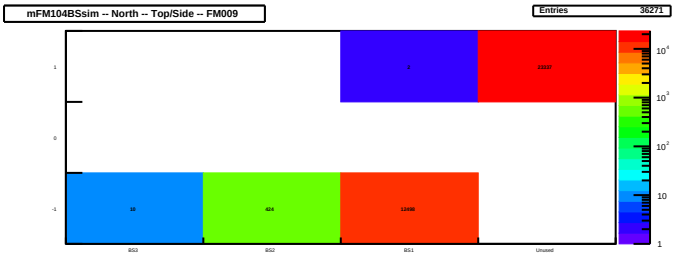
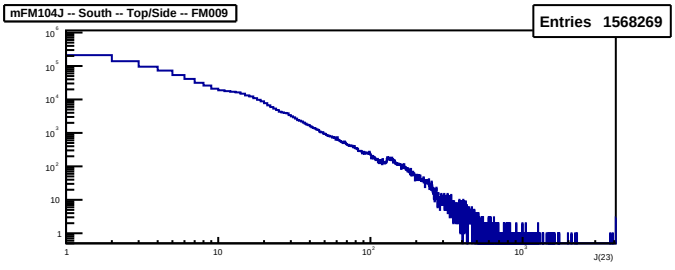
Unused

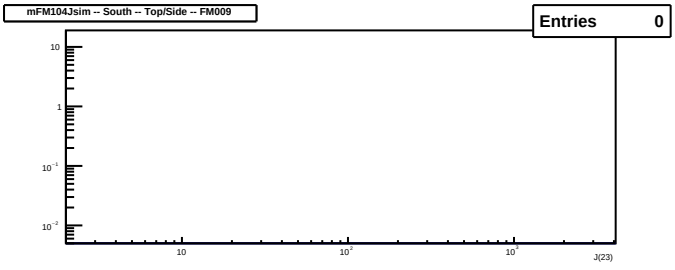

mFM103JP -- South -- Bottom -- FM008
Entries 3136538
JP-EF
Unused

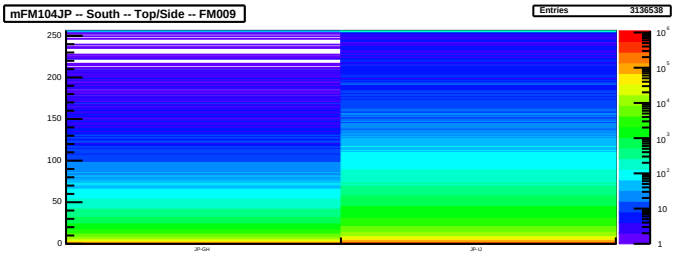

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

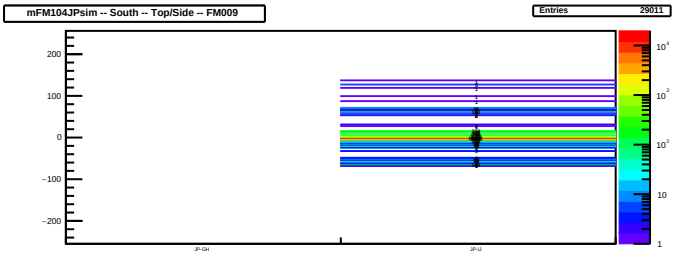

mFM104BS -- North -- Top/Side -- FM009
Entries 6273076

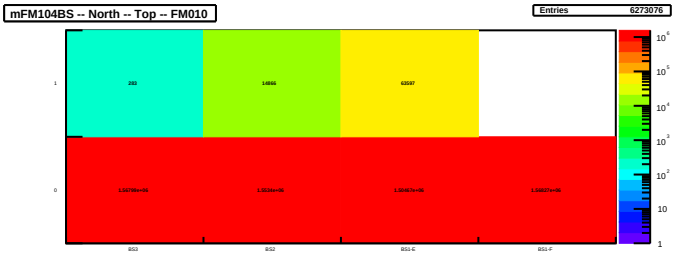

mFM104BSsim -- North -- Top/Side -- FM009
Entries 36271

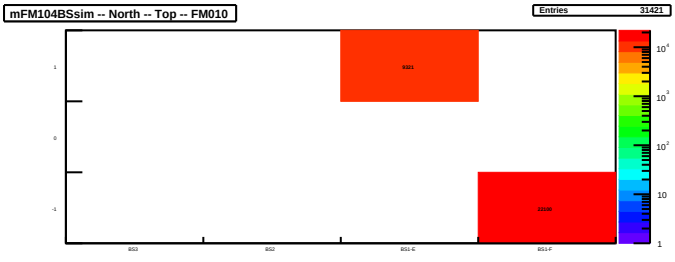

mFM104J -- South -- Top/Side -- FM009
Entries 1568269
J(23)

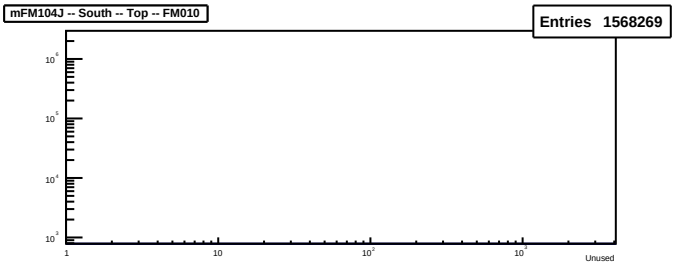

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

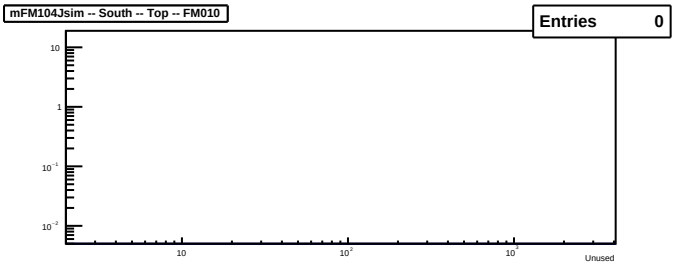

mFM104JP -- South -- Top/Side -- FM009
Entries 3136538

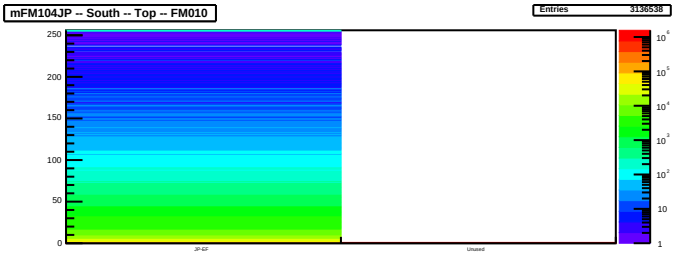

mFM104JPsim -- South -- Top/Side -- FM009
Entries 29011

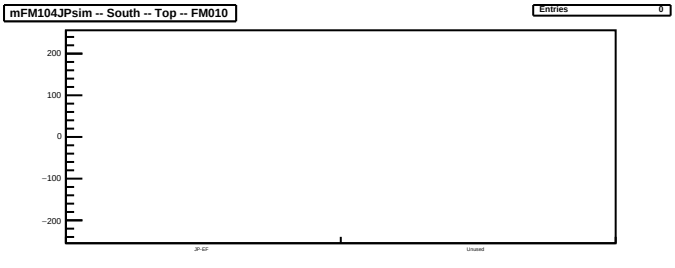

mFM104BS -- North -- Top -- FM010
Entries 6273076

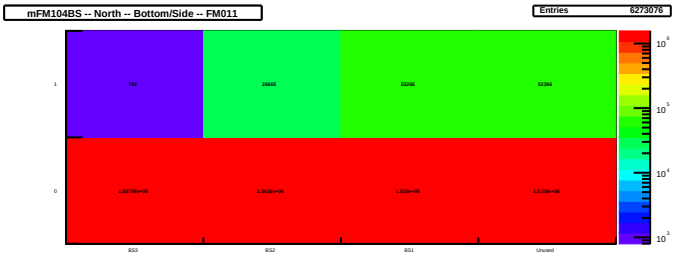

mFM104BSsim -- North -- Top -- FM010
Entries 31421

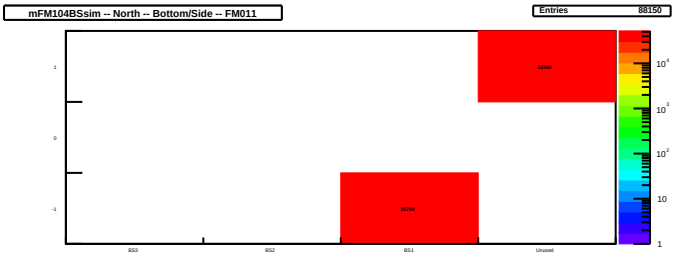

mFM104J -- South -- Top -- FM010
Entries 1568269
Unused

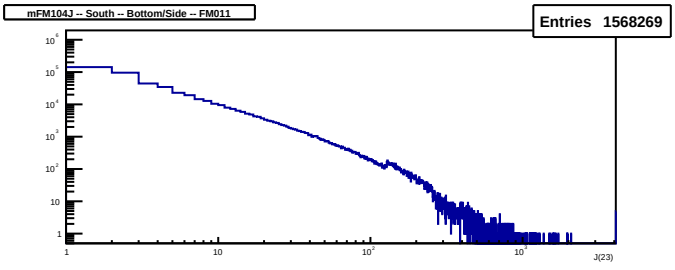

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

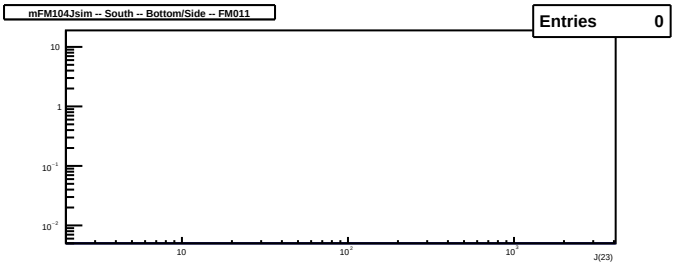

mFM104JP -- South -- Top -- FM010
Entries 3136538

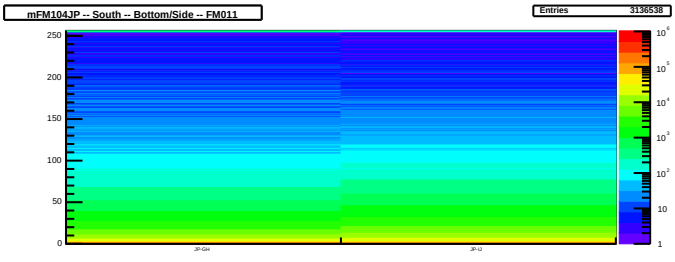

mFM104JPsim -- South -- Top -- FM010
Entries 0

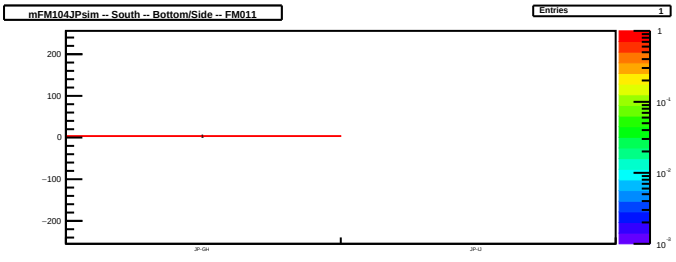

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6273076
BS3
BS2
BS1
Unused

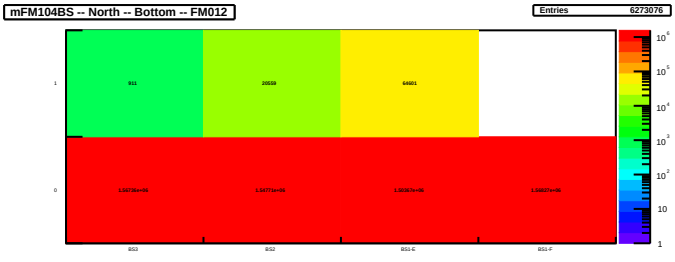

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 88150
BS3
BS2
BS1
Unused

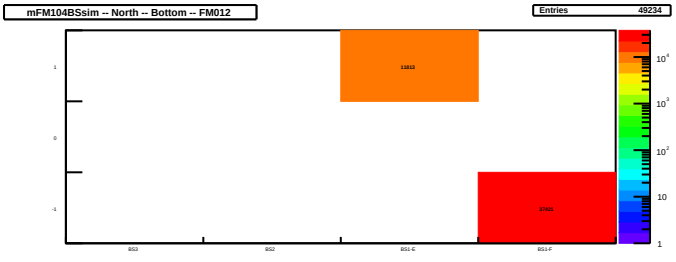

mFM104J -- South -- Bottom/Side -- FM011
Entries 1568269
J(23)

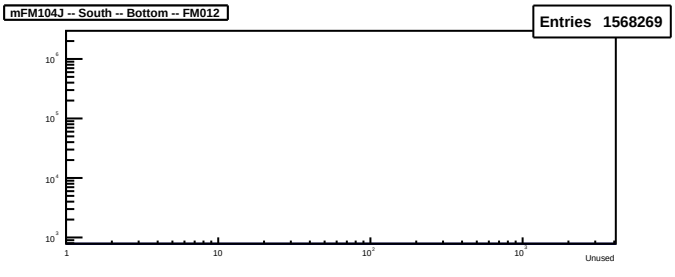

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

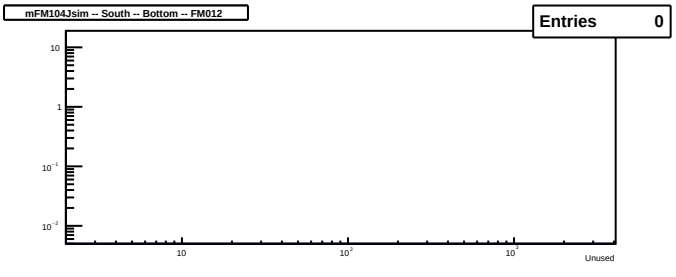

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3136538
JP-GH
JP-IJ

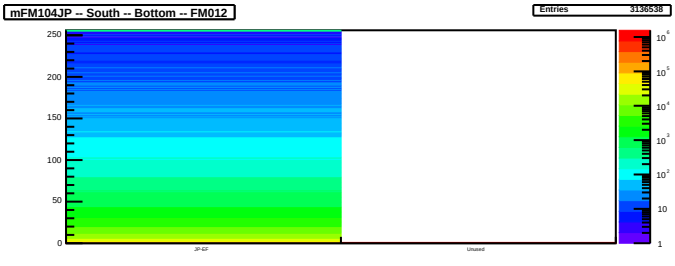

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 6273076
BS3
BS2
BS1-E
BS1-F

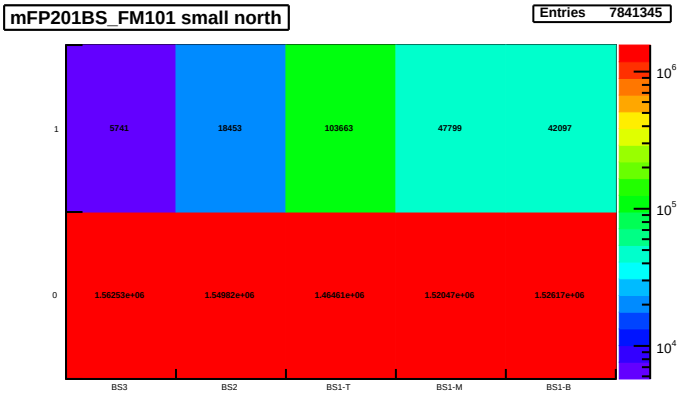

mFM104BSsim -- North -- Bottom -- FM012
Entries 49234
BS3
BS2
BS1-E
BS1-F

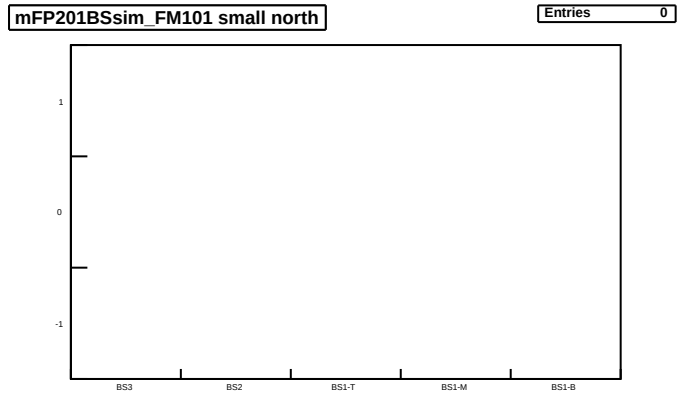

mFM104J -- South -- Bottom -- FM012
Entries 1568269
Unused

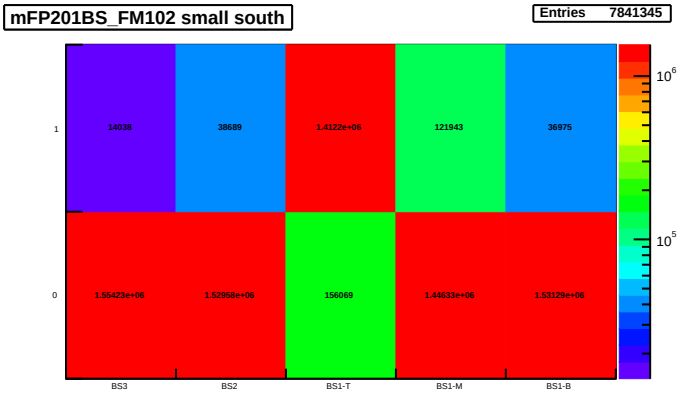

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

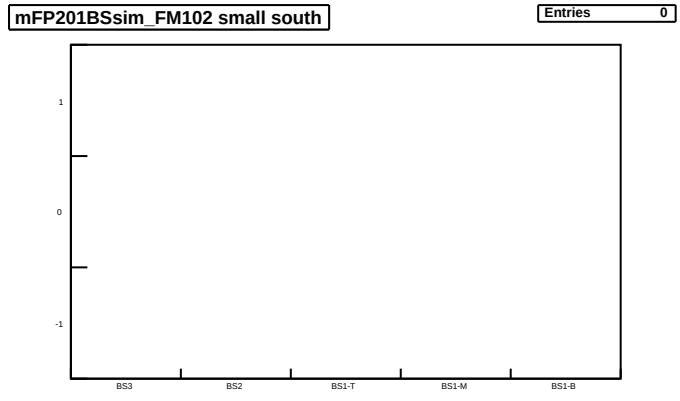

mFM104JP -- South -- Bottom -- FM012
Entries 3136538
JP-EF
Unused

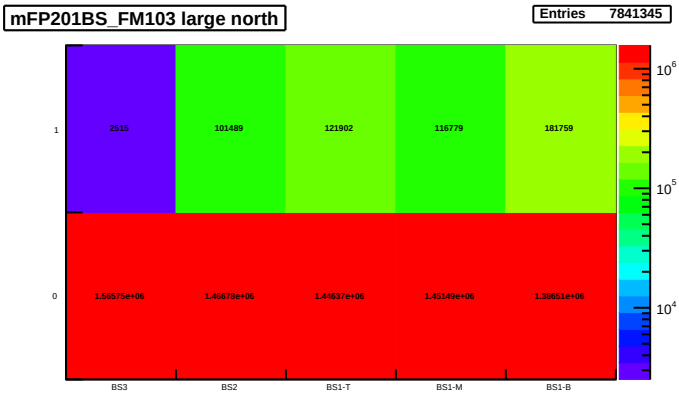
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

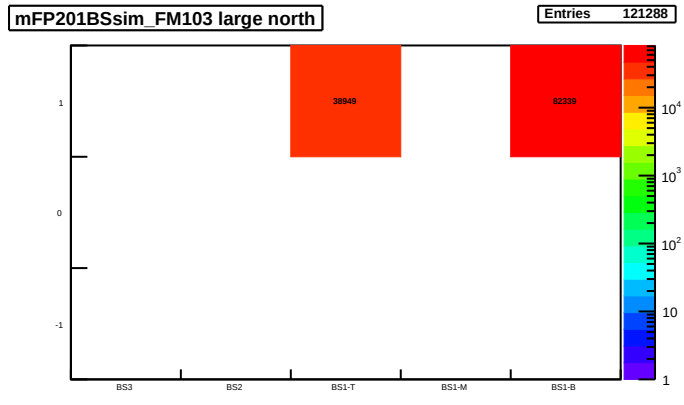

mFP201BS_FM101 small north
Entries 7841345
5741
18453
103663
47799
42097
1.56253e+06
1.54982e+06
1.46461e+06
1.52047e+06
1.52617e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

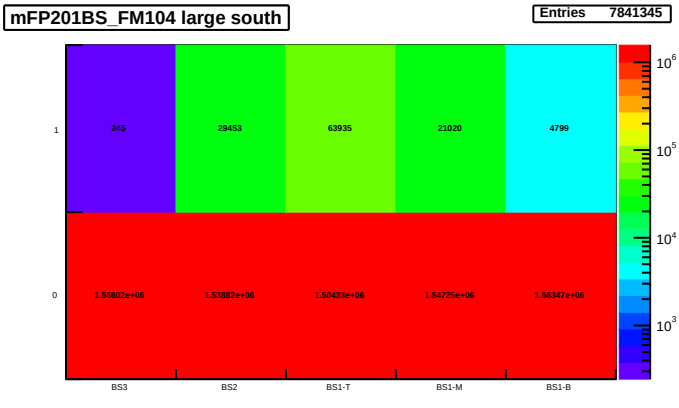

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

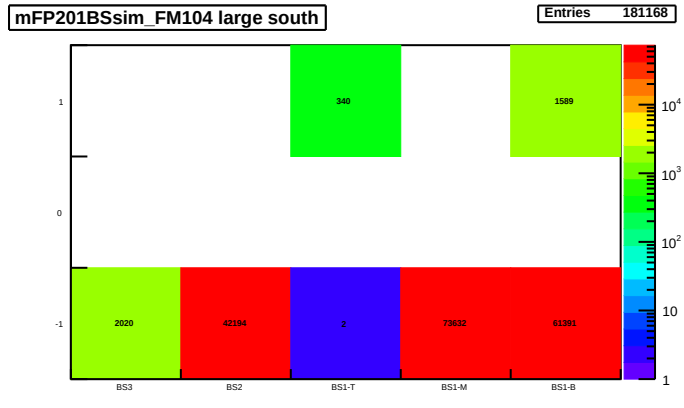

mFP201BS_FM102 small south
Entries 7841345
14038
38689
1.4122e+06
121943
36975
1.55423e+06
1.52958e+06
156069
1.44633e+06
1.53129e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

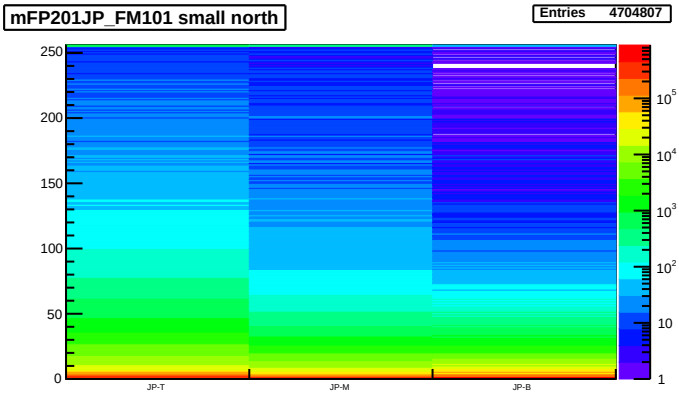

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

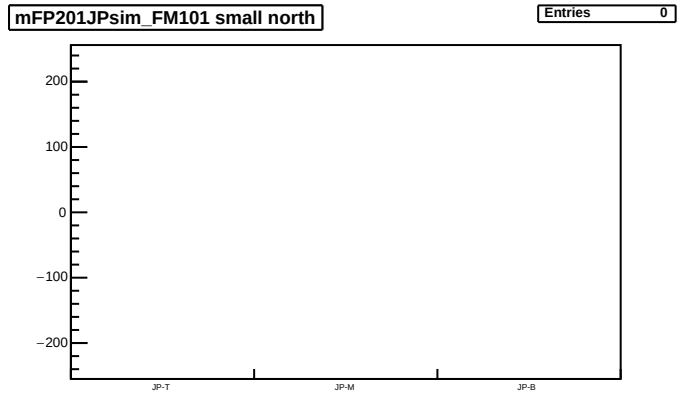

mFP201BS_FM103 large north
Entries 7841345
2515
101489
121902
116779
181759
1.56575e+06
1.46678e+06
1.44637e+06
1.45149e+06
1.38651e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

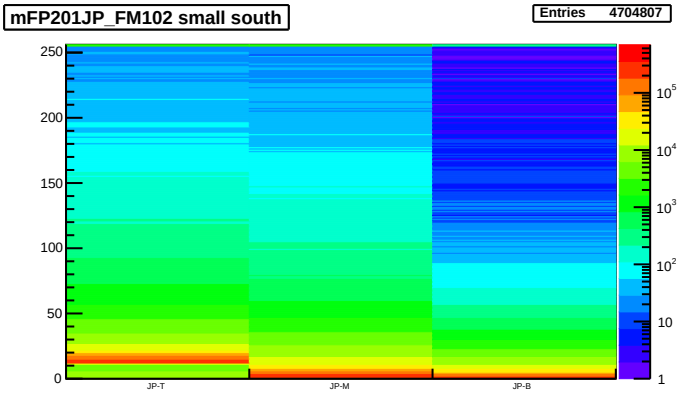

mFP201BSsim_FM103 large north
Entries 121288
38949
82339
BS3
BS2
BS1-T
BS1-M
BS1-B

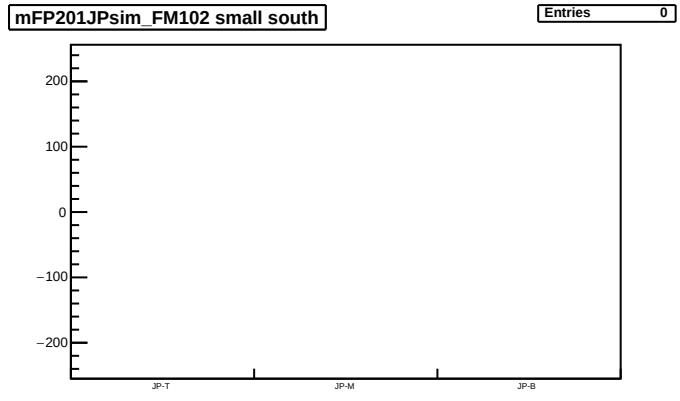

mFP201BS_FM104 large south
Entries 7841345
245
29453
63935
21020
4799
1.56802e+06
1.53882e+06
1.50433e+06
1.54725e+06
1.56347e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

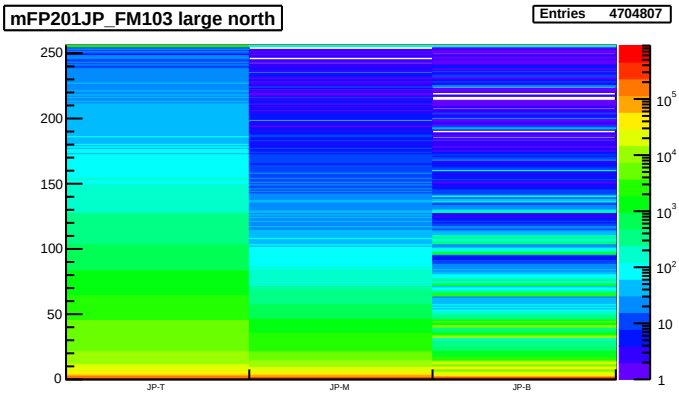

mFP201BSsim_FM104 large south
Entries 181168
340
1589
2020
42194
2
73632
61391
BS3
BS2
BS1-T
BS1-M
BS1-B

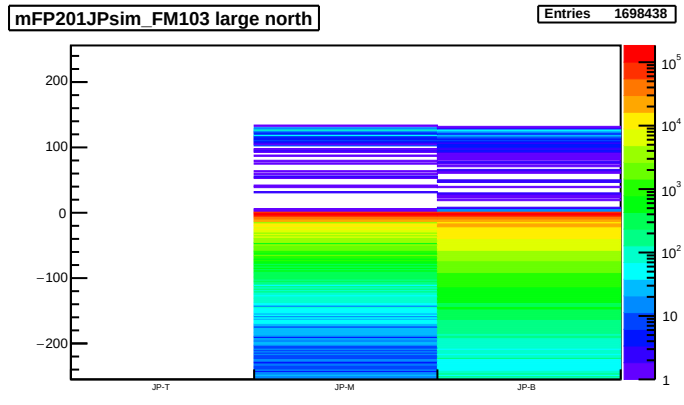

mFP201JP_FM101 small north
Entries 4704807
JP-T
JP-M
JP-B

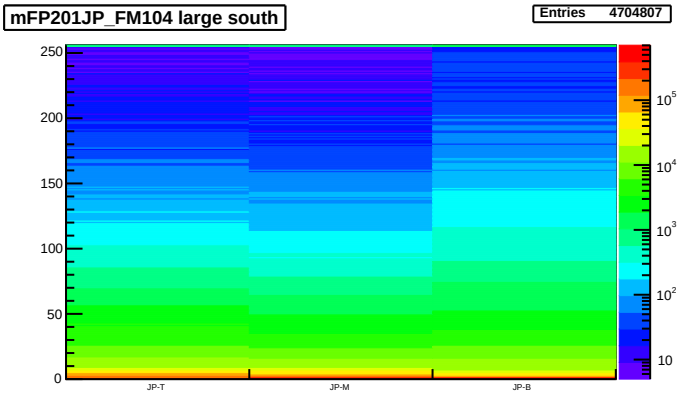

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

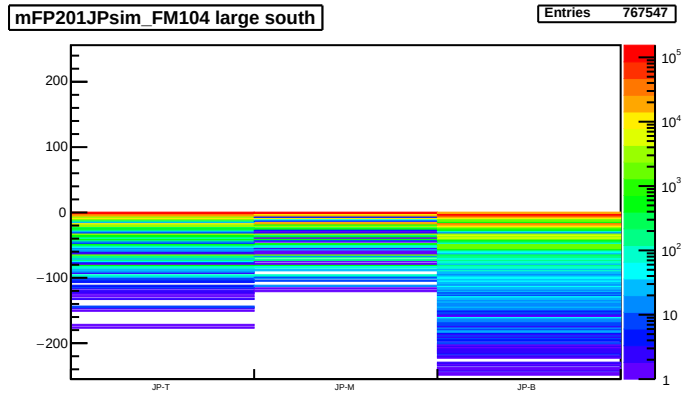

mFP201JP_FM102 small south
Entries 4704807
JP-T
JP-M
JP-B

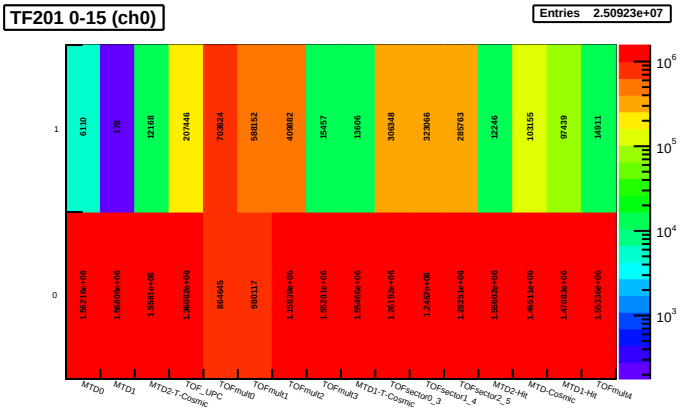

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

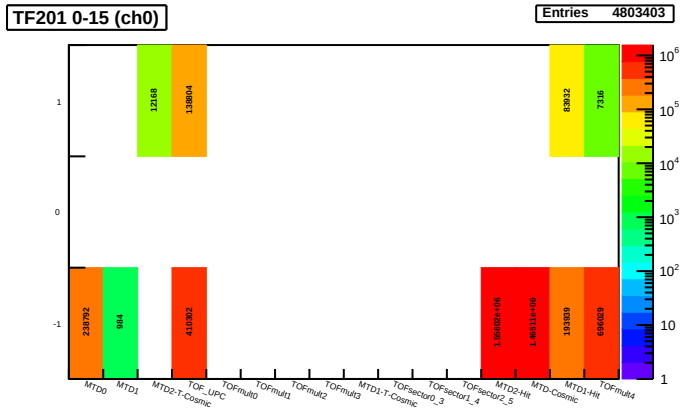

mFP201JP_FM103 large north
Entries 4704807
JP-T
JP-M
JP-B

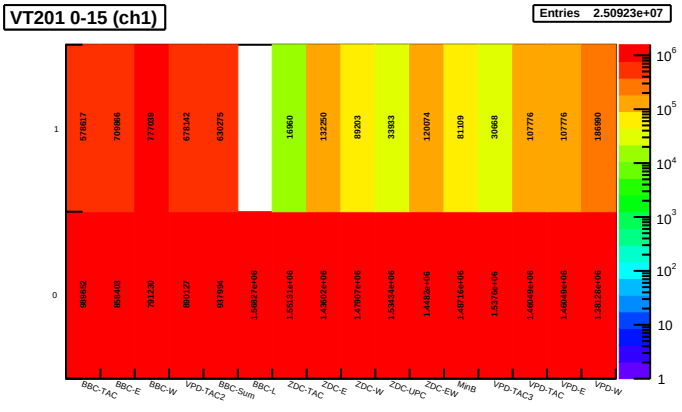

mFP201JPsim_FM103 large north
Entries 1698438
JP-T
JP-M
JP-B

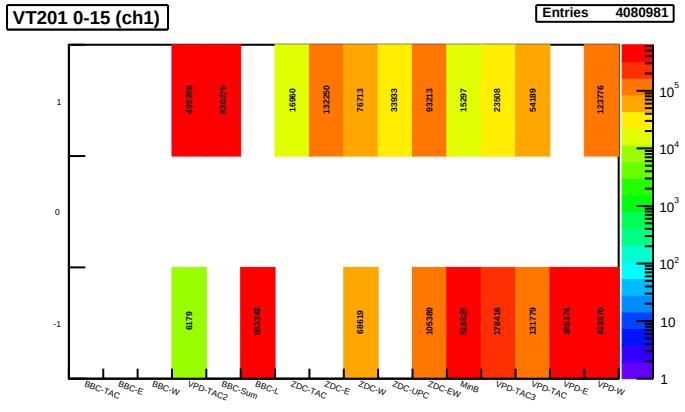

mFP201JP_FM104 large south
Entries 4704807
JP-T
JP-M
JP-B

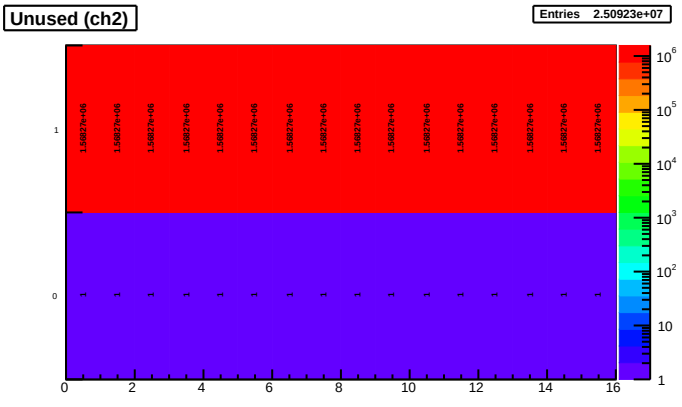

mFP201JPsim_FM104 large south
Entries 767547
JP-T
JP-M
JP-B

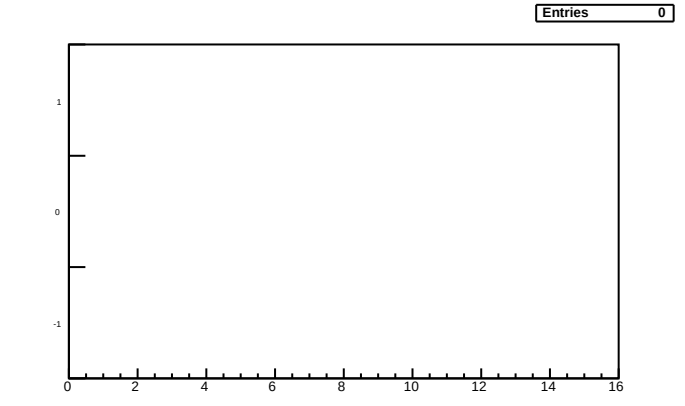

TF201 0-15 (ch0)
Entries 2.50923e+07
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

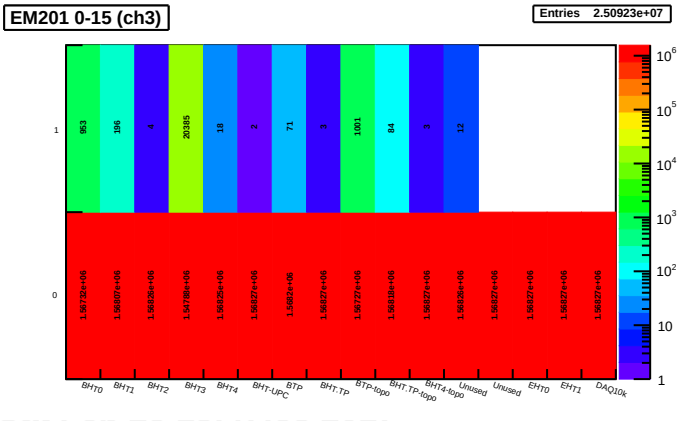

TF201 0-15 (ch0)
Entries 4803403
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

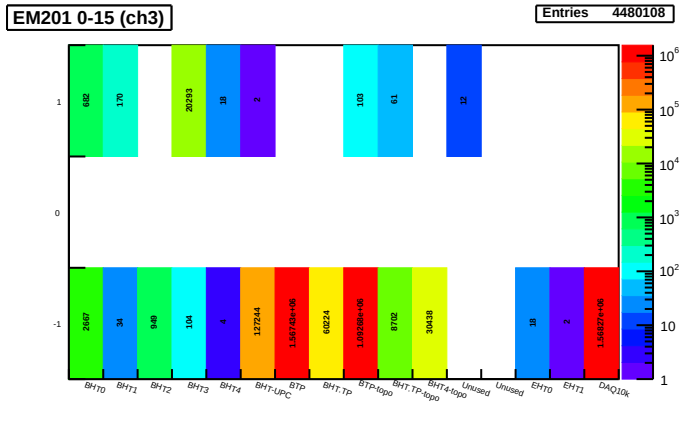

VT201 0-15 (ch1)
Entries 2.50923e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

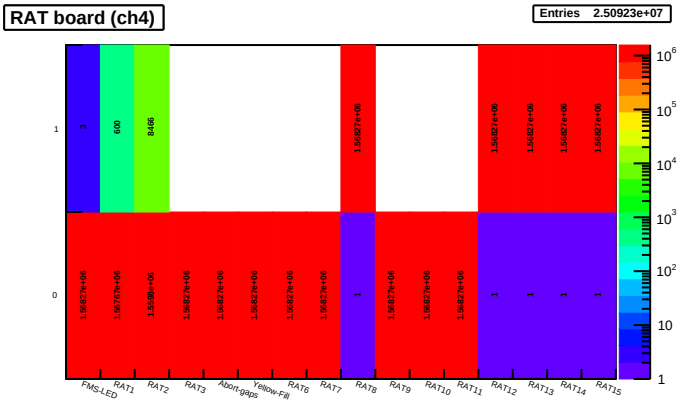

VT201 0-15 (ch1)
Entries 4080981
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

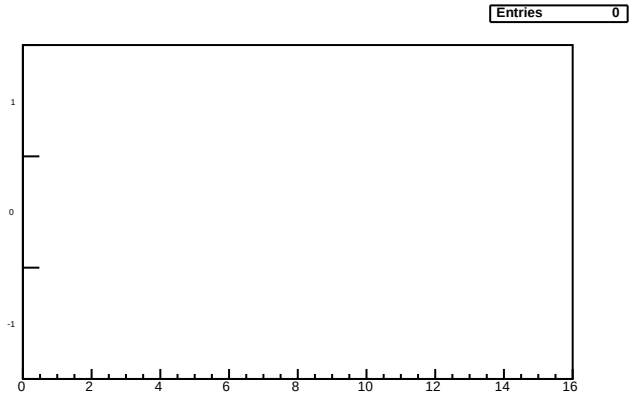

Unused (ch2)
Entries 2.50923e+07

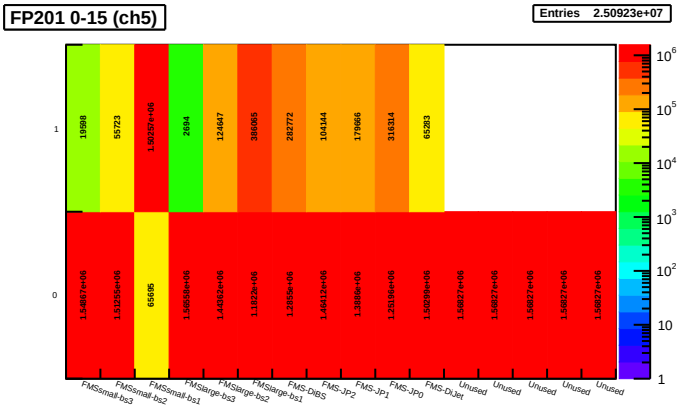

Entries 0


EM201 0-15 (ch3)
Entries 2.50923e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


EM201 0-15 (ch3)
Entries 4480108
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 2.50923e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0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FMSsmall-bs1
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FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
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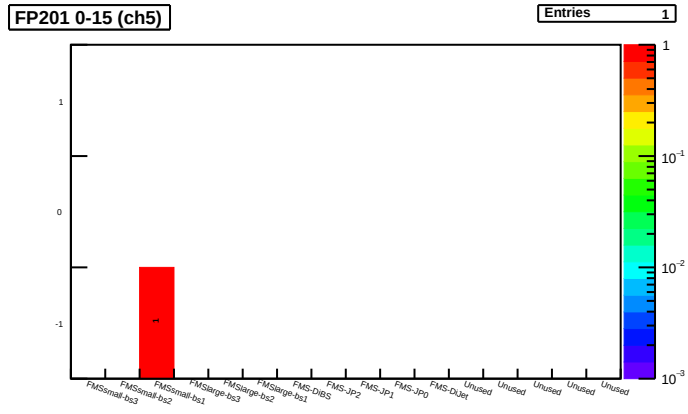
FP201 0-15 (ch5)
Entries 1
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FMSsmall-bs2
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FMS-JP1
FMS-JP0
FMS-Dijet
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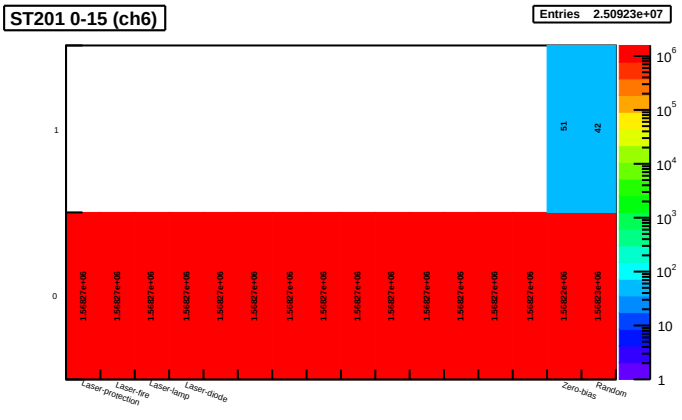
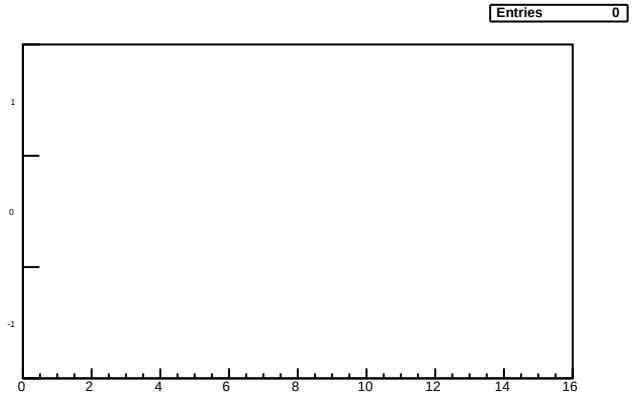

ST201 0-15 (ch6)
Entries 2.50923e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random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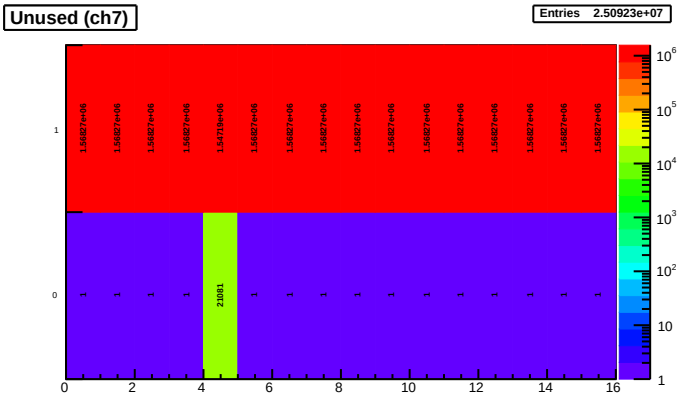
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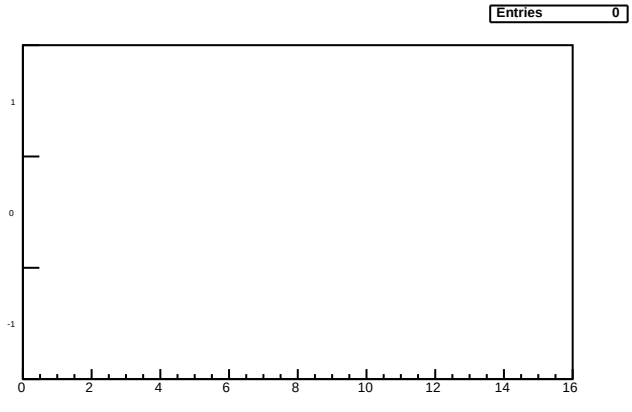
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