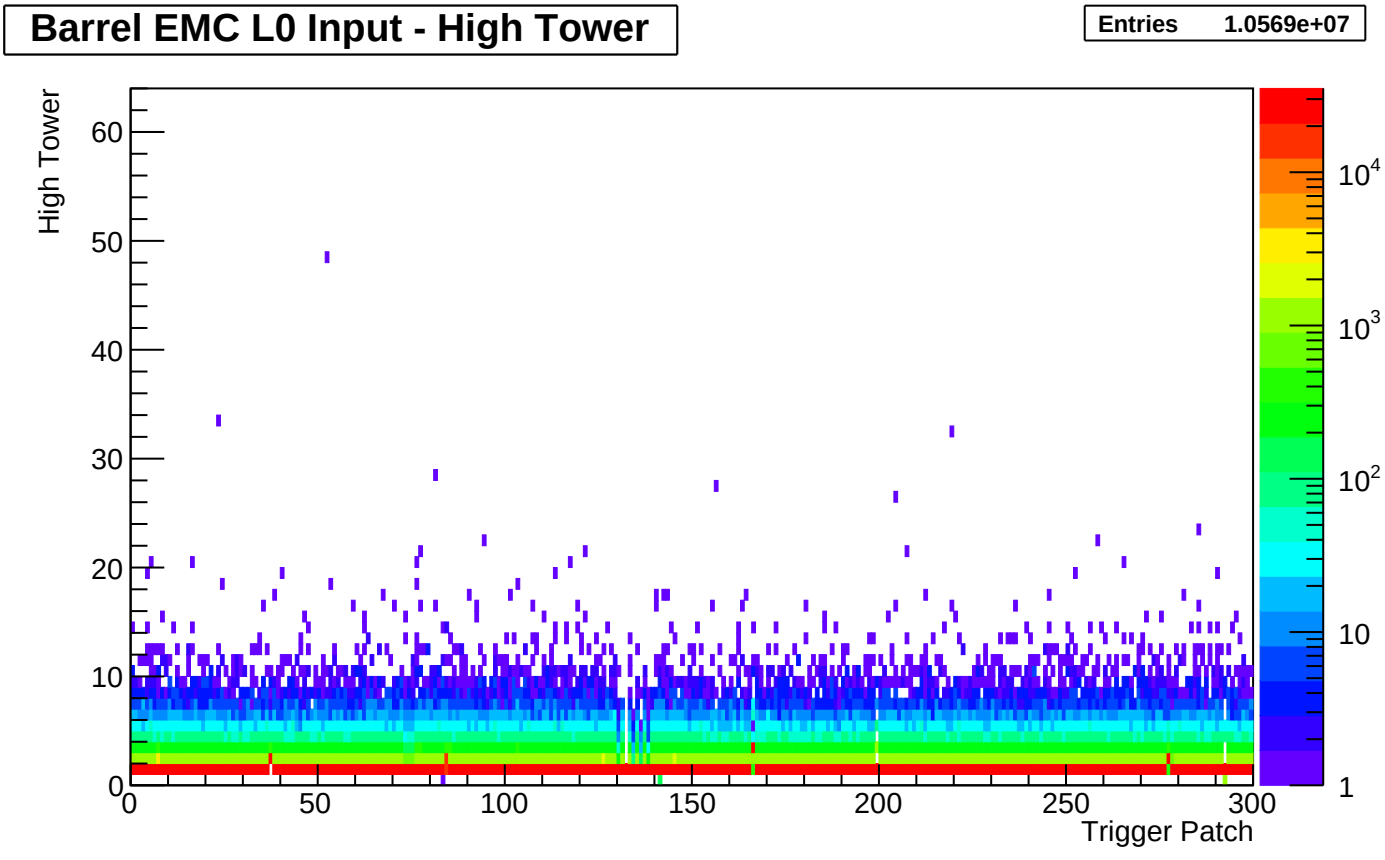
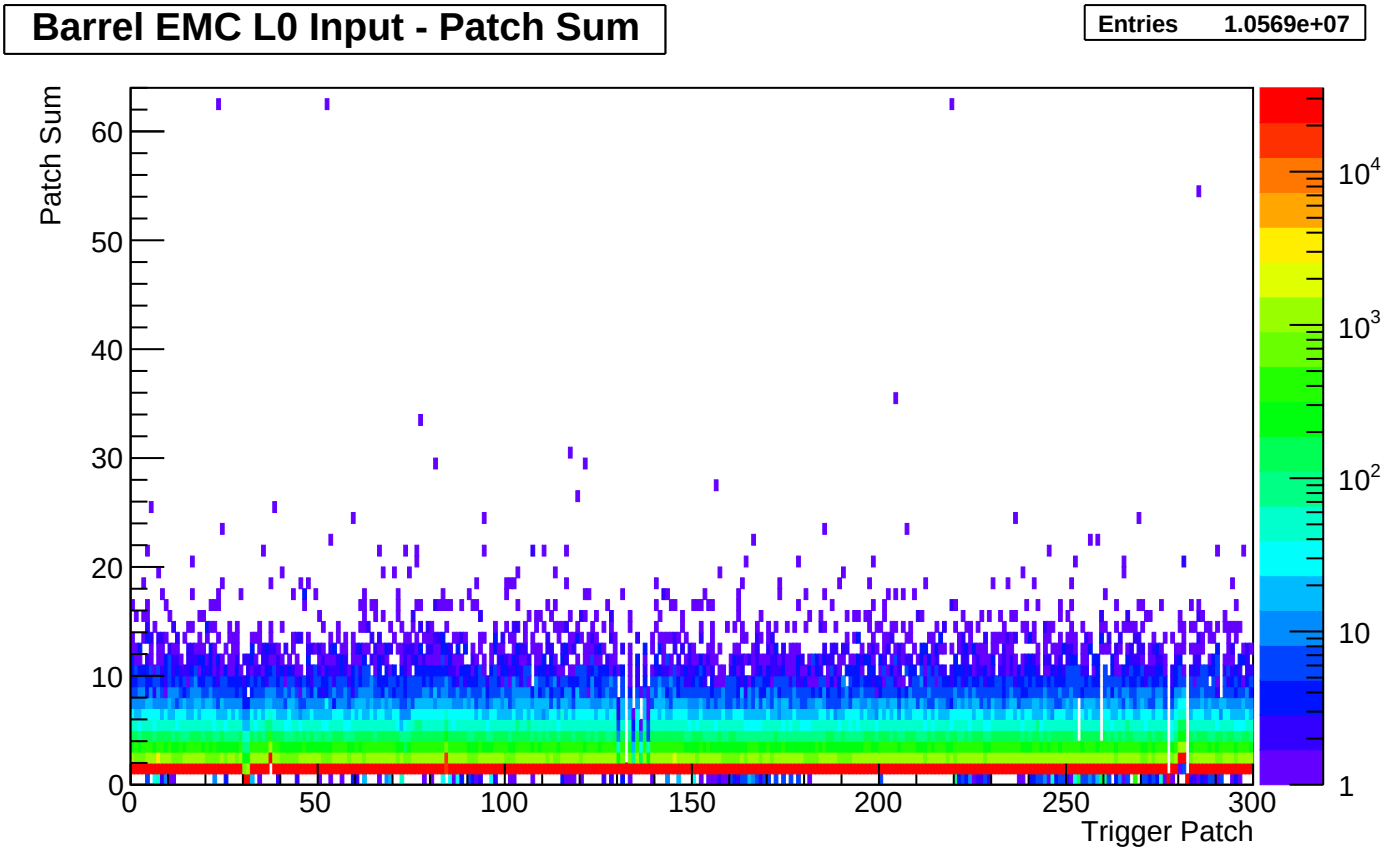
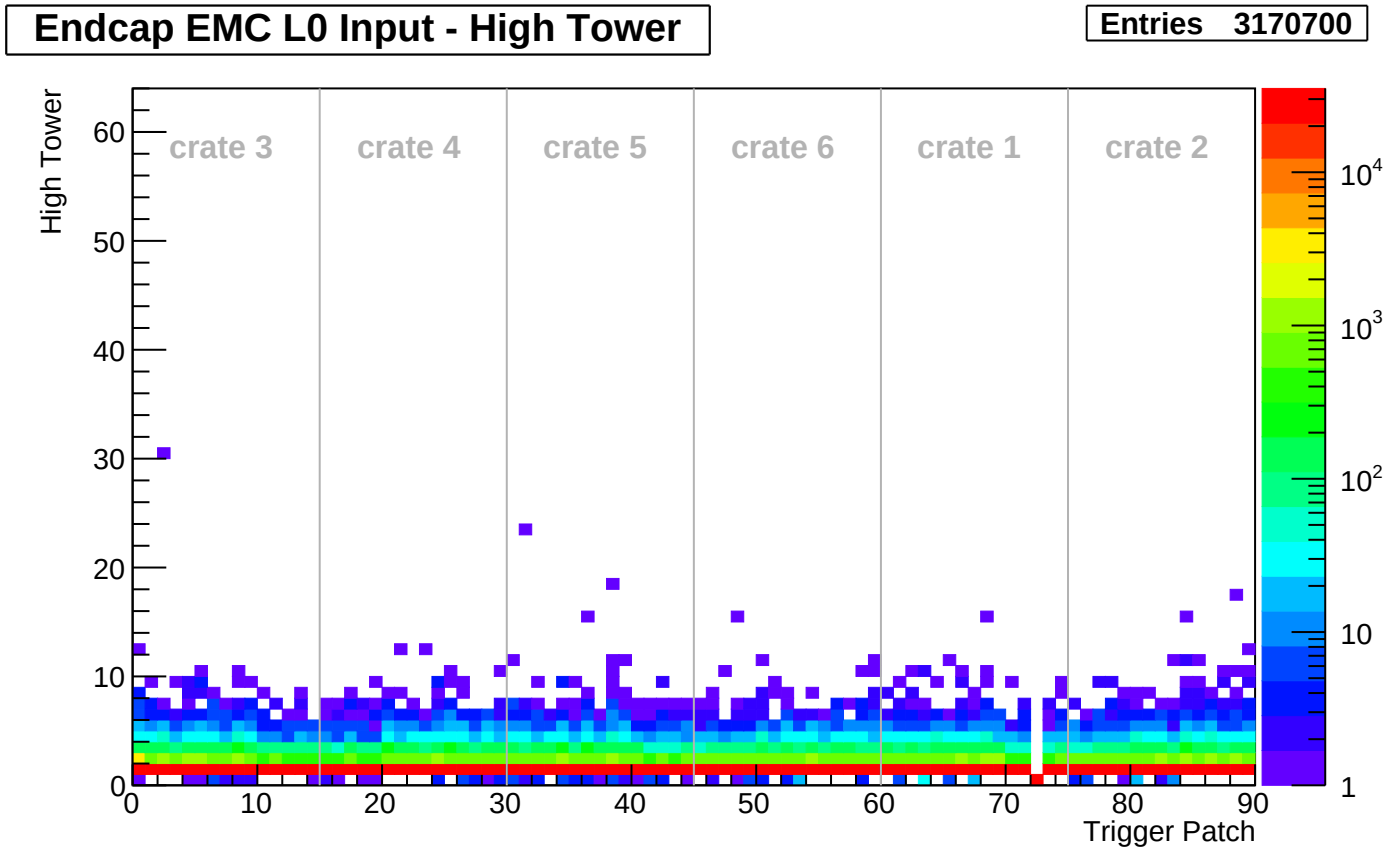
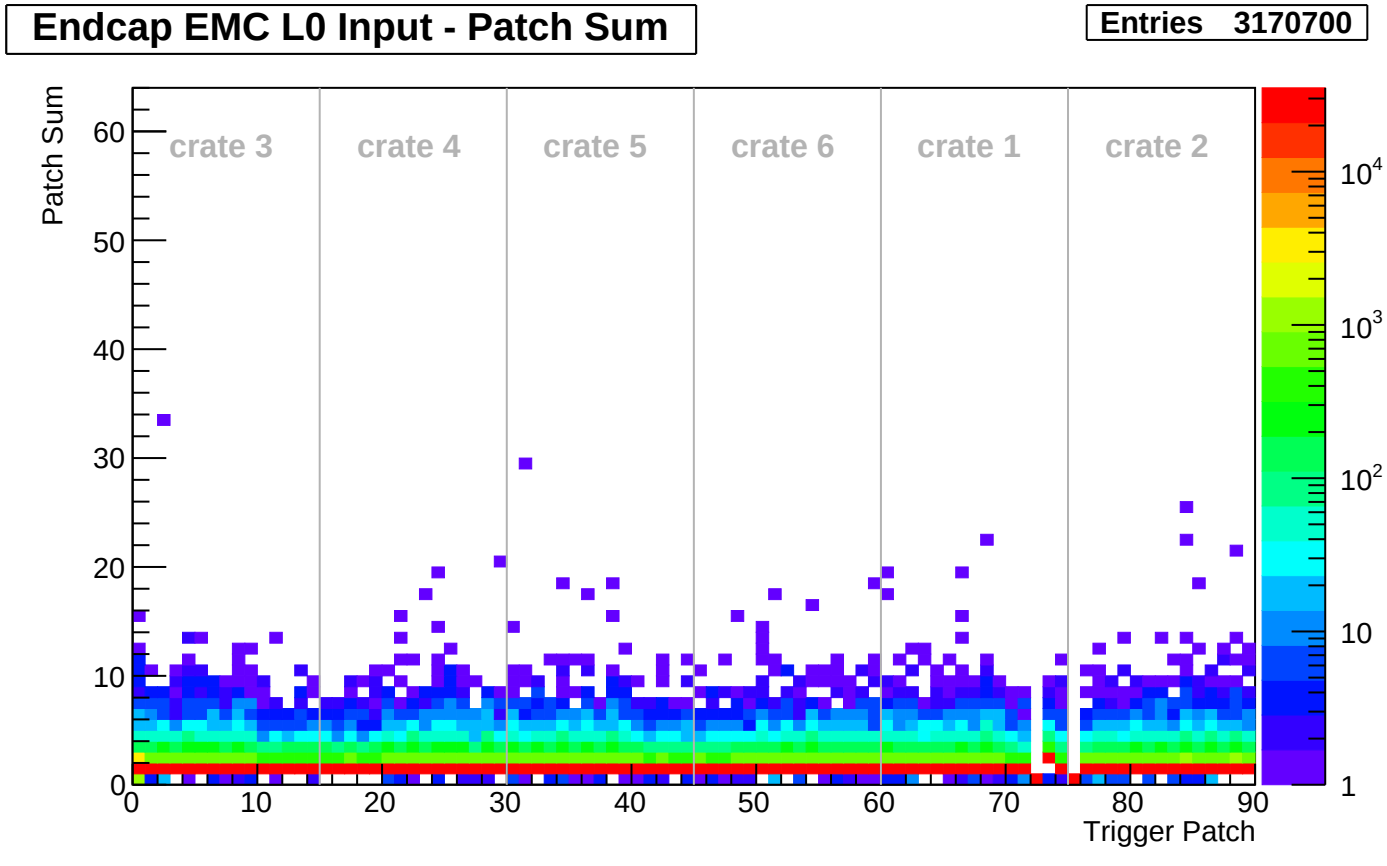
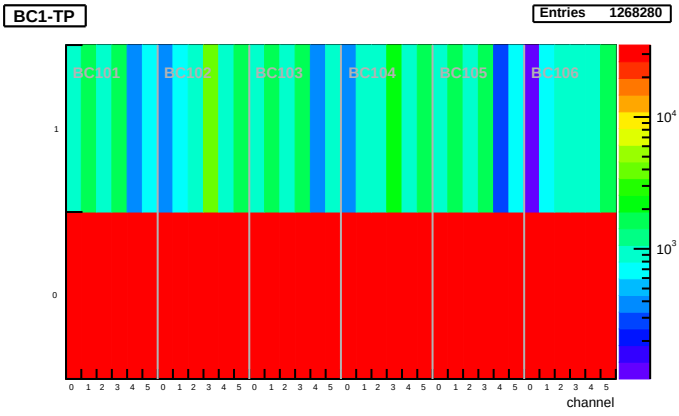
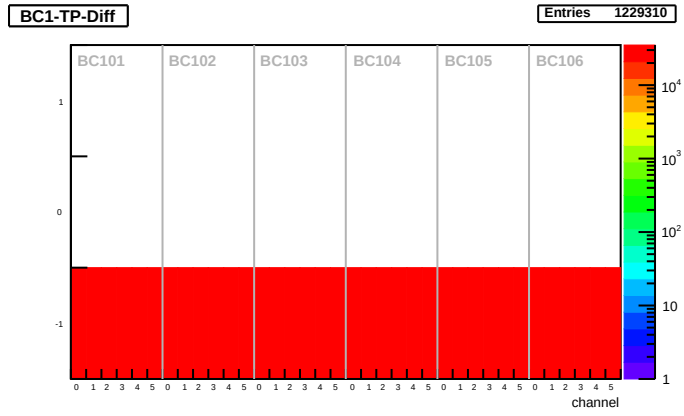

Barrel EMC L0 Input - High Tower
Entries 1.0569e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

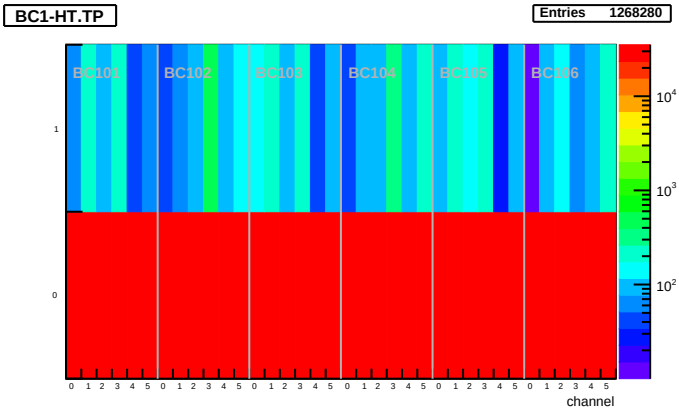

Barrel EMC L0 Input - Patch Sum
Entries 1.0569e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

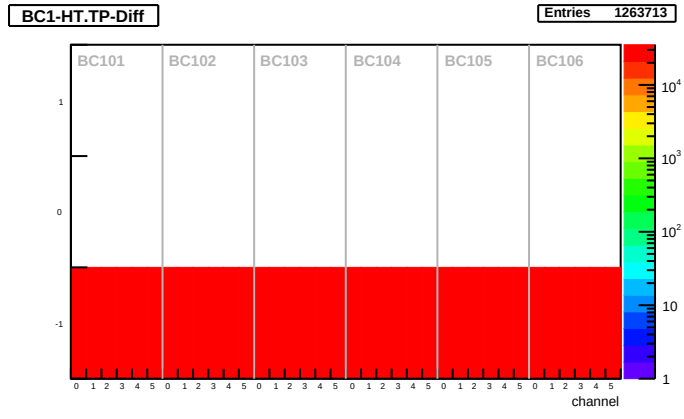

Endcap EMC L0 Input - High Tower
Entries 3170700
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

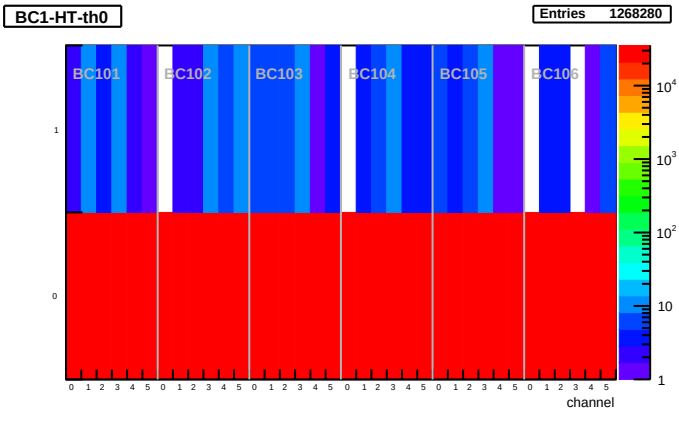

Endcap EMC L0 Input - Patch Sum
Entries 3170700
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

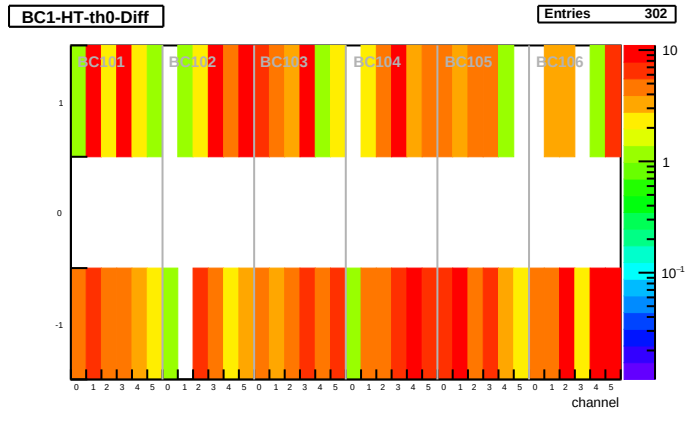

BC1-TP
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

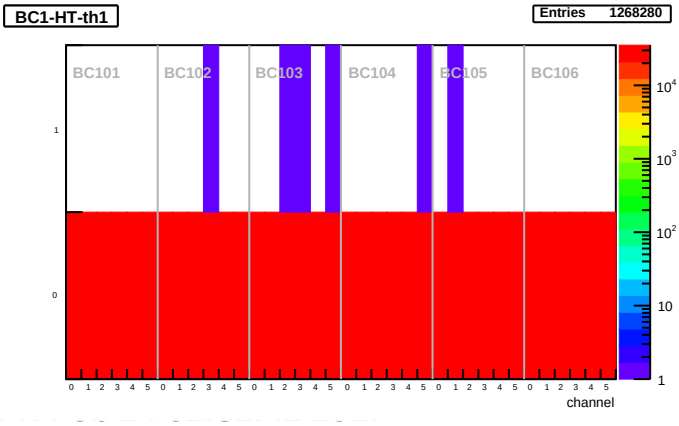

BC1-TP-Diff
Entries 1229310
BC101
BC102
BC103
BC104
BC105
BC106
channel

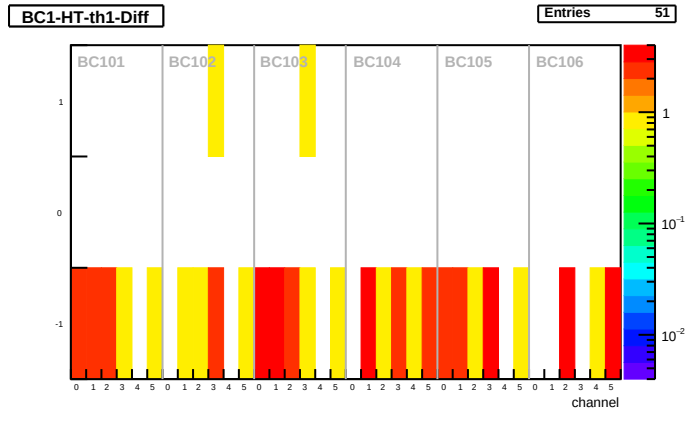

BC1-HT.TP
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

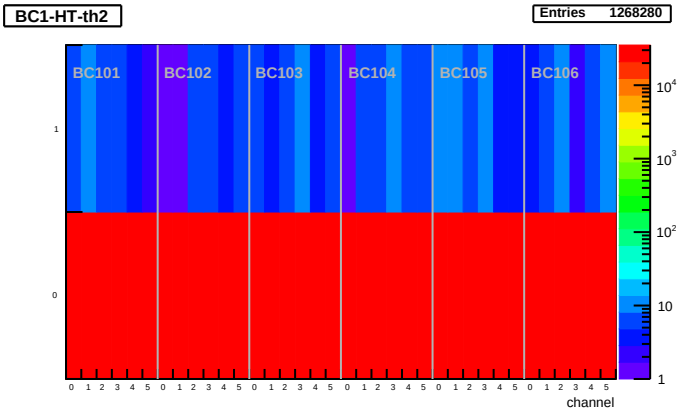

BC1-HT.TP-Diff
Entries 1263713
BC101
BC102
BC103
BC104
BC105
BC106
channel

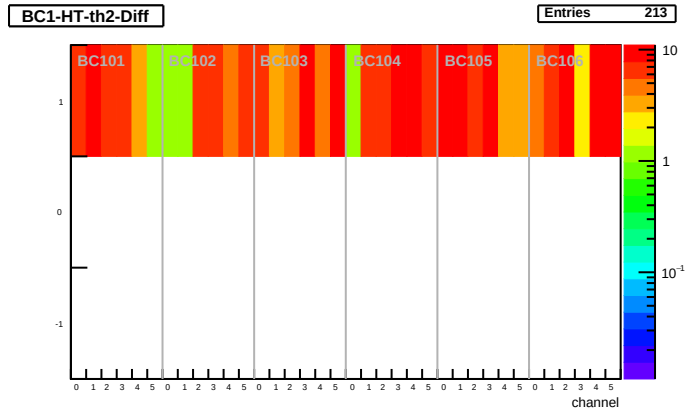

BC1-HT-th0
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

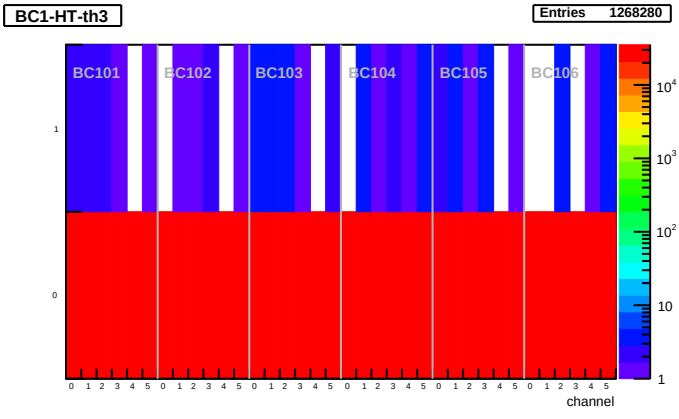

BC1-HT-th0-Diff
Entries 302
BC101
BC102
BC103
BC104
BC105
BC106
channel

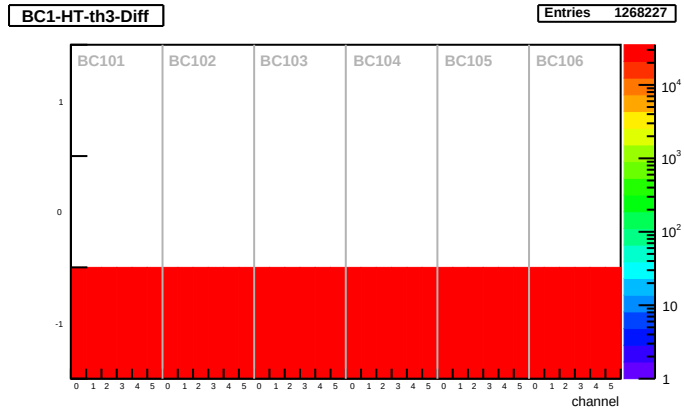

BC1-HT-th1
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

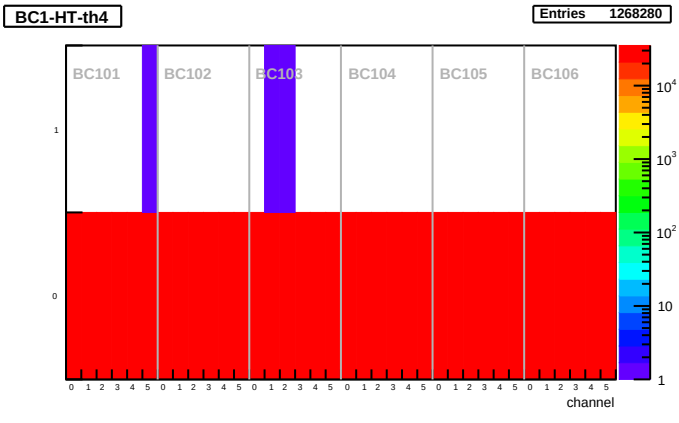

BC1-HT-th1-Diff
Entries 51
BC101
BC102
BC103
BC104
BC105
BC106
channel

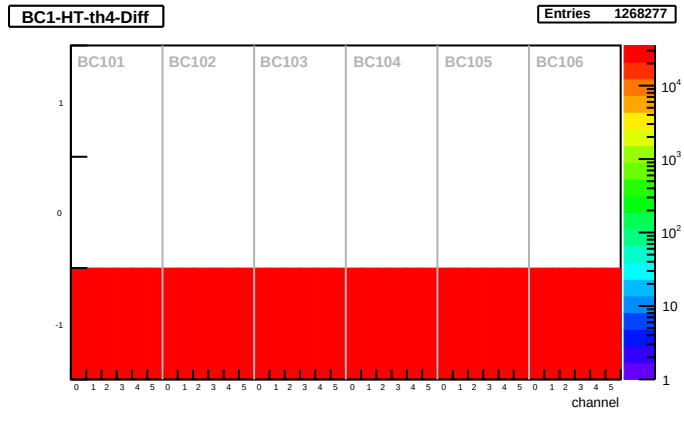

BC1-HT-th2
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

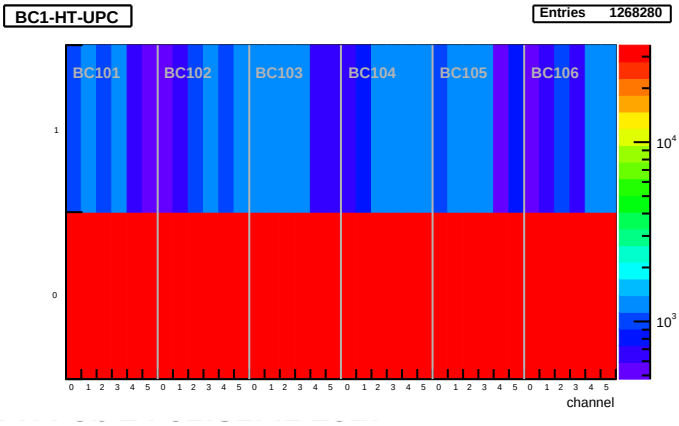

BC1-HT-th2-Diff
Entries 213
BC101
BC102
BC103
BC104
BC105
BC106
channel

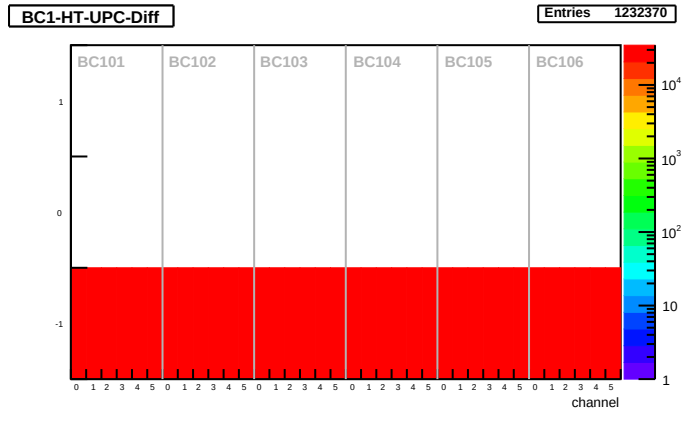

BC1-HT-th3
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

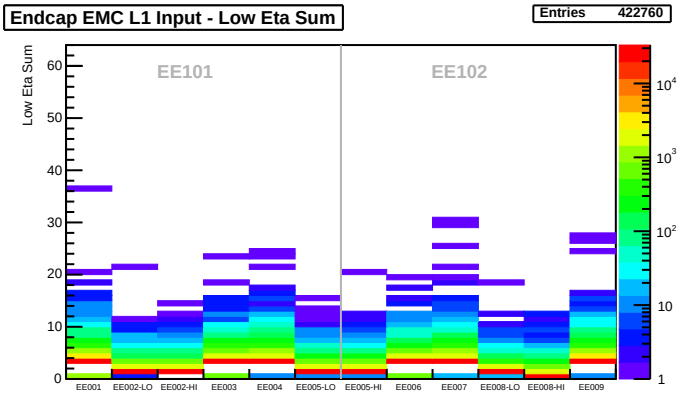

BC1-HT-th3-Diff
Entries 1268227
BC101
BC102
BC103
BC104
BC105
BC106
channel

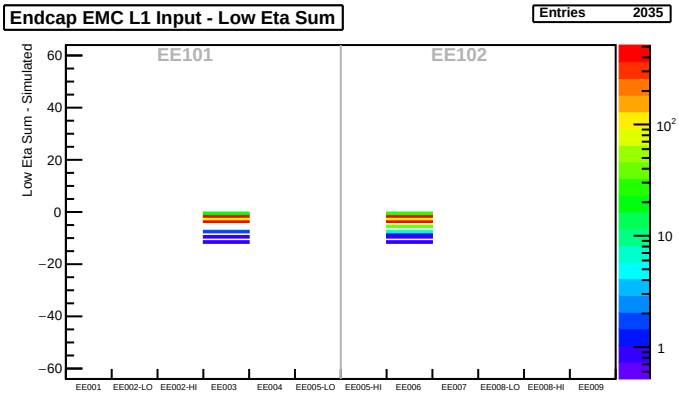

BC1-HT-th4
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

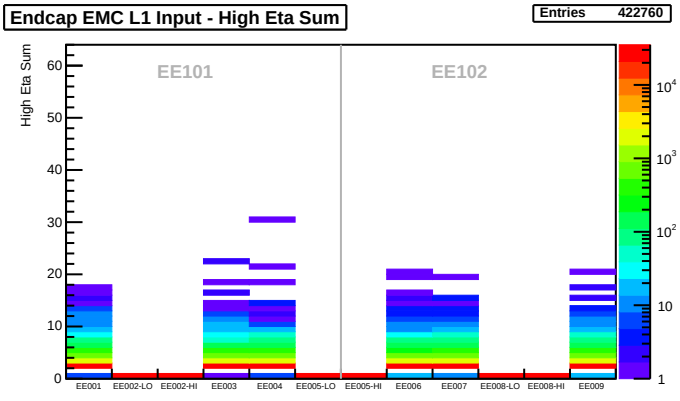

BC1-HT-th4-Diff
Entries 1268277
BC101
BC102
BC103
BC104
BC105
BC106
channel

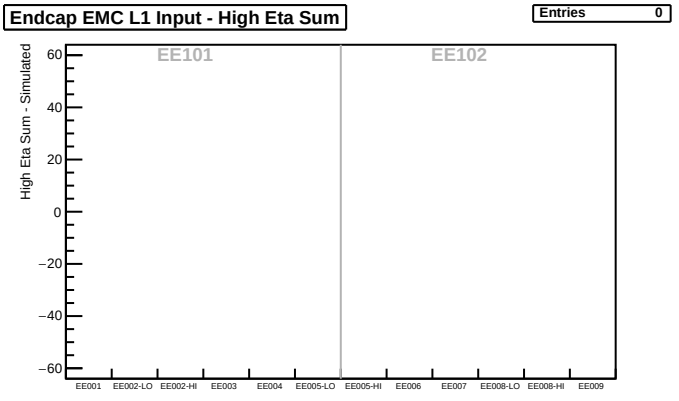

BC1-HT-UPC
Entries 1268280
BC101
BC102
BC103
BC104
BC105
BC106
channel

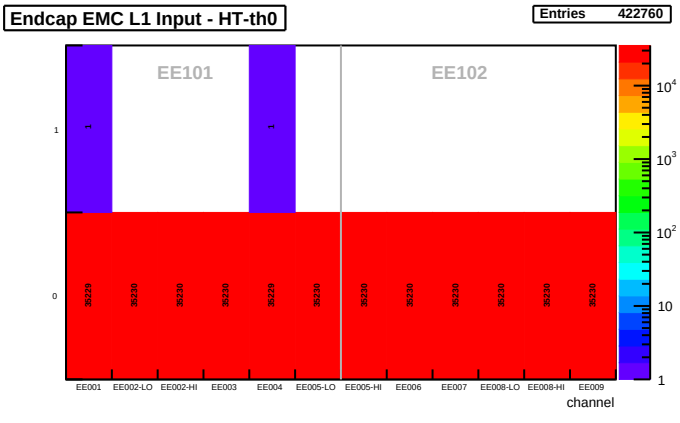

BC1-HT-UPC-Diff
Entries 1232370
BC101
BC102
BC103
BC104
BC105
BC106
channel

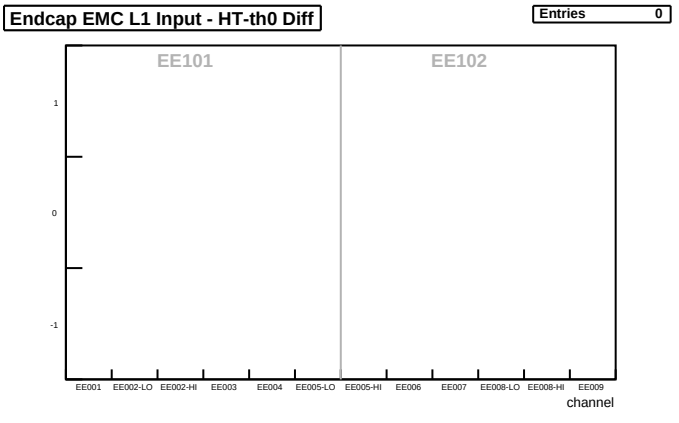

Endcap EMC L1 Input - Low Eta Sum
Entries 422760
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

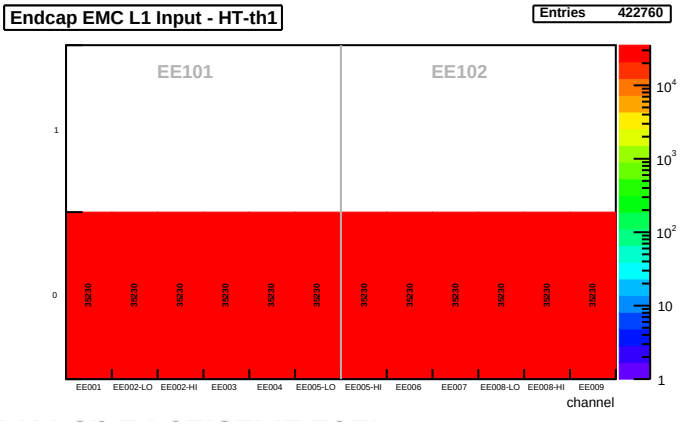

Endcap EMC L1 Input - Low Eta Sum
Entries 2035
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

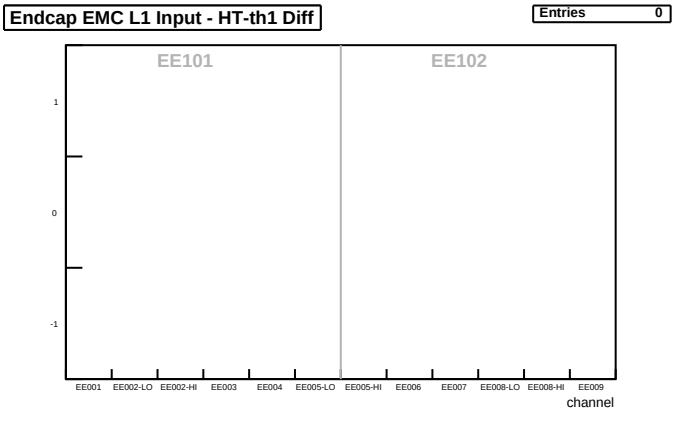

Endcap EMC L1 Input - High Eta Sum
Entries 422760
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

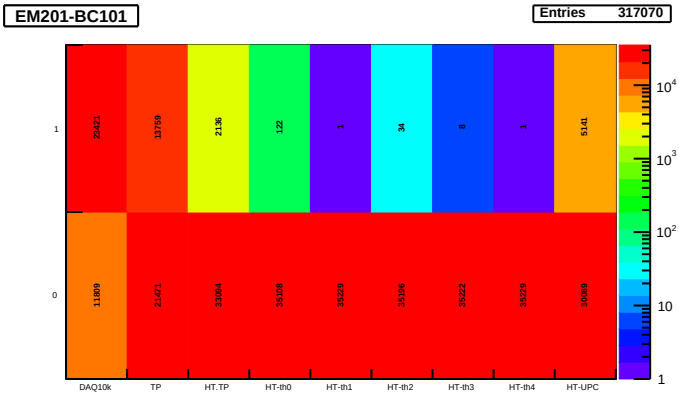

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

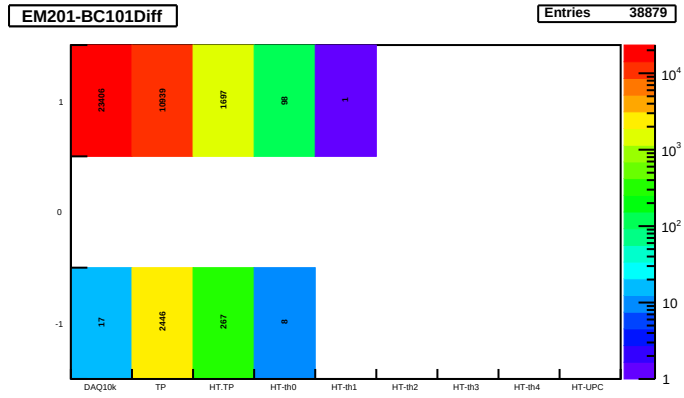

Endcap EMC L1 Input - HT-th0
Entries 422760
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

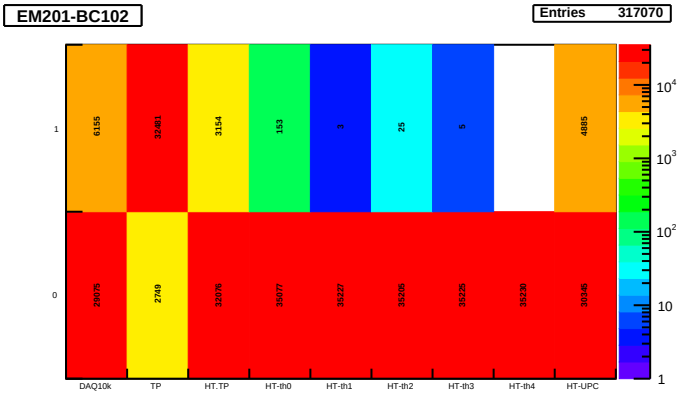

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

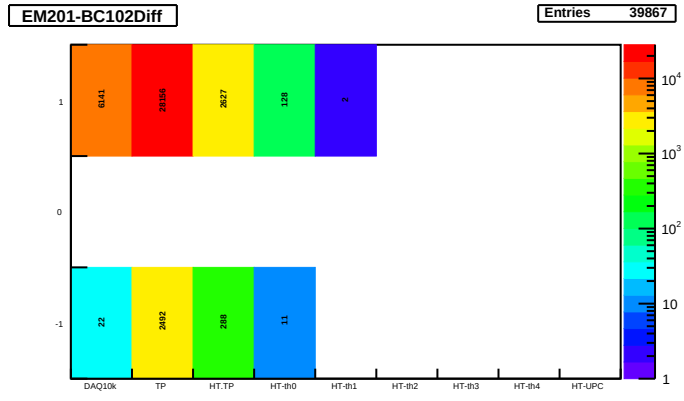

Endcap EMC L1 Input - HT-th1
Entries 422760
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

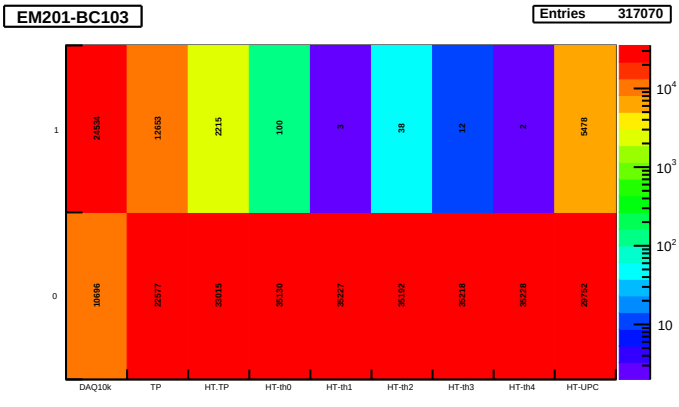

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

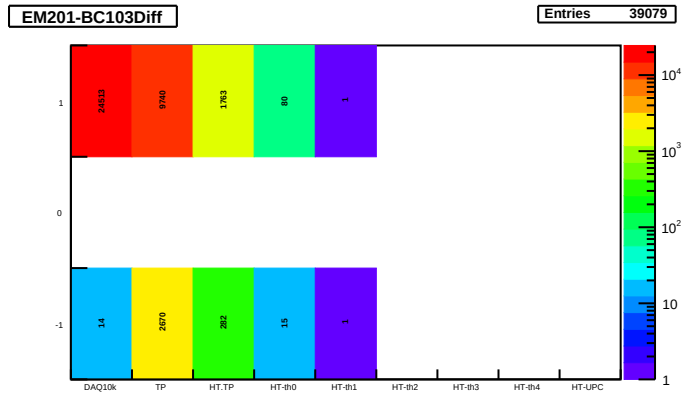

EM201-BC101
Entries 317070
1
0
23421
13759
2136
122
1
34
8
1
5141
11809
21471
33094
35108
35229
35196
35222
35229
30089
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

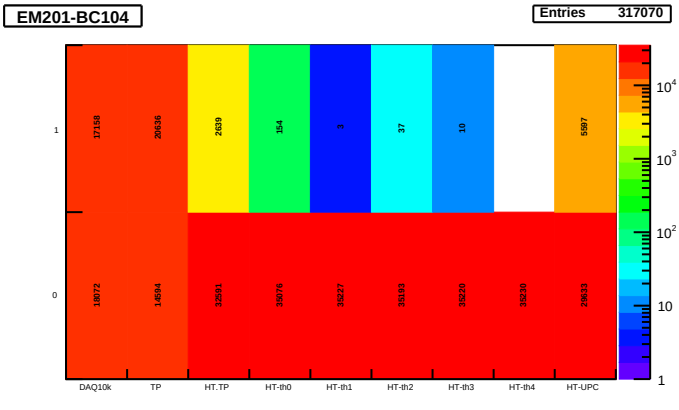

EM201-BC101Diff
Entries 38879
1
0
-1
23406
10939
1697
98
1
17
2446
267
8
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

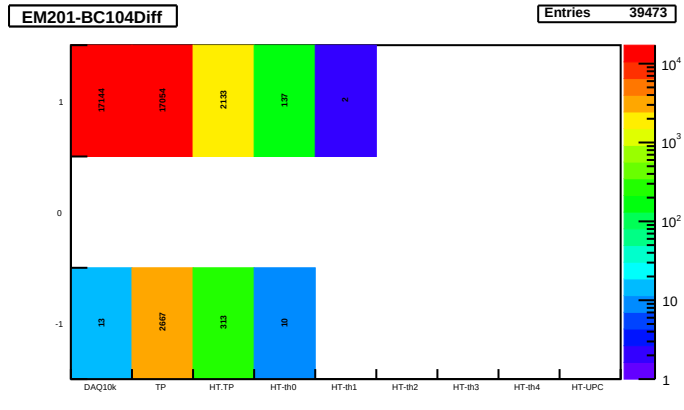

EM201-BC102
Entries 317070
1
0
6155
32481
3154
133
3
25
5
4885
29075
2749
32076
35077
35227
35205
35225
35230
30345
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 39867
1
0
-1
6141
29156
2627
128
2
22
2492
288
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

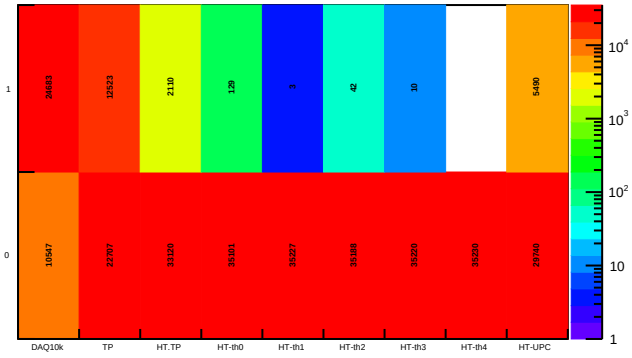

EM201-BC103
Entries 317070
1
0
24534
12653
2215
100
3
38
12
2
5478
10696
22577
33015
35130
35227
35192
35218
35228
29752
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 39079
1
0
-1
24513
9740
1763
80
1
14
2670
282
15
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

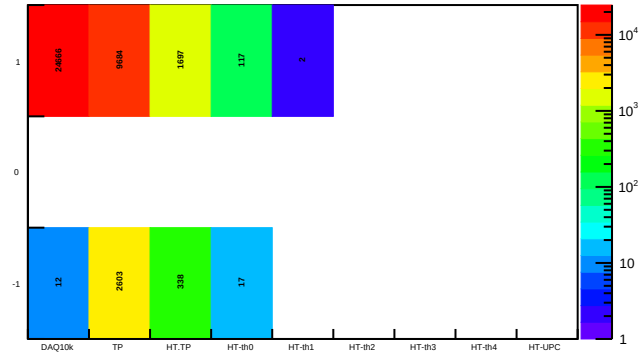

EM201-BC104
Entries 317070
1
0
17158
20636
2639
154
3
37
10
5987
18072
14594
32591
35076
35227
35193
35220
35230
29633
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 39473
1
0
-1
17144
17054
2133
127
2
13
2667
313
10
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

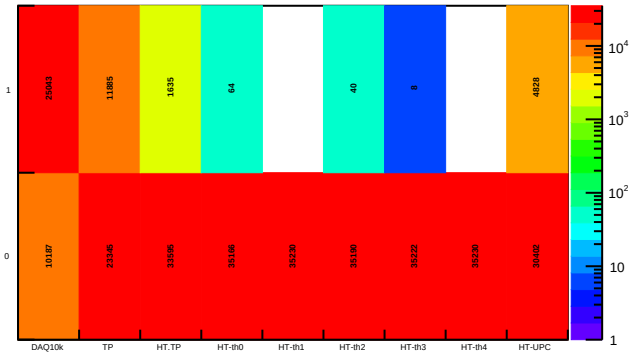
EM201-BC105 Entries 317070



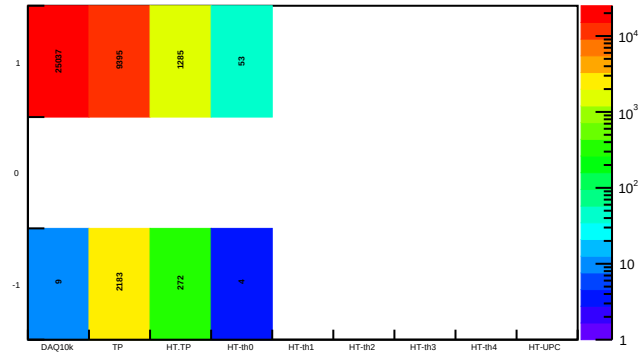
EM201-BC105Diff Entries 39136



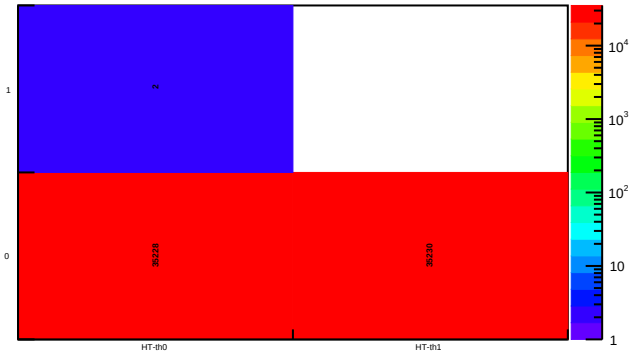
EM201-BC106 Entries 317070



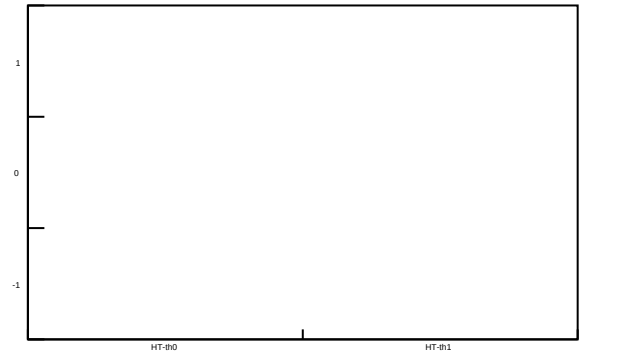
EM201-BC106Diff Entries 38238



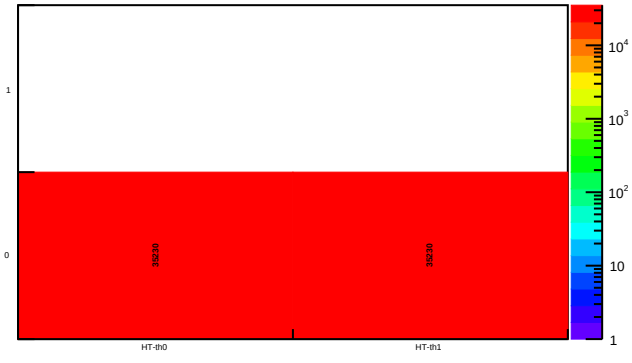
EM201-EE101 Entries 70460



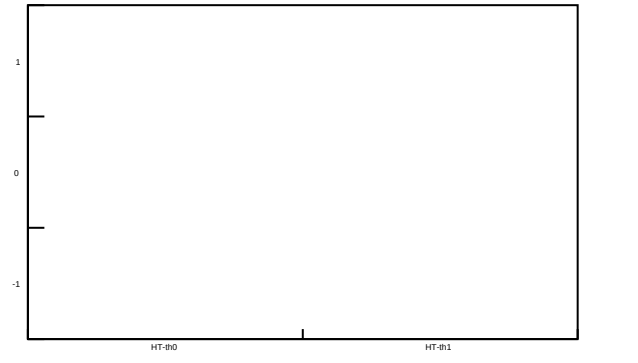
EM201-EE101Diff Entries 0

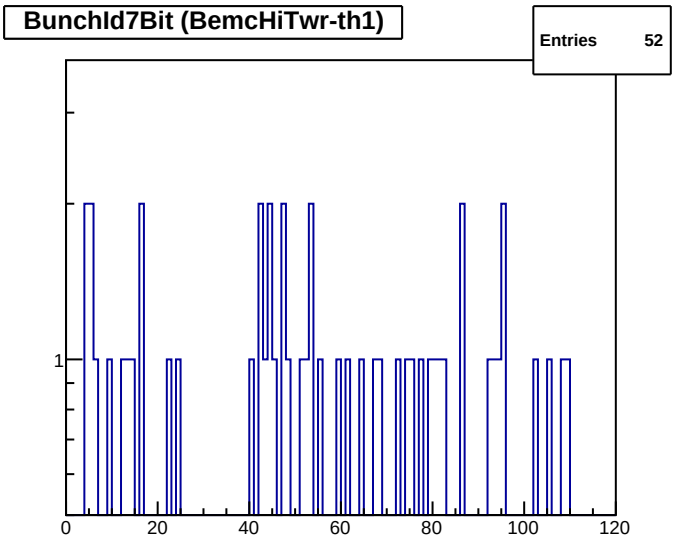


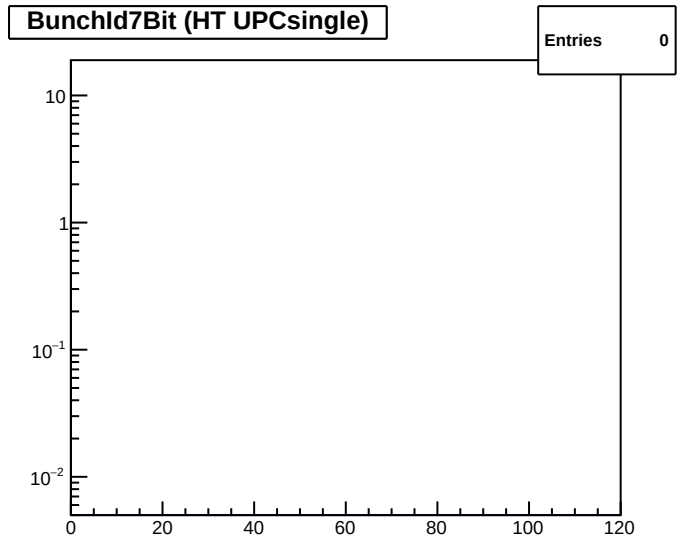
EM201-EE102 Entries 70460

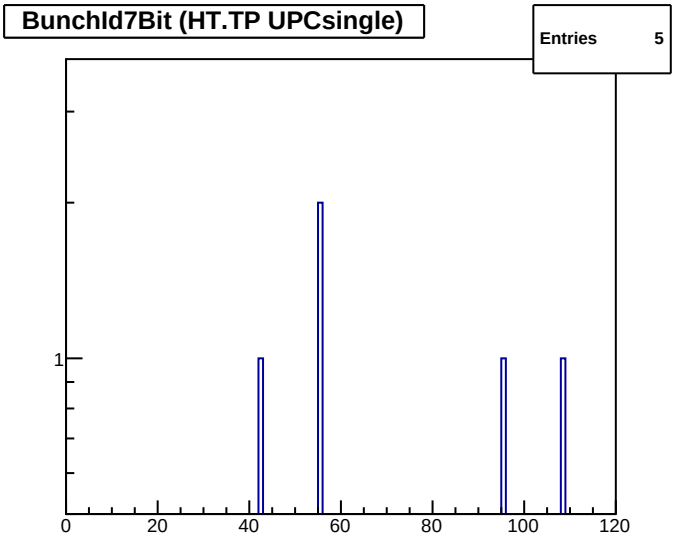


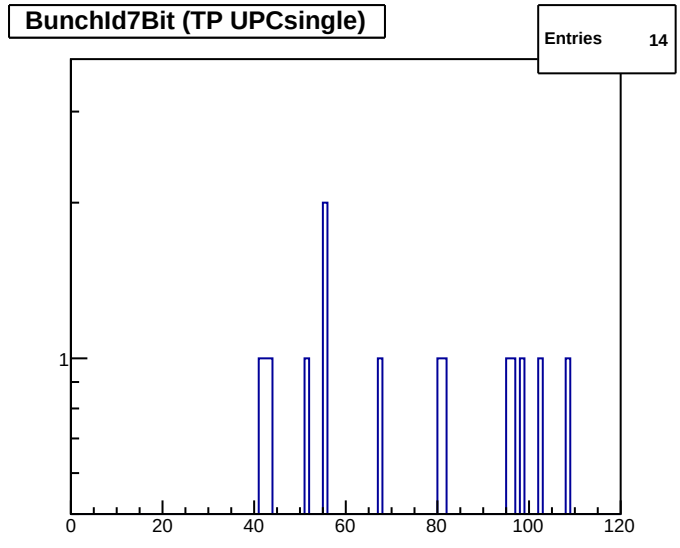
EM201-EE102Diff Entries 0

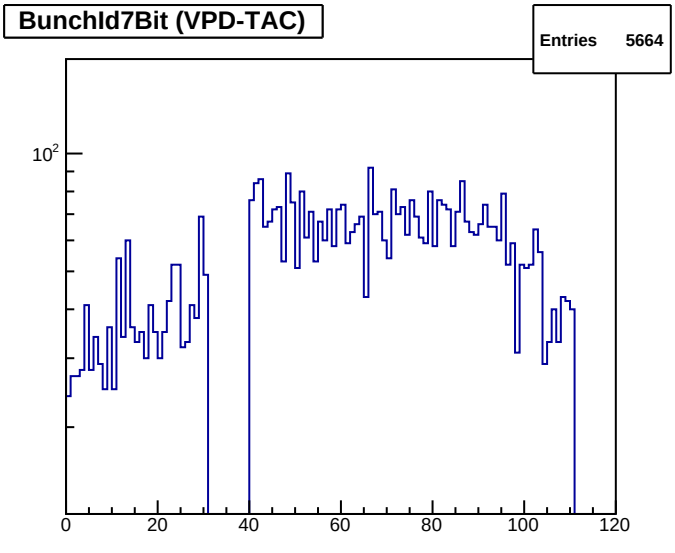


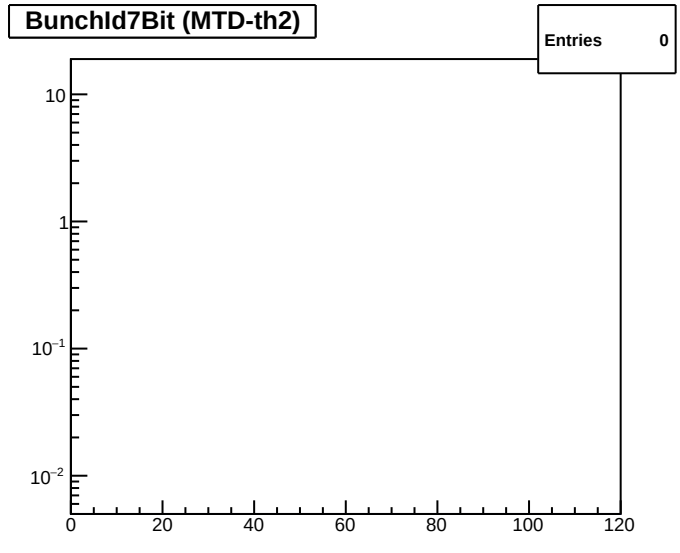

BunchId7Bit (BemcHiTwr-th1)
Entries 52
1
0 20 40 60 80 100 120

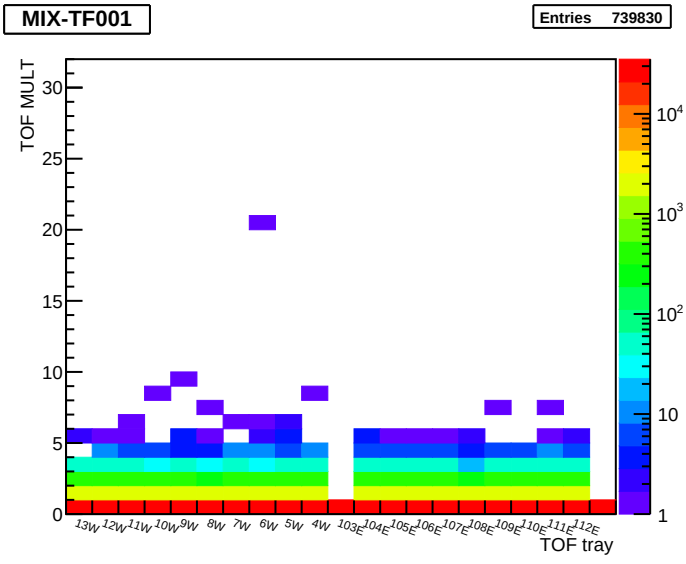

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

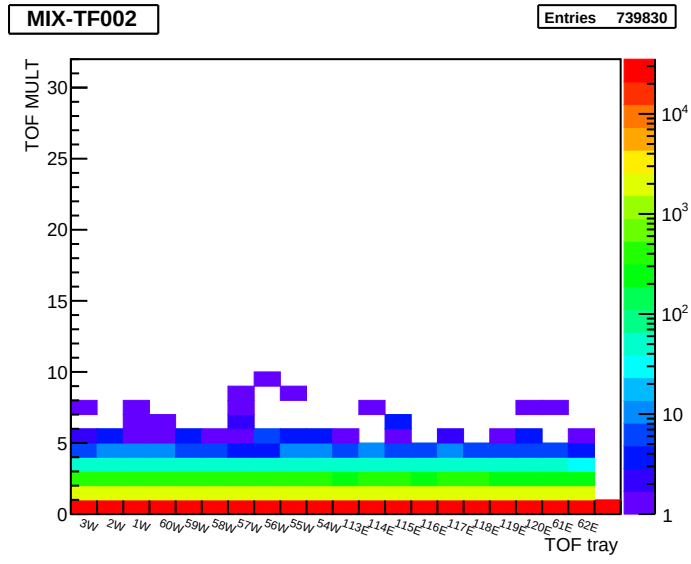

BunchId7Bit (HT.TP UPCsingle)
Entries 5
1
0 20 40 60 80 100 120

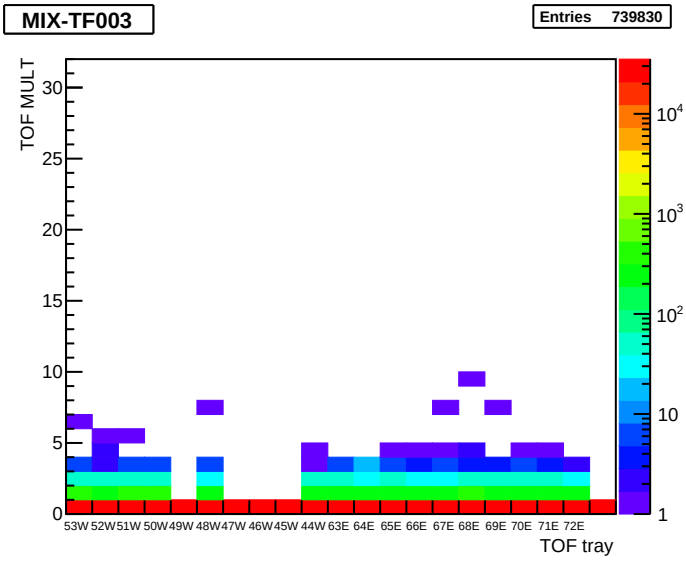

BunchId7Bit (TP UPCsingle)
Entries 14
1
0 20 40 60 80 100 120

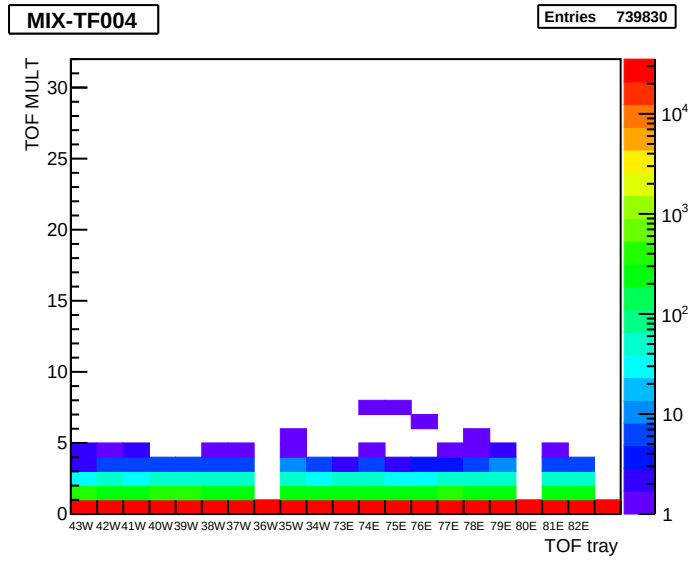

BunchId7Bit (VPD-TAC)
Entries 5664
10^{2}
0 20 40 60 80 100 120

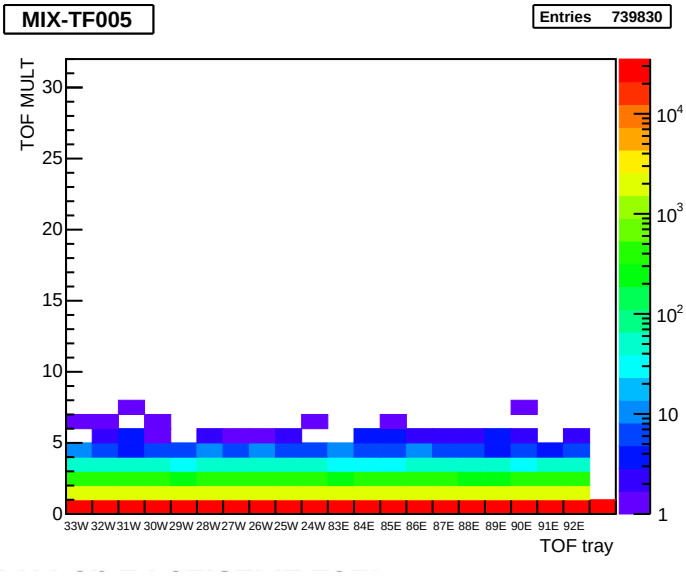

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

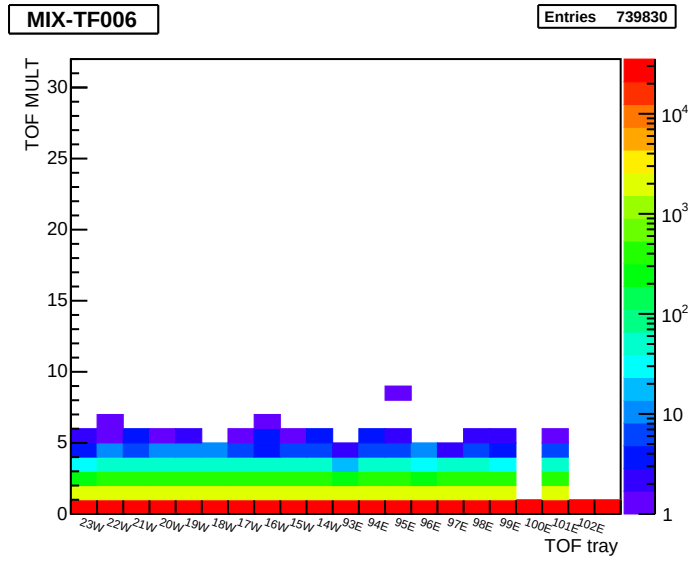

MIX-TF001
Entries 739830
TOF MULT
TOF tray

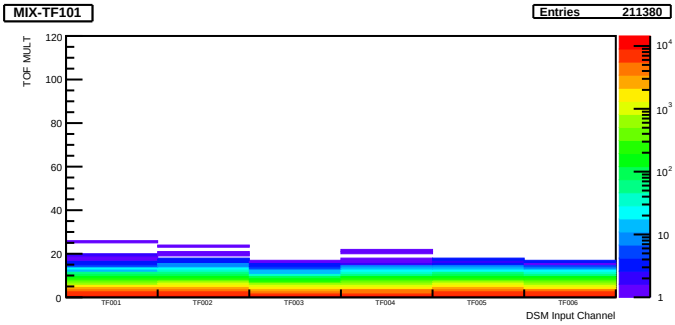

MIX-TF002
Entries 739830
TOF MULT
TOF tray

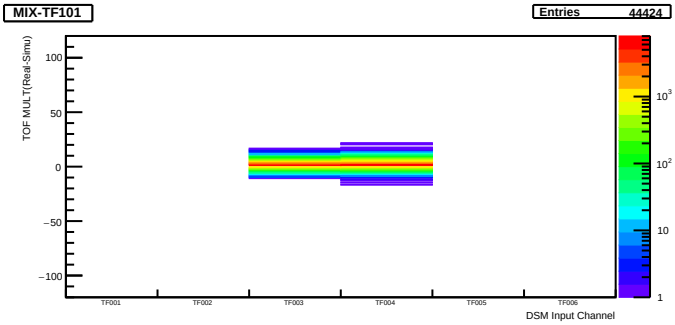

MIX-TF003
Entries 739830
TOF MULT
TOF tray

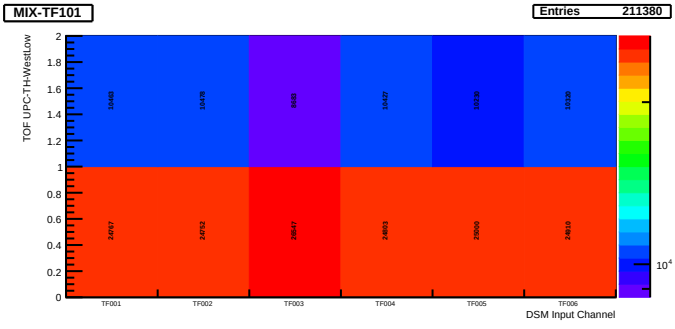

MIX-TF004
Entries 739830
TOF MULT
TOF tray

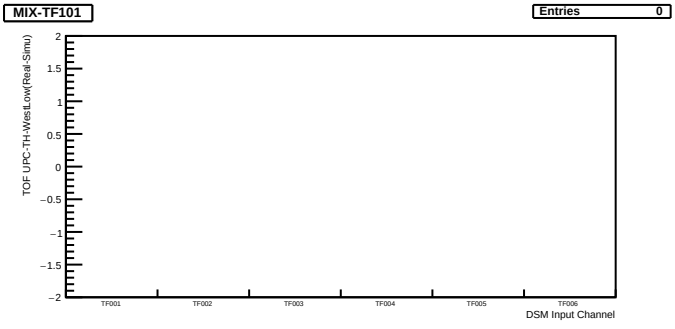

MIX-TF005
Entries 739830
TOF MULT
TOF tray

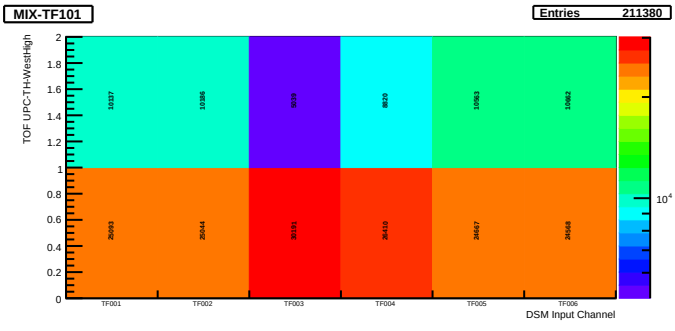

MIX-TF006
Entries 739830
TOF MULT
TOF tray

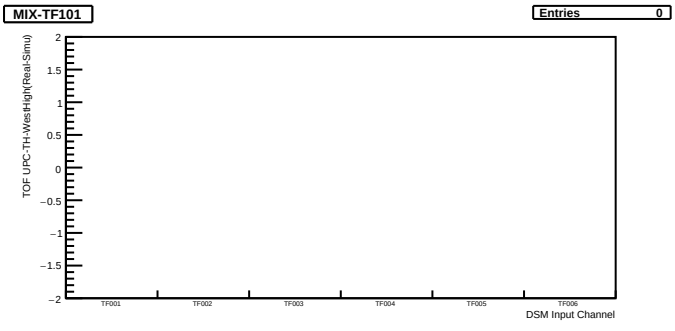

MIX-TF101
Entries 211380
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

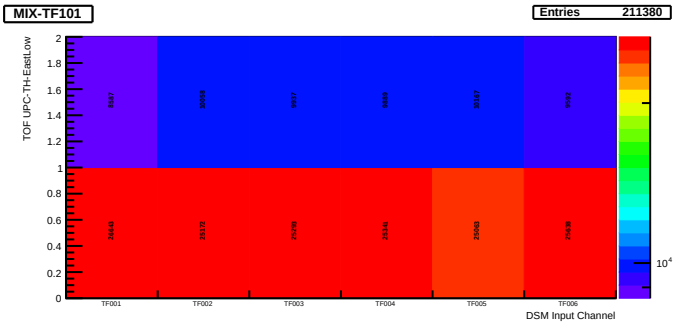

MIX-TF101
Entries 44424
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

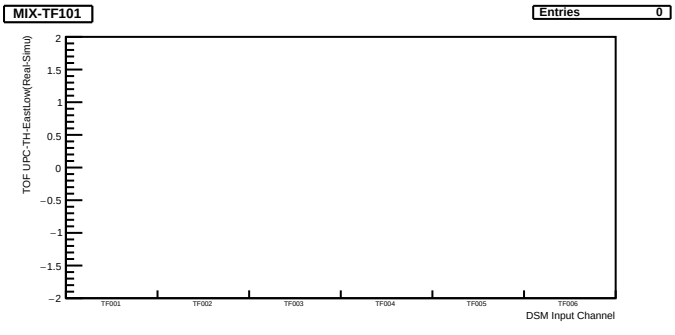

MIX-TF101
Entries 211380
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

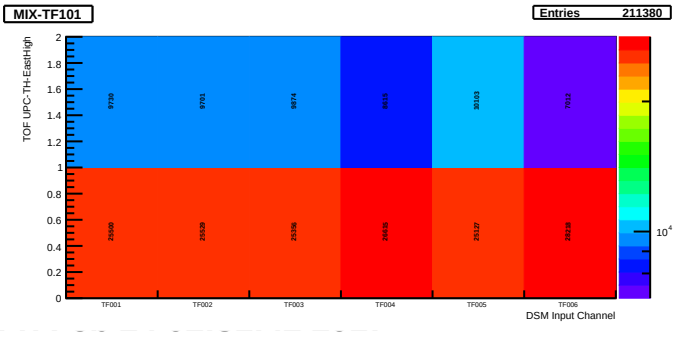

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

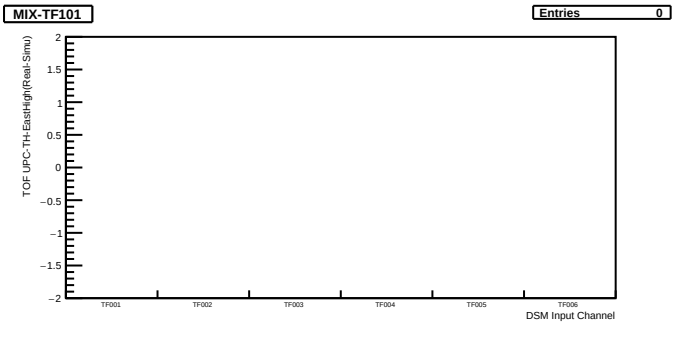

MIX-TF101
Entries 211380
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

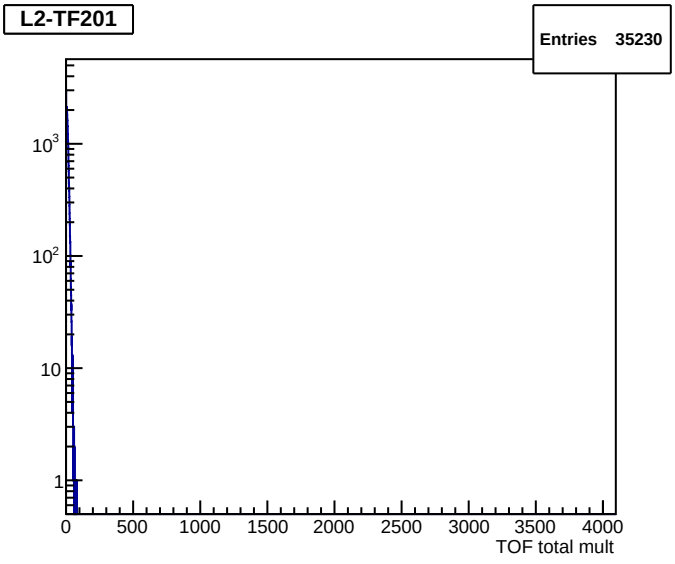

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

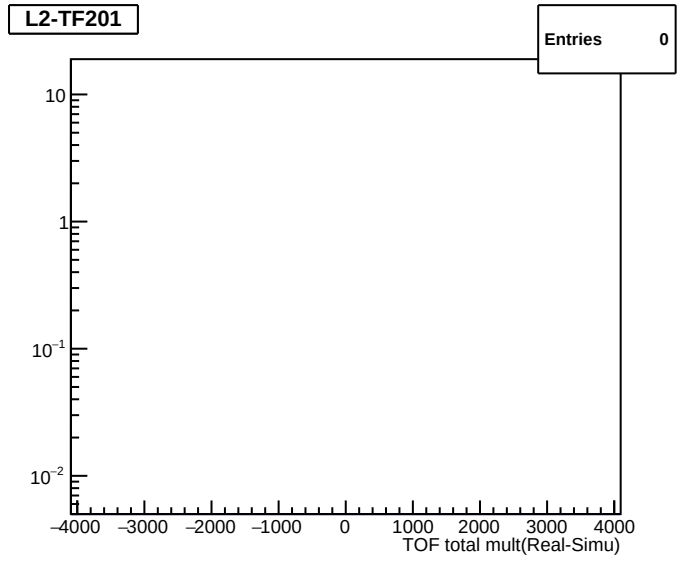

MIX-TF101
Entries 211380
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

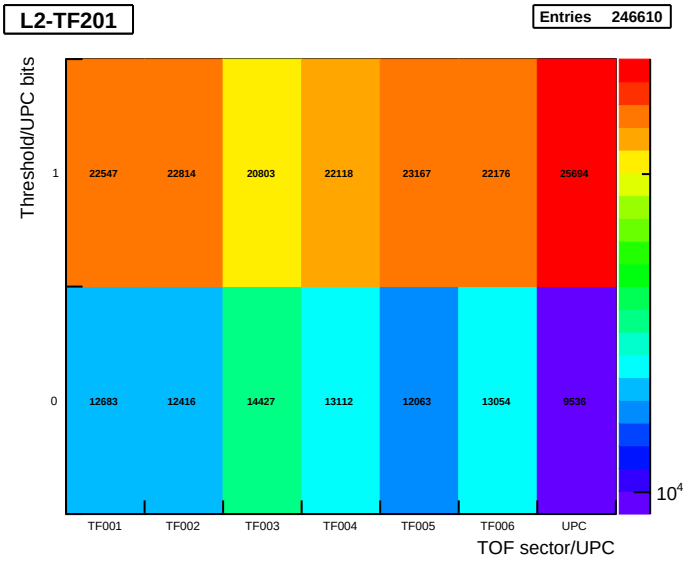

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

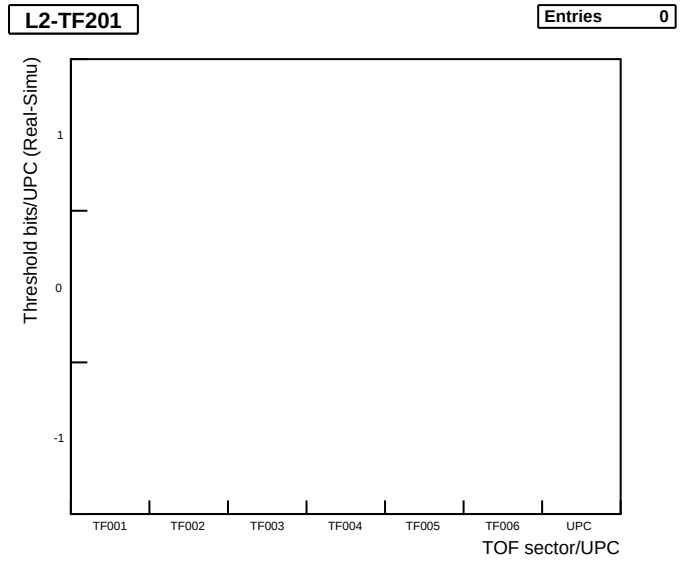

MIX-TF101
Entries 211380
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

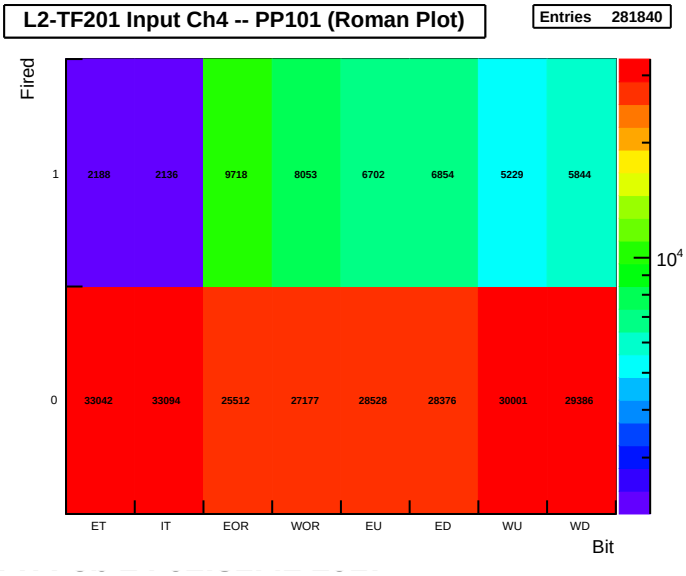

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

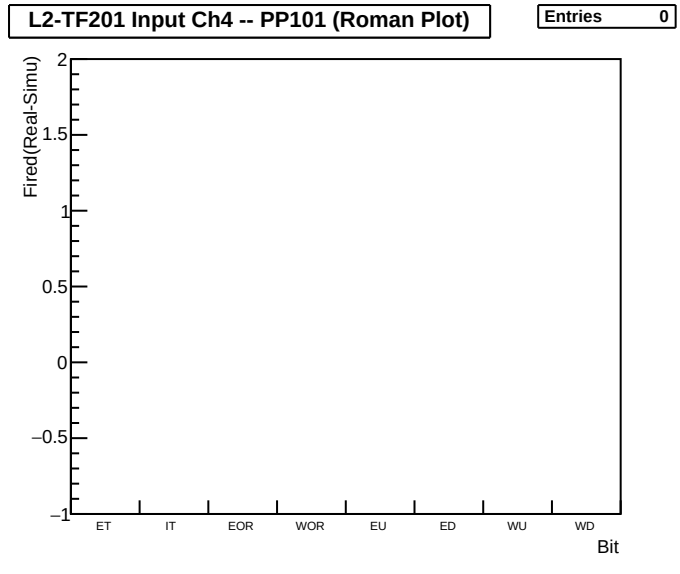

L2-TF201
Entries 35230
TOF total mult

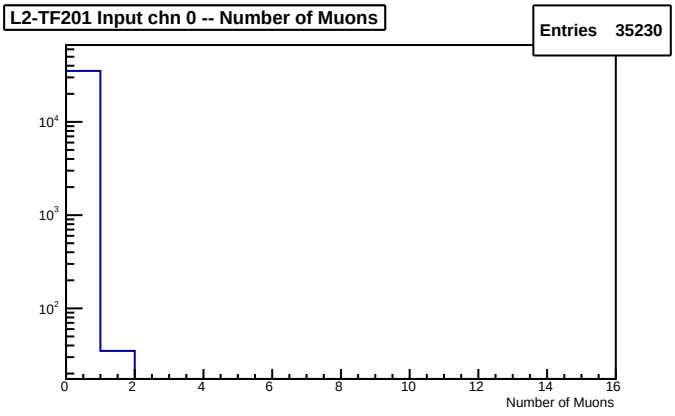

L2-TF201
Entries 0
TOF total mult(Real-Simu)

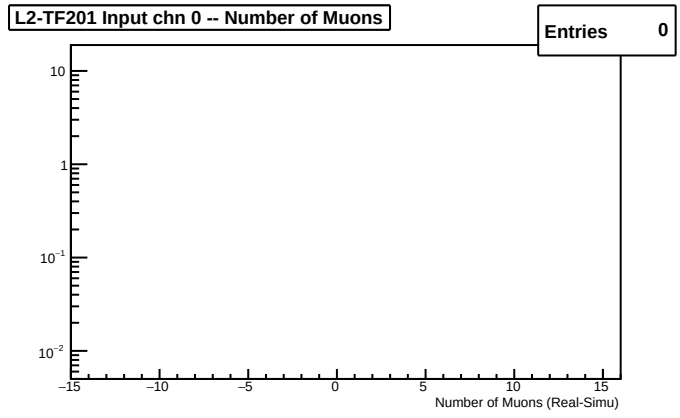

L2-TF201
Entries 246610
Threshold/UPC bits
22547 22814 20803 22118 23167 22176 25694
12683 12416 14427 13112 12063 13054 9536
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

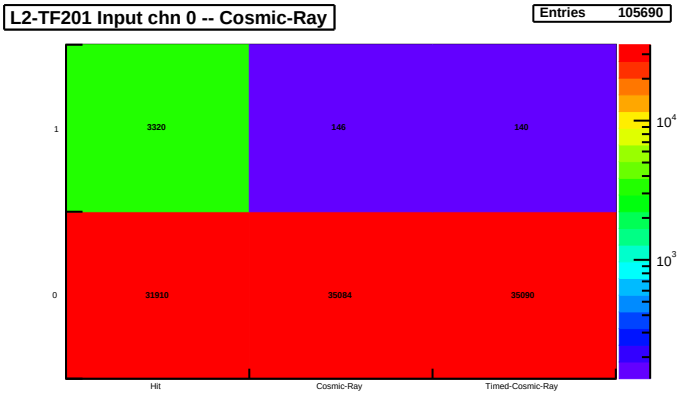

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

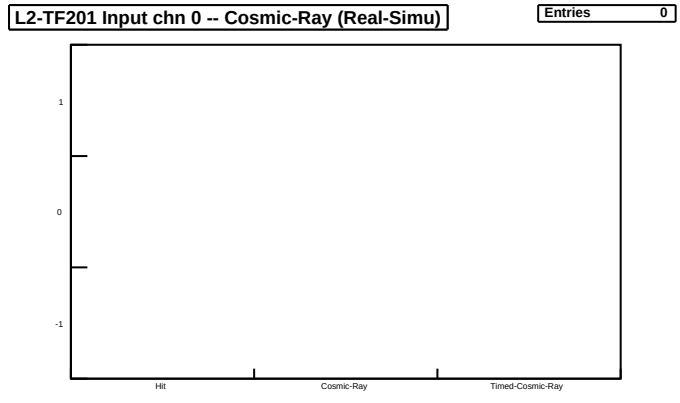

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 281840
Fired
2188 2136 9718 8053 6702 6854 5229 5844
33042 33094 25512 27177 28528 28376 30001 29386
ET IT EOR WOR EU ED WU WD
Bit

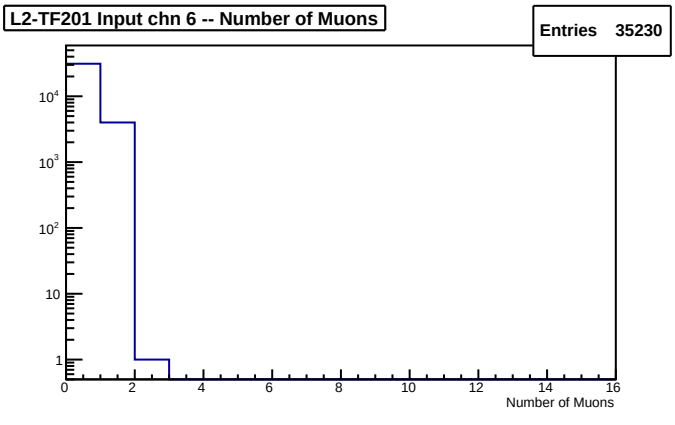

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

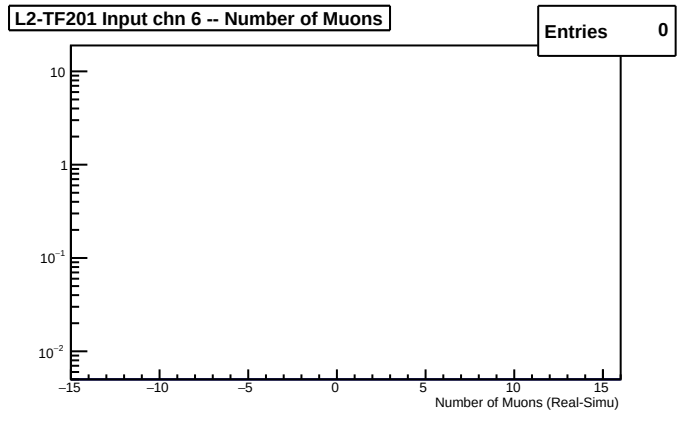

L2-TF201 Input chn 0 -- Number of Muons
Entries 35230
Number of Muons

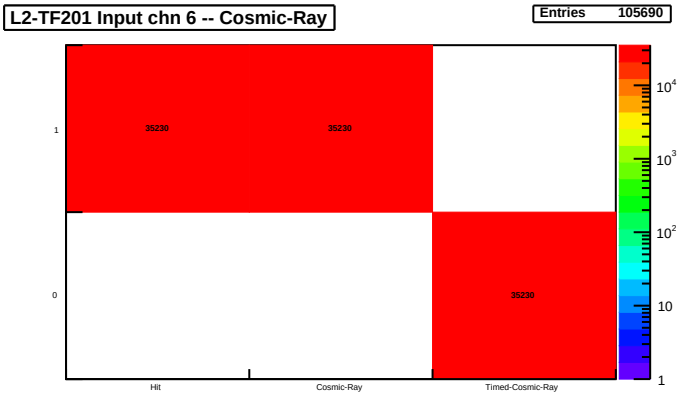

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

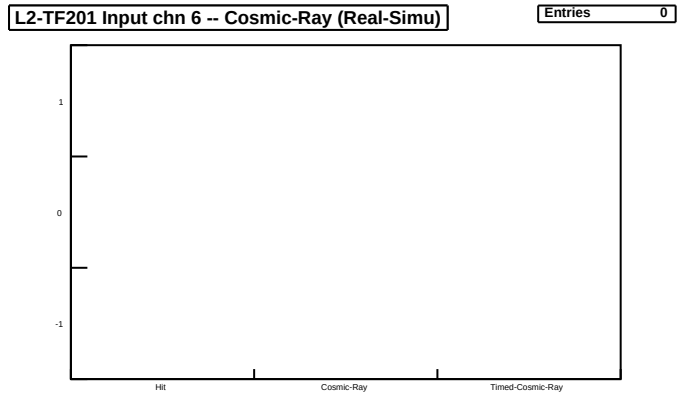

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 105690
3320
146
140
31910
35084
35090
Hit
Cosmic-Ray
Timed-Cosmic-Ray

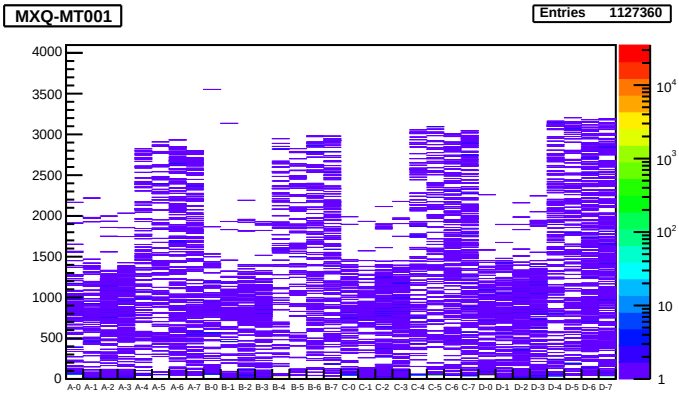

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

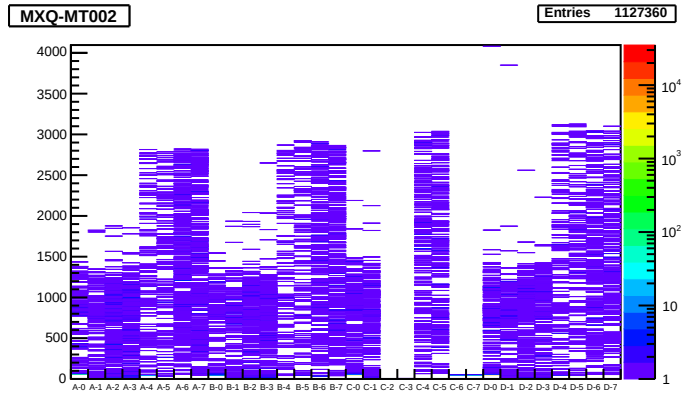

L2-TF201 Input chn 6 -- Number of Muons
Entries 35230
Number of Muons

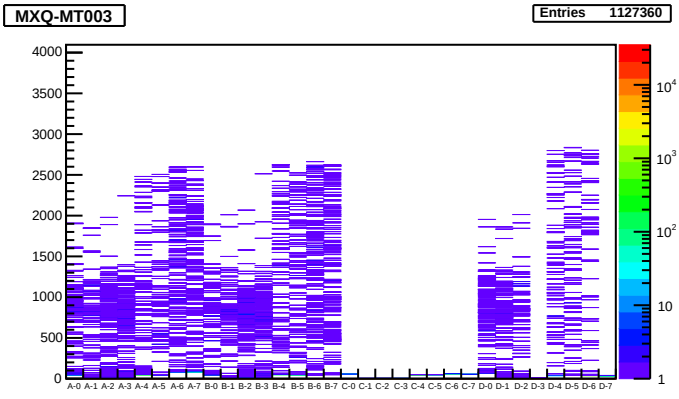

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

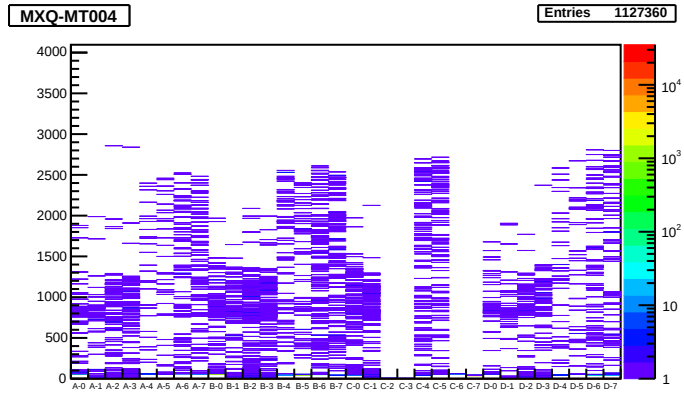

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 105690
35230
35230
35230
Hit
Cosmic-Ray
Timed-Cosmic-Ray

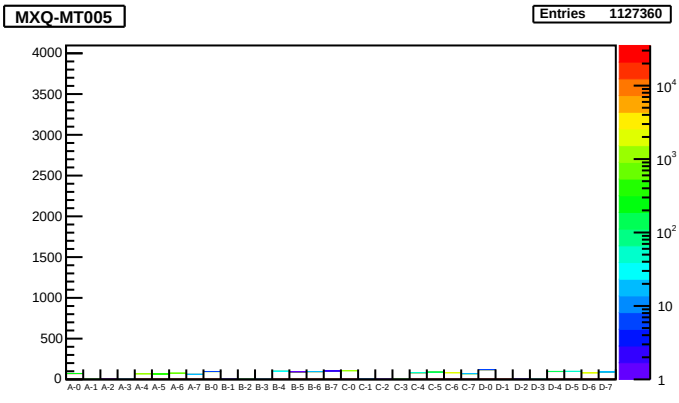

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

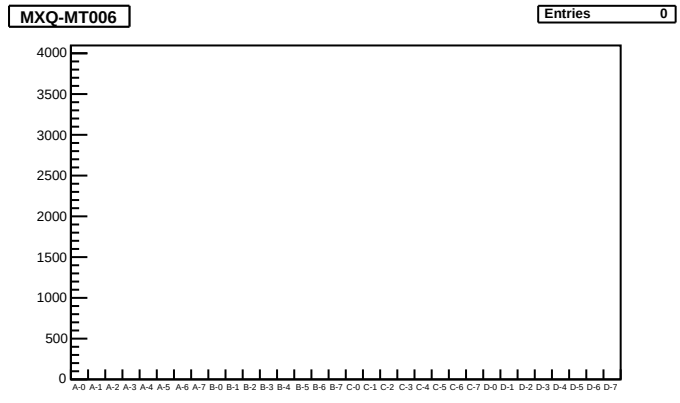

MXQ-MT001
Entries 1127360

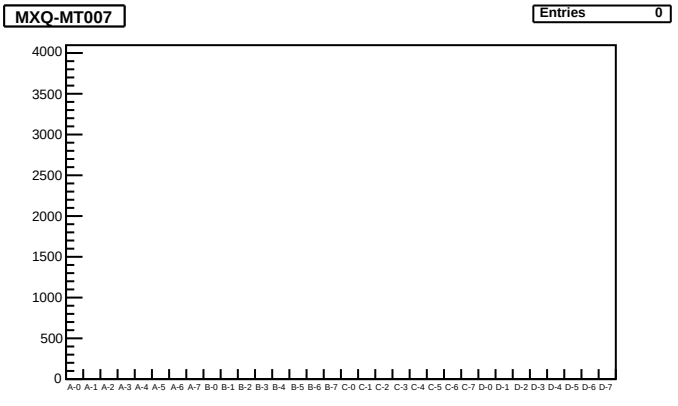

MXQ-MT002
Entries 1127360

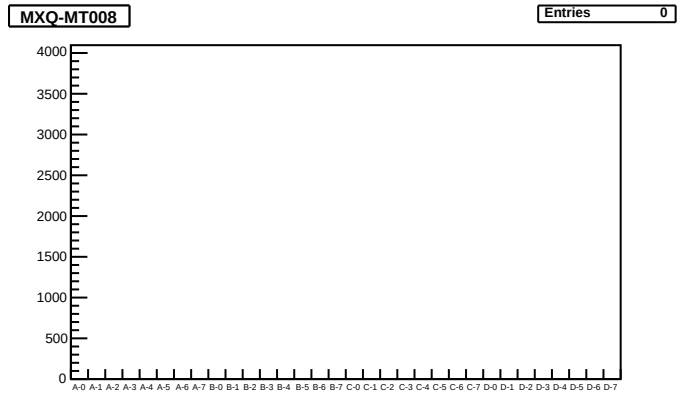

MXQ-MT003
Entries 1127360

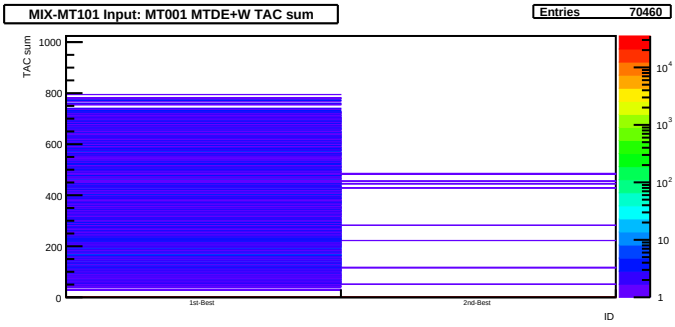

MXQ-MT004
Entries 1127360

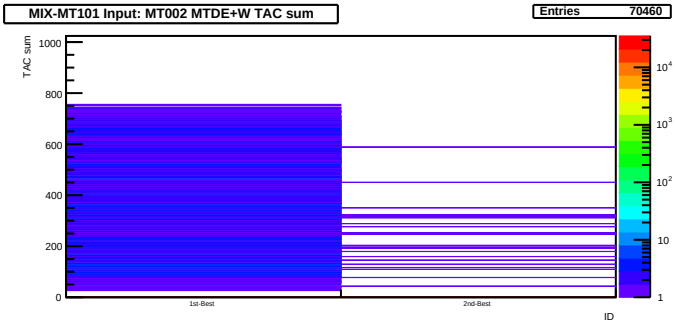

MXQ-MT005
Entries 1127360

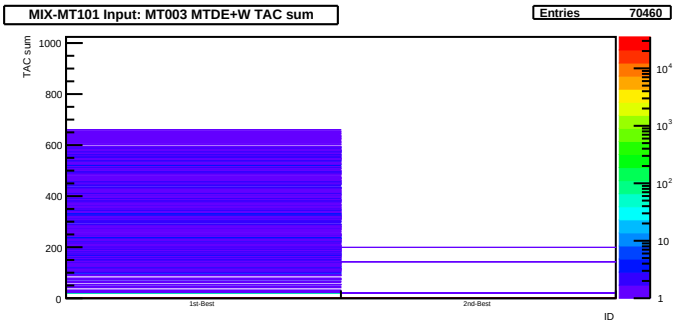

MXQ-MT006
Entries 0

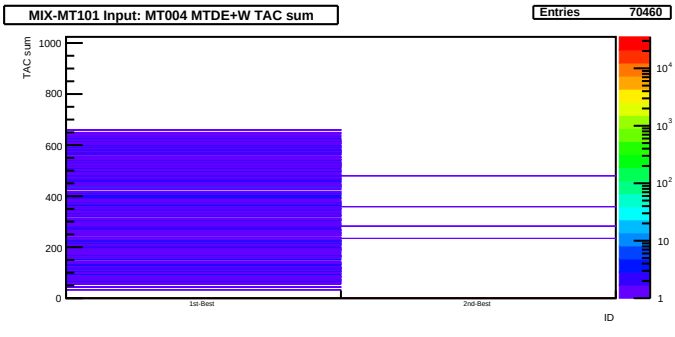

MXQ-MT007
Entries 0

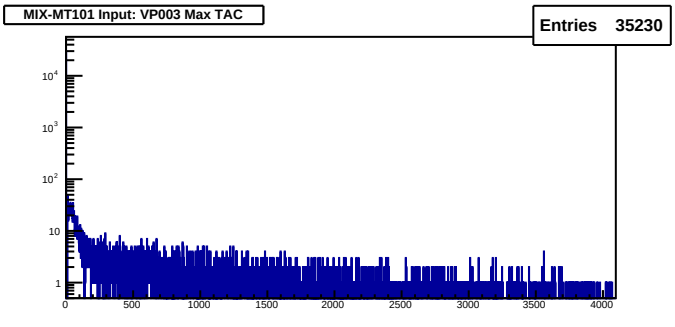

MXQ-MT008
Entries 0

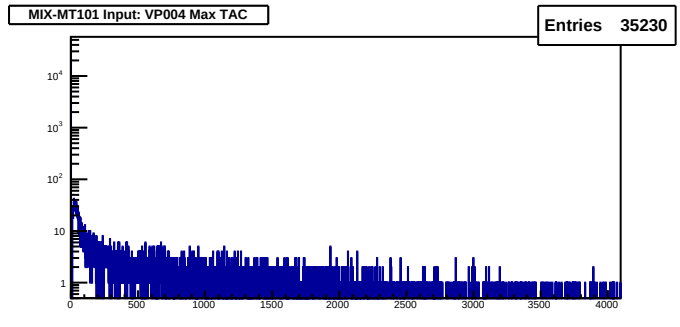

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

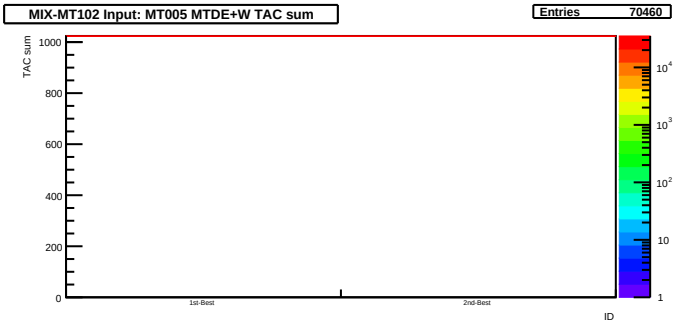

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

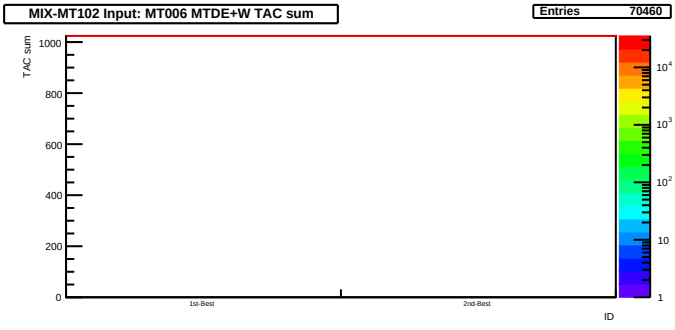

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

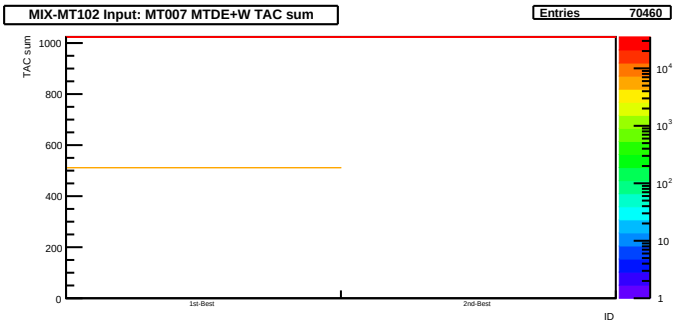

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

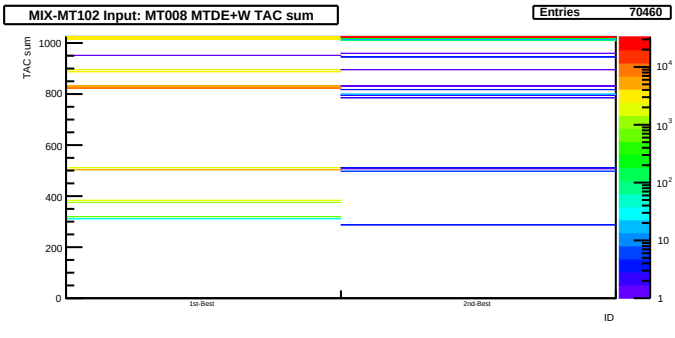

MIX-MT101 Input: VP003 Max TAC
Entries 35230

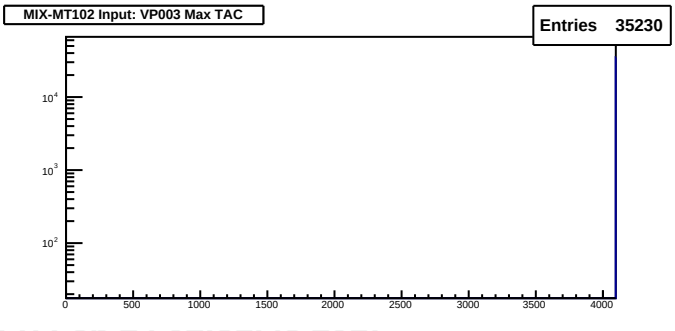

MIX-MT101 Input: VP004 Max TAC
Entries 35230

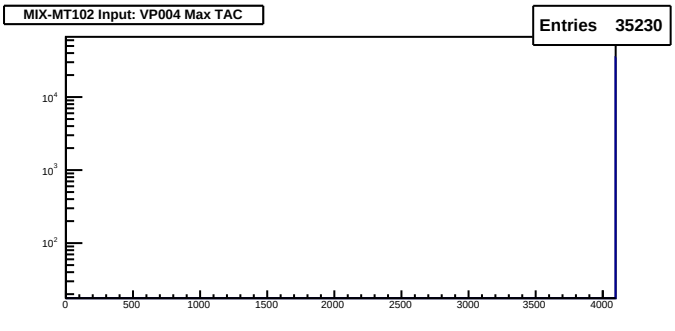

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

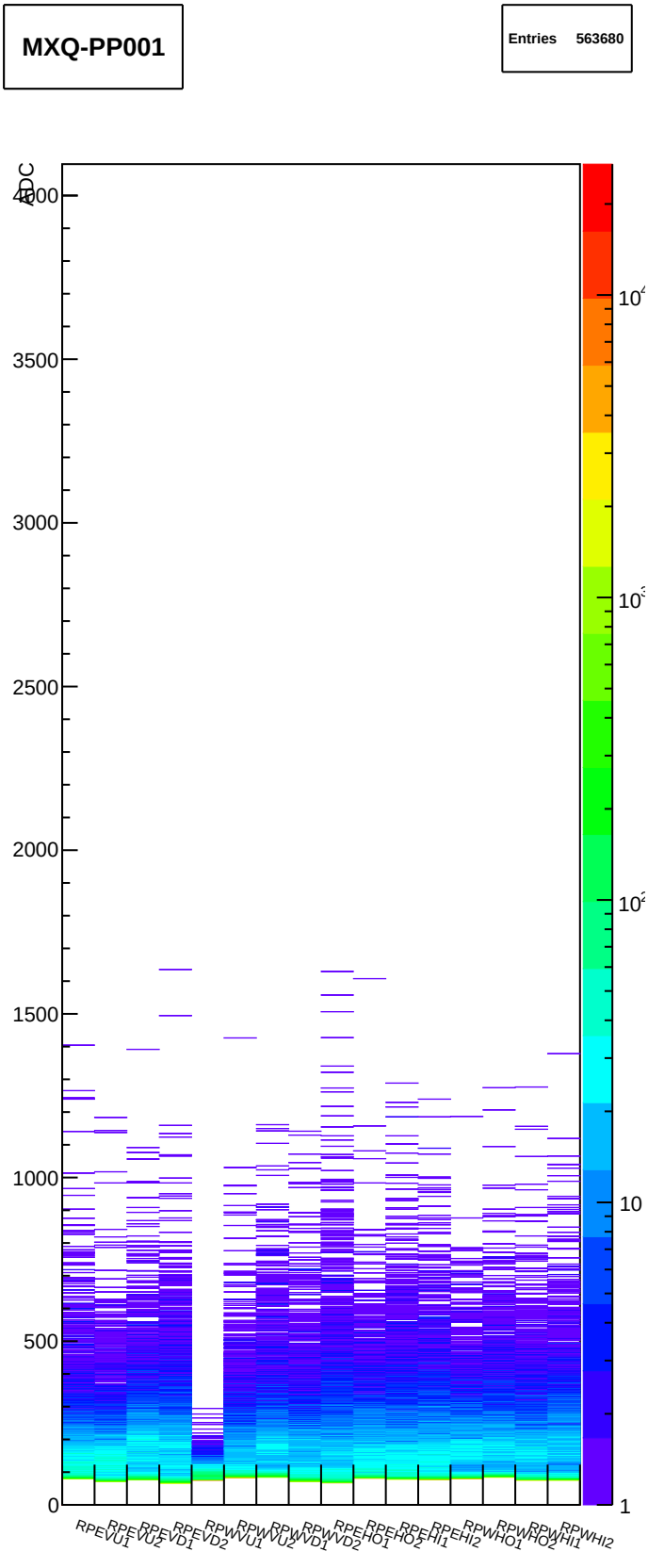

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

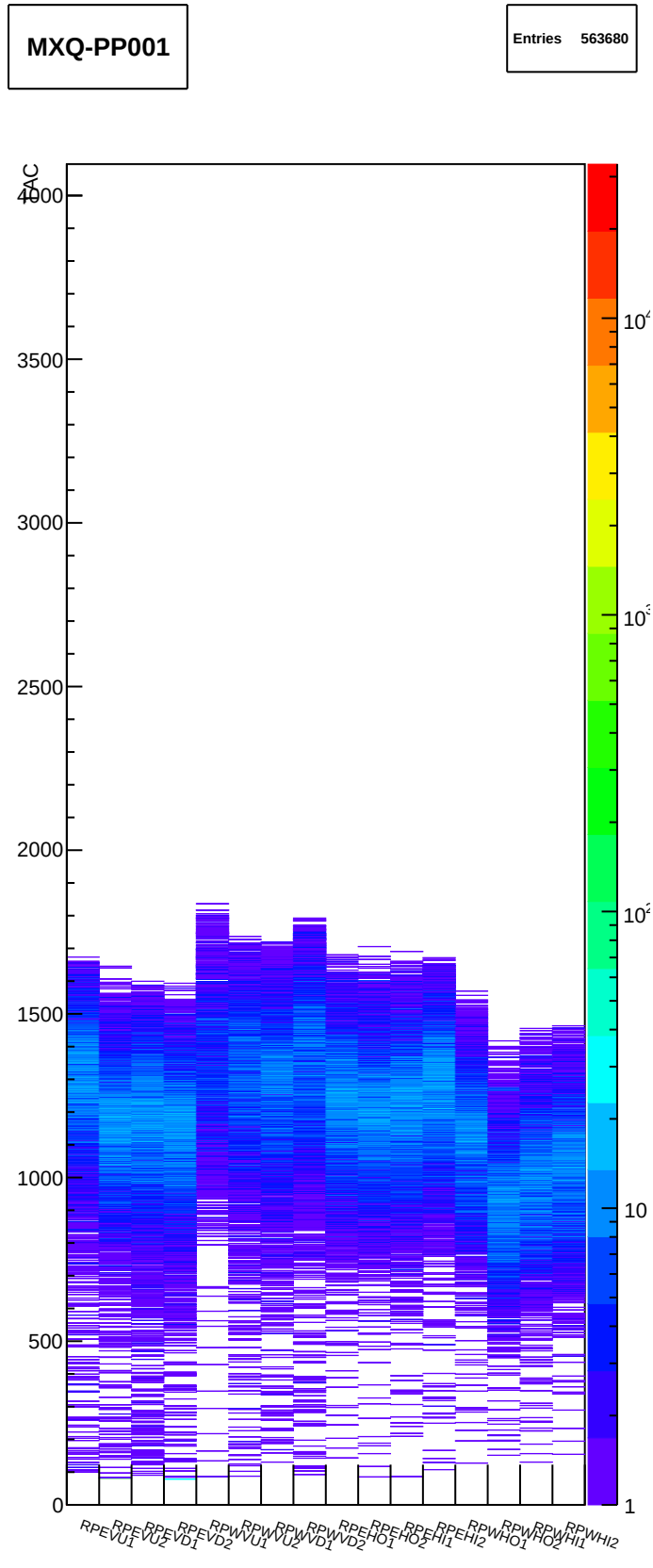

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

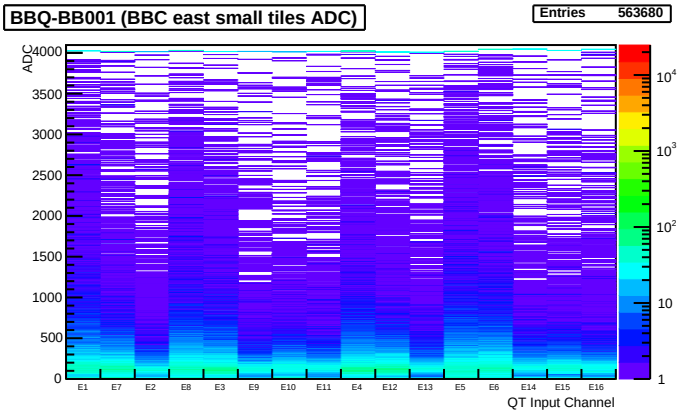

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 70460
TAC sum
1st-Best
2nd-Best
ID

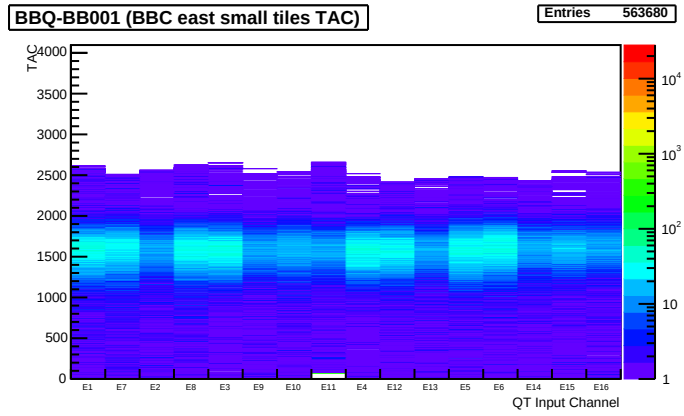

MIX-MT102 Input: VP003 Max TAC
Entries 35230

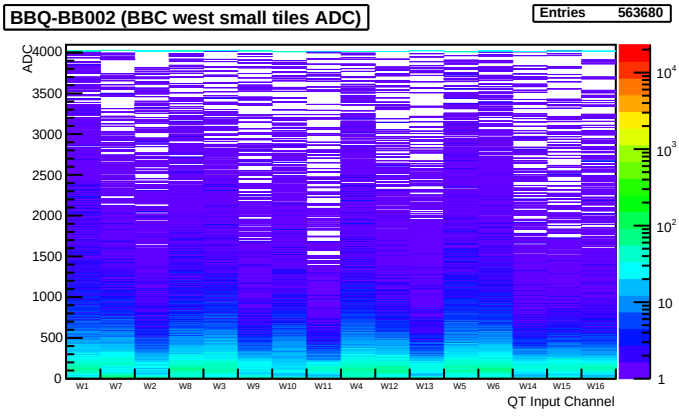

MIX-MT102 Input: VP004 Max TAC
Entries 35230

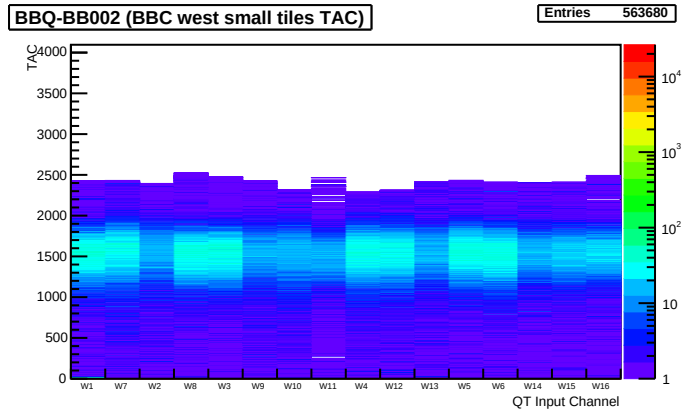

MXQ-PP001
Entries 563680
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

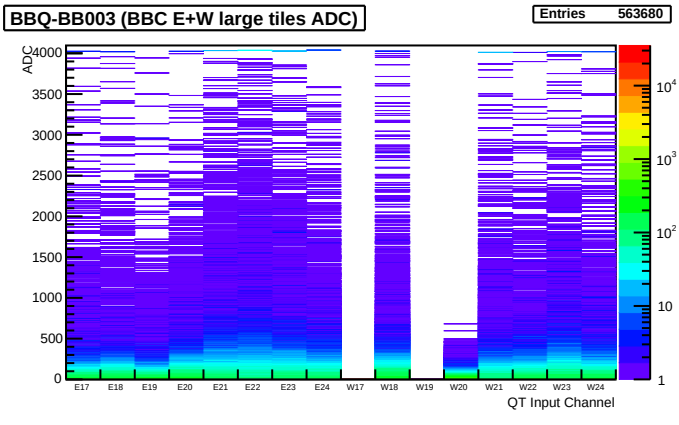

MXQ-PP001
Entries 563680
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

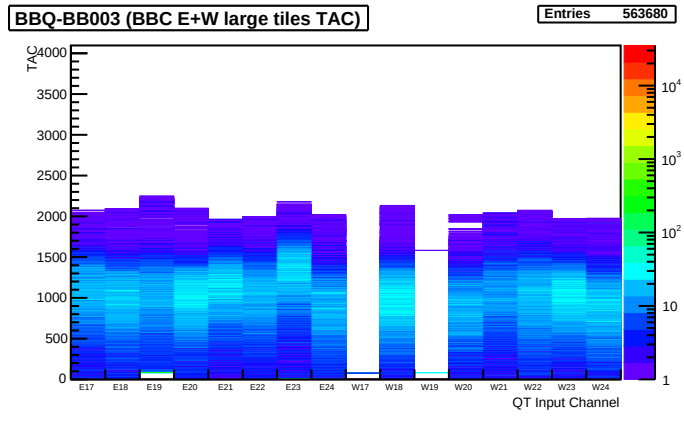

BBQ-BB001 (BBC east small tiles ADC)
Entries 563680
ADC
QT Input Channel

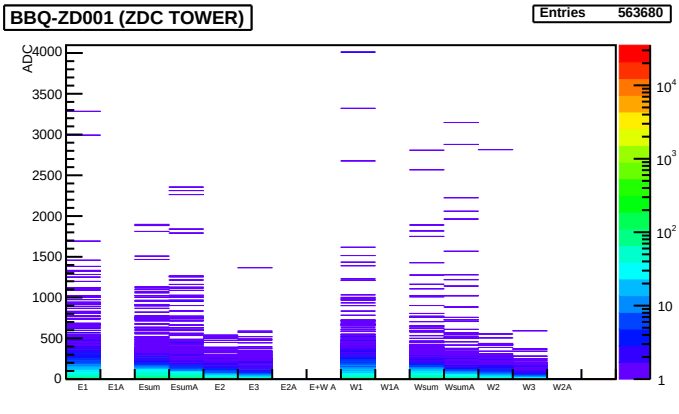

BBQ-BB001 (BBC east small tiles TAC)
Entries 563680
TAC
QT Input Channel

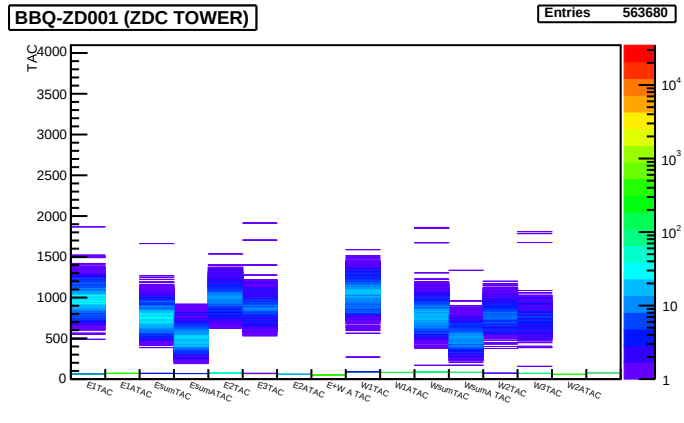

BBQ-BB002 (BBC west small tiles ADC)
Entries 563680
ADC
QT Input Channel

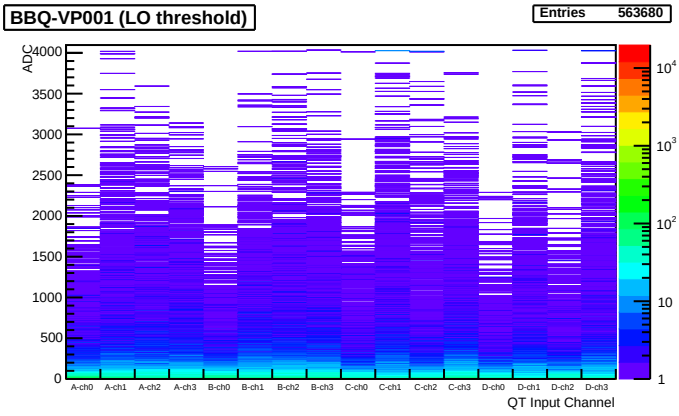

BBQ-BB002 (BBC west small tiles TAC)
Entries 563680
TAC
QT Input Channel

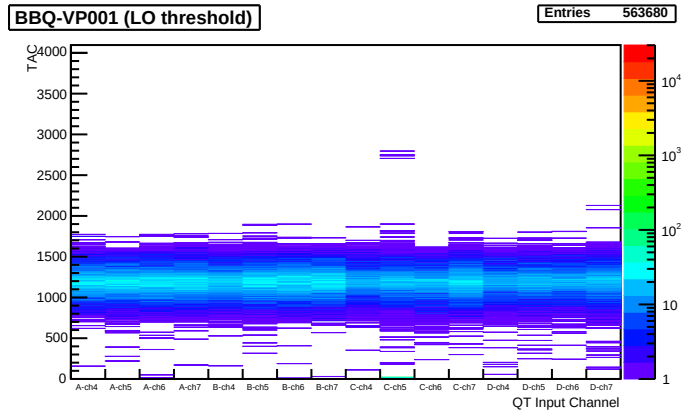

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 563680
ADC
QT Input Channel

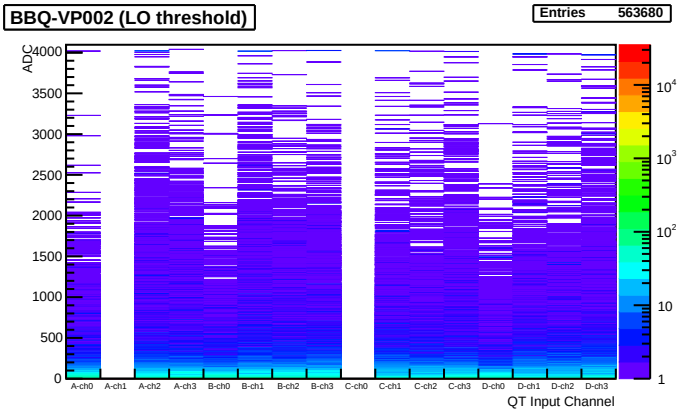

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 563680
TAC
QT Input Channel

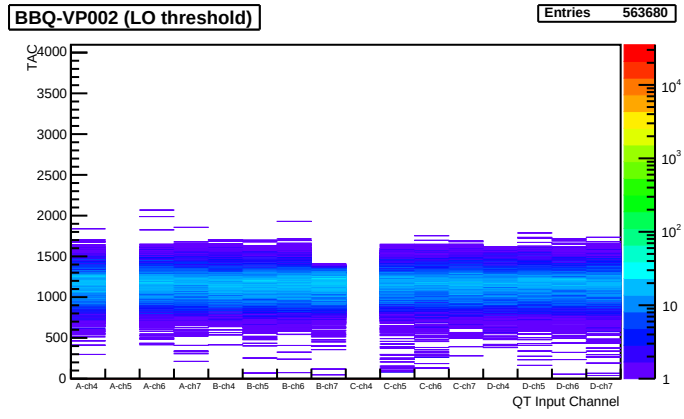

BBQ-ZD001 (ZDC TOWER)
Entries 563680
ADC

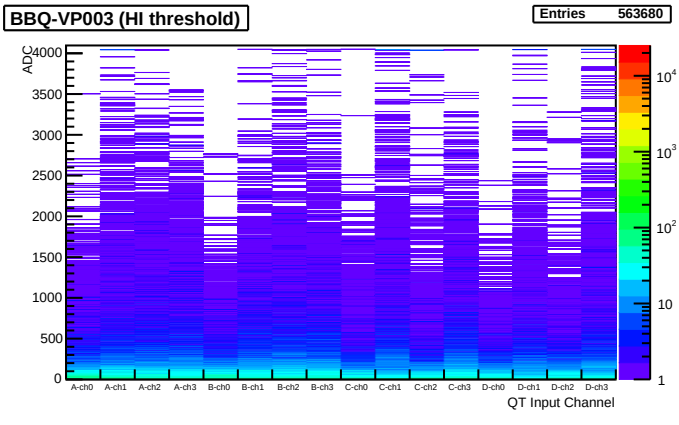

BBQ-ZD001 (ZDC TOWER)
Entries 563680
TAC

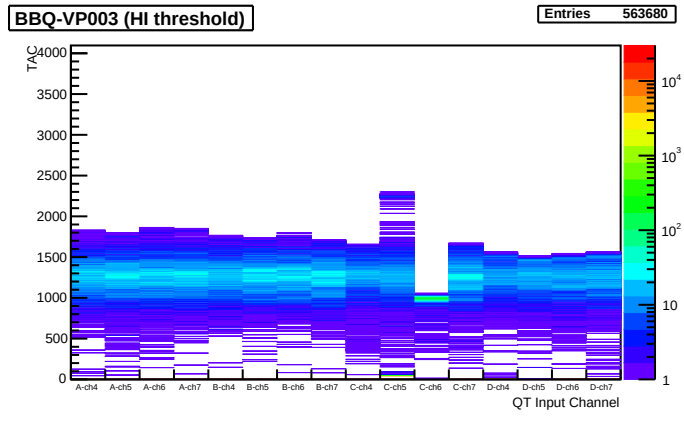

BBQ-VP001 (LO threshold)
Entries 563680
ADC
QT Input Channel

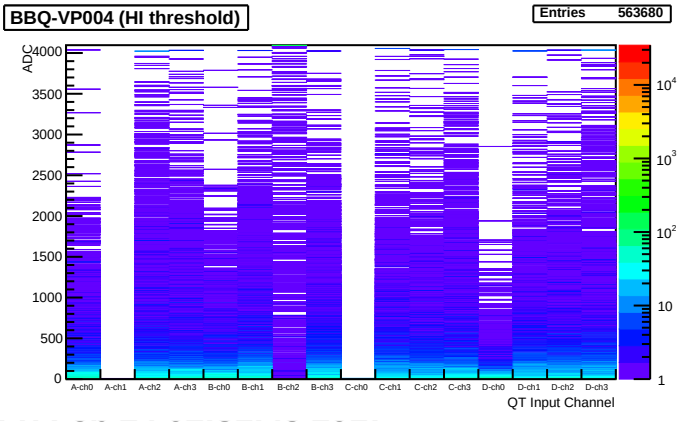

BBQ-VP001 (LO threshold)
Entries 563680
TAC
QT Input Channel

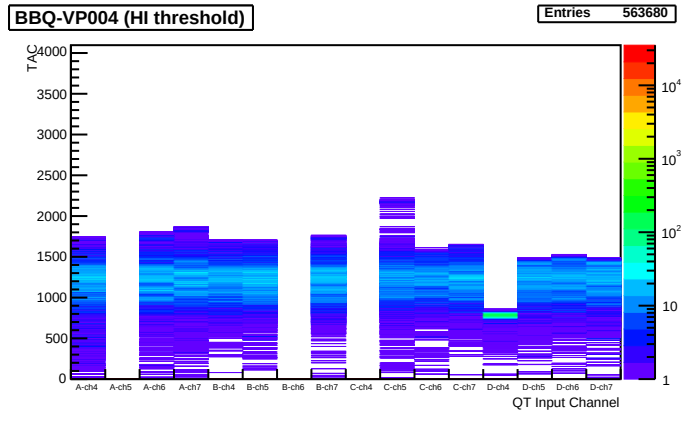

BBQ-VP002 (LO threshold)
Entries 563680
ADC
QT Input Channel

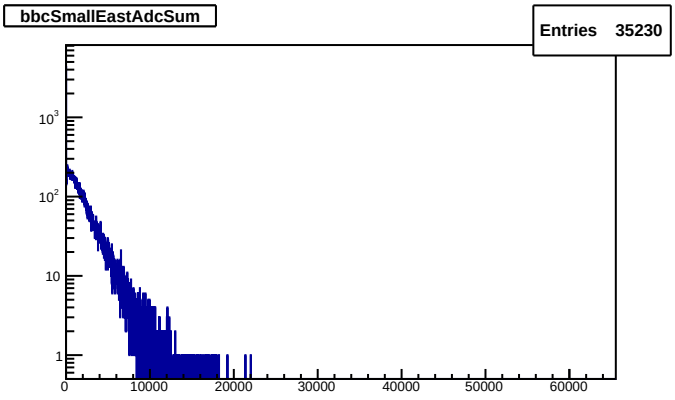

BBQ-VP002 (LO threshold)
Entries 563680
TAC
QT Input Channel

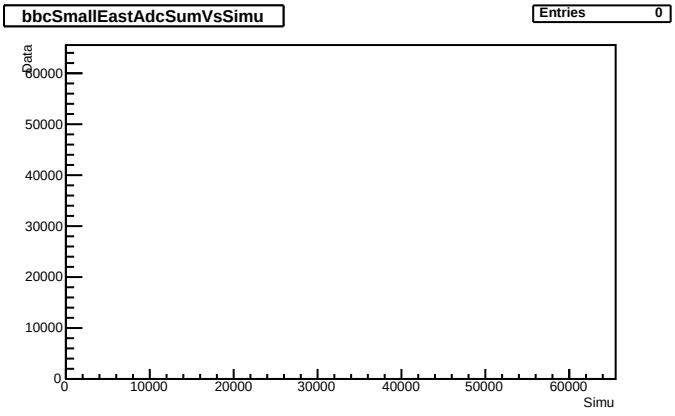

BBQ-VP003 (HI threshold)
Entries 563680
ADC
QT Input Channel

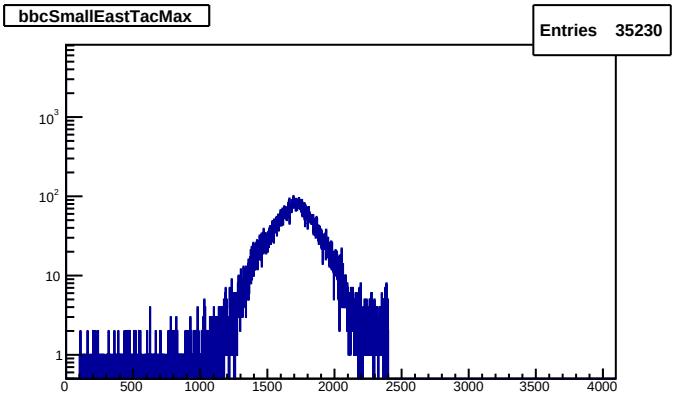

BBQ-VP003 (HI threshold)
Entries 563680
TAC
QT Input Channel

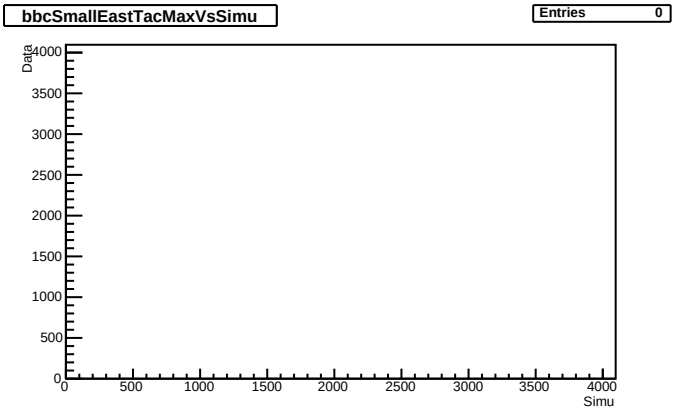

BBQ-VP004 (HI threshold)
Entries 563680
ADC
QT Input Channel

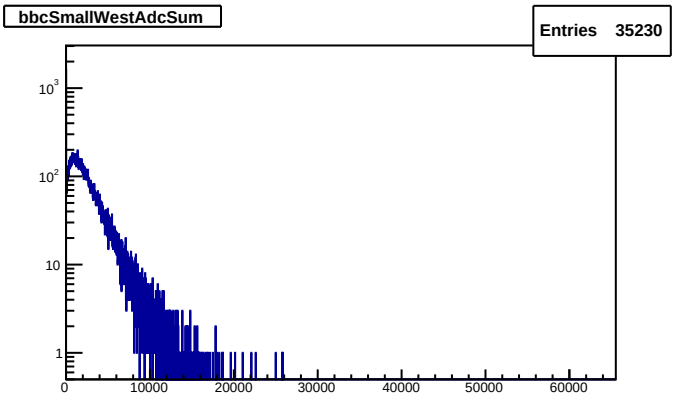

BBQ-VP004 (HI threshold)
Entries 563680
TAC
QT Input Channel

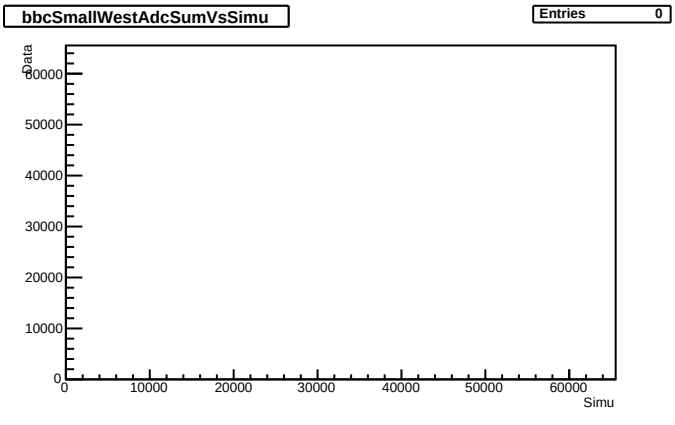

bbcSmallEastAdcSum
Entries 35230

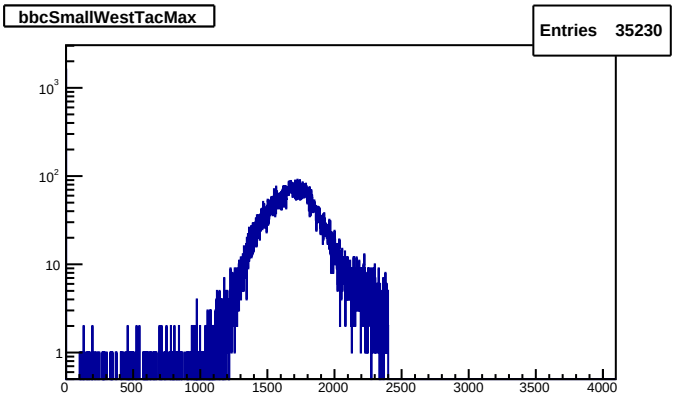

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

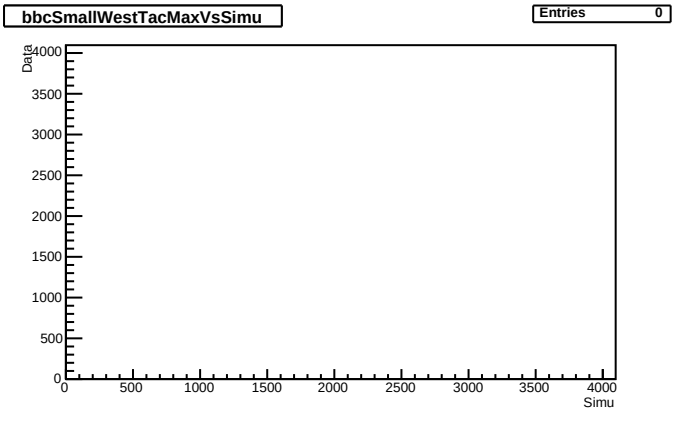

bbcSmallEastTacMax
Entries 35230

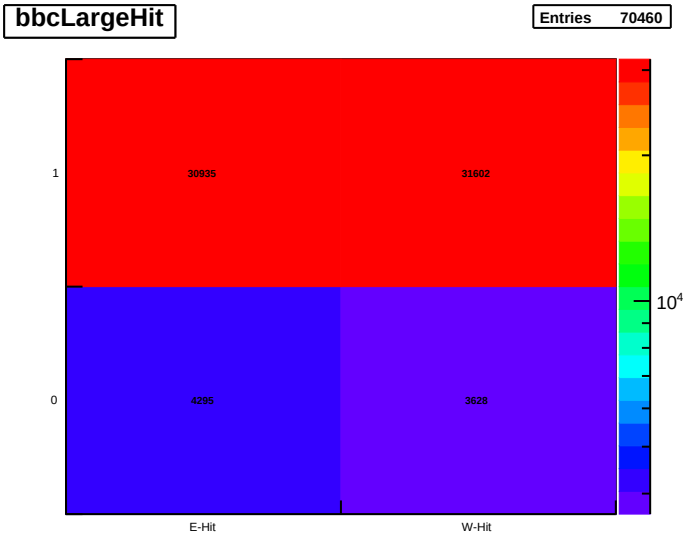

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

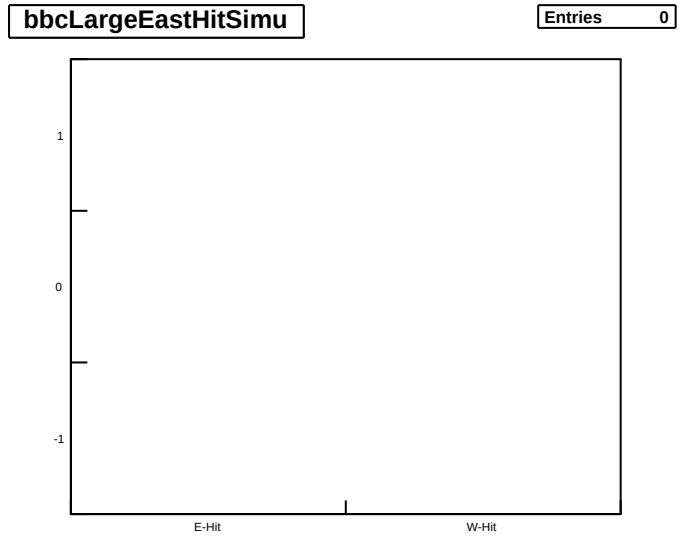

bbcSmallWestAdcSum
Entries 35230

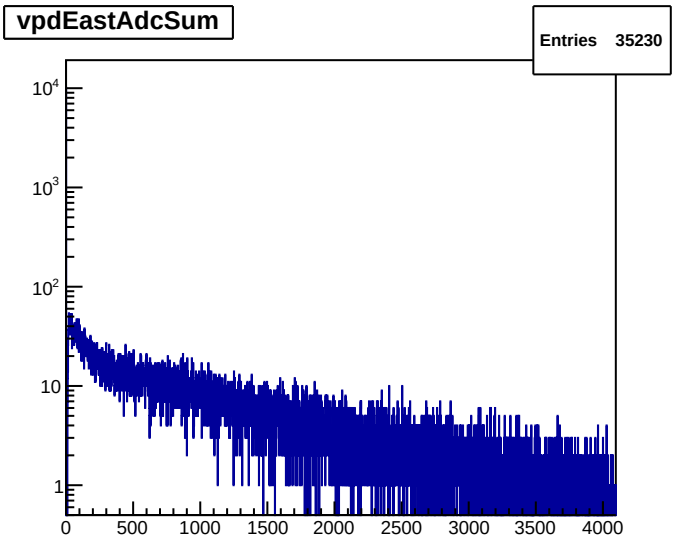

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

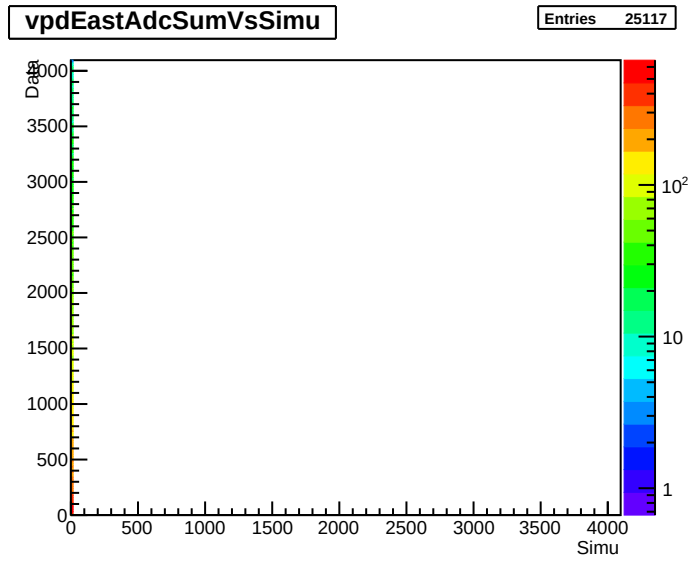

bbcSmallWestTacMax
Entries 35230

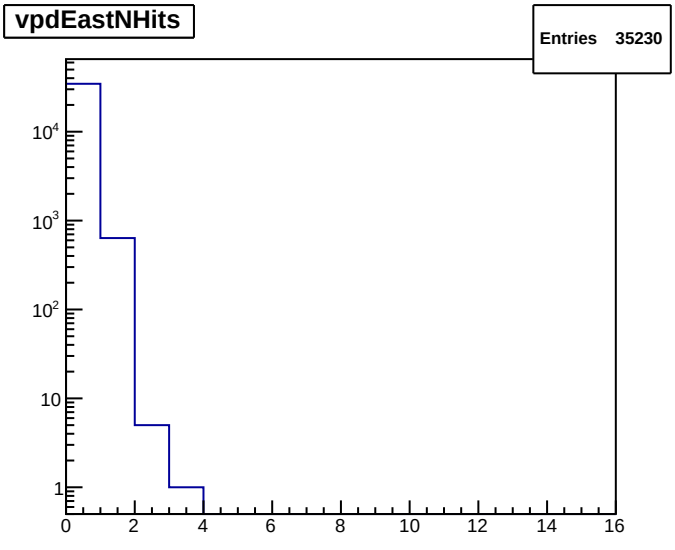

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

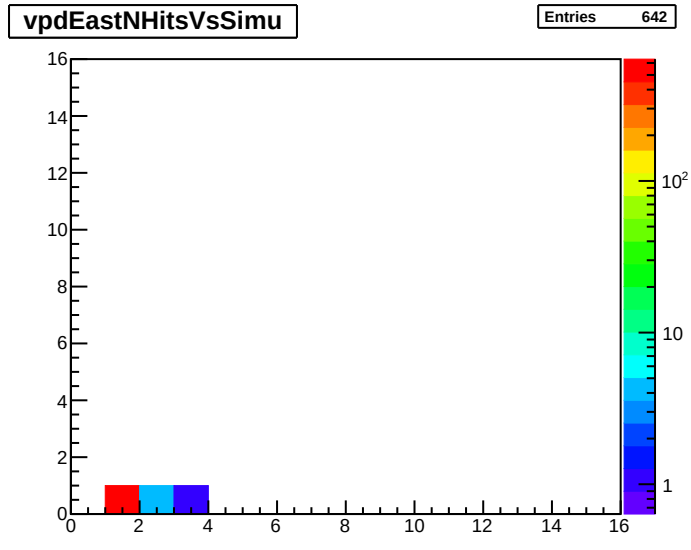

bbcLargeHit
Entries 70460
1
0
30935
31602
4295
3628
E-Hit
W-Hit
10^4

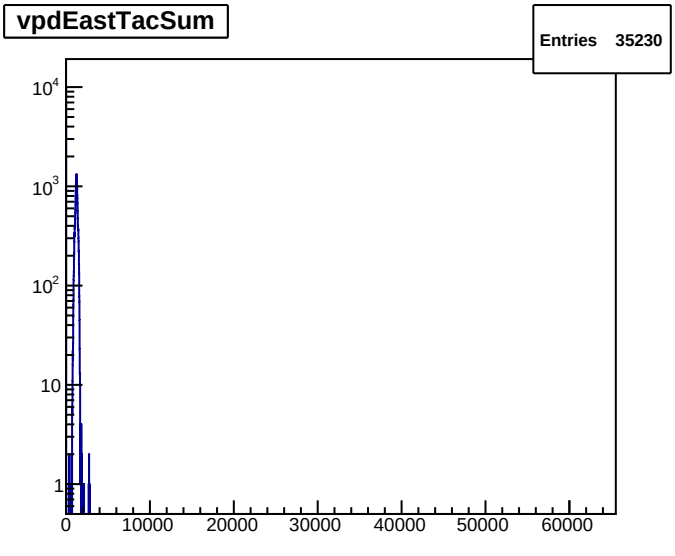

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

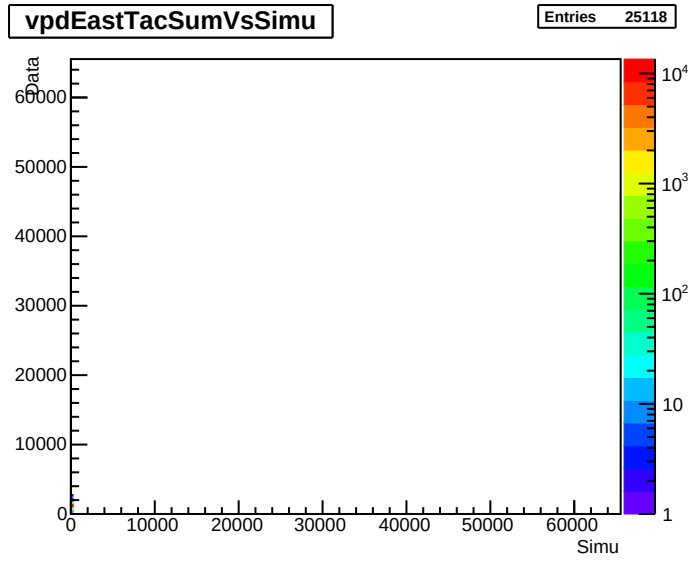

vpdEastAdcSum
Entries 35230

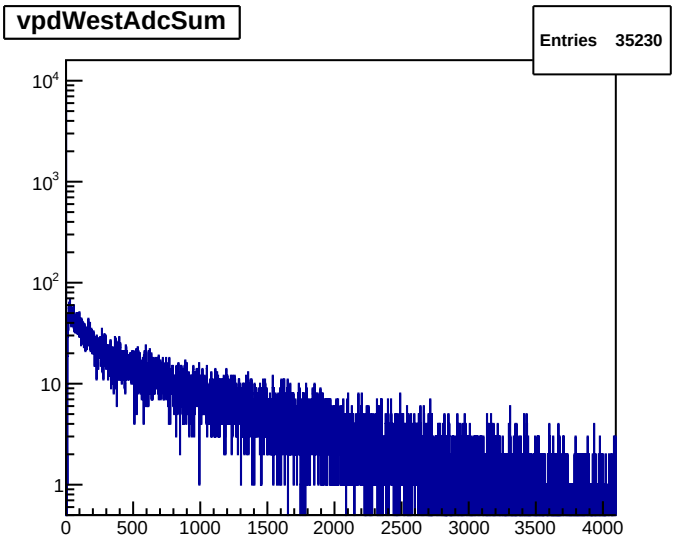

vpdEastAdcSumVsSimu
Entries 25117
Data
Simu

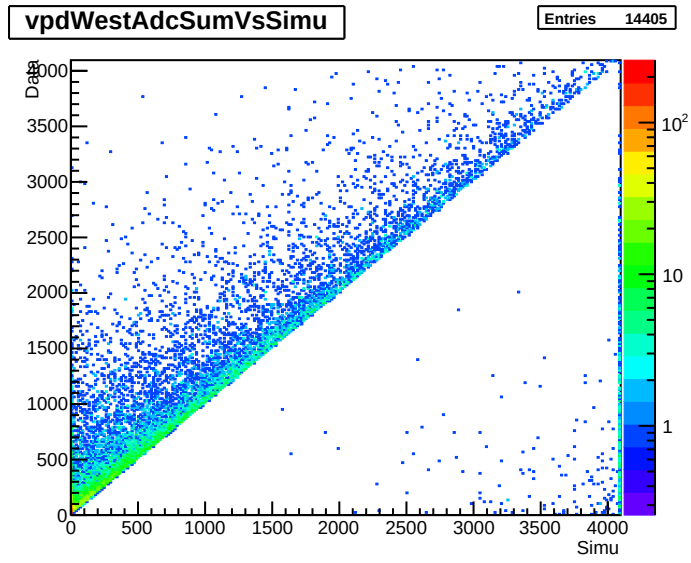

vpdEastNHits
Entries 35230

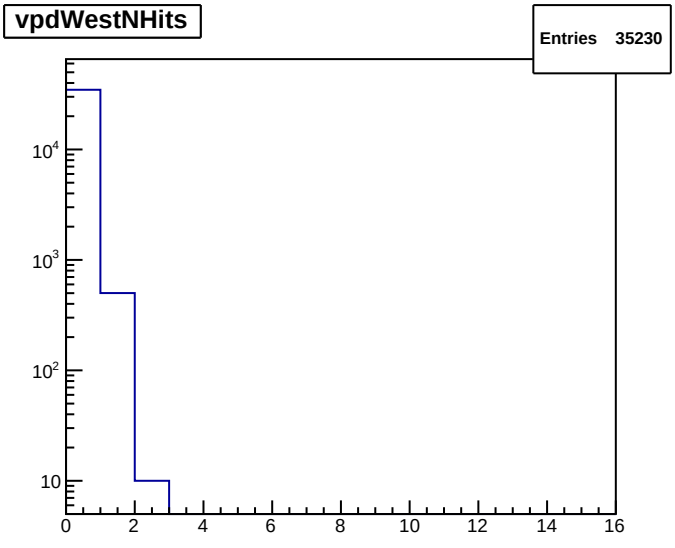

vpdEastNHitsVsSimu
Entries 642

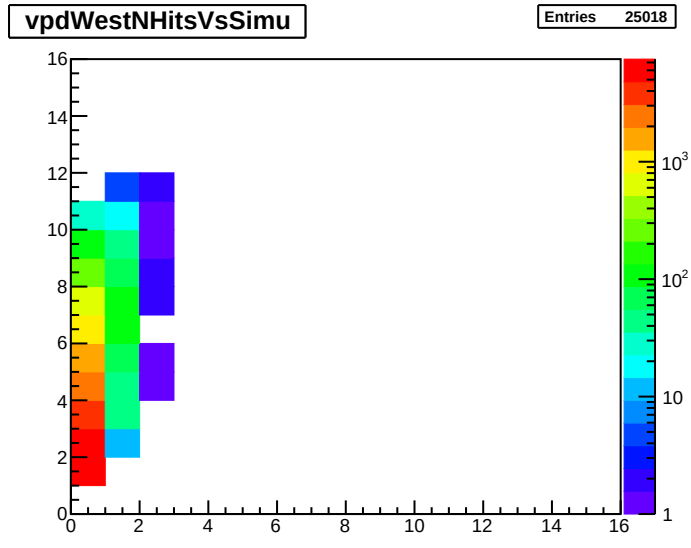

vpdEastTacSum
Entries 35230

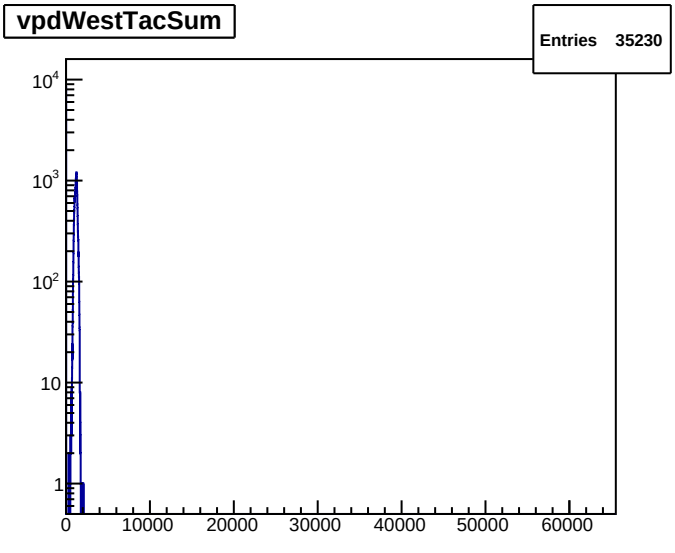

vpdEastTacSumVsSimu
Entries 25118
Data
Simu

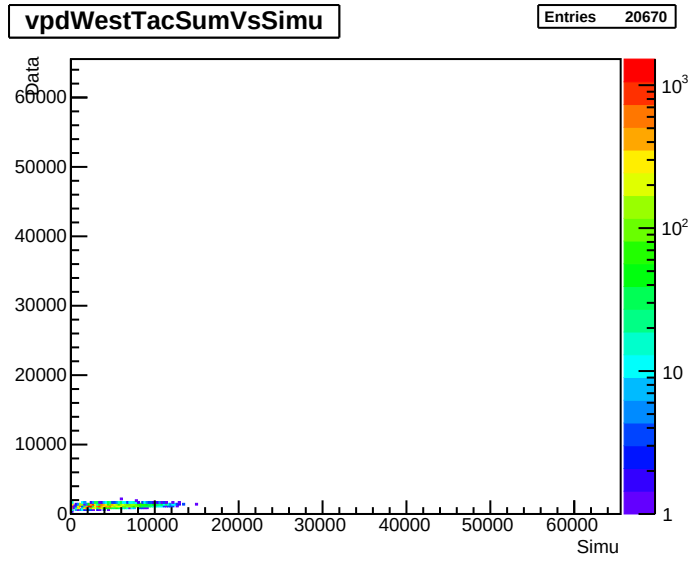

vpdWestAdcSum
Entries 35230

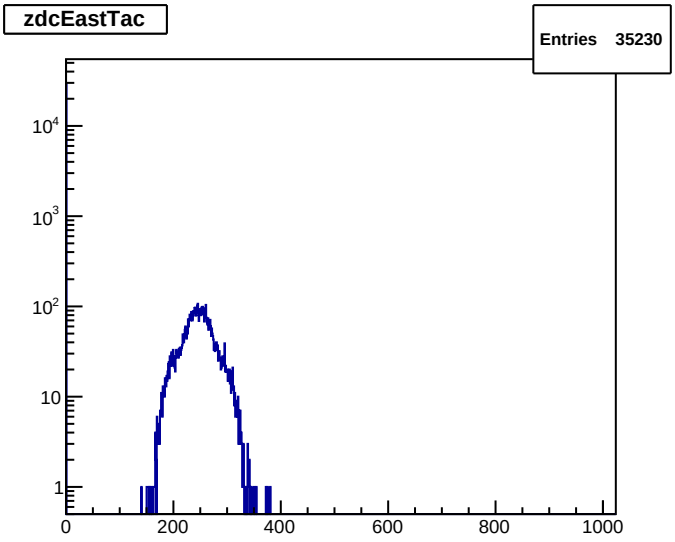

vpdWestAdcSumVsSimu
Entries 14405
Data
Simu

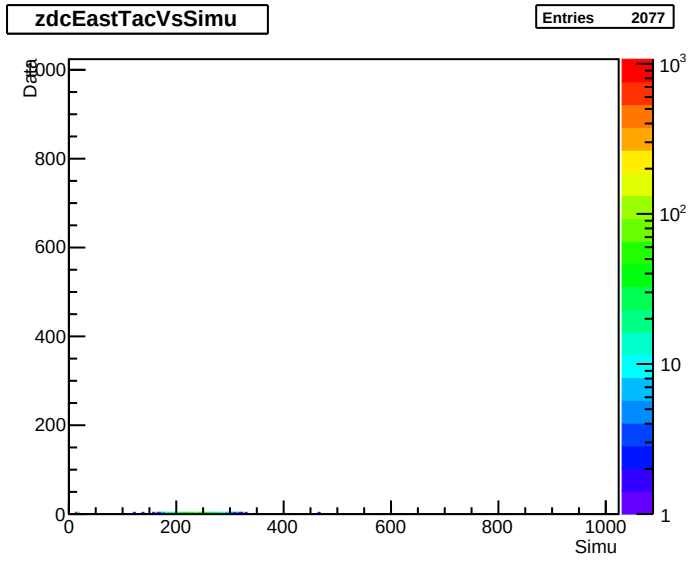

vpdWestNHits
Entries 35230

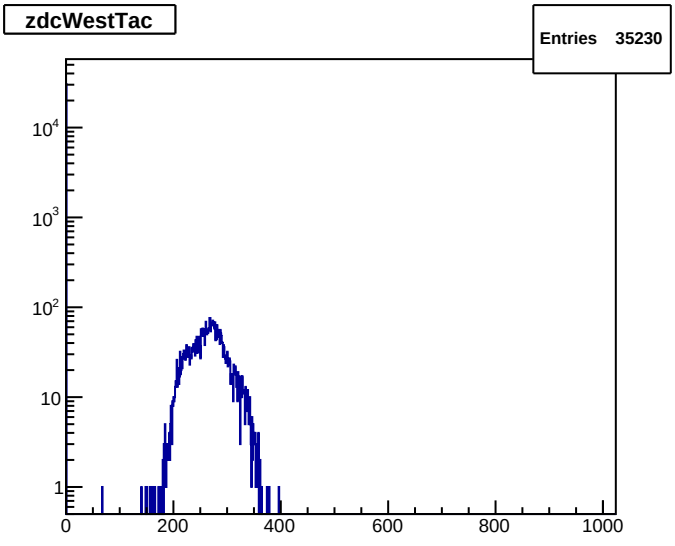

vpdWestNHitsVsSimu
Entries 25018

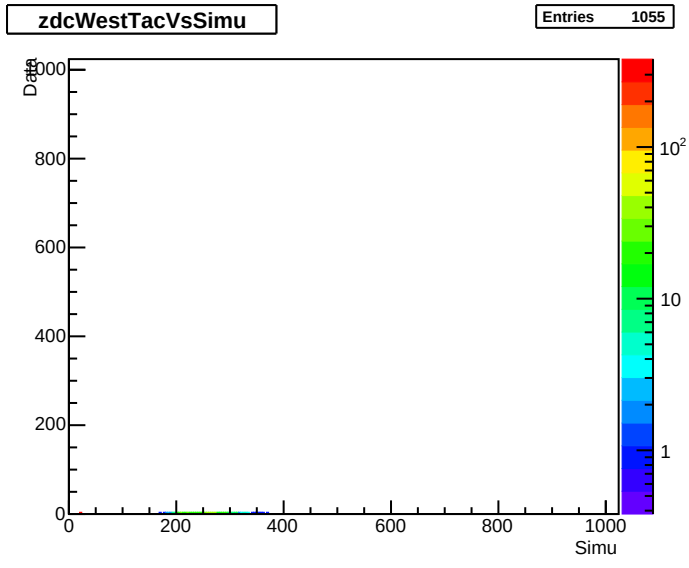

vpdWestTacSum
Entries 35230

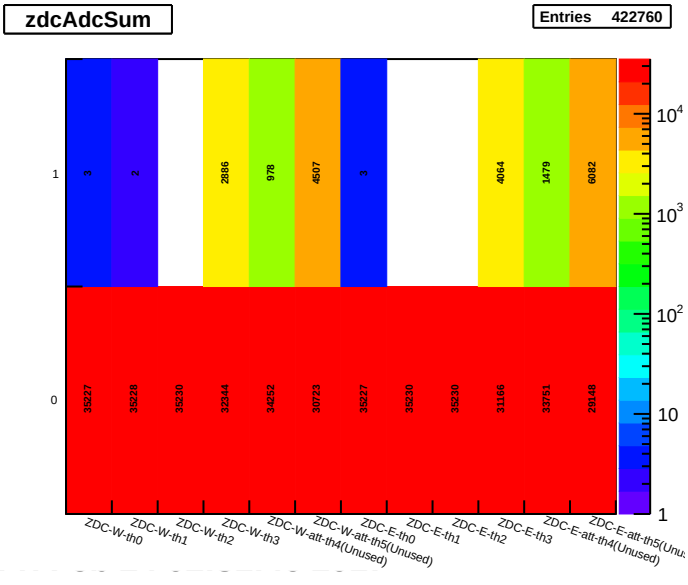

vpdWestTacSumVsSimu
Entries 20670
Data
Simu

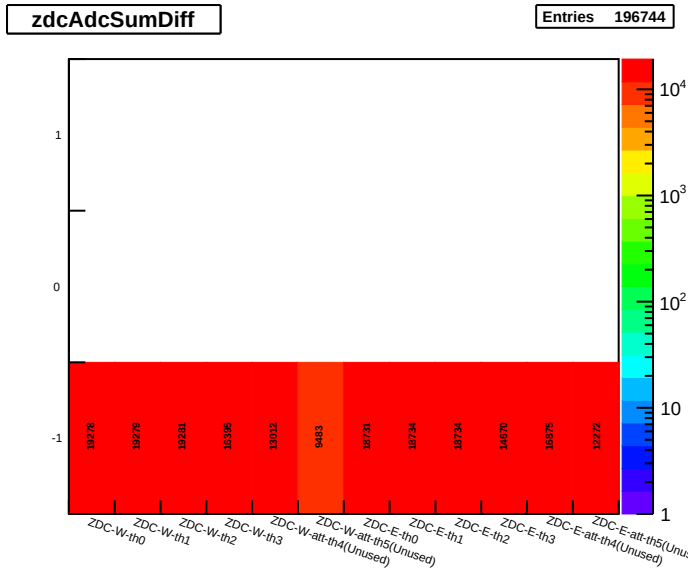

zdcEastTac
Entries 35230

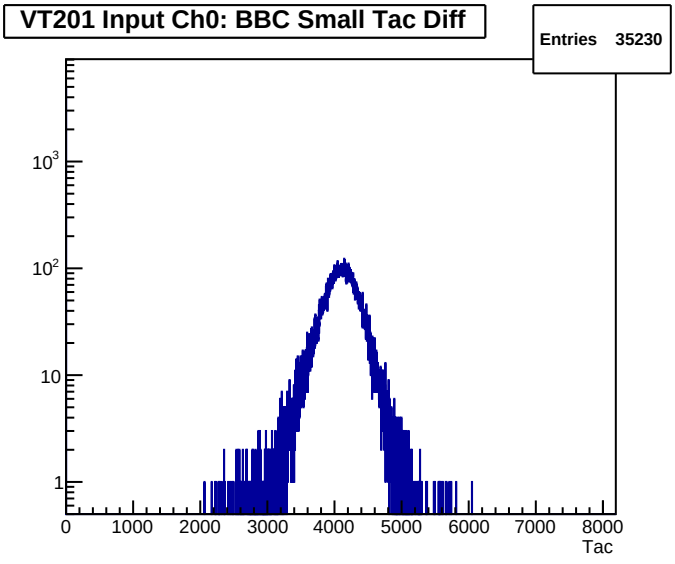

zdcEastTacVsSimu
Entries 2077
Data
Simu

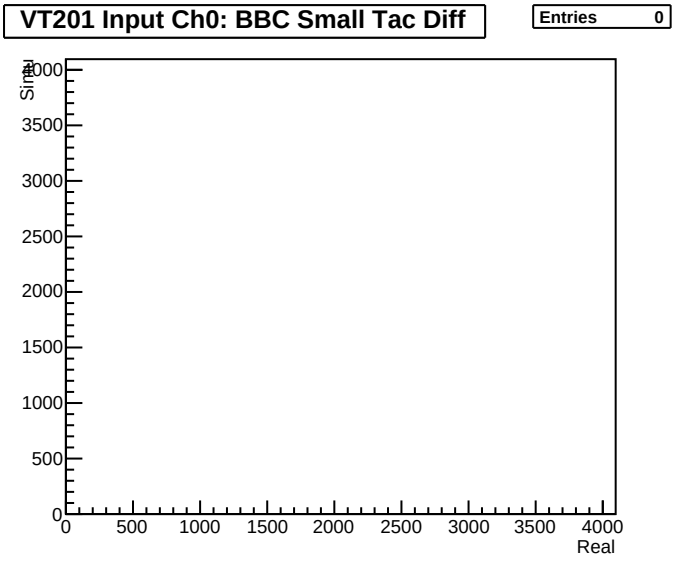

zdcWestTac
Entries 35230

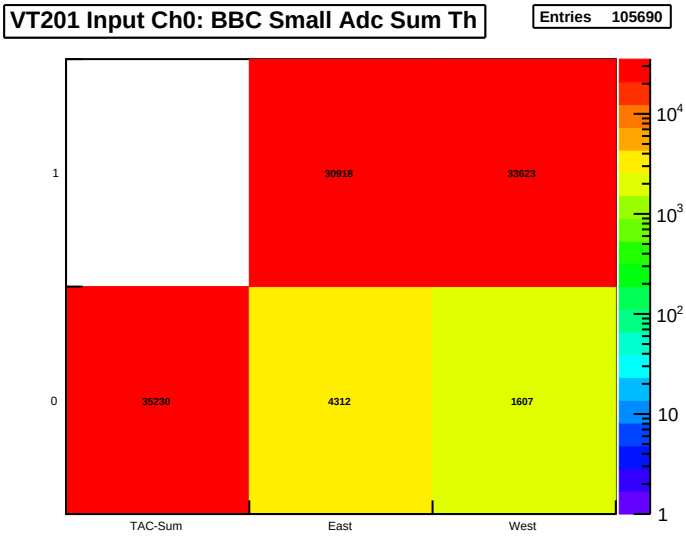

zdcWestTacVsSimu
Entries 1055
Data
Simu

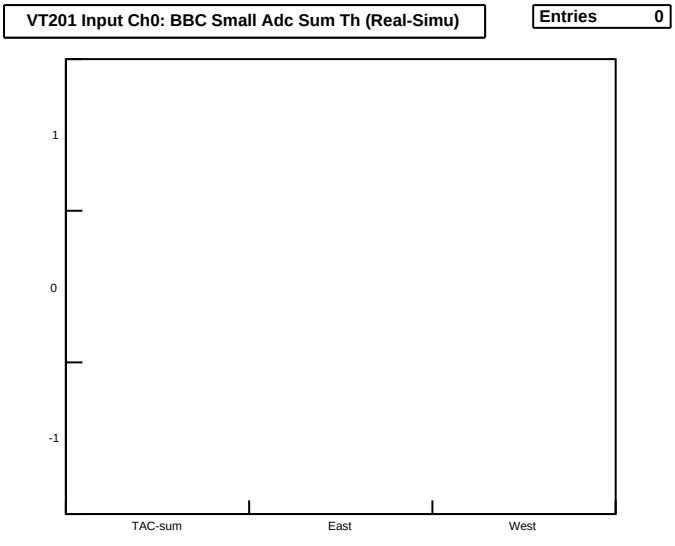

zdcAdcSum
Entries 422760
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

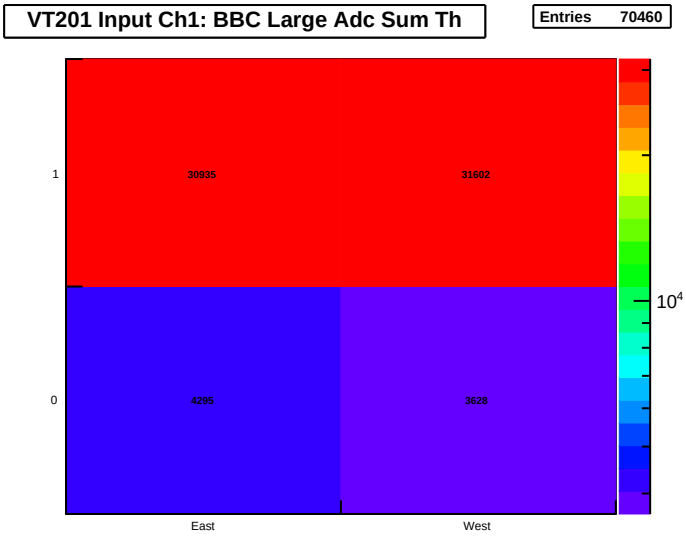

zdcAdcSumDiff
Entries 196744
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

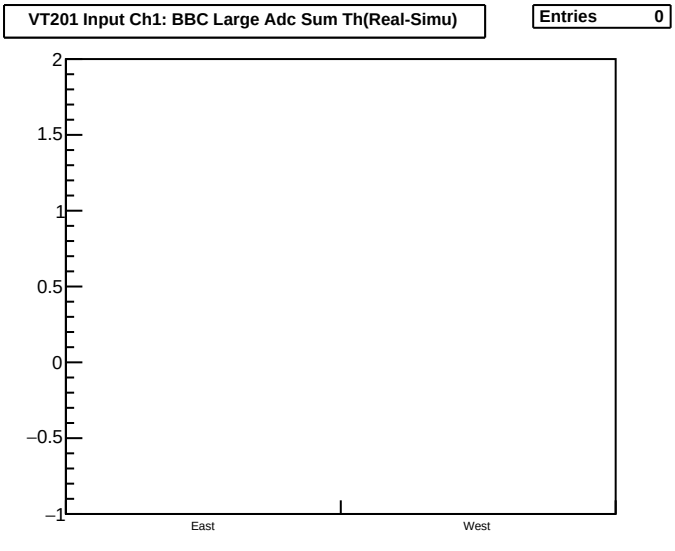

VT201 Input Ch0: BBC Small Tac Diff
Entries 35230
Tac


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

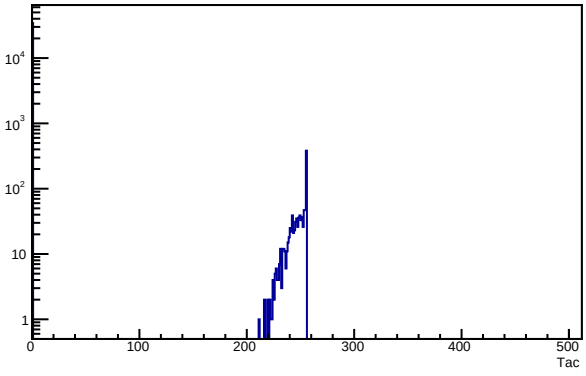

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 105690
30918
33623
35230
4312
1607
TAC-Sum
East
West


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

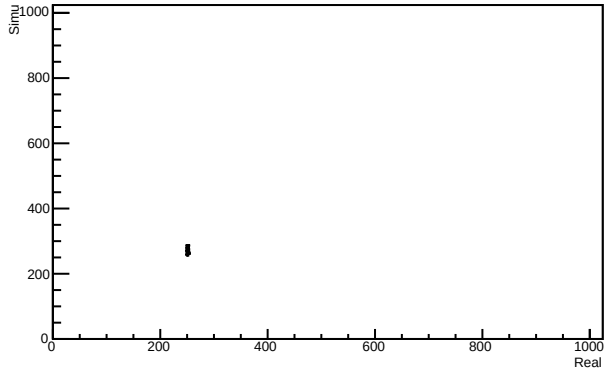

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 70460
30935
31602
4295
3628
East
West


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

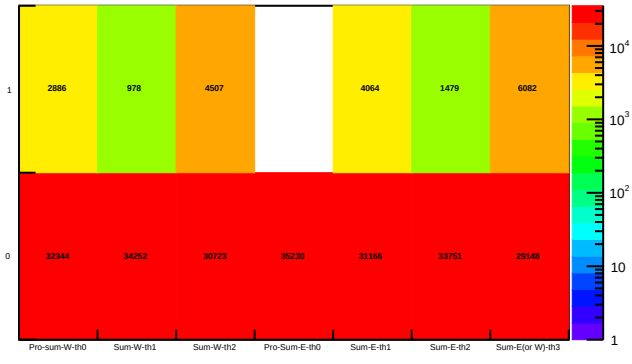
VT201 Input Ch2: ZDC Tac Diff



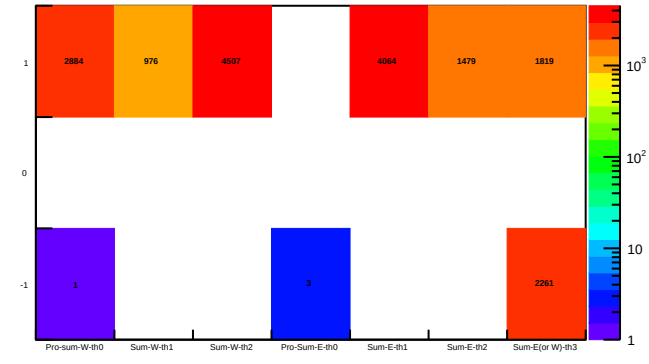
VT201 Input Ch2: ZDC Tac Diff



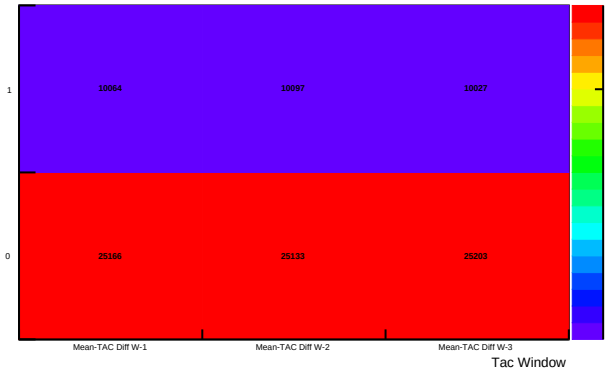
VT201 Input Ch2: ZDC Adc Sum Th



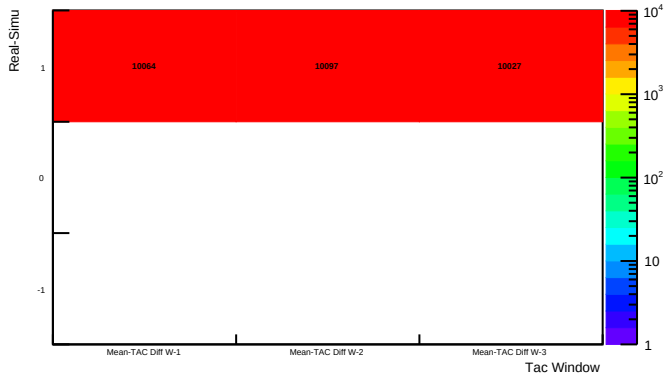
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



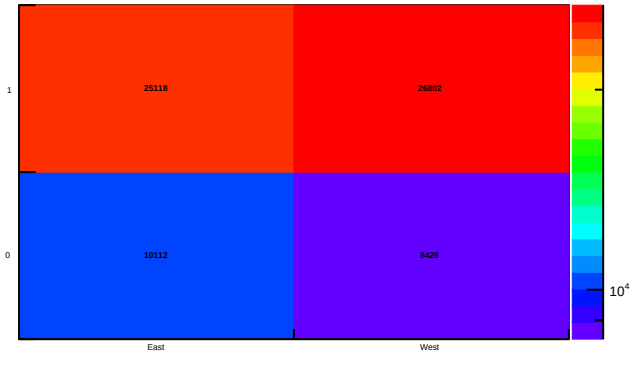
VT201 Input Ch4: VPD Tac Diff



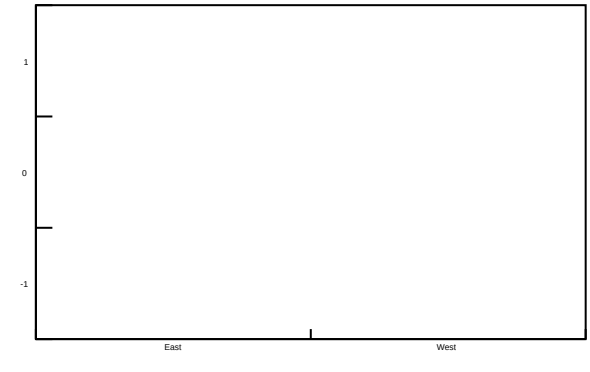
VT201 Input Ch4: VPD Tac Diff

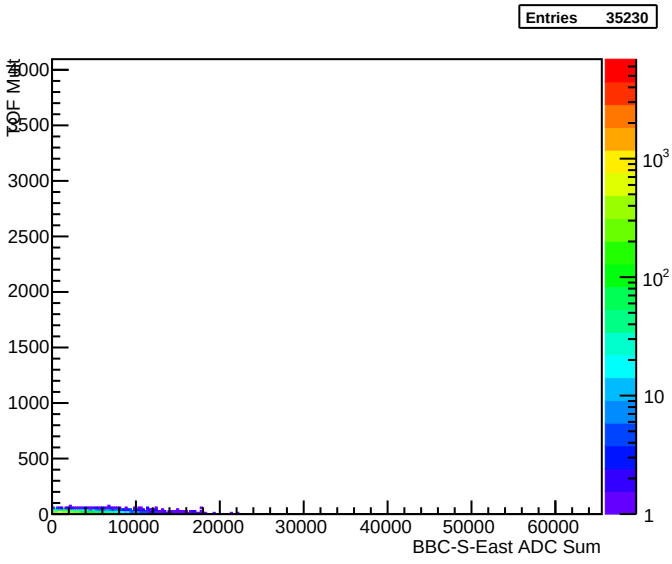


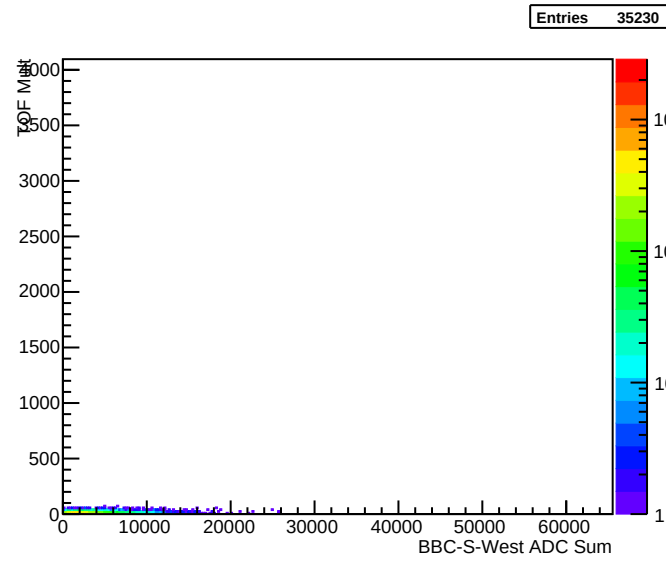
VT201 Input Ch4: VPD Adc Sum Th

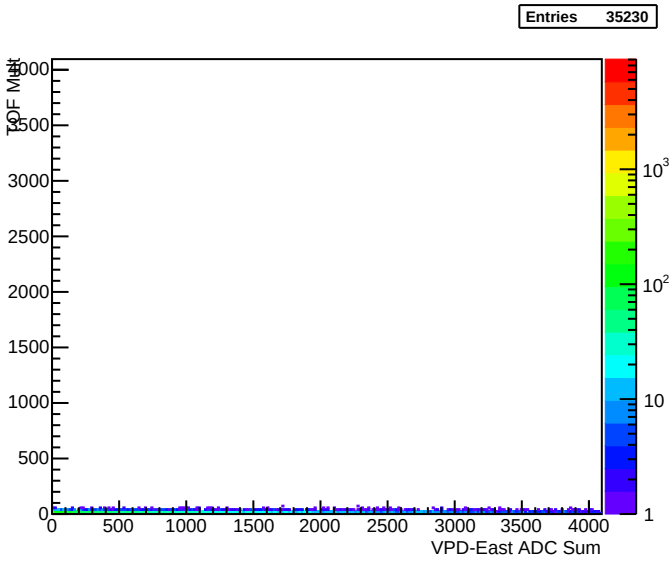


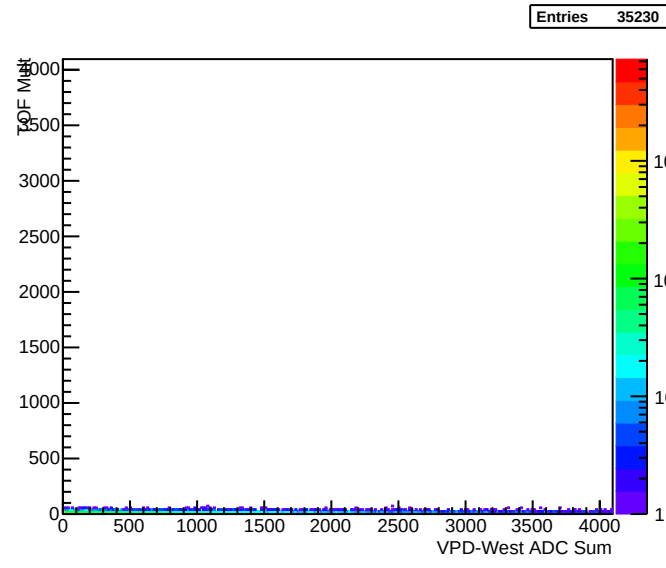
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

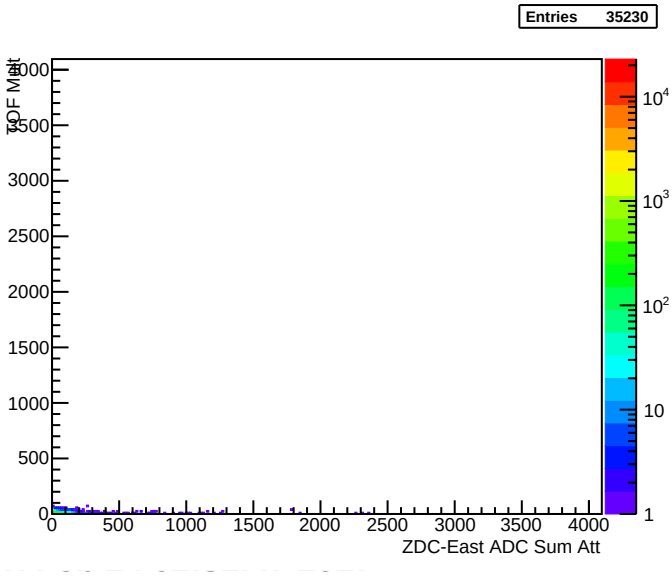


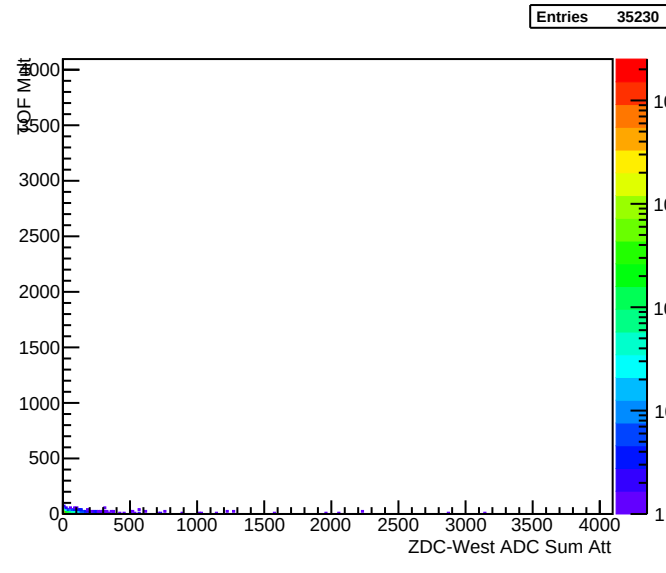

Entries 35230
TOF Mult
BBC-S-East ADC Sum

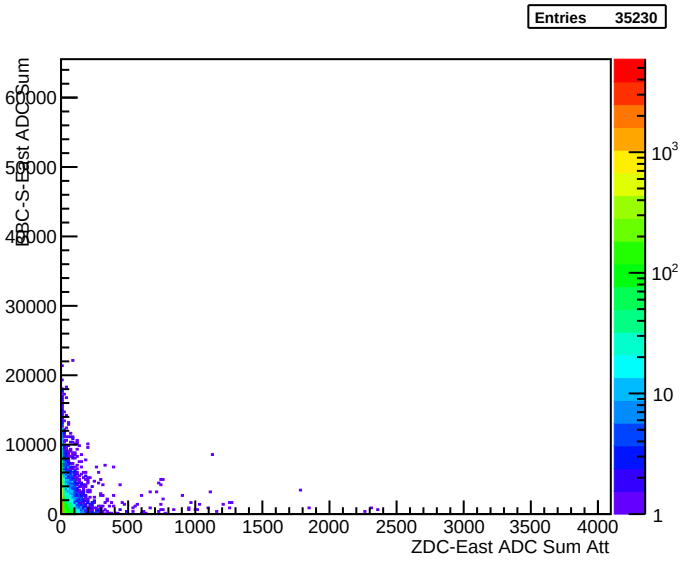

Entries 35230
TOF Mult
BBC-S-West ADC Sum

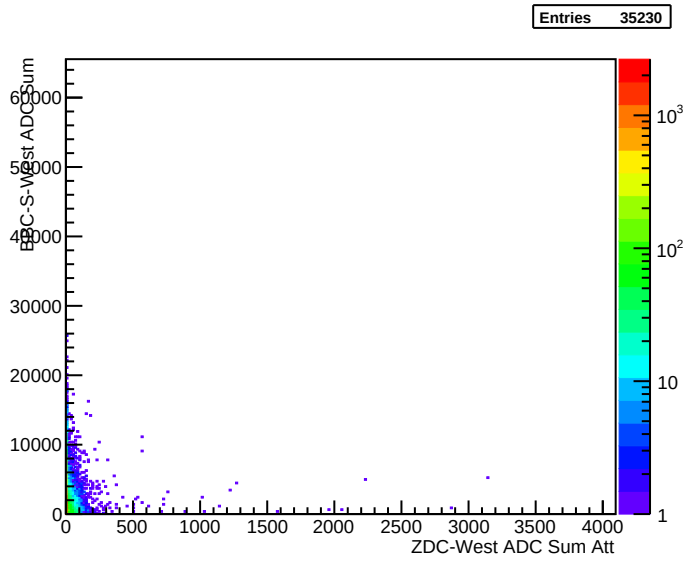

Entries 35230
TOF Mult
VPD-East ADC Sum

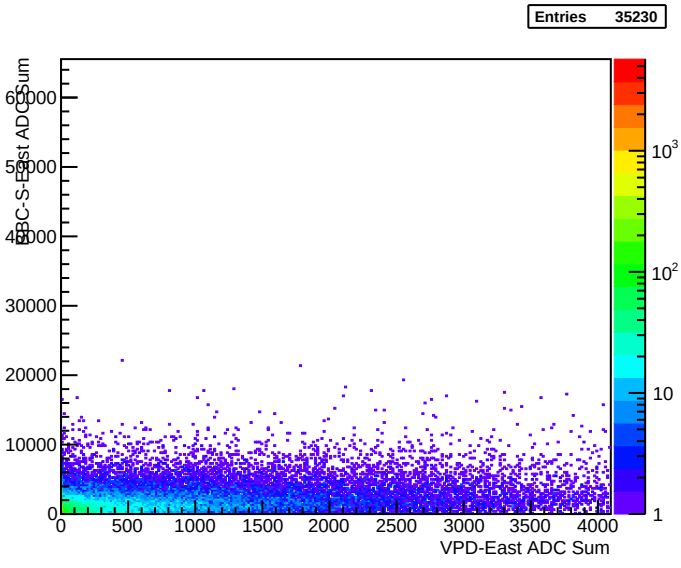

Entries 35230
TOF Mult
VPD-West ADC Sum

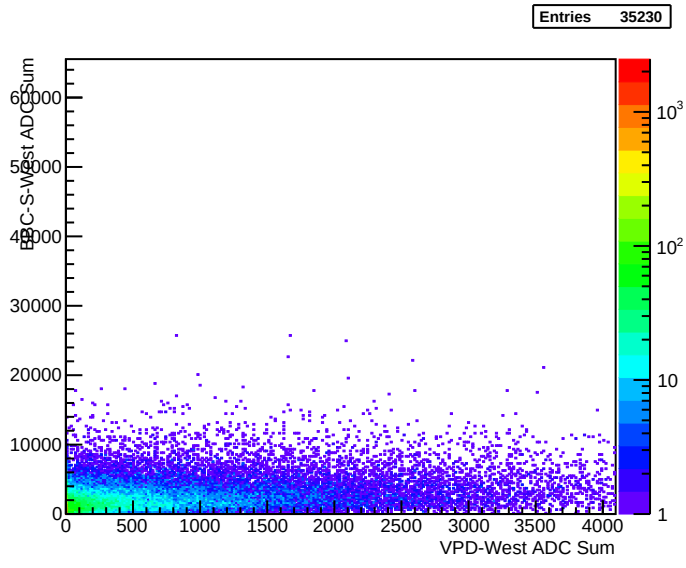

Entries 35230
TOF Mult
ZDC-East ADC Sum Att

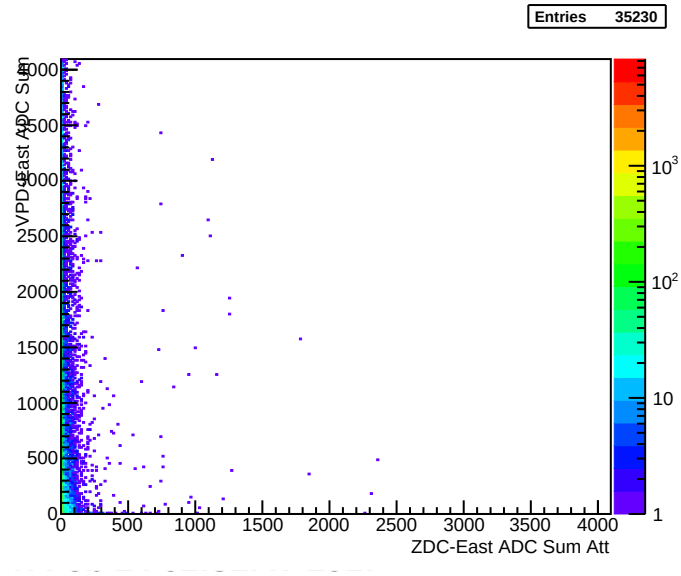

Entries 35230
TOF Mult
ZDC-West ADC Sum Att

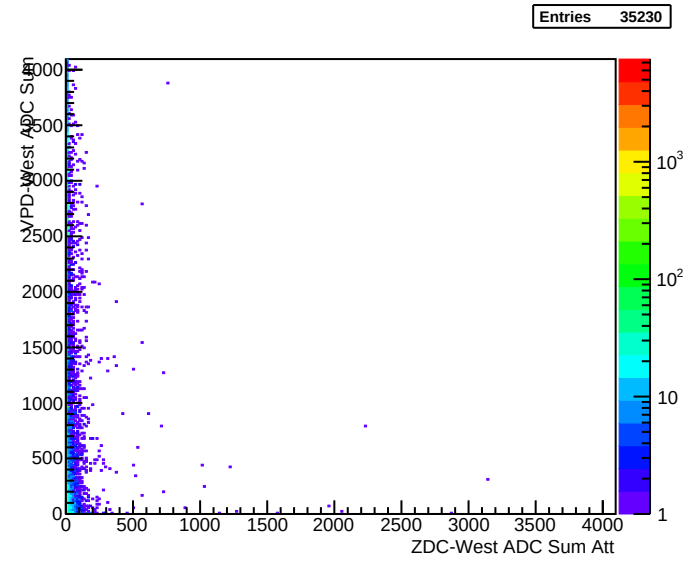

Entries 35230
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

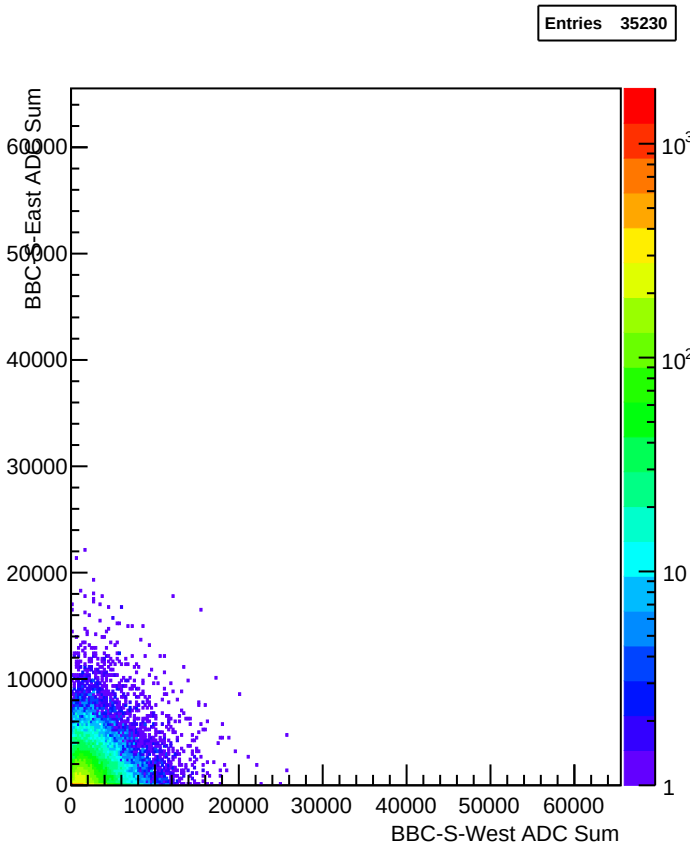

Entries 35230
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

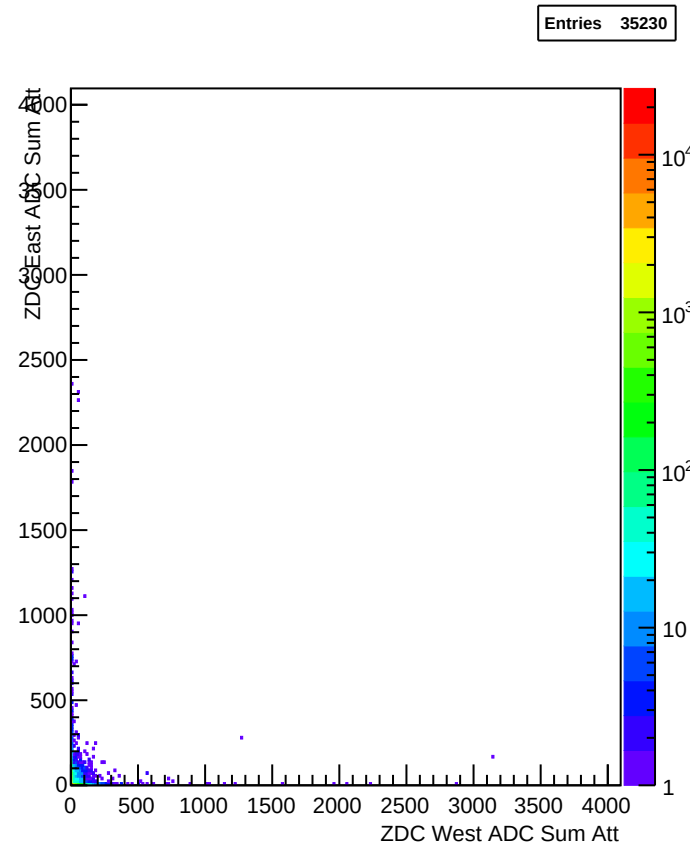

Entries 35230
BBC-S-East ADC Sum
VPD-East ADC Sum

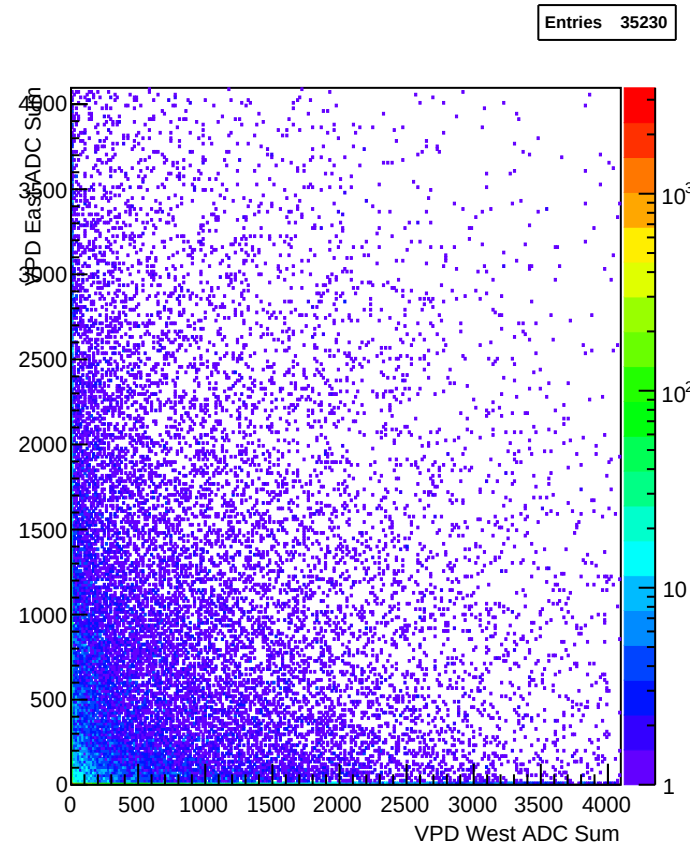

Entries 35230
BBC-S-West ADC Sum
VPD-West ADC Sum

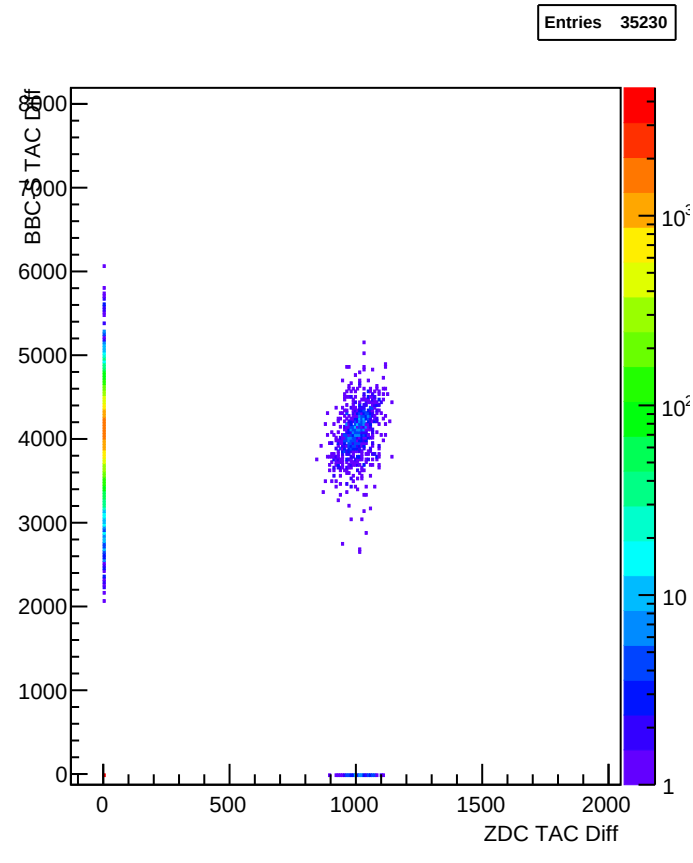

Entries 35230
VPD-East ADC Sum
ZDC-East ADC Sum Att

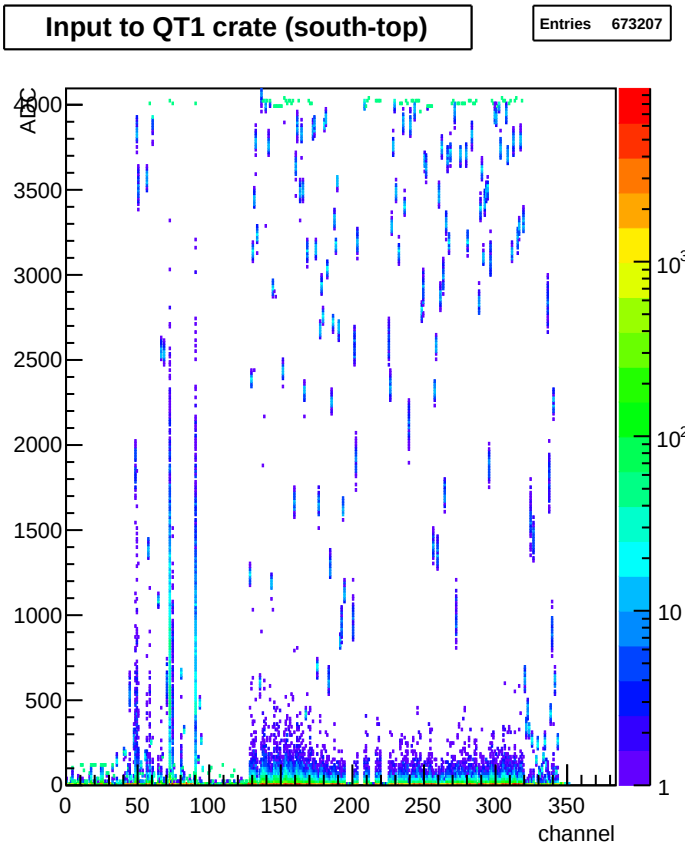

Entries 35230
VPD-West ADC Sum
ZDC-West ADC Sum Att

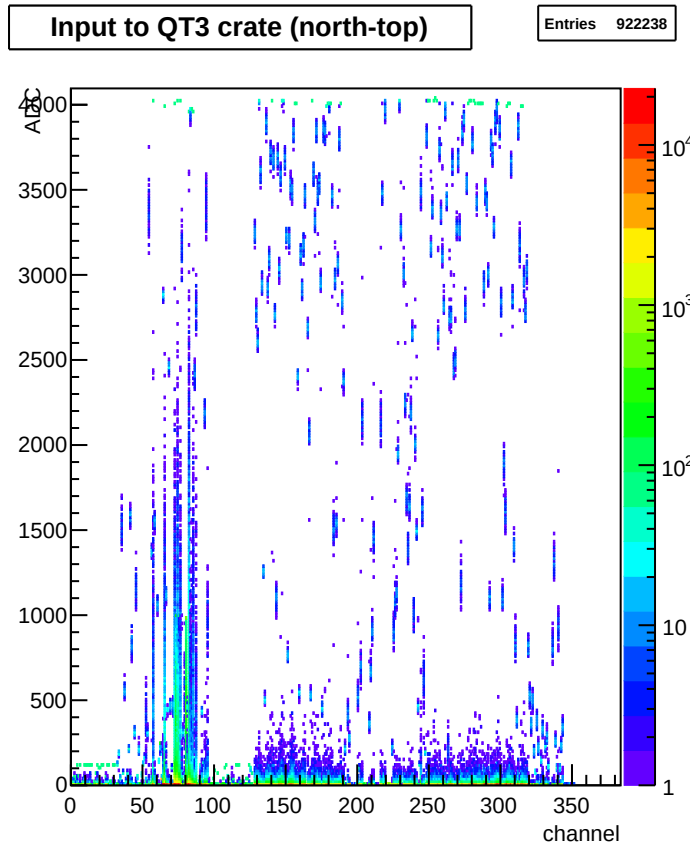

Entries 35230
BBC-S-East ADC Sum
BBC-S-West ADC Sum

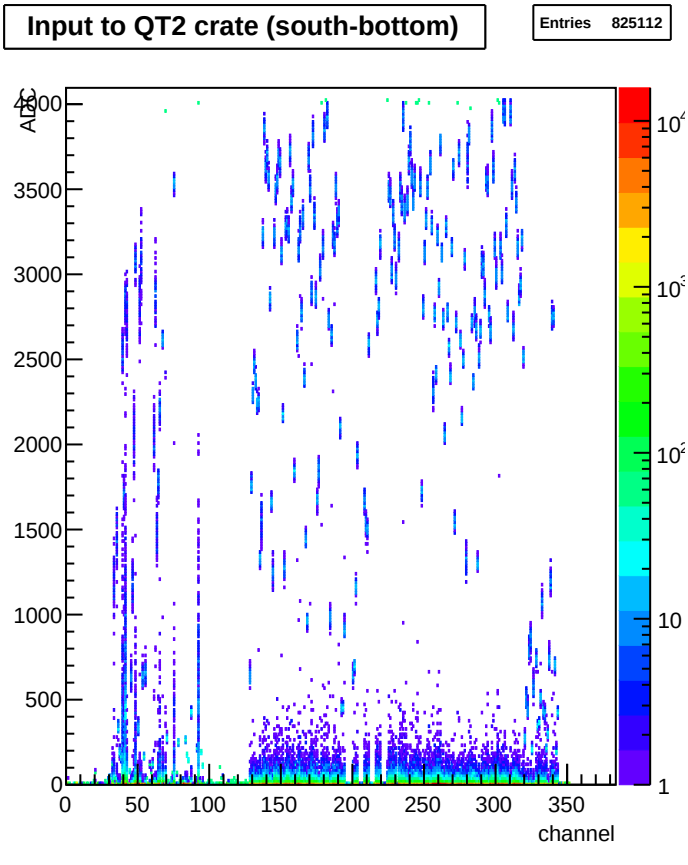

Entries 35230
ZDC East ADC Sum Att
ZDC West ADC Sum Att

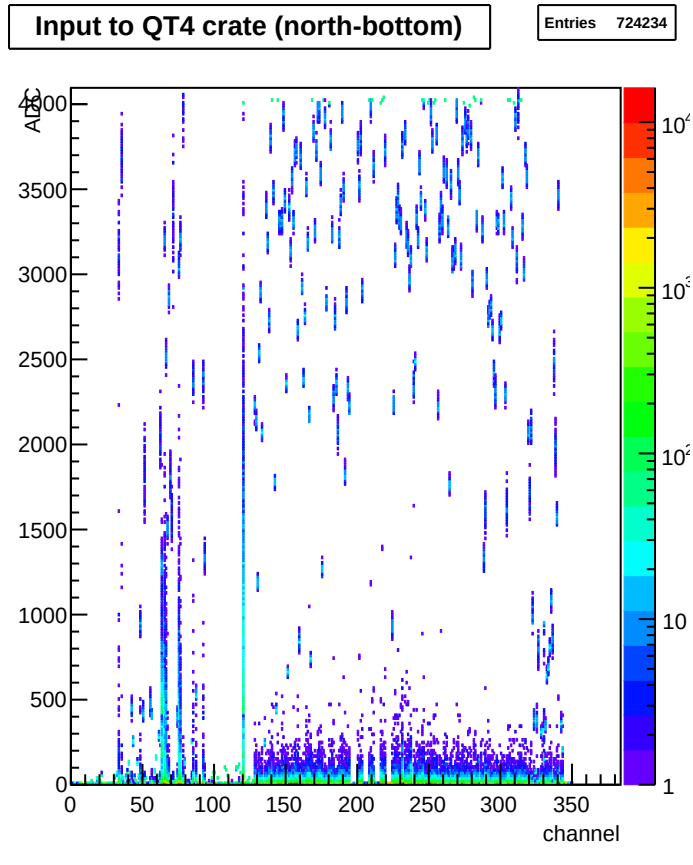

Entries 35230
VPD East ADC Sum
VPD West ADC Sum

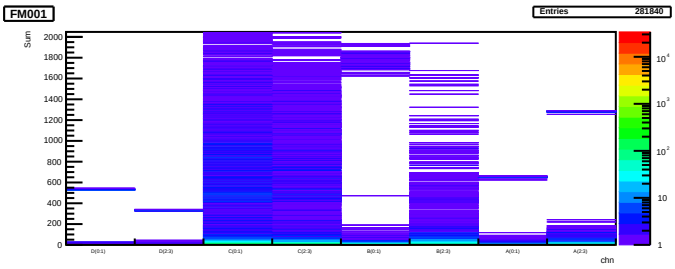

Entries 35230
BBC-S TAC Diff
ZDC TAC Diff

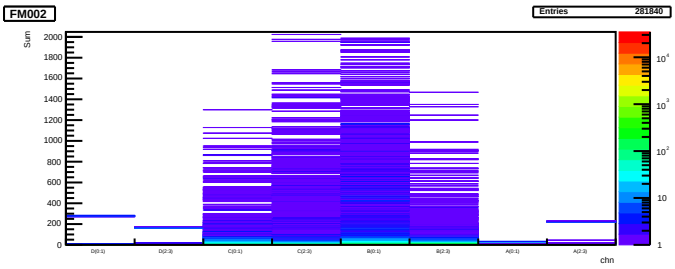

Input to QT1 crate (south-top)
Entries 673207
ADC
channel

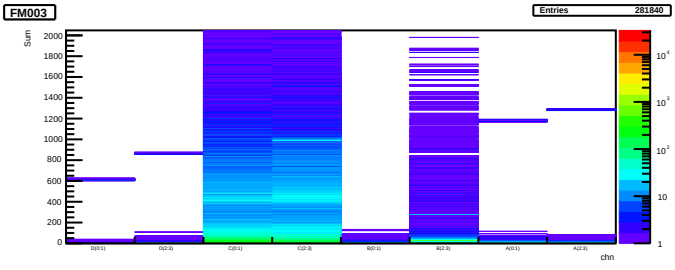

Input to QT3 crate (north-top)
Entries 922238
ADC
channel

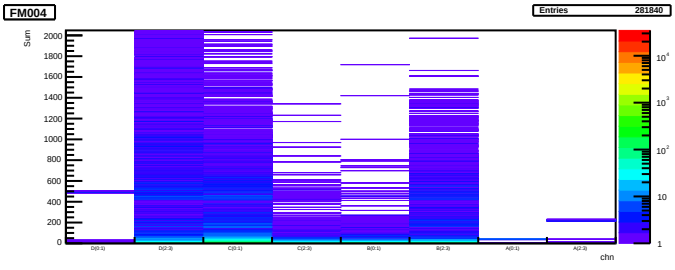

Input to QT2 crate (south-bottom)
Entries 825112
ADC
channel

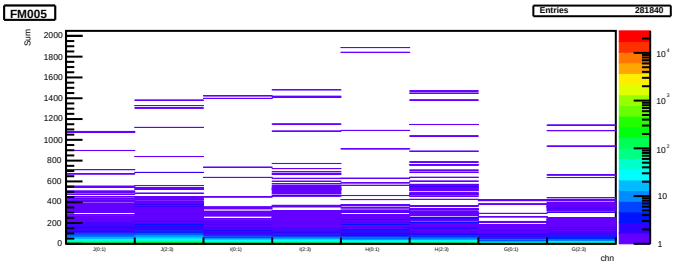

Input to QT4 crate (north-bottom)
Entries 724234
ADC
channel

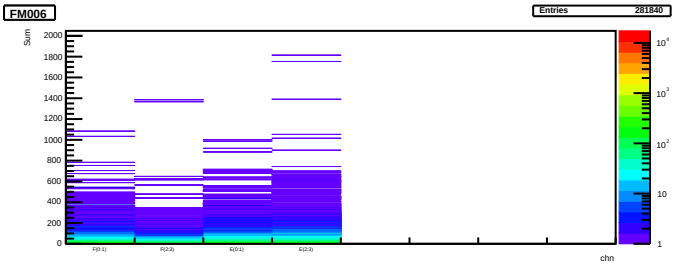

FM001
Entries 281840
Sum
chn

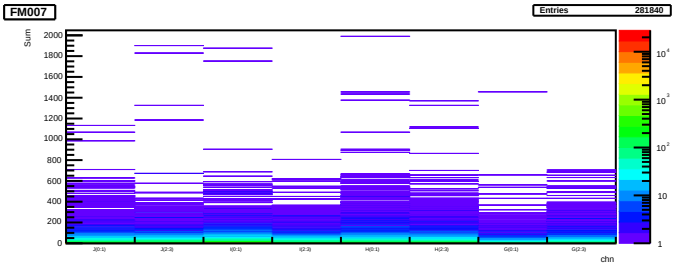

FM002
Entries 281840
Sum
chn

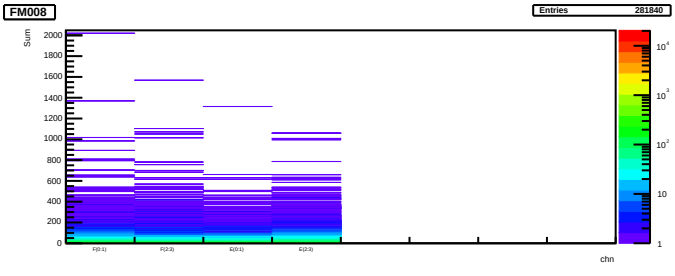

FM003
Entries 281840
Sum
chn

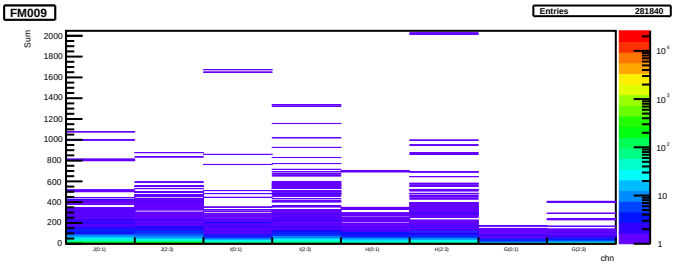

FM004
Entries 281840
Sum
chn

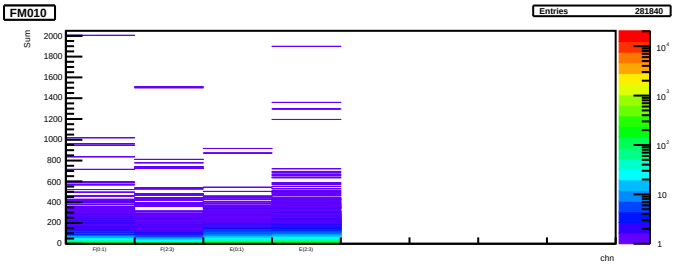

FM005
Entries 281840
Sum
chn

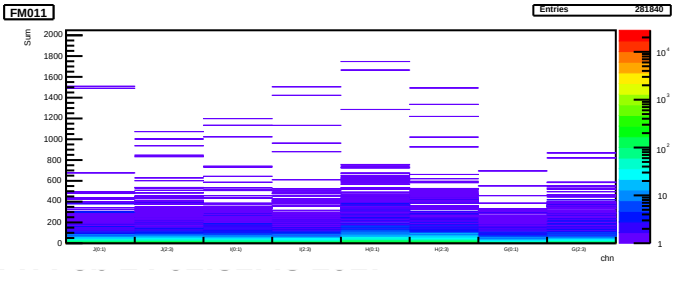

FM006
Entries 281840
Sum
chn

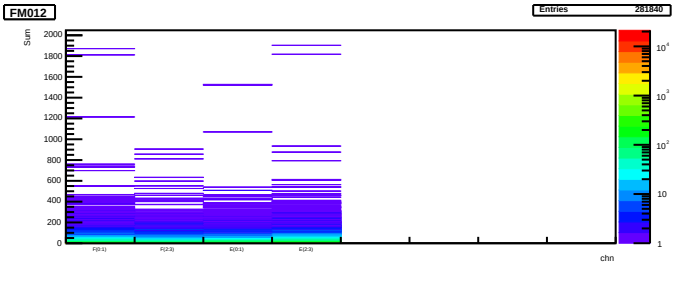

FM007
Entries 281840
Sum
chn

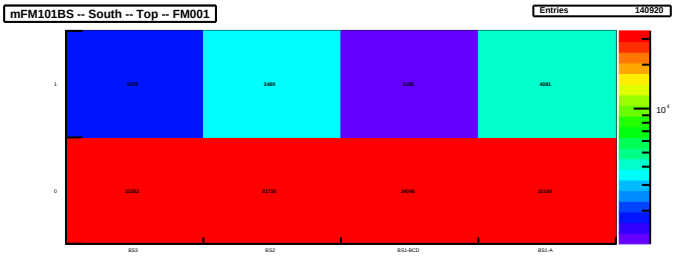

FM008
Entries 281840
Sum
chn

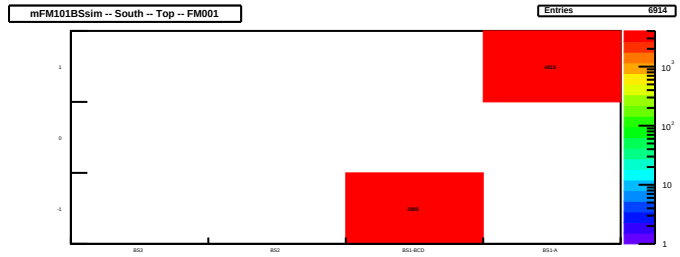

FM009
Entries 281840
Sum
chn

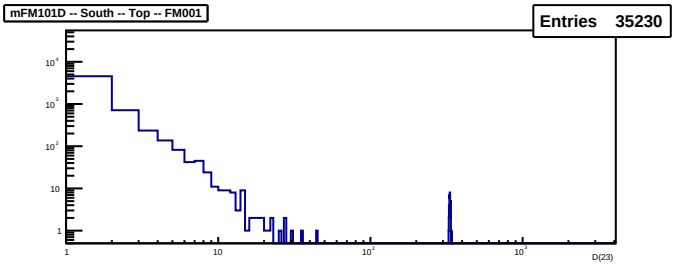

FM010
Entries 281840
Sum
chn

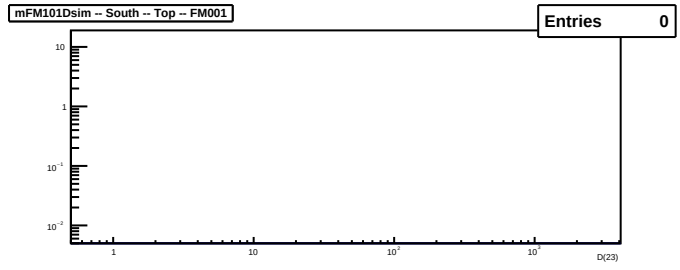

FM011
Entries 281840
Sum
chn

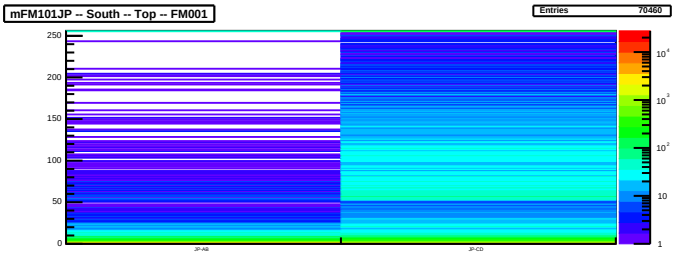

FM012
Entries 281840
Sum
chn

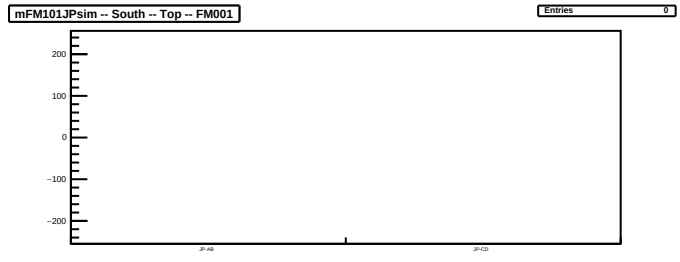

mFM101BS -- South -- Top -- FM001
Entries 140920
1175
3486
1165
4081
33352
31759
34045
31149
BS3
BS2
BS1-BCD
BS1-A

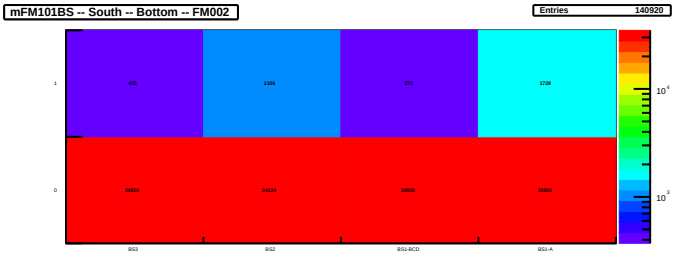

mFM101BSsim -- South -- Top -- FM001
Entries 6914
4919
2995
BS3
BS2
BS1-BCD
BS1-A

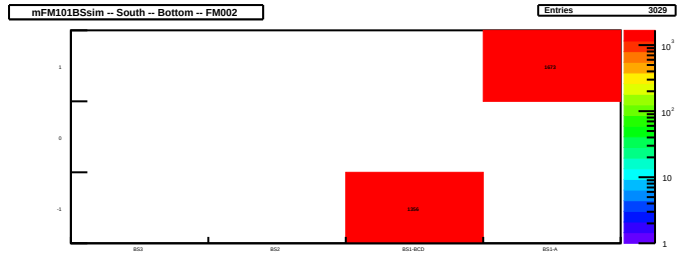

mFM101D -- South -- Top -- FM001
Entries 35230
D(23)

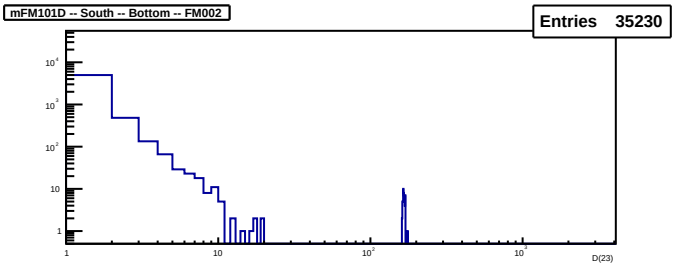

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

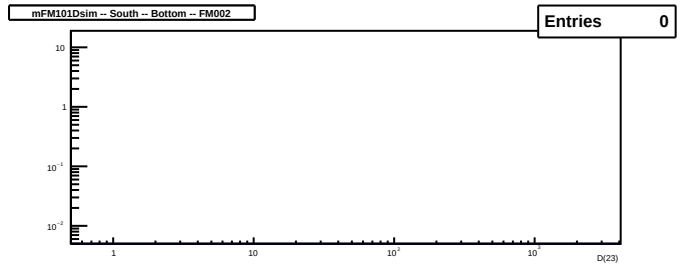

mFM101JP -- South -- Top -- FM001
Entries 70460
JP-AB
JP-CD


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


mFM101BS -- South -- Bottom -- FM002
Entries 140920
405
1186
372
1728
34025
34124
34058
33502
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 3029
1673
1356
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 35230
D(23)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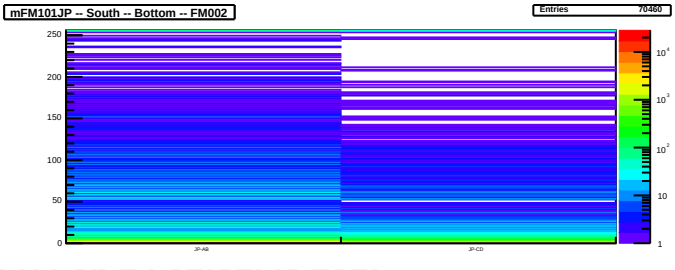
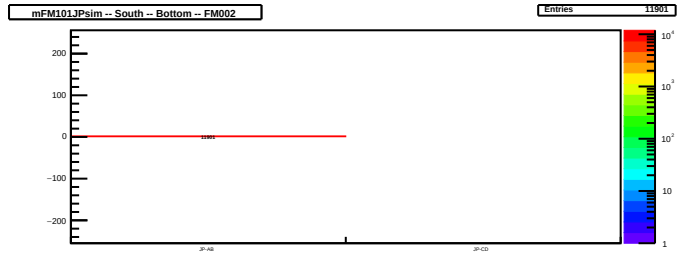
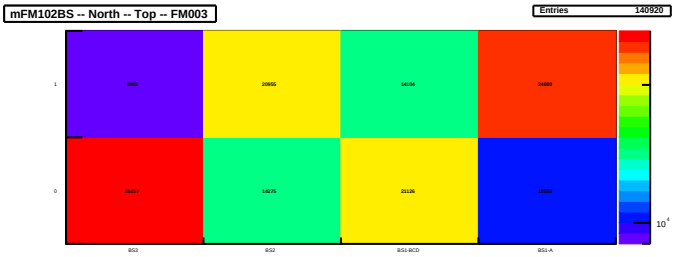
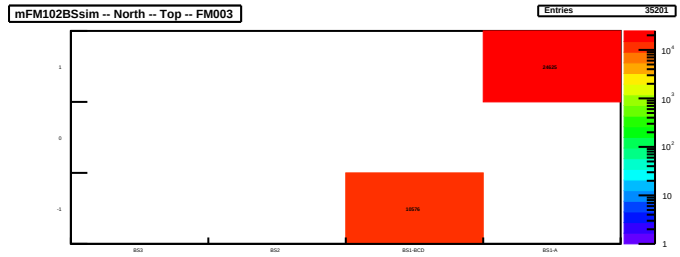
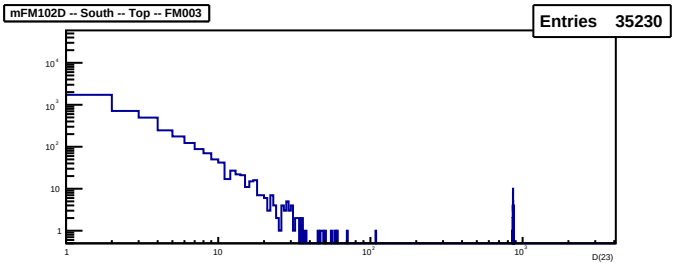
Entries 0
D(23)

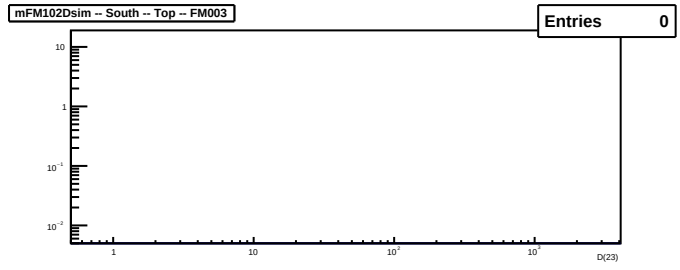

mFM101JP -- South -- Bottom -- FM002
Entries 70460
JP-AB
JP-CD

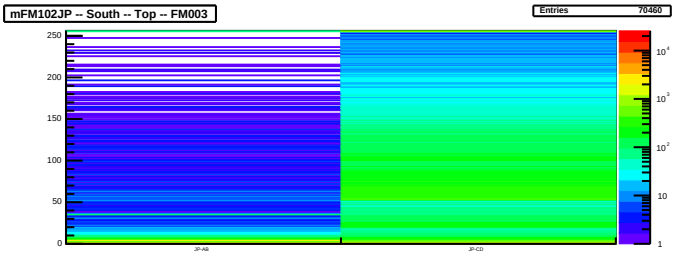

mFM101JPsim -- South -- Bottom -- FM002
Entries 11901
11901
JP-AB
JP-CD

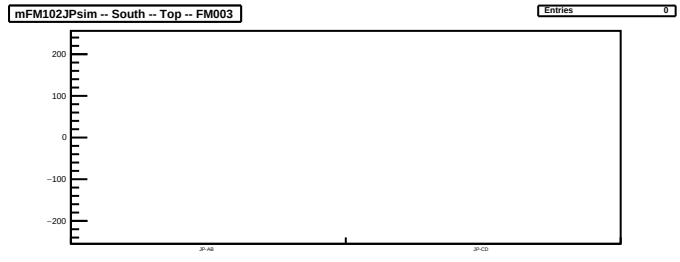

mFM102BS -- North -- Top -- FM003
Entries 140920
BS3
BS2
BS1-BCD
BS1-A

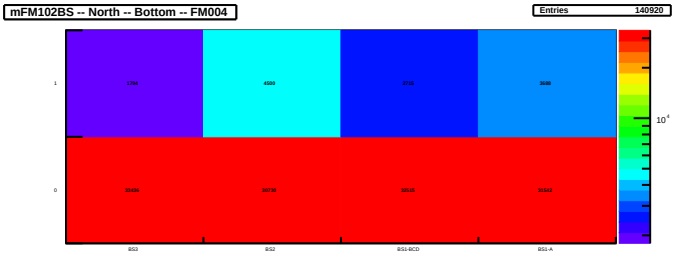

mFM102BSsim -- North -- Top -- FM003
Entries 35201
BS3
BS2
BS1-BCD
BS1-A

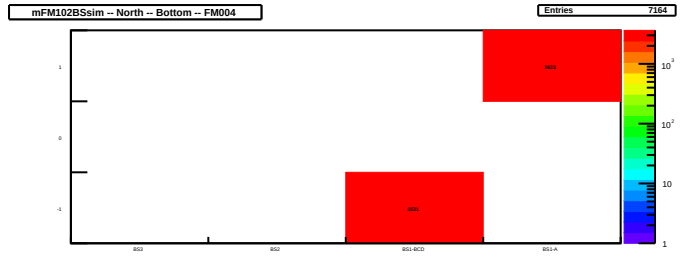

mFM102D -- South -- Top -- FM003
Entries 35230
D(23)

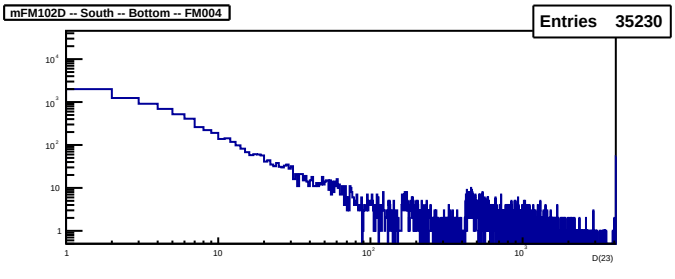

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

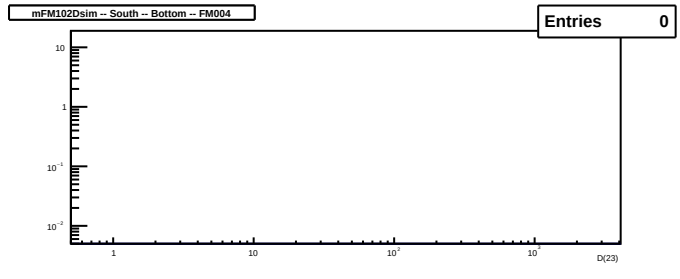

mFM102JP -- South -- Top -- FM003
Entries 70460
JP-AB
JP-CD

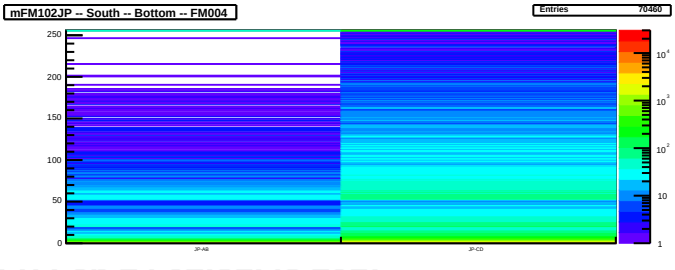

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

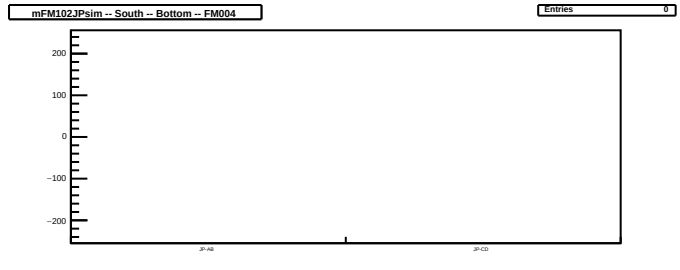

mFM102BS -- North -- Bottom -- FM004
Entries 140920
BS3
BS2
BS1-BCD
BS1-A

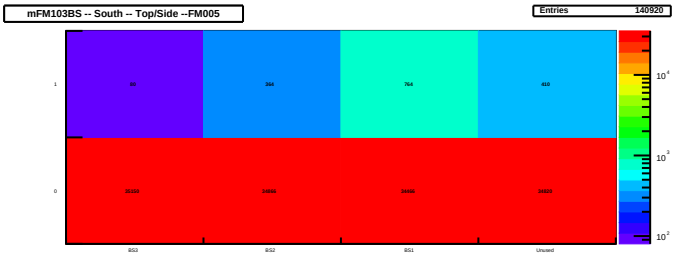

mFM102BSsim -- North -- Bottom -- FM004
Entries 7164
BS3
BS2
BS1-BCD
BS1-A

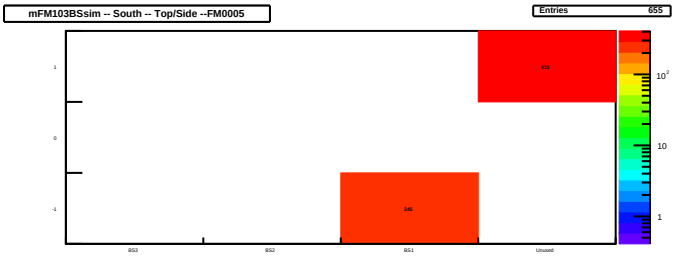

mFM102D -- South -- Bottom -- FM004
Entries 35230
D(23)

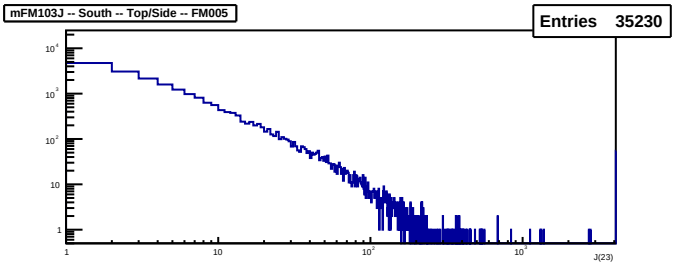

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

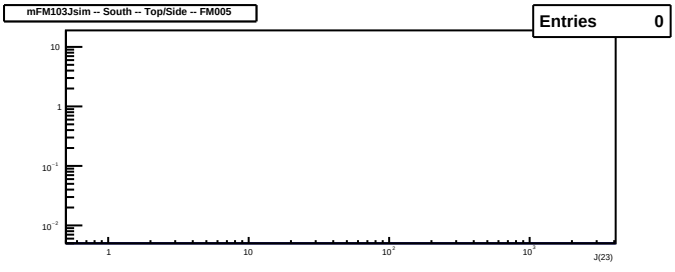

mFM102JP -- South -- Bottom -- FM004
Entries 70460
JP-AB
JP-CD

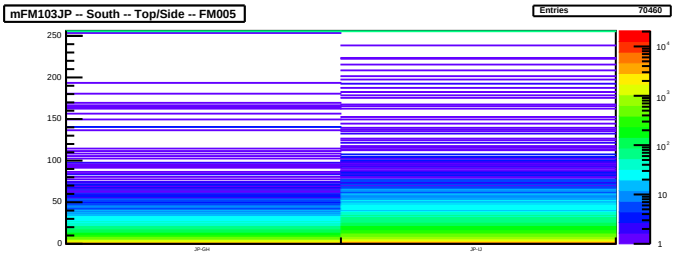

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

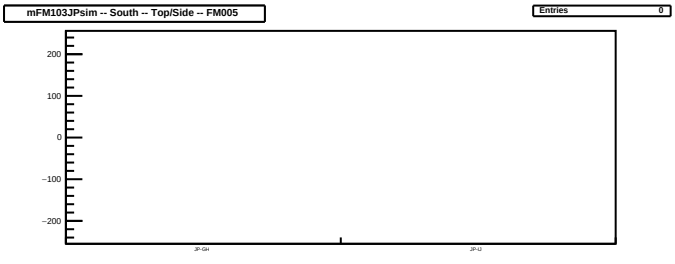

mFM103BS -- South -- Top/Side --FM005
Entries 140920
50
364
764
410
35110
34866
34466
34820
BS3
BS2
BS1
Unused

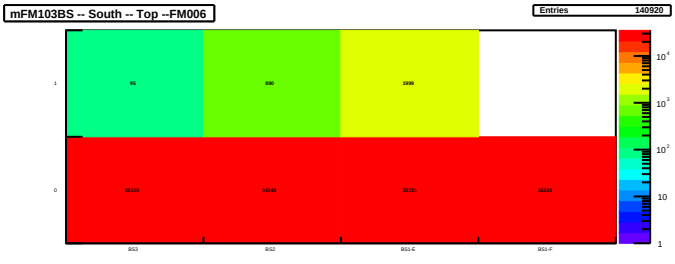

mFM103BSsim -- South -- Top/Side --FM0005
Entries 655
410
245
BS3
BS2
BS1
Unused

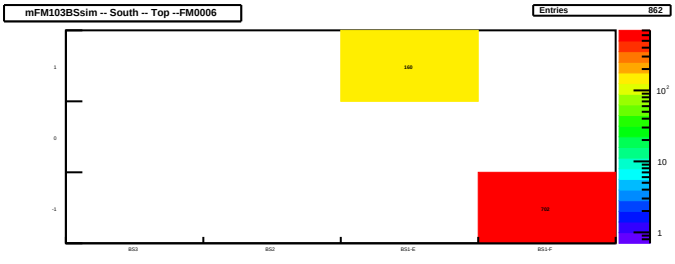

mFM103J -- South -- Top/Side -- FM005
Entries 35230
J(23)

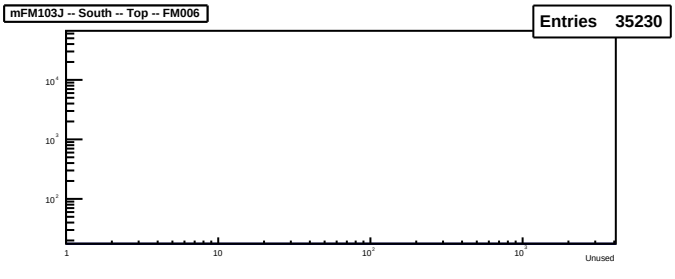

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

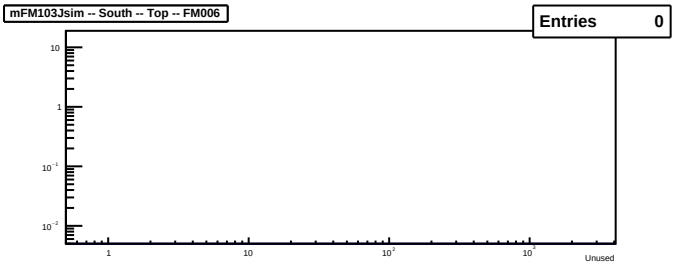

mFM103JP -- South -- Top/Side -- FM005
Entries 70460
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 140920
95
890
1990
35125
34349
33221
35230
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 862
160
702
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 35230
Unused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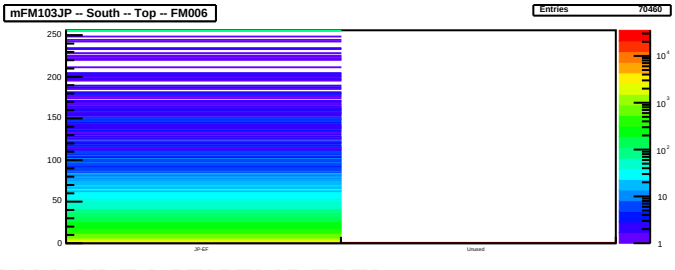
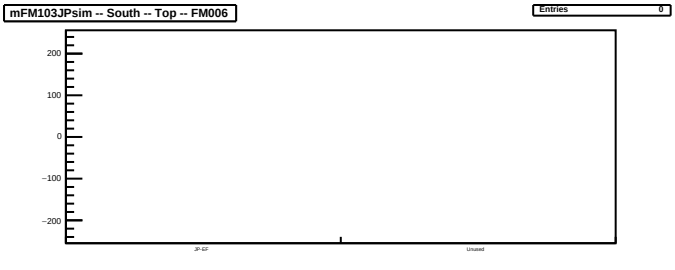
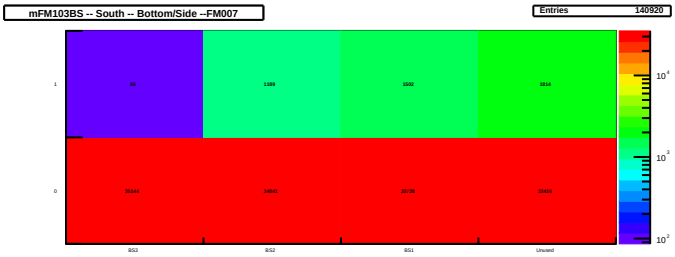
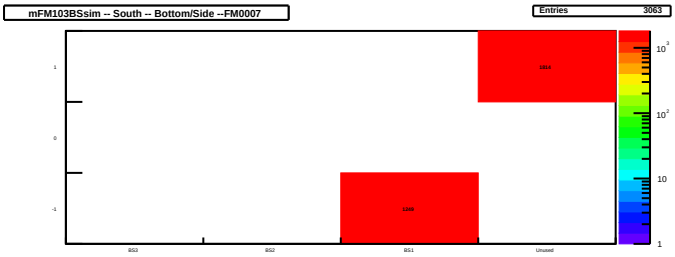
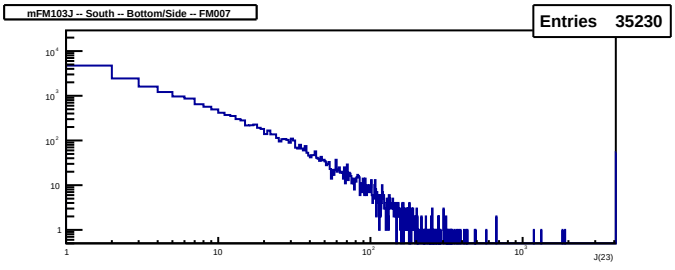
Entries 0
Unused

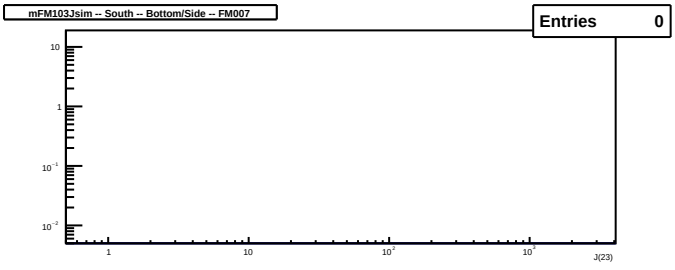

mFM103JP -- South -- Top -- FM006
Entries 70460
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 140920


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3063


mFM103J -- South -- Bottom/Side -- FM007
Entries 35230
J(23)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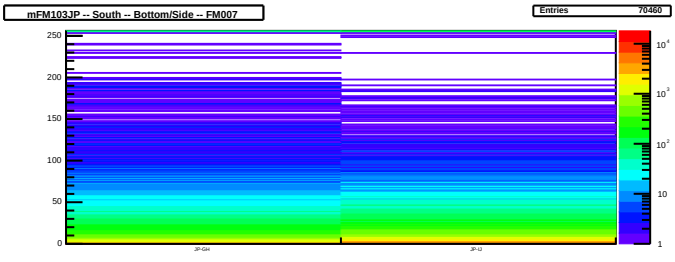
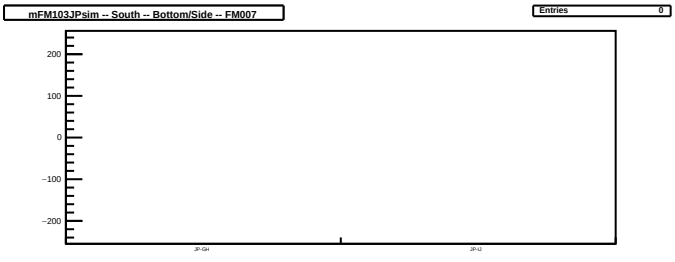
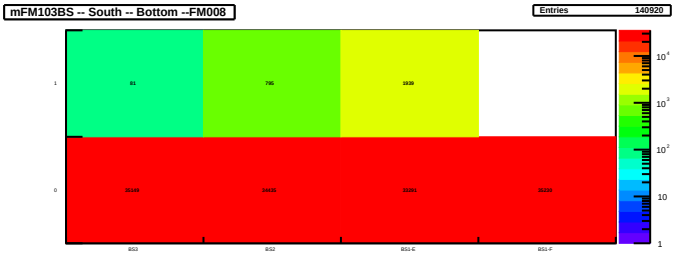
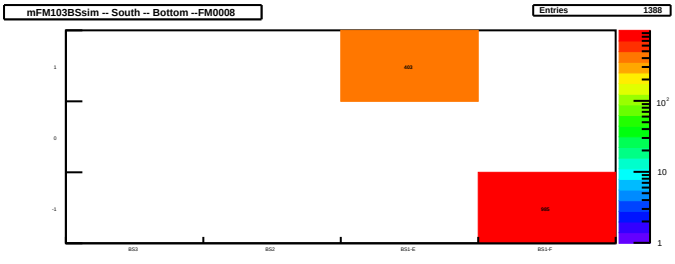
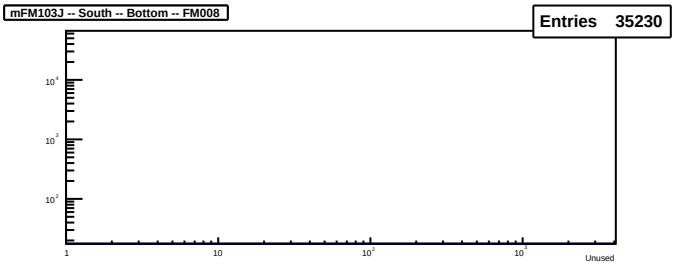
Entries 0
J(23)

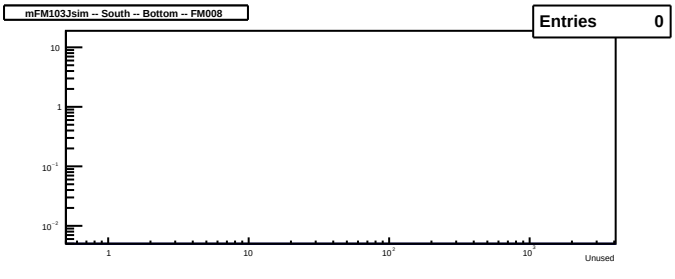

mFM103JP -- South -- Bottom/Side -- FM007
Entries 70460

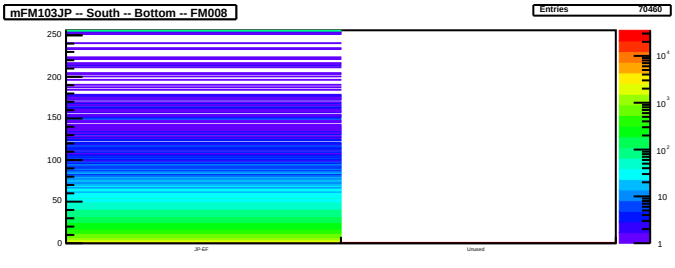

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

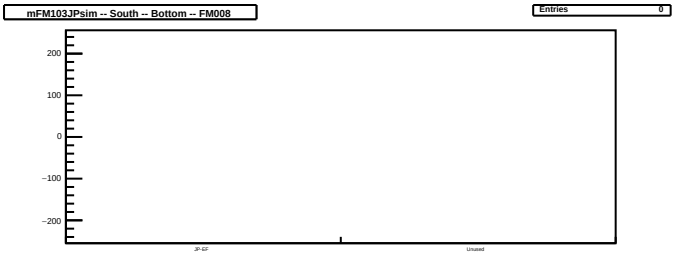

mFM103BS -- South -- Bottom --FM008
Entries 140920

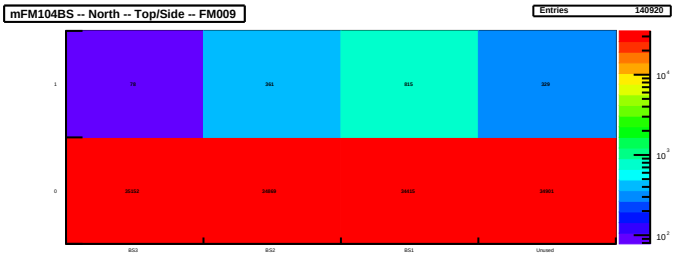

mFM103BSsim -- South -- Bottom --FM0008
Entries 1388

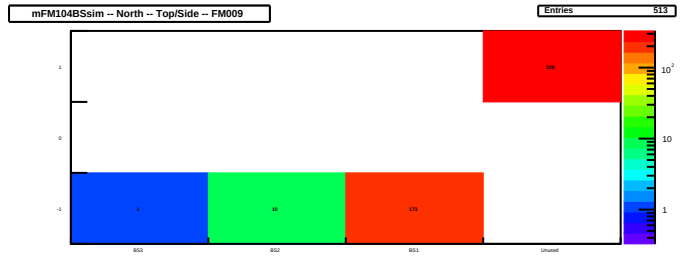

mFM103J -- South -- Bottom -- FM008
Entries 35230
Unused

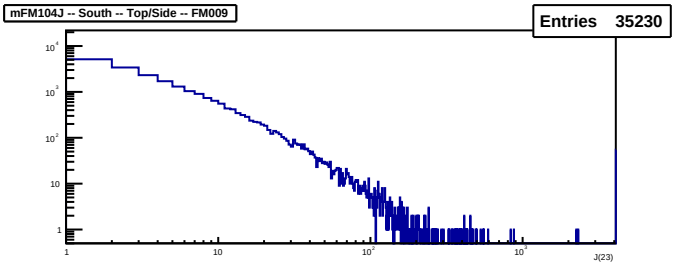

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

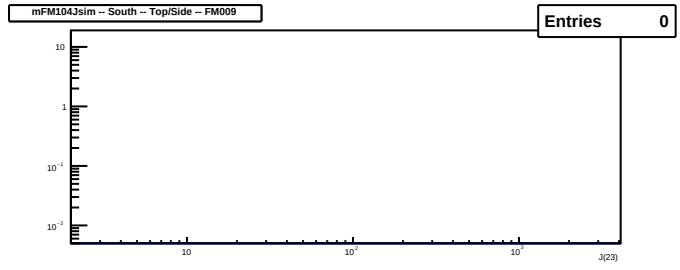

mFM103JP -- South -- Bottom -- FM008
Entries 70460

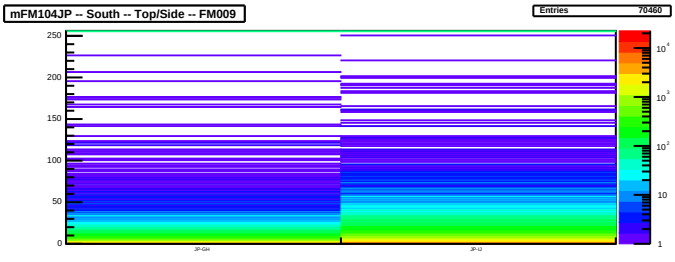

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

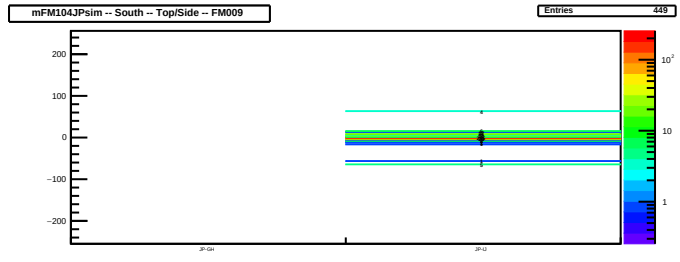

mFM104BS -- North -- Top/Side -- FM009
Entries 140920

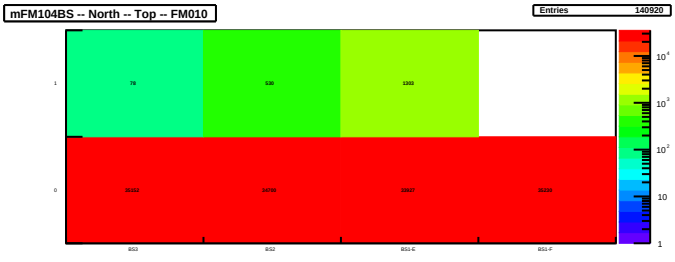

mFM104BSsim -- North -- Top/Side -- FM009
Entries 513

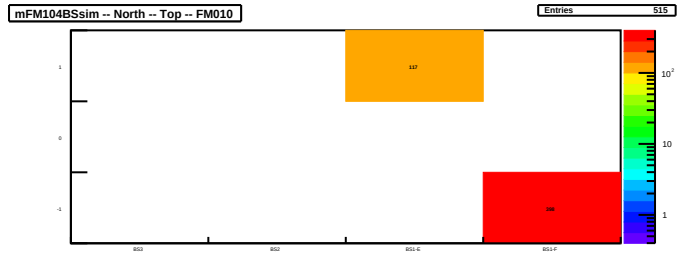

mFM104J -- South -- Top/Side -- FM009
Entries 35230
J(23)

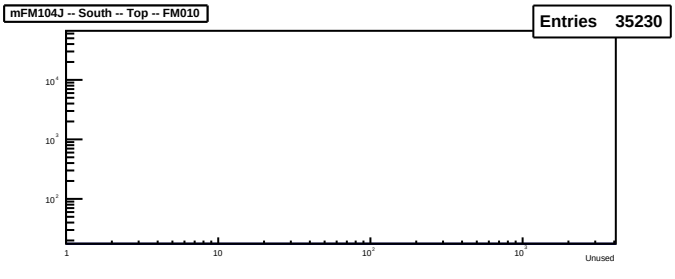

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

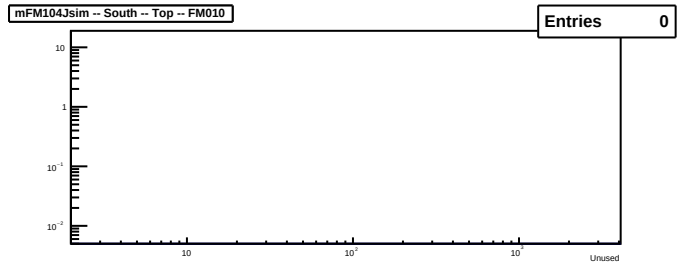

mFM104JP -- South -- Top/Side -- FM009
Entries 70460

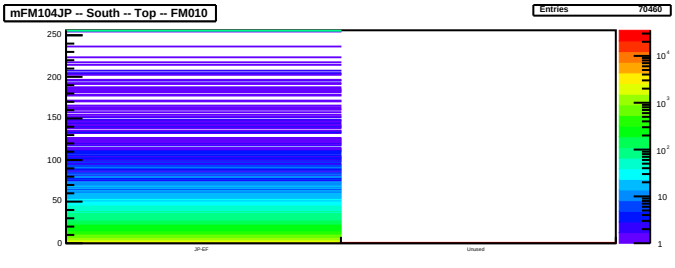

mFM104JPsim -- South -- Top/Side -- FM009
Entries 449


mFM104BS -- North -- Top -- FM010
Entries 140920

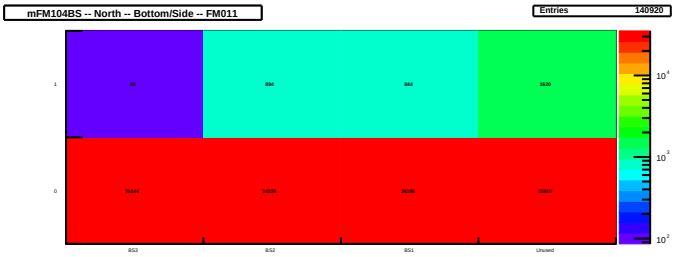

mFM104BSsim -- North -- Top -- FM010
Entries 515

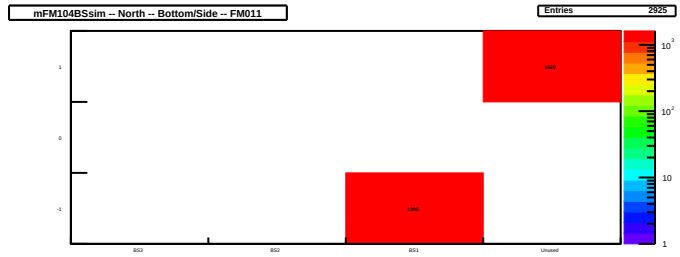

mFM104J -- South -- Top -- FM010
Entries 35230
Unused

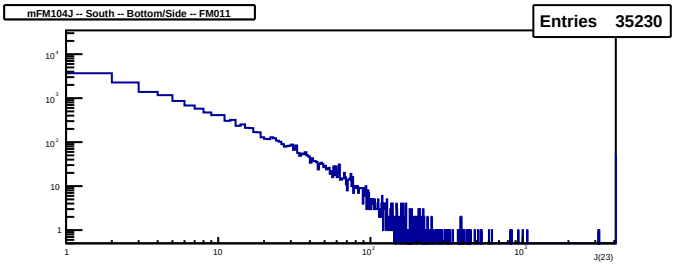

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

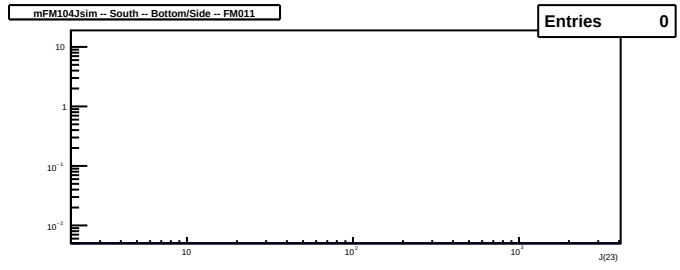

mFM104JP -- South -- Top -- FM010
Entries 70460

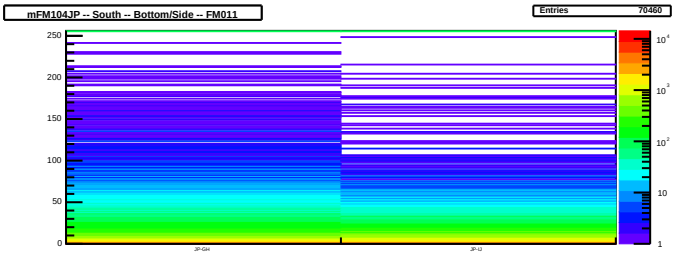
mFM104JPsim -- South -- Top -- FM010
Entries 0

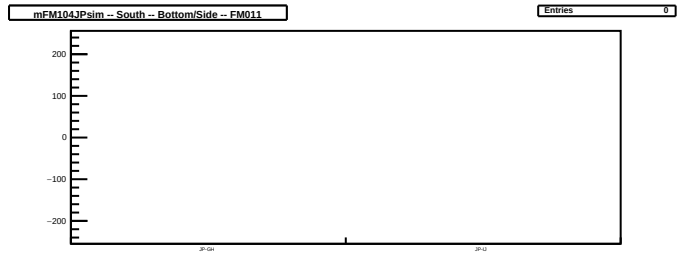

mFM104BS -- North -- Bottom/Side -- FM011
Entries 140920
BS3
BS2
BS1
Unused

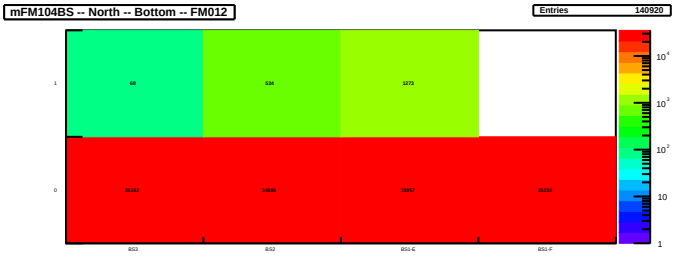

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2925
BS3
BS2
BS1
Unused

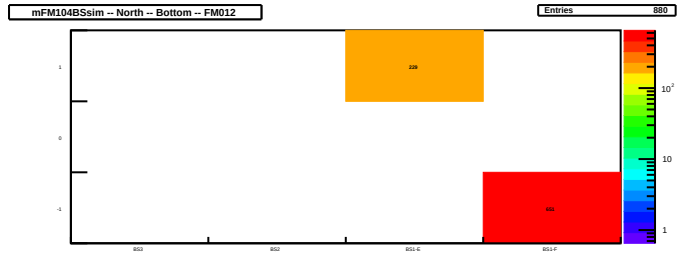

mFM104J -- South -- Bottom/Side -- FM011
Entries 35230
J(23)

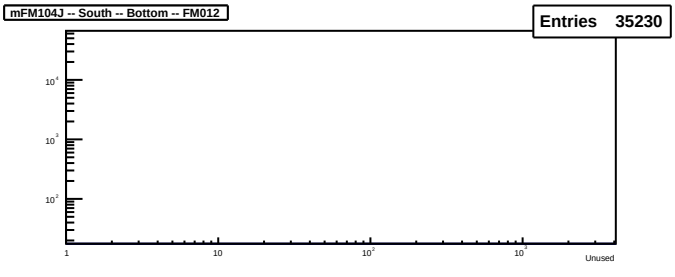

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

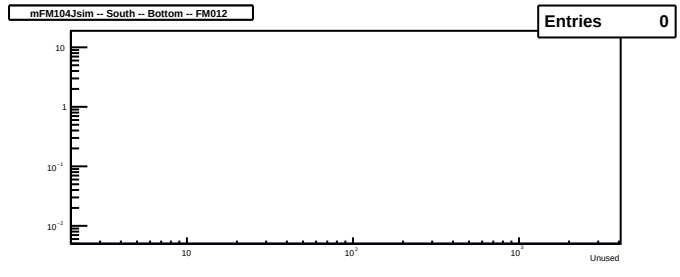

mFM104JP -- South -- Bottom/Side -- FM011
Entries 70460
JP-GH
JP-IJ

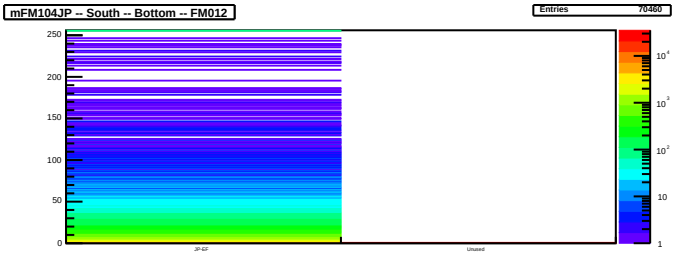

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

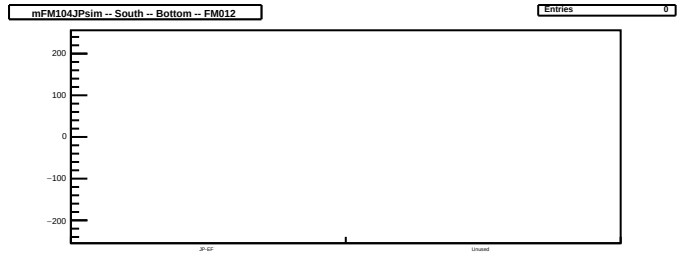

mFM104BS -- North -- Bottom -- FM012
Entries 140920
BS3
BS2
BS1-E
BS1-F

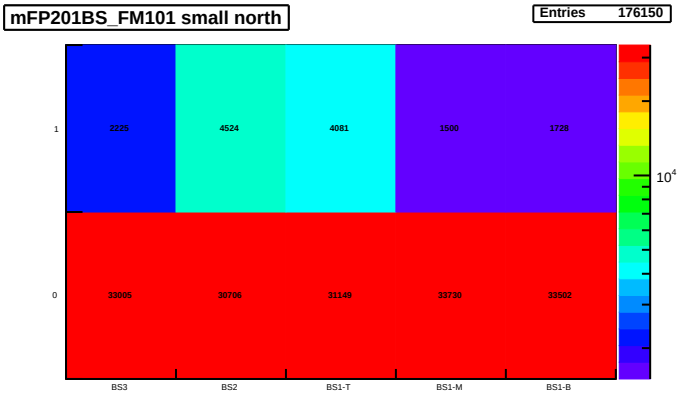

mFM104BSsim -- North -- Bottom -- FM012
Entries 880
BS3
BS2
BS1-E
BS1-F

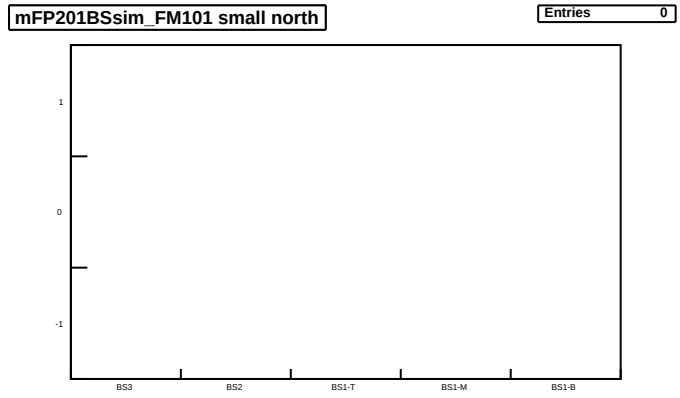

mFM104J -- South -- Bottom -- FM012
Entries 35230
Unused

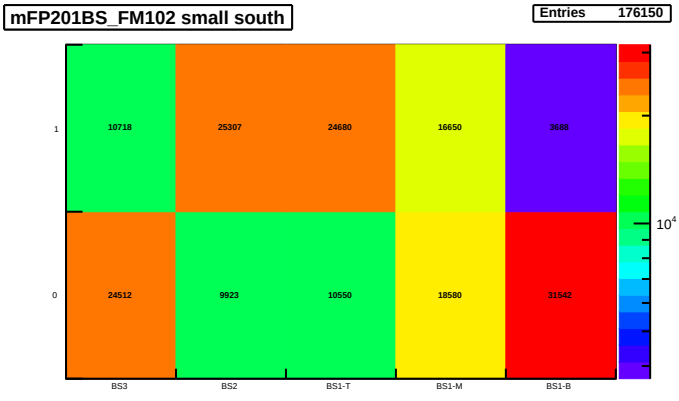

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

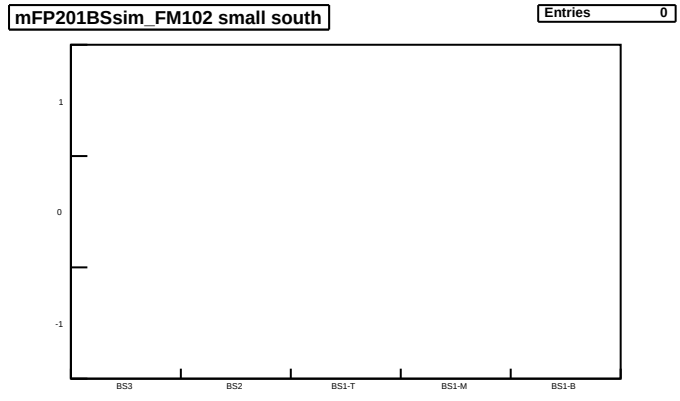

mFM104JP -- South -- Bottom -- FM012
Entries 70460
JP-EF
Unused

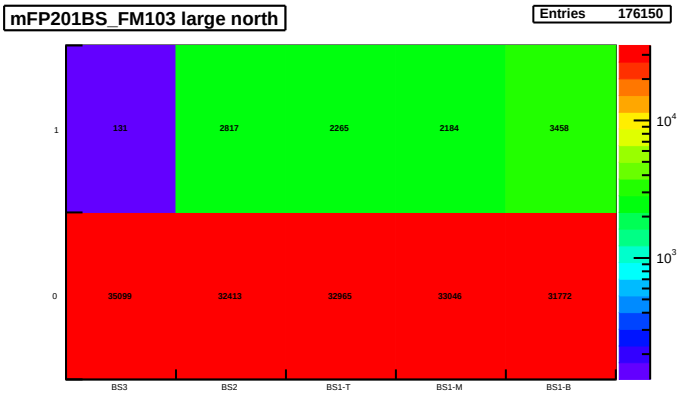

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

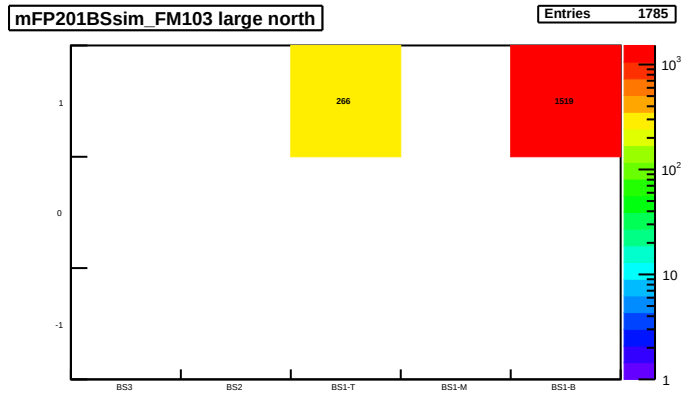

mFP201BS_FM101 small north
Entries 176150
2225
4524
4081
1500
1728
33005
30706
31149
33730
33502
BS3
BS2
BS1-T
BS1-M
BS1-B

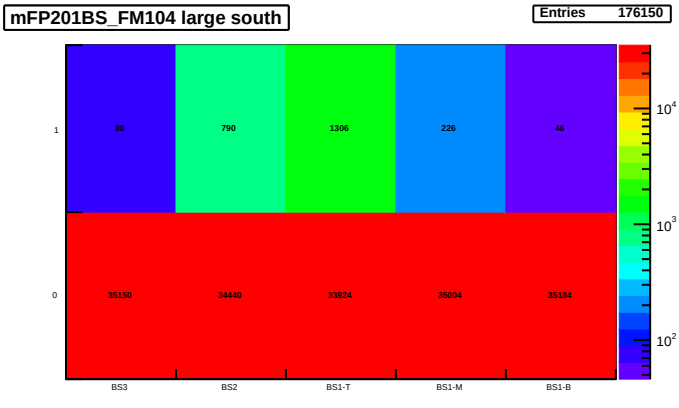

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

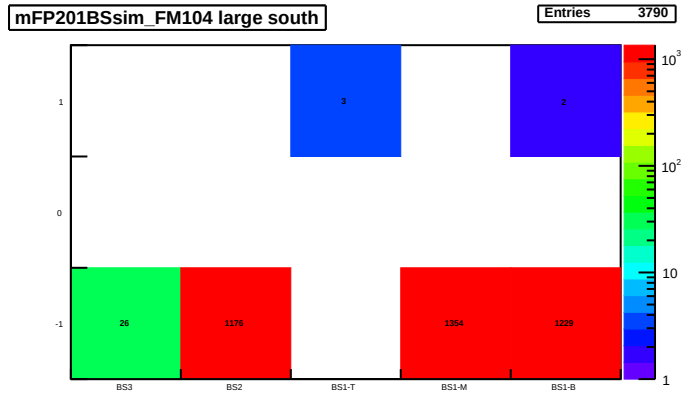

mFP201BS_FM102 small south
Entries 176150
10718
25307
24680
16650
3688
24512
9923
10550
18580
31542
BS3
BS2
BS1-T
BS1-M
BS1-B

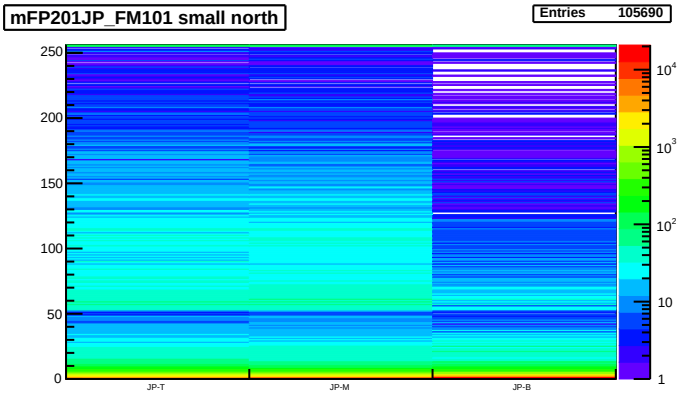

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

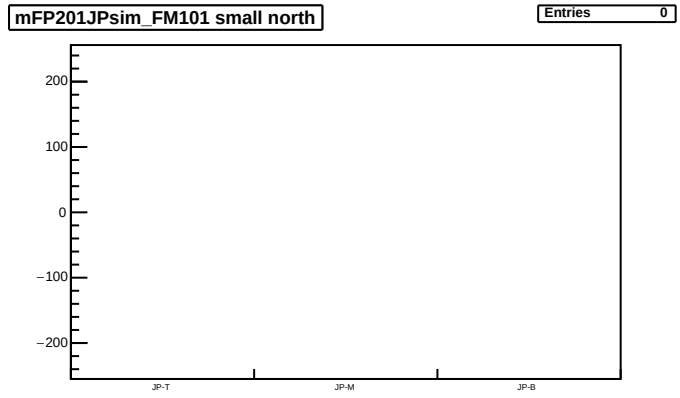

mFP201BS_FM103 large north
Entries 176150
131
2817
2265
2184
3458
35099
32413
32965
33046
31772
BS3
BS2
BS1-T
BS1-M
BS1-B

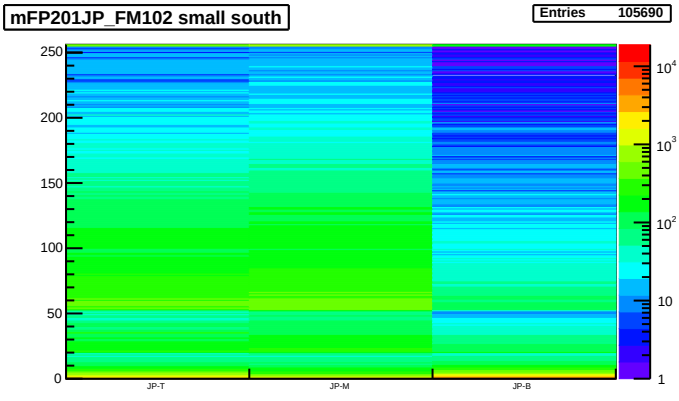

mFP201BSsim_FM103 large north
Entries 1785
266
1519
BS3
BS2
BS1-T
BS1-M
BS1-B

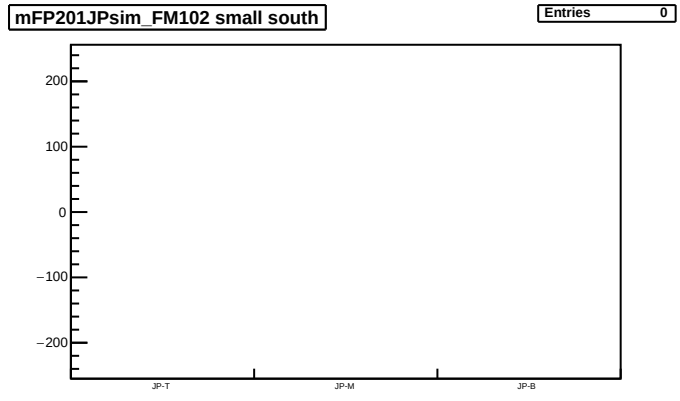

mFP201BS_FM104 large south
Entries 176150
80
790
1306
226
46
35150
34440
33924
35004
35184
BS3
BS2
BS1-T
BS1-M
BS1-B

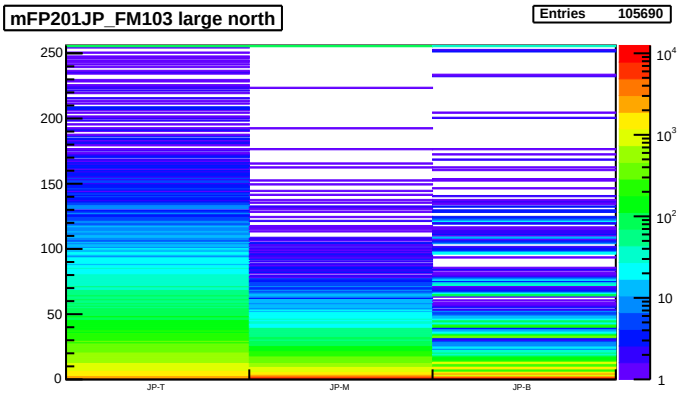

mFP201BSsim_FM104 large south
Entries 3790
3
2
26
1176
1354
1229
BS3
BS2
BS1-T
BS1-M
BS1-B

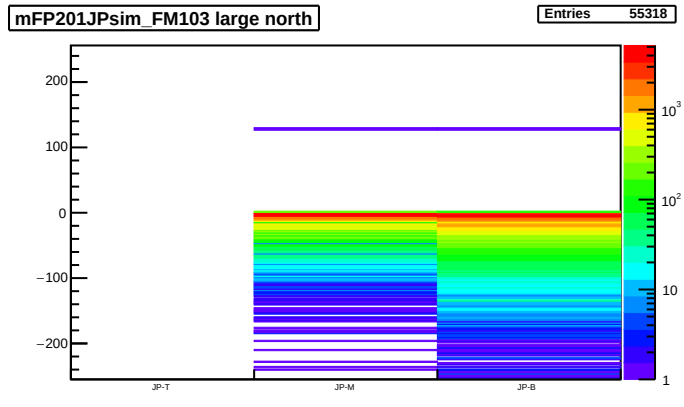

mFP201JP_FM101 small north
Entries 105690
JP-T
JP-M
JP-B

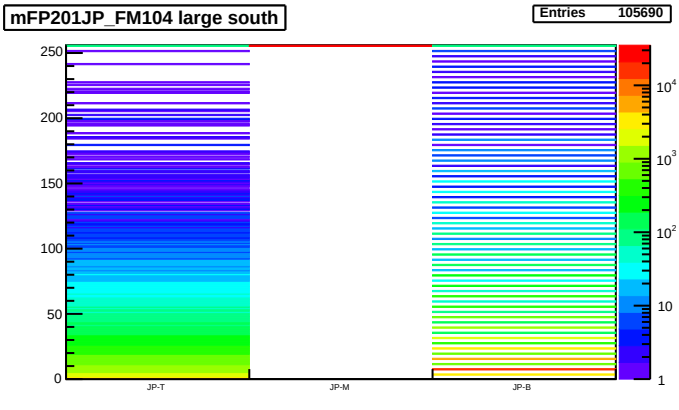

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

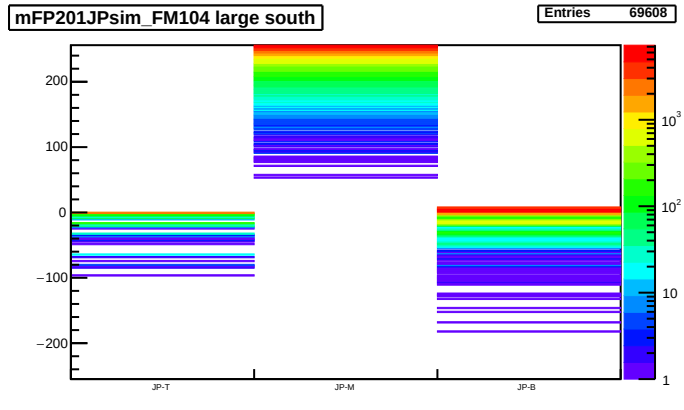

mFP201JP_FM102 small south
Entries 105690
JP-T
JP-M
JP-B

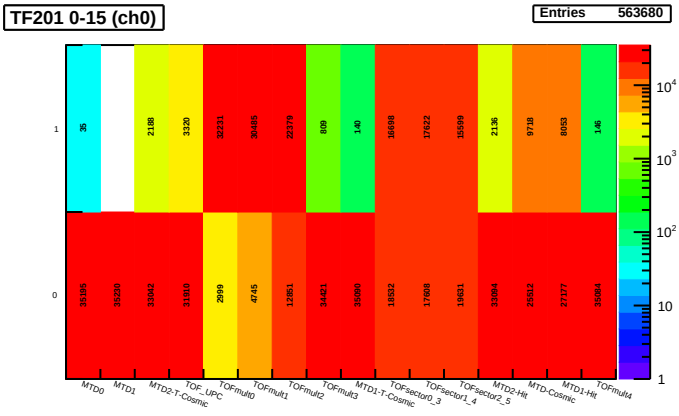

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

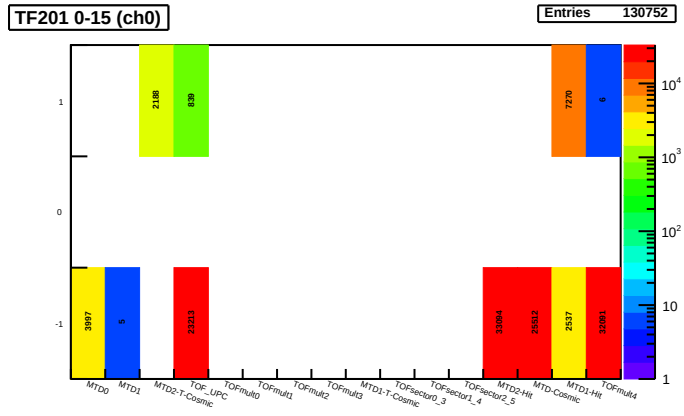

mFP201JP_FM103 large north
Entries 105690
JP-T
JP-M
JP-B

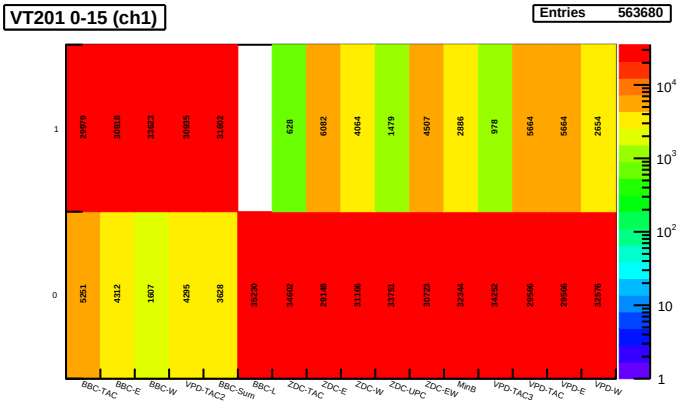

mFP201JPsim_FM103 large north
Entries 55318
JP-T
JP-M
JP-B

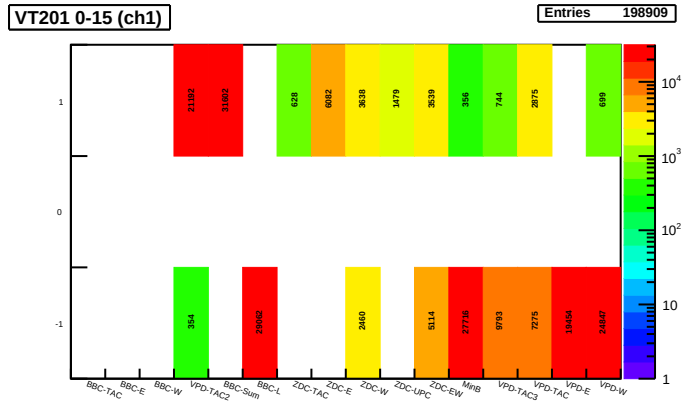

mFP201JP_FM104 large south
Entries 105690
JP-T
JP-M
JP-B

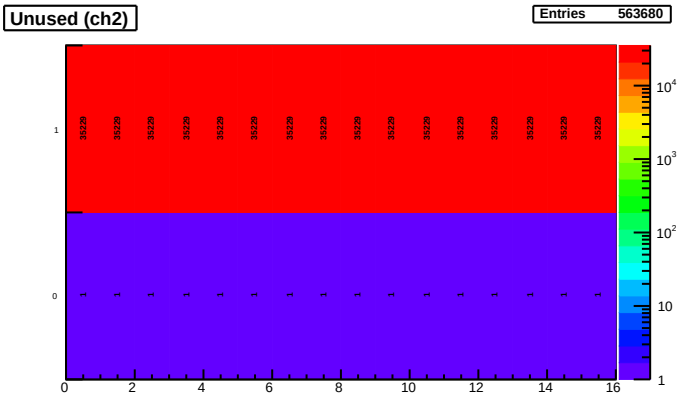

mFP201JPsim_FM104 large south
Entries 69608
JP-T
JP-M
JP-B

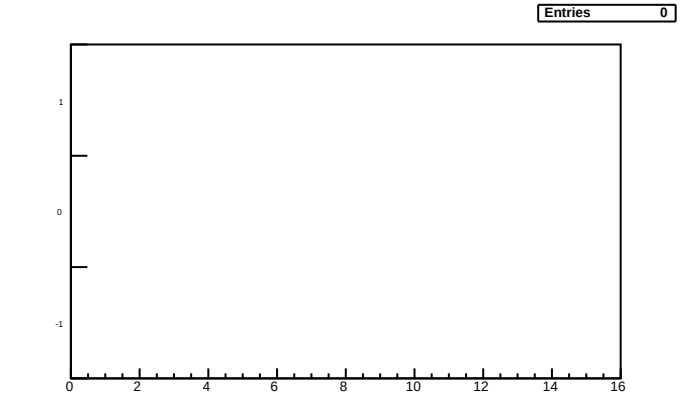

TF201 0-15 (ch0)
Entries 563680
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

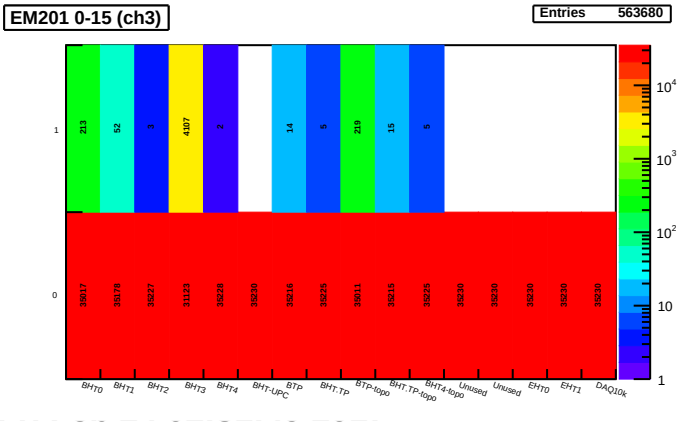

TF201 0-15 (ch0)
Entries 130752
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

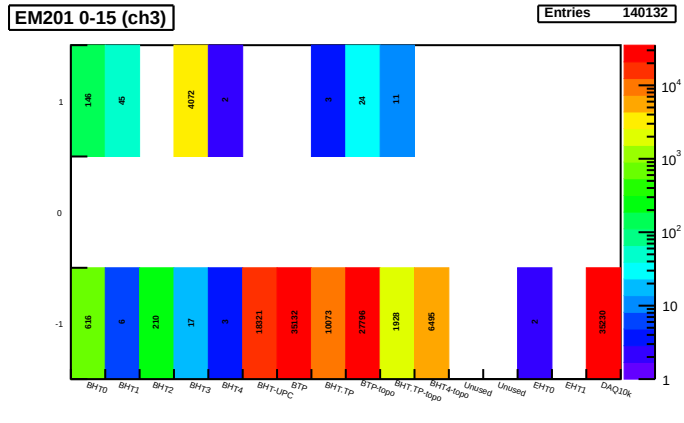

VT201 0-15 (ch1)
Entries 563680
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

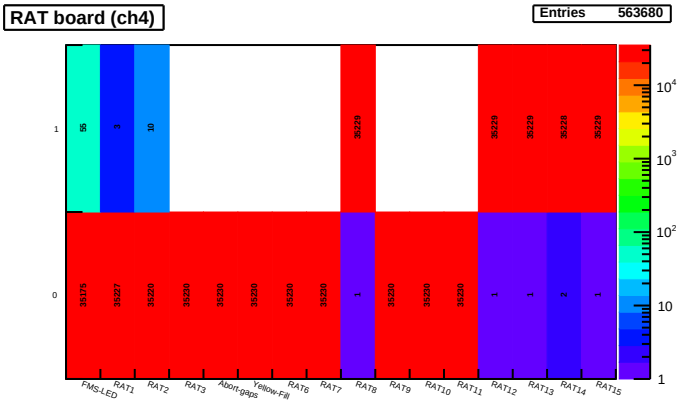

VT201 0-15 (ch1)
Entries 198909
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

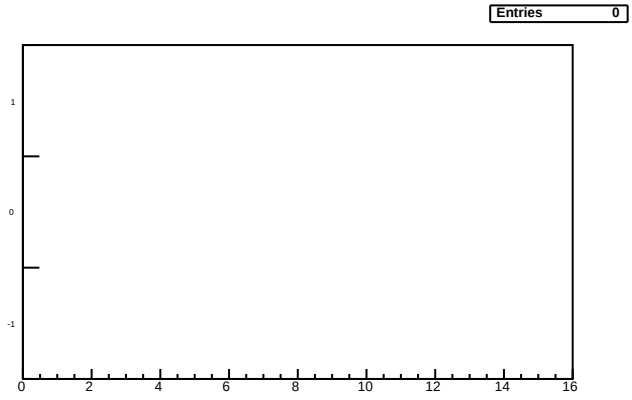

Unused (ch2)
Entries 563680

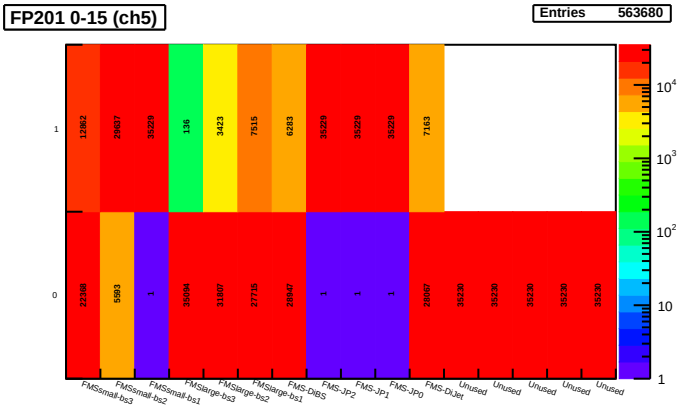

Entries 0

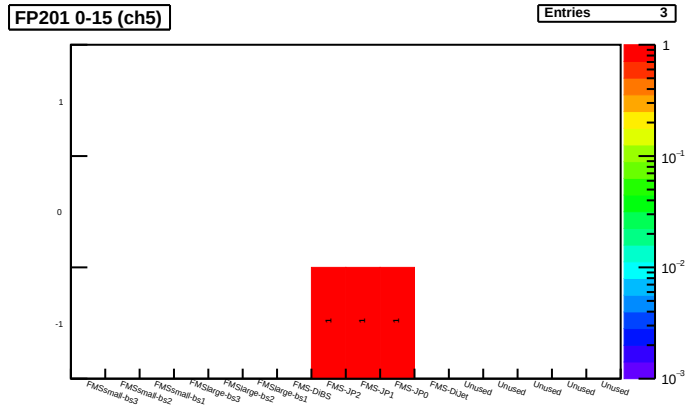

EM201 0-15 (ch3)
Entries 563680
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

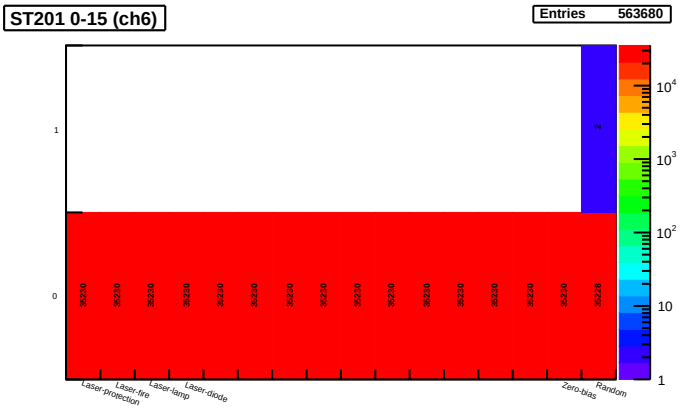

EM201 0-15 (ch3)
Entries 140132
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

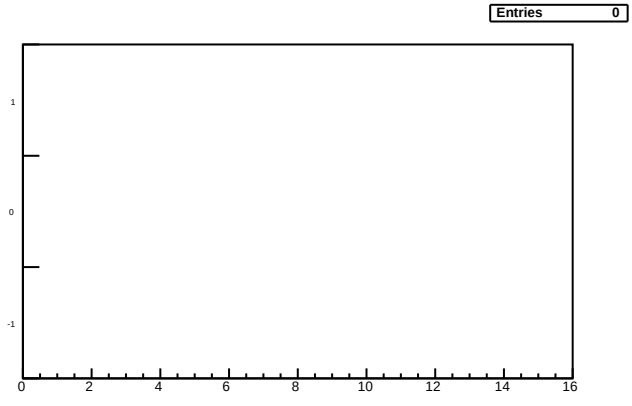

RAT board (ch4)
Entries 563680
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 563680
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 3
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 563680
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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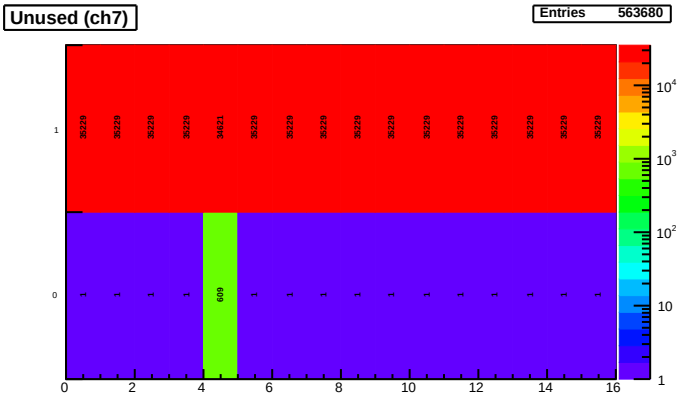
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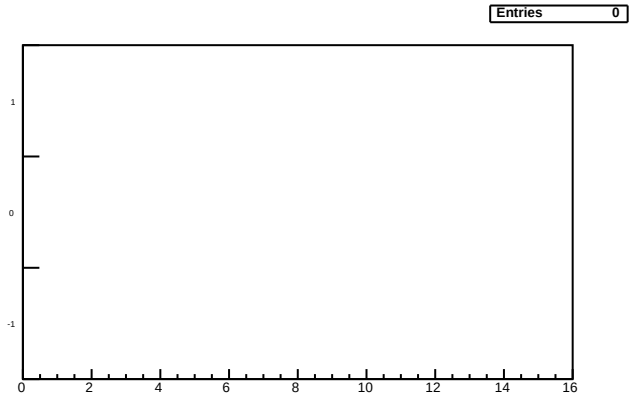
Entries 0