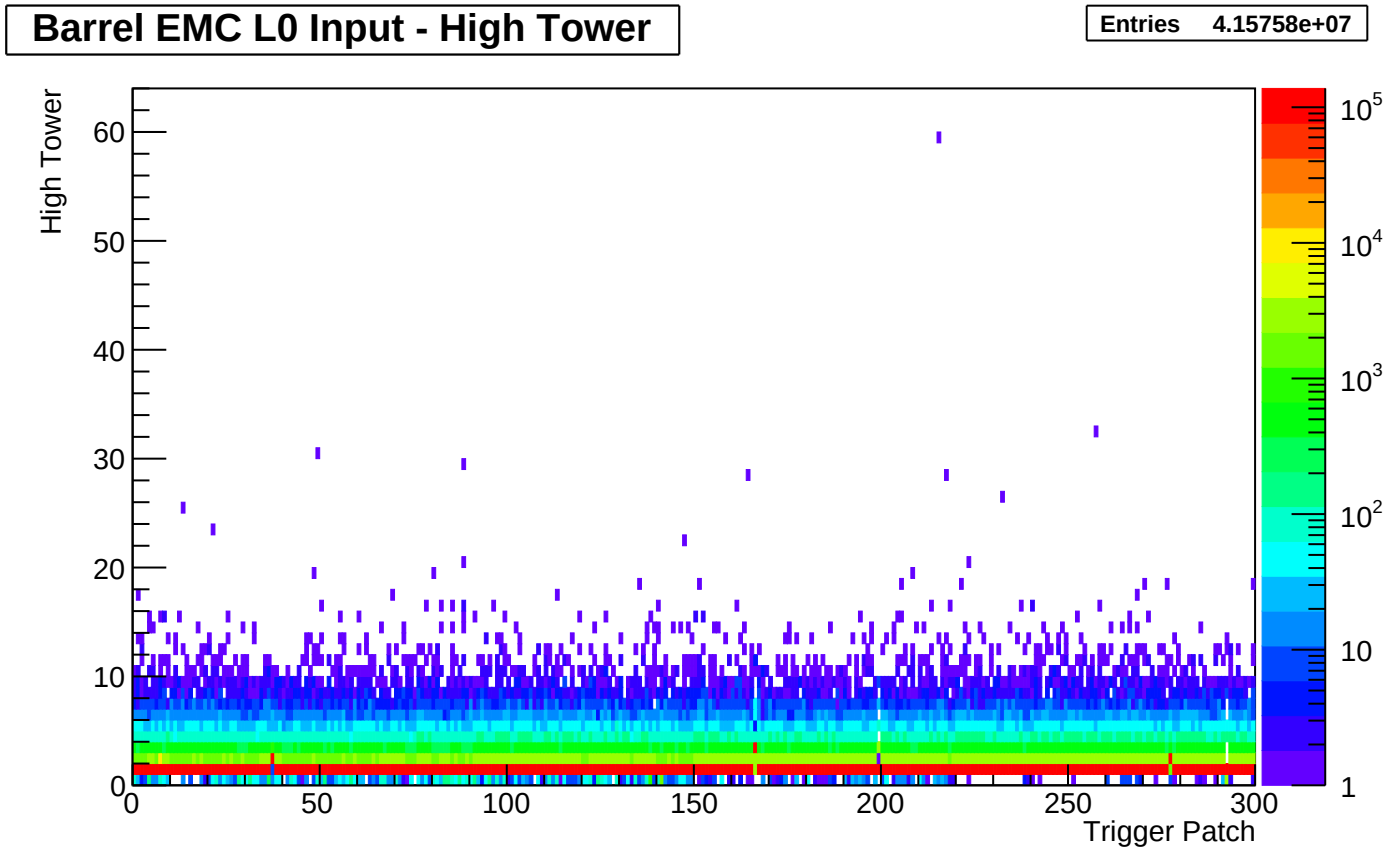
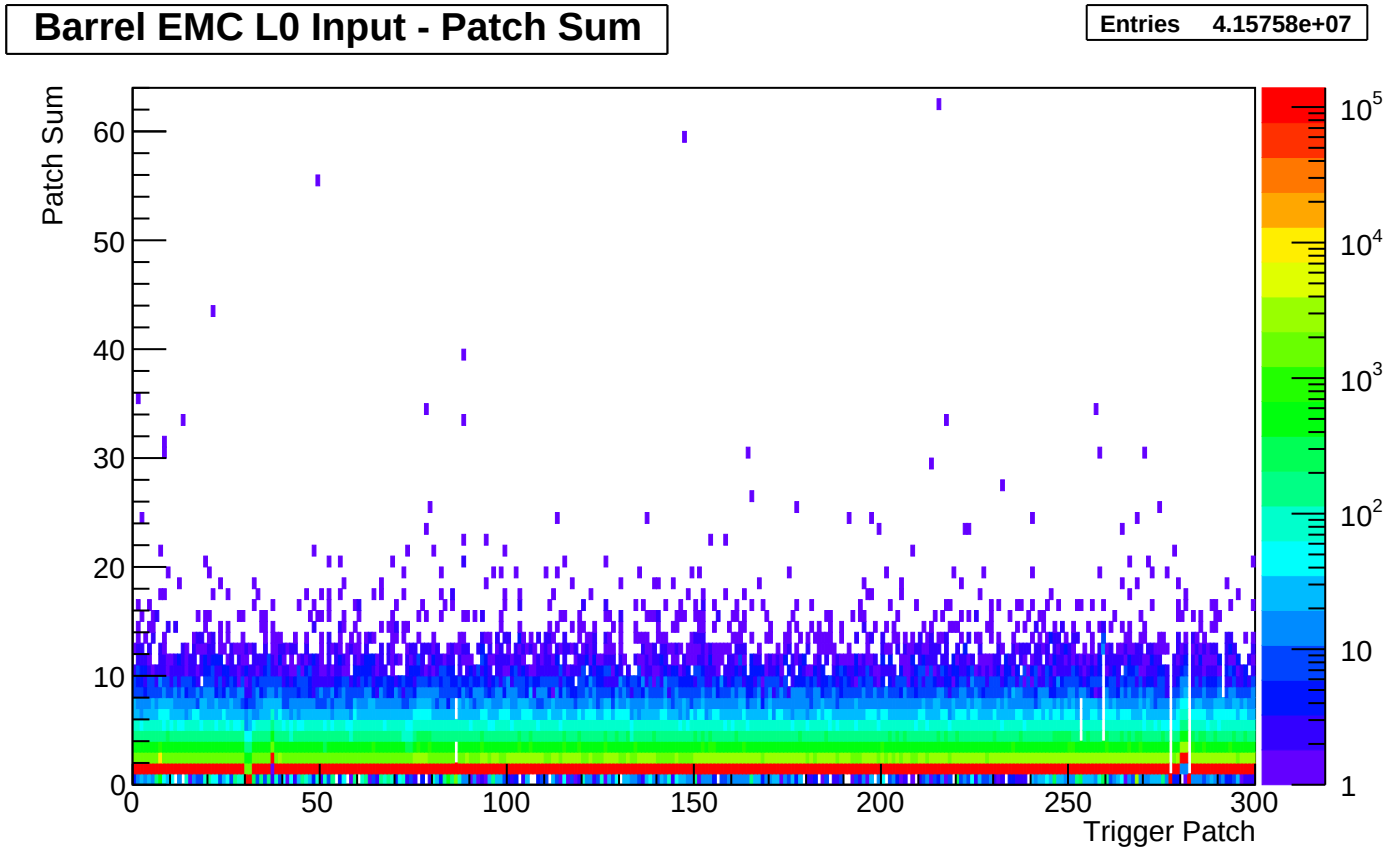
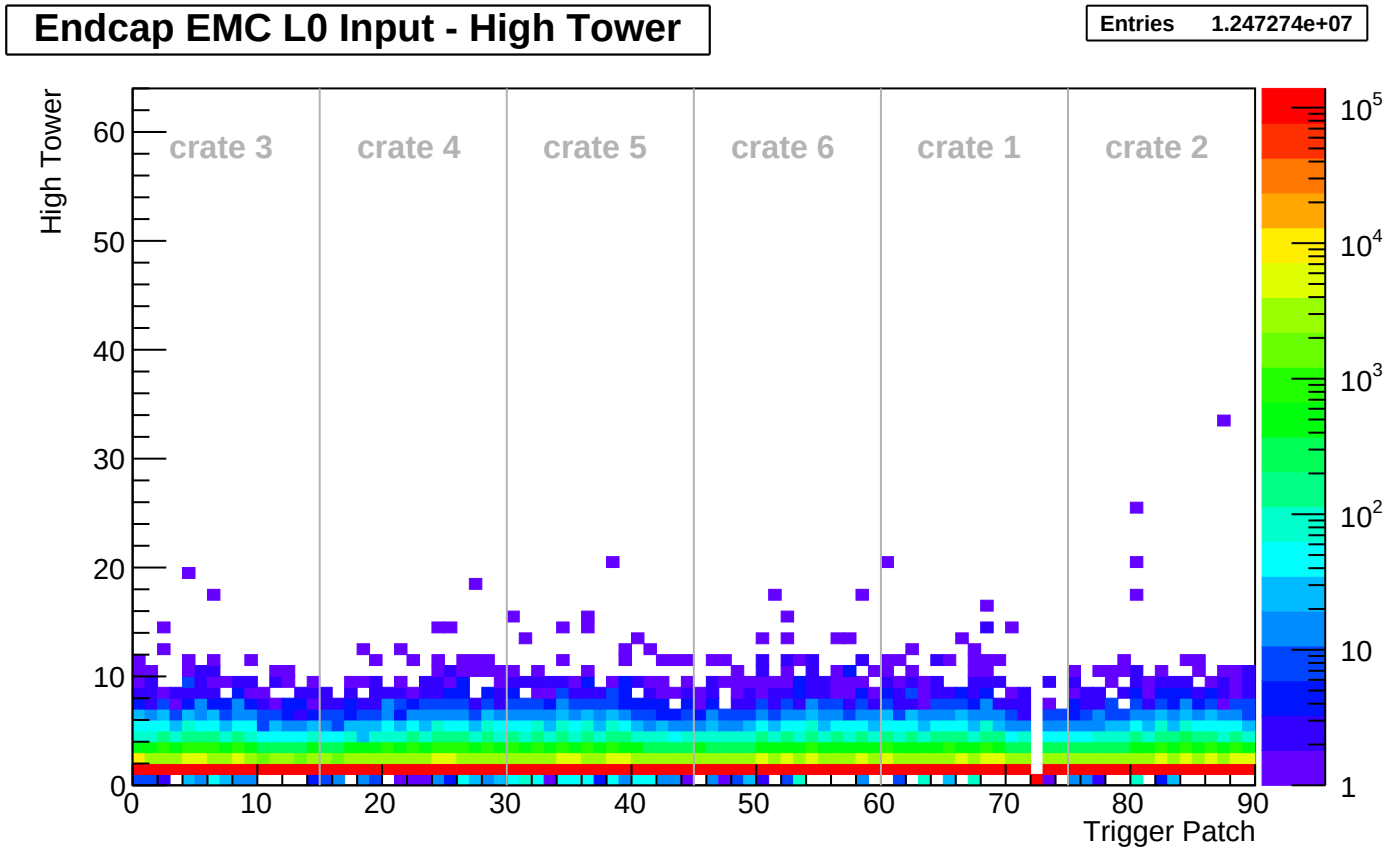
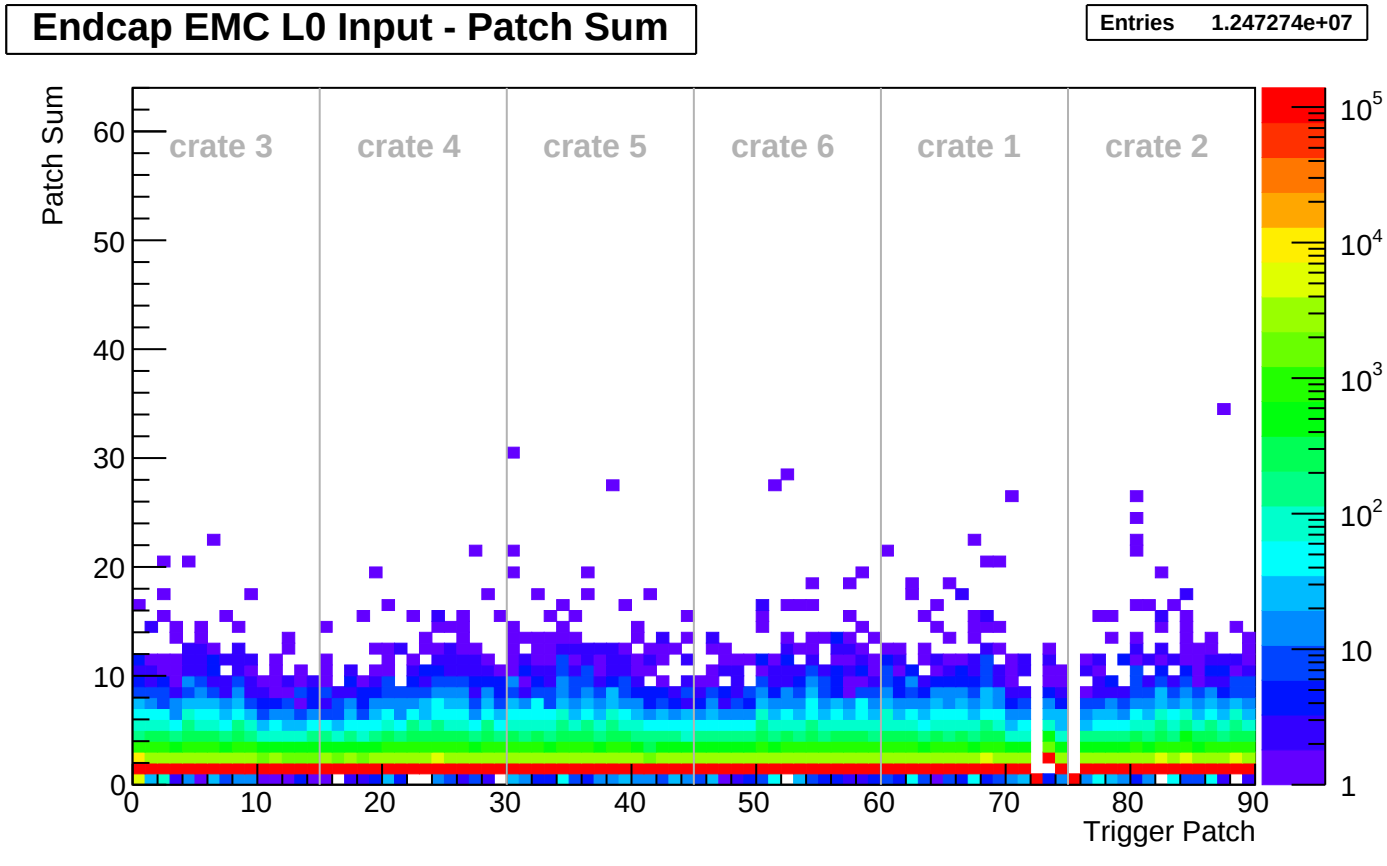
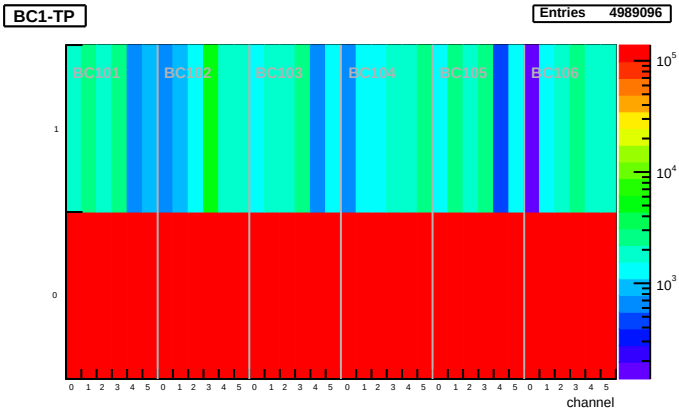
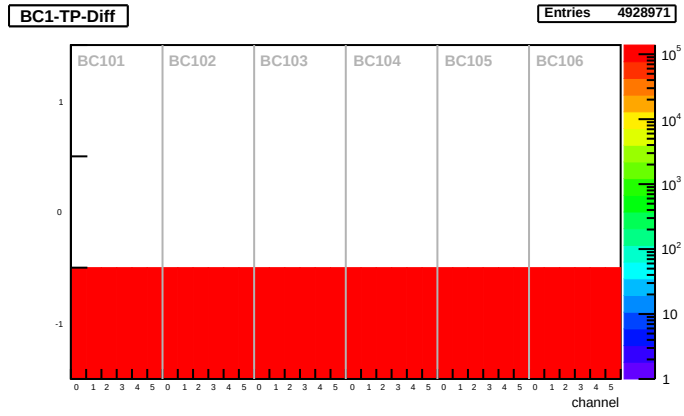

Barrel EMC L0 Input - High Tower
Entries 4.15758e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

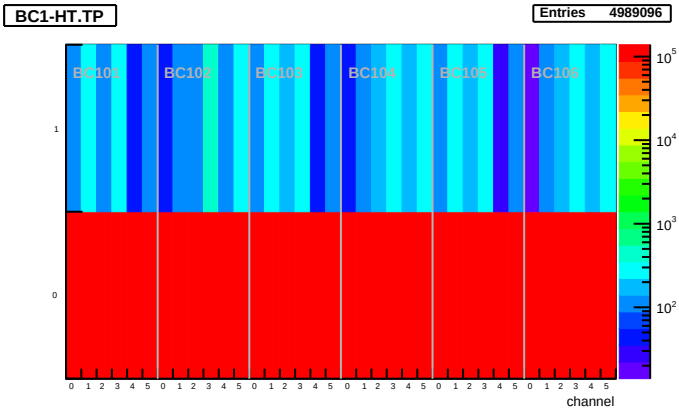

Barrel EMC L0 Input - Patch Sum
Entries 4.15758e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

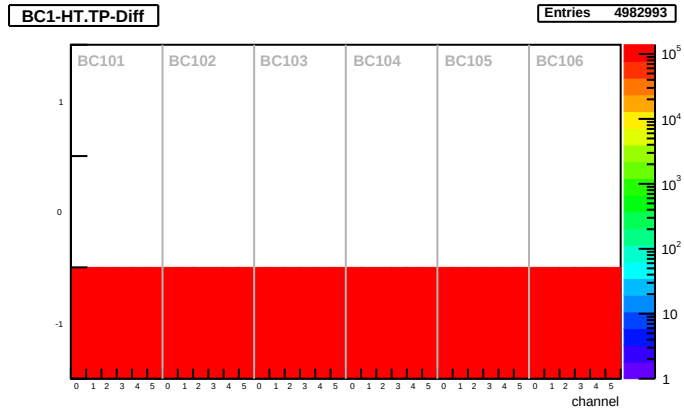

Endcap EMC L0 Input - High Tower
Entries 1.247274e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

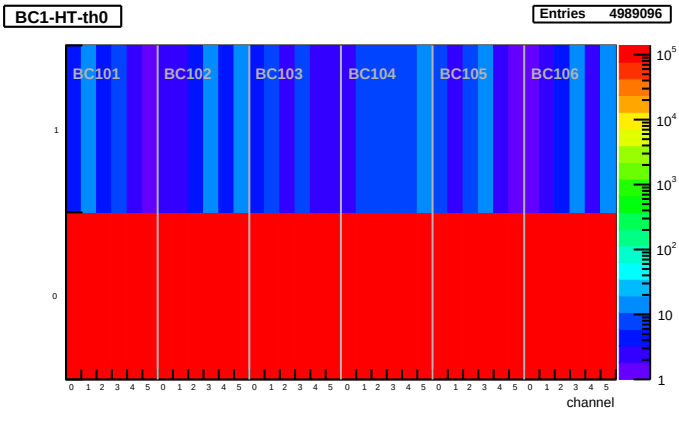

Endcap EMC L0 Input - Patch Sum
Entries 1.247274e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

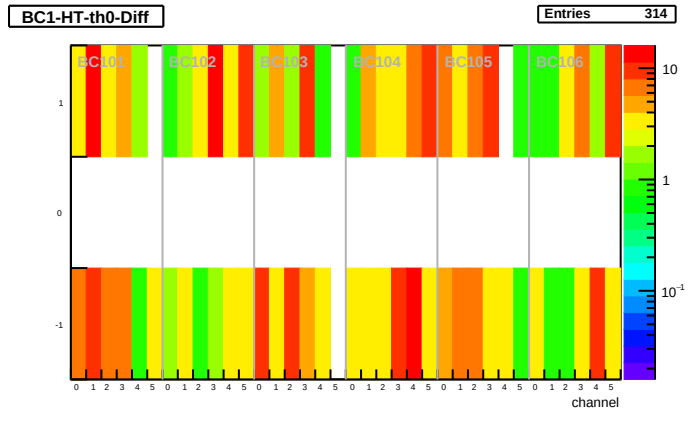

BC1-TP
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

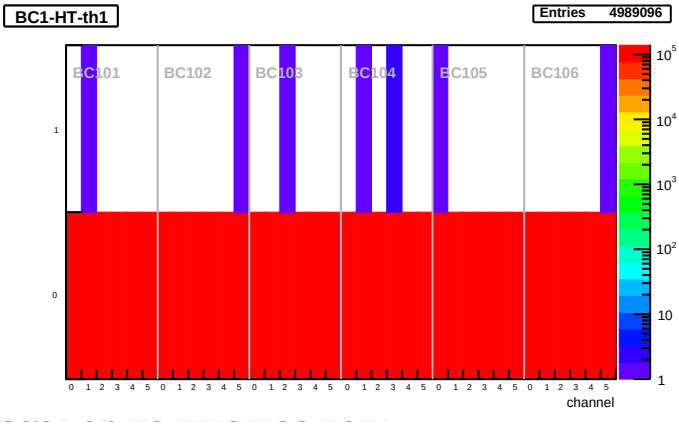

BC1-TP-Diff
Entries 4928971
BC101
BC102
BC103
BC104
BC105
BC106
channel

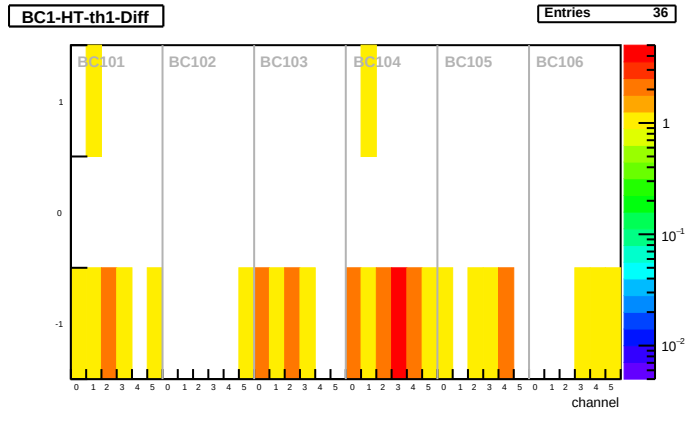

BC1-HT.TP
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

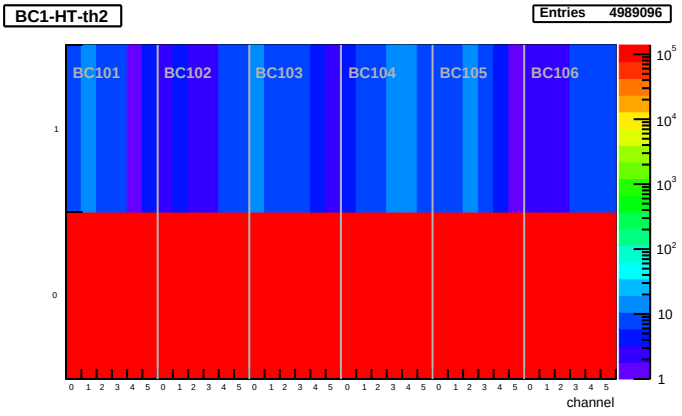

BC1-HT.TP-Diff
Entries 4982993
BC101
BC102
BC103
BC104
BC105
BC106
channel

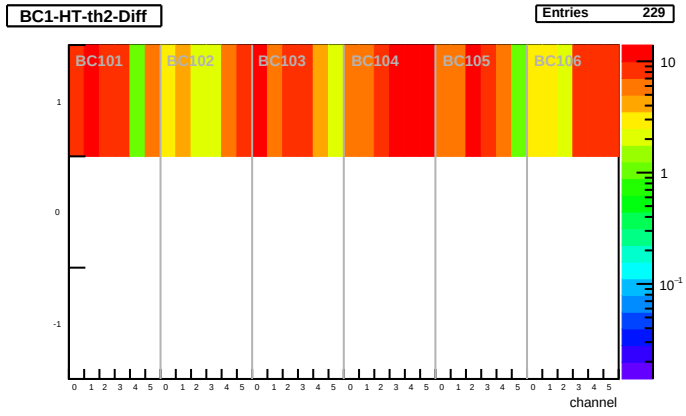

BC1-HT-th0
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

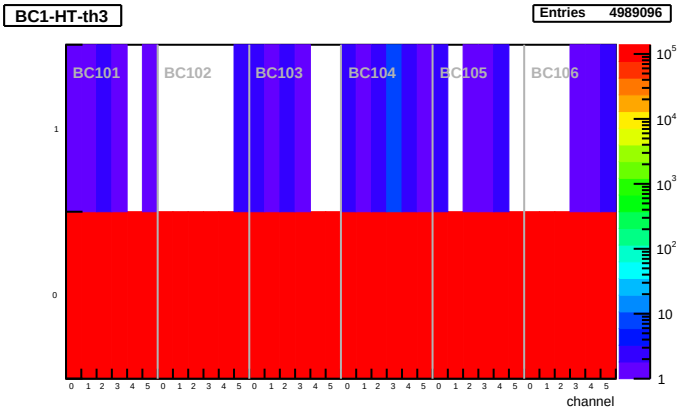

BC1-HT-th0-Diff
Entries 314
BC101
BC102
BC103
BC104
BC105
BC106
channel

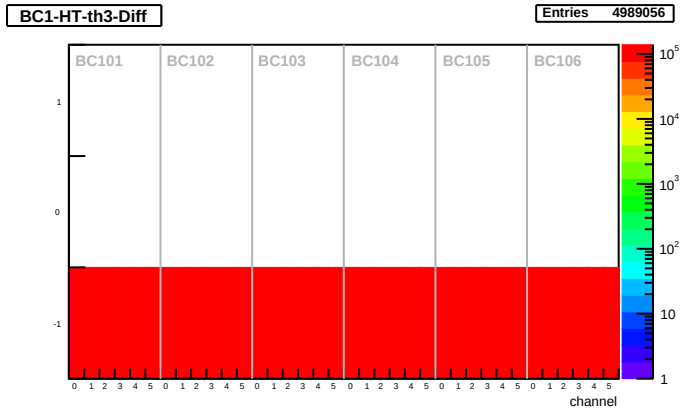

BC1-HT-th1
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

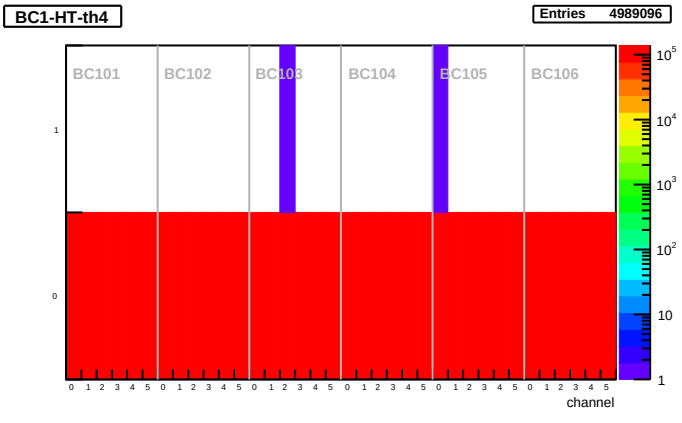

BC1-HT-th1-Diff
Entries 36
BC101
BC102
BC103
BC104
BC105
BC106
channel

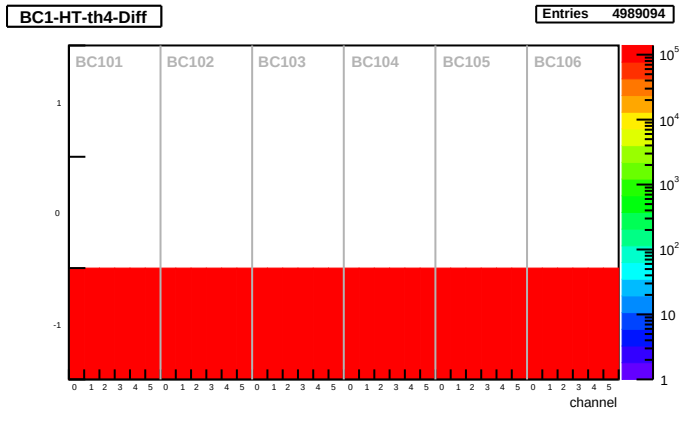

BC1-HT-th2
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

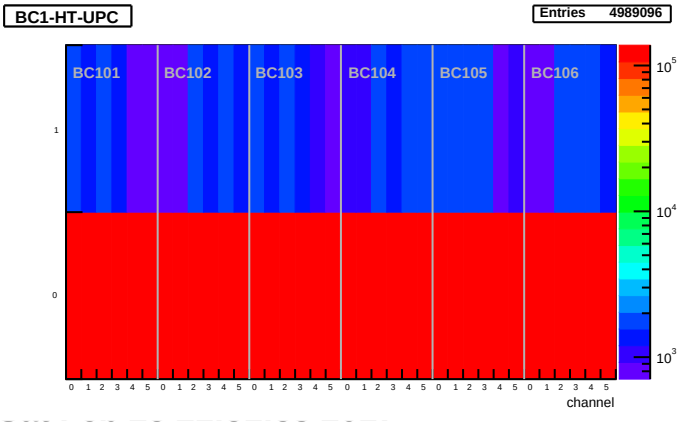

BC1-HT-th2-Diff
Entries 229
BC101
BC102
BC103
BC104
BC105
BC106
channel

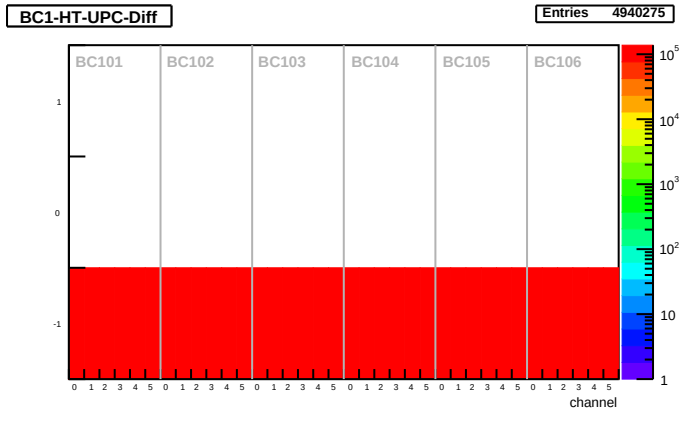

BC1-HT-th3
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

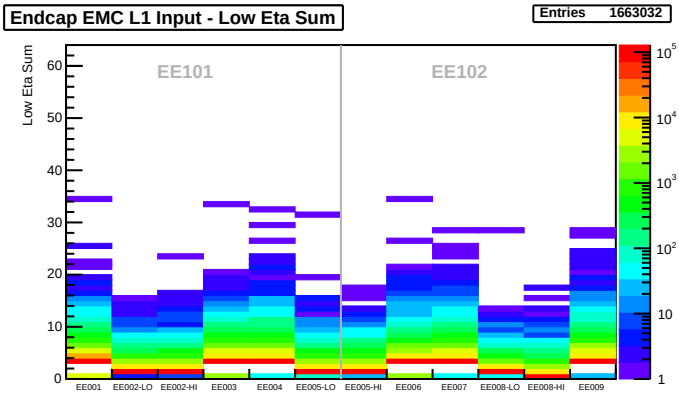

BC1-HT-th3-Diff
Entries 4989056
BC101
BC102
BC103
BC104
BC105
BC106
channel

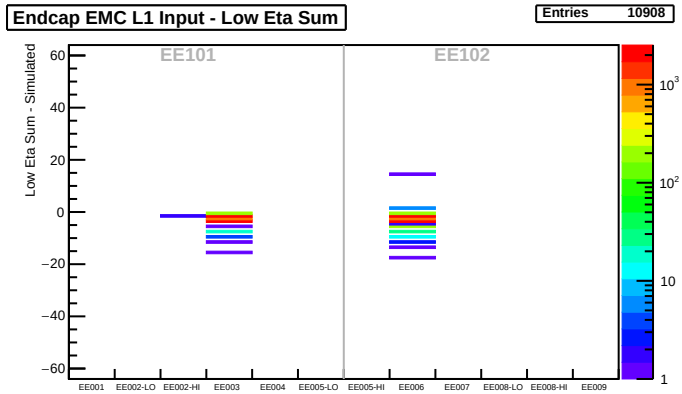

BC1-HT-th4
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

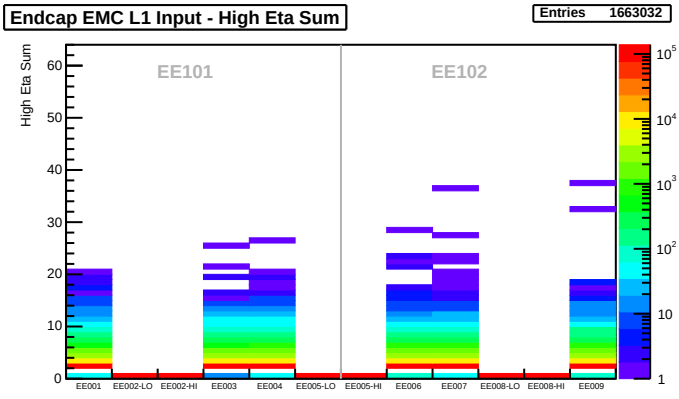

BC1-HT-th4-Diff
Entries 4989094
BC101
BC102
BC103
BC104
BC105
BC106
channel

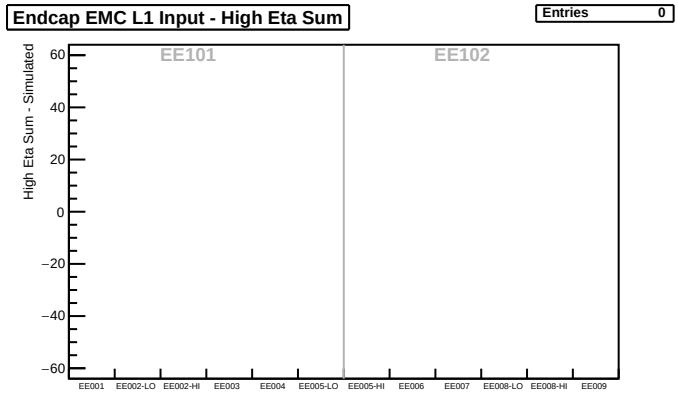

BC1-HT-UPC
Entries 4989096
BC101
BC102
BC103
BC104
BC105
BC106
channel

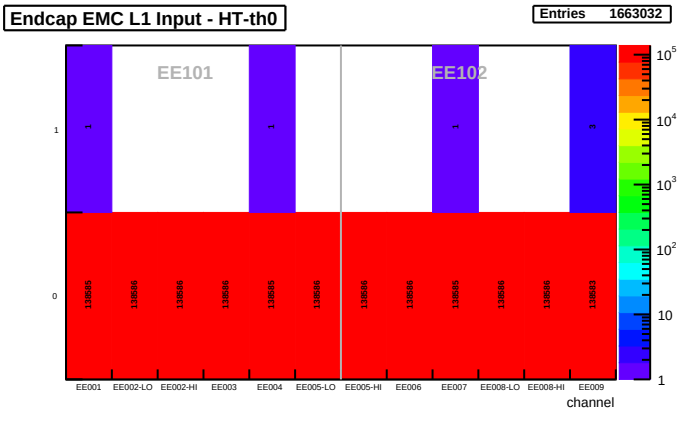

BC1-HT-UPC-Diff
Entries 4940275
BC101
BC102
BC103
BC104
BC105
BC106
channel

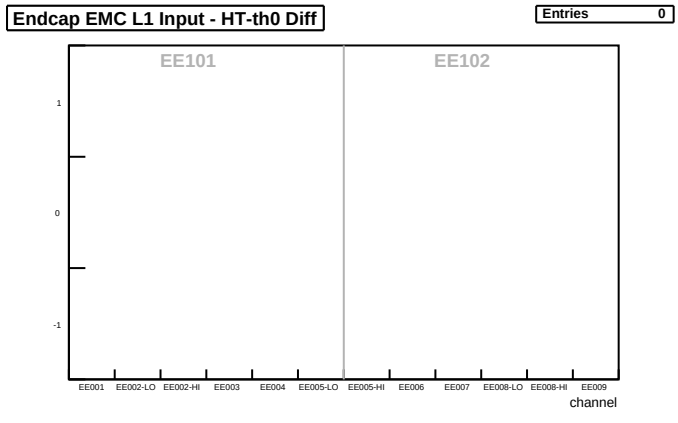

Endcap EMC L1 Input - Low Eta Sum
Entries 1663032
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

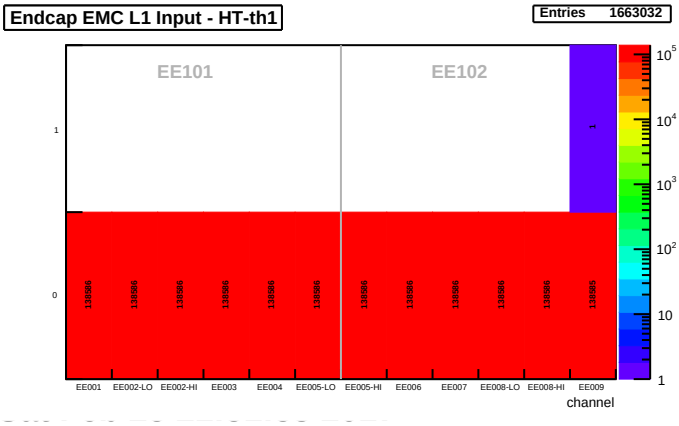

Endcap EMC L1 Input - Low Eta Sum
Entries 10908
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

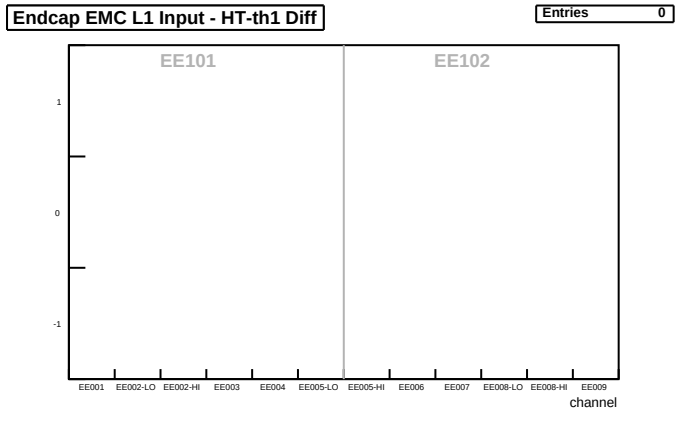

Endcap EMC L1 Input - High Eta Sum
Entries 1663032
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

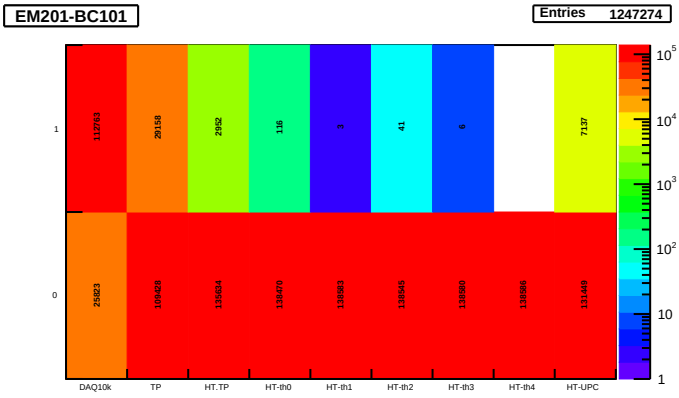

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

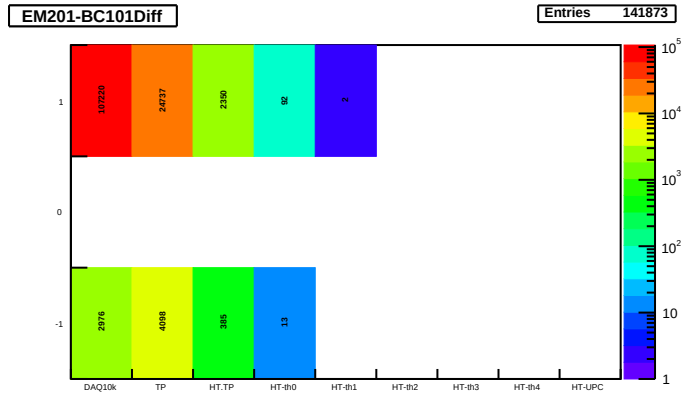

Endcap EMC L1 Input - HT-th0
Entries 1663032
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

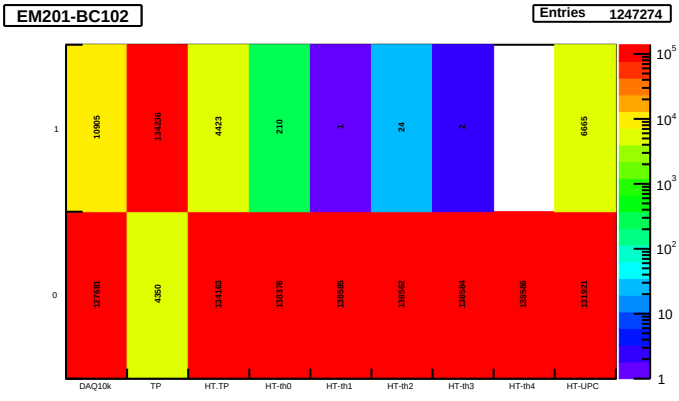

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

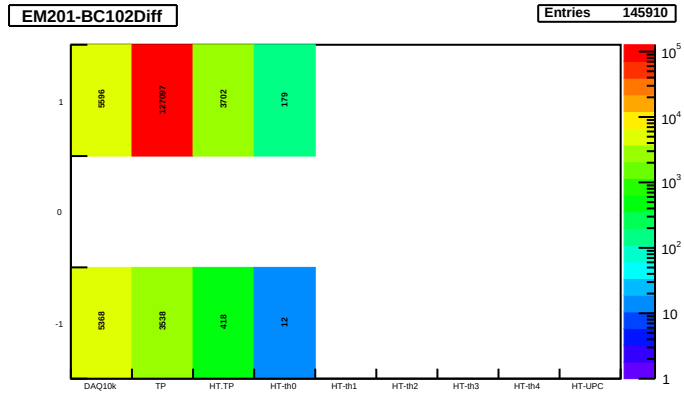

Endcap EMC L1 Input - HT-th1
Entries 1663032
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

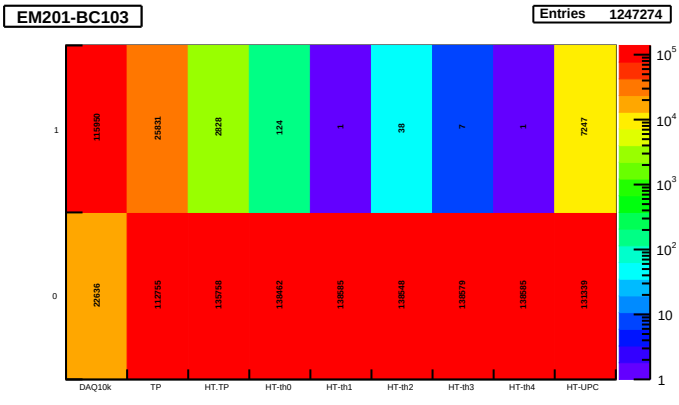

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

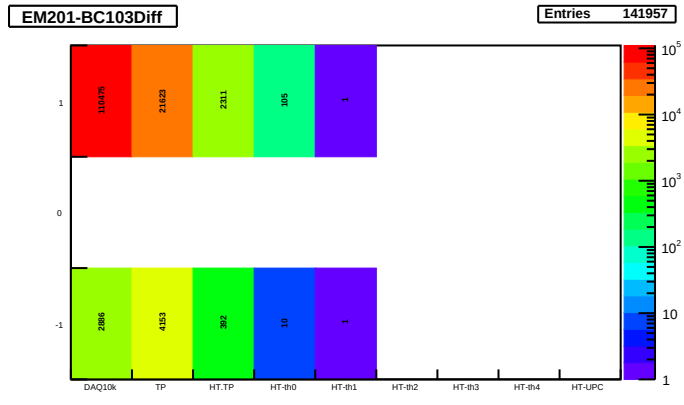

EM201-BC101
Entries 1247274
1 112763 29158 2952 116 3 41 6 7137
0 25823 109428 135234 138470 138583 138545 138580 138586 131449
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

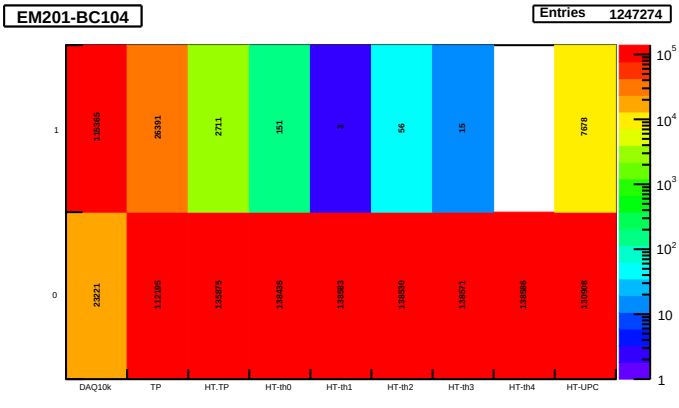

EM201-BC101Diff
Entries 141873
1 107220 24737 2350 92 2
0
-1 2976 4098 385 13
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

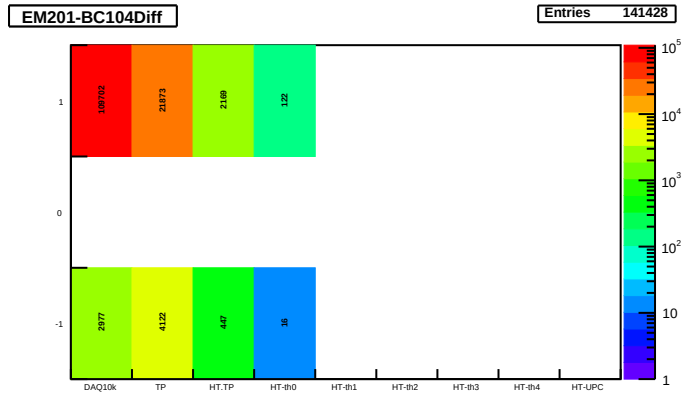

EM201-BC102
Entries 1247274
1 10905 134226 4423 210 1 24 2 6665
0 127651 4350 134103 138376 138585 138562 138584 138586 131921
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC102Diff
Entries 145910
1 5596 127087 3702 179
0
-1 5368 3638 418 12
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

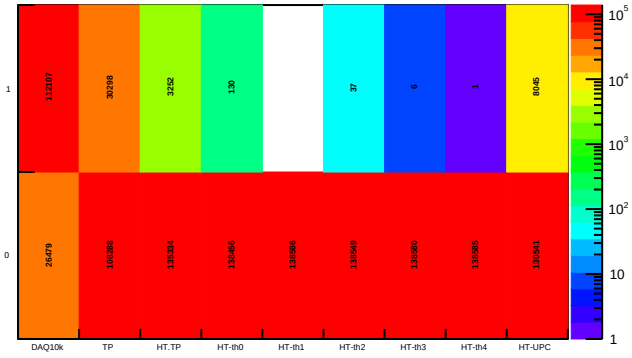

EM201-BC103
Entries 1247274
1 119950 25831 2828 124 1 38 7 1 7247
0 22536 112755 139758 138462 138585 138548 138579 138585 131339
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC103Diff
Entries 141957
1 110475 21523 2311 105 1
0
-1 2986 4153 392 10 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

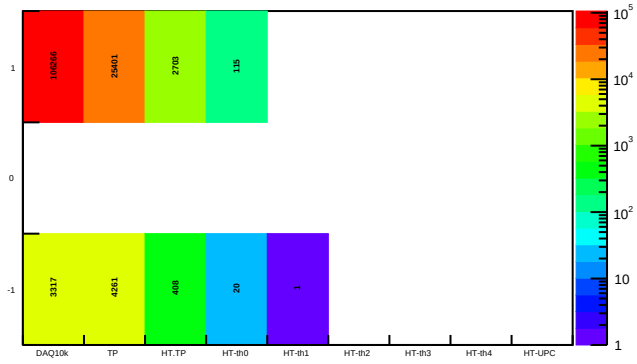

EM201-BC104
Entries 1247274
1 115365 26391 2711 151 3 56 15 7678
0 23221 112205 135975 138435 138583 138530 138571 138586 130908
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC104Diff
Entries 141428
1 109702 21873 2169 122
0
-1 2977 4122 447 16
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

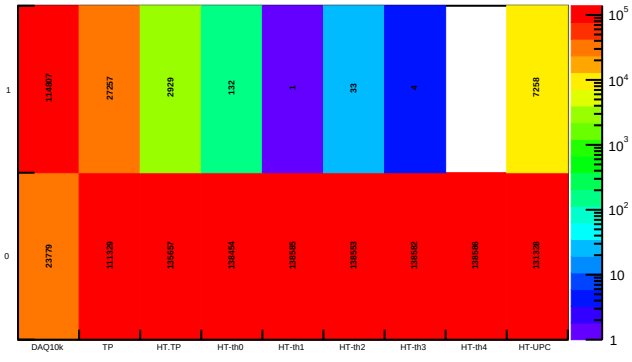
EM201-BC105 Entries 1247274



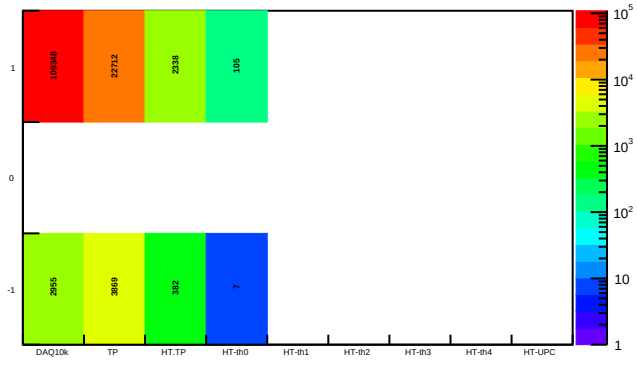
EM201-BC105Diff Entries 142492



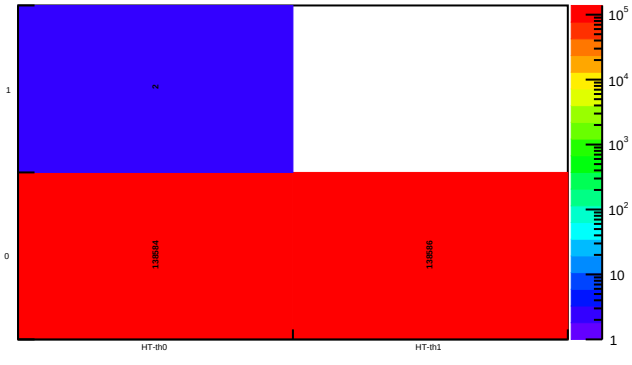
EM201-BC106 Entries 1247274



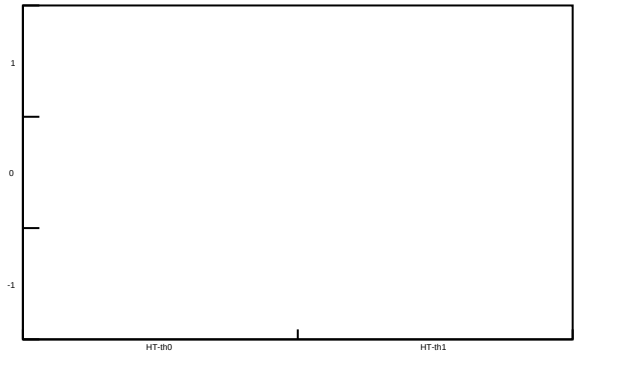
EM201-BC106Diff Entries 141716



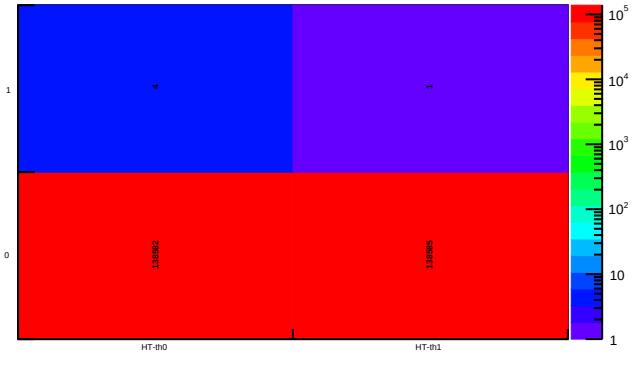
EM201-EE101 Entries 277172



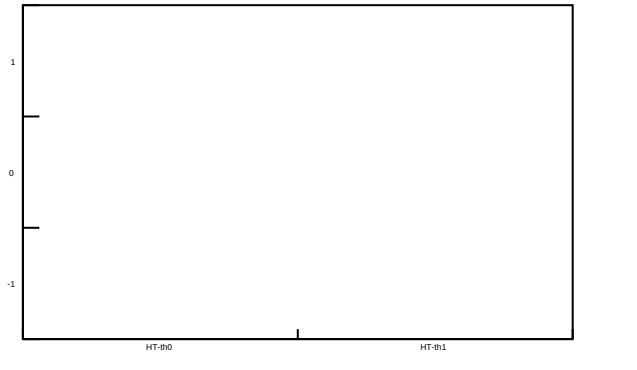
EM201-EE101Diff Entries 0

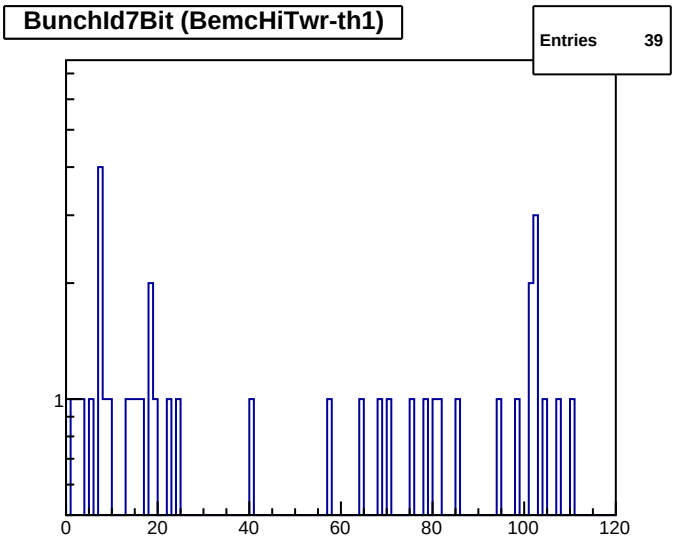


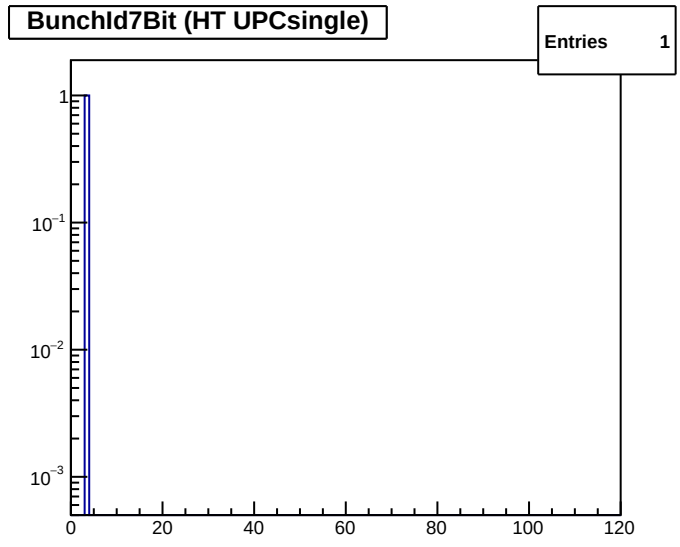
EM201-EE102 Entries 277172

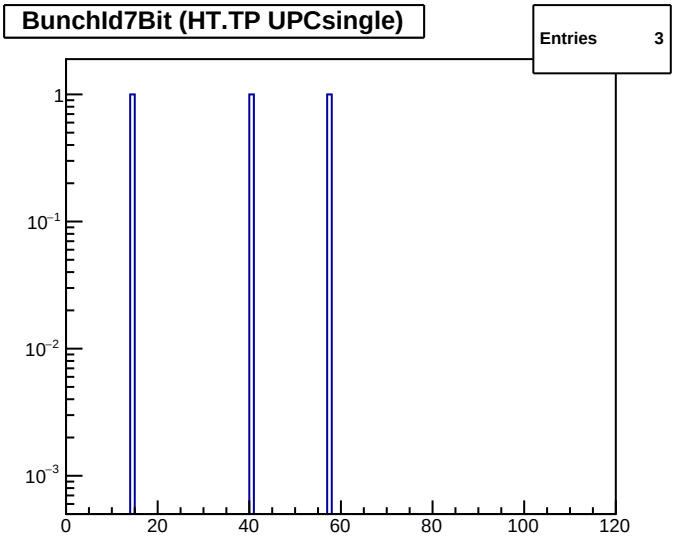


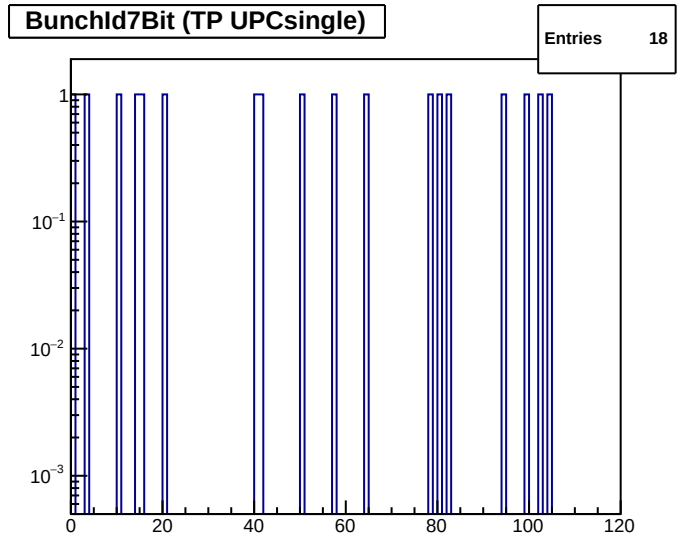
EM201-EE102Diff Entries 0

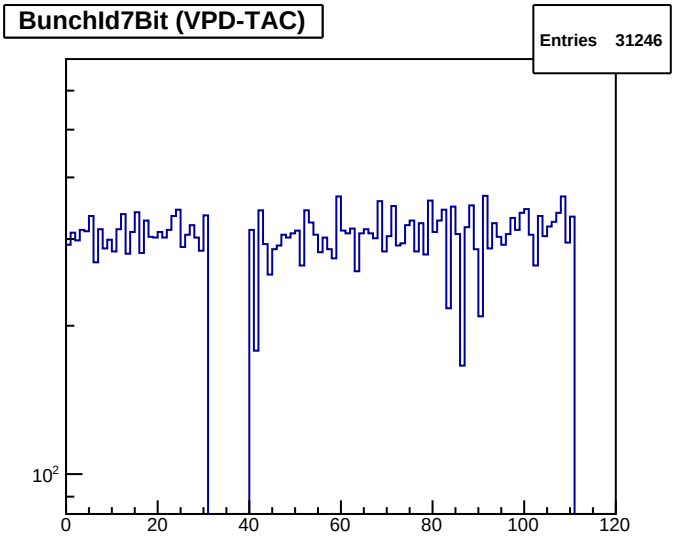


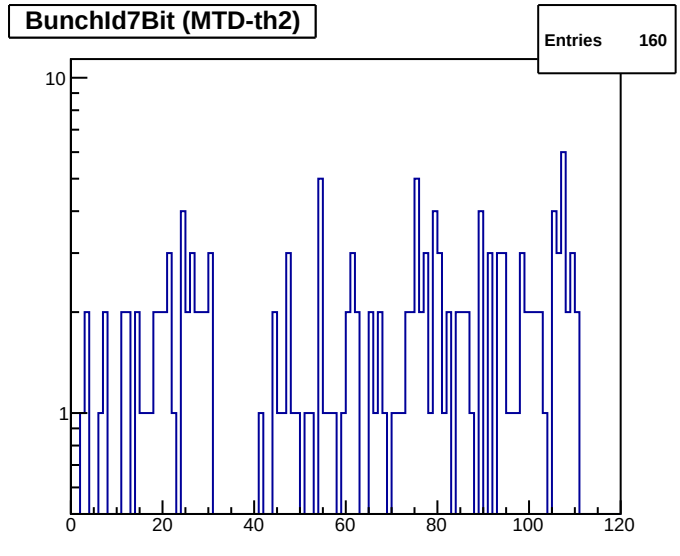

BunchId7Bit (BemcHiTwr-th1)
Entries 39
1
0 20 40 60 80 100 120

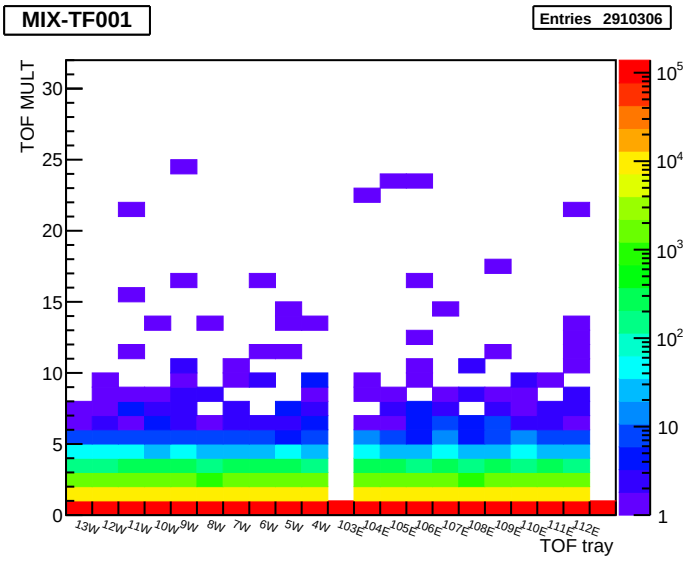

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

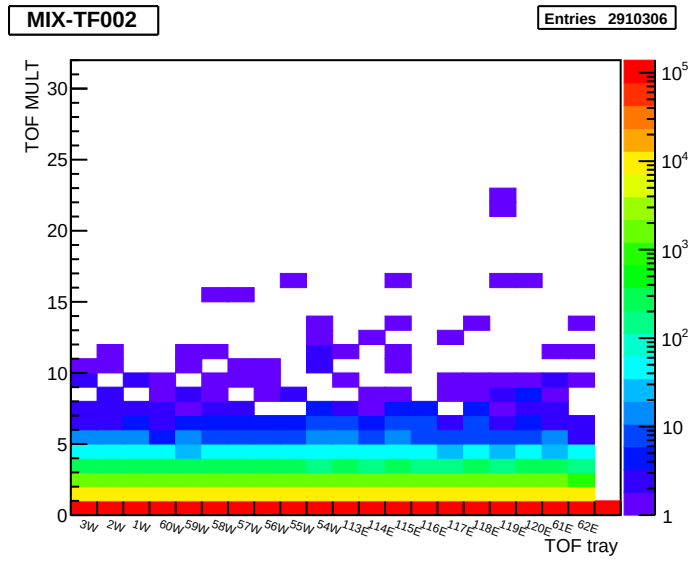

BunchId7Bit (HT.TP UPCsingle)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

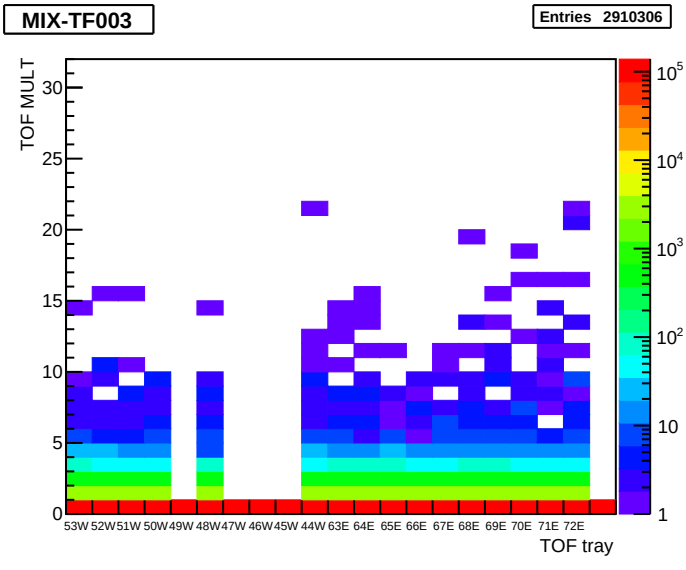

BunchId7Bit (TP UPCsingle)
Entries 18
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

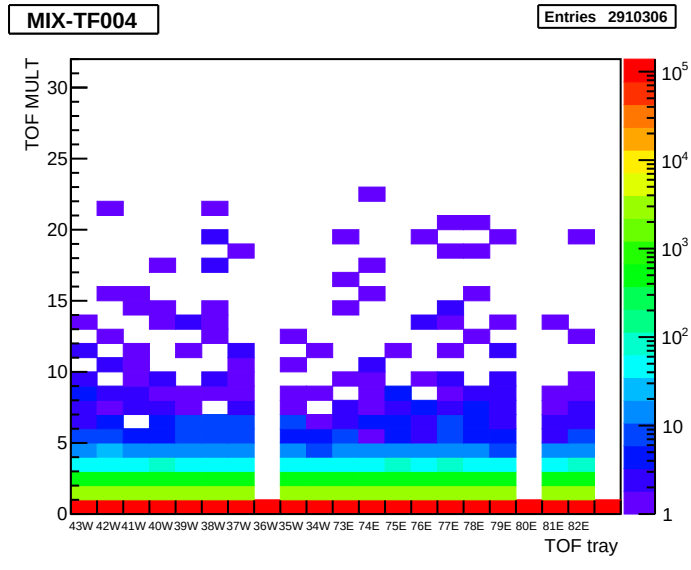

BunchId7Bit (VPD-TAC)
Entries 31246
10^{2}
0 20 40 60 80 100 120

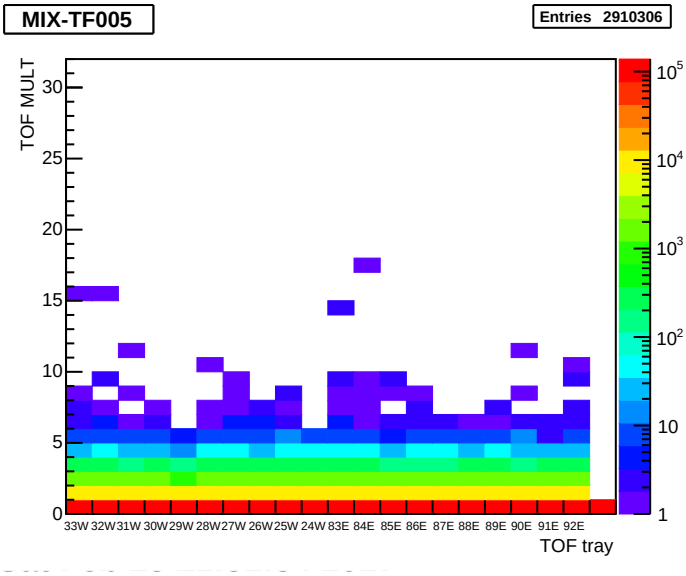

BunchId7Bit (MTD-th2)
Entries 160
10
1
0 20 40 60 80 100 120

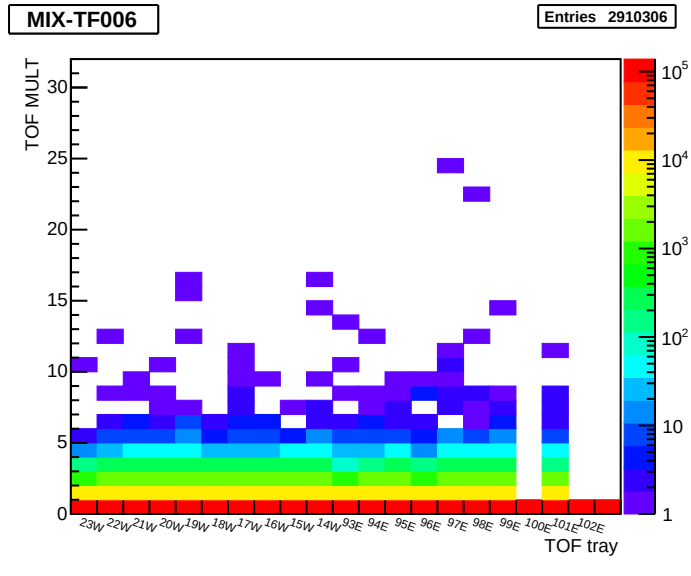

MIX-TF001
Entries 2910306
TOF MULT
TOF tray

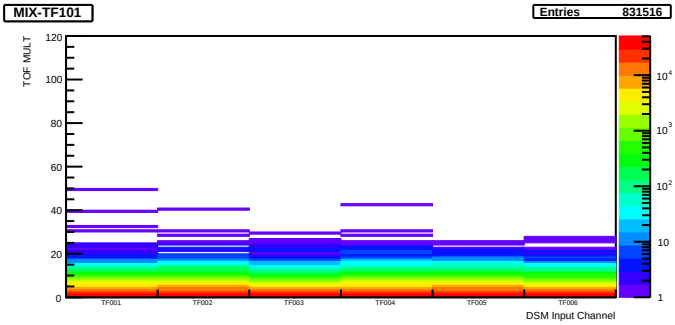

MIX-TF002
Entries 2910306
TOF MULT
TOF tray

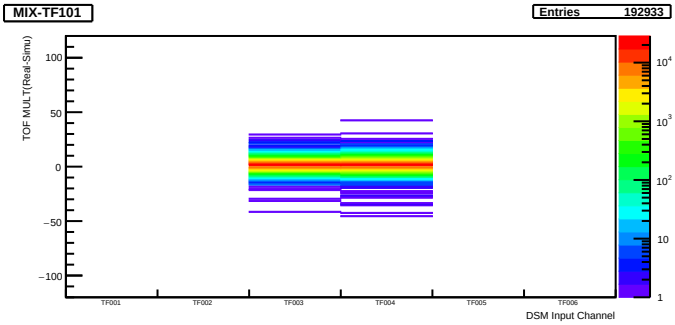

MIX-TF003
Entries 2910306
TOF MULT
TOF tray

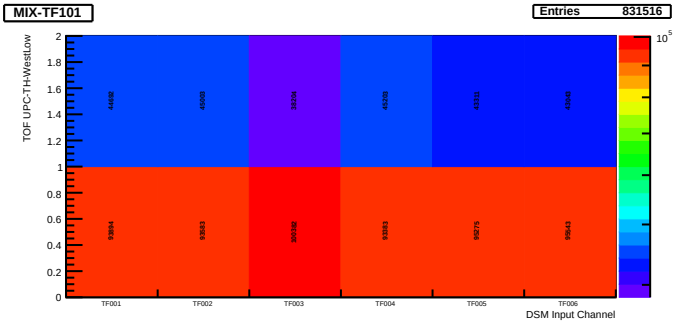

MIX-TF004
Entries 2910306
TOF MULT
TOF tray

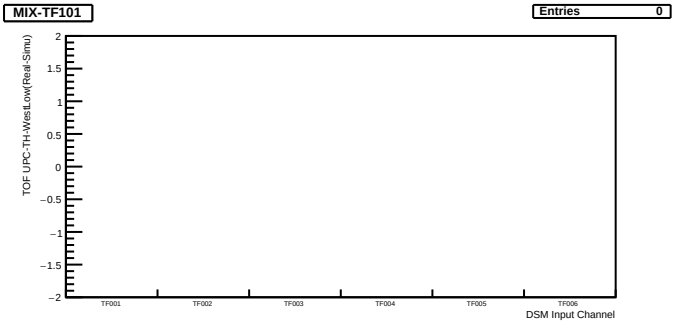

MIX-TF005
Entries 2910306
TOF MULT
TOF tray

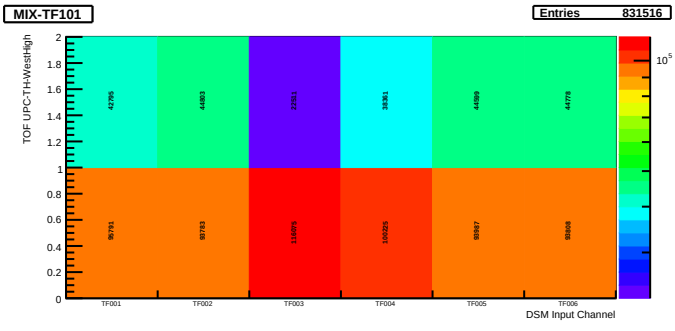

MIX-TF006
Entries 2910306
TOF MULT
TOF tray

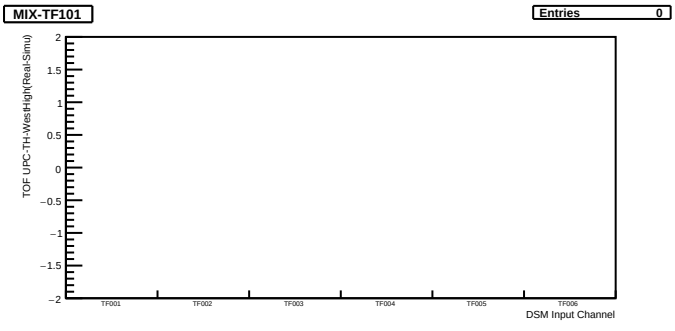

MIX-TF101
Entries 831516
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

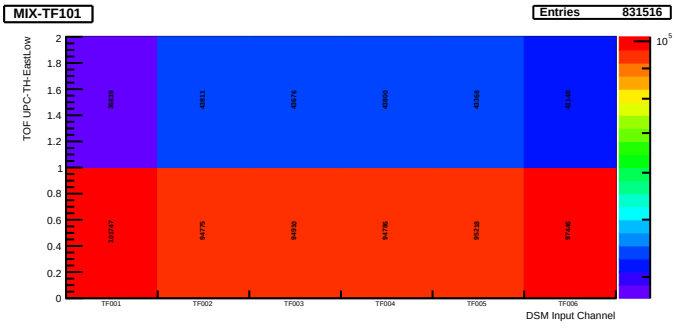

MIX-TF101
Entries 192933
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

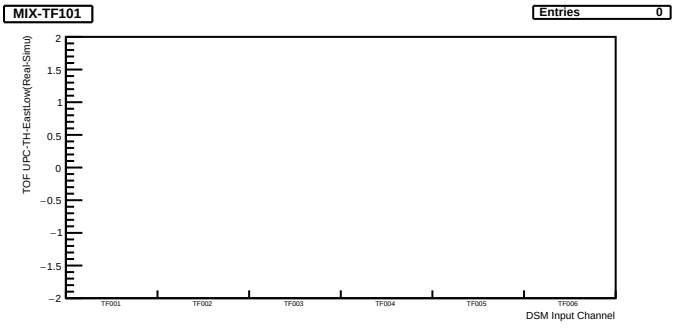

MIX-TF101
Entries 831516
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

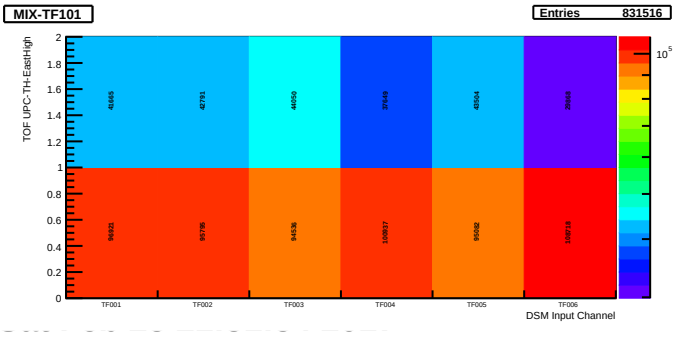

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

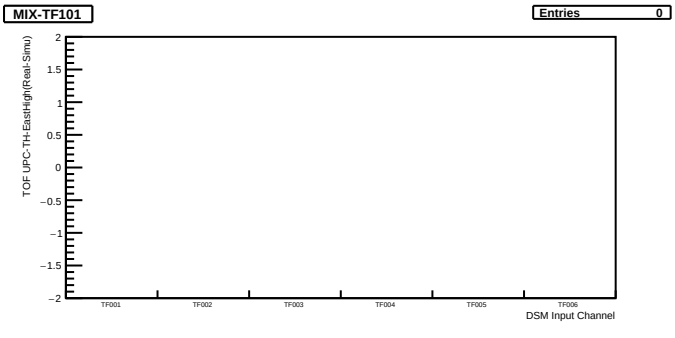

MIX-TF101
Entries 831516
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

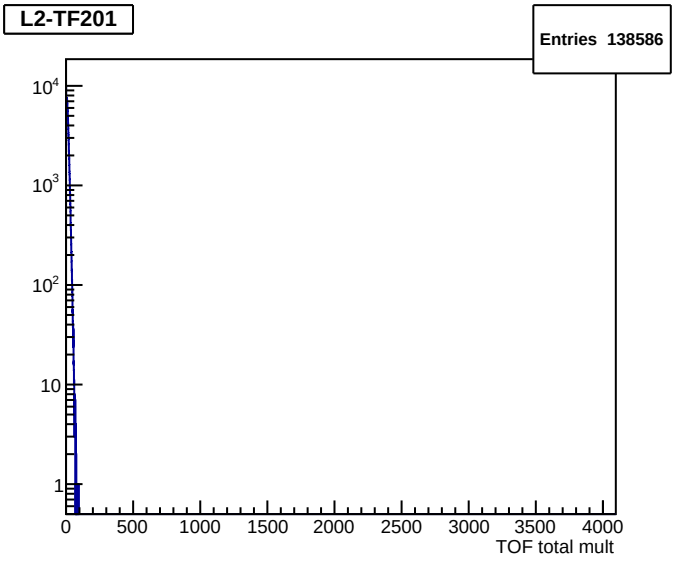

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

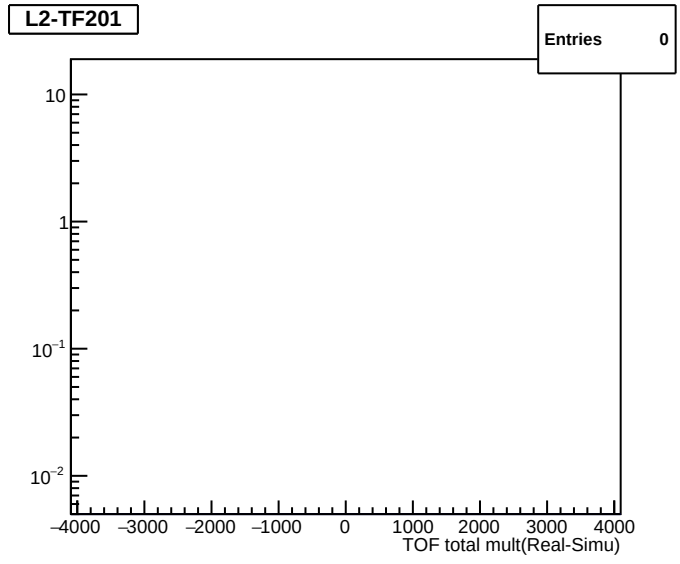

MIX-TF101
Entries 831516
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

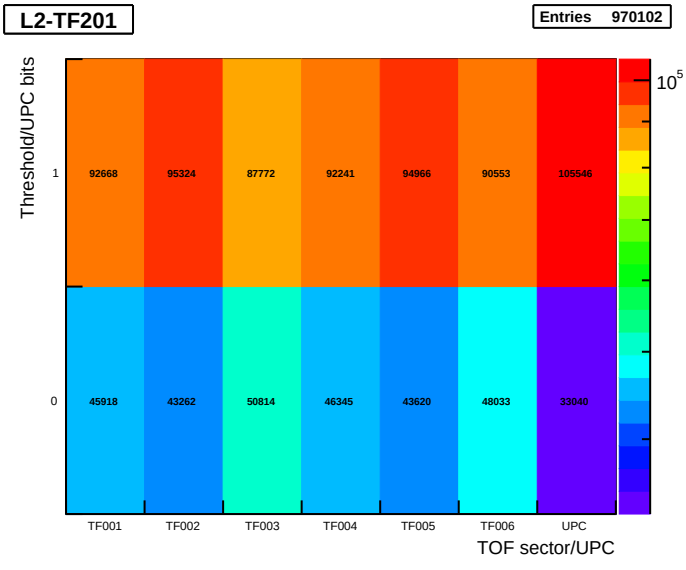

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

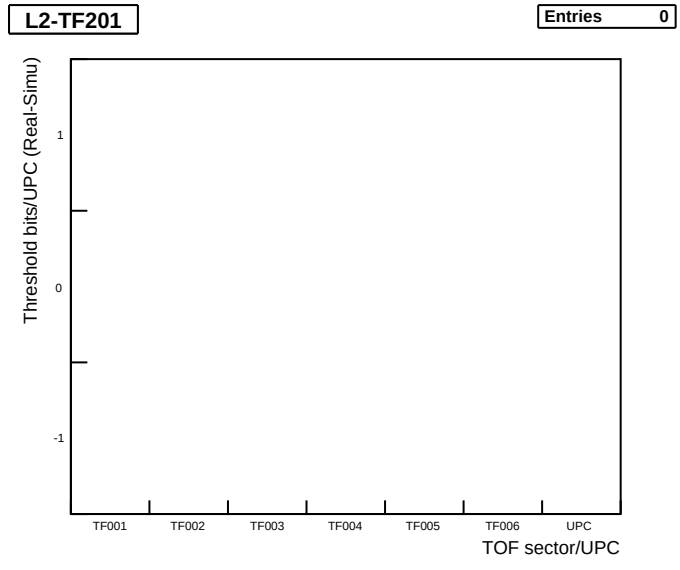

MIX-TF101
Entries 831516
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

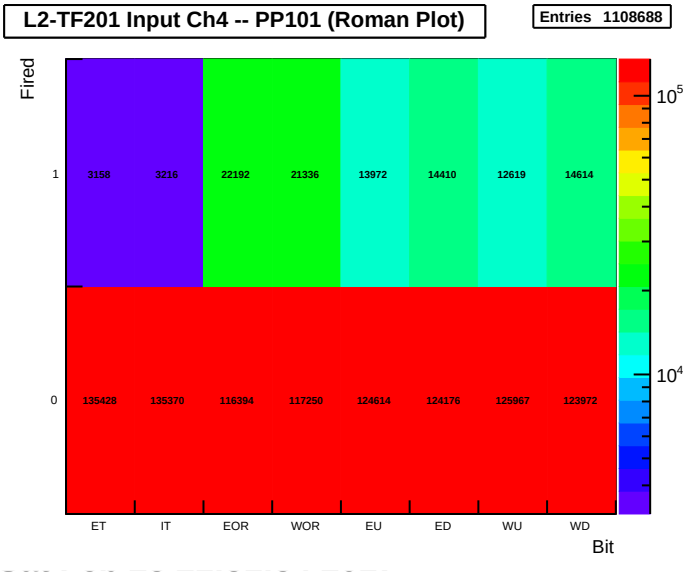

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

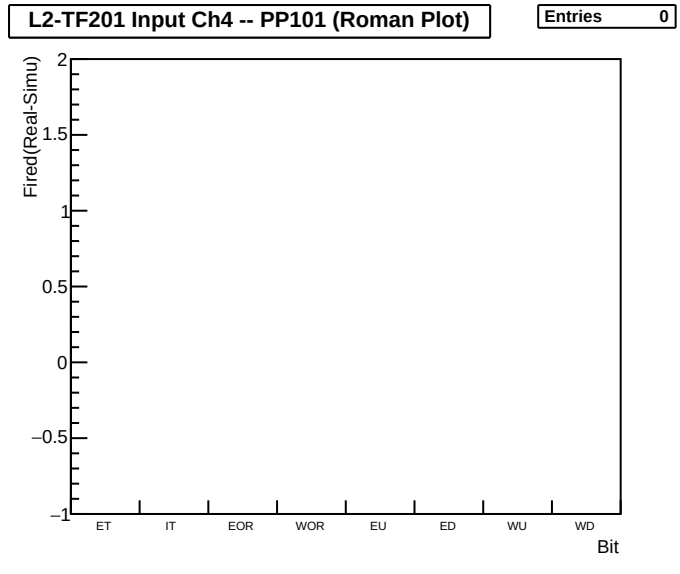

L2-TF201
Entries 138586
TOF total mult

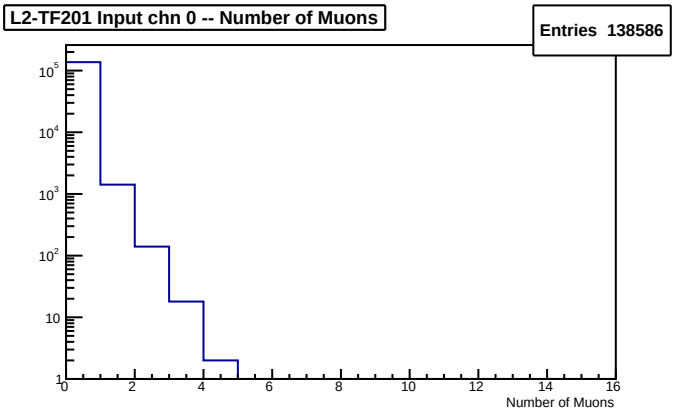

L2-TF201
Entries 0
TOF total mult(Real-Simu)

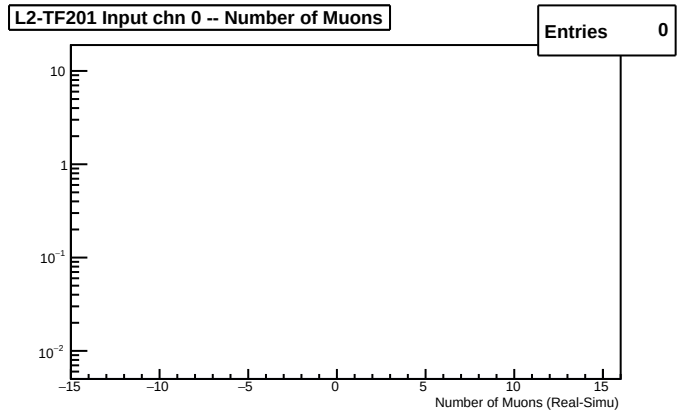

L2-TF201
Entries 970102
Threshold/UPC bits
92668
95324
87772
92241
94966
90553
105546
45918
43262
50814
46345
43620
48033
33040
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

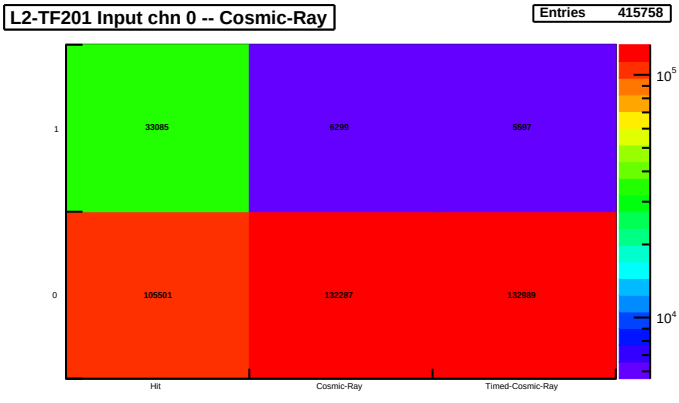

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

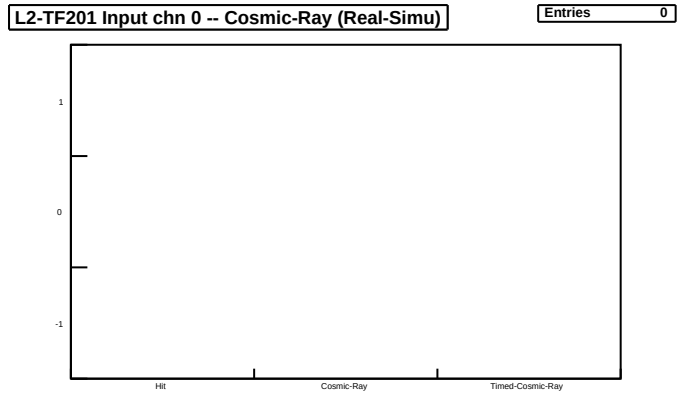

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1108688
Fired
3158
3216
22192
21336
13972
14410
12619
14614
135428
135370
116394
117250
124614
124176
125967
123972
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

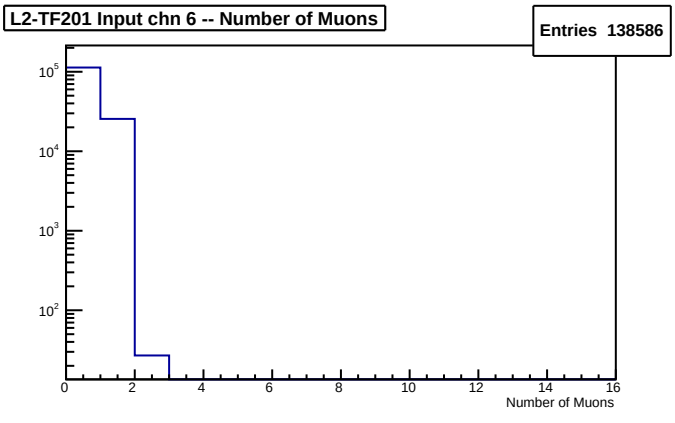

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

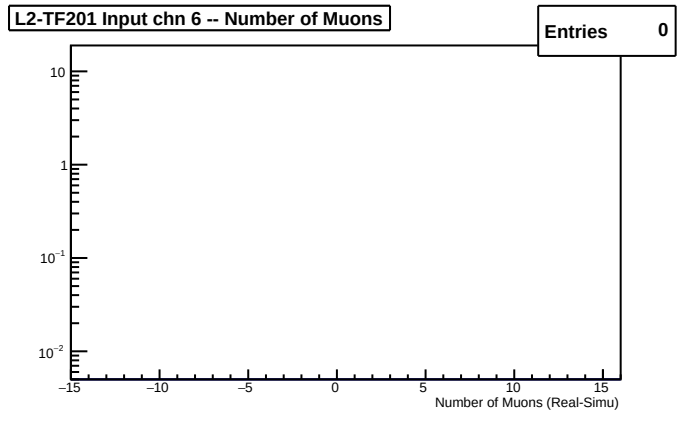

L2-TF201 Input chn 0 -- Number of Muons
Entries 138586
Number of Muons

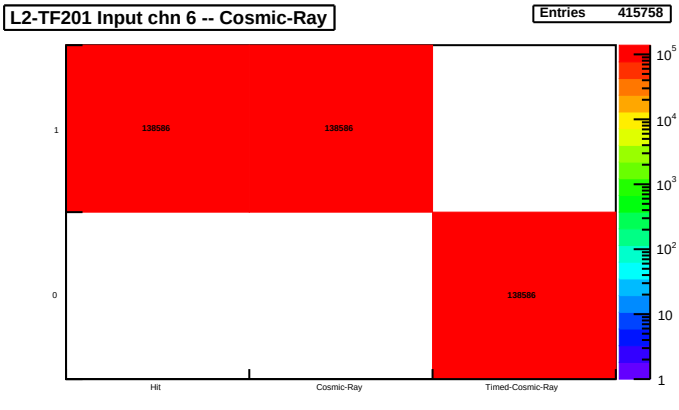

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

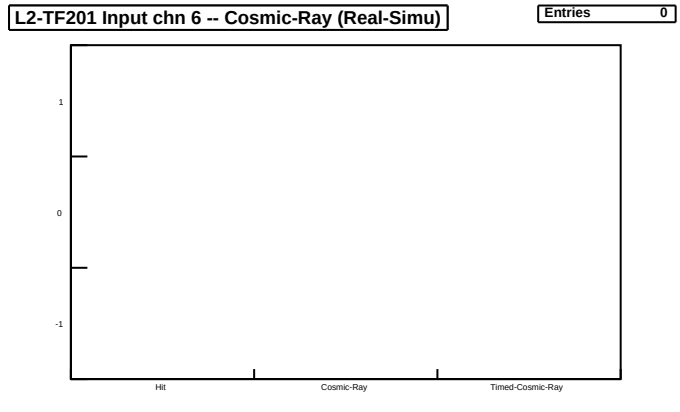

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 415758
33085
6299
5597
105501
132287
132989
Hit
Cosmic-Ray
Timed-Cosmic-Ray

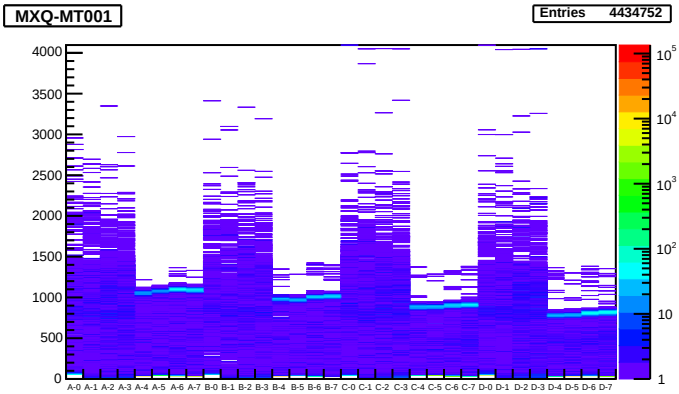

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

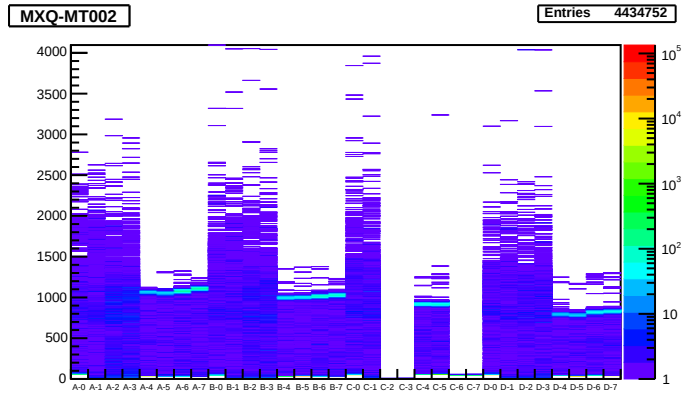

L2-TF201 Input chn 6 -- Number of Muons
Entries 138586
Number of Muons

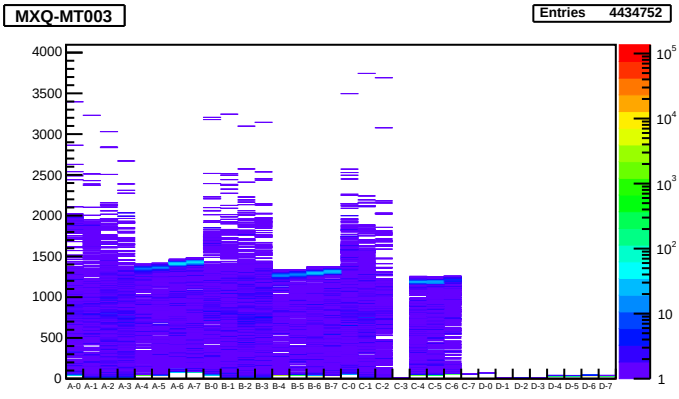

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

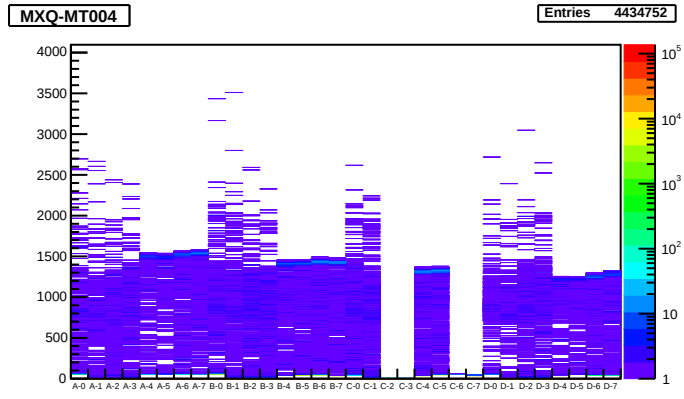

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 415758
138586
138586
138586
Hit
Cosmic-Ray
Timed-Cosmic-Ray

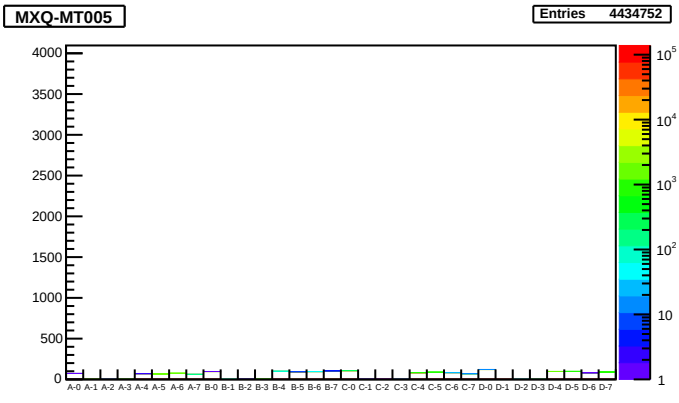

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

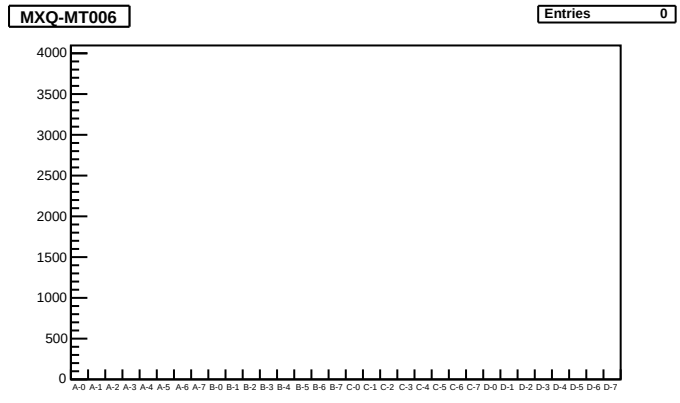

MXQ-MT001
Entries 4434752

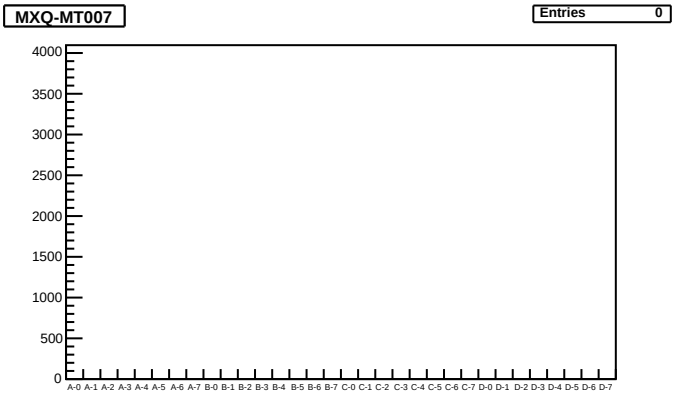

MXQ-MT002
Entries 4434752

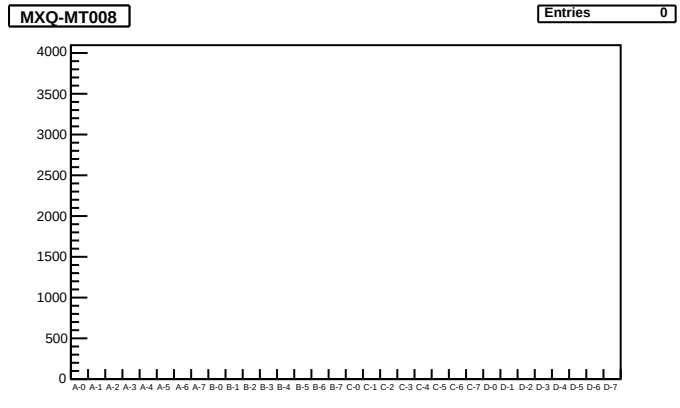

MXQ-MT003
Entries 4434752

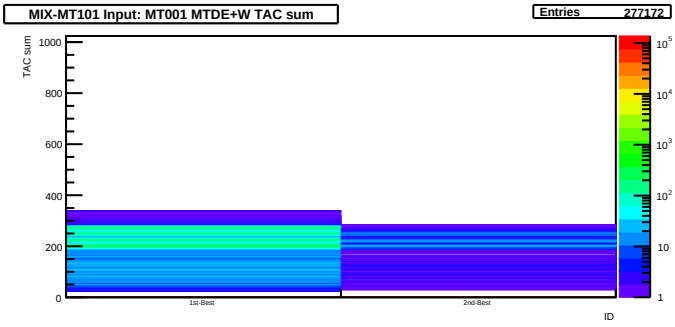

MXQ-MT004
Entries 4434752

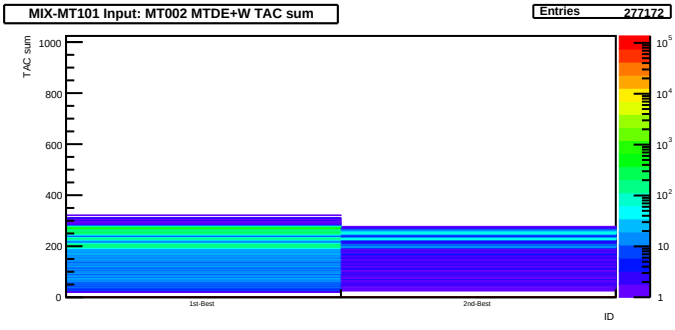

MXQ-MT005
Entries 4434752

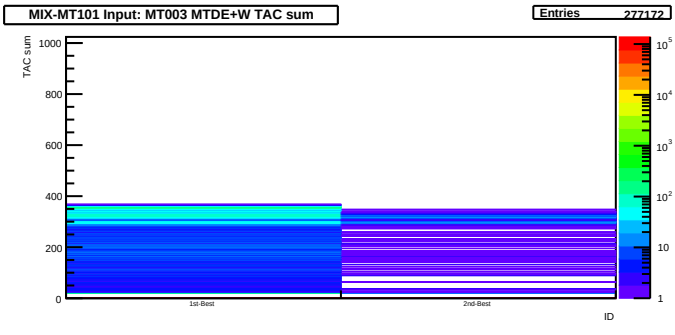

MXQ-MT006
Entries 0

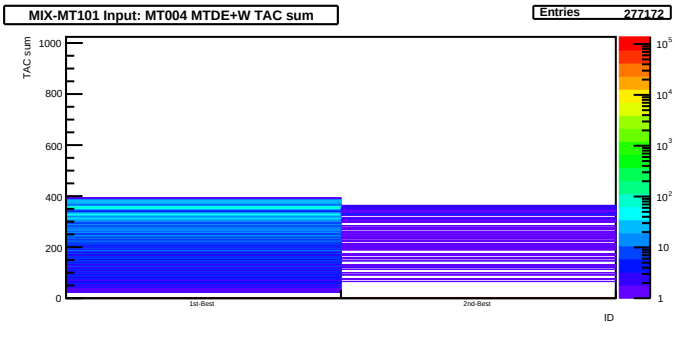

MXQ-MT007
Entries 0

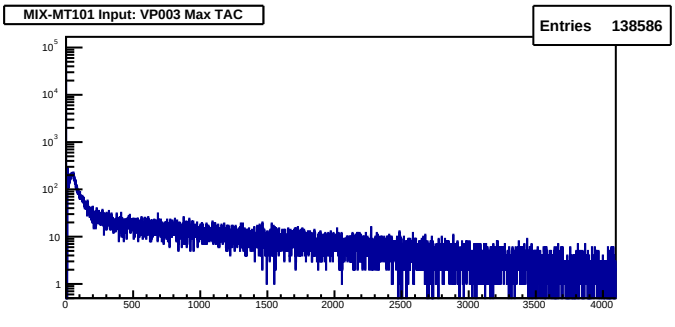

MXQ-MT008
Entries 0

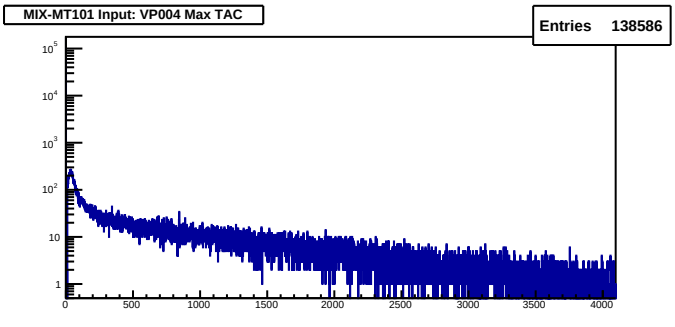

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

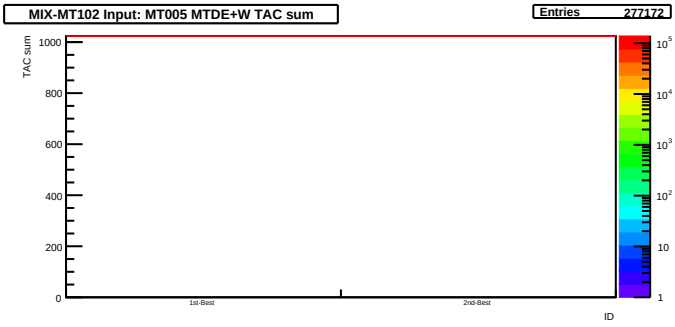

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

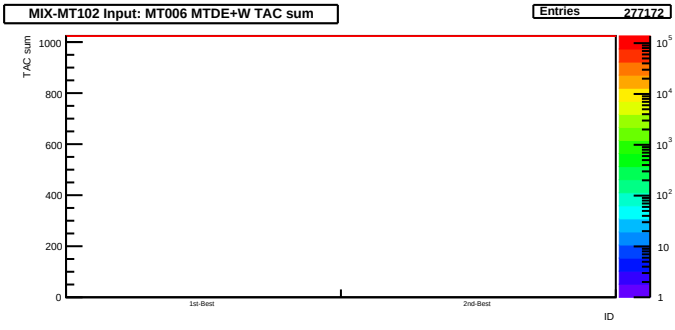

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

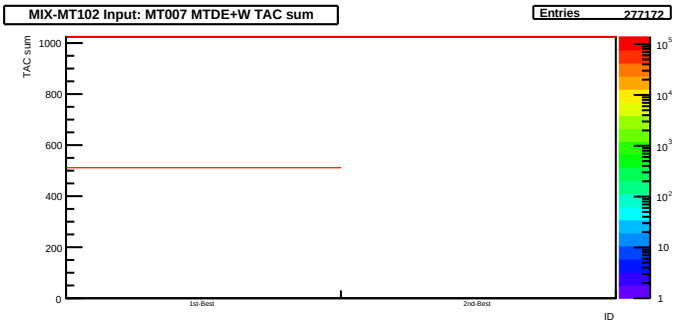

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

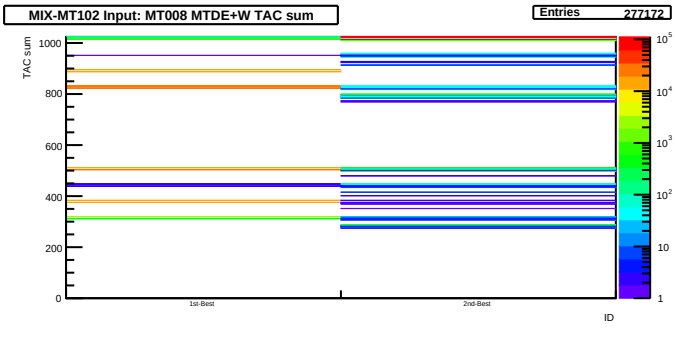

MIX-MT101 Input: VP003 Max TAC
Entries 138586

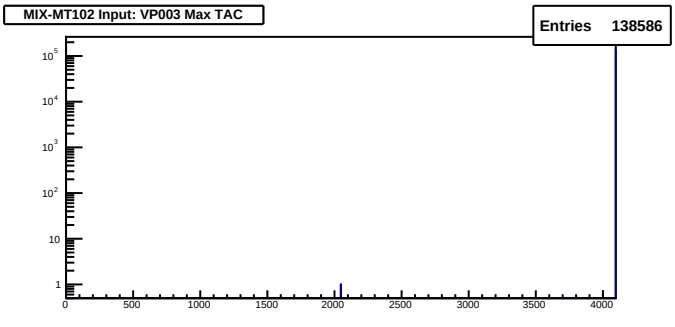

MIX-MT101 Input: VP004 Max TAC
Entries 138586

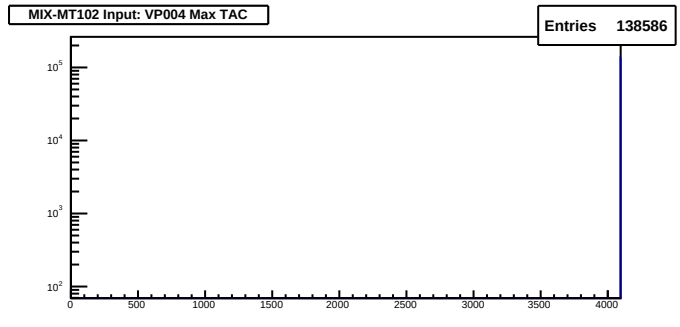

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

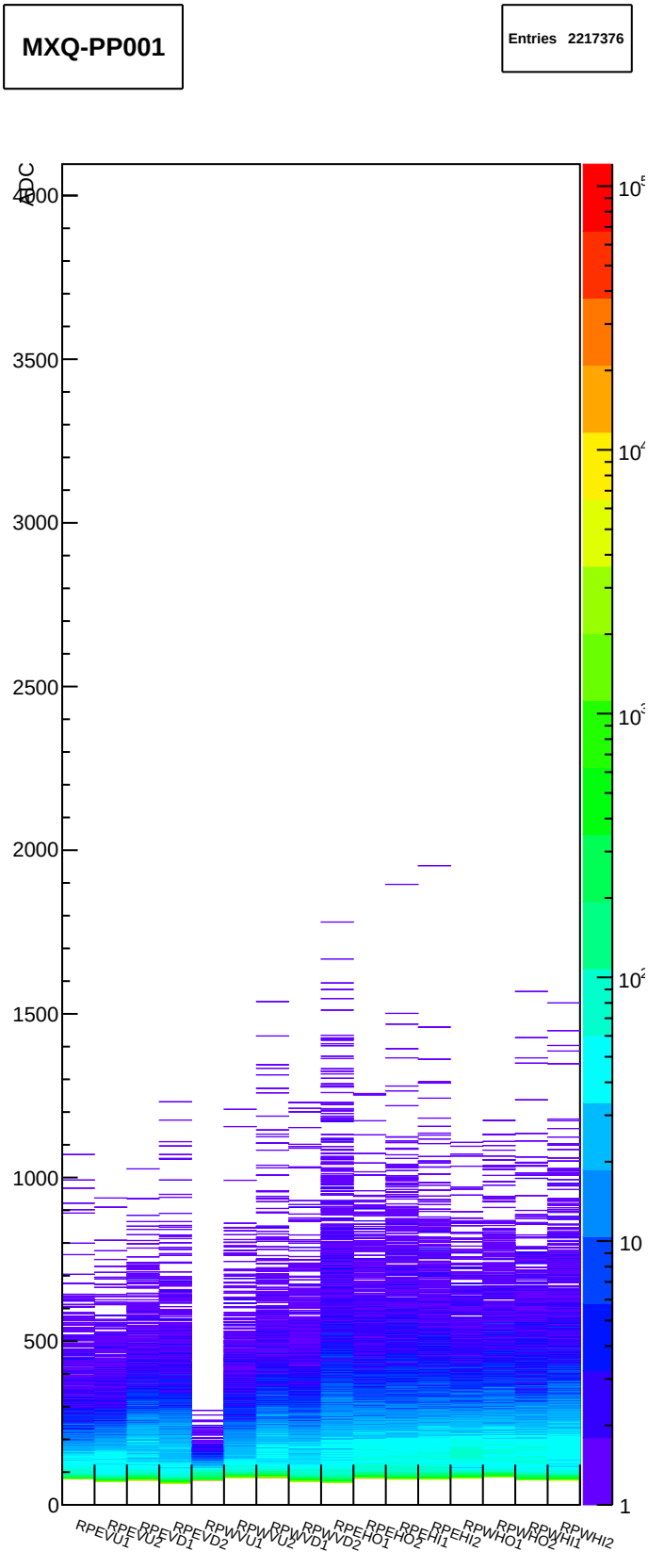

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

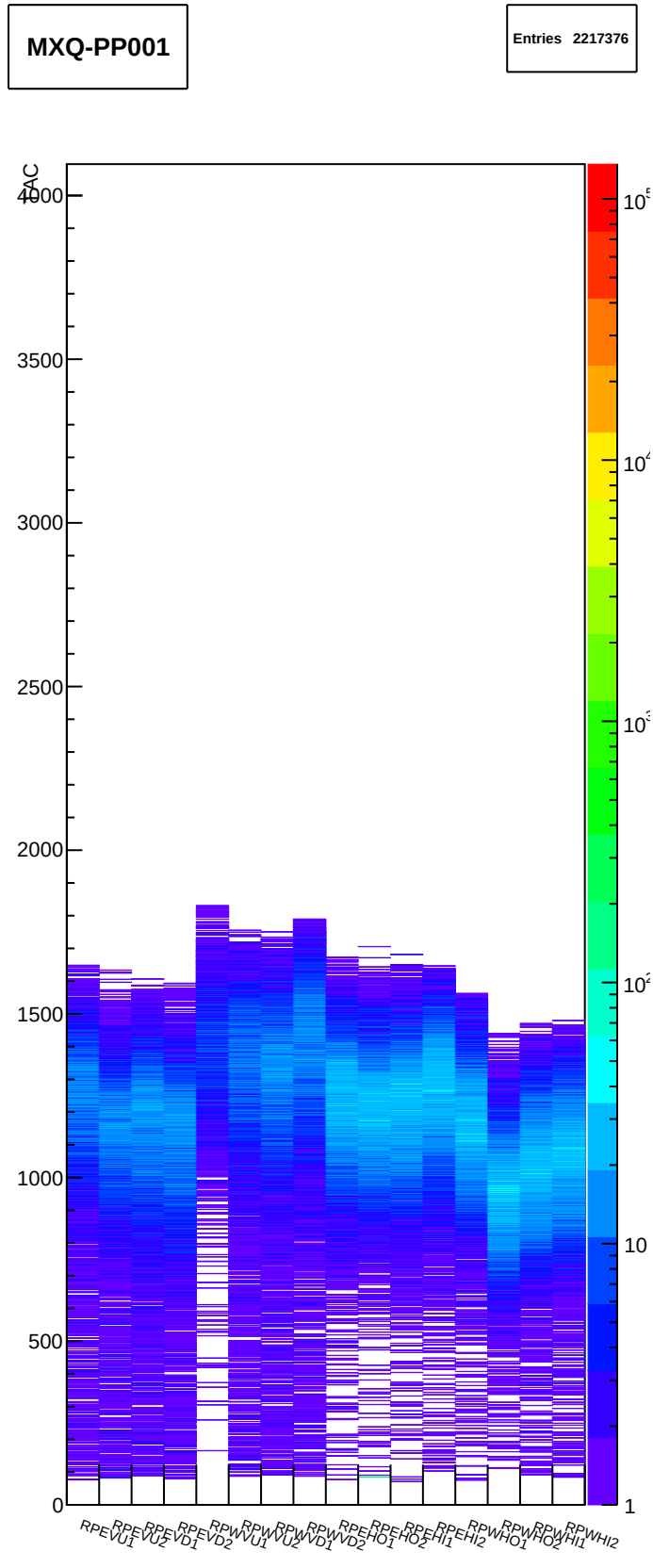

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

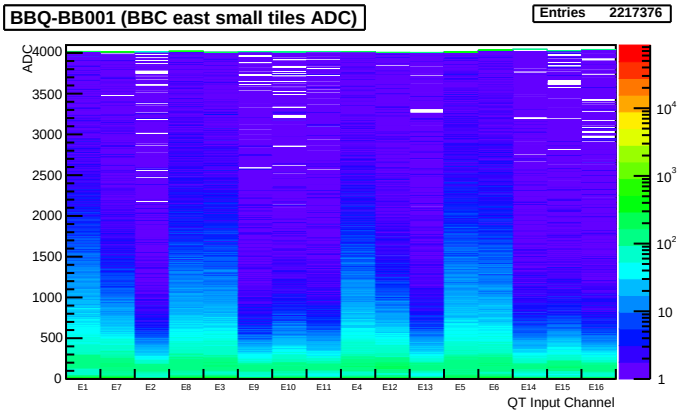

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 277172
TAC sum
1st-Best
2nd-Best
ID

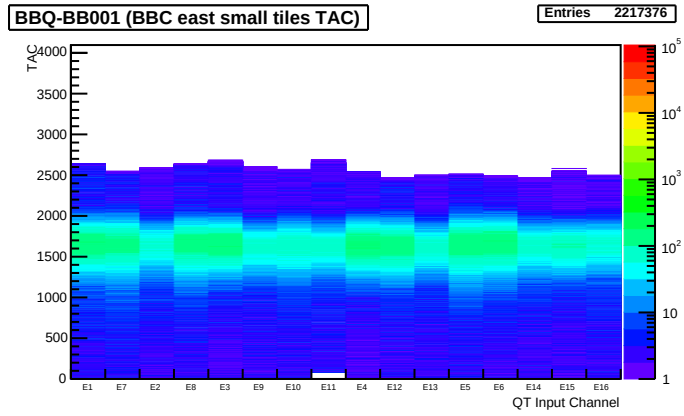

MIX-MT102 Input: VP003 Max TAC
Entries 138586

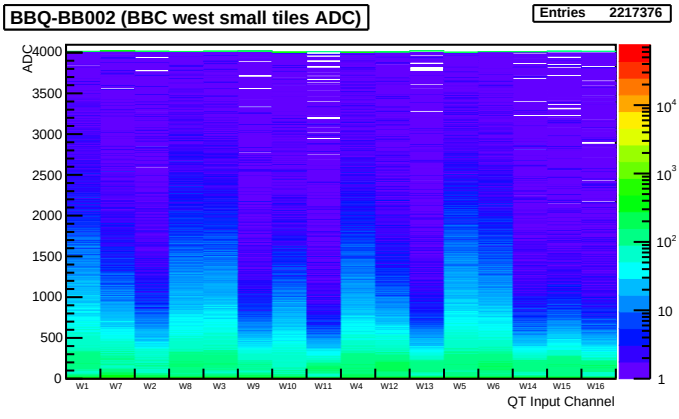

MIX-MT102 Input: VP004 Max TAC
Entries 138586

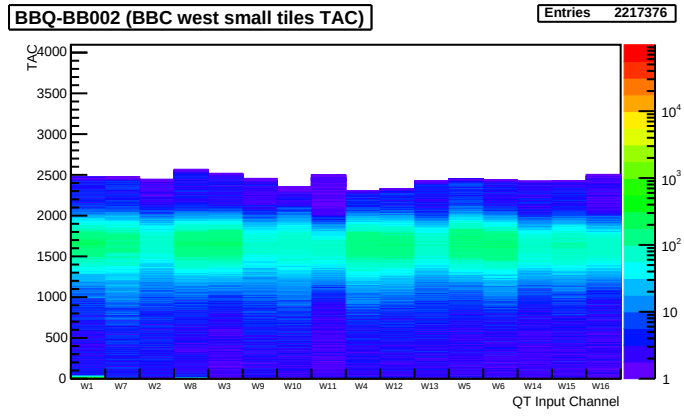

MXQ-PP001
Entries 2217376
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

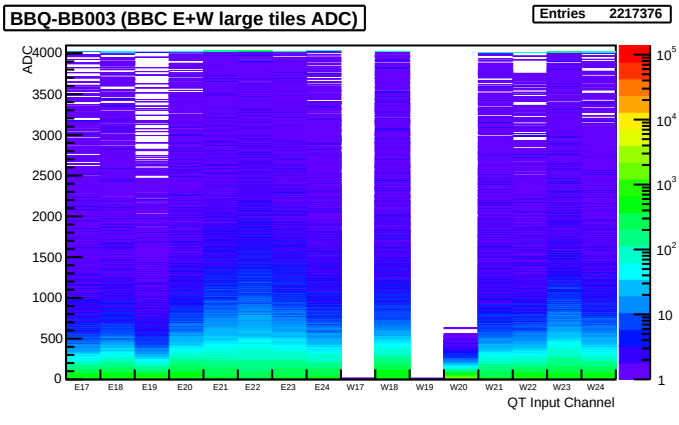

MXQ-PP001
Entries 2217376
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

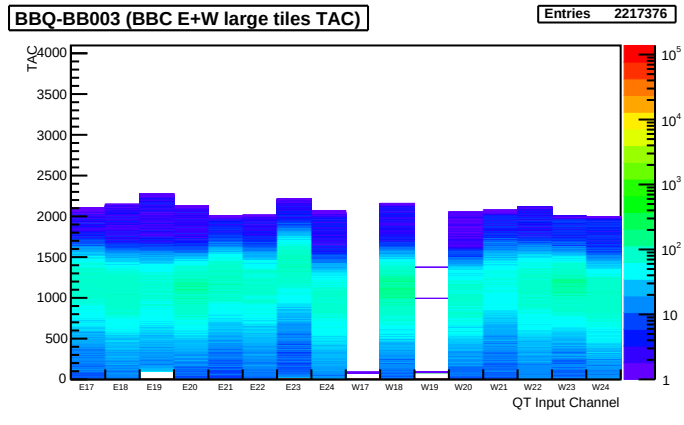

BBQ-BB001 (BBC east small tiles ADC)
Entries 2217376
ADC
QT Input Channel

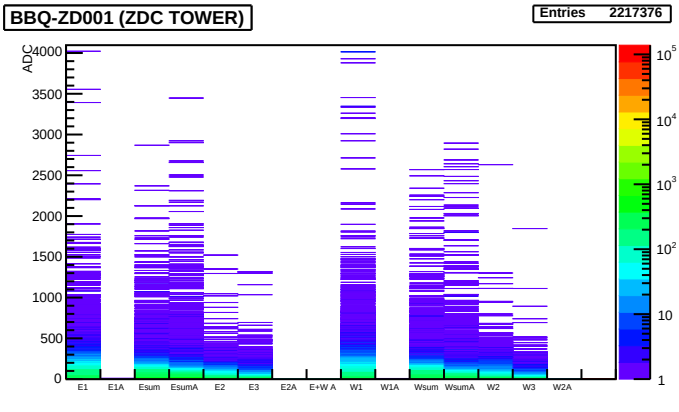

BBQ-BB001 (BBC east small tiles TAC)
Entries 2217376
TAC
QT Input Channel

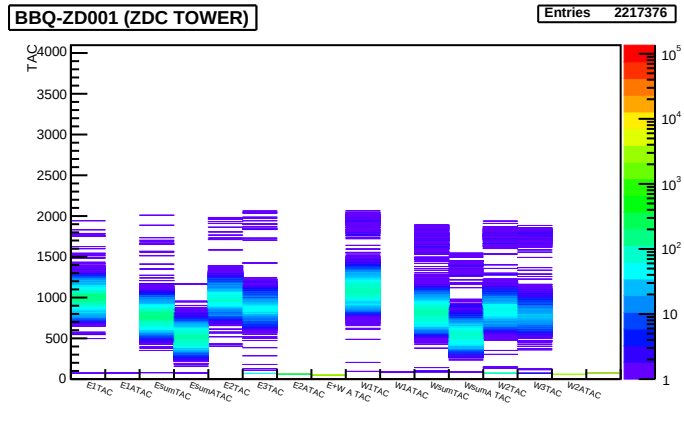

BBQ-BB002 (BBC west small tiles ADC)
Entries 2217376
ADC
QT Input Channel

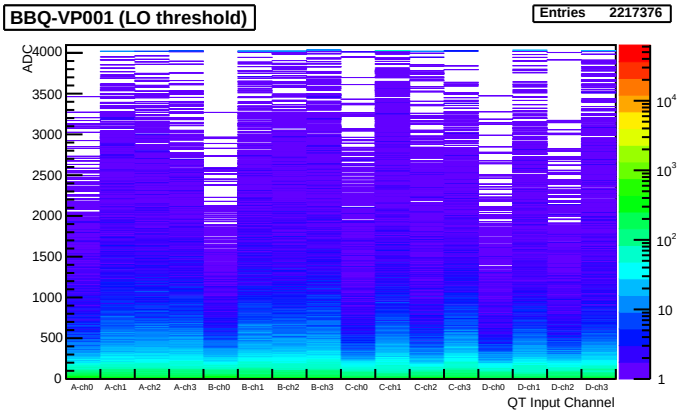

BBQ-BB002 (BBC west small tiles TAC)
Entries 2217376
TAC
QT Input Channel

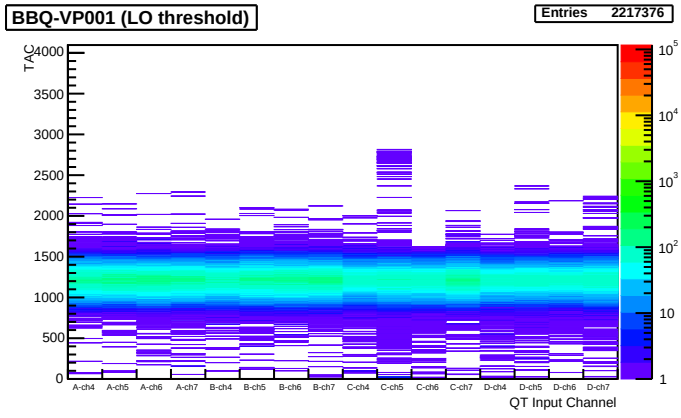

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2217376
ADC
QT Input Channel

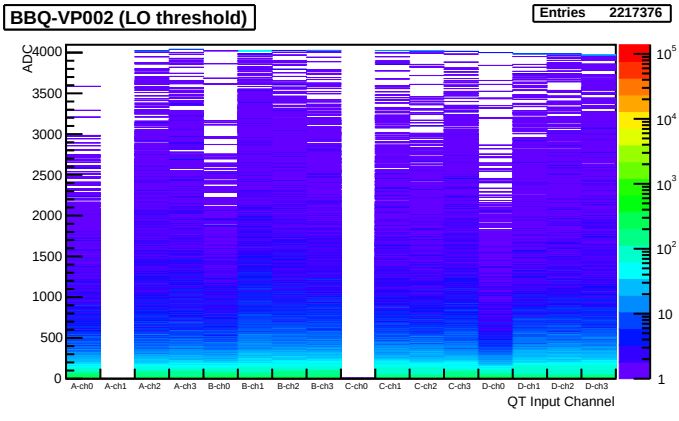

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2217376
TAC
QT Input Channel

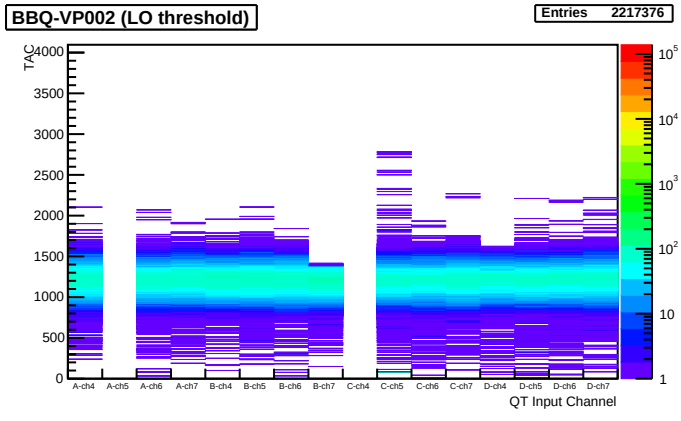

BBQ-ZD001 (ZDC TOWER)
Entries 2217376
ADC

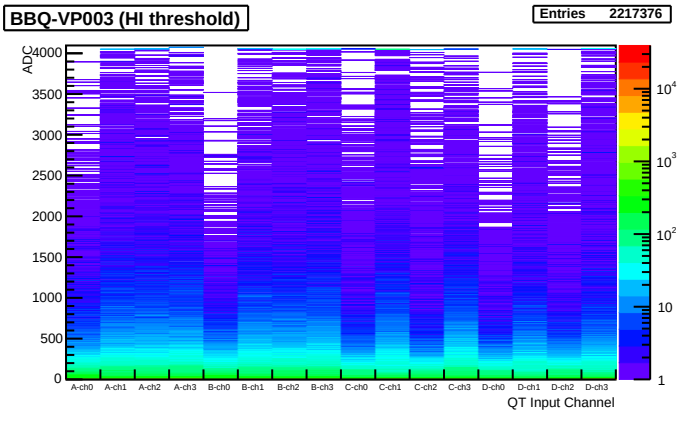

BBQ-ZD001 (ZDC TOWER)
Entries 2217376
TAC

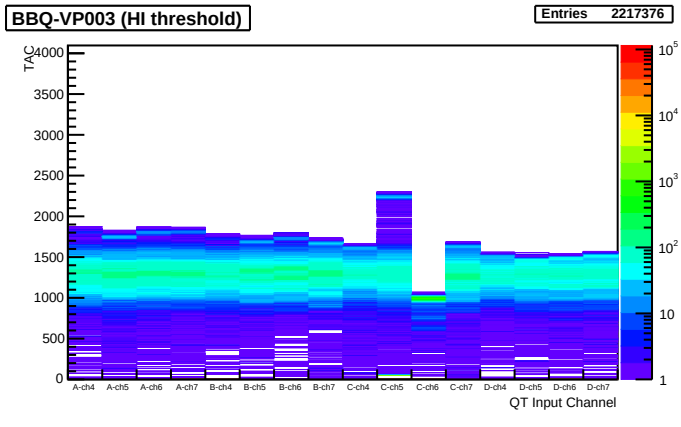

BBQ-VP001 (LO threshold)
Entries 2217376
ADC
QT Input Channel

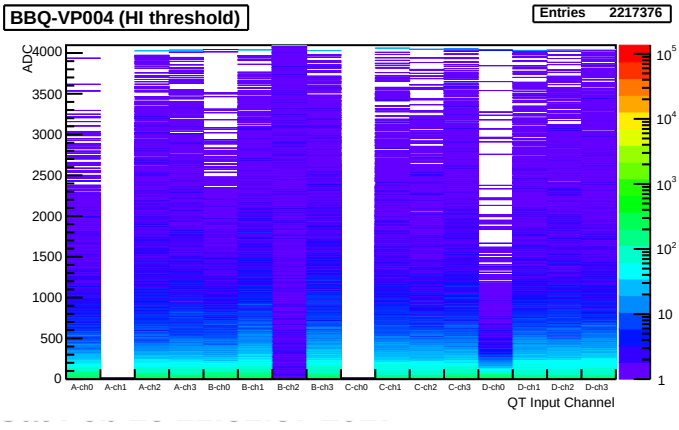

BBQ-VP001 (LO threshold)
Entries 2217376
TAC
QT Input Channel

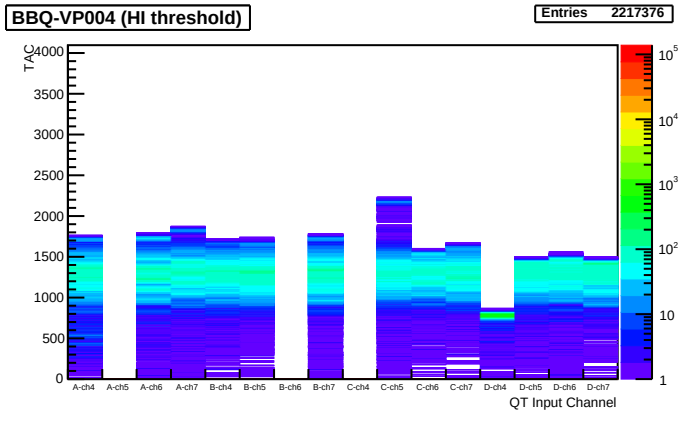

BBQ-VP002 (LO threshold)
Entries 2217376
ADC
QT Input Channel

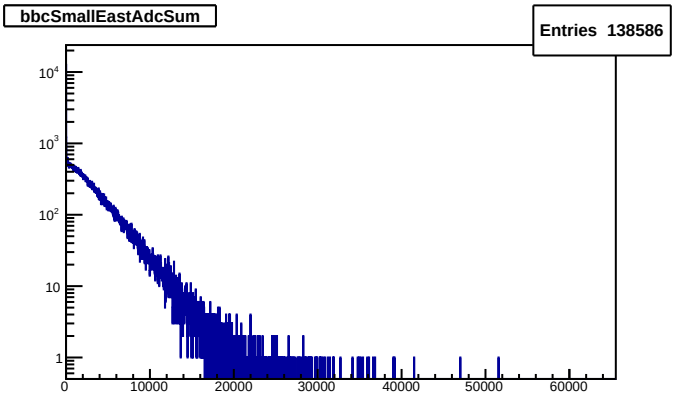

BBQ-VP002 (LO threshold)
Entries 2217376
TAC
QT Input Channel

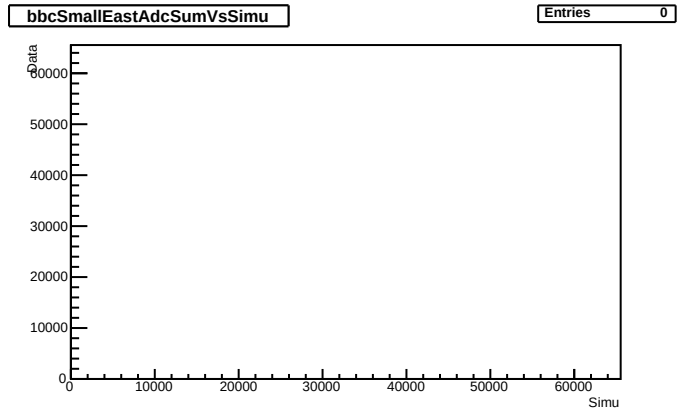

BBQ-VP003 (HI threshold)
Entries 2217376
ADC
QT Input Channel

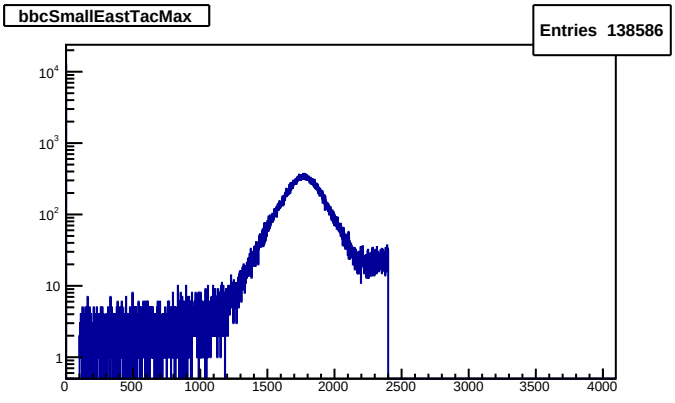

BBQ-VP003 (HI threshold)
Entries 2217376
TAC
QT Input Channel

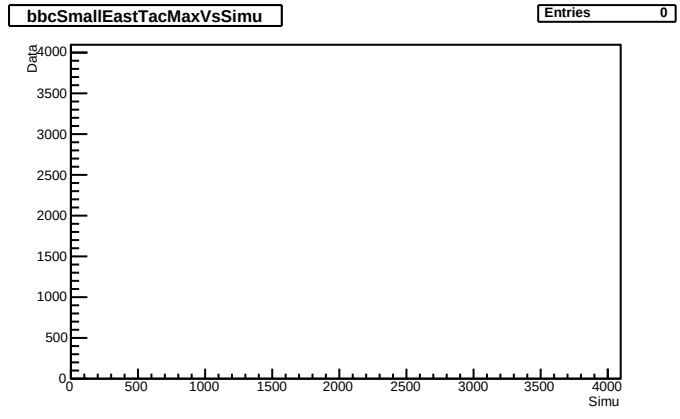

BBQ-VP004 (HI threshold)
Entries 2217376
ADC
QT Input Channel

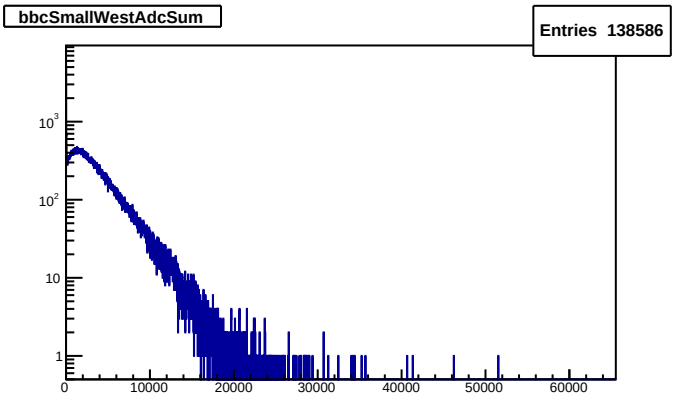

BBQ-VP004 (HI threshold)
Entries 2217376
TAC
QT Input Channel

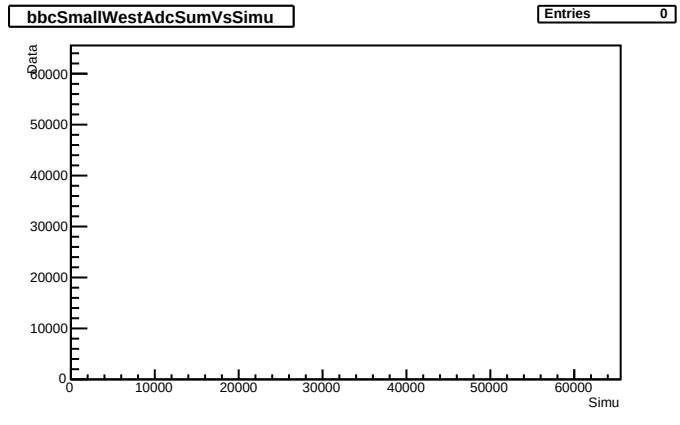

bbcSmallEastAdcSum
Entries 138586

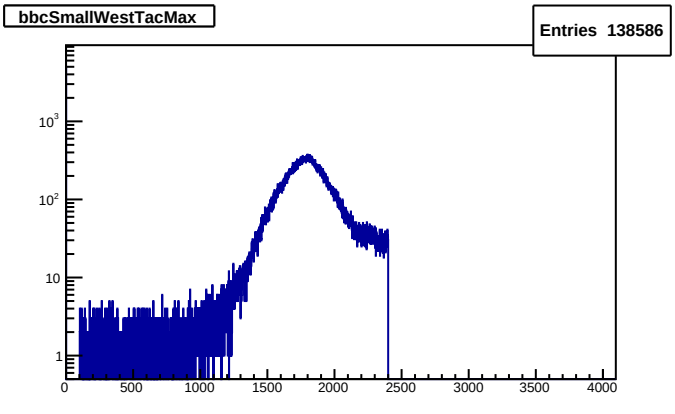

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

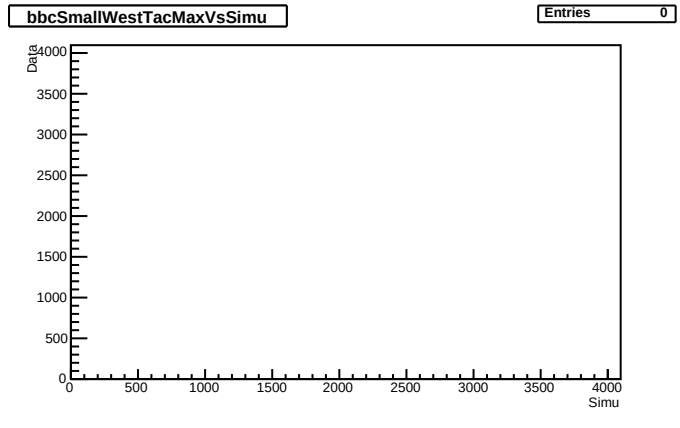

bbcSmallEastTacMax
Entries 138586

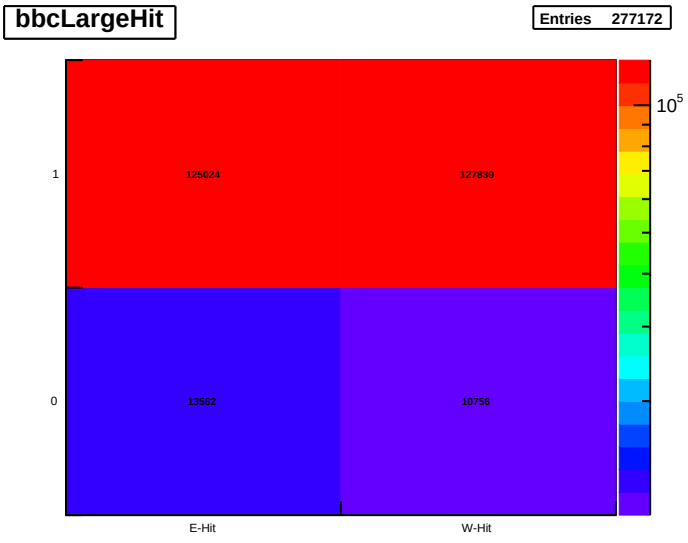

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

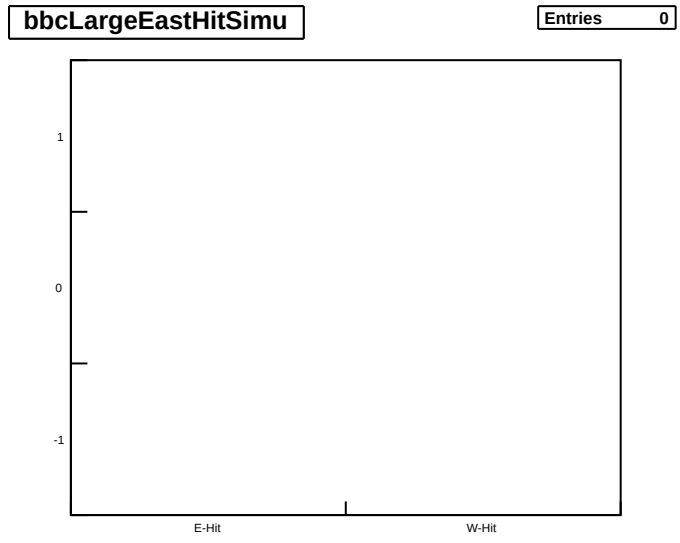

bbcSmallWestAdcSum
Entries 138586

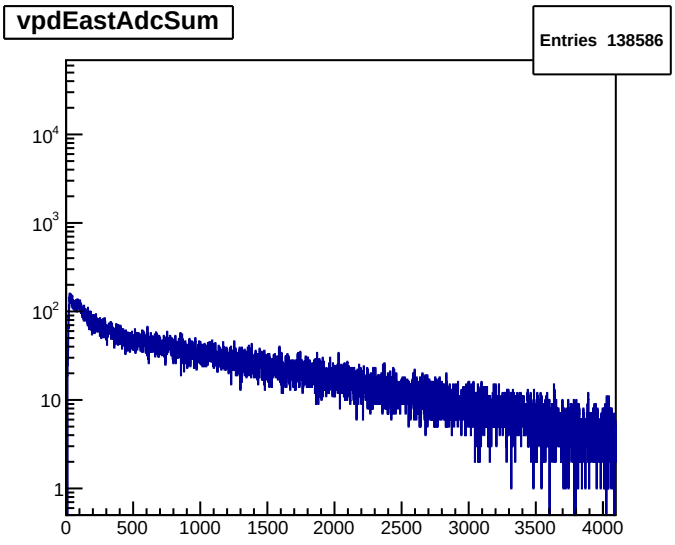

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

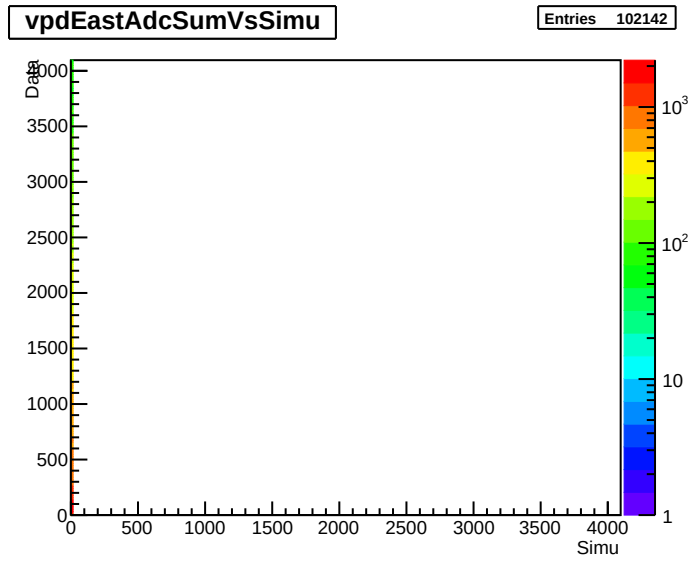

bbcSmallWestTacMax
Entries 138586

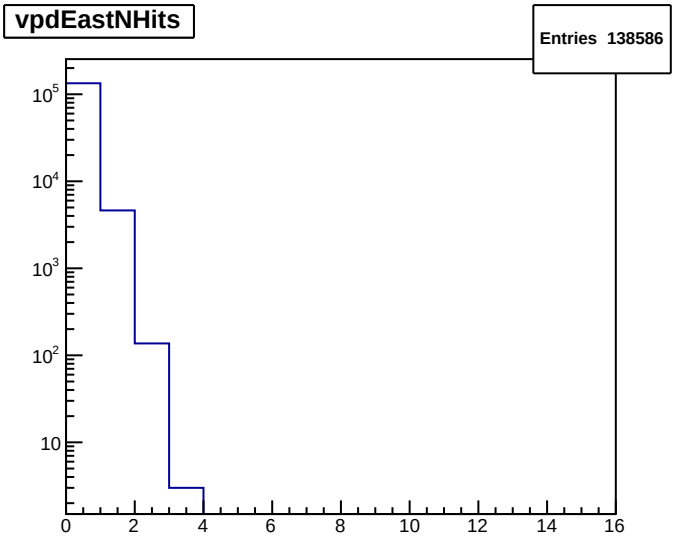

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

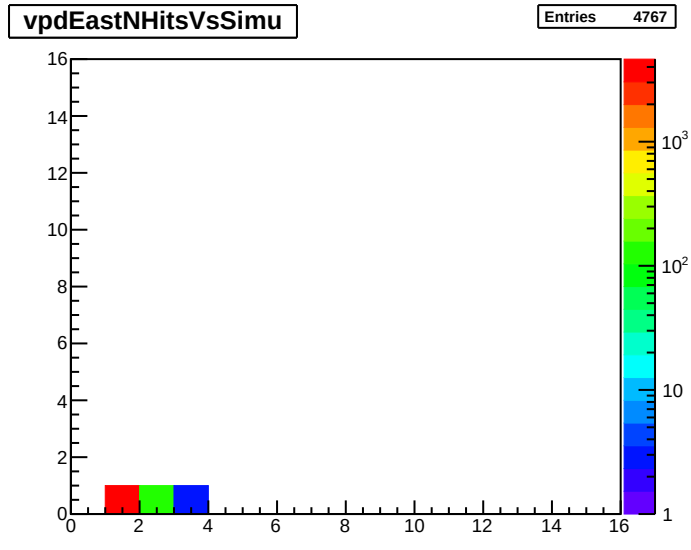

bbcLargeHit
Entries 277172
125024
127830
13562
10756
1
0
E-Hit
W-Hit
10^5

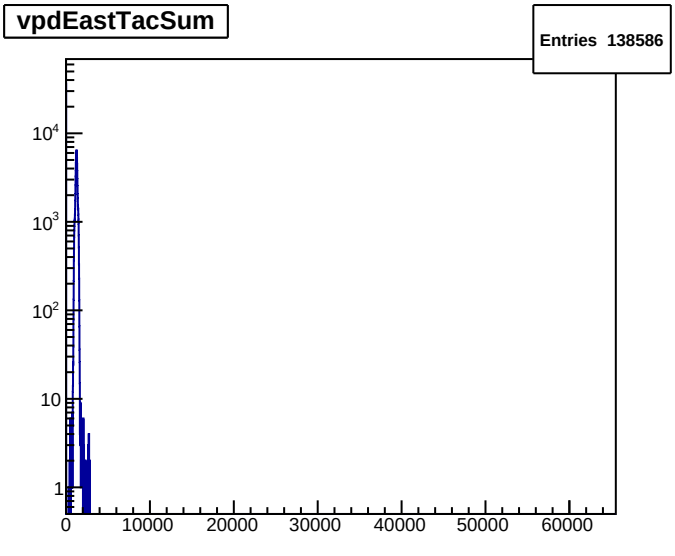

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

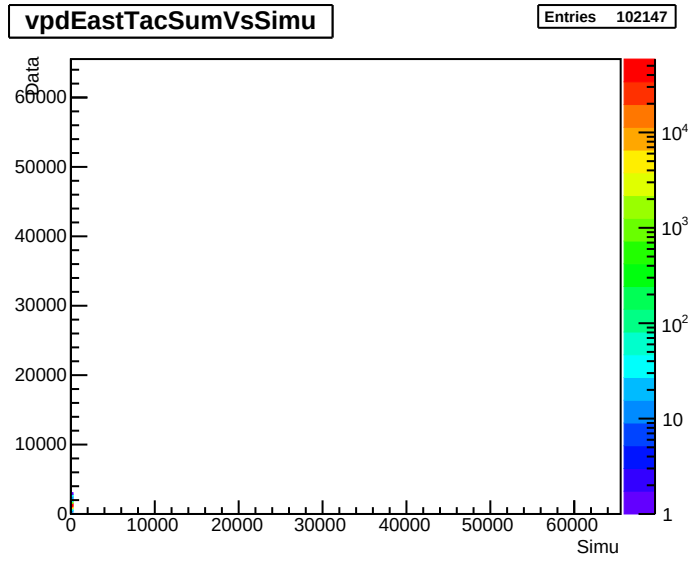

vpdEastAdcSum
Entries 138586

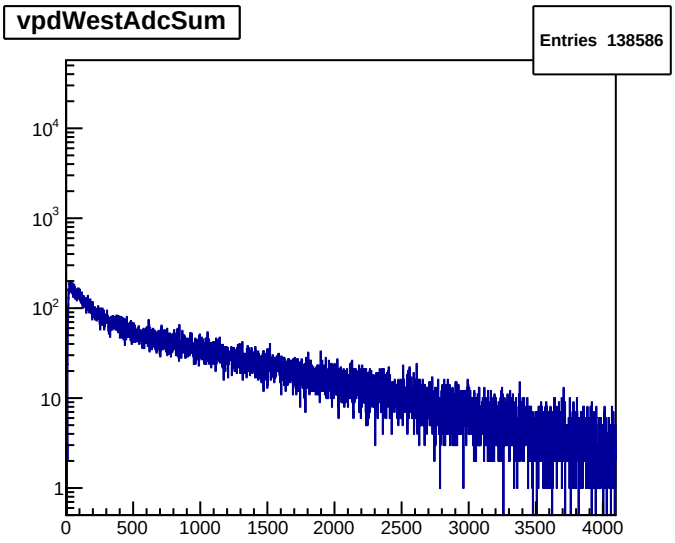

vpdEastAdcSumVsSimu
Entries 102142
Data
Simu

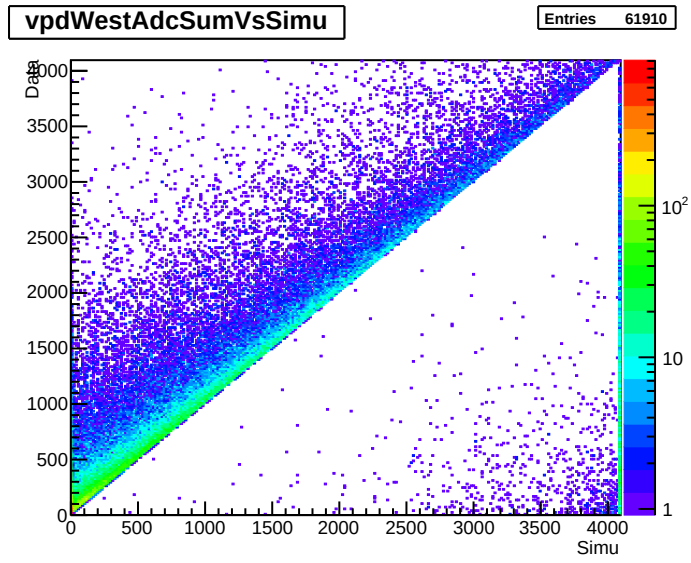

vpdEastNHits
Entries 138586

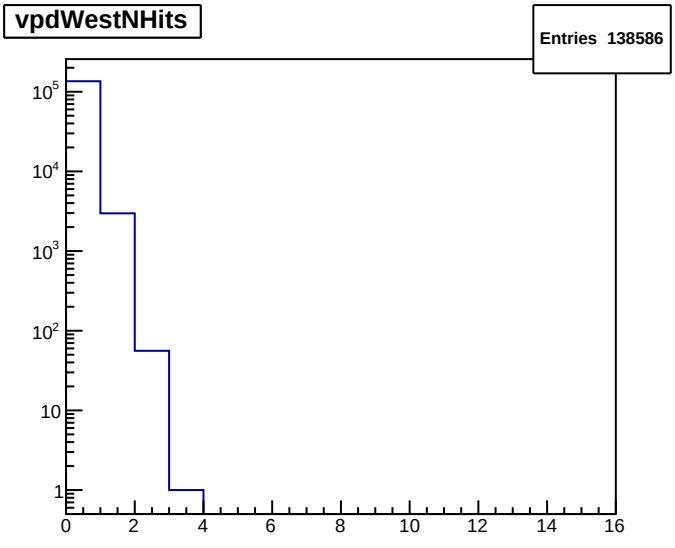

vpdEastNHitsVsSimu
Entries 4767

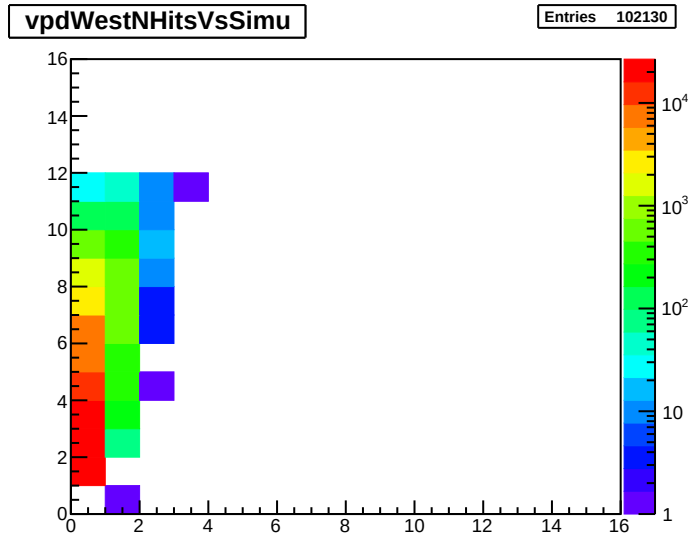

vpdEastTacSum
Entries 138586

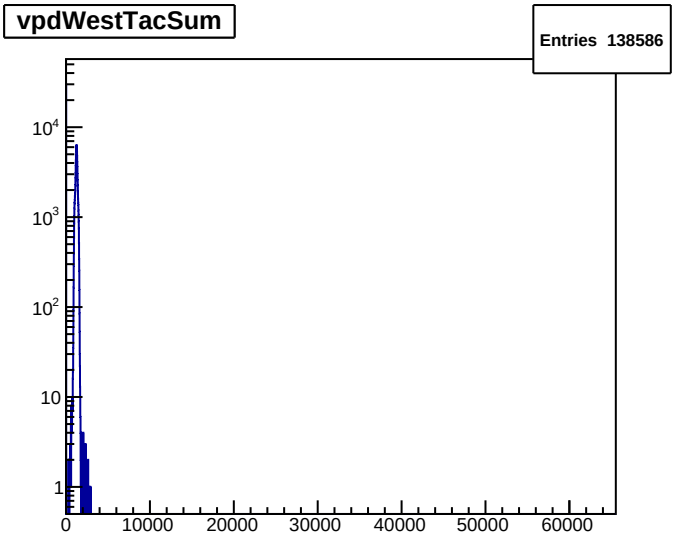

vpdEastTacSumVsSimu
Entries 102147
Data
Simu

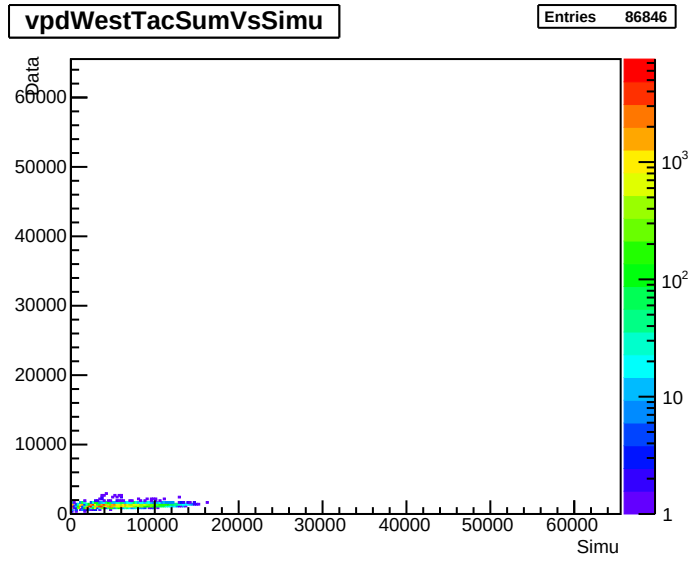

vpdWestAdcSum
Entries 138586

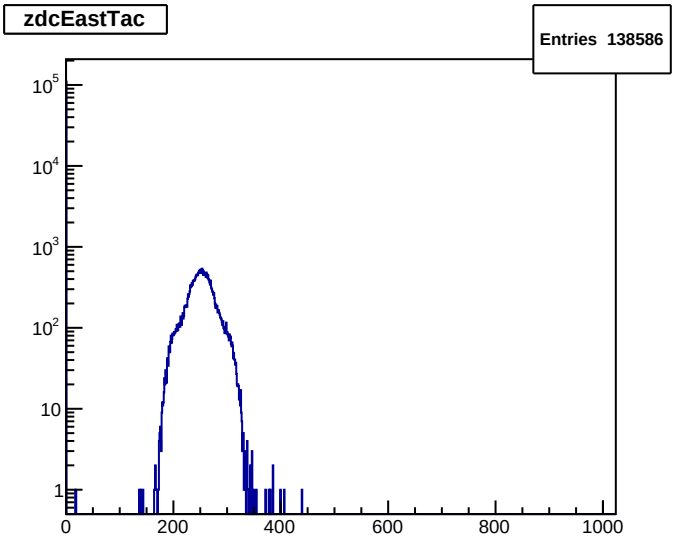

vpdWestAdcSumVsSimu
Entries 61910
Data
Simu

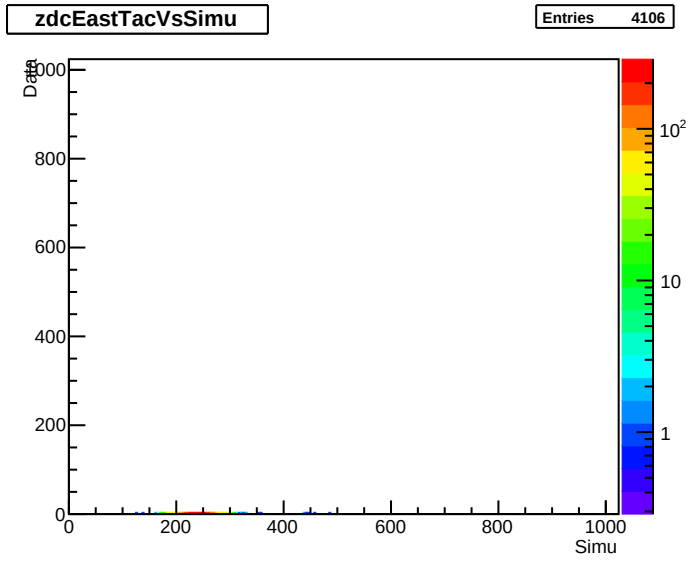

vpdWestNHits
Entries 138586

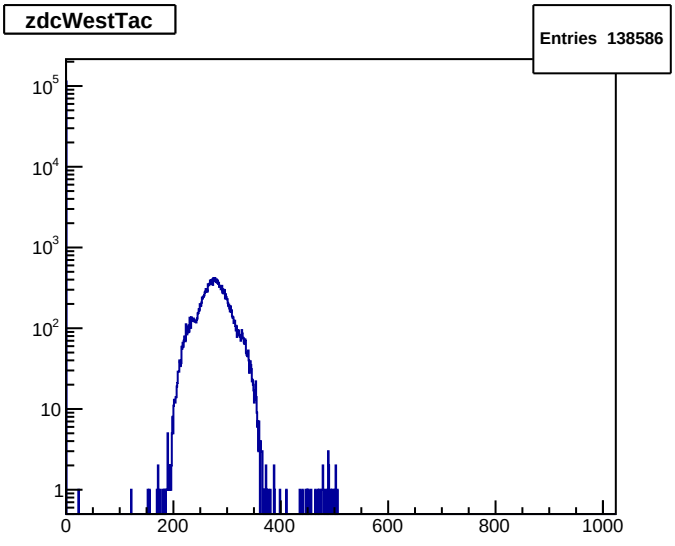

vpdWestNHitsVsSimu
Entries 102130

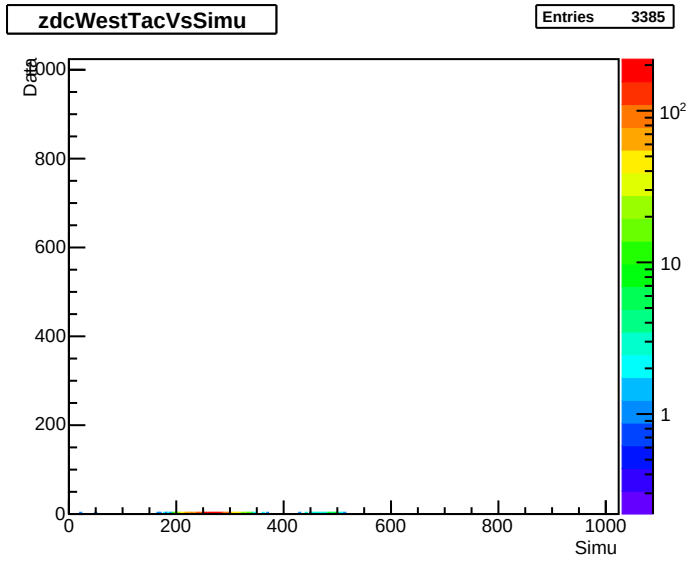

vpdWestTacSum
Entries 138586

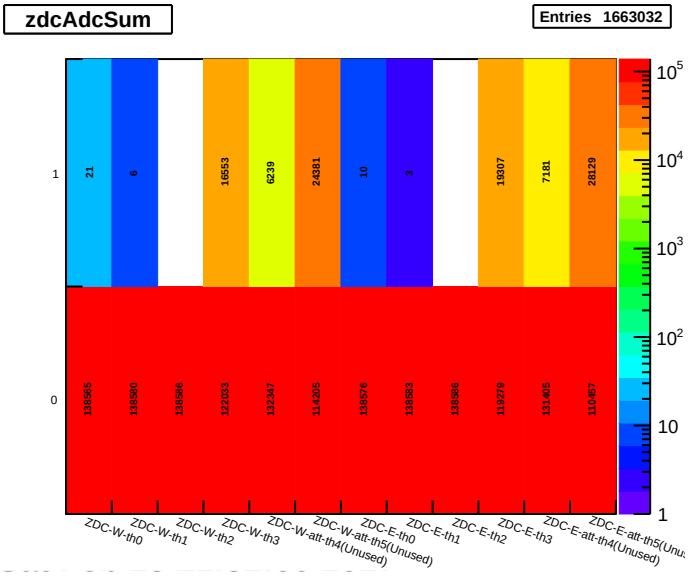

vpdWestTacSumVsSimu
Entries 86846
Data
Simu

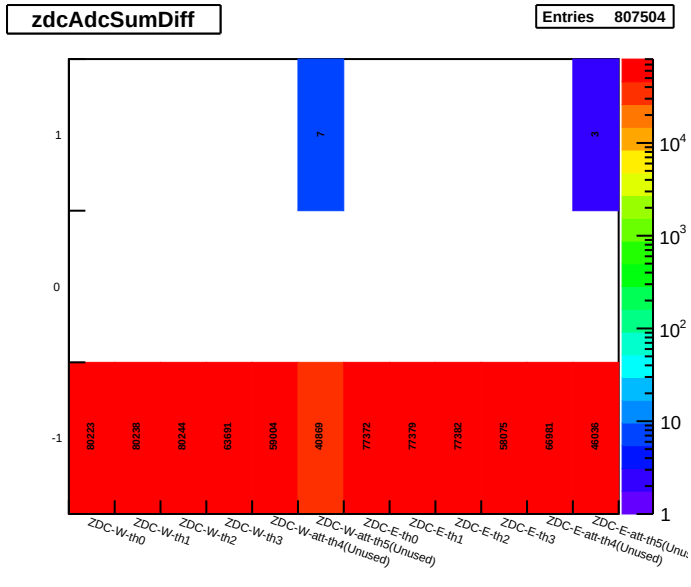

zdcEastTac
Entries 138586

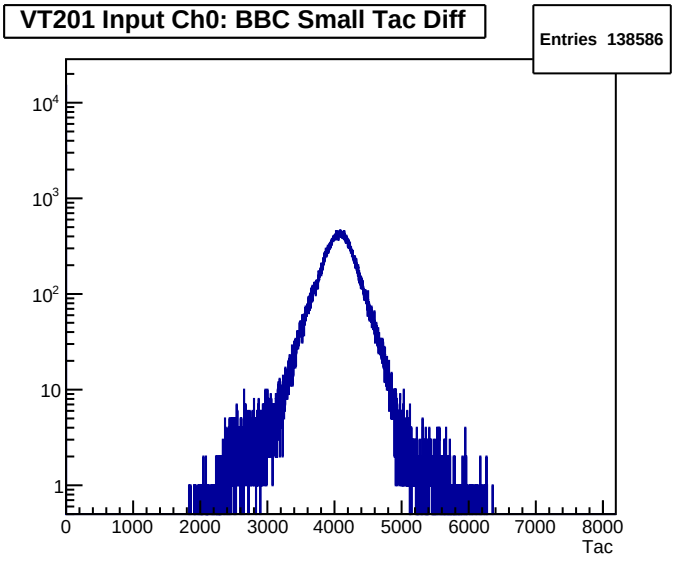

zdcEastTacVsSimu
Entries 4106
Data
Simu

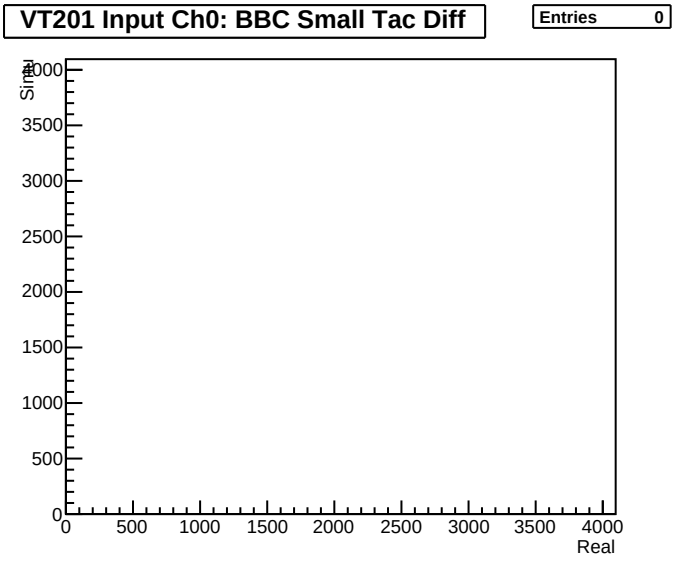

zdcWestTac
Entries 138586

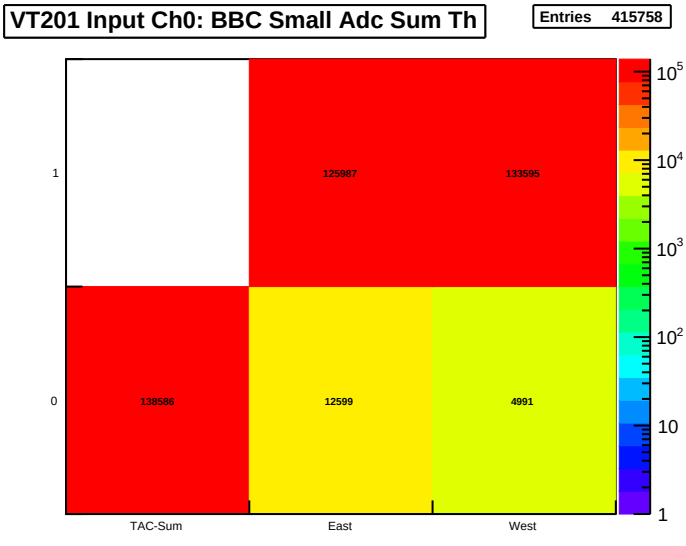

zdcWestTacVsSimu
Entries 3385
Data
Simu

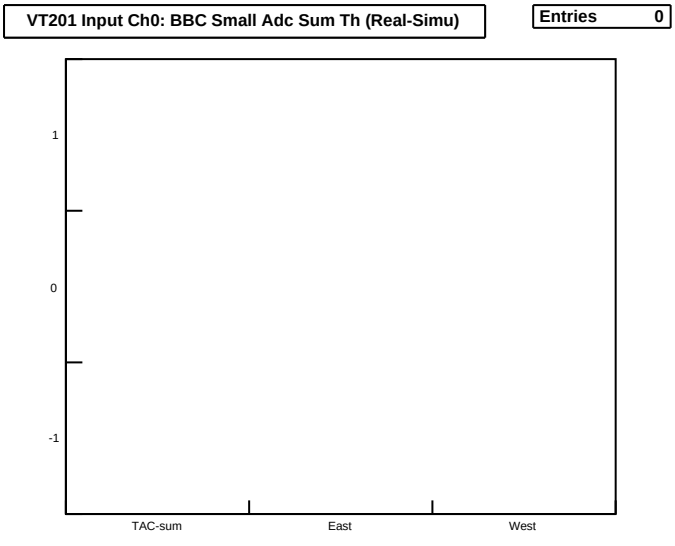

zdcAdcSum
Entries 1663032
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

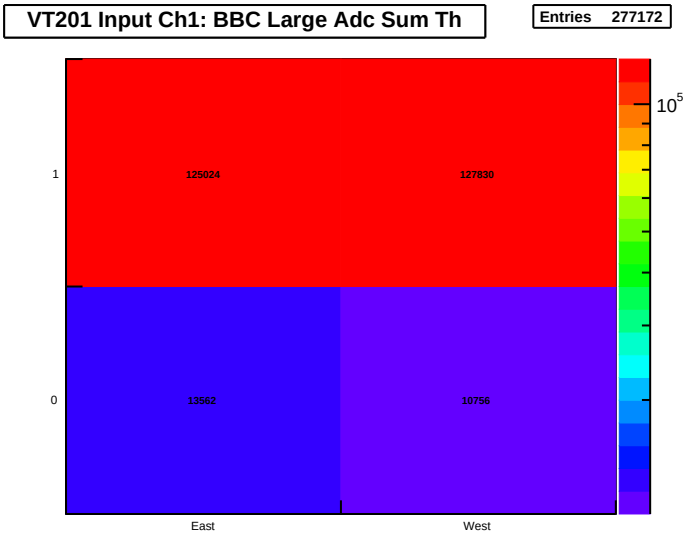

zdcAdcSumDiff
Entries 807504
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

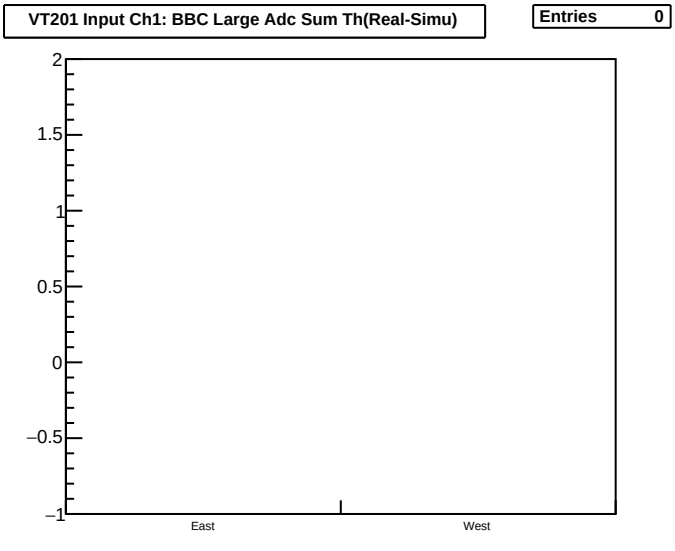

VT201 Input Ch0: BBC Small Tac Diff
Entries 138586
Tac


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

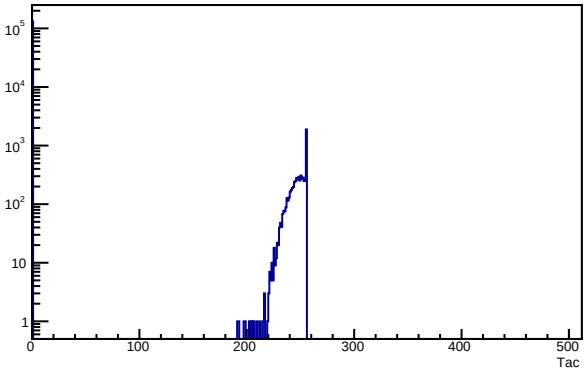

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 415758
125987
133595
138586
12599
4991
TAC-Sum
East
West


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

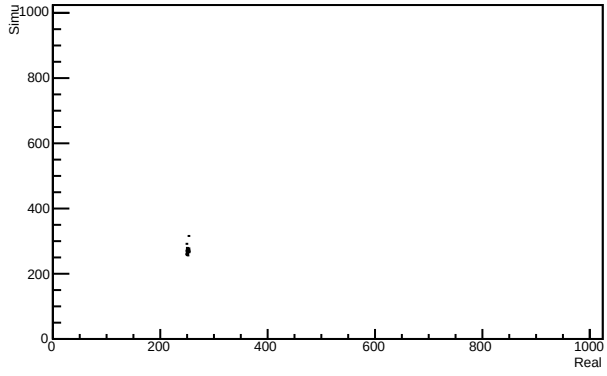

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 277172
125024
127830
13562
10756
East
West


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

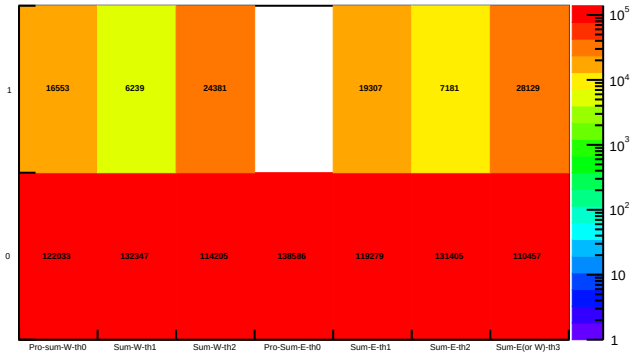
VT201 Input Ch2: ZDC Tac Diff



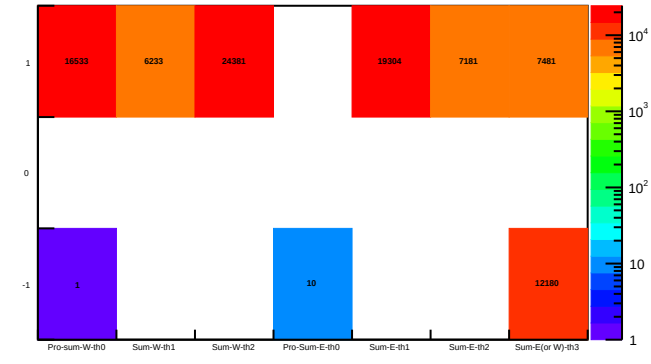
VT201 Input Ch2: ZDC Tac Diff



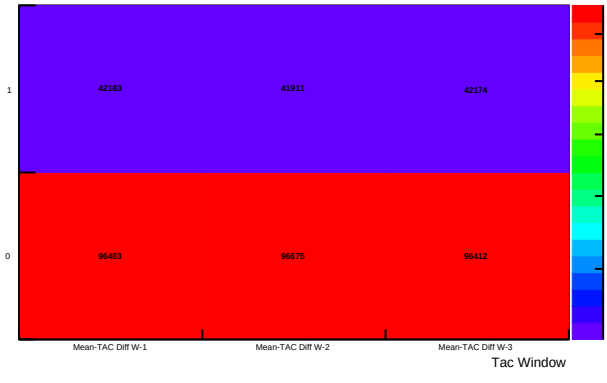
VT201 Input Ch2: ZDC Adc Sum Th



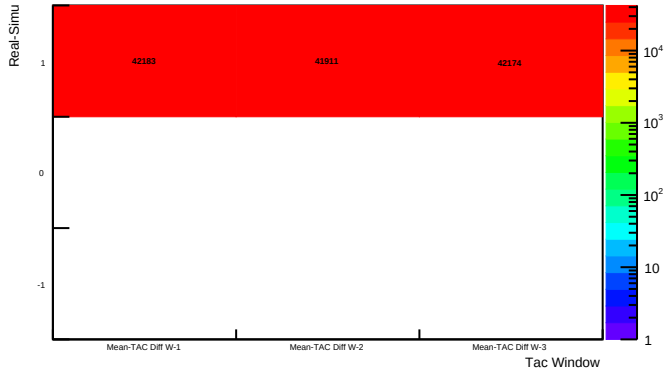
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



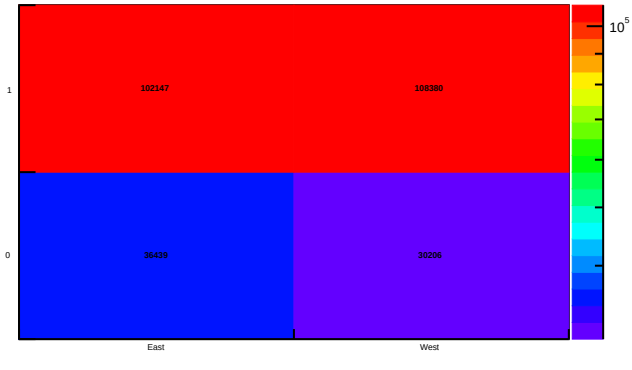
VT201 Input Ch4: VPD Tac Diff



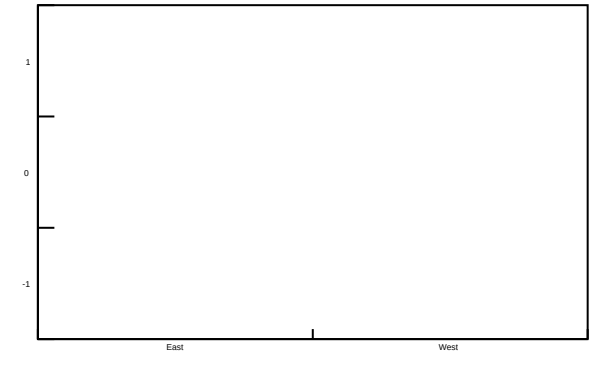
VT201 Input Ch4: VPD Tac Diff

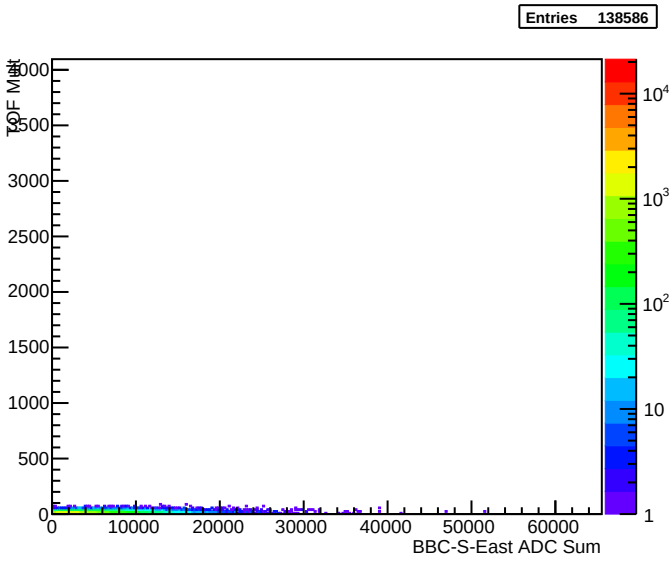


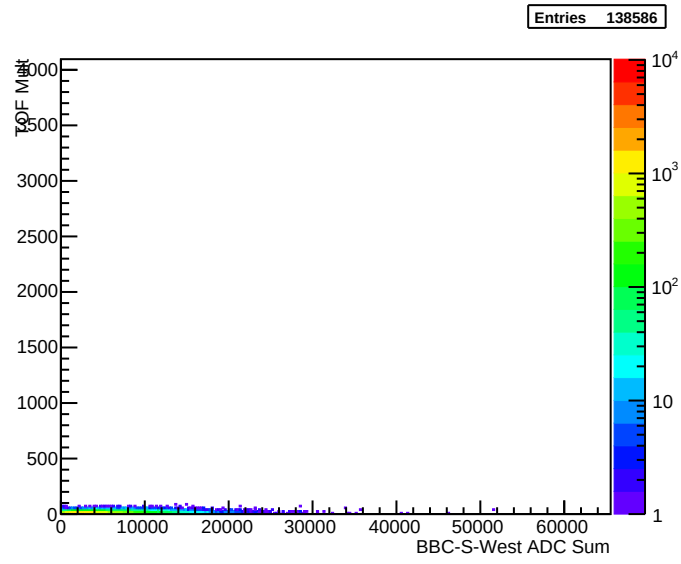
VT201 Input Ch4: VPD Adc Sum Th

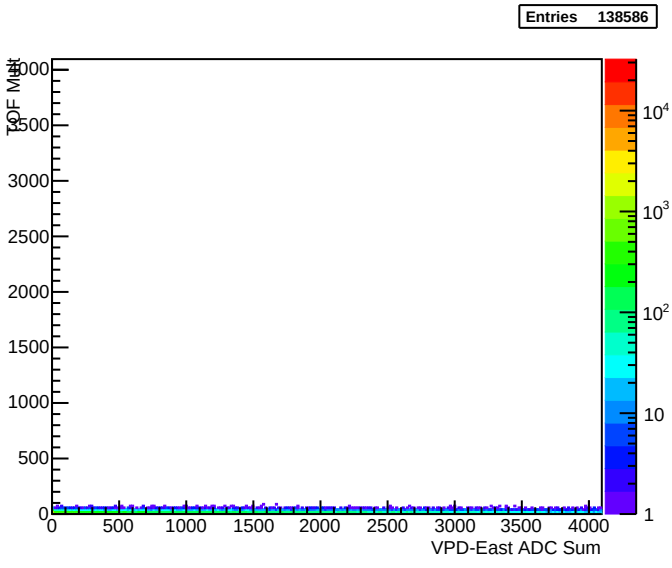


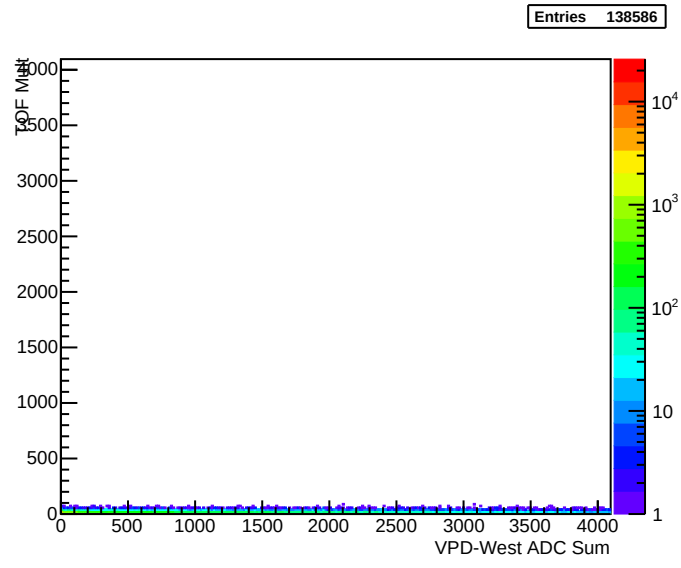
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

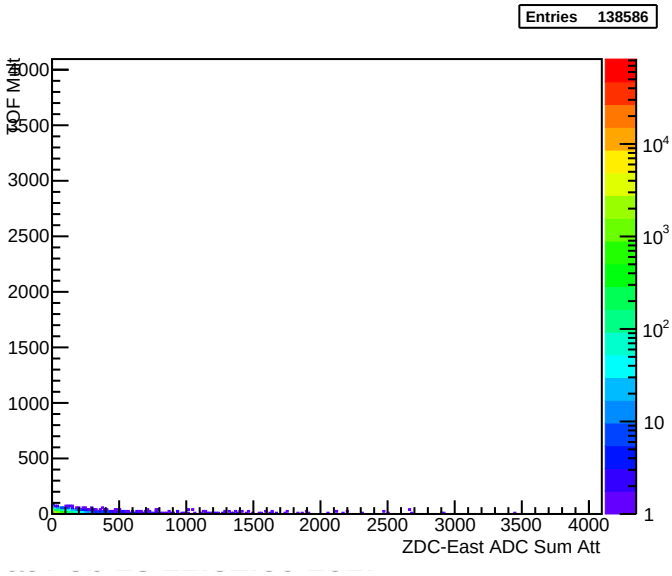


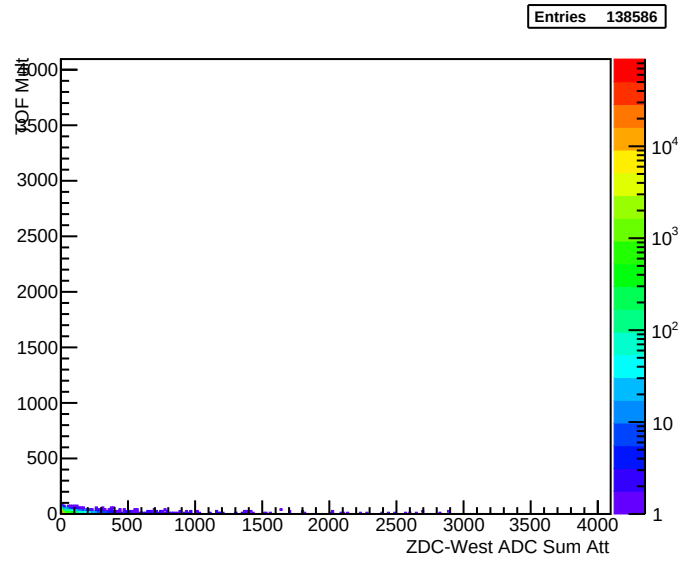

Entries 138586
TOF Mult
BBC-S-East ADC Sum

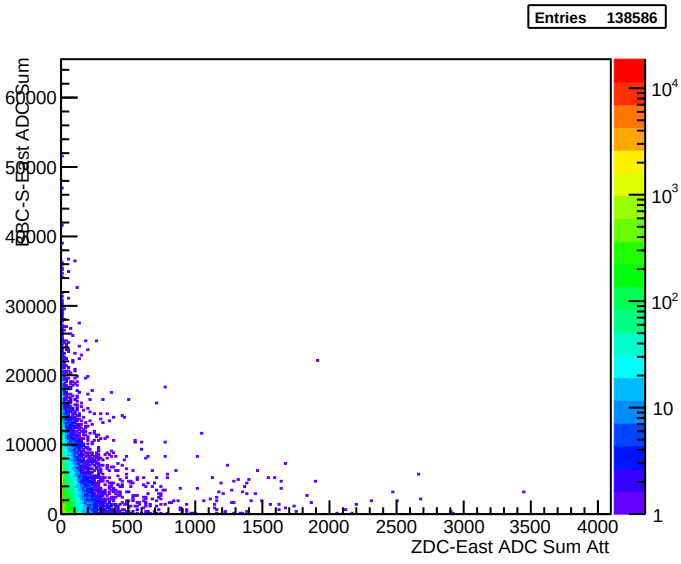

Entries 138586
TOF Mult
BBC-S-West ADC Sum

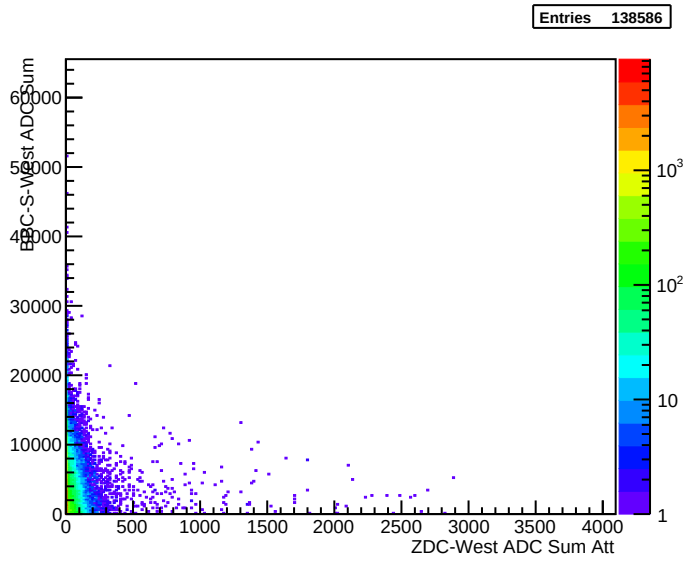

Entries 138586
TOF Mult
VPD-East ADC Sum

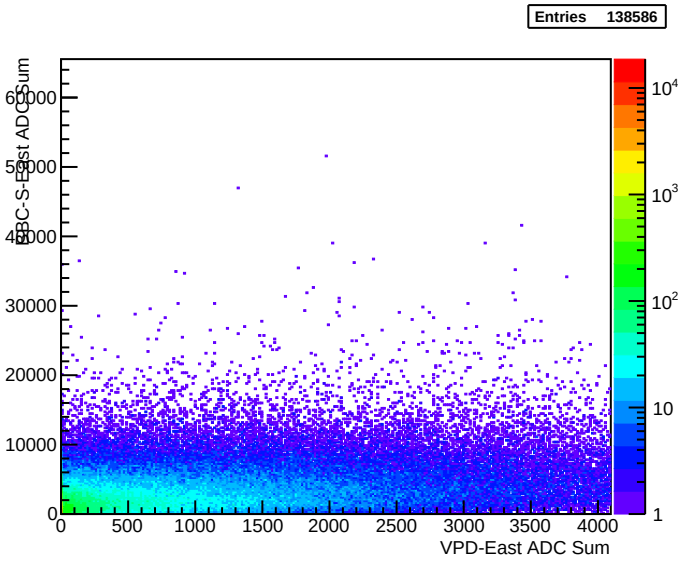

Entries 138586
TOF Mult
VPD-West ADC Sum

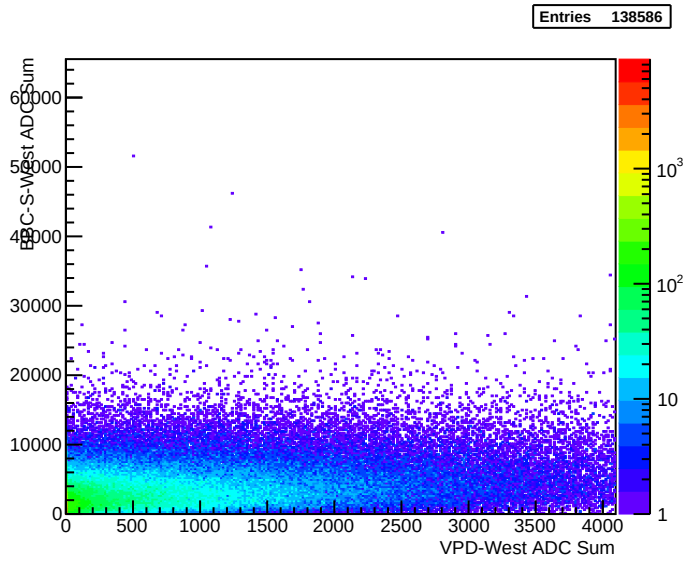

Entries 138586
TOF Mult
ZDC-East ADC Sum Att

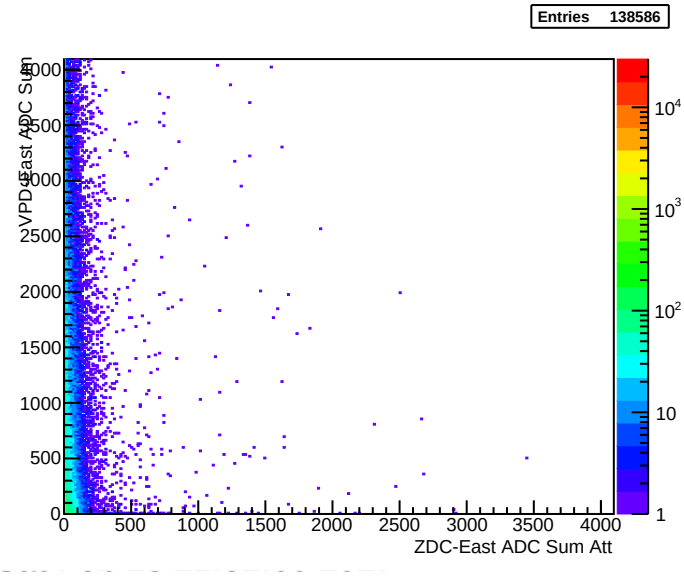

Entries 138586
TOF Mult
ZDC-West ADC Sum Att

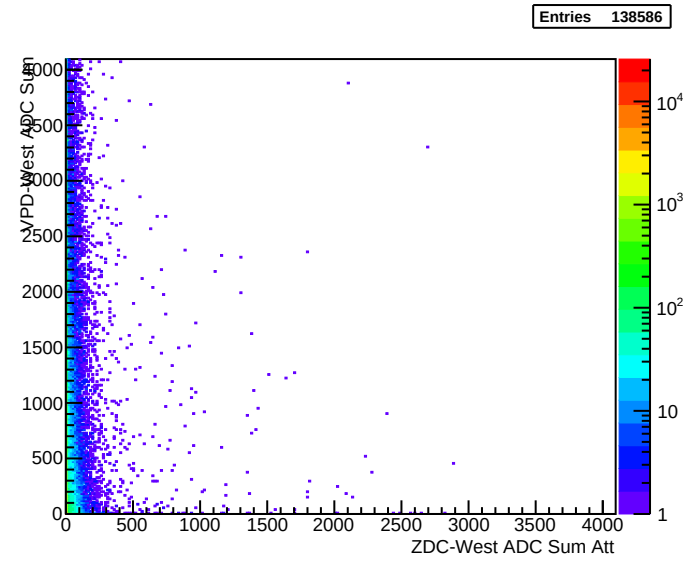

Entries 138586
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

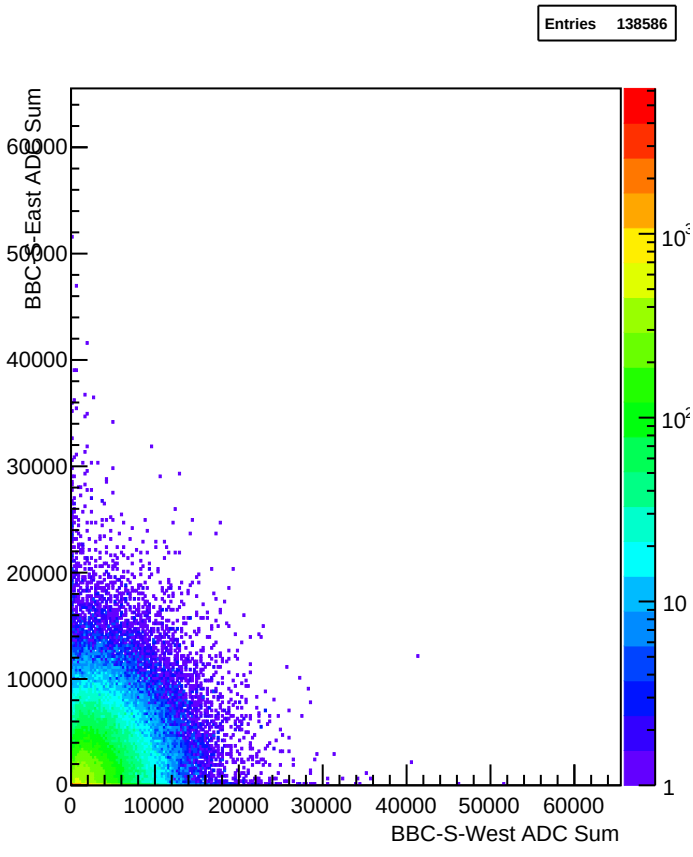

Entries 138586
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

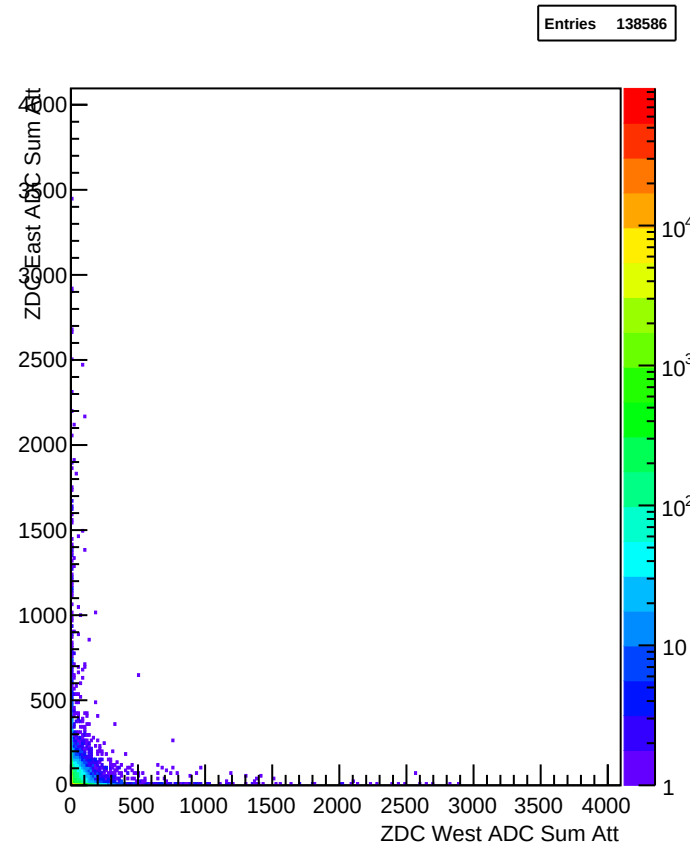

Entries 138586
BBC-S-East ADC Sum
VPD-East ADC Sum

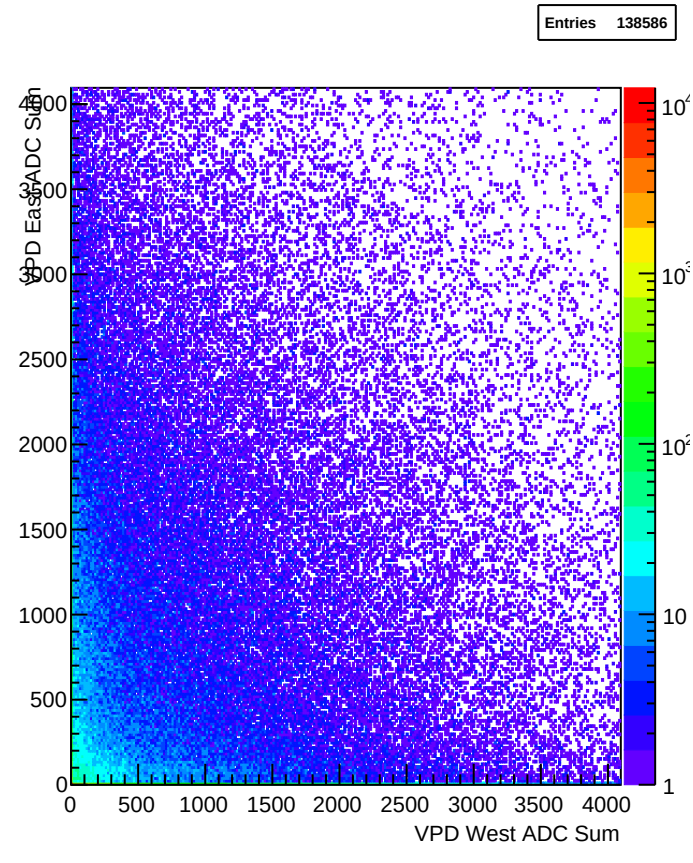

Entries 138586
BBC-S-West ADC Sum
VPD-West ADC Sum

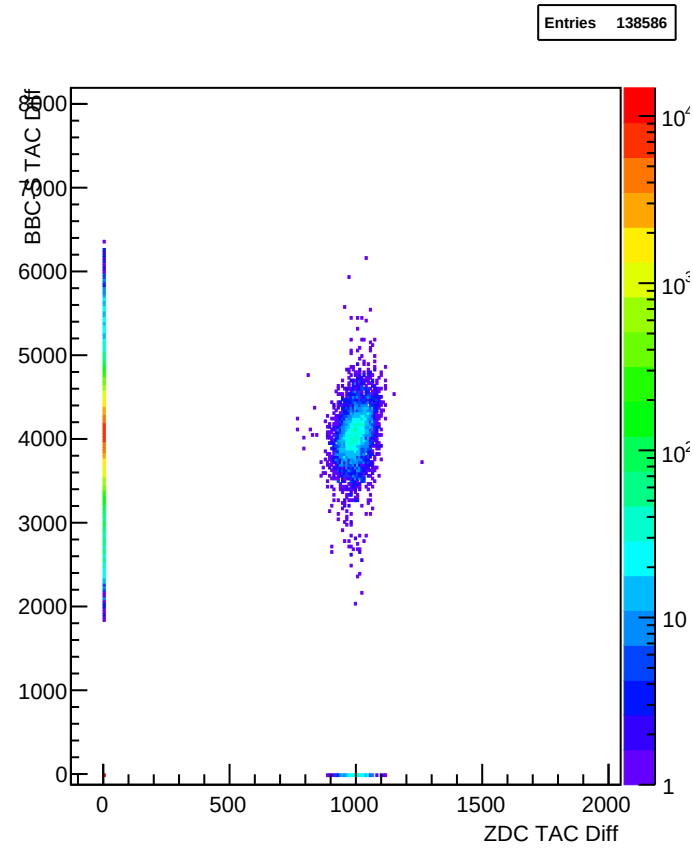

Entries 138586
VPD-East ADC Sum
ZDC-East ADC Sum Att

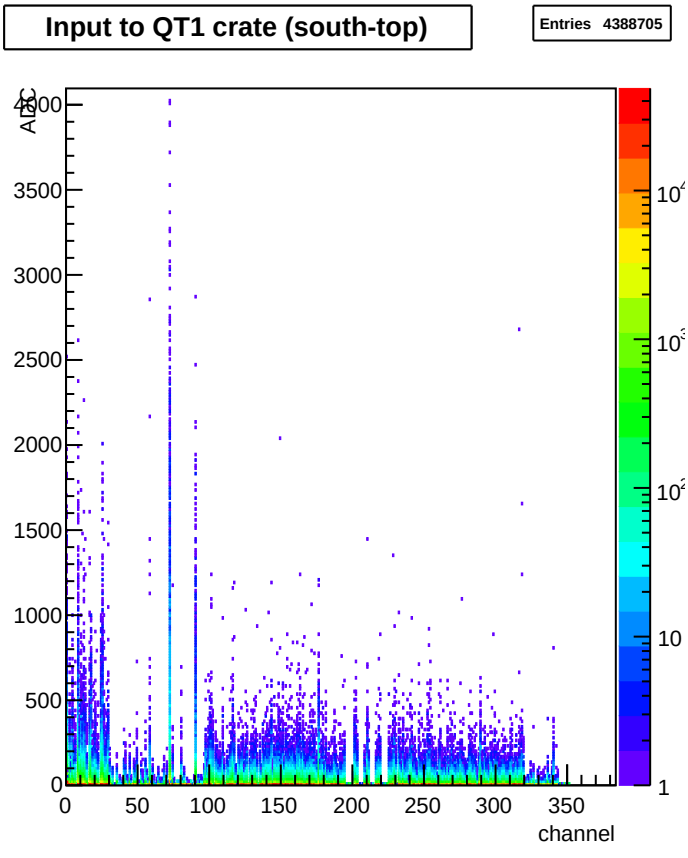

Entries 138586
VPD-West ADC Sum
ZDC-West ADC Sum Att

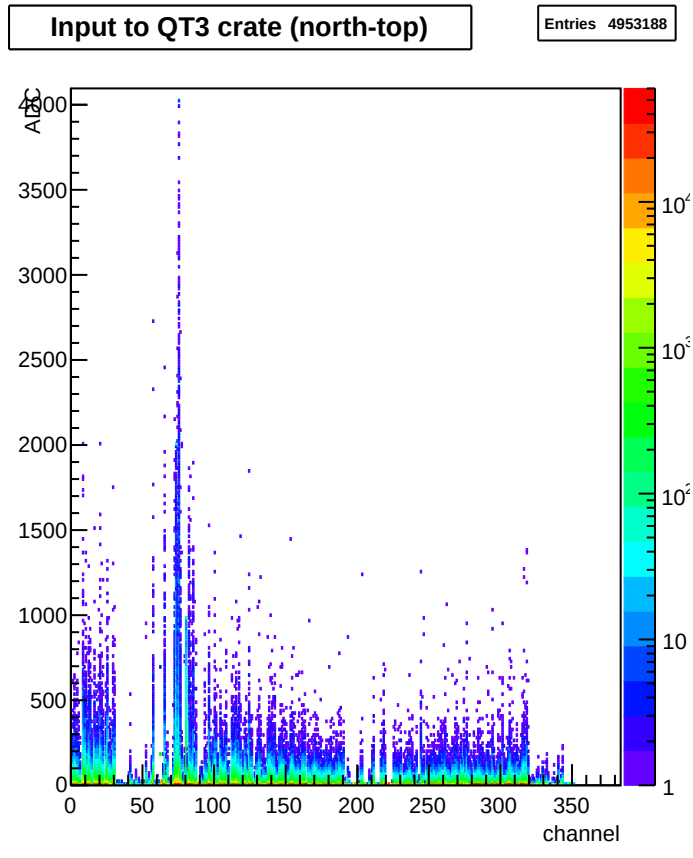

Entries 138586
BBC-S-East ADC Sum
BBC-S-West ADC Sum

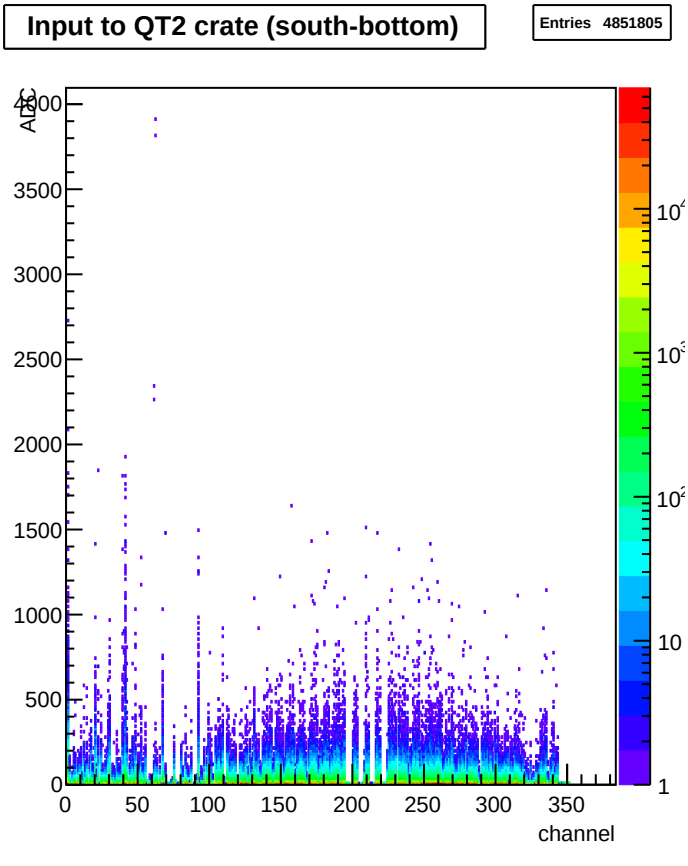

Entries 138586
ZDC East ADC Sum Att
ZDC West ADC Sum Att

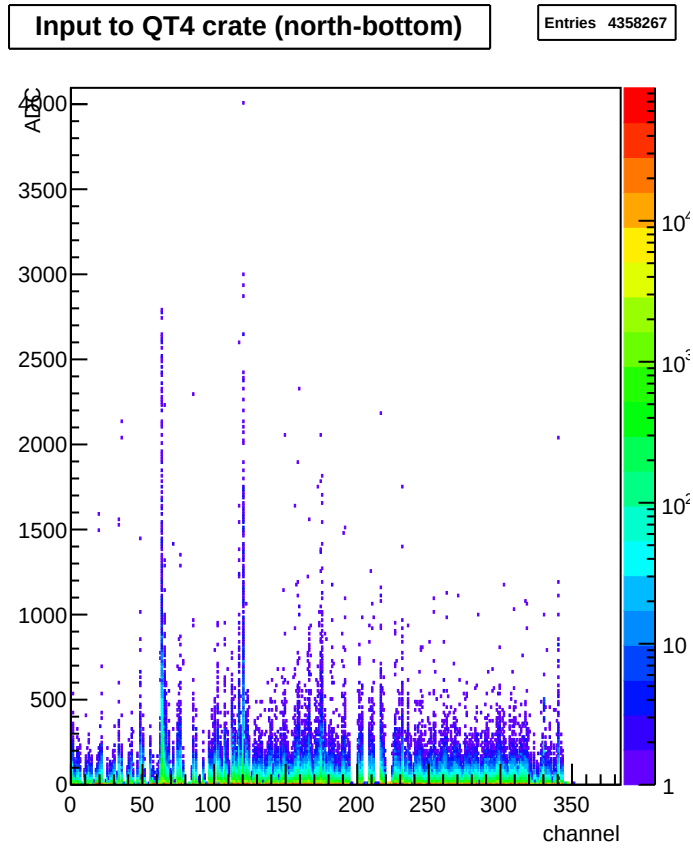

Entries 138586
VPD East ADC Sum
VPD West ADC Sum

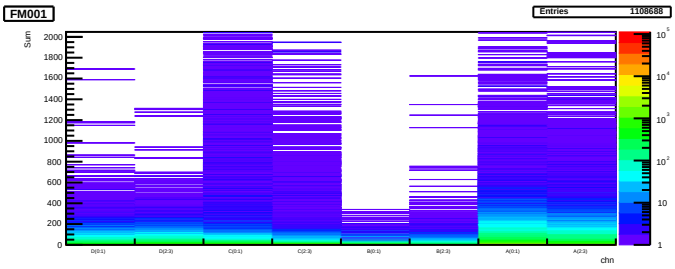

Entries 138586
BBC-S TAC Diff
ZDC TAC Diff

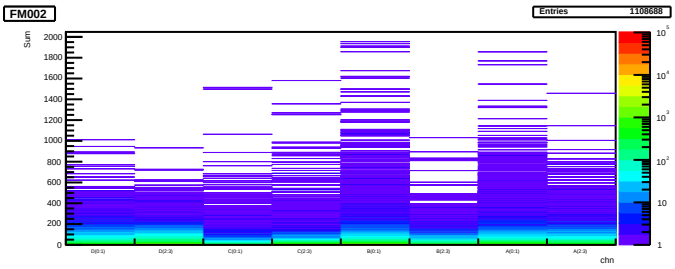

Input to QT1 crate (south-top)
Entries 4388705
ADC
channel

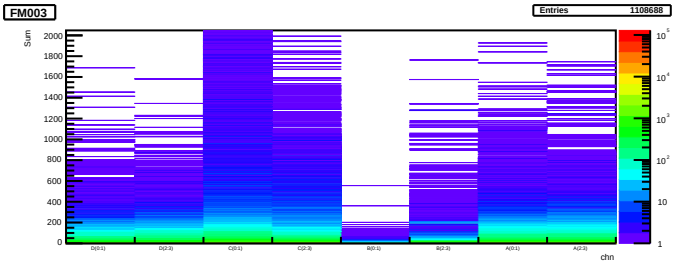

Input to QT3 crate (north-top)
Entries 4953188
ADC
channel

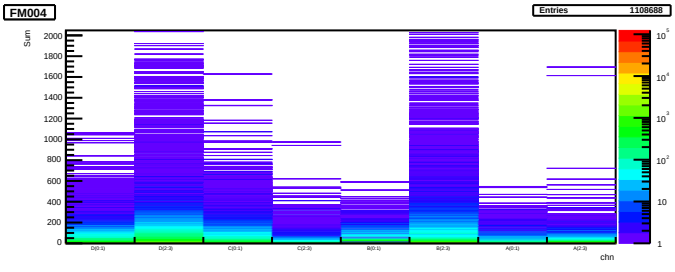

Input to QT2 crate (south-bottom)
Entries 4851805
ADC
channel

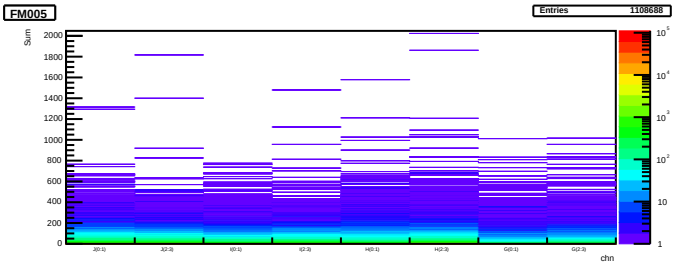

Input to QT4 crate (north-bottom)
Entries 4358267
ADC
channel

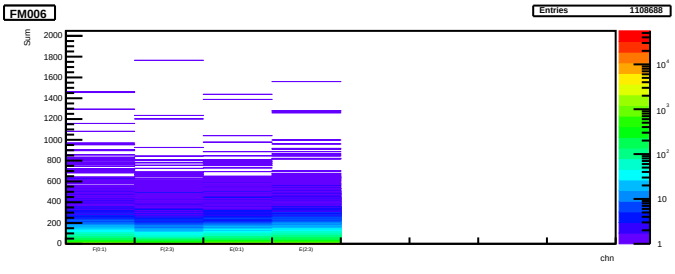

FM001
Entries 1108688
Sum
chn

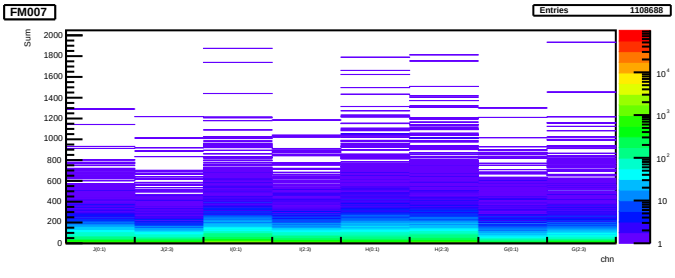

FM002
Entries 1108688
Sum
chn

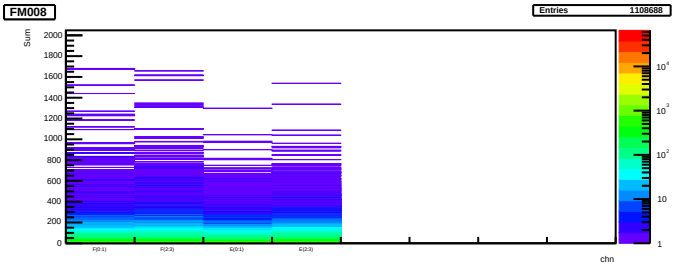

FM003
Entries 1108688
Sum
chn

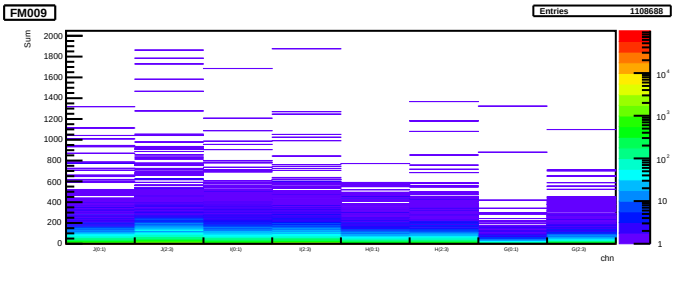

FM004
Entries 1108688
Sum
chn

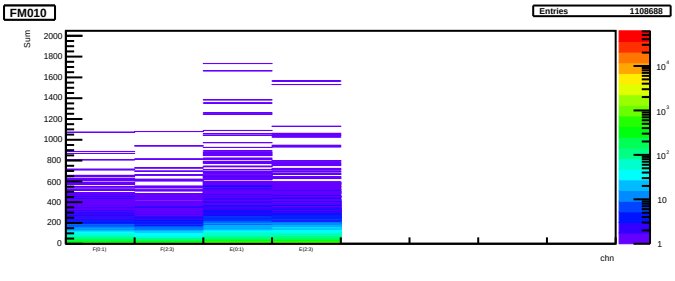

FM005
Entries 1108688
Sum
chn

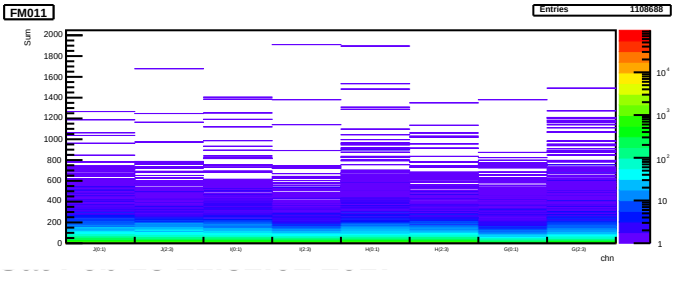

FM006
Entries 1108688
chn

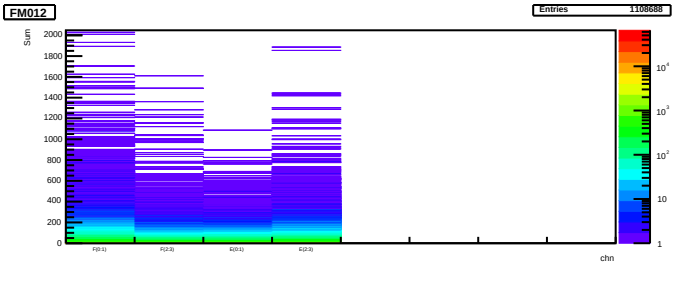

FM007
Entries 1108688
Sum
chn

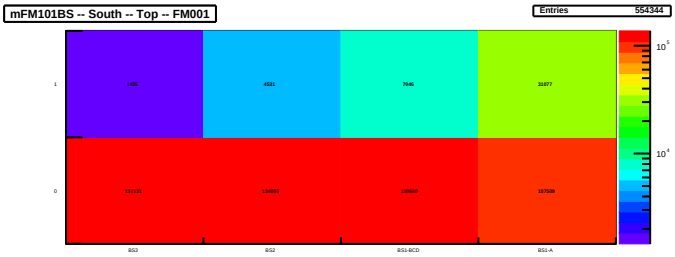

FM008
Entries 1108688
Sum
chn

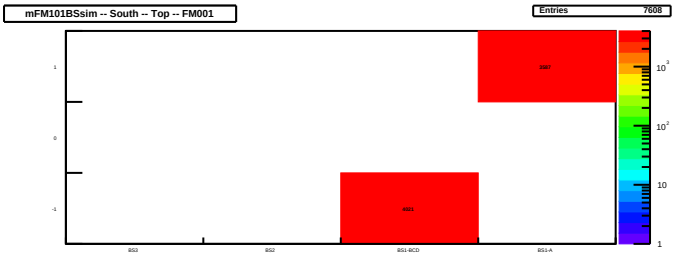

FM009
Entries 1108688
Sum
chn

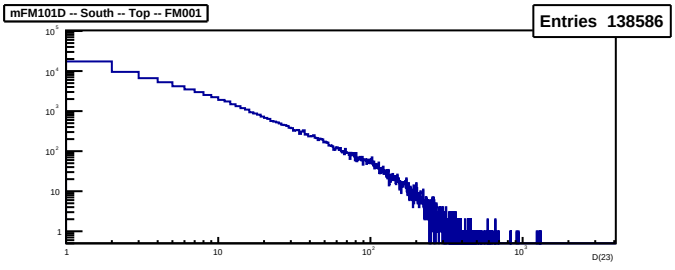

FM010
Entries 1108688
Sum
chn

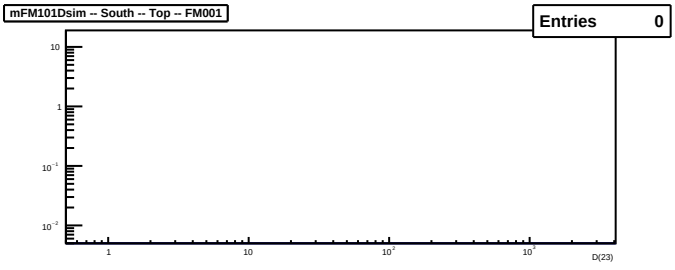

FM011
Entries 1108688
Sum
chn

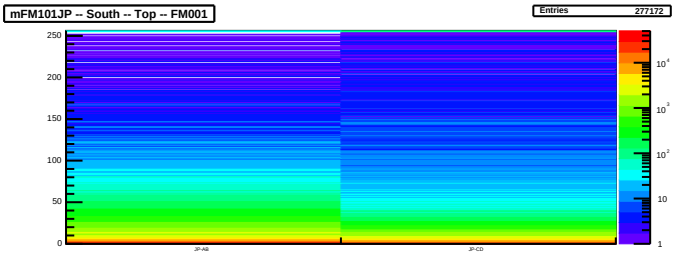

FM012
Entries 1108688
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 554344
BS3
BS2
BS1-BCD
BS1-A

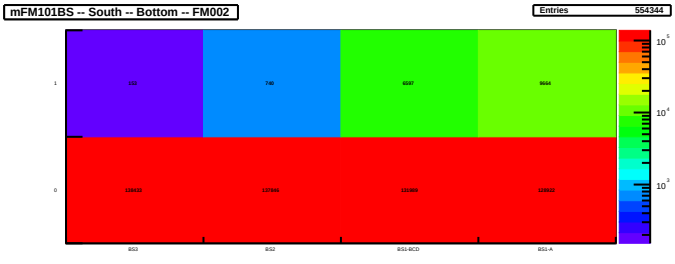

mFM101BSsim -- South -- Top -- FM001
Entries 7608
BS3
BS2
BS1-BCD
BS1-A

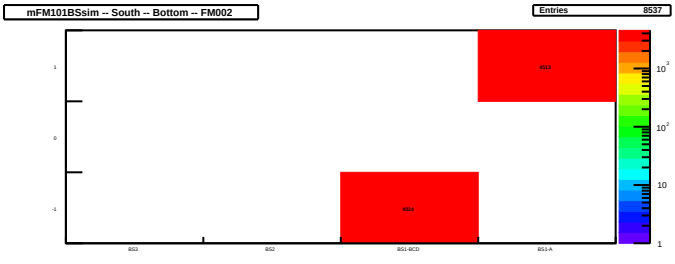

mFM101D -- South -- Top -- FM001
Entries 138586
D(23)

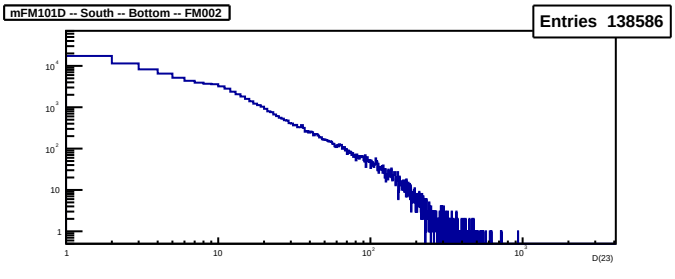

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

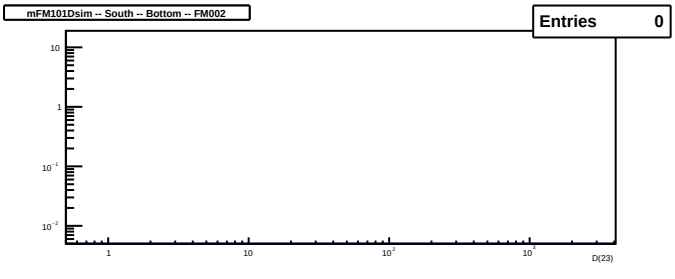

mFM101JP -- South -- Top -- FM001
Entries 277172
JP-AB
JP-CD

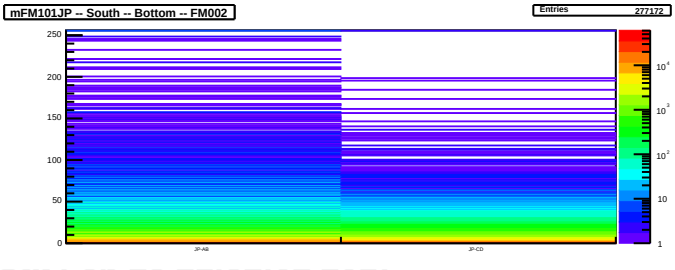
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

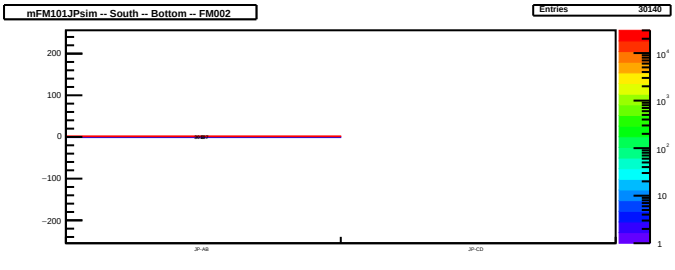

mFM101BS -- South -- Bottom -- FM002
Entries 554344
BS3
BS2
BS1-BCD
BS1-A

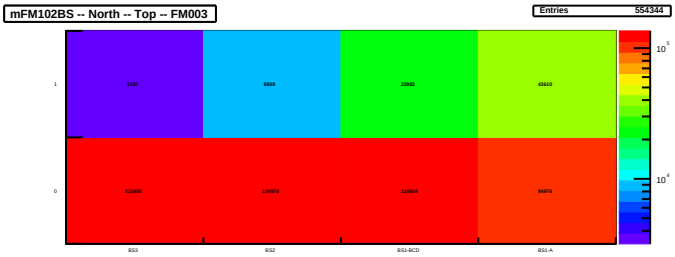

mFM101BSsim -- South -- Bottom -- FM002
Entries 8537
BS3
BS2
BS1-BCD
BS1-A

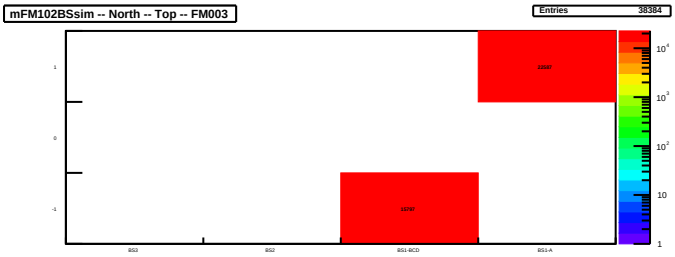

mFM101D -- South -- Bottom -- FM002
Entries 138586
D(23)

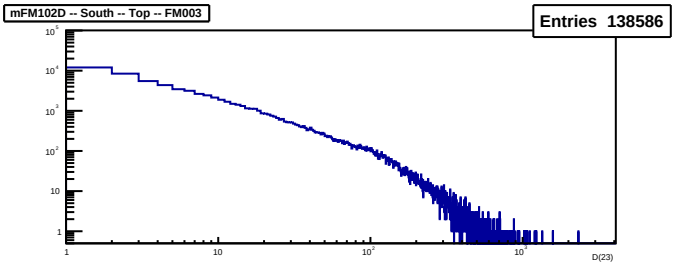

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

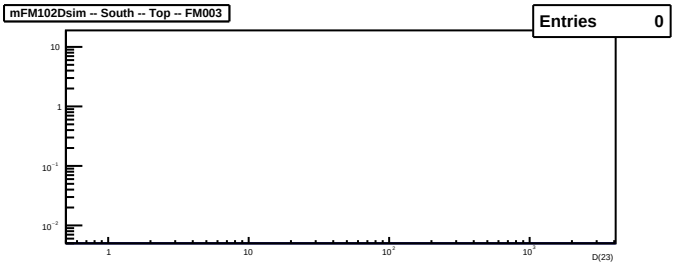

mFM101JP -- South -- Bottom -- FM002
Entries 277172
JP-AB
JP-CD

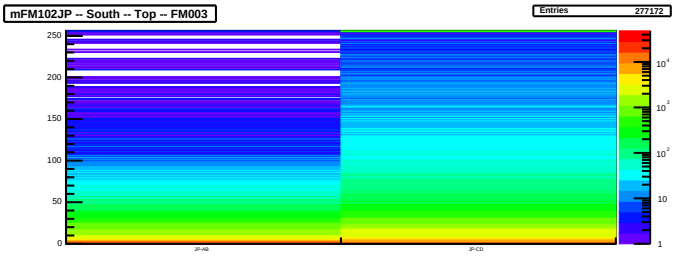

mFM101JPsim -- South -- Bottom -- FM002
Entries 30140
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 554344
3100
8608
23082
43610
135406
129978
114604
94876
BS3
BS2
BS1-BCD
BS1-A

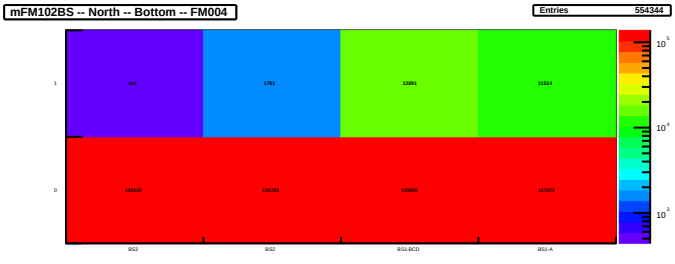

mFM102BSsim -- North -- Top -- FM003
Entries 38384
23587
15797
BS3
BS2
BS1-BCD
BS1-A

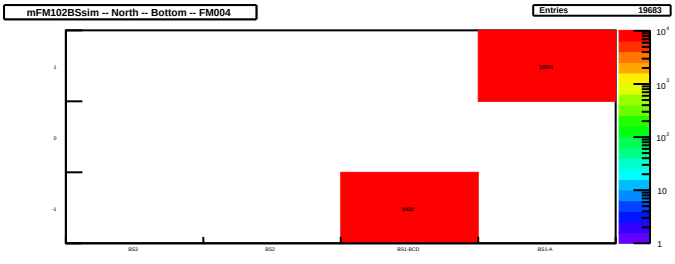

mFM102D -- South -- Top -- FM003
Entries 138586
D(23)

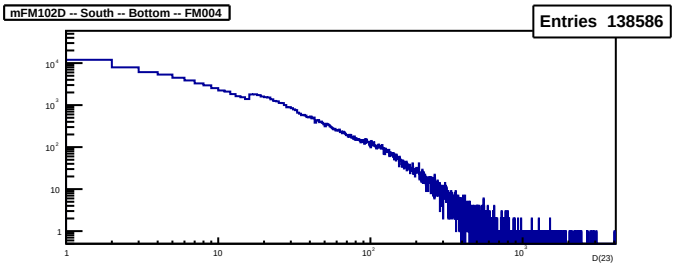

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

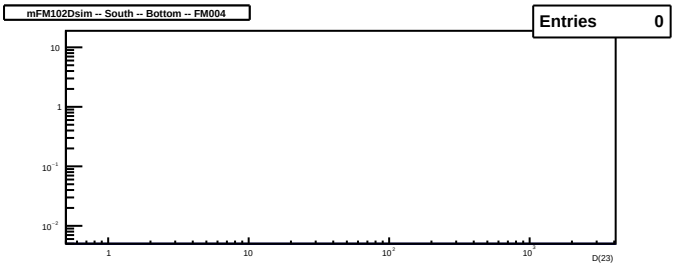

mFM102JP -- South -- Top -- FM003
Entries 277172
JP-AB
JP-CD

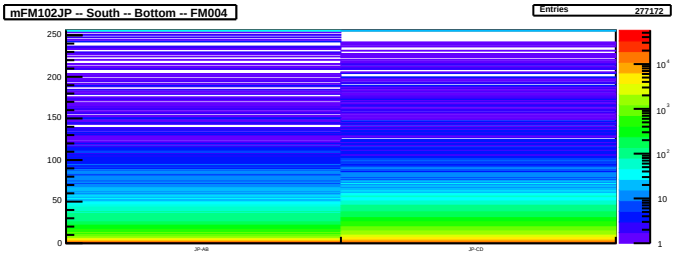
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

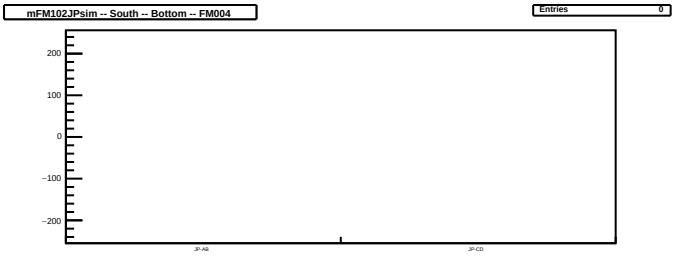

mFM102BS -- North -- Bottom -- FM004
Entries 554344
441
1791
13861
15114
138145
136795
126695
127072
BS3
BS2
BS1-BCD
BS1-A

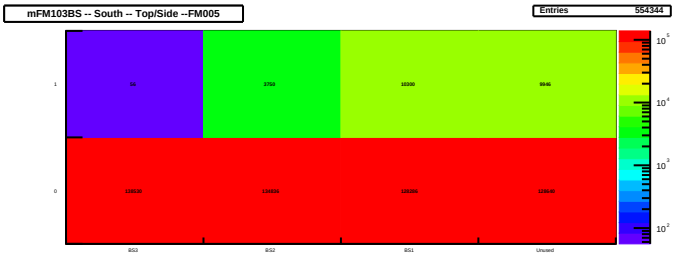

mFM102BSsim -- North -- Bottom -- FM004
Entries 19683
10251
9432
BS3
BS2
BS1-BCD
BS1-A

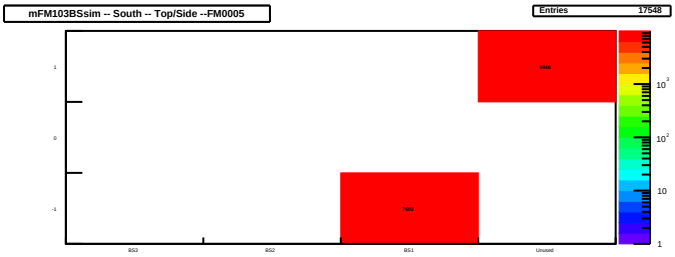

mFM102D -- South -- Bottom -- FM004
Entries 138586
D(23)

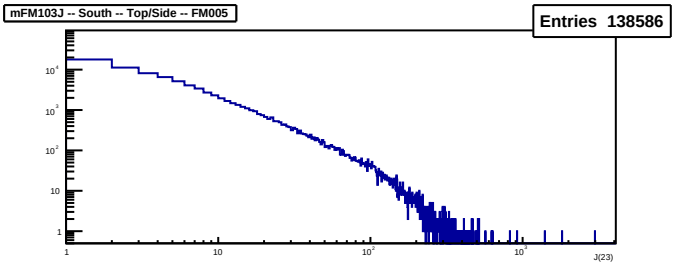

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

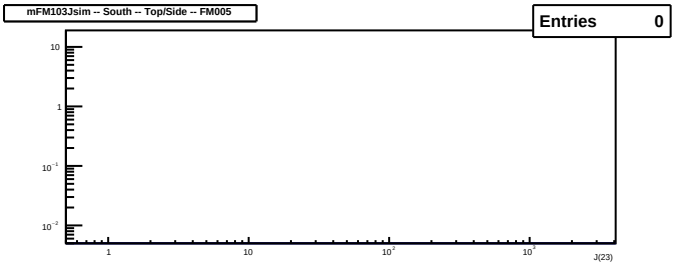

mFM102JP -- South -- Bottom -- FM004
Entries 277172
JP-AB
JP-CD

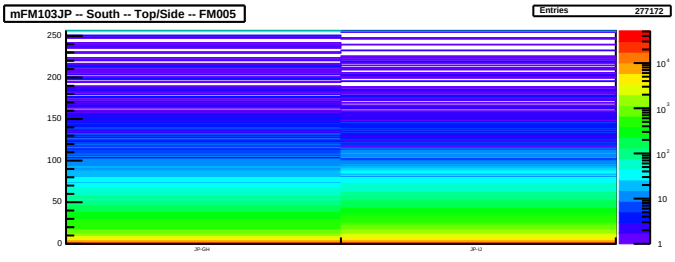

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

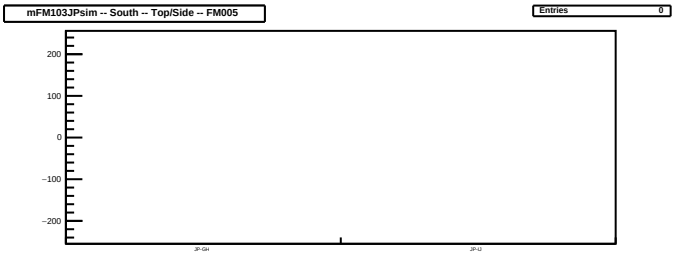

mFM103BS -- South -- Top/Side --FM005
Entries 554344
BS3
BS2
BS1
Unused

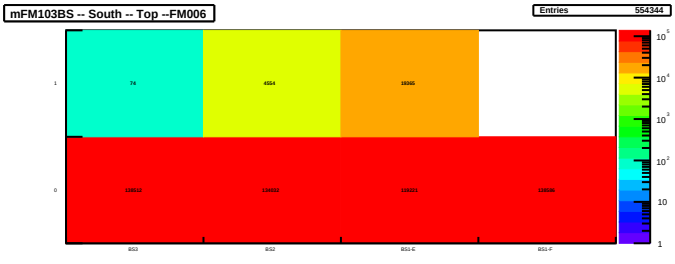

mFM103BSsim -- South -- Top/Side --FM0005
Entries 17548
BS3
BS2
BS1
Unused

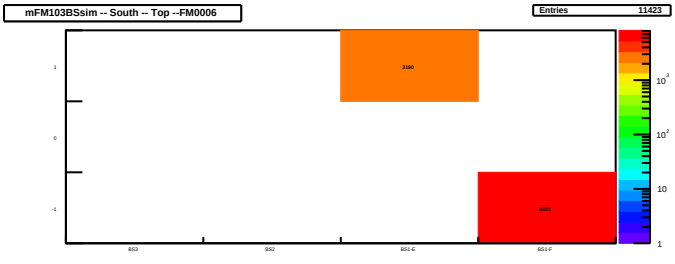

mFM103J -- South -- Top/Side -- FM005
Entries 138586
J(23)

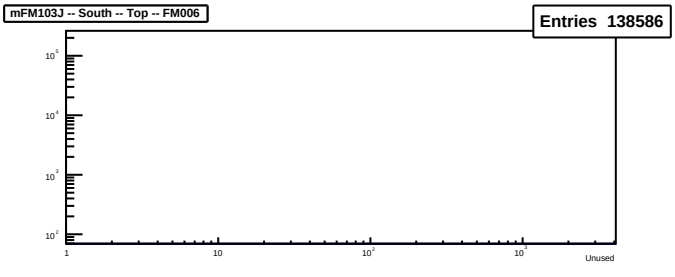

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

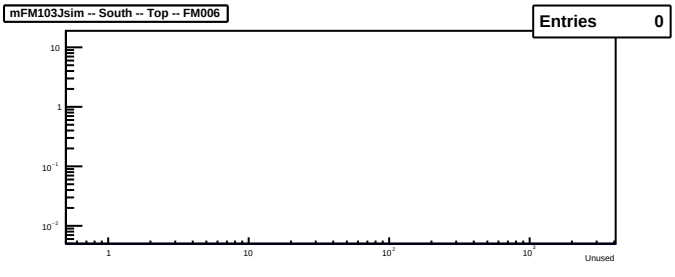

mFM103JP -- South -- Top/Side -- FM005
Entries 277172
JP-GH
JP-IJ

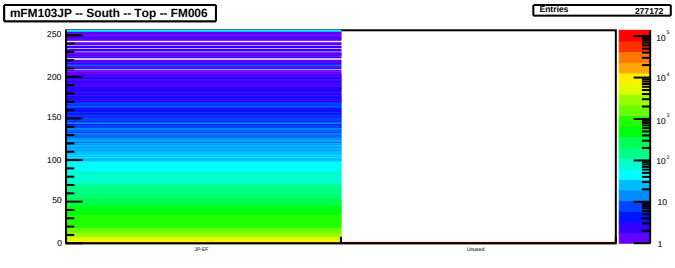

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

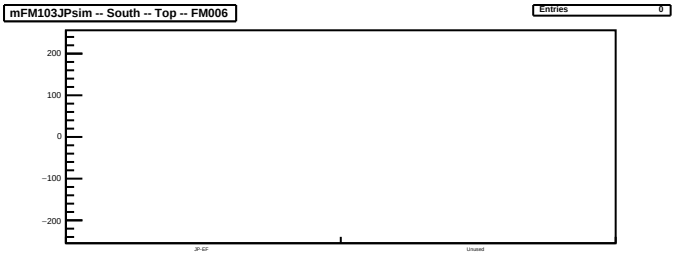

mFM103BS -- South -- Top --FM006
Entries 554344
BS3
BS2
BS1-E
BS1-F

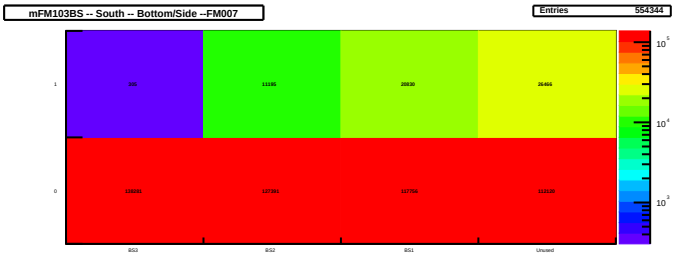

mFM103BSsim -- South -- Top --FM0006
Entries 11423
BS3
BS2
BS1-E
BS1-F

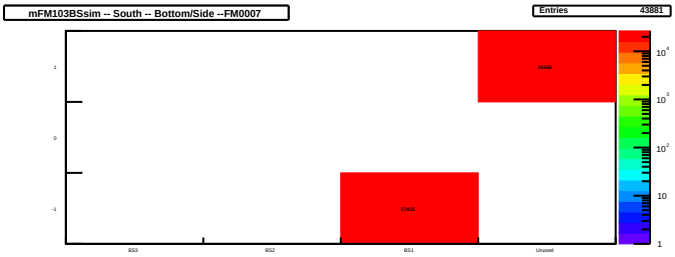

mFM103J -- South -- Top -- FM006
Entries 138586
Unused

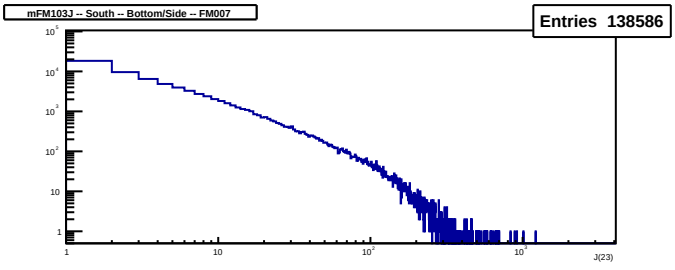

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

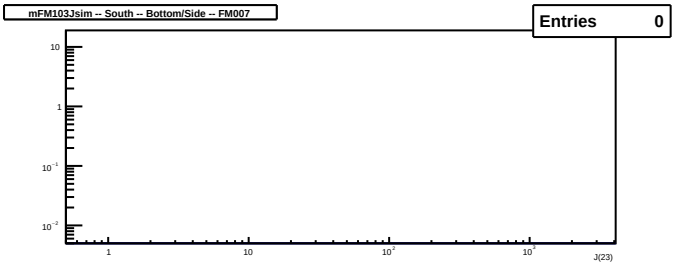

mFM103JP -- South -- Top -- FM006
Entries 277172
JP-EF
Unused

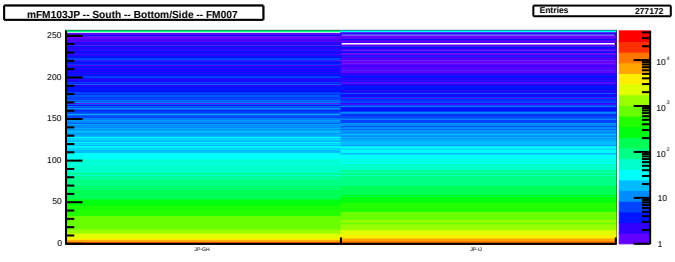

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

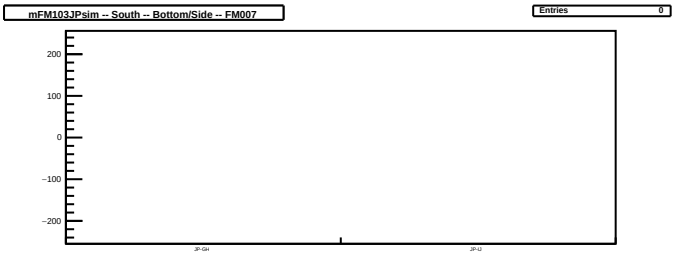

mFM103BS -- South -- Bottom/Side --FM007
Entries 554344
BS3
BS2
BS1
Unused

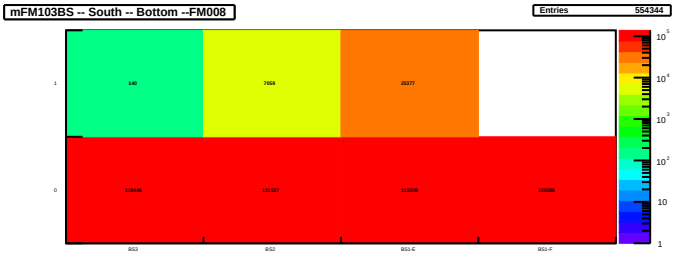

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 43881
BS3
BS2
BS1
Unused

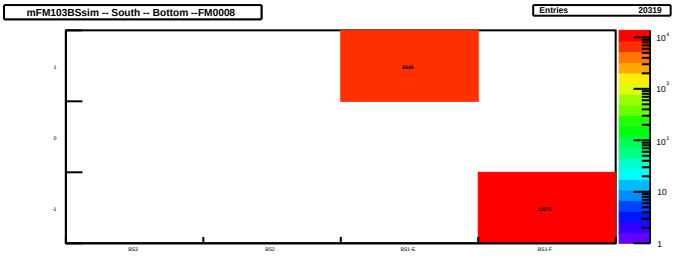

mFM103J -- South -- Bottom/Side -- FM007
Entries 138586
J(23)

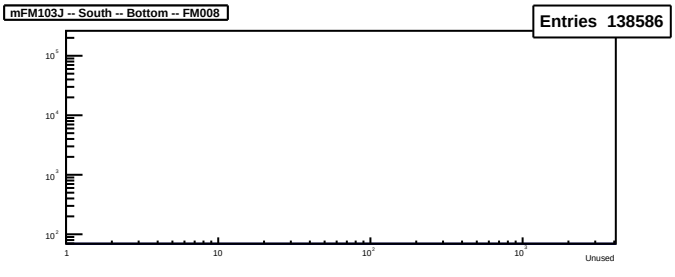

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

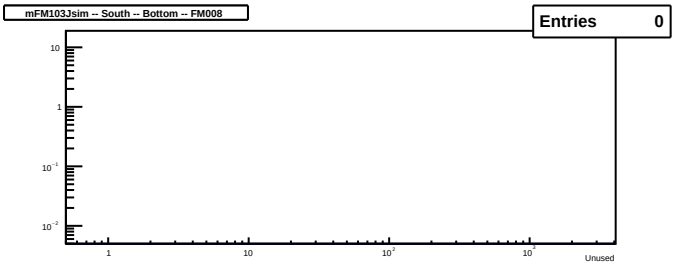

mFM103JP -- South -- Bottom/Side -- FM007
Entries 277172
JP-GH
JP-U

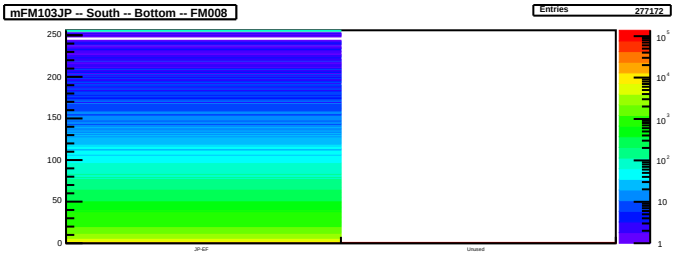

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-U

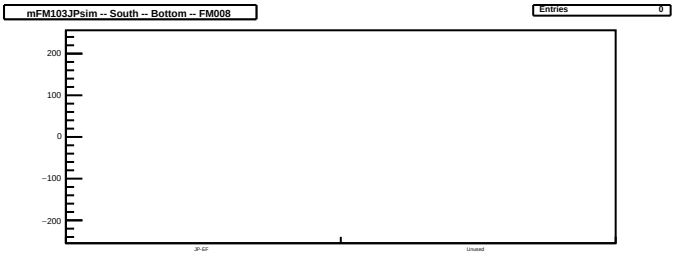

mFM103BS -- South -- Bottom --FM008
Entries 554344
BS3
BS2
BS1-E
BS1-F

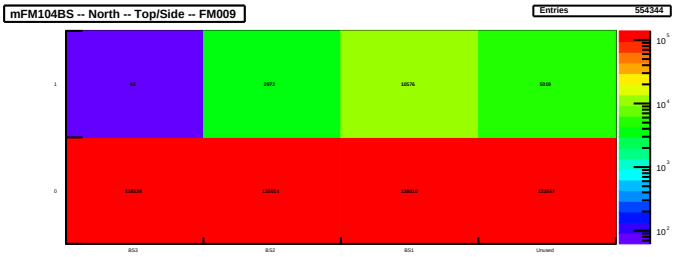

mFM103BSsim -- South -- Bottom --FM0008
Entries 20319
BS3
BS2
BS1-E
BS1-F

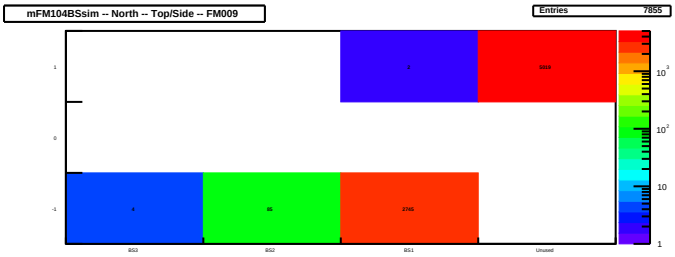

mFM103J -- South -- Bottom -- FM008
Entries 138586
Unused

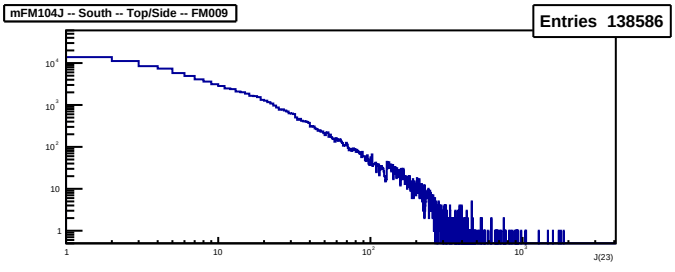

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

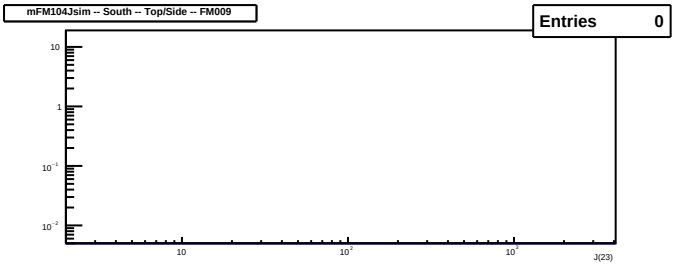

mFM103JP -- South -- Bottom -- FM008
Entries 277172
JP-EF
Unused

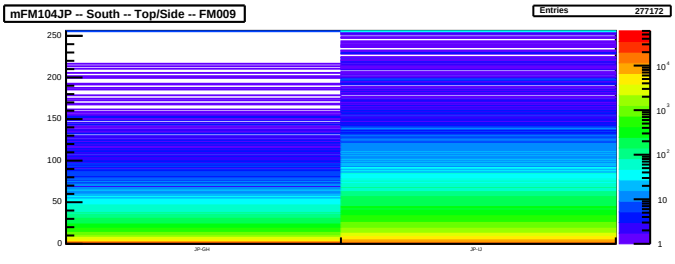

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

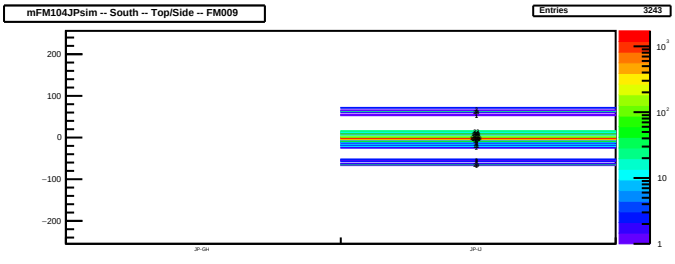

mFM104BS -- North -- Top/Side -- FM009
Entries 554344
BS3
BS2
BS1
Unused

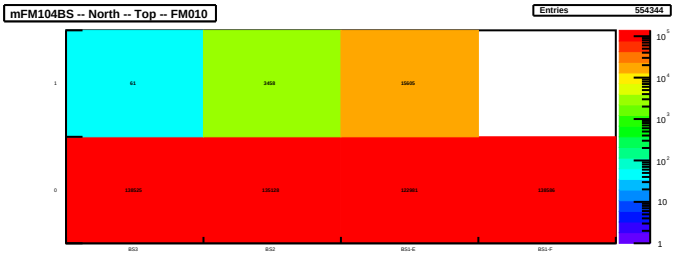

mFM104BSsim -- North -- Top/Side -- FM009
Entries 7855
BS3
BS2
BS1
Unused

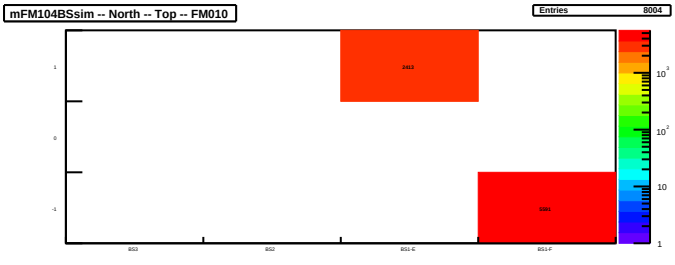

mFM104J -- South -- Top/Side -- FM009
Entries 138586
J(23)

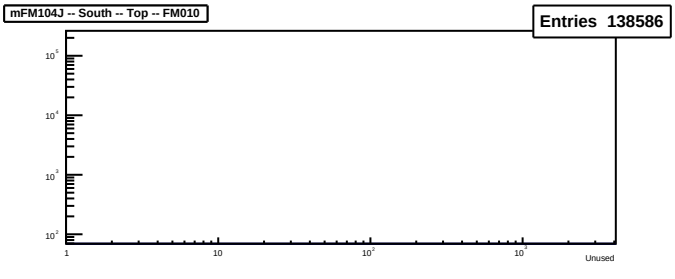

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

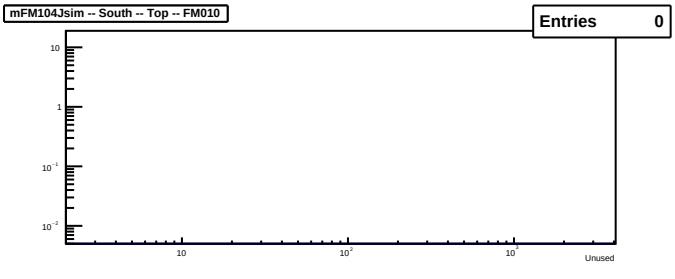

mFM104JP -- South -- Top/Side -- FM009
Entries 277172
JP-GH
JP-IJ

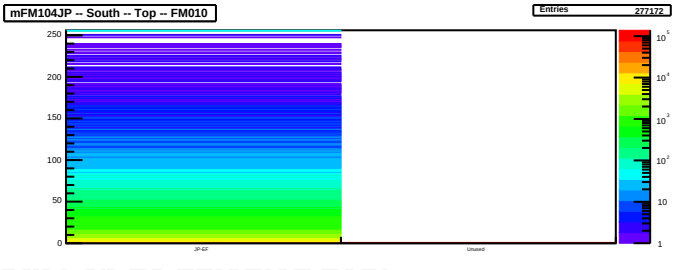

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3243
JP-GH
JP-IJ

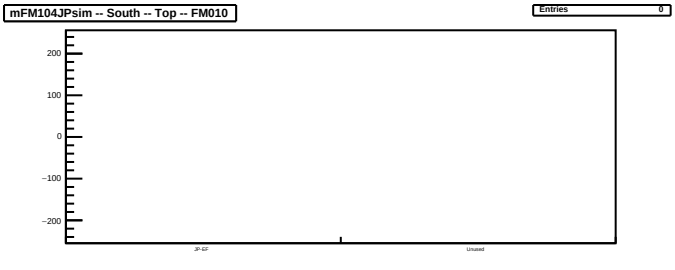

mFM104BS -- North -- Top -- FM010
Entries 554344
BS3
BS2
BS1-E
BS1-F

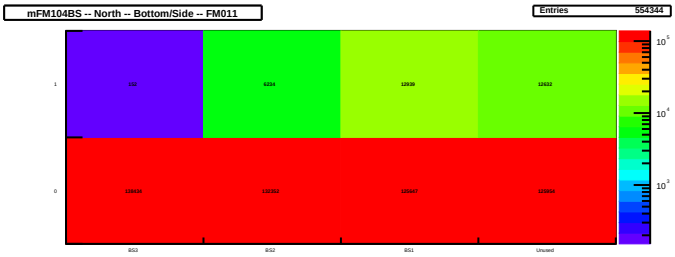

mFM104BSsim -- North -- Top -- FM010
Entries 8004
BS3
BS2
BS1-E
BS1-F

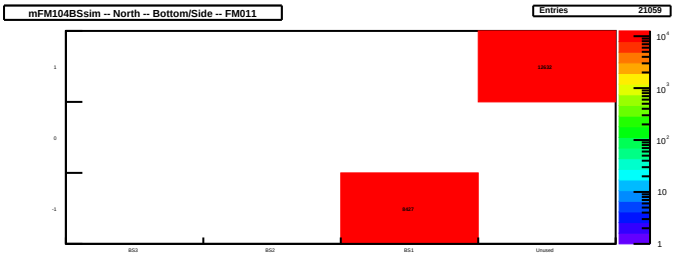

mFM104J -- South -- Top -- FM010
Entries 138586
Unused

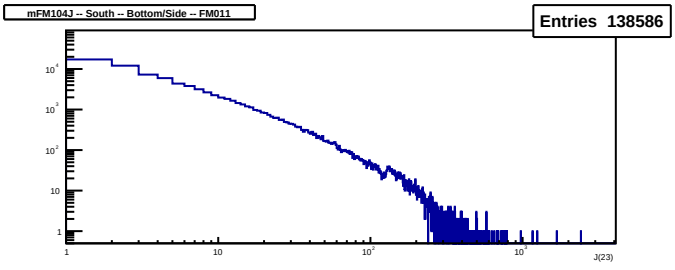

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

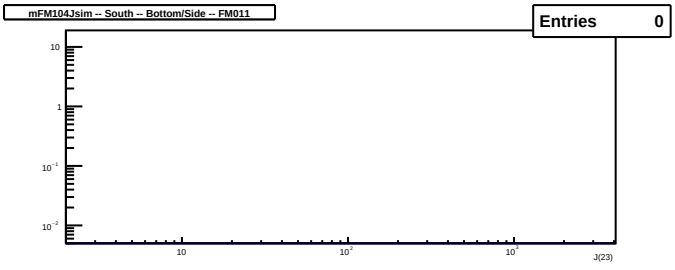

mFM104JP -- South -- Top -- FM010
Entries 277172
JP-EF
Unused

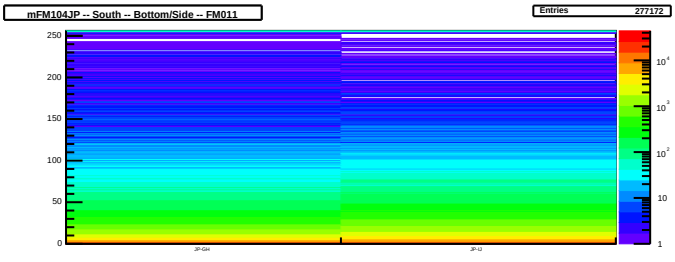

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

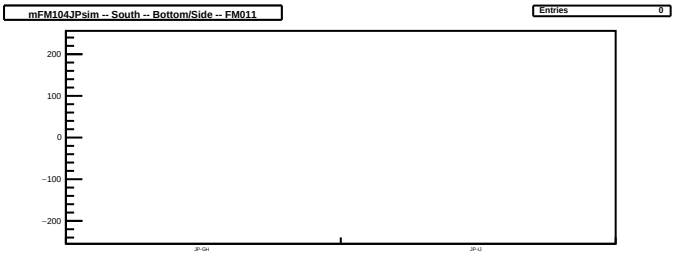

mFM104BS -- North -- Bottom/Side -- FM011
Entries 554344
152
6234
13639
13632
136434
132352
125647
125954
BS3
BS2
BS1
Unused

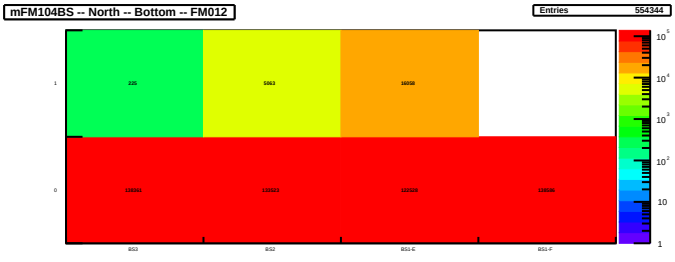

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 21059
13632
8427
BS3
BS2
BS1
Unused

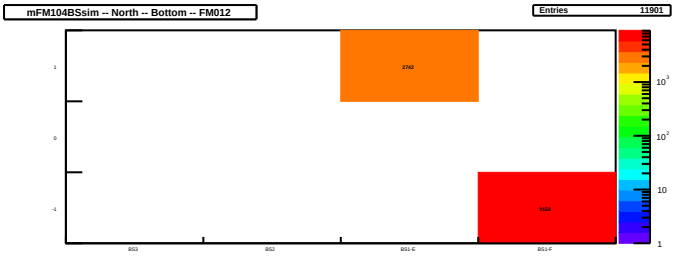

mFM104J -- South -- Bottom/Side -- FM011
Entries 138586
J(23)

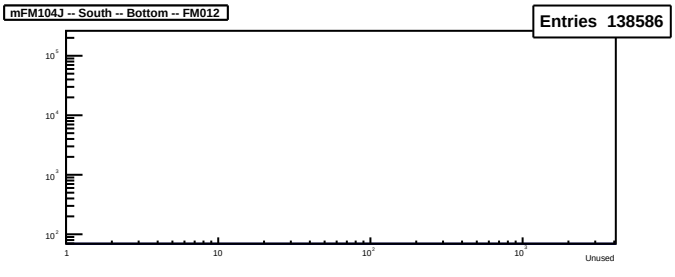

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

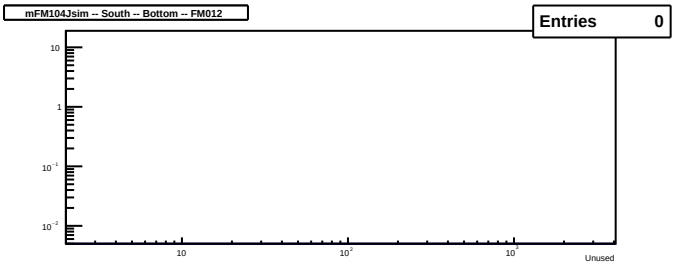

mFM104JP -- South -- Bottom/Side -- FM011
Entries 277172
JP-GH
JP-IJ

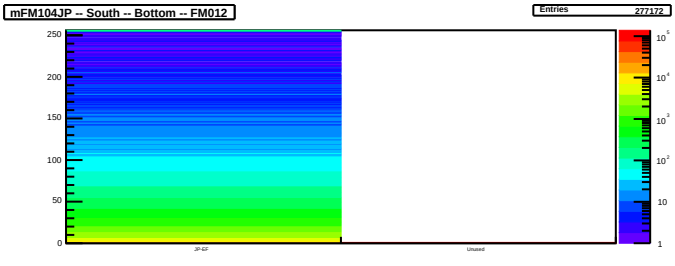

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 554344
225
5963
16958
136361
133523
122528
135586
BS3
BS2
BS1-E
BS1-F

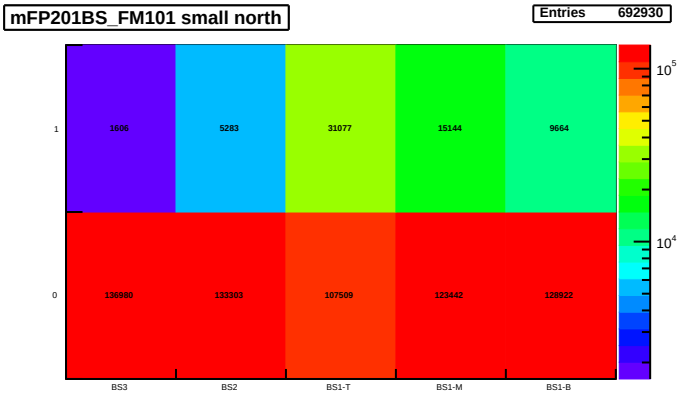

mFM104BSsim -- North -- Bottom -- FM012
Entries 11901
2762
9139
BS3
BS2
BS1-E
BS1-F

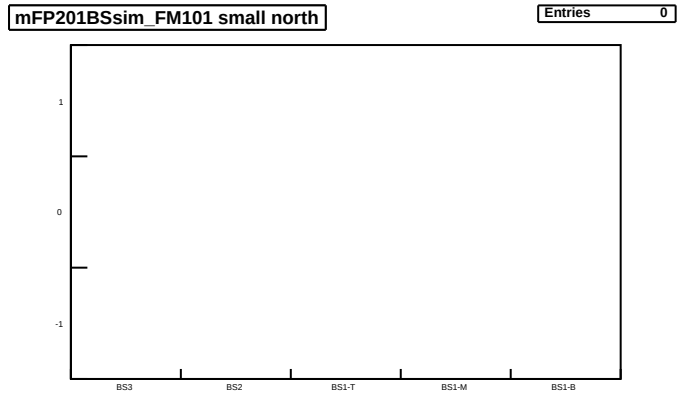

mFM104J -- South -- Bottom -- FM012
Entries 138586
Unused

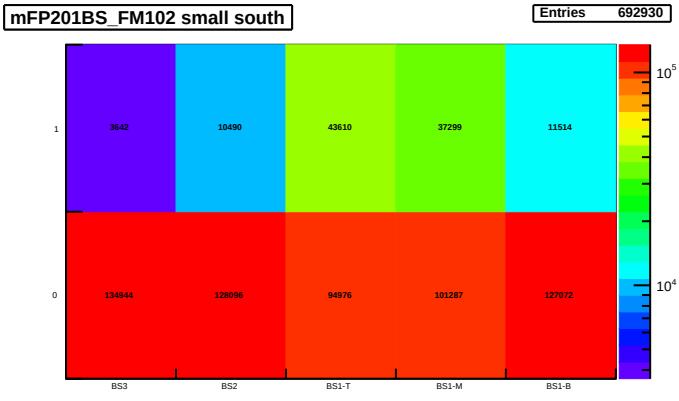

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

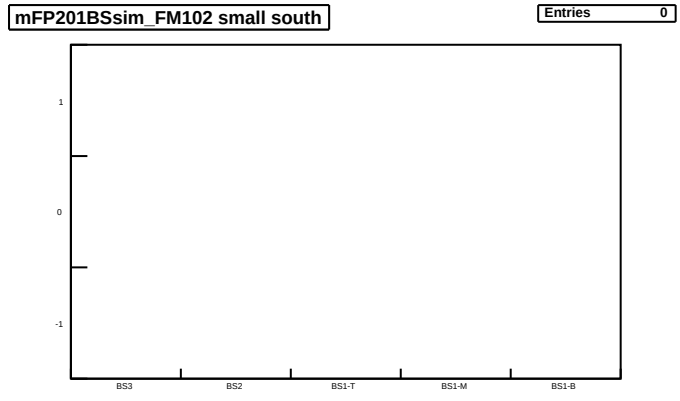

mFM104JP -- South -- Bottom -- FM012
Entries 277172
JP-EF
Unused

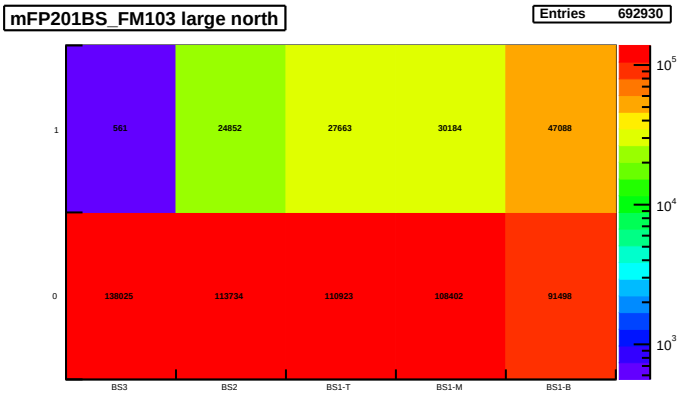
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

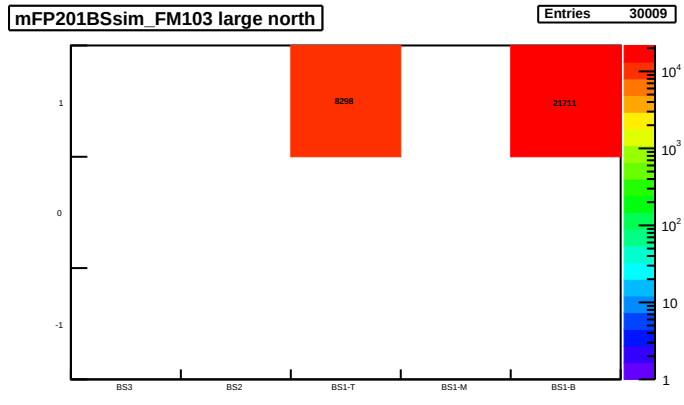

mFP201BS_FM101 small north
Entries 692930
1606
5283
31077
15144
9664
136980
133303
107509
123442
128922
BS3
BS2
BS1-T
BS1-M
BS1-B

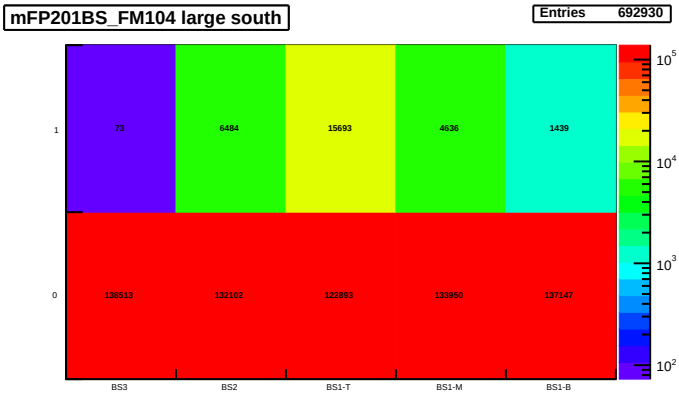

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

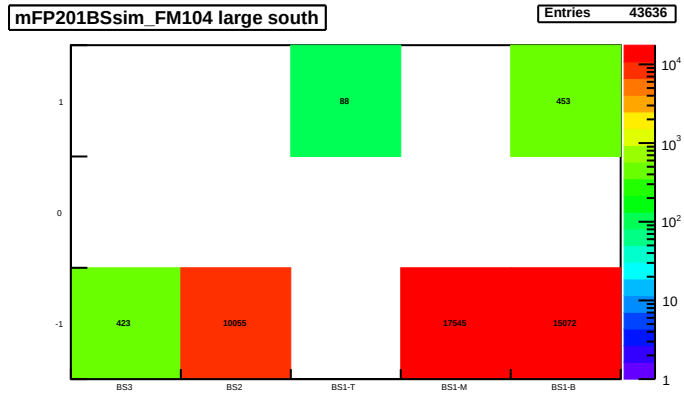

mFP201BS_FM102 small south
Entries 692930
3642
10490
43610
37299
11514
134944
128096
94976
101287
127072
BS3
BS2
BS1-T
BS1-M
BS1-B

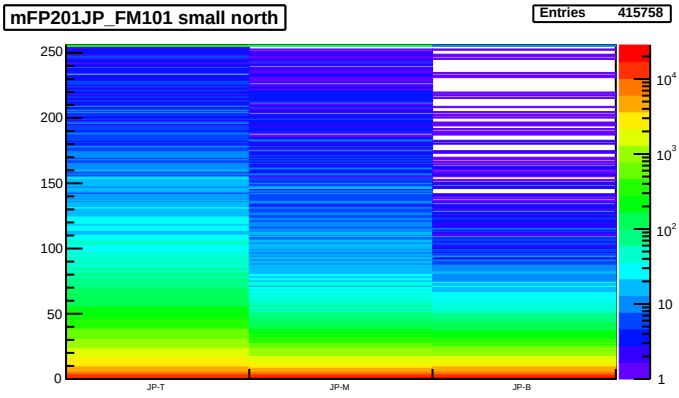

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

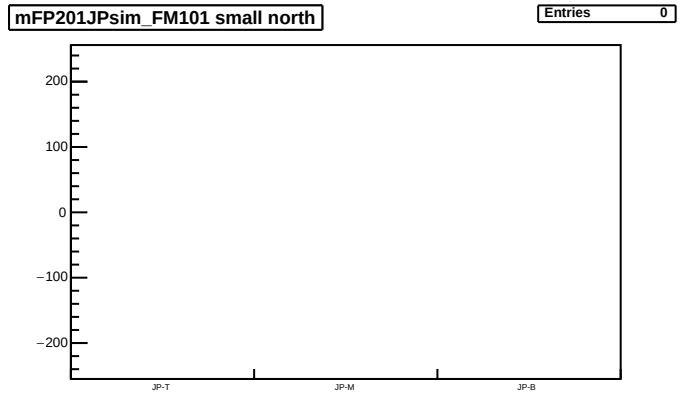

mFP201BS_FM103 large north
Entries 692930
561
24852
27663
30184
47088
138025
113734
110923
108402
91498
BS3
BS2
BS1-T
BS1-M
BS1-B

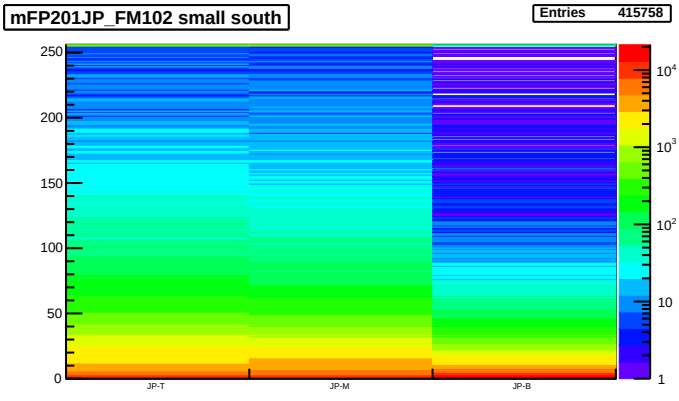

mFP201BSsim_FM103 large north
Entries 30009
8298
21711
BS3
BS2
BS1-T
BS1-M
BS1-B

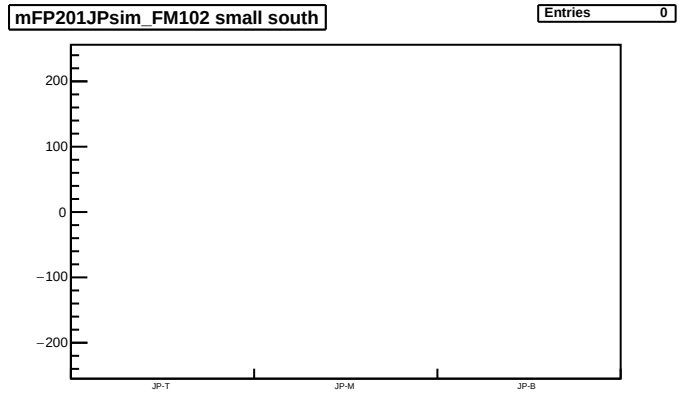

mFP201BS_FM104 large south
Entries 692930
73
6484
15693
4636
1439
138513
132102
122893
133950
137147
BS3
BS2
BS1-T
BS1-M
BS1-B

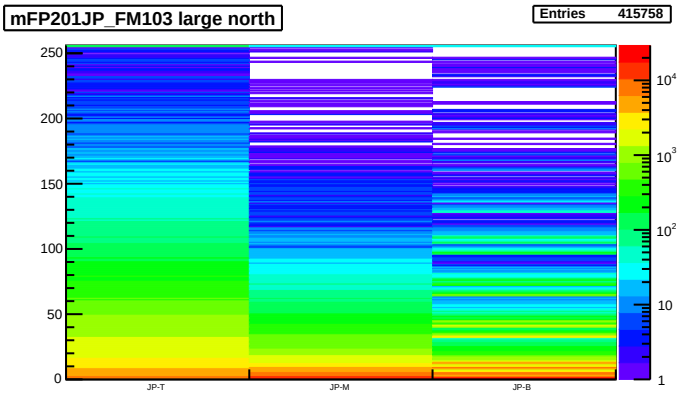

mFP201BSsim_FM104 large south
Entries 43636
88
453
423
10055
17545
15072
BS3
BS2
BS1-T
BS1-M
BS1-B

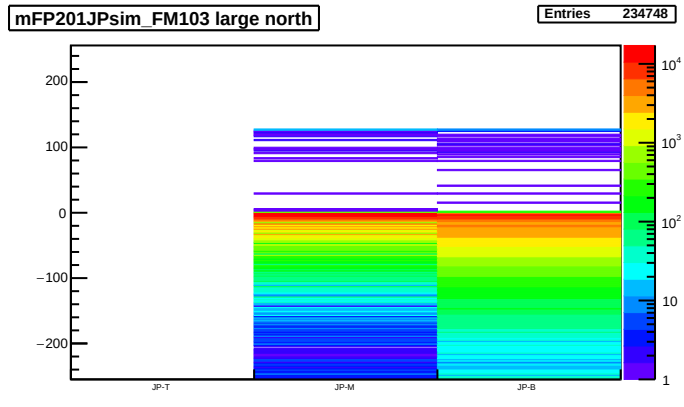

mFP201JP_FM101 small north
Entries 415758
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

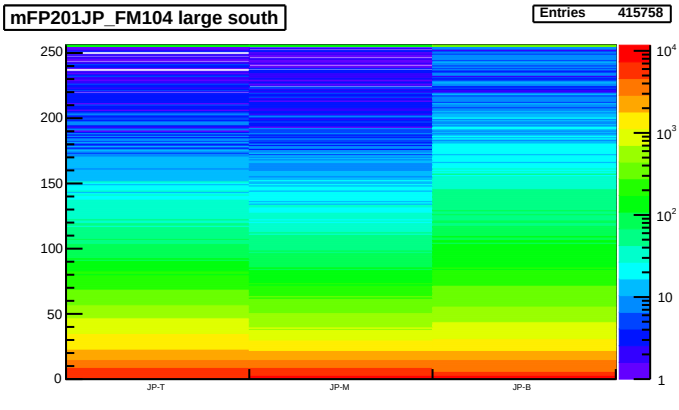

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

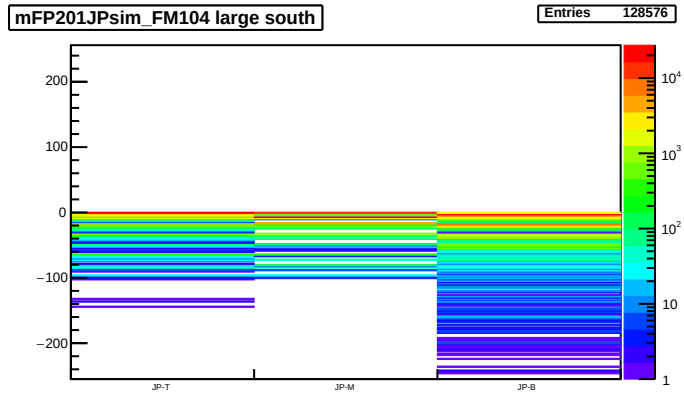

mFP201JP_FM102 small south
Entries 415758
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

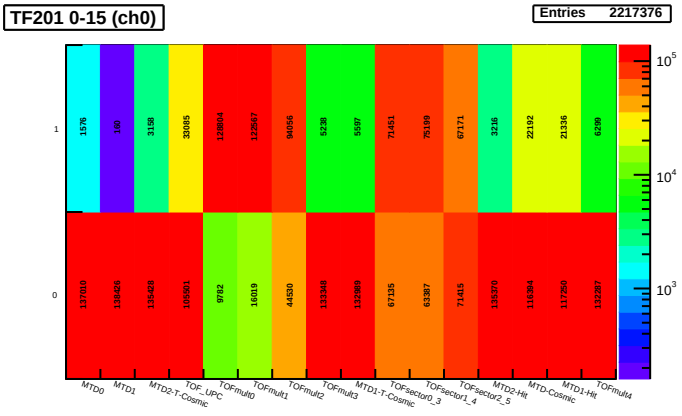

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

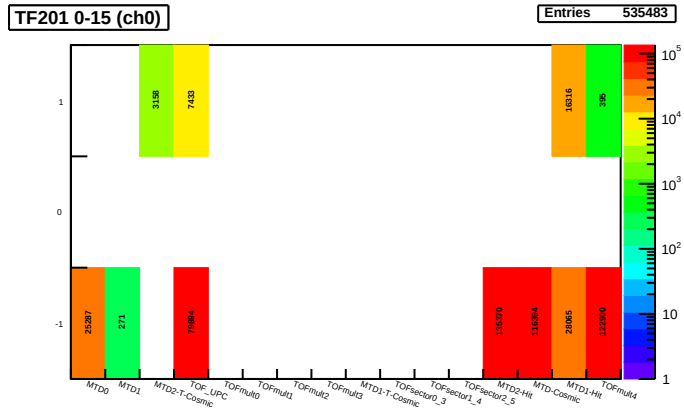

mFP201JP_FM103 large north
Entries 415758
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

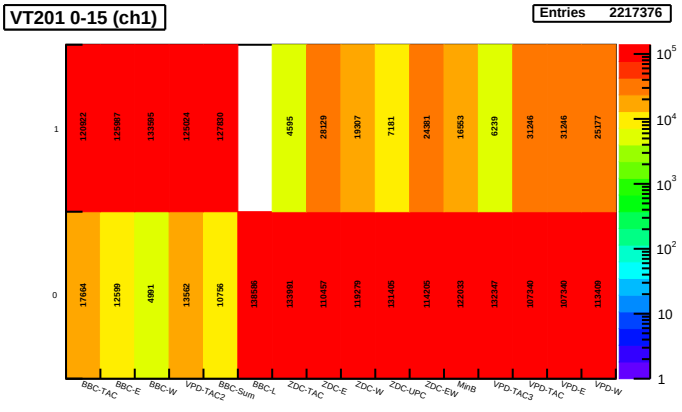

mFP201JPsim_FM103 large north
Entries 234748
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

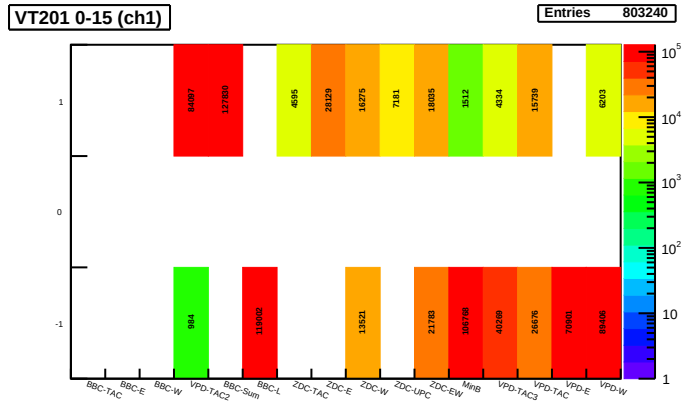

mFP201JP_FM104 large south
Entries 415758
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

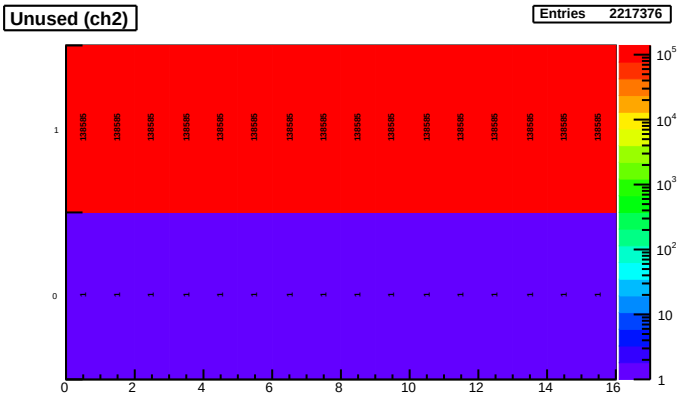

mFP201JPsim_FM104 large south
Entries 128576
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

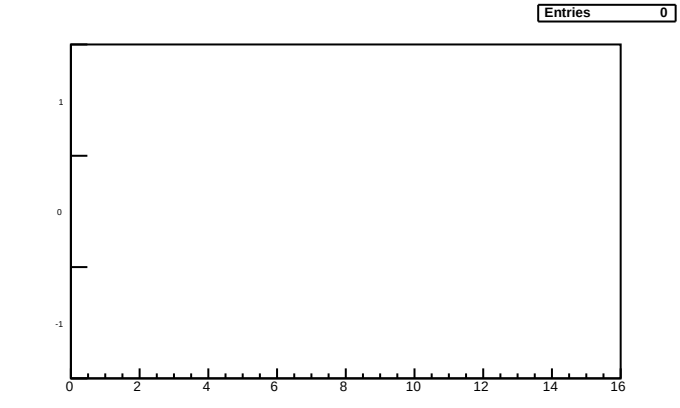

TF201 0-15 (ch0)
Entries 2217376
1576 100 3158 33085 128804 122567 94056 5238 5597 71451 75199 67171 3216 22192 21336 6299
137010 138426 135428 105501 9782 16019 44530 133348 132989 67135 63387 71415 135370 116384 117250 132237
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

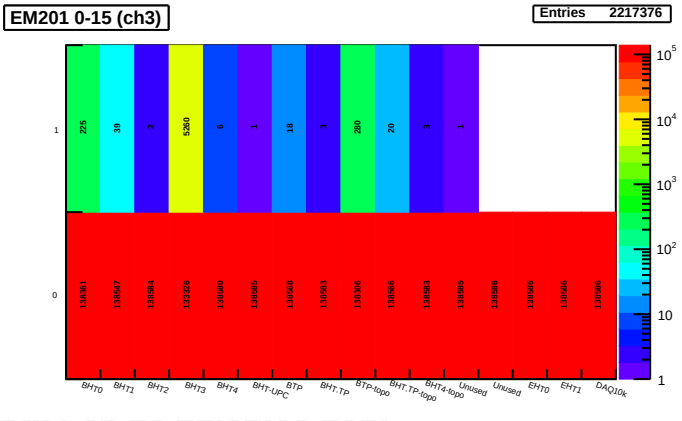

TF201 0-15 (ch0)
Entries 535483
3158 7433 16816 395
25287 271 79884 135370 116384 28965 122900
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

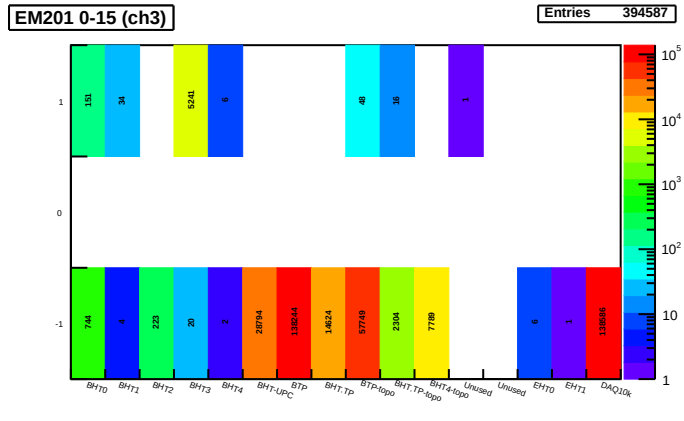

VT201 0-15 (ch1)
Entries 2217376
120822 125987 133395 125024 127830 4595 23129 19307 7181 24381 16553 6239 31246 31246 25177
17684 12599 4991 13562 10756 138586 133901 110457 119279 131405 114205 120033 122347 107340 107340 113409
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

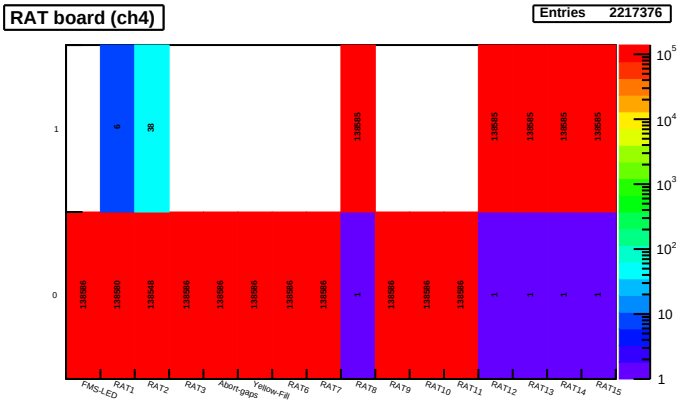

VT201 0-15 (ch1)
Entries 803240
84697 127830 4595 23129 16275 7181 18035 1512 4334 15739 6203
984 119902 13521 21783 106768 40269 26676 70901 89406
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

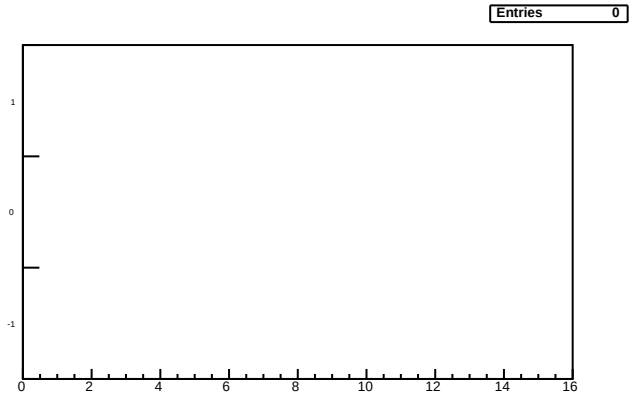

Unused (ch2)
Entries 2217376
138585 138585 138585 138585 138585 138585 138585 138585 138585 138585 138585 138585 138585 138585 138585 138585
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

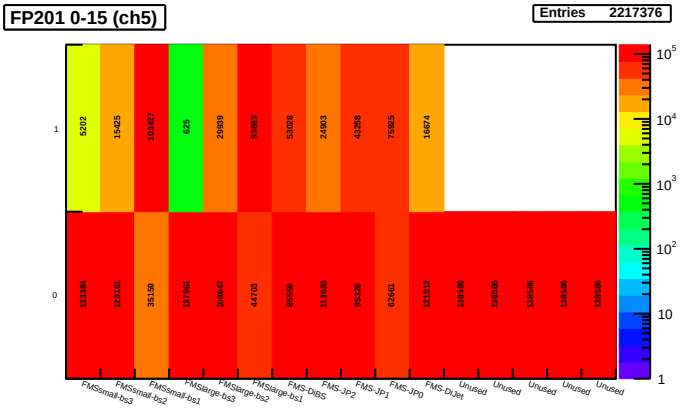

Entries 0

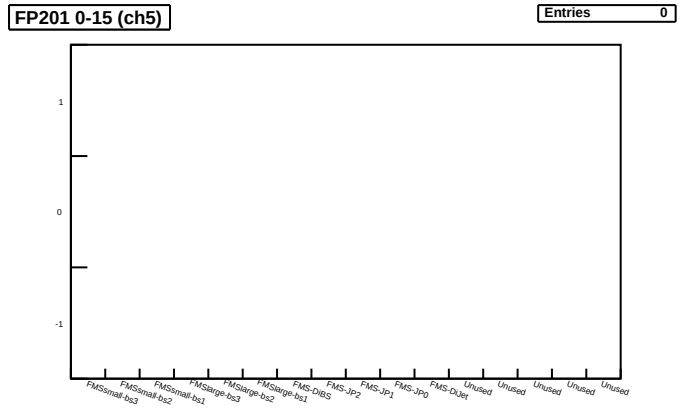

EM201 0-15 (ch3)
Entries 2217376
225 39 2 5260 6 1 18 3 280 20 3 1
138351 138547 138324 133326 138380 138365 138358 138363 138306 138366 138363 138365 138366 138366 138366 138366
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

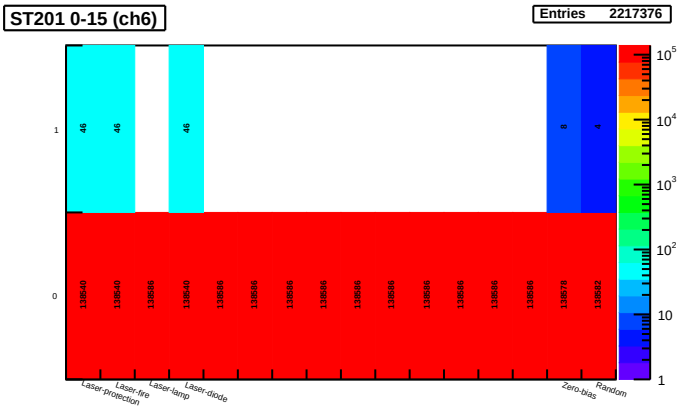

EM201 0-15 (ch3)
Entries 394587
151 34 5241 6 48 16 1
744 4 223 20 2 28794 138344 14624 57749 2394 7789 6 1 138386
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 2217376
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 2217376
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 0
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)
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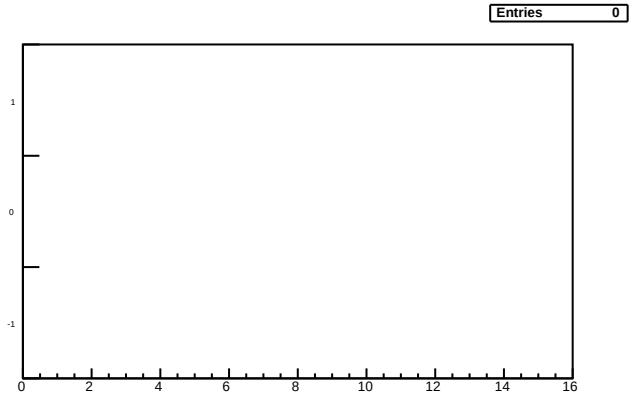
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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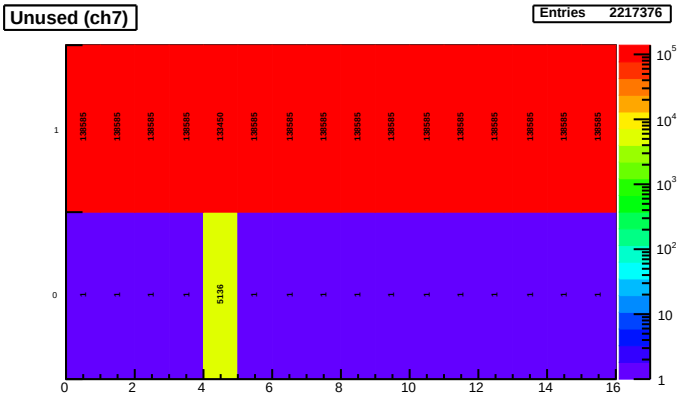
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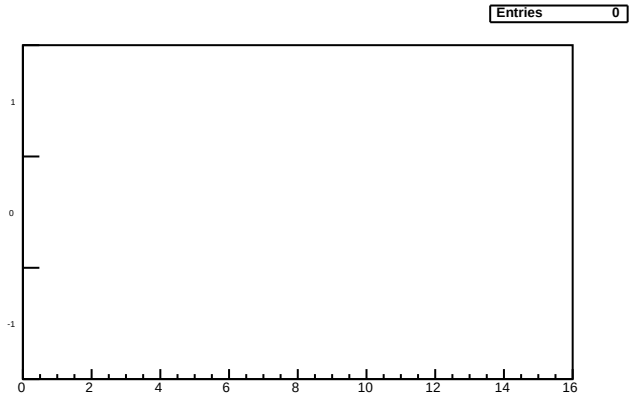
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