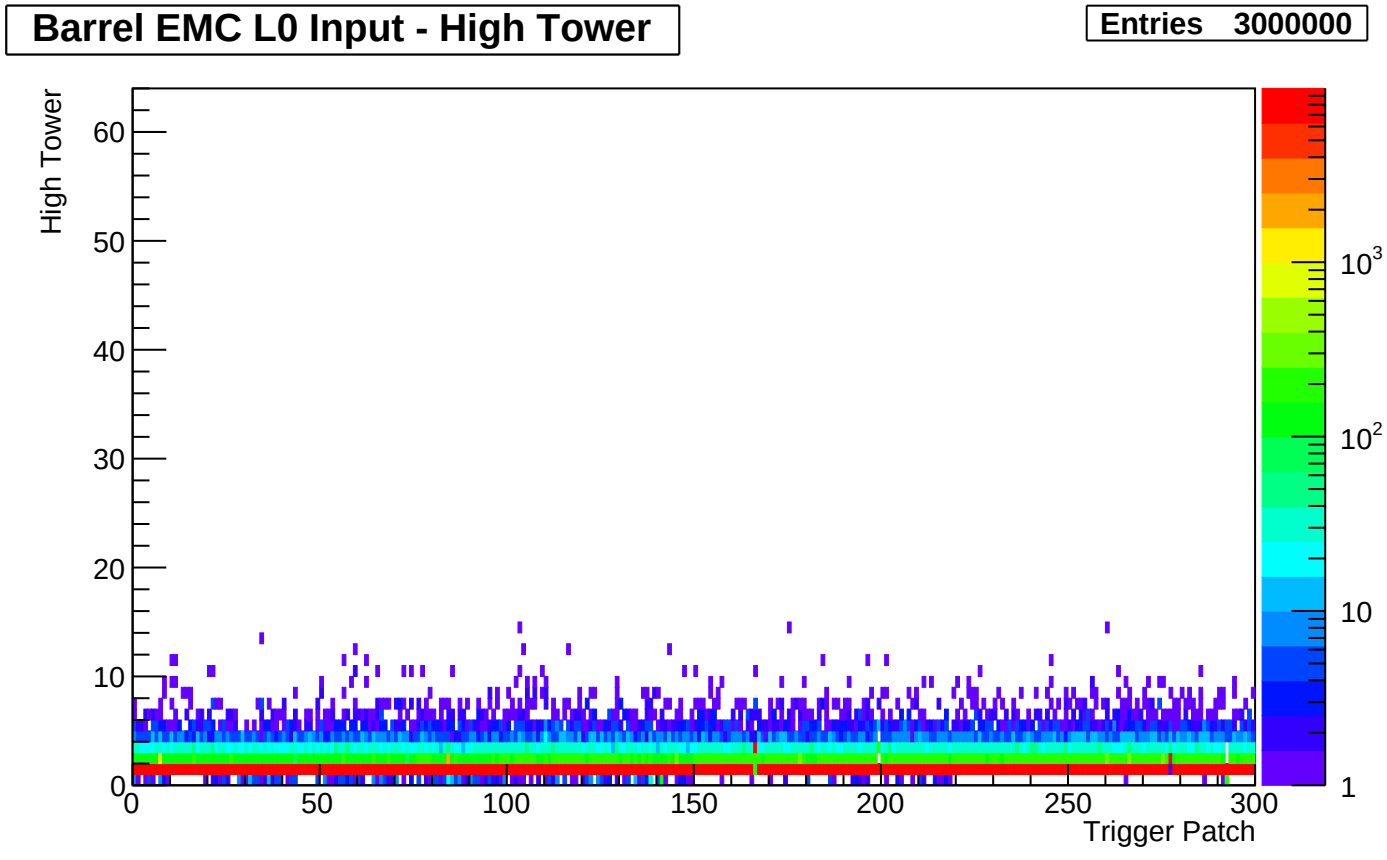
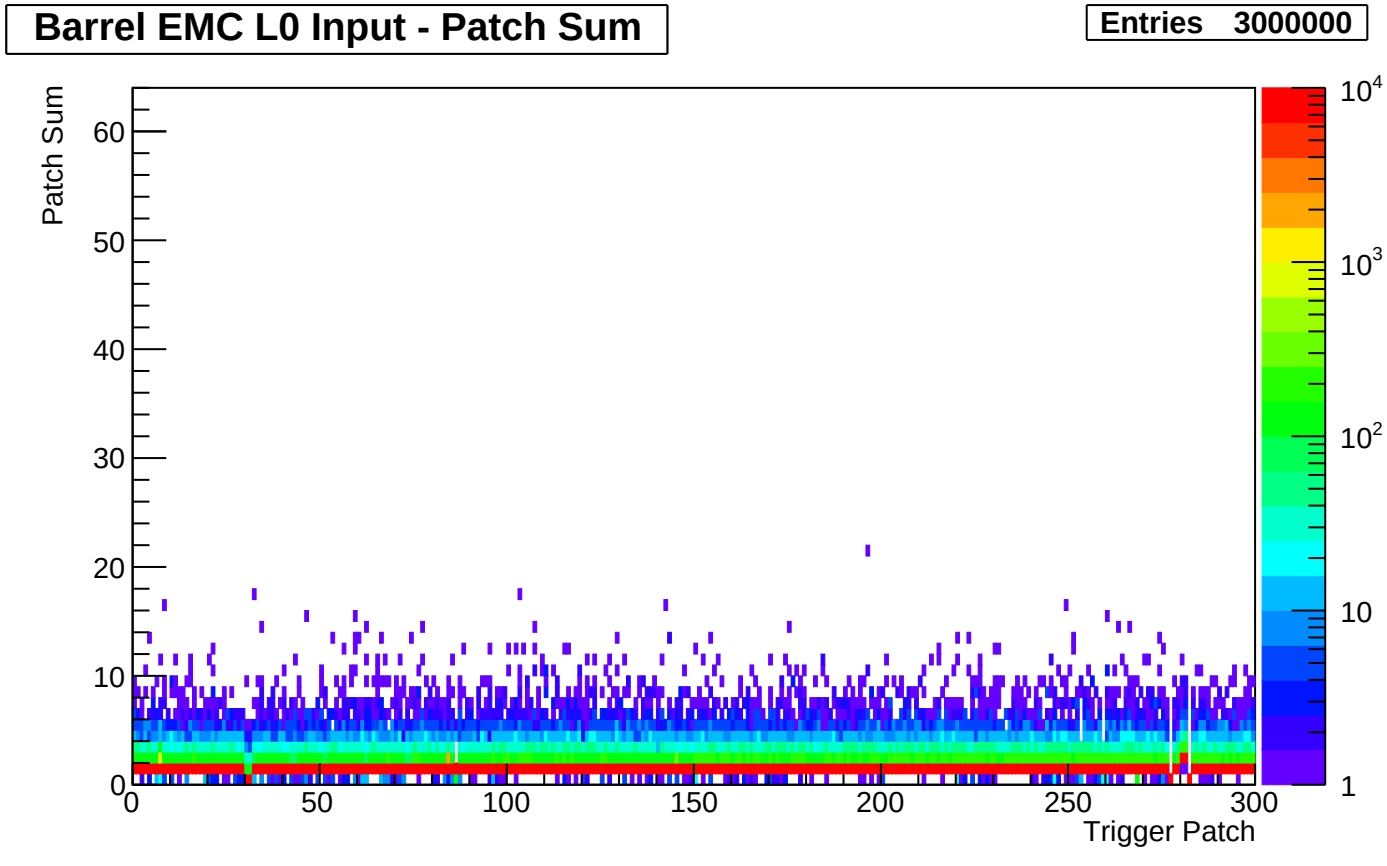
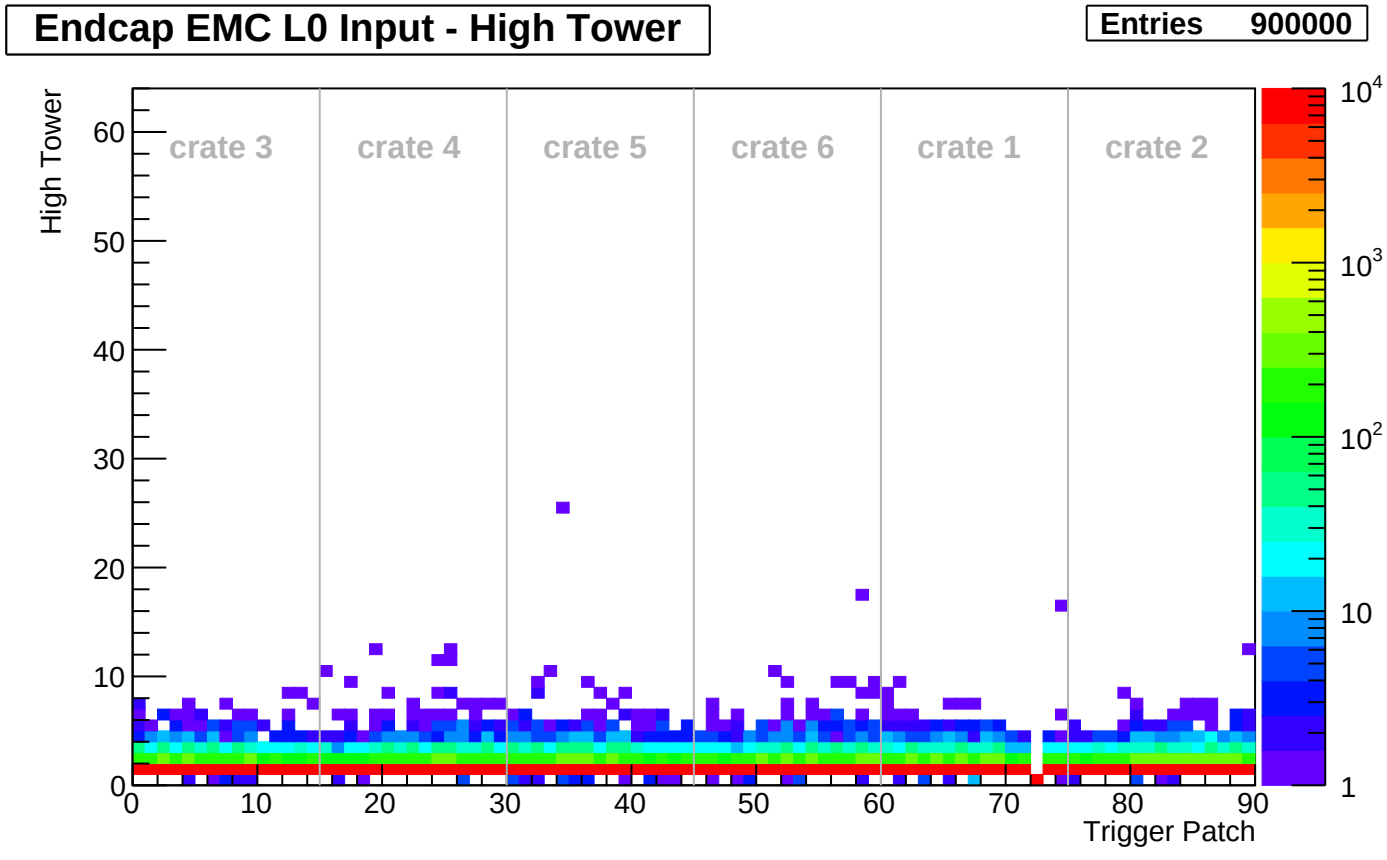
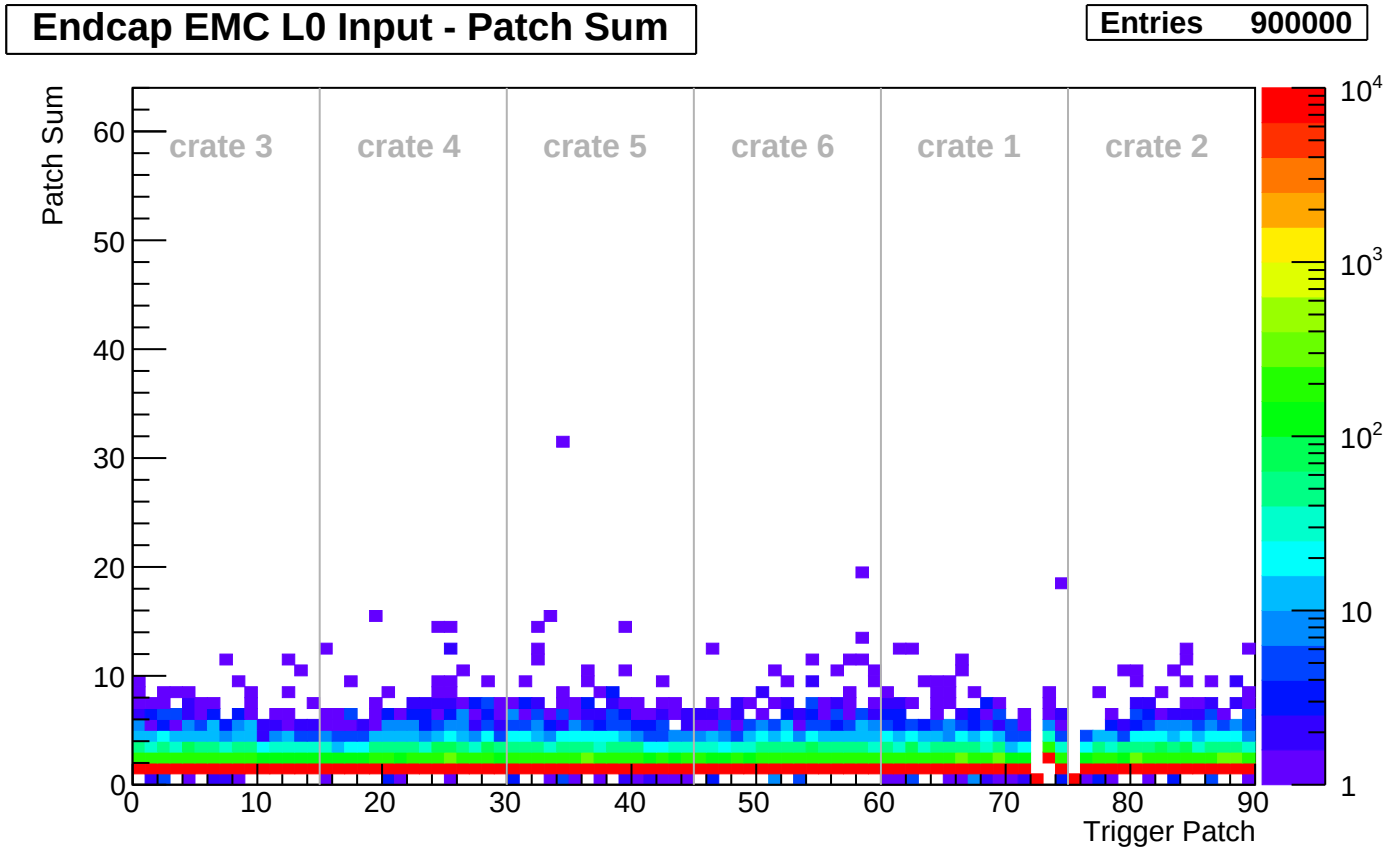
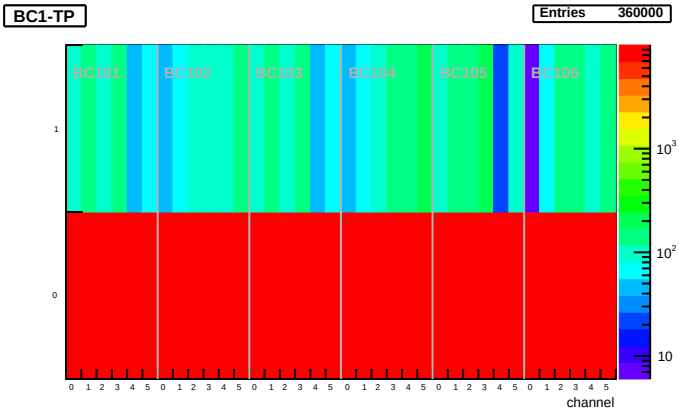
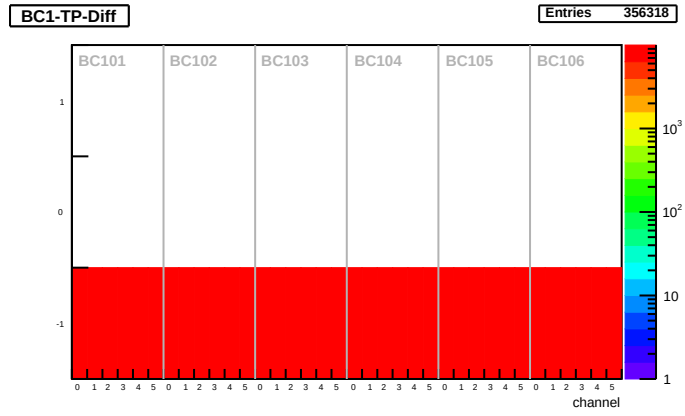

Barrel EMC L0 Input - High Tower
Entries 3000000
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

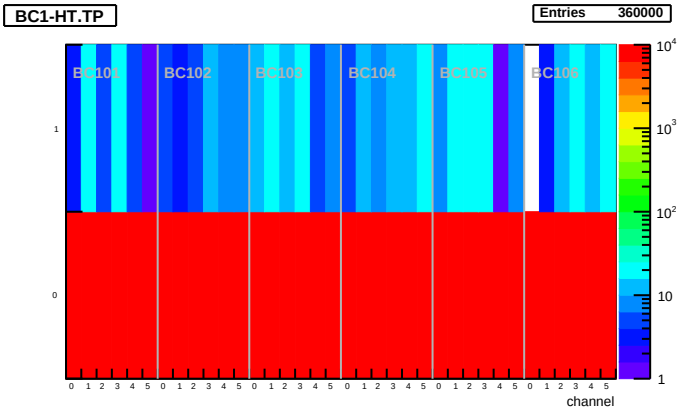

Barrel EMC L0 Input - Patch Sum
Entries 3000000
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

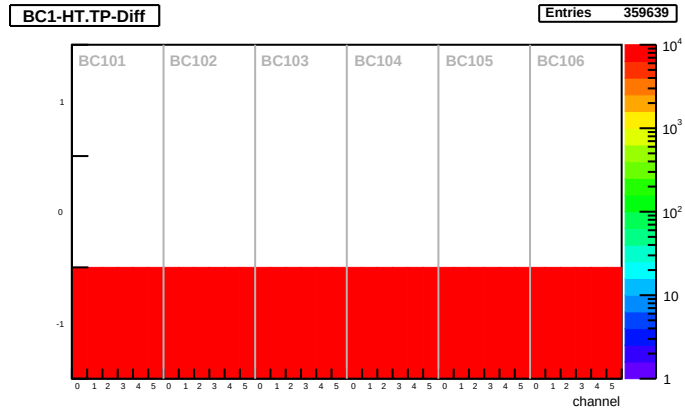

Endcap EMC L0 Input - High Tower
Entries 900000
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

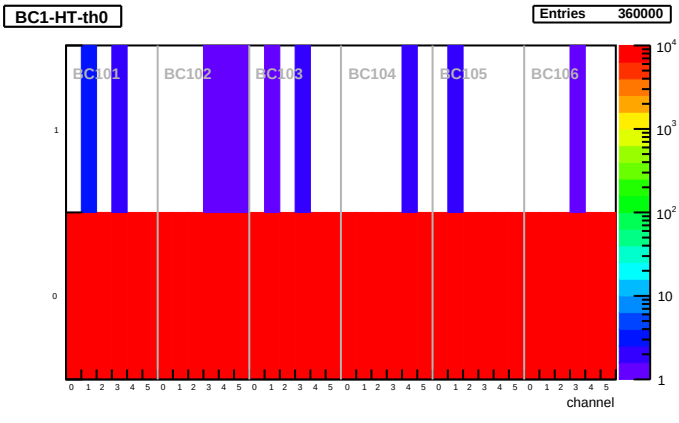

Endcap EMC L0 Input - Patch Sum
Entries 900000
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

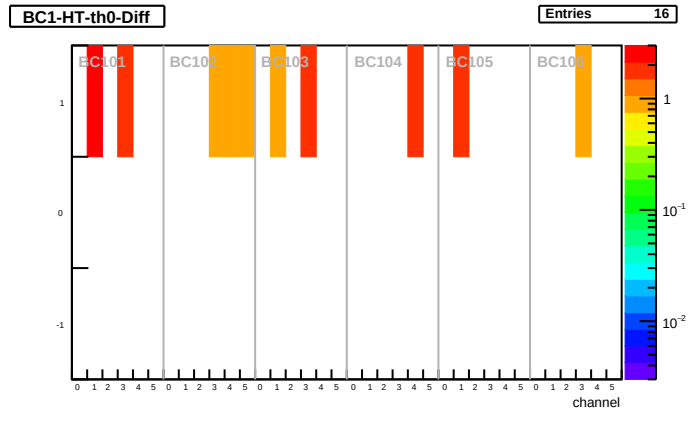

BC1-TP
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

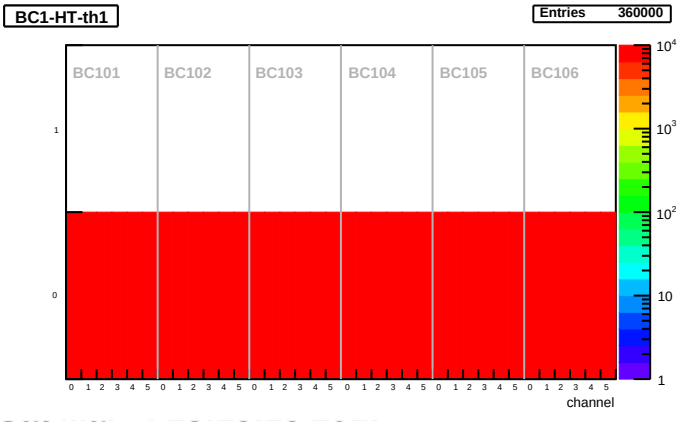

BC1-TP-Diff
Entries 356318
BC101
BC102
BC103
BC104
BC105
BC106
channel

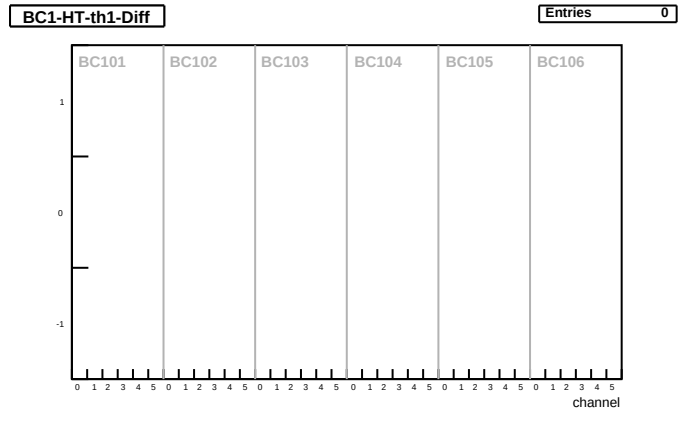

BC1-HT.TP
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

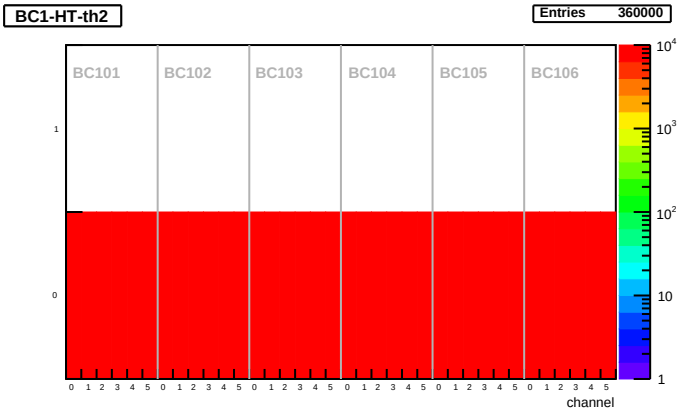

BC1-HT.TP-Diff
Entries 359639
BC101
BC102
BC103
BC104
BC105
BC106
channel

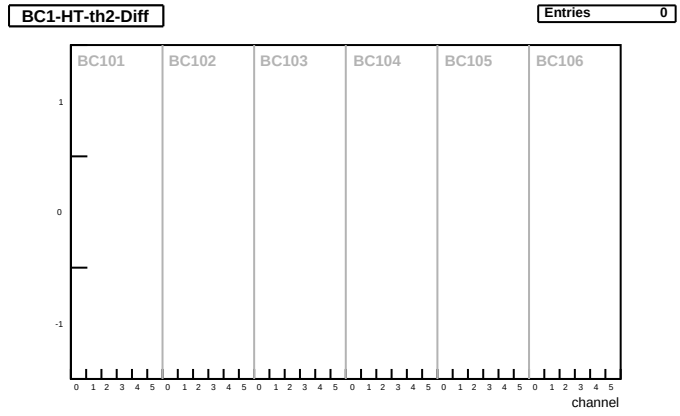

BC1-HT-th0
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

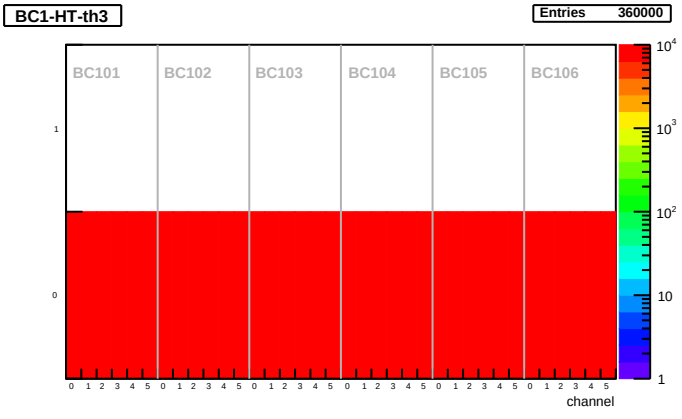

BC1-HT-th0-Diff
Entries 16
BC101
BC102
BC103
BC104
BC105
BC106
channel

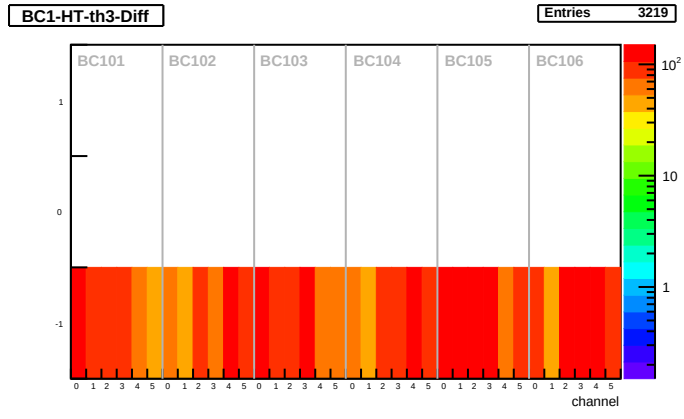

BC1-HT-th1
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

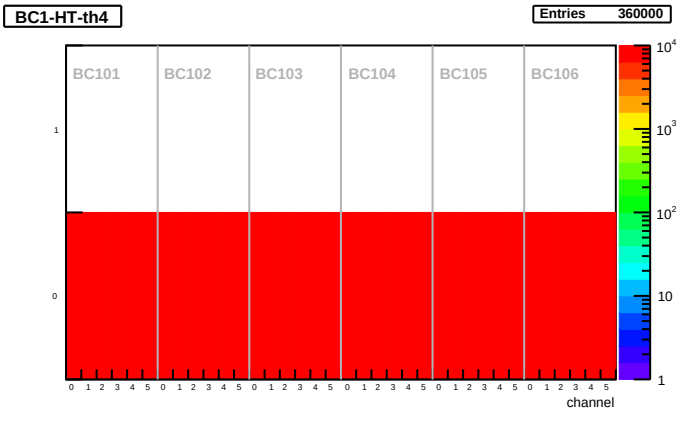

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

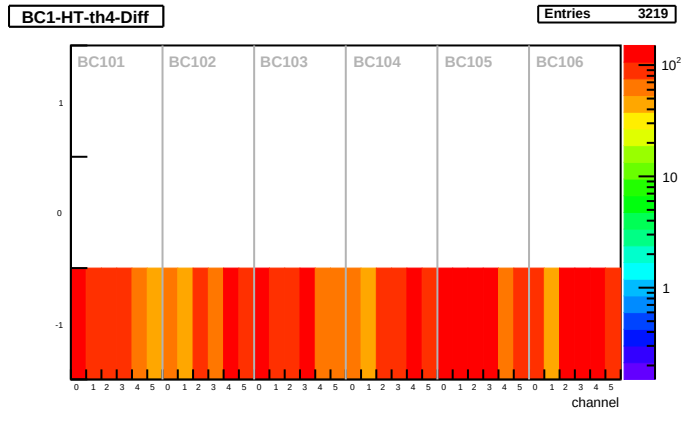

BC1-HT-th2
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

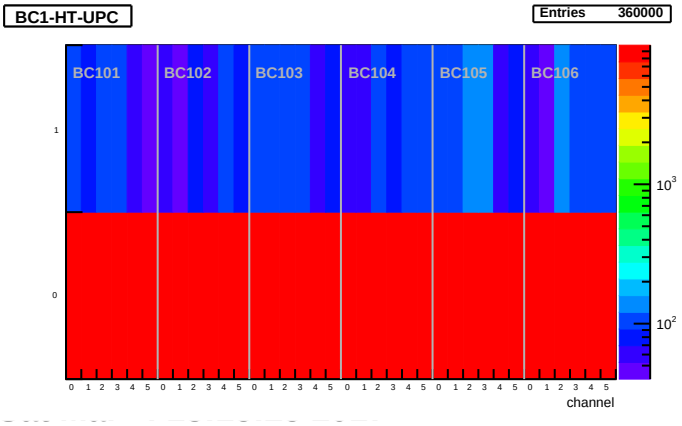

BC1-HT-th2-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

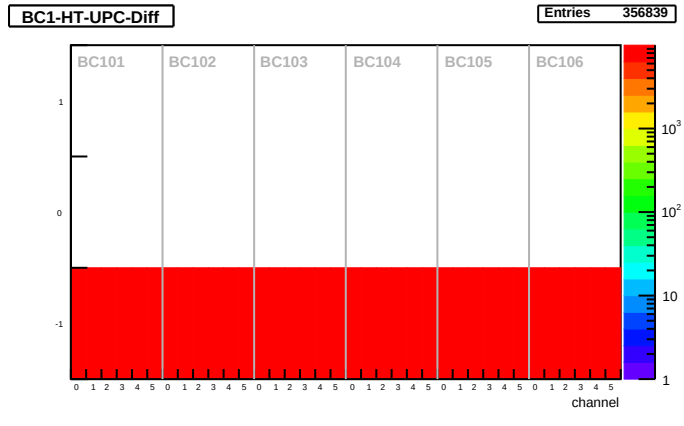

BC1-HT-th3
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

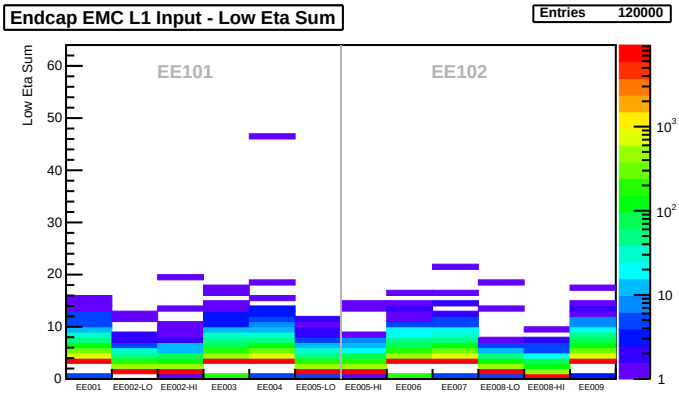

BC1-HT-th3-Diff
Entries 3219
BC101
BC102
BC103
BC104
BC105
BC106
channel

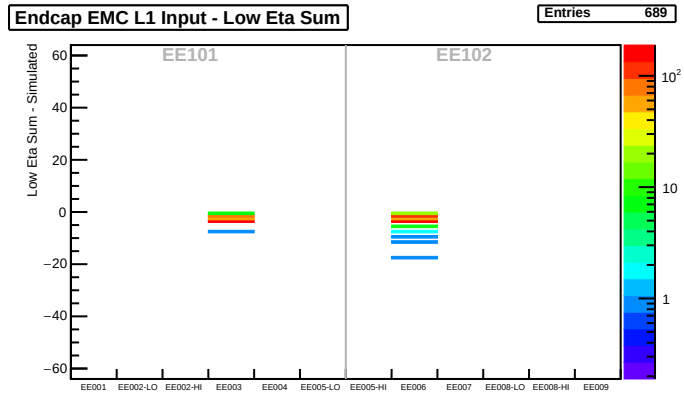

BC1-HT-th4
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

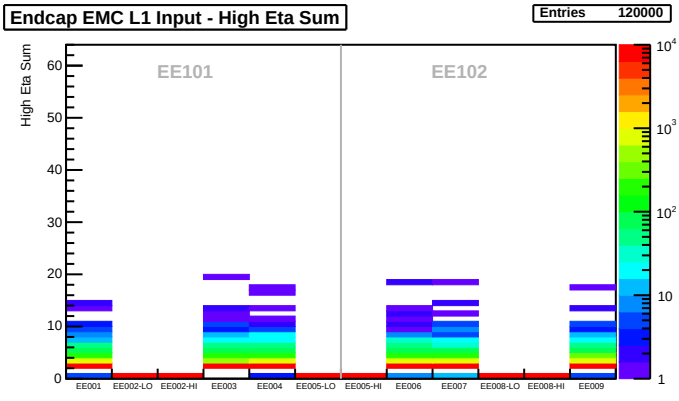

BC1-HT-th4-Diff
Entries 3219
BC101
BC102
BC103
BC104
BC105
BC106
channel

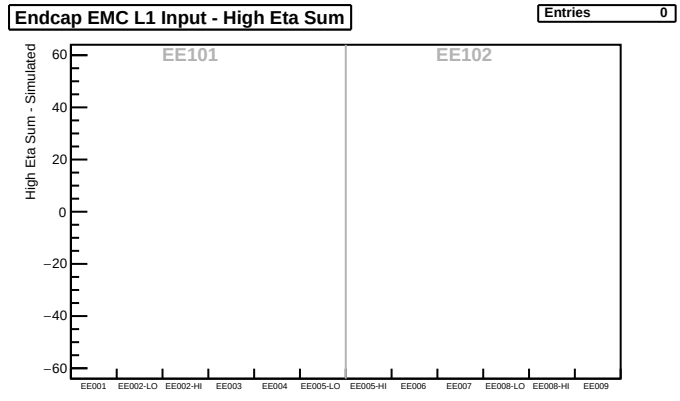

BC1-HT-UPC
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

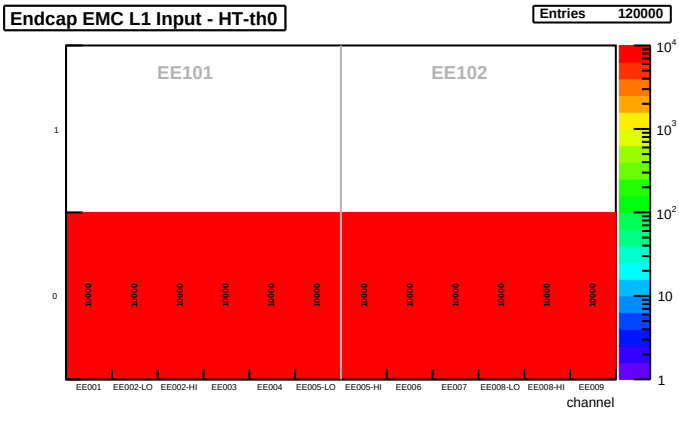

BC1-HT-UPC-Diff
Entries 356839
BC101
BC102
BC103
BC104
BC105
BC106
channel

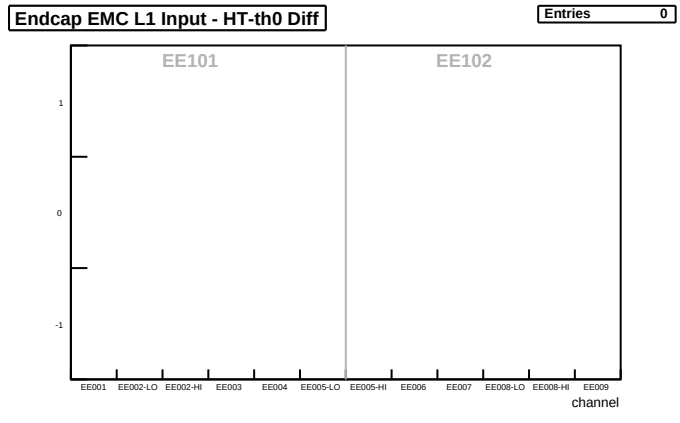

Endcap EMC L1 Input - Low Eta Sum
Entries 120000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

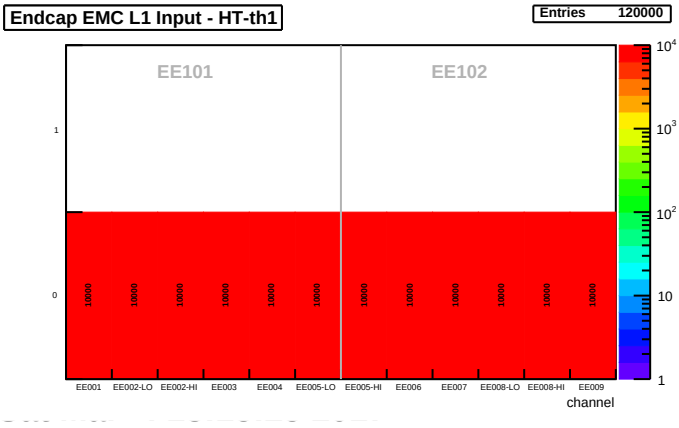

Endcap EMC L1 Input - Low Eta Sum
Entries 689
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

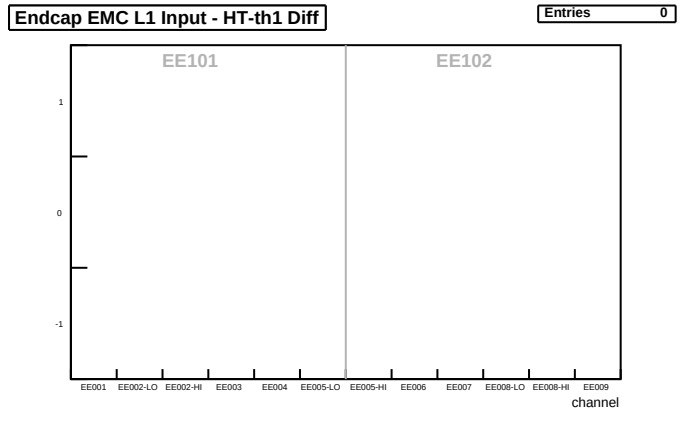

Endcap EMC L1 Input - High Eta Sum
Entries 120000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

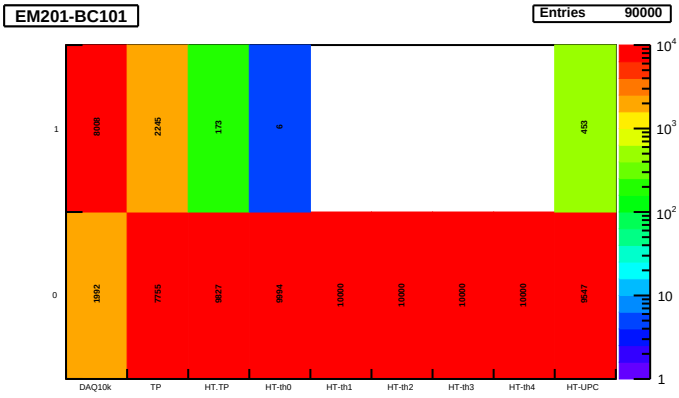

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

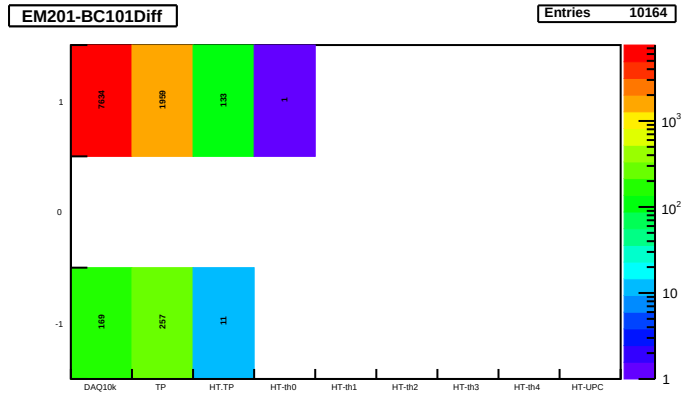

Endcap EMC L1 Input - HT-th0
Entries 120000
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

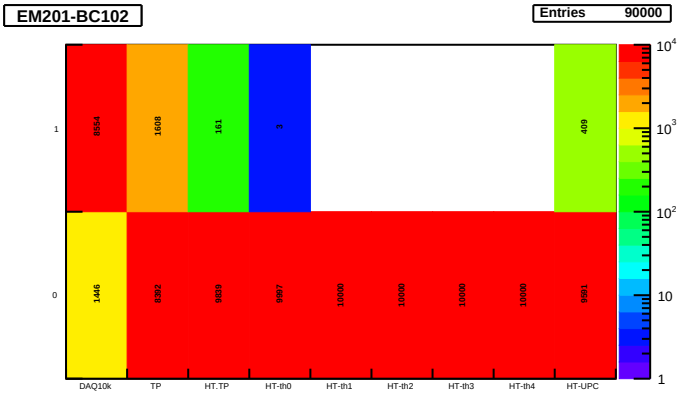

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

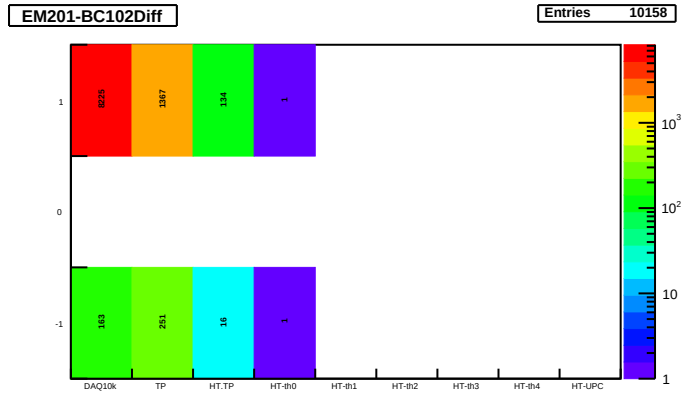

Endcap EMC L1 Input - HT-th1
Entries 120000
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

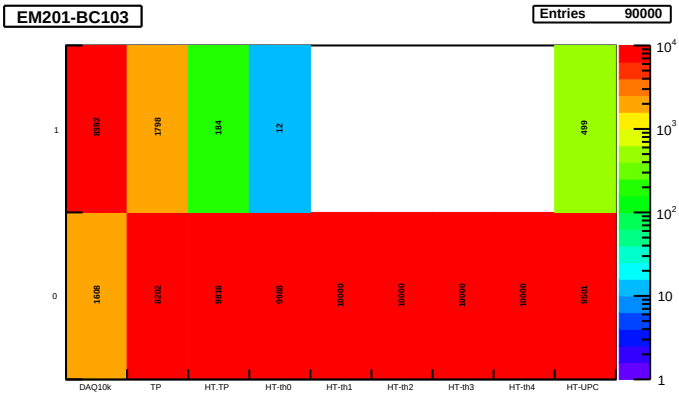

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

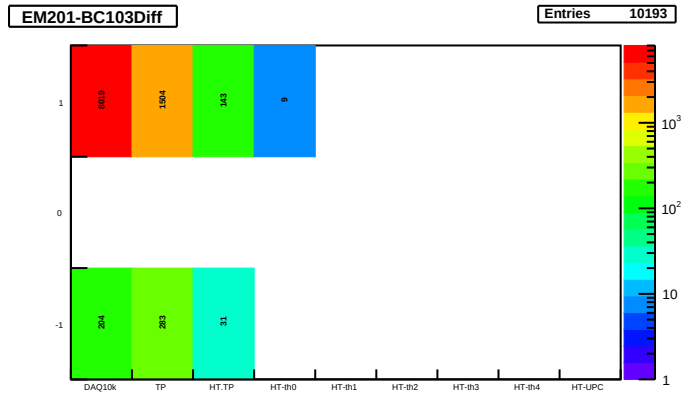

EM201-BC101
Entries 90000
1
0
8008
2245
173
6
453
1992
7755
9827
9994
10000
10000
10000
10000
9547
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

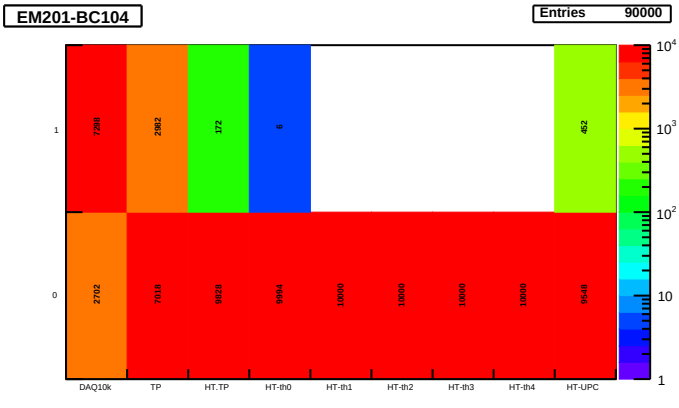

EM201-BC101Diff
Entries 10164
1
0
-1
7634
1959
133
1
169
257
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

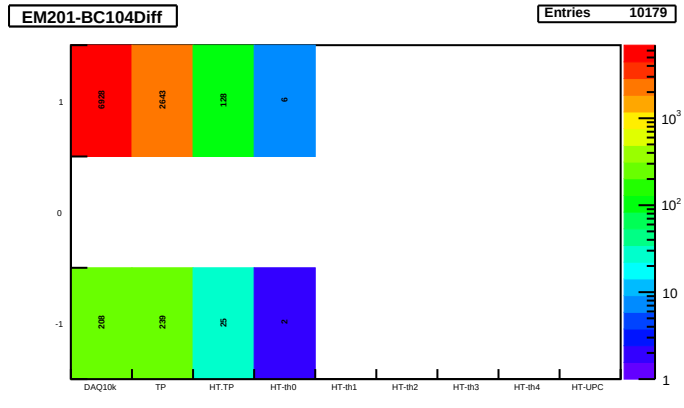

EM201-BC102
Entries 90000
1
0
8554
1608
161
3
409
1446
8392
9839
9997
10000
10000
10000
10000
9591
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

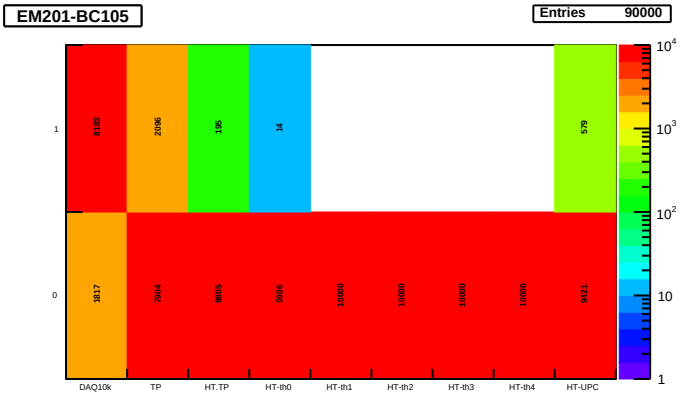

EM201-BC102Diff
Entries 10158
1
0
-1
8225
1367
134
1
163
251
16
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

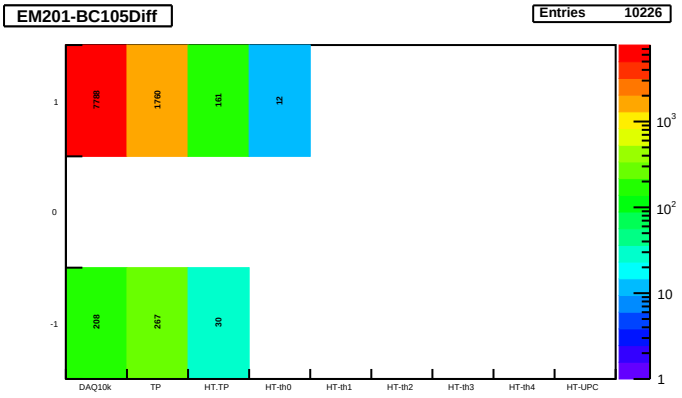

EM201-BC103
Entries 90000
1
0
8392
1798
194
12
499
1608
8202
9816
9988
10000
10000
10000
10000
9501
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

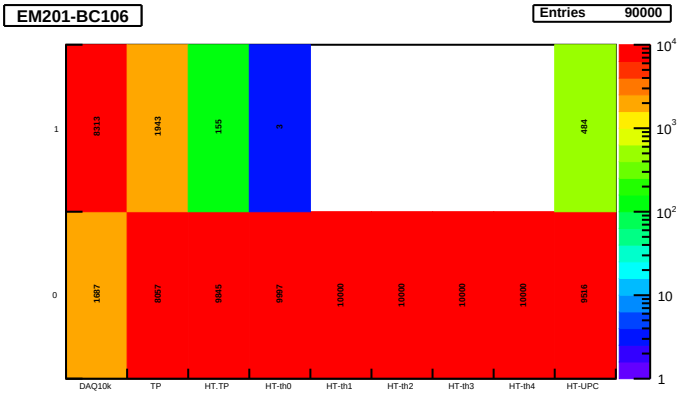

EM201-BC103Diff
Entries 10193
1
0
-1
8019
1904
143
9
204
283
31
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

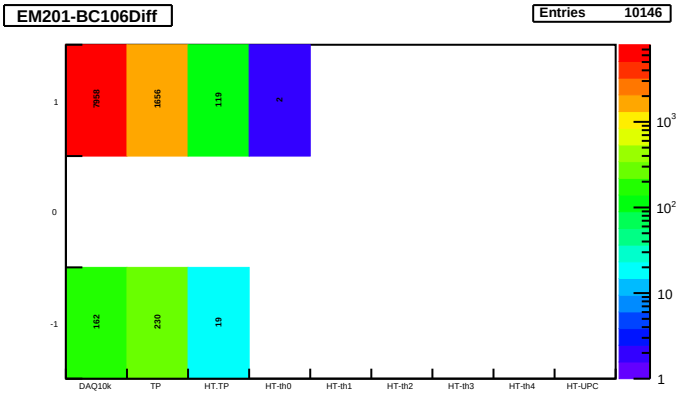

EM201-BC104
Entries 90000
1
0
7298
2982
172
6
452
2702
7018
9828
9994
10000
10000
10000
10000
9548
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

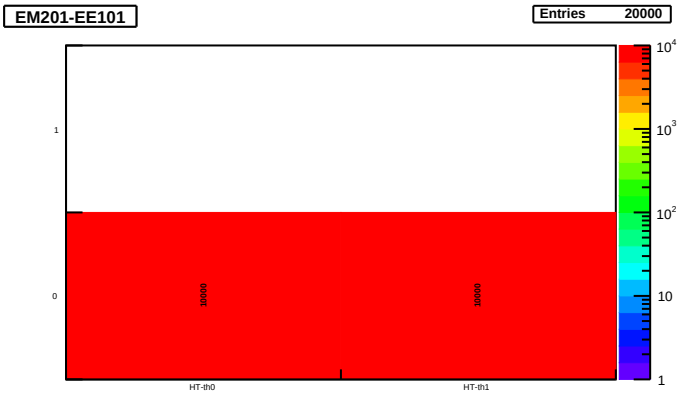

EM201-BC104Diff
Entries 10179
1
0
-1
6928
2643
120
6
208
239
25
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

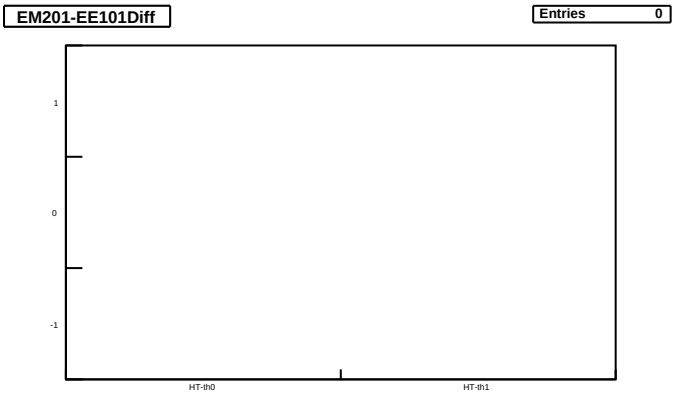

EM201-BC105
Entries 90000
1
0
8183
2096
195
14
579
1817
7904
9805
9986
10000
10000
10000
10000
9421
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

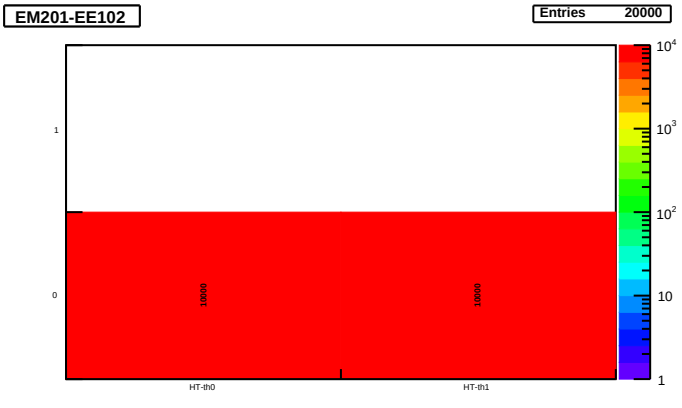

EM201-BC105Diff
Entries 10226
1
0
-1
7738
1760
161
12
208
267
30
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

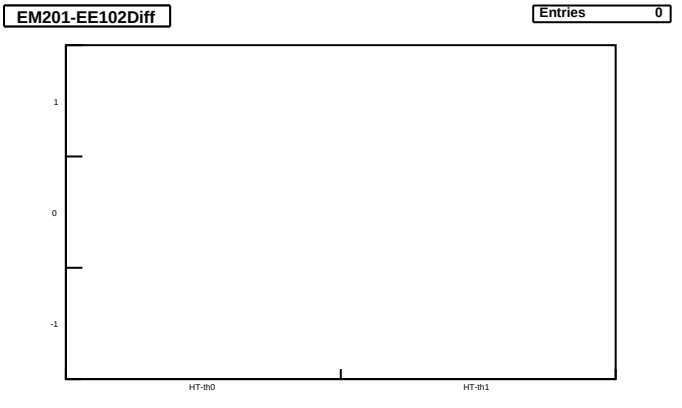

EM201-BC106
Entries 90000
1
0
8313
1943
155
3
484
1687
8057
9845
9997
10000
10000
10000
10000
9516
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

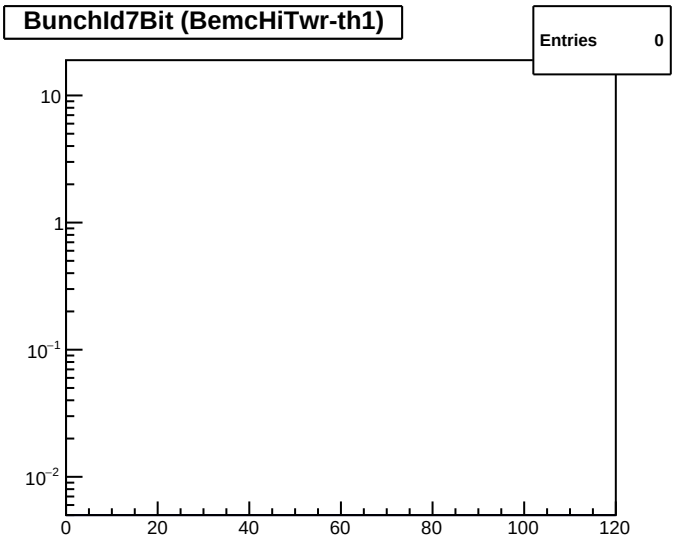

EM201-BC106Diff
Entries 10146
1
0
-1
7958
1656
119
2
162
230
19
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

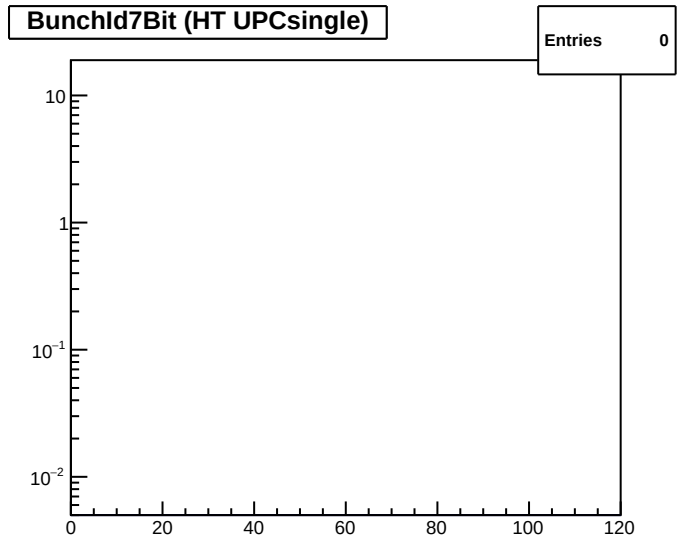

EM201-EE101
Entries 20000
1
0
10000
10000
HT-th0
HT-th1
10^4
10^3
10^2
10
1

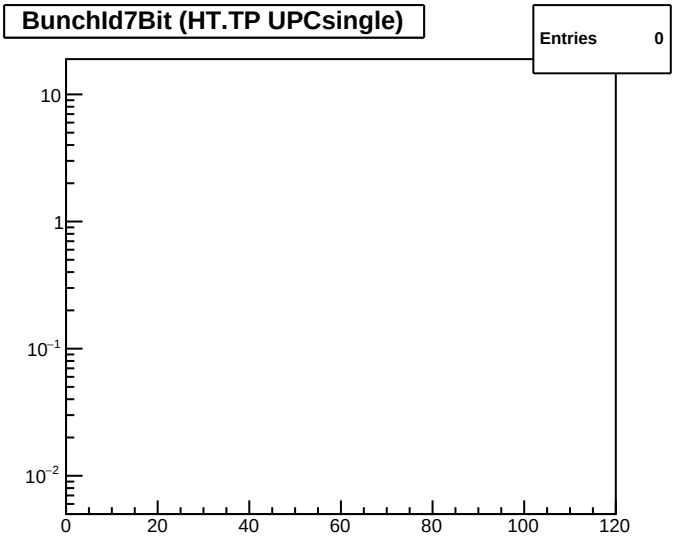

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

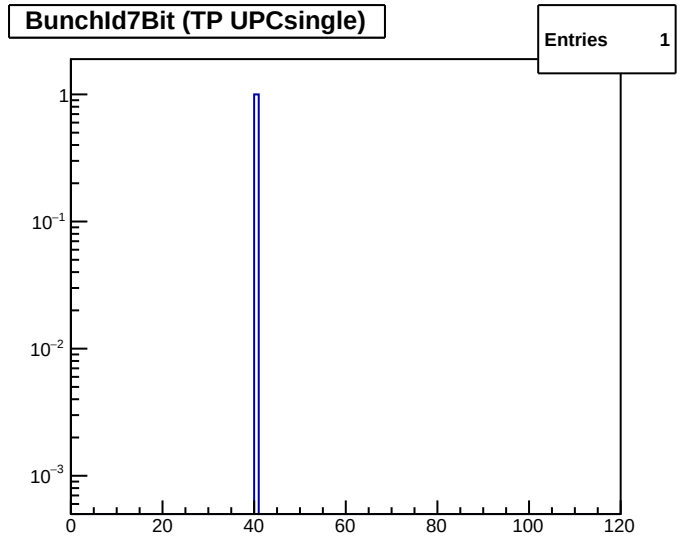

EM201-EE102
Entries 20000
1
0
10000
10000
HT-th0
HT-th1
10^4
10^3
10^2
10
1

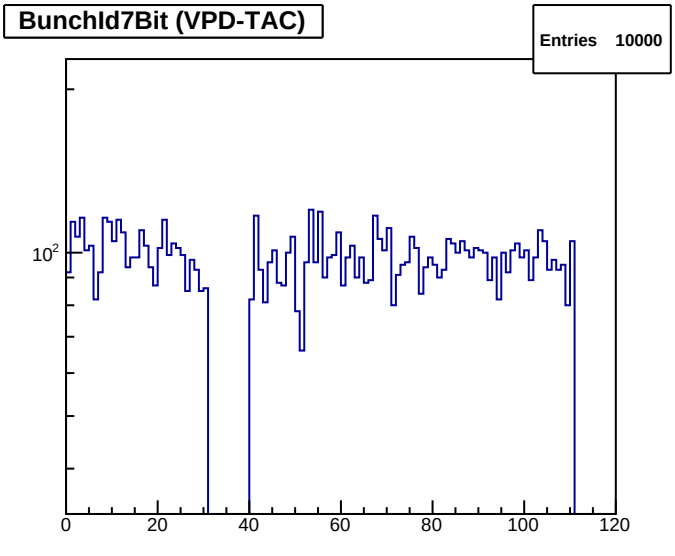

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

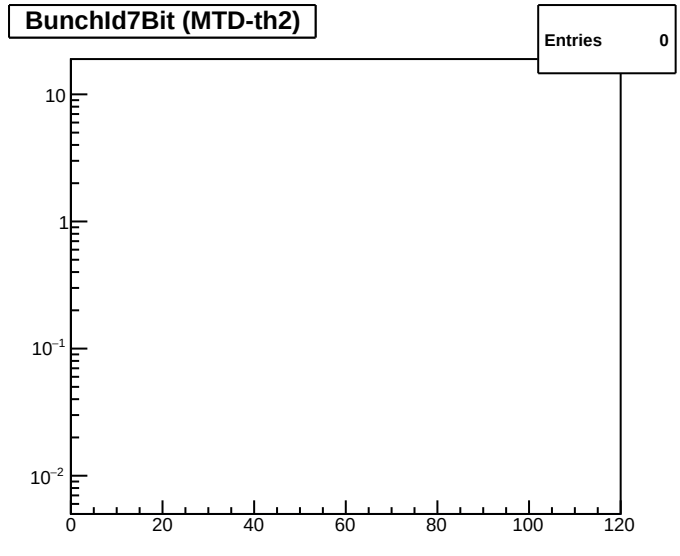

BunchId7Bit (BemcHiTwr-th1)
Entries 0

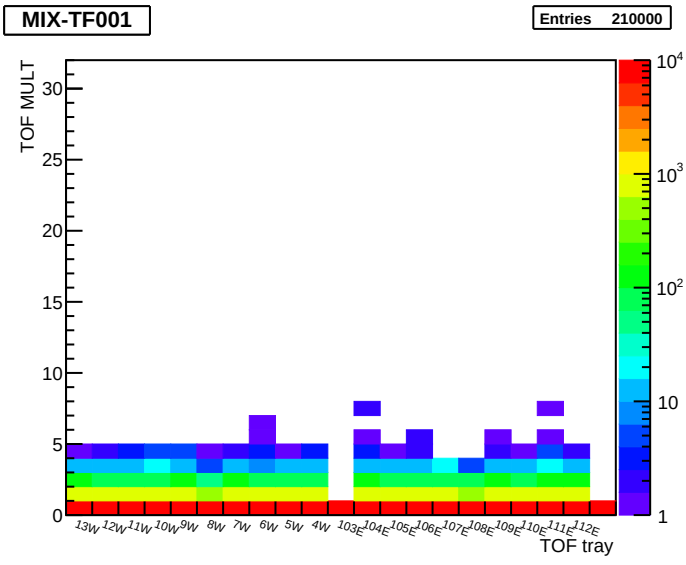

BunchId7Bit (HT UPCsingle)
Entries 0

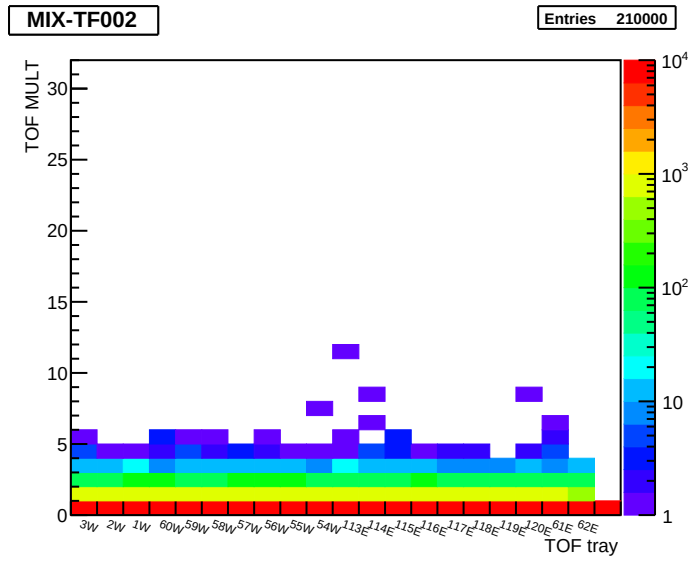

BunchId7Bit (HT.TP UPCsingle)
Entries 0

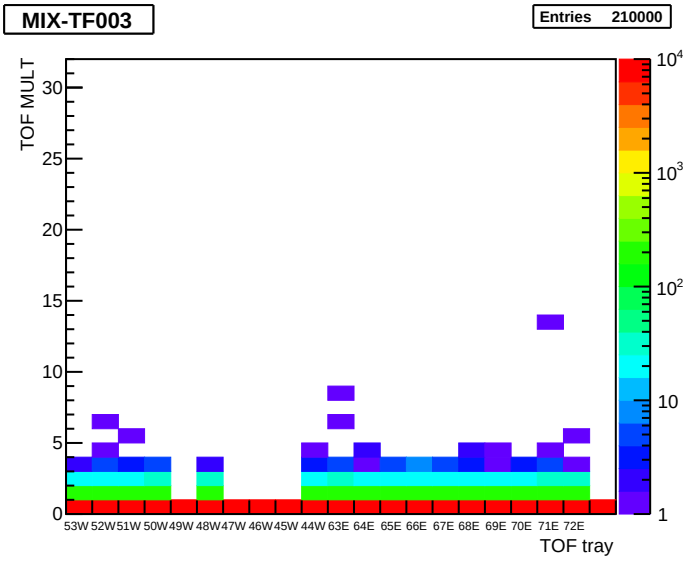

BunchId7Bit (TP UPCsingle)
Entries 1

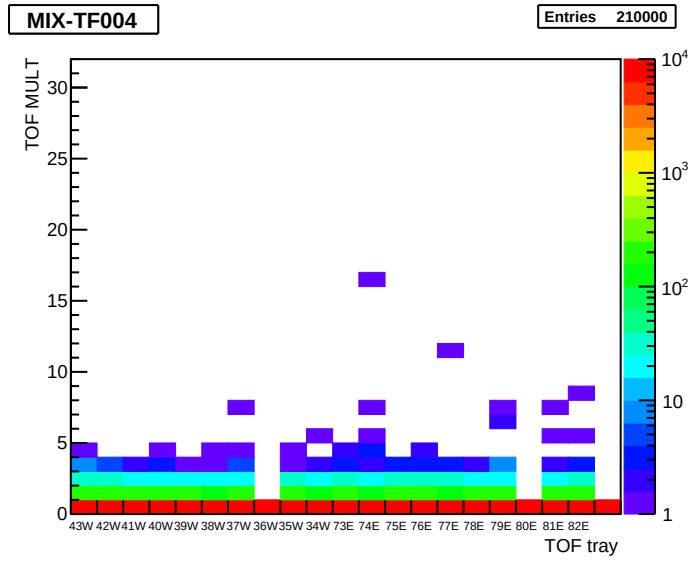

BunchId7Bit (VPD-TAC)
Entries 10000

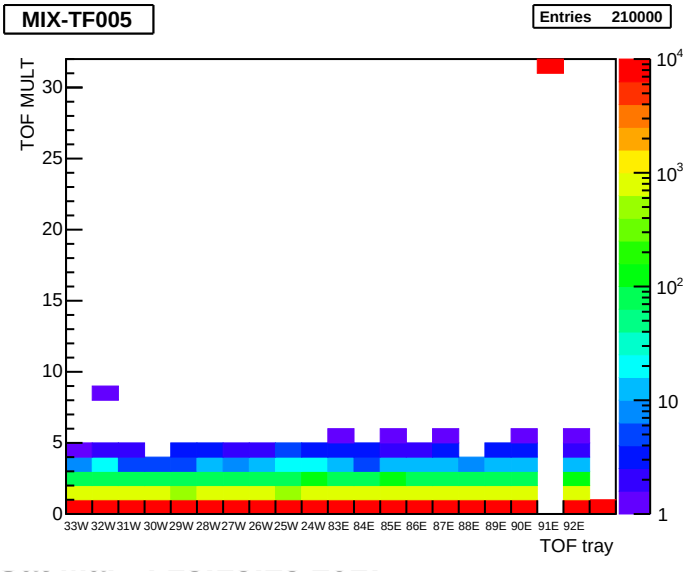

BunchId7Bit (MTD-th2)
Entries 0

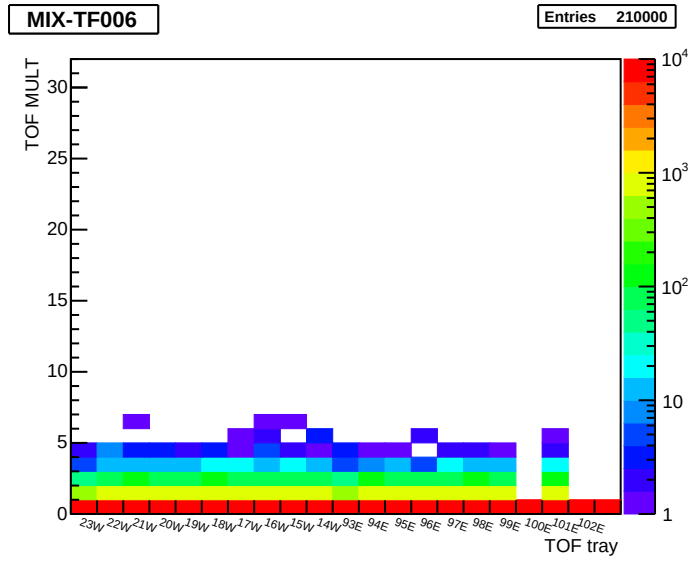

MIX-TF001
Entries 210000
TOF MULT
TOF tray

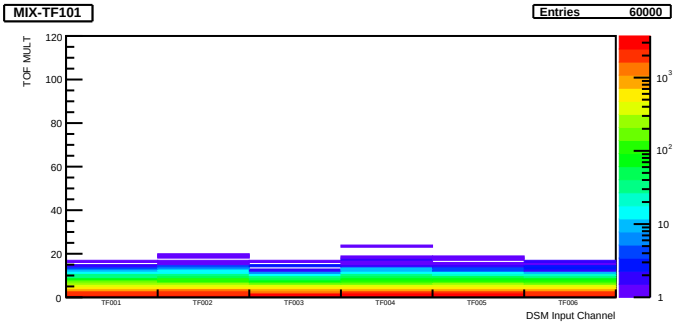

MIX-TF002
Entries 210000
TOF MULT
TOF tray

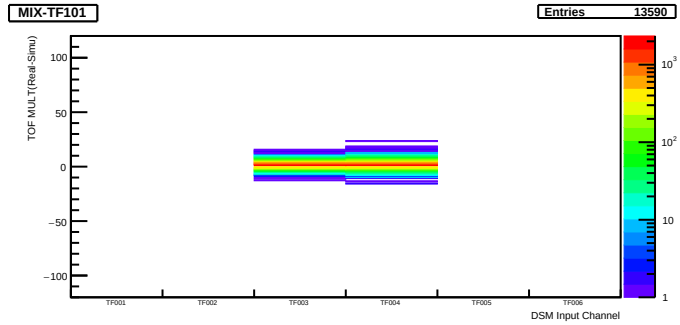

MIX-TF003
Entries 210000
TOF MULT
TOF tray

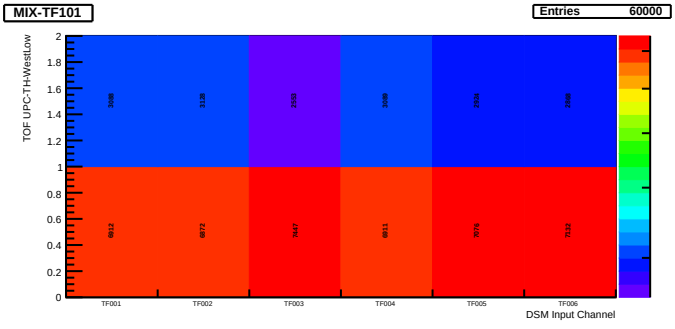

MIX-TF004
Entries 210000
TOF MULT
TOF tray

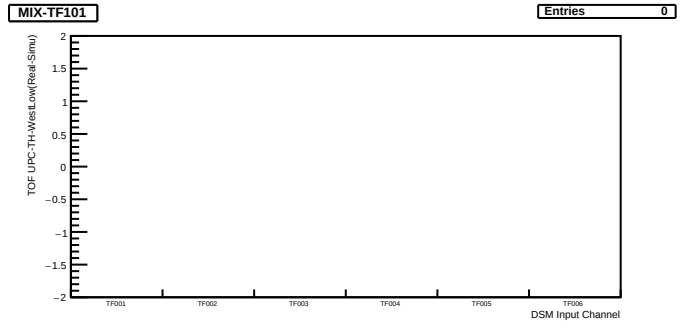

MIX-TF005
Entries 210000
TOF MULT
TOF tray

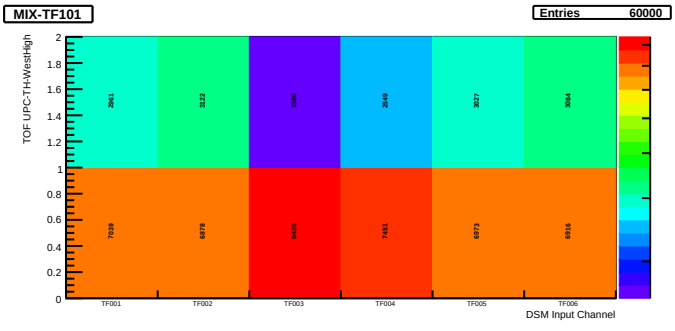

MIX-TF006
Entries 210000
TOF MULT
TOF tray

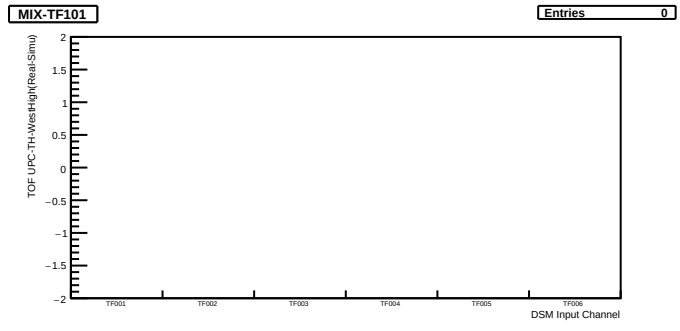

MIX-TF101
Entries 60000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

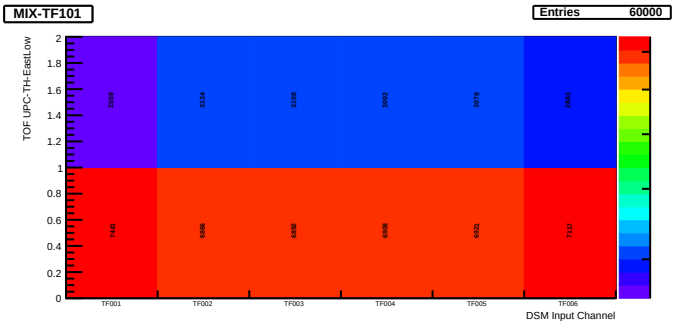

MIX-TF101
Entries 13590
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

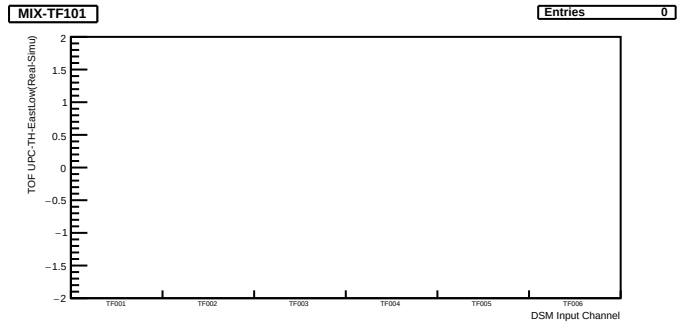

MIX-TF101
Entries 60000
TOF UPC-TH-WestLow
3008
3128
2533
3009
2526
2986
6812
6872
7447
6811
7076
7132
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

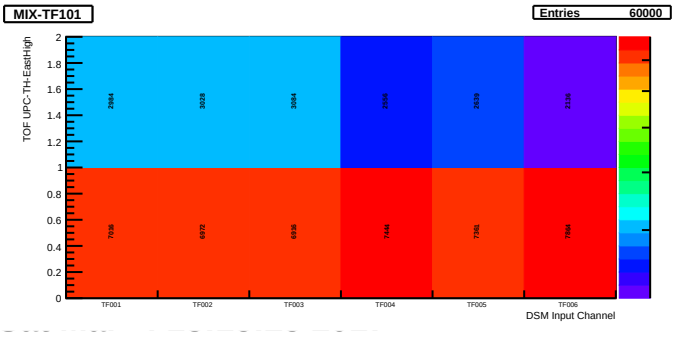

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

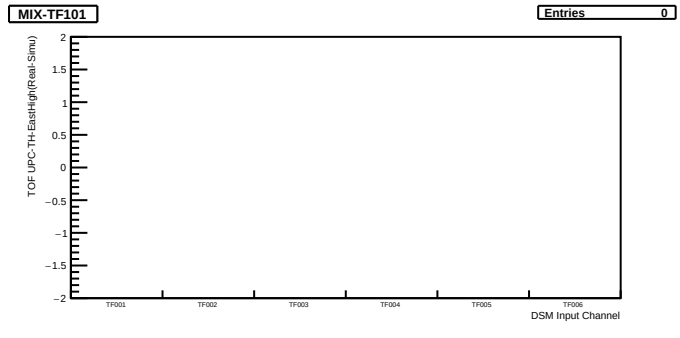

MIX-TF101
Entries 60000
TOF UPC-TH-WestHigh
2961
3122
3530
2549
3027
3084
7039
6878
6420
7451
6973
6916
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

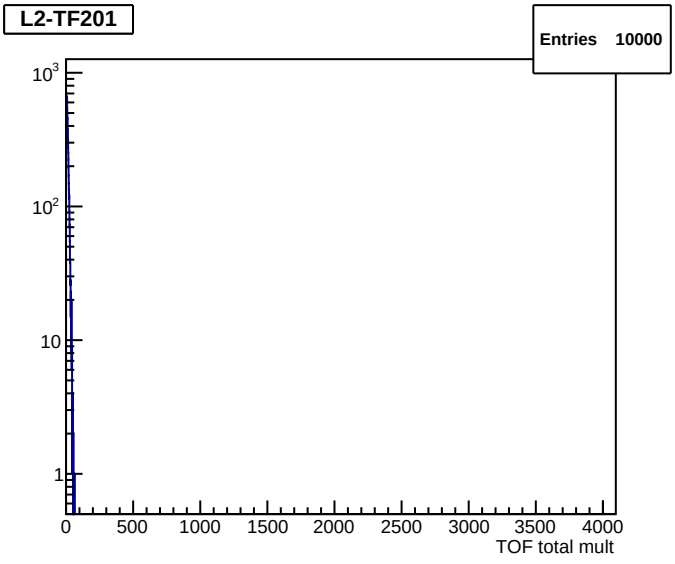

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

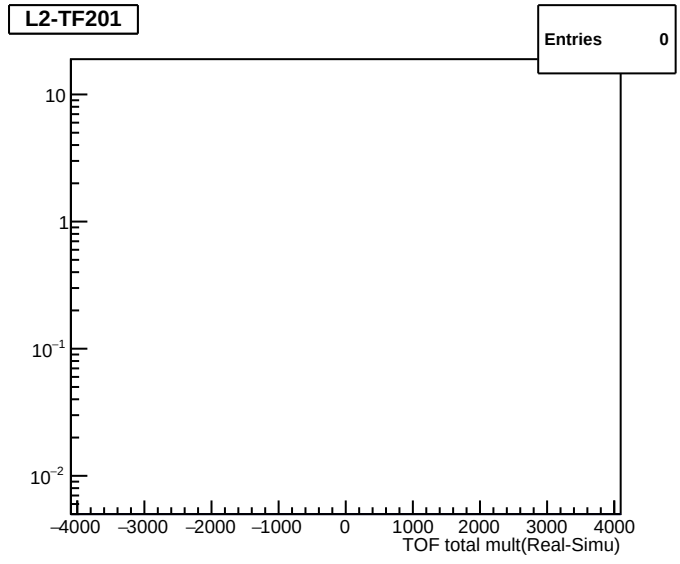

MIX-TF101
Entries 60000
TOF UPC-TH-EastLow
2539
3134
3108
3092
3079
2843
7441
6886
6882
6908
6921
7137
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

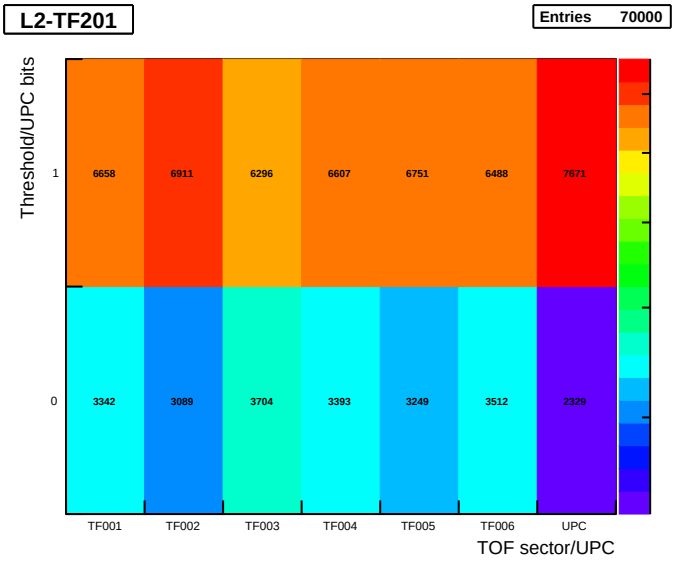

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

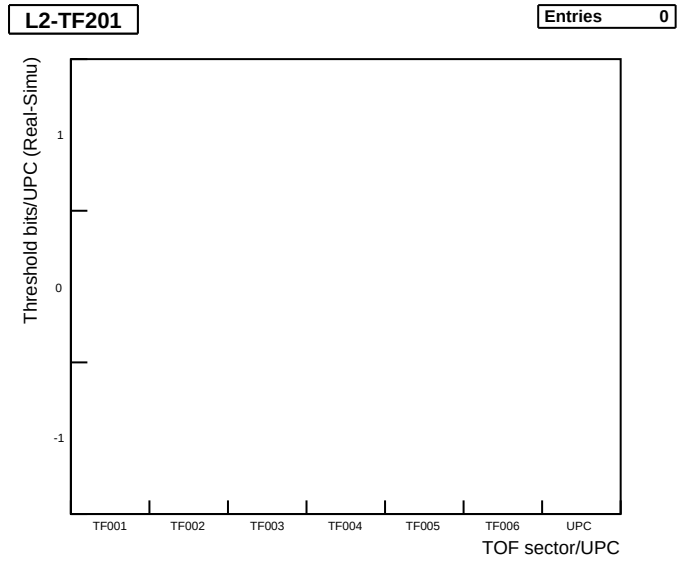

MIX-TF101
Entries 60000
TOF UPC-TH-EastHigh
2984
3028
3084
2556
2539
2135
7076
6972
6936
7444
7281
7984
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

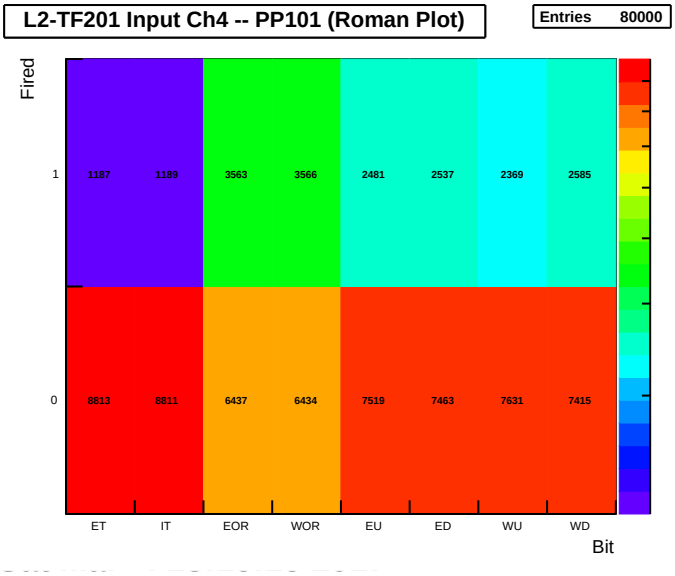

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

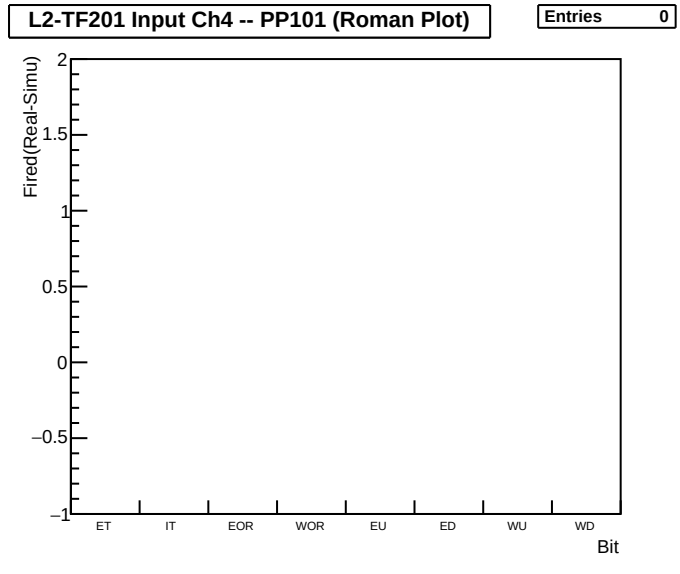

L2-TF201
Entries 10000
TOF total mult

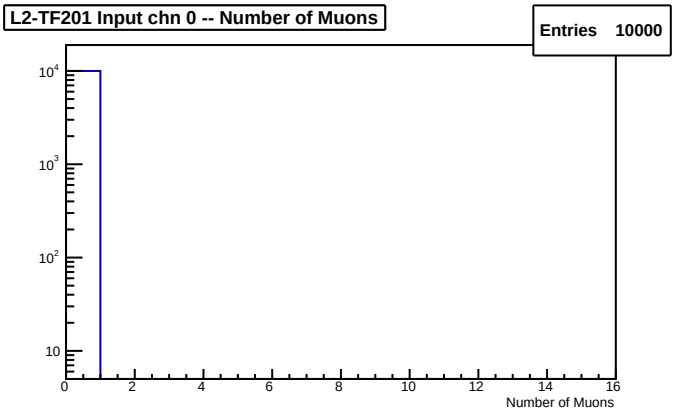

L2-TF201
Entries 0
TOF total mult(Real-Simu)

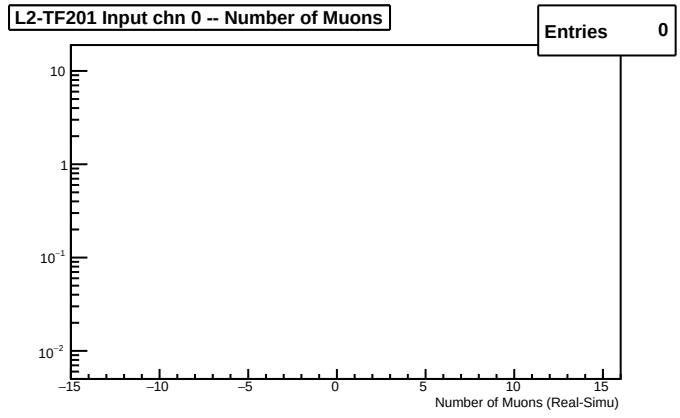

L2-TF201
Entries 70000
Threshold/UPC bits
6658 6911 6296 6607 6751 6488 7671
3342 3089 3704 3393 3249 3512 2329
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

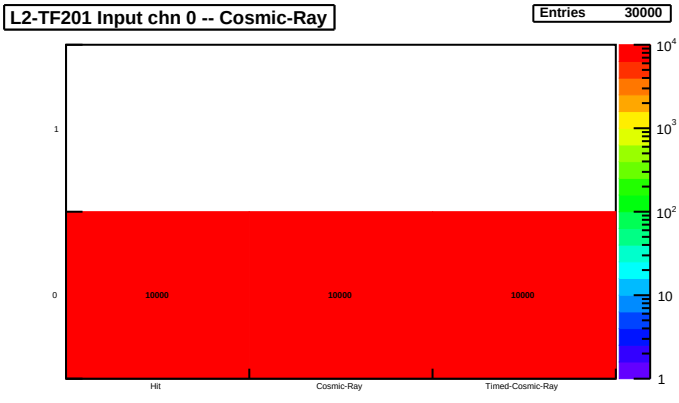

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

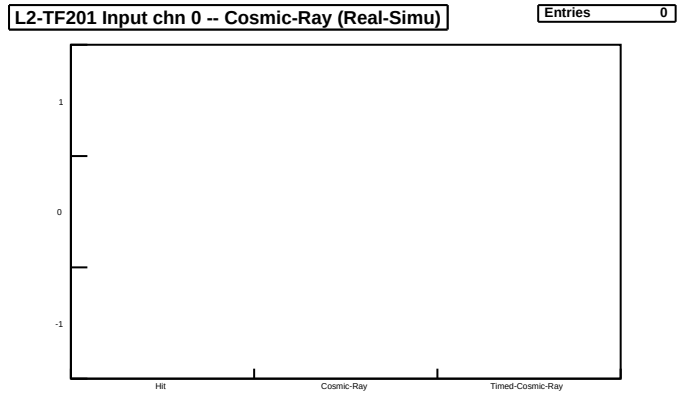

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 80000
Fired
1187 1189 3563 3566 2481 2537 2369 2585
8813 8811 6437 6434 7519 7463 7631 7415
ET IT EOR WOR EU ED WU WD
Bit

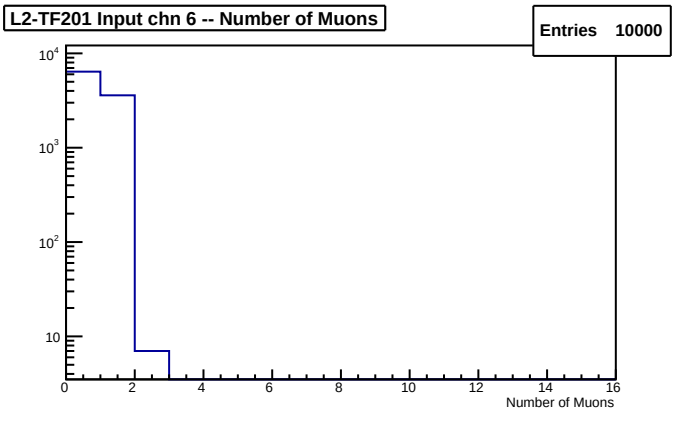

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

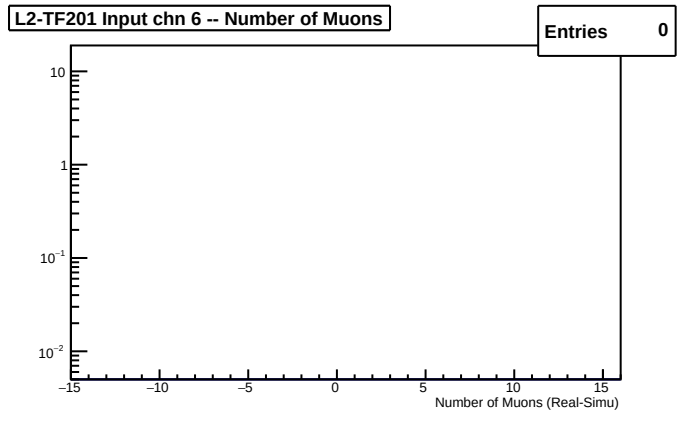

L2-TF201 Input chn 0 -- Number of Muons
Entries 10000
Number of Muons

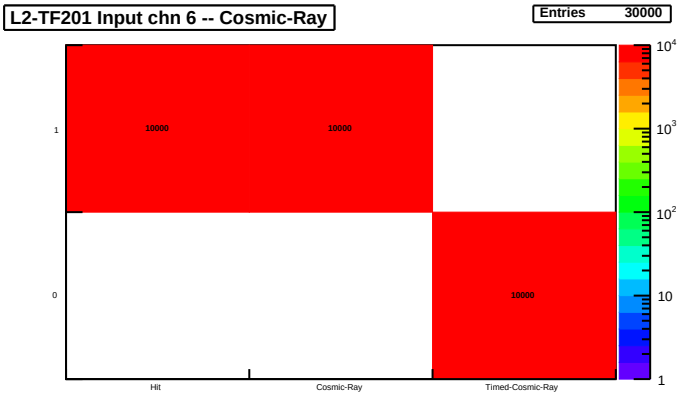

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

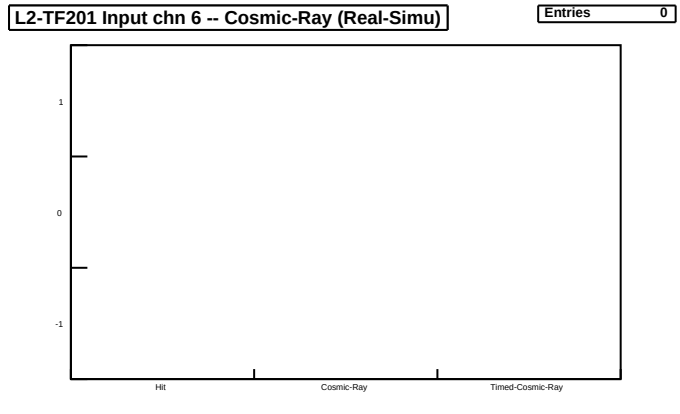

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 30000
10000
10000
10000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

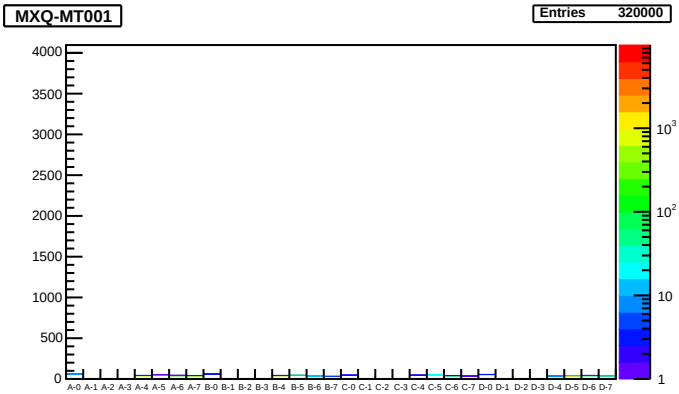

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

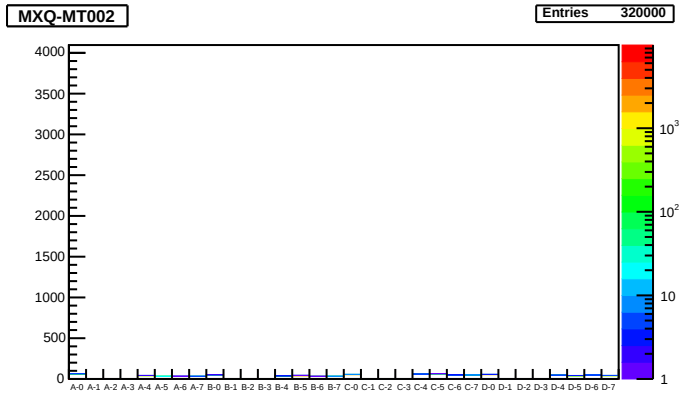

L2-TF201 Input chn 6 -- Number of Muons
Entries 10000
Number of Muons

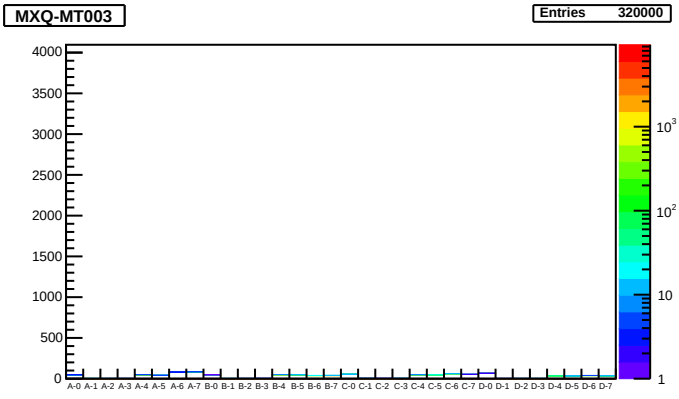

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

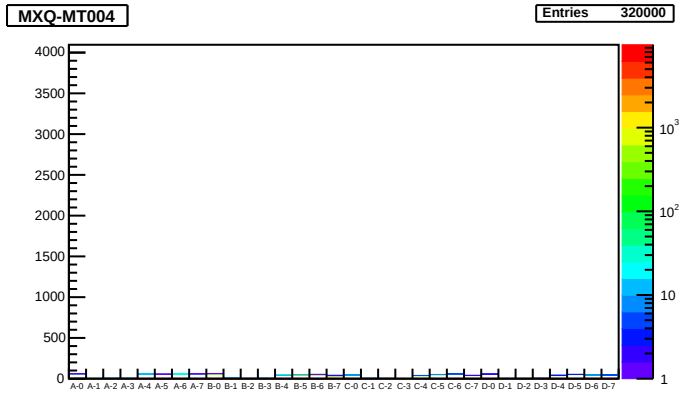

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 30000
10000
10000
10000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

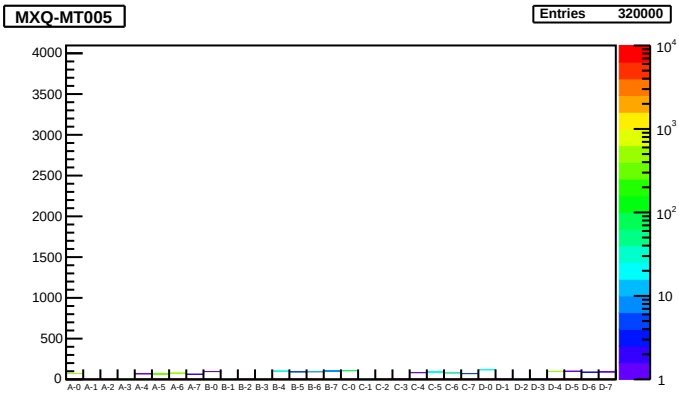

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

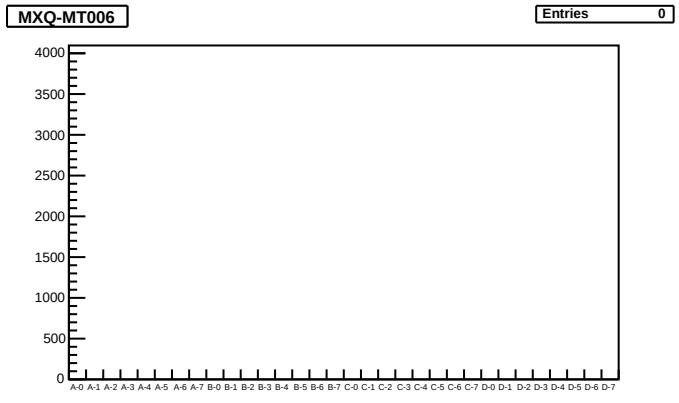

MXQ-MT001
Entries 320000

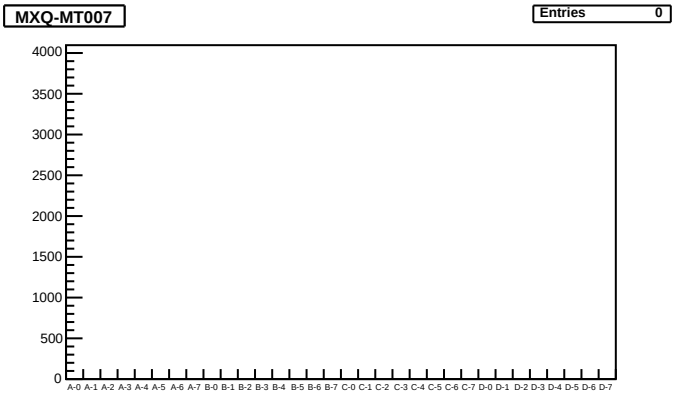

MXQ-MT002
Entries 320000

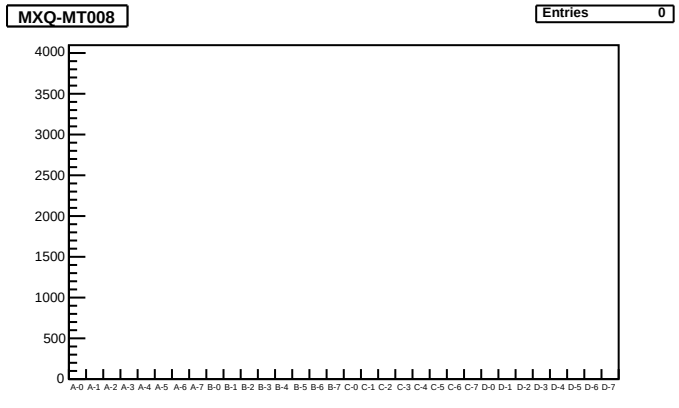

MXQ-MT003
Entries 320000

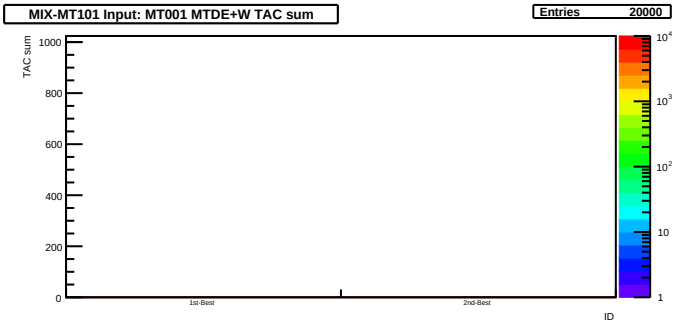

MXQ-MT004
Entries 320000

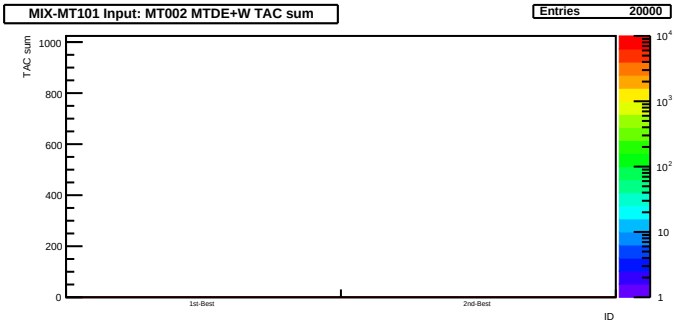

MXQ-MT005
Entries 320000

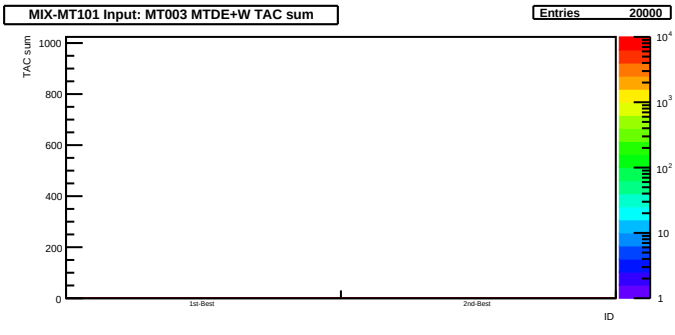

MXQ-MT006
Entries 0

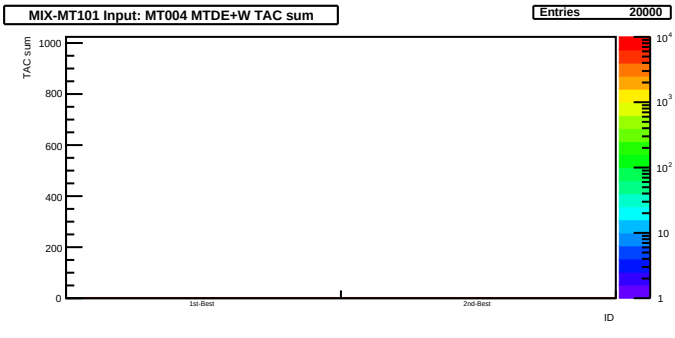

MXQ-MT007
Entries 0

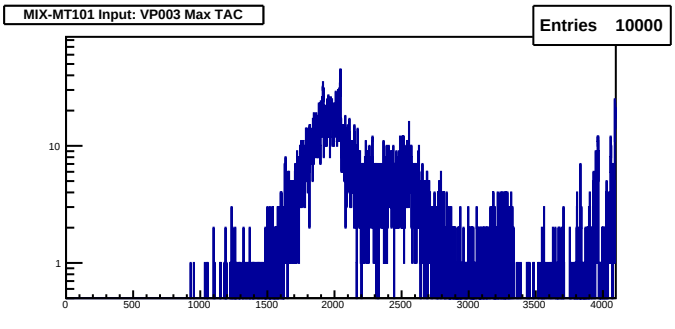

MXQ-MT008
Entries 0

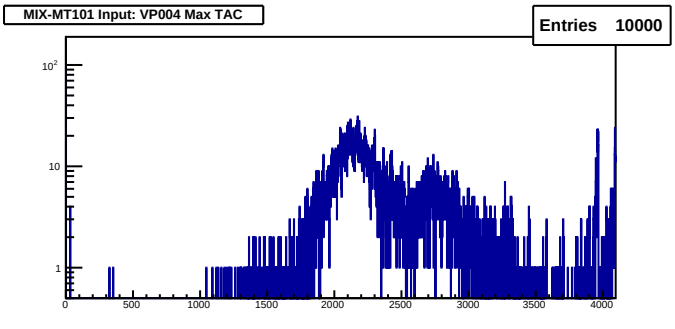

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

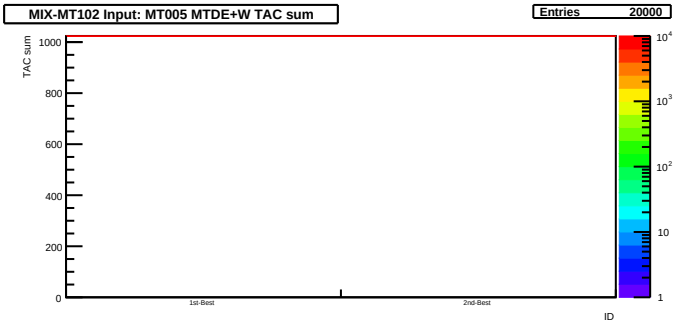

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

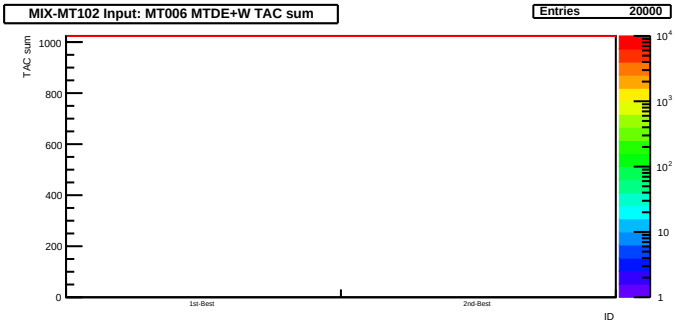

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

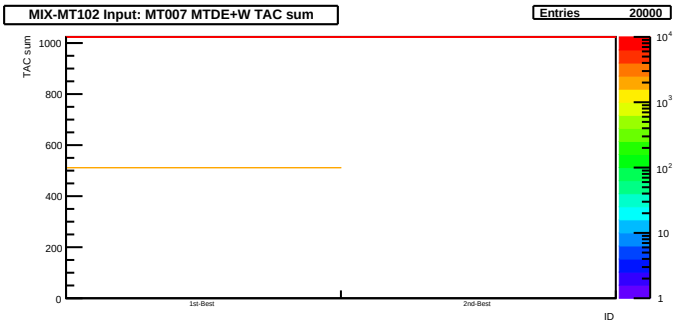

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

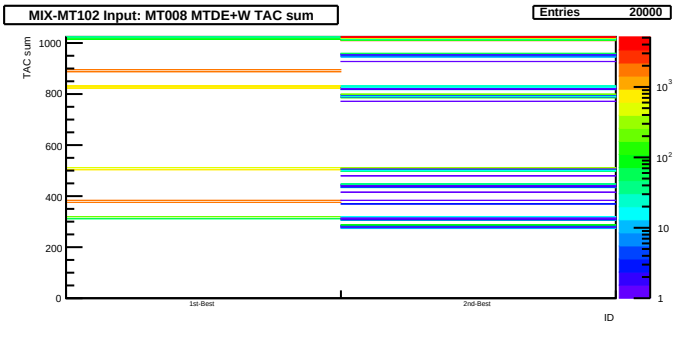

MIX-MT101 Input: VP003 Max TAC
Entries 10000

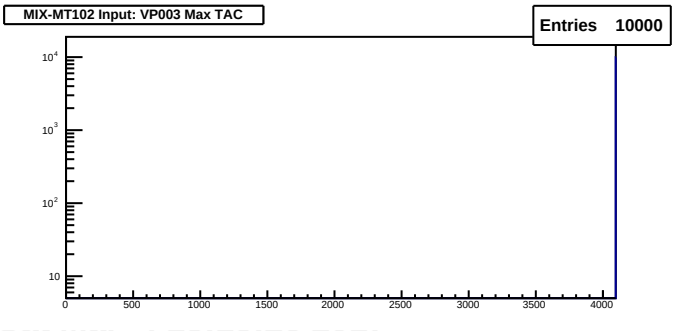

MIX-MT101 Input: VP004 Max TAC
Entries 10000

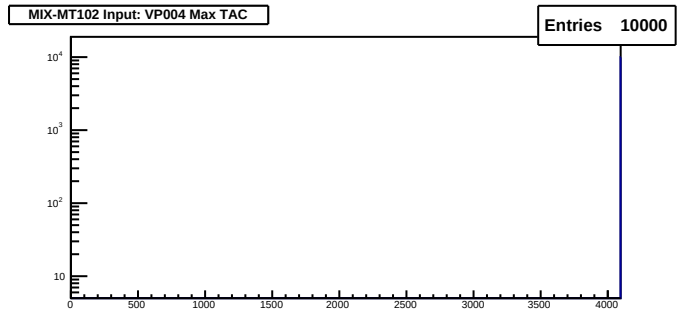

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

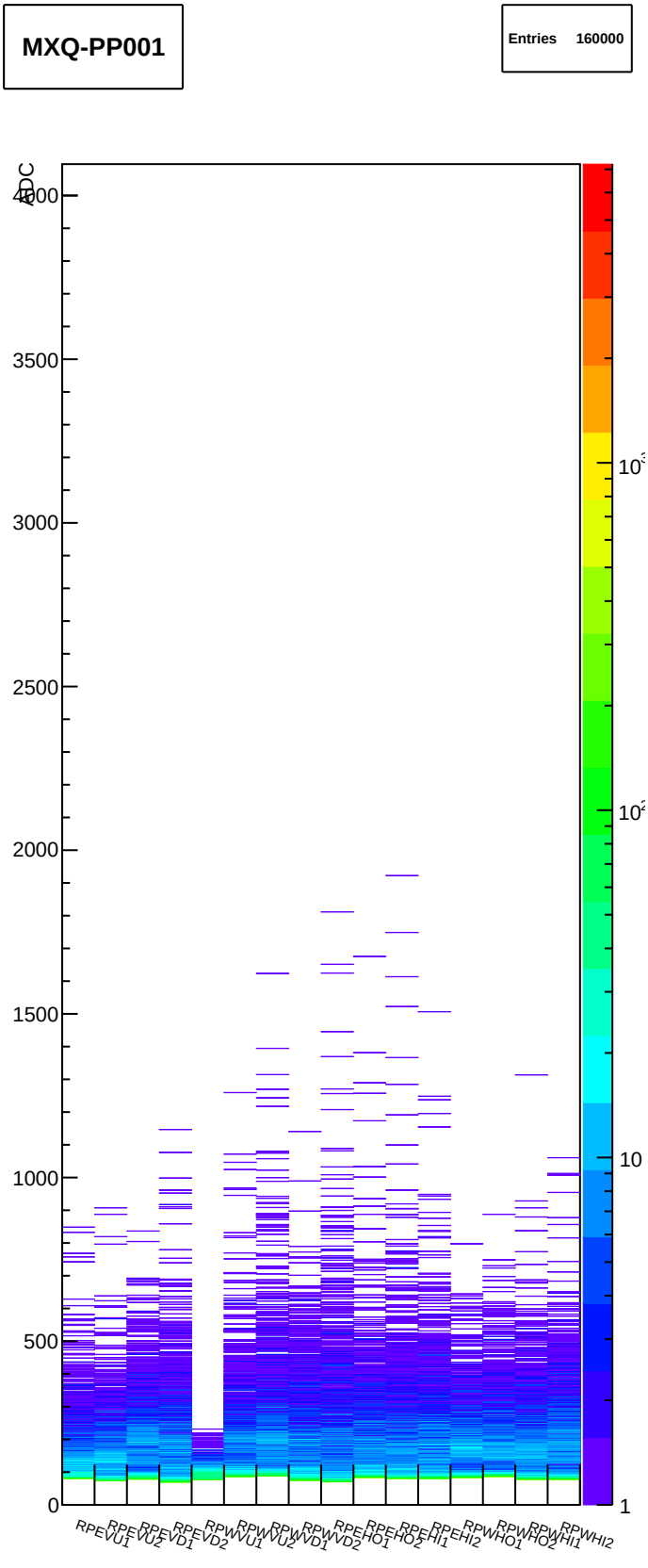

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

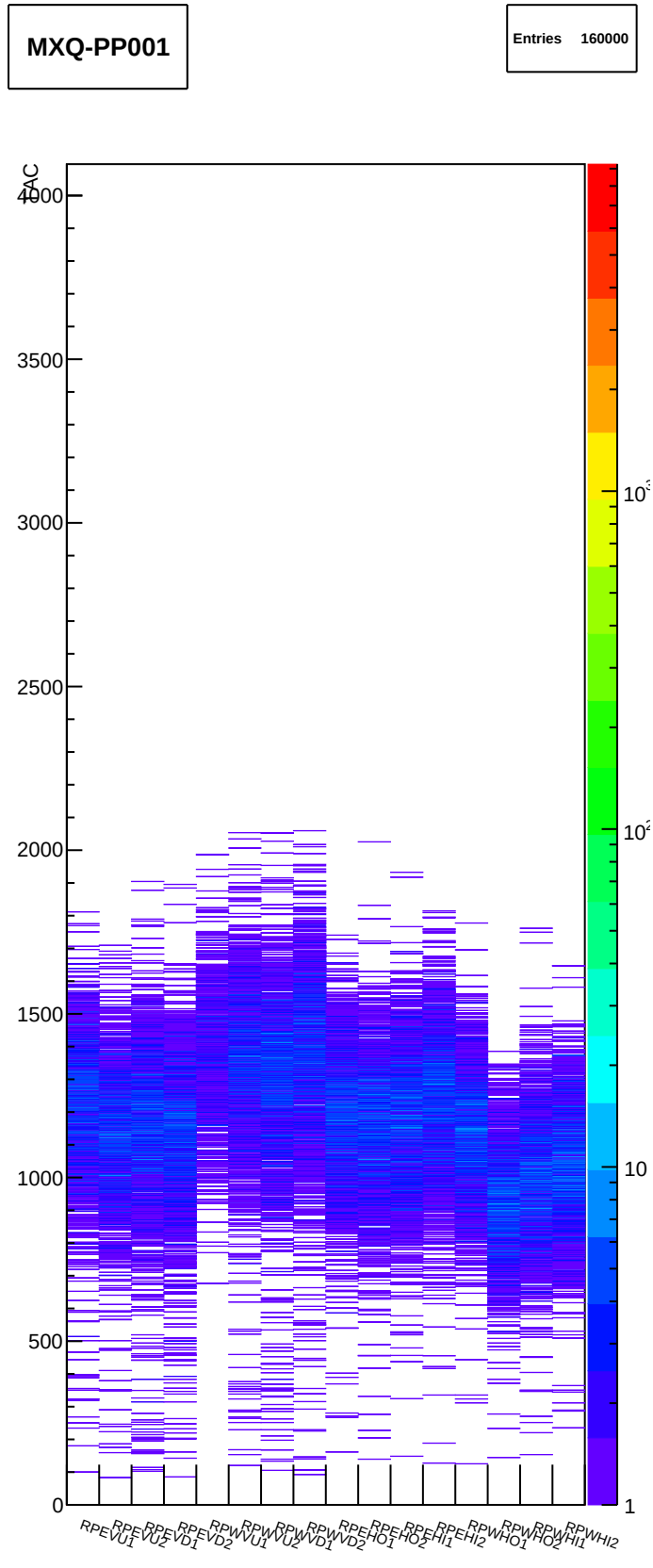

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

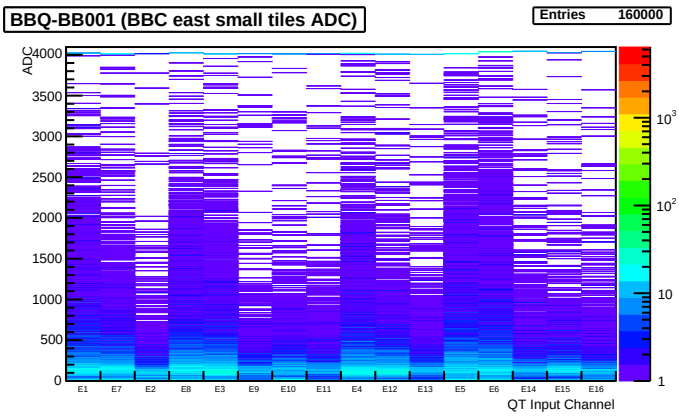

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

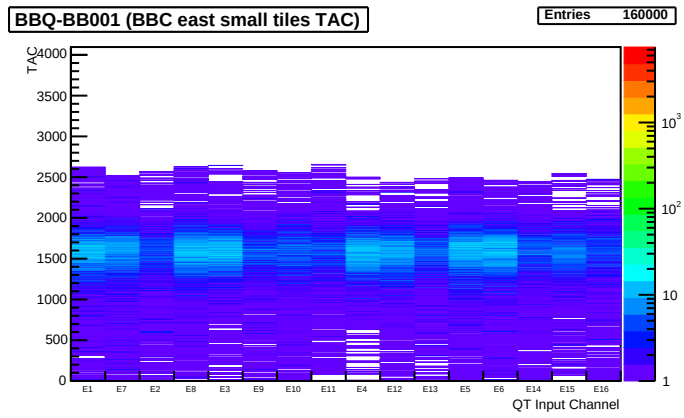

MIX-MT102 Input: VP003 Max TAC
Entries 10000

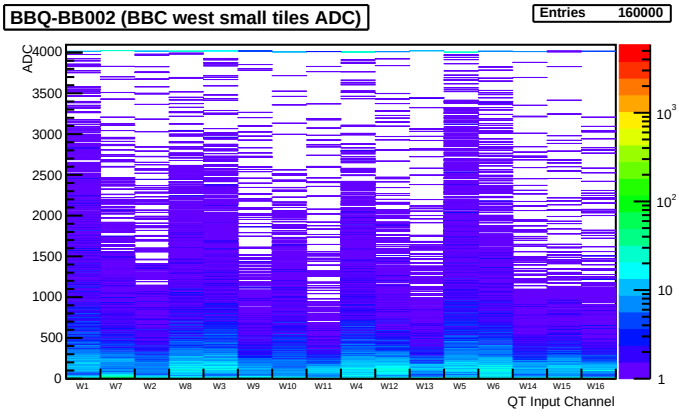

MIX-MT102 Input: VP004 Max TAC
Entries 10000

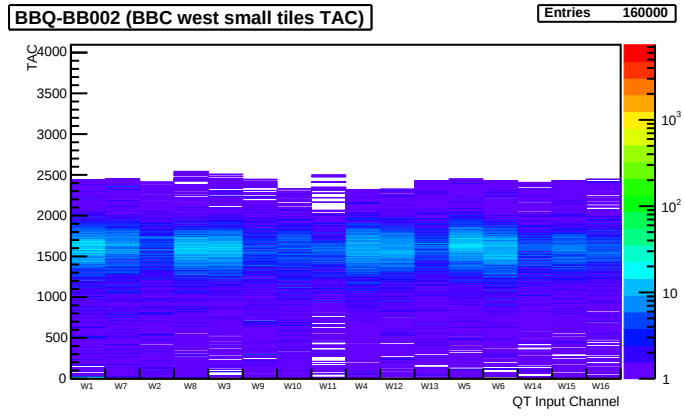

MXQ-PP001
Entries 160000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

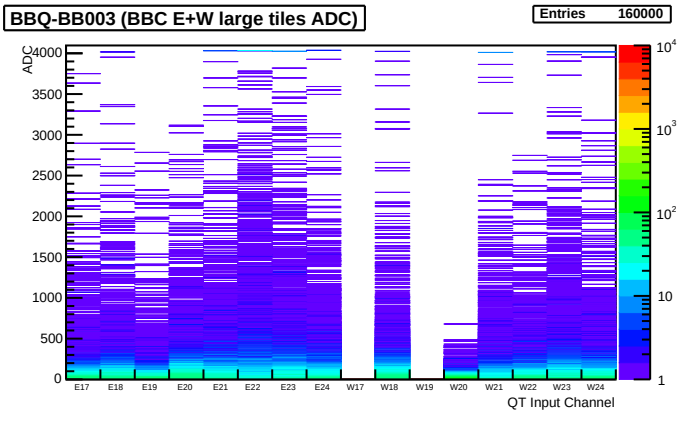

MXQ-PP001
Entries 160000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

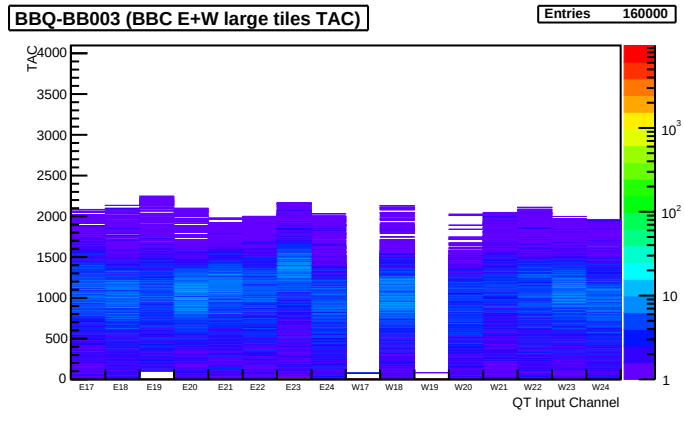

BBQ-BB001 (BBC east small tiles ADC)
Entries 160000
ADC
QT Input Channel

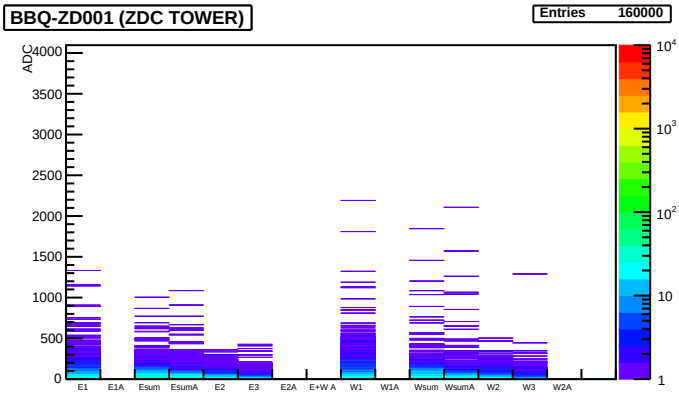

BBQ-BB001 (BBC east small tiles TAC)
Entries 160000
TAC
QT Input Channel

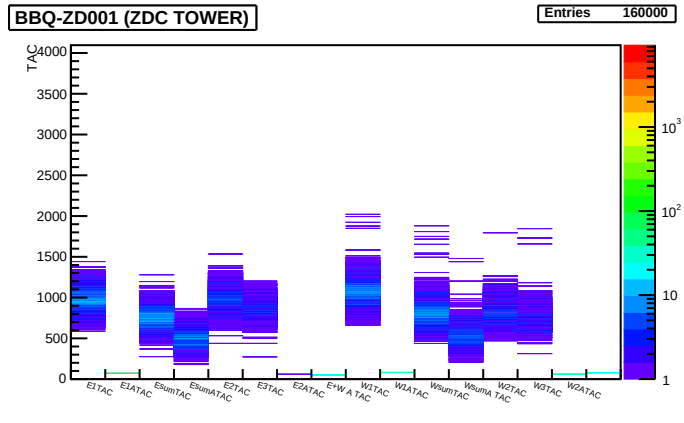

BBQ-BB002 (BBC west small tiles ADC)
Entries 160000
ADC
QT Input Channel

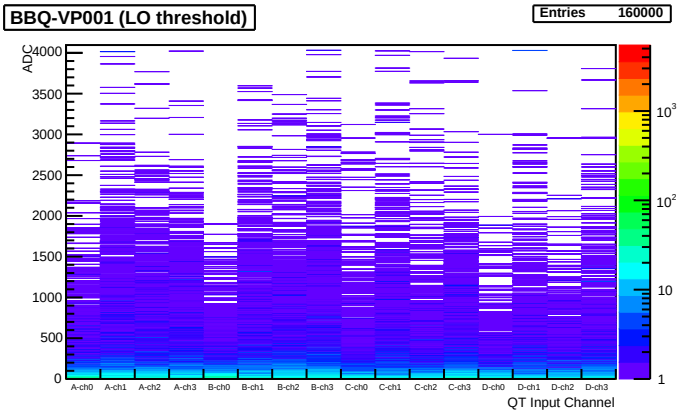

BBQ-BB002 (BBC west small tiles TAC)
Entries 160000
TAC
QT Input Channel

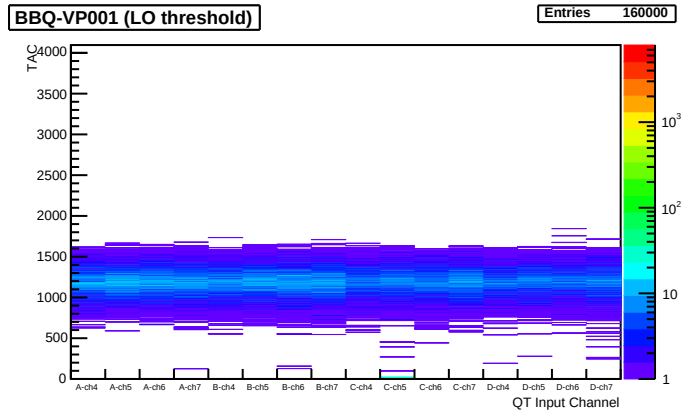

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 160000
ADC
QT Input Channel

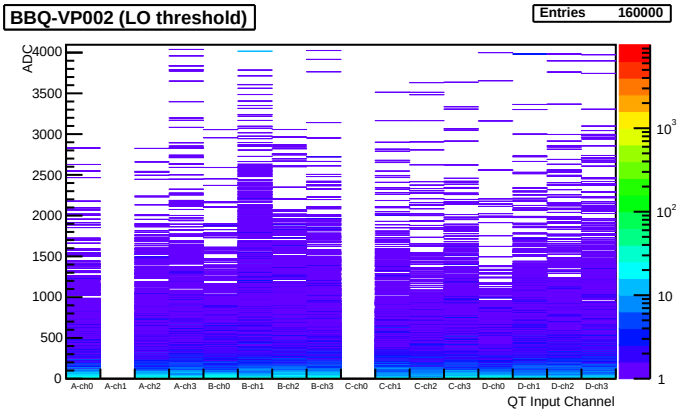

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 160000
TAC
QT Input Channel

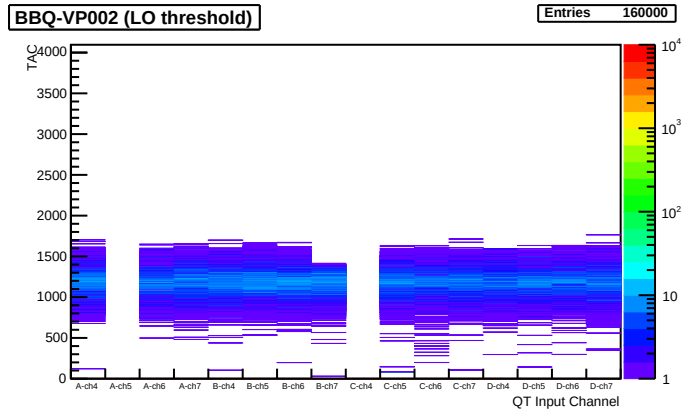

BBQ-ZD001 (ZDC TOWER)
Entries 160000
ADC

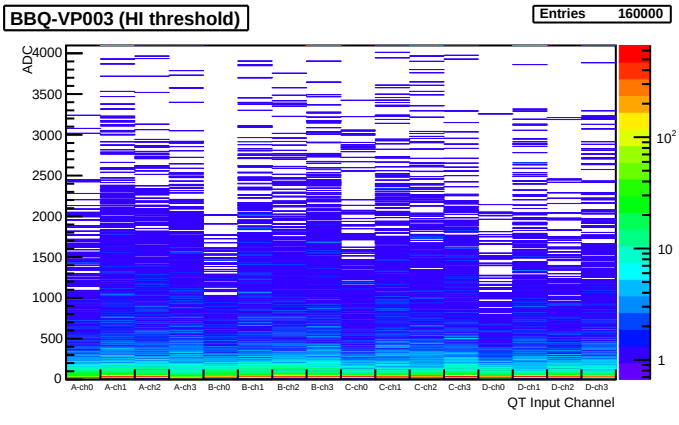

BBQ-ZD001 (ZDC TOWER)
Entries 160000
TAC

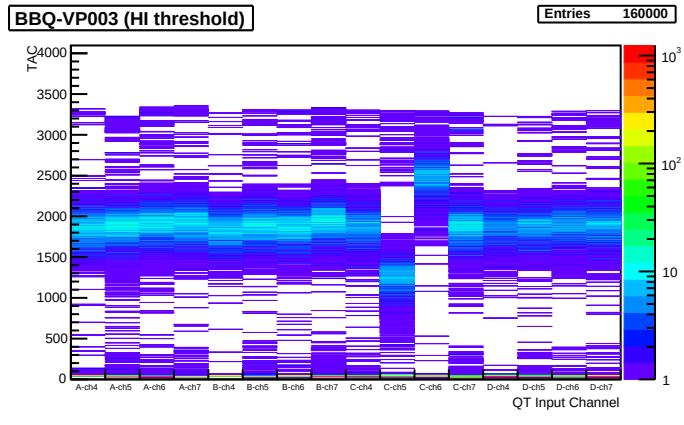

BBQ-VP001 (LO threshold)
Entries 160000
ADC
QT Input Channel

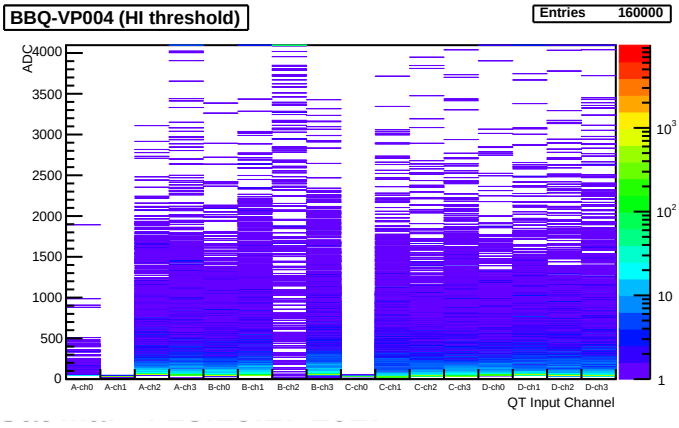

BBQ-VP001 (LO threshold)
Entries 160000
TAC
QT Input Channel

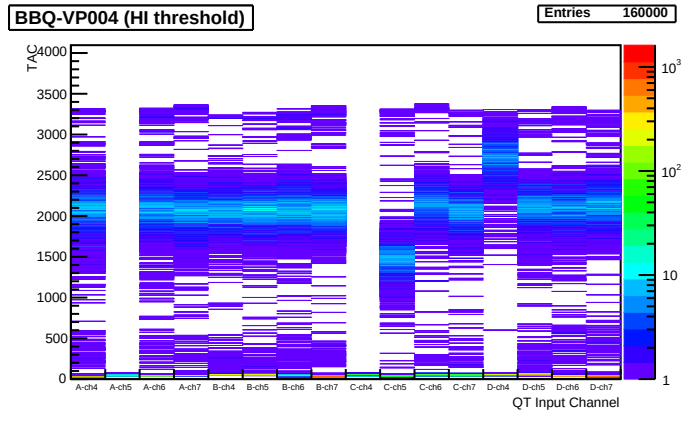

BBQ-VP002 (LO threshold)
Entries 160000
ADC
QT Input Channel

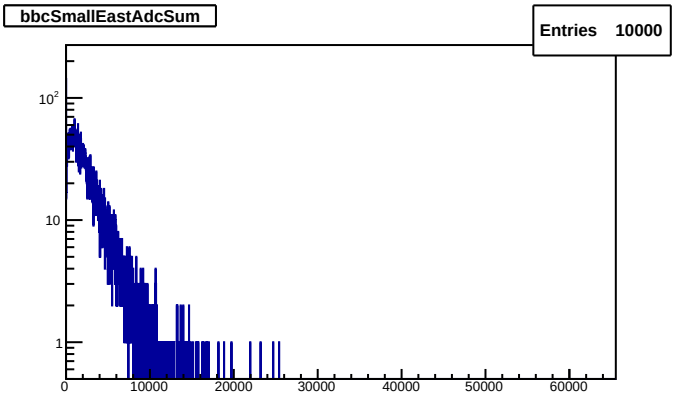

BBQ-VP002 (LO threshold)
Entries 160000
TAC
QT Input Channel

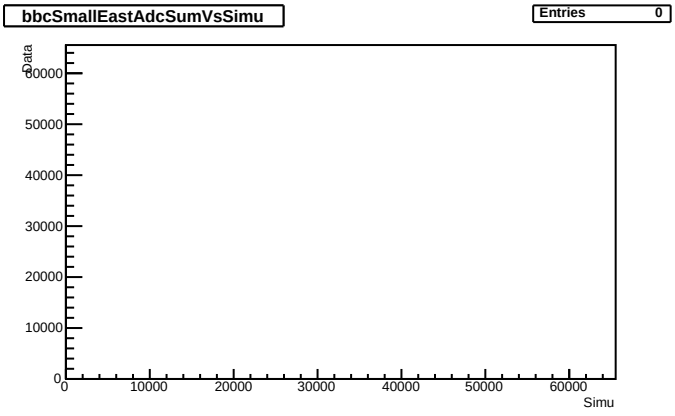

BBQ-VP003 (HI threshold)
Entries 160000
ADC
QT Input Channel

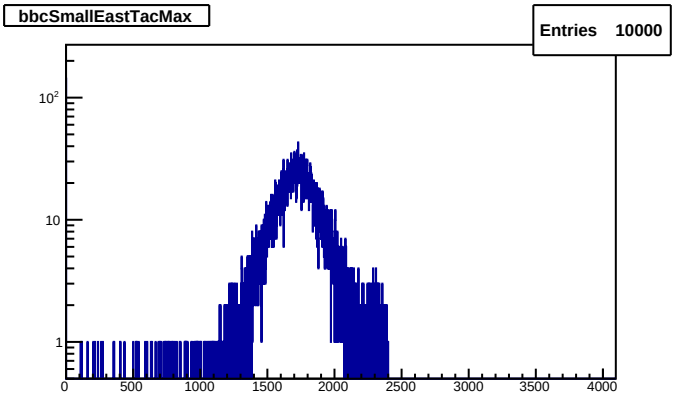

BBQ-VP003 (HI threshold)
Entries 160000
TAC
QT Input Channel

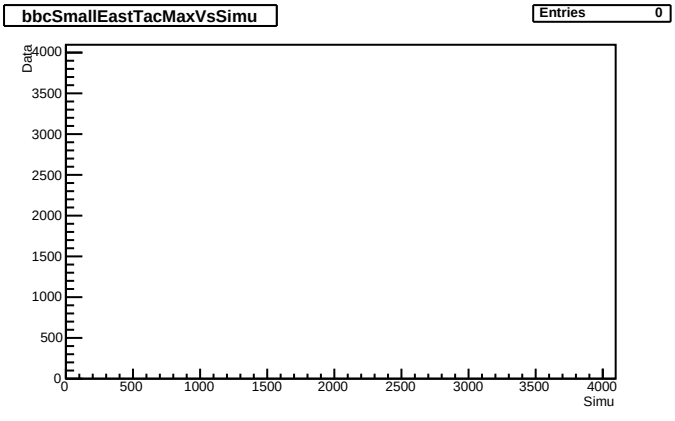

BBQ-VP004 (HI threshold)
Entries 160000
ADC
QT Input Channel

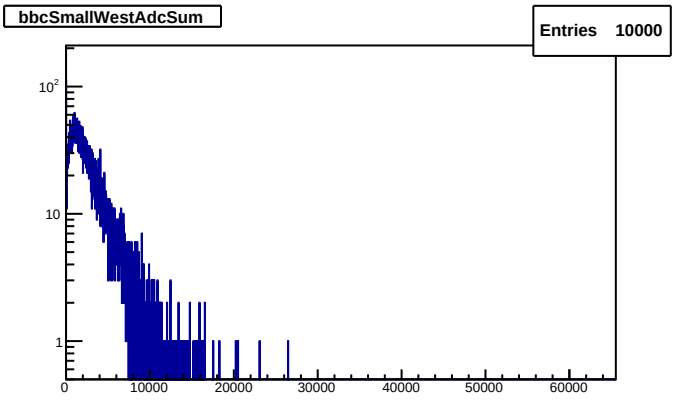

BBQ-VP004 (HI threshold)
Entries 160000
TAC
QT Input Channel

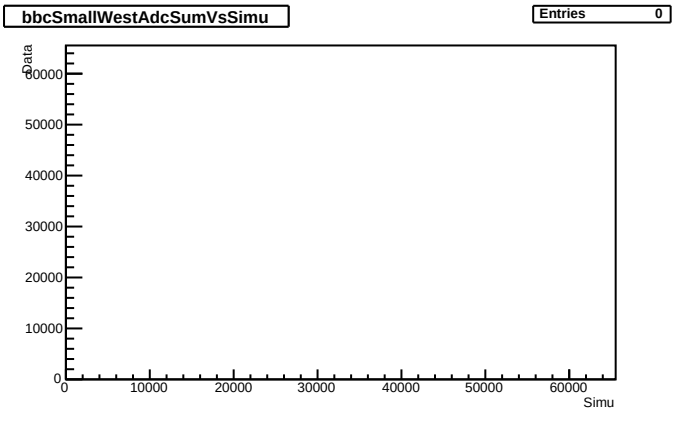

bbcSmallEastAdcSum
Entries 10000

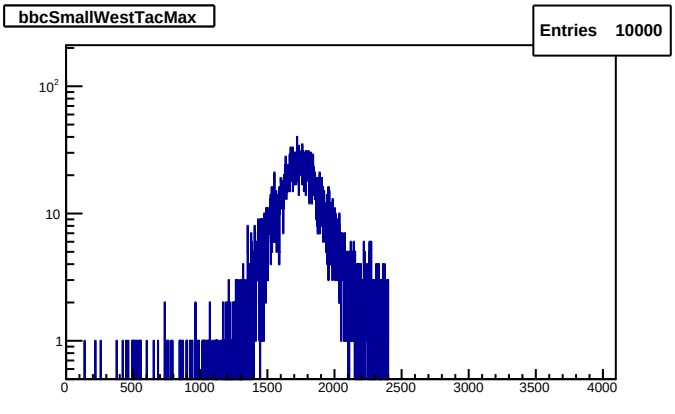

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

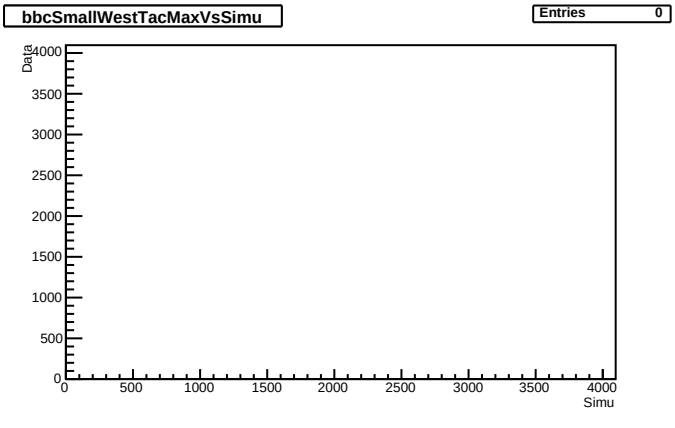

bbcSmallEastTacMax
Entries 10000

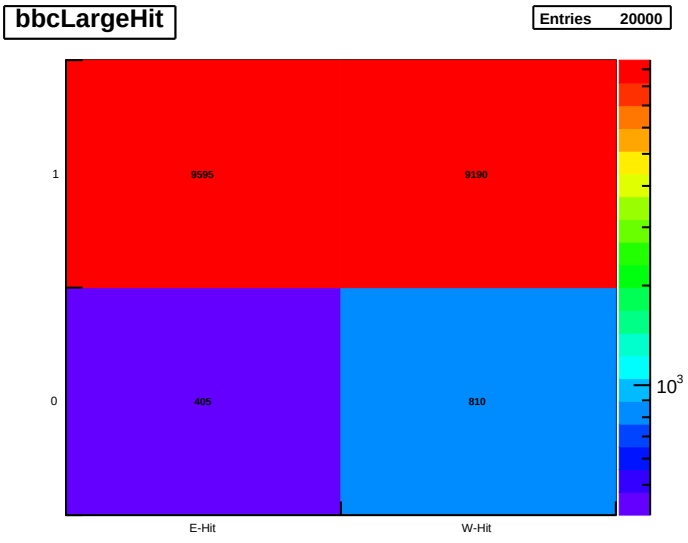

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

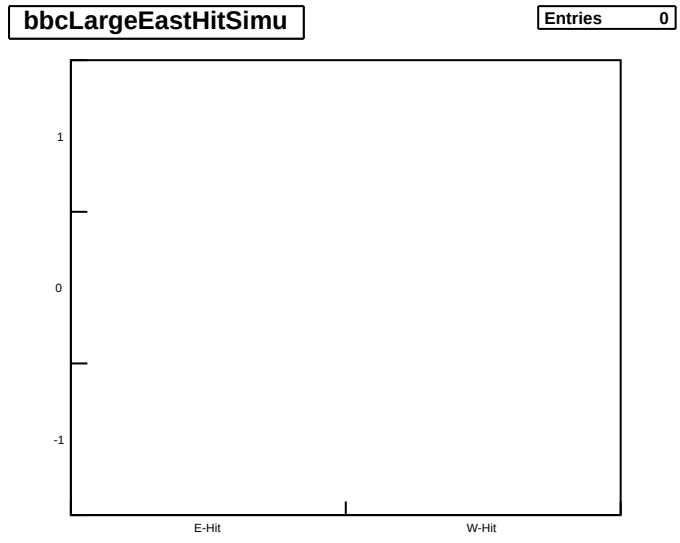

bbcSmallWestAdcSum
Entries 10000

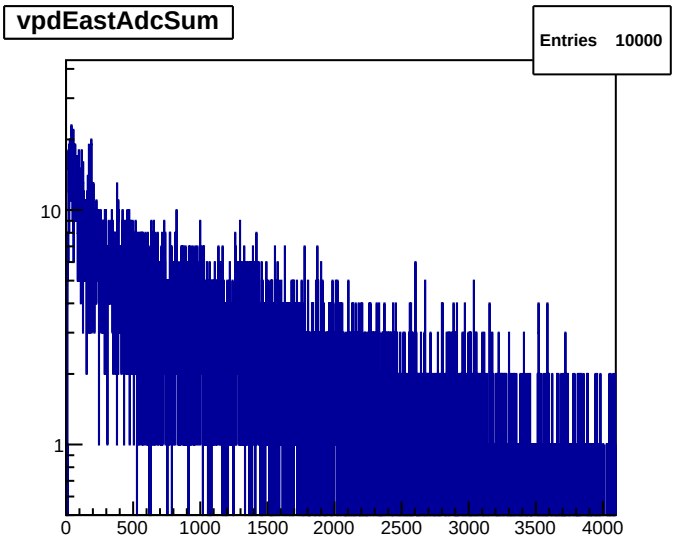

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

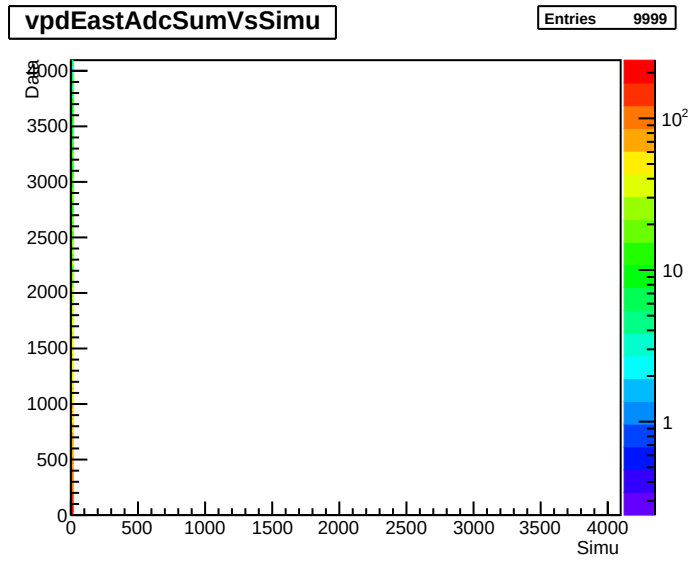

bbcSmallWestTacMax
Entries 10000

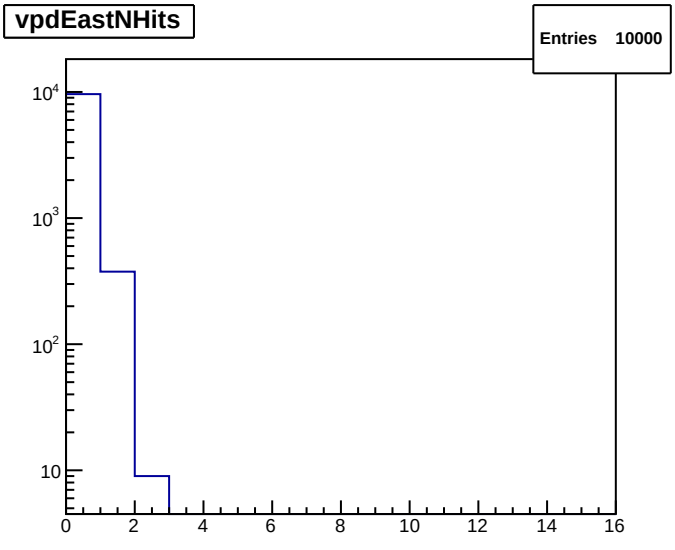

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

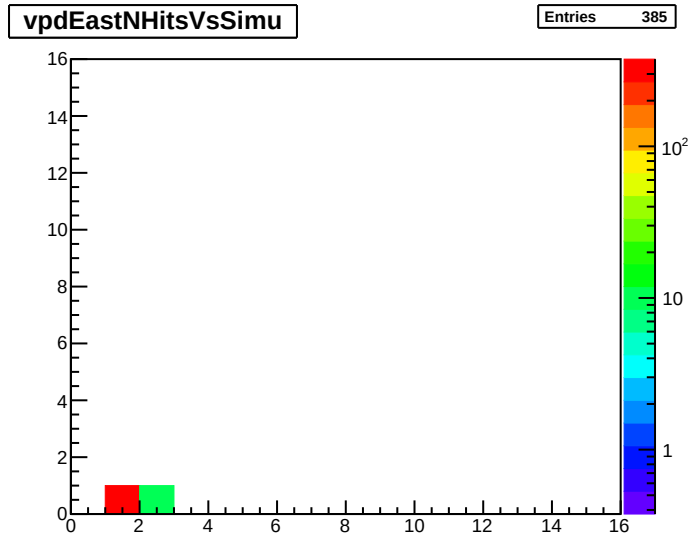

bbcLargeHit
Entries 20000
1
0
9595
9190
405
810
E-Hit
W-Hit
10^3

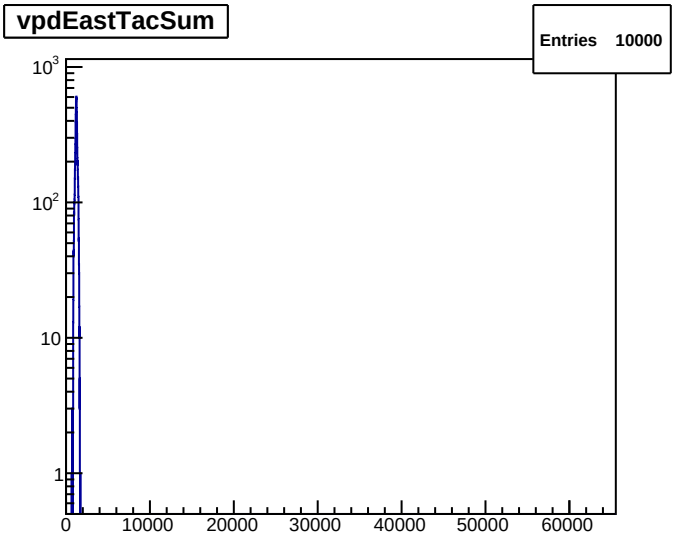

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

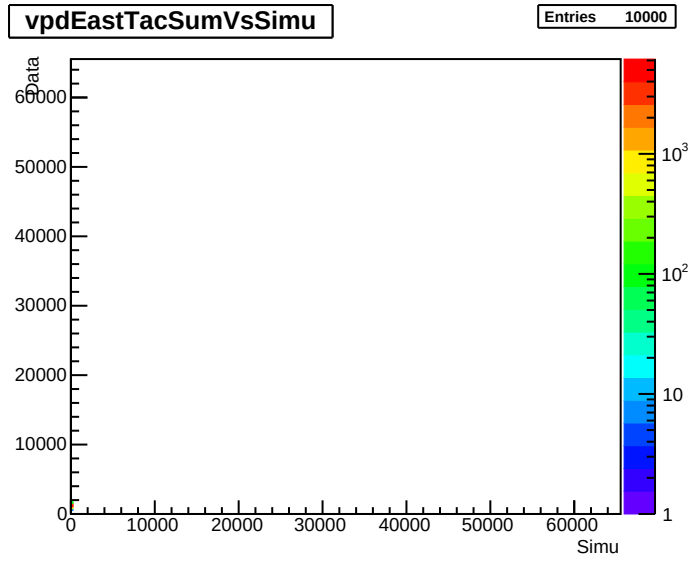

vpdEastAdcSum
Entries 10000

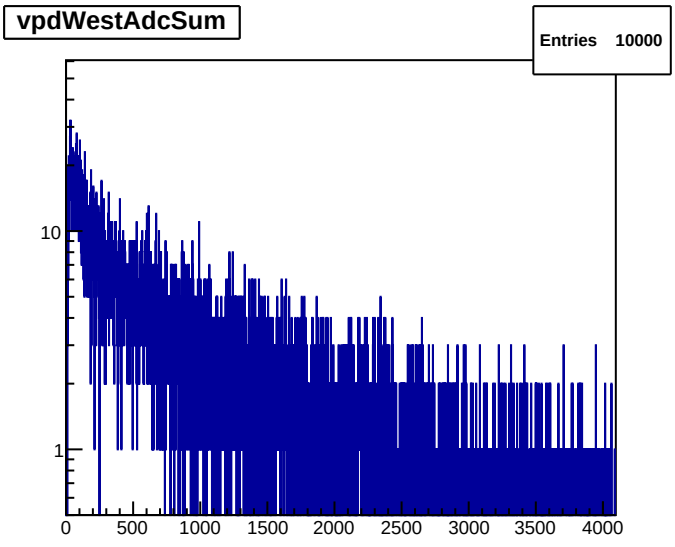

vpdEastAdcSumVsSimu
Entries 9999
Data
Simu

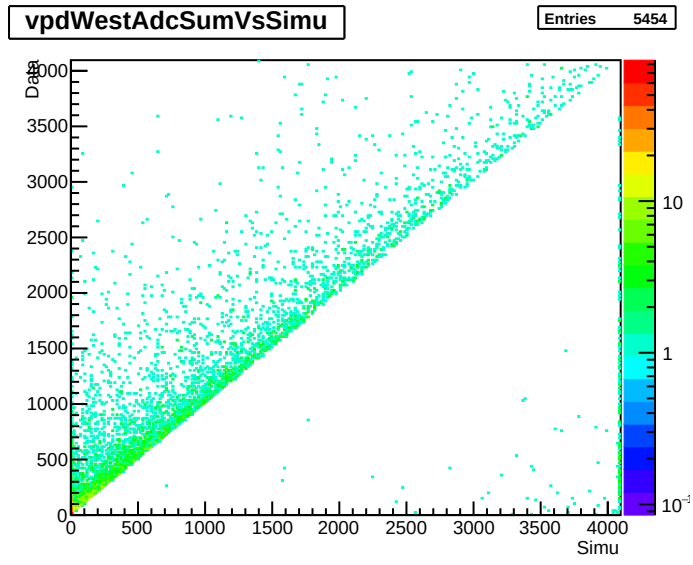

vpdEastNHits
Entries 10000

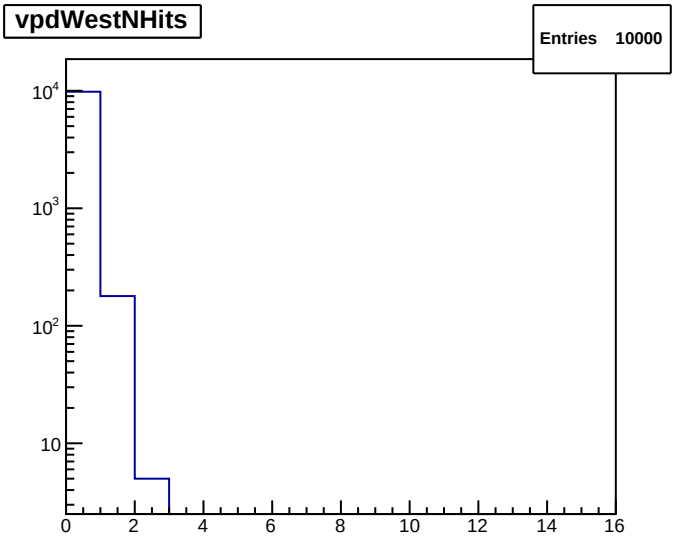

vpdEastNHitsVsSimu
Entries 385

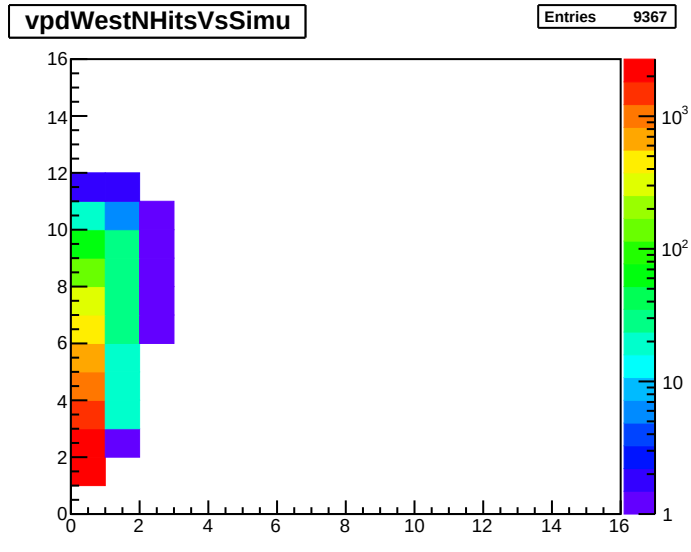

vpdEastTacSum
Entries 10000

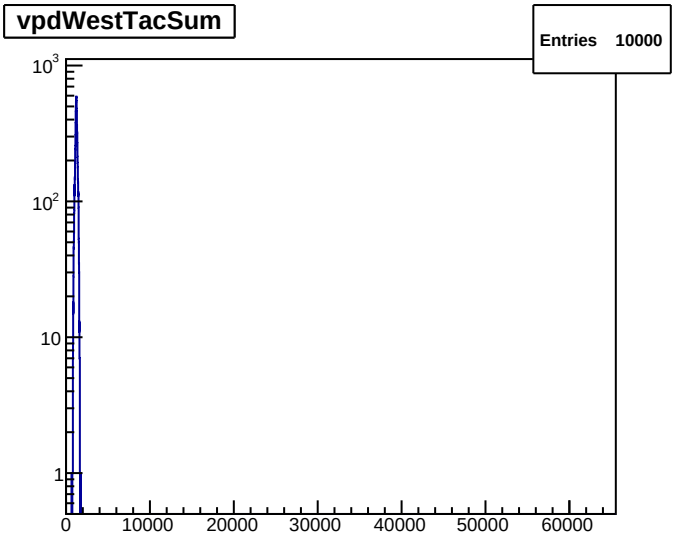

vpdEastTacSumVsSimu
Entries 10000
Data
Simu

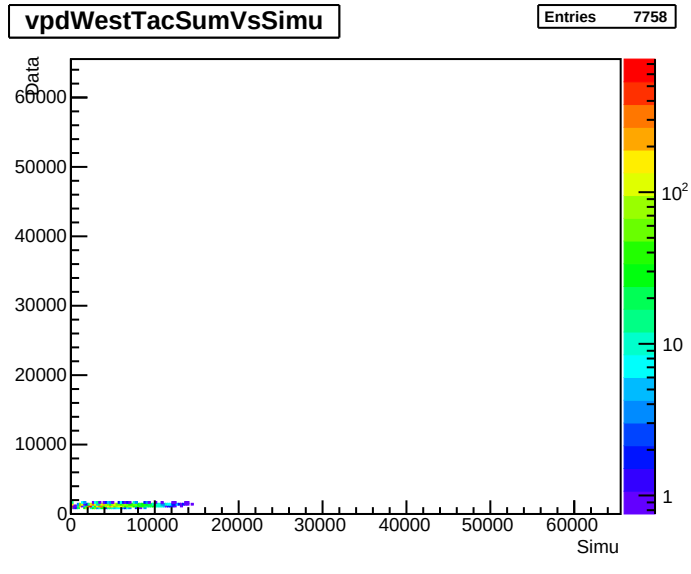

vpdWestAdcSum
Entries 10000

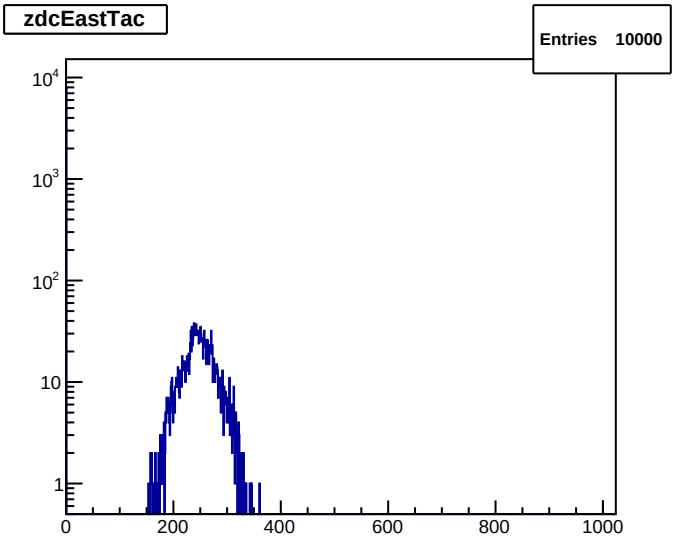

vpdWestAdcSumVsSimu
Entries 5454
Data
Simu

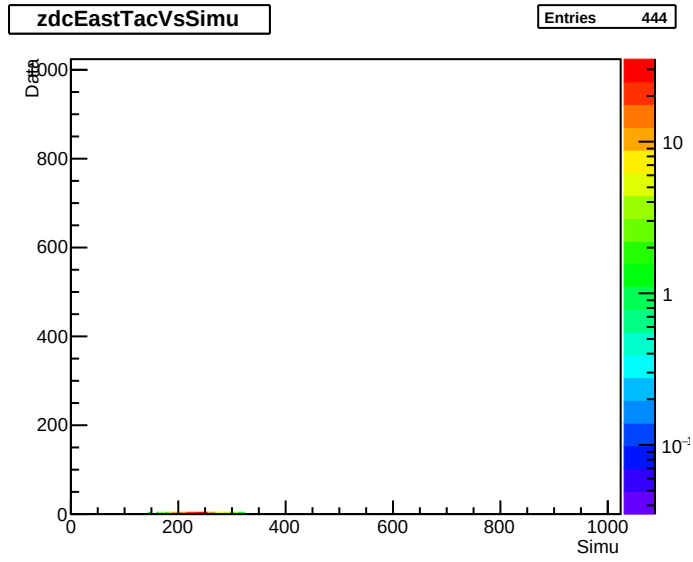

vpdWestNHits
Entries 10000

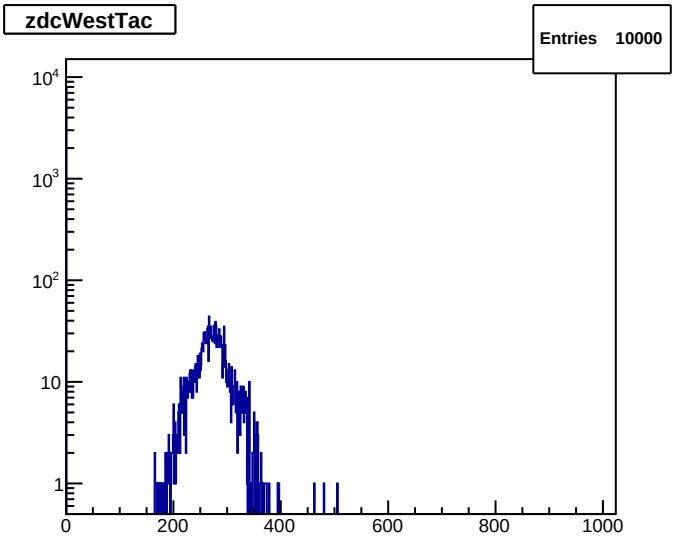

vpdWestNHitsVsSimu
Entries 9367

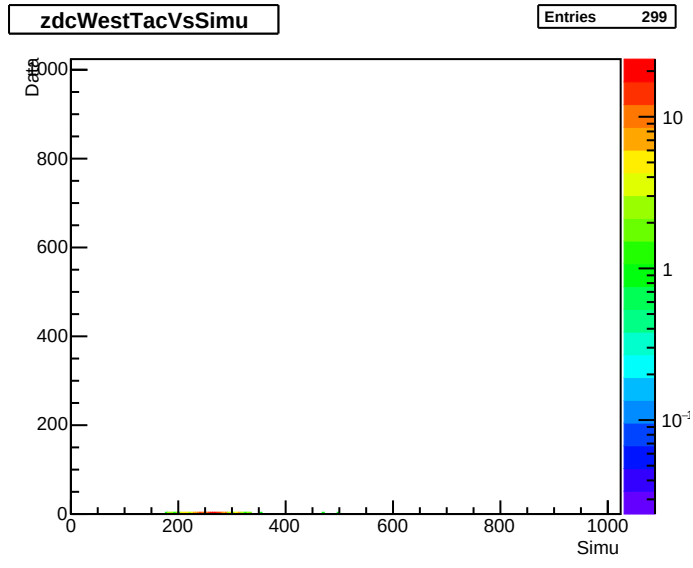

vpdWestTacSum
Entries 10000

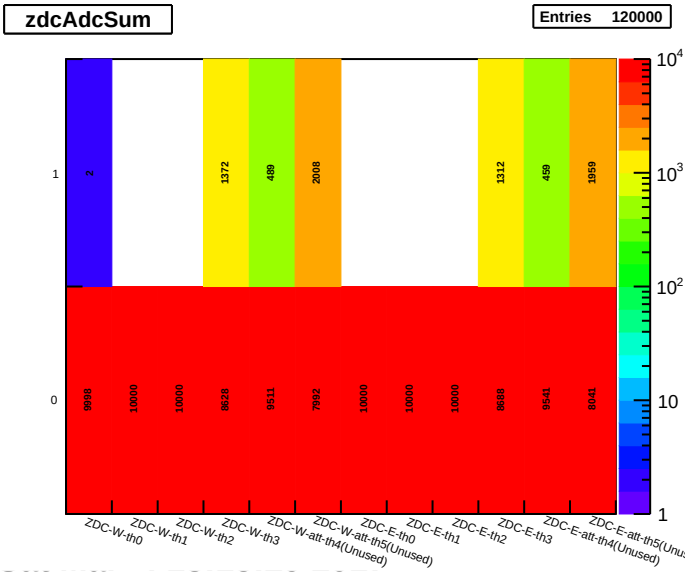

vpdWestTacSumVsSimu
Entries 7758
Data
Simu

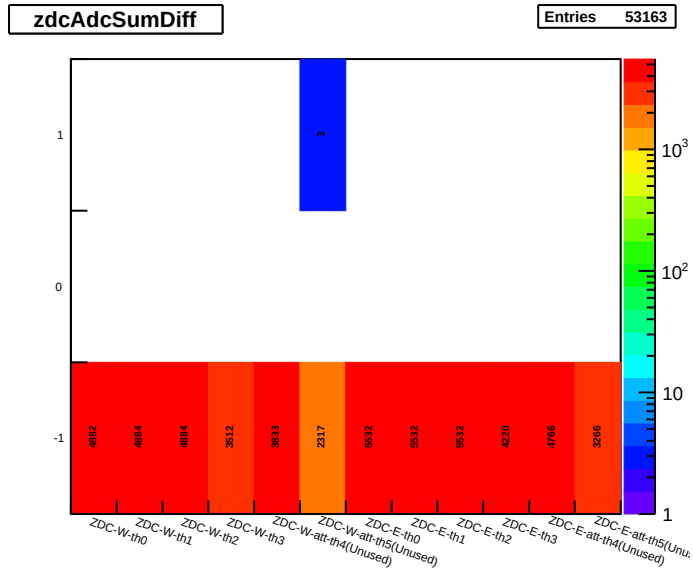

zdcEastTac
Entries 10000

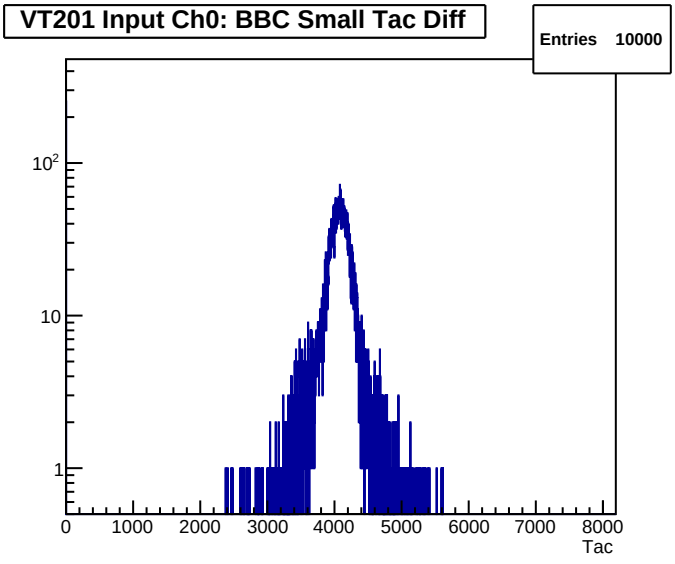

zdcEastTacVsSimu
Entries 444
Data
Simu

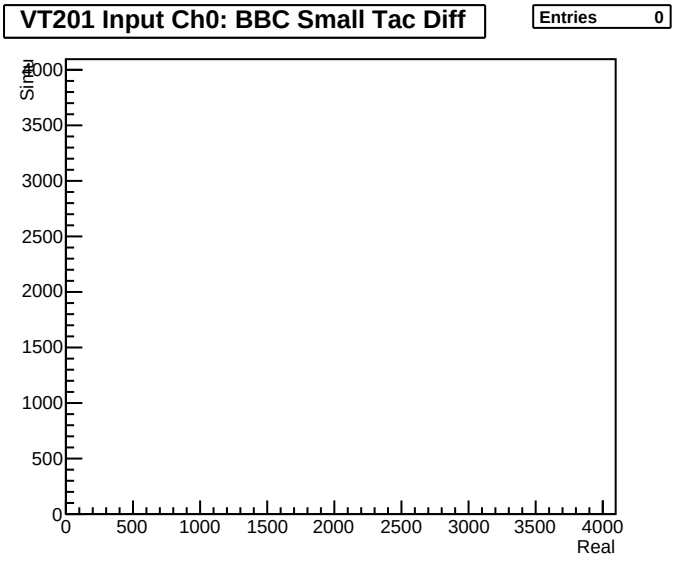

zdcWestTac
Entries 10000

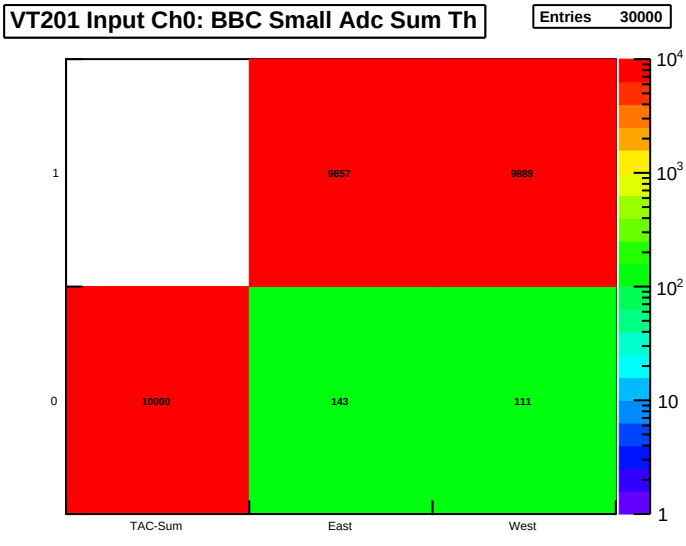

zdcWestTacVsSimu
Entries 299
Data
Simu

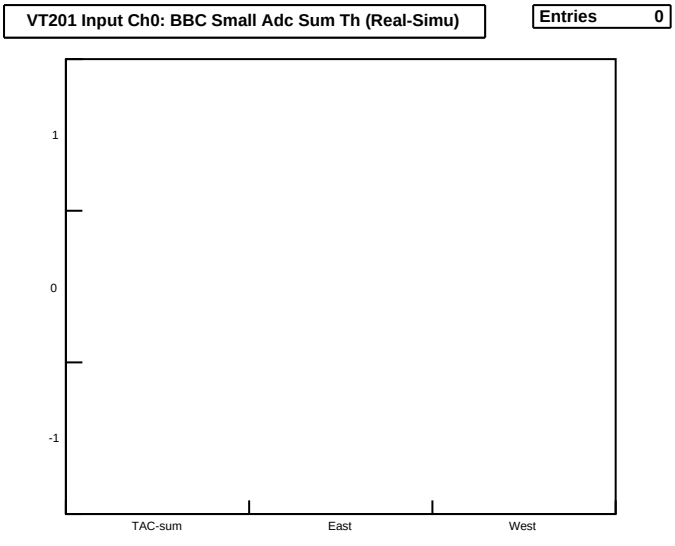

zdcAdcSum
Entries 120000
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

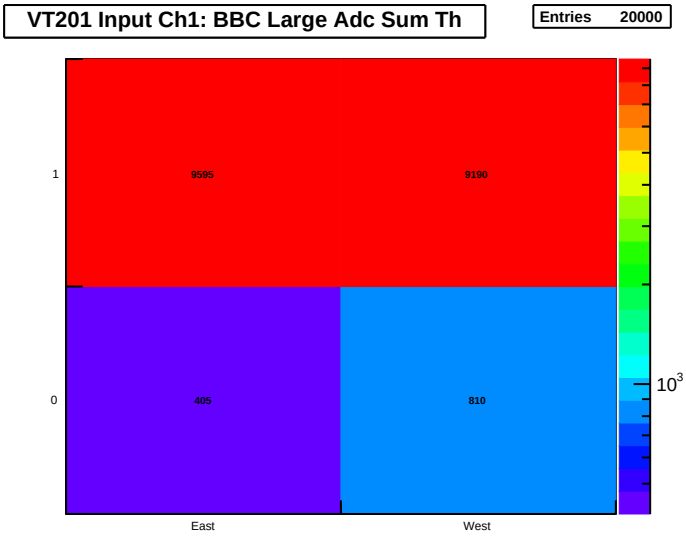

zdcAdcSumDiff
Entries 53163
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

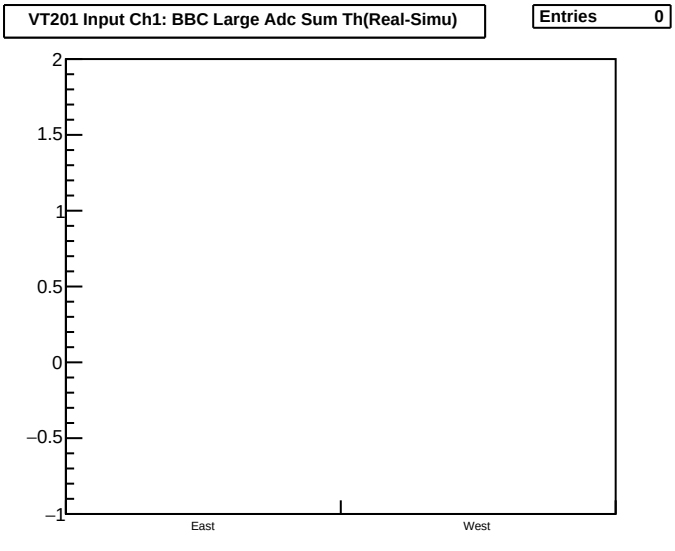

VT201 Input Ch0: BBC Small Tac Diff
Entries 10000
Tac


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

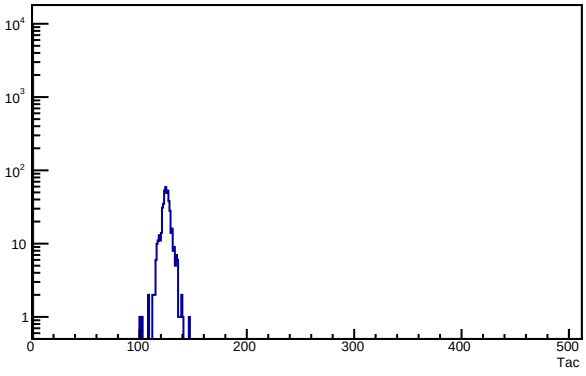

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 30000
9857
9889
10000
143
111
TAC-Sum
East
West


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

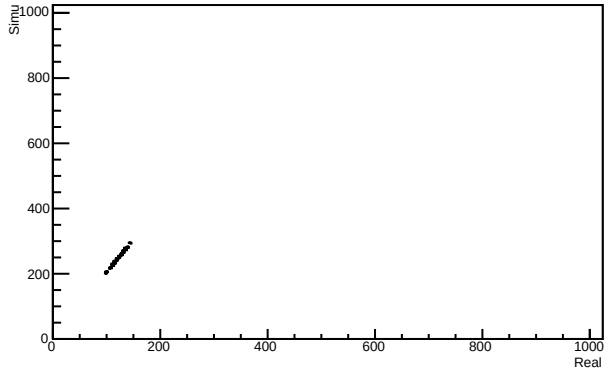

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 20000
9595
9190
405
810
East
West


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

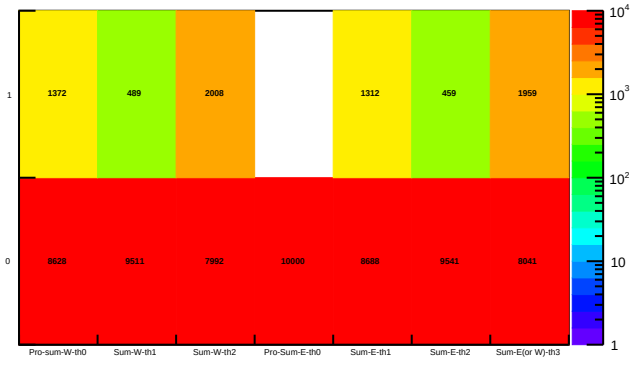
VT201 Input Ch2: ZDC Tac Diff



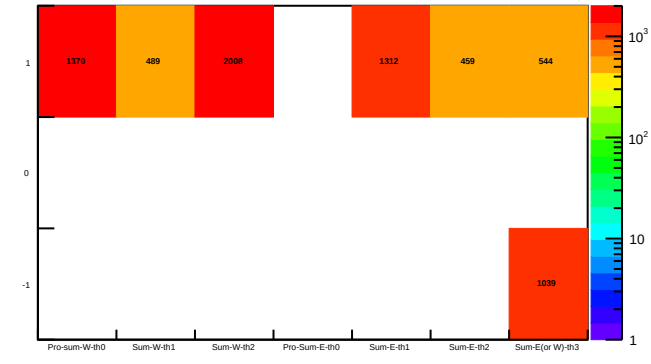
VT201 Input Ch2: ZDC Tac Diff



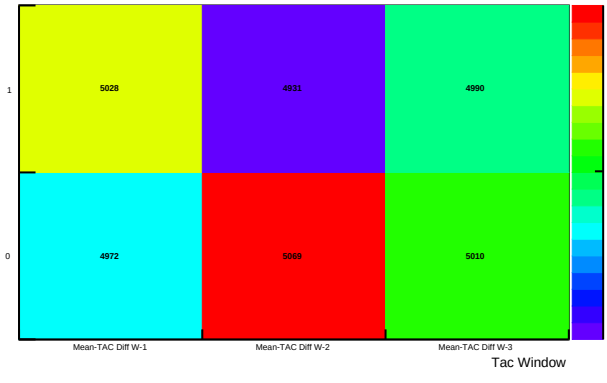
VT201 Input Ch2: ZDC Adc Sum Th



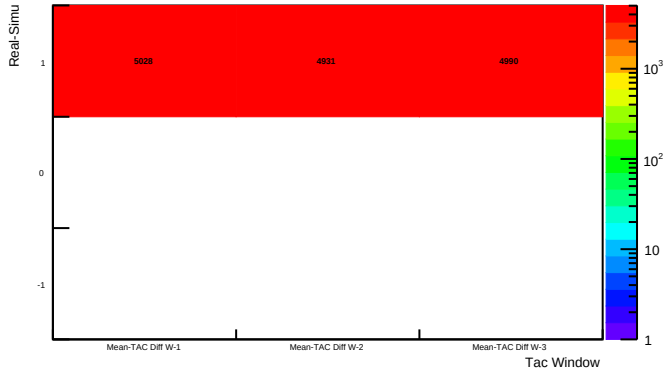
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



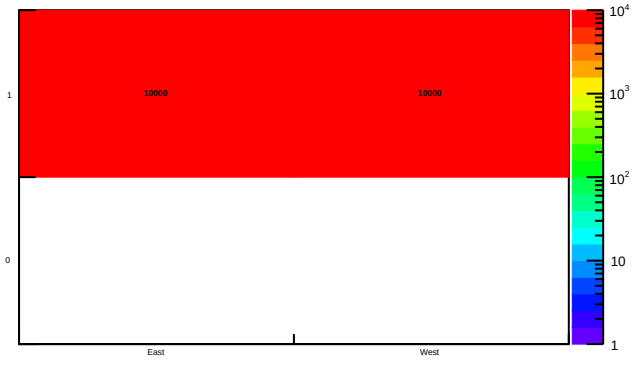
VT201 Input Ch4: VPD Tac Diff



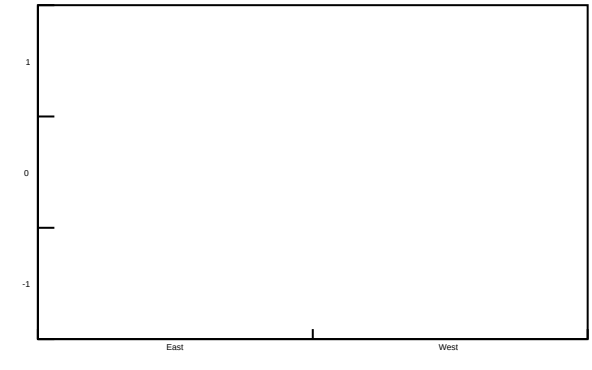
VT201 Input Ch4: VPD Tac Diff

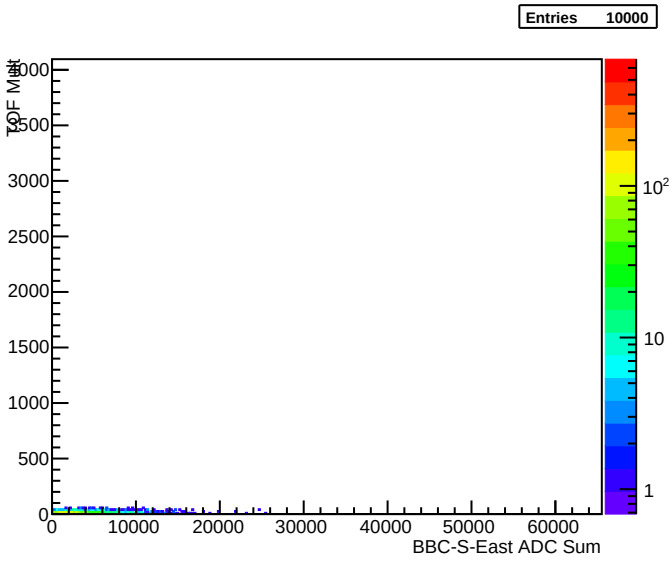


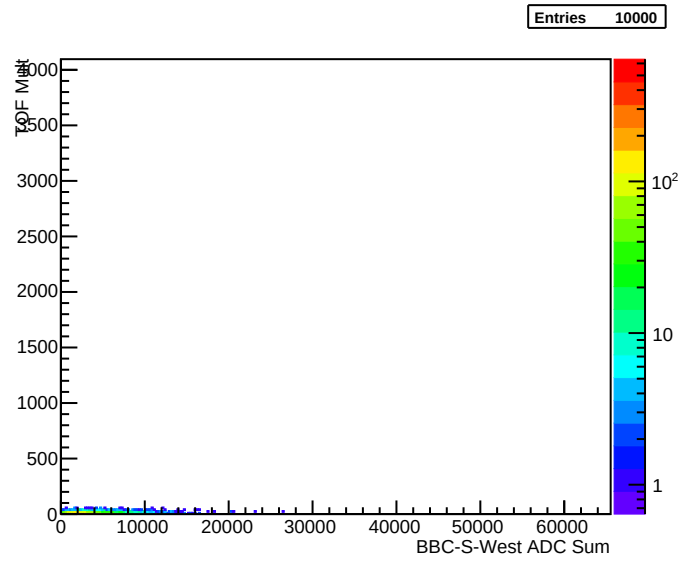
VT201 Input Ch4: VPD Adc Sum Th

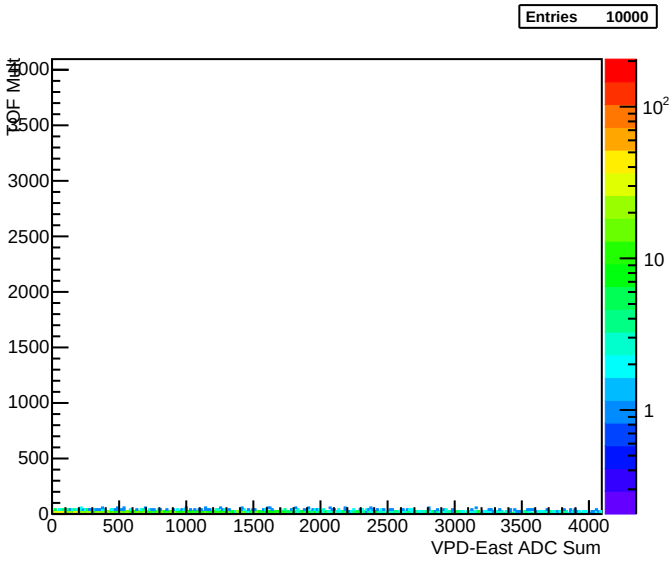


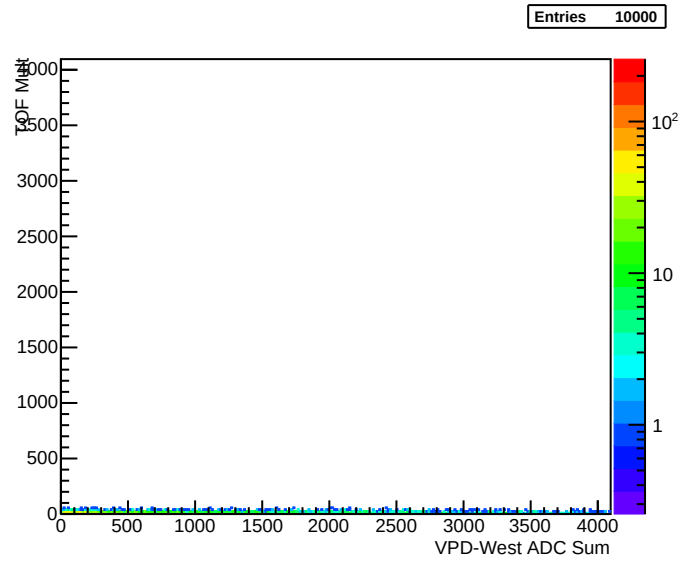
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

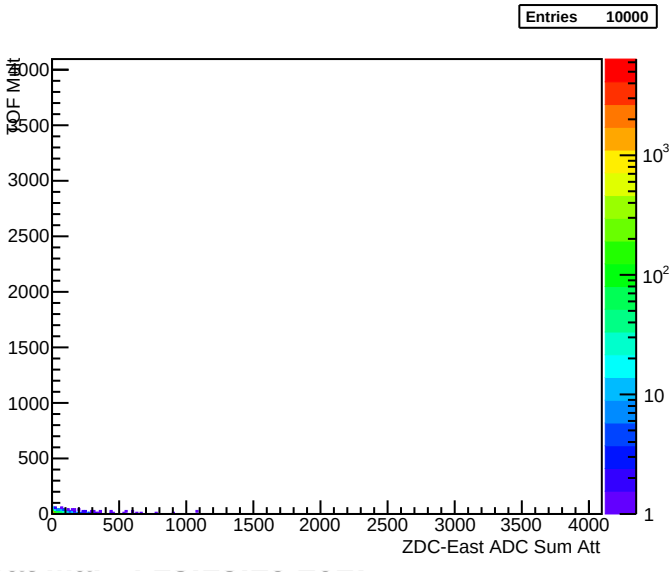


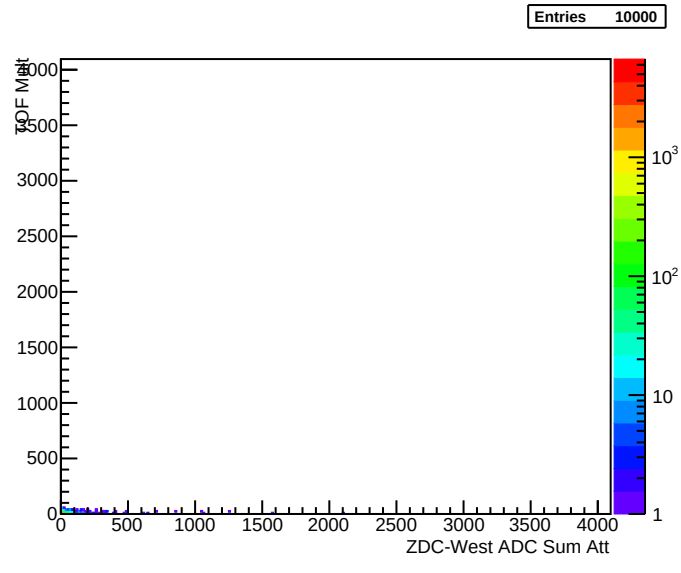

Entries 10000
TOF Mult
BBC-S-East ADC Sum

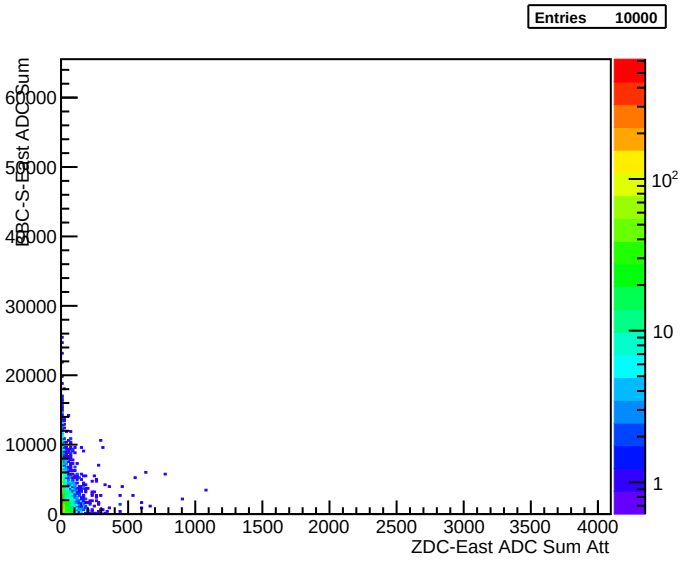

Entries 10000
TOF Mult
BBC-S-West ADC Sum

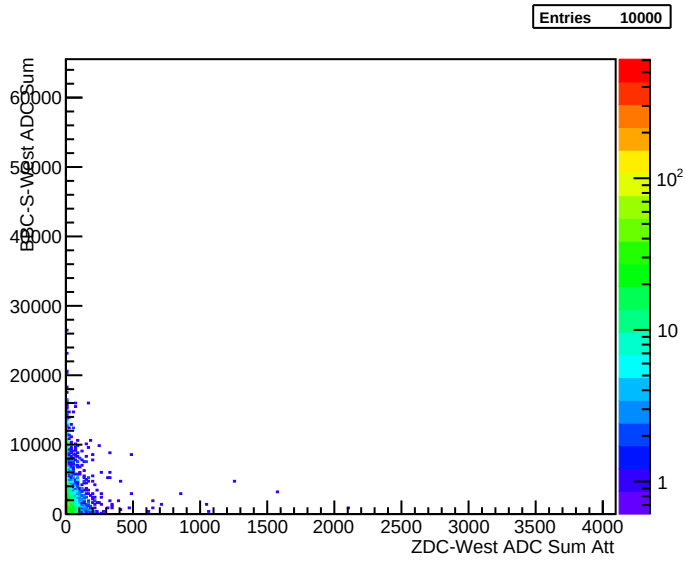

Entries 10000
TOF Mult
VPD-East ADC Sum

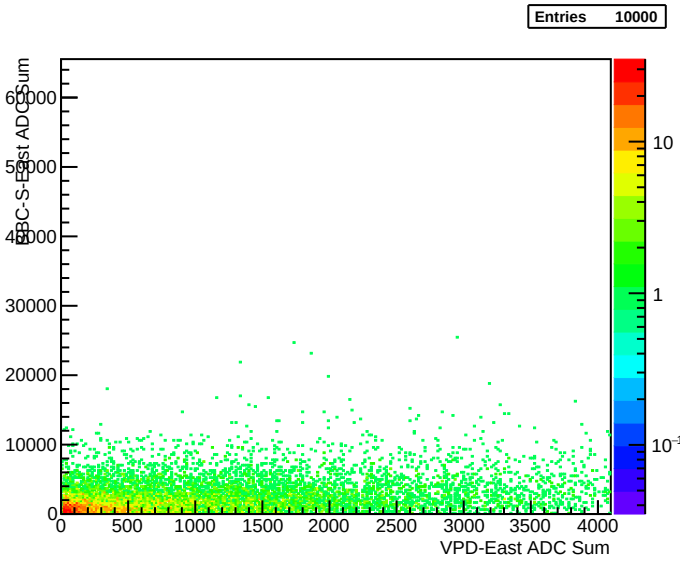

Entries 10000
TOF Mult
VPD-West ADC Sum

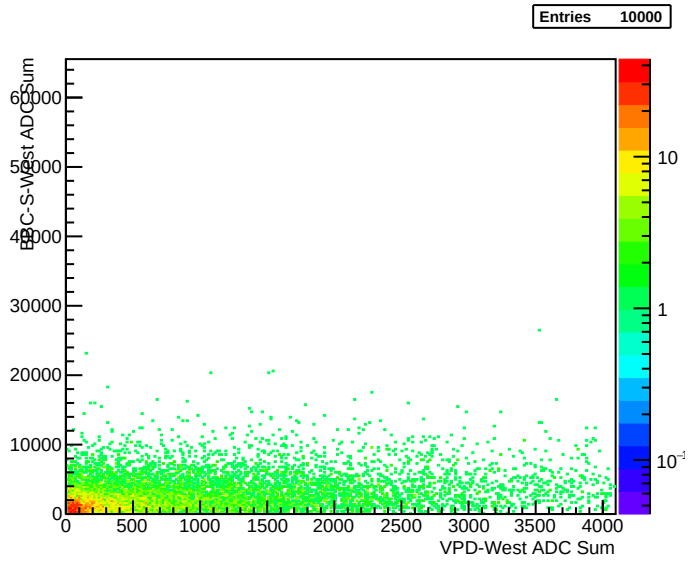

Entries 10000
TOF Mult
ZDC-East ADC Sum Att

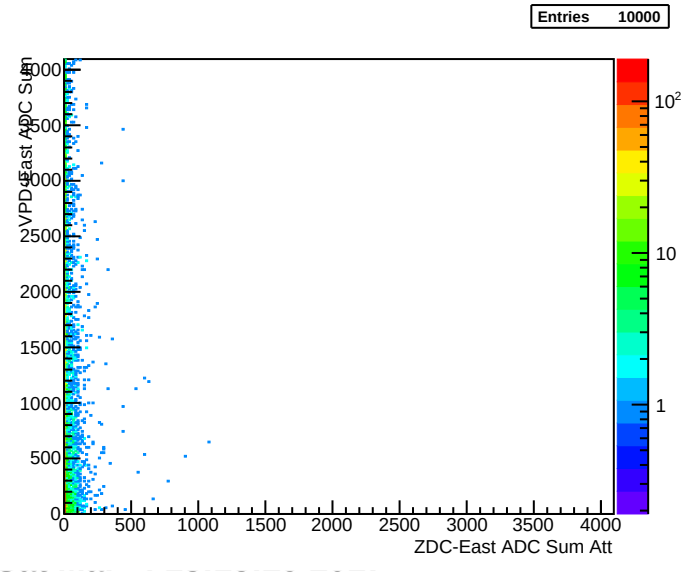

Entries 10000
TOF Mult
ZDC-West ADC Sum Att

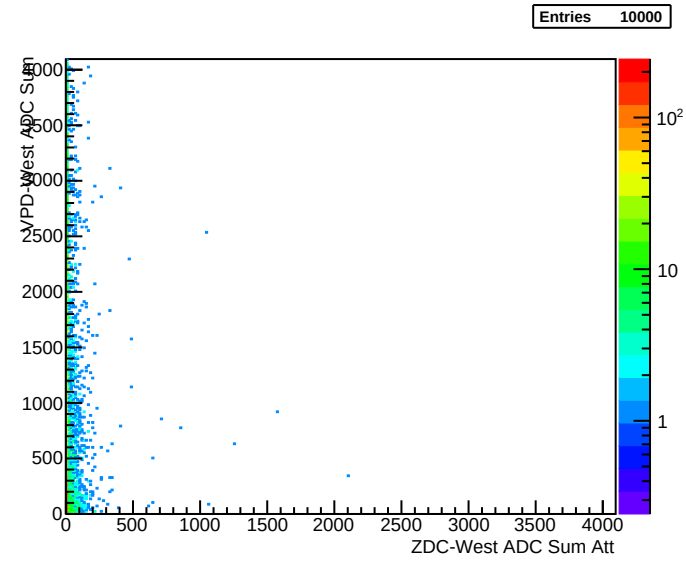

Entries 10000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

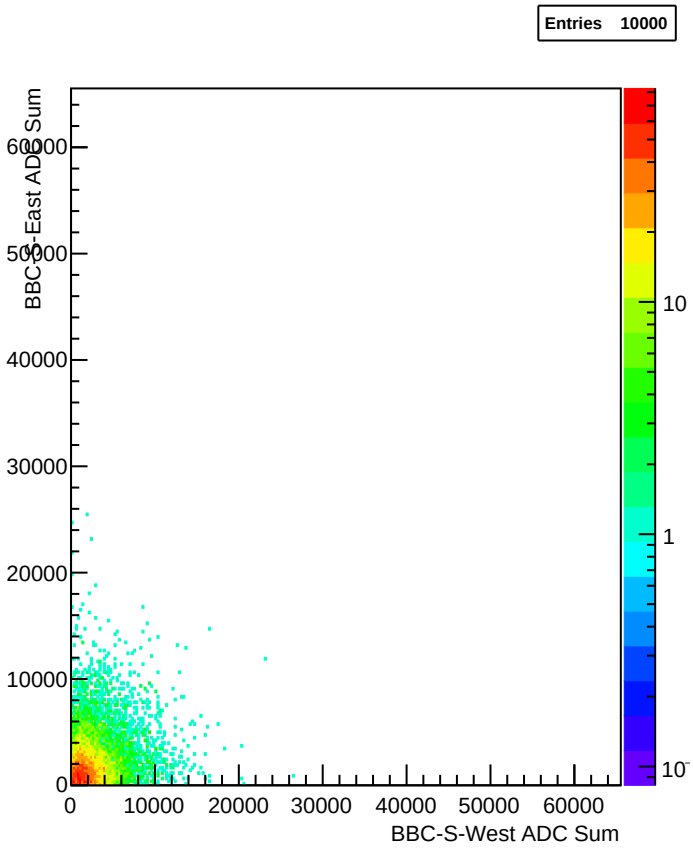

Entries 10000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

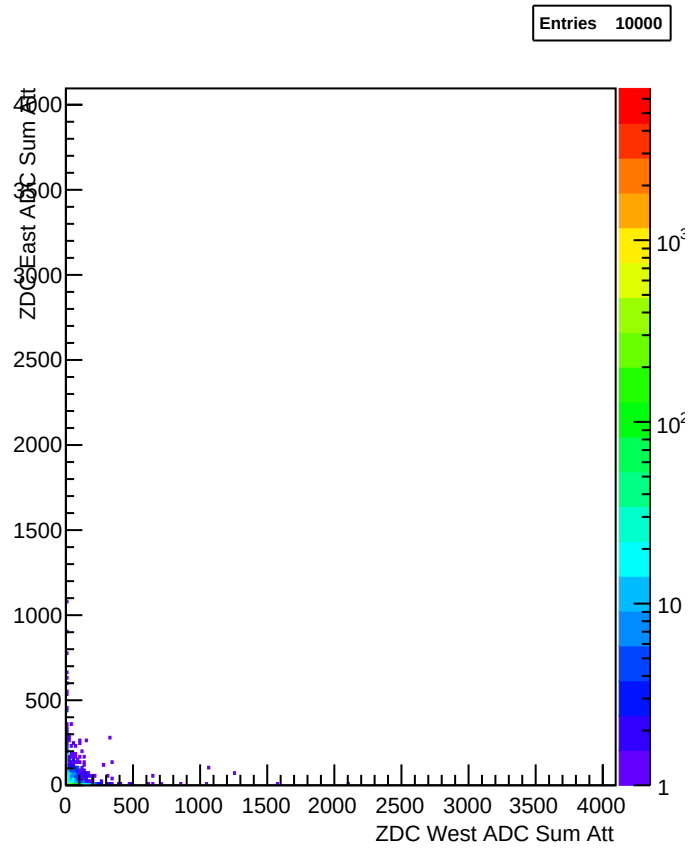

Entries 10000
BBC-S-East ADC Sum
VPD-East ADC Sum

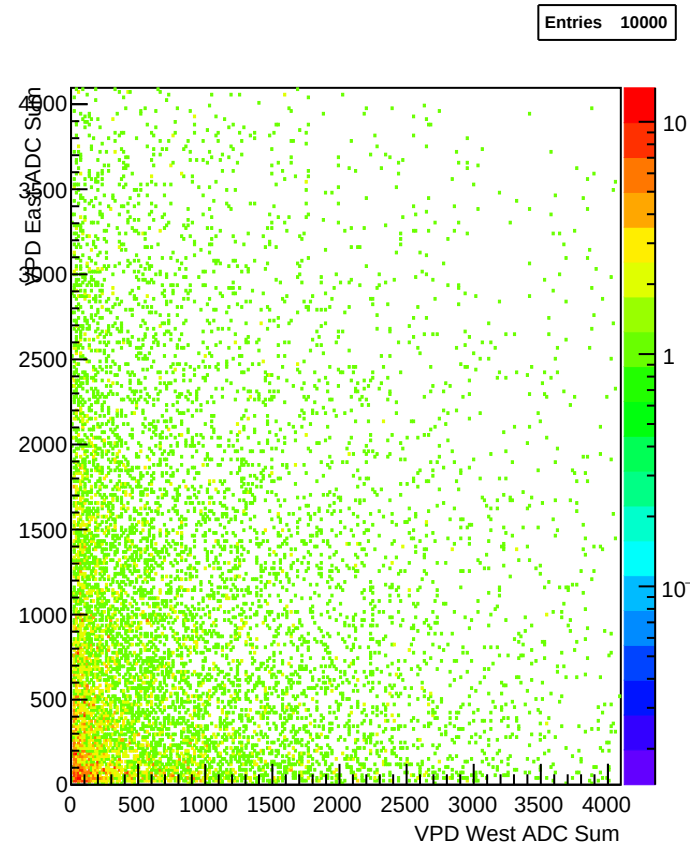

Entries 10000
BBC-S-West ADC Sum
VPD-West ADC Sum

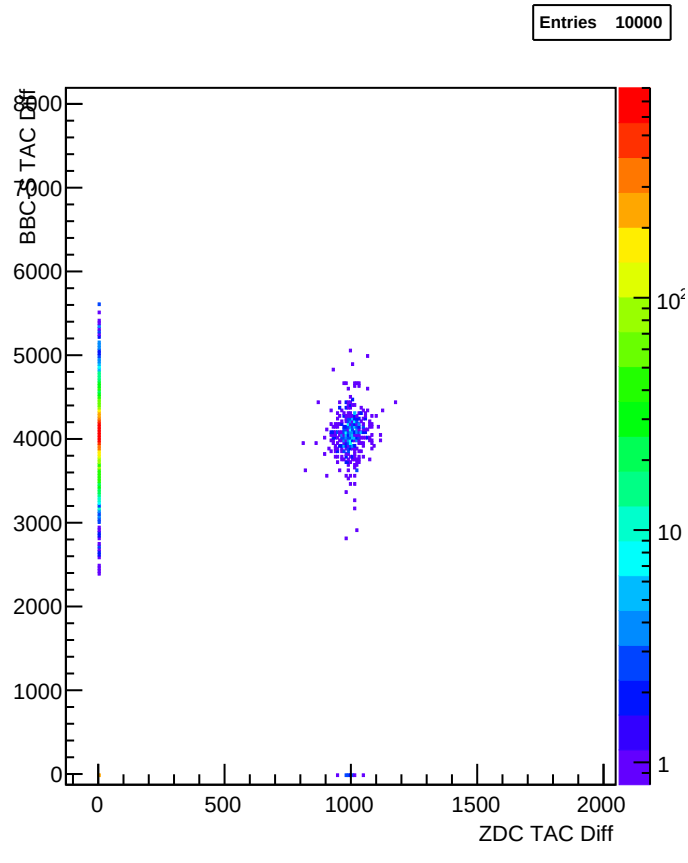

Entries 10000
VPD-East ADC Sum
ZDC-East ADC Sum Att

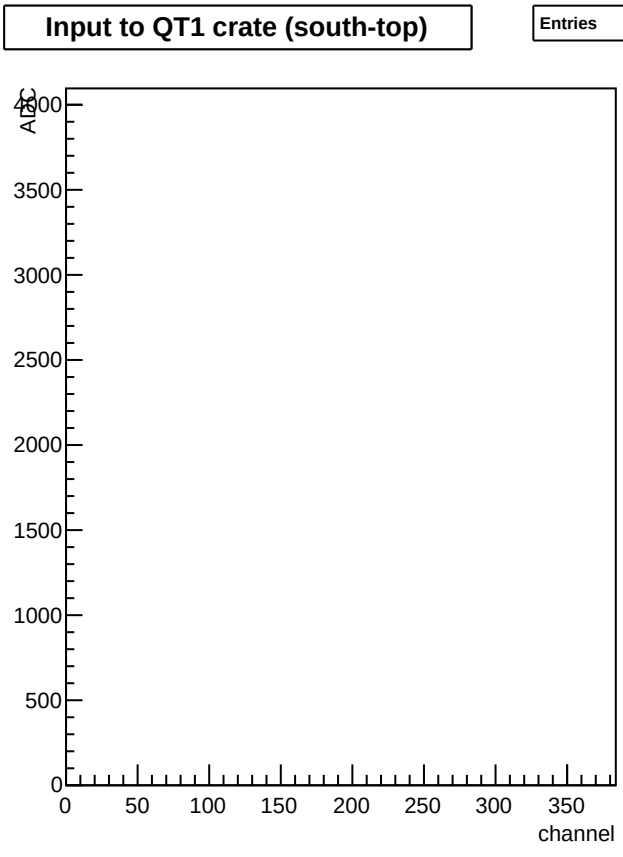

Entries 10000
VPD-West ADC Sum
ZDC-West ADC Sum Att

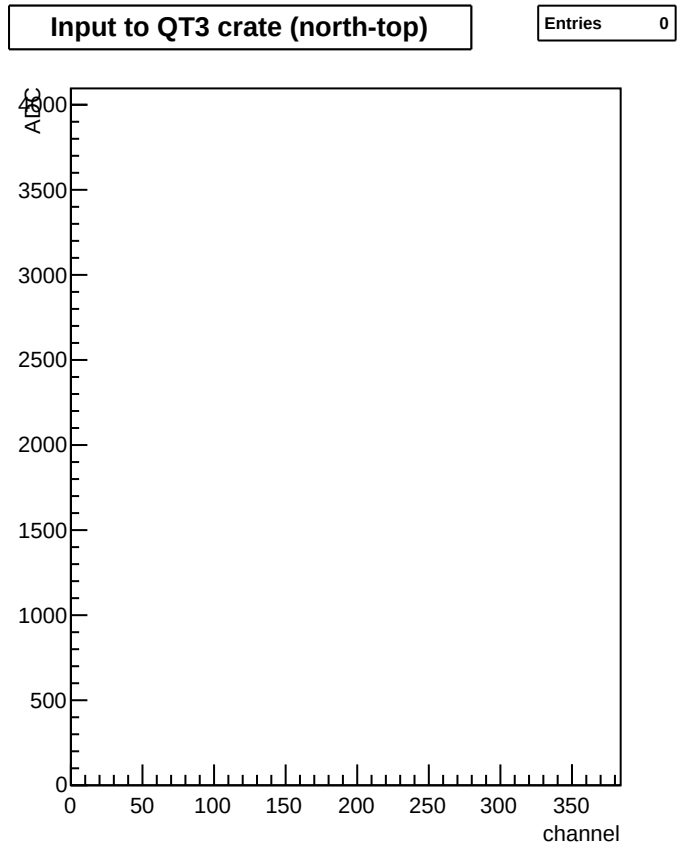

Entries 10000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

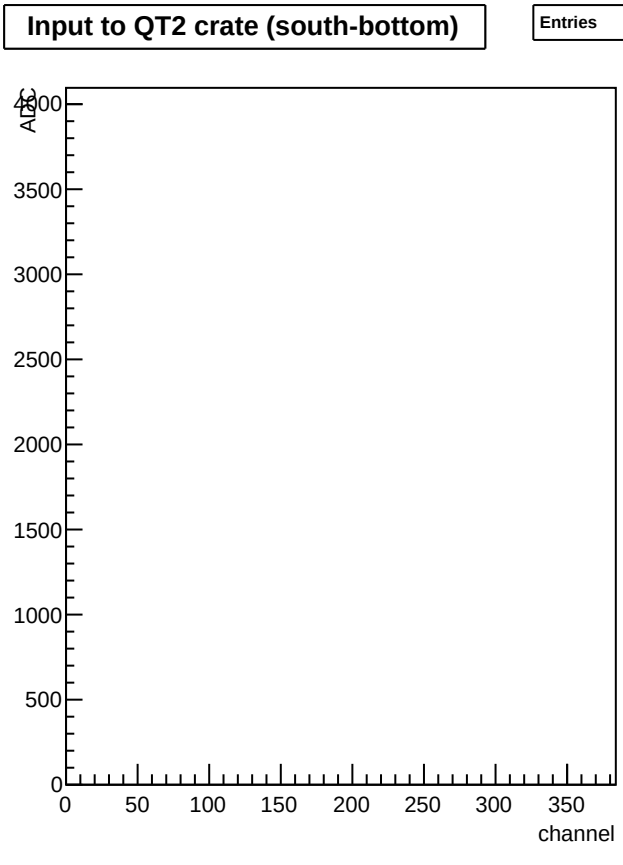

Entries 10000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

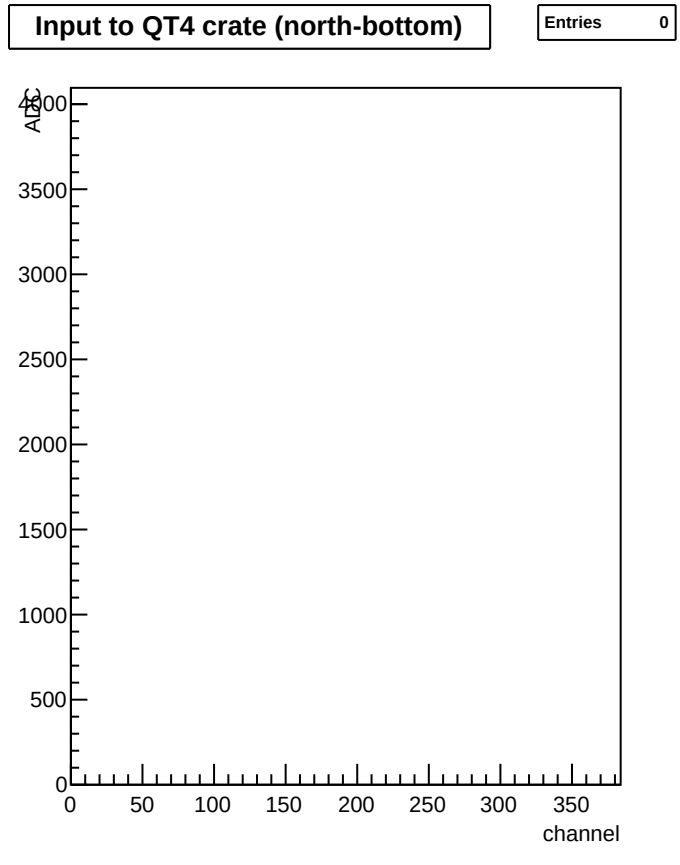

Entries 10000
VPD East ADC Sum
VPD West ADC Sum

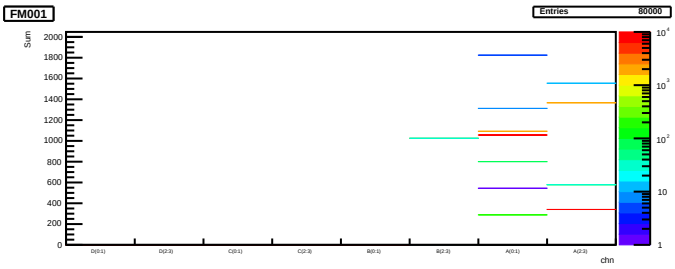

Entries 10000
BBC-S TAC Diff
ZDC TAC Diff

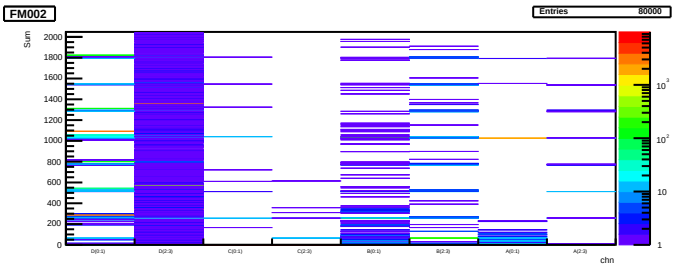

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

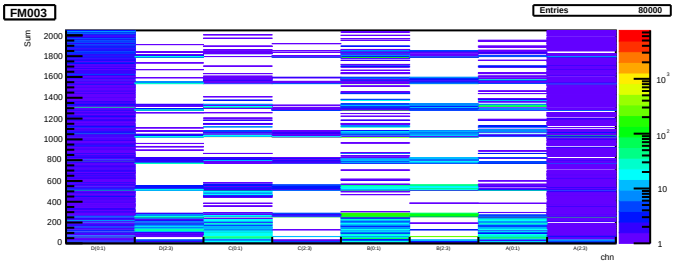

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

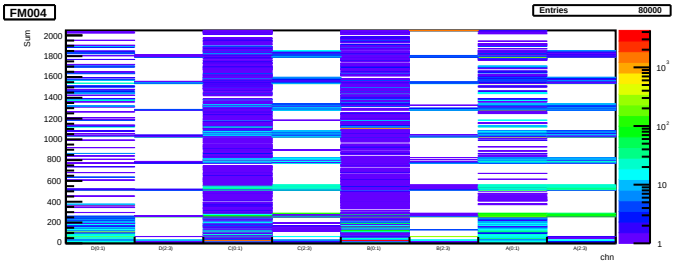

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

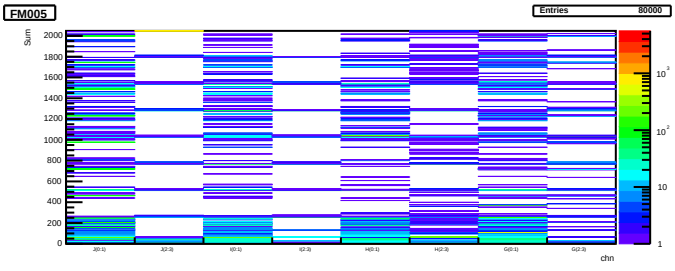

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

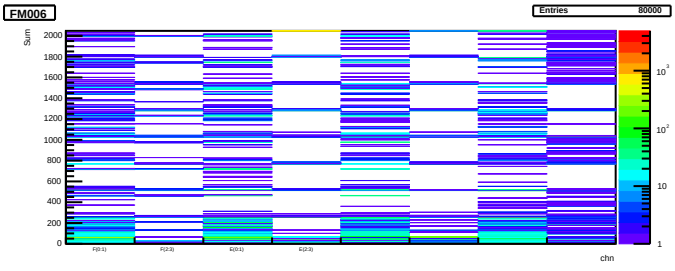

FM001
Entries 80000
Sum
chn

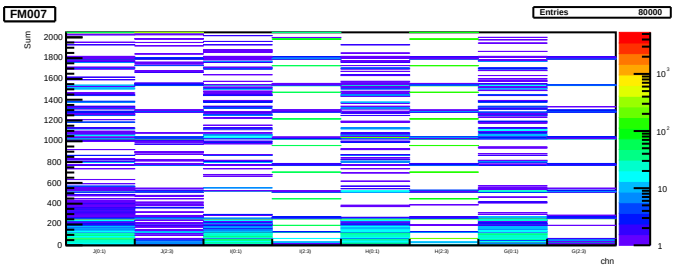

FM002
Entries 80000
Sum
chn

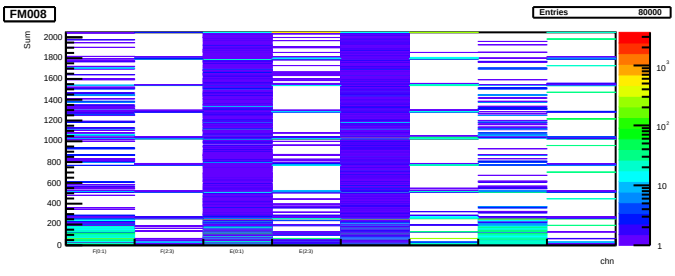

FM003
Entries 80000
Sum
chn

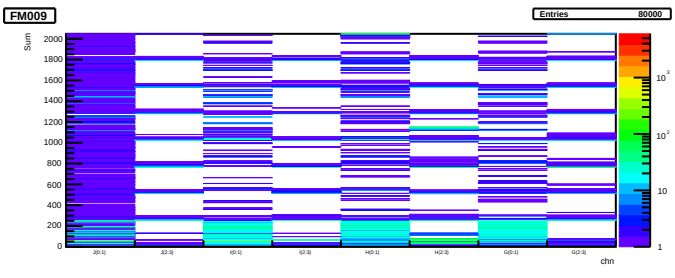

FM004
Entries 80000
Sum
chn

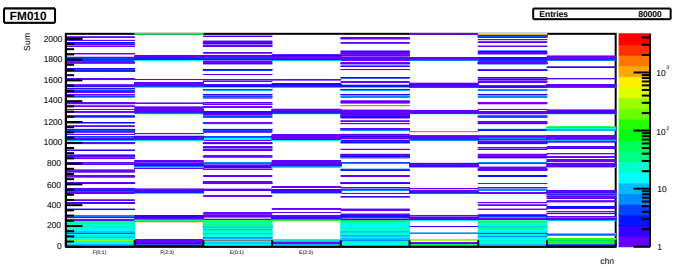

FM005
Entries 80000
Sum
chn

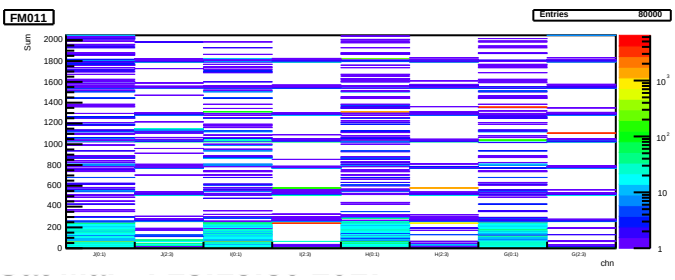

FM006
Entries 80000
Sum
chn

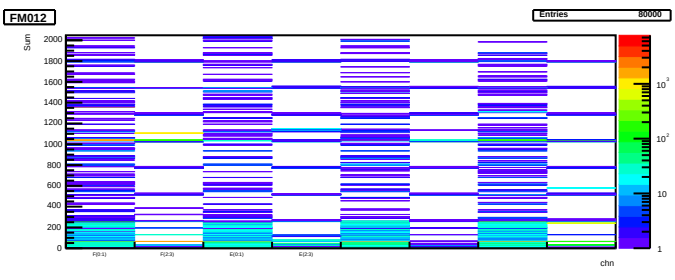

FM007
Entries 80000
Sum
chn

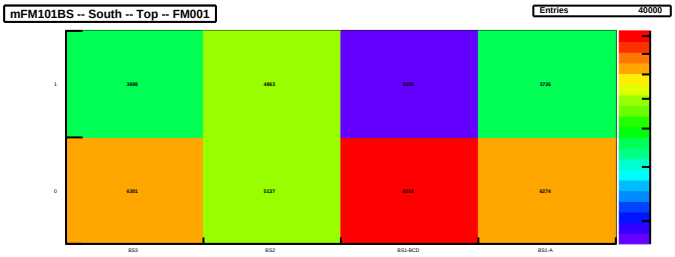

FM008
Entries 80000
Sum
chn

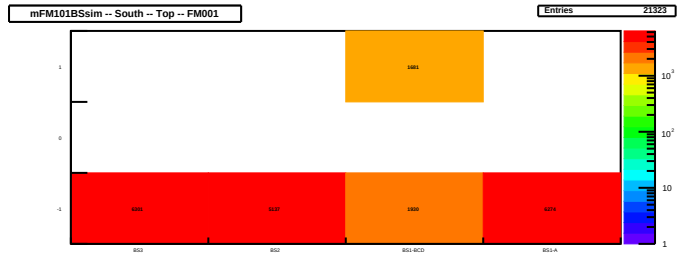

FM009
Entries 80000
Sum
chn

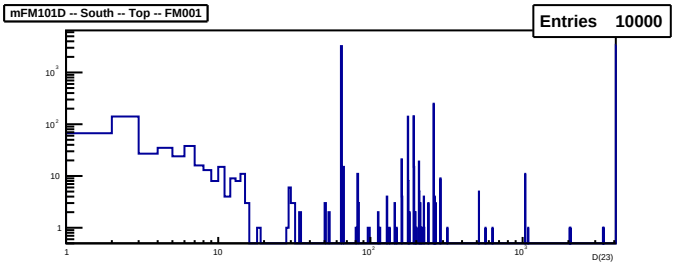

FM010
Entries 80000
Sum
chn

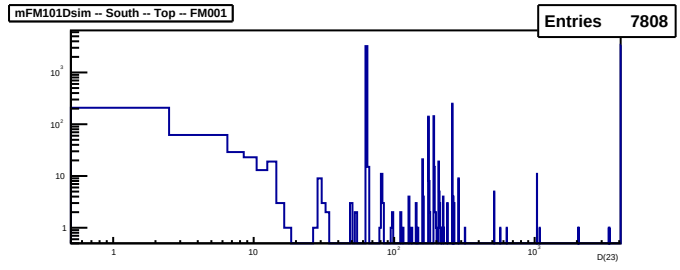

FM011
Entries 80000
Sum
chn

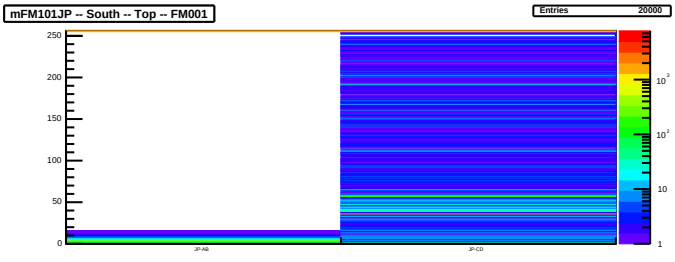

FM012
Entries 80000
Sum
chn

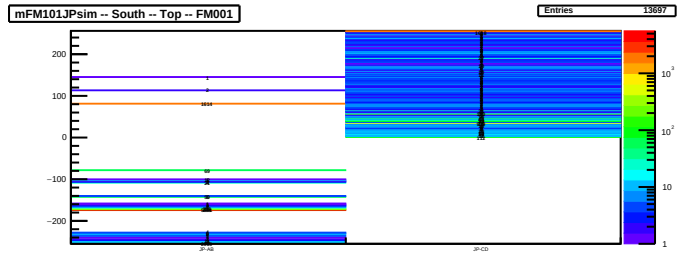

mFM101BS -- South -- Top -- FM001
Entries 40000

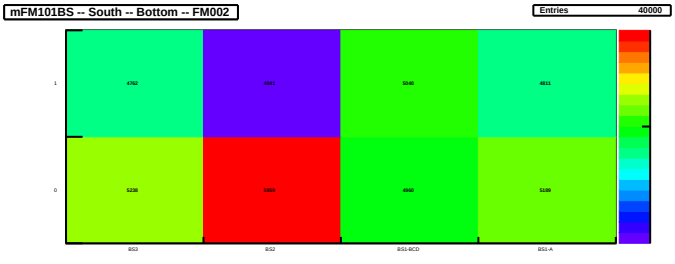

mFM101BSsim -- South -- Top -- FM001
Entries 21323

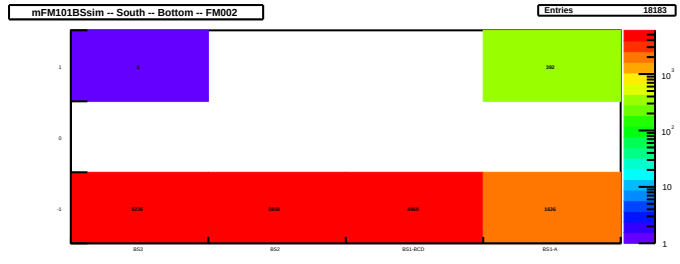

mFM101D -- South -- Top -- FM001
Entries 10000
D(23)

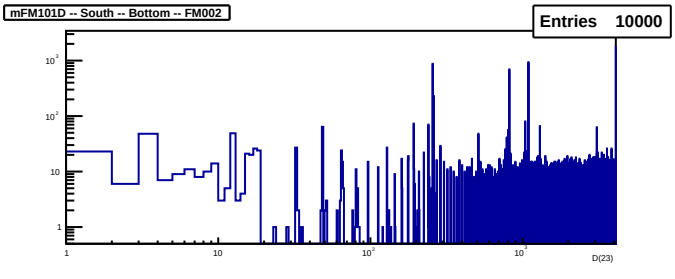

mFM101Dsim -- South -- Top -- FM001
Entries 7808
D(23)

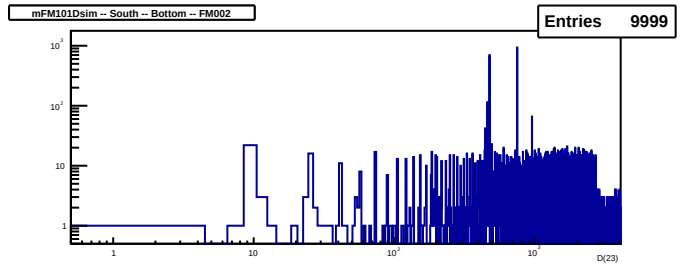

mFM101JP -- South -- Top -- FM001
Entries 20000

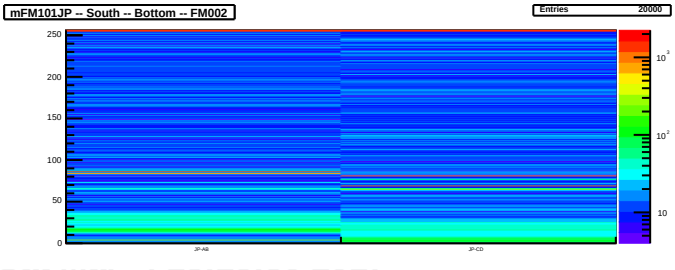

mFM101JPsim -- South -- Top -- FM001
Entries 13697

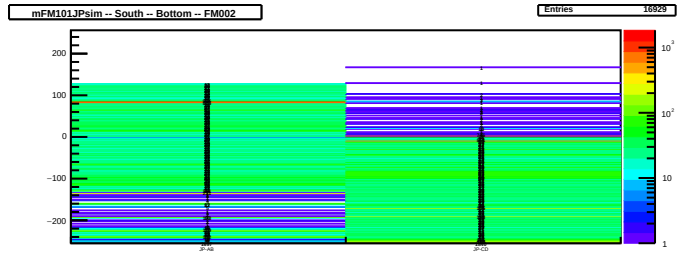

mFM101BS -- South -- Bottom -- FM002
Entries 40000

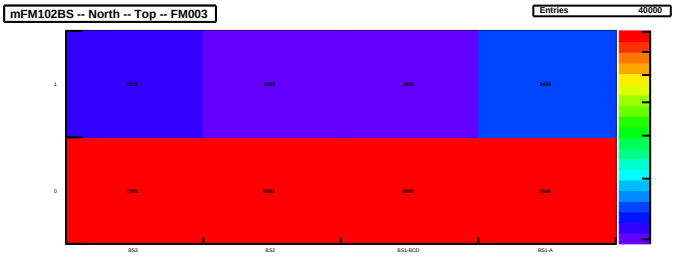

mFM101BSsim -- South -- Bottom -- FM002
Entries 18183

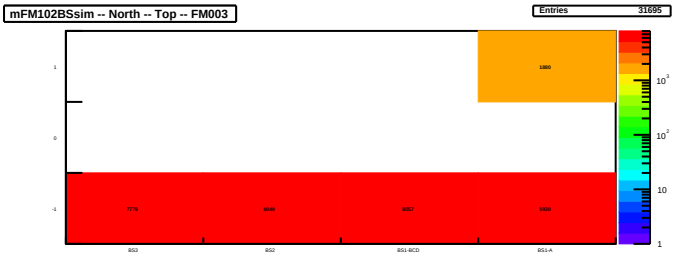

mFM101D -- South -- Bottom -- FM002
Entries 10000
D(23)

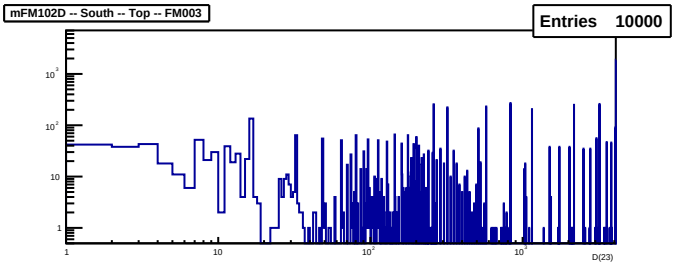

mFM101Dsim -- South -- Bottom -- FM002
Entries 9999
D(23)

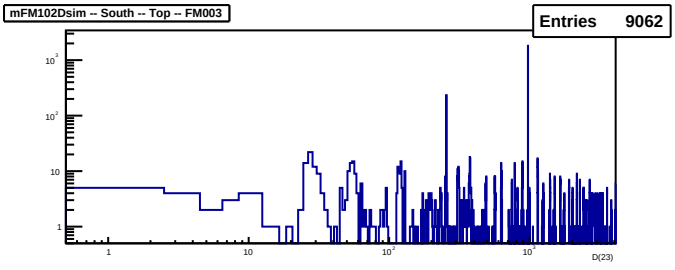

mFM101JP -- South -- Bottom -- FM002
Entries 20000

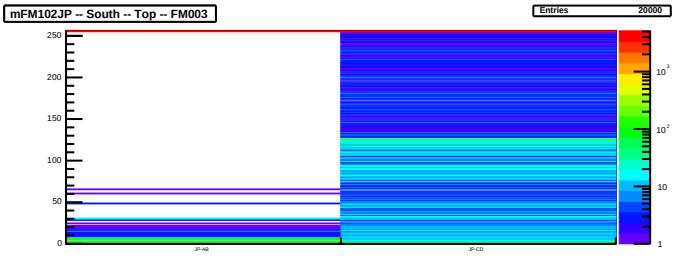

mFM101JPsim -- South -- Bottom -- FM002
Entries 16929

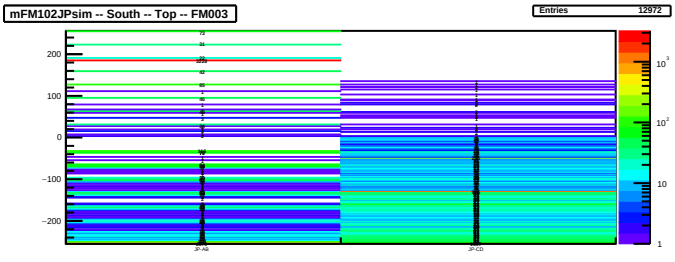

mFM102BS -- North -- Top -- FM003
Entries 40000

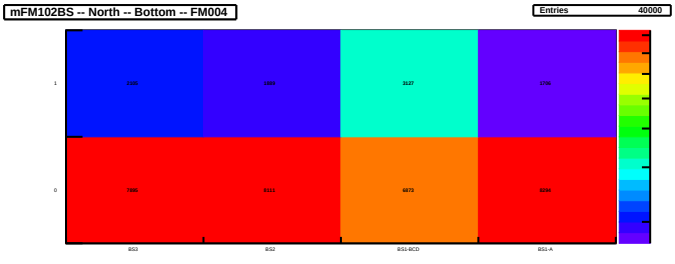

mFM102BSsim -- North -- Top -- FM003
Entries 31695

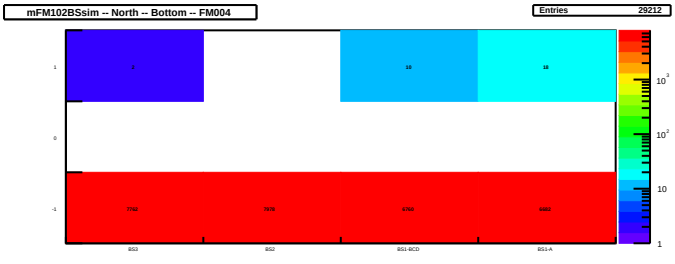

mFM102D -- South -- Top -- FM003
Entries 10000
D(23)

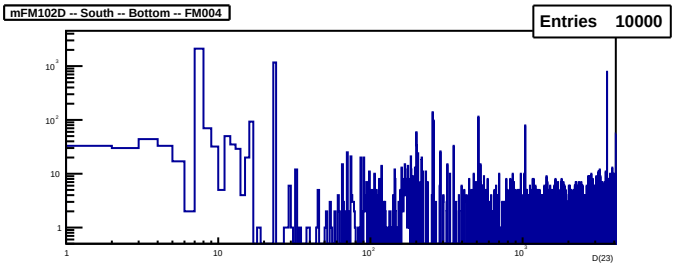

mFM102Dsim -- South -- Top -- FM003
Entries 9062
D(23)

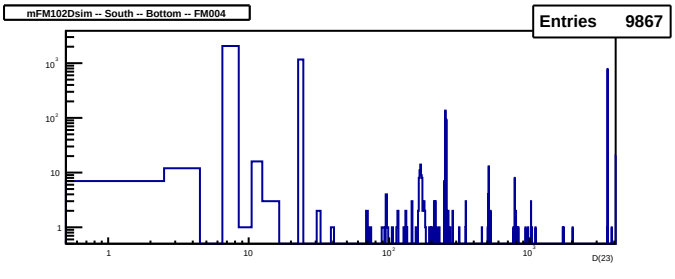

mFM102JP -- South -- Top -- FM003
Entries 20000

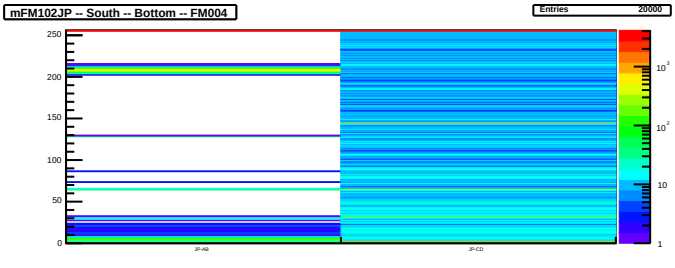

mFM102JPsim -- South -- Top -- FM003
Entries 12972

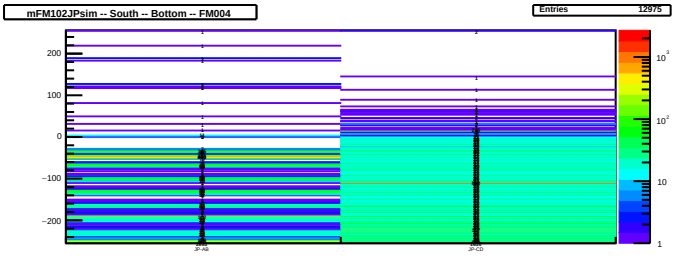

mFM102BS -- North -- Bottom -- FM004
Entries 40000

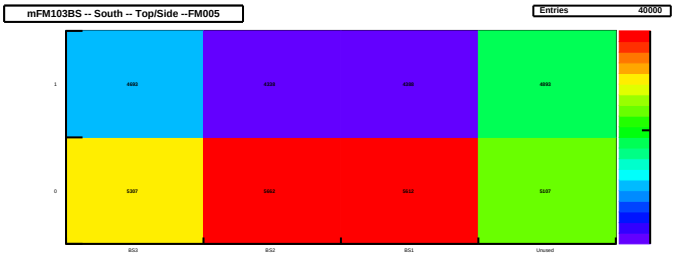

mFM102BSsim -- North -- Bottom -- FM004
Entries 29212

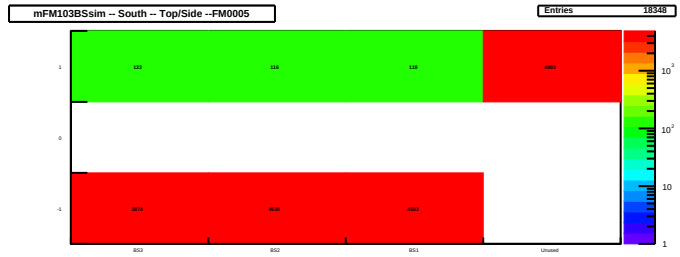

mFM102D -- South -- Bottom -- FM004
Entries 10000
D(23)

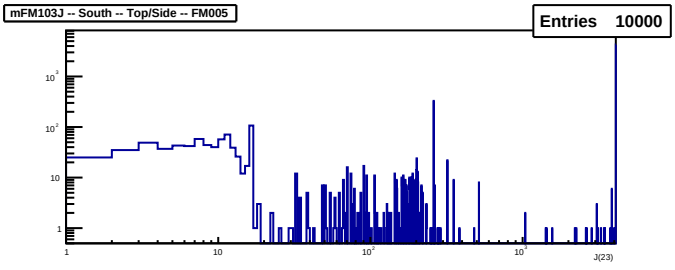

mFM102Dsim -- South -- Bottom -- FM004
Entries 9867
D(23)

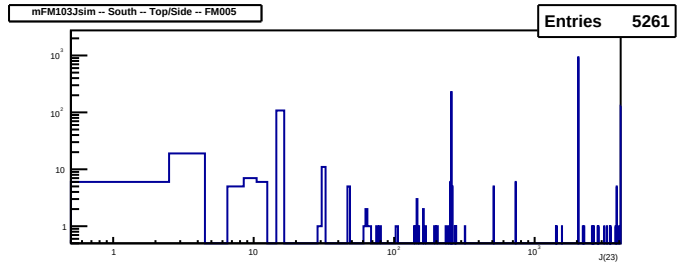

mFM102JP -- South -- Bottom -- FM004
Entries 20000

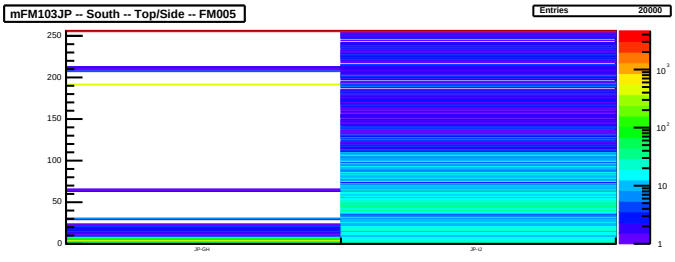

mFM102JPsim -- South -- Bottom -- FM004
Entries 12975

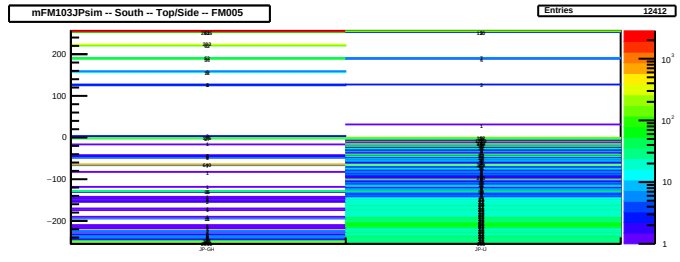

mFM103BS -- South -- Top/Side --FM005
Entries 40000

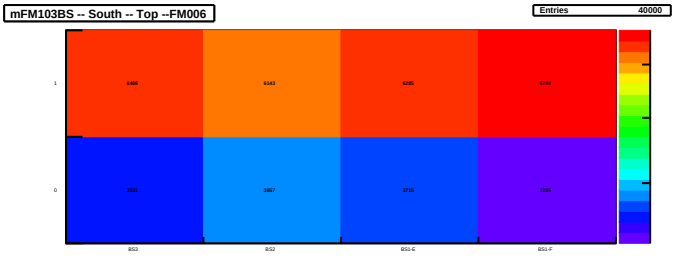

mFM103BSsim -- South -- Top/Side --FM0005
Entries 18348

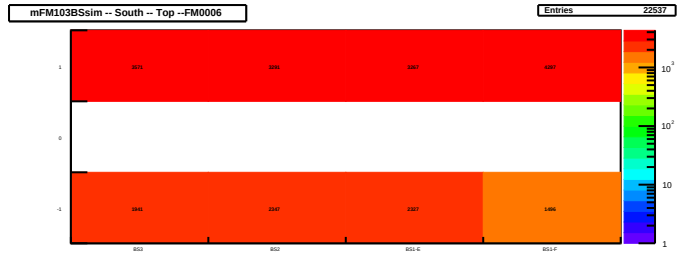

mFM103J -- South -- Top/Side -- FM005
Entries 10000
J(23)

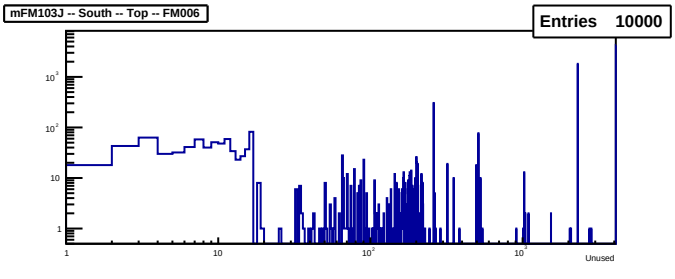

mFM103Jsim -- South -- Top/Side -- FM005
Entries 5261
J(23)

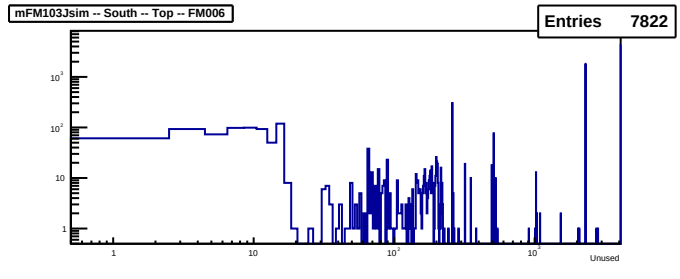

mFM103JP -- South -- Top/Side -- FM005
Entries 20000

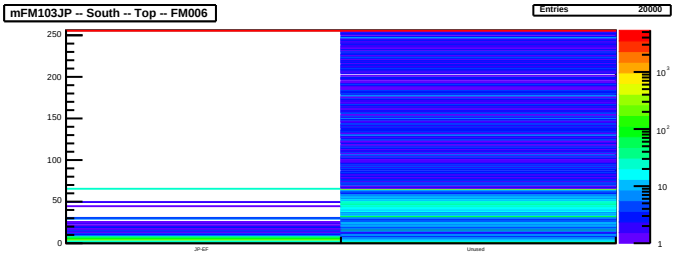

mFM103JPsim -- South -- Top/Side -- FM005
Entries 12412

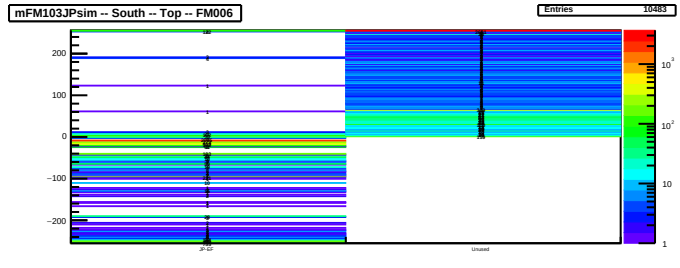

mFM103BS -- South -- Top --FM006
Entries 40000

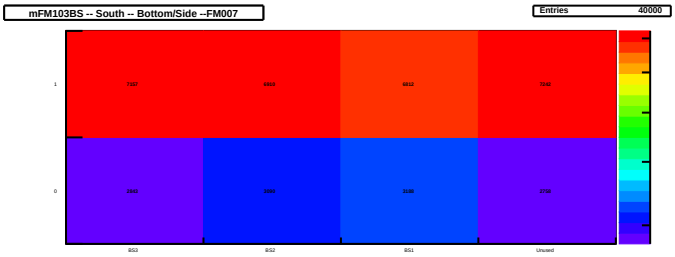

mFM103BSsim -- South -- Top --FM0006
Entries 22537

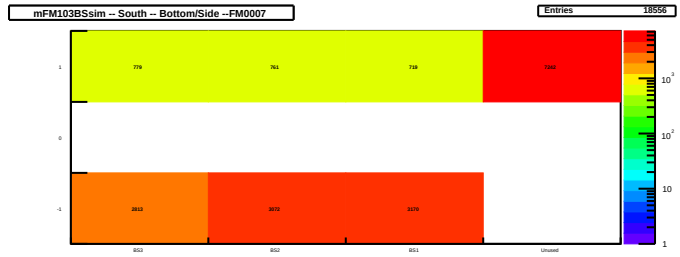

mFM103J -- South -- Top -- FM006
Entries 10000
Unused

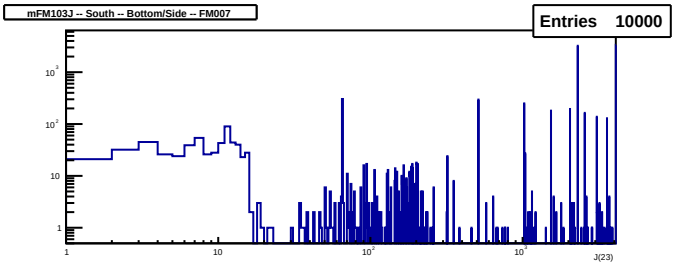

mFM103Jsim -- South -- Top -- FM006
Entries 7822
Unused

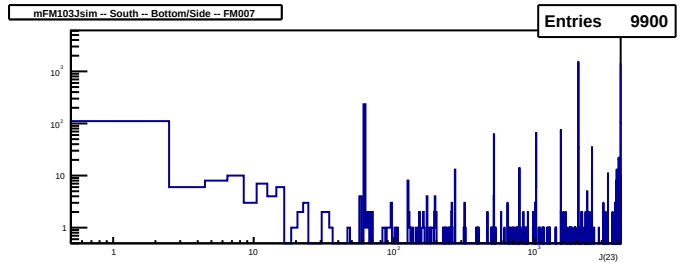

mFM103JP -- South -- Top -- FM006
Entries 20000

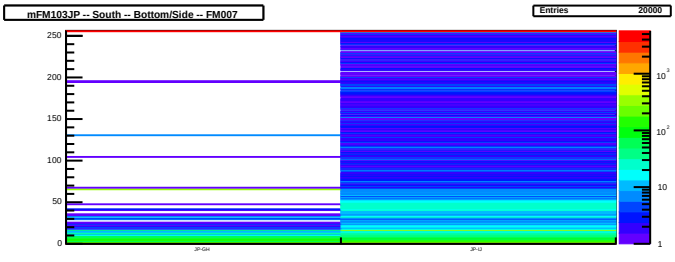

mFM103JPsim -- South -- Top -- FM006
Entries 10483

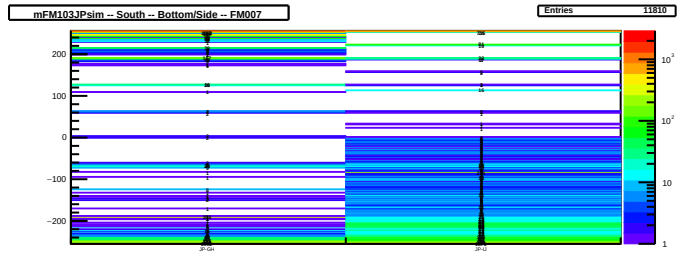

mFM103BS -- South -- Bottom/Side --FM007
Entries 40000

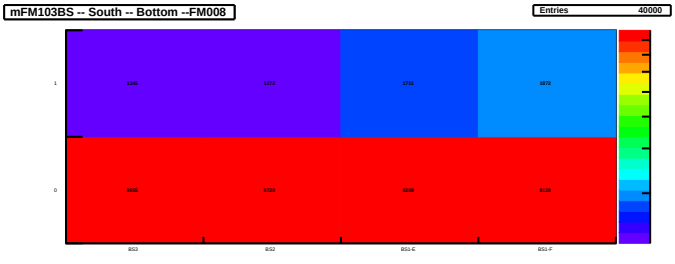

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 18556

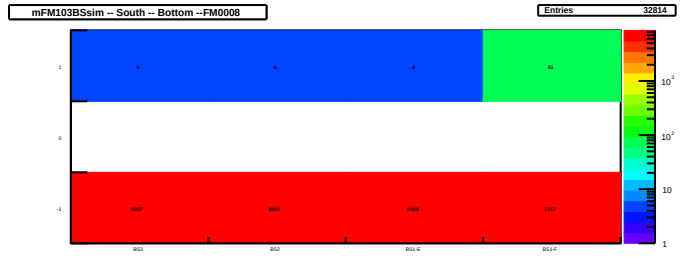

mFM103J -- South -- Bottom/Side -- FM007
Entries 10000
J(23)

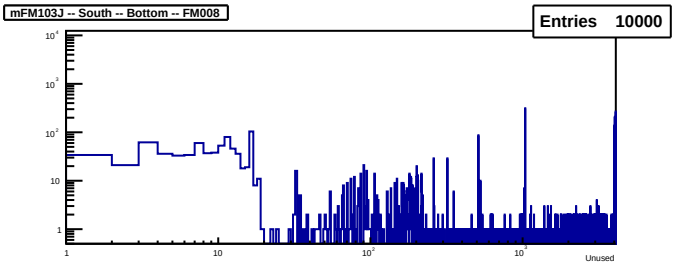

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 9900
J(23)

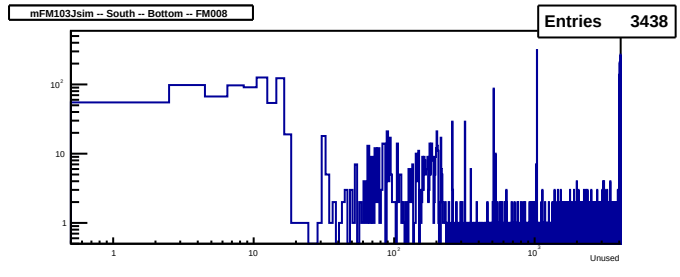

mFM103JP -- South -- Bottom/Side -- FM007
Entries 20000

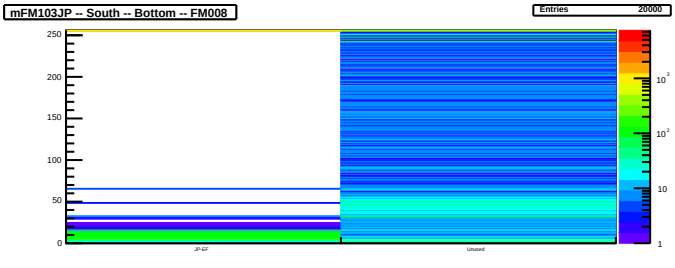

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 11810

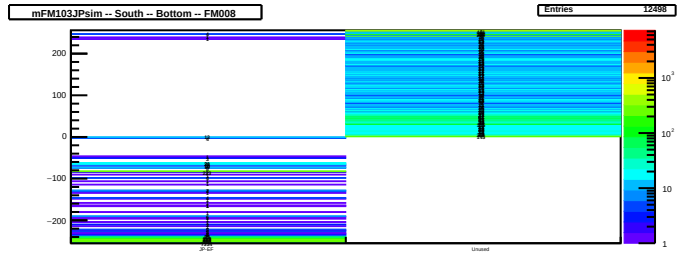

mFM103BS -- South -- Bottom --FM008
Entries 40000

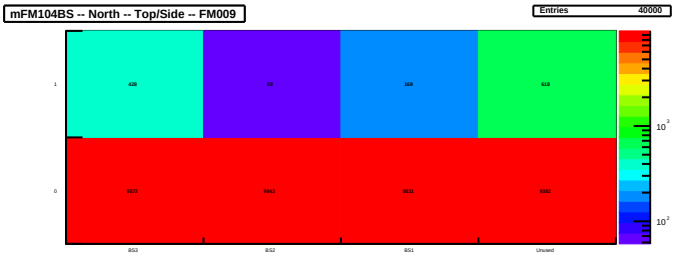

mFM103BSsim -- South -- Bottom --FM0008
Entries 32814

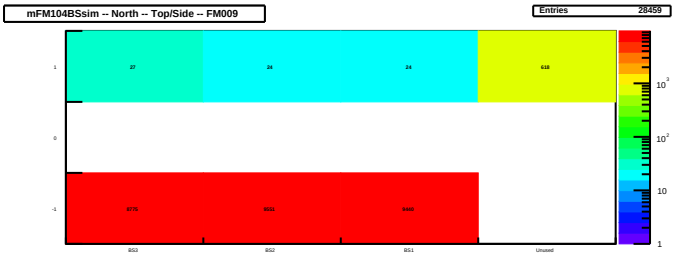

mFM103J -- South -- Bottom -- FM008
Entries 10000
Unused

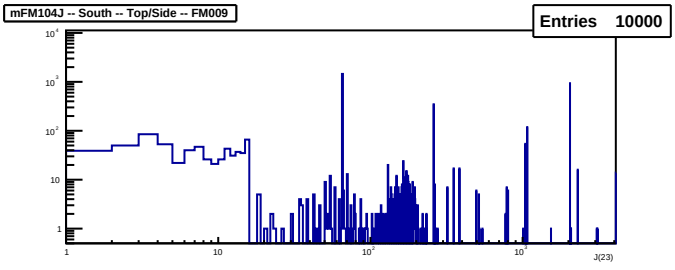

mFM103Jsim -- South -- Bottom -- FM008
Entries 3438
Unused

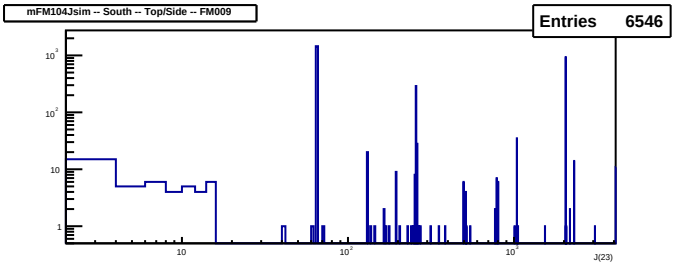

mFM103JP -- South -- Bottom -- FM008
Entries 20000

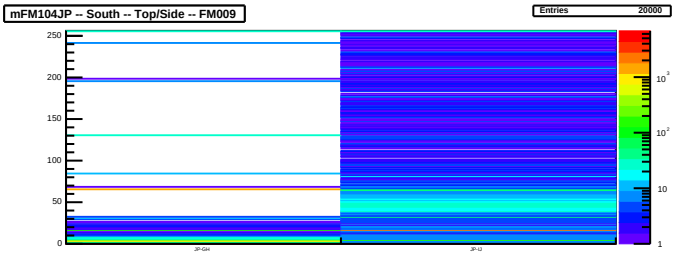

mFM103JPsim -- South -- Bottom -- FM008
Entries 12498

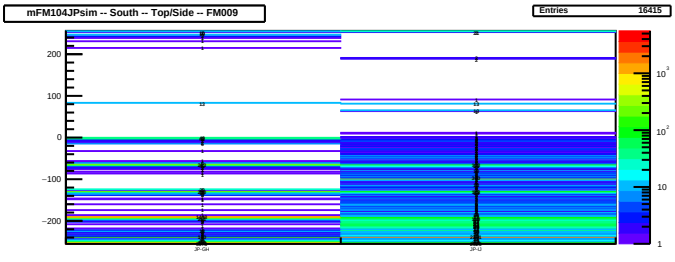

mFM104BS -- North -- Top/Side -- FM009
Entries 40000

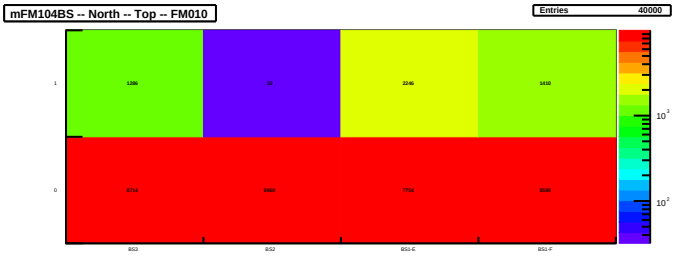

mFM104BSsim -- North -- Top/Side -- FM009
Entries 28459

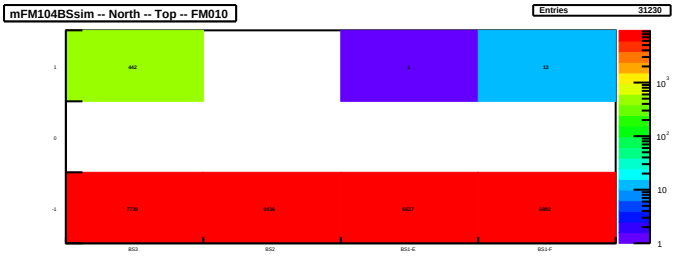

mFM104J -- South -- Top/Side -- FM009
Entries 10000
J(23)

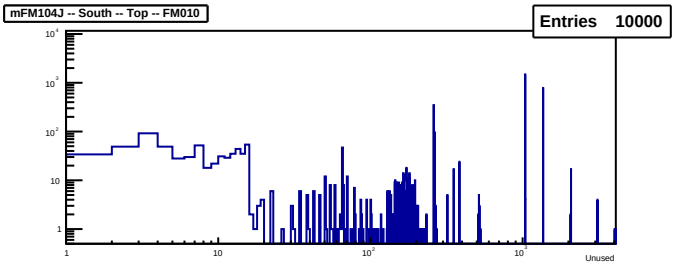

mFM104Jsim -- South -- Top/Side -- FM009
Entries 6546
J(23)

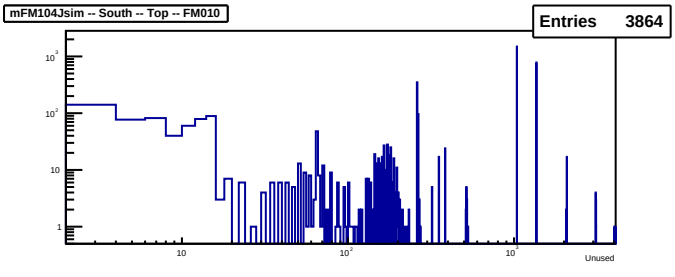

mFM104JP -- South -- Top/Side -- FM009
Entries 20000

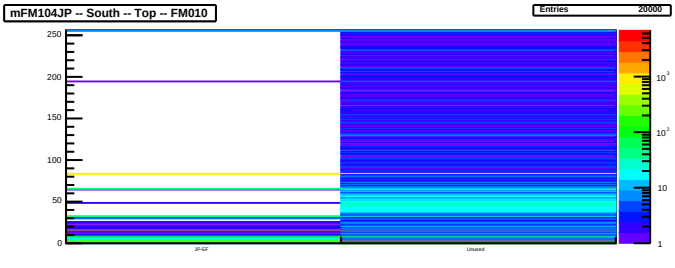

mFM104JPsim -- South -- Top/Side -- FM009
Entries 16415

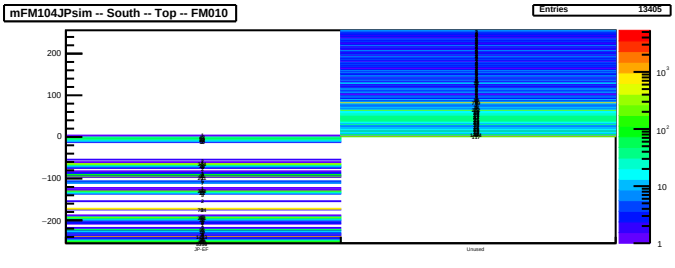

mFM104BS -- North -- Top -- FM010
Entries 40000

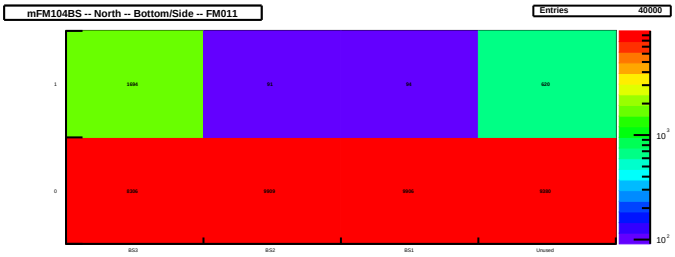

mFM104BSsim -- North -- Top -- FM010
Entries 31230

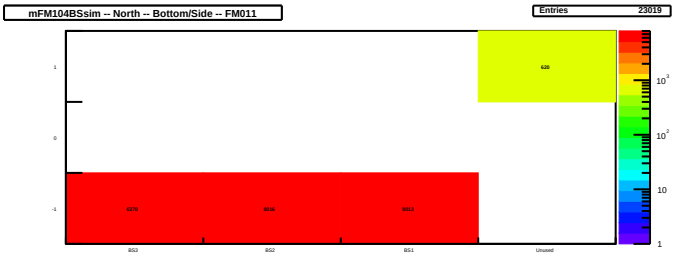

mFM104J -- South -- Top -- FM010
Entries 10000
Unused

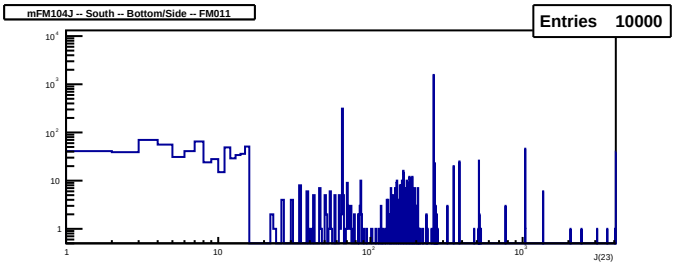

mFM104Jsim -- South -- Top -- FM010
Entries 3864
Unused

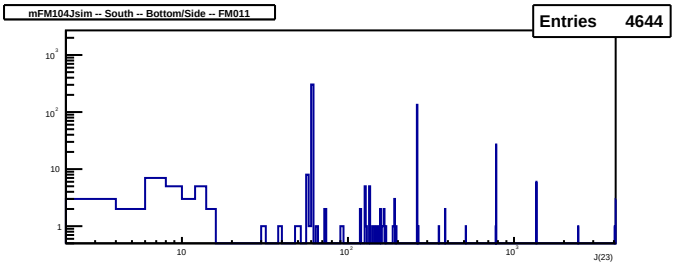

mFM104JP -- South -- Top -- FM010
Entries 20000

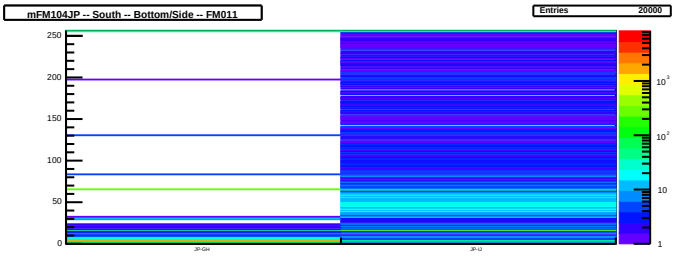

mFM104JPsim -- South -- Top -- FM010
Entries 13405

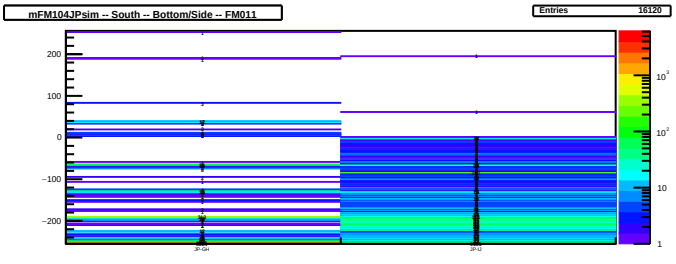

mFM104BS -- North -- Bottom/Side -- FM011
Entries 40000

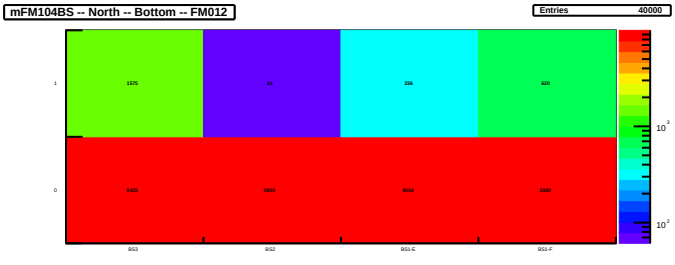

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 23019

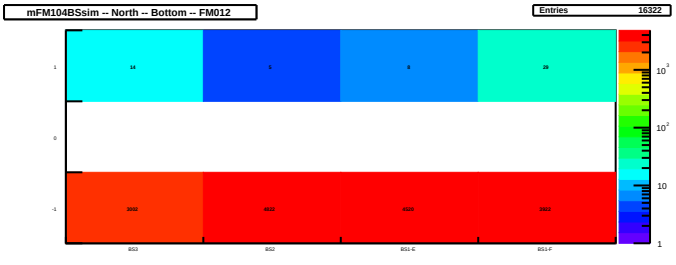

mFM104J -- South -- Bottom/Side -- FM011
Entries 10000
J(23)

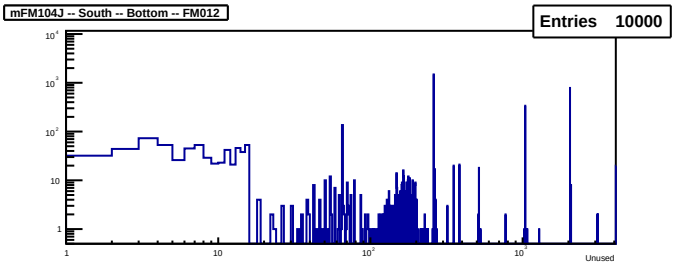

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 4644
J(23)

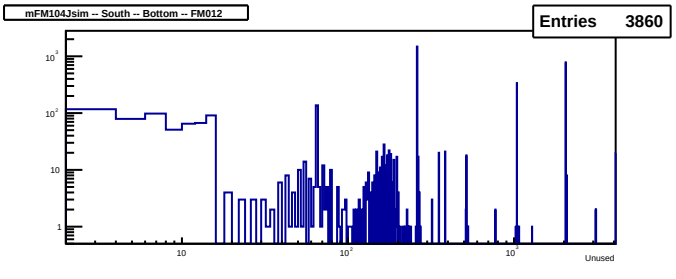

mFM104JP -- South -- Bottom/Side -- FM011
Entries 20000

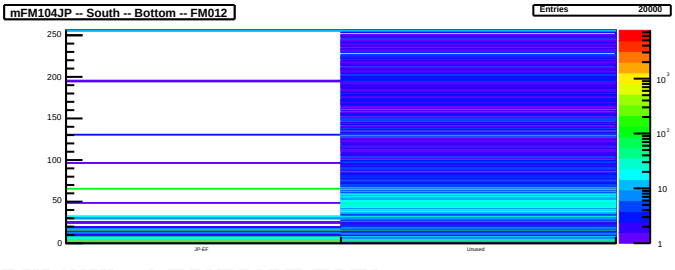

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 16120

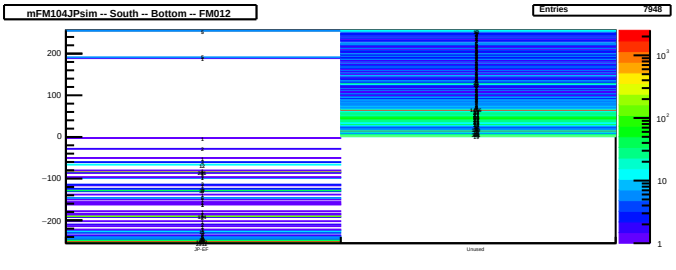

mFM104BS -- North -- Bottom -- FM012
Entries 40000

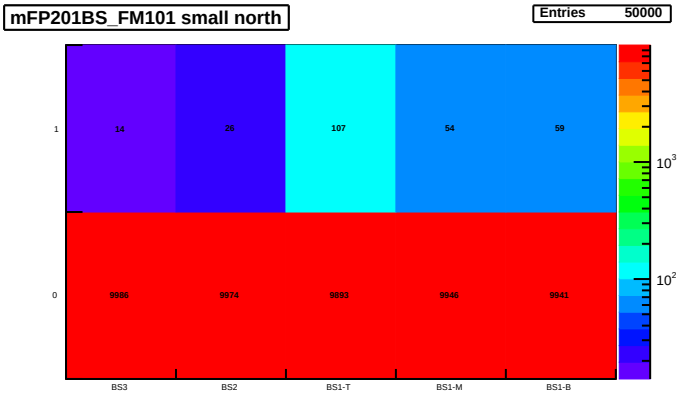

mFM104BSsim -- North -- Bottom -- FM012
Entries 16322

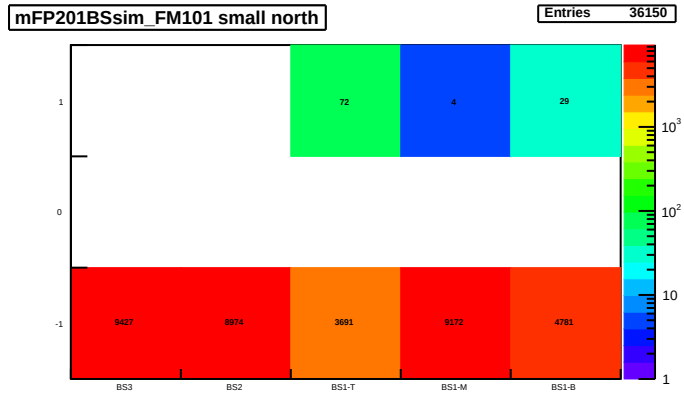

mFM104J -- South -- Bottom -- FM012
Entries 10000
Unused

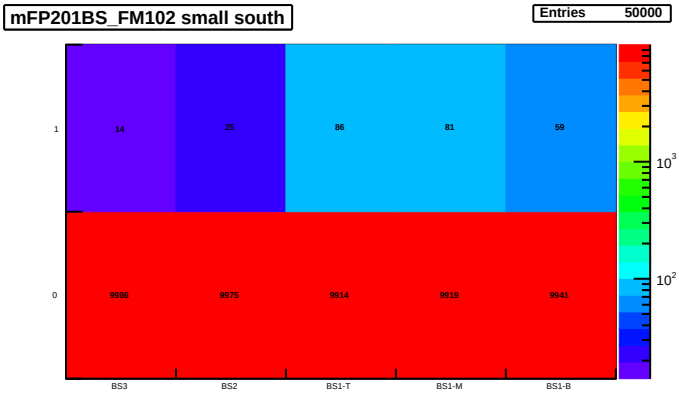

mFM104Jsim -- South -- Bottom -- FM012
Entries 3860
Unused

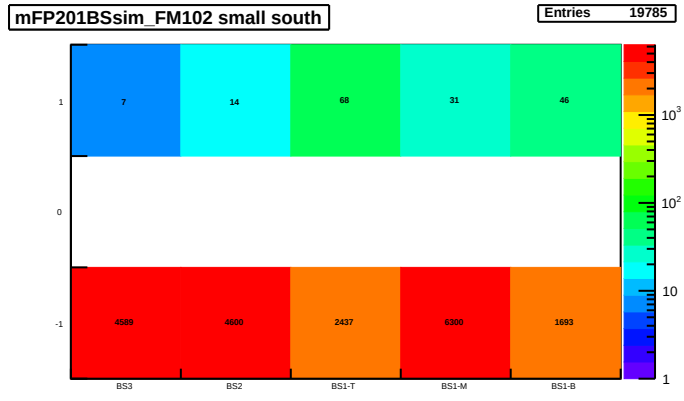

mFM104JP -- South -- Bottom -- FM012
Entries 20000

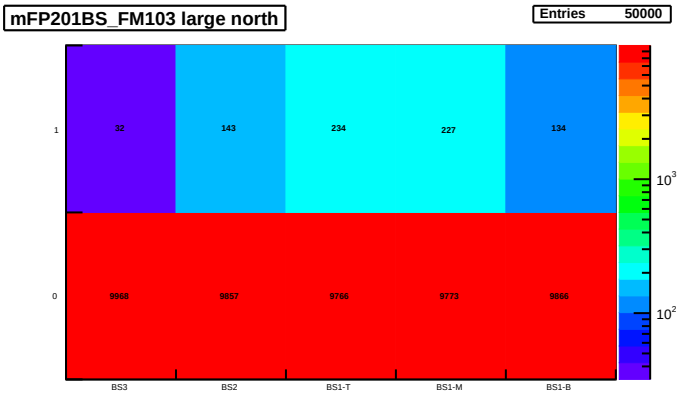

mFM104JPsim -- South -- Bottom -- FM012
Entries 7948

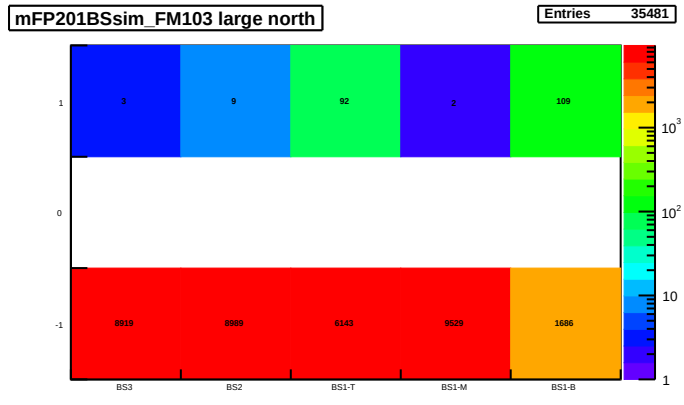

mFP201BS_FM101 small north
Entries 50000
1
0
14
26
107
54
59
9986
9974
9893
9946
9941
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

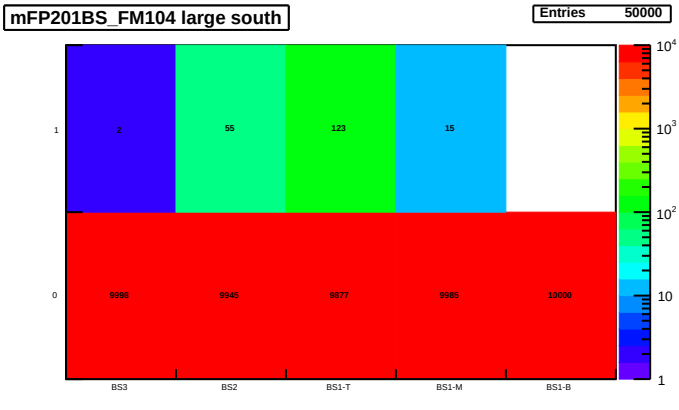

mFP201BSsim_FM101 small north
Entries 36150
1
0
-1
72
4
29
9427
8974
3691
9172
4781
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

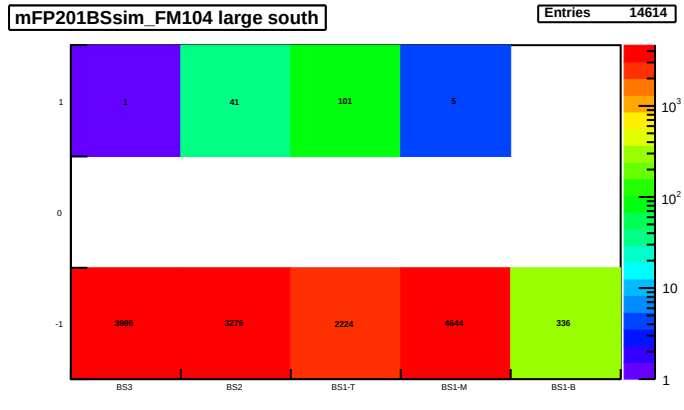

mFP201BS_FM102 small south
Entries 50000
1
0
14
25
86
81
59
9986
9975
9914
9919
9941
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

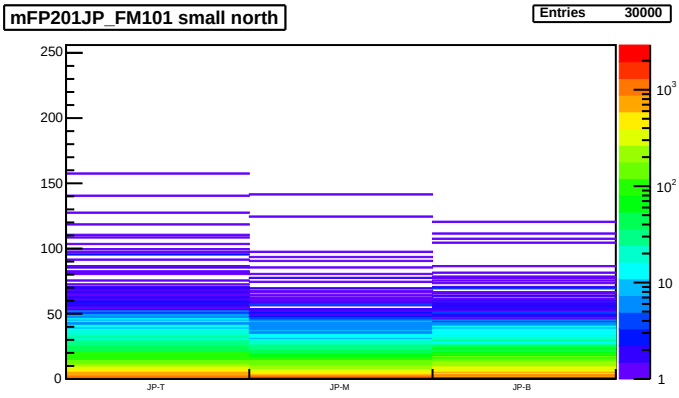

mFP201BSsim_FM102 small south
Entries 19785
1
0
-1
7
14
68
31
46
4589
4600
2437
6300
1693
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

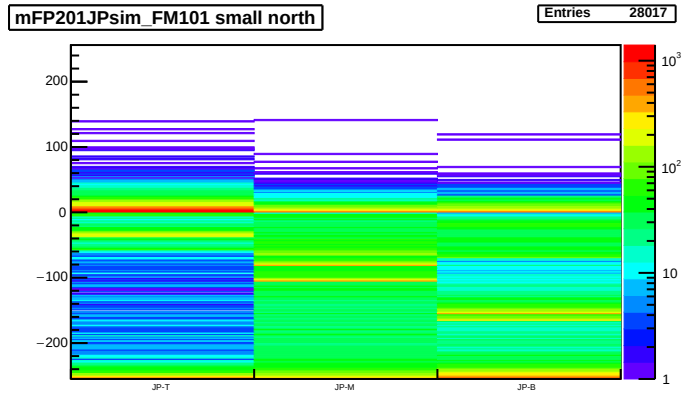

mFP201BS_FM103 large north
Entries 50000
1
0
32
143
234
227
134
9968
9857
9766
9773
9866
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

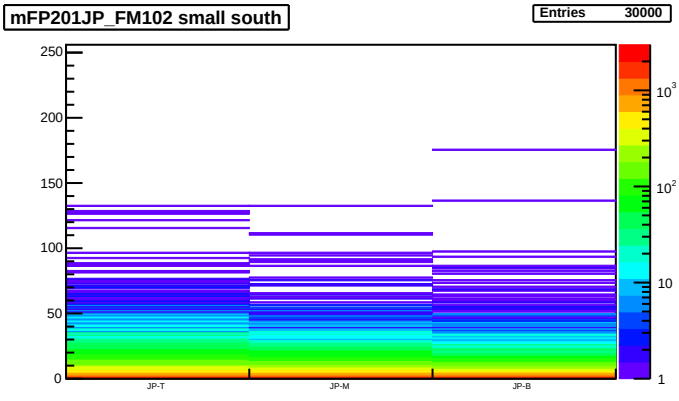

mFP201BSsim_FM103 large north
Entries 35481
1
0
-1
3
9
92
2
109
8919
8989
6143
9529
1686
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

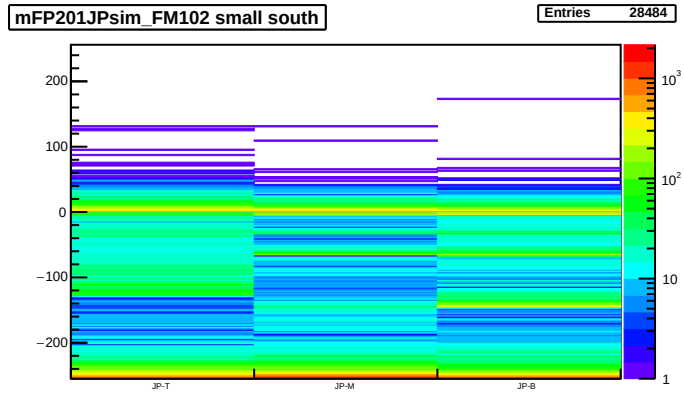

mFP201BS_FM104 large south
Entries 50000
1
0
2
55
123
15
9998
9945
9877
9985
10000
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

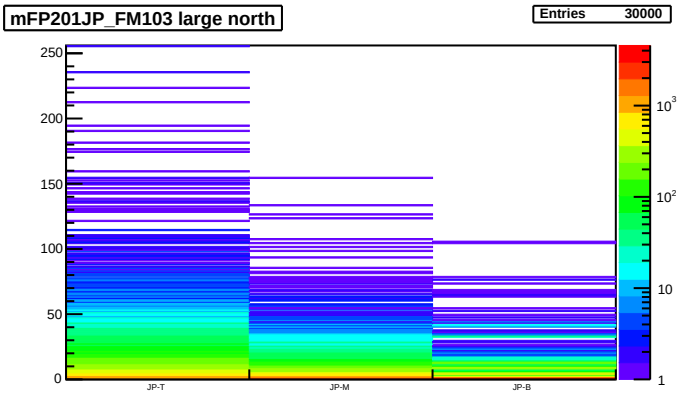

mFP201BSsim_FM104 large south
Entries 14614
1
0
-1
1
41
101
5
3986
3276
2224
4644
336
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

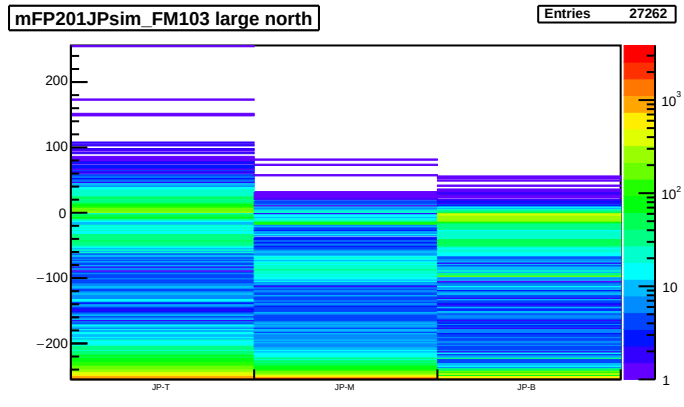

mFP201JP_FM101 small north
Entries 30000
JP-T
JP-M
JP-B

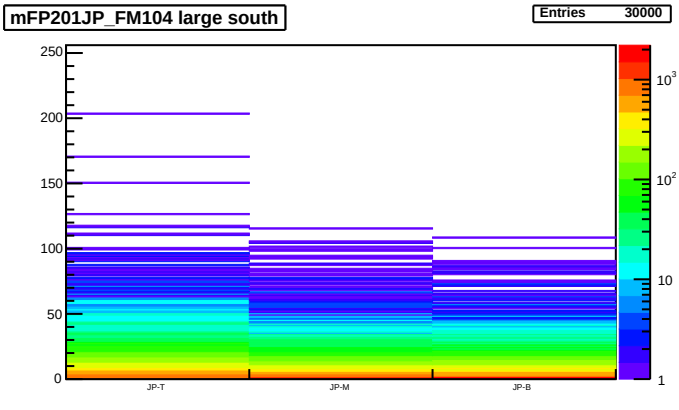

mFP201JPsim_FM101 small north
Entries 28017
JP-T
JP-M
JP-B

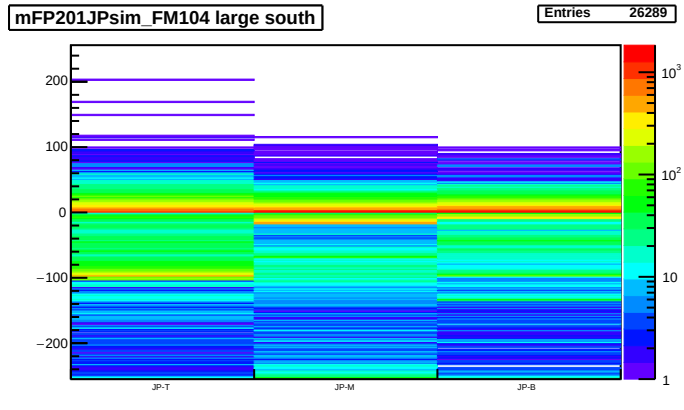

mFP201JP_FM102 small south
Entries 30000
JP-T
JP-M
JP-B

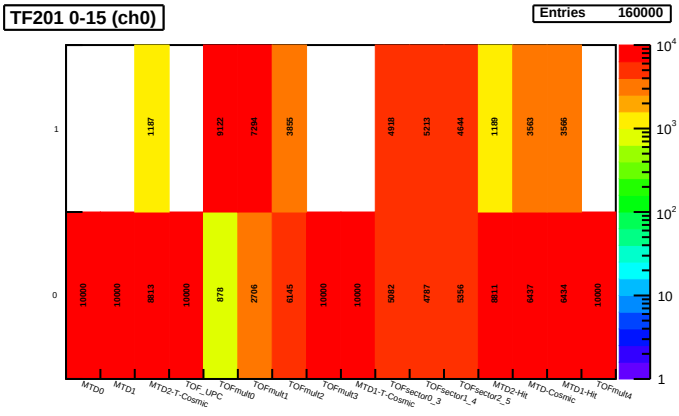

mFP201JPsim_FM102 small south
Entries 28484
JP-T
JP-M
JP-B

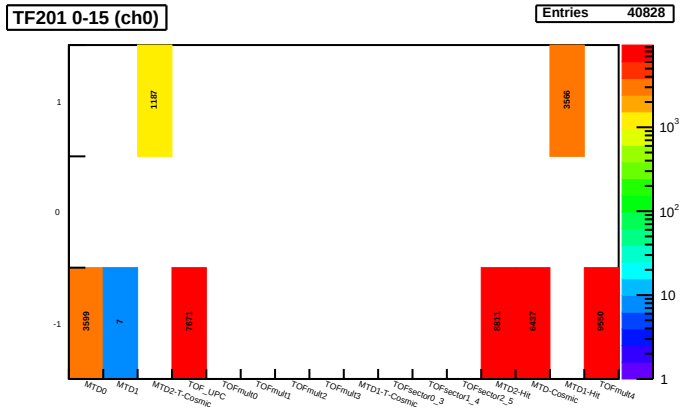

mFP201JP_FM103 large north
Entries 30000
JP-T
JP-M
JP-B

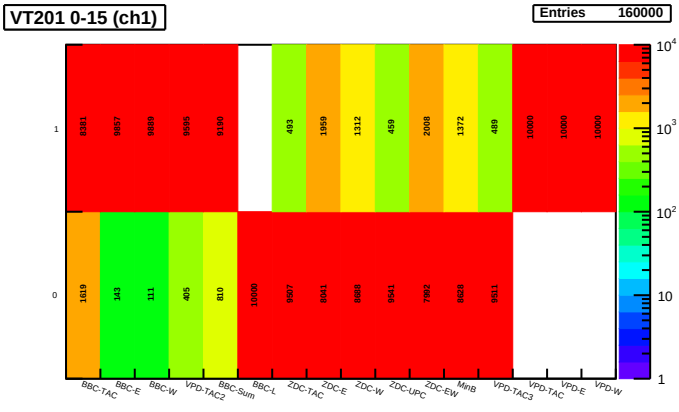

mFP201JPsim_FM103 large north
Entries 27262
JP-T
JP-M
JP-B

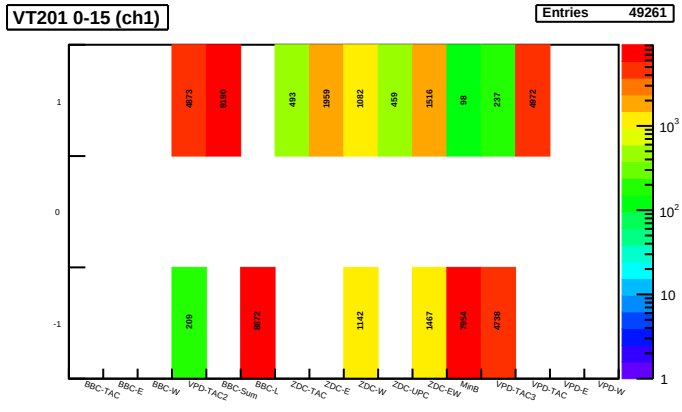

mFP201JP_FM104 large south
Entries 30000
JP-T
JP-M
JP-B

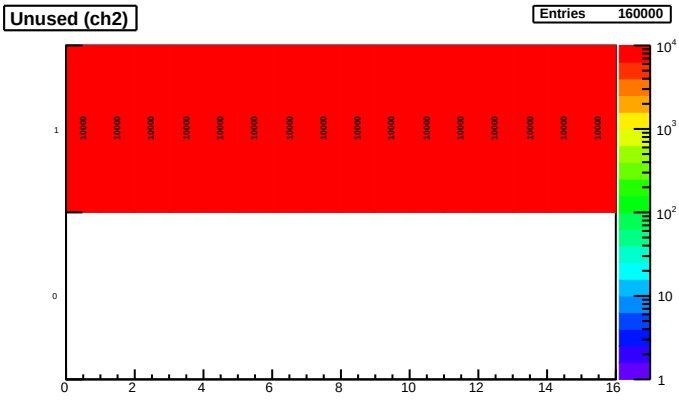

mFP201JPsim_FM104 large south
Entries 26289
JP-T
JP-M
JP-B

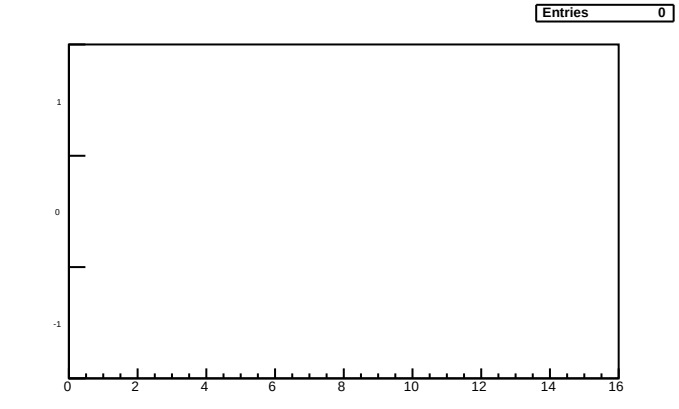

TF201 0-15 (ch0)
Entries 160000
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

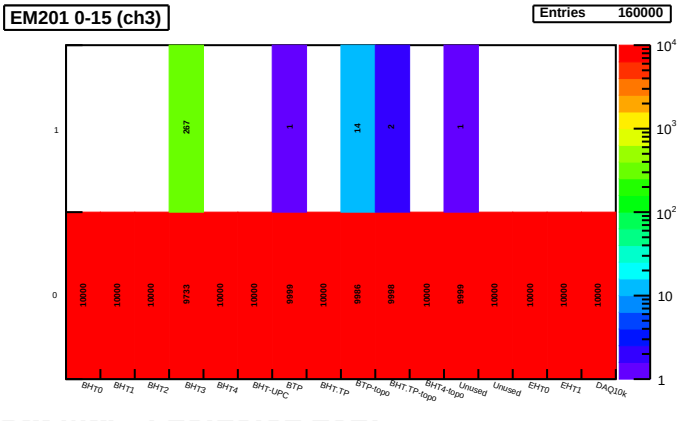

TF201 0-15 (ch0)
Entries 40828
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

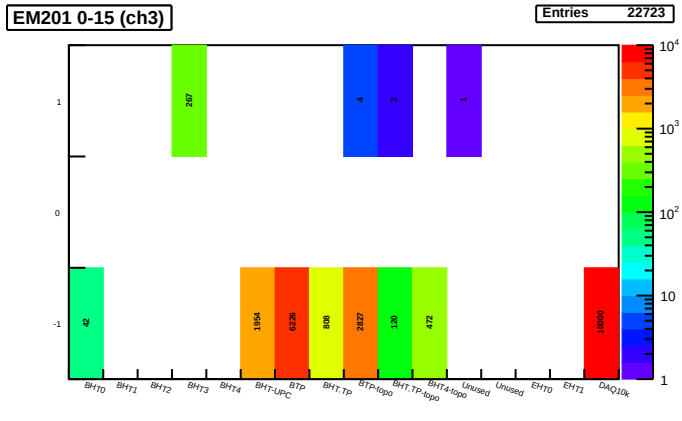

VT201 0-15 (ch1)
Entries 160000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

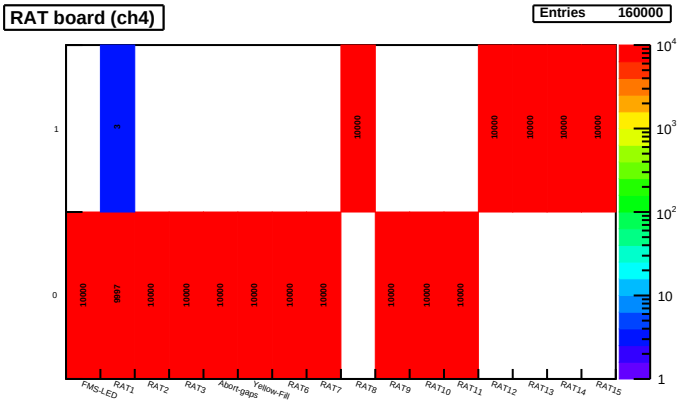

VT201 0-15 (ch1)
Entries 49261
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

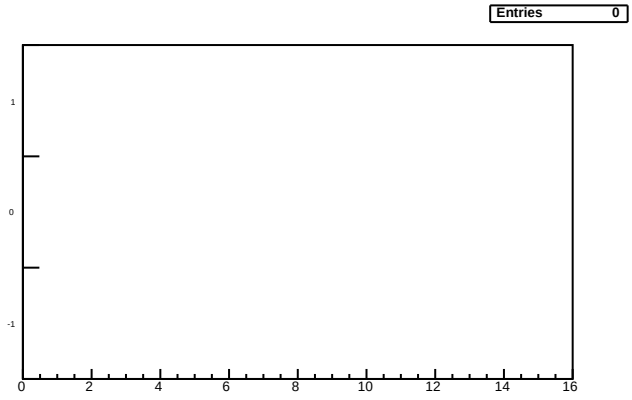

Unused (ch2)
Entries 160000

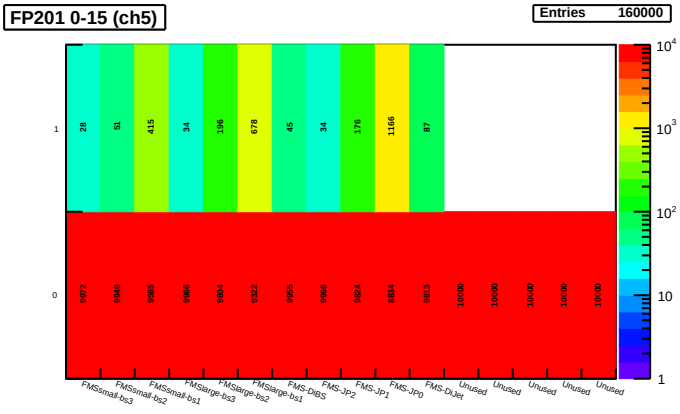

Entries 0

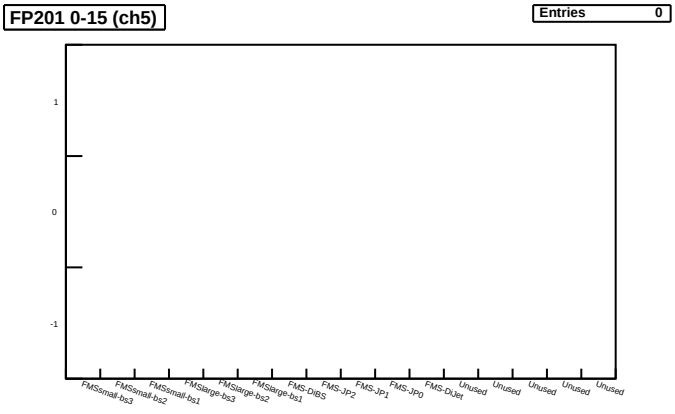

EM201 0-15 (ch3)
Entries 160000
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

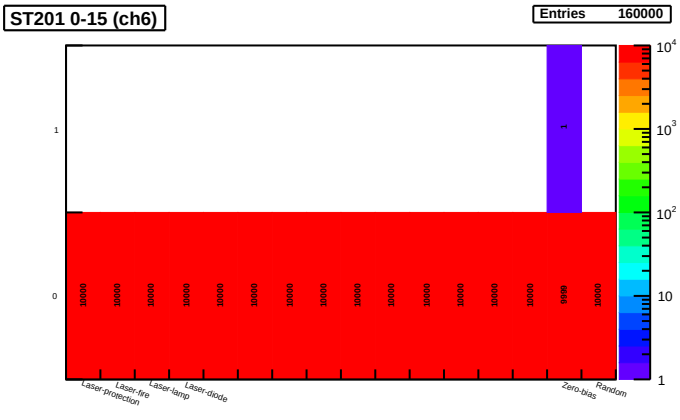

EM201 0-15 (ch3)
Entries 22723
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

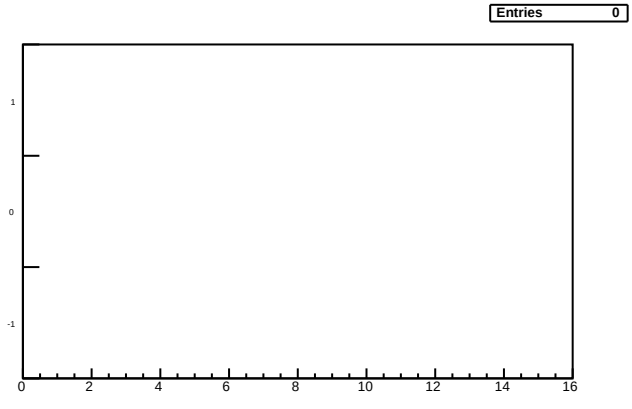

RAT board (ch4)
Entries 160000
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

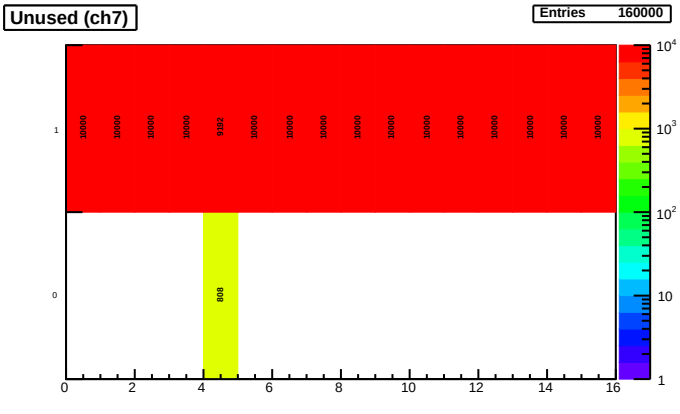

Entries 0

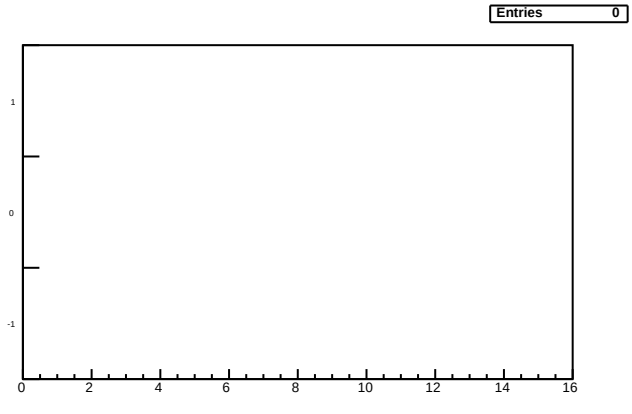

FP201 0-15 (ch5)
Entries 160000
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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)
Entries 160000
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 160000


Entries 0