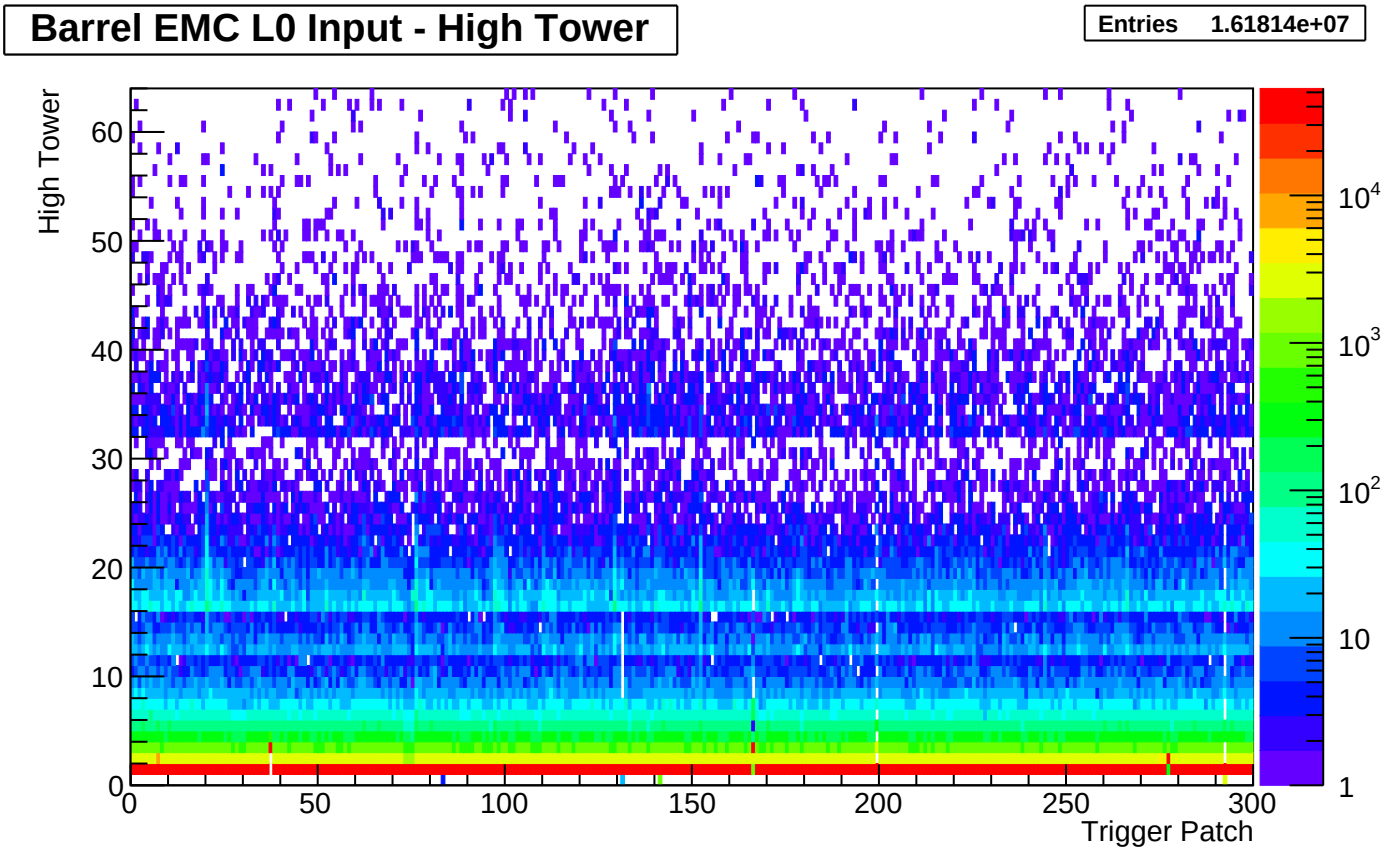
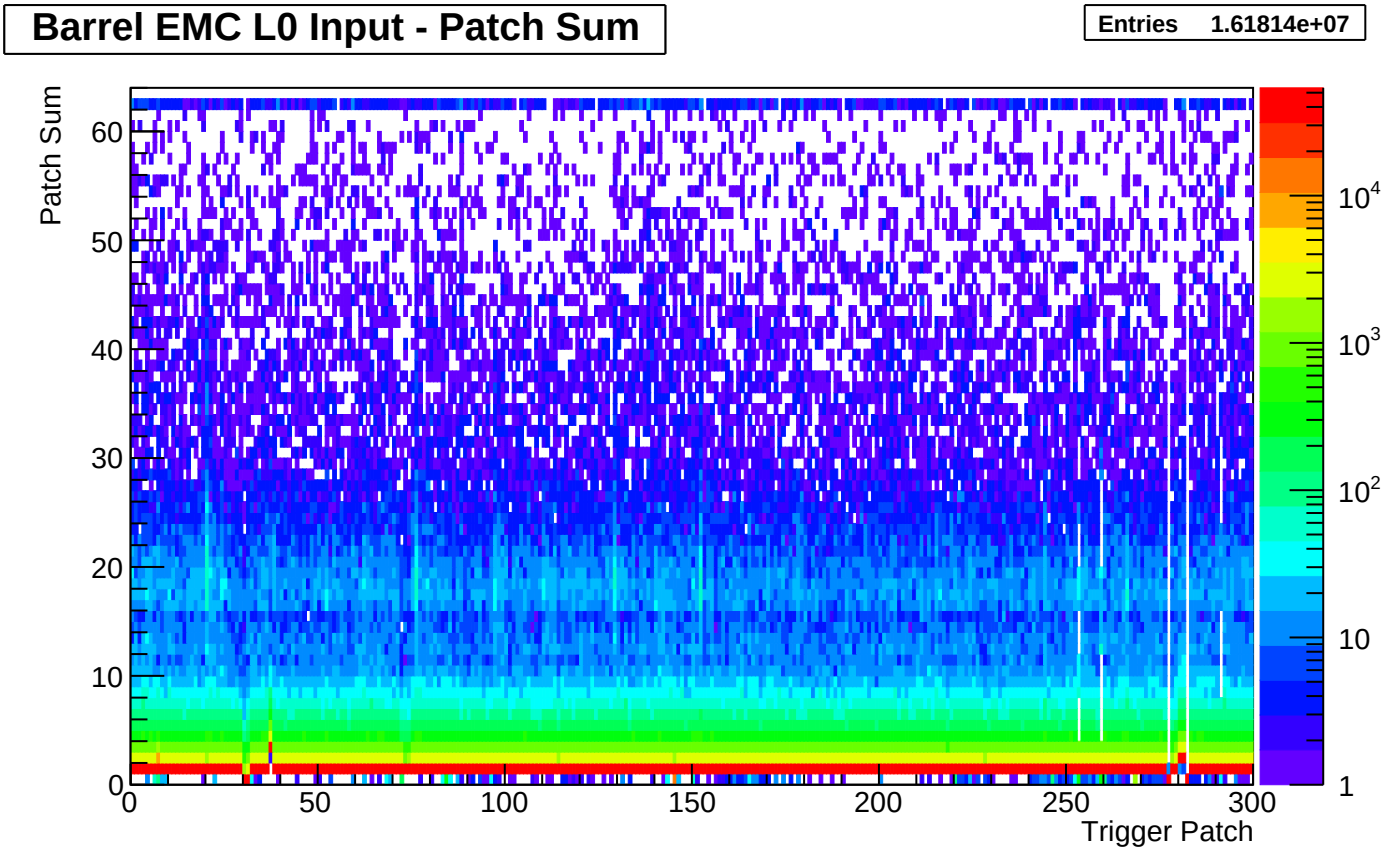
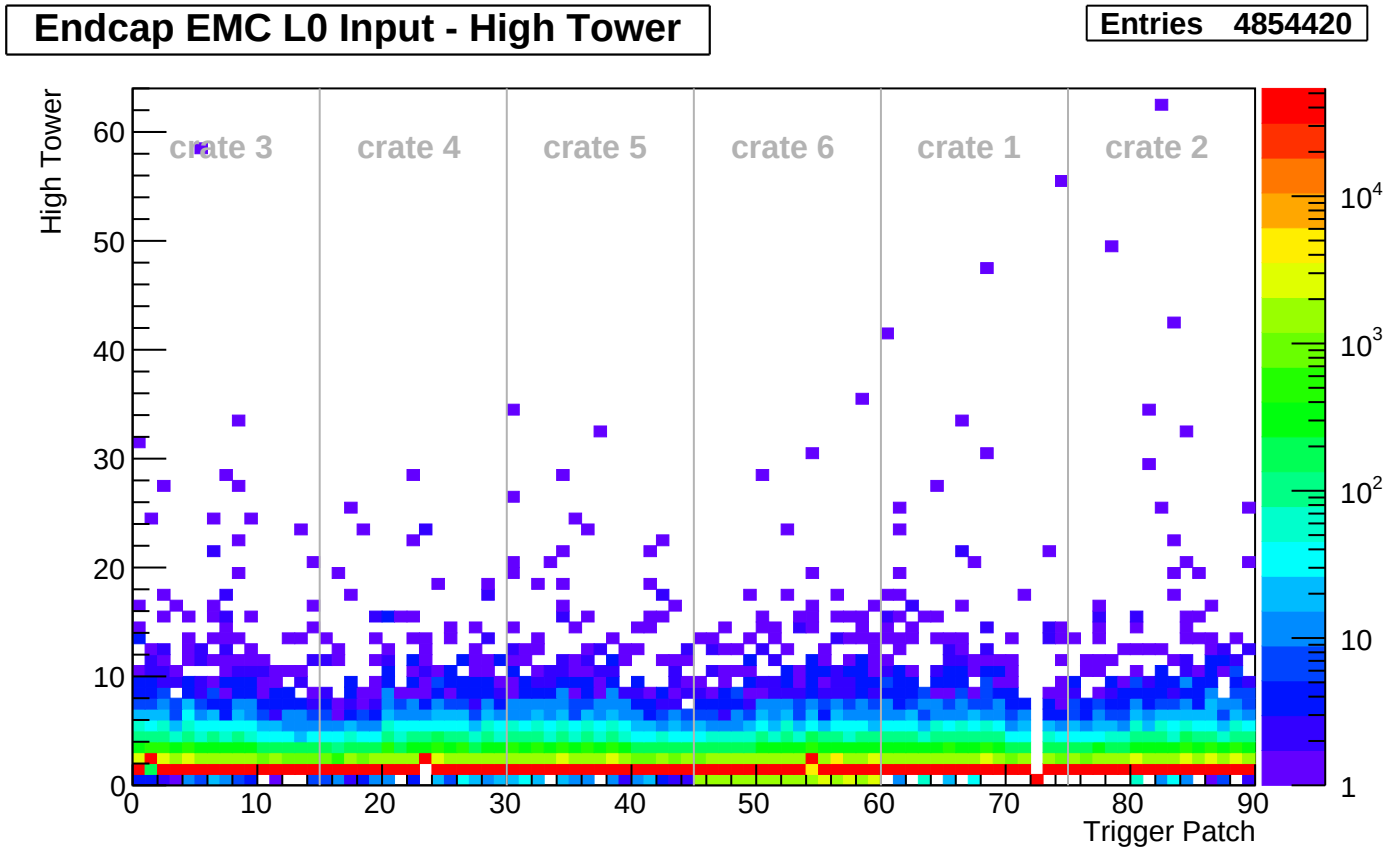
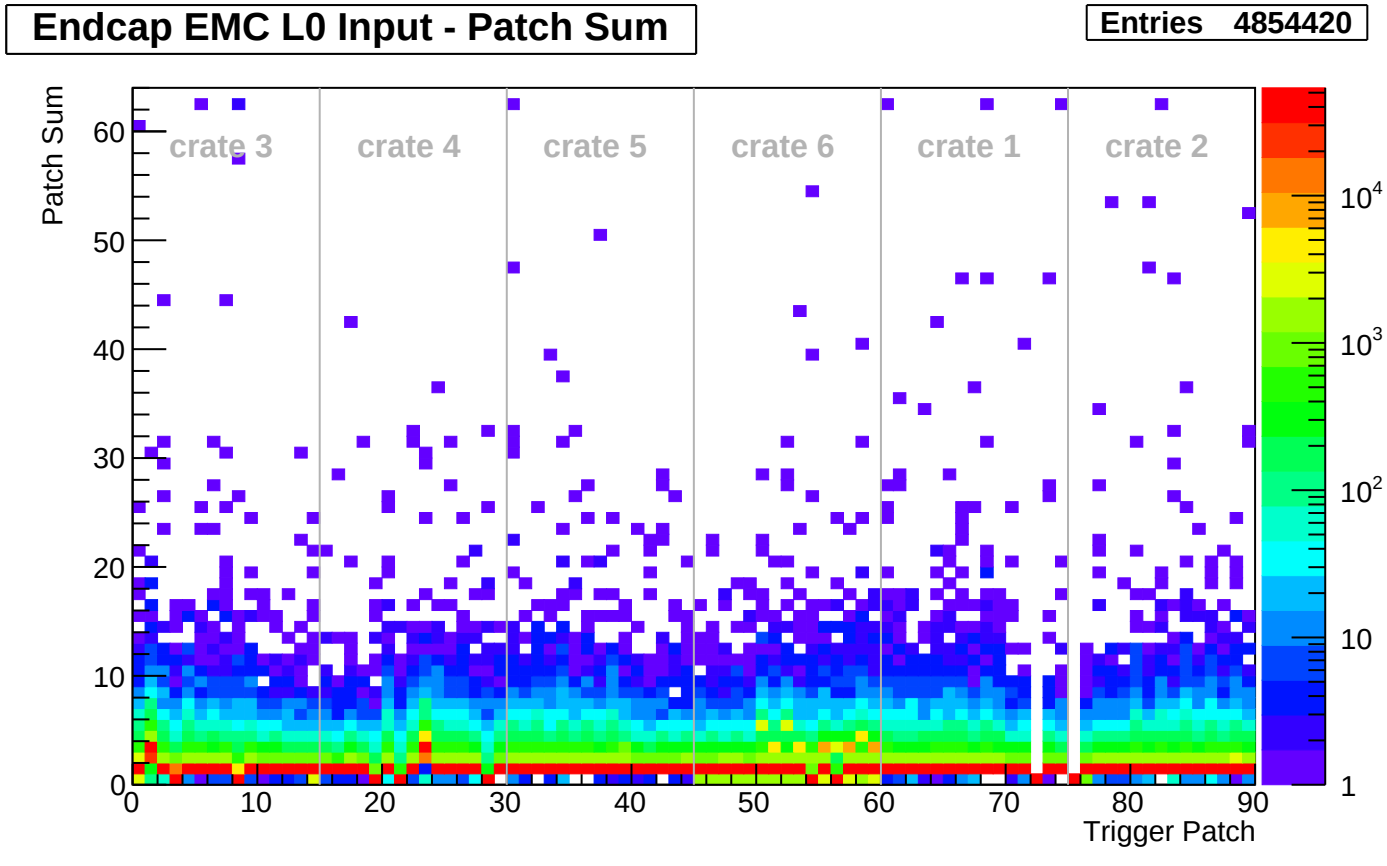
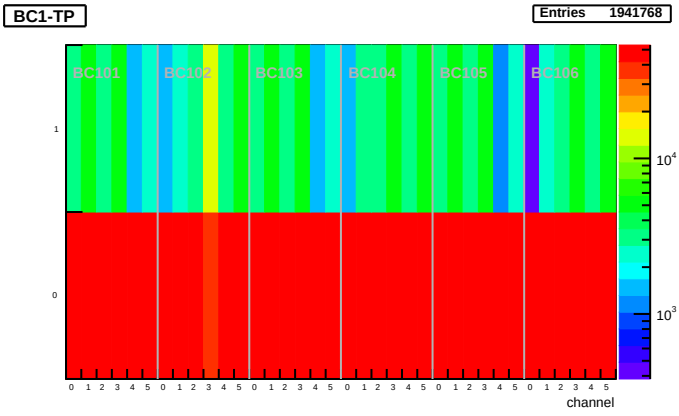
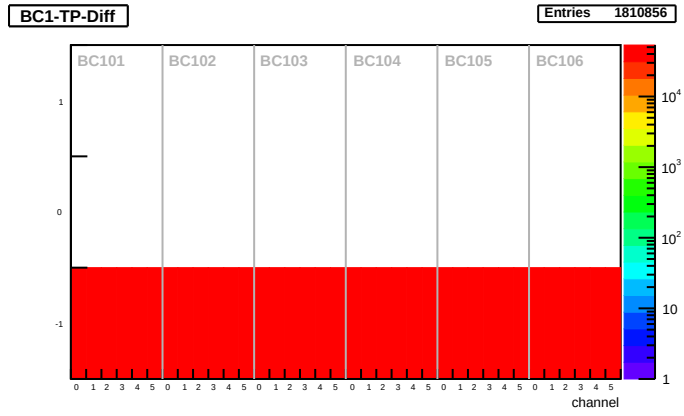

Barrel EMC L0 Input - High Tower
Entries 1.61814e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

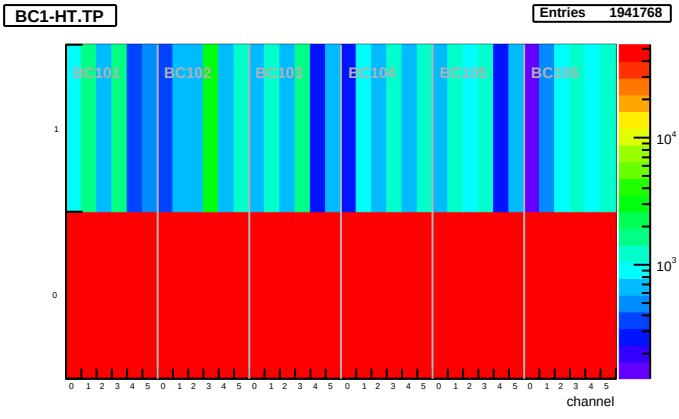

Barrel EMC L0 Input - Patch Sum
Entries 1.61814e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

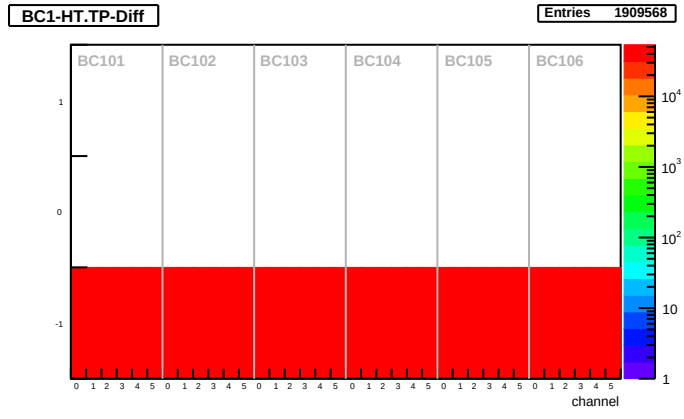

Endcap EMC L0 Input - High Tower
Entries 4854420
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

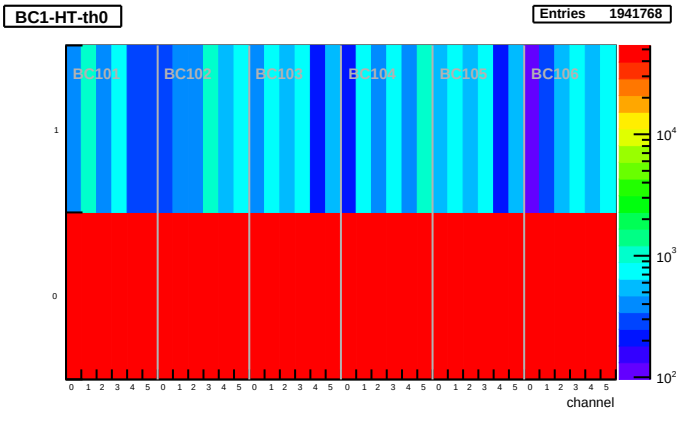

Endcap EMC L0 Input - Patch Sum
Entries 4854420
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

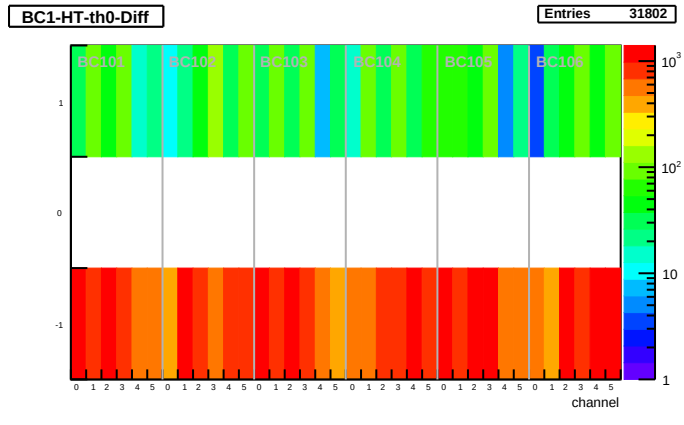

BC1-TP
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

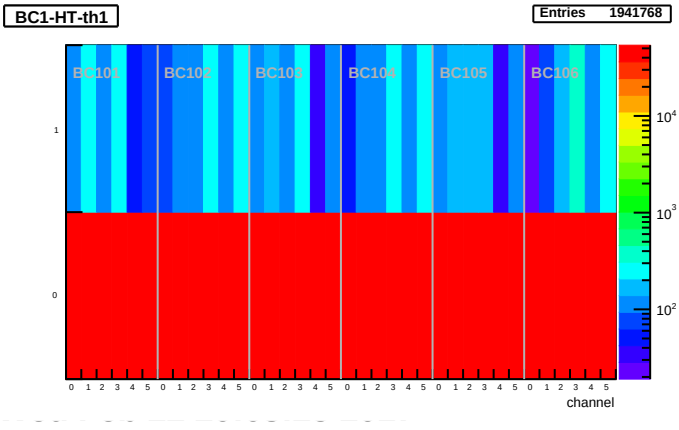

BC1-TP-Diff
Entries 1810856
BC101
BC102
BC103
BC104
BC105
BC106
channel

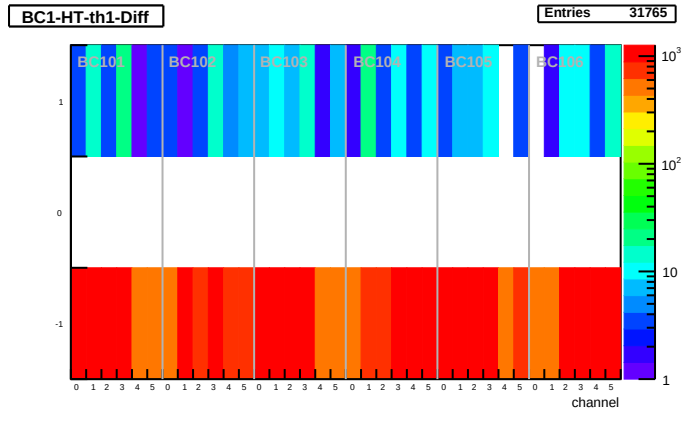

BC1-HT.TP
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

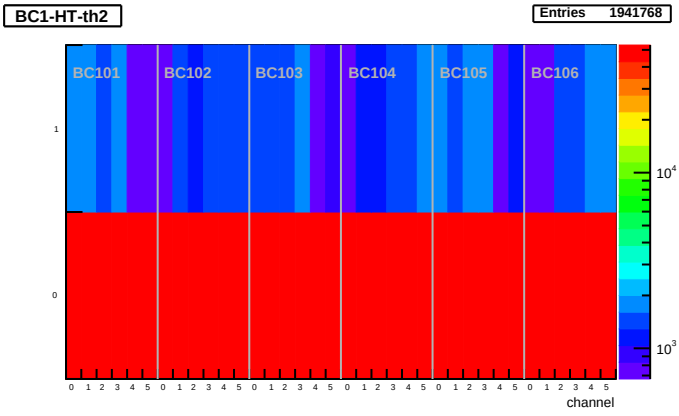

BC1-HT.TP-Diff
Entries 1909568
BC101
BC102
BC103
BC104
BC105
BC106
channel

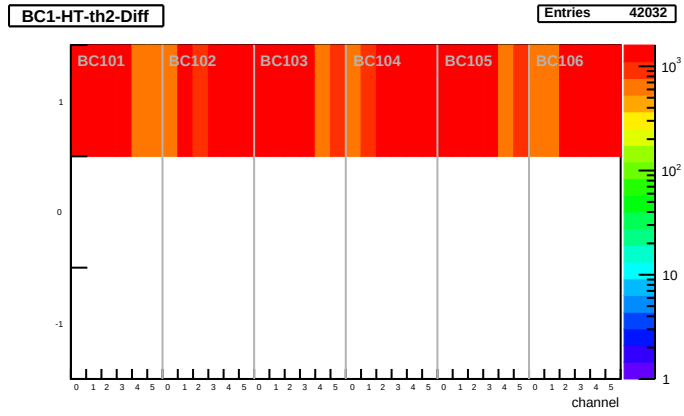

BC1-HT-th0
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

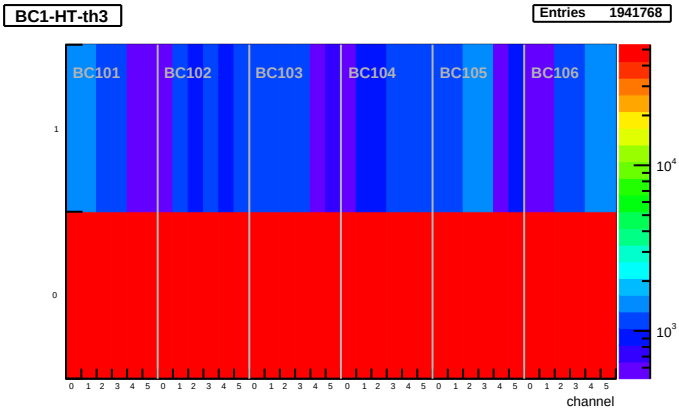

BC1-HT-th0-Diff
Entries 31802
BC101
BC102
BC103
BC104
BC105
BC106
channel

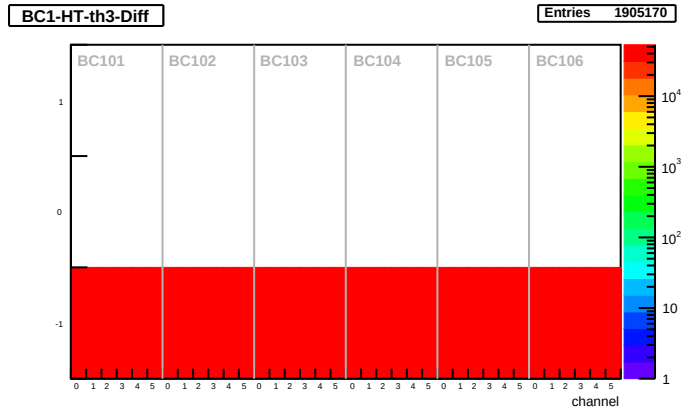

BC1-HT-th1
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

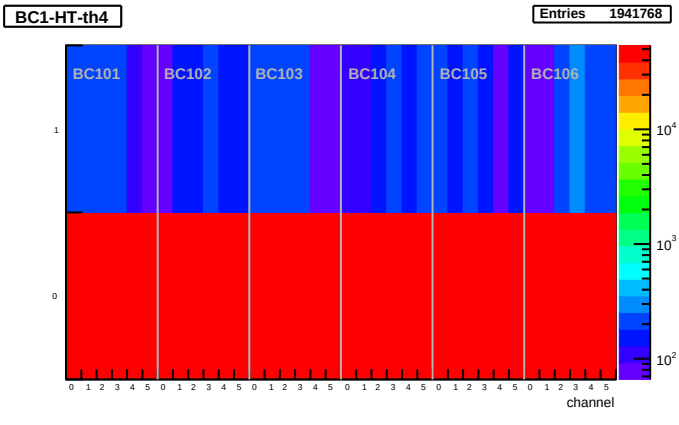

BC1-HT-th1-Diff
Entries 31765
BC101
BC102
BC103
BC104
BC105
BC106
channel

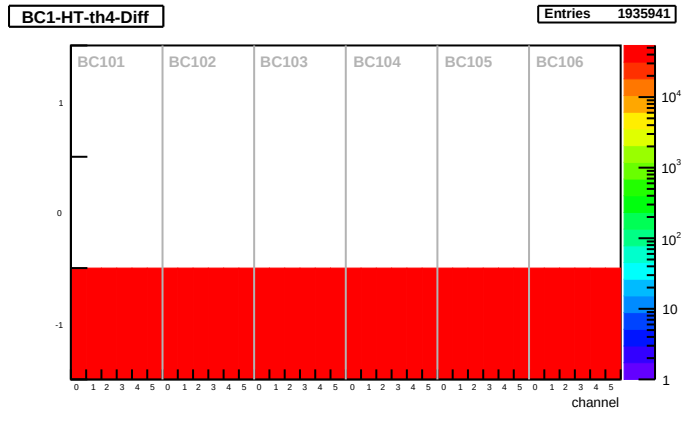

BC1-HT-th2
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

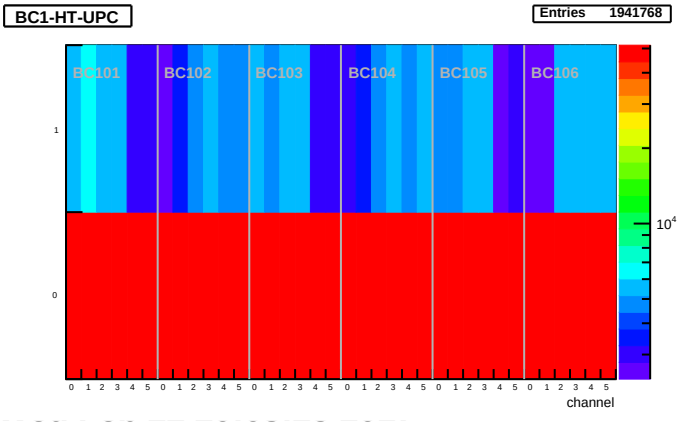

BC1-HT-th2-Diff
Entries 42032
BC101
BC102
BC103
BC104
BC105
BC106
channel

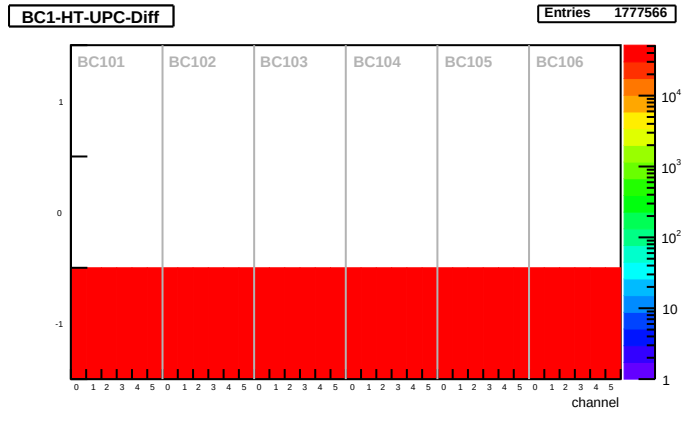

BC1-HT-th3
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

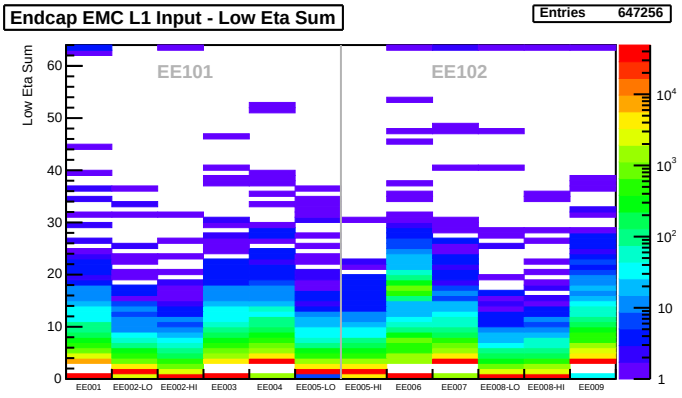

BC1-HT-th3-Diff
Entries 1905170
BC101
BC102
BC103
BC104
BC105
BC106
channel

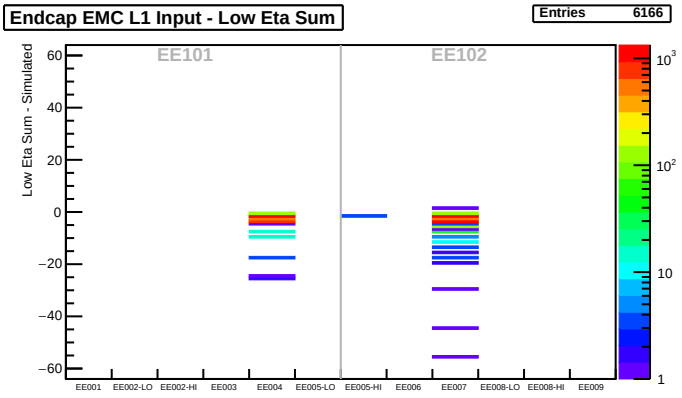

BC1-HT-th4
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

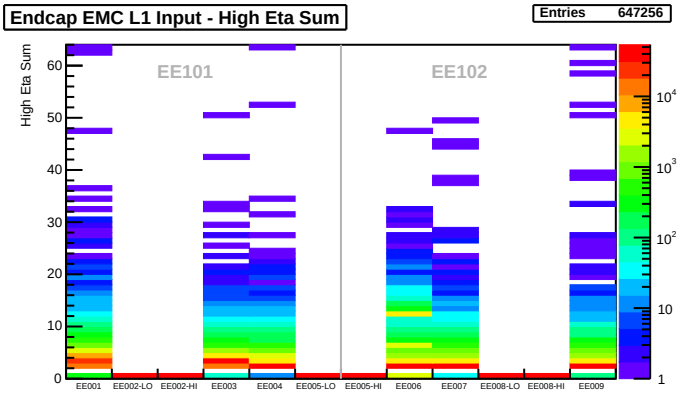

BC1-HT-th4-Diff
Entries 1935941
BC101
BC102
BC103
BC104
BC105
BC106
channel

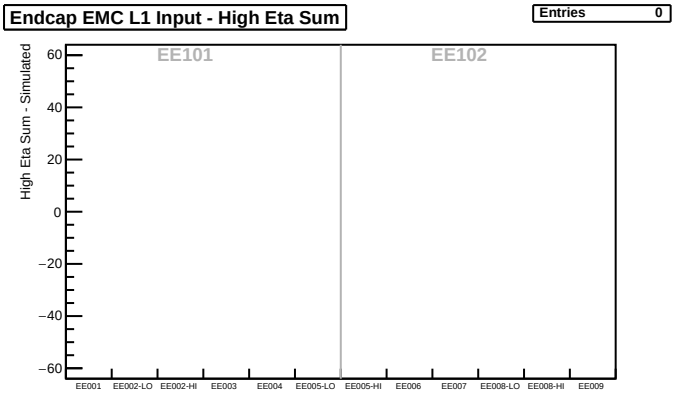

BC1-HT-UPC
Entries 1941768
BC101
BC102
BC103
BC104
BC105
BC106
channel

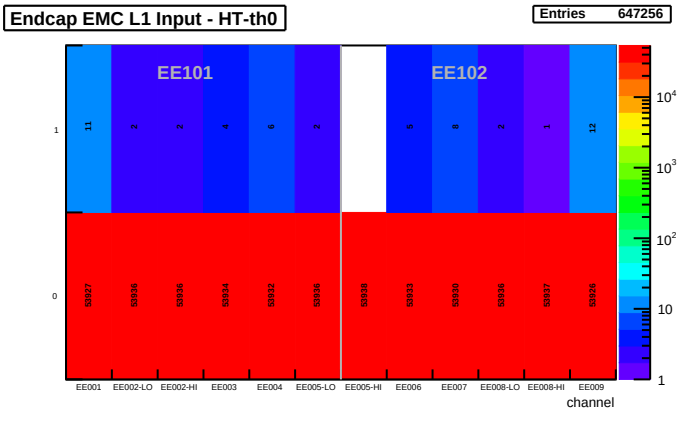

BC1-HT-UPC-Diff
Entries 1777566
BC101
BC102
BC103
BC104
BC105
BC106
channel

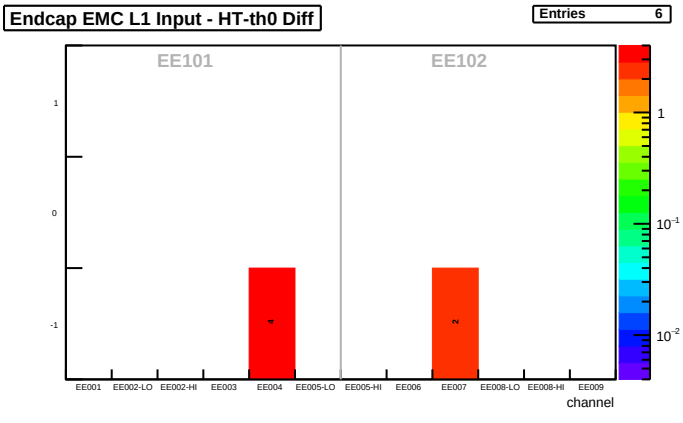

Endcap EMC L1 Input - Low Eta Sum
Entries 647256
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

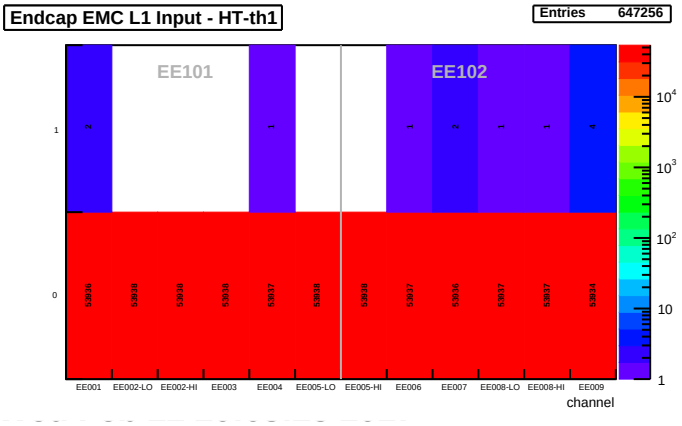

Endcap EMC L1 Input - Low Eta Sum
Entries 6166
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

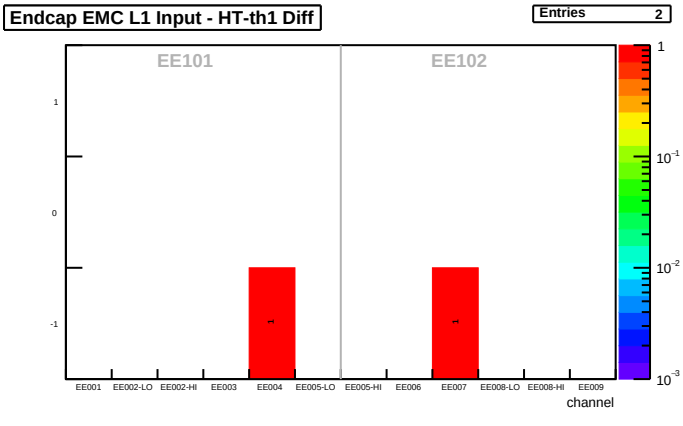

Endcap EMC L1 Input - High Eta Sum
Entries 647256
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

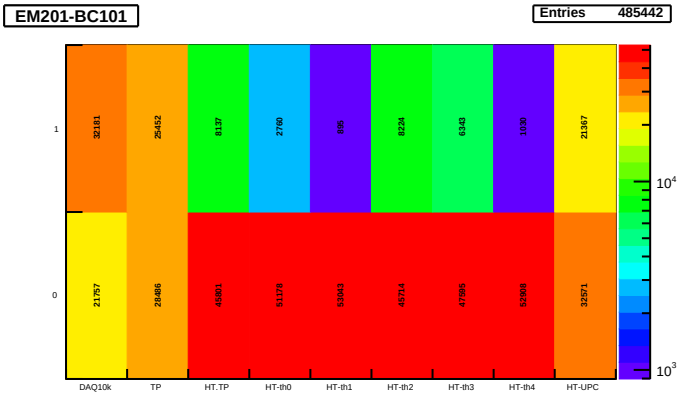

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

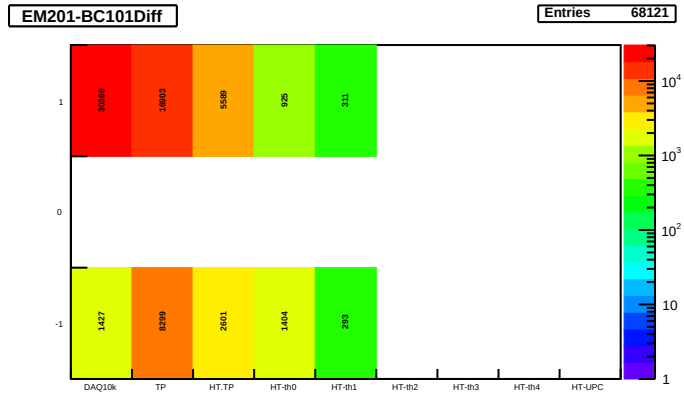

Endcap EMC L1 Input - HT-th0
Entries 647256
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

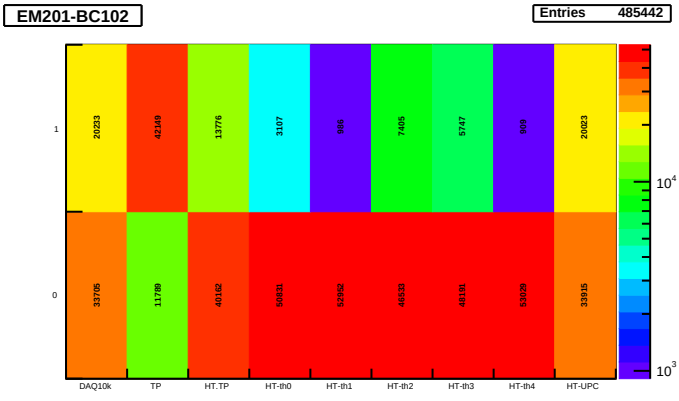

Endcap EMC L1 Input - HT-th0 Diff
Entries 6
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

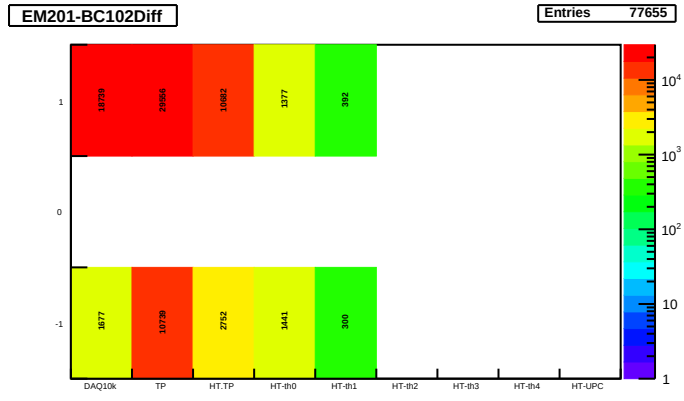

Endcap EMC L1 Input - HT-th1
Entries 647256
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

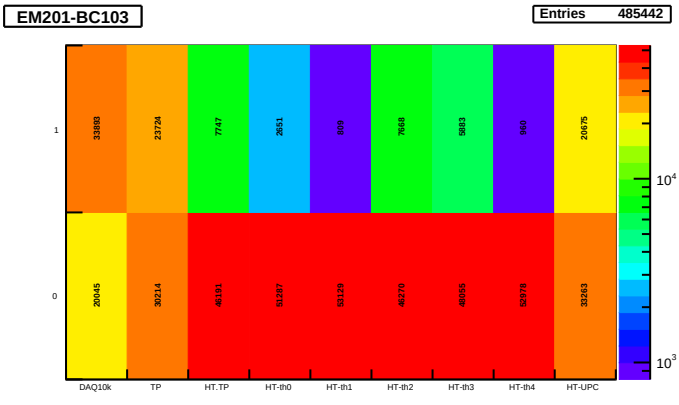

Endcap EMC L1 Input - HT-th1 Diff
Entries 2
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

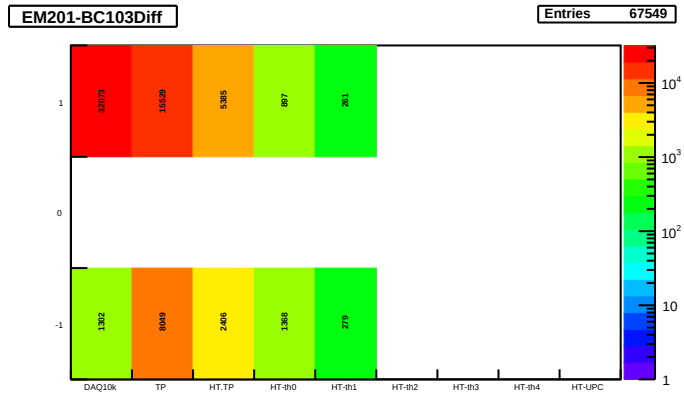

EM201-BC101
Entries 485442
1
0
32181 25452 8137 2760 895 8224 6343 1030 21367
21757 28486 45801 51178 53043 45714 47995 52908 32571
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3

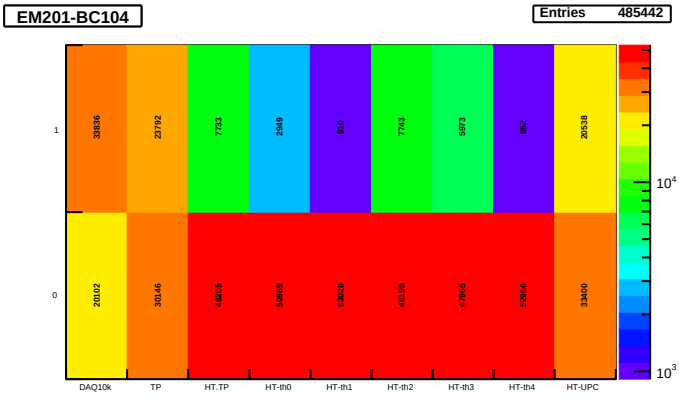

EM201-BC101Diff
Entries 68121
1
0
-1
30369 16903 5589 925 311
1427 8299 2601 1404 293
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

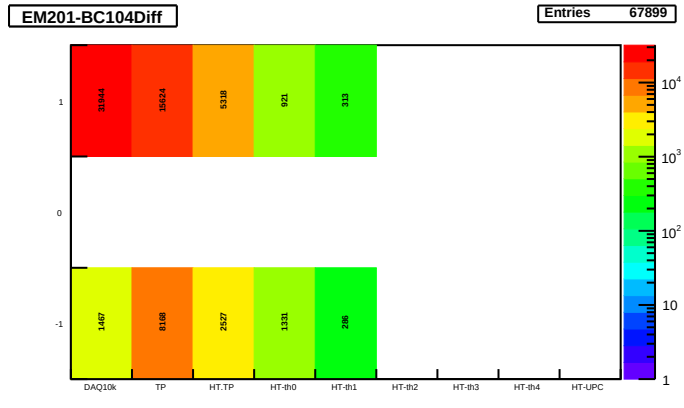

EM201-BC102
Entries 485442
1
0
20233 42149 13776 3107 986 7405 5747 909 20023
33705 11780 40162 50831 52952 46533 43191 53029 33915
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3


EM201-BC102Diff
Entries 77655
1
0
-1
13739 29556 10682 1377 392
1677 10739 2752 1441 300
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

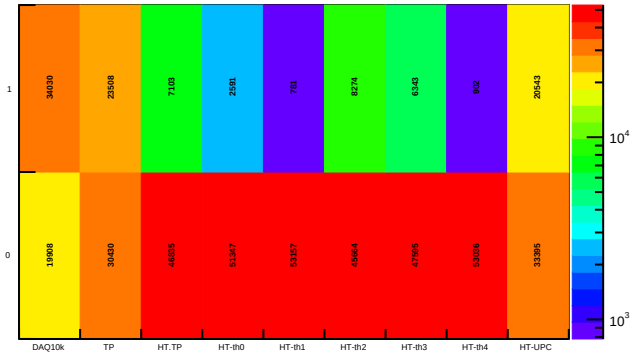

EM201-BC103
Entries 485442
1
0
33933 23724 7747 2651 899 7668 5883 960 20675
20045 30214 46191 51287 53129 46270 48555 52978 33263
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3


EM201-BC103Diff
Entries 67549
1
0
-1
32073 15529 5385 897 261
1302 8049 2406 1368 279
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

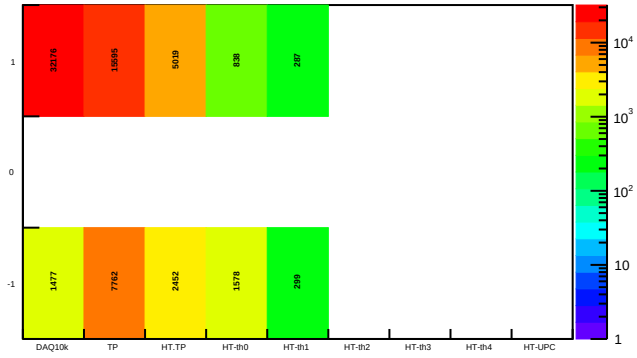

EM201-BC104
Entries 485442
1
0
33836 22792 7733 2949 910 7743 5973 952 20538
20102 30146 46205 50989 53028 46195 47965 52866 33400
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3


EM201-BC104Diff
Entries 67899
1
0
-1
31944 15624 5318 921 313
1467 8188 2527 1331 286
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

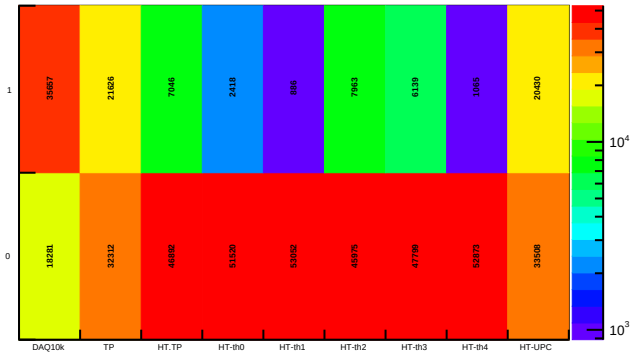
EM201-BC105 Entries 485442



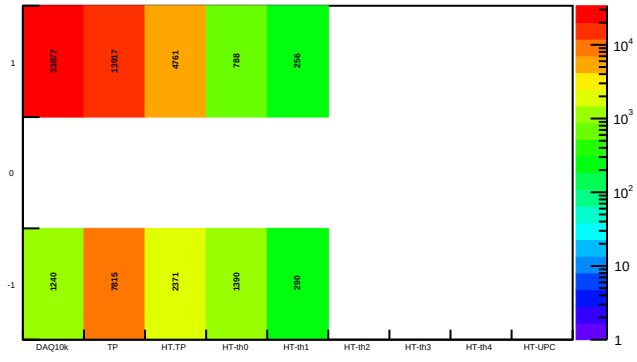
EM201-BC105Diff Entries 67483



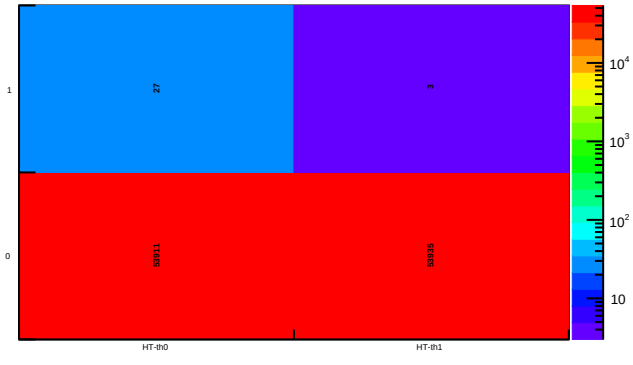
EM201-BC106 Entries 485442



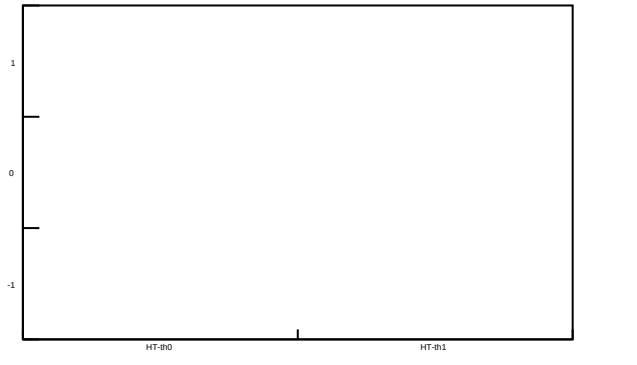
EM201-BC106Diff Entries 66705



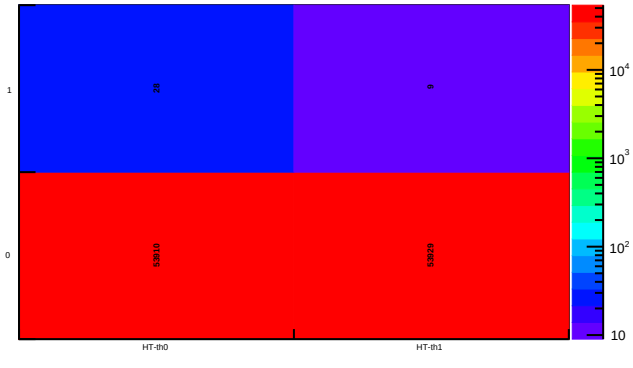
EM201-EE101 Entries 107876



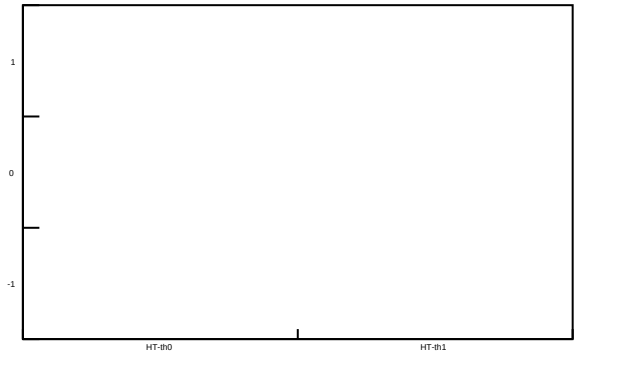
EM201-EE101Diff Entries 0

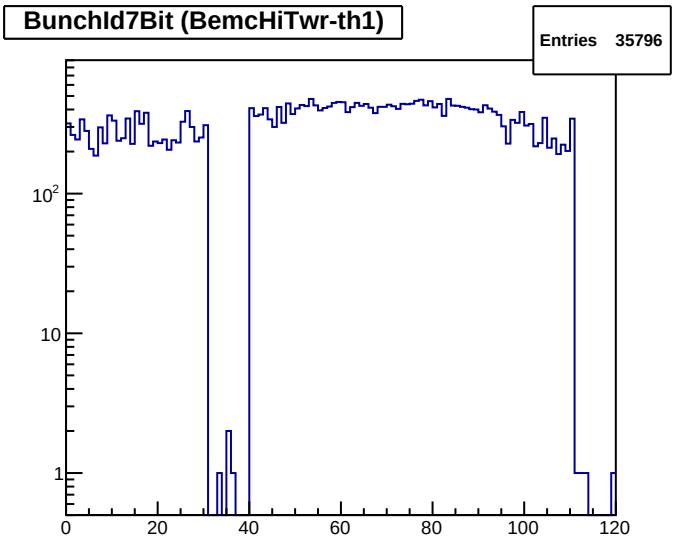


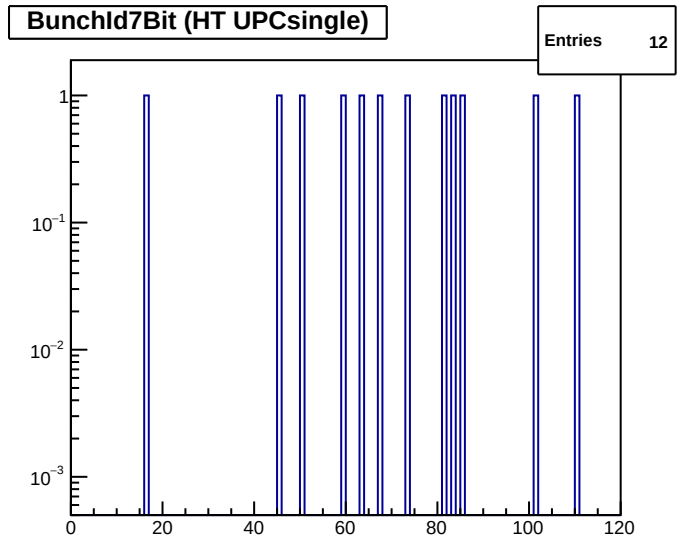
EM201-EE102 Entries 107876

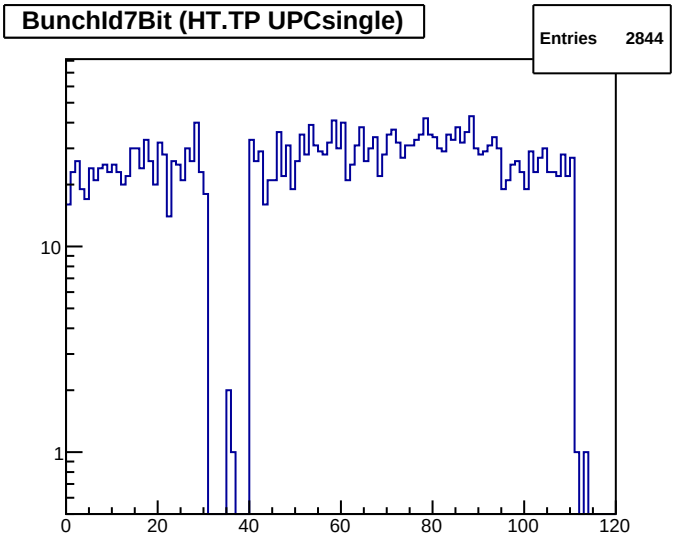


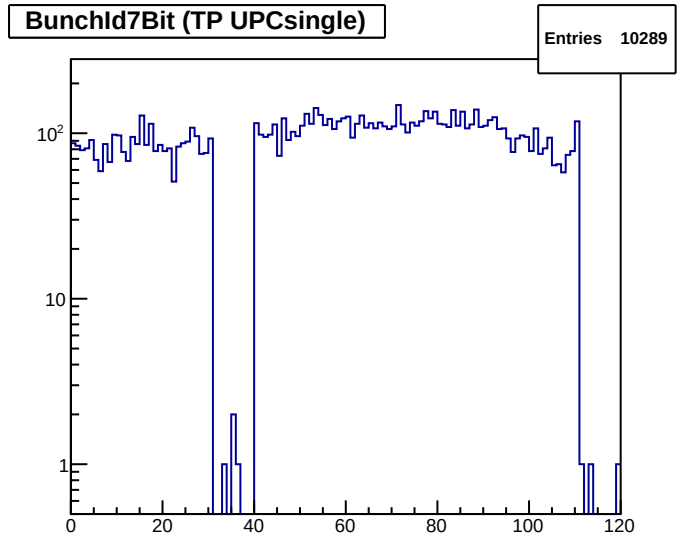
EM201-EE102Diff Entries 0

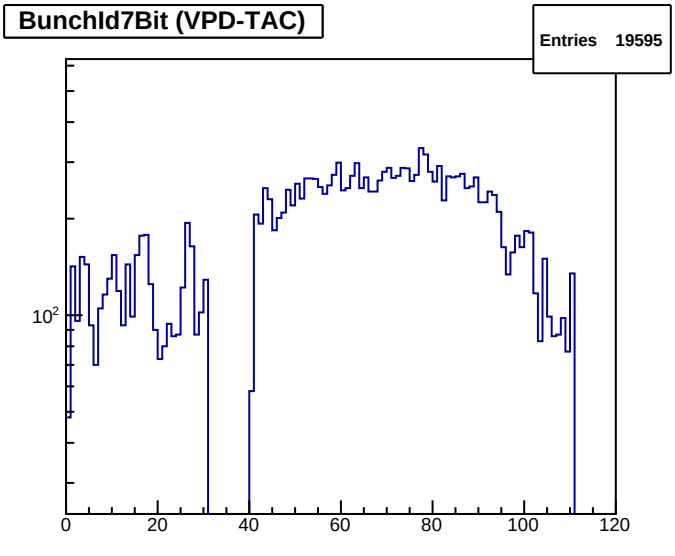


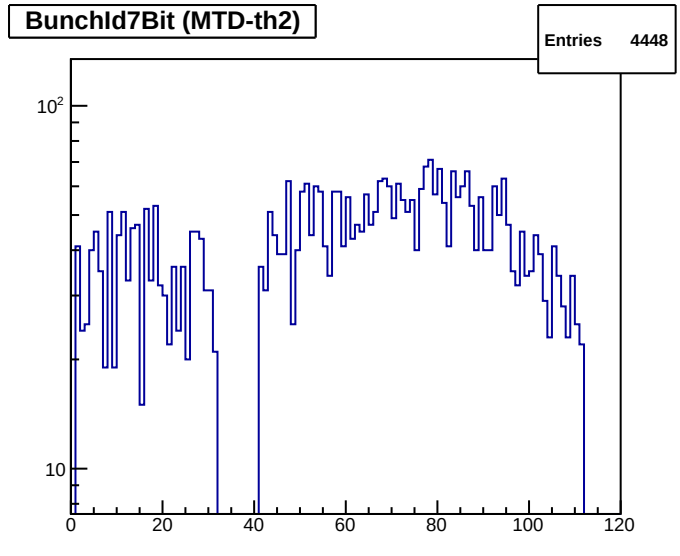

BunchId7Bit (BemcHiTwr-th1)
Entries 35796
10^2
10
1
0
20
40
60
80
100
120

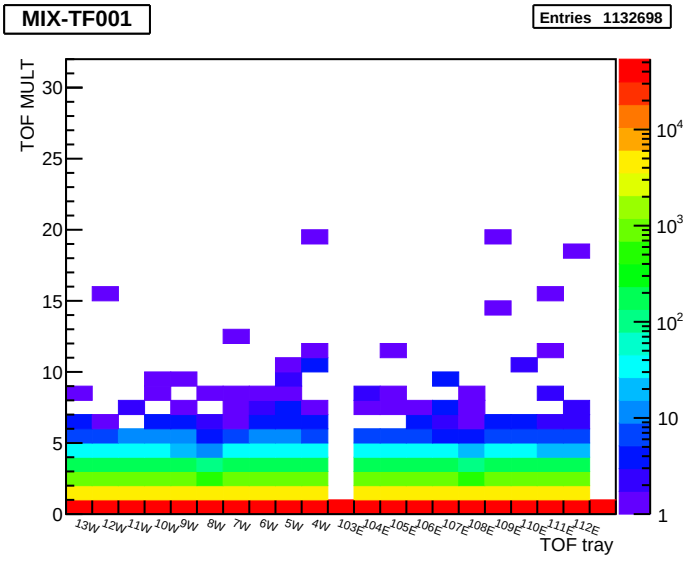

BunchId7Bit (HT UPCsingle)
Entries 12
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

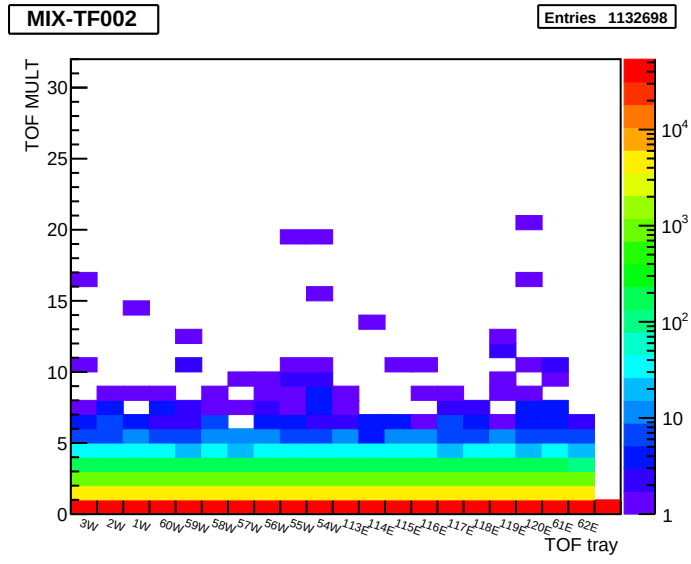

BunchId7Bit (HT.TP UPCsingle)
Entries 2844
10
1
0
20
40
60
80
100
120

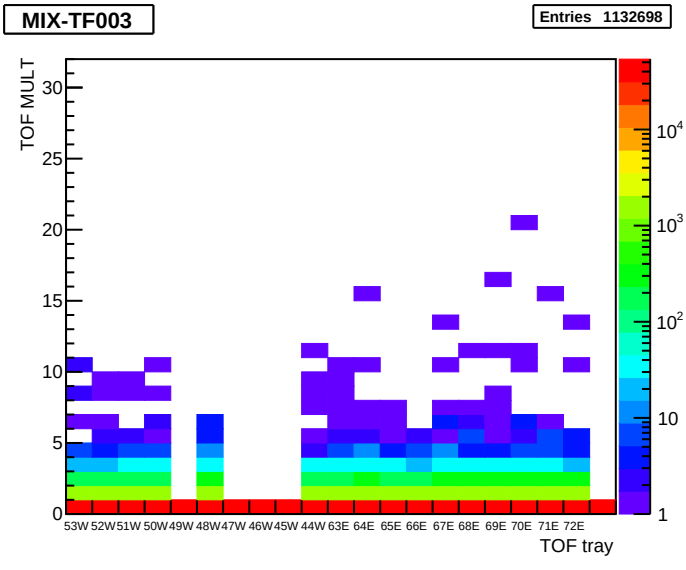

BunchId7Bit (TP UPCsingle)
Entries 10289
10^2
10
1
0
20
40
60
80
100
120

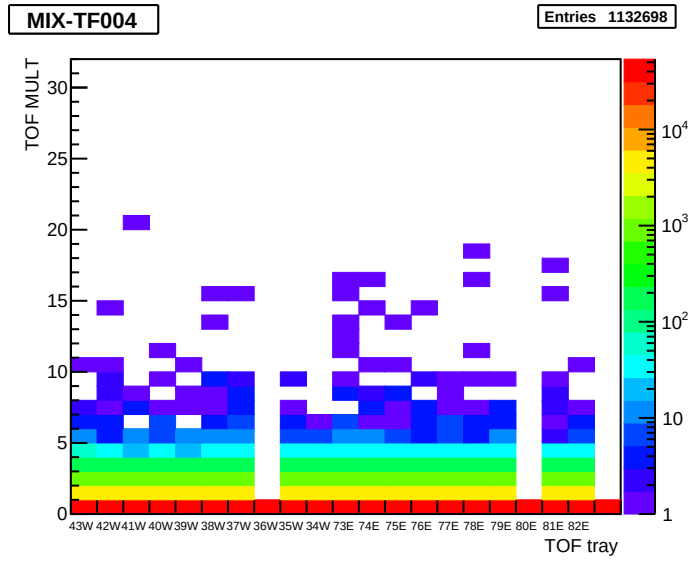

BunchId7Bit (VPD-TAC)
Entries 19595
10^2
0
20
40
60
80
100
120

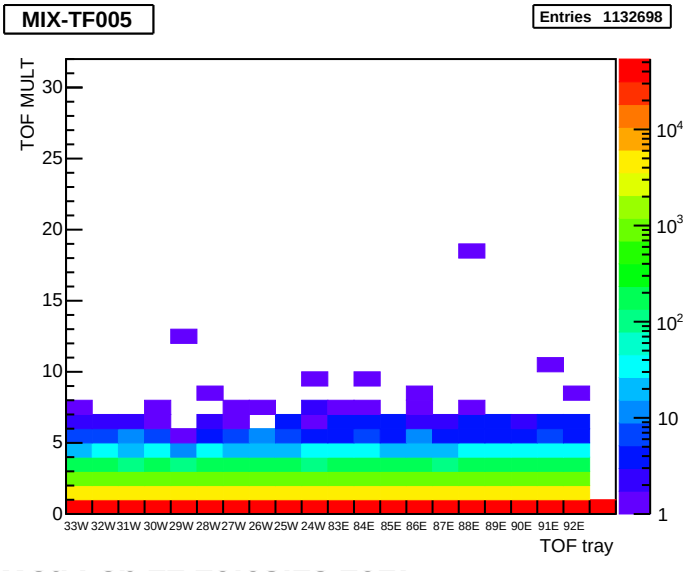

BunchId7Bit (MTD-th2)
Entries 4448
10^2
10
0
20
40
60
80
100
120

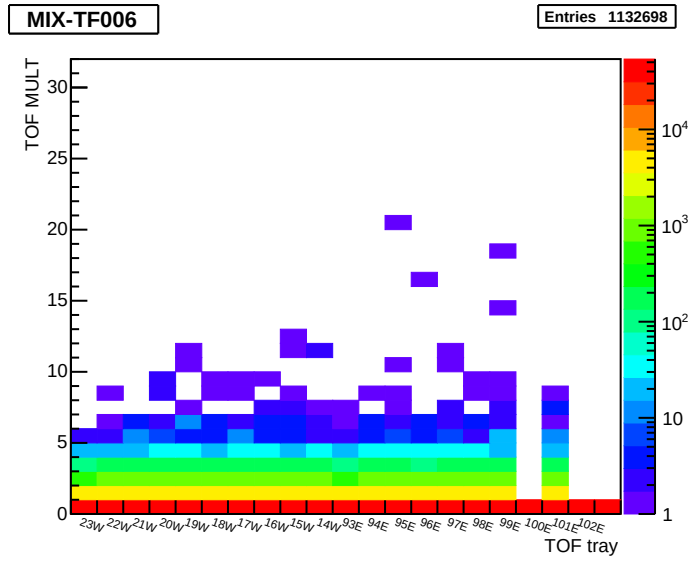

MIX-TF001
Entries 1132698
TOF MULT
TOF tray

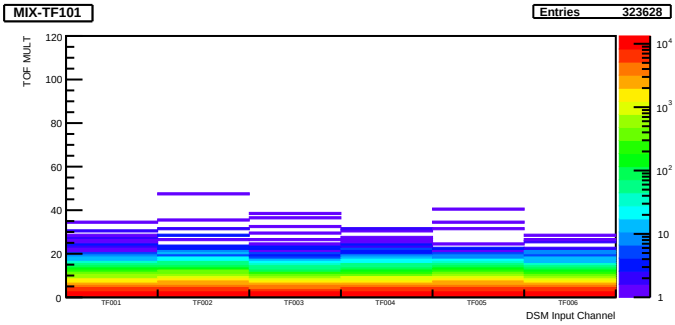

MIX-TF002
Entries 1132698
TOF MULT
TOF tray

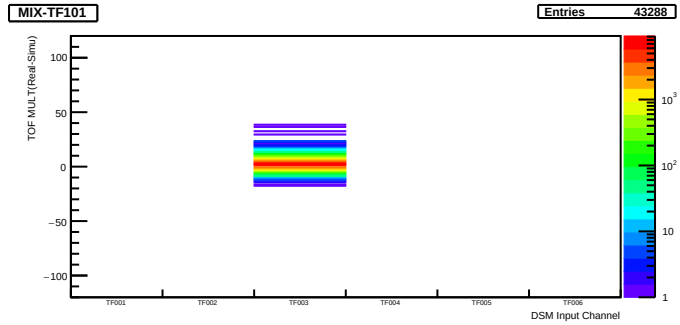

MIX-TF003
Entries 1132698
TOF MULT
TOF tray

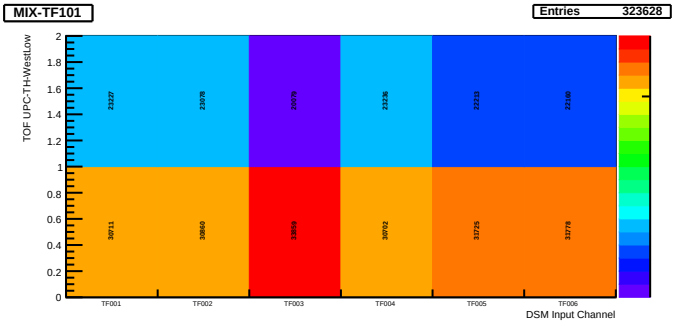

MIX-TF004
Entries 1132698
TOF MULT
TOF tray

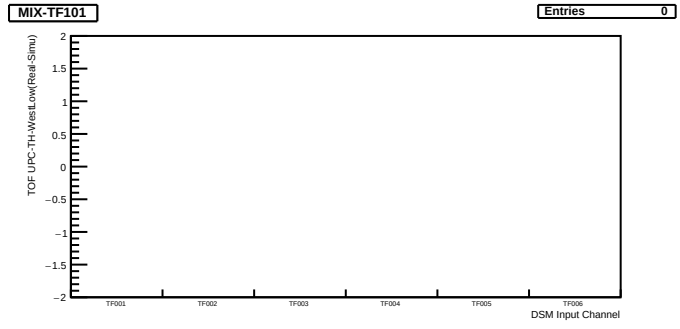

MIX-TF005
Entries 1132698
TOF MULT
TOF tray

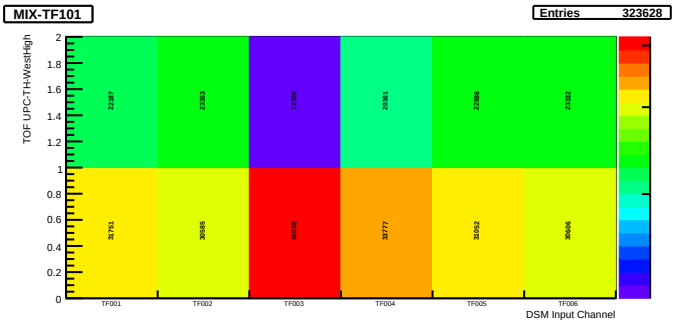

MIX-TF006
Entries 1132698
TOF MULT
TOF tray

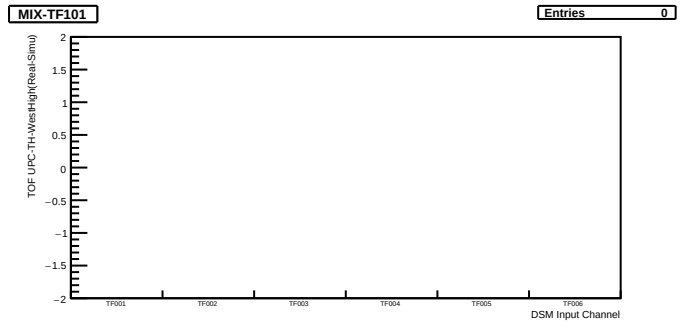

MIX-TF101
Entries 323628
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

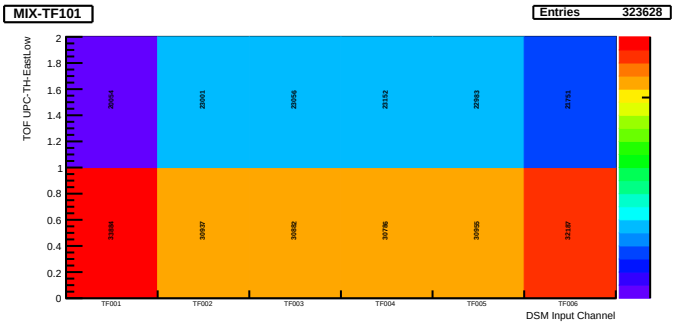

MIX-TF101
Entries 43288
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

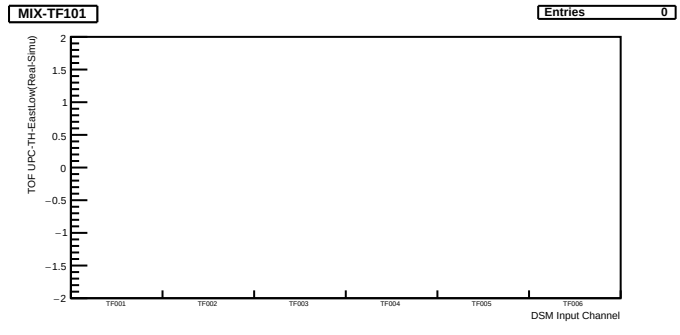

MIX-TF101
Entries 323628
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

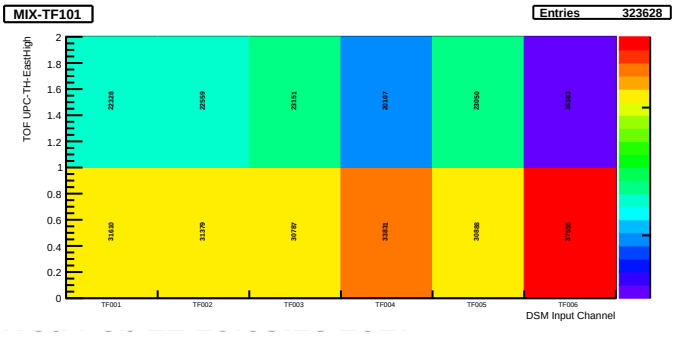

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

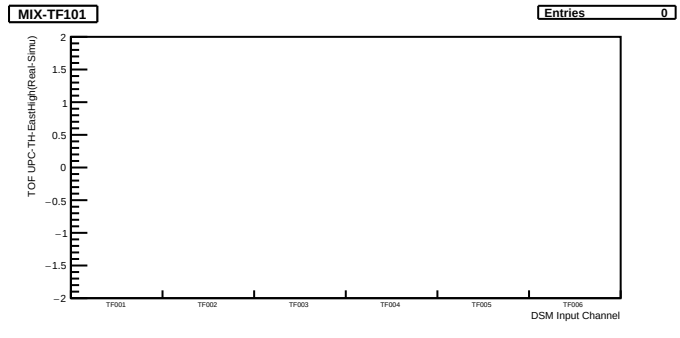

MIX-TF101
Entries 323628
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

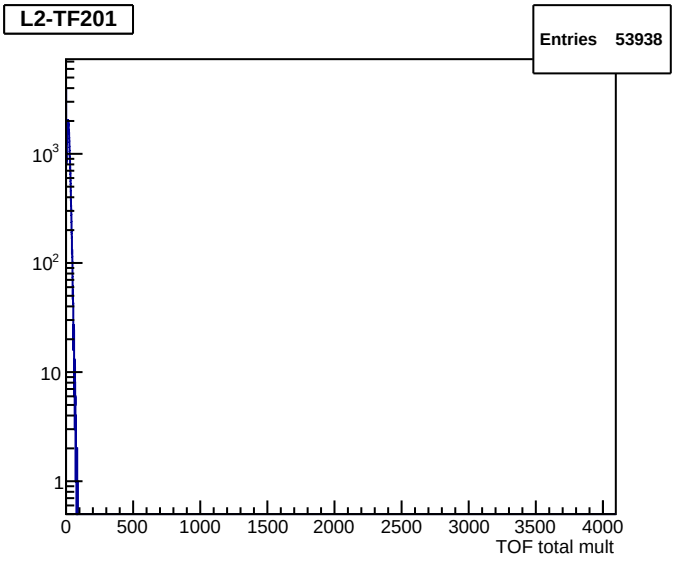

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

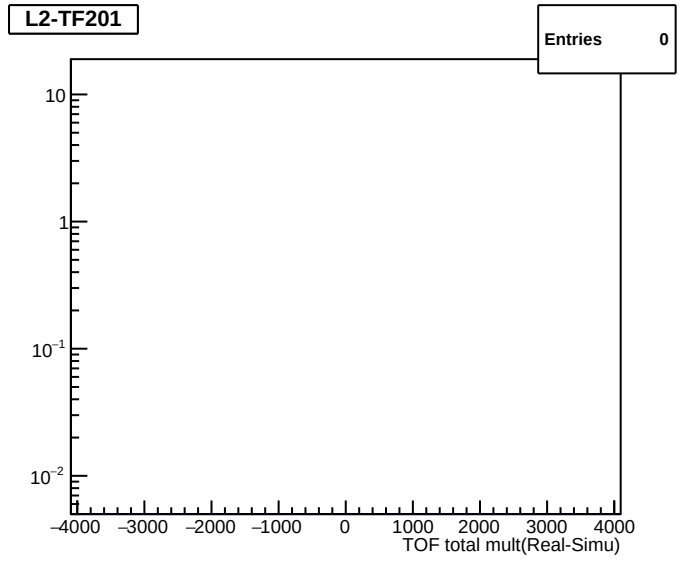

MIX-TF101
Entries 323628
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

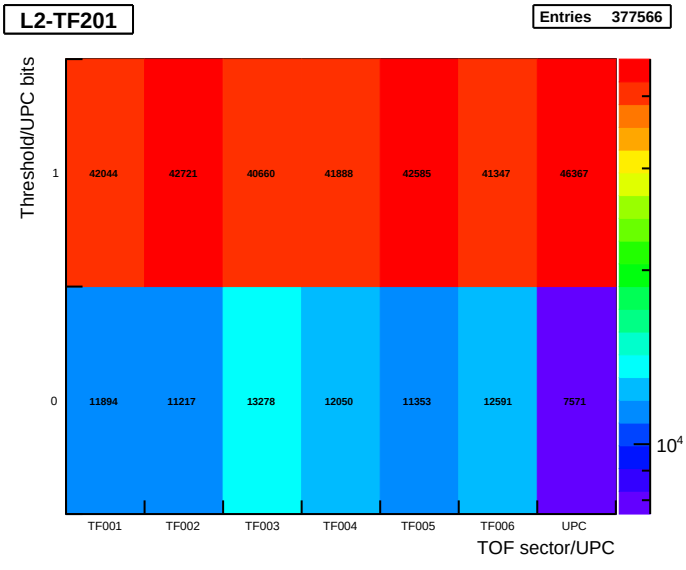

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

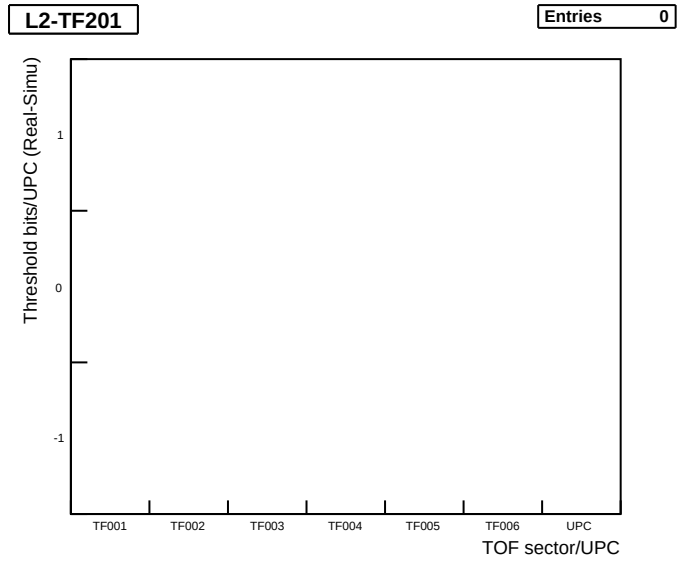

MIX-TF101
Entries 323628
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

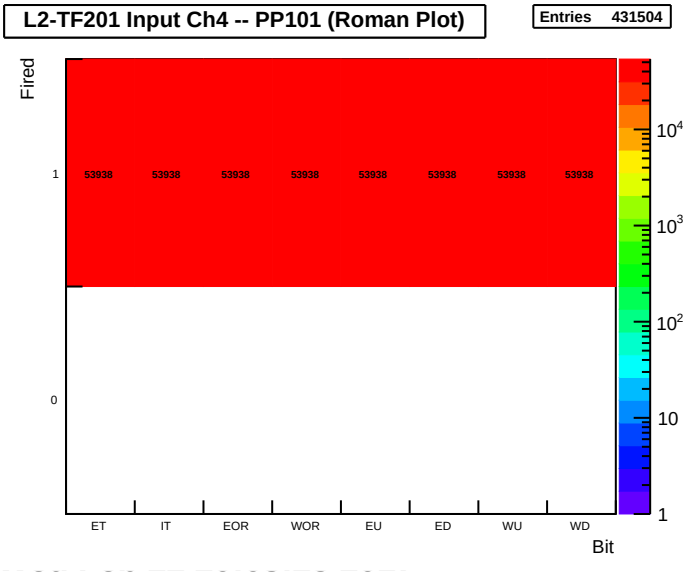

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

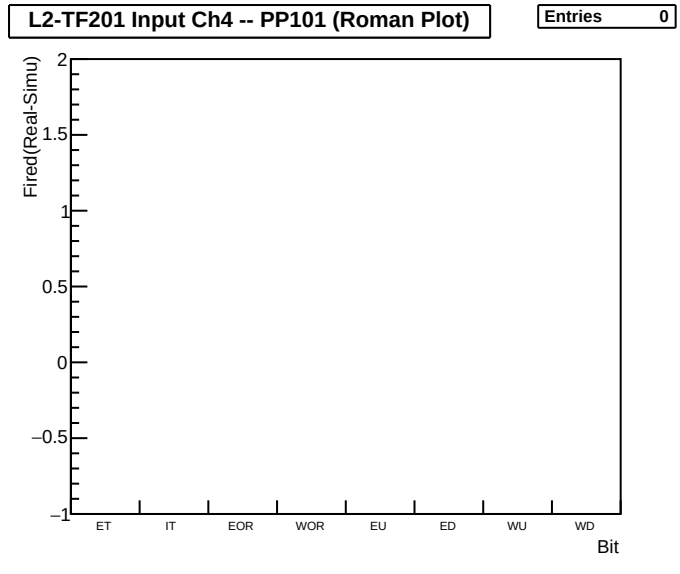

L2-TF201
Entries 53938
TOF total mult

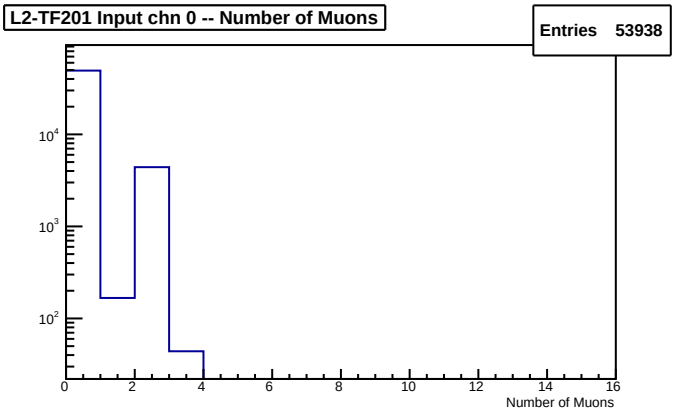

L2-TF201
Entries 0
TOF total mult(Real-Simu)

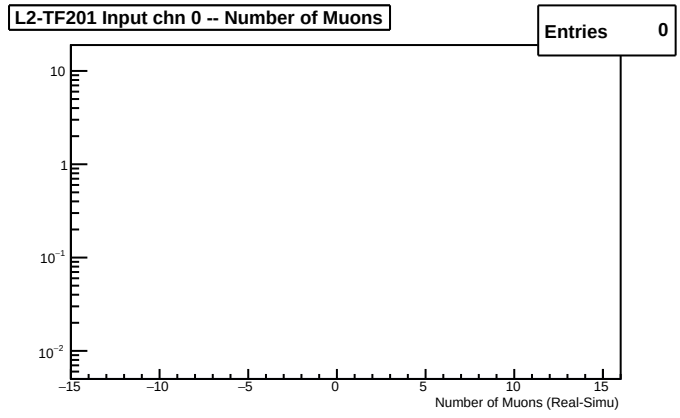

L2-TF201
Entries 377566
Threshold/UPC bits
42044
42721
40660
41888
42585
41347
46367
11894
11217
13278
12050
11353
12591
7571
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

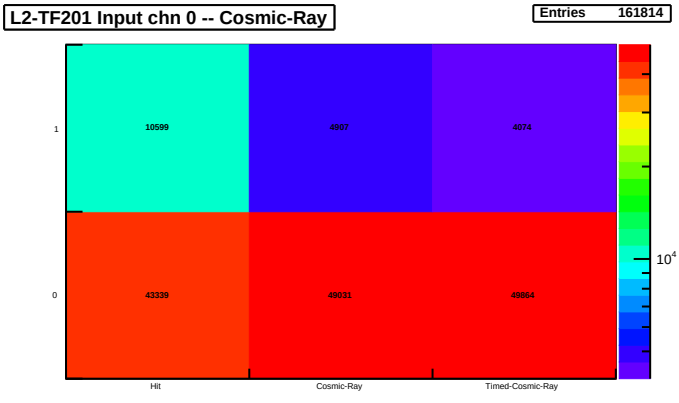

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

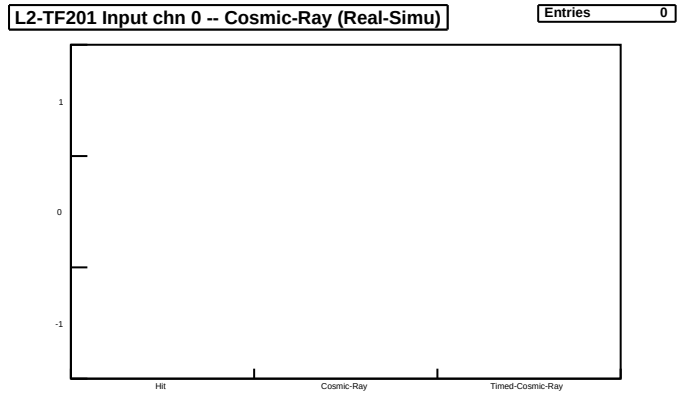

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 431504
Fired
53938
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

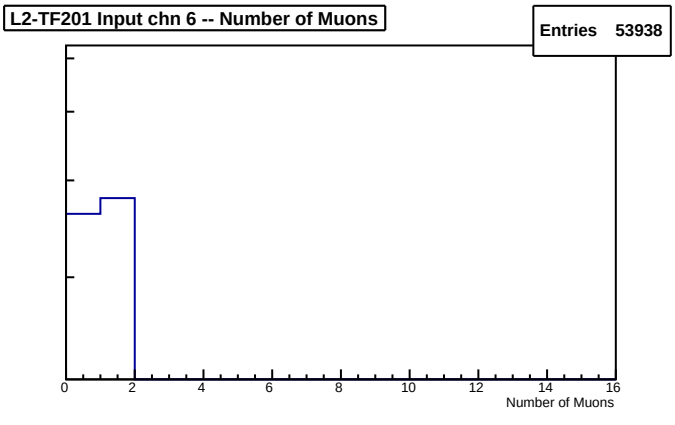

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

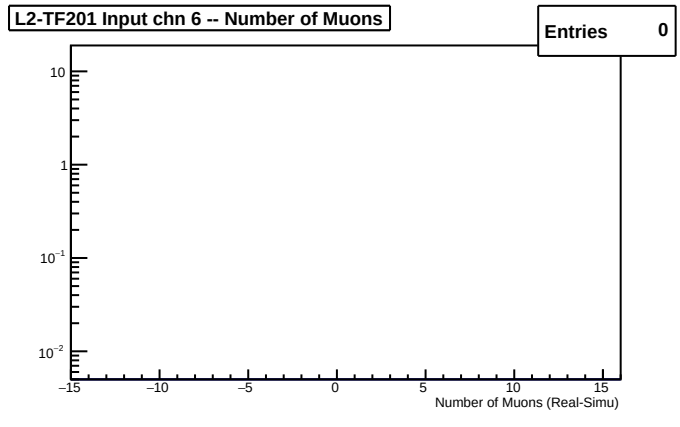

L2-TF201 Input chn 0 -- Number of Muons
Entries 53938
Number of Muons

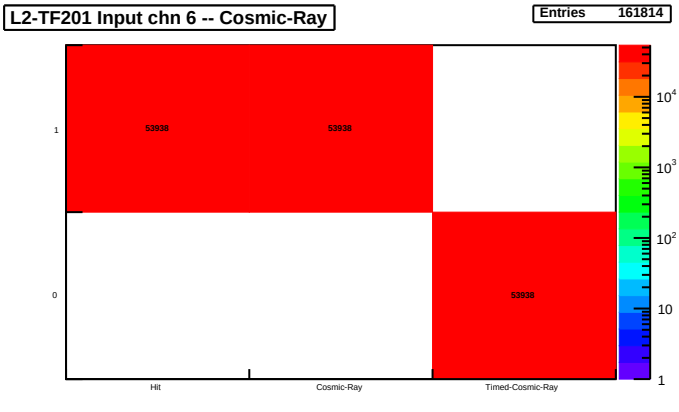

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

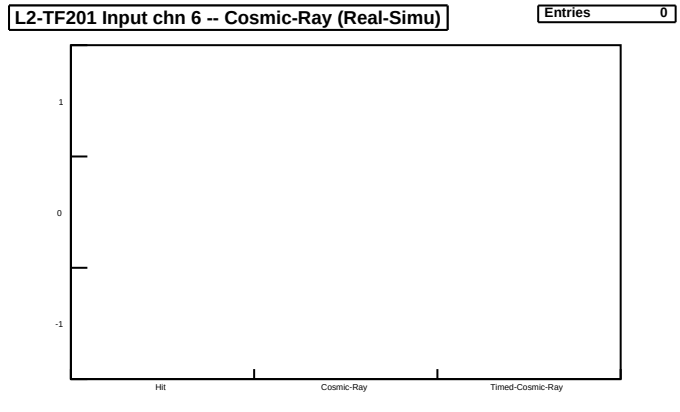

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 161814
10599
4907
4074
43339
49031
49864
Hit
Cosmic-Ray
Timed-Cosmic-Ray

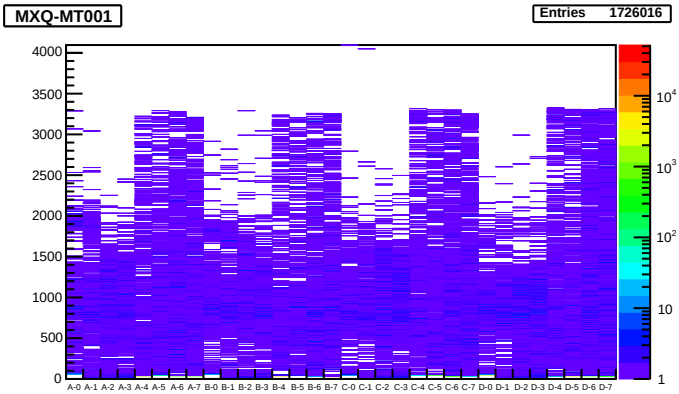

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

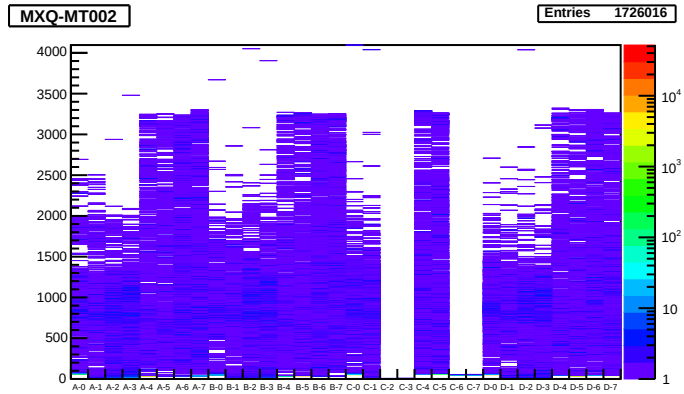

L2-TF201 Input chn 6 -- Number of Muons
Entries 53938
Number of Muons

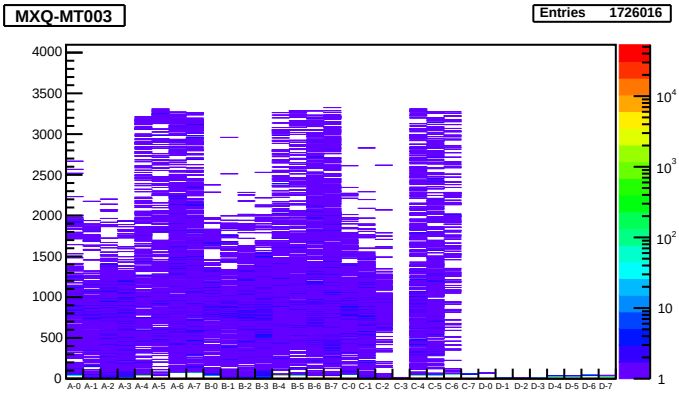

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

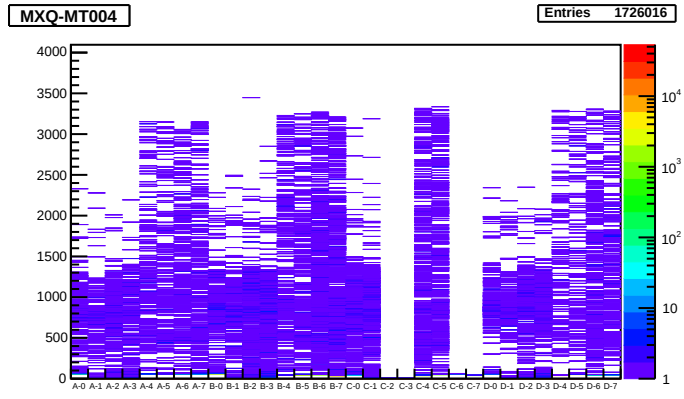

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 161814
53938
53938
53938
Hit
Cosmic-Ray
Timed-Cosmic-Ray

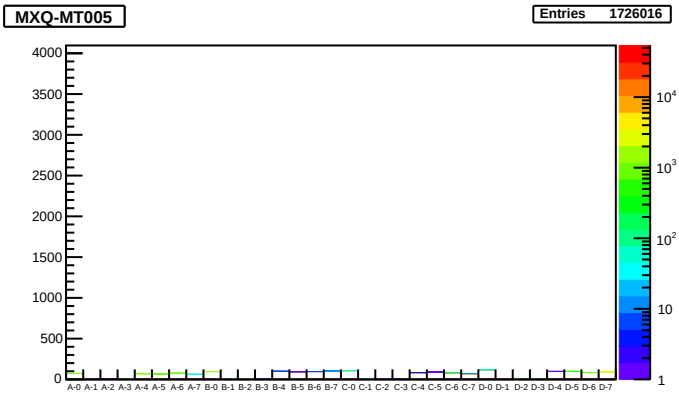

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

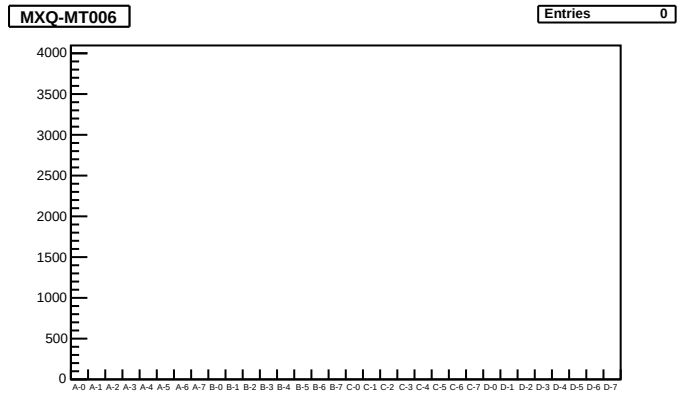

MXQ-MT001
Entries 1726016

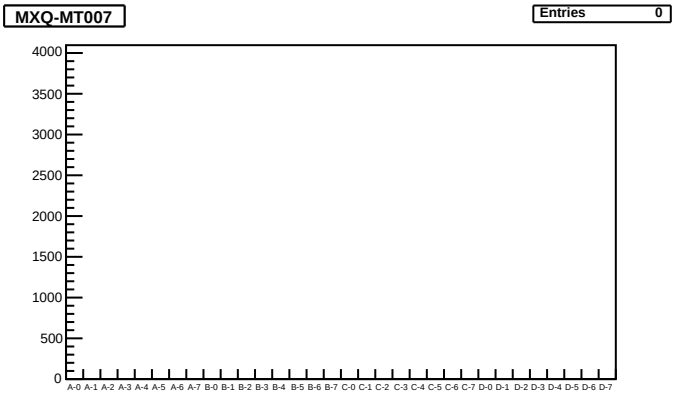

MXQ-MT002
Entries 1726016

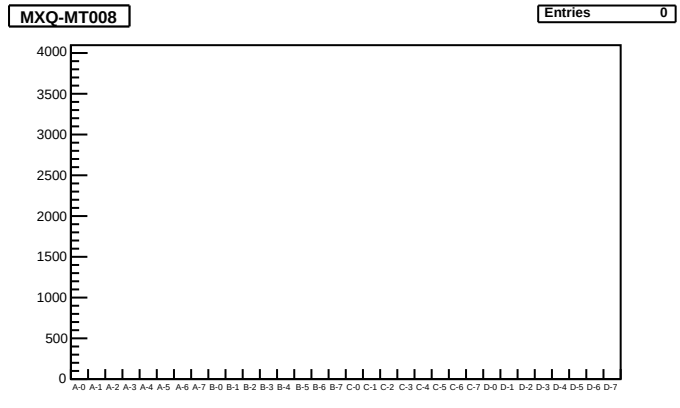

MXQ-MT003
Entries 1726016

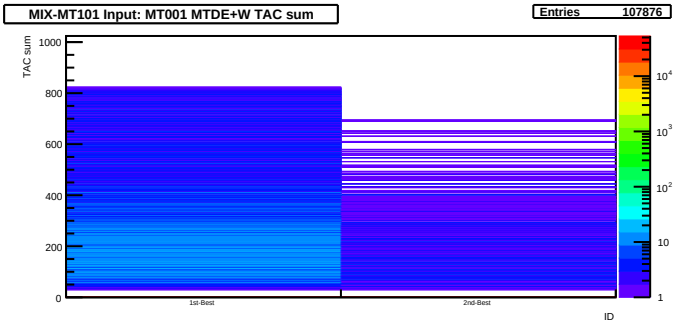

MXQ-MT004
Entries 1726016

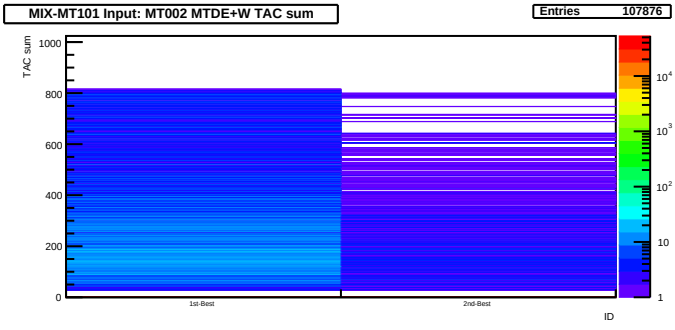

MXQ-MT005
Entries 1726016

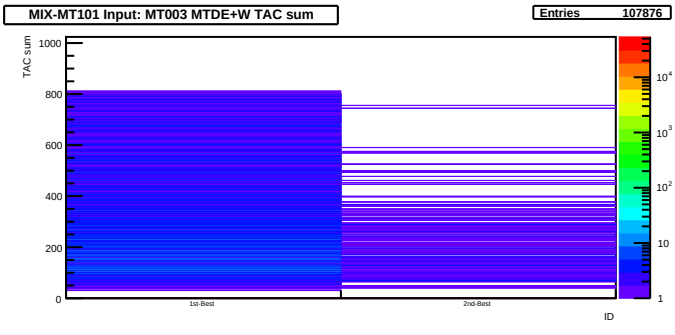

MXQ-MT006
Entries 0

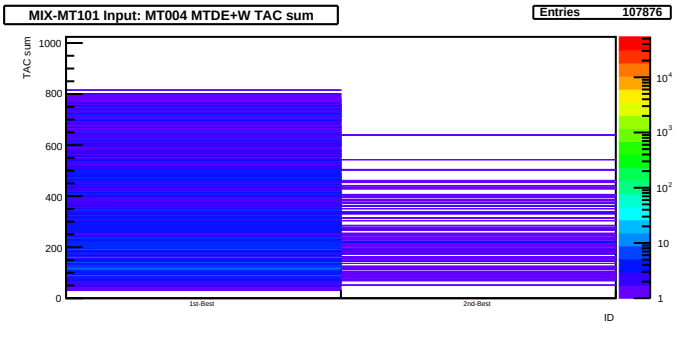

MXQ-MT007
Entries 0

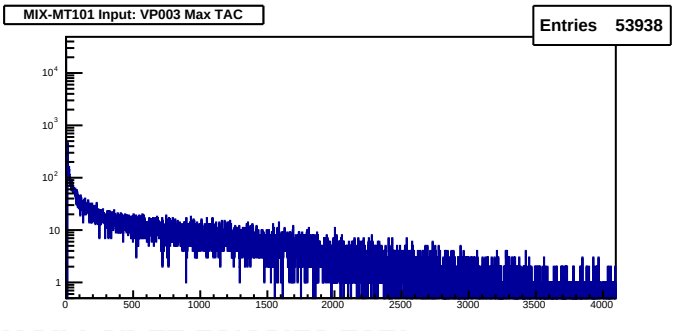

MXQ-MT008
Entries 0

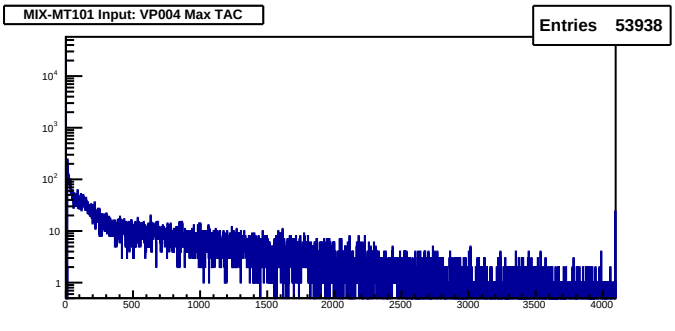

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

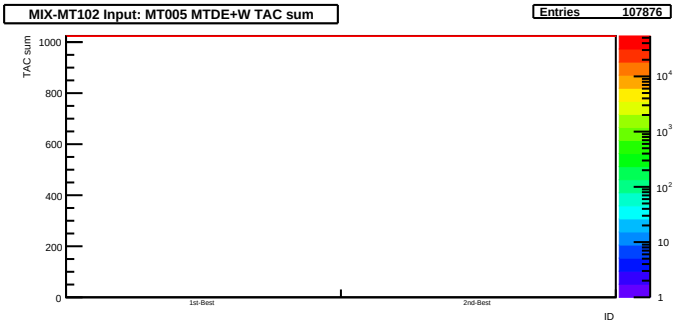

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

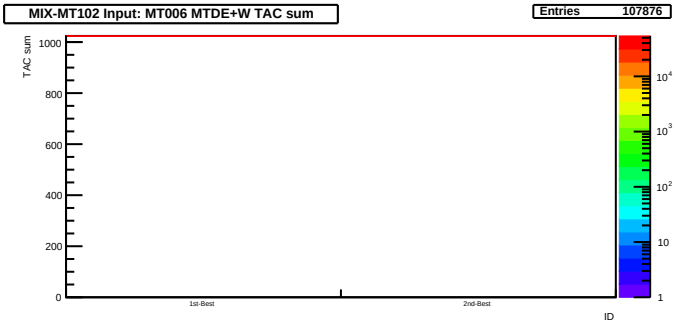

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

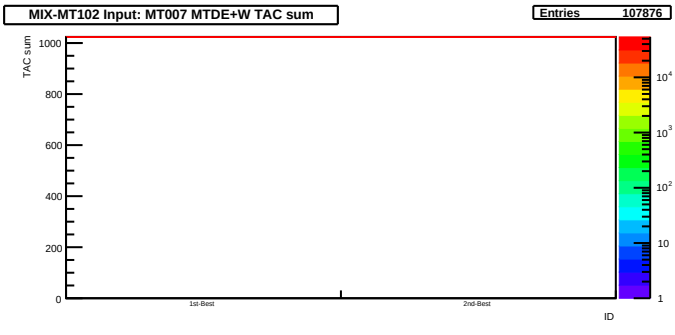

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

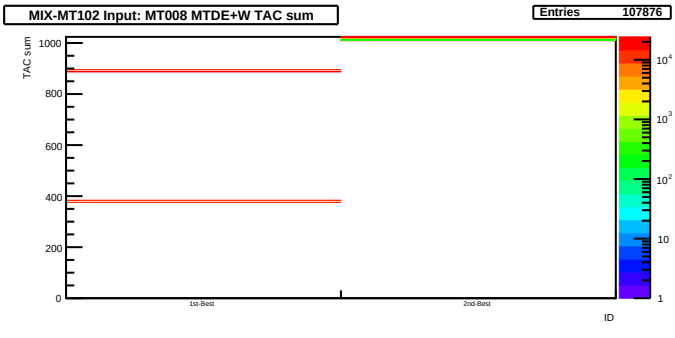

MIX-MT101 Input: VP003 Max TAC
Entries 53938

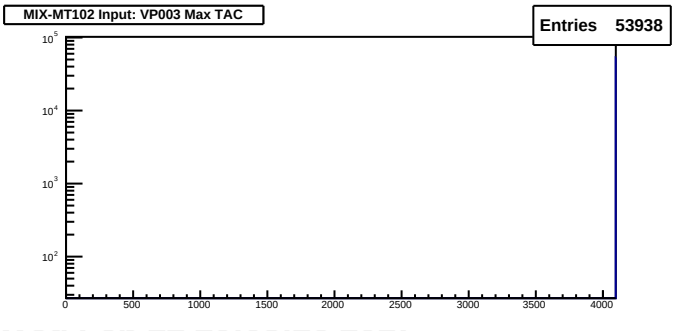

MIX-MT101 Input: VP004 Max TAC
Entries 53938

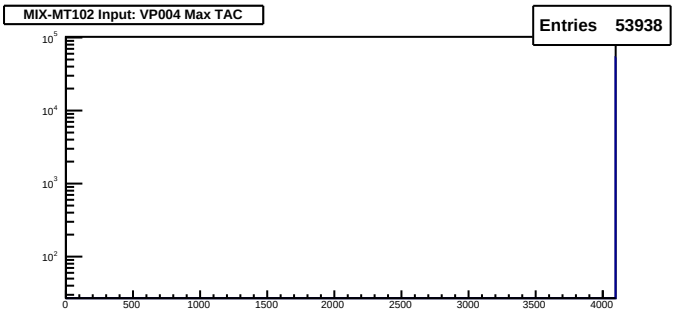

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

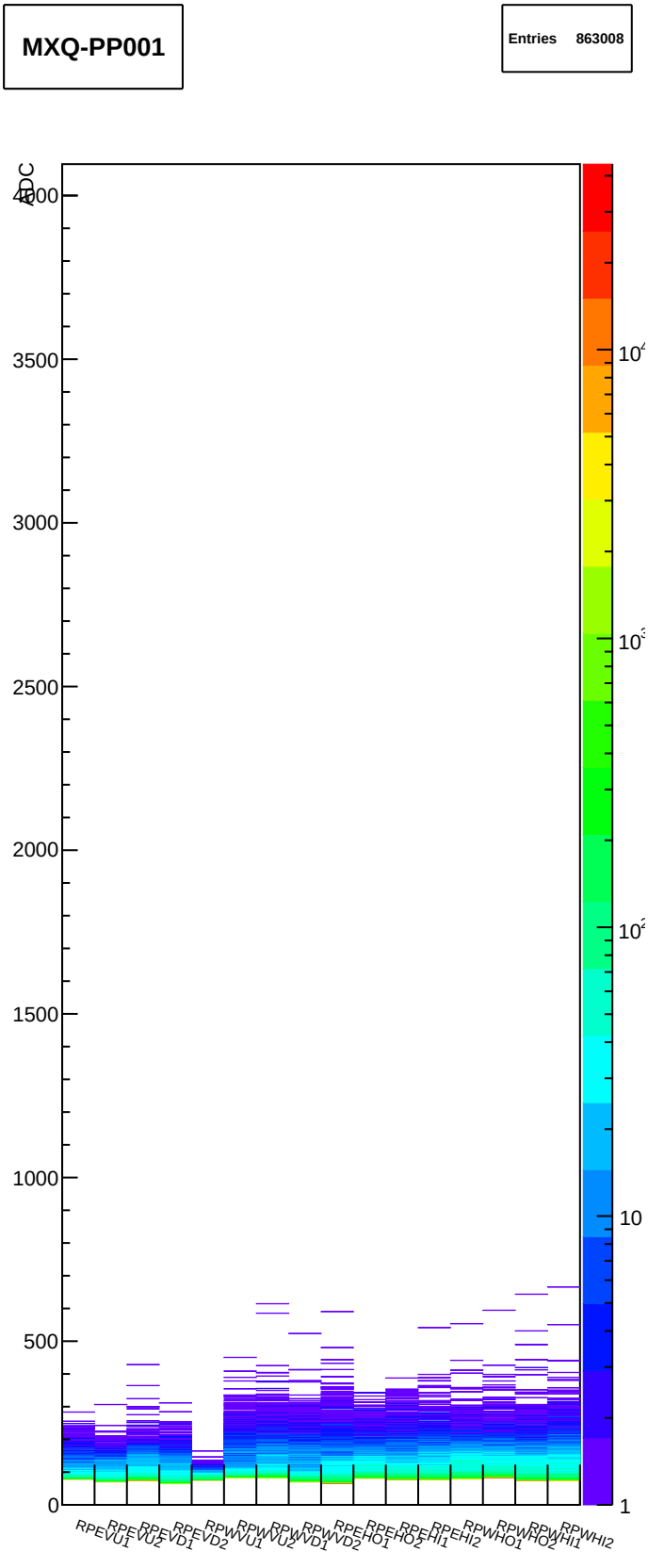

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

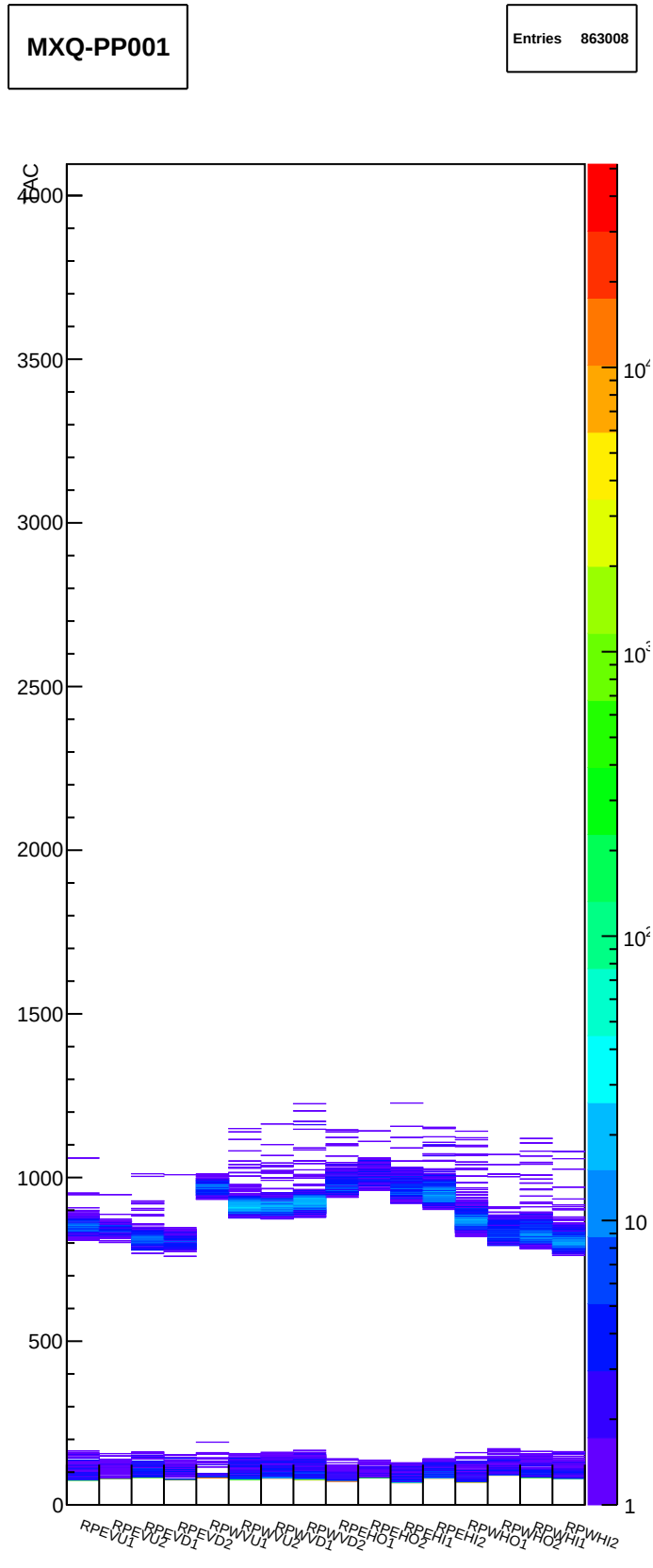

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

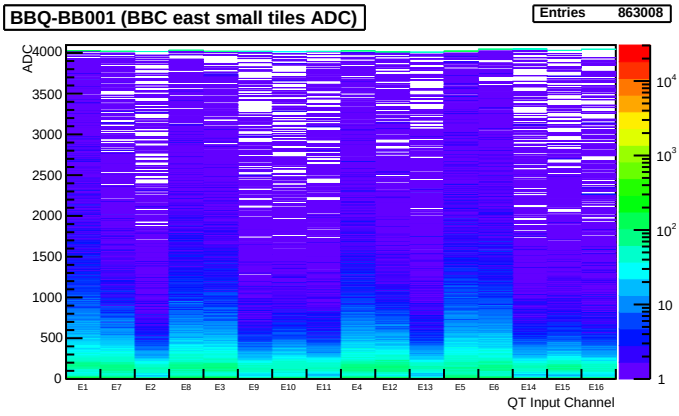

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 107876
TAC sum
1st-Best
2nd-Best
ID

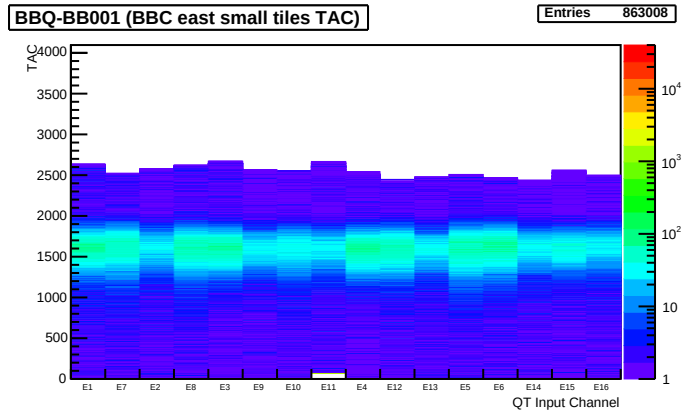

MIX-MT102 Input: VP003 Max TAC
Entries 53938

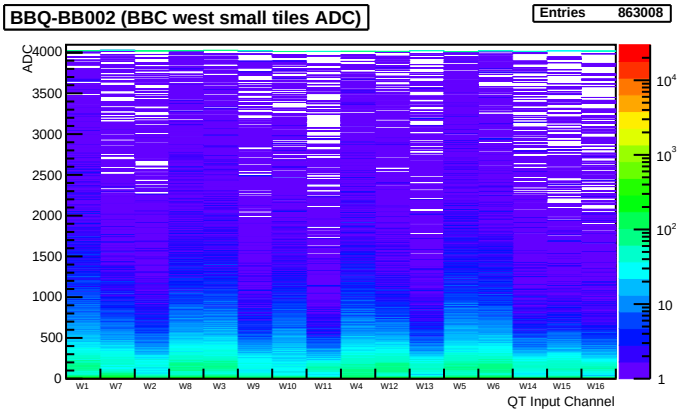

MIX-MT102 Input: VP004 Max TAC
Entries 53938

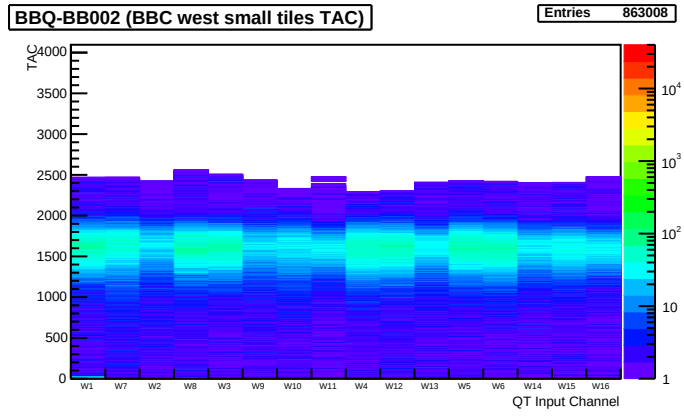

MXQ-PP001
Entries 863008
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

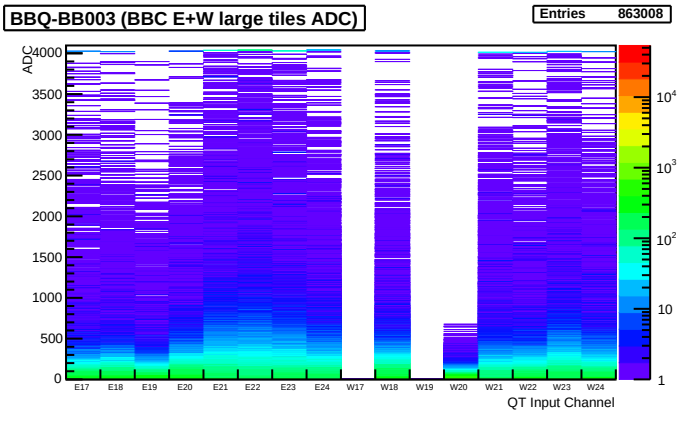

MXQ-PP001
Entries 863008
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

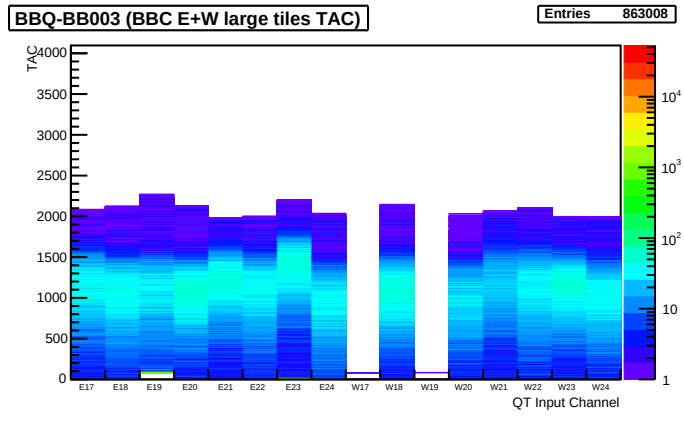

BBQ-BB001 (BBC east small tiles ADC)
Entries 863008
ADC
QT Input Channel

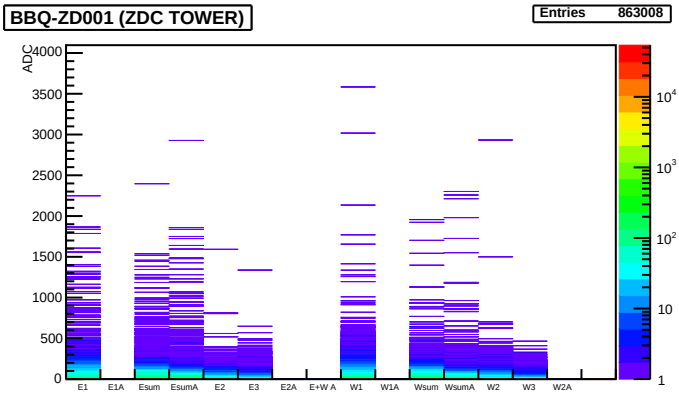

BBQ-BB001 (BBC east small tiles TAC)
Entries 863008
TAC
QT Input Channel

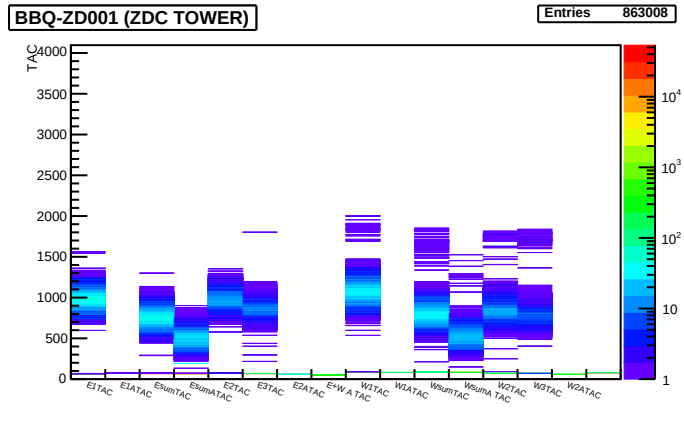

BBQ-BB002 (BBC west small tiles ADC)
Entries 863008
ADC
QT Input Channel

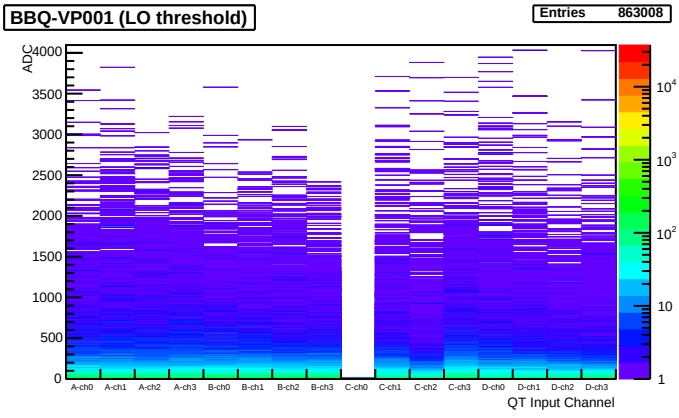

BBQ-BB002 (BBC west small tiles TAC)
Entries 863008
TAC
QT Input Channel

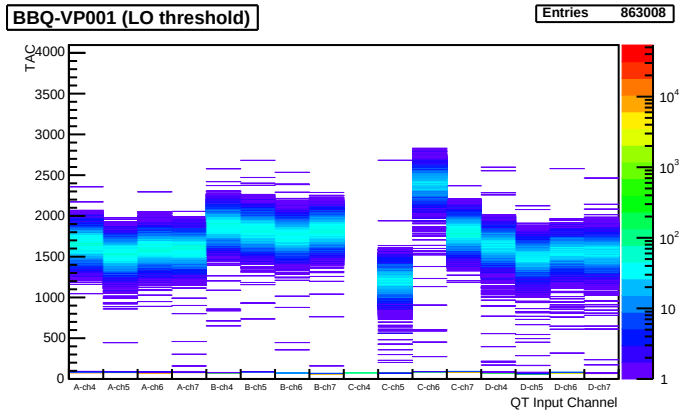

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 863008
ADC
QT Input Channel

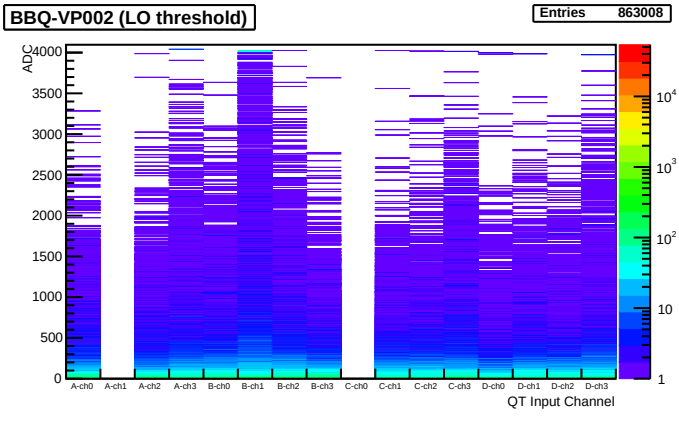

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 863008
TAC
QT Input Channel

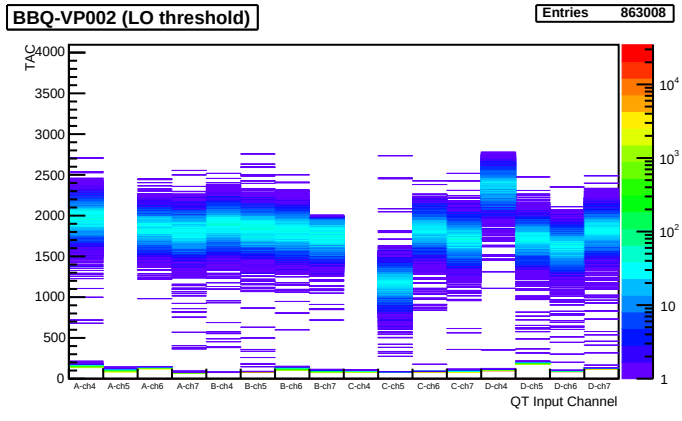

BBQ-ZD001 (ZDC TOWER)
Entries 863008
ADC

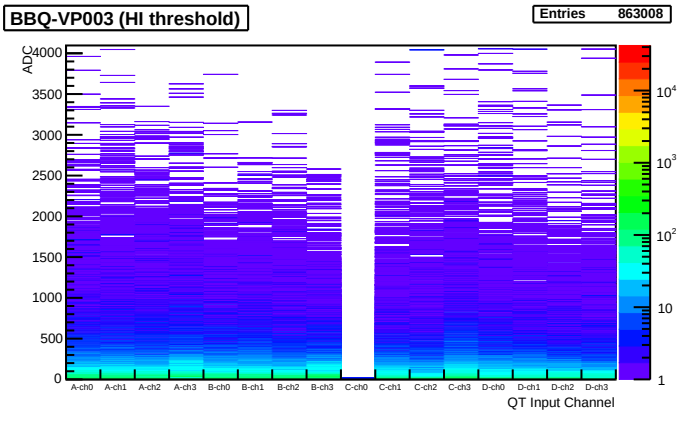

BBQ-ZD001 (ZDC TOWER)
Entries 863008
TAC

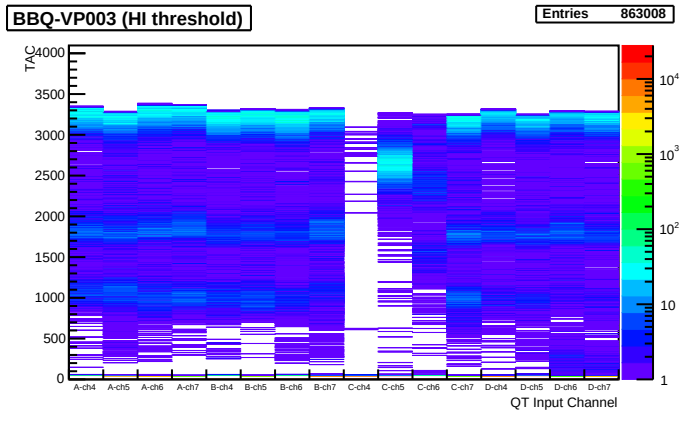

BBQ-VP001 (LO threshold)
Entries 863008
ADC
QT Input Channel

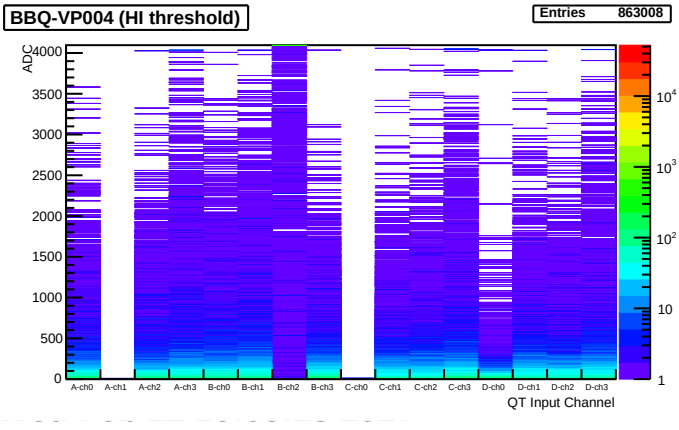

BBQ-VP001 (LO threshold)
Entries 863008
TAC
QT Input Channel

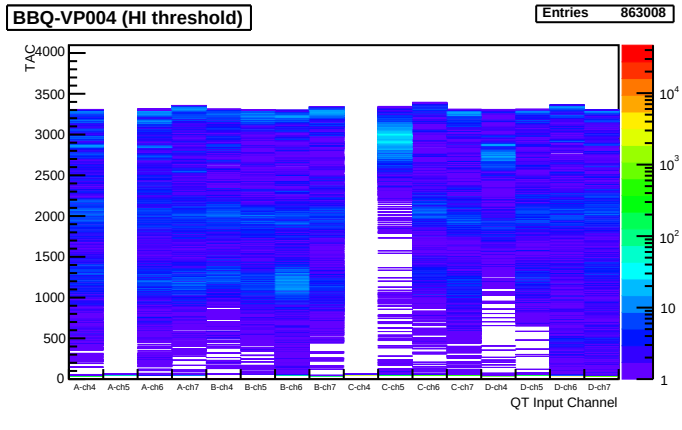

BBQ-VP002 (LO threshold)
Entries 863008
ADC
QT Input Channel

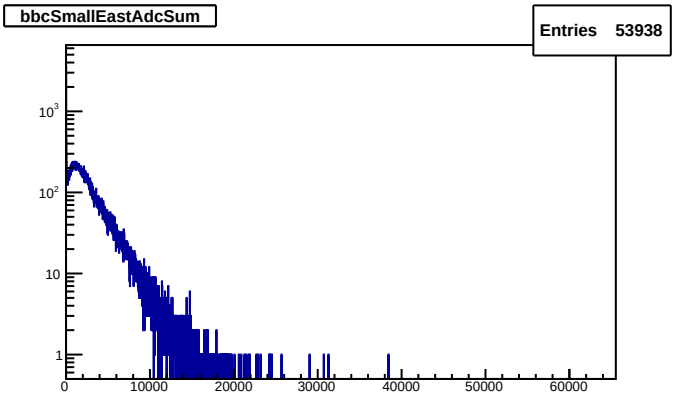

BBQ-VP002 (LO threshold)
Entries 863008
TAC
QT Input Channel

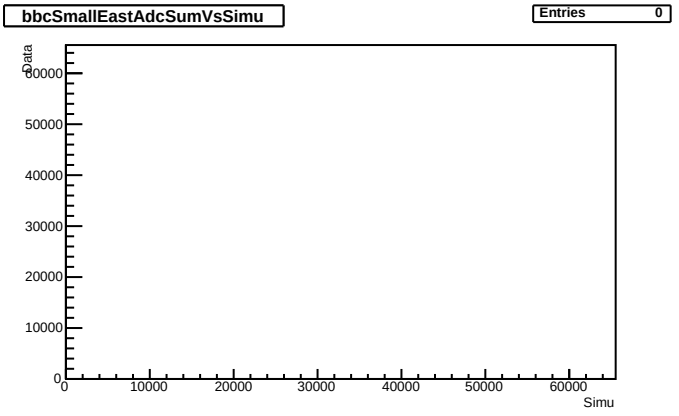

BBQ-VP003 (HI threshold)
Entries 863008
ADC
QT Input Channel

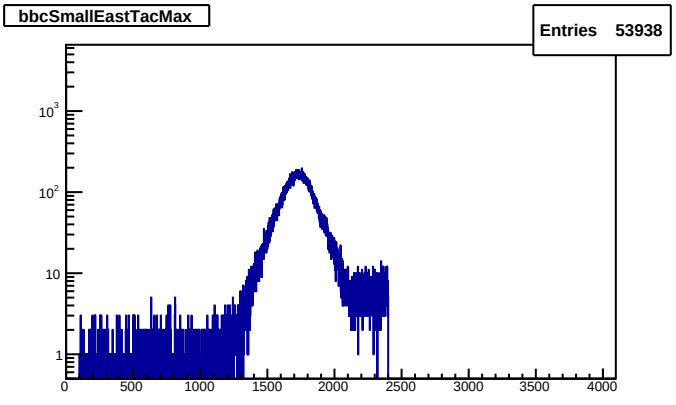

BBQ-VP003 (HI threshold)
Entries 863008
TAC
QT Input Channel

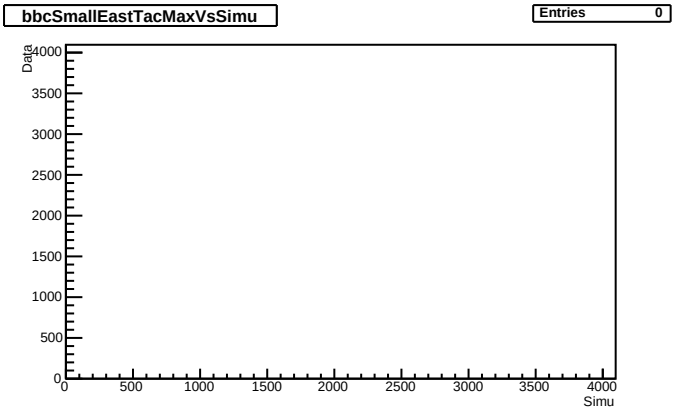

BBQ-VP004 (HI threshold)
Entries 863008
ADC
QT Input Channel

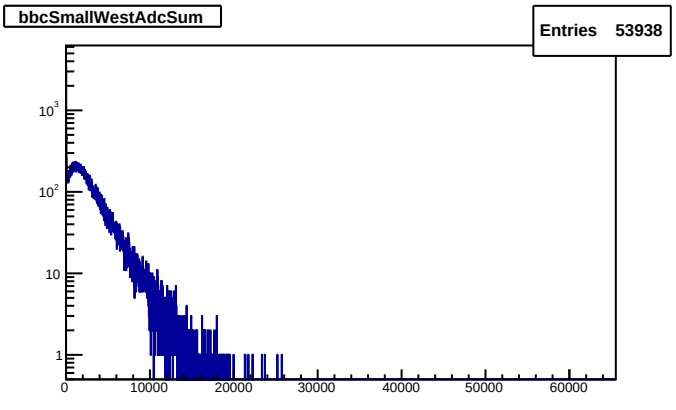

BBQ-VP004 (HI threshold)
Entries 863008
TAC
QT Input Channel

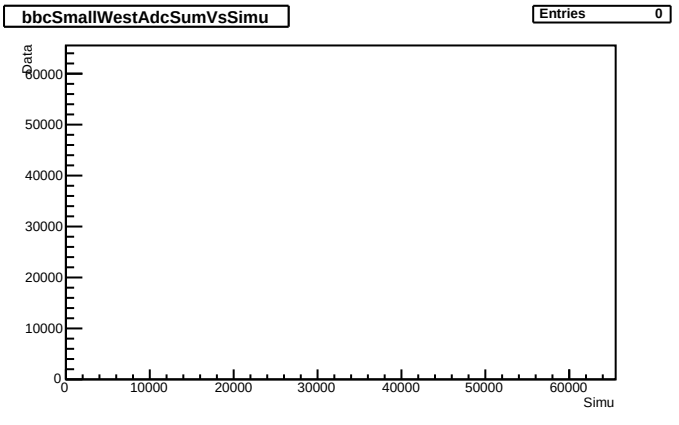

bbcSmallEastAdcSum
Entries 53938

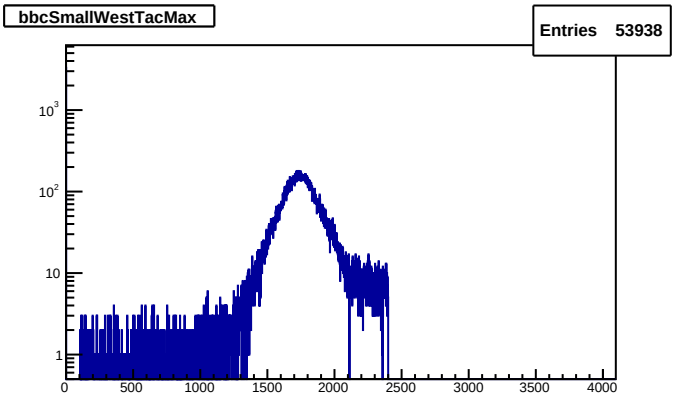

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

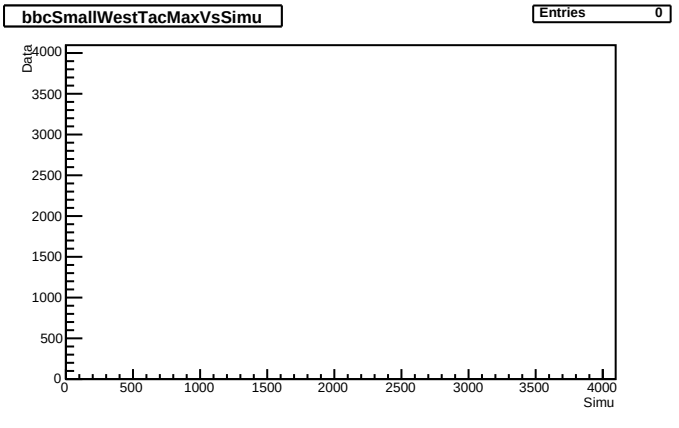

bbcSmallEastTacMax
Entries 53938

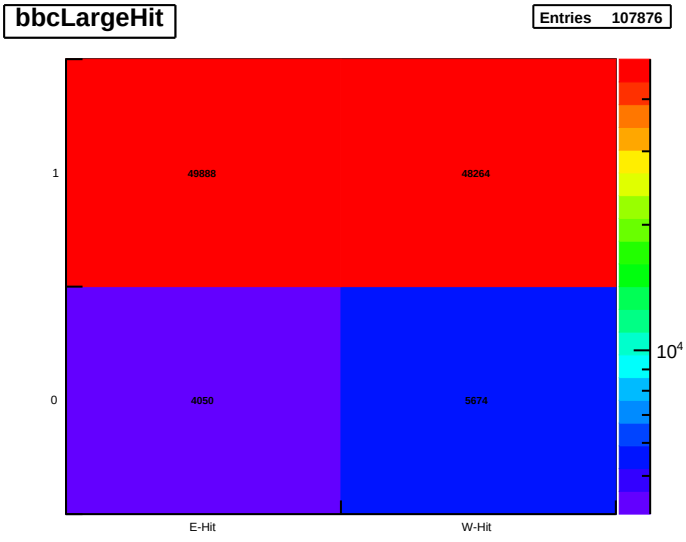

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

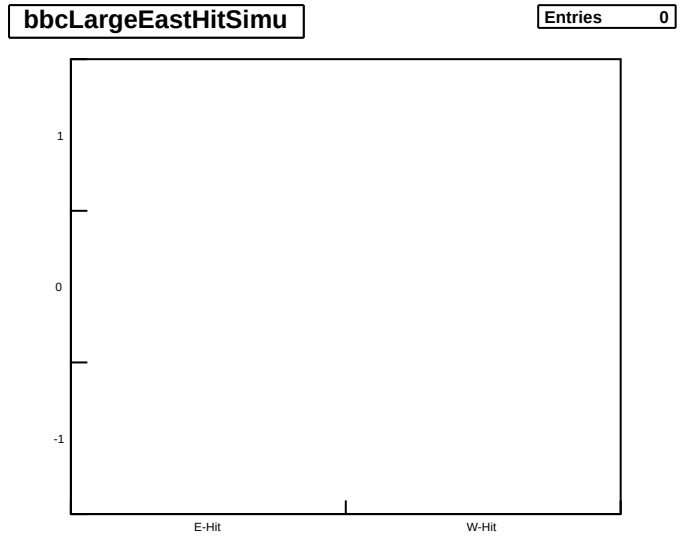

bbcSmallWestAdcSum
Entries 53938

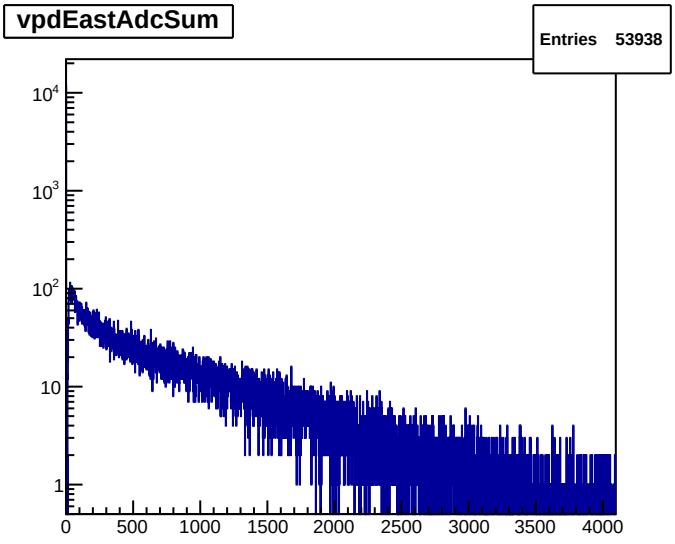

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

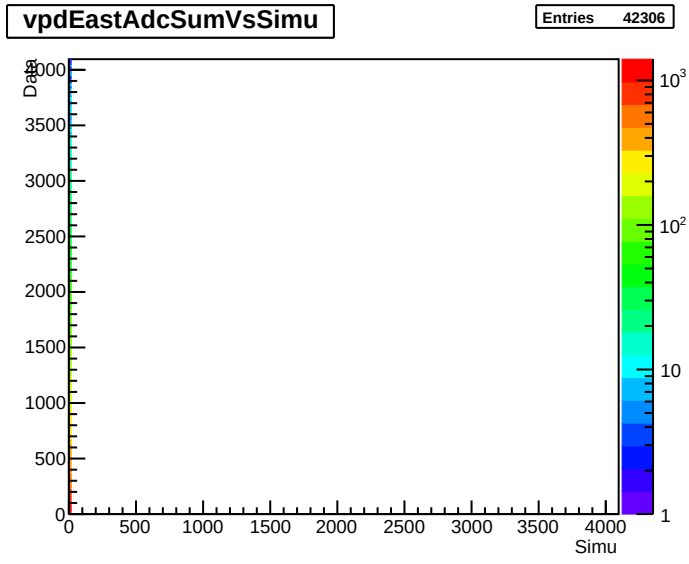

bbcSmallWestTacMax
Entries 53938

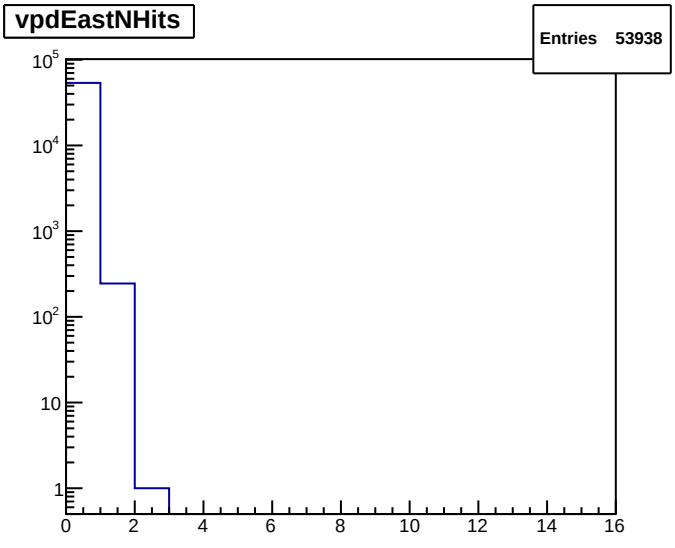

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

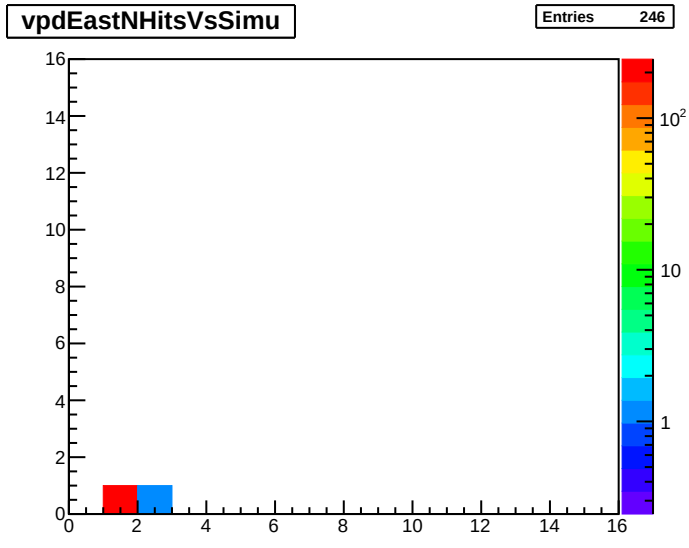

bbcLargeHit
Entries 107876
1
0
49888
48264
4050
5674
E-Hit
W-Hit
10^4

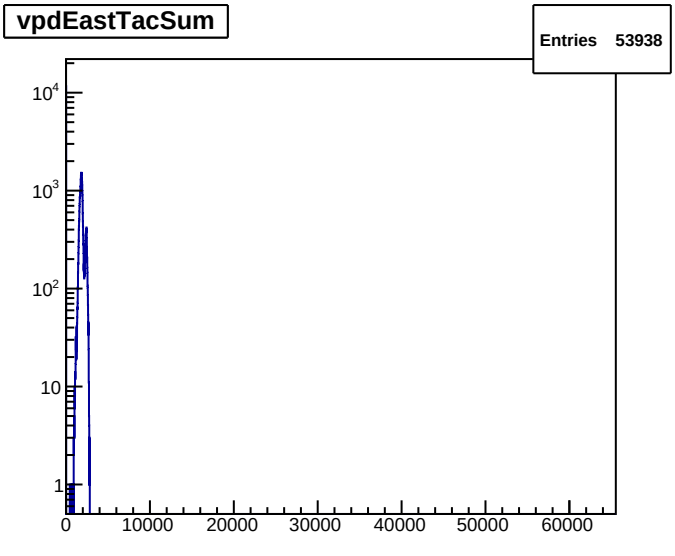

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

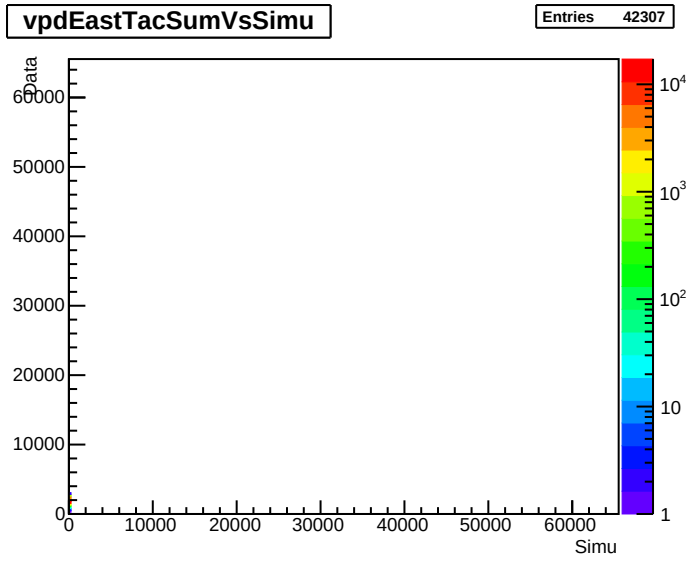

vpdEastAdcSum
Entries 53938

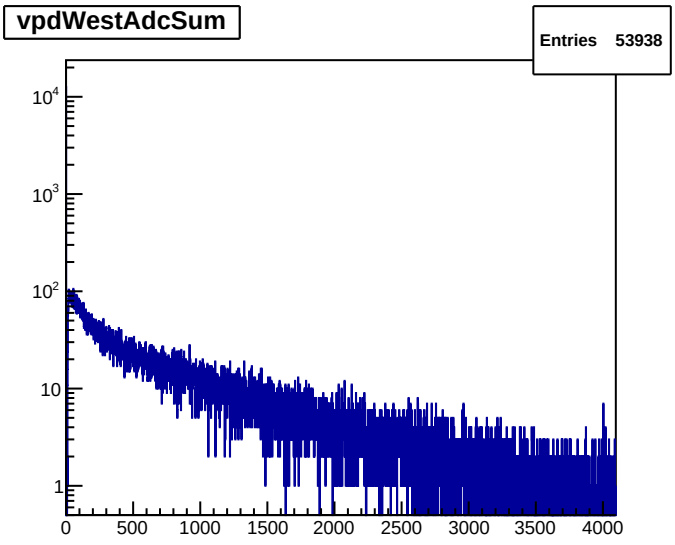

vpdEastAdcSumVsSimu
Entries 42306
Data
Simu

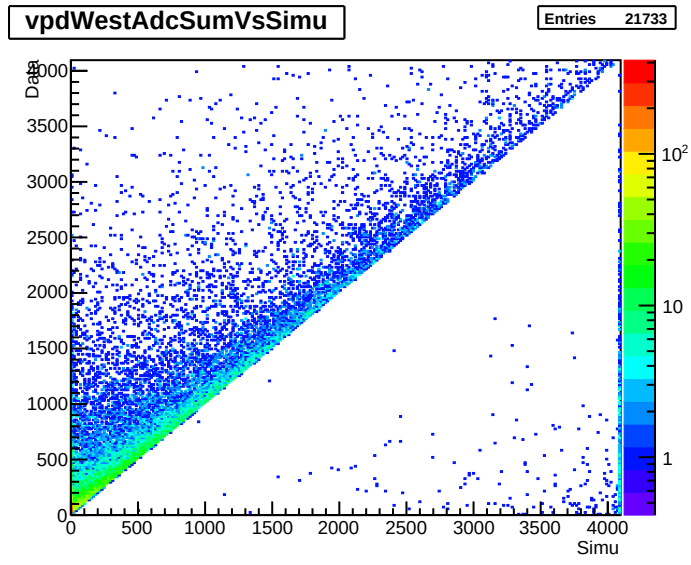

vpdEastNHits
Entries 53938

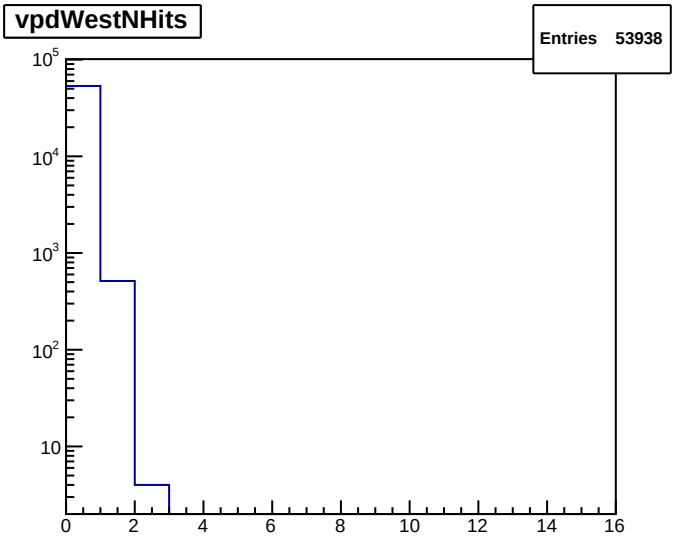

vpdEastNHitsVsSimu
Entries 246

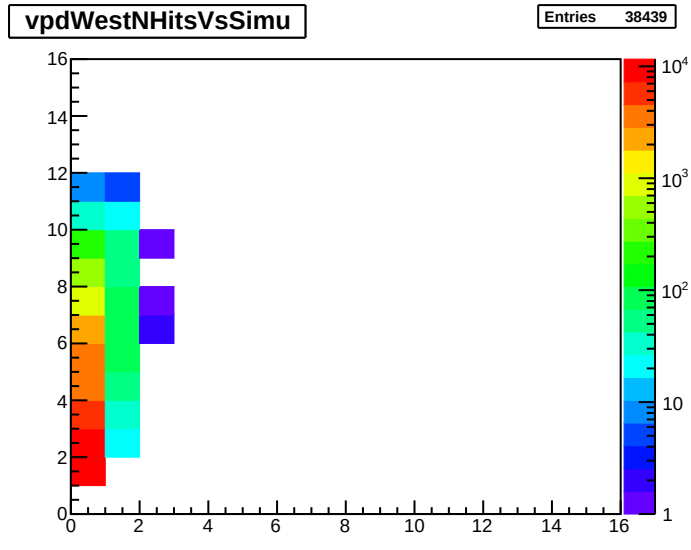

vpdEastTacSum
Entries 53938

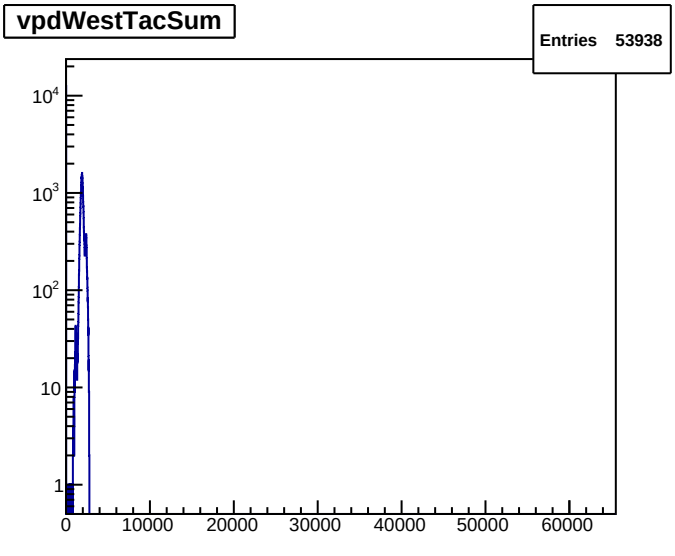

vpdEastTacSumVsSimu
Entries 42307
Data
Simu

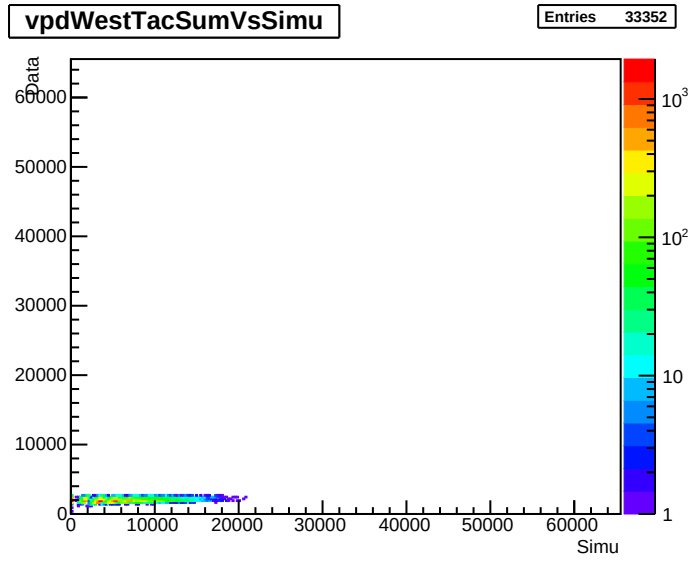

vpdWestAdcSum
Entries 53938

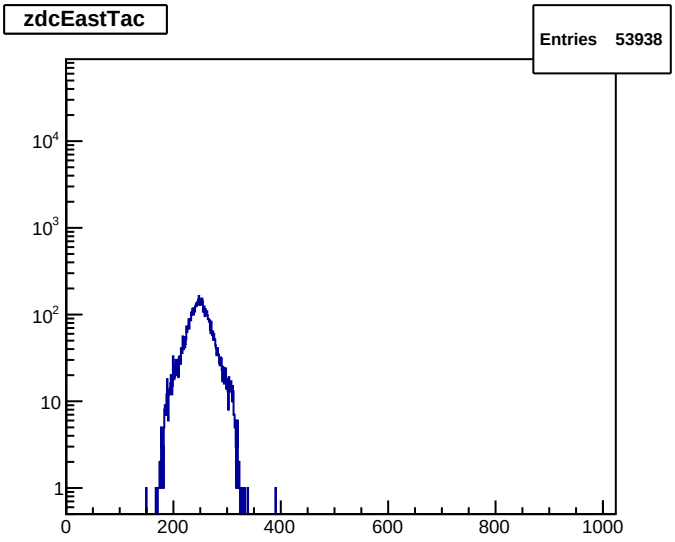

vpdWestAdcSumVsSimu
Entries 21733
Data
Simu

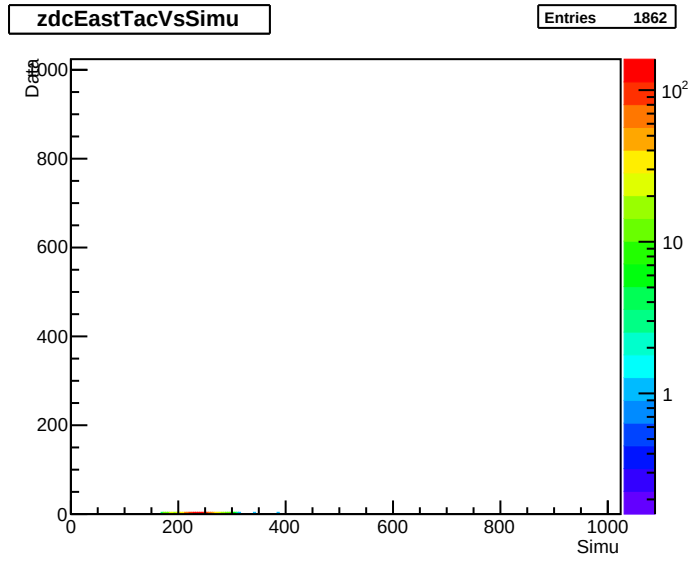

vpdWestNHits
Entries 53938

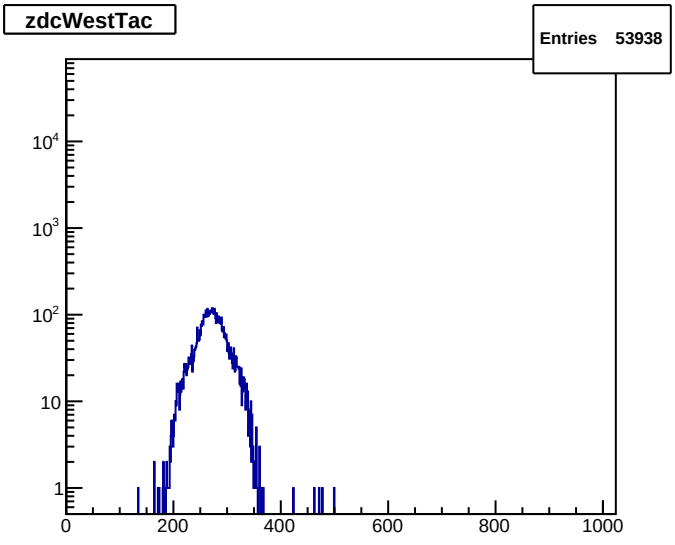

vpdWestNHitsVsSimu
Entries 38439

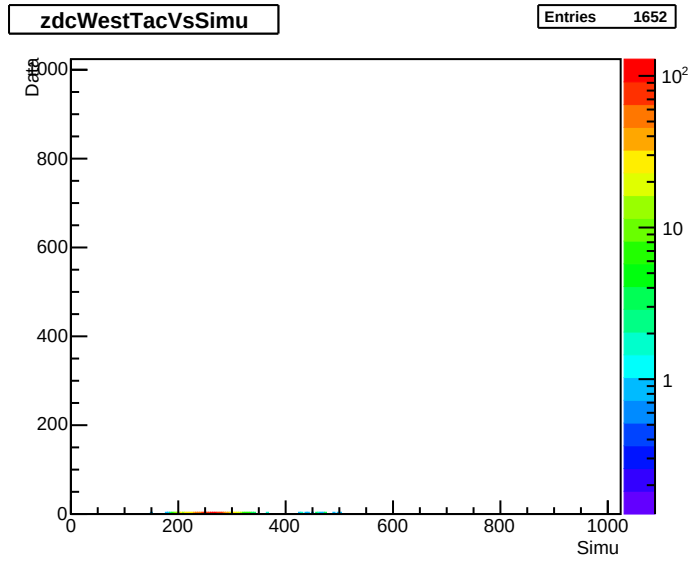

vpdWestTacSum
Entries 53938

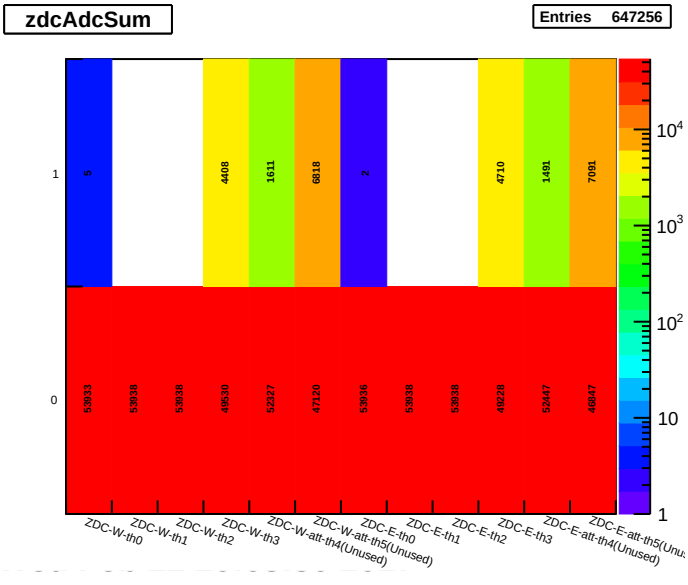

vpdWestTacSumVsSimu
Entries 33352
Data
Simu

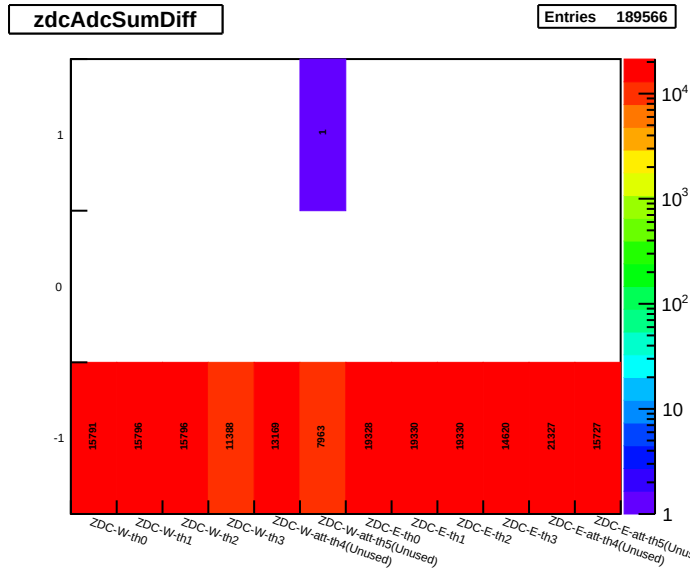

zdcEastTac
Entries 53938
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

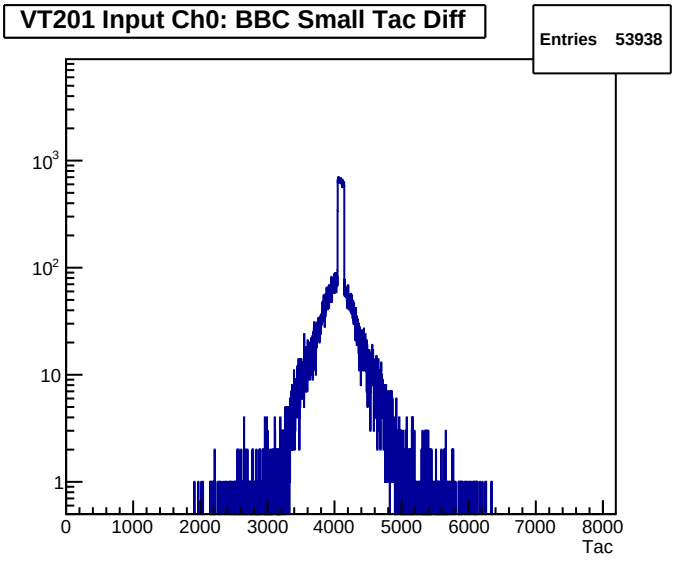

zdcEastTacVsSimu
Entries 1862
Data
1000
800
600
400
200
0
Simu
10^2
10
1

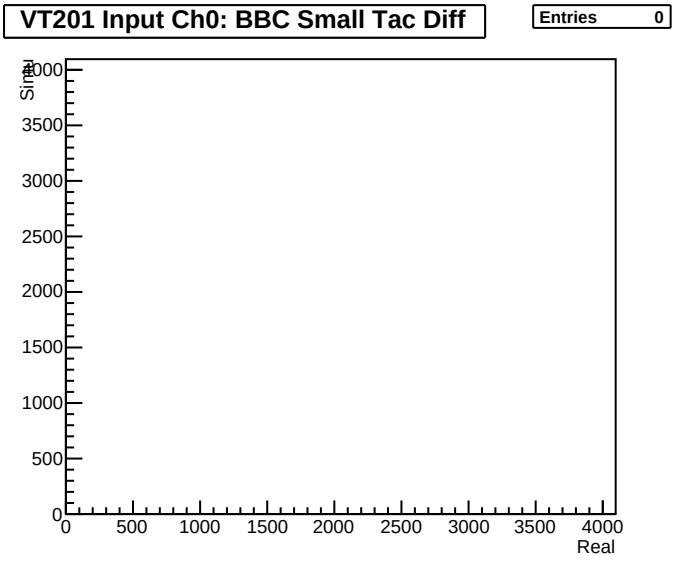

zdcWestTac
Entries 53938
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

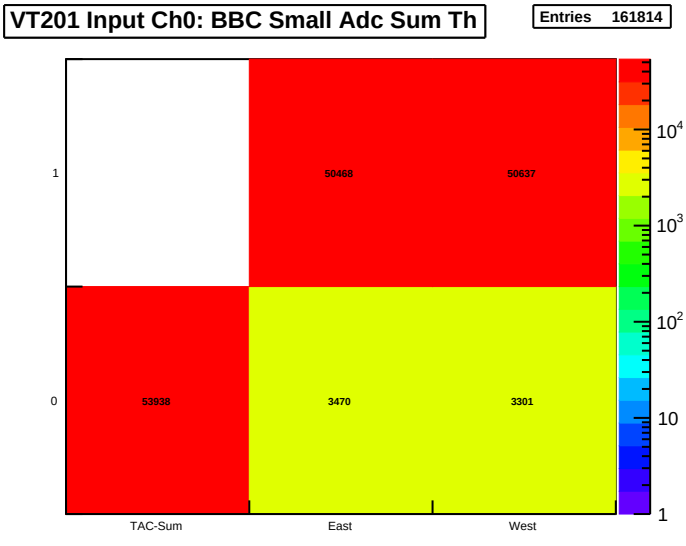

zdcWestTacVsSimu
Entries 1652
Data
1000
800
600
400
200
0
Simu
10^2
10
1

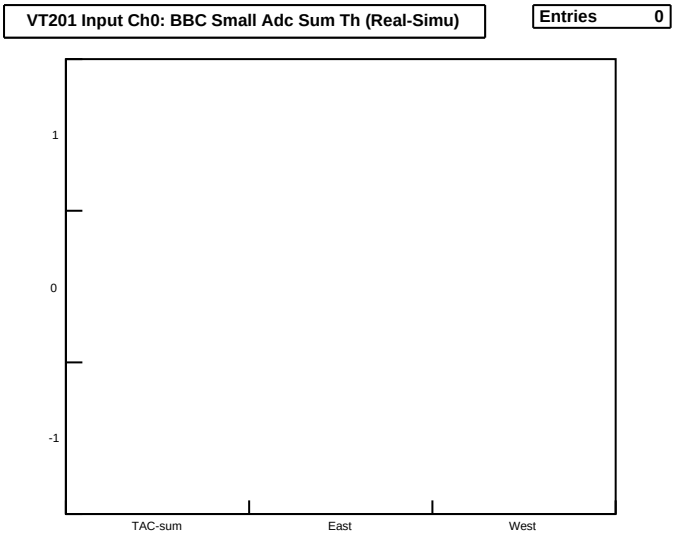

zdcAdcSum
Entries 647256
1
0
5
4408
1611
6818
2
4710
1491
7091
53933
53938
53938
49530
52227
47120
53936
53938
53938
49228
52447
46847
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

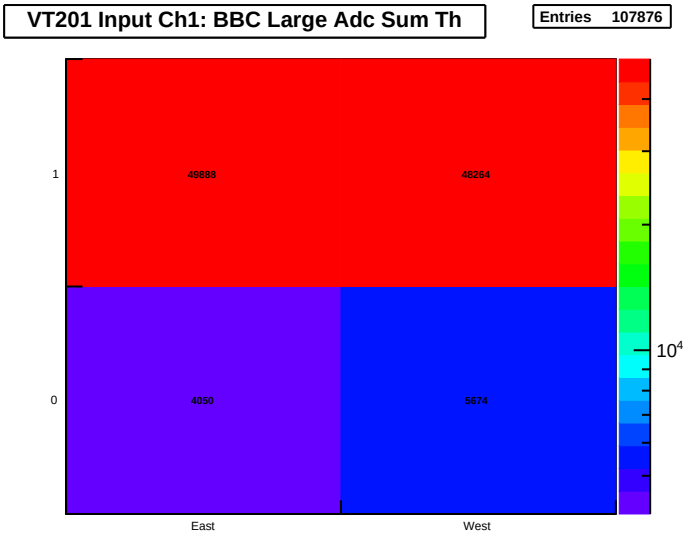

zdcAdcSumDiff
Entries 189566
1
0
-1
1
15791
15796
15796
11388
13169
7963
19328
19330
19330
14620
21327
15727
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

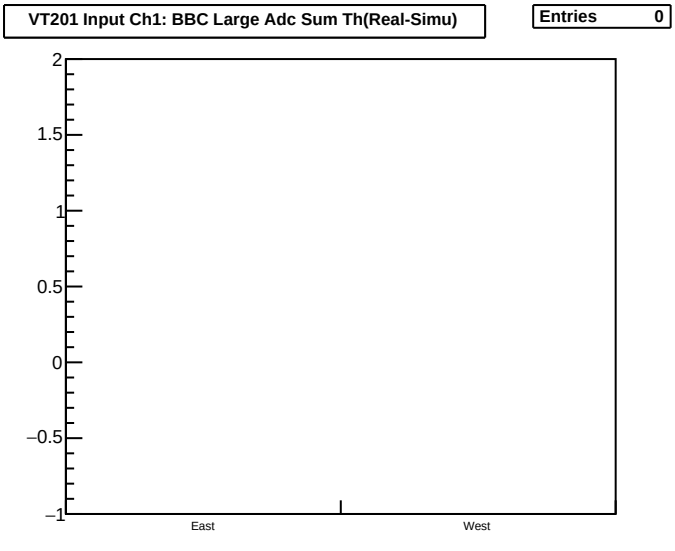

VT201 Input Ch0: BBC Small Tac Diff
Entries 53938
Tac


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

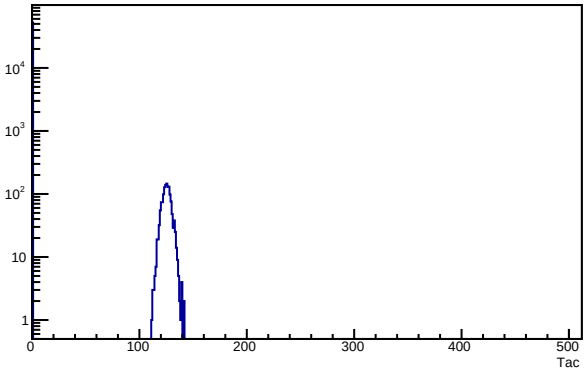

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 161814
50468
50637
53938
3470
3301
TAC-Sum
East
West


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

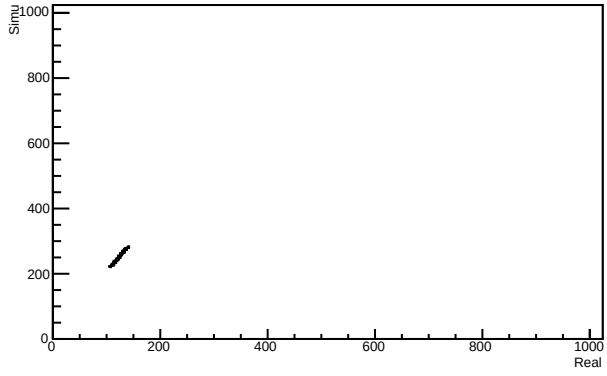

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 107876
49888
48264
4050
5674
East
West


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

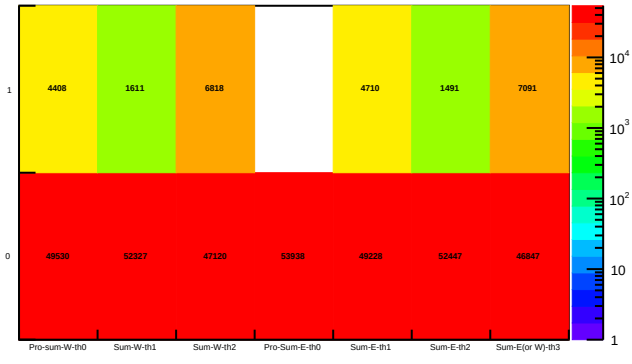
VT201 Input Ch2: ZDC Tac Diff



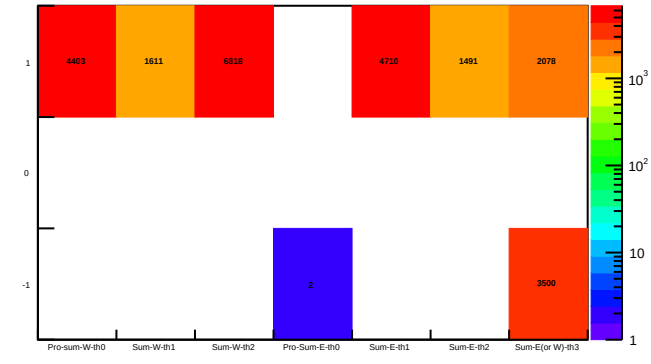
VT201 Input Ch2: ZDC Tac Diff



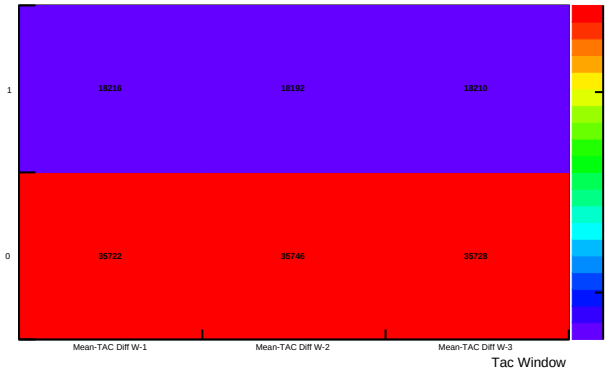
VT201 Input Ch2: ZDC Adc Sum Th



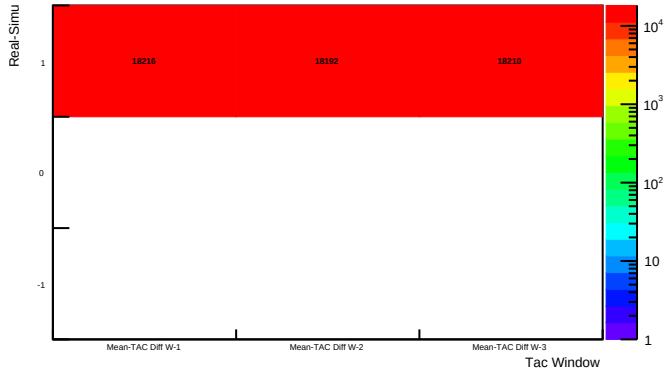
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



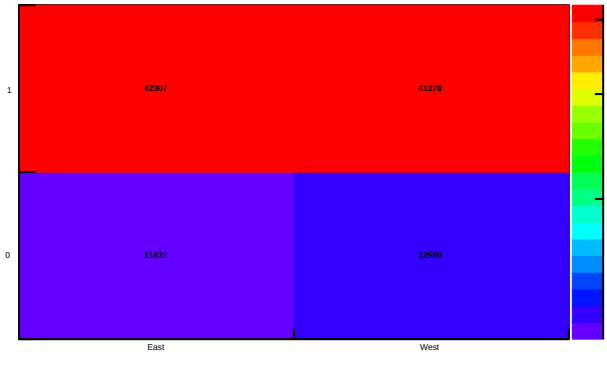
VT201 Input Ch4: VPD Tac Diff



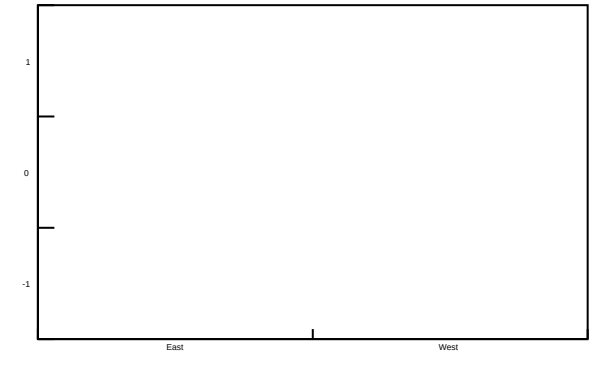
VT201 Input Ch4: VPD Tac Diff

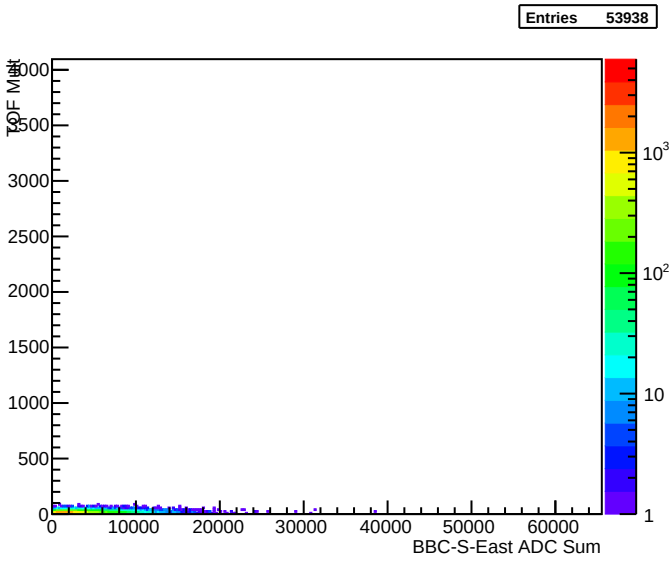


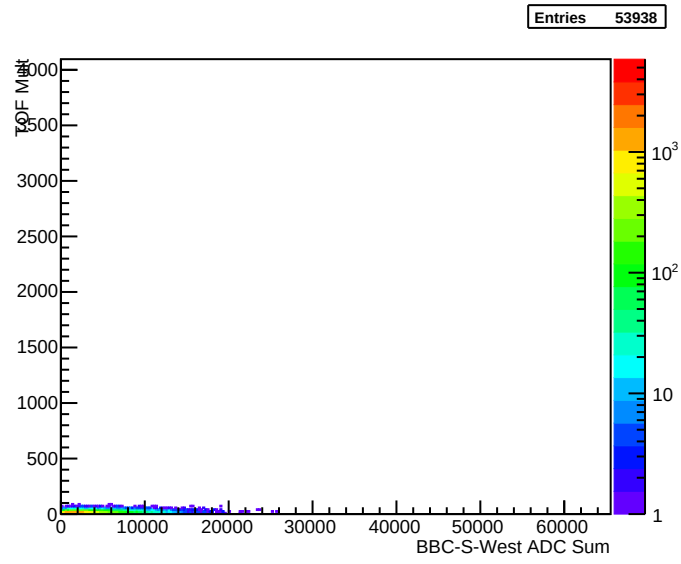
VT201 Input Ch4: VPD Adc Sum Th

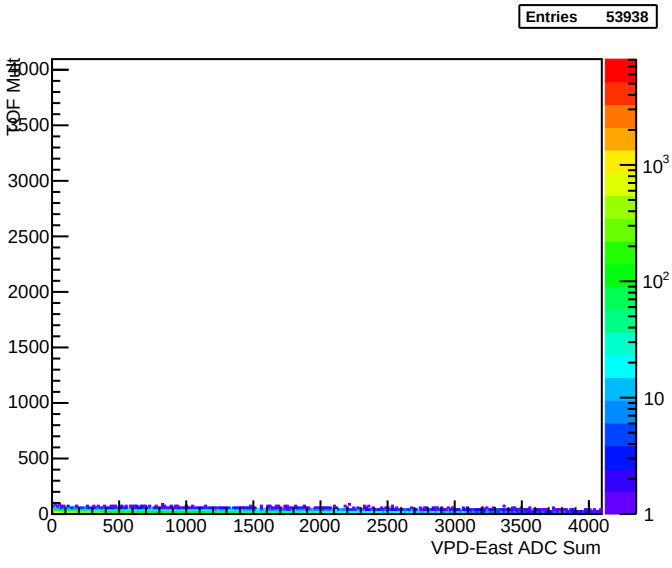


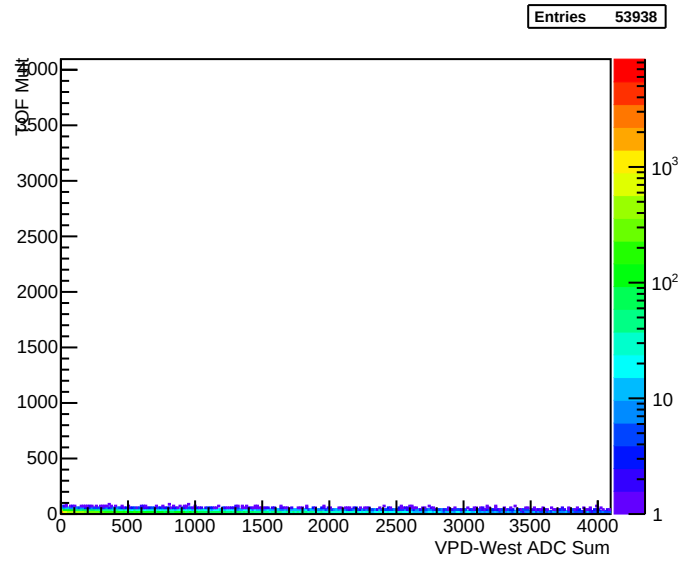
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

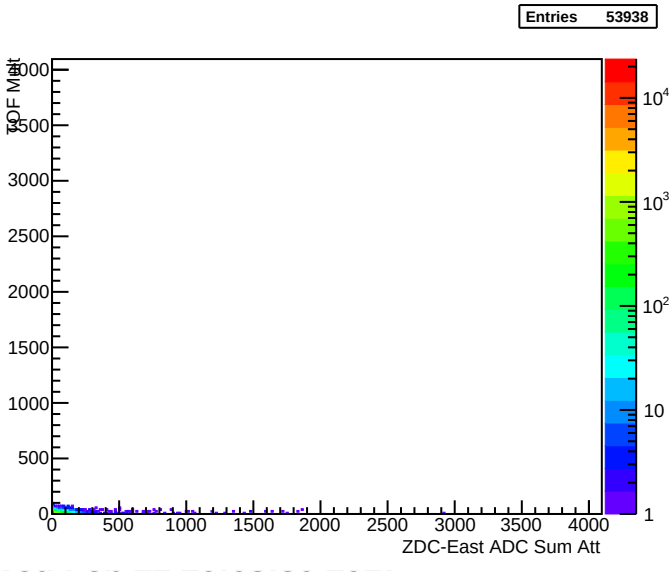


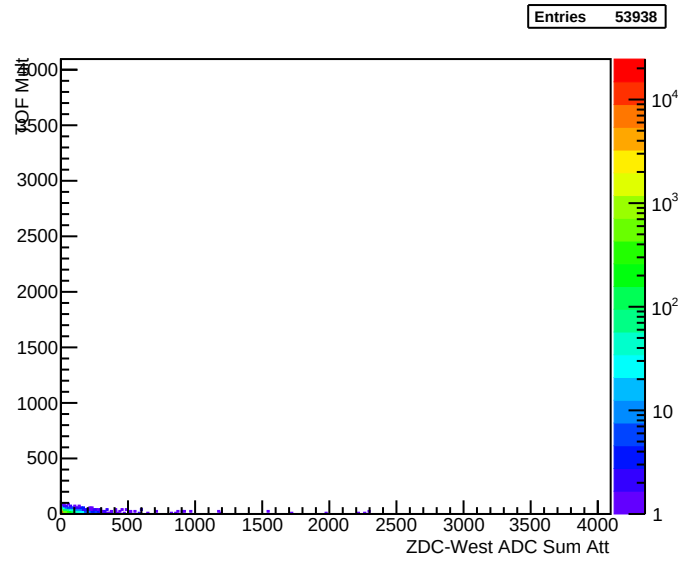

Entries 53938
TOF Mult
BBC-S-East ADC Sum

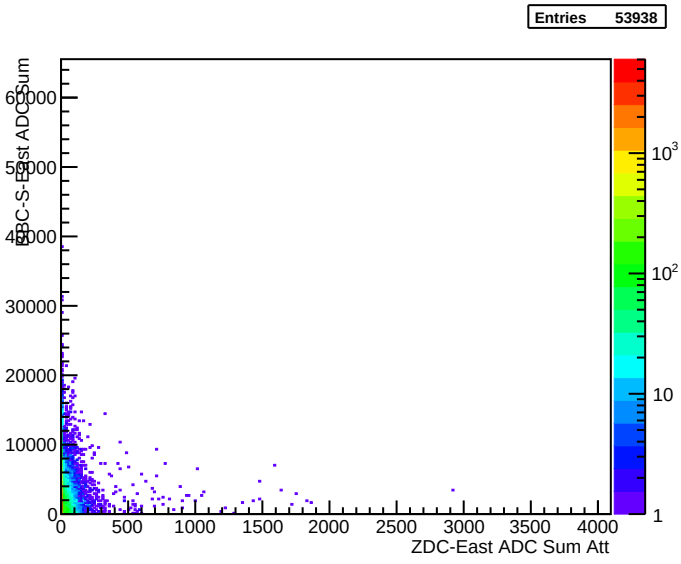

Entries 53938
TOF Mult
BBC-S-West ADC Sum

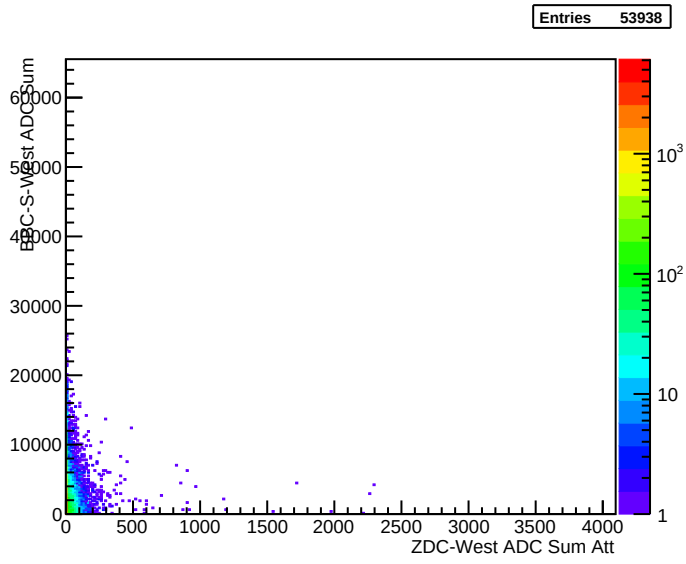

Entries 53938
TOF Mult
VPD-East ADC Sum

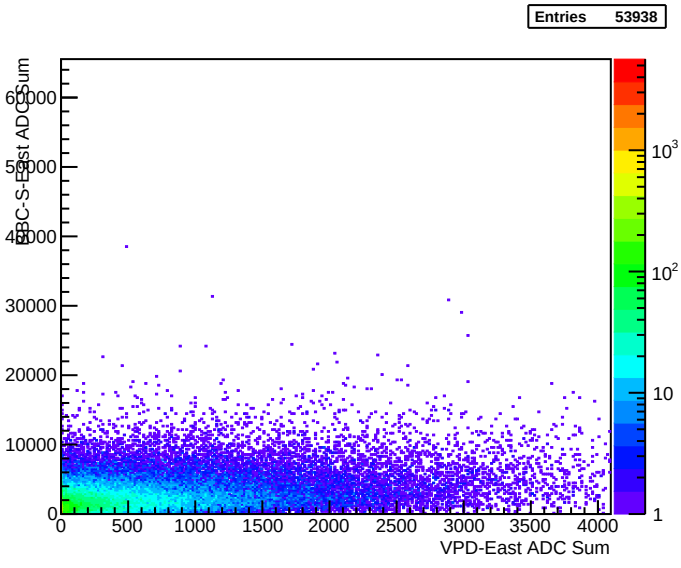

Entries 53938
TOF Mult
VPD-West ADC Sum

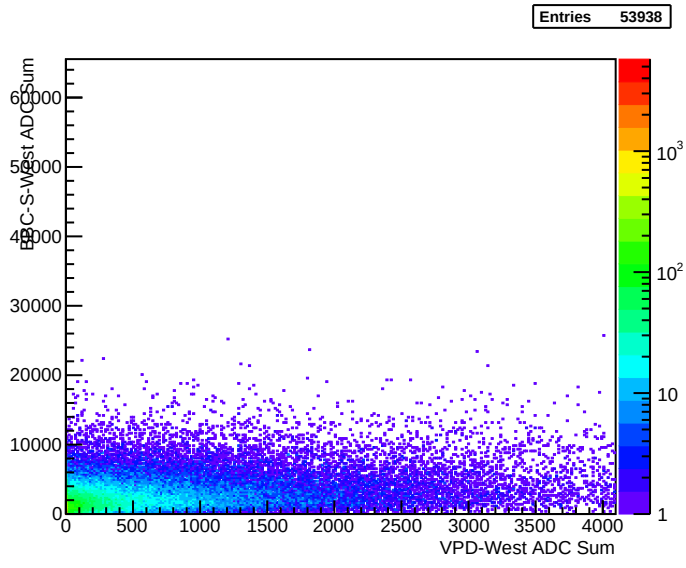

Entries 53938
TOF Mult
ZDC-East ADC Sum Att

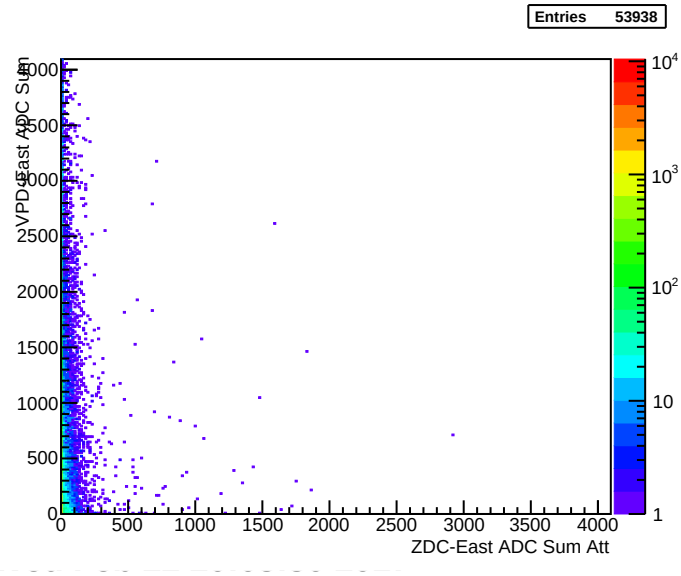

Entries 53938
TOF Mult
ZDC-West ADC Sum Att

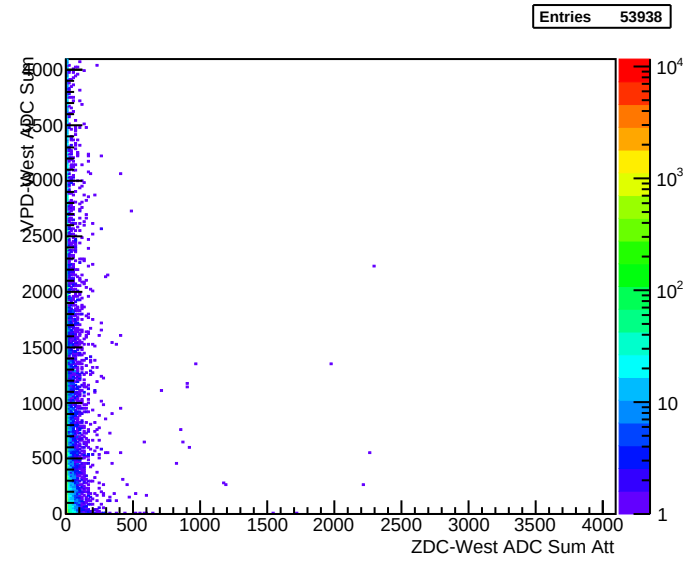

Entries 53938
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

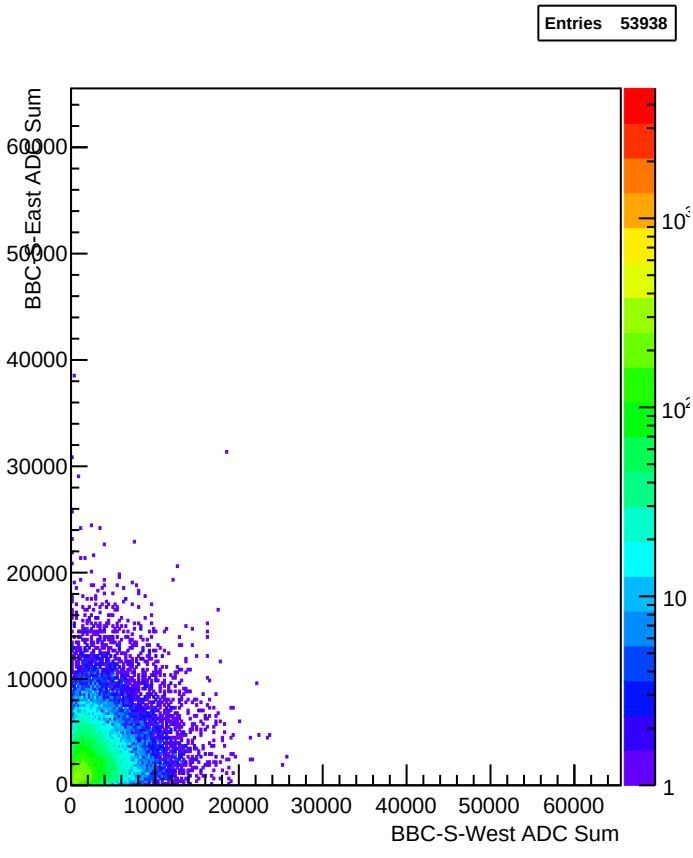

Entries 53938
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

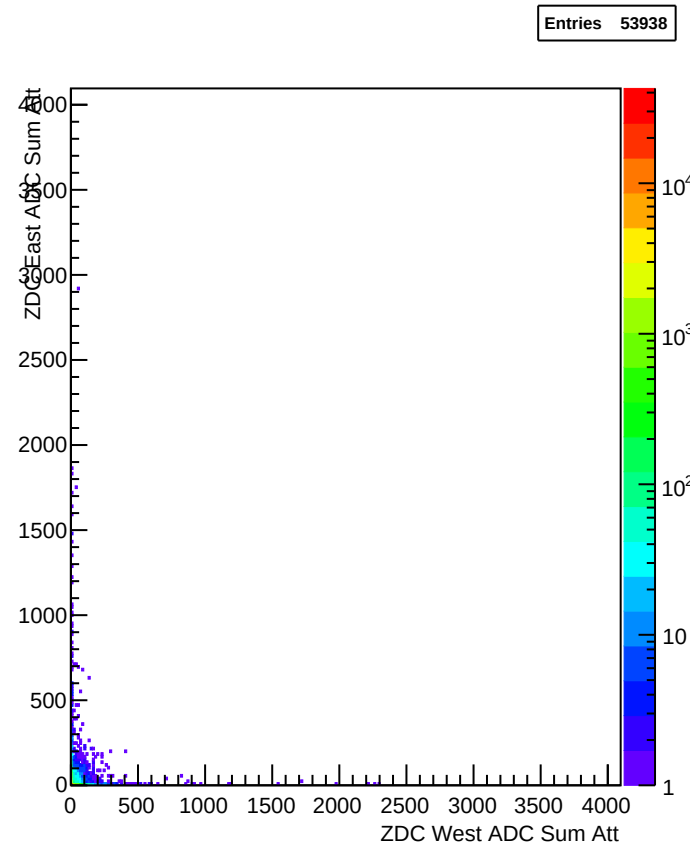

Entries 53938
BBC-S-East ADC Sum
VPD-East ADC Sum

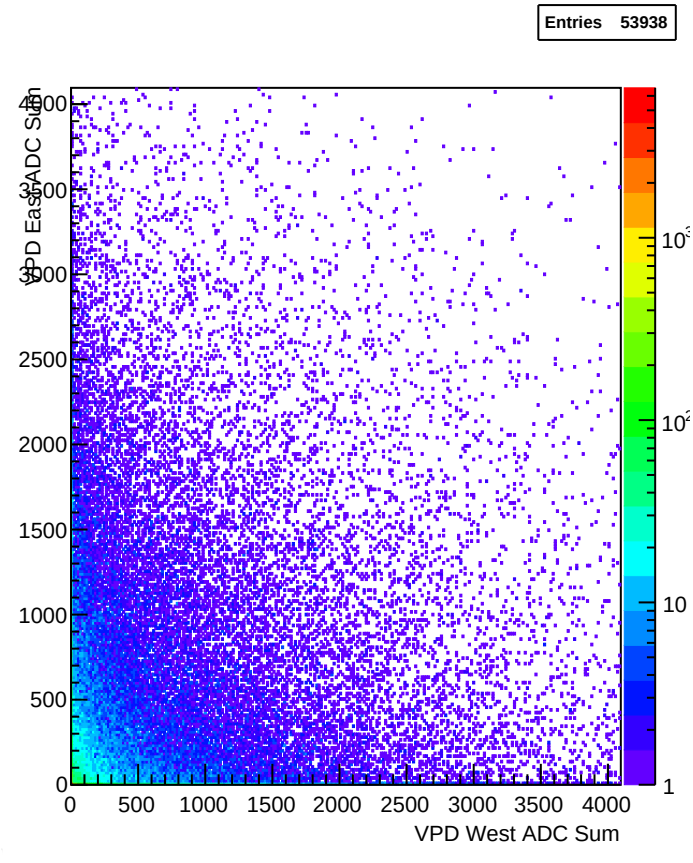

Entries 53938
BBC-S-West ADC Sum
VPD-West ADC Sum

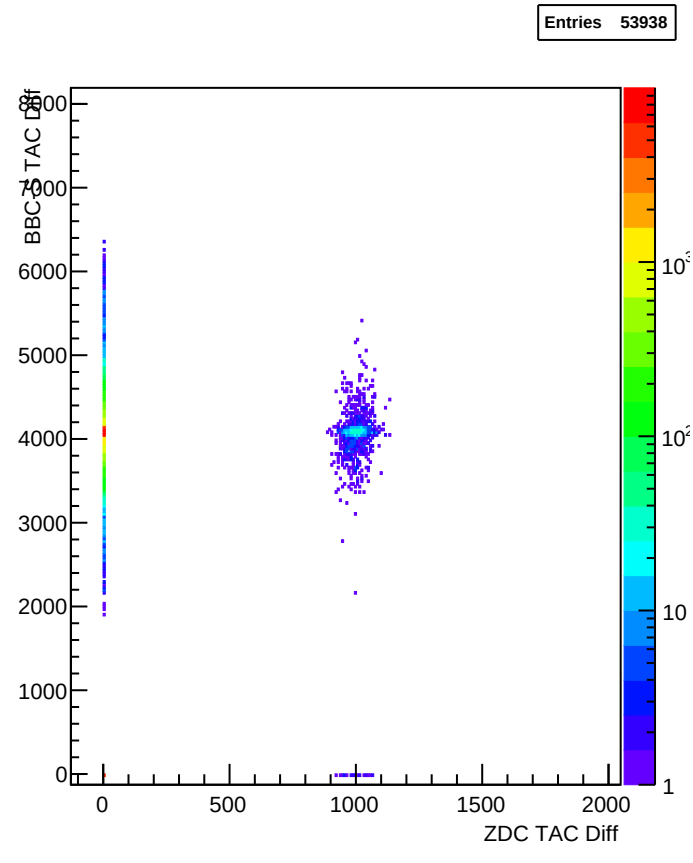

Entries 53938
VPD-East ADC Sum
ZDC-East ADC Sum Att

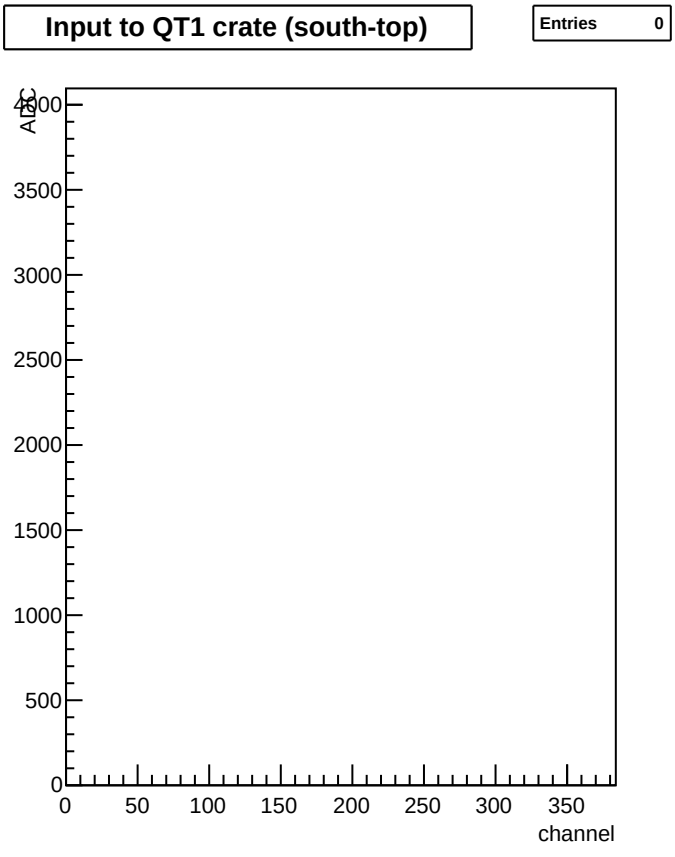

Entries 53938
VPD-West ADC Sum
ZDC-West ADC Sum Att

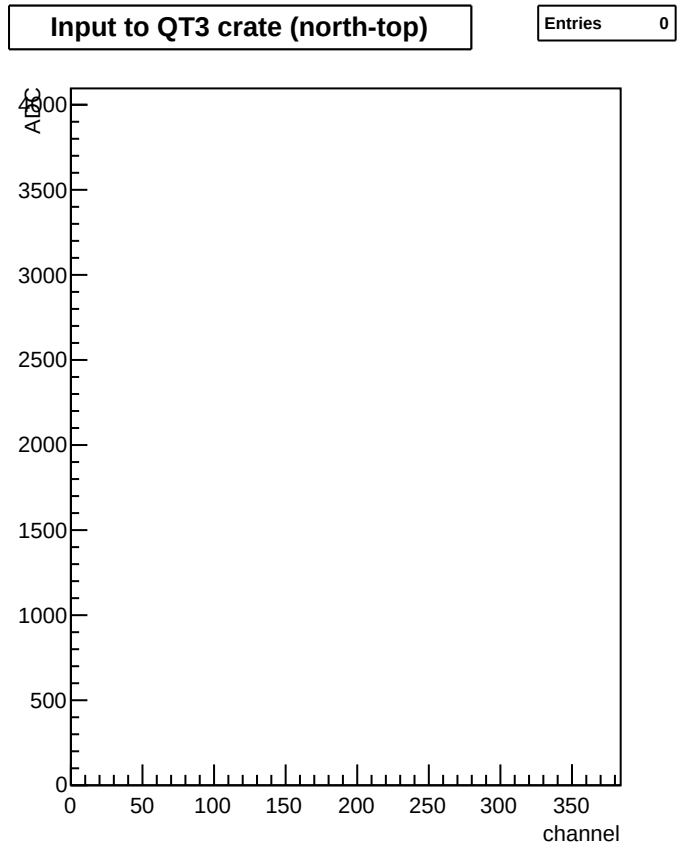

Entries 53938
BBC-S-East ADC Sum
BBC-S-West ADC Sum

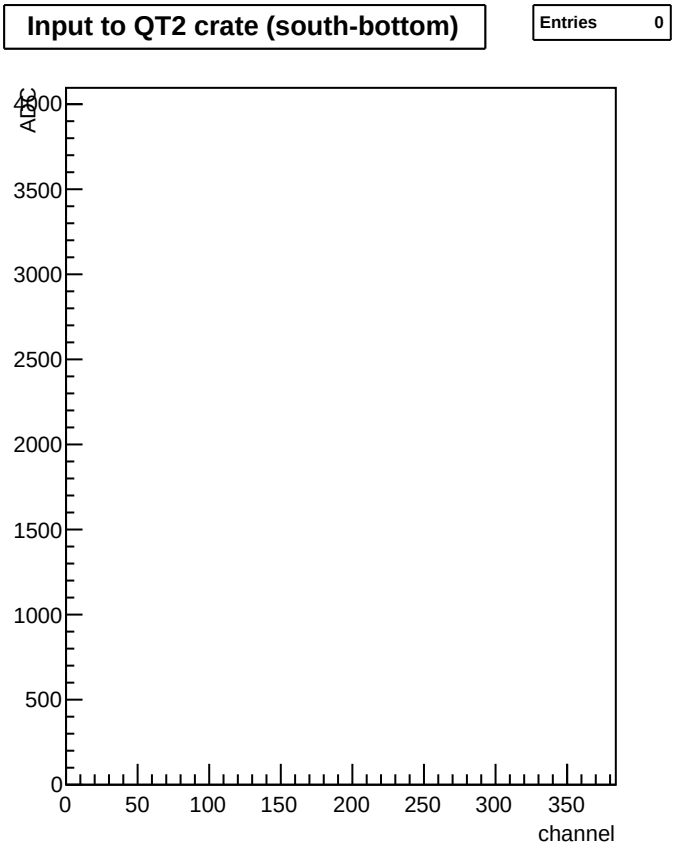

Entries 53938
ZDC East ADC Sum Att
ZDC West ADC Sum Att

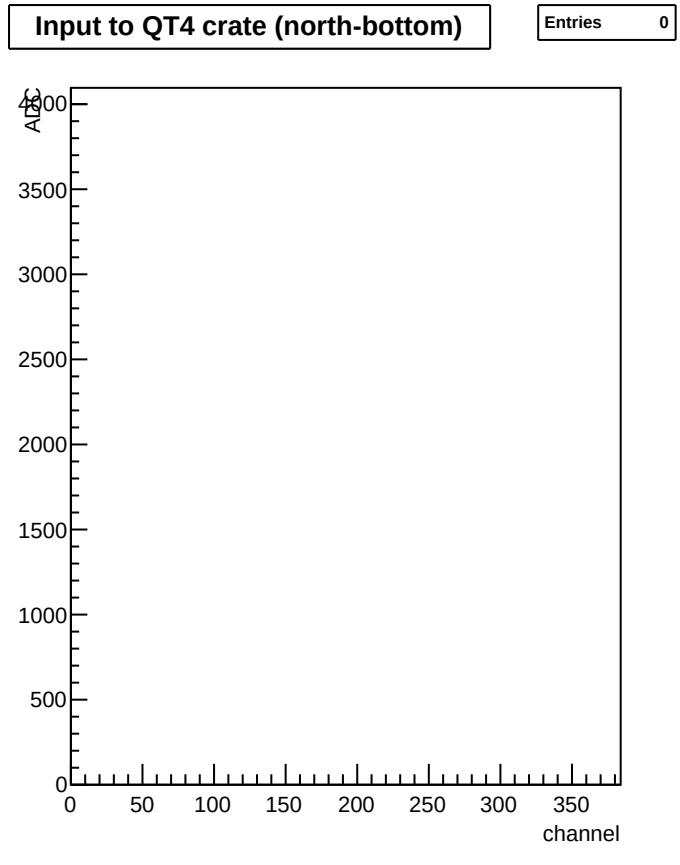

Entries 53938
VPD East ADC Sum
VPD West ADC Sum

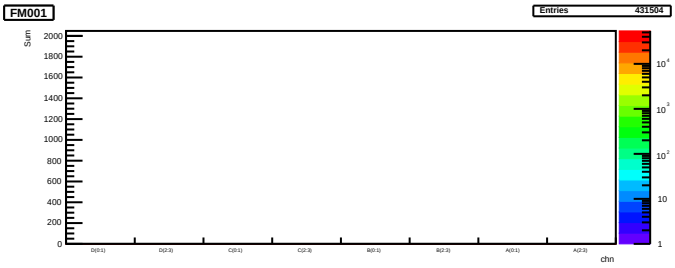

Entries 53938
BBC-S TAC Diff
ZDC TAC Diff

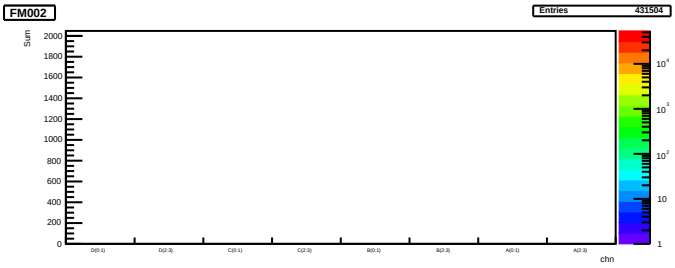

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

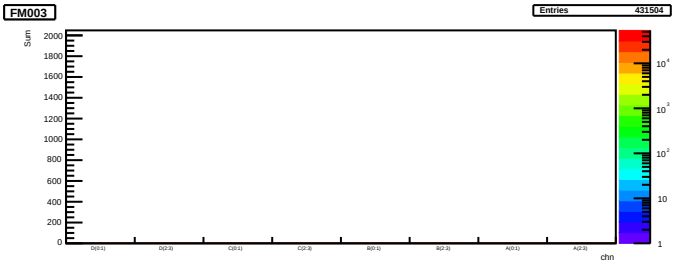

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

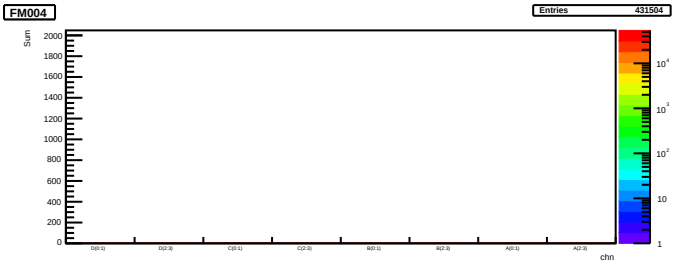

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

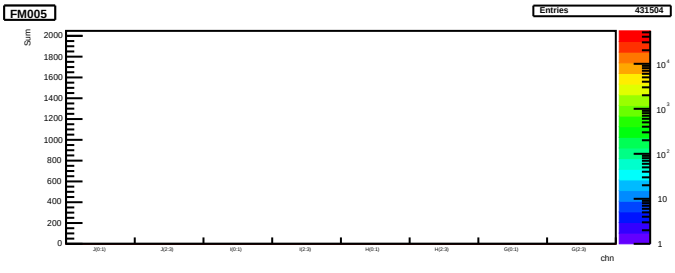

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

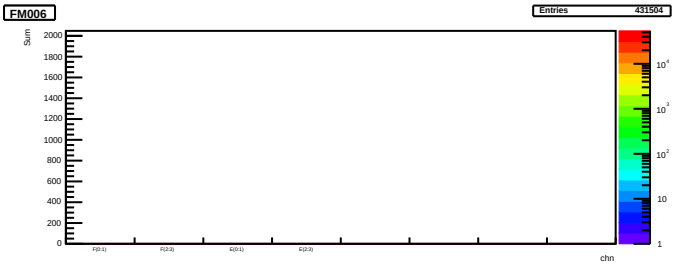

FM001
Entries 431504
Sum
chn

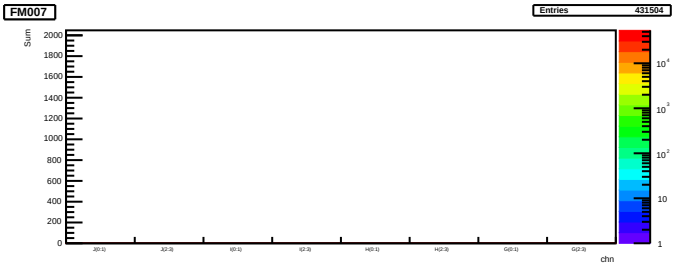

FM002
Entries 431504
Sum
chn

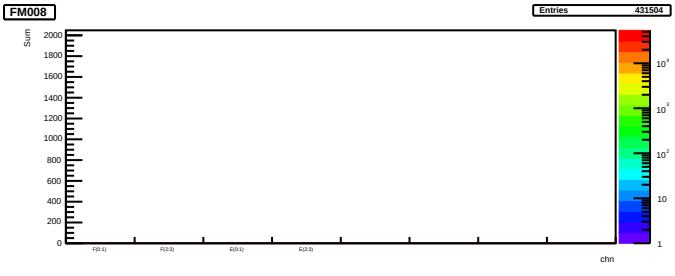

FM003
Entries 431504
Sum
chn

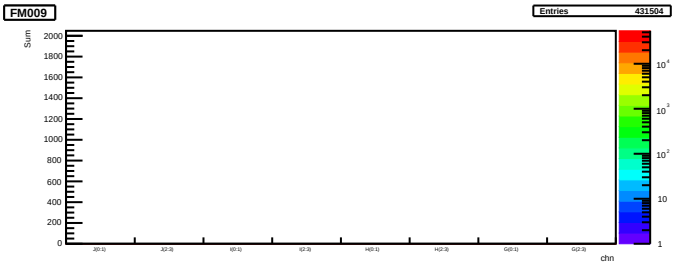

FM004
Entries 431504
Sum
chn

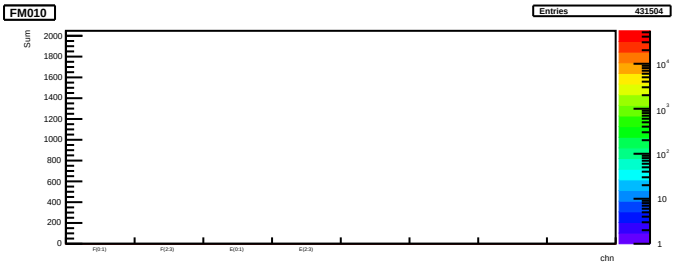

FM005
Entries 431504
Sum
chn

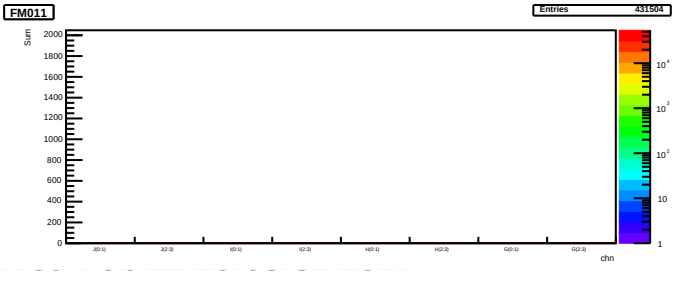

FM006
Entries 431504
Sum
chn

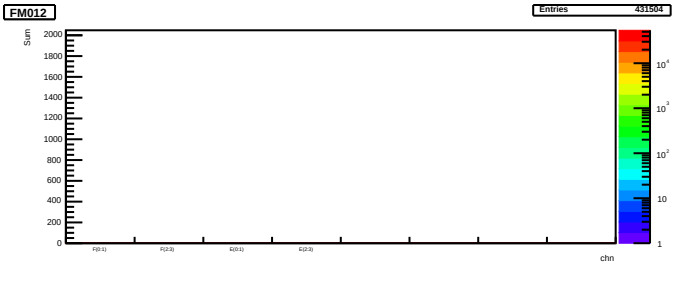

FM007
Entries 431504
Sum
chn

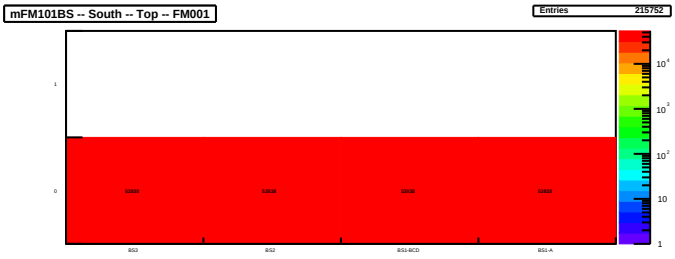

FM008
Entries 431504
Sum
chn

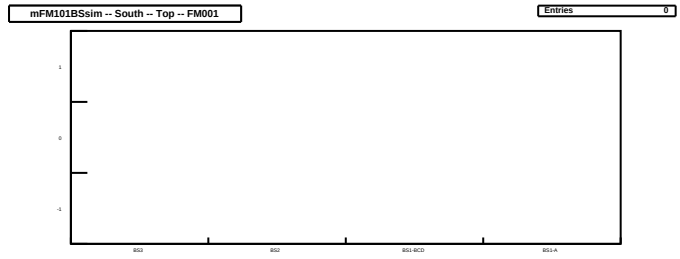

FM009
Entries 431504
Sum
chn

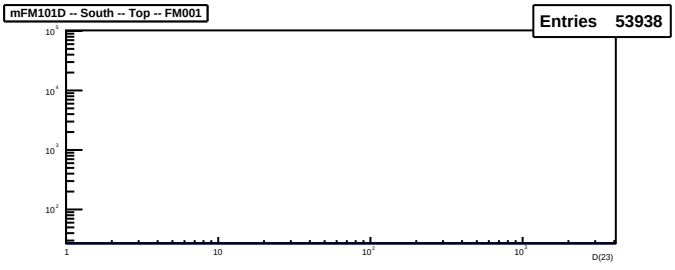

FM010
Entries 431504
Sum
chn

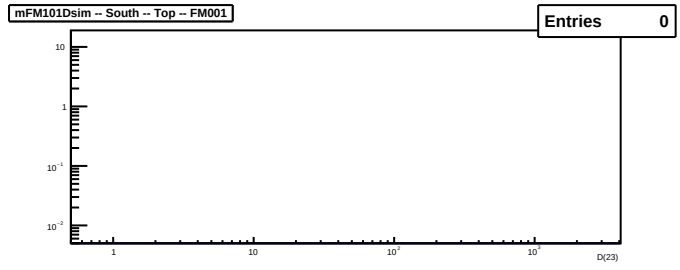

FM011
Entries 431504
Sum
chn


FM012
Entries 431504
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 215752
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 53938
D(23)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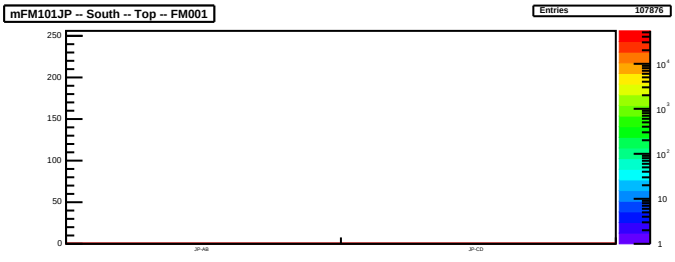
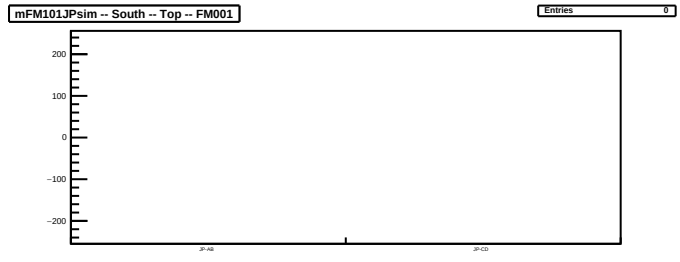
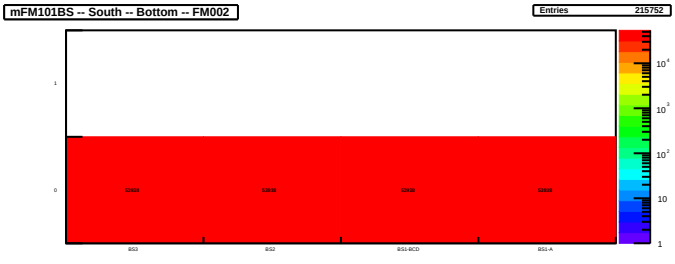
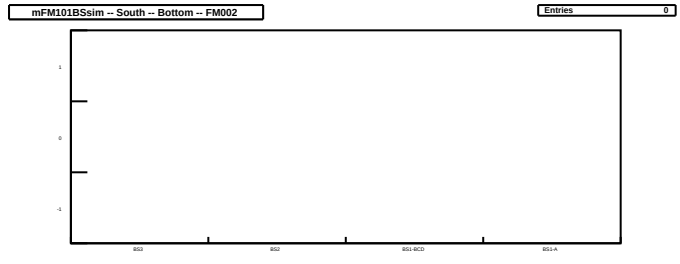
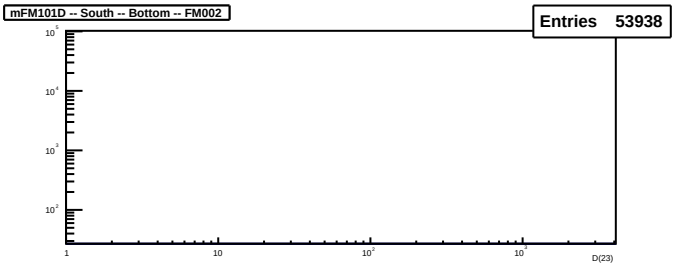
Entries 0
D(23)

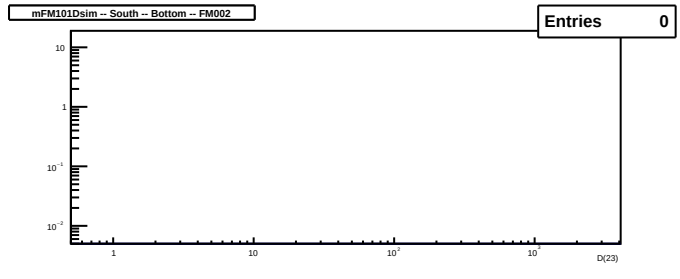

mFM101JP -- South -- Top -- FM001
Entries 107876
JP-AB
JP-CD


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

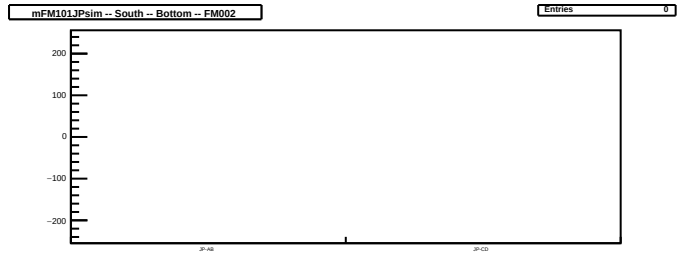

mFM101BS -- South -- Bottom -- FM002
Entries 215752
BS3
BS2
BS1-BCD
BS1-A

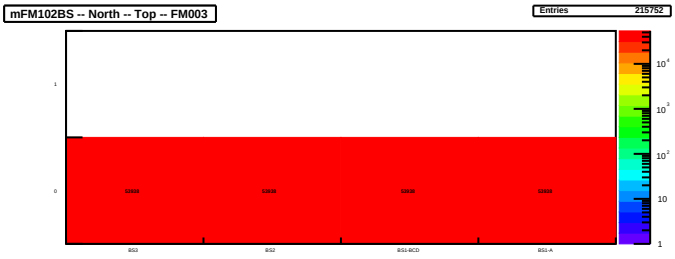

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 53938
D(23)

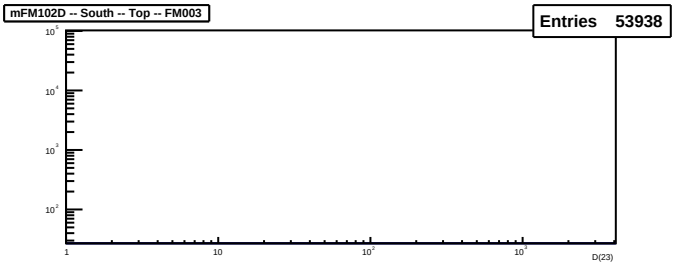

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 107876
JP-AB
JP-CD


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


mFM102BS -- North -- Top -- FM003
Entries 215752
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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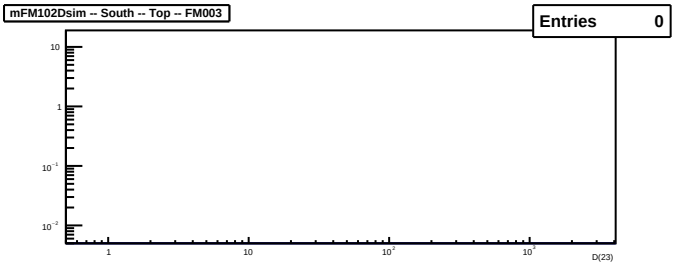
Entries 53938
D(23)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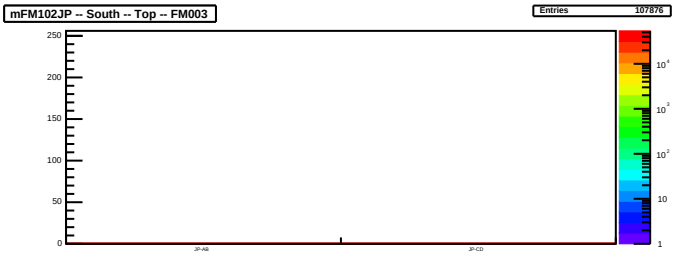
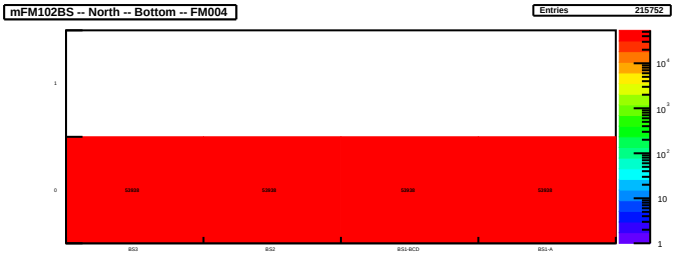
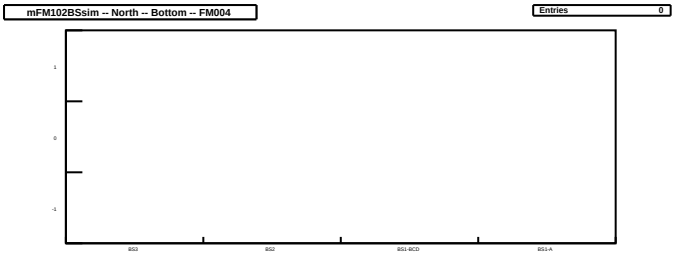
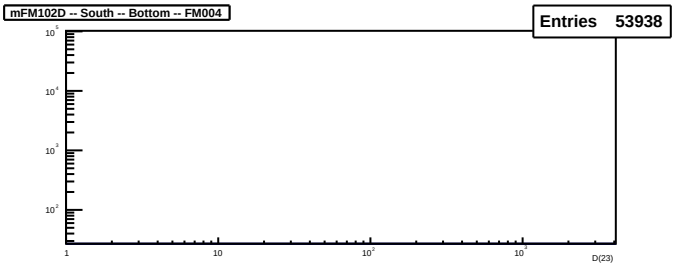
Entries 0
D(23)

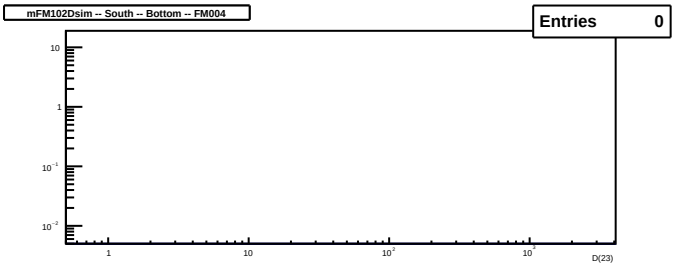

mFM102JP -- South -- Top -- FM003
Entries 107876
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 215752
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 53938
D(23)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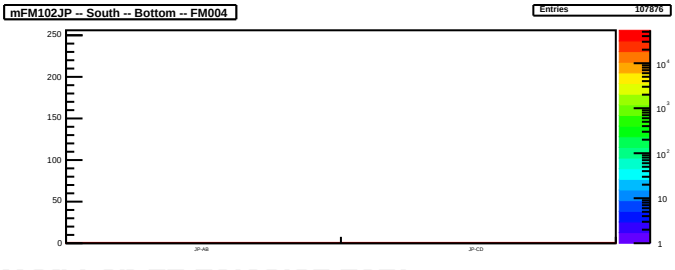
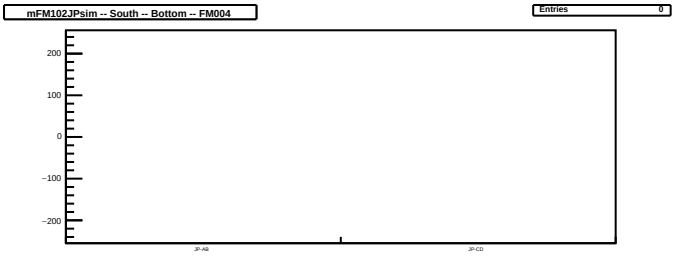
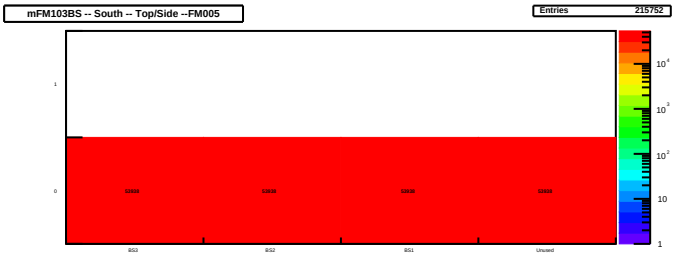
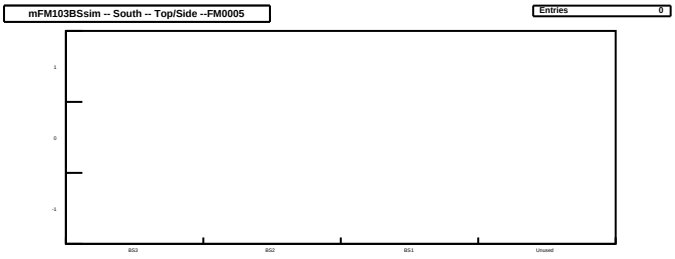
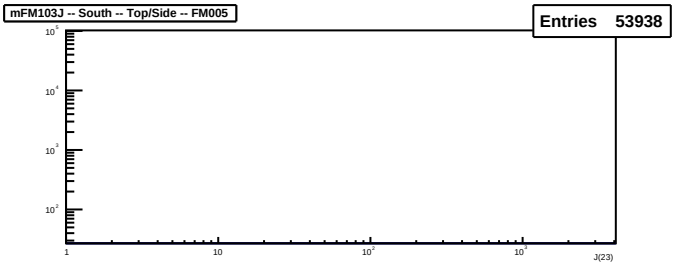
Entries 0
D(23)

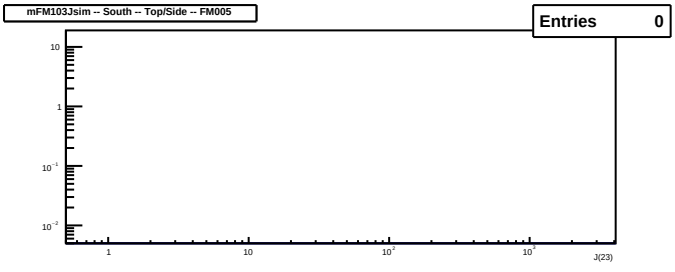

mFM102JP -- South -- Bottom -- FM004
Entries 107876
JP-AB
JP-CD

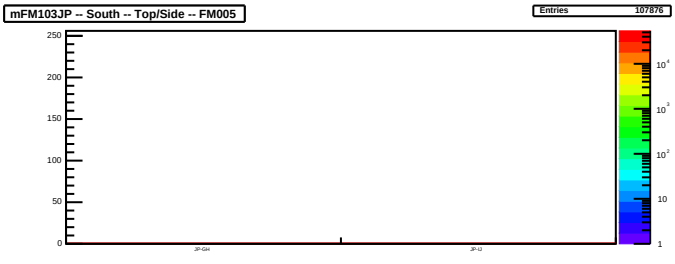

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

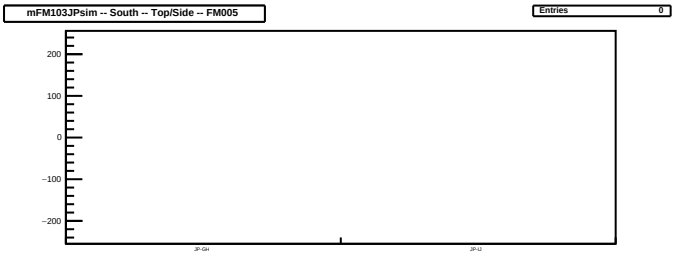

mFM103BS -- South -- Top/Side --FM005
Entries 215752
BS3
BS2
BS1
Unused

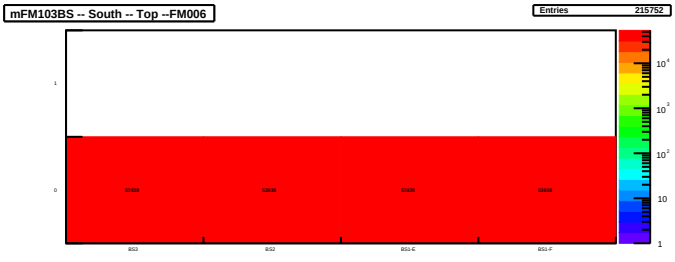

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

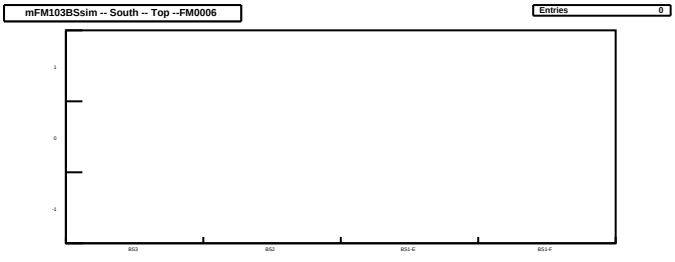

mFM103J -- South -- Top/Side -- FM005
Entries 53938
J(23)

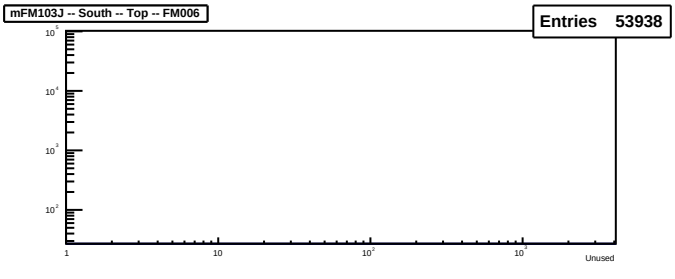

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

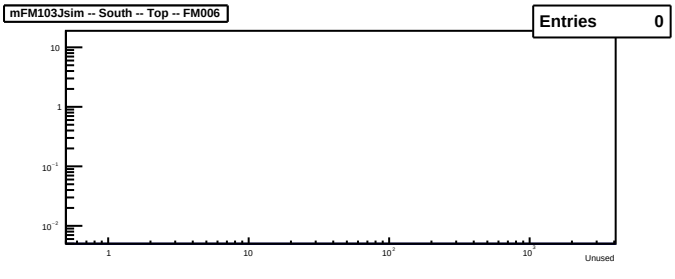

mFM103JP -- South -- Top/Side -- FM005
Entries 107876
JP-GH
JP-U

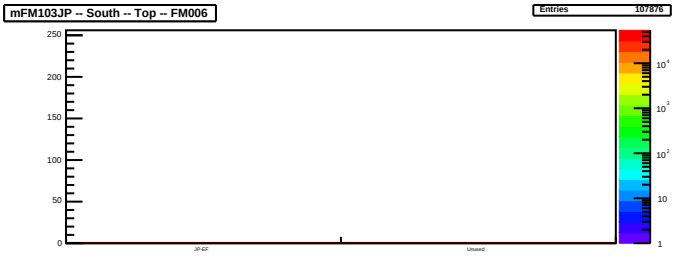

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

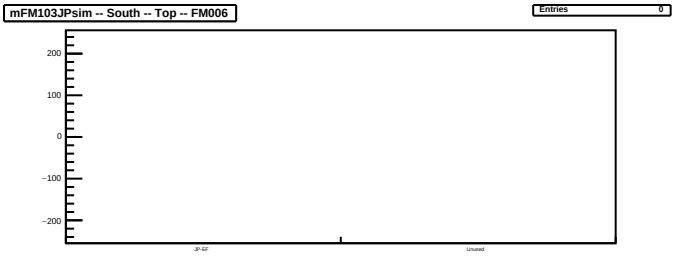

mFM103BS -- South -- Top --FM006
Entries 215752
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 53938
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 107876
JP-EF
Unused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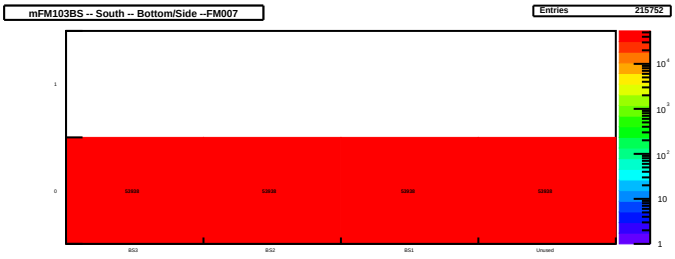
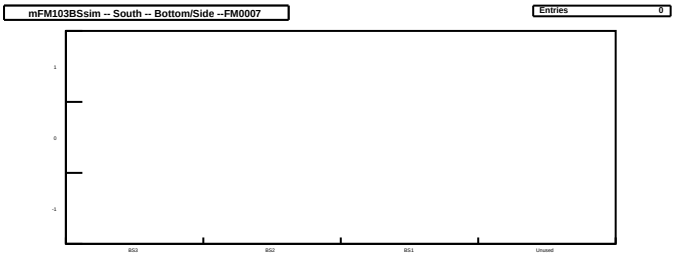
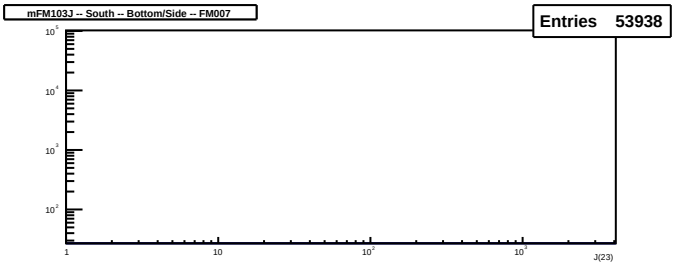
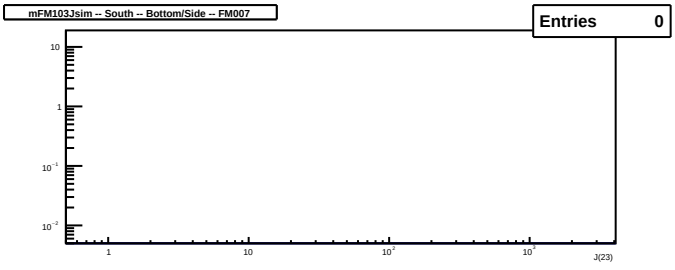
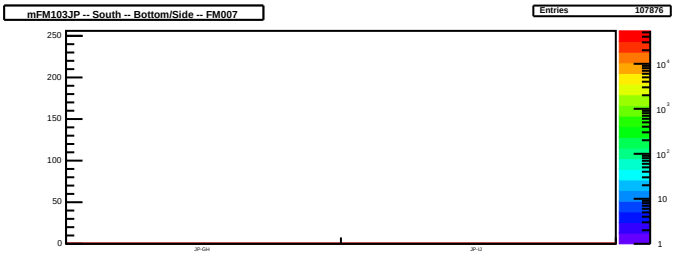
Entries 0
JP-EF
Unused

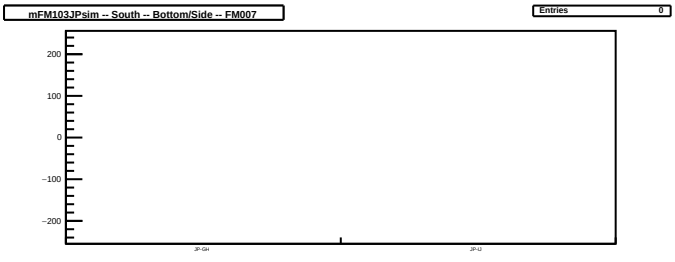

mFM103BS -- South -- Bottom/Side --FM007
Entries 215752
BS3
BS2
BS1
Unused

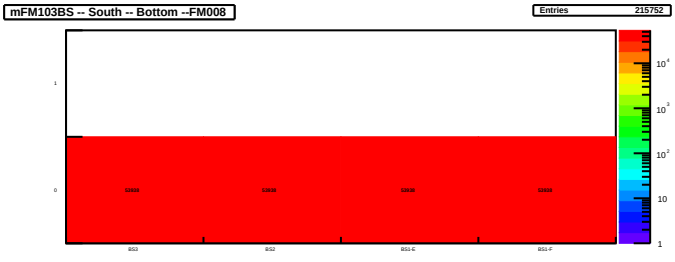

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

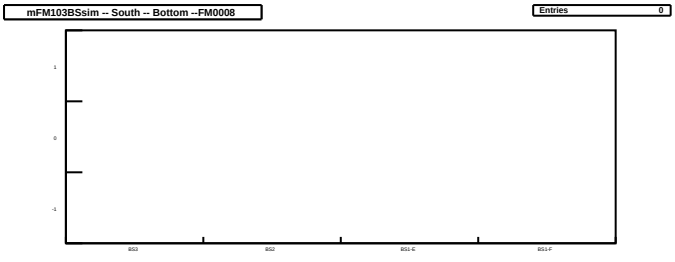

mFM103J -- South -- Bottom/Side -- FM007
Entries 53938
J(23)

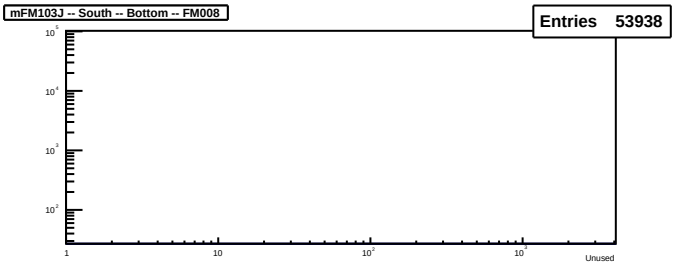

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

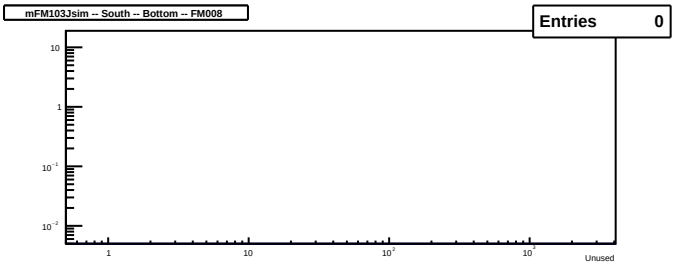

mFM103JP -- South -- Bottom/Side -- FM007
Entries 107876
JP-GH
JP-U

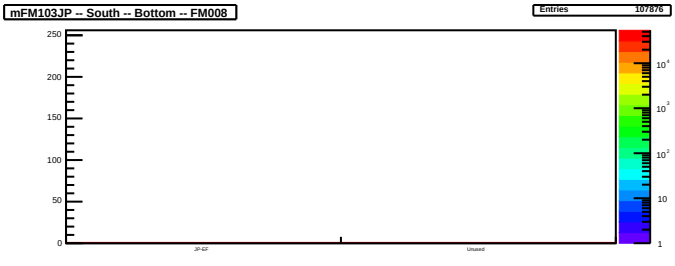

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-U


mFM103BS -- South -- Bottom --FM008
Entries 215752
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Bottom -- FM008
Entries 53938
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused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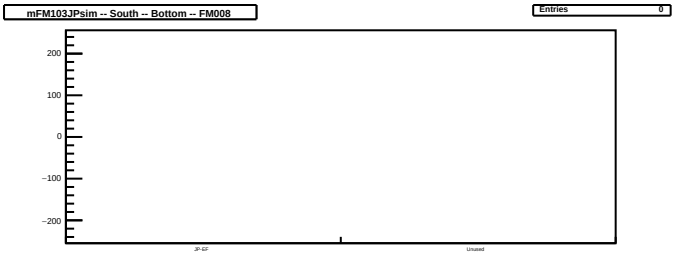
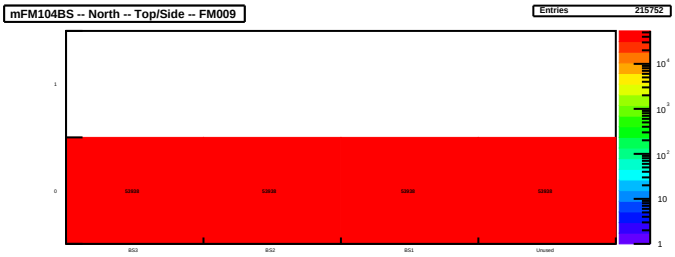
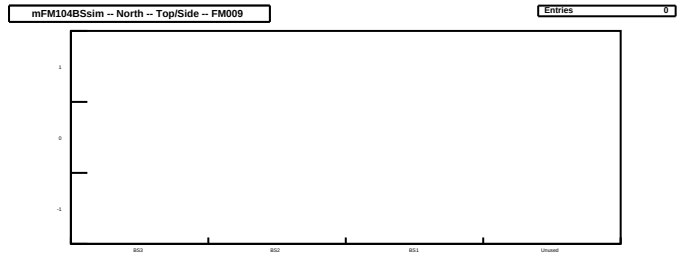
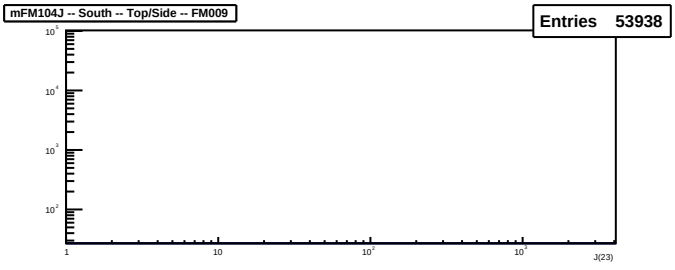
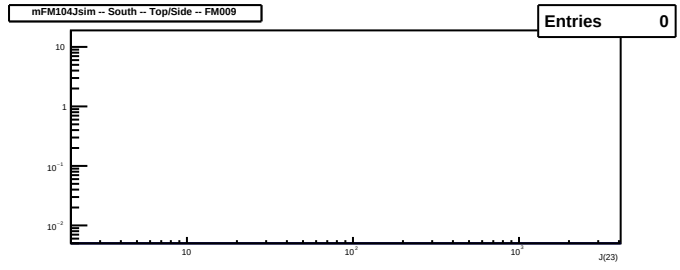
Entries 107876
JP-EF
Unused

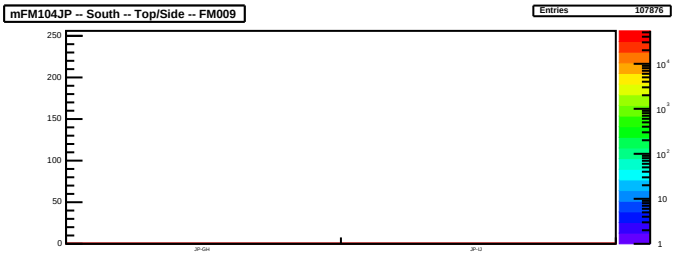

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 215752
BS3
BS2
BS1
Unused

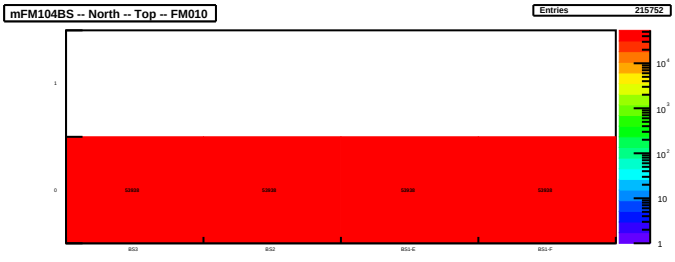

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

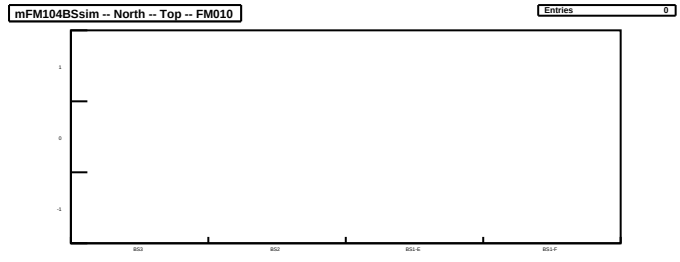

mFM104J -- South -- Top/Side -- FM009
Entries 53938
J(23)

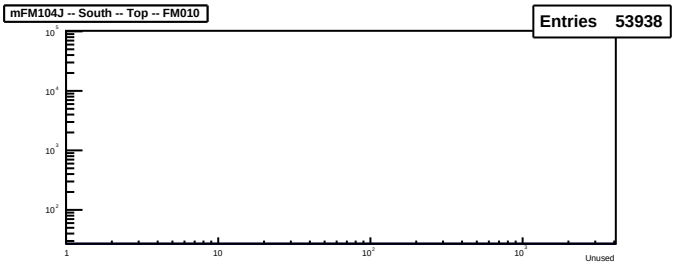

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

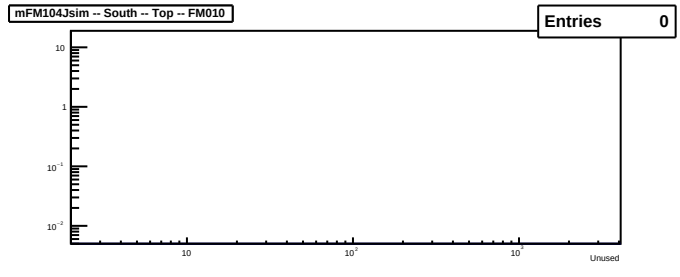

mFM104JP -- South -- Top/Side -- FM009
Entries 107876
JP-GH
JP-U

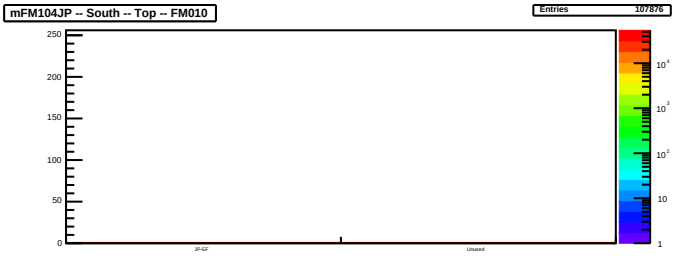
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 215752
BS3
BS2
BS1-E
BS1-F

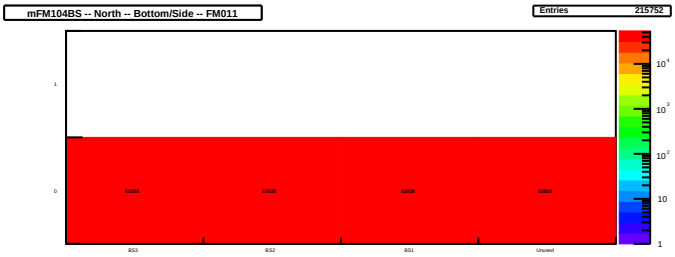

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

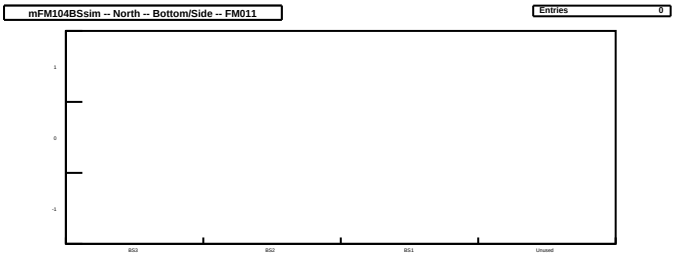

mFM104J -- South -- Top -- FM010
Entries 53938
Unused

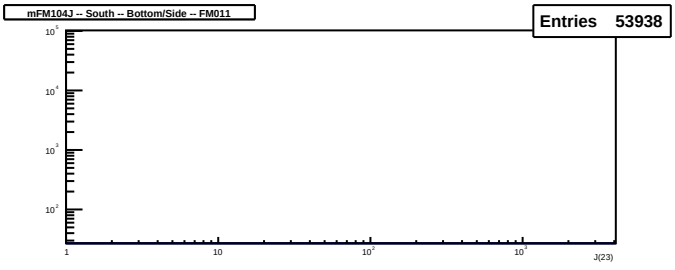

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

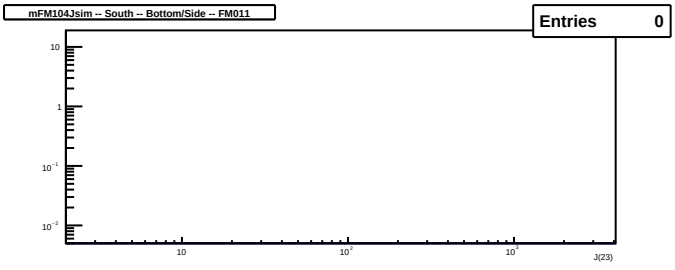

mFM104JP -- South -- Top -- FM010
Entries 107876
JP-EF
Unused

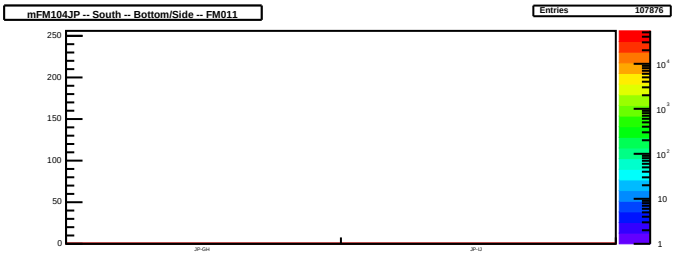
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

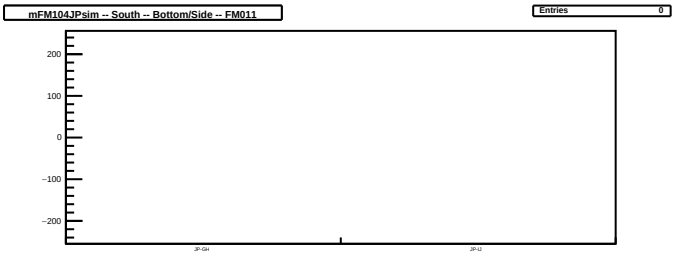

mFM104BS -- North -- Bottom/Side -- FM011
Entries 215752
53938
BS3
BS2
BS1
Unused

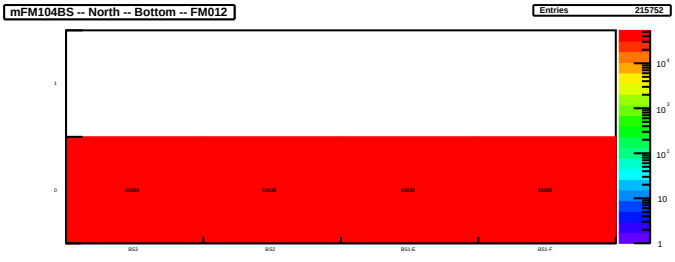

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

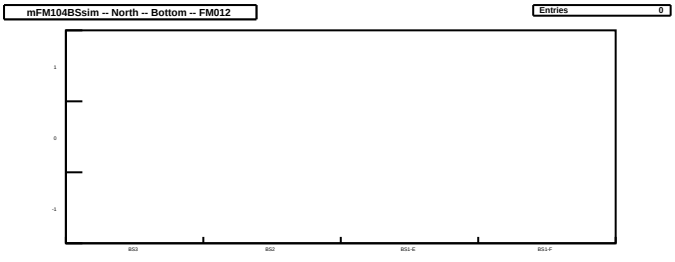

mFM104J -- South -- Bottom/Side -- FM011
Entries 53938
J(23)

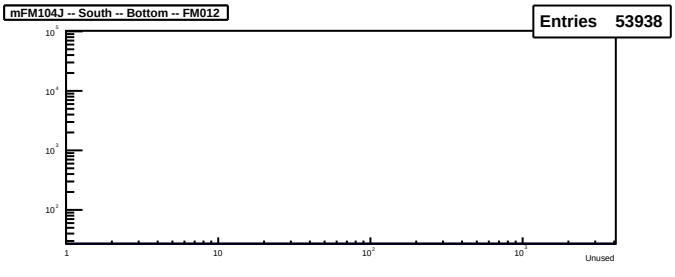

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

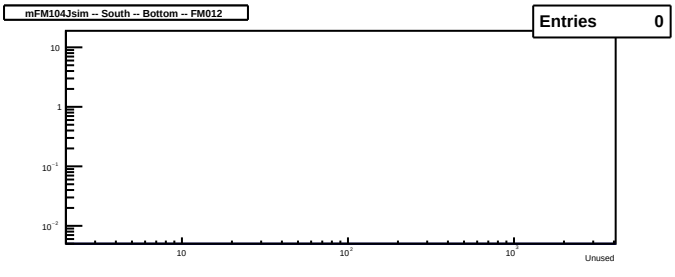

mFM104JP -- South -- Bottom/Side -- FM011
Entries 107876
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 215752
53938
BS3
BS2
BS1-E
BS1-F

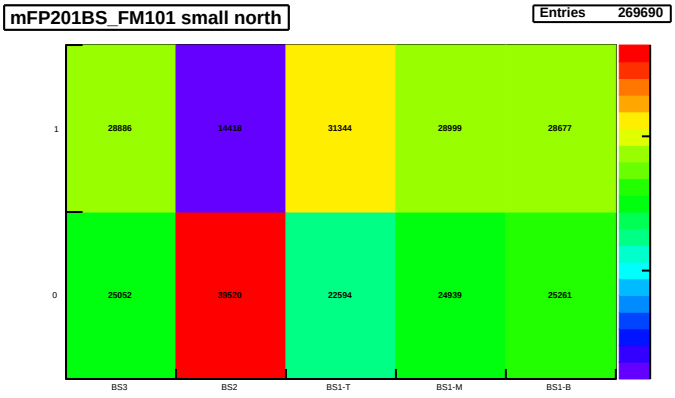

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

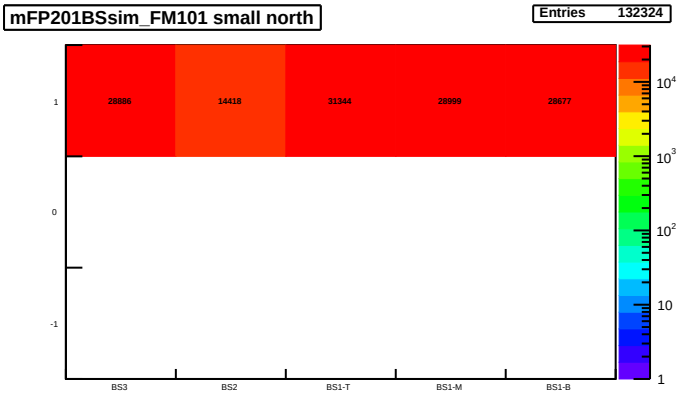

mFM104J -- South -- Bottom -- FM012
Entries 53938
Unused

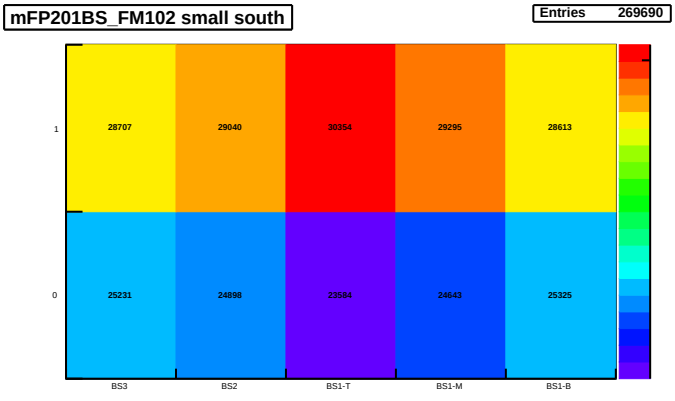

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

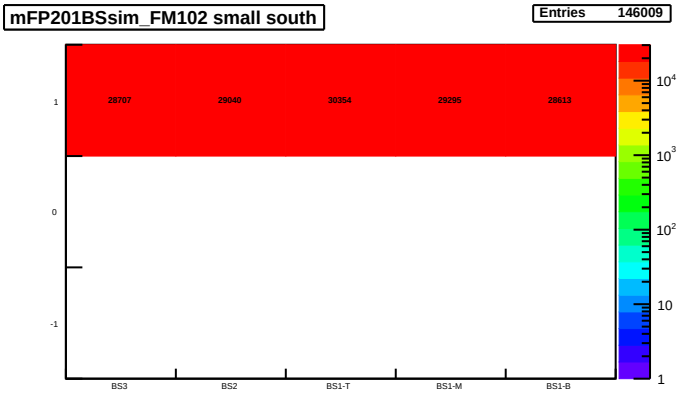
mFM104JP -- South -- Bottom -- FM012
Entries 107876
JP-EF
Unused

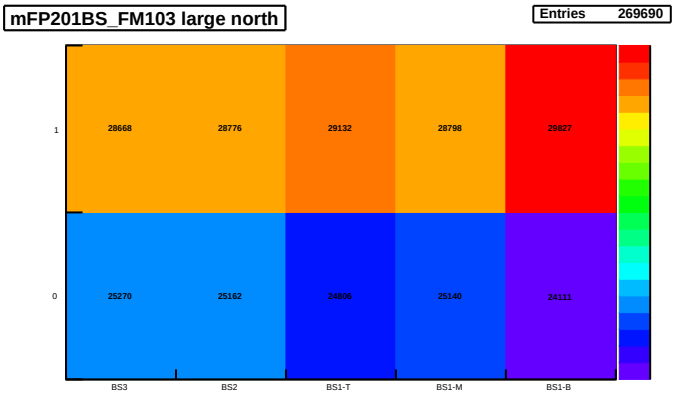
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

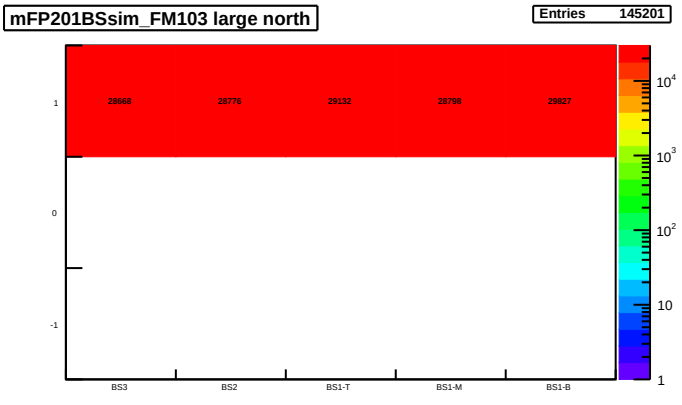

mFP201BS_FM101 small north
Entries 269690
28886
14418
31344
28999
28677
25052
39520
22594
24939
25261
BS3
BS2
BS1-T
BS1-M
BS1-B

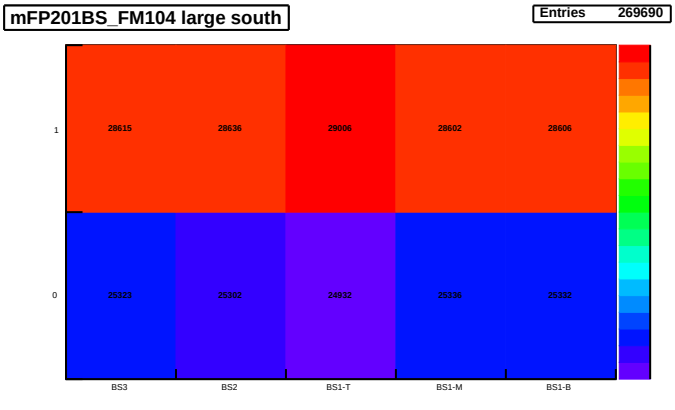

mFP201BSsim_FM101 small north
Entries 132324
28886
14418
31344
28999
28677
BS3
BS2
BS1-T
BS1-M
BS1-B

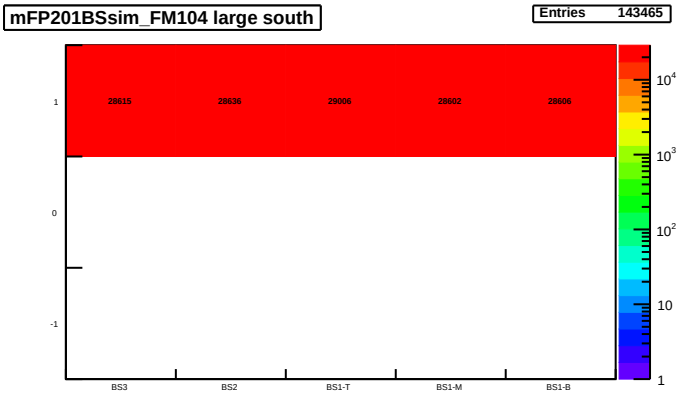

mFP201BS_FM102 small south
Entries 269690
28707
29040
30354
29295
28613
25231
24898
23584
24643
25325
BS3
BS2
BS1-T
BS1-M
BS1-B

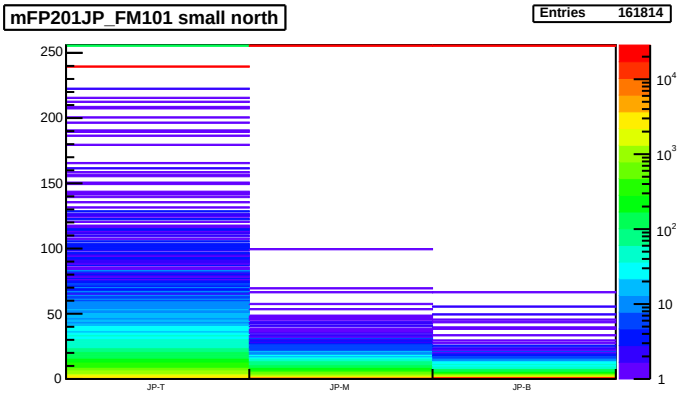

mFP201BSsim_FM102 small south
Entries 146009
28707
29040
30354
29295
28613
BS3
BS2
BS1-T
BS1-M
BS1-B

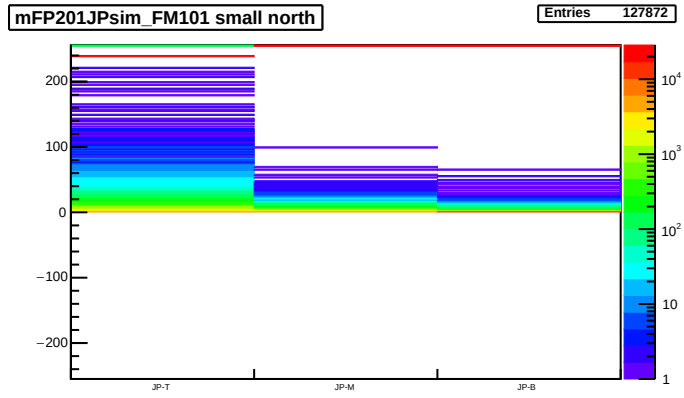

mFP201BS_FM103 large north
Entries 269690
28668
28776
29132
28798
29827
25270
25162
24806
25140
24111
BS3
BS2
BS1-T
BS1-M
BS1-B

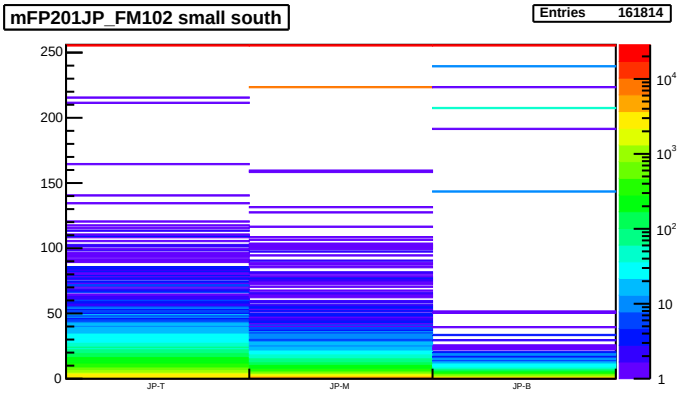

mFP201BSsim_FM103 large north
Entries 145201
28668
28776
29132
28798
29827
BS3
BS2
BS1-T
BS1-M
BS1-B

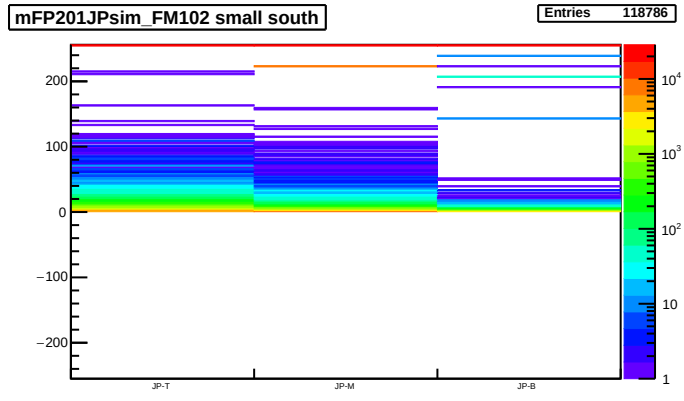

mFP201BS_FM104 large south
Entries 269690
28615
28636
29006
28602
28606
25323
25302
24932
25336
25332
BS3
BS2
BS1-T
BS1-M
BS1-B

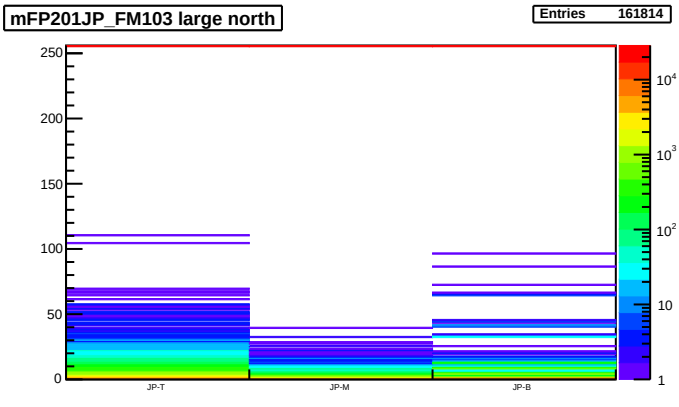

mFP201BSsim_FM104 large south
Entries 143465
28615
28636
29006
28602
28606
BS3
BS2
BS1-T
BS1-M
BS1-B

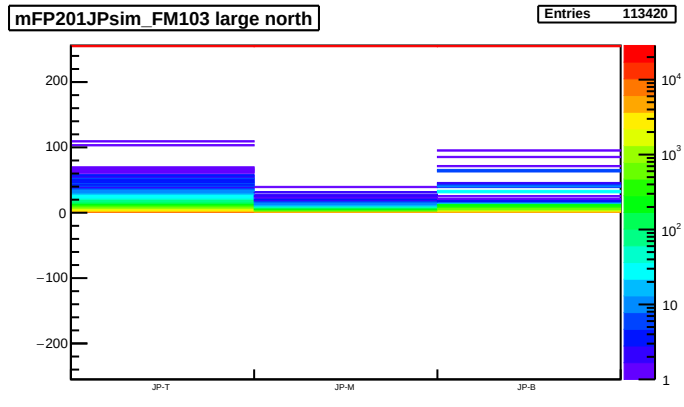

mFP201JP_FM101 small north
Entries 161814
JP-T
JP-M
JP-B

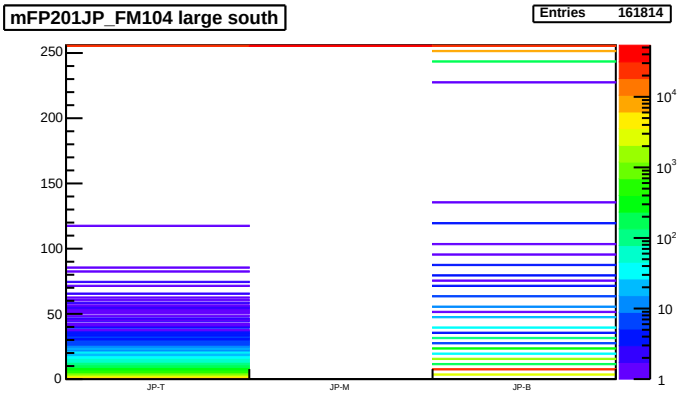

mFP201JPsim_FM101 small north
Entries 127872
JP-T
JP-M
JP-B

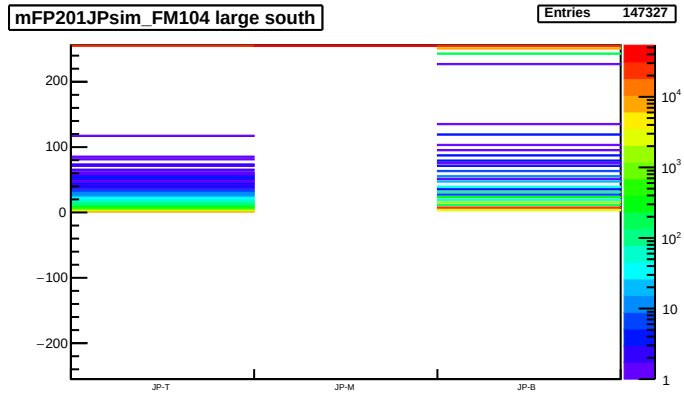

mFP201JP_FM102 small south
Entries 161814
JP-T
JP-M
JP-B

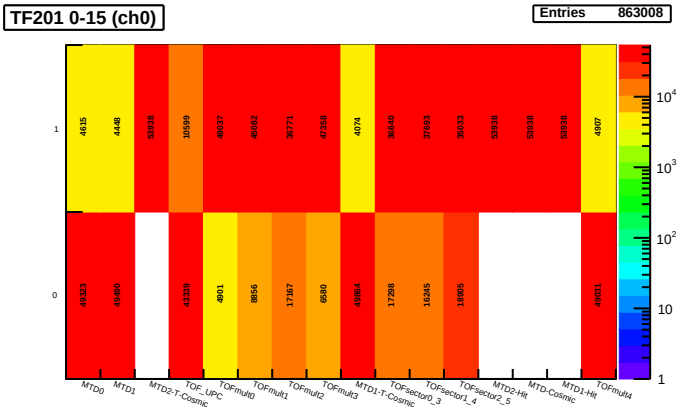

mFP201JPsim_FM102 small south
Entries 118786
JP-T
JP-M
JP-B

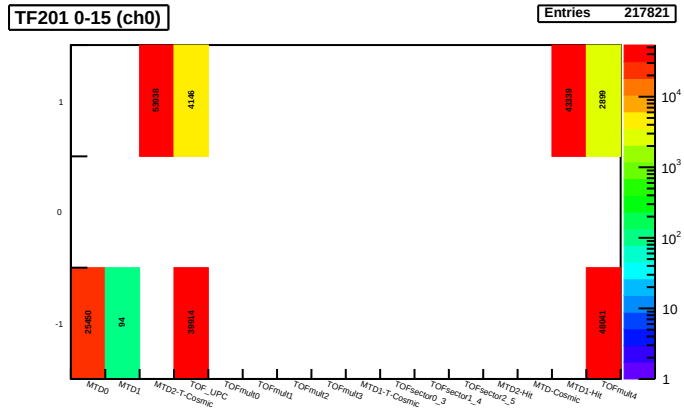

mFP201JP_FM103 large north
Entries 161814
JP-T
JP-M
JP-B

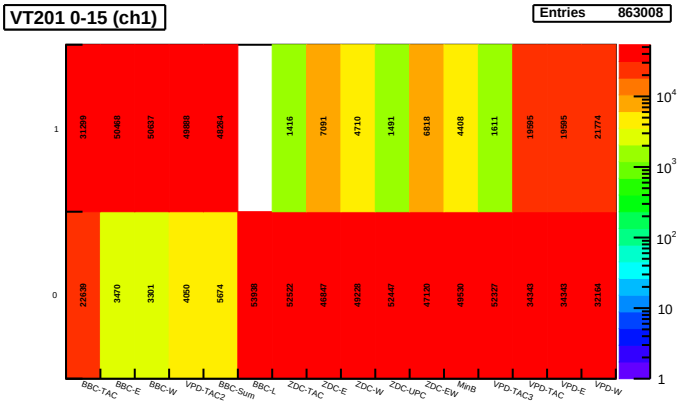

mFP201JPsim_FM103 large north
Entries 113420
JP-T
JP-M
JP-B

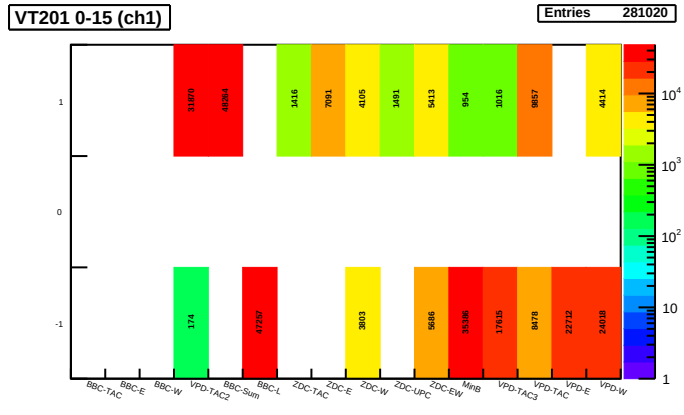

mFP201JP_FM104 large south
Entries 161814
JP-T
JP-M
JP-B

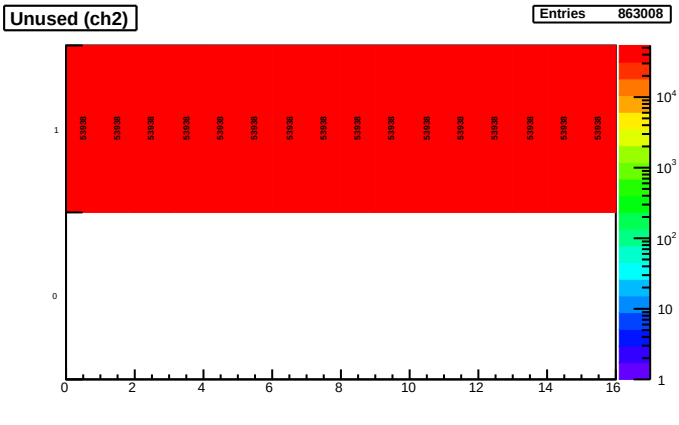

mFP201JPsim_FM104 large south
Entries 147327
JP-T
JP-M
JP-B

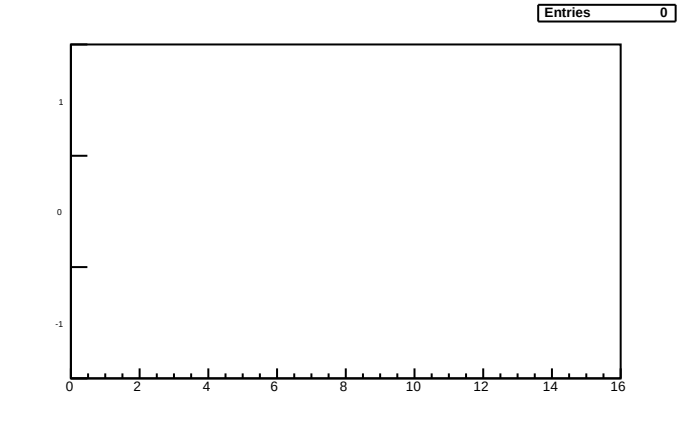

TF201 0-15 (ch0)
Entries 863008
4615 4448 53938 10599 49037 45082 36771 47258 4074 36640 37693 35033 53938 53938 53938 4907
49323 49480 43339 4901 8856 17167 6580 49864 17298 16245 18905 49831
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

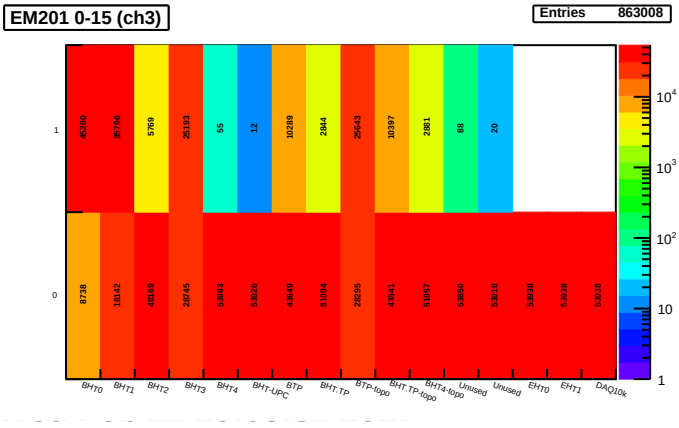

TF201 0-15 (ch0)
Entries 217821
53938 4146 43339 2899
25450 94 39914 49831
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

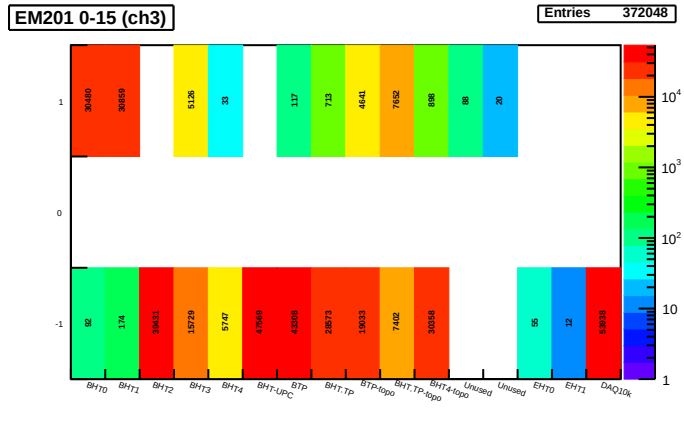

VT201 0-15 (ch1)
Entries 863008
31899 50468 50637 49888 48264 1416 7091 4710 1491 6818 4408 1611 19995 19995 21774
22639 3470 3301 4050 5674 53938 52552 46947 49228 52447 47120 49530 52327 34343 34343 32164
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

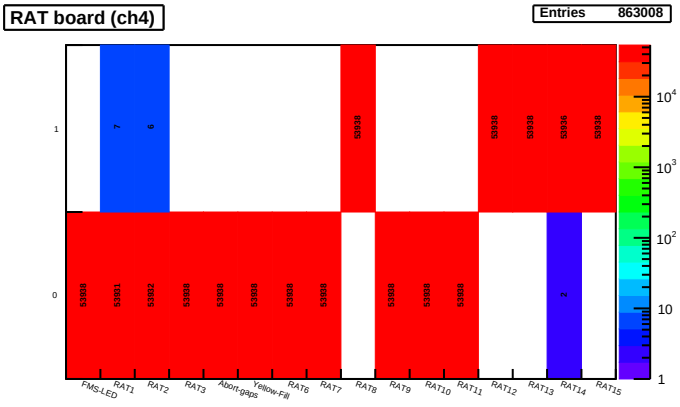

VT201 0-15 (ch1)
Entries 281020
31870 48264 1416 7091 4105 1491 5413 954 1016 9857 4414
174 47257 3803 5686 35386 17615 9478 22712 24018
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

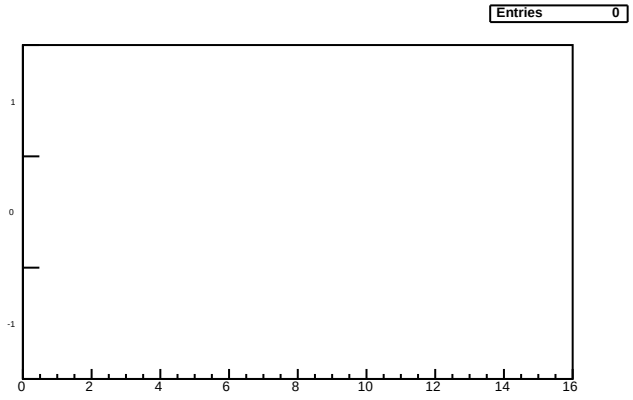

Unused (ch2)
Entries 863008
53938 53938 53938 53938 53938 53938 53938 53938 53938 53938 53938 53938 53938 53938 53938 53938

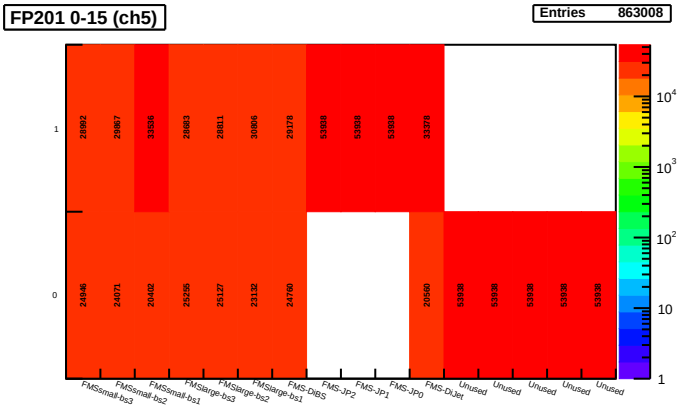

Entries 0

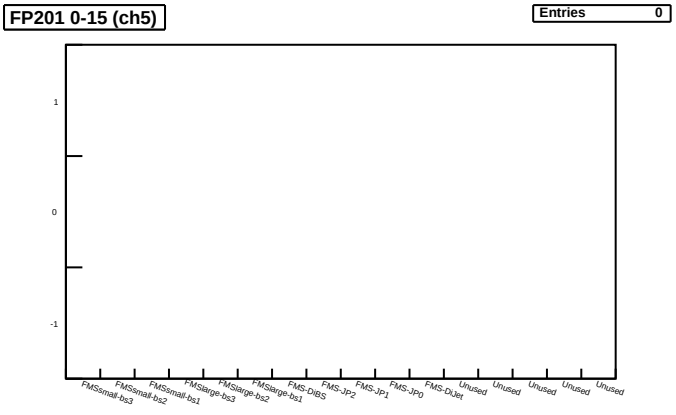

EM201 0-15 (ch3)
Entries 863008
45200 35786 5769 25193 55 12 10289 2844 25643 10397 2881 88 20
8738 18142 42169 28745 53803 53926 43649 51094 28295 45541 51057 53830 53918 53938 53938 53938
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

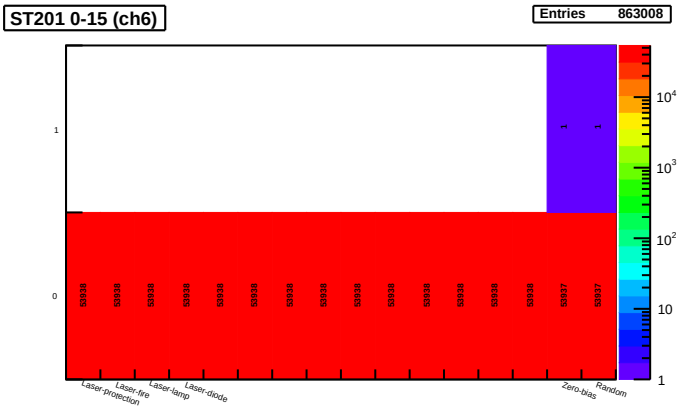

EM201 0-15 (ch3)
Entries 372048
30480 30859 5126 33 117 713 4641 7652 898 88 20
92 174 39451 15729 5747 47569 43308 28573 19133 7402 30358 55 12 53938
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

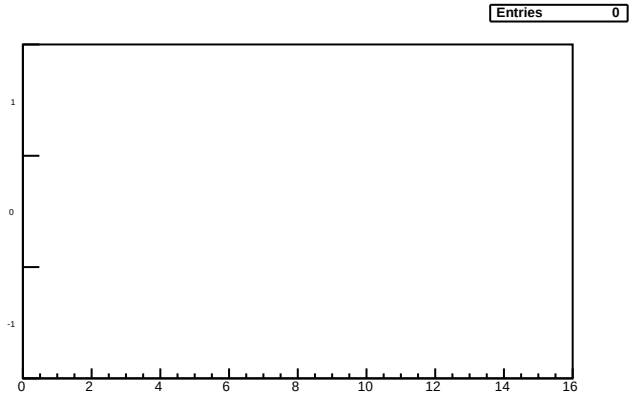

RAT board (ch4)
Entries 863008
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 863008
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 863008
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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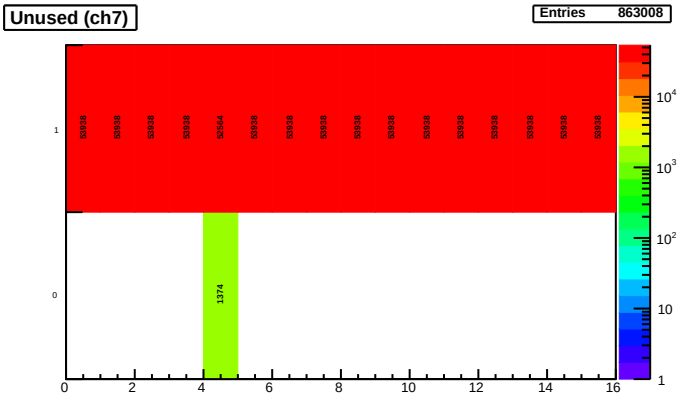
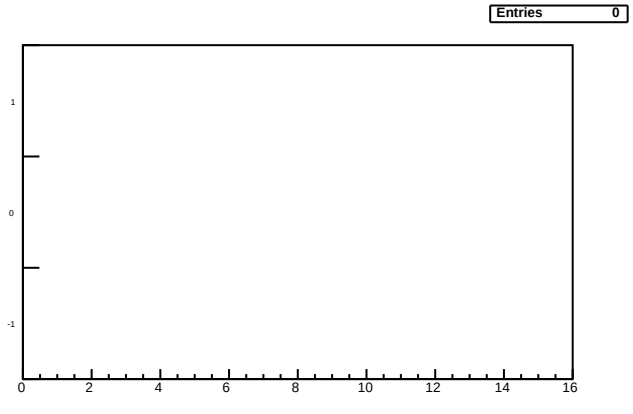

Unused (ch7)
Entries 863008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