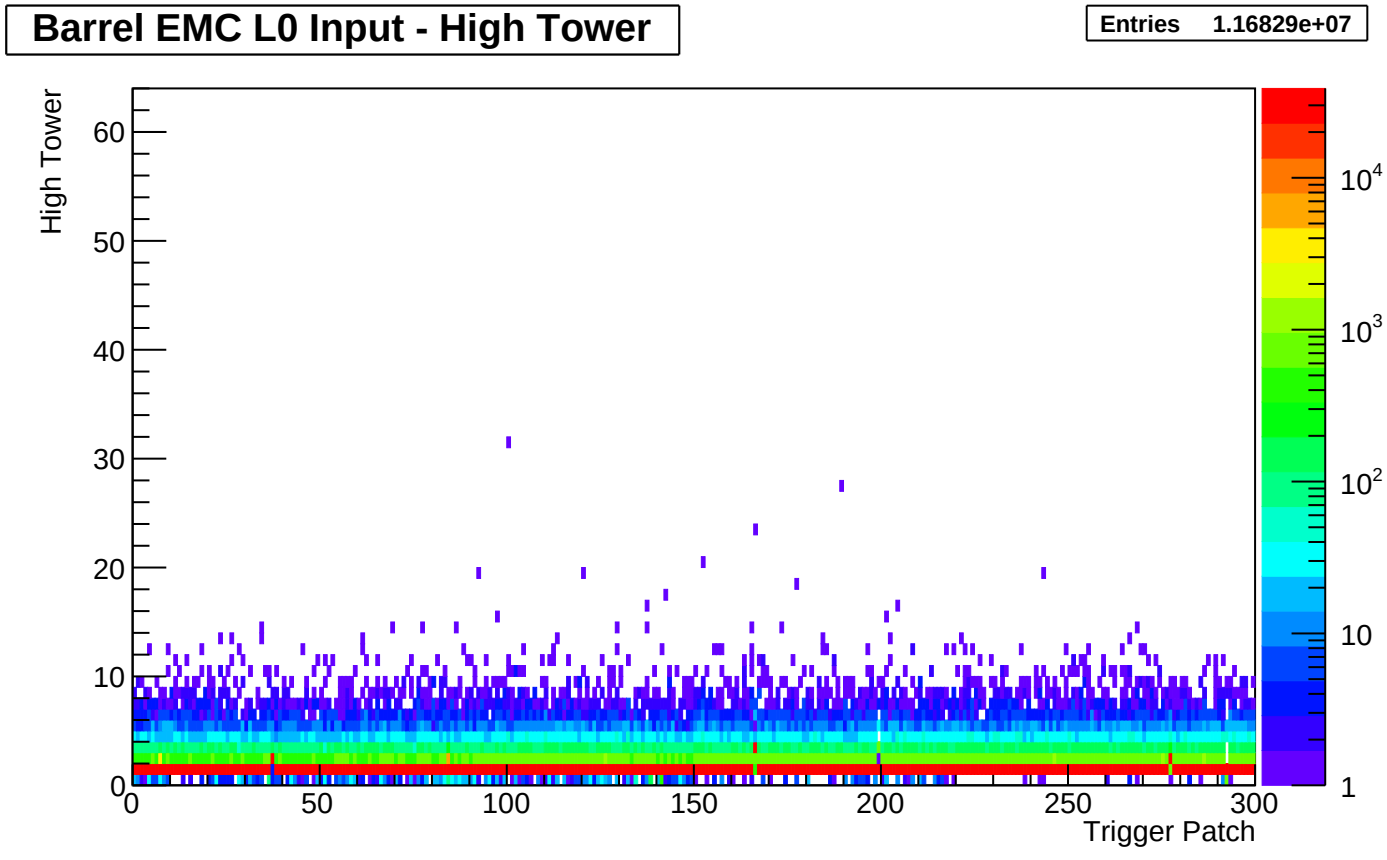
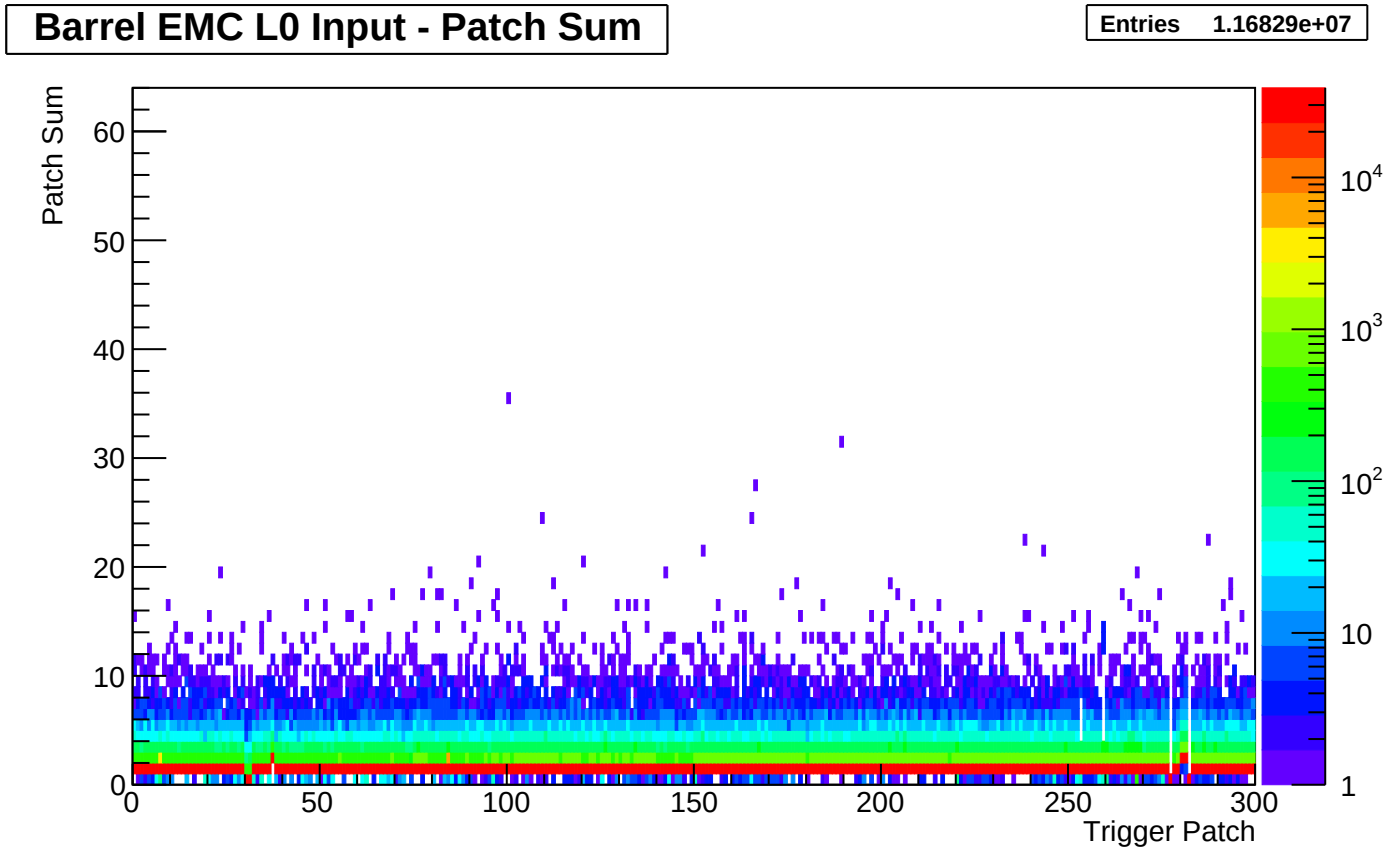
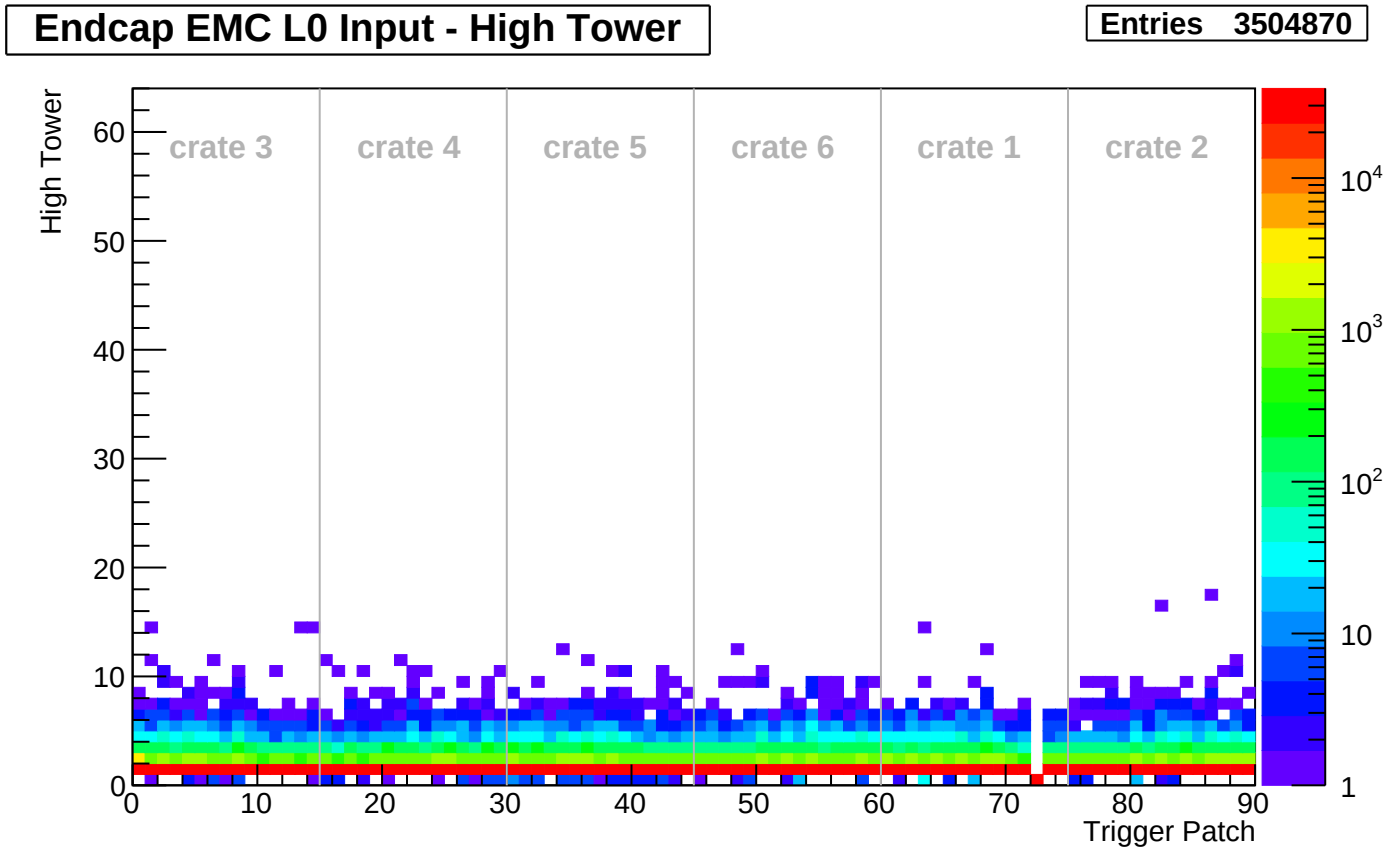
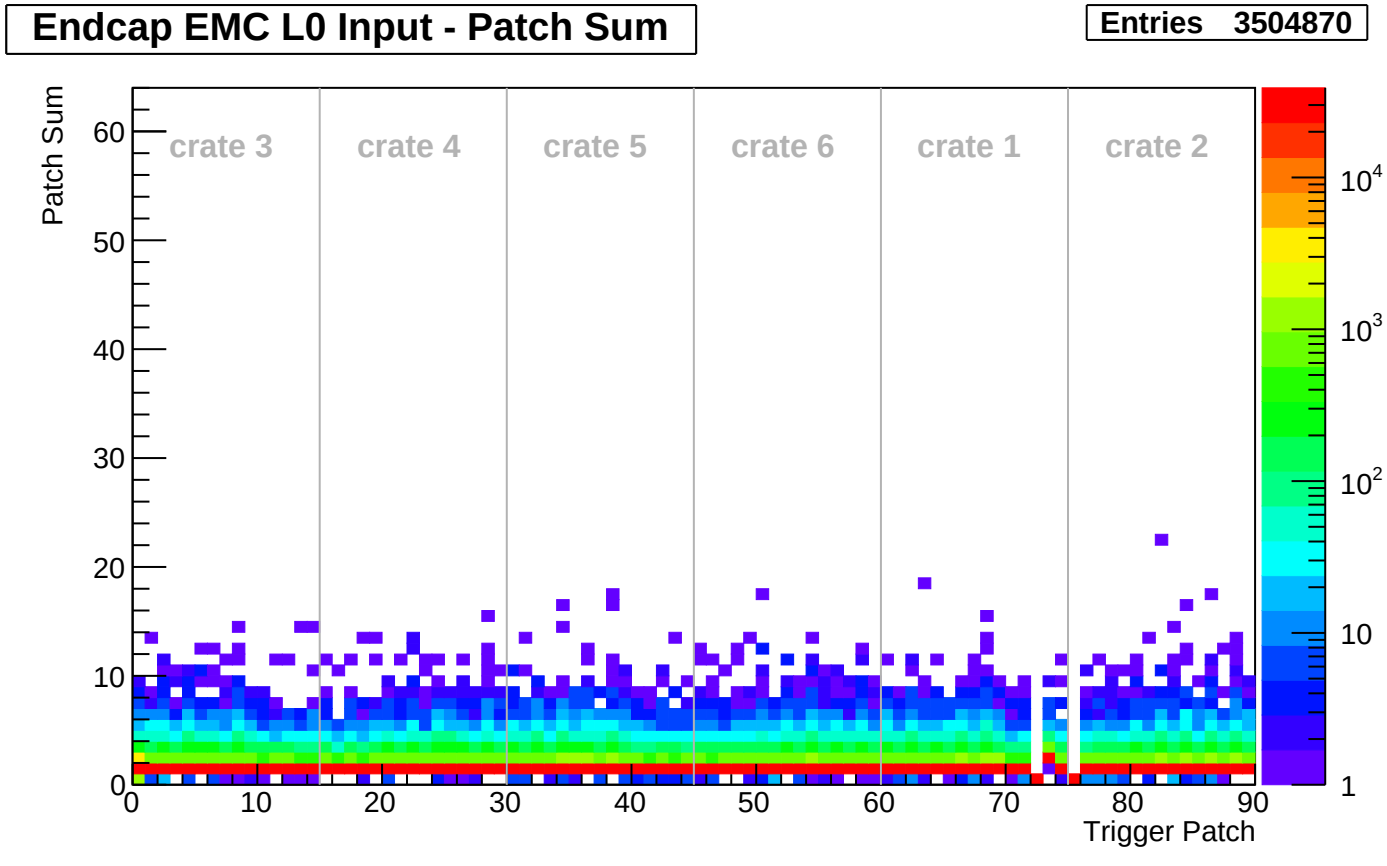
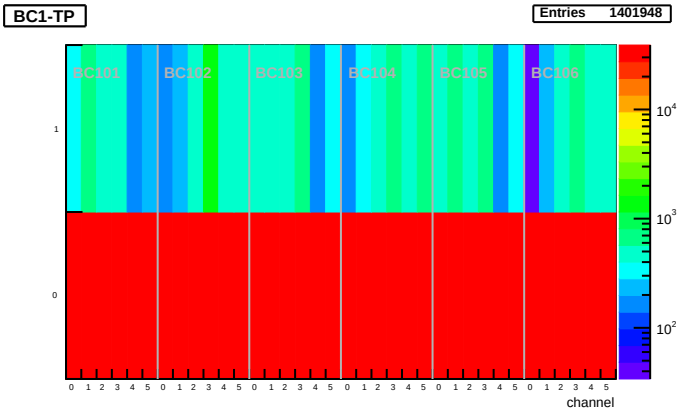
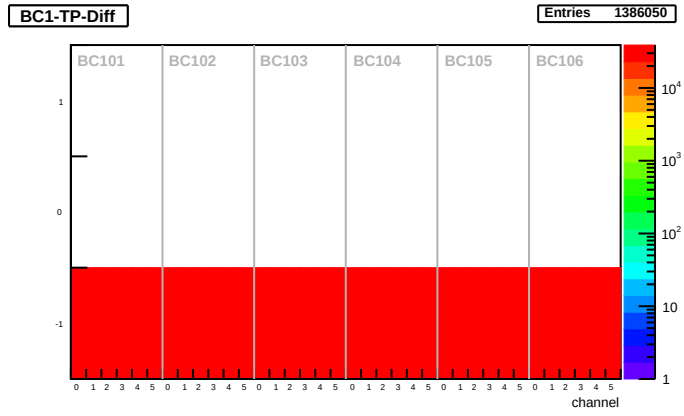

Barrel EMC L0 Input - High Tower
Entries 1.16829e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$

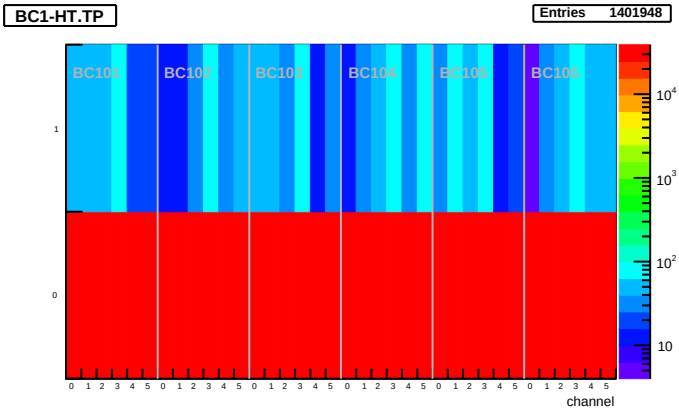

Barrel EMC L0 Input - Patch Sum
Entries 1.16829e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$

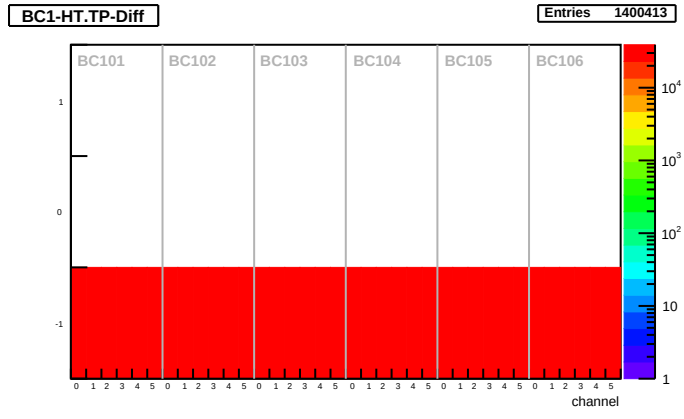

Endcap EMC L0 Input - High Tower
Entries 3504870
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
$10^2$
$10^3$
$10^4$

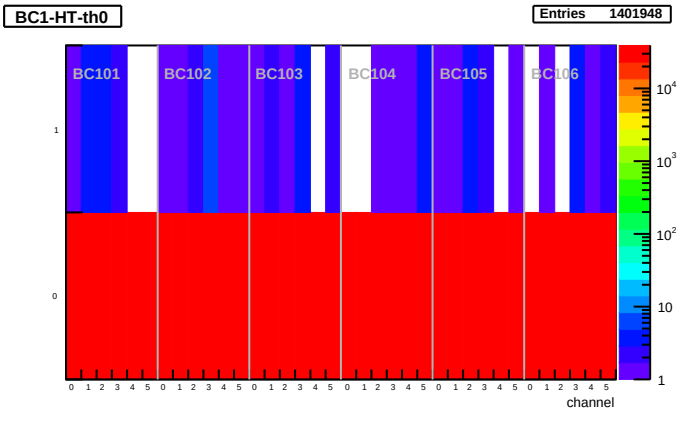

Endcap EMC L0 Input - Patch Sum
Entries 3504870
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
$10^2$
$10^3$
$10^4$

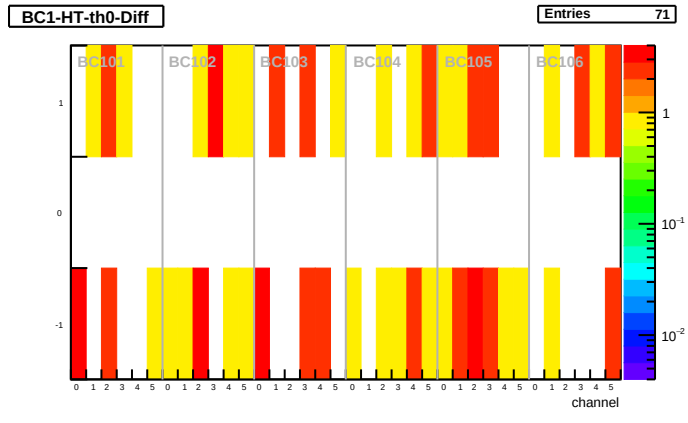

BC1-TP
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

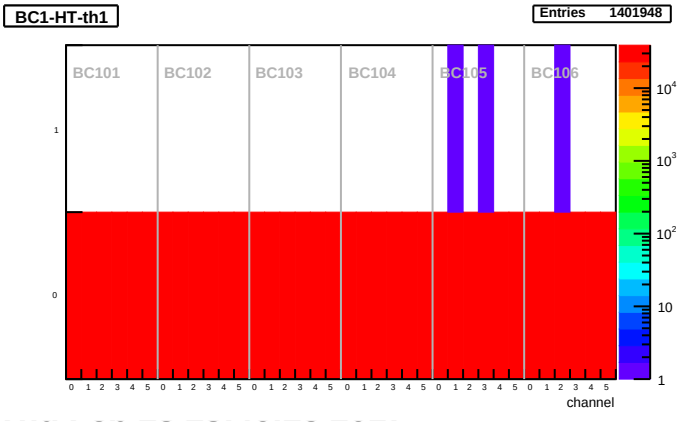

BC1-TP-Diff
Entries 1386050
BC101
BC102
BC103
BC104
BC105
BC106
channel

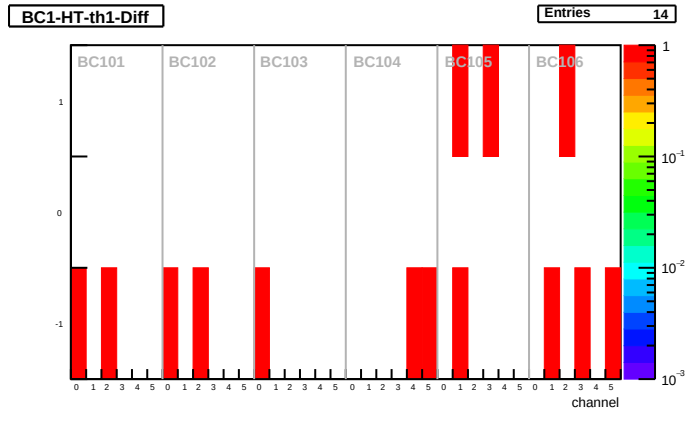

BC1-HT.TP
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

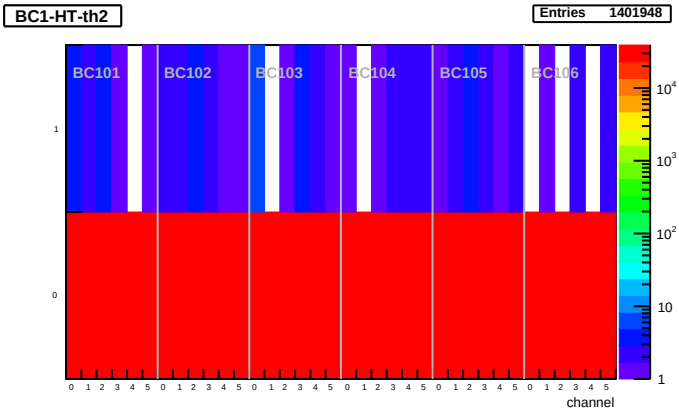

BC1-HT.TP-Diff
Entries 1400413
BC101
BC102
BC103
BC104
BC105
BC106
channel

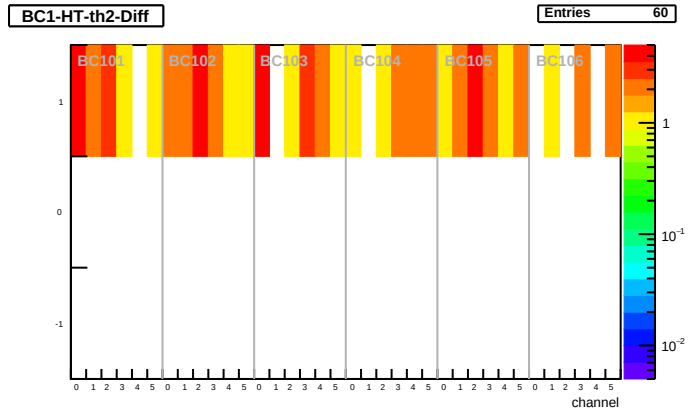

BC1-HT-th0
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

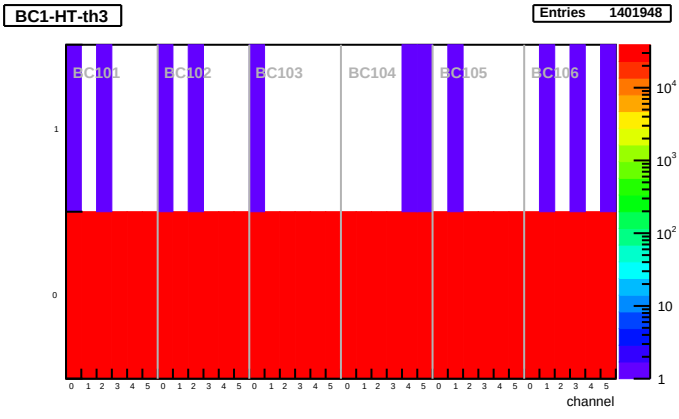

BC1-HT-th0-Diff
Entries 71
BC101
BC102
BC103
BC104
BC105
BC106
channel

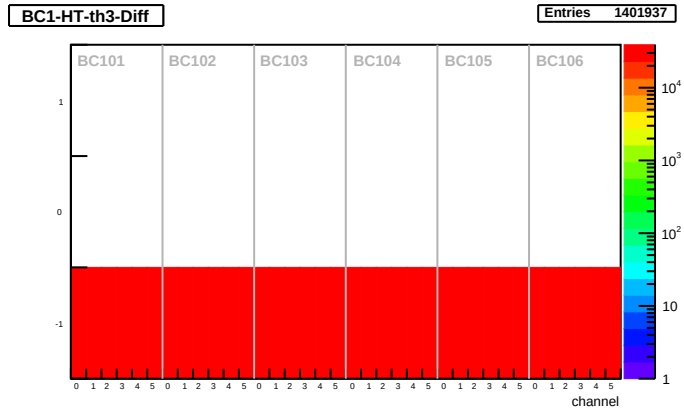

BC1-HT-th1
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

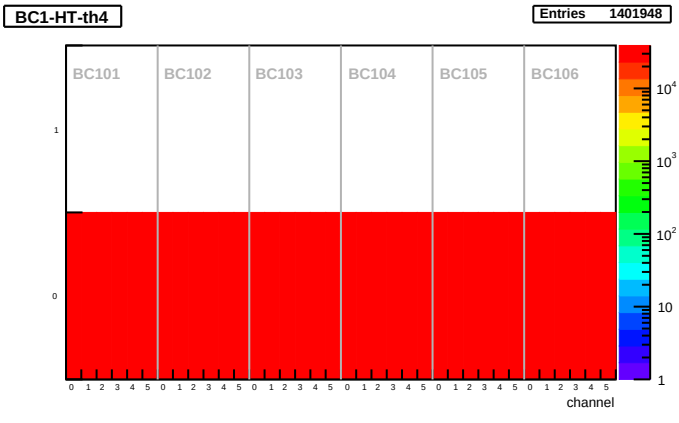

BC1-HT-th1-Diff
Entries 14
BC101
BC102
BC103
BC104
BC105
BC106
channel

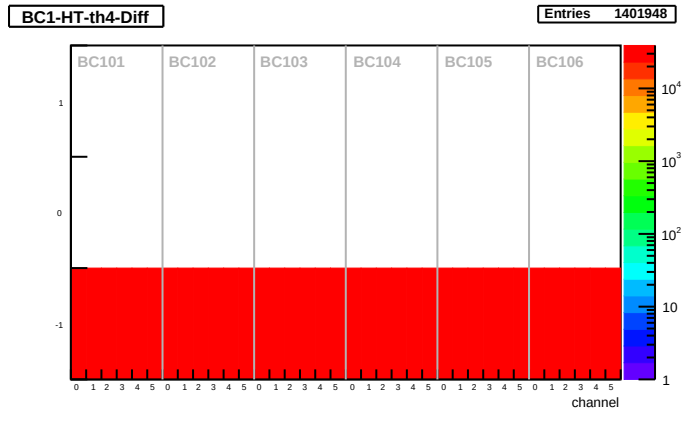

BC1-HT-th2
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

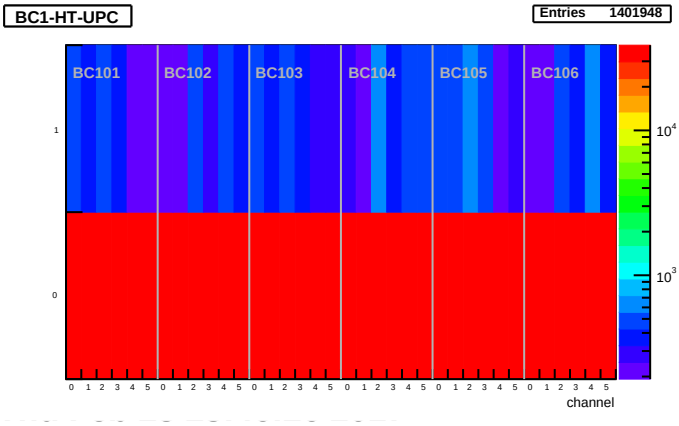

BC1-HT-th2-Diff
Entries 60
BC101
BC102
BC103
BC104
BC105
BC106
channel

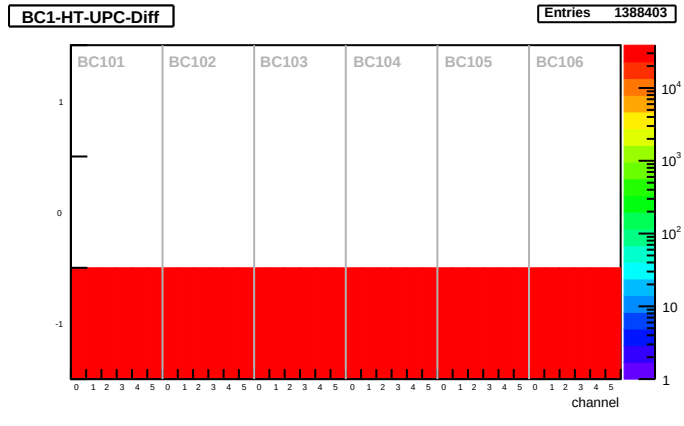

BC1-HT-th3
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

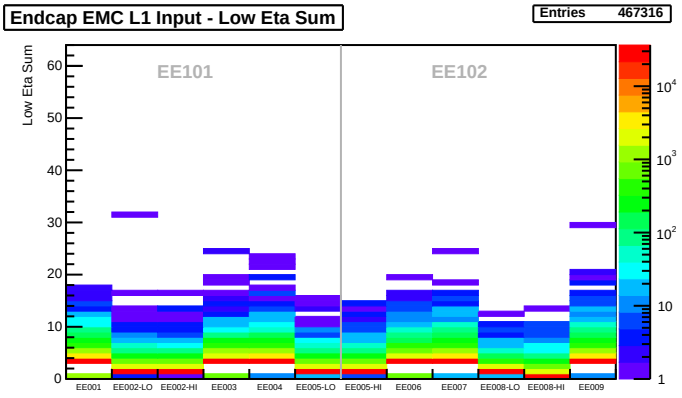

BC1-HT-th3-Diff
Entries 1401937
BC101
BC102
BC103
BC104
BC105
BC106
channel

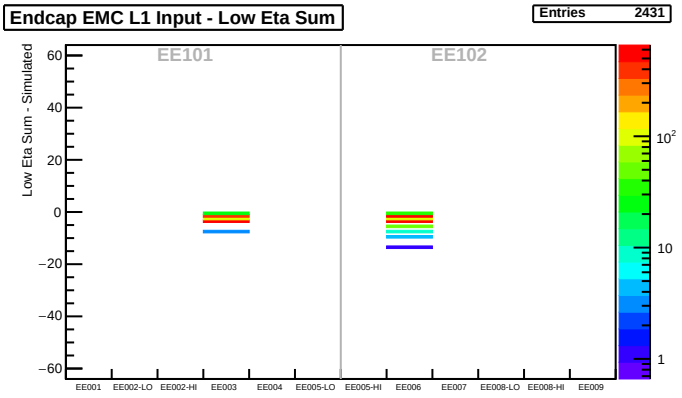

BC1-HT-th4
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

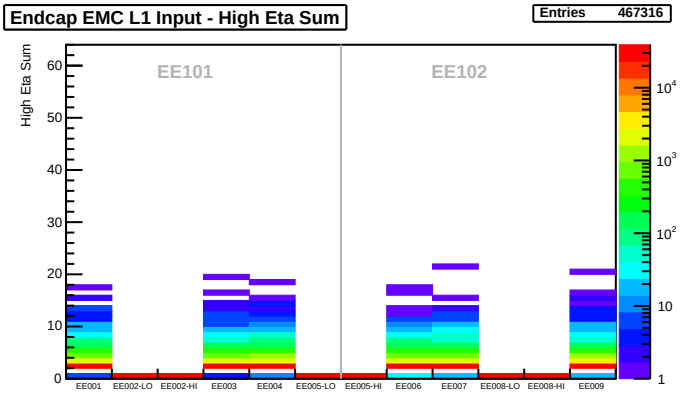

BC1-HT-th4-Diff
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

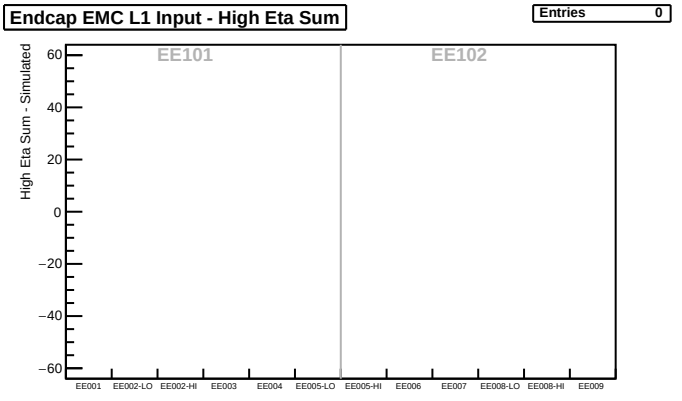

BC1-HT-UPC
Entries 1401948
BC101
BC102
BC103
BC104
BC105
BC106
channel

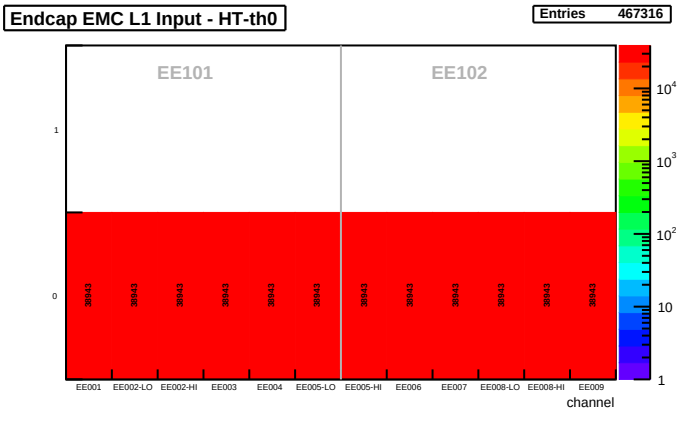

BC1-HT-UPC-Diff
Entries 1388403
BC101
BC102
BC103
BC104
BC105
BC106
channel

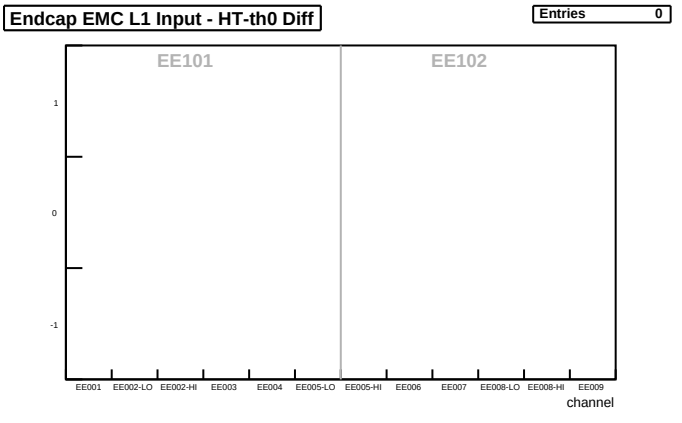

Endcap EMC L1 Input - Low Eta Sum
Entries 467316
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

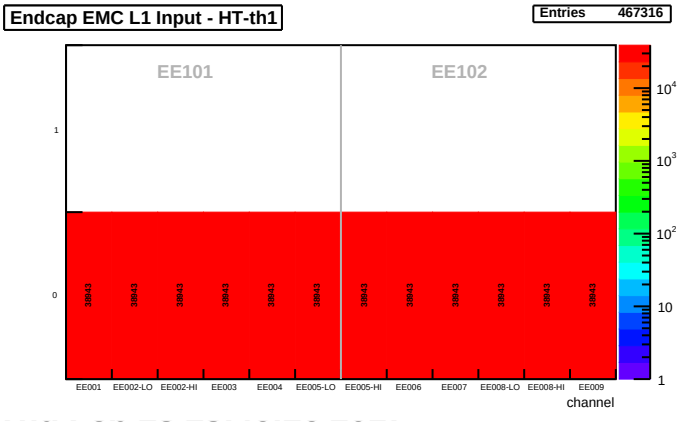

Endcap EMC L1 Input - Low Eta Sum
Entries 2431
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

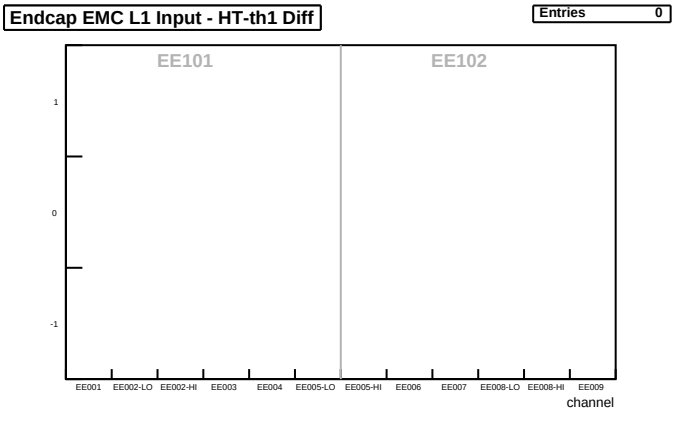

Endcap EMC L1 Input - High Eta Sum
Entries 467316
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

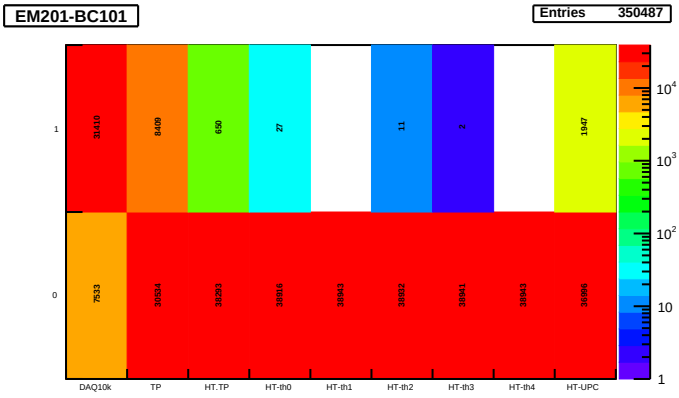

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

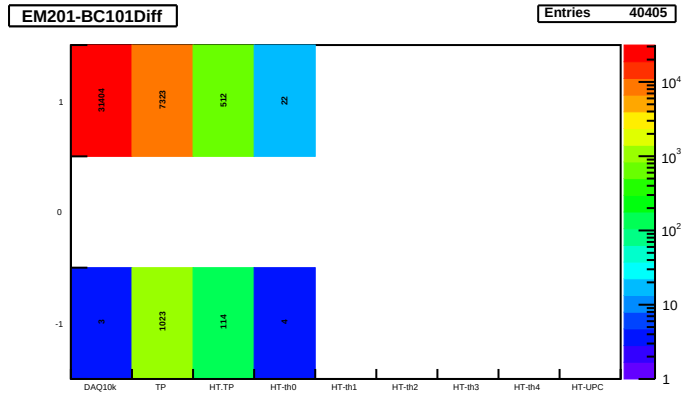

Endcap EMC L1 Input - HT-th0
Entries 467316
EE101
EE102
38943
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

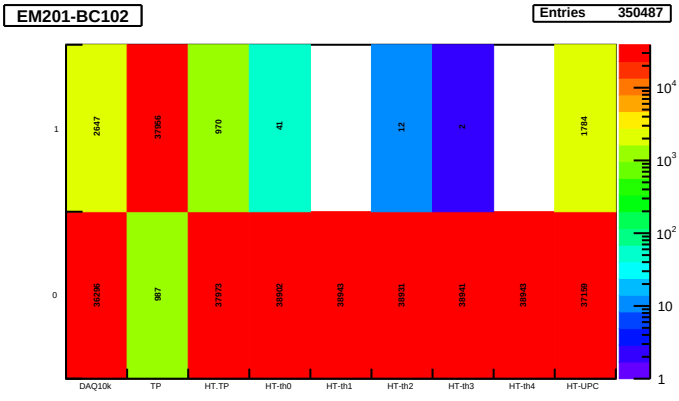

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

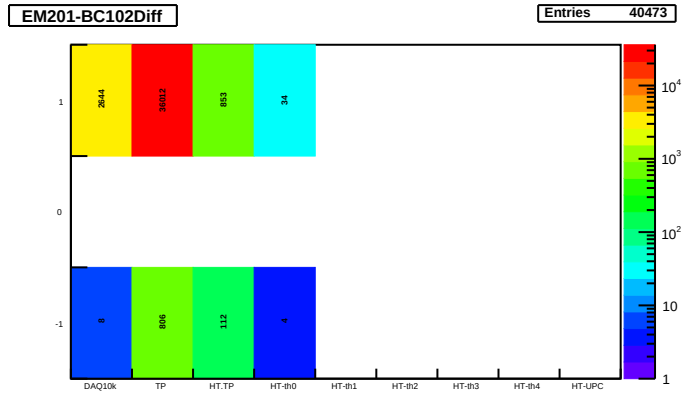

Endcap EMC L1 Input - HT-th1
Entries 467316
EE101
EE102
38943
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

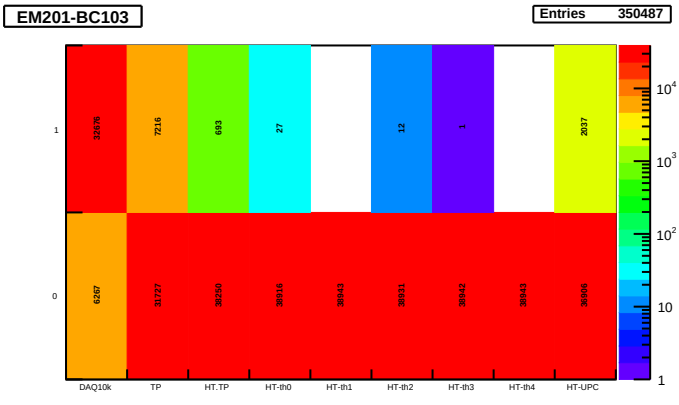

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

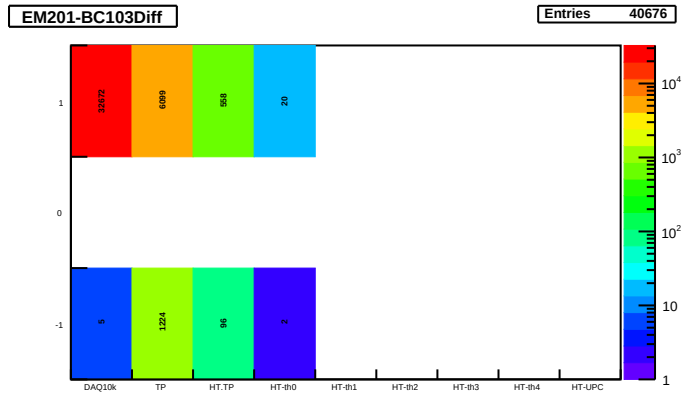

EM201-BC101
Entries 350487
1
0
31410
8409
690
27
11
2
1947
7533
38534
38203
38916
38943
38922
38941
38943
36986
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

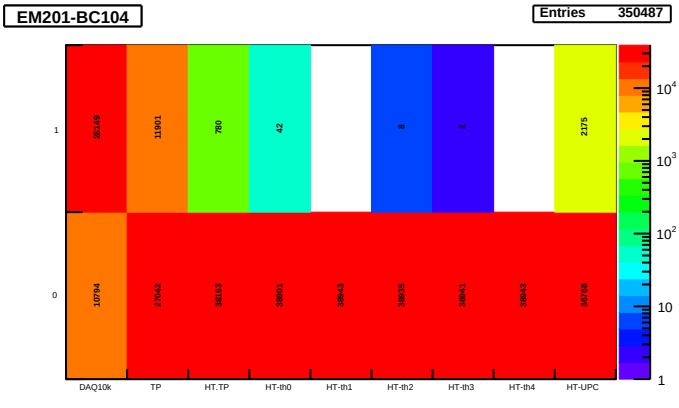

EM201-BC101Diff
Entries 40405
1
0
-1
31404
7323
512
22
3
1023
114
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

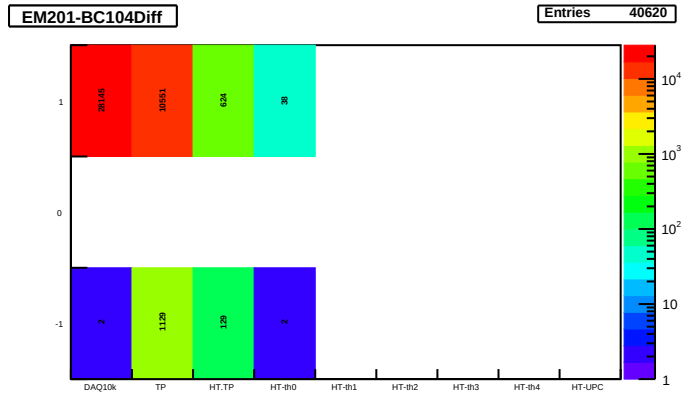

EM201-BC102
Entries 350487
1
0
2647
37956
970
41
12
2
1784
36286
987
37973
38902
38943
38931
38941
38943
37159
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1


EM201-BC102Diff
Entries 40473
1
0
-1
2844
36012
853
34
8
806
112
4
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 350487
1
0
32576
7216
693
27
12
1
2037
6267
31727
38250
38916
38943
38931
38942
38943
36906
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

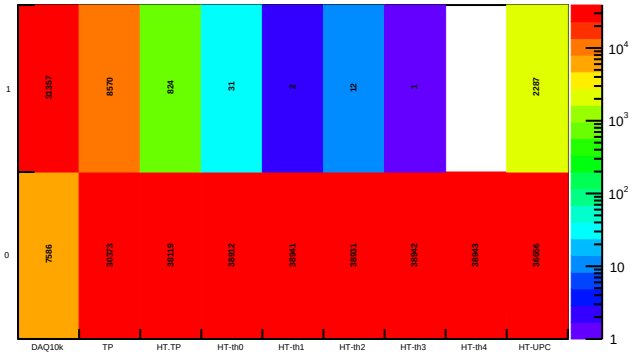

EM201-BC103Diff
Entries 40676
1
0
-1
32572
6099
558
20
5
1224
96
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1


EM201-BC104
Entries 350487
1
0
28149
11901
780
42
8
2
2175
10794
27042
38163
38901
38943
38935
38941
38943
36768
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1


EM201-BC104Diff
Entries 40620
1
0
-1
28145
10551
634
38
2
1129
129
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

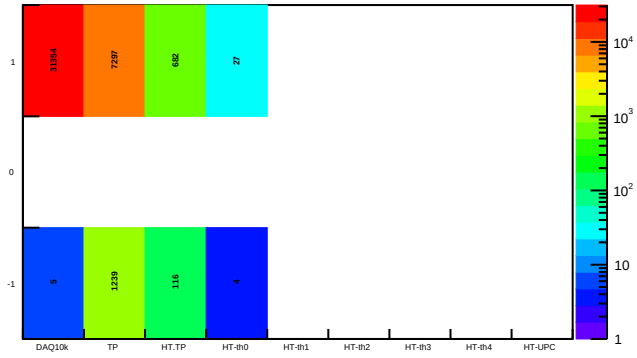
EM201-BC105

Entries 350487



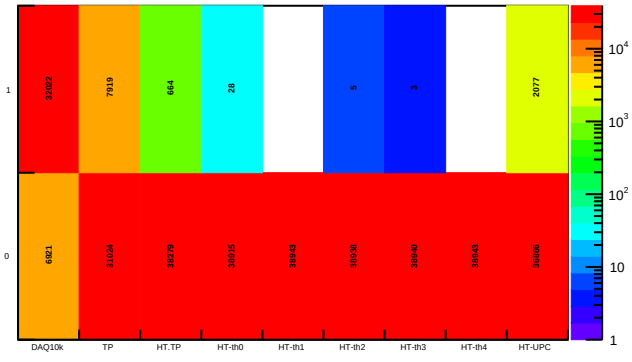

EM201-BC105Diff

Entries 40724



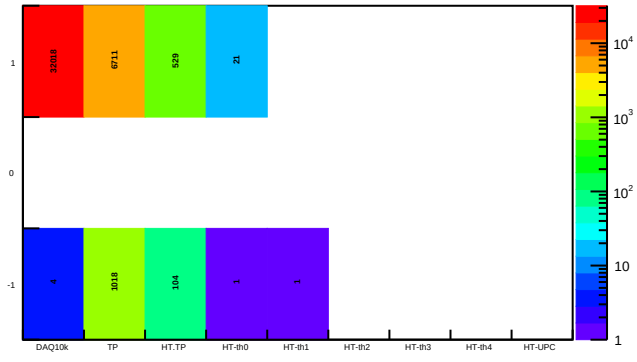

EM201-BC106

Entries 350487



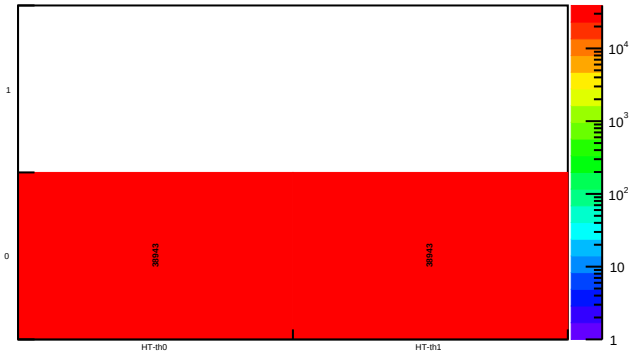

EM201-BC106Diff

Entries 40407



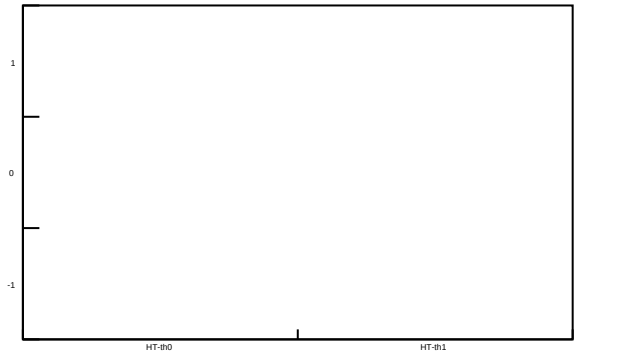

EM201-EE101

Entries 77886



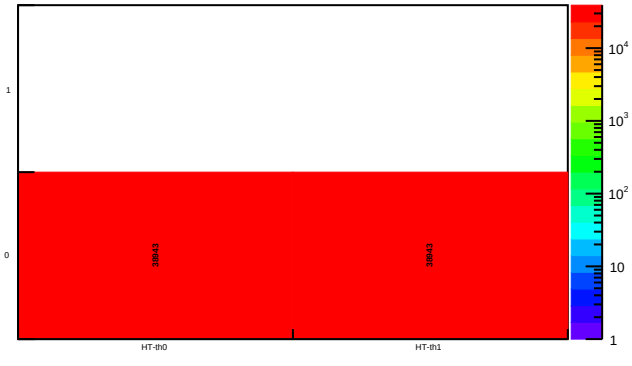

EM201-EE101Diff

Entries 0



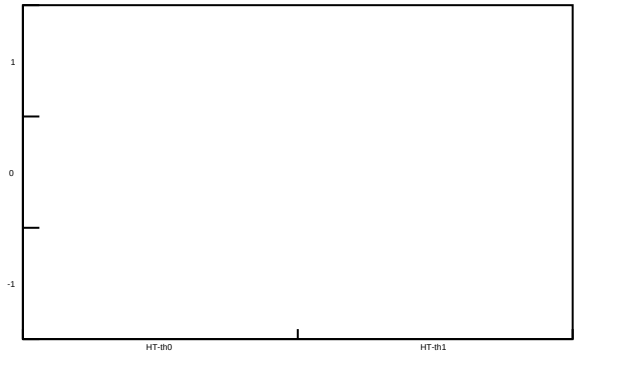

EM201-EE102

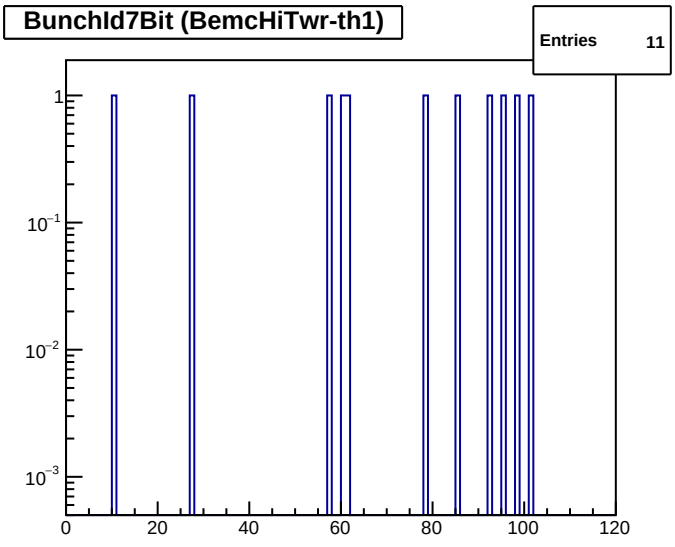
Entries 77886

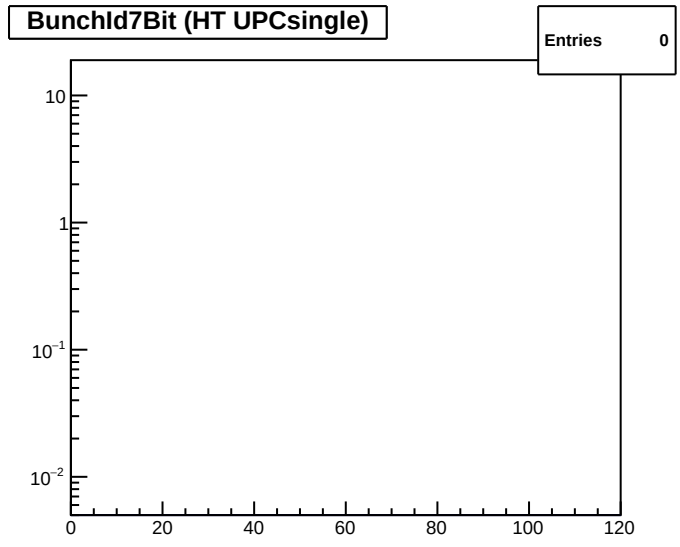


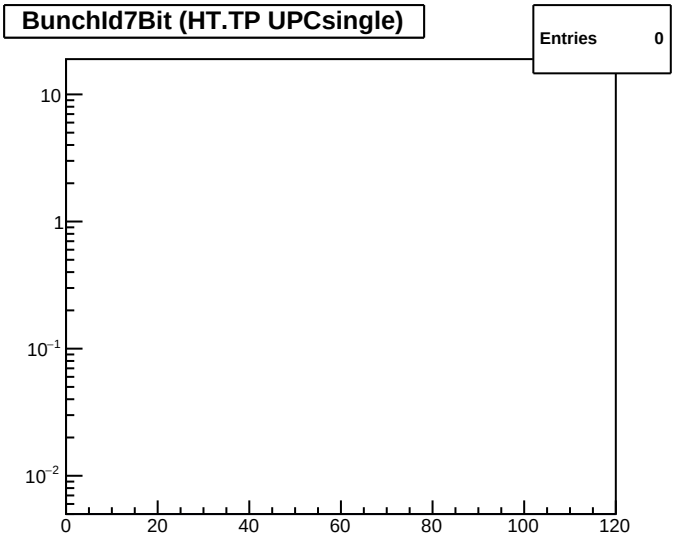

EM201-EE102Diff

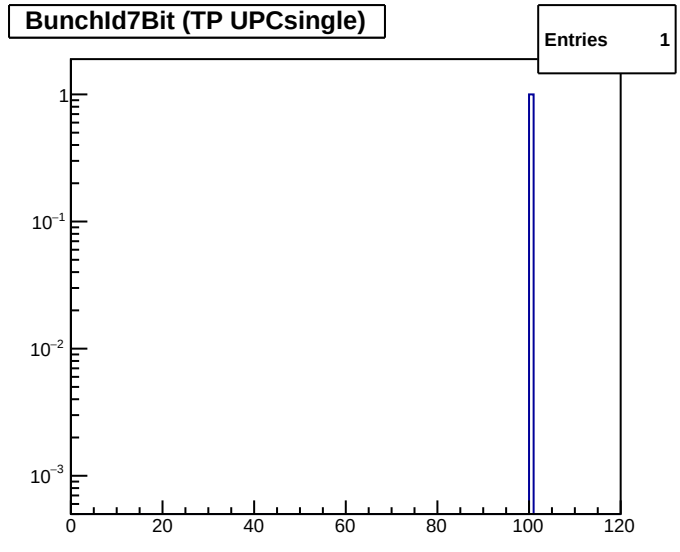
Entries 0

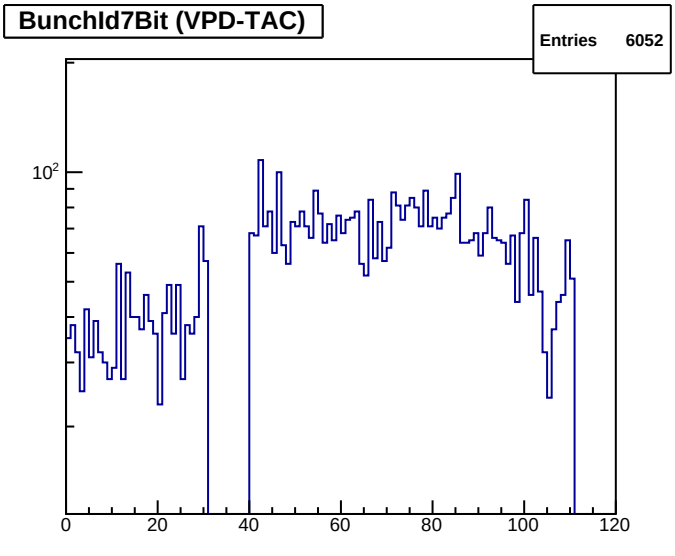


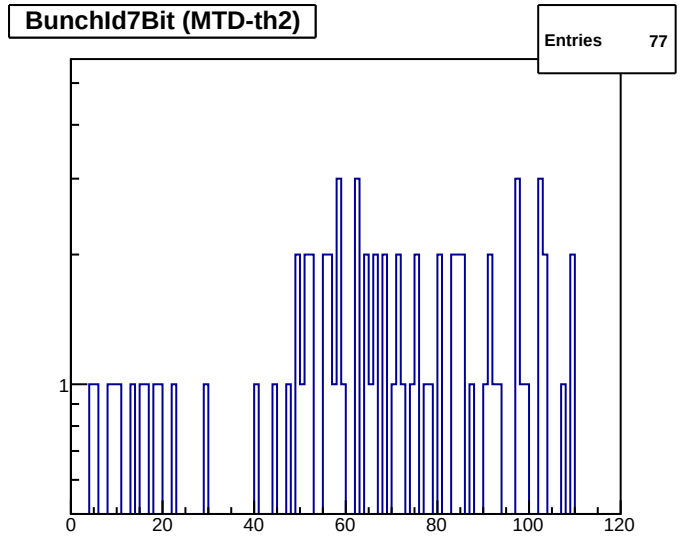

BunchId7Bit (BemcHiTwr-th1)
Entries 11

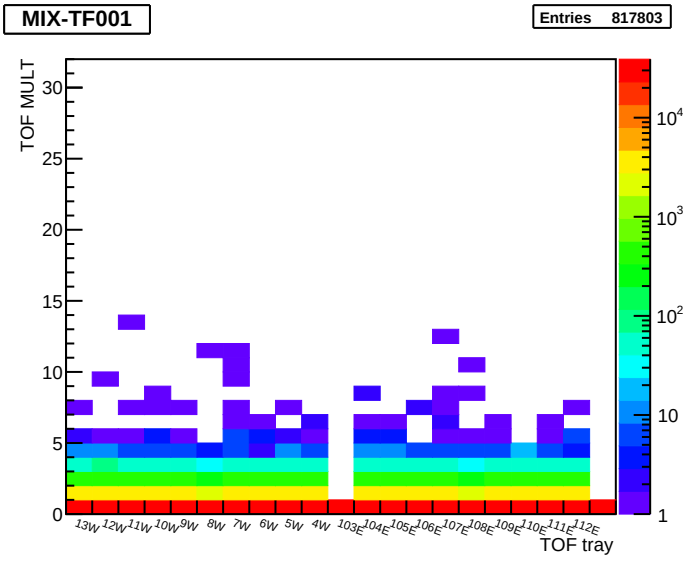

BunchId7Bit (HT UPCsingle)
Entries 0

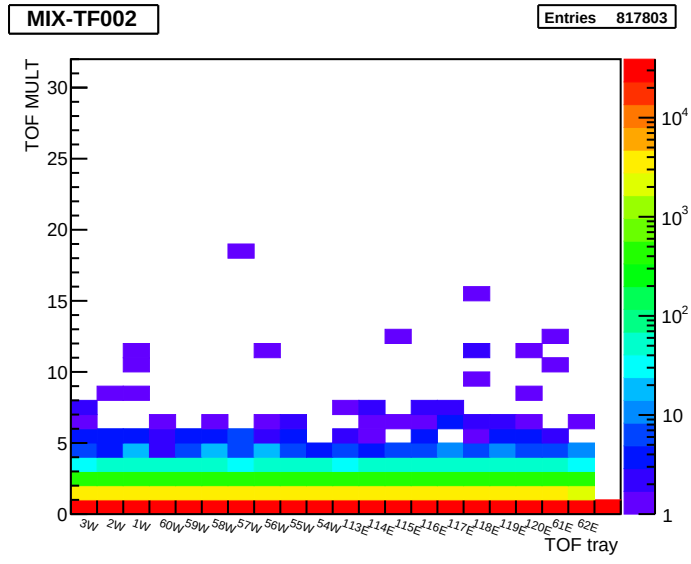

BunchId7Bit (HT.TP UPCsingle)
Entries 0

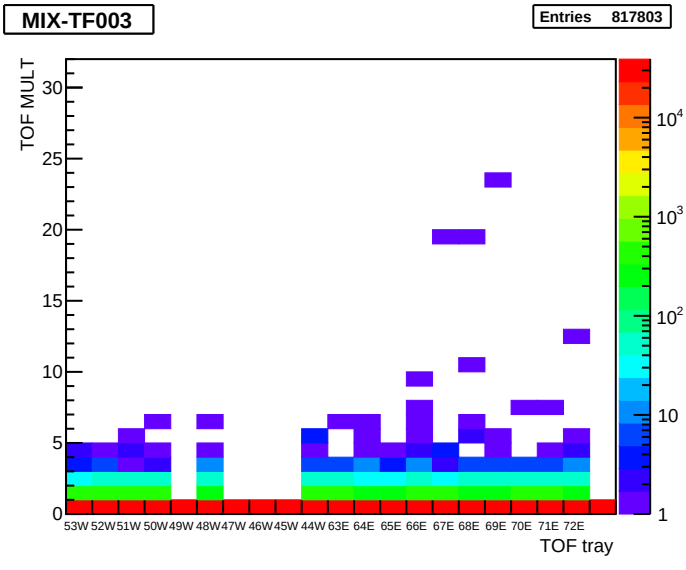

BunchId7Bit (TP UPCsingle)
Entries 1

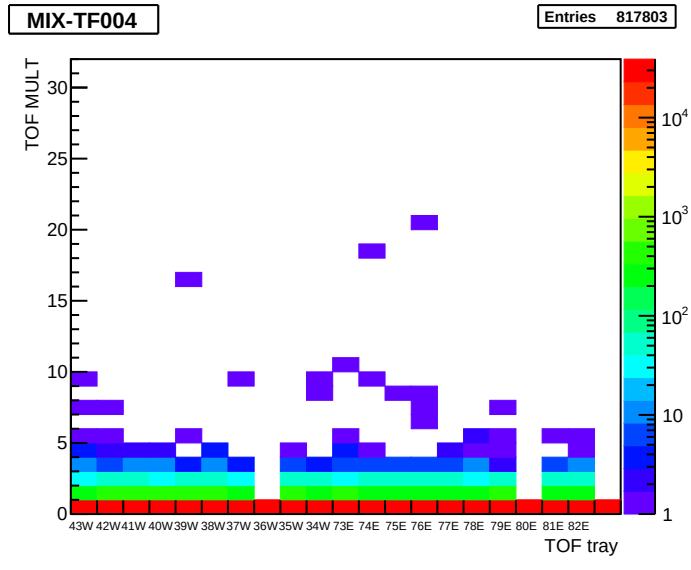

BunchId7Bit (VPD-TAC)
Entries 6052

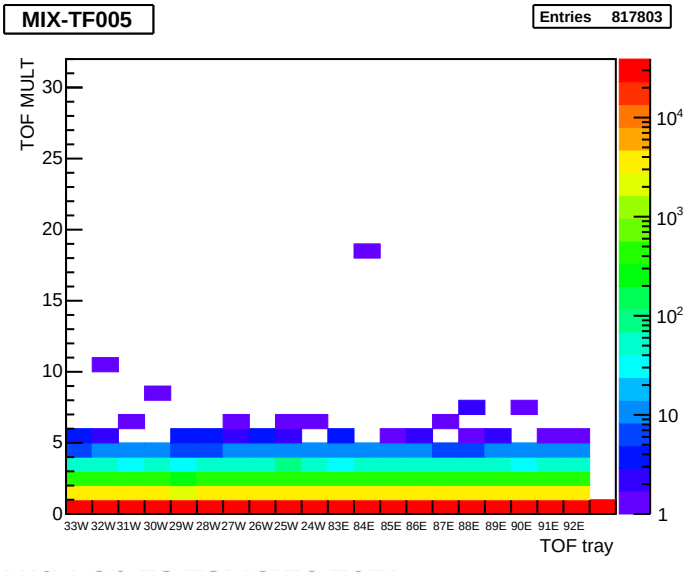

BunchId7Bit (MTD-th2)
Entries 77

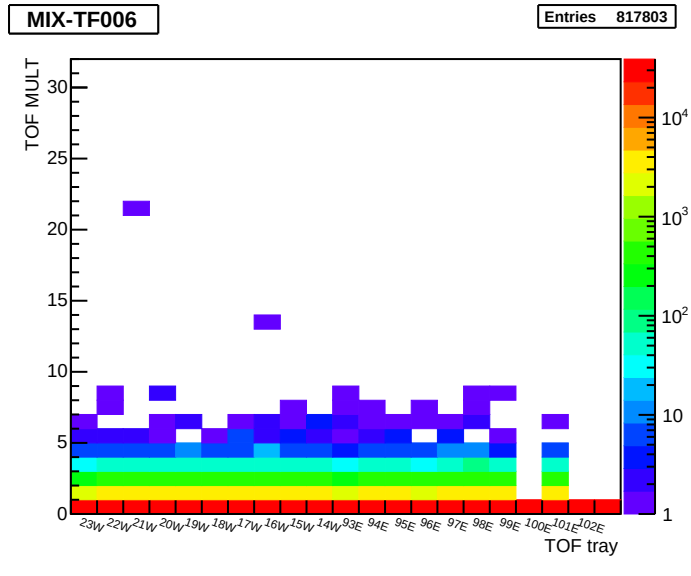

MIX-TF001
Entries 817803
TOF MULT
TOF tray

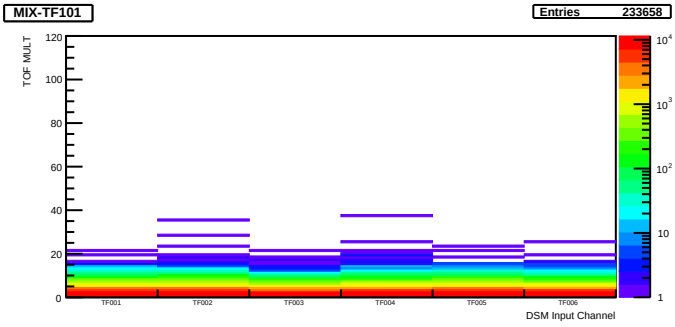

MIX-TF002
Entries 817803
TOF MULT
TOF tray

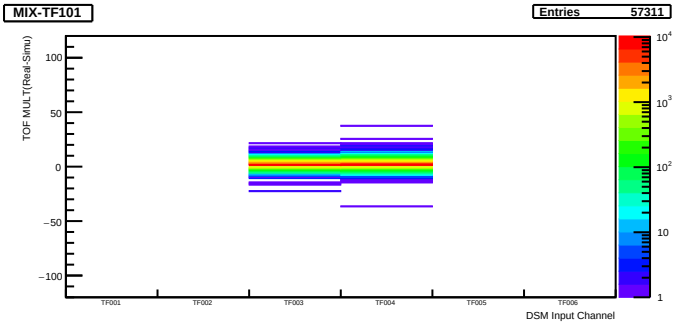

MIX-TF003
Entries 817803
TOF MULT
TOF tray

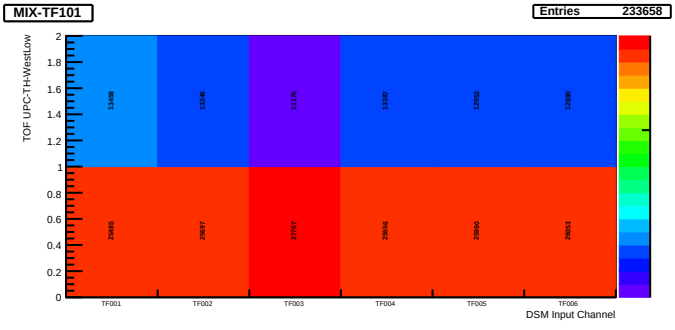

MIX-TF004
Entries 817803
TOF MULT
TOF tray

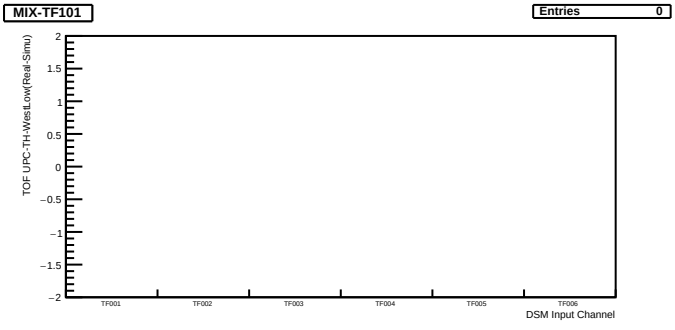

MIX-TF005
Entries 817803
TOF MULT
TOF tray

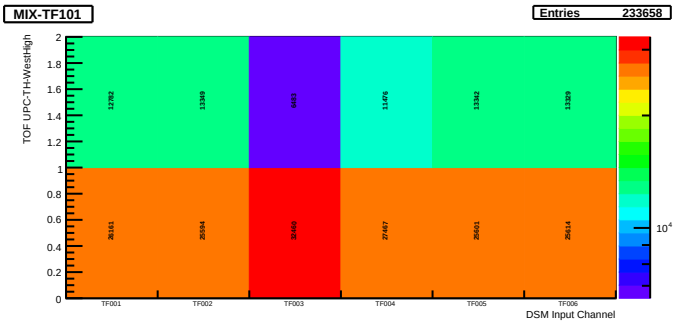

MIX-TF006
Entries 817803
TOF MULT
TOF tray

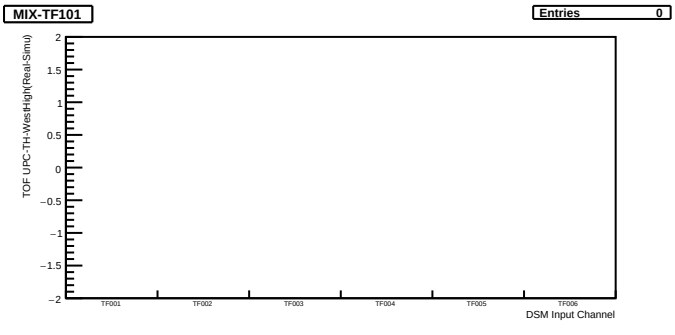

MIX-TF101
Entries 233658
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

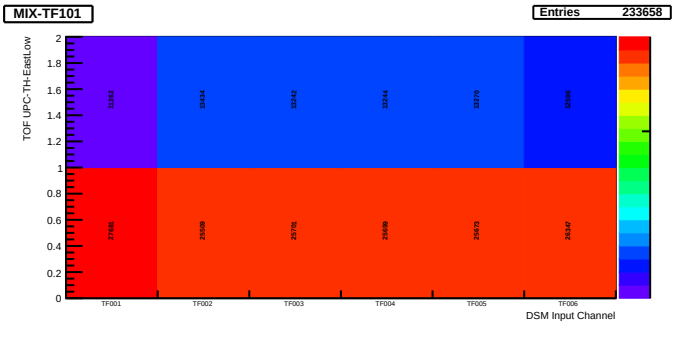

MIX-TF101
Entries 57311
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

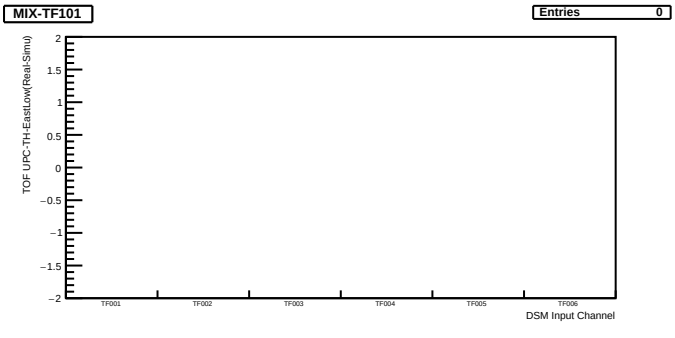

MIX-TF101
Entries 233658
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

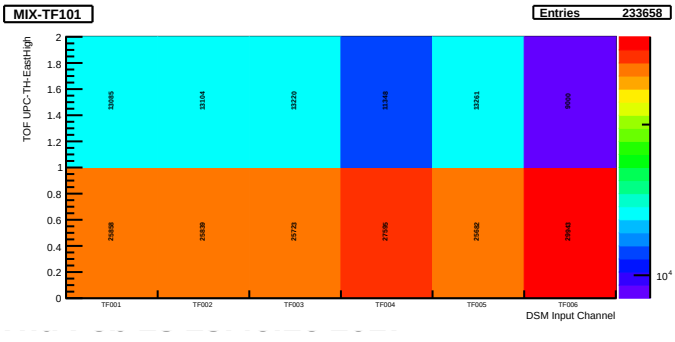

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

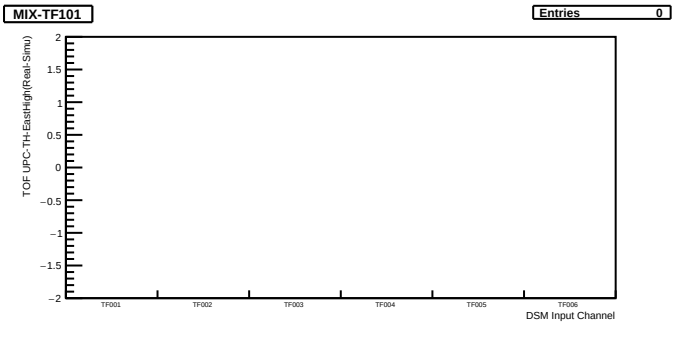

MIX-TF101
Entries 233658
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

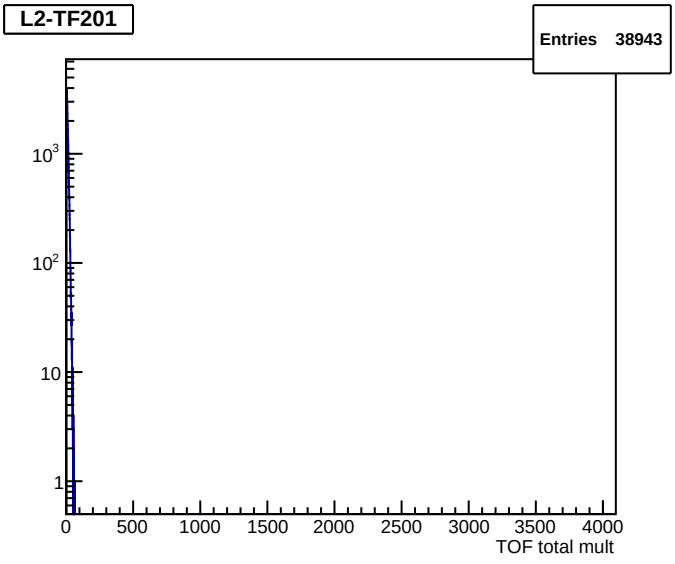

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

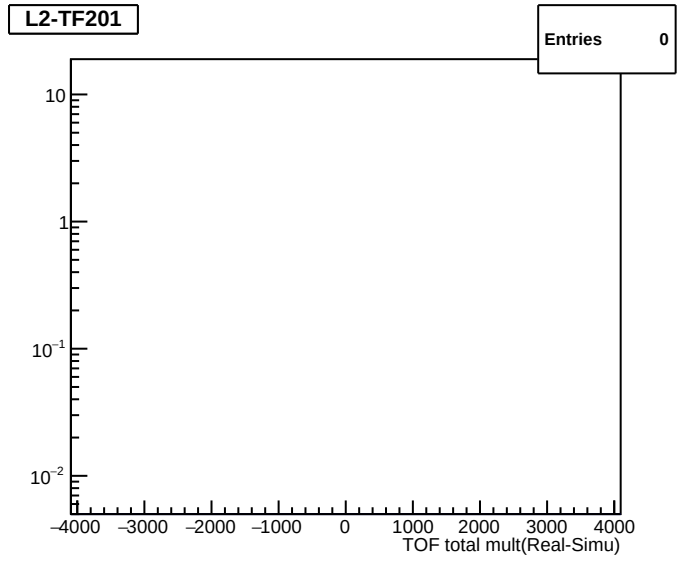

MIX-TF101
Entries 233658
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

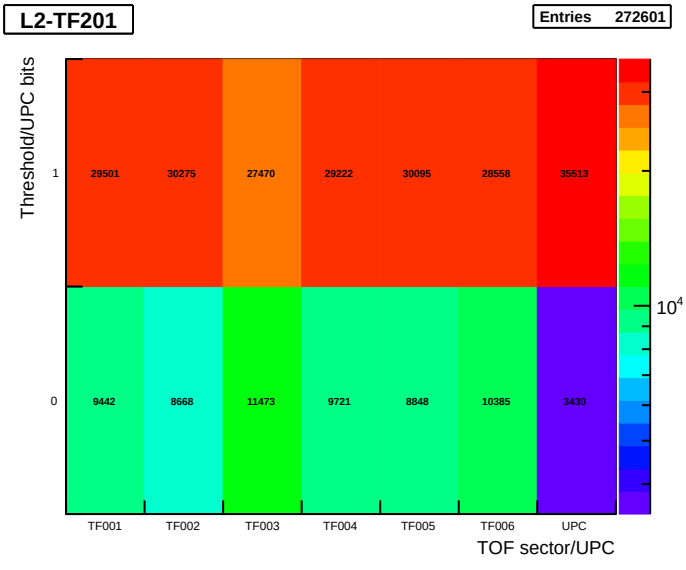

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

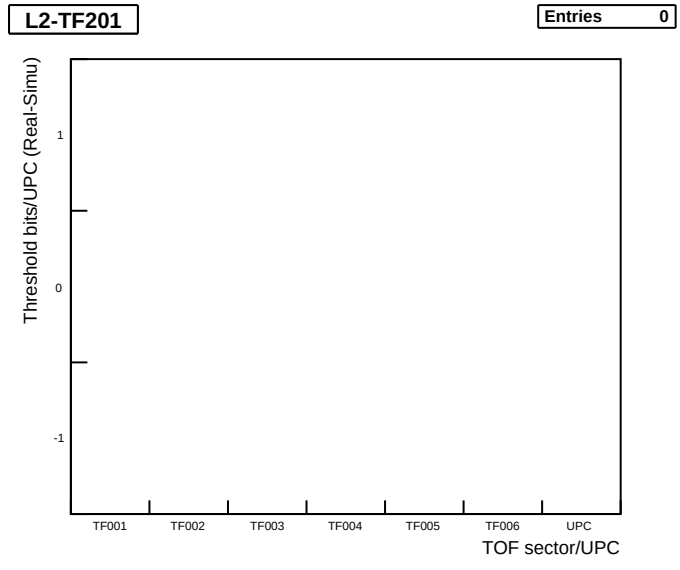

MIX-TF101
Entries 233658
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

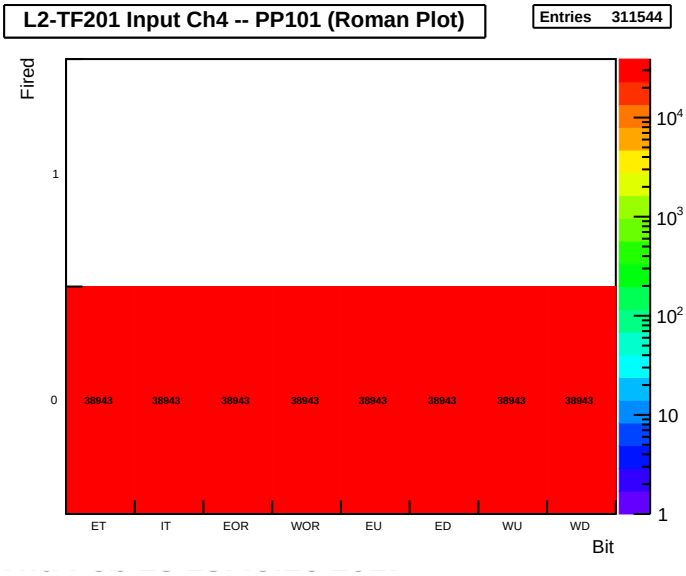

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

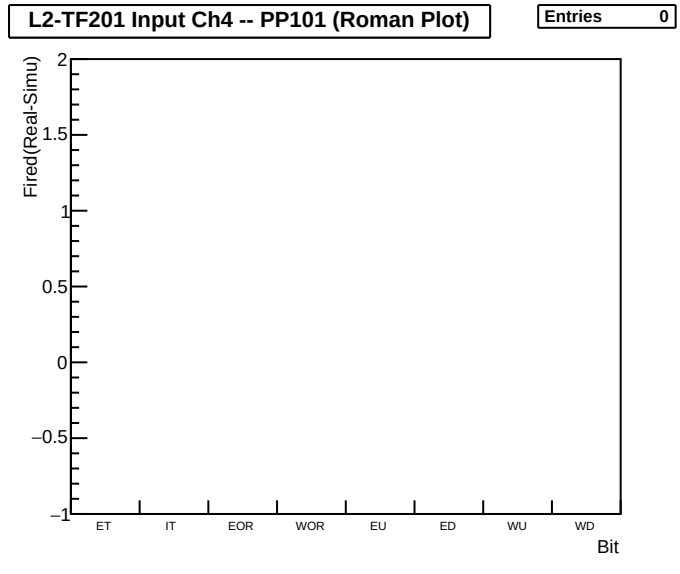

L2-TF201
Entries 38943
TOF total mult

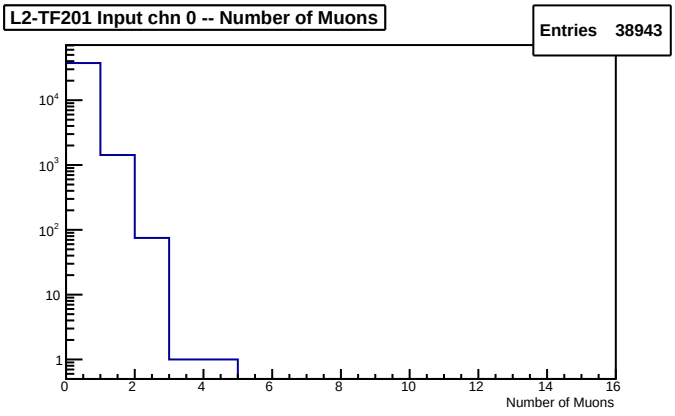

L2-TF201
Entries 0
TOF total mult(Real-Simu)

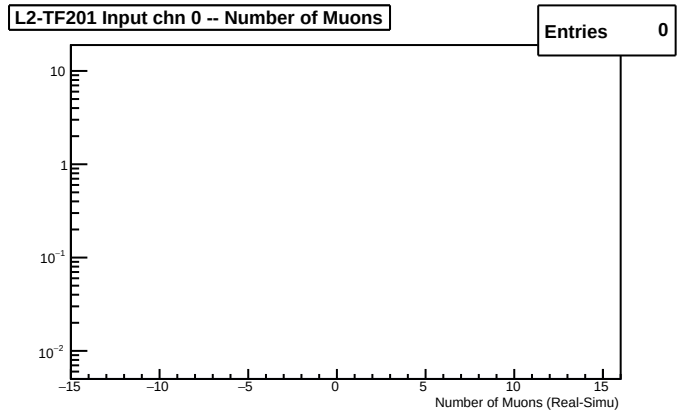

L2-TF201
Entries 272601
Threshold/UPC bits
29501 30275 27470 29222 30095 28558 35513
9442 8668 11473 9721 8848 10385 3430
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

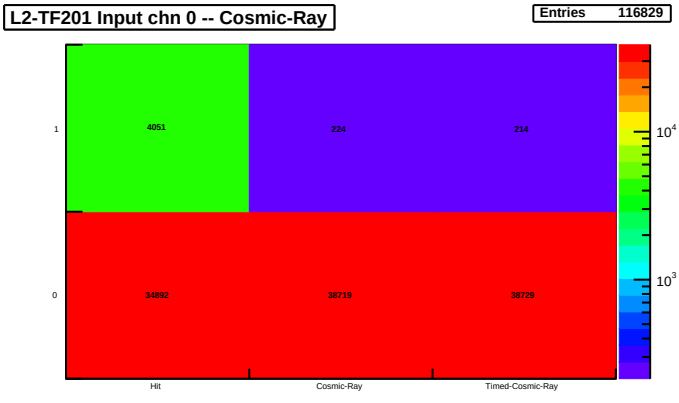

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

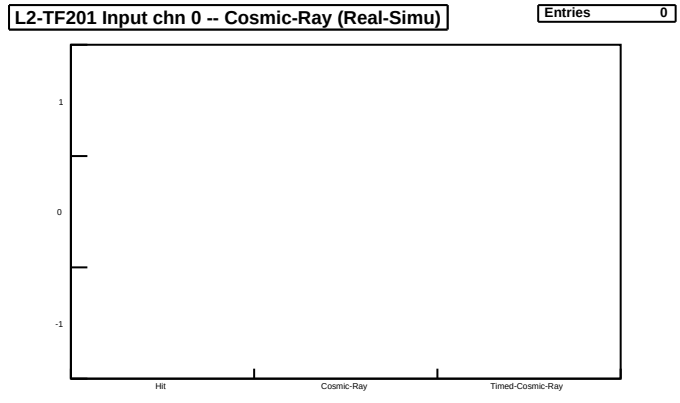

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 311544
Fired
38943 38943 38943 38943 38943 38943 38943 38943
ET IT EOR WOR EU ED WU WD
Bit

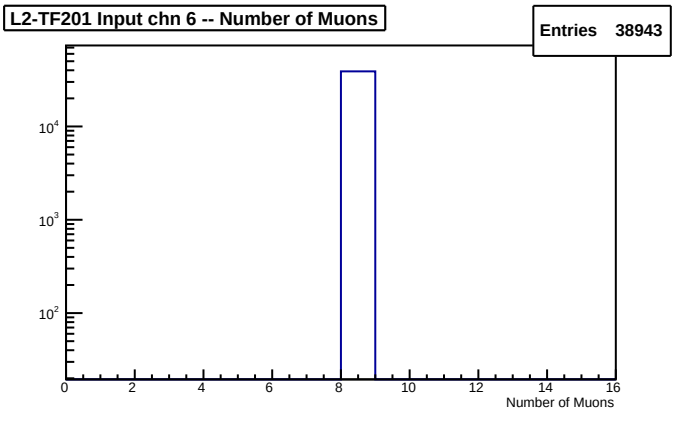

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

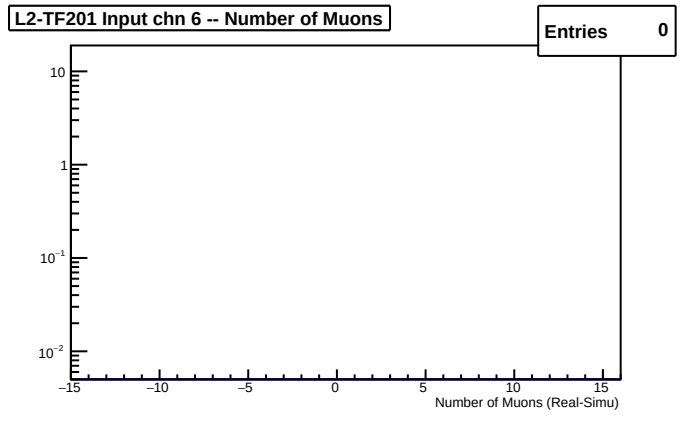

L2-TF201 Input chn 0 -- Number of Muons
Entries 38943
Number of Muons

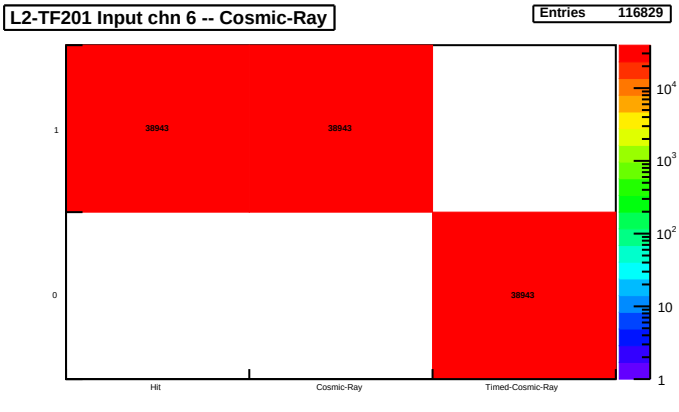

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

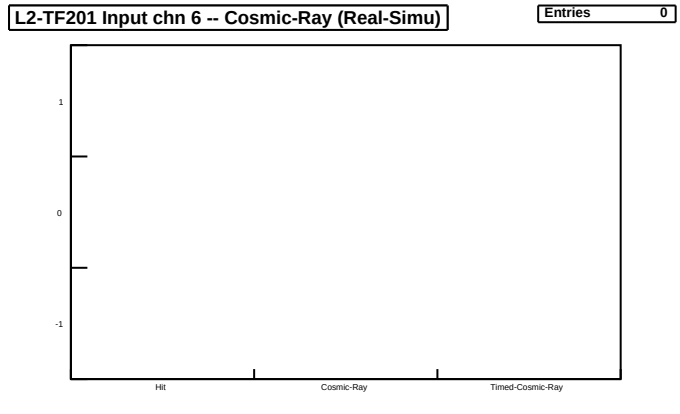

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 116829
4051
224
214
34892
38719
38729
Hit
Cosmic-Ray
Timed-Cosmic-Ray

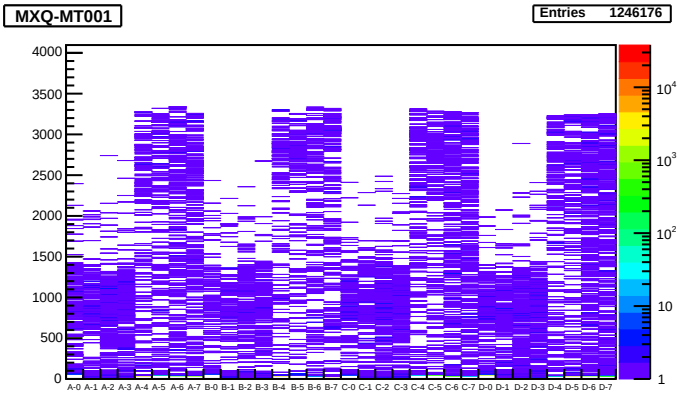

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

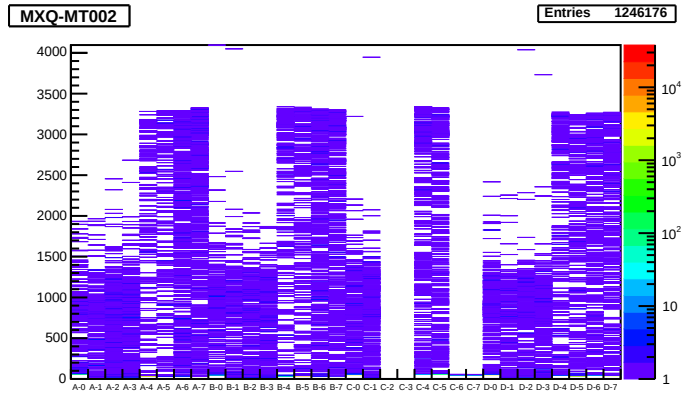

L2-TF201 Input chn 6 -- Number of Muons
Entries 38943
Number of Muons

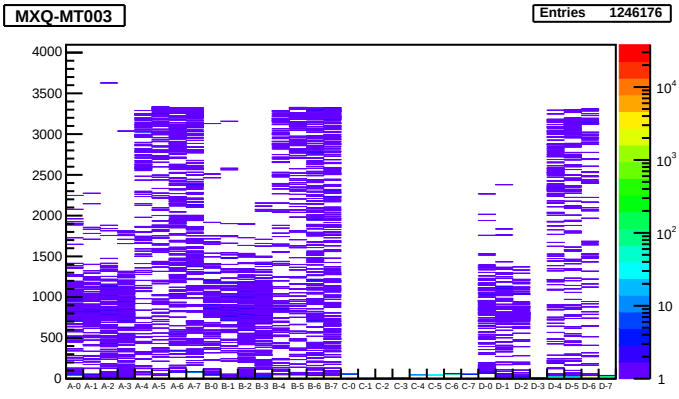

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

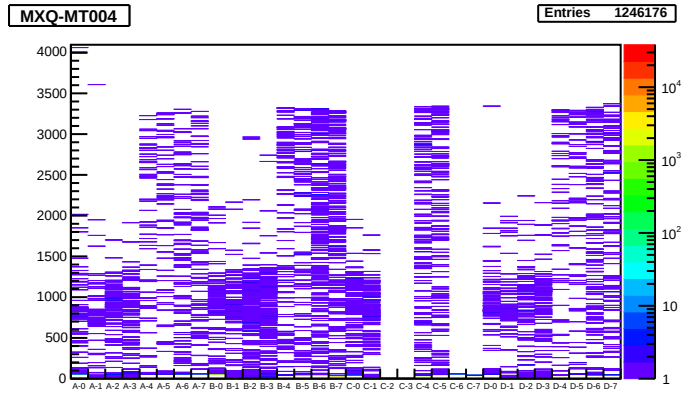

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 116829
38943
38943
38943
Hit
Cosmic-Ray
Timed-Cosmic-Ray

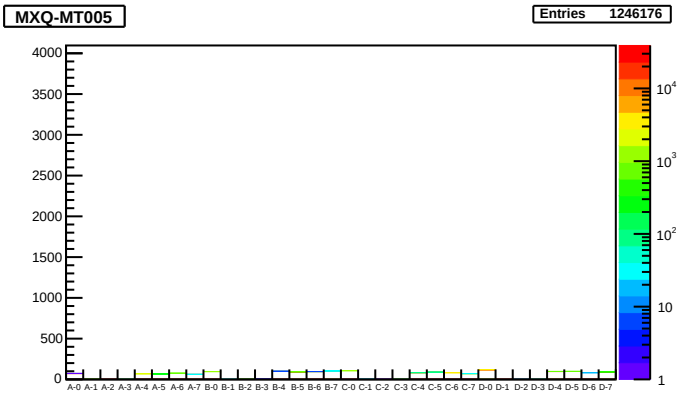

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

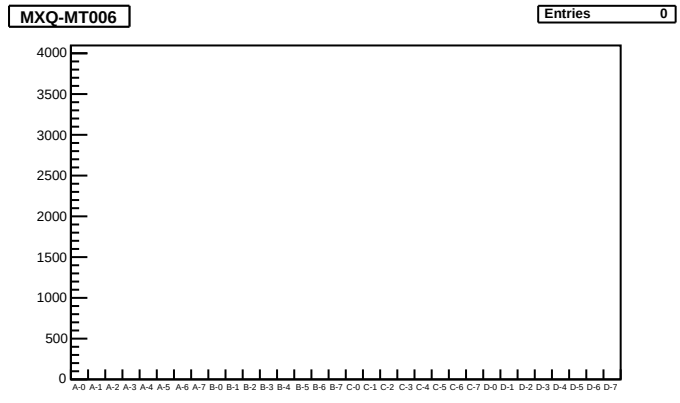

MXQ-MT001
Entries 1246176

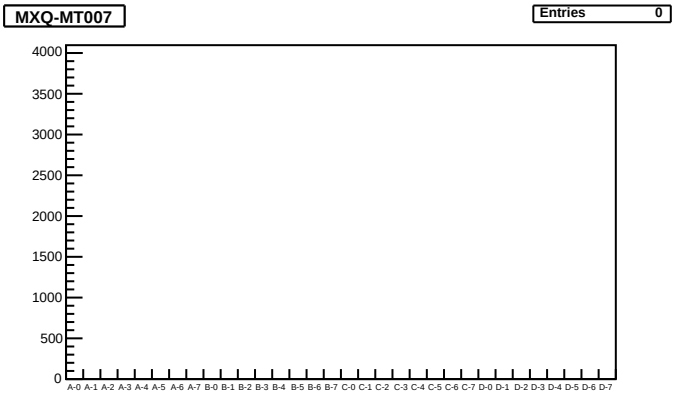

MXQ-MT002
Entries 1246176

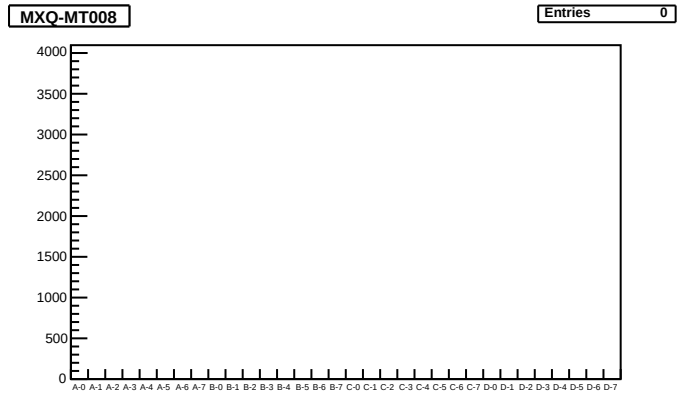

MXQ-MT003
Entries 1246176

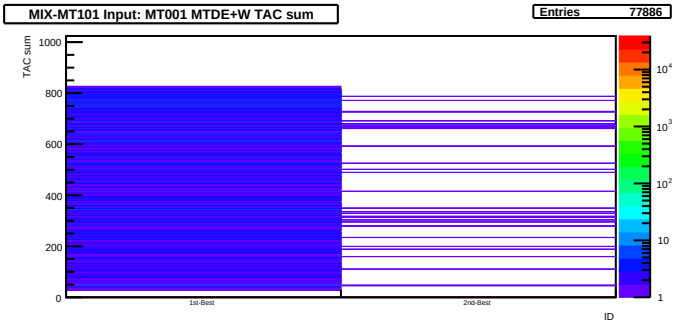

MXQ-MT004
Entries 1246176

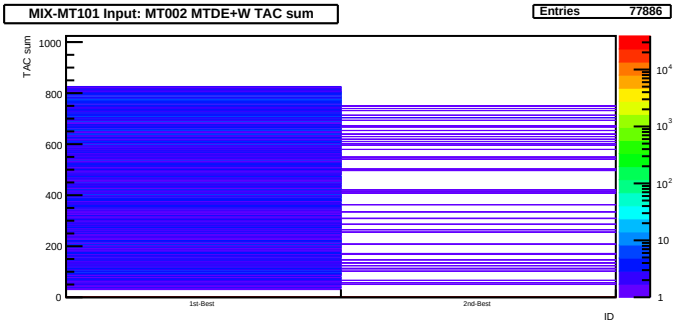

MXQ-MT005
Entries 1246176

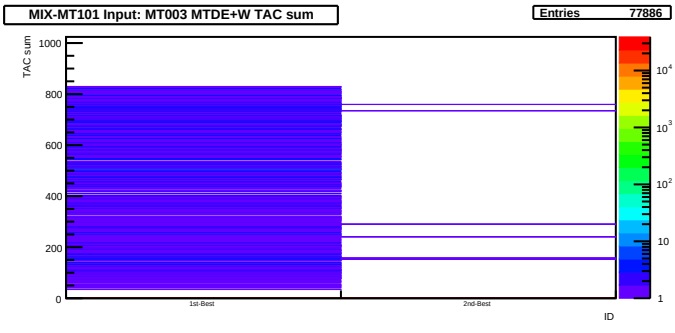

MXQ-MT006
Entries 0

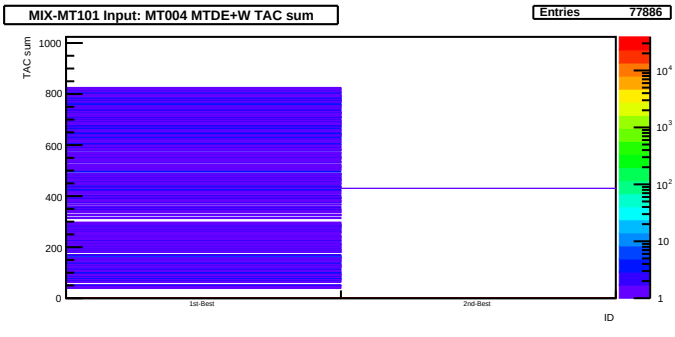

MXQ-MT007
Entries 0

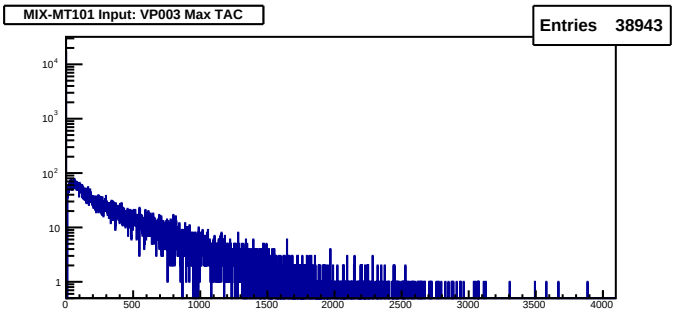

MXQ-MT008
Entries 0

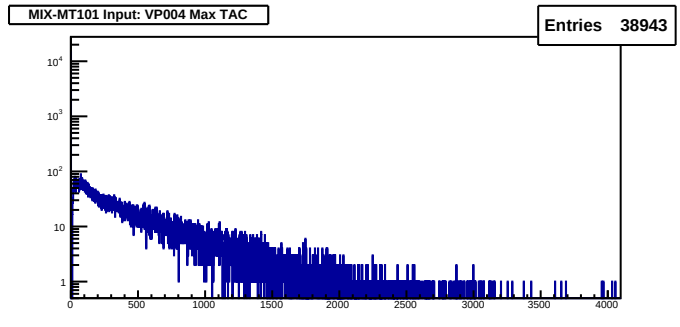

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

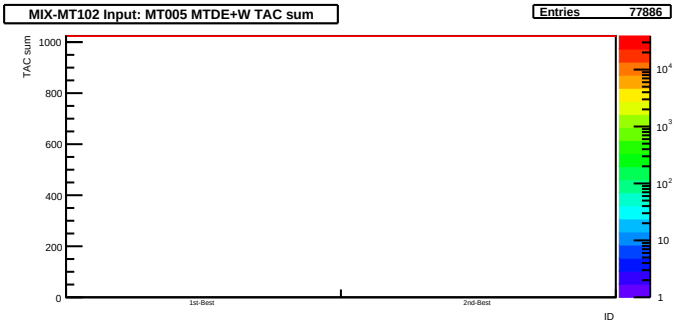

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

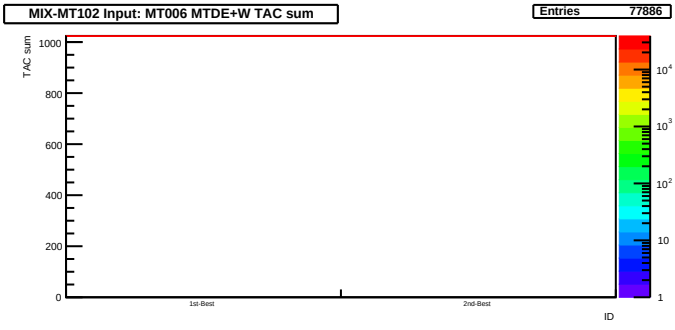

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

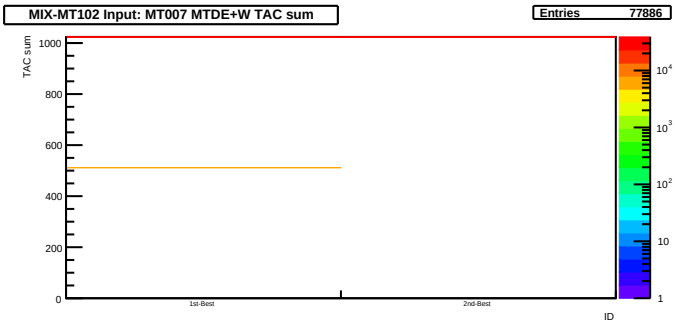

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

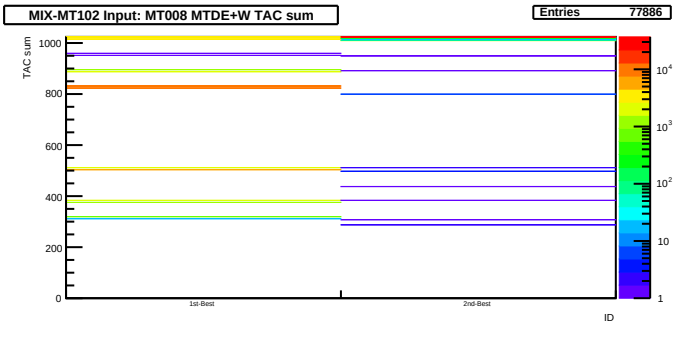

MIX-MT101 Input: VP003 Max TAC
Entries 38943

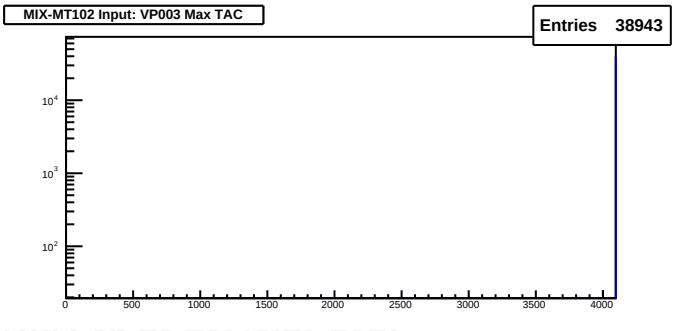

MIX-MT101 Input: VP004 Max TAC
Entries 38943

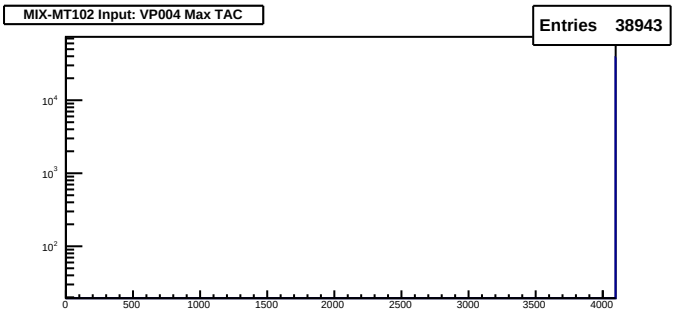

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

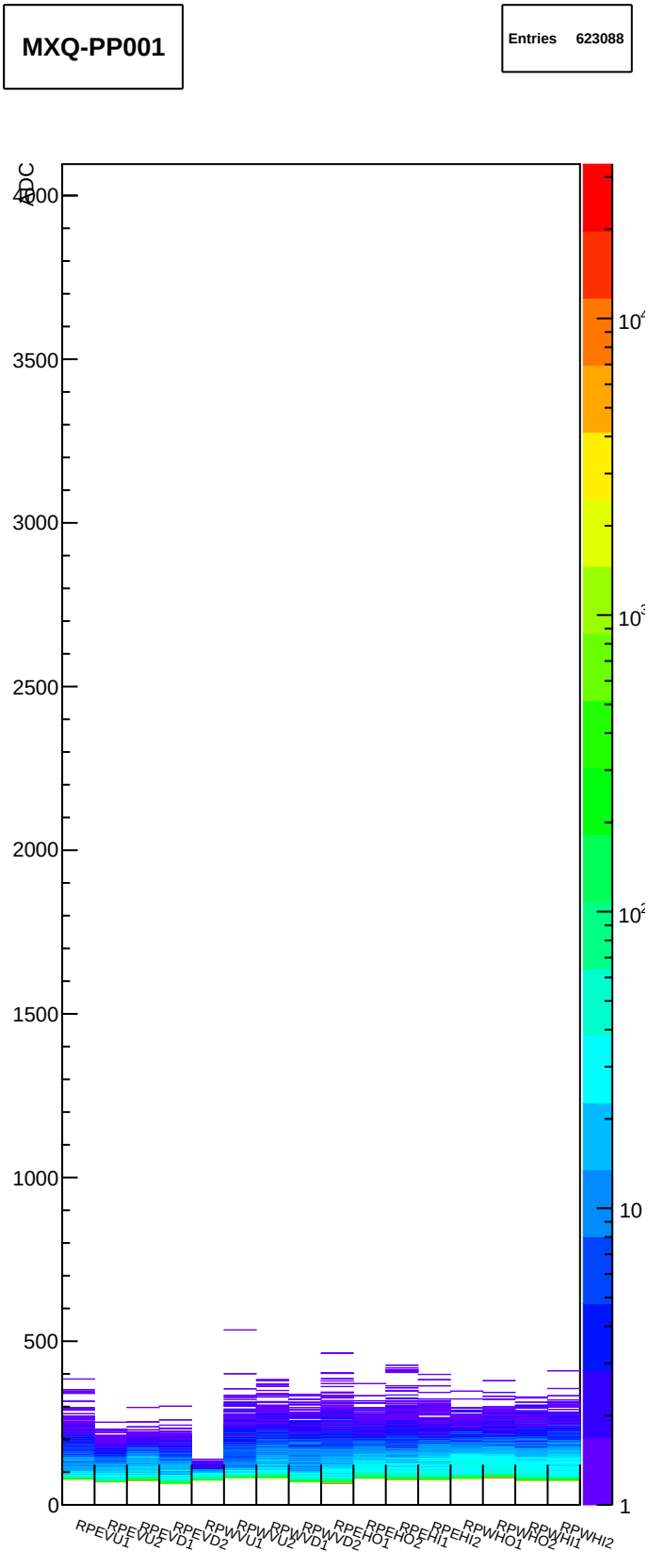

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

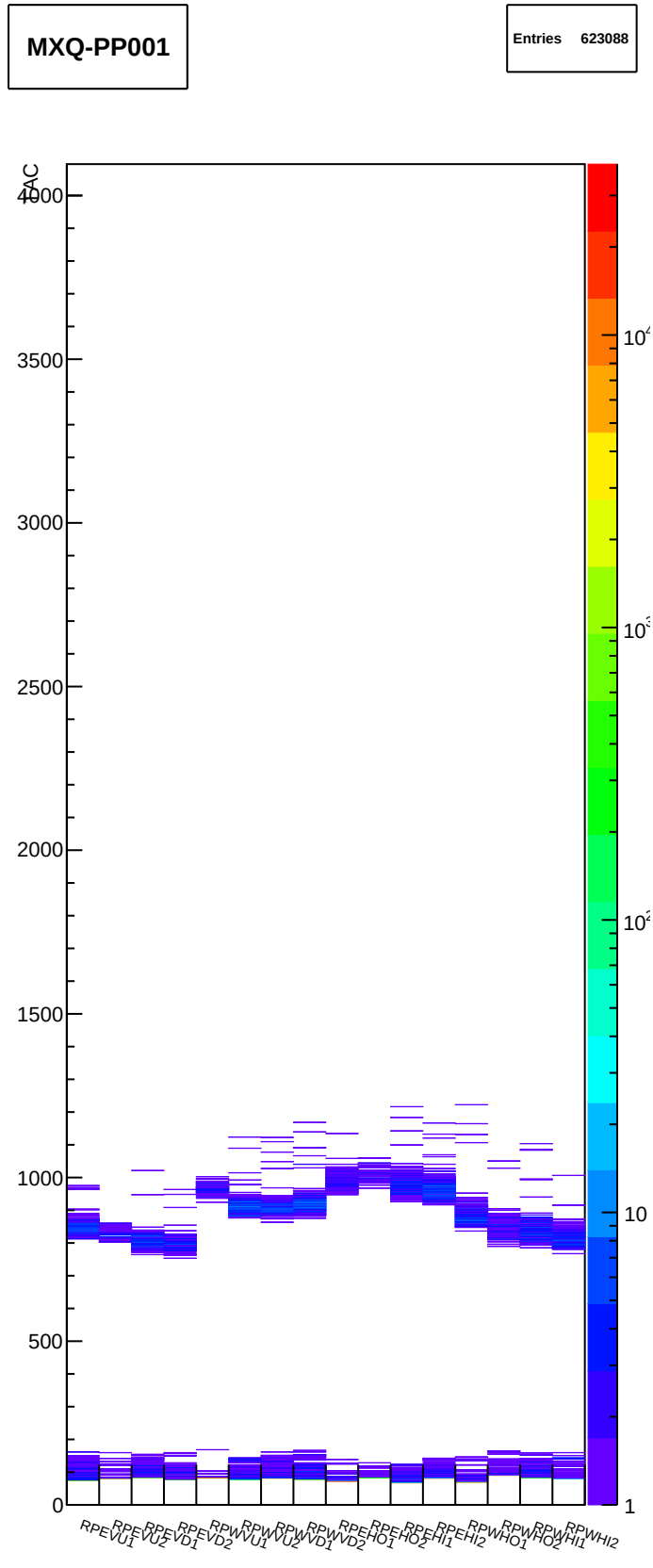

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

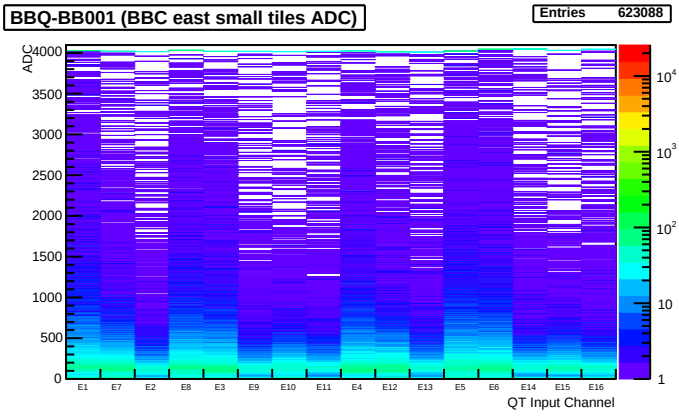

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 77886
TAC sum
1st-Best
2nd-Best
ID

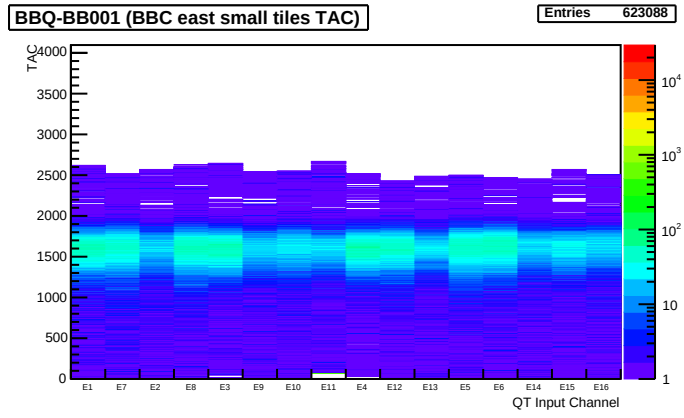

MIX-MT102 Input: VP003 Max TAC
Entries 38943

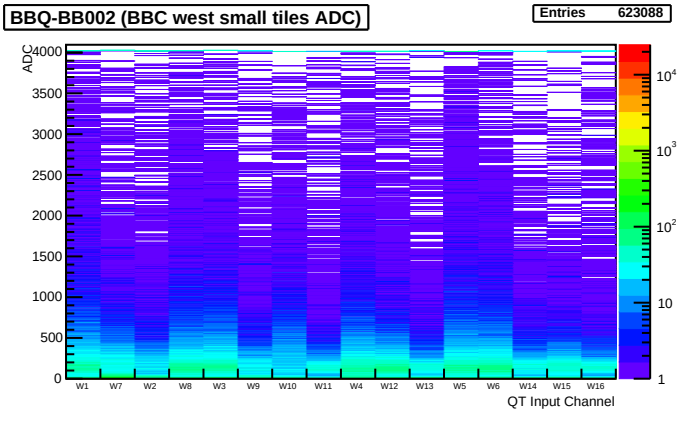

MIX-MT102 Input: VP004 Max TAC
Entries 38943

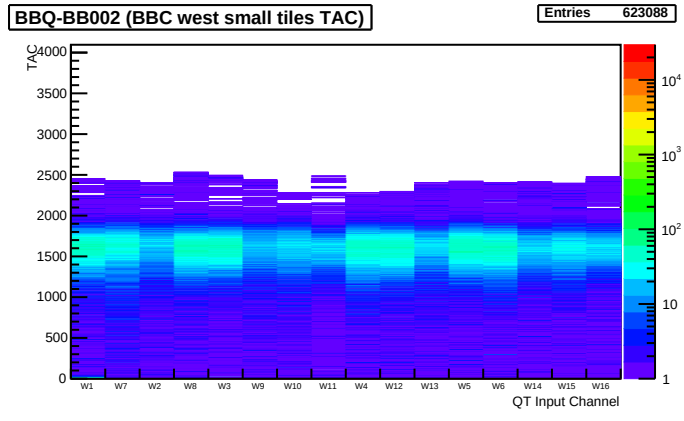

MXQ-PP001
Entries 623088
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

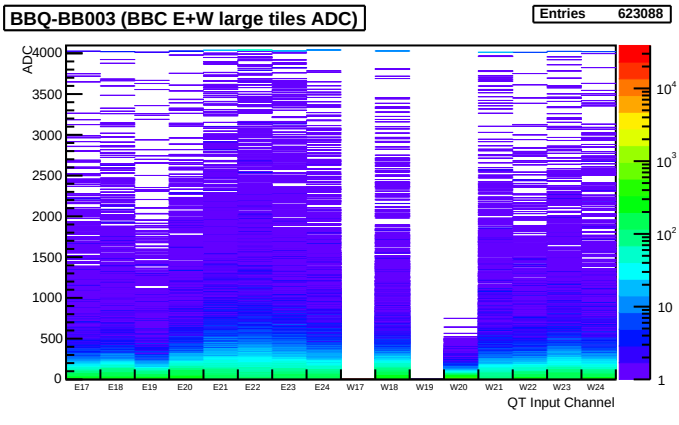

MXQ-PP001
Entries 623088
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

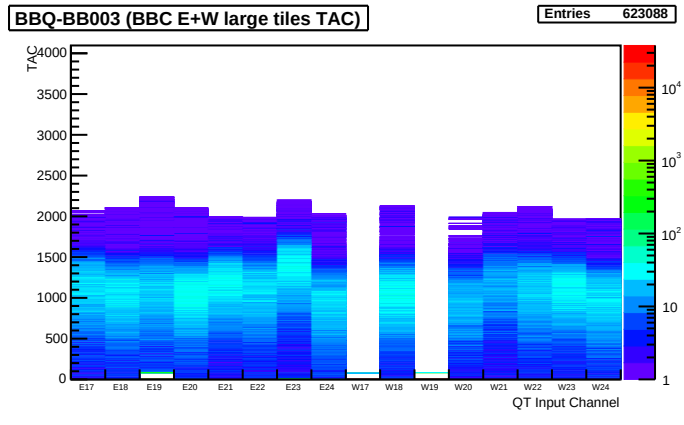

BBQ-BB001 (BBC east small tiles ADC)
Entries 623088
ADC
QT Input Channel

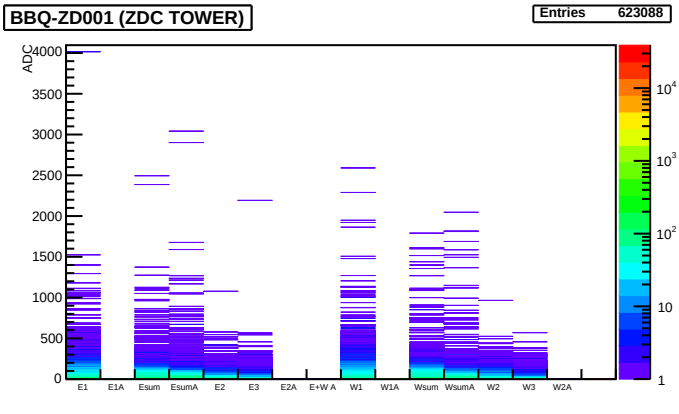

BBQ-BB001 (BBC east small tiles TAC)
Entries 623088
TAC
QT Input Channel

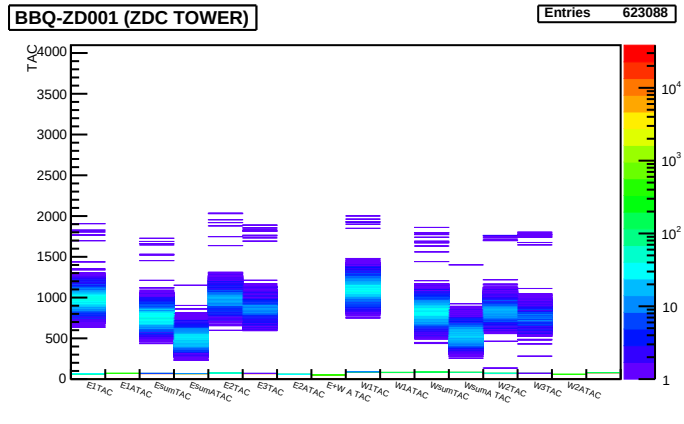

BBQ-BB002 (BBC west small tiles ADC)
Entries 623088
ADC
QT Input Channel

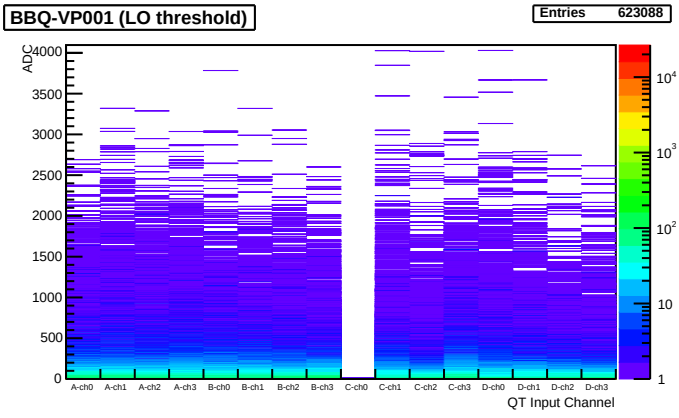

BBQ-BB002 (BBC west small tiles TAC)
Entries 623088
TAC
QT Input Channel

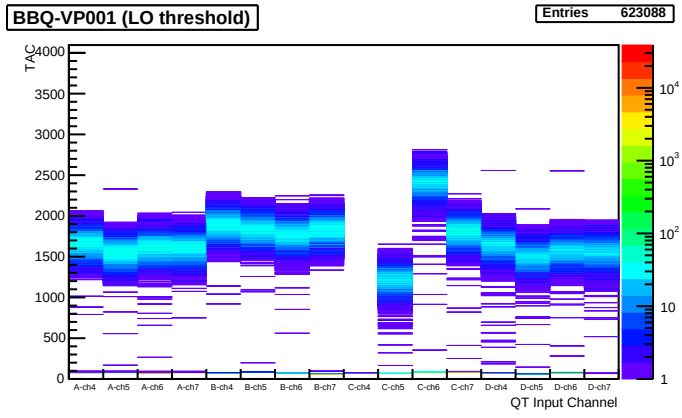

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 623088
ADC
QT Input Channel

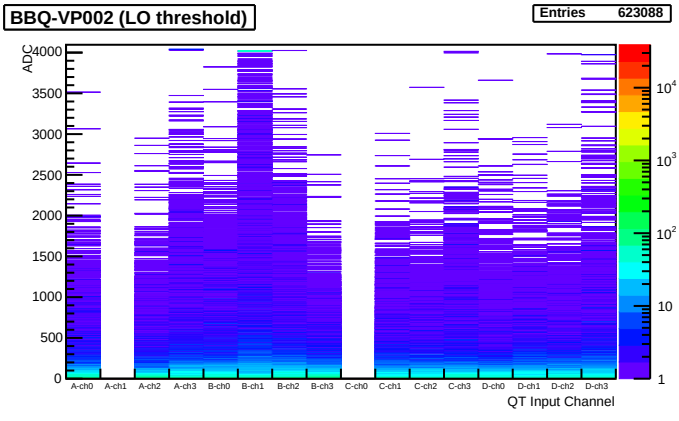

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 623088
TAC
QT Input Channel

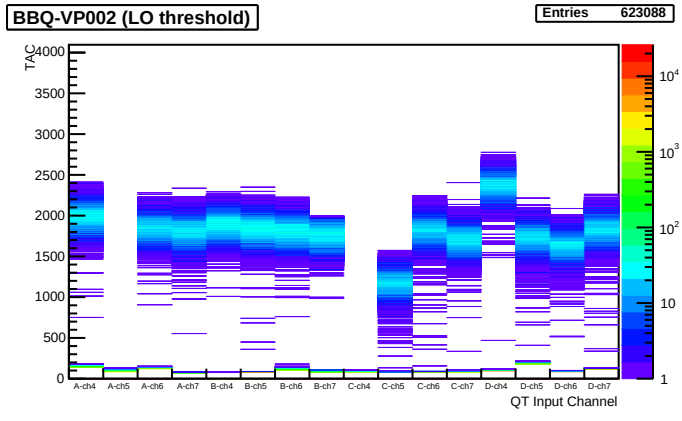

BBQ-ZD001 (ZDC TOWER)
Entries 623088
ADC

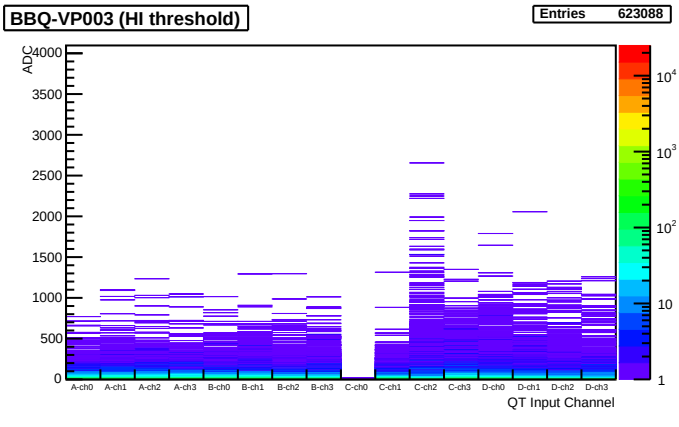

BBQ-ZD001 (ZDC TOWER)
Entries 623088
TAC

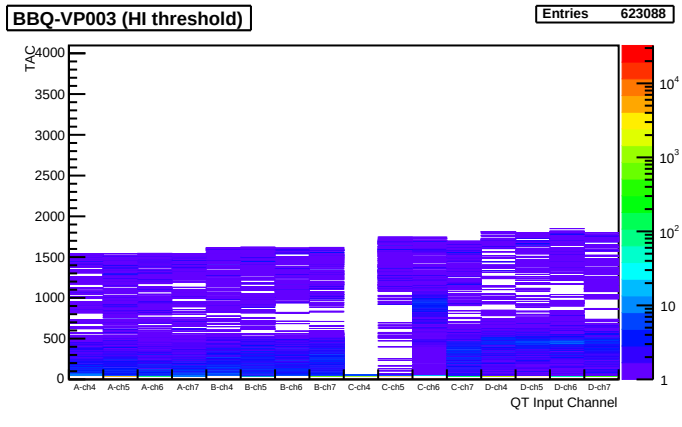

BBQ-VP001 (LO threshold)
Entries 623088
ADC
QT Input Channel

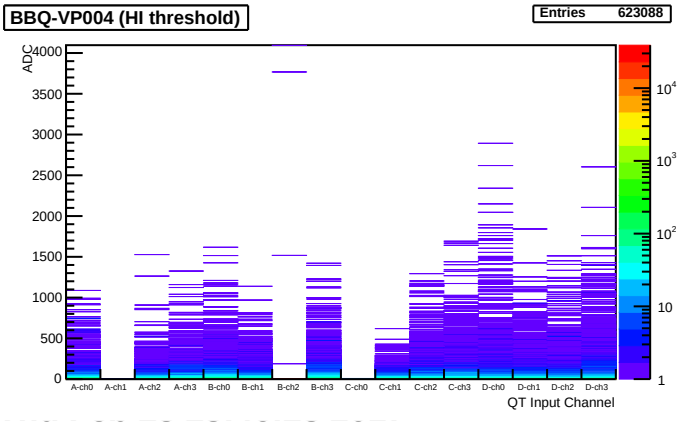

BBQ-VP001 (LO threshold)
Entries 623088
TAC
QT Input Channel

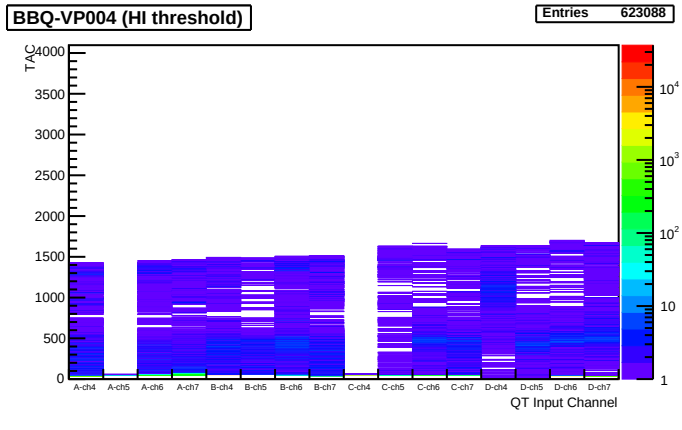

BBQ-VP002 (LO threshold)
Entries 623088
ADC
QT Input Channel

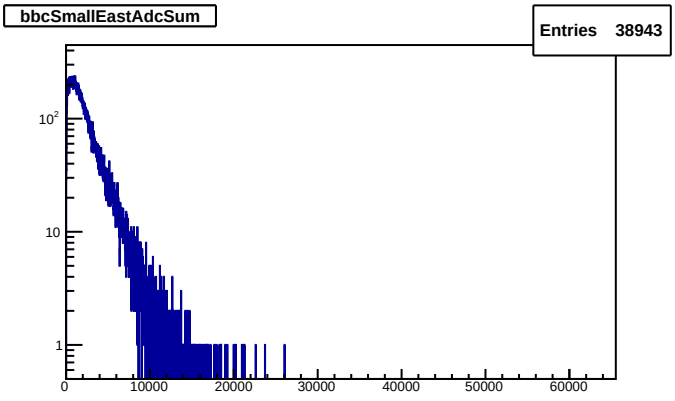

BBQ-VP002 (LO threshold)
Entries 623088
TAC
QT Input Channel

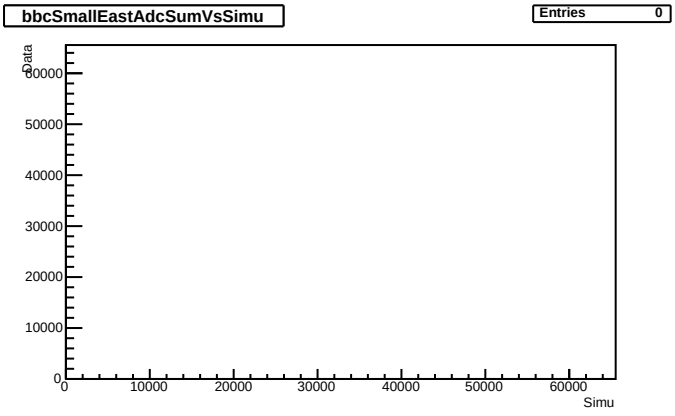

BBQ-VP003 (HI threshold)
Entries 623088
ADC
QT Input Channel

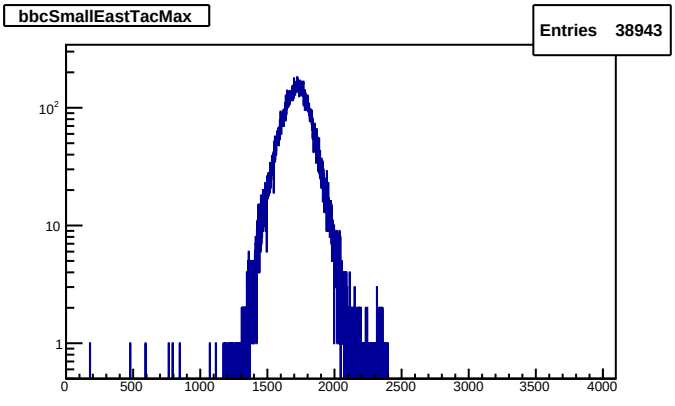

BBQ-VP003 (HI threshold)
Entries 623088
TAC
QT Input Channel

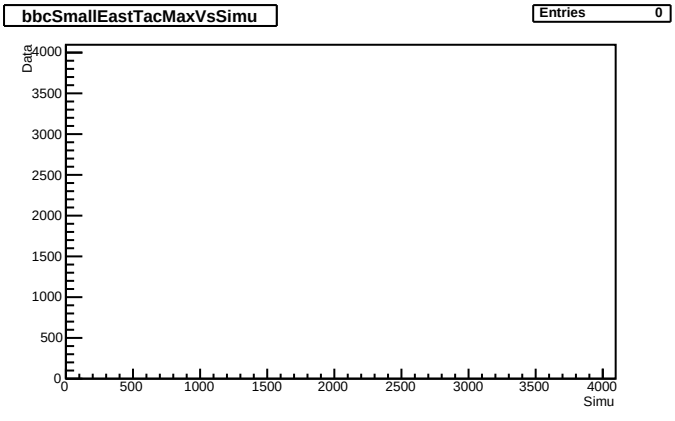

BBQ-VP004 (HI threshold)
Entries 623088
ADC
QT Input Channel

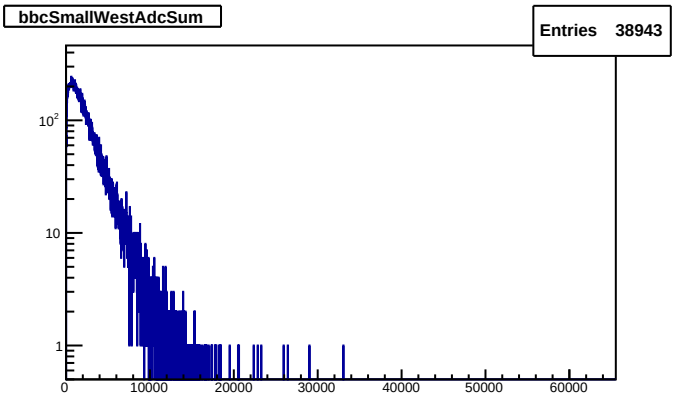

BBQ-VP004 (HI threshold)
Entries 623088
TAC
QT Input Channel

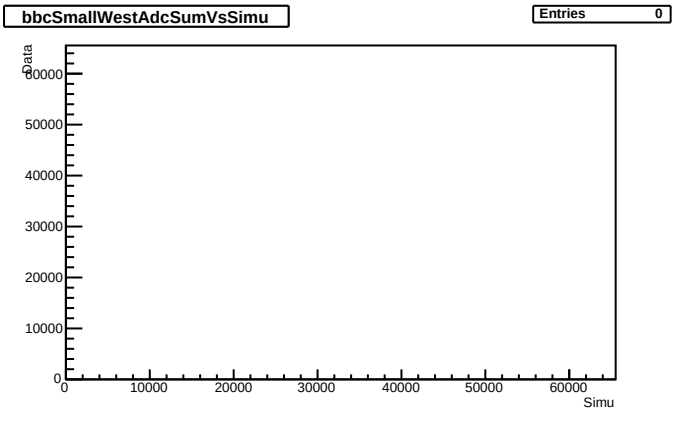

bbcSmallEastAdcSum
Entries 38943

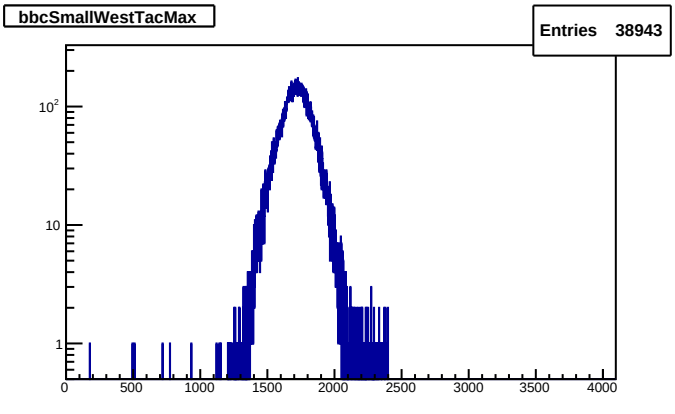

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

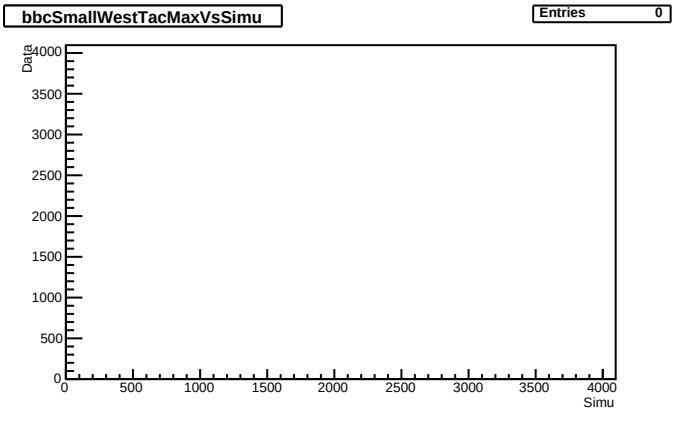

bbcSmallEastTacMax
Entries 38943

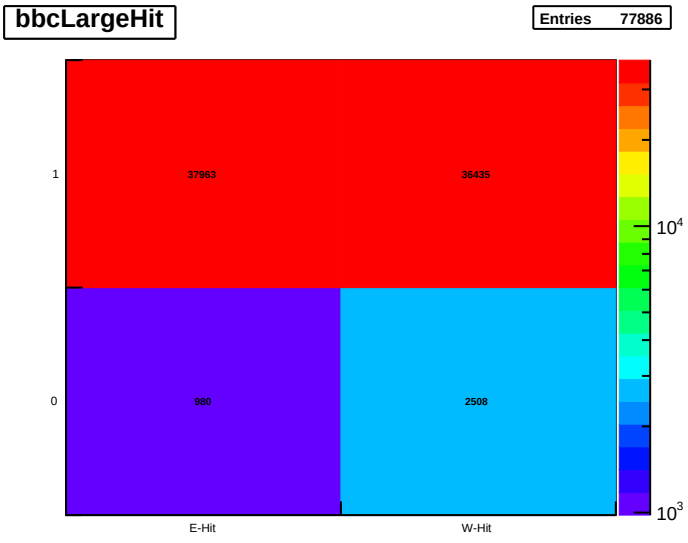

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

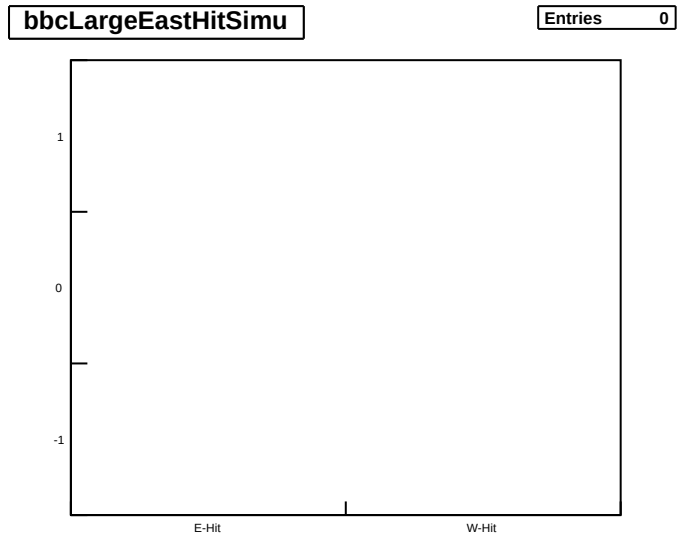

bbcSmallWestAdcSum
Entries 38943

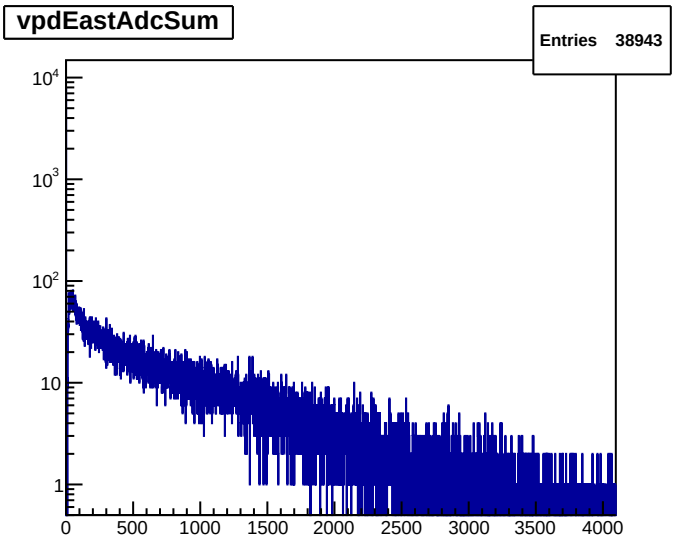

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

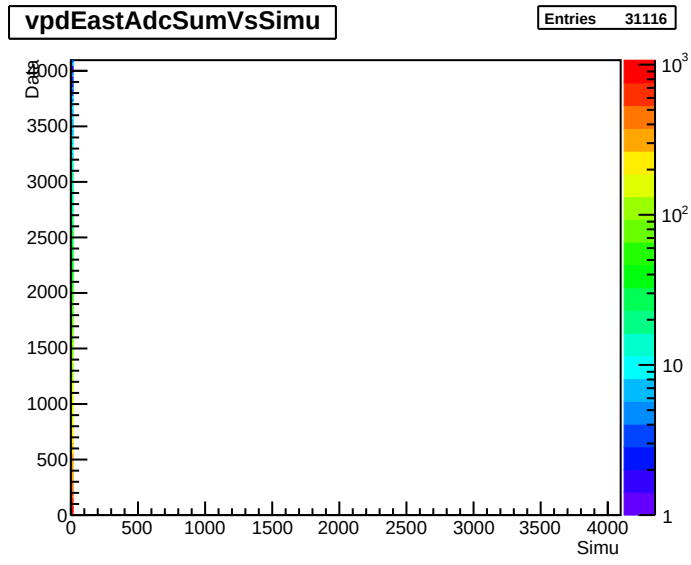

bbcSmallWestTacMax
Entries 38943

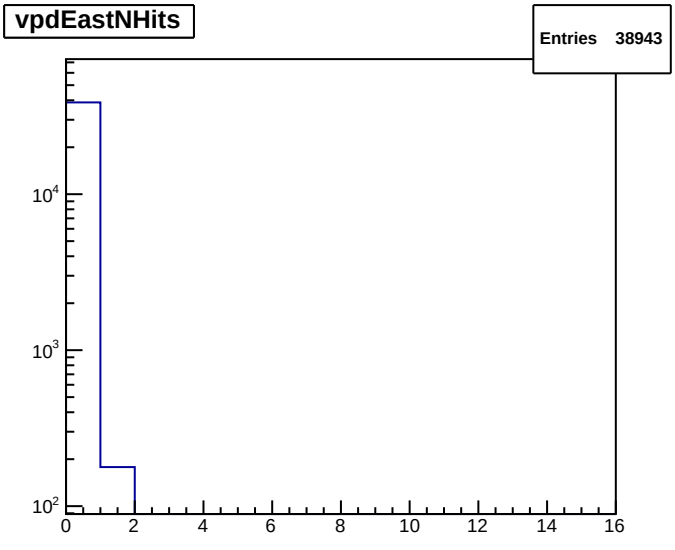

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

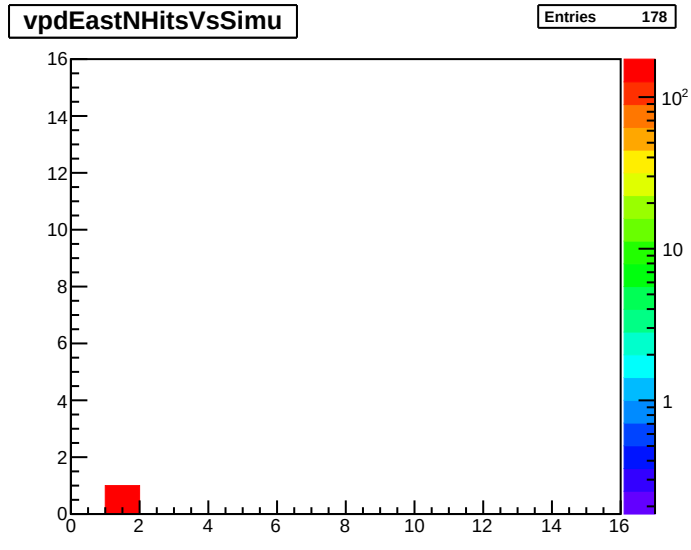

bbcLargeHit
Entries 77886
1
0
37963
36435
980
2508
E-Hit
W-Hit
$10^4$
$10^3$

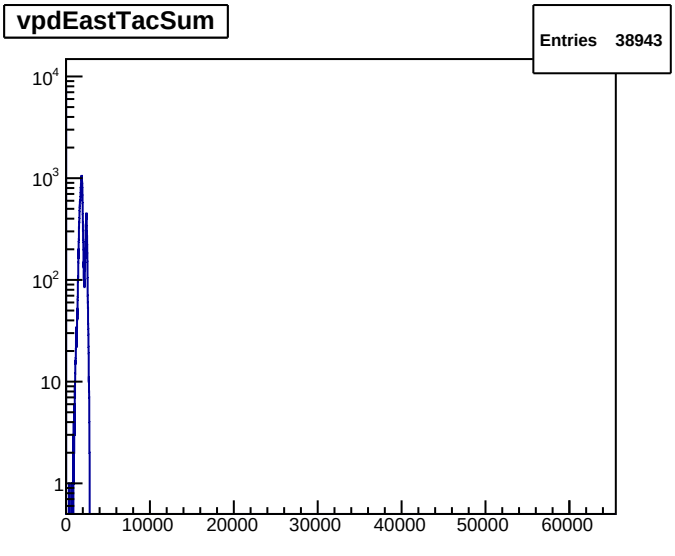

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

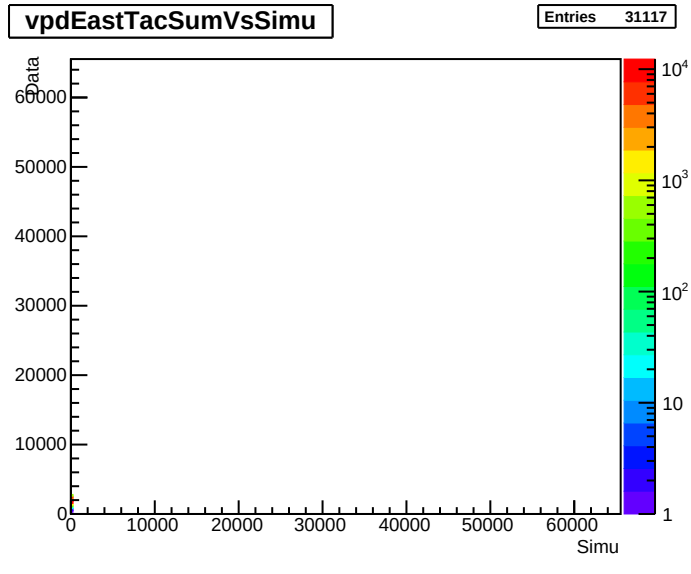

vpdEastAdcSum
Entries 38943

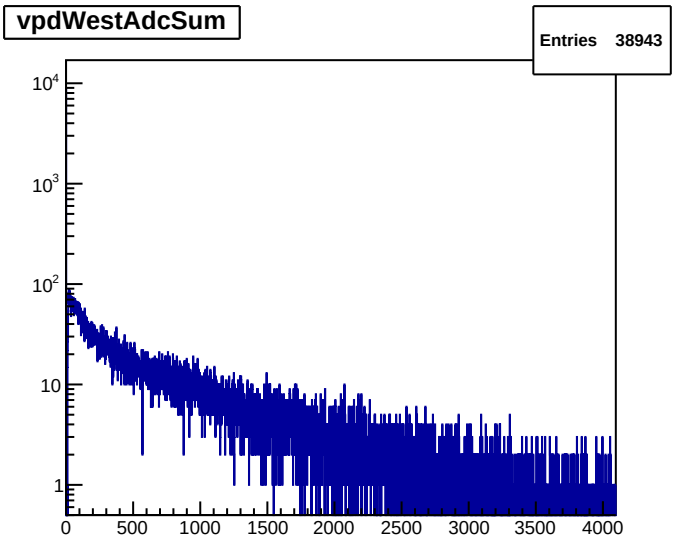

vpdEastAdcSumVsSimu
Entries 31116
Data
Simu

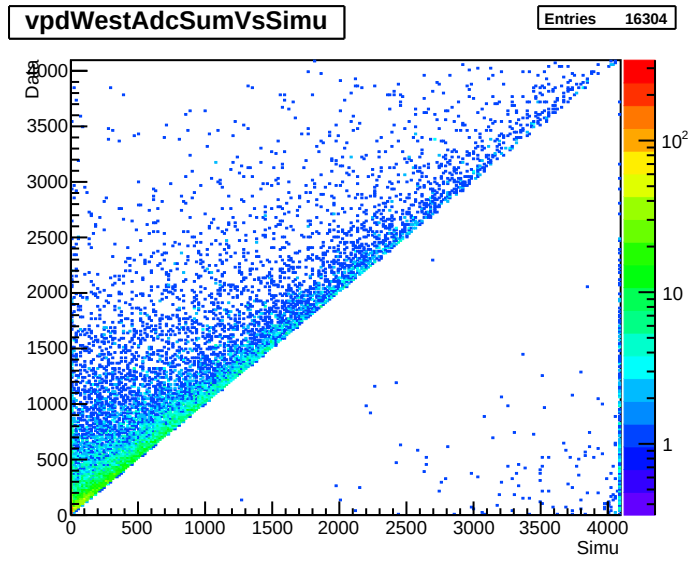

vpdEastNHits
Entries 38943

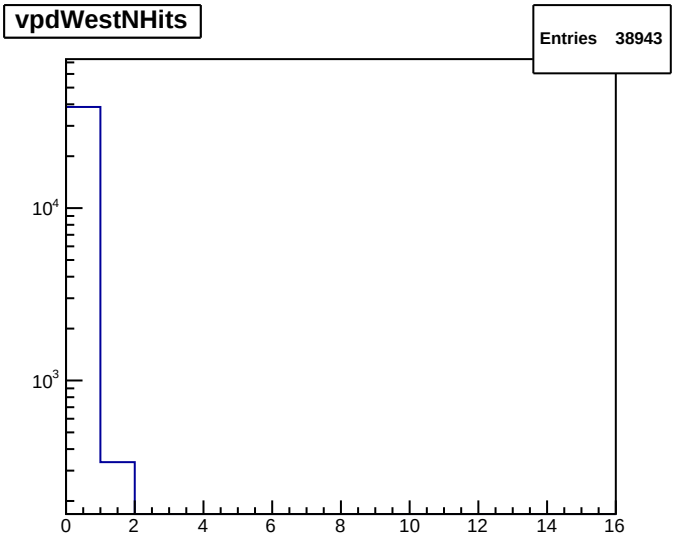

vpdEastNHitsVsSimu
Entries 178

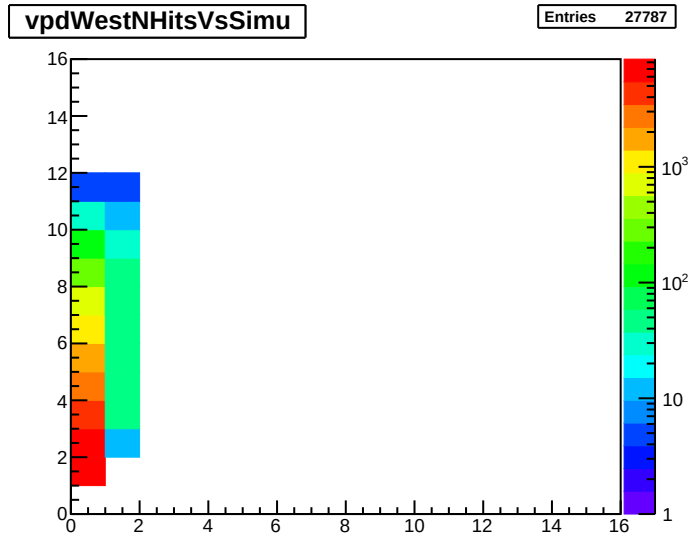

vpdEastTacSum
Entries 38943

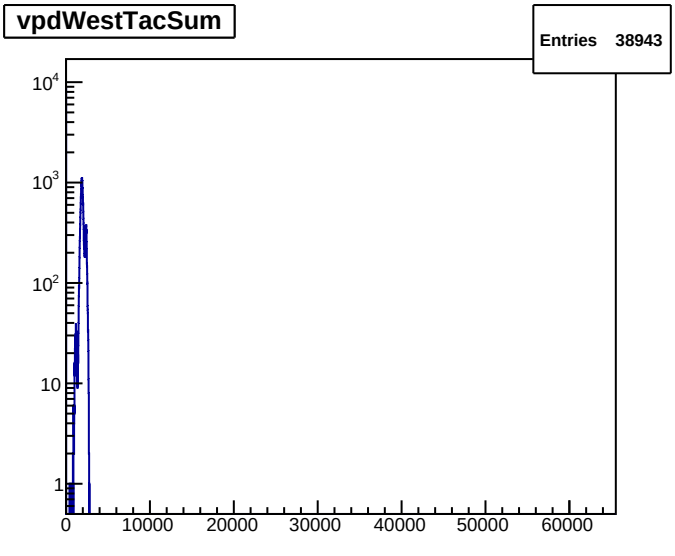

vpdEastTacSumVsSimu
Entries 31117
Data
Simu

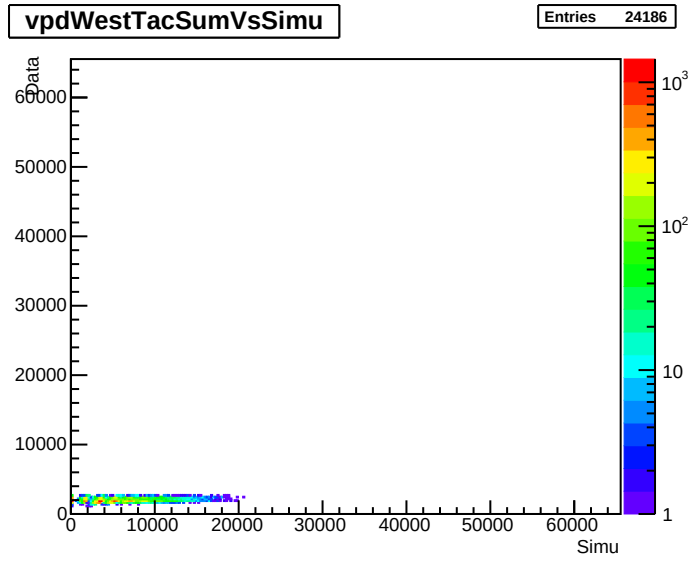

vpdWestAdcSum
Entries 38943

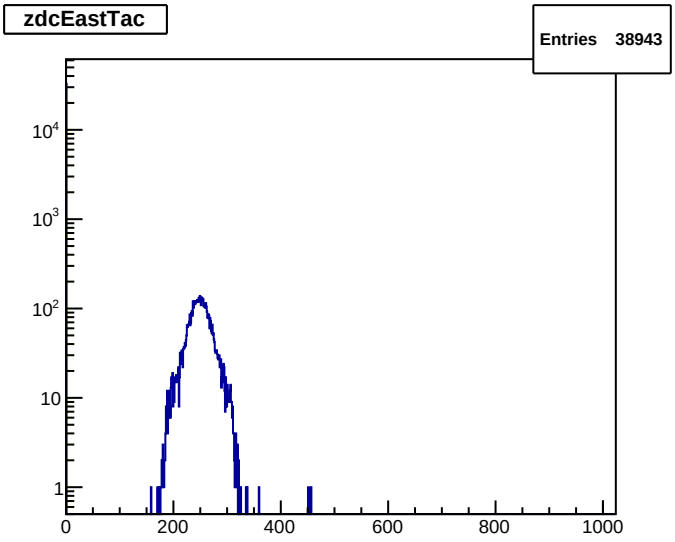

vpdWestAdcSumVsSimu
Entries 16304
Data
Simu

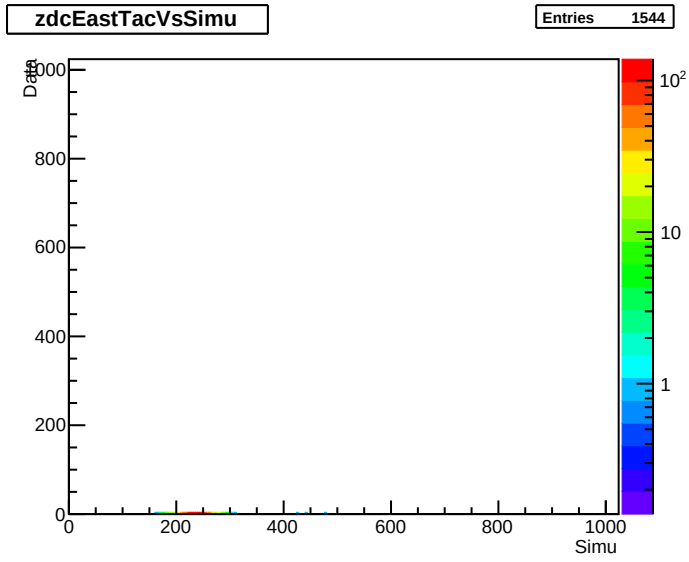

vpdWestNHits
Entries 38943

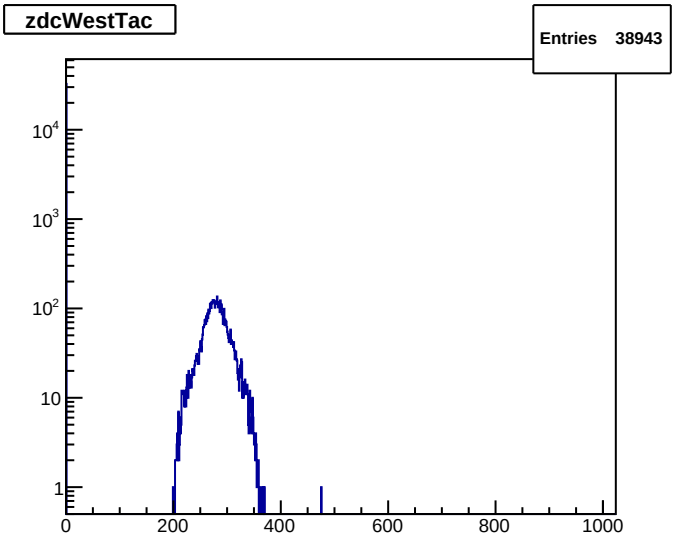

vpdWestNHitsVsSimu
Entries 27787

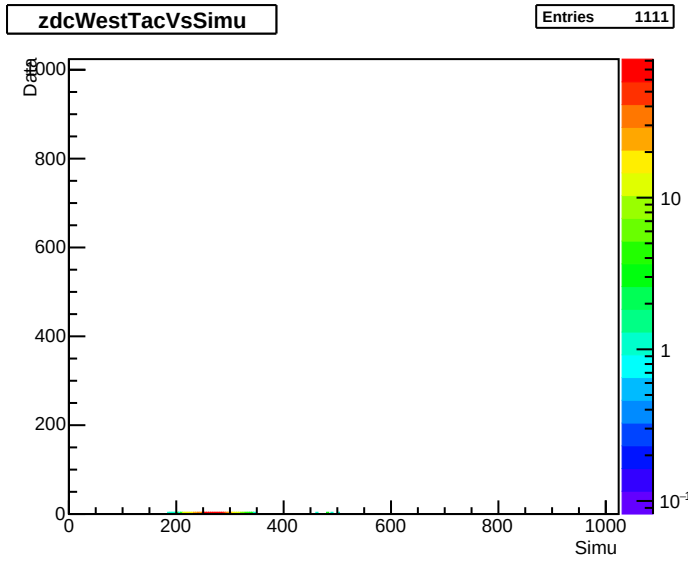

vpdWestTacSum
Entries 38943

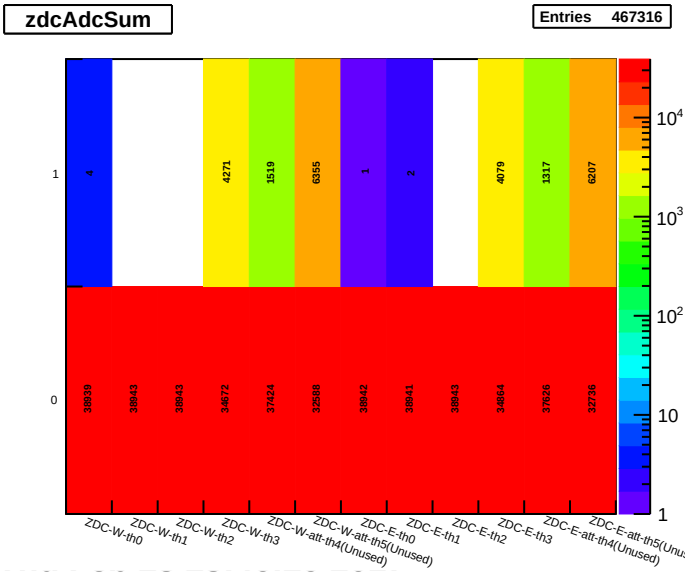

vpdWestTacSumVsSimu
Entries 24186
Data
Simu

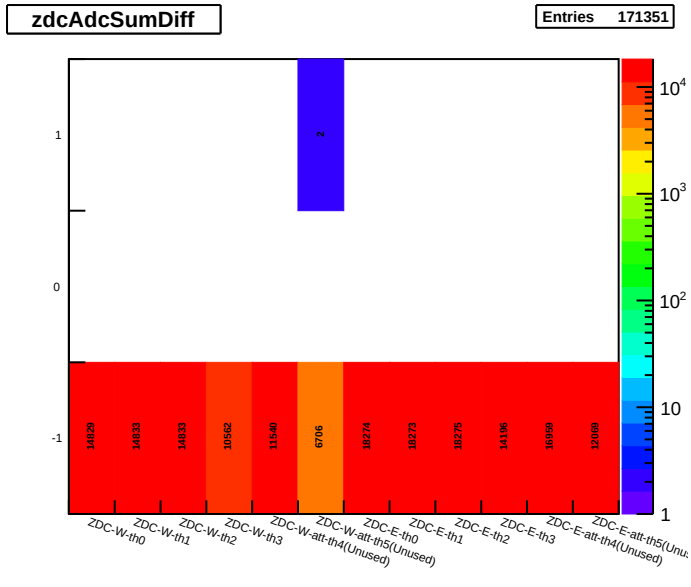

zdcEastTac
Entries 38943

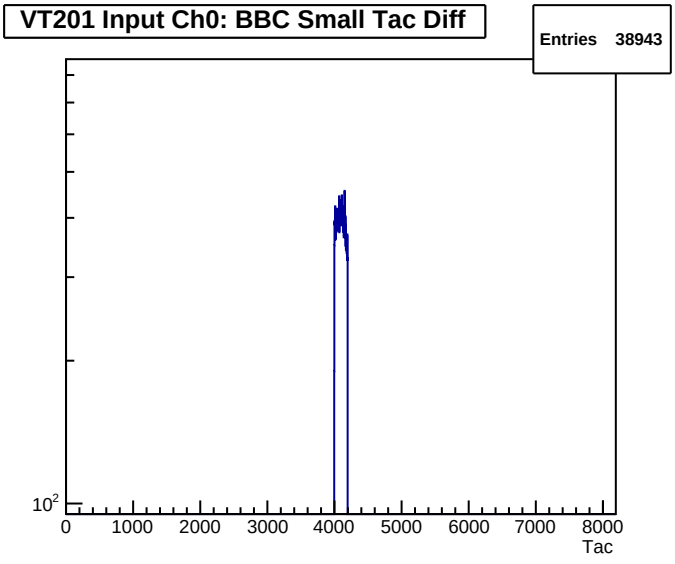

zdcEastTacVsSimu
Entries 1544
Data
Simu

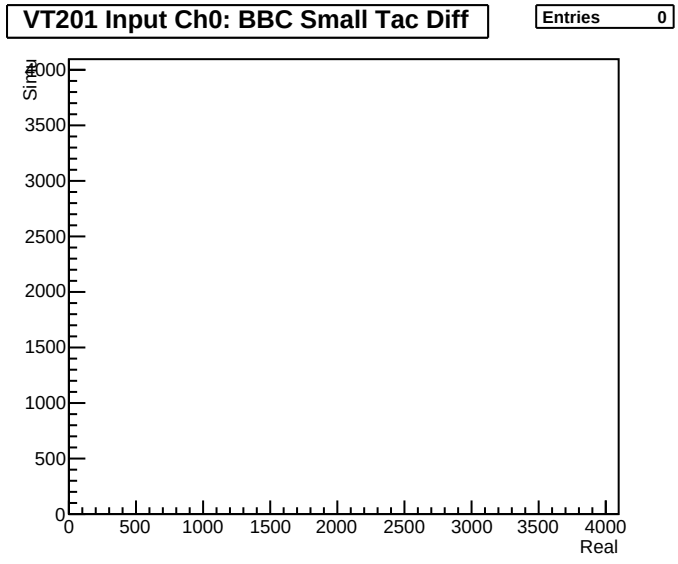

zdcWestTac
Entries 38943

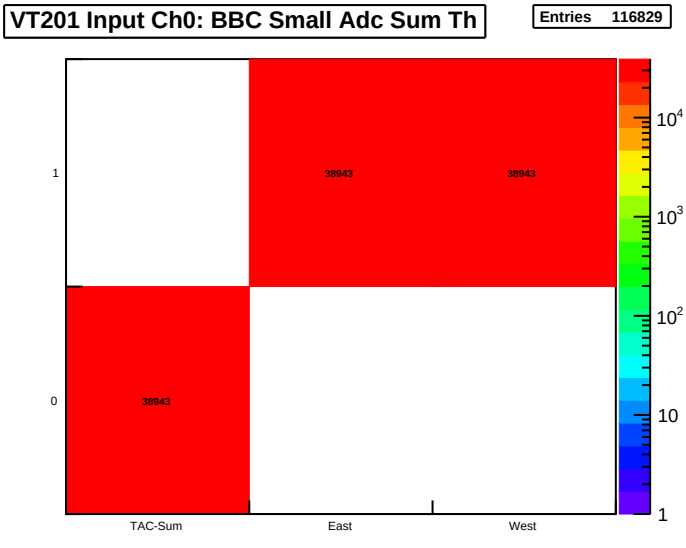

zdcWestTacVsSimu
Entries 1111
Data
Simu

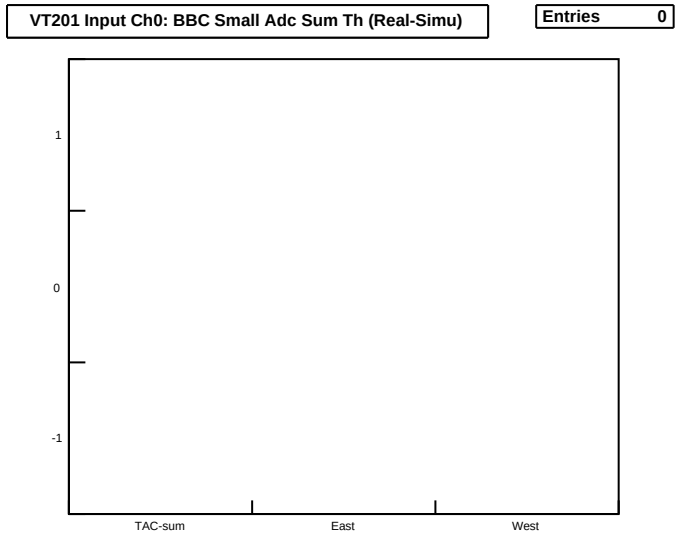

zdcAdcSum
Entries 467316
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

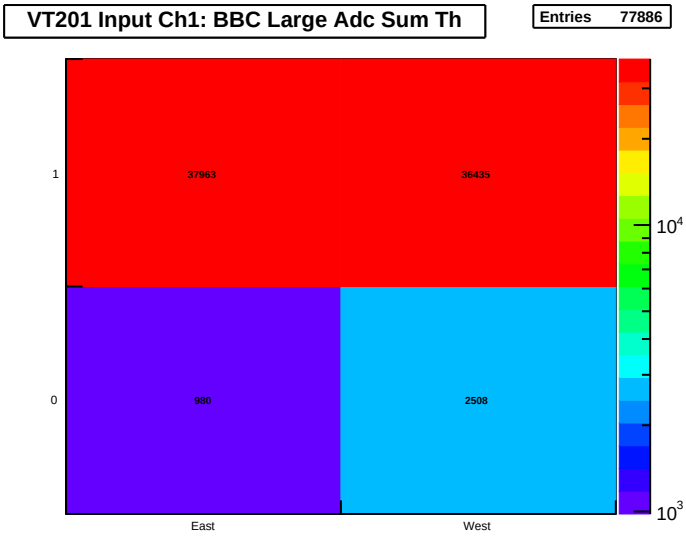

zdcAdcSumDiff
Entries 171351
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

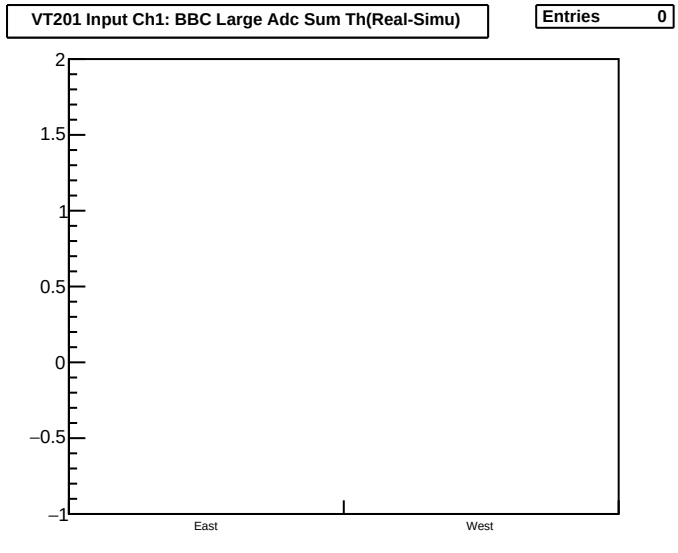

VT201 Input Ch0: BBC Small Tac Diff
Entries 38943
$10^2$
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
0 500 1000 1500 2000 2500 3000 3500 4000
Real

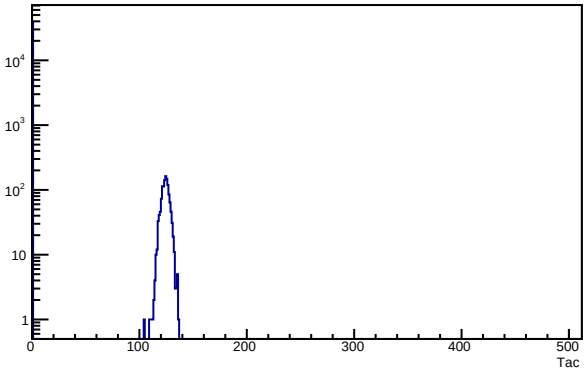

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 116829
1
0
38943
38943
38943
TAC-Sum
East
West
$10^4$
$10^3$
$10^2$
10
1


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
1
0
-1
TAC-sum
East
West

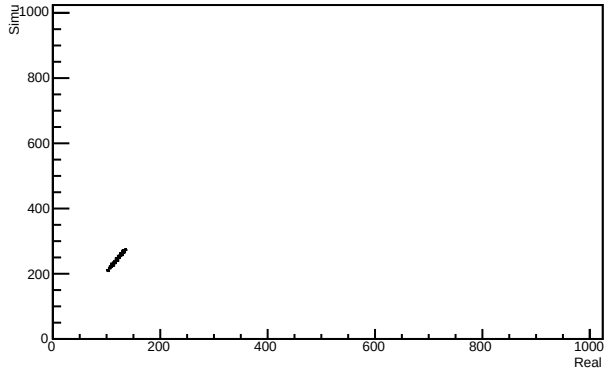

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 77886
1
0
37963
36435
980
2508
East
West
$10^4$
$10^3$


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
2
1.5
1
0.5
0
−0.5
−1
East
West

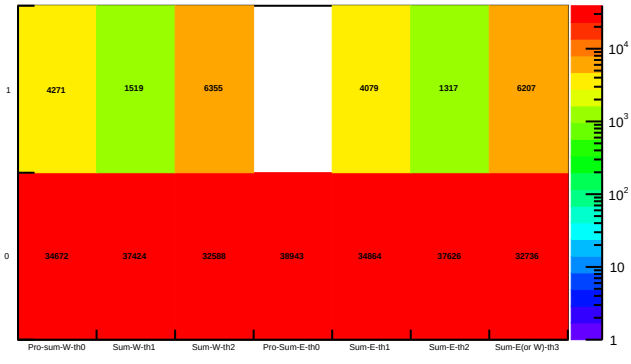
**VT201 Input Ch2: ZDC Tac Diff**



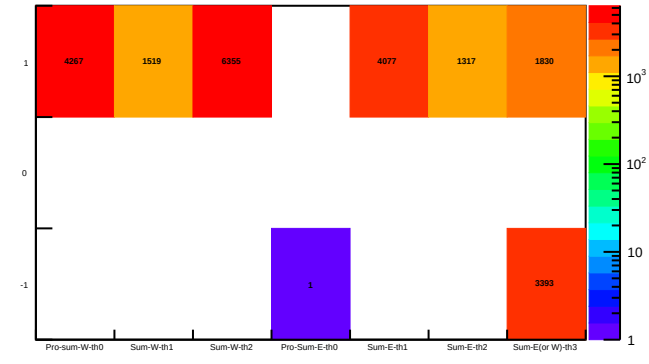

**VT201 Input Ch2: ZDC Tac Diff**



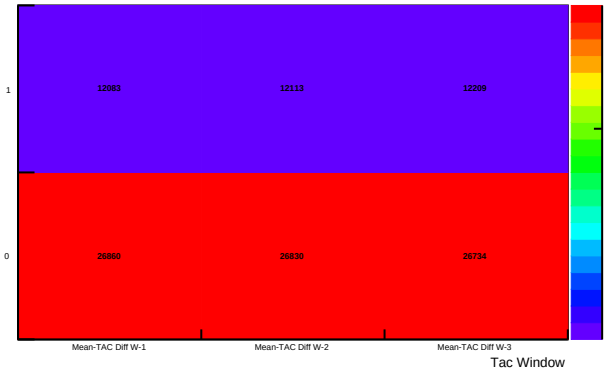

**VT201 Input Ch2: ZDC Adc Sum Th**



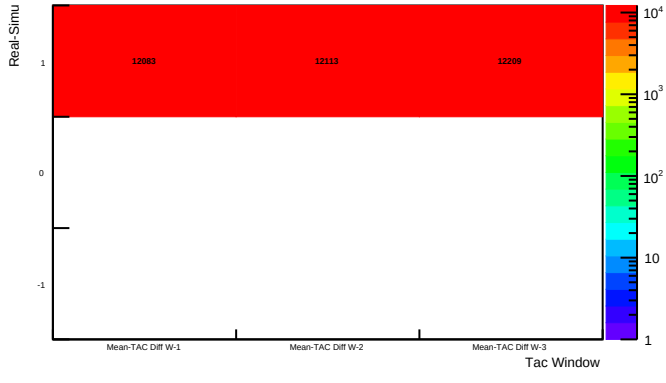

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



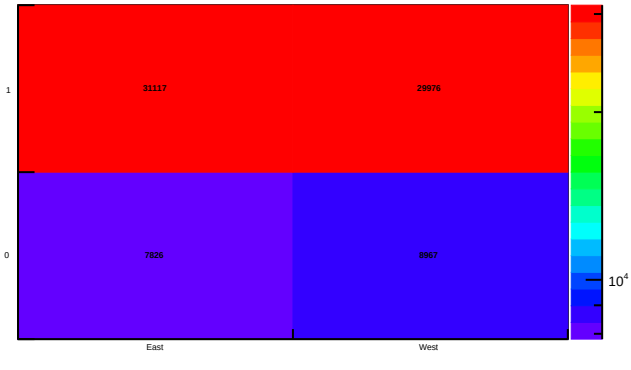

**VT201 Input Ch4: VPD Tac Diff**



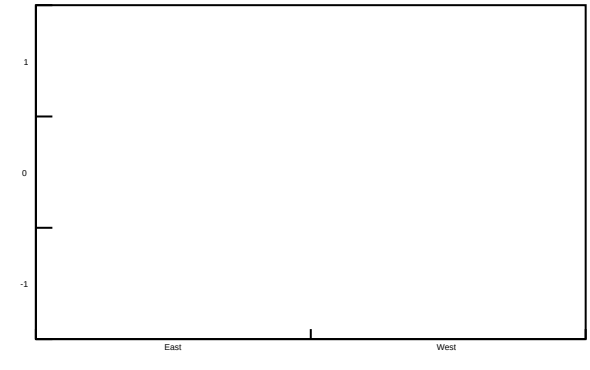

**VT201 Input Ch4: VPD Tac Diff**

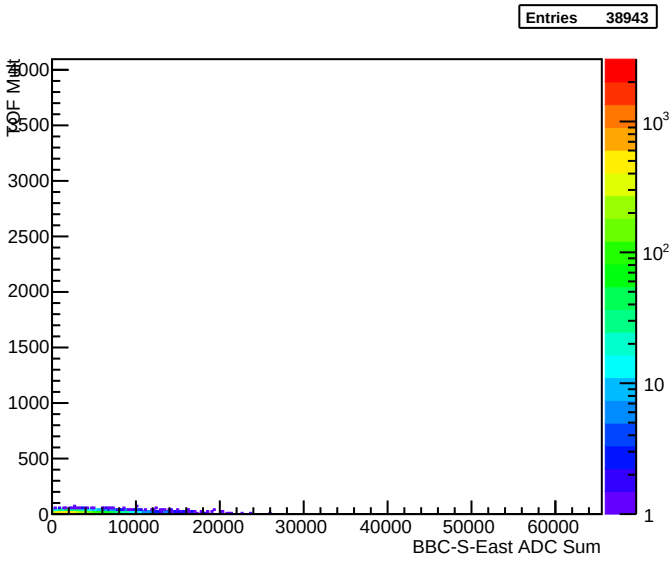


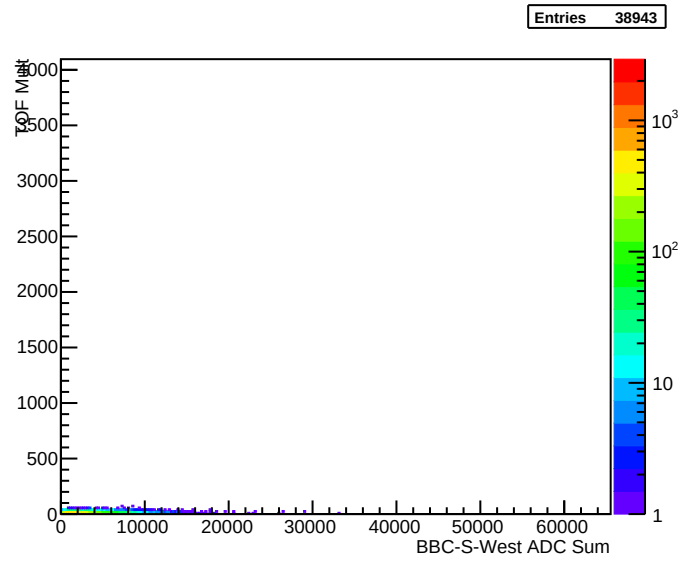

**VT201 Input Ch4: VPD Adc Sum Th**

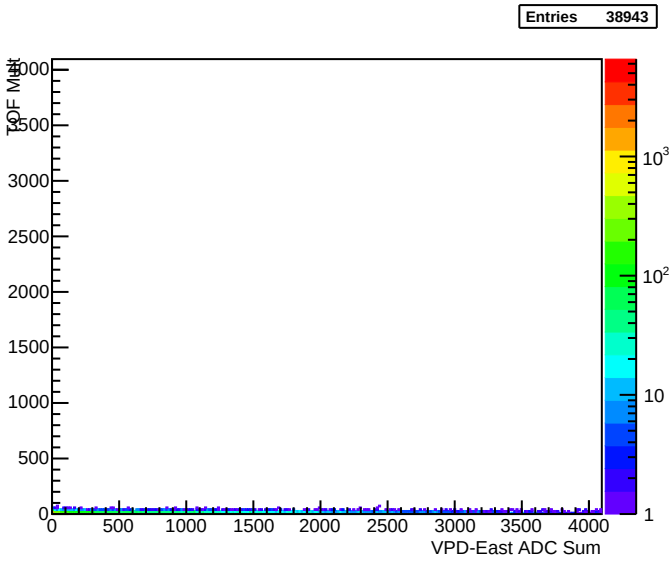


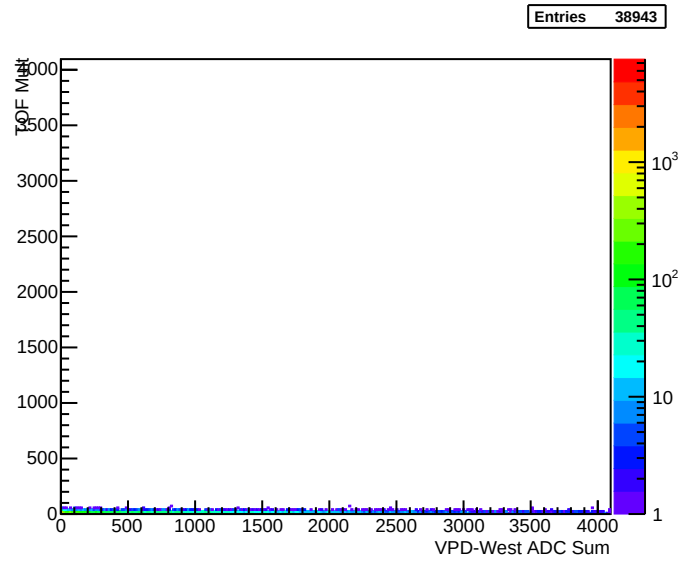

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

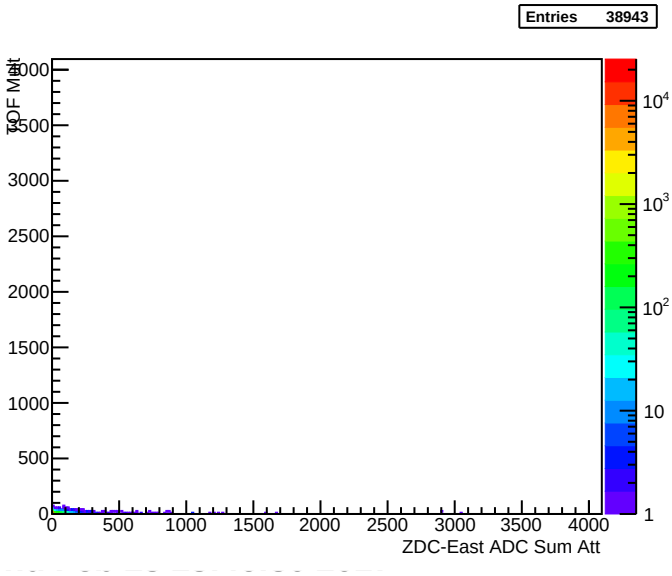


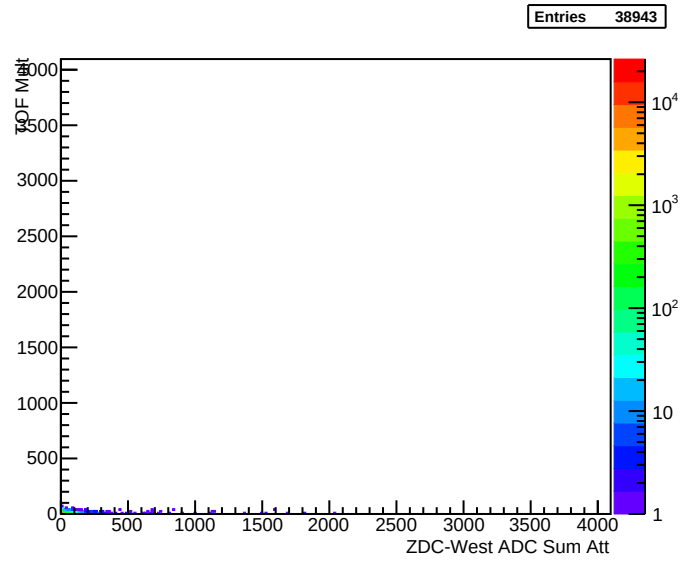

Entries 38943
TOF Mult
BBC-S-East ADC Sum

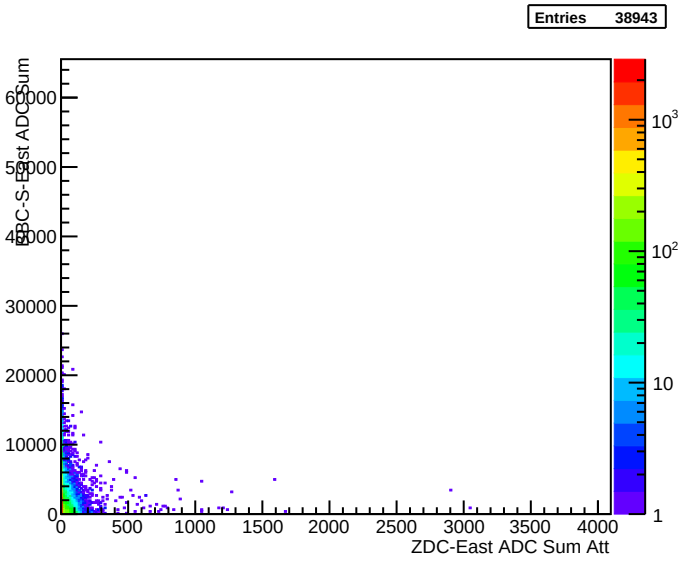

Entries 38943
TOF Mult
BBC-S-West ADC Sum

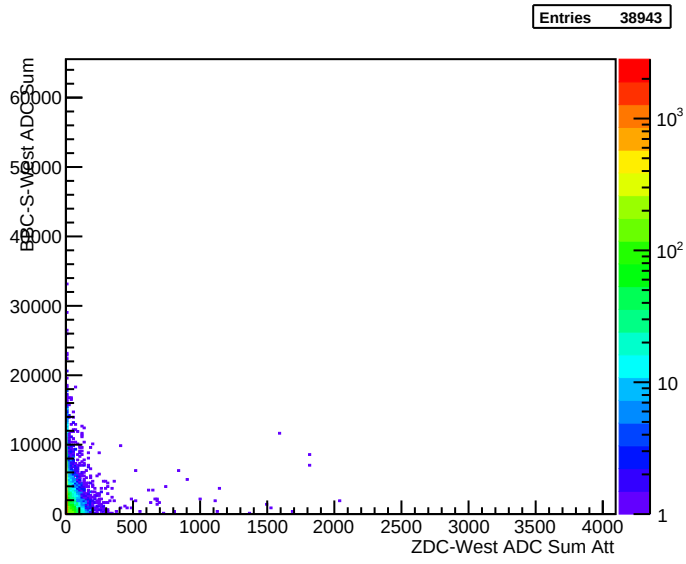

Entries 38943
TOF Mult
VPD-East ADC Sum

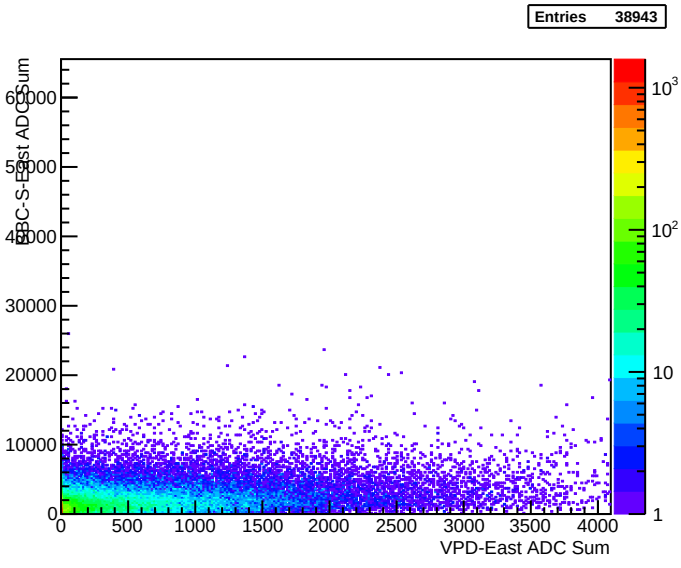

Entries 38943
TOF Mult
VPD-West ADC Sum

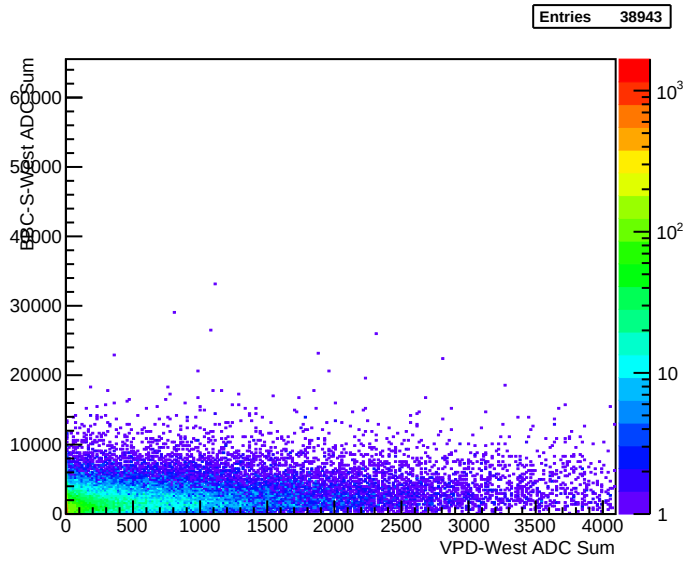

Entries 38943
TOF Mult
ZDC-East ADC Sum Att

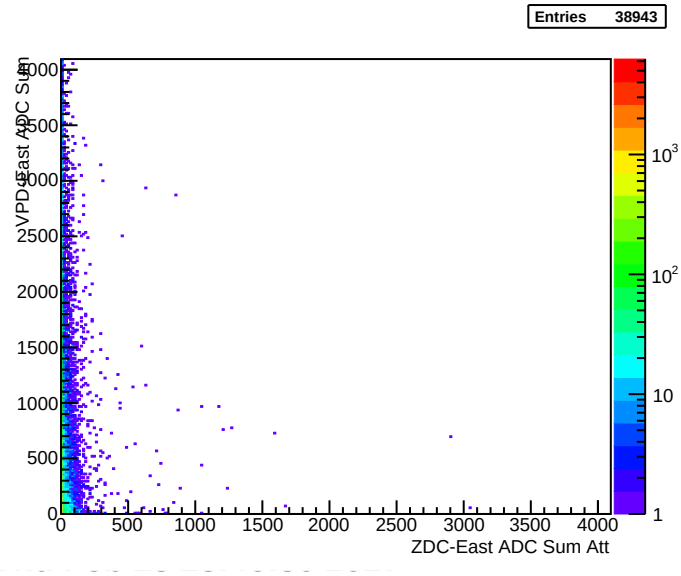

Entries 38943
TOF Mult
ZDC-West ADC Sum Att

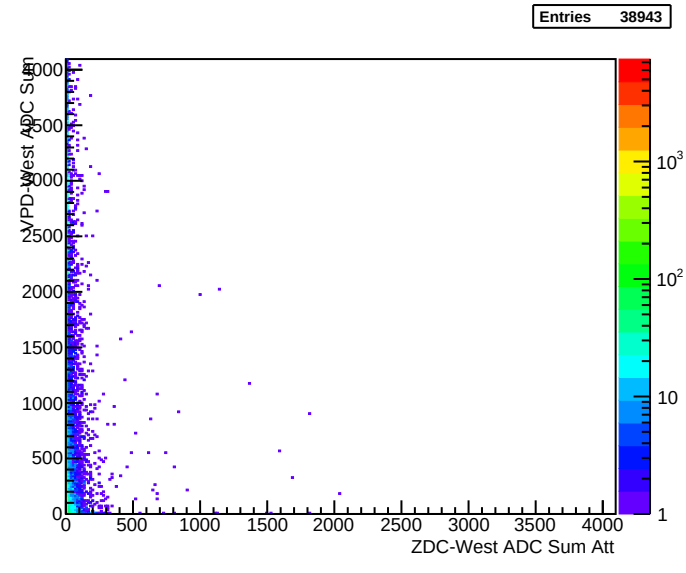

Entries 38943
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

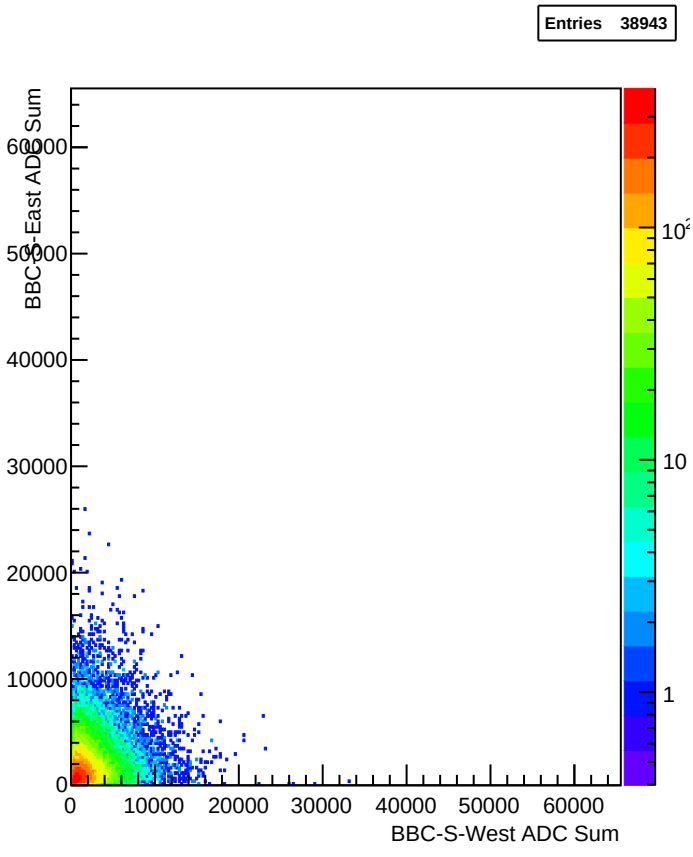

Entries 38943
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

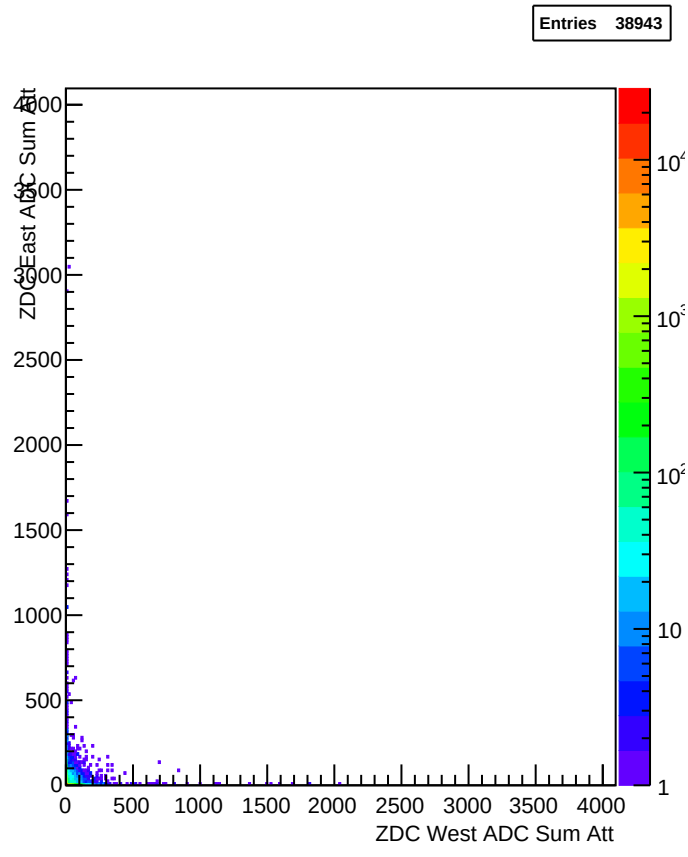

Entries 38943
BBC-S-East ADC Sum
VPD-East ADC Sum

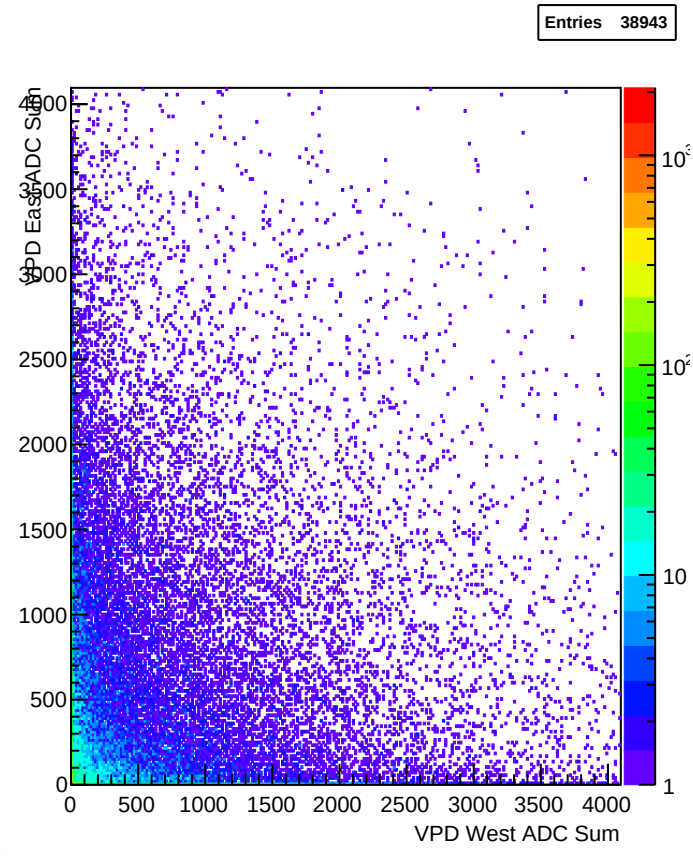

Entries 38943
BBC-S-West ADC Sum
VPD-West ADC Sum

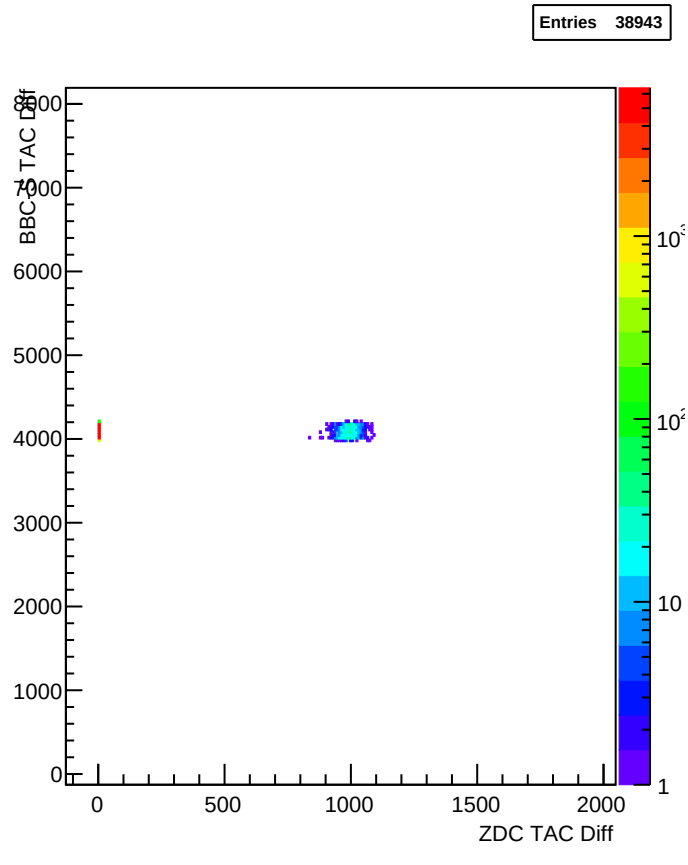

Entries 38943
VPD-East ADC Sum
ZDC-East ADC Sum Att

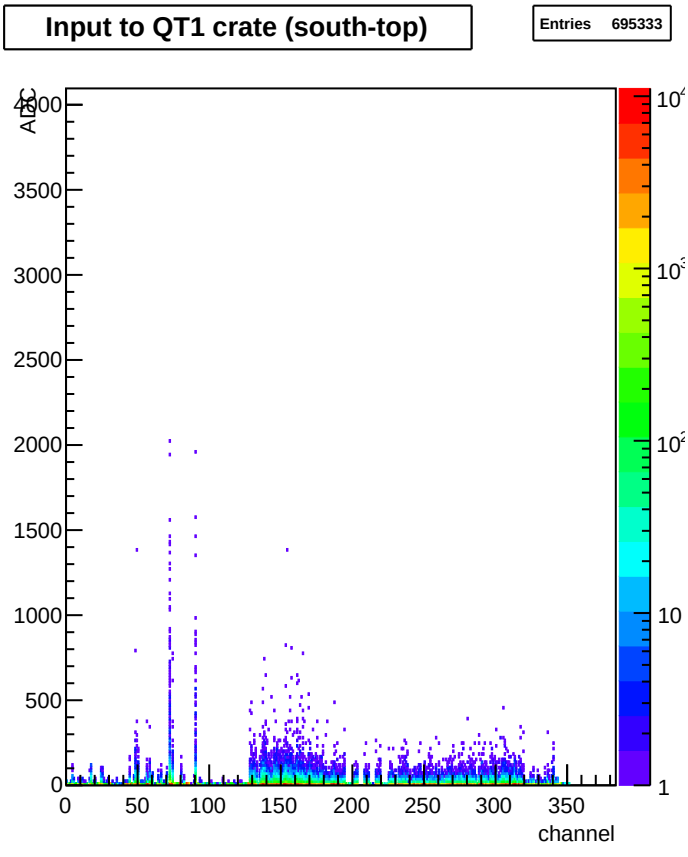

Entries 38943
VPD-West ADC Sum
ZDC-West ADC Sum Att

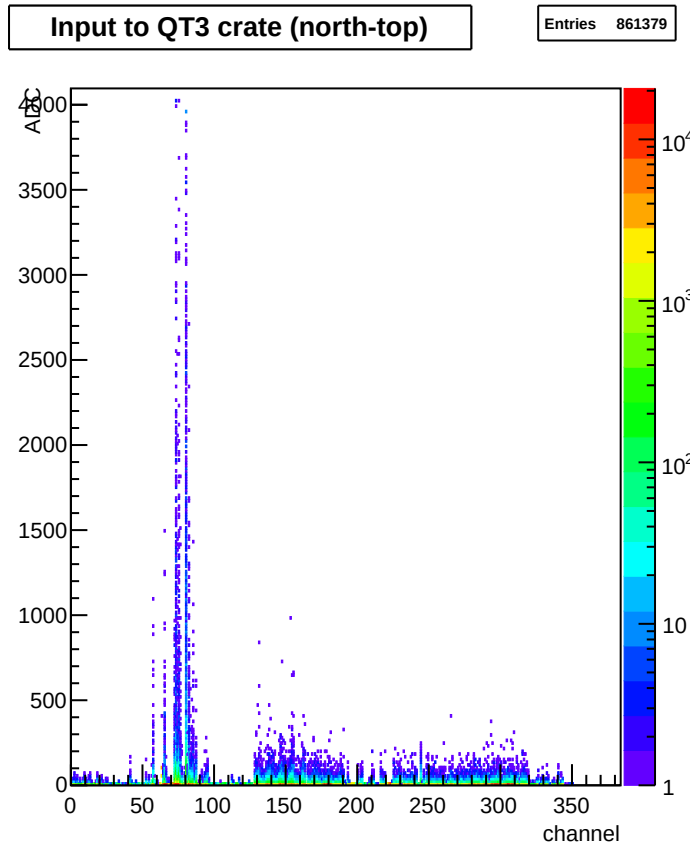

Entries 38943
BBC-S-East ADC Sum
BBC-S-West ADC Sum

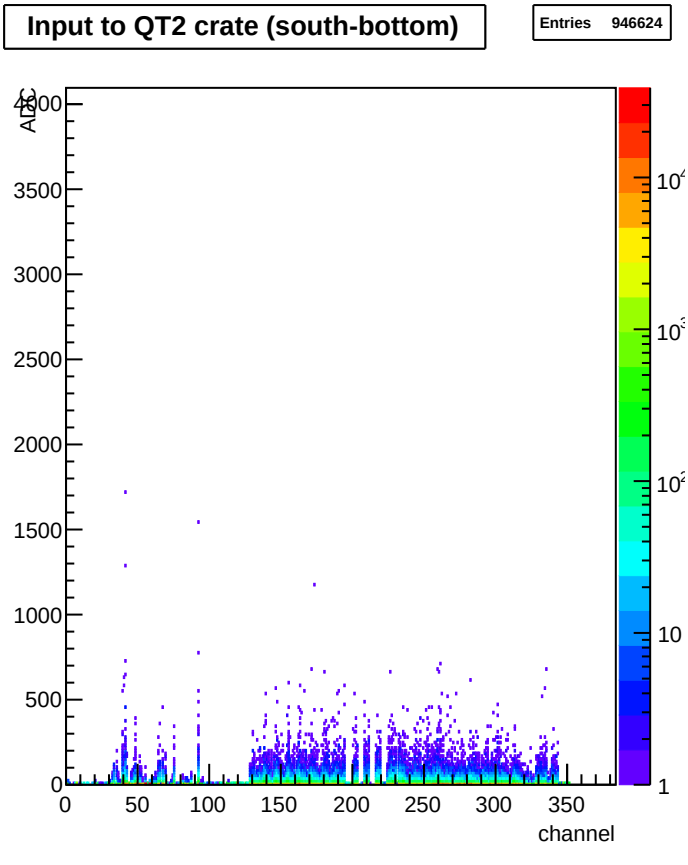

Entries 38943
ZDC East ADC Sum Att
ZDC West ADC Sum Att

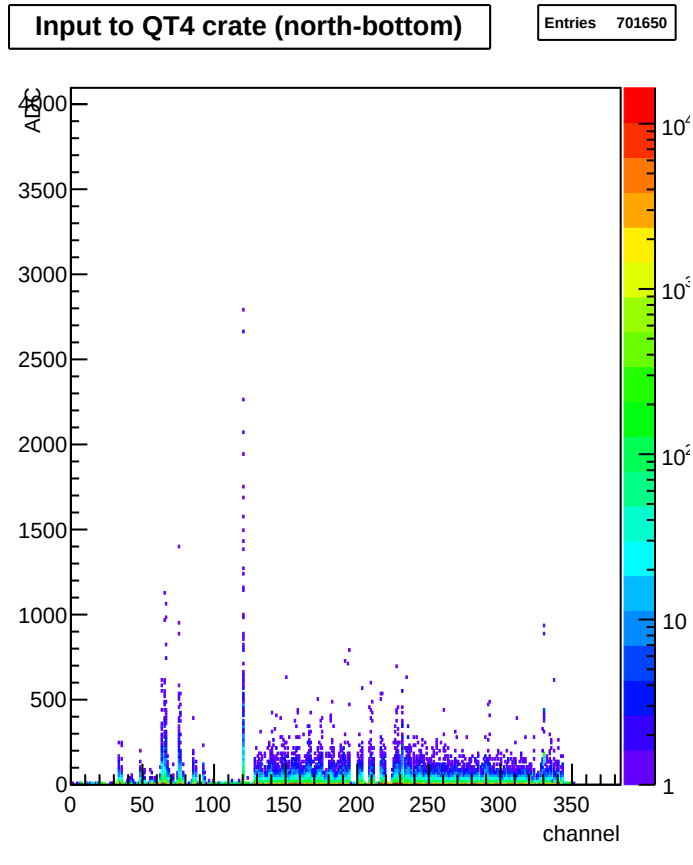

Entries 38943
VPD East ADC Sum
VPD West ADC Sum

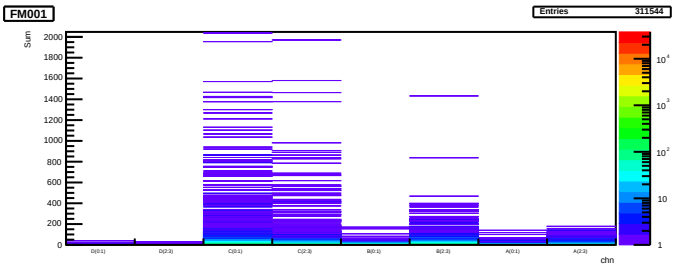

Entries 38943
BBC-S TAC Diff
ZDC TAC Diff

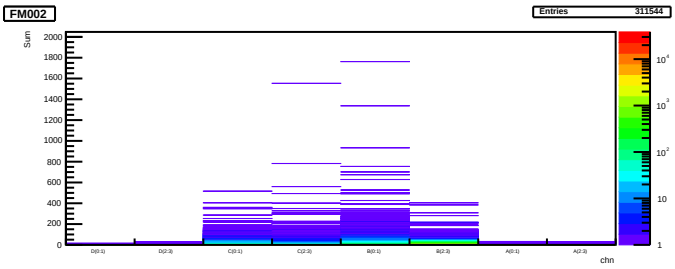

Input to QT1 crate (south-top)
Entries 695333
ADC
channel

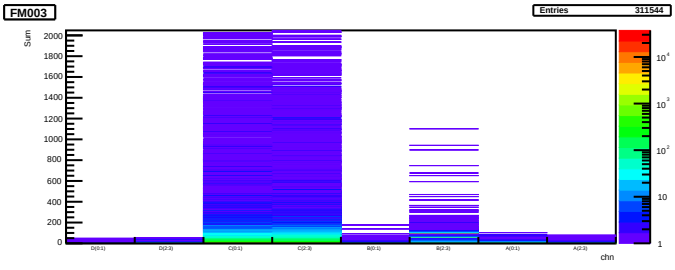

Input to QT3 crate (north-top)
Entries 861379
ADC
channel

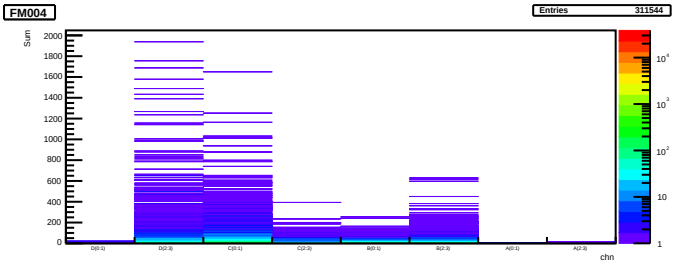

Input to QT2 crate (south-bottom)
Entries 946624
ADC
channel

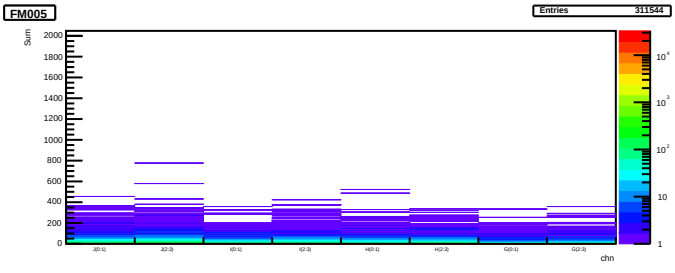

Input to QT4 crate (north-bottom)
Entries 701650
ADC
channel

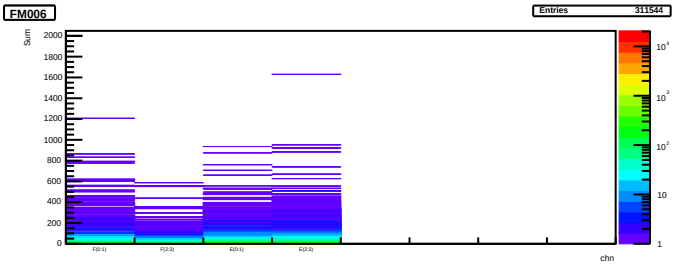

FM001
Entries 311544
Sum
chn

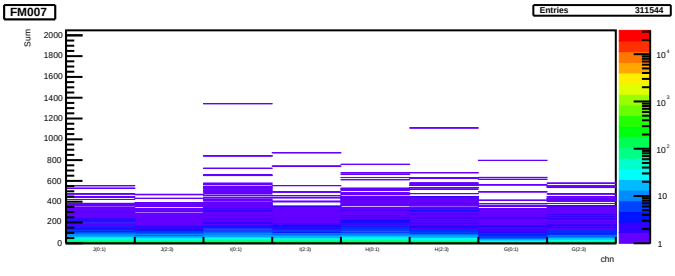

FM002
Entries 311544
Sum
chn

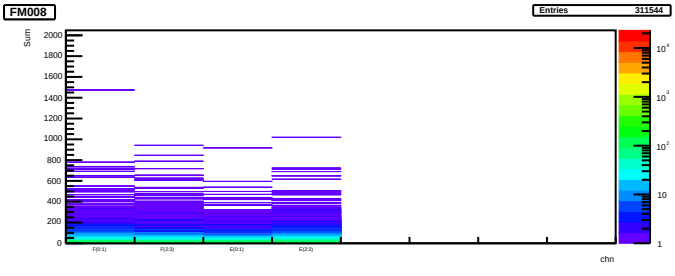

FM003
Entries 311544
Sum
chn

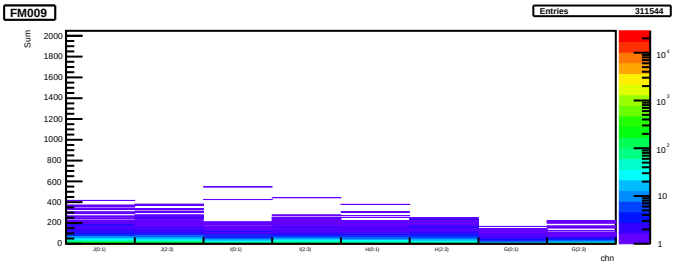

FM004
Entries 311544
Sum
chn

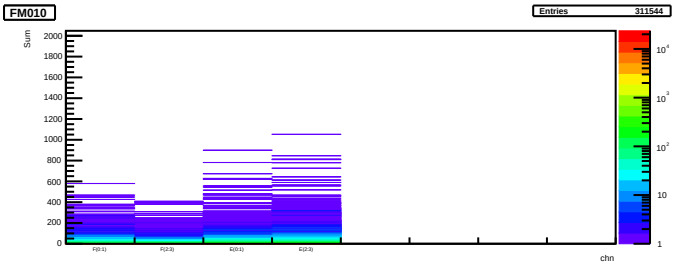

FM005
Entries 311544
Sum
chn

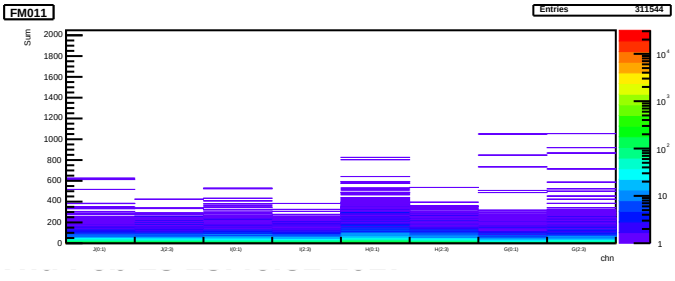

FM006
Entries 311544
Sum
chn

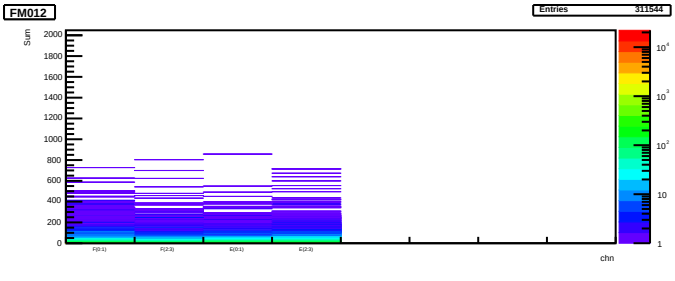

FM007
Entries 311544
Sum
chn

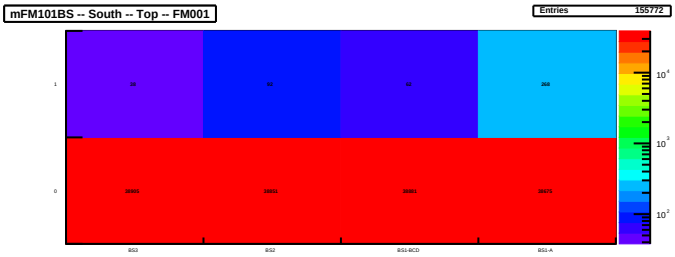

FM008
Entries 311544
Sum
chn

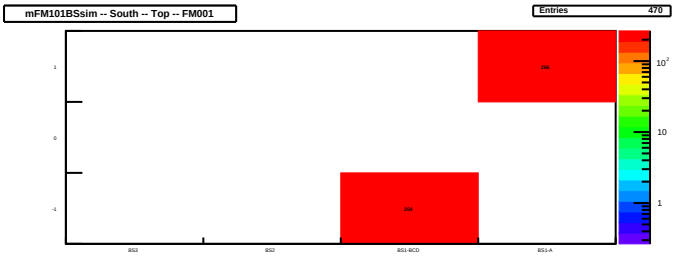

FM009
Entries 311544
Sum
chn

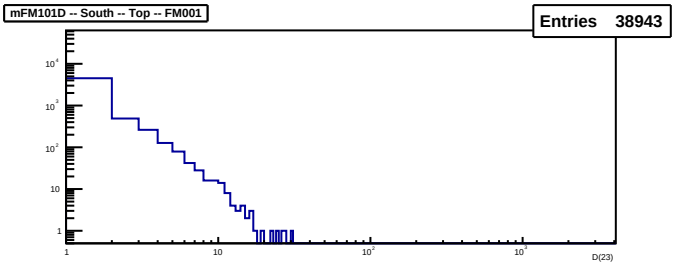

FM010
Entries 311544
Sum
chn

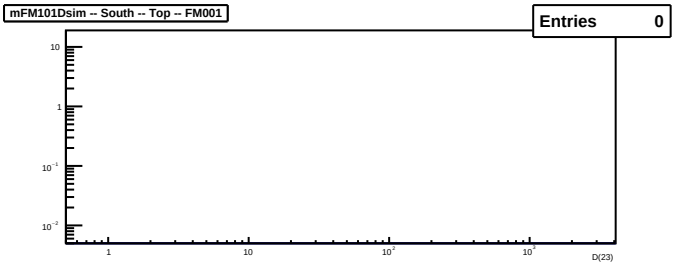

FM011
Entries 311544
Sum
chn

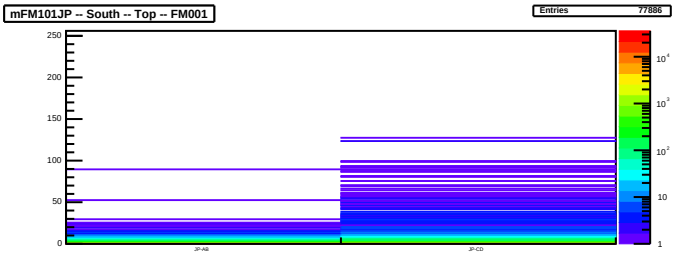

FM012
Entries 311544
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 155772

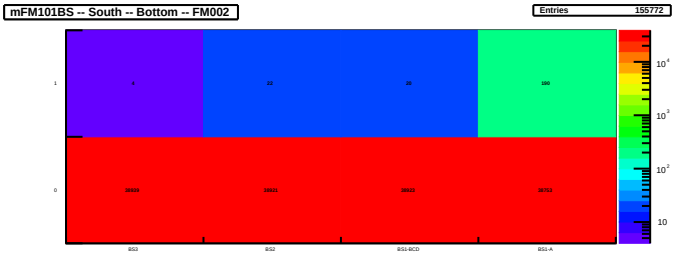

mFM101BSsim -- South -- Top -- FM001
Entries 470

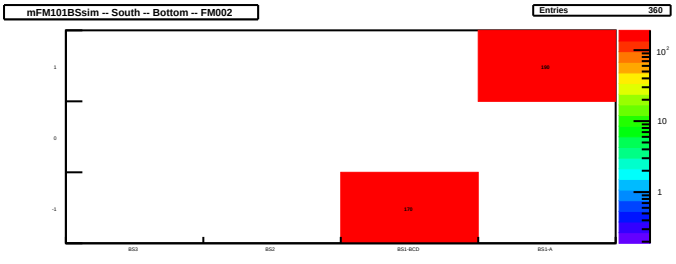

mFM101D -- South -- Top -- FM001
Entries 38943
D(23)

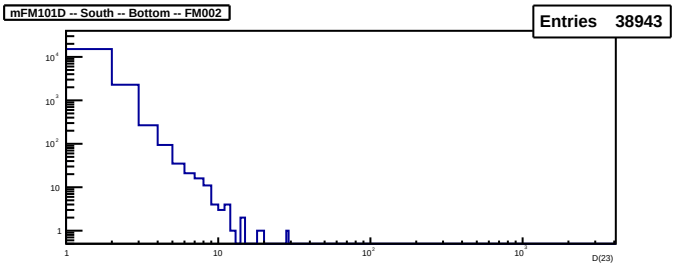

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

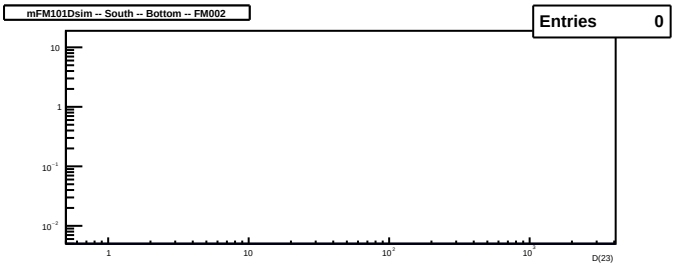

mFM101JP -- South -- Top -- FM001
Entries 77886

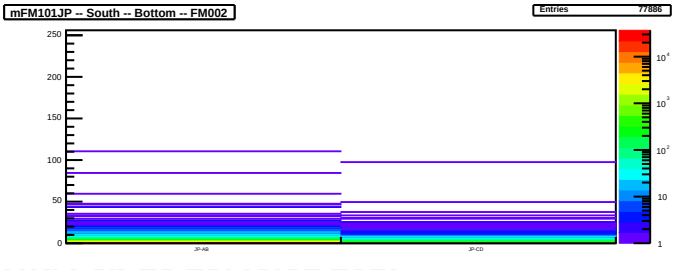
mFM101JPsim -- South -- Top -- FM001
Entries 0

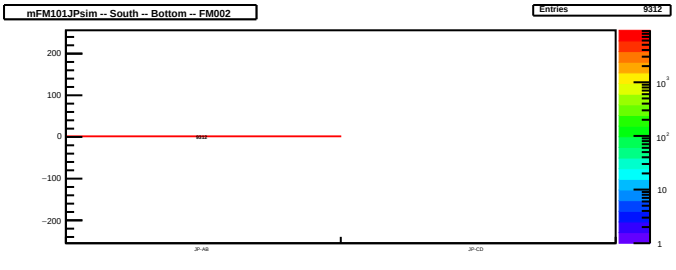

mFM101BS -- South -- Bottom -- FM002
Entries 155772

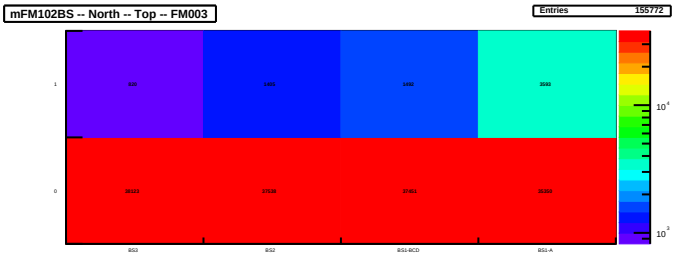

mFM101BSsim -- South -- Bottom -- FM002
Entries 360

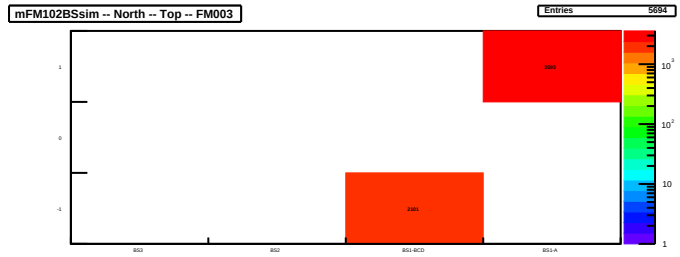

mFM101D -- South -- Bottom -- FM002
Entries 38943
D(23)

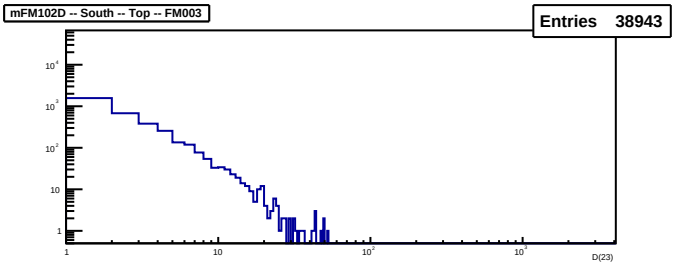

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

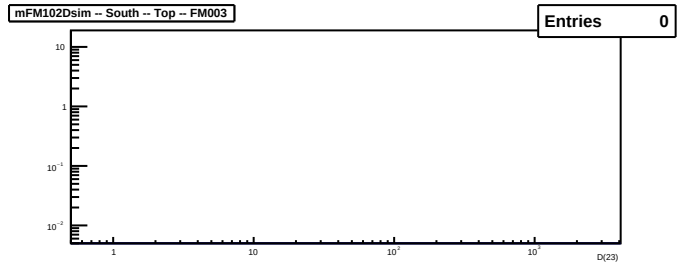

mFM101JP -- South -- Bottom -- FM002
Entries 77886

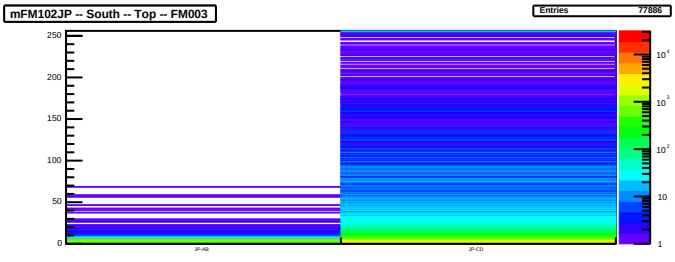

mFM101JPsim -- South -- Bottom -- FM002
Entries 9312

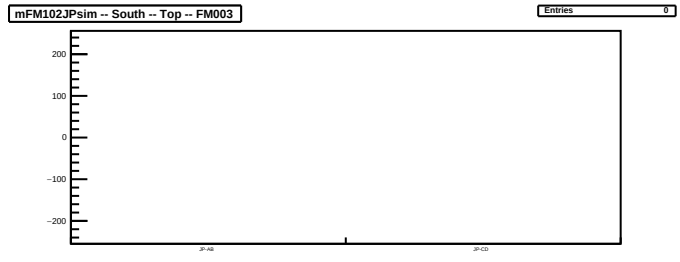

mFM102BS -- North -- Top -- FM003
Entries 155772
BS3
BS2
BS1-BCD
BS1-A

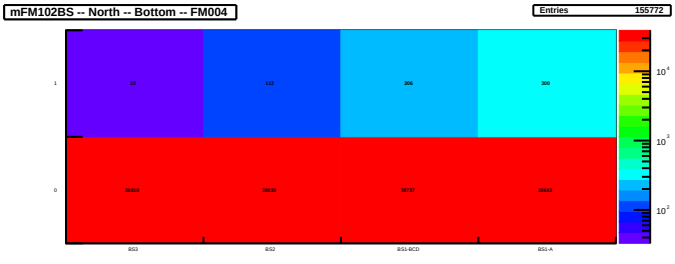

mFM102BSsim -- North -- Top -- FM003
Entries 5694
BS3
BS2
BS1-BCD
BS1-A

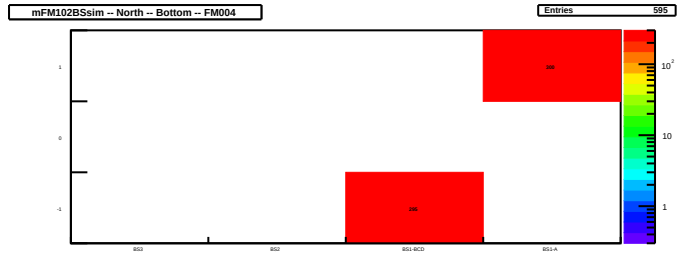

mFM102D -- South -- Top -- FM003
Entries 38943
D(23)

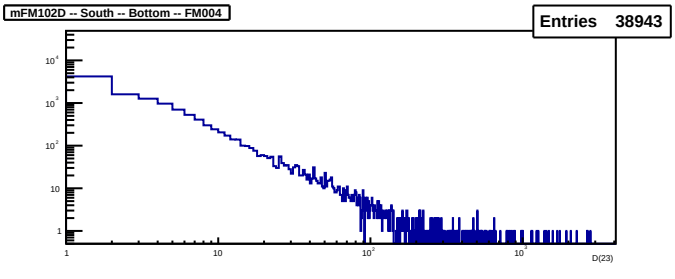

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

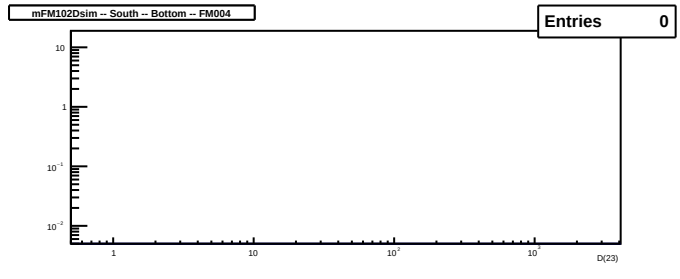

mFM102JP -- South -- Top -- FM003
Entries 77886
JP-AB
JP-CD

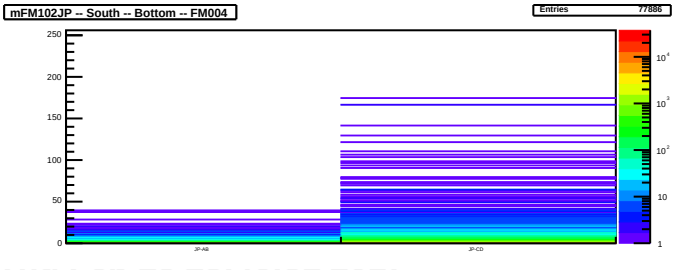

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

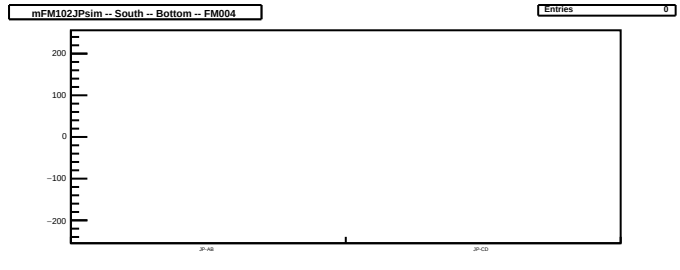

mFM102BS -- North -- Bottom -- FM004
Entries 155772
BS3
BS2
BS1-BCD
BS1-A

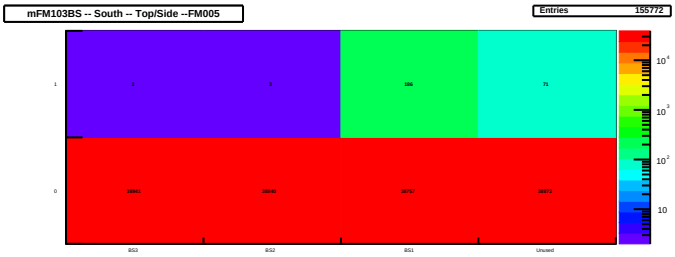

mFM102BSsim -- North -- Bottom -- FM004
Entries 595
BS3
BS2
BS1-BCD
BS1-A

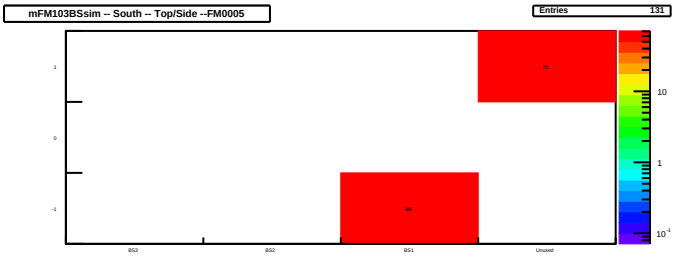

mFM102D -- South -- Bottom -- FM004
Entries 38943
D(23)

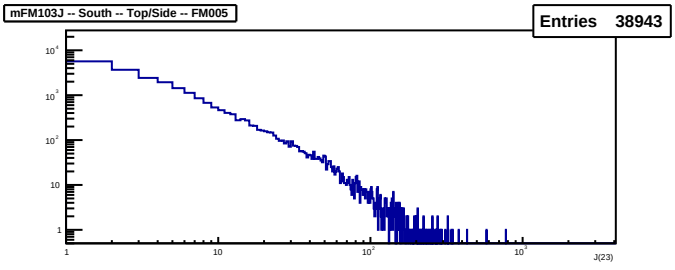

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

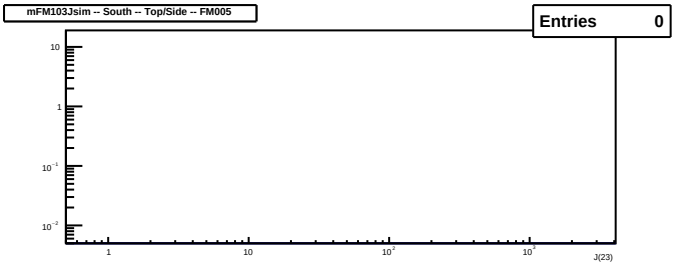

mFM102JP -- South -- Bottom -- FM004
Entries 77886
JP-AB
JP-CD

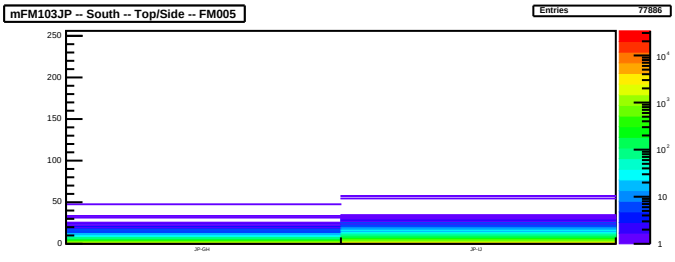

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

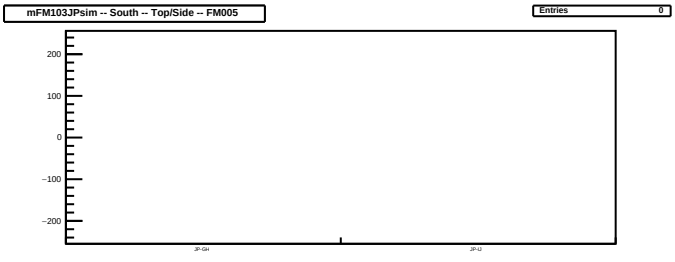

mFM103BS -- South -- Top/Side --FM005
Entries 155772
BS3
BS2
BS1
Unused

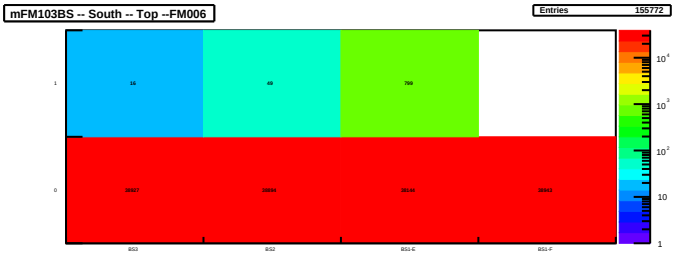

mFM103BSsim -- South -- Top/Side --FM0005
Entries 131
BS3
BS2
BS1
Unused

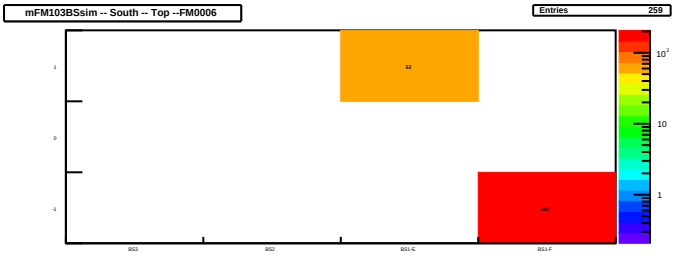

mFM103J -- South -- Top/Side -- FM005
Entries 38943
J(23)

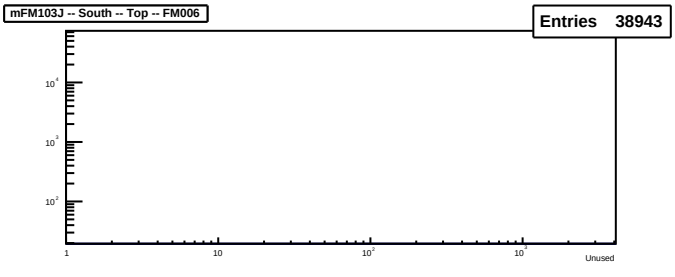

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

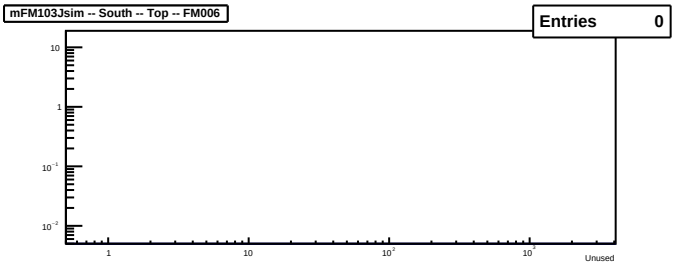

mFM103JP -- South -- Top/Side -- FM005
Entries 77886
JP-GH
JP-IJ

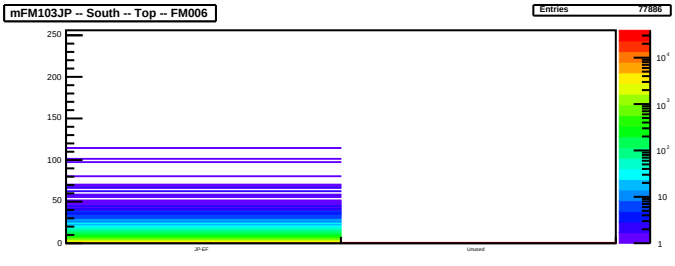

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

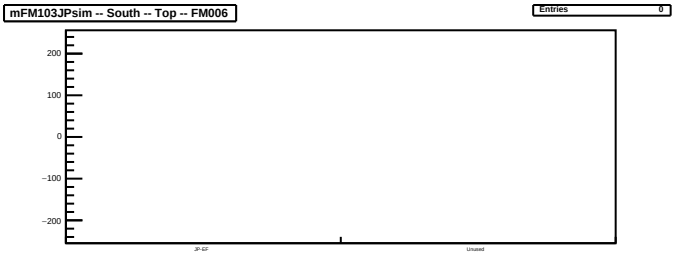

mFM103BS -- South -- Top --FM006
Entries 155772
BS3
BS2
BS1-E
BS1-F

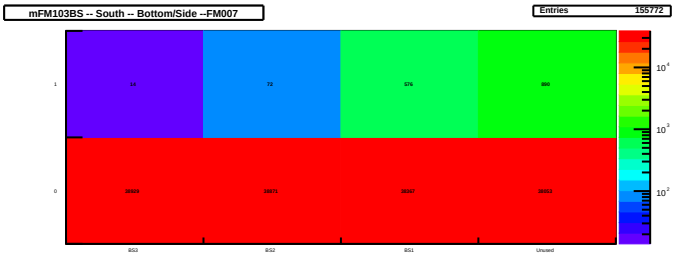

mFM103BSsim -- South -- Top --FM0006
Entries 259
BS3
BS2
BS1-E
BS1-F

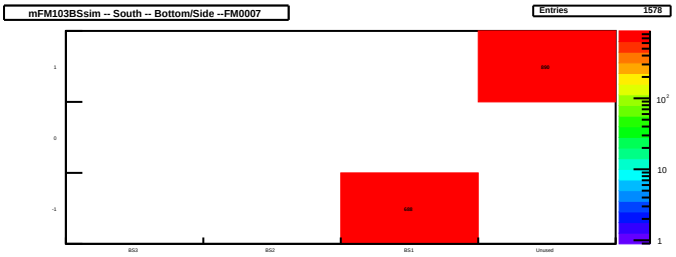

mFM103J -- South -- Top -- FM006
Entries 38943
Unused

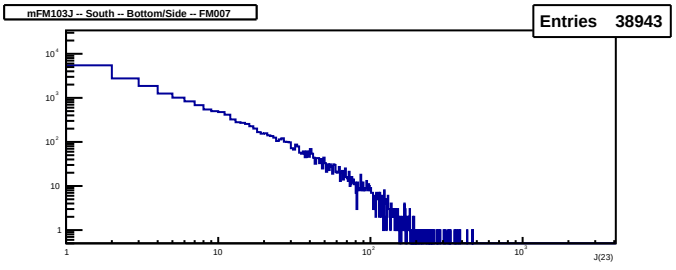

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

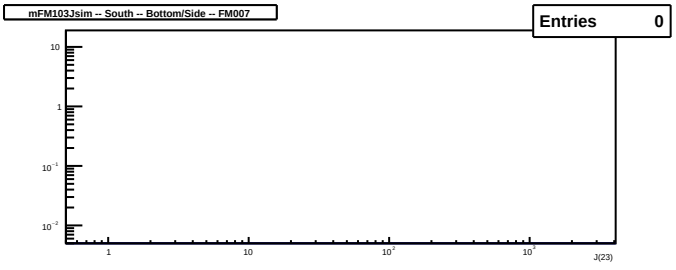

mFM103JP -- South -- Top -- FM006
Entries 77886
JP-EF
Unused

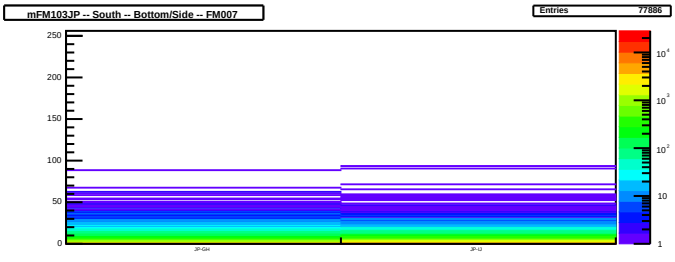

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

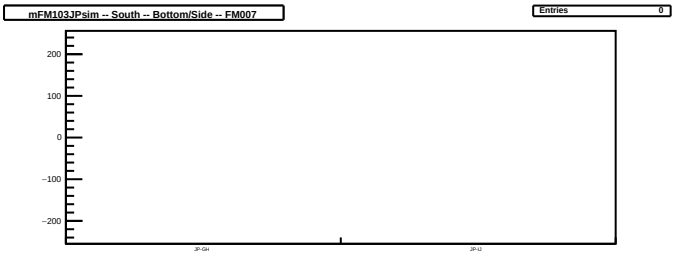

mFM103BS -- South -- Bottom/Side --FM007
Entries 155772
14
72
576
890
38929
38871
38267
38053
BS3
BS2
BS1
Unused

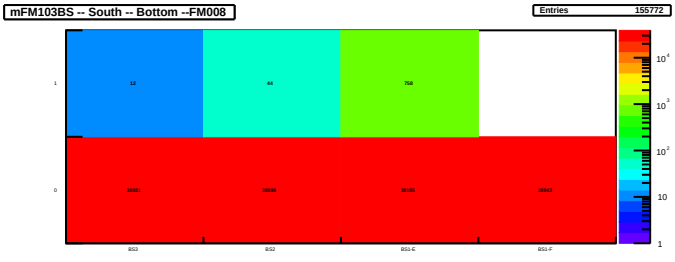

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1578
890
688
BS3
BS2
BS1
Unused

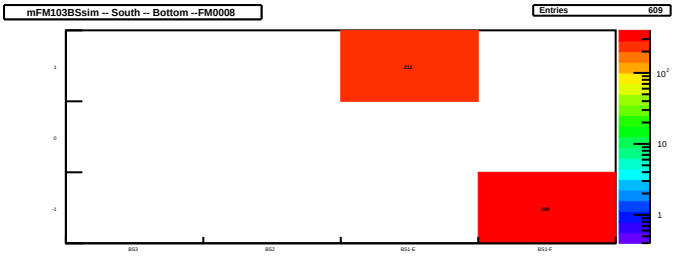

mFM103J -- South -- Bottom/Side -- FM007
Entries 38943
J(23)

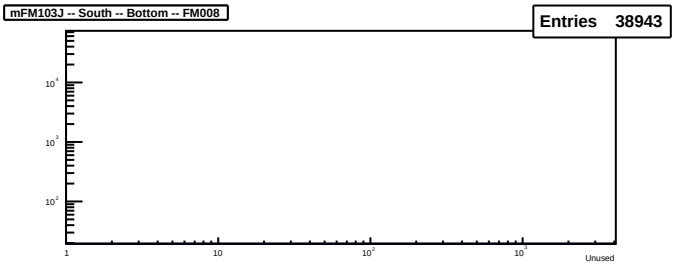

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

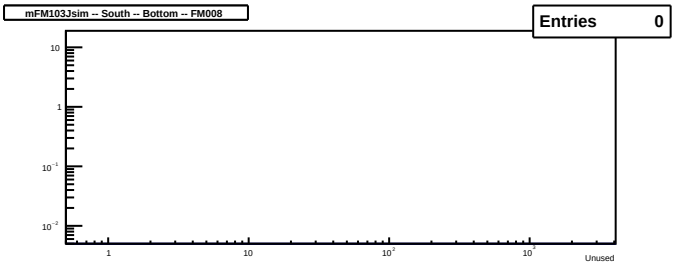

mFM103JP -- South -- Bottom/Side -- FM007
Entries 77886
JP-GH
JP-IJ

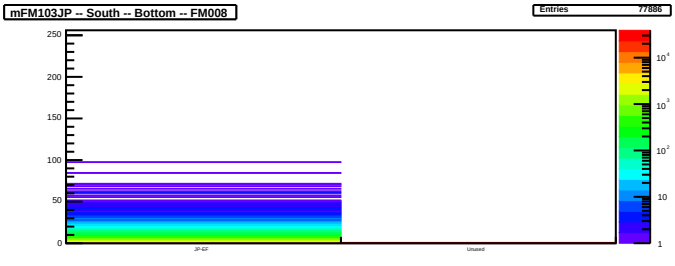

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

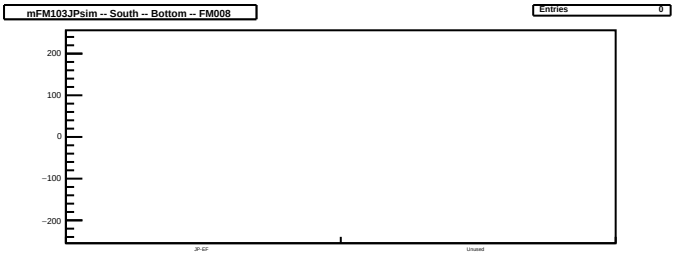

mFM103BS -- South -- Bottom --FM008
Entries 155772
12
44
758
38931
38899
38195
38943
BS3
BS2
BS1-E
BS1-F

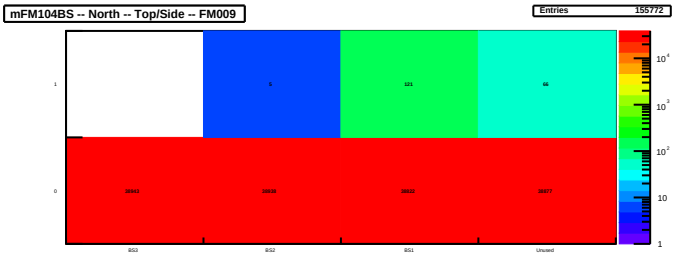

mFM103BSsim -- South -- Bottom --FM0008
Entries 609
211
398
BS3
BS2
BS1-E
BS1-F

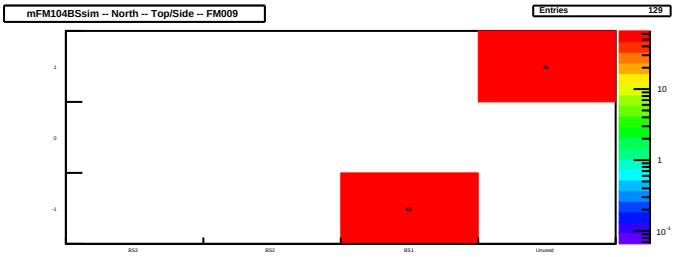

mFM103J -- South -- Bottom -- FM008
Entries 38943
Unused

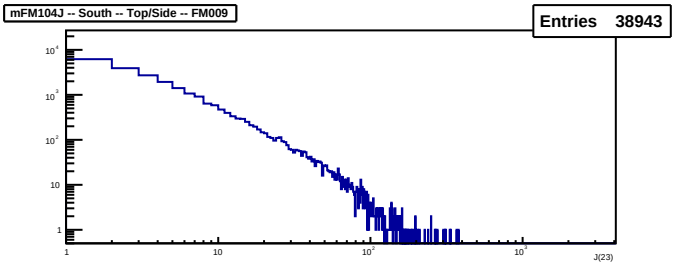

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

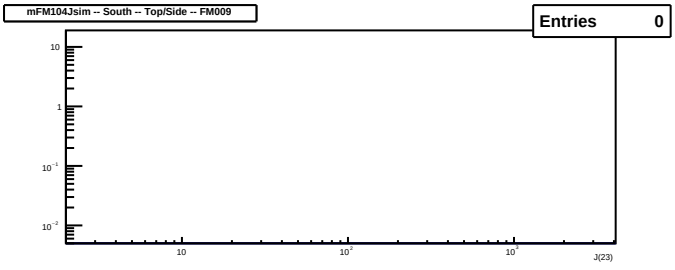

mFM103JP -- South -- Bottom -- FM008
Entries 77886
JP-EF
Unused

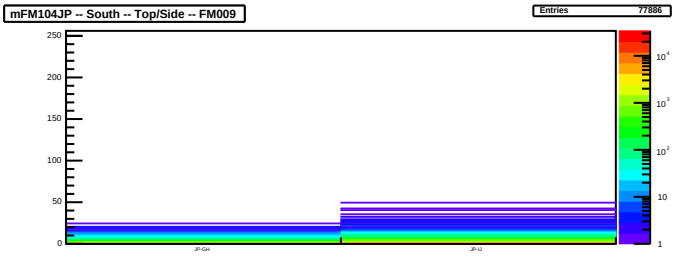

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

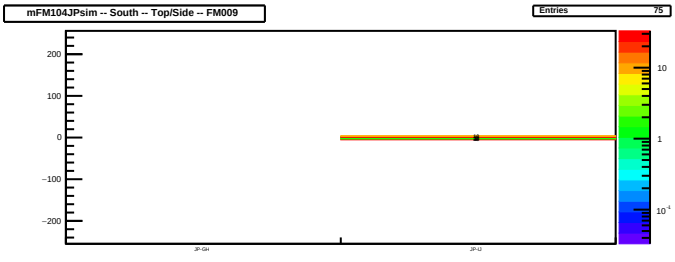

mFM104BS -- North -- Top/Side -- FM009
Entries 155772

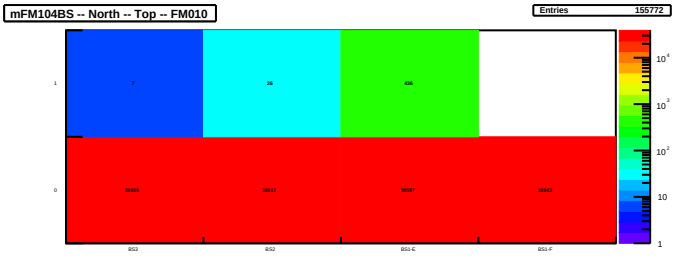

mFM104BSsim -- North -- Top/Side -- FM009
Entries 129

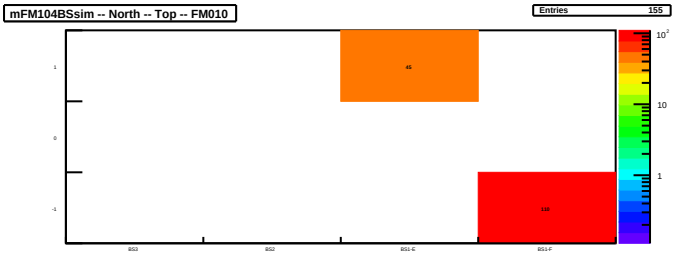

mFM104J -- South -- Top/Side -- FM009
Entries 38943
J(23)

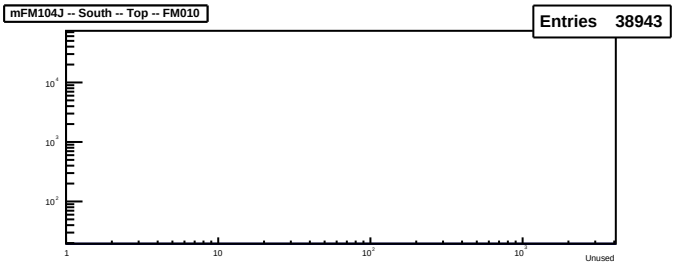

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

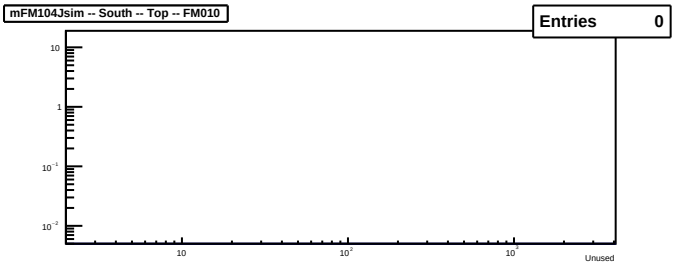

mFM104JP -- South -- Top/Side -- FM009
Entries 77886

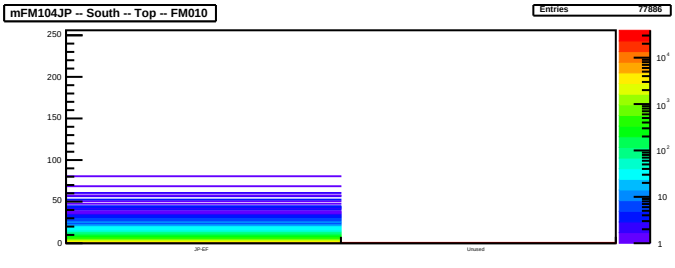

mFM104JPsim -- South -- Top/Side -- FM009
Entries 75

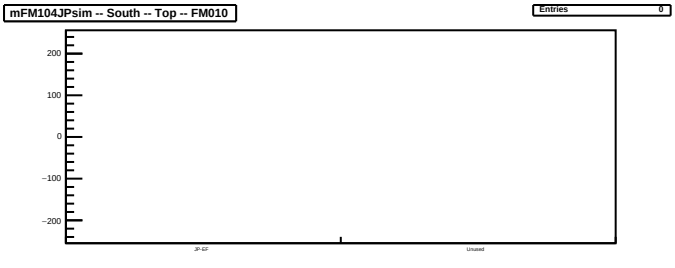

mFM104BS -- North -- Top -- FM010
Entries 155772

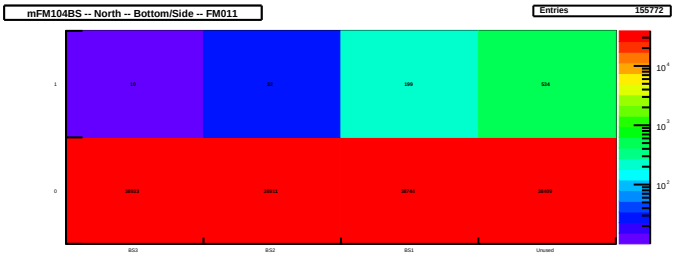

mFM104BSsim -- North -- Top -- FM010
Entries 155

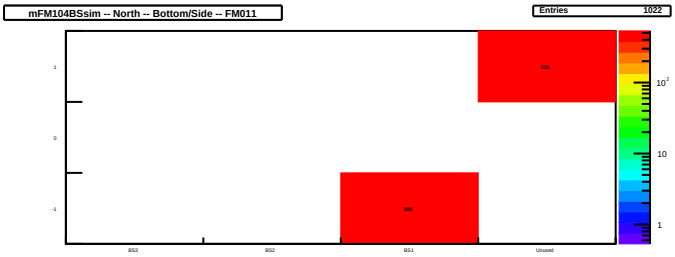

mFM104J -- South -- Top -- FM010
Entries 38943
Unused

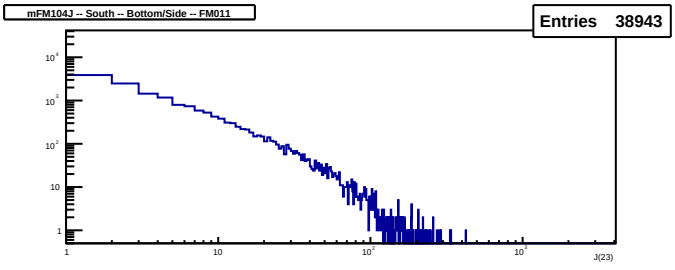

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

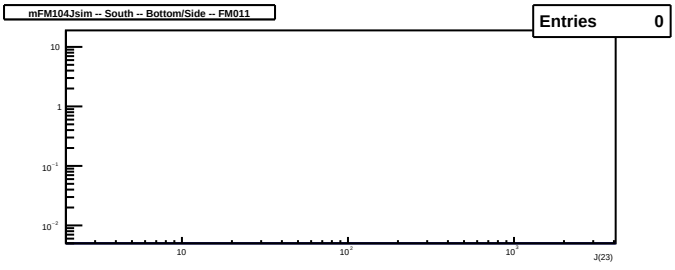

mFM104JP -- South -- Top -- FM010
Entries 77886

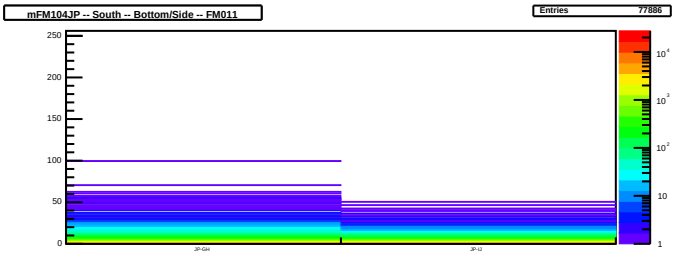

mFM104JPsim -- South -- Top -- FM010
Entries 0

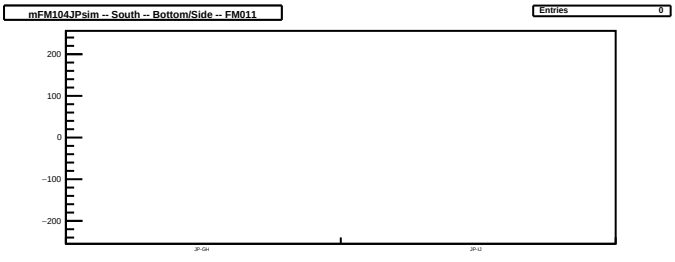

mFM104BS -- North -- Bottom/Side -- FM011
Entries 155772

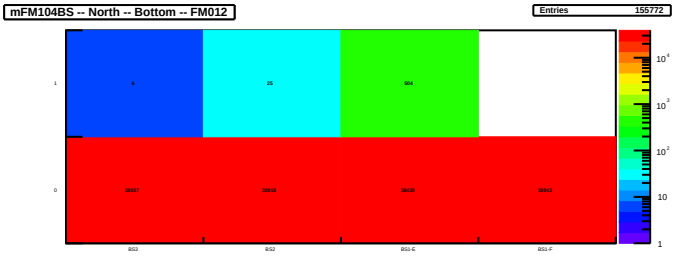

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1022

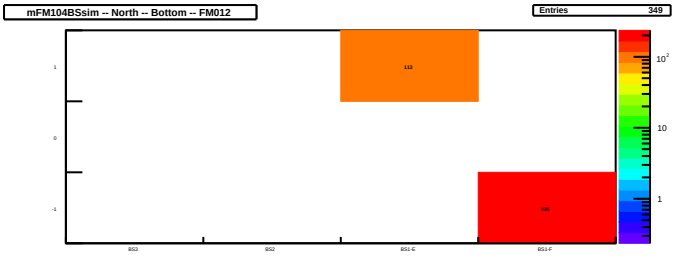

mFM104J -- South -- Bottom/Side -- FM011
Entries 38943
J(23)

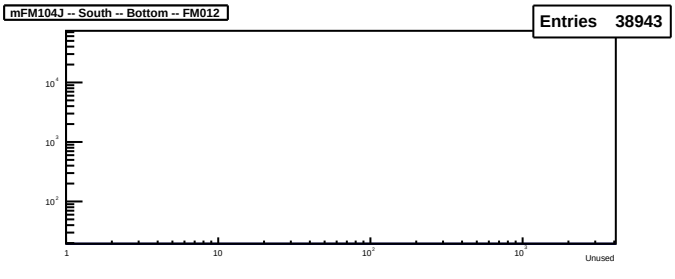

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

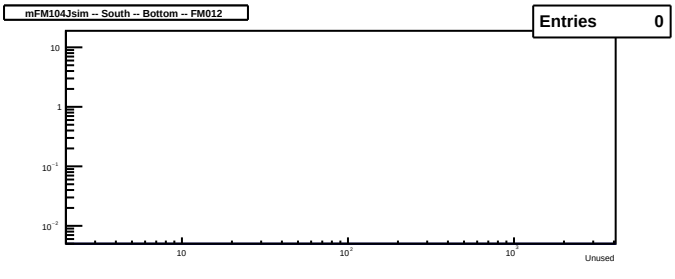

mFM104JP -- South -- Bottom/Side -- FM011
Entries 77886

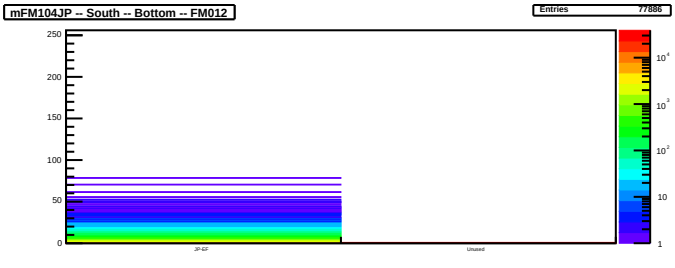

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0


mFM104BS -- North -- Bottom -- FM012
Entries 155772

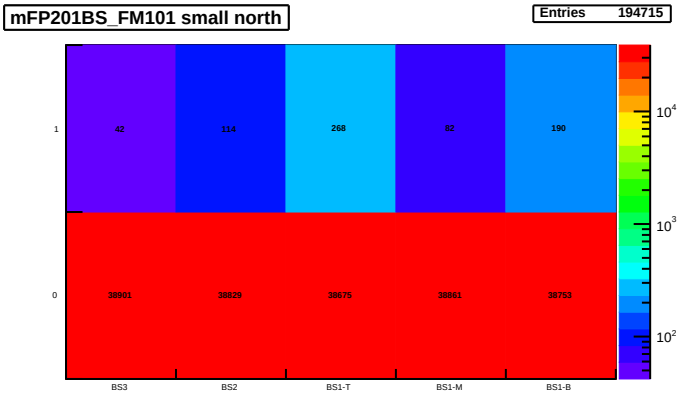

mFM104BSsim -- North -- Bottom -- FM012
Entries 349

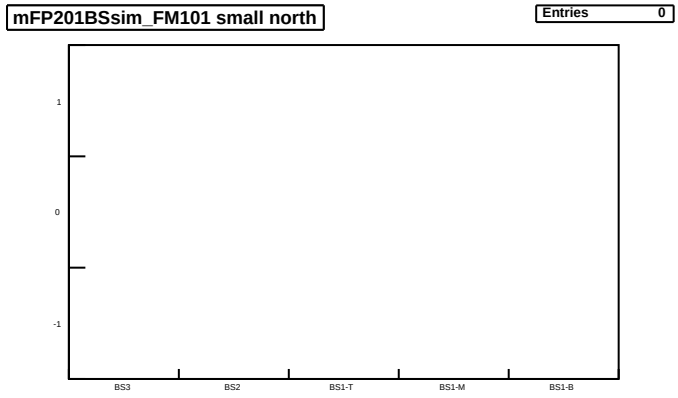

mFM104J -- South -- Bottom -- FM012
Entries 38943
Unused

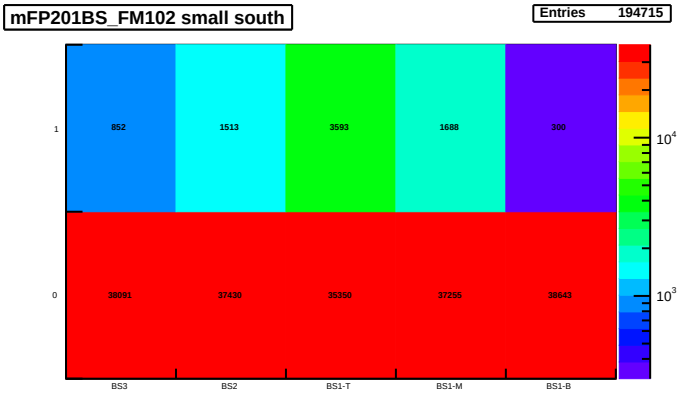

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

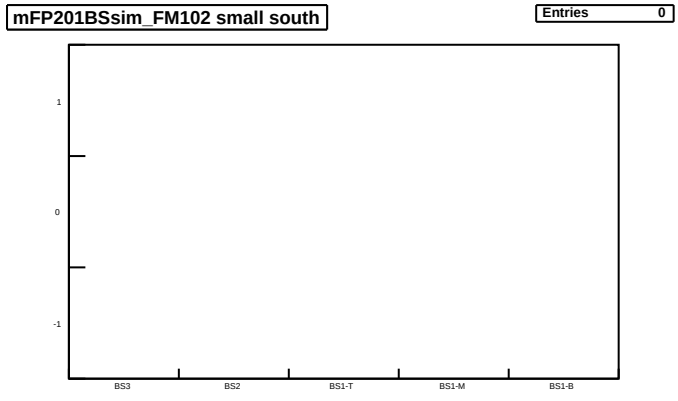

mFM104JP -- South -- Bottom -- FM012
Entries 77886

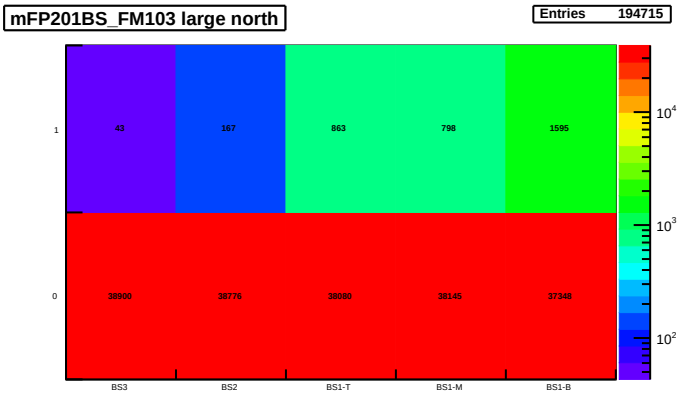
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

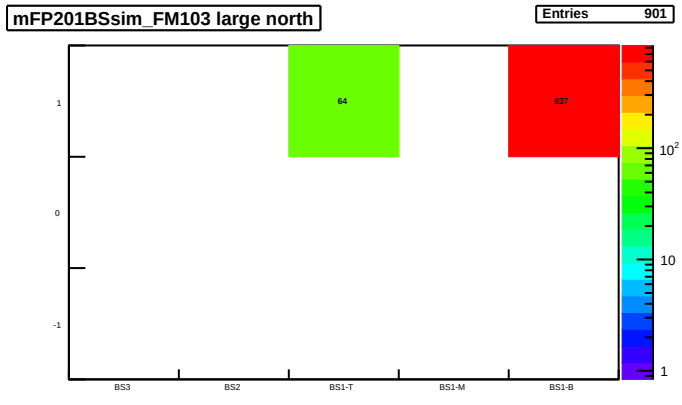

mFP201BS_FM101 small north
Entries 194715
42
114
268
82
190
38901
38829
38675
38861
38753
BS3
BS2
BS1-T
BS1-M
BS1-B

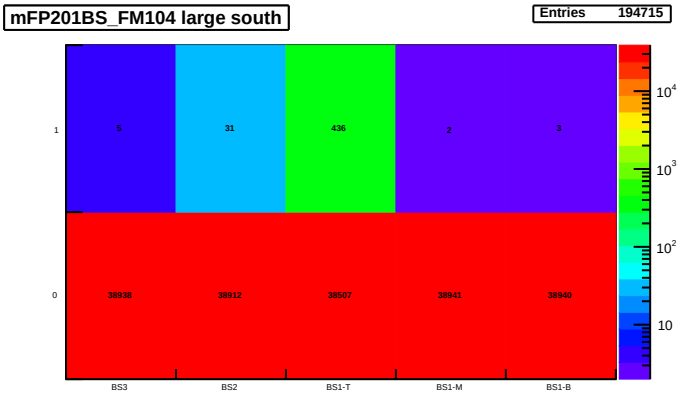

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

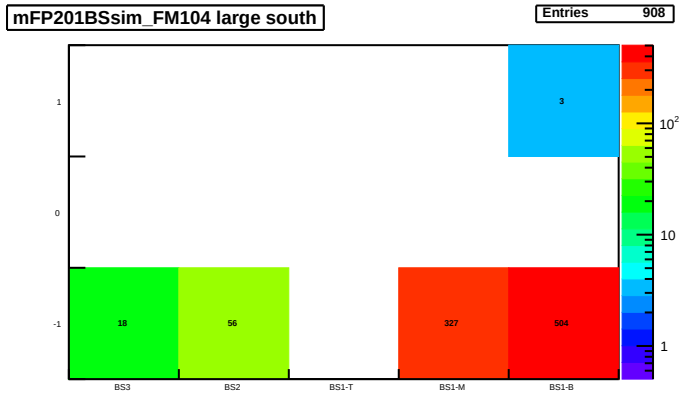

mFP201BS_FM102 small south
Entries 194715
852
1513
3593
1688
300
38091
37430
35350
37255
38643
BS3
BS2
BS1-T
BS1-M
BS1-B

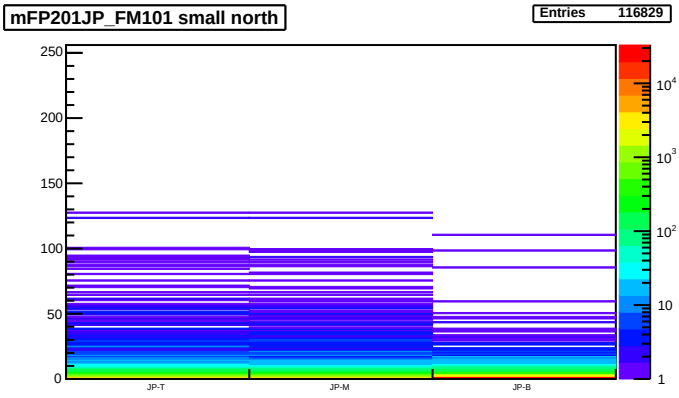

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

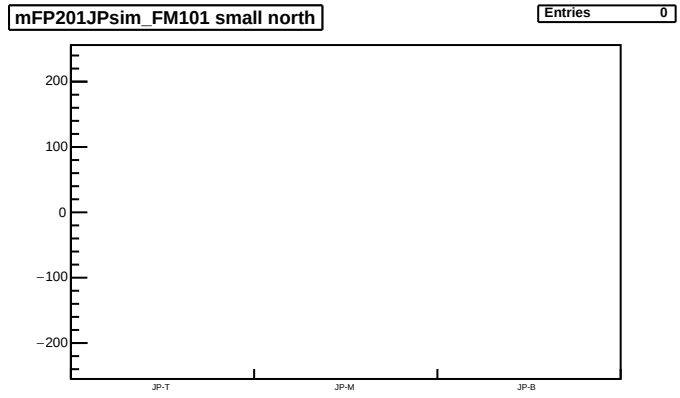

mFP201BS_FM103 large north
Entries 194715
43
167
863
798
1595
38900
38776
38080
38145
37348
BS3
BS2
BS1-T
BS1-M
BS1-B

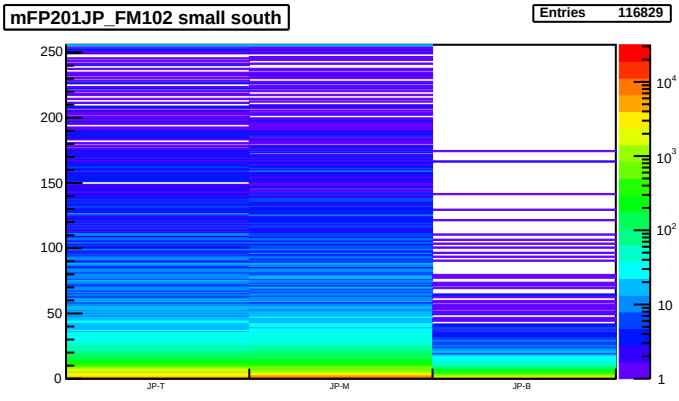

mFP201BSsim_FM103 large north
Entries 901
64
837
BS3
BS2
BS1-T
BS1-M
BS1-B

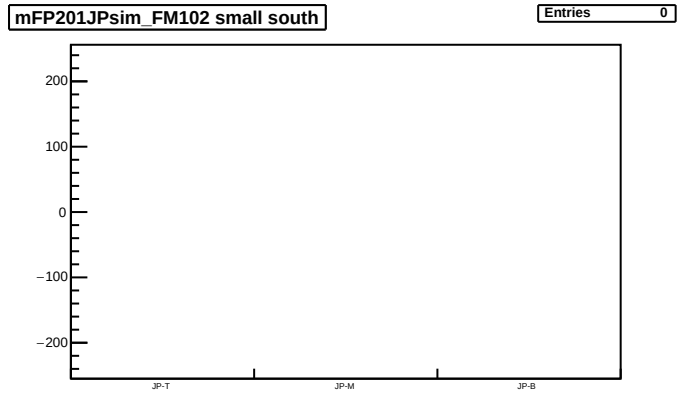

mFP201BS_FM104 large south
Entries 194715
5
31
436
2
3
38938
38912
38507
38941
38940
BS3
BS2
BS1-T
BS1-M
BS1-B

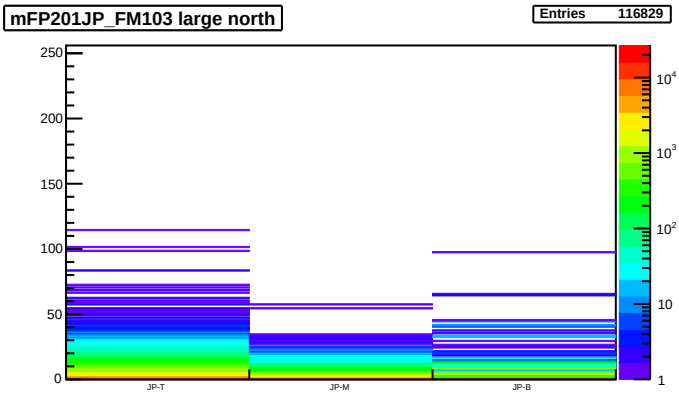

mFP201BSsim_FM104 large south
Entries 908
3
18
56
327
504
BS3
BS2
BS1-T
BS1-M
BS1-B

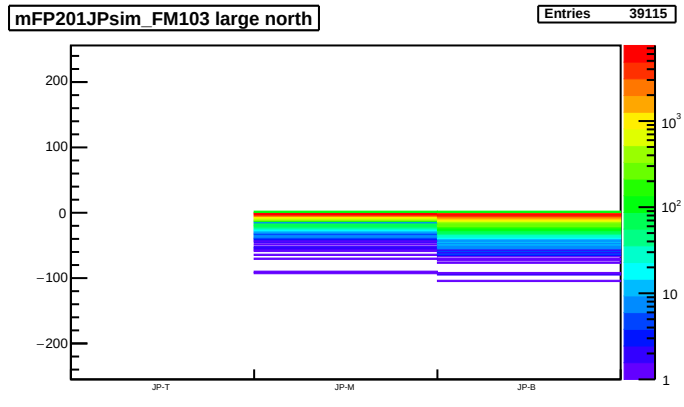

mFP201JP_FM101 small north
Entries 116829
JP-T
JP-M
JP-B

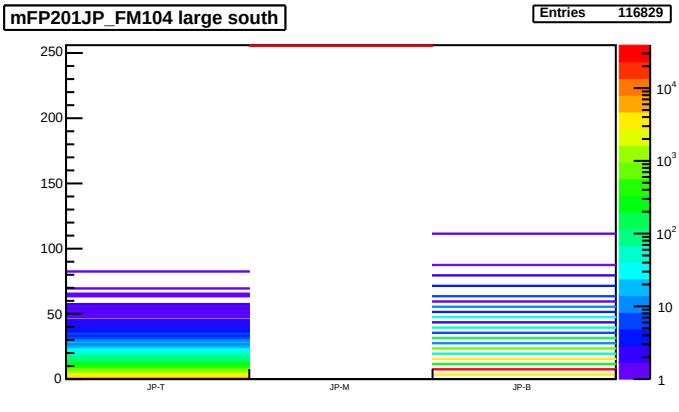

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

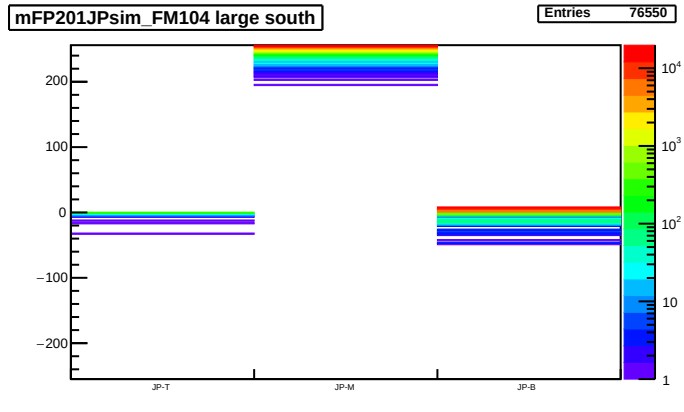

mFP201JP_FM102 small south
Entries 116829
JP-T
JP-M
JP-B

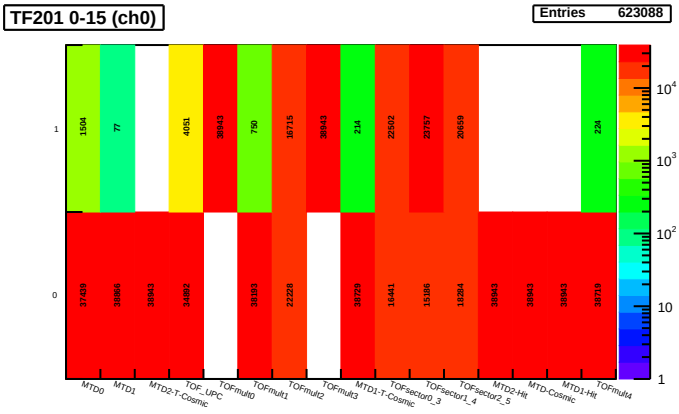

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

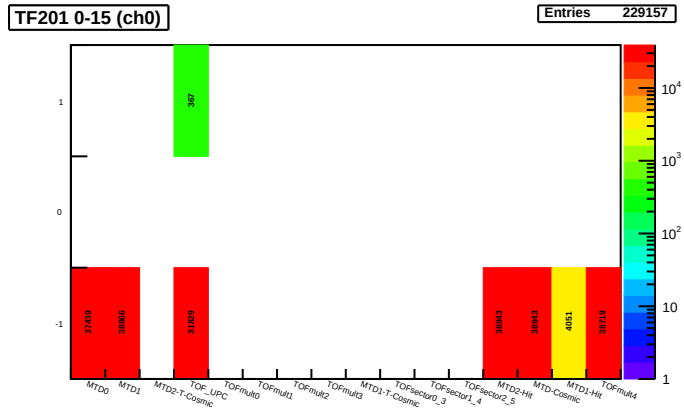

mFP201JP_FM103 large north
Entries 116829
JP-T
JP-M
JP-B

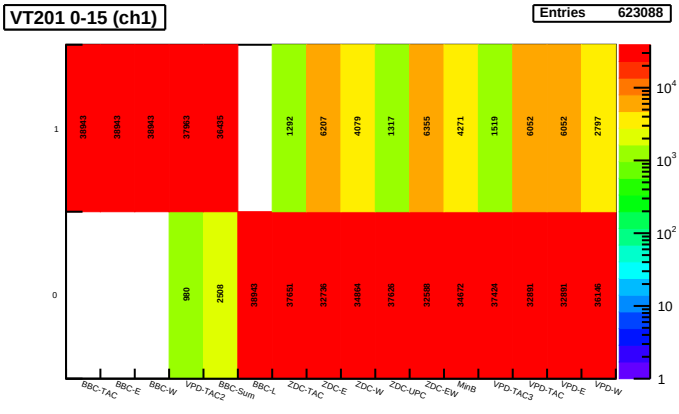

mFP201JPsim_FM103 large north
Entries 39115
JP-T
JP-M
JP-B

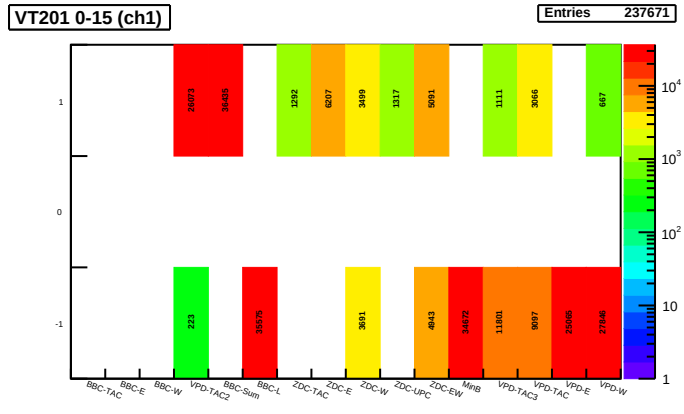

mFP201JP_FM104 large south
Entries 116829
JP-T
JP-M
JP-B

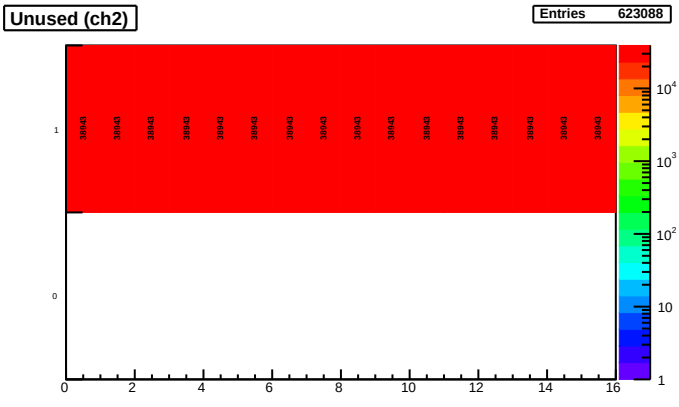

mFP201JPsim_FM104 large south
Entries 76550
JP-T
JP-M
JP-B

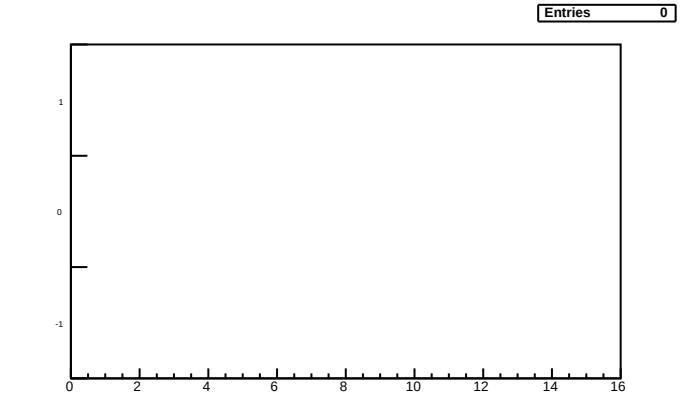

TF201 0-15 (ch0)
Entries 623088
1504 77 4051 38943 790 16715 38943 214 22502 23757 20659 224
37439 38866 38943 34892 38193 22228 38729 16441 15186 18284 38943 38943 38943 38719
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

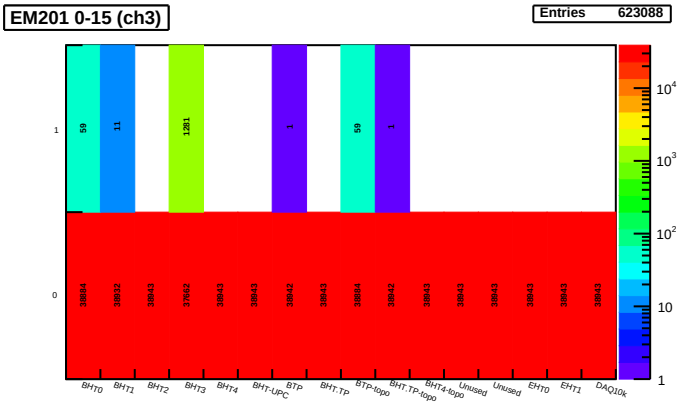

TF201 0-15 (ch0)
Entries 229157
367
37439 38866 31859 38943 38943 4051 38719
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

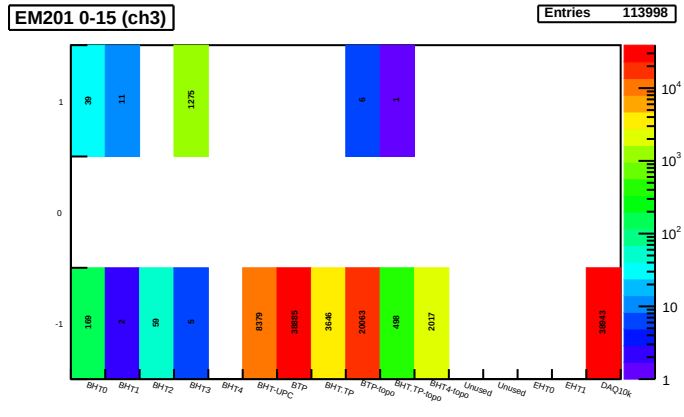

VT201 0-15 (ch1)
Entries 623088
38943 38943 38943 37963 36435 1292 6207 4079 1317 6355 4271 1519 6052 6052 2797
980 2308 38943 37651 32736 34864 37626 32598 34672 37424 32891 32891 35146
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

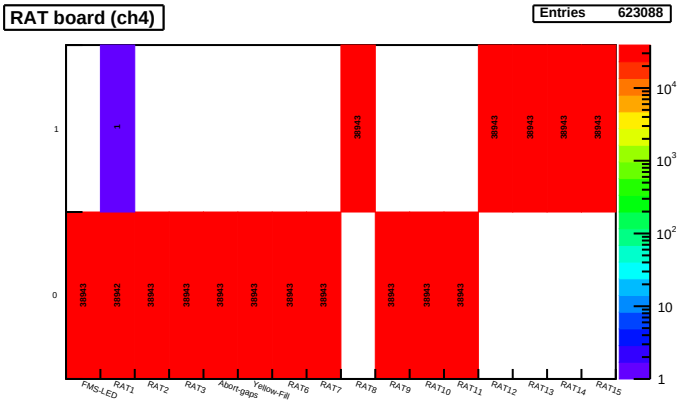

VT201 0-15 (ch1)
Entries 237671
25073 36435 1292 6207 3499 1317 9091 1111 3066 667
223 35575 3691 4943 34672 11801 9097 25065 27846
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

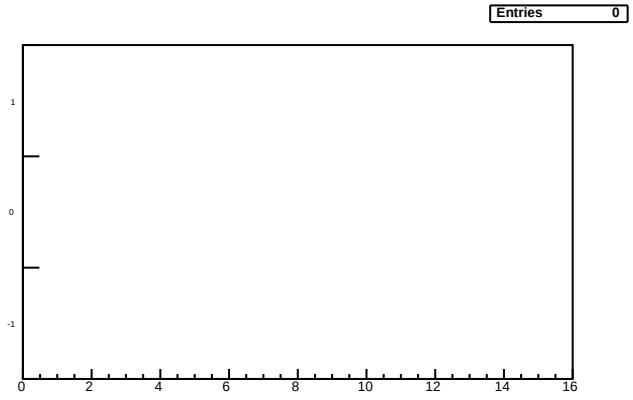

Unused (ch2)
Entries 623088
38943 38943 38943 38943 38943 38943 38943 38943 38943 38943 38943 38943 38943 38943 38943 38943

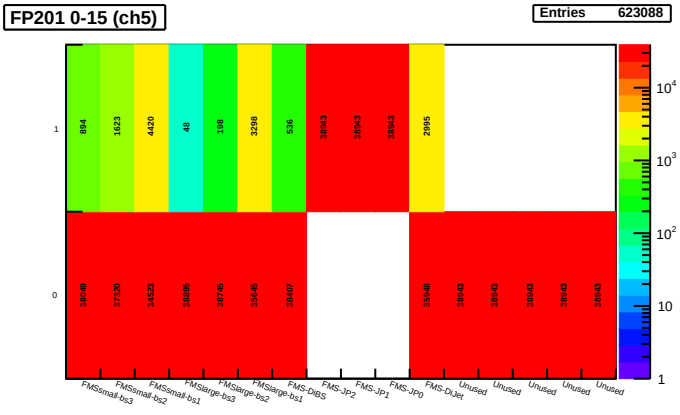

Entries 0

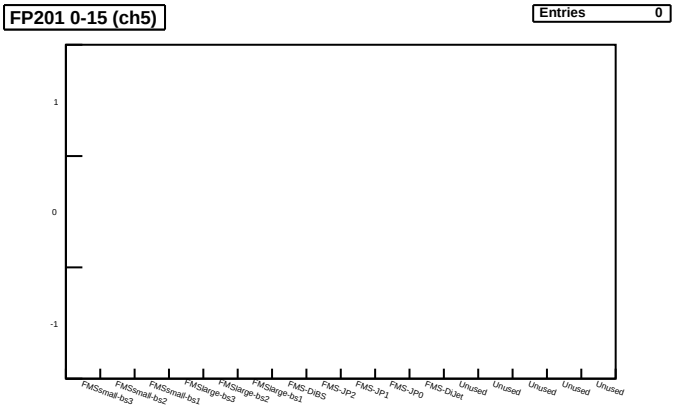

EM201 0-15 (ch3)
Entries 623088
59 11 1281 1 59 1
38894 38932 38943 37652 38943 38943 38942 38943 38894 38942 38943 38943 38943 38943 38943 38943
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

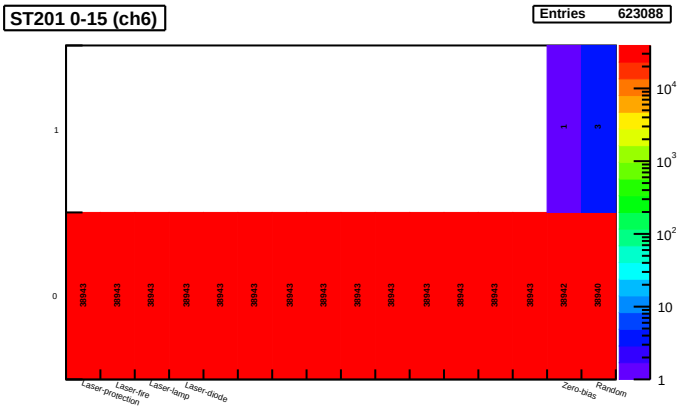

EM201 0-15 (ch3)
Entries 113998
39 11 1275 6 1
169 2 59 5 8379 38835 3646 20063 498 2017 38943
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

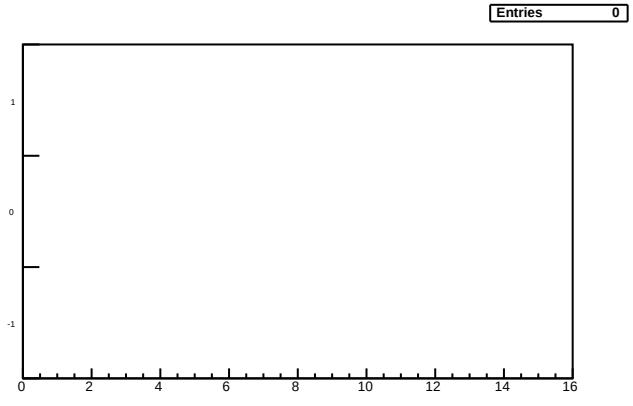

RAT board (ch4)
Entries 623088
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

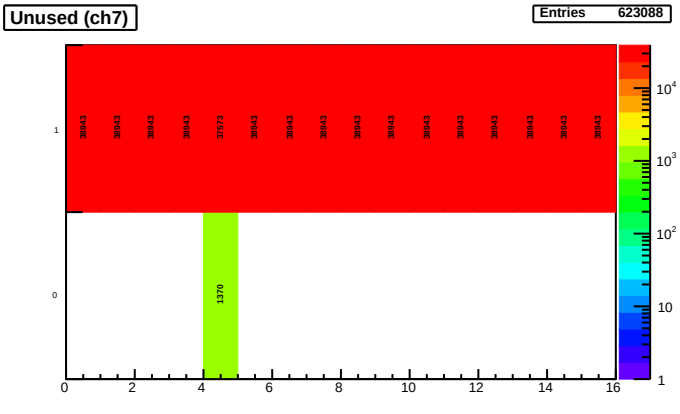

Entries 0

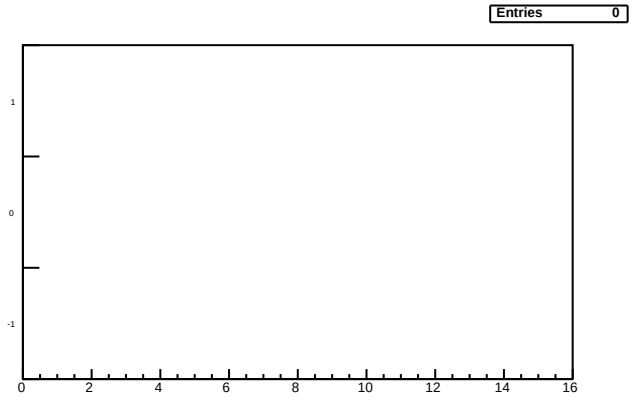

FP201 0-15 (ch5)
Entries 623088
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 623088
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 623088


Entries 0