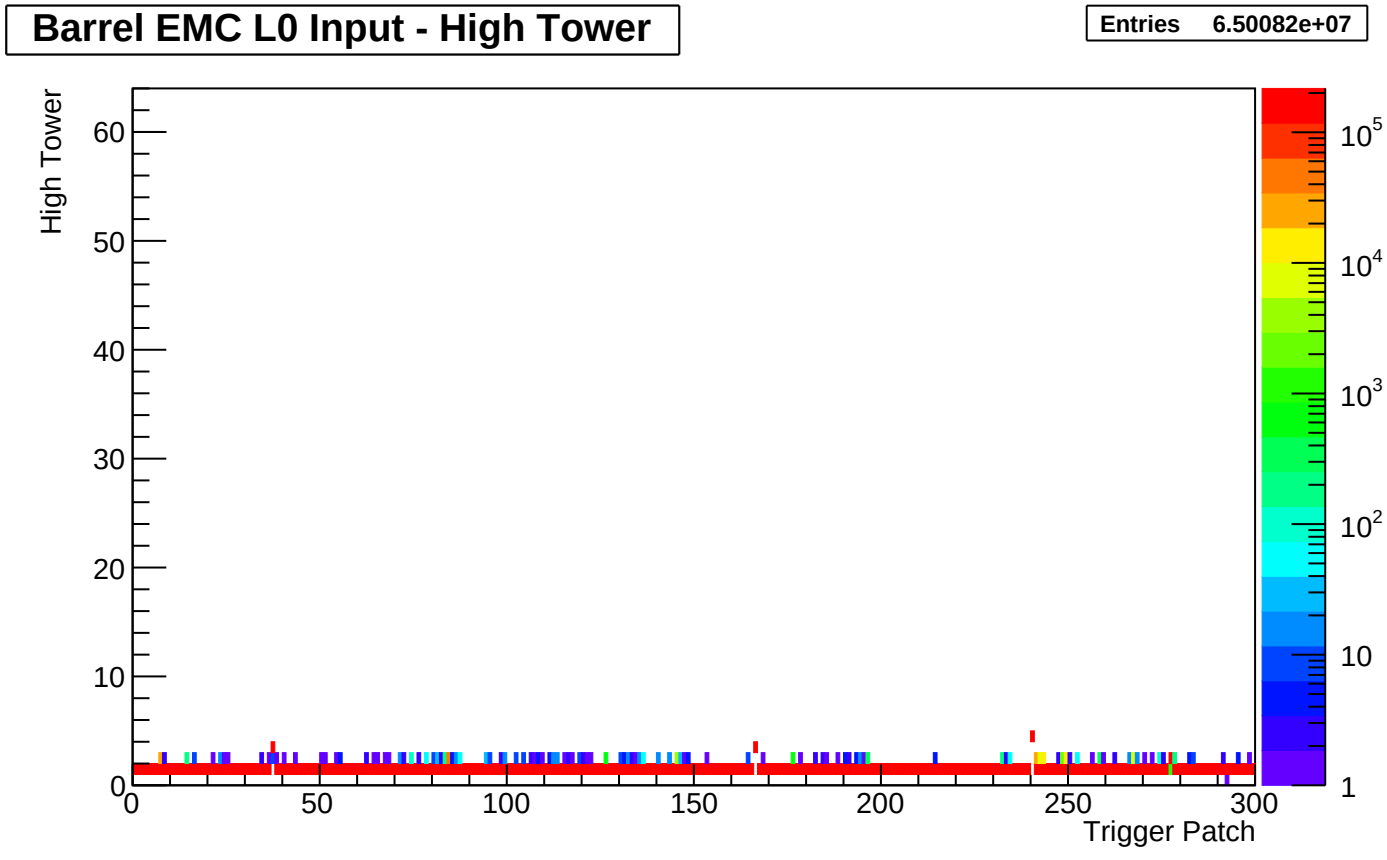
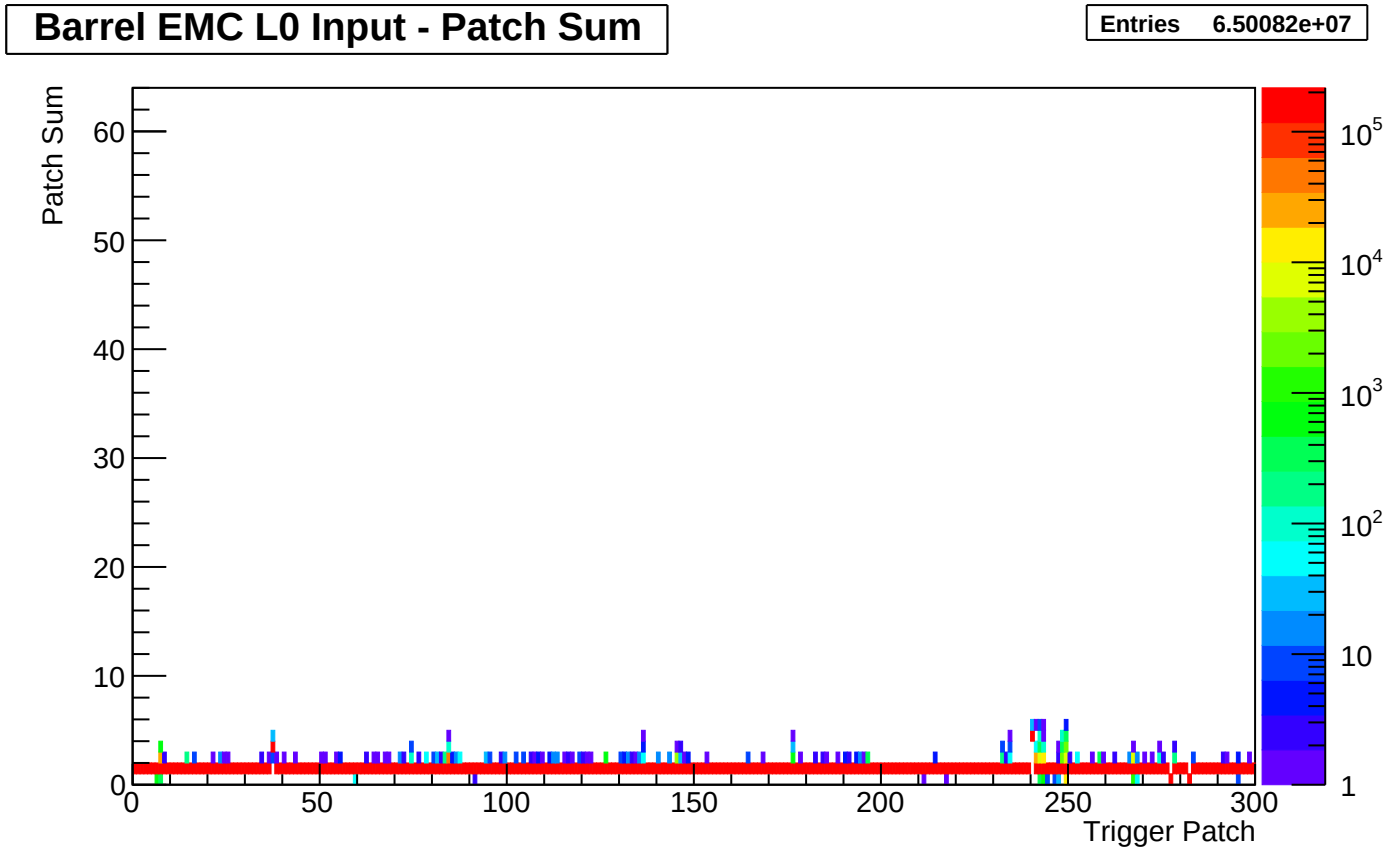
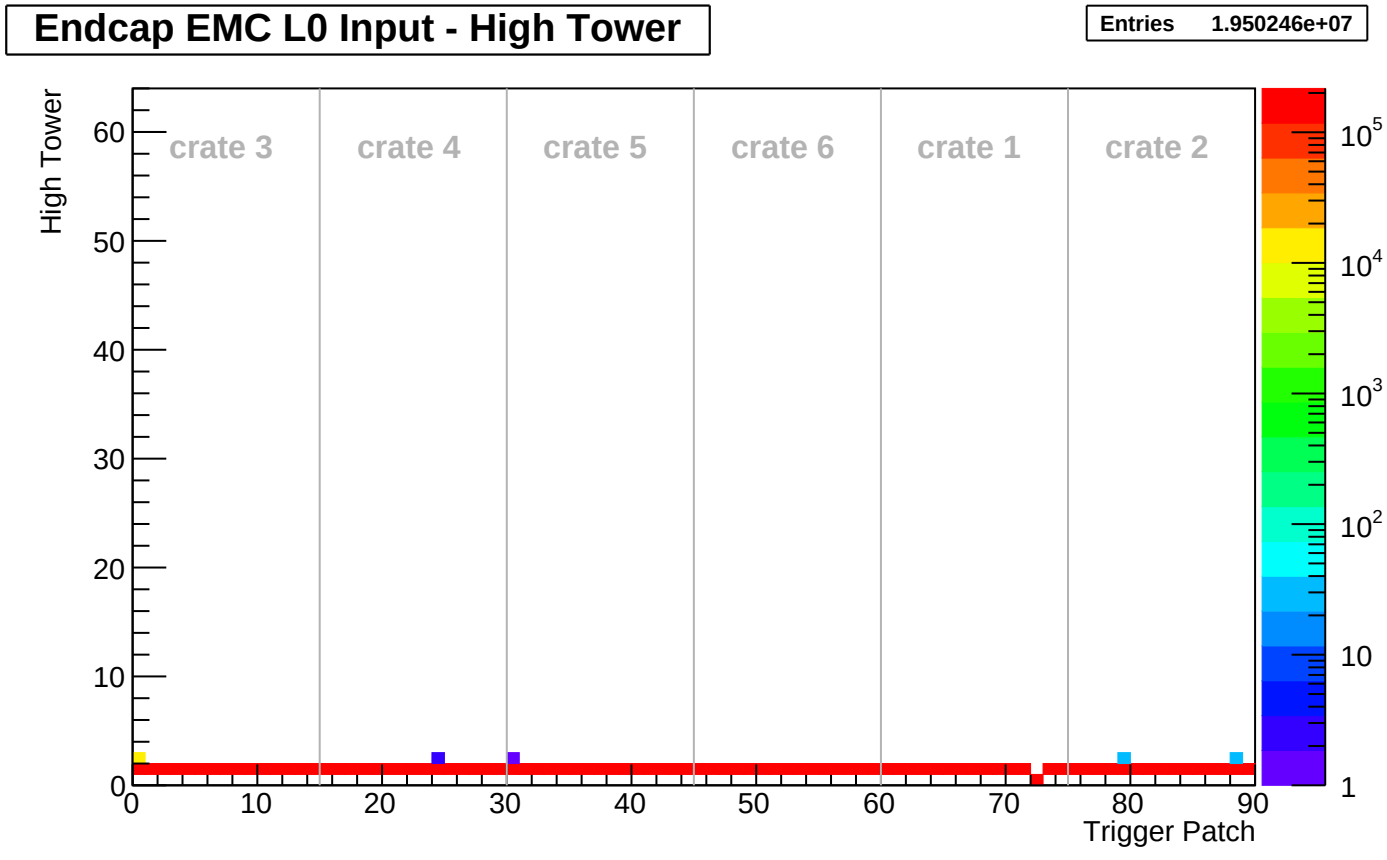
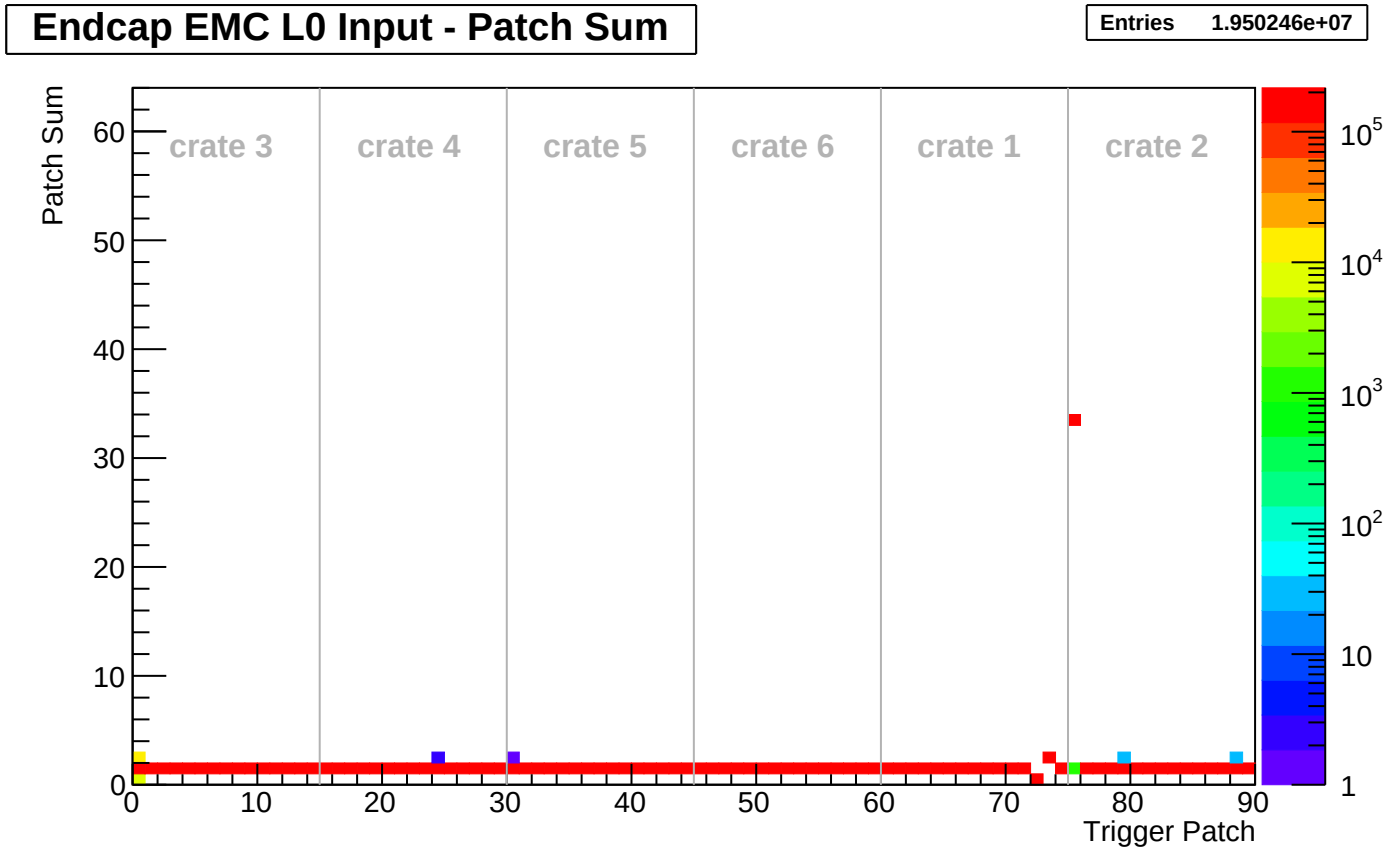
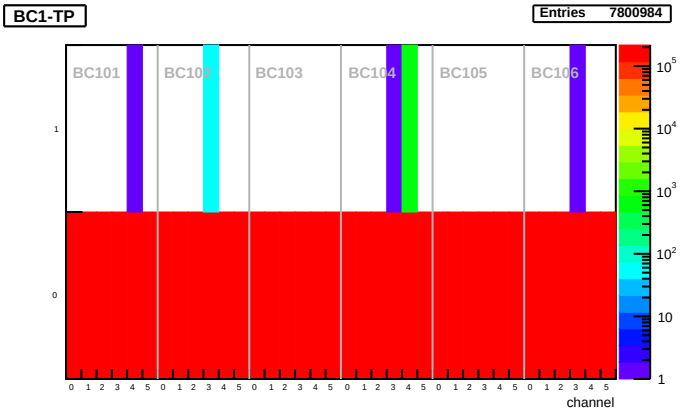
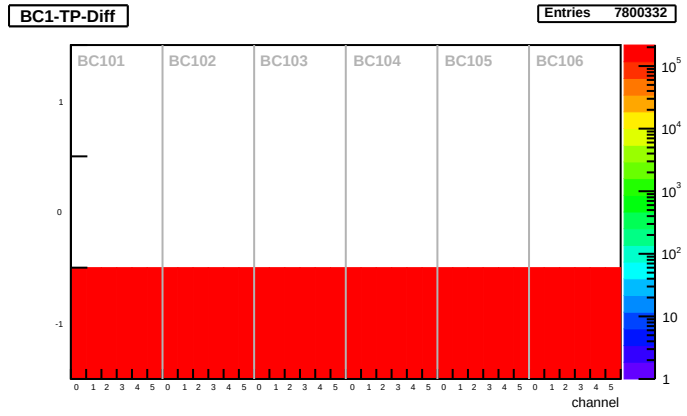

Barrel EMC L0 Input - High Tower
Entries 6.50082e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

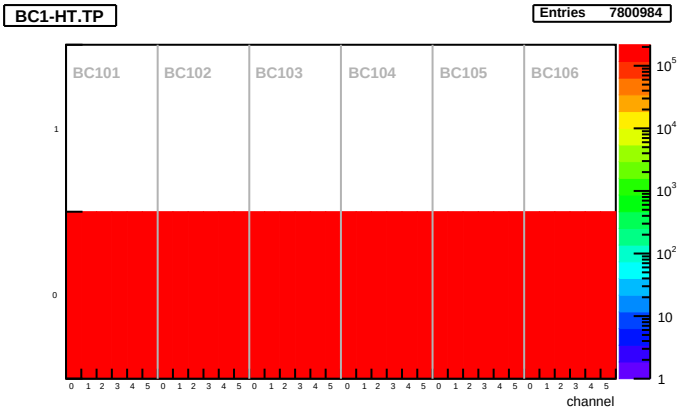

Barrel EMC L0 Input - Patch Sum
Entries 6.50082e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

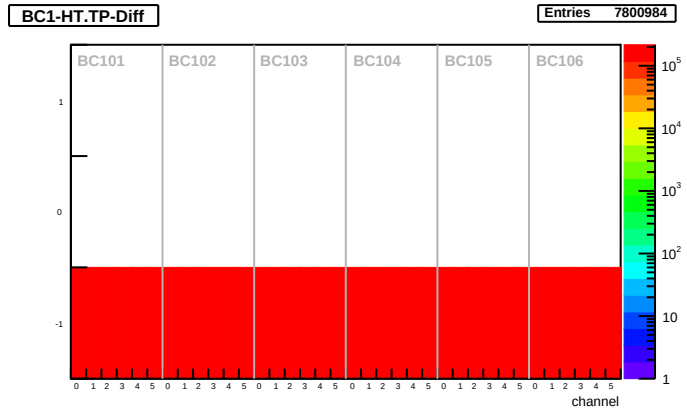

Endcap EMC L0 Input - High Tower
Entries 1.950246e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

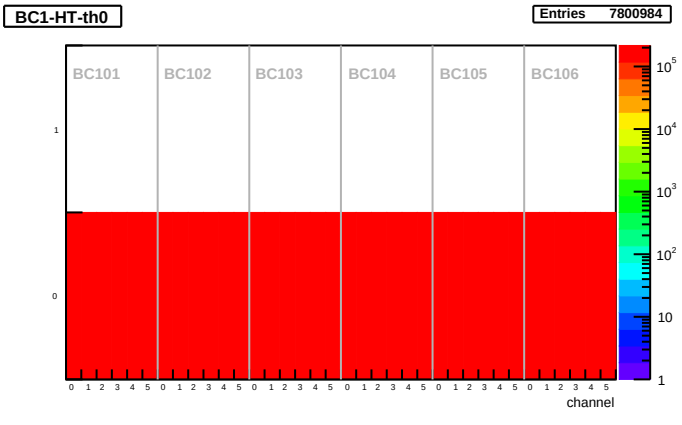

Endcap EMC L0 Input - Patch Sum
Entries 1.950246e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

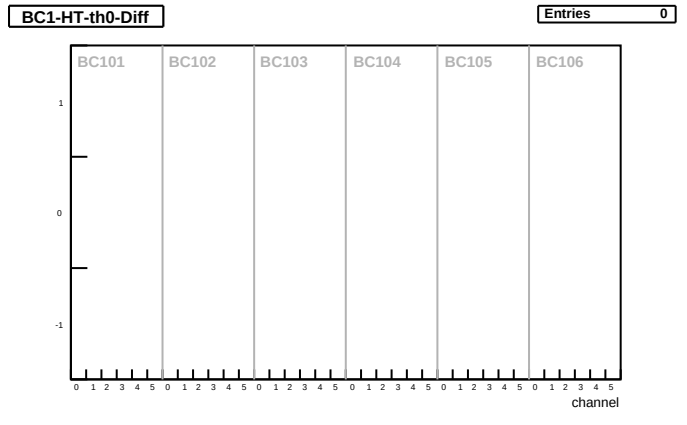

BC1-TP
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

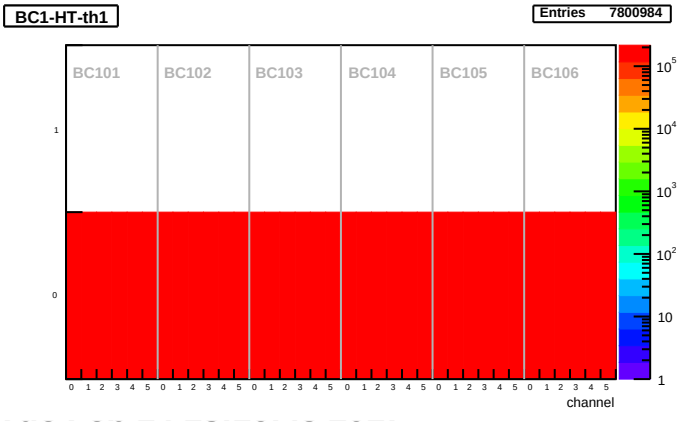

BC1-TP-Diff
Entries 7800332
BC101
BC102
BC103
BC104
BC105
BC106
channel

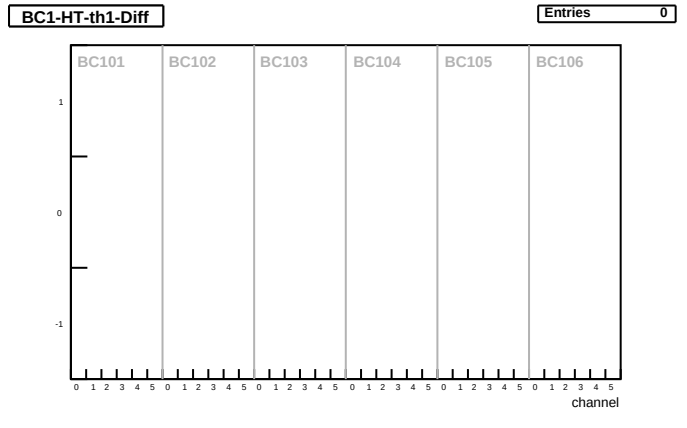

BC1-HT.TP
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

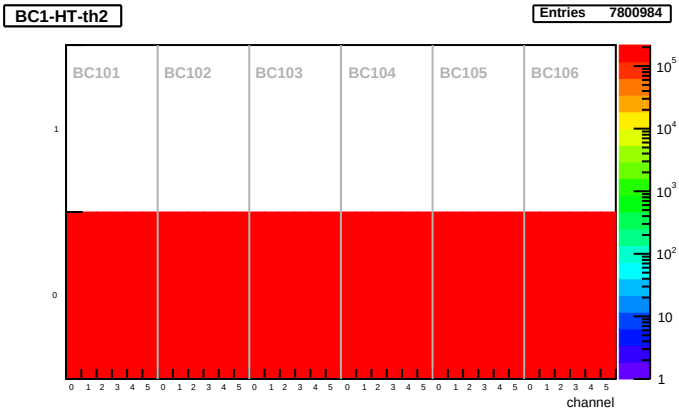

BC1-HT.TP-Diff
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

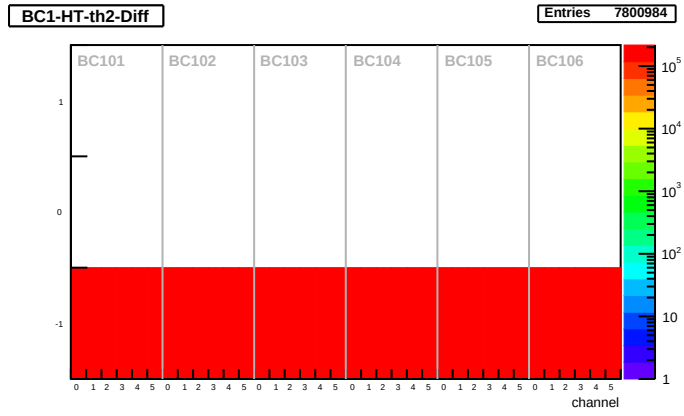

BC1-HT-th0
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

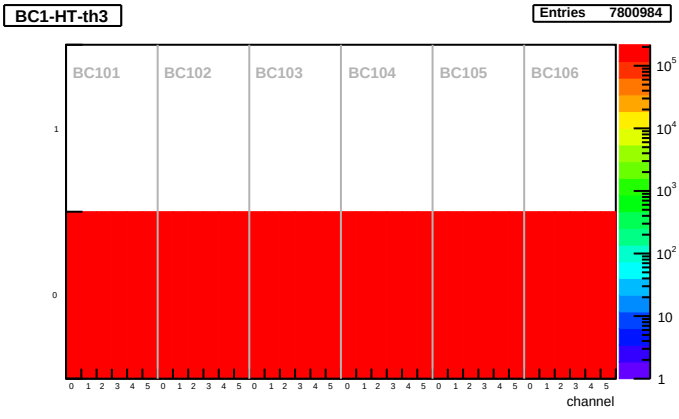

BC1-HT-th0-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

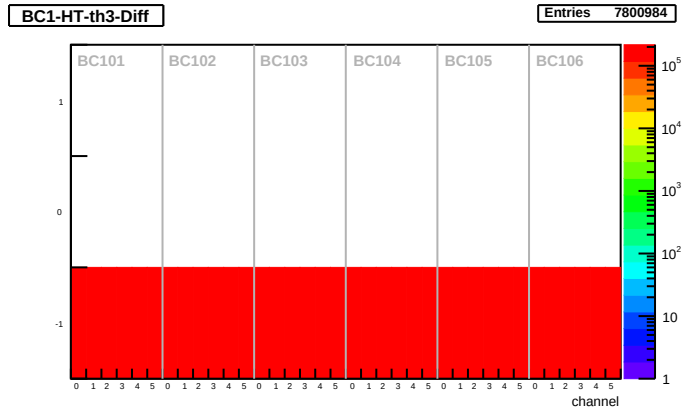

BC1-HT-th1
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

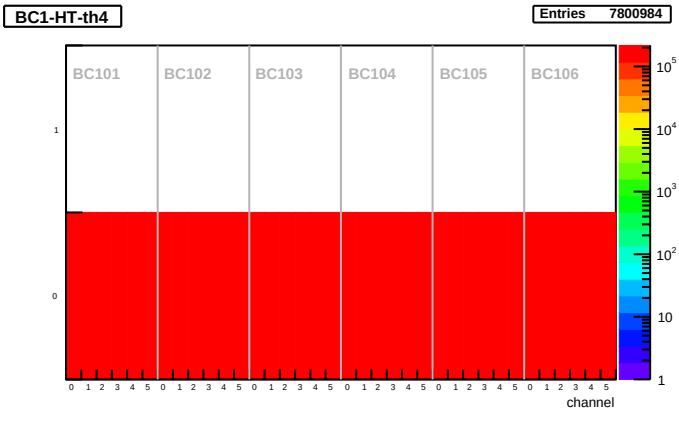

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

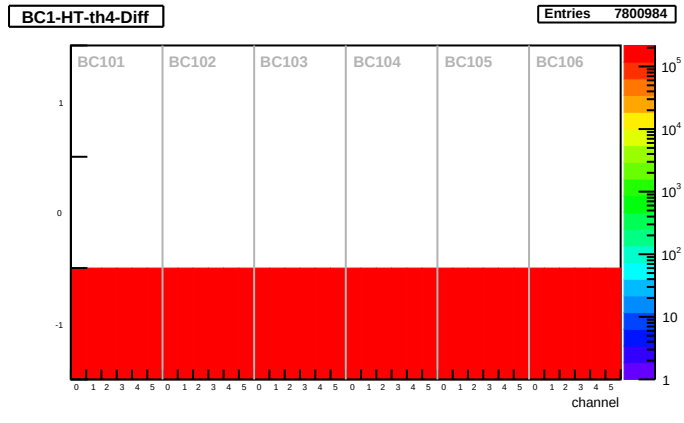

BC1-HT-th2
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

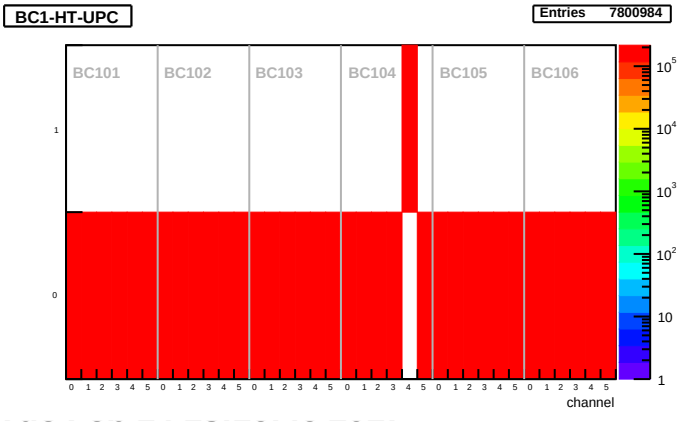

BC1-HT-th2-Diff
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

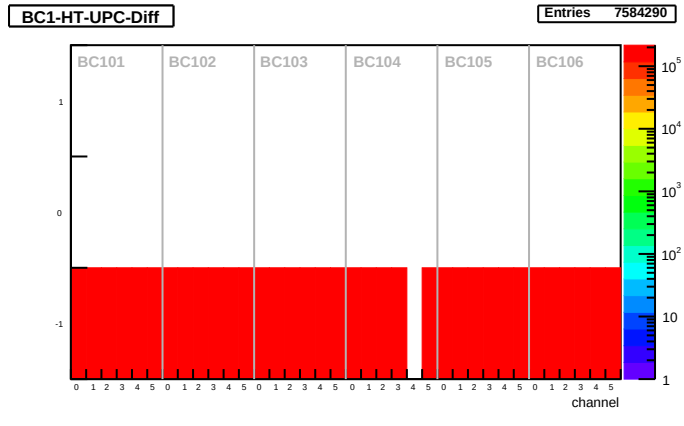

BC1-HT-th3
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

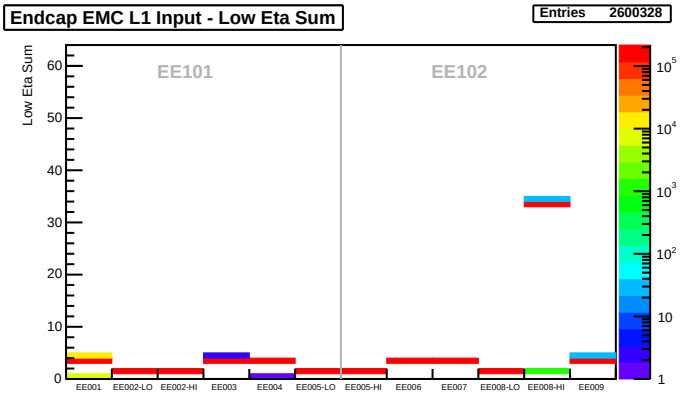

BC1-HT-th3-Diff
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

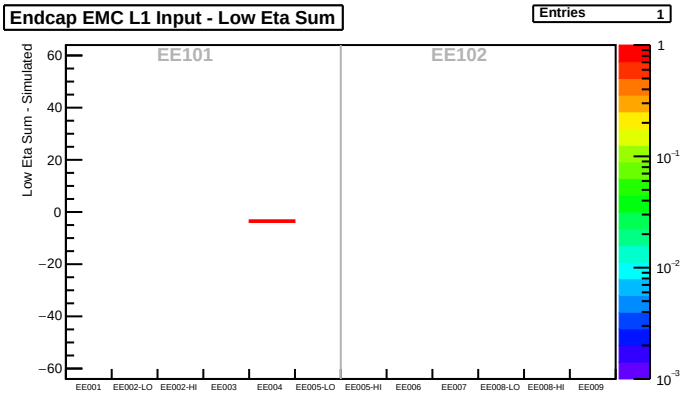

BC1-HT-th4
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

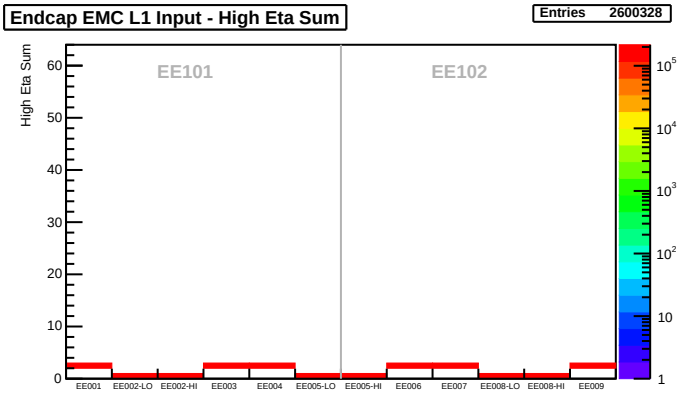

BC1-HT-th4-Diff
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

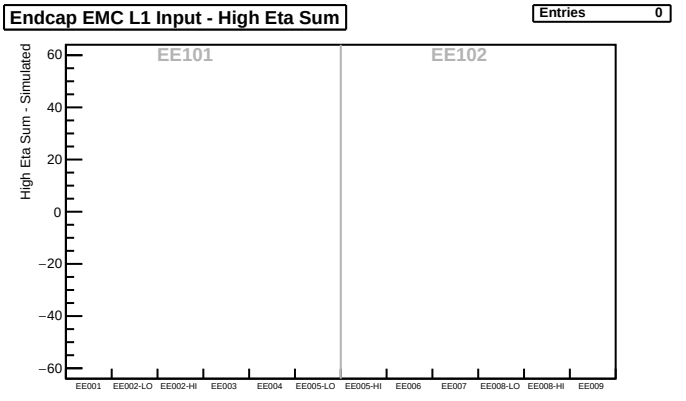

BC1-HT-UPC
Entries 7800984
BC101
BC102
BC103
BC104
BC105
BC106
channel

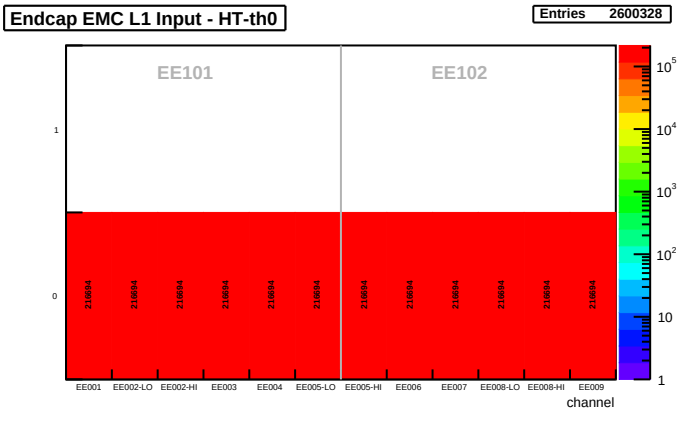

BC1-HT-UPC-Diff
Entries 7584290
BC101
BC102
BC103
BC104
BC105
BC106
channel

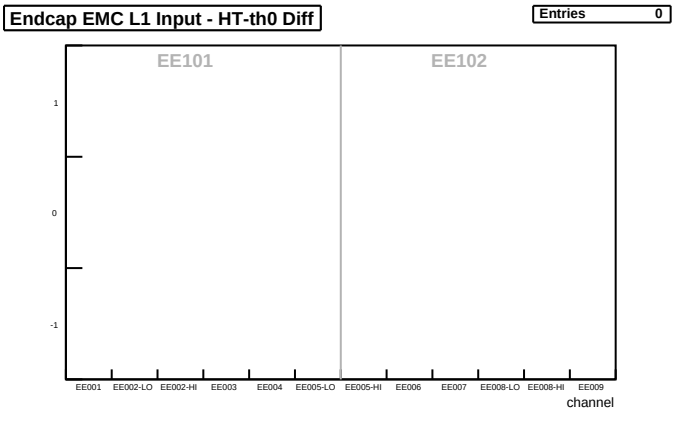

Endcap EMC L1 Input - Low Eta Sum
Entries 2600328
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

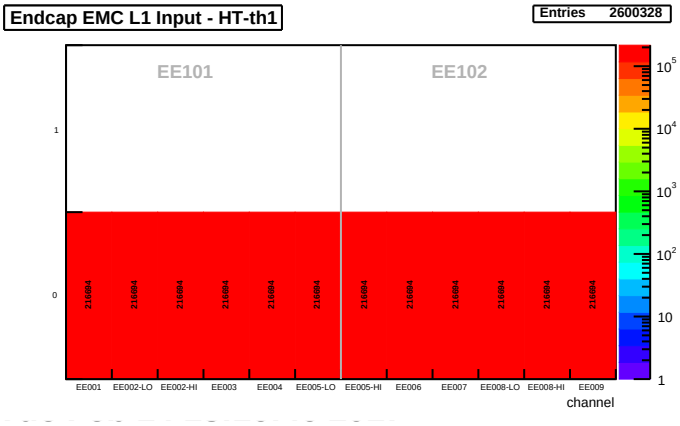

Endcap EMC L1 Input - Low Eta Sum
Entries 1
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

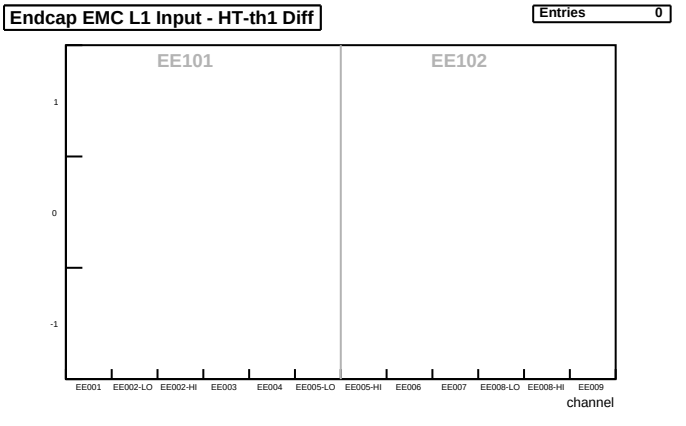

Endcap EMC L1 Input - High Eta Sum
Entries 2600328
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

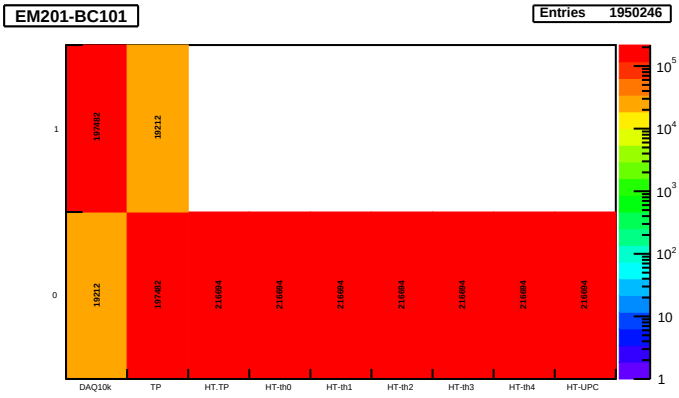

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

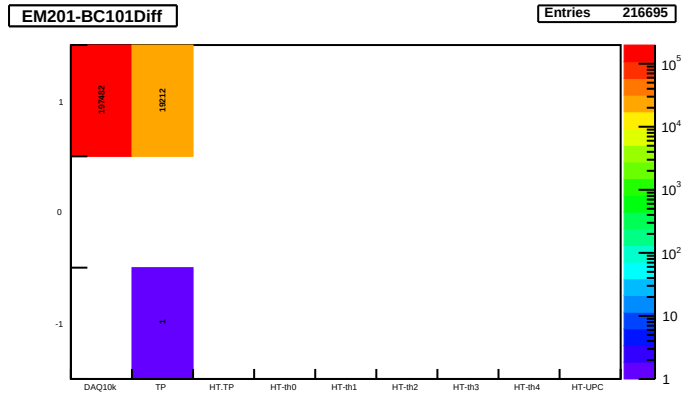

Endcap EMC L1 Input - HT-th0
Entries 2600328
EE101
EE102
216694
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

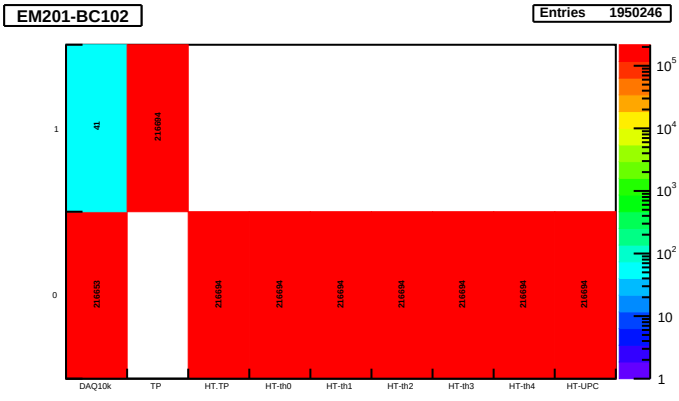

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

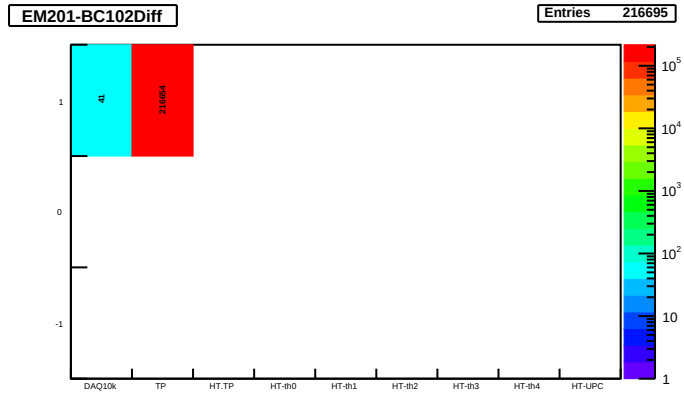

Endcap EMC L1 Input - HT-th1
Entries 2600328
EE101
EE102
216694
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

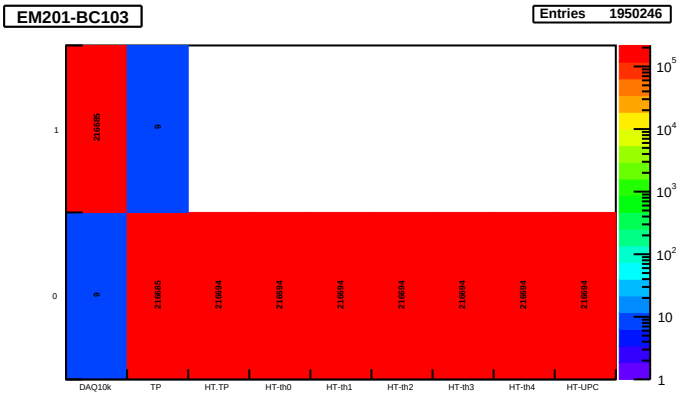

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

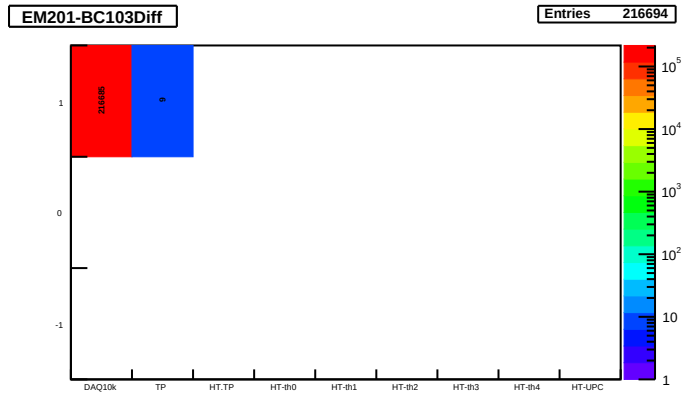

EM201-BC101
Entries 1950246
197482
19212
19212
197482
216694
216694
216694
216694
216694
216694
216694
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

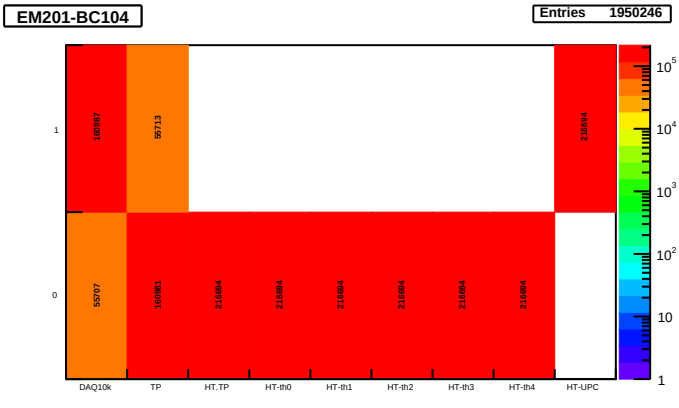

EM201-BC101Diff
Entries 216695
197482
19212
1
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

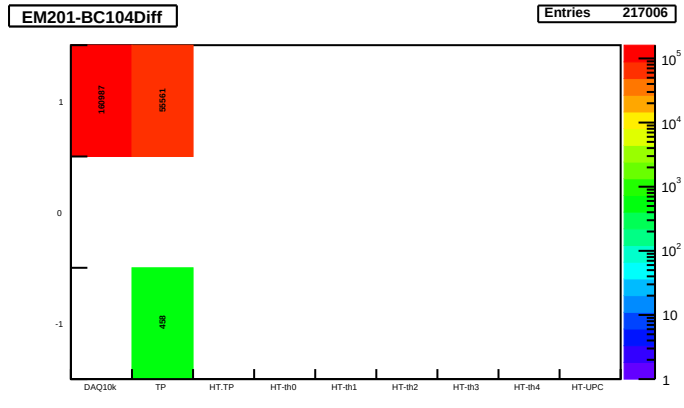

EM201-BC102
Entries 1950246
41
216684
216653
216694
216694
216694
216694
216694
216694
216694
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

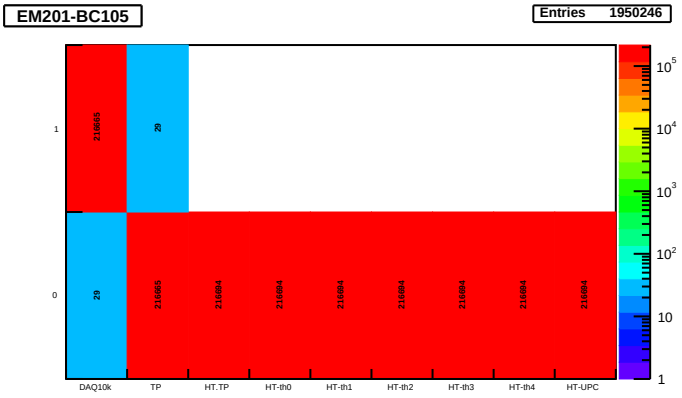

EM201-BC102Diff
Entries 216695
41
216684
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

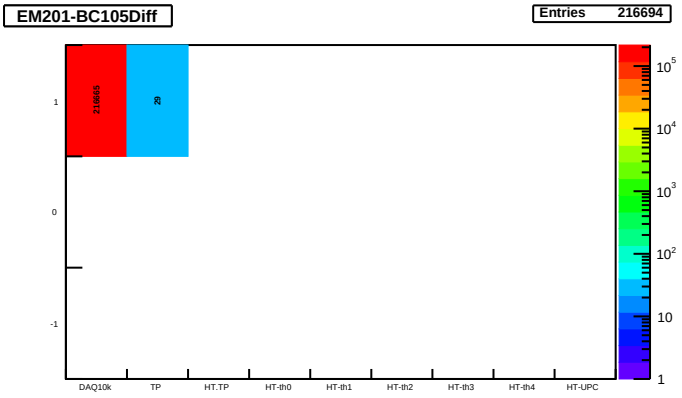

EM201-BC103
Entries 1950246
216685
9
9
216685
216694
216694
216694
216694
216694
216694
216694
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

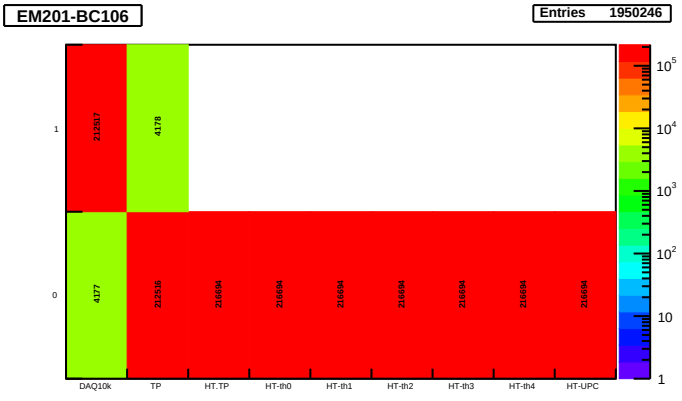

EM201-BC103Diff
Entries 216694
216685
9
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

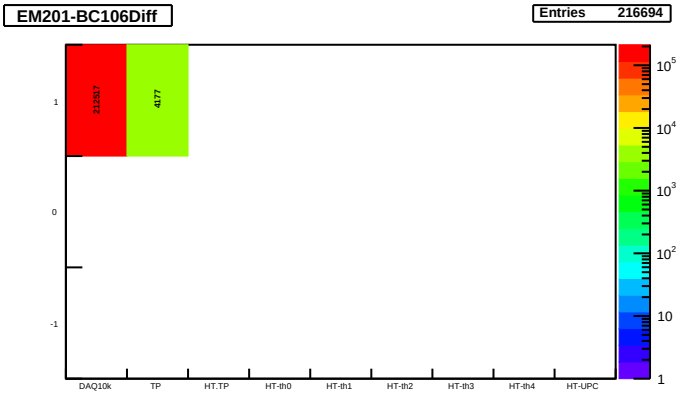

EM201-BC104
Entries 1950246
160987
52713
216694
55707
160981
216694
216694
216694
216694
216694
216694
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

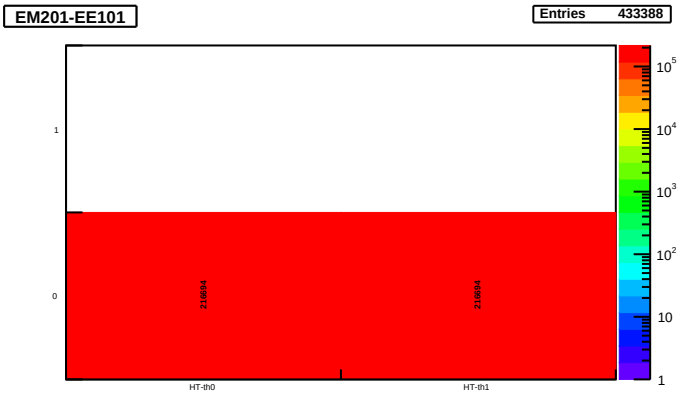

EM201-BC104Diff
Entries 217006
160987
55561
498
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

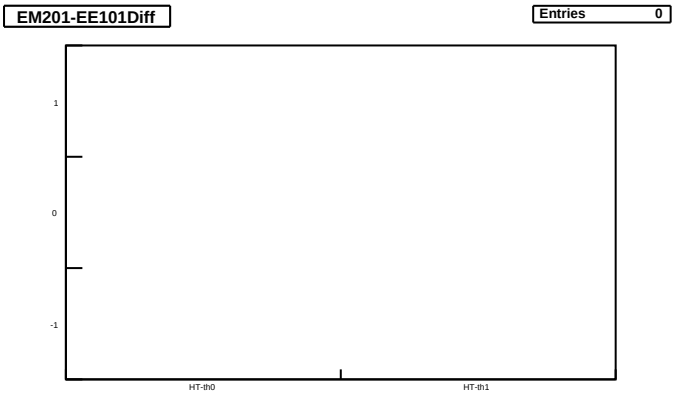

EM201-BC105
Entries 1950246
216665
29
29
216665
216694
216694
216694
216694
216694
216694
216694
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

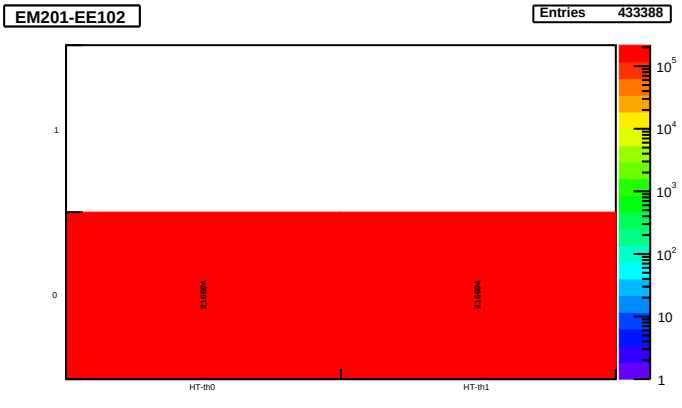

EM201-BC105Diff
Entries 216694
216665
29
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

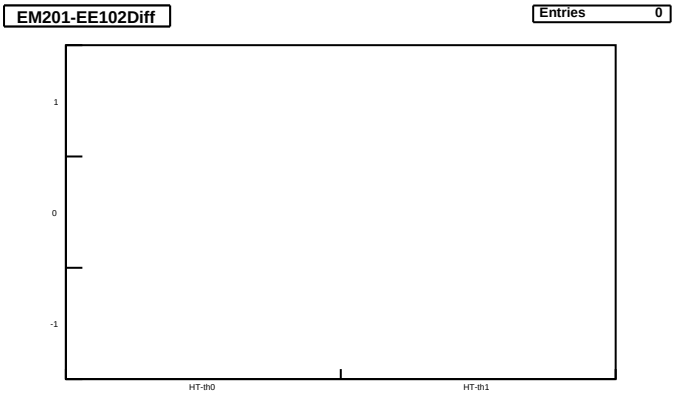

EM201-BC106
Entries 1950246
212517
4178
4177
212516
216694
216694
216694
216694
216694
216694
216694
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

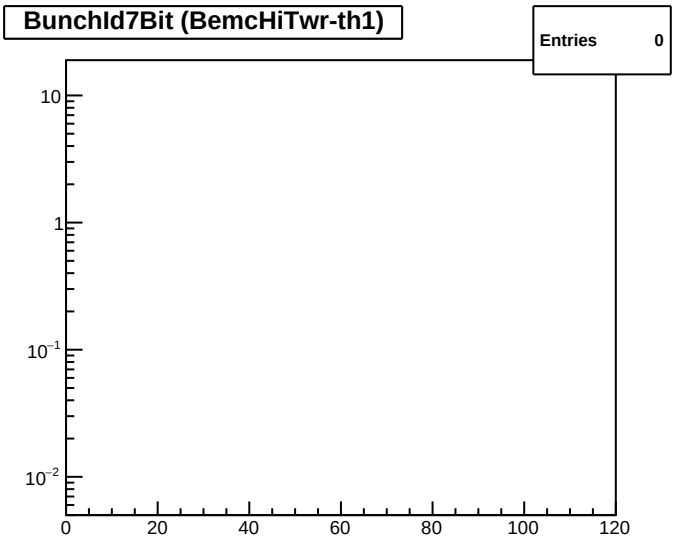

EM201-BC106Diff
Entries 216694
212517
4177
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

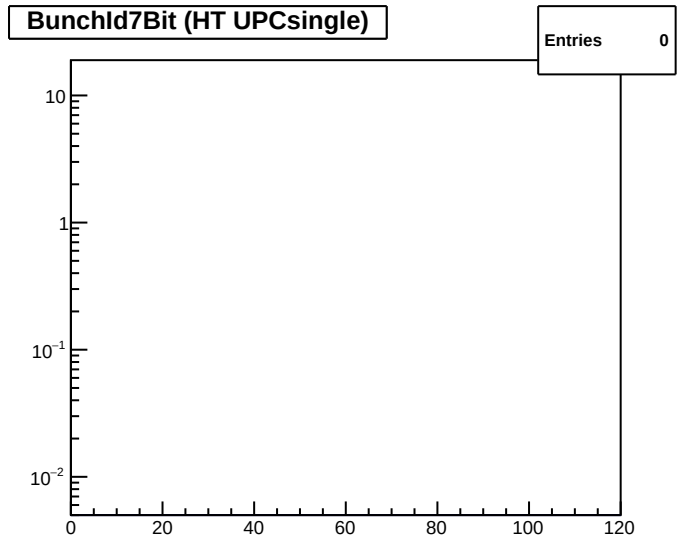

EM201-EE101
Entries 433388
216694
216694
HT-th0
HT-th1

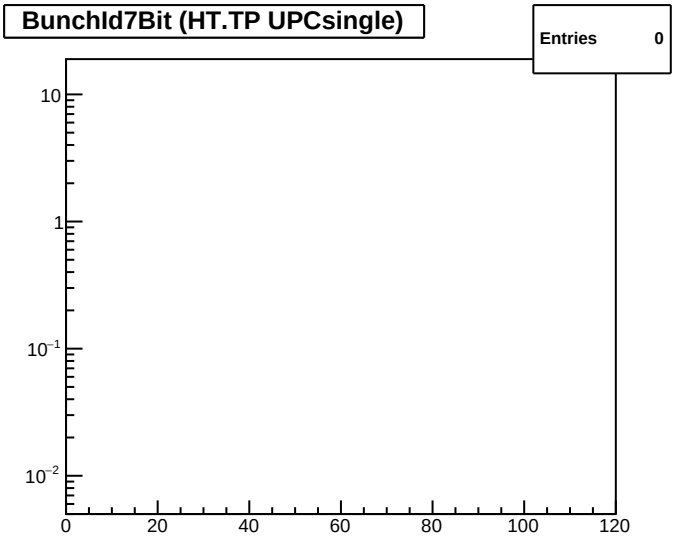

EM201-EE101Diff
Entries 0
HT-th0
HT-th1

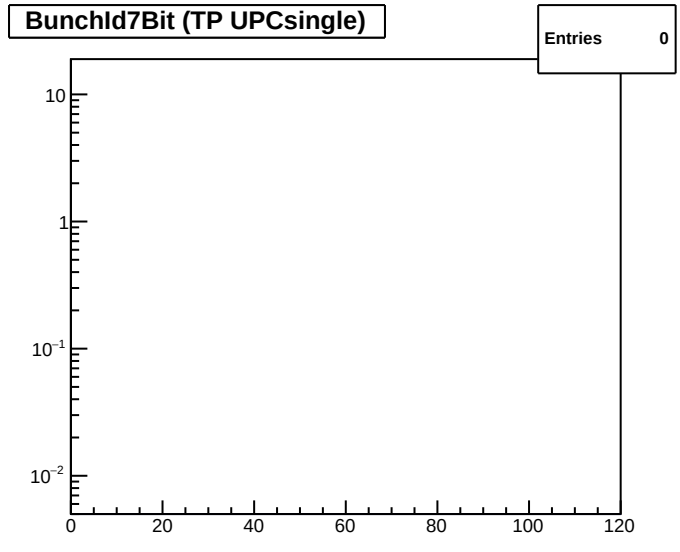

EM201-EE102
Entries 433388
216694
216694
HT-th0
HT-th1

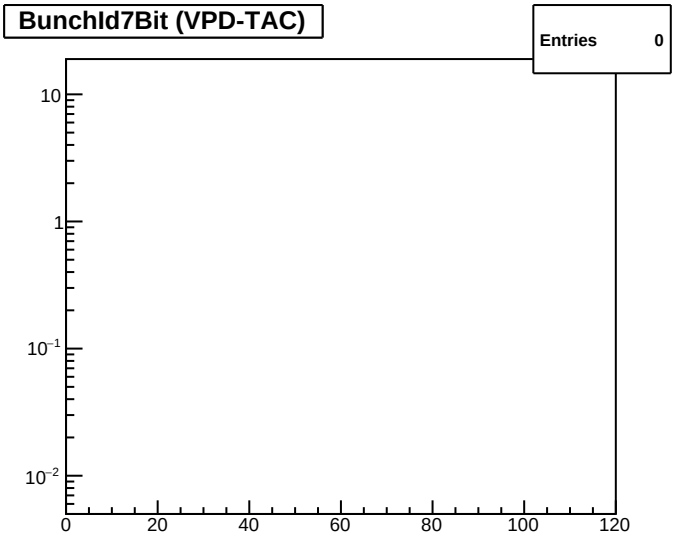

EM201-EE102Diff
Entries 0
HT-th0
HT-th1

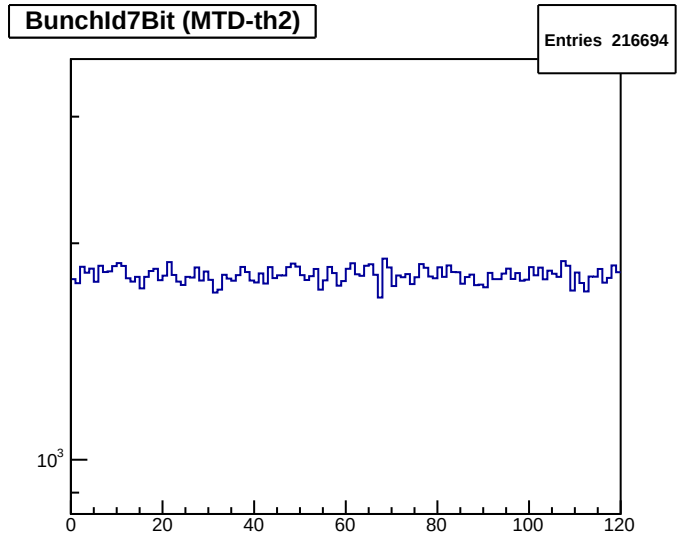

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

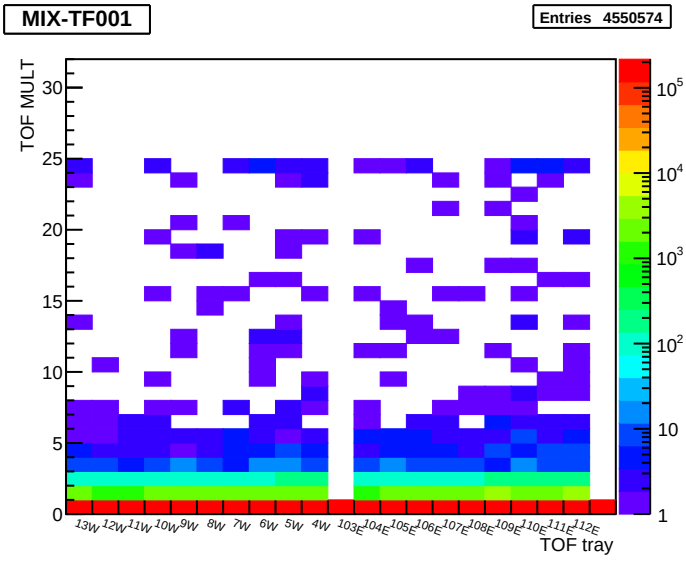

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

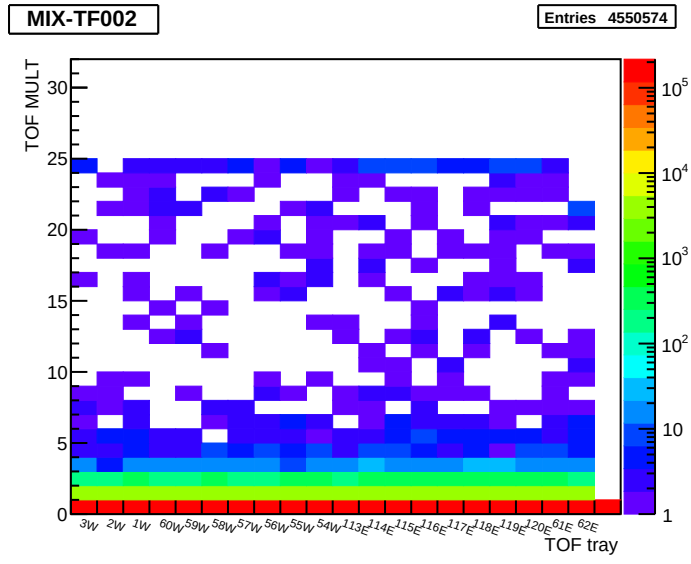

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

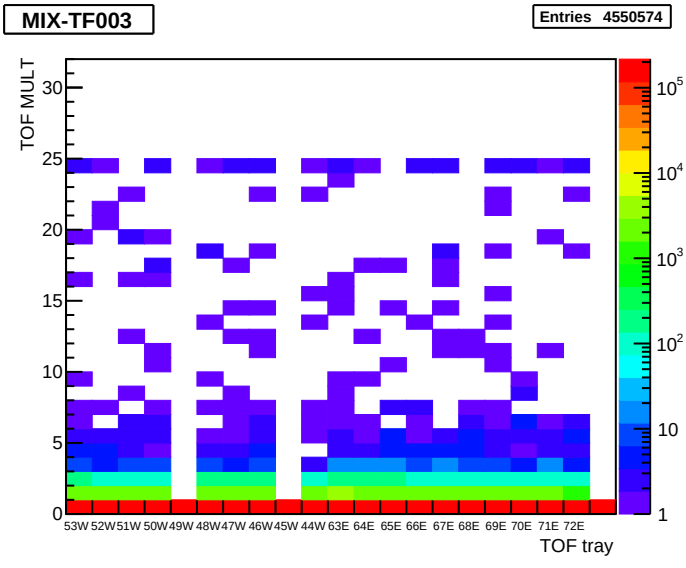

BunchId7Bit (TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

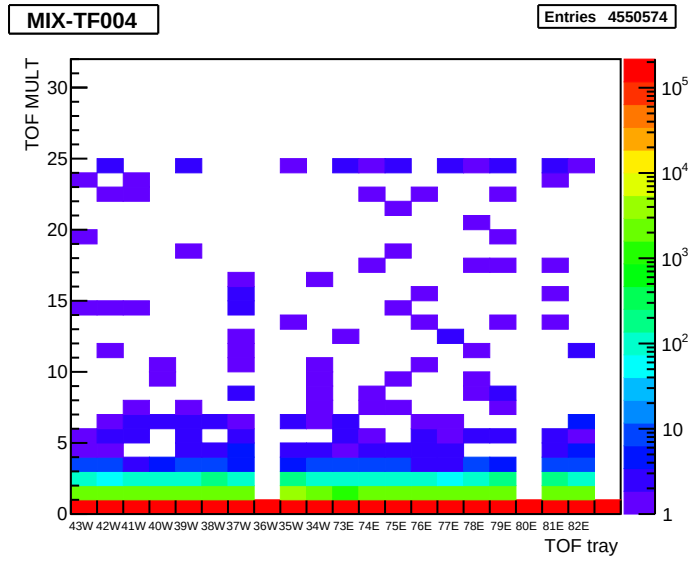

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

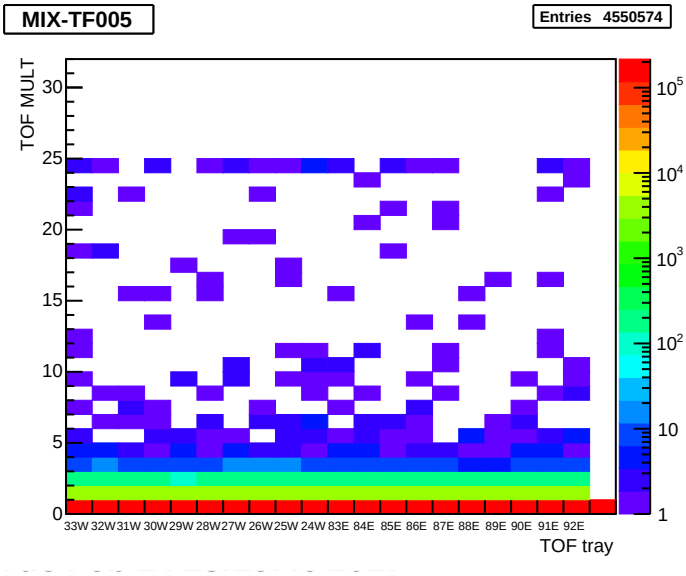

BunchId7Bit (MTD-th2)
Entries 216694
10^{3}
0 20 40 60 80 100 120

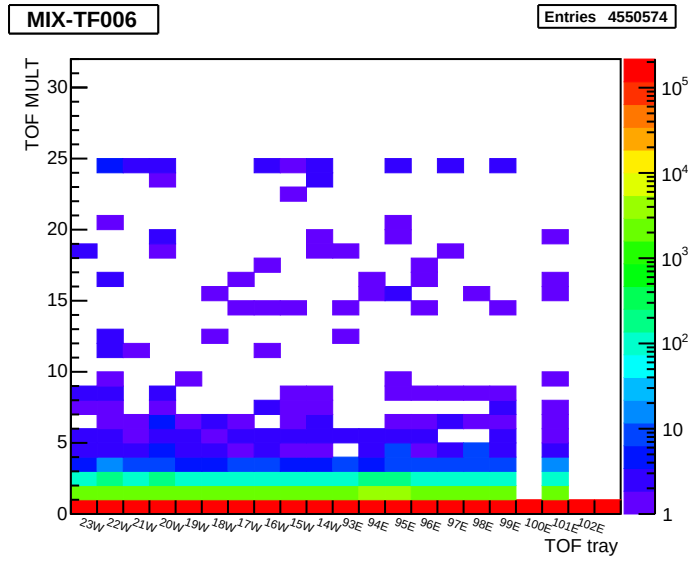

MIX-TF001
Entries 4550574
TOF MULT
TOF tray

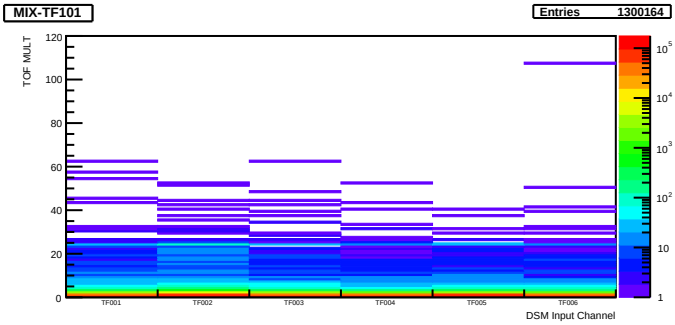

MIX-TF002
Entries 4550574
TOF MULT
TOF tray

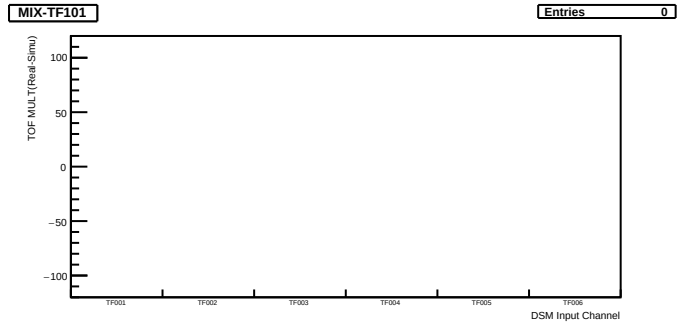

MIX-TF003
Entries 4550574
TOF MULT
TOF tray

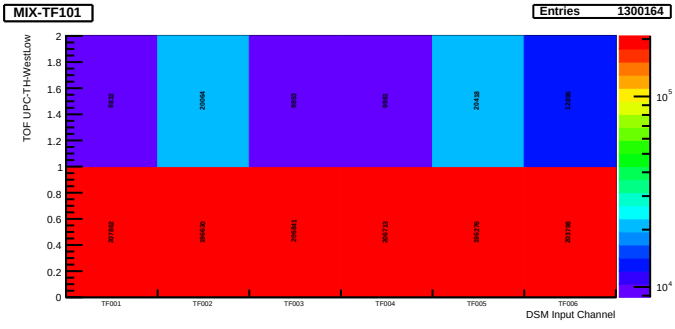

MIX-TF004
Entries 4550574
TOF MULT
TOF tray

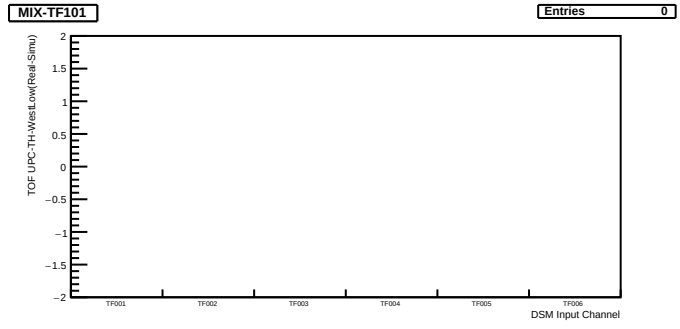

MIX-TF005
Entries 4550574
TOF MULT
TOF tray

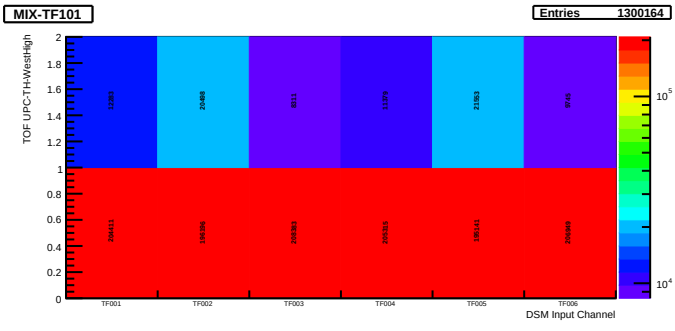

MIX-TF006
Entries 4550574
TOF MULT
TOF tray

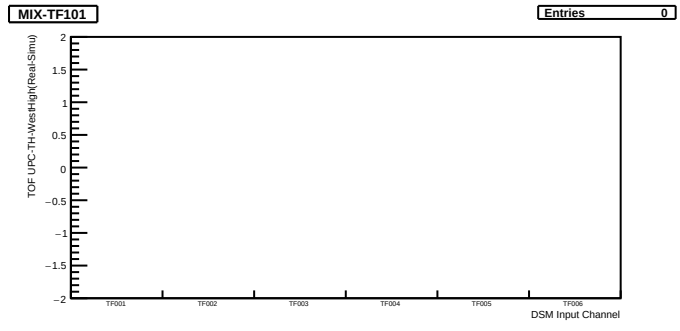

MIX-TF101
Entries 1300164
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

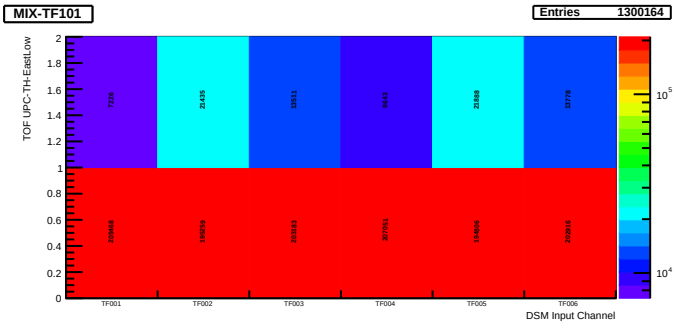

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

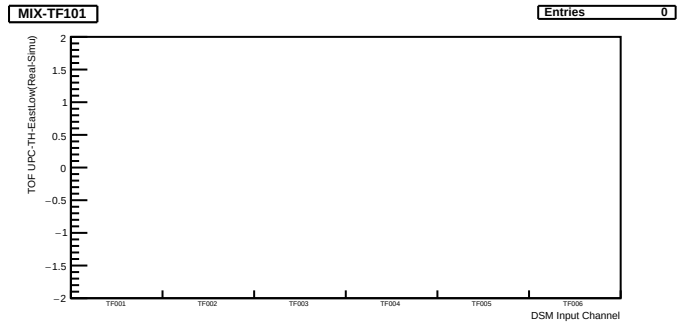

MIX-TF101
Entries 1300164
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

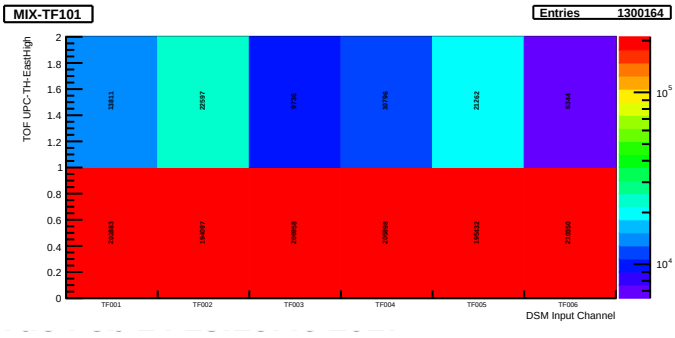

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

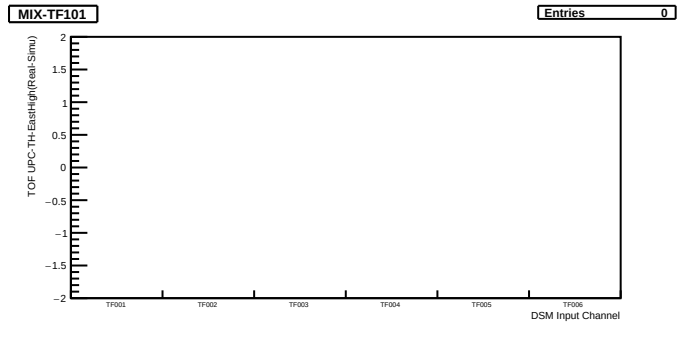

MIX-TF101
Entries 1300164
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

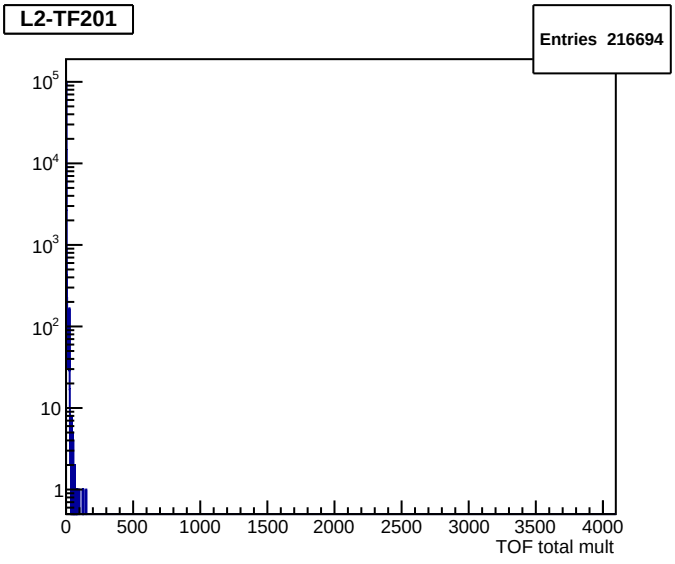

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

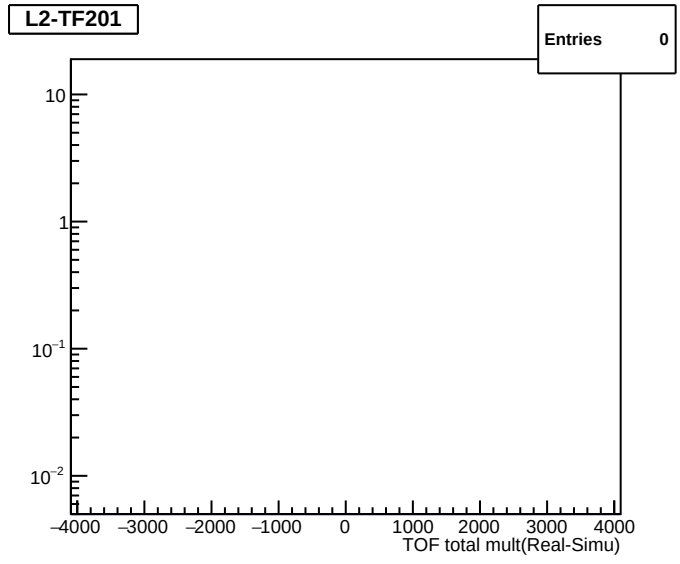

MIX-TF101
Entries 1300164
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

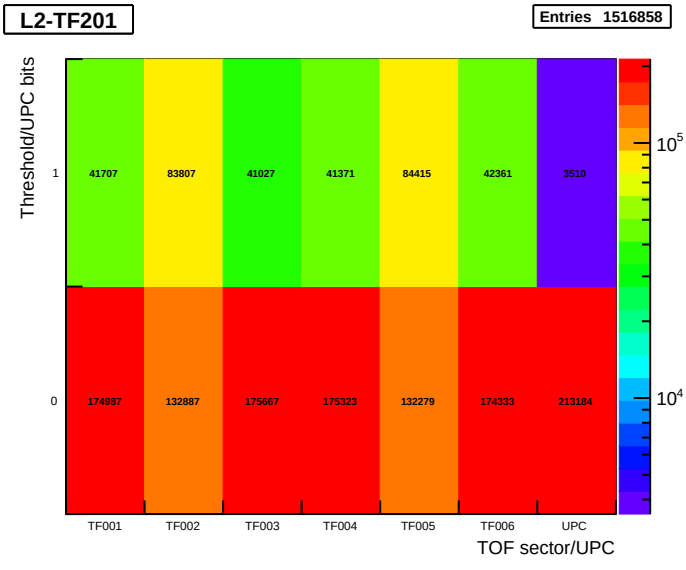

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

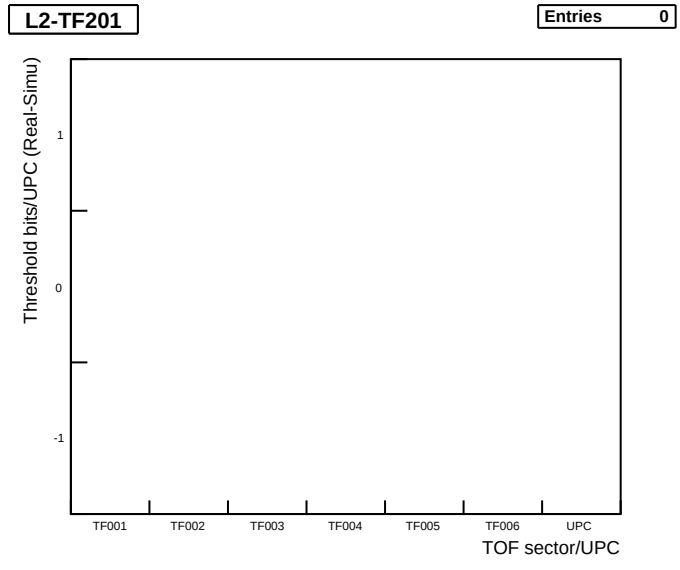

MIX-TF101
Entries 1300164
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

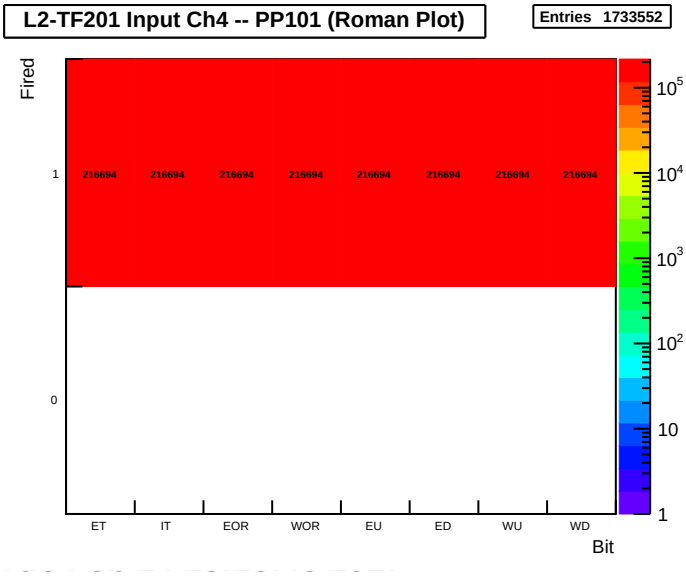

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

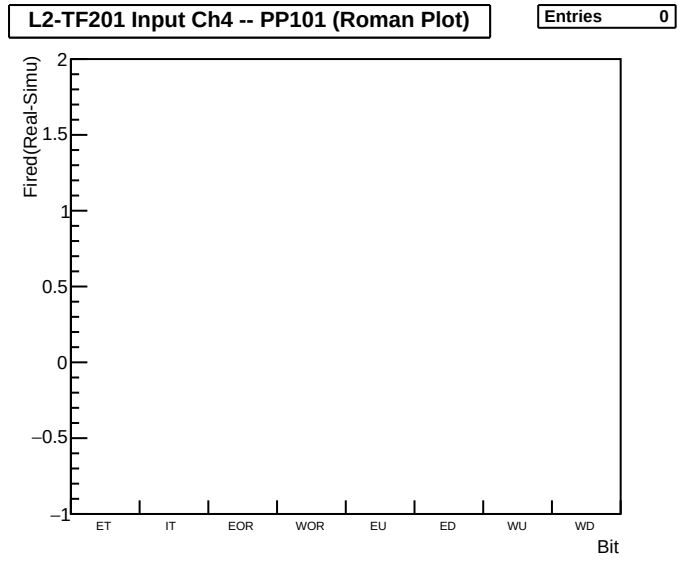

L2-TF201
Entries 216694
TOF total mult

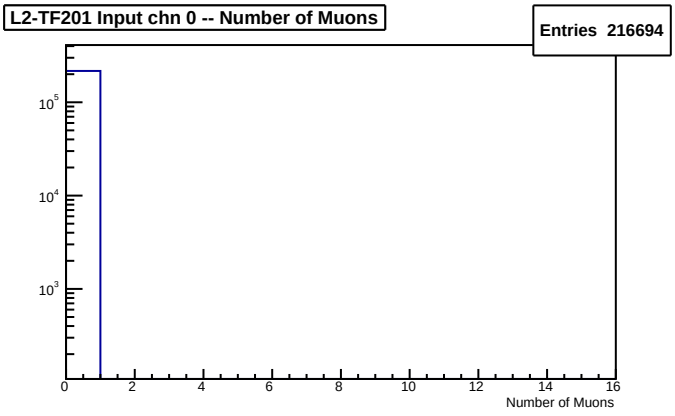

L2-TF201
Entries 0
TOF total mult(Real-Simu)

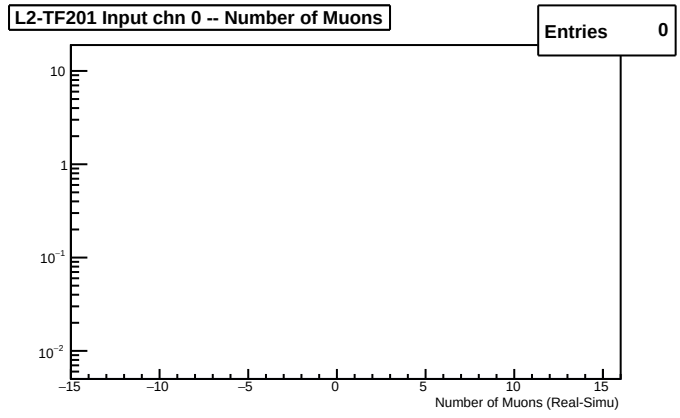

L2-TF201
Entries 1516858
Threshold/UPC bits
41707
83807
41027
41371
84415
42361
3510
174987
132887
175667
175323
132279
174333
213184
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

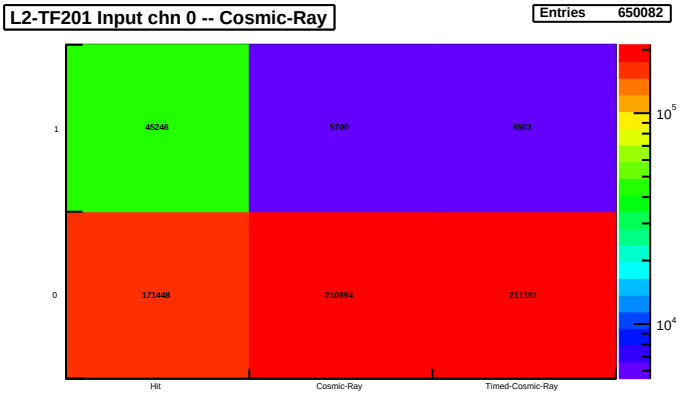

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

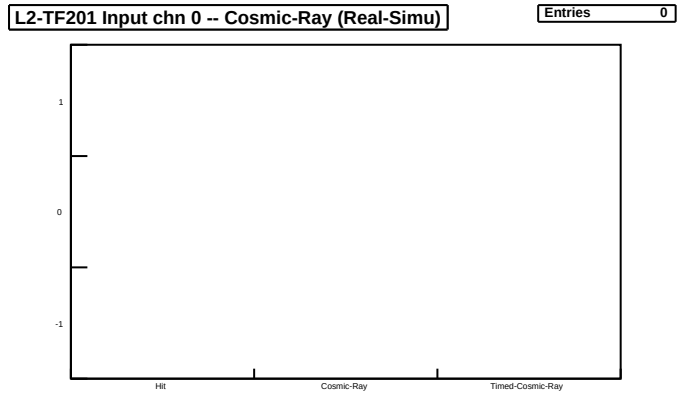

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1733552
Fired
216694
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

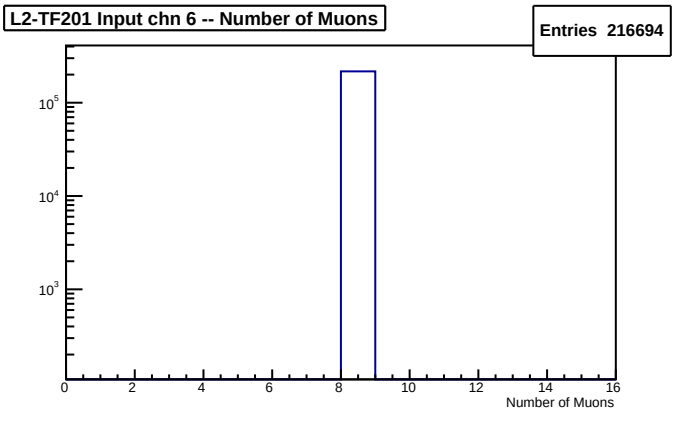

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

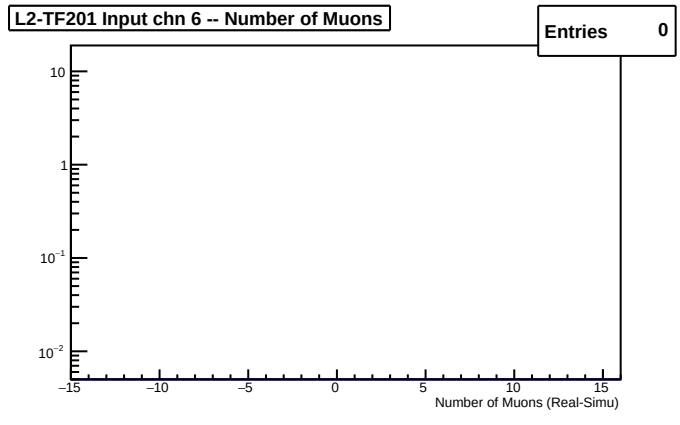

L2-TF201 Input chn 0 -- Number of Muons
Entries 216694
Number of Muons

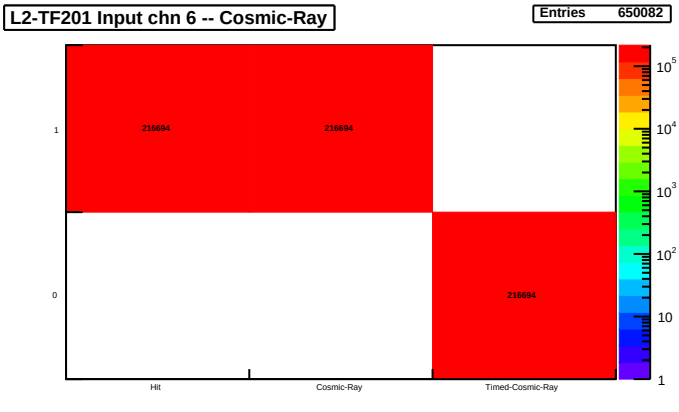

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

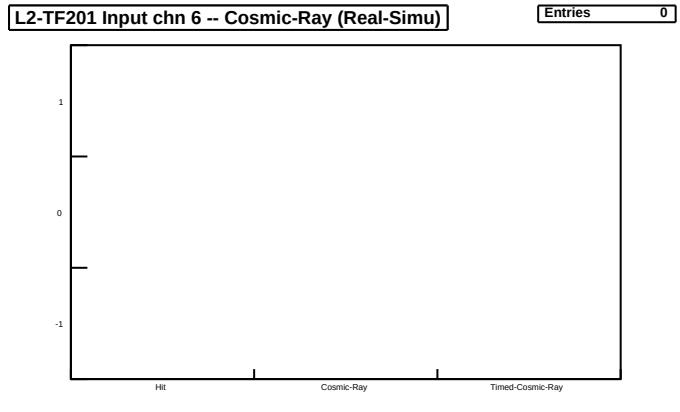

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 650082
45246
5700
5503
171448
210994
211191
Hit
Cosmic-Ray
Timed-Cosmic-Ray

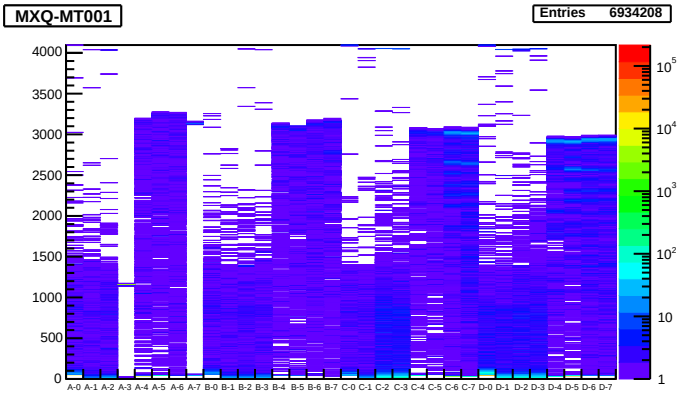

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

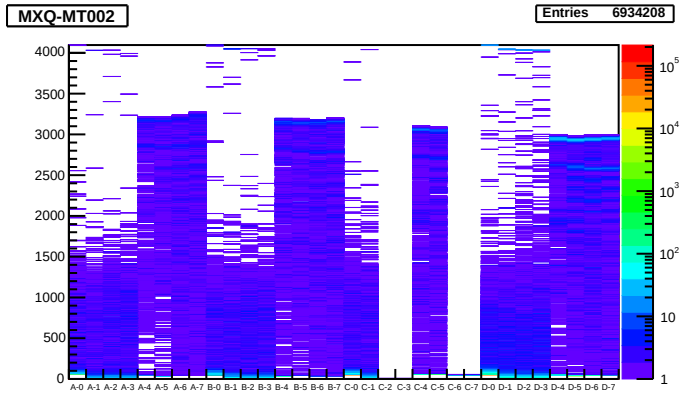

L2-TF201 Input chn 6 -- Number of Muons
Entries 216694
Number of Muons

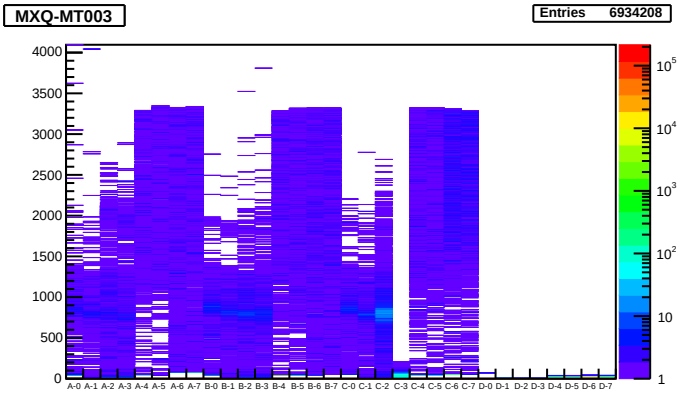

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

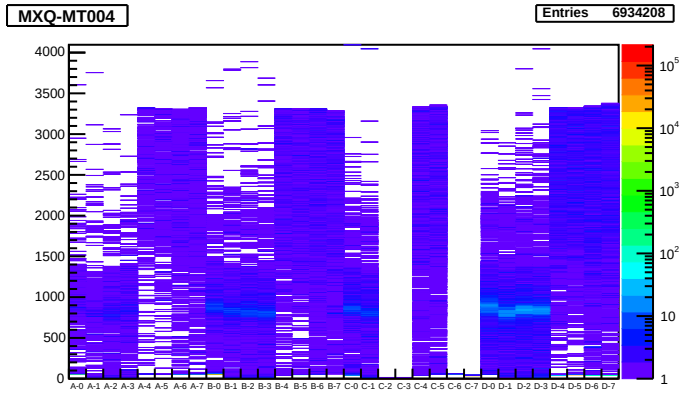

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 650082
216694
216694
216694
Hit
Cosmic-Ray
Timed-Cosmic-Ray

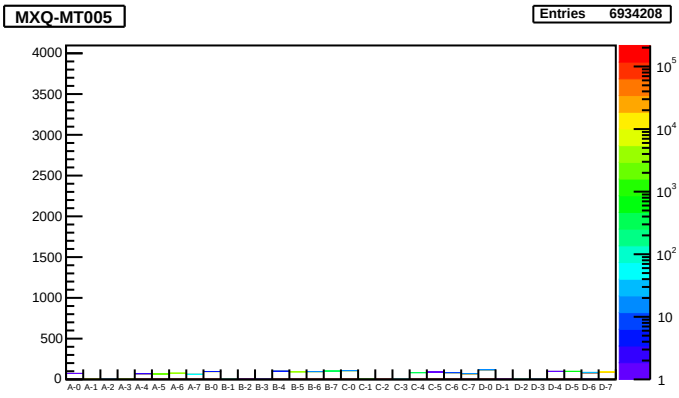

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

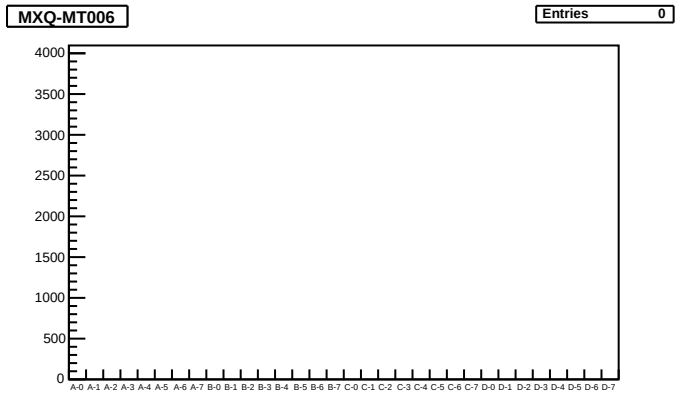

MXQ-MT001
Entries 6934208

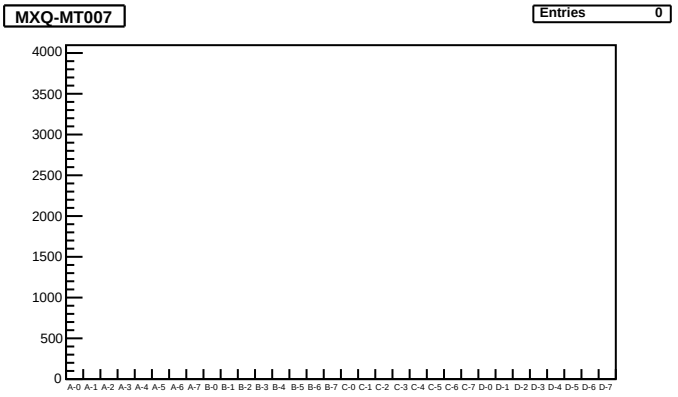

MXQ-MT002
Entries 6934208

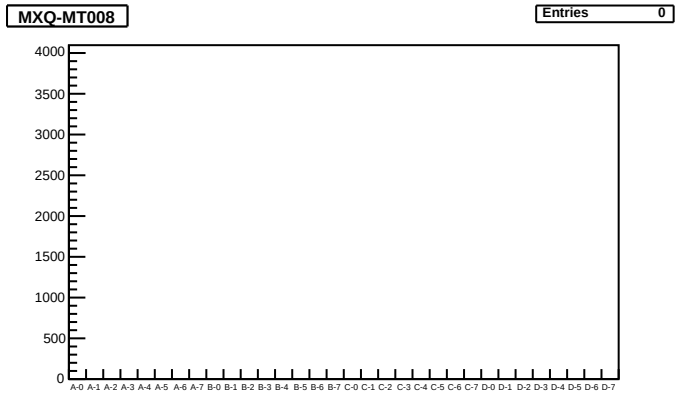

MXQ-MT003
Entries 6934208

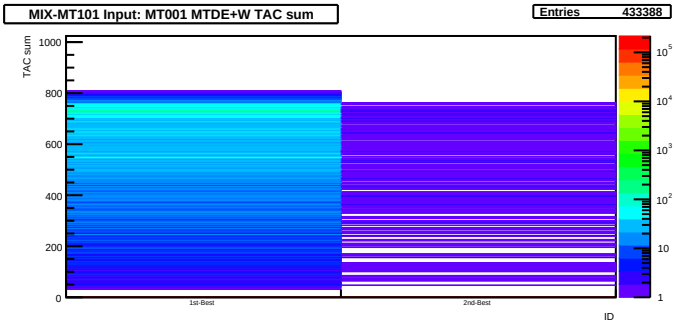

MXQ-MT004
Entries 6934208

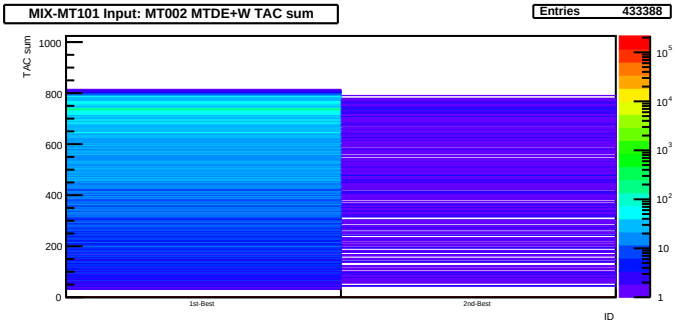

MXQ-MT005
Entries 6934208

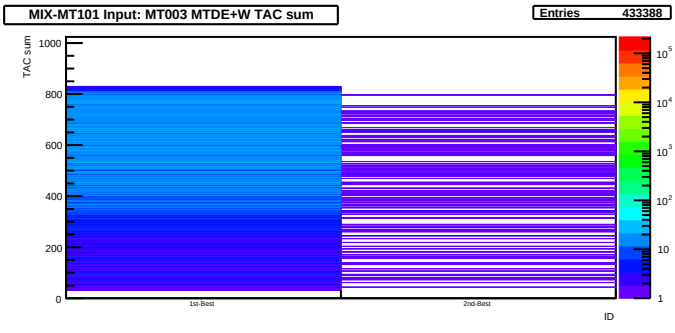

MXQ-MT006
Entries 0

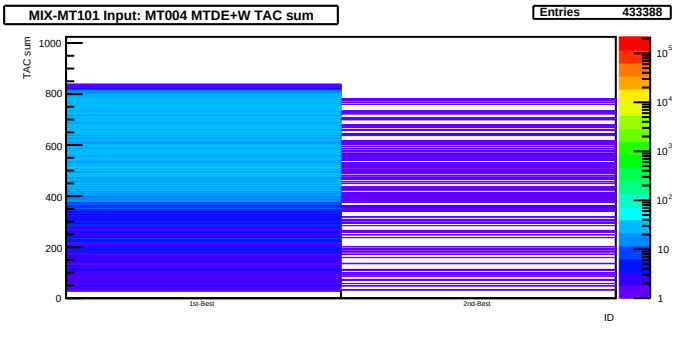

MXQ-MT007
Entries 0

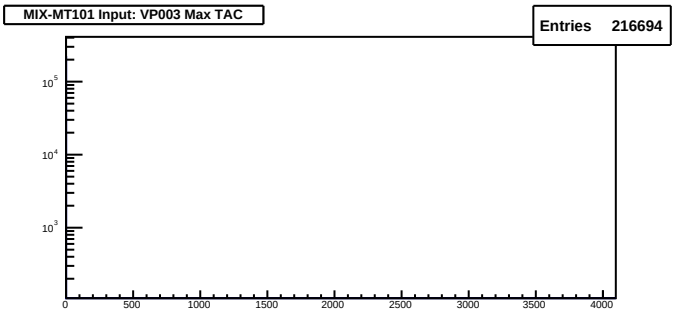

MXQ-MT008
Entries 0

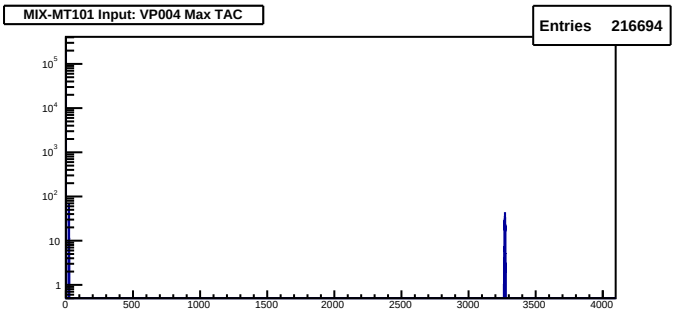

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

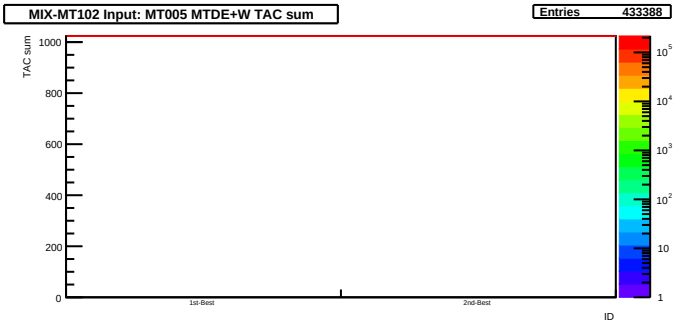

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

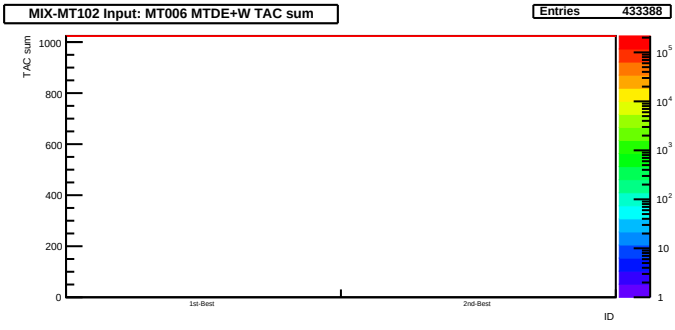

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

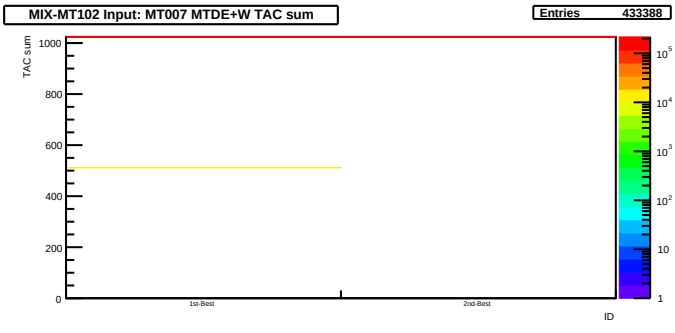

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

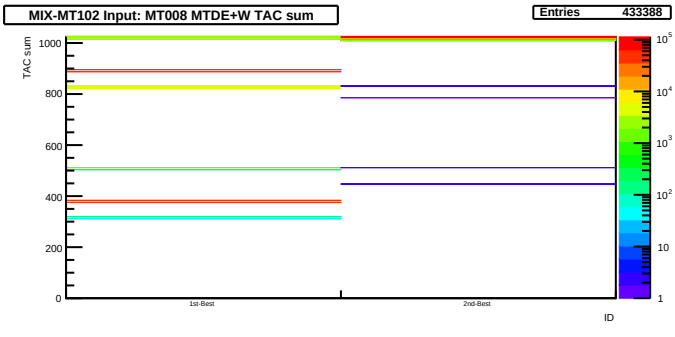

MIX-MT101 Input: VP003 Max TAC
Entries 216694

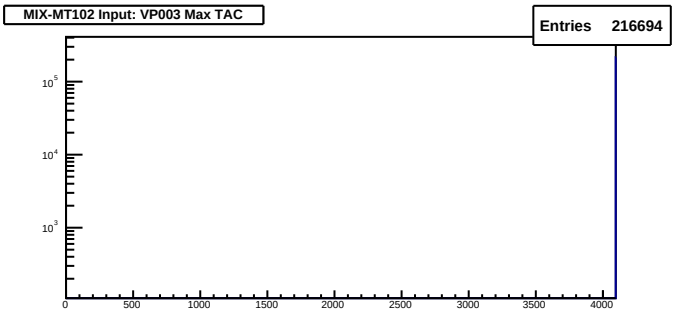

MIX-MT101 Input: VP004 Max TAC
Entries 216694

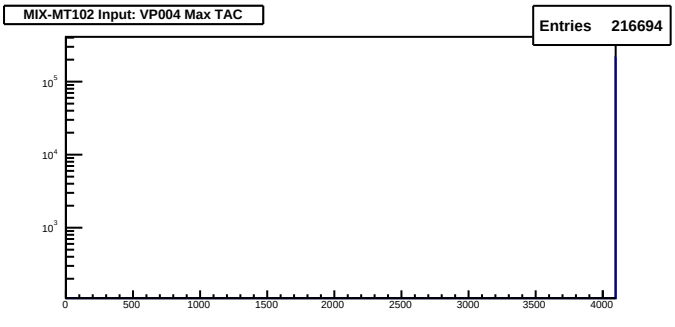

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

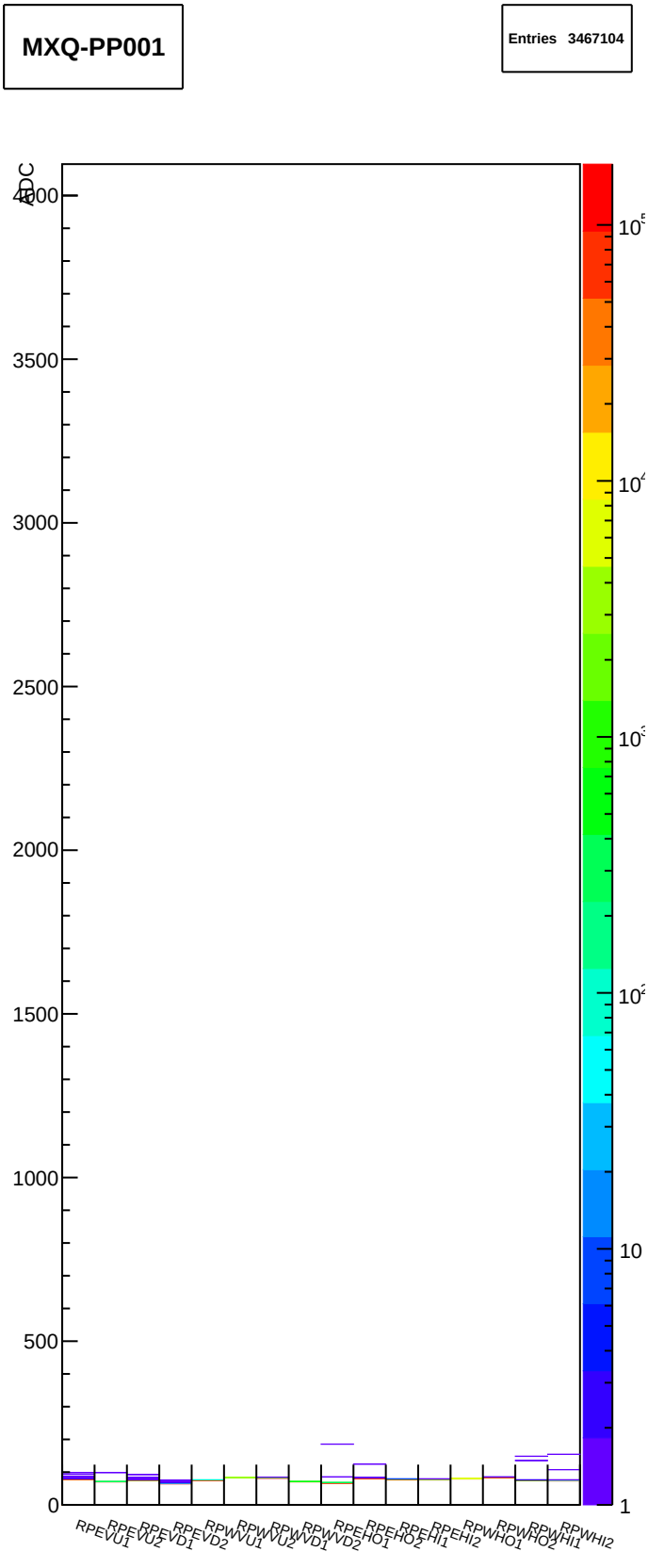

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

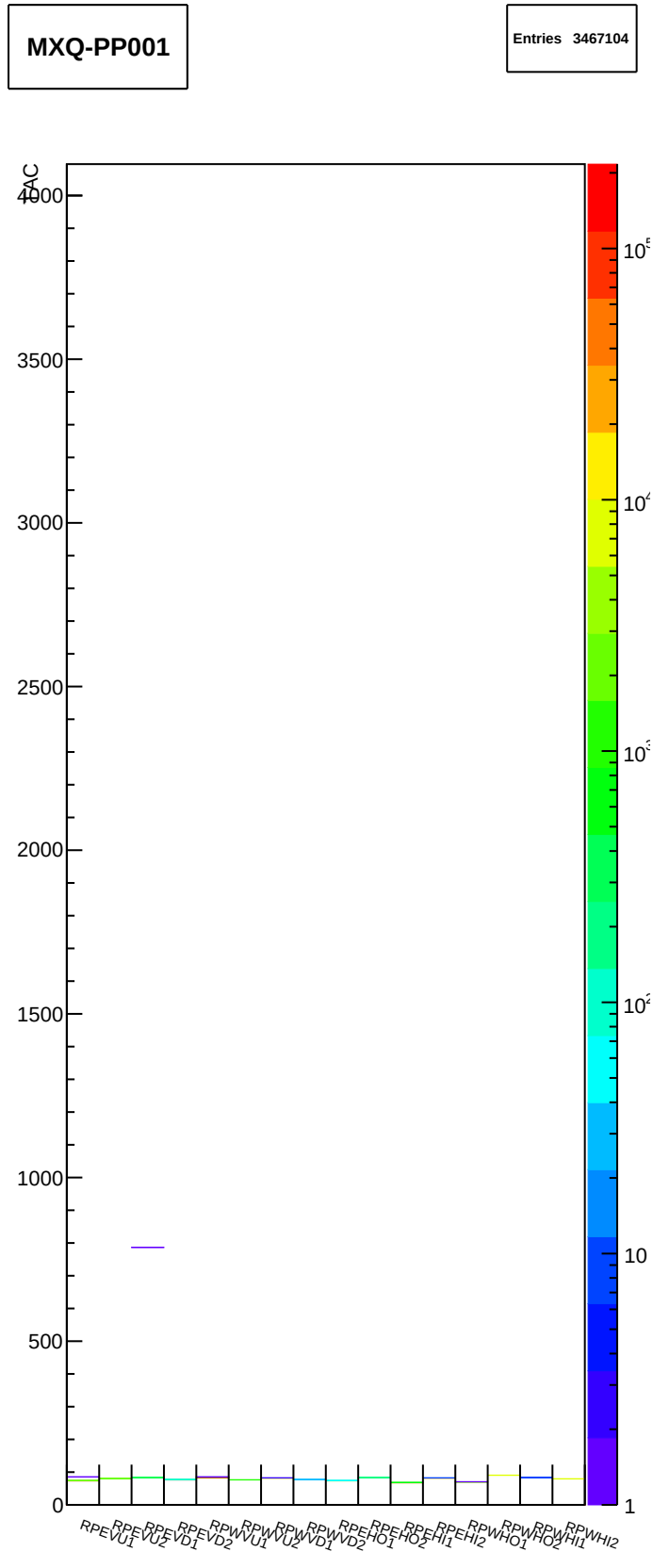

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

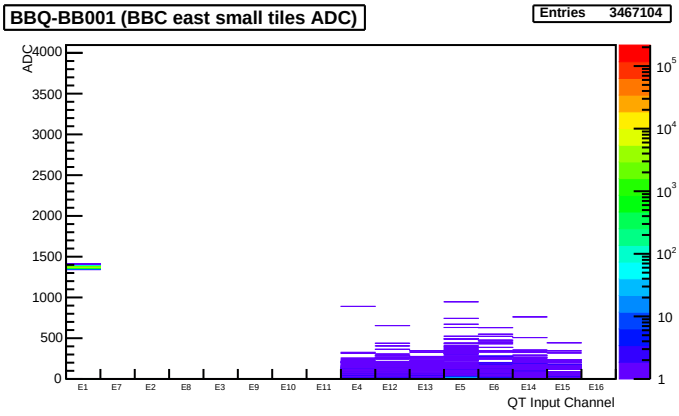

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 433388
TAC sum
1st-Best
2nd-Best
ID

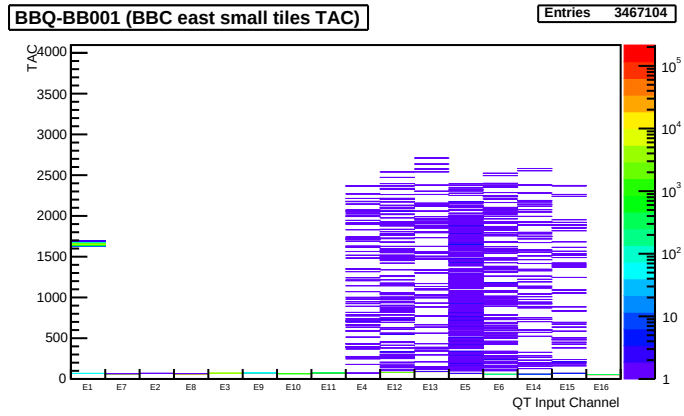

MIX-MT102 Input: VP003 Max TAC
Entries 216694

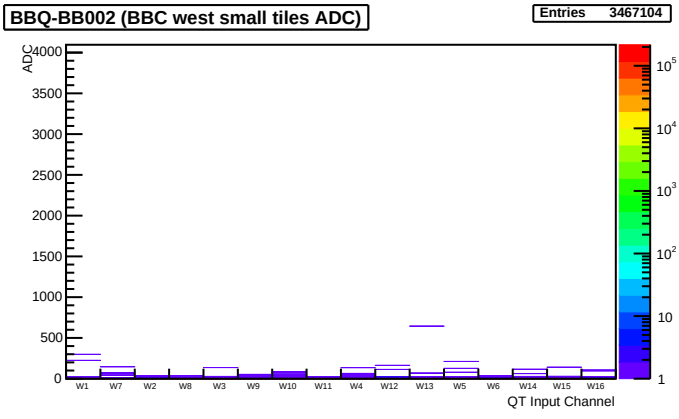

MIX-MT102 Input: VP004 Max TAC
Entries 216694

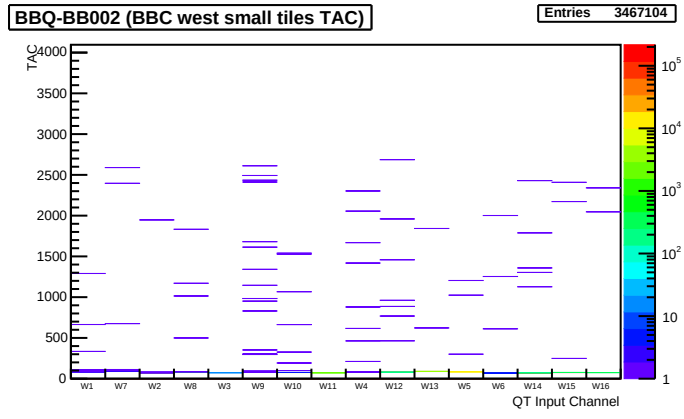

MXQ-PP001
Entries 3467104
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

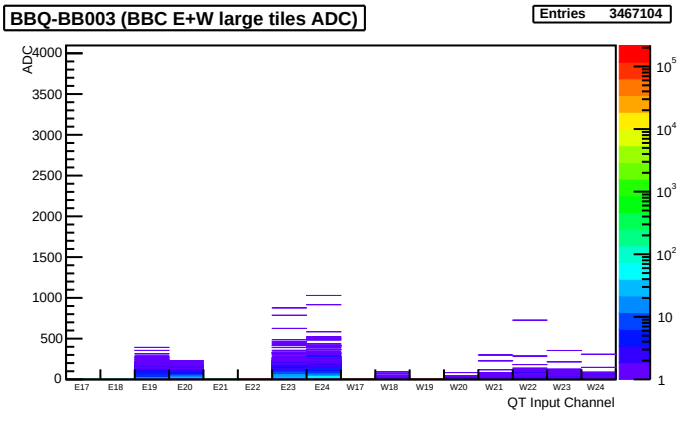

MXQ-PP001
Entries 3467104
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

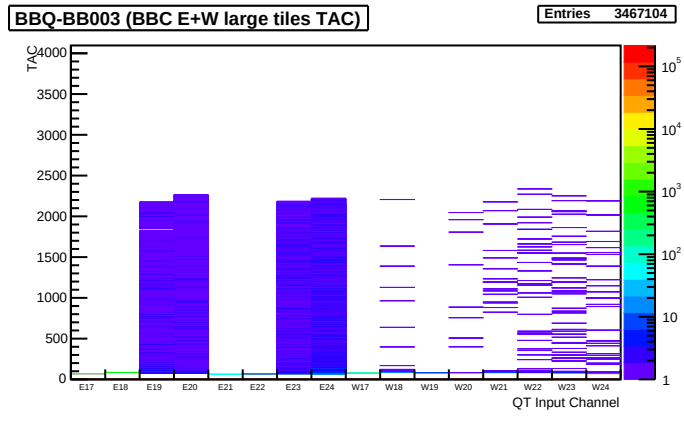

BBQ-BB001 (BBC east small tiles ADC)
Entries 3467104
ADC
QT Input Channel

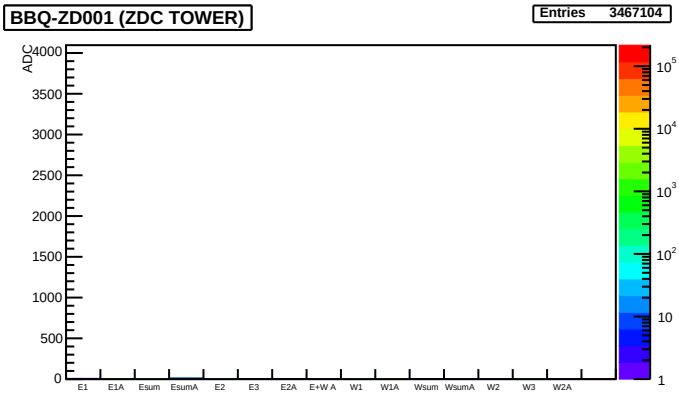

BBQ-BB001 (BBC east small tiles TAC)
Entries 3467104
TAC
QT Input Channel

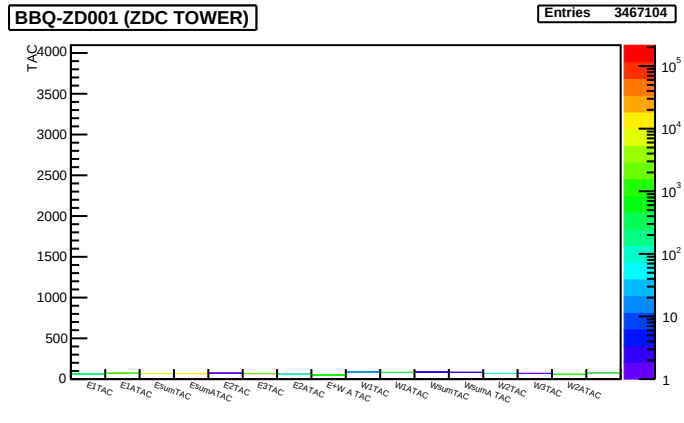

BBQ-BB002 (BBC west small tiles ADC)
Entries 3467104
ADC
QT Input Channel

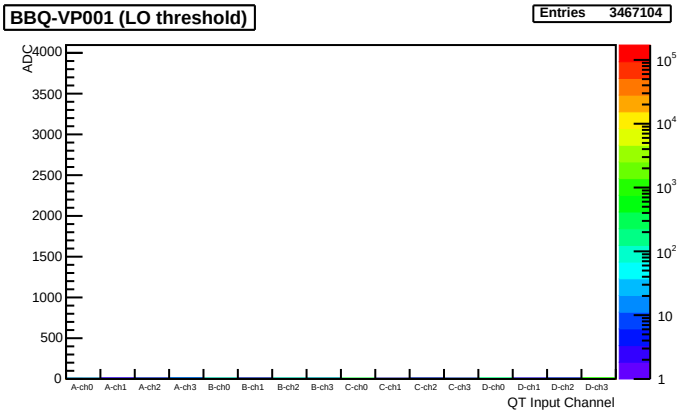

BBQ-BB002 (BBC west small tiles TAC)
Entries 3467104
TAC
QT Input Channel

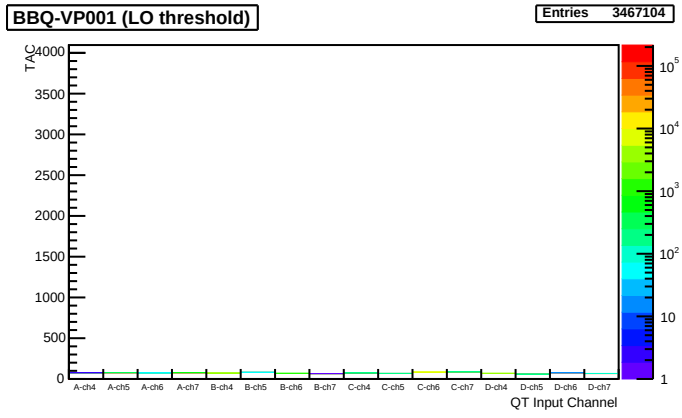

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3467104
ADC
QT Input Channel

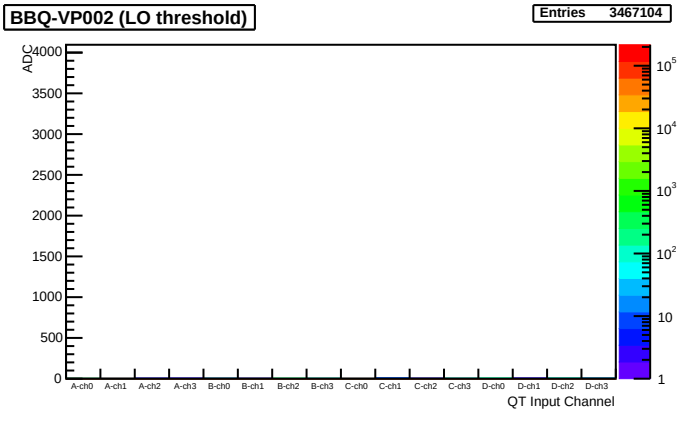

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3467104
TAC
QT Input Channel

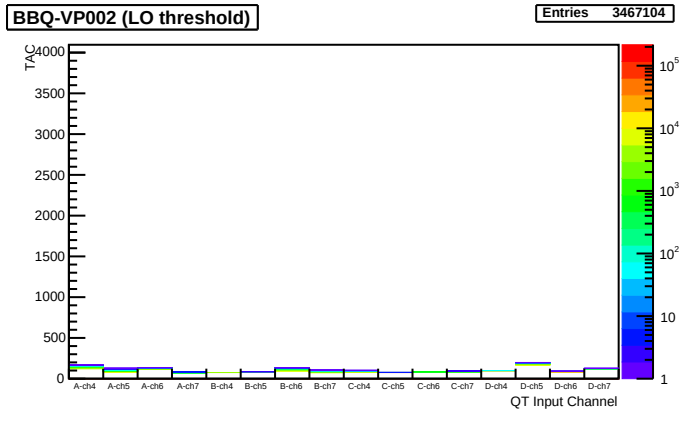

BBQ-ZD001 (ZDC TOWER)
Entries 3467104
ADC

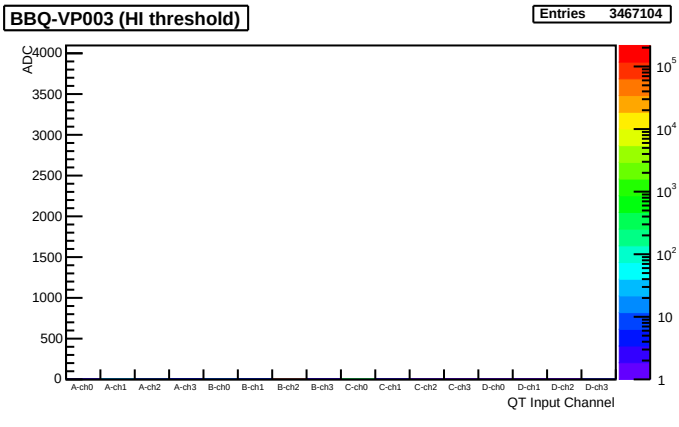

BBQ-ZD001 (ZDC TOWER)
Entries 3467104
TAC

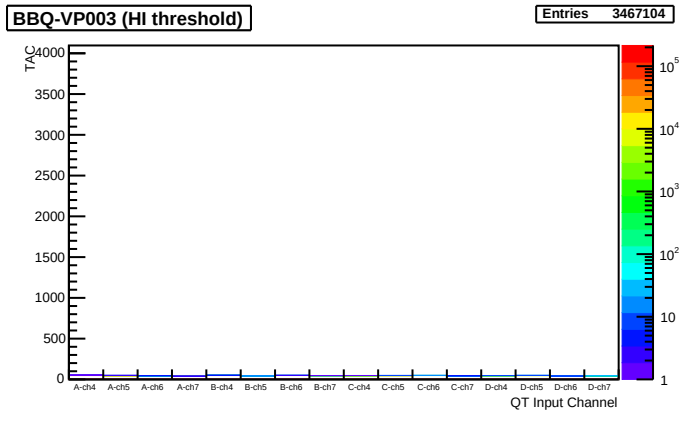

BBQ-VP001 (LO threshold)
Entries 3467104
ADC
QT Input Channel

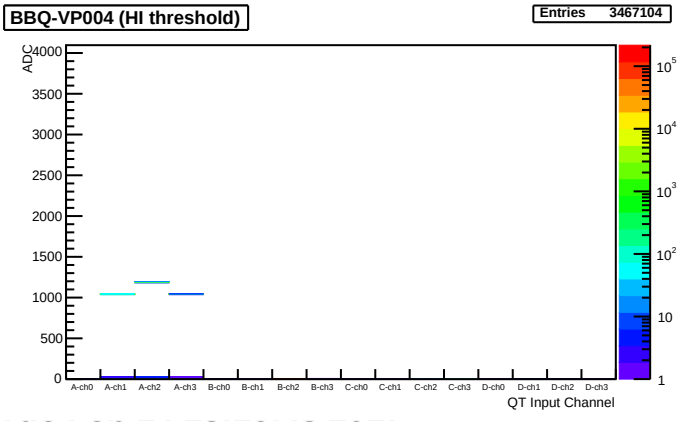

BBQ-VP001 (LO threshold)
Entries 3467104
TAC
QT Input Channel

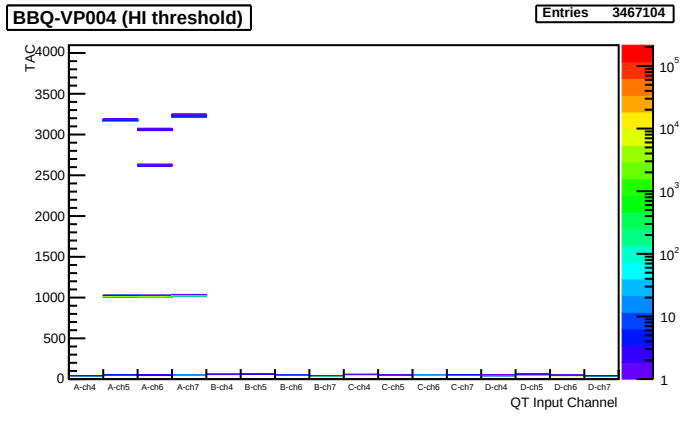

BBQ-VP002 (LO threshold)
Entries 3467104
ADC
QT Input Channel

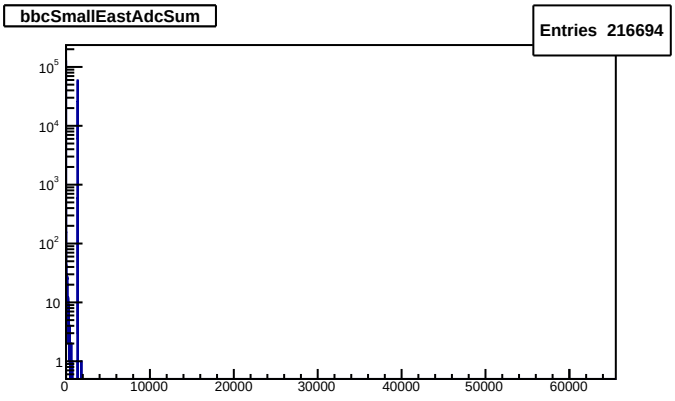

BBQ-VP002 (LO threshold)
Entries 3467104
TAC
QT Input Channel

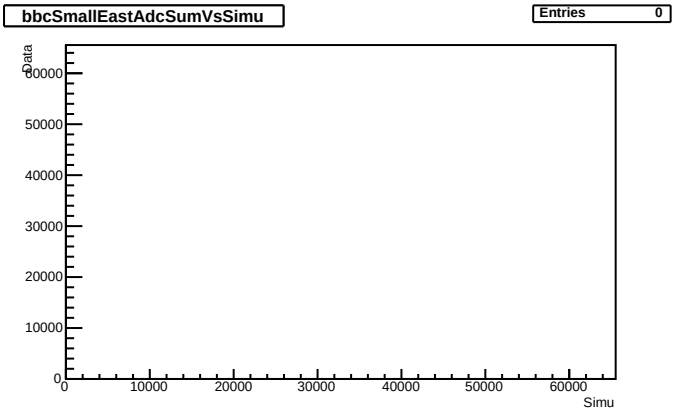

BBQ-VP003 (HI threshold)
Entries 3467104
ADC
QT Input Channel

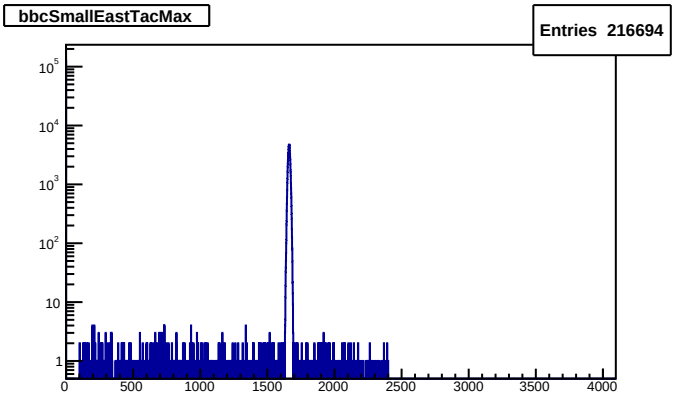

BBQ-VP003 (HI threshold)
Entries 3467104
TAC
QT Input Channel

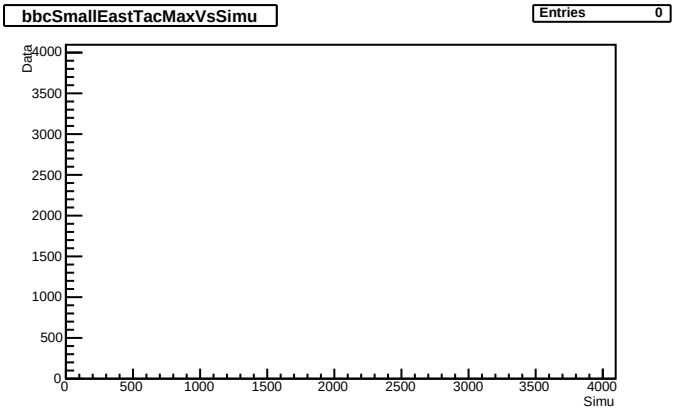

BBQ-VP004 (HI threshold)
Entries 3467104
ADC
QT Input Channel

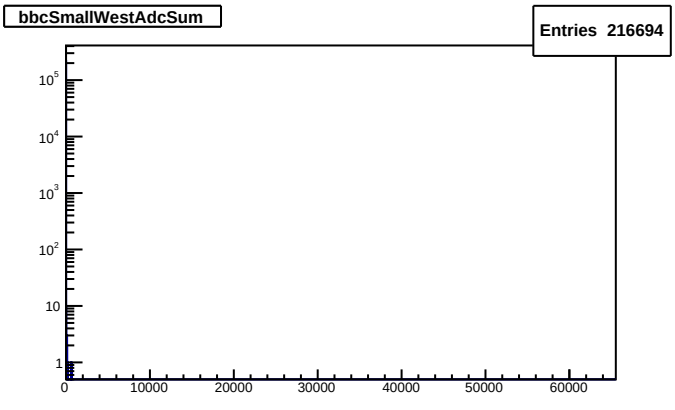

BBQ-VP004 (HI threshold)
Entries 3467104
TAC
QT Input Channel

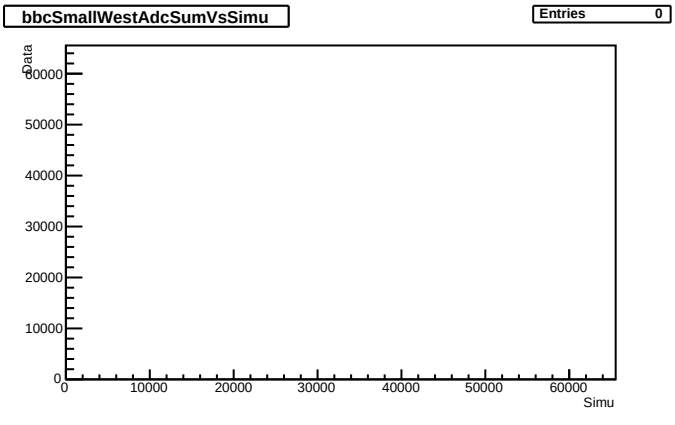

bbcSmallEastAdcSum
Entries 216694

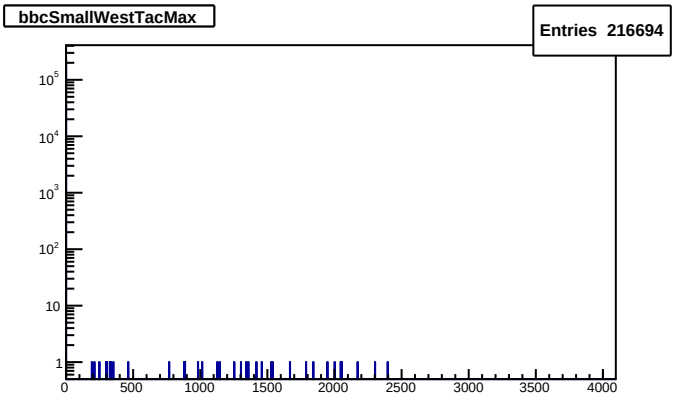

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

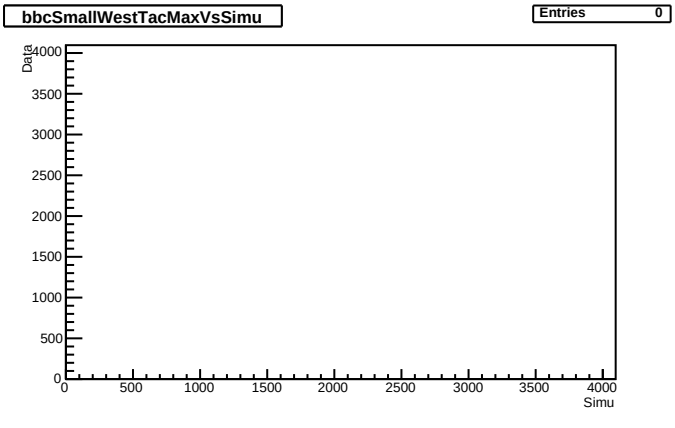

bbcSmallEastTacMax
Entries 216694

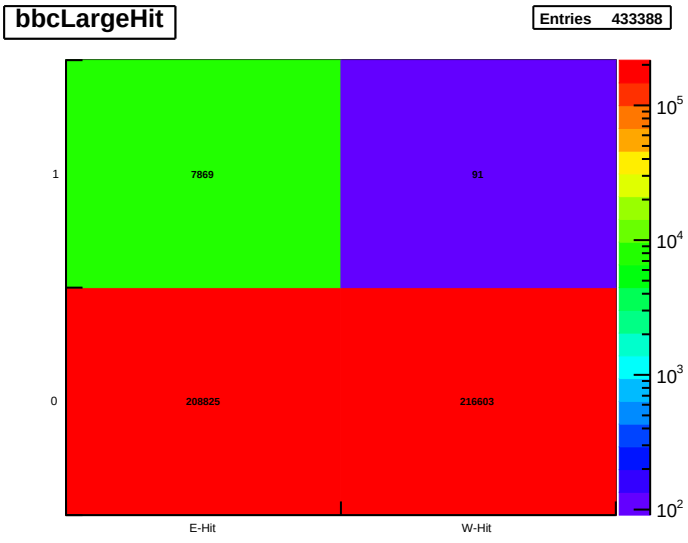

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

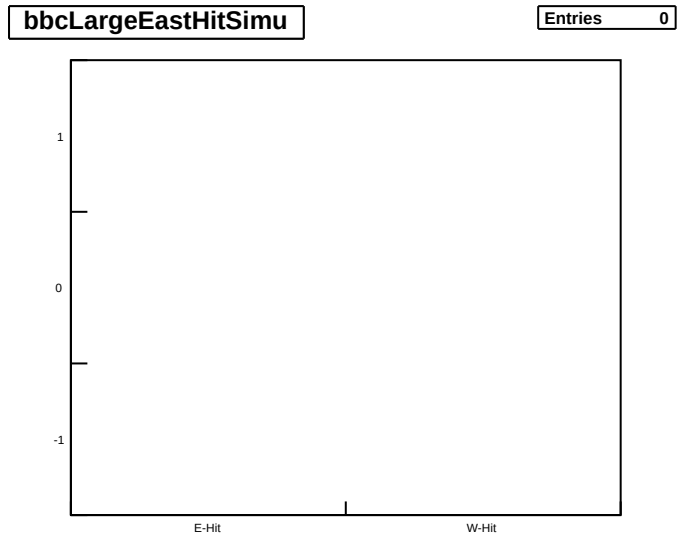

bbcSmallWestAdcSum
Entries 216694

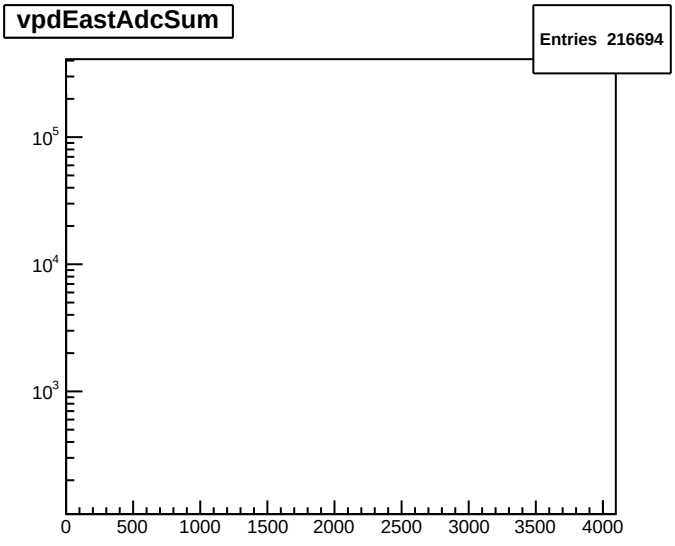

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

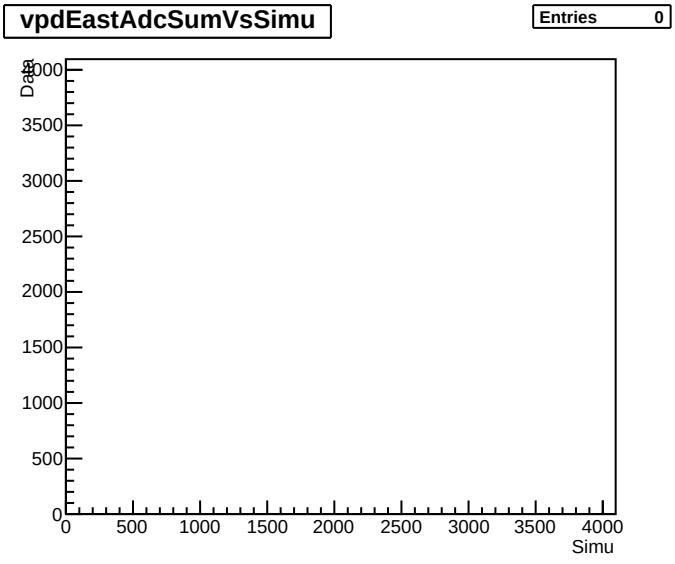

bbcSmallWestTacMax
Entries 216694

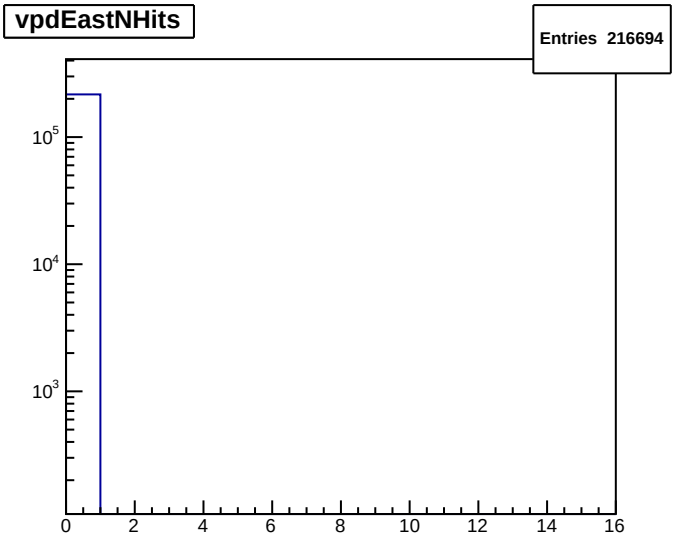

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

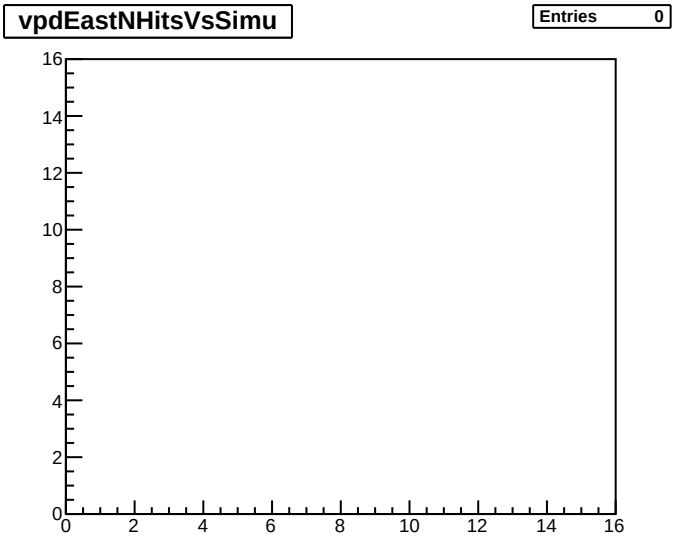

bbcLargeHit
Entries 433388
7869
91
208825
216603
1
0
E-Hit
W-Hit
10^5
10^4
10^3
10^2

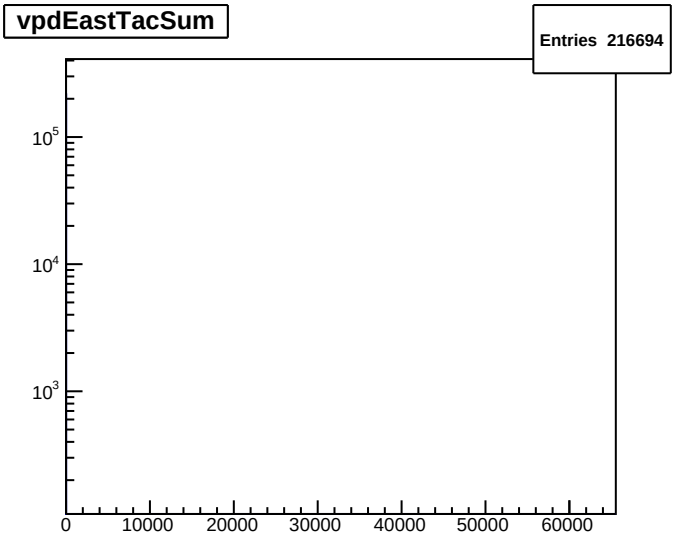

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

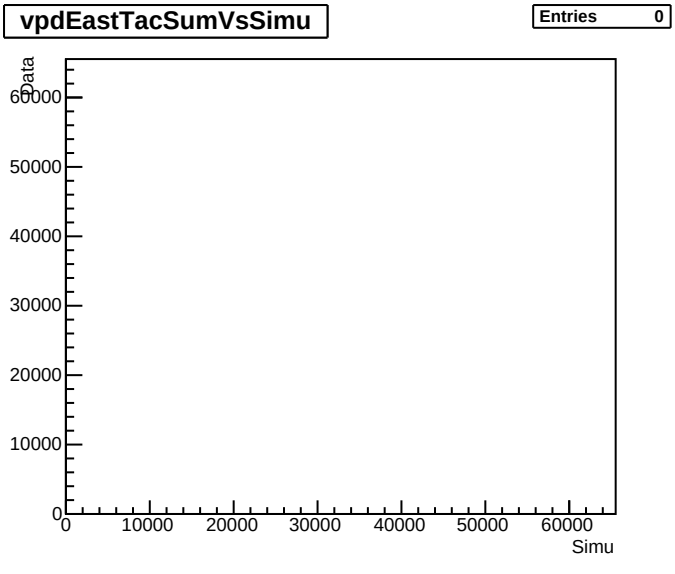

vpdEastAdcSum
Entries 216694
10^5
10^4
10^3
0 500 1000 1500 2000 2500 3000 3500 4000

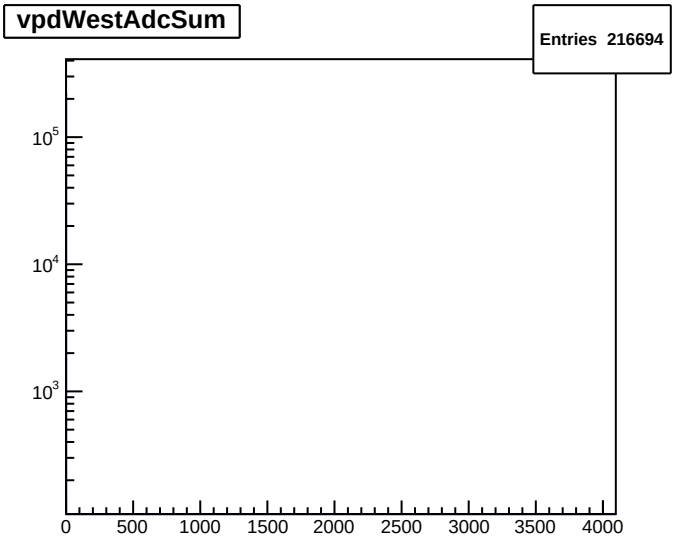

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

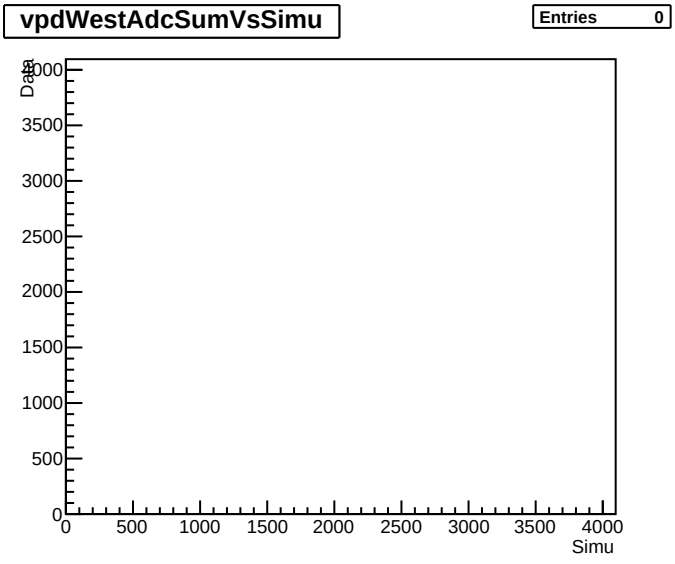

vpdEastNHits
Entries 216694
10^5
10^4
10^3
0 2 4 6 8 10 12 14 16

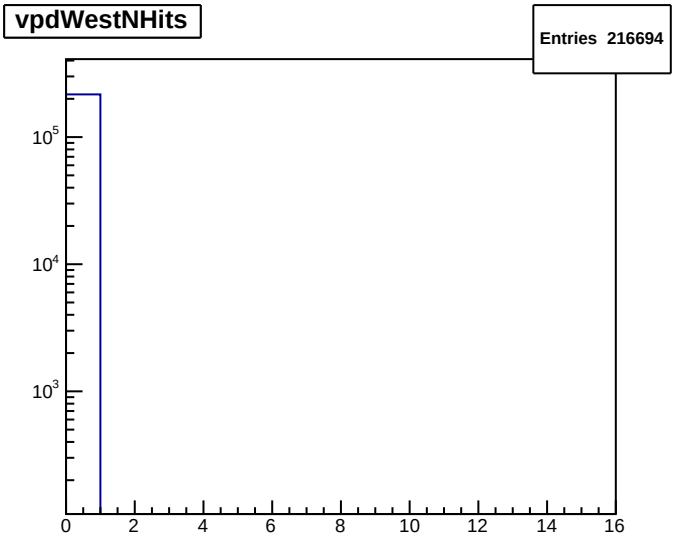

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

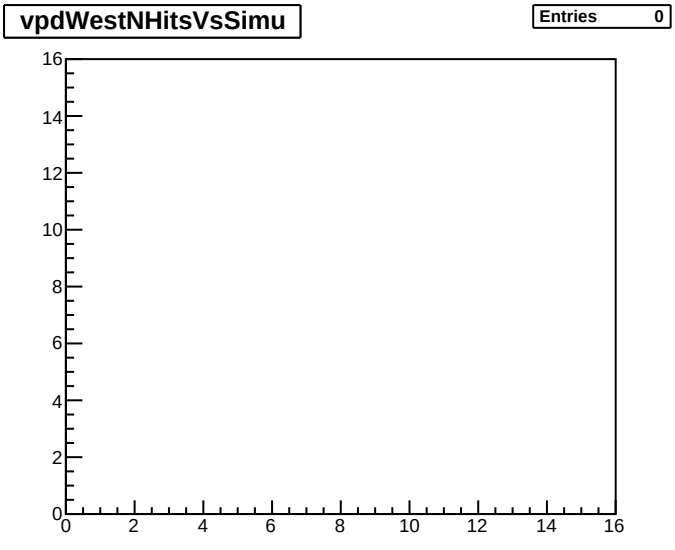

vpdEastTacSum
Entries 216694
10^5
10^4
10^3
0 10000 20000 30000 40000 50000 60000

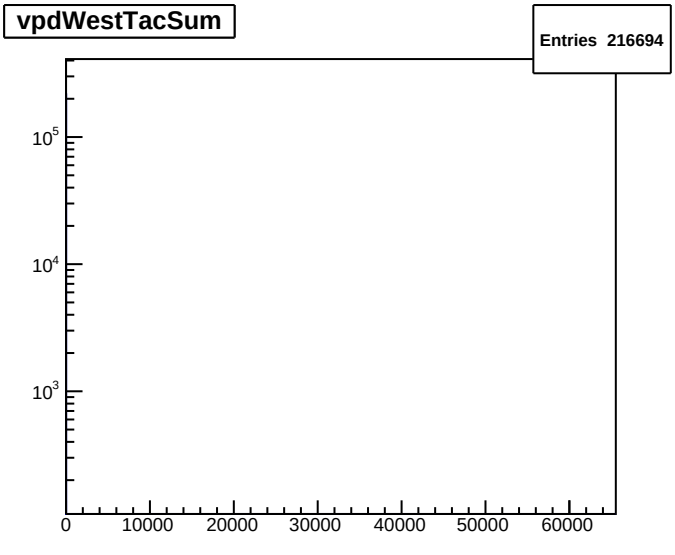

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

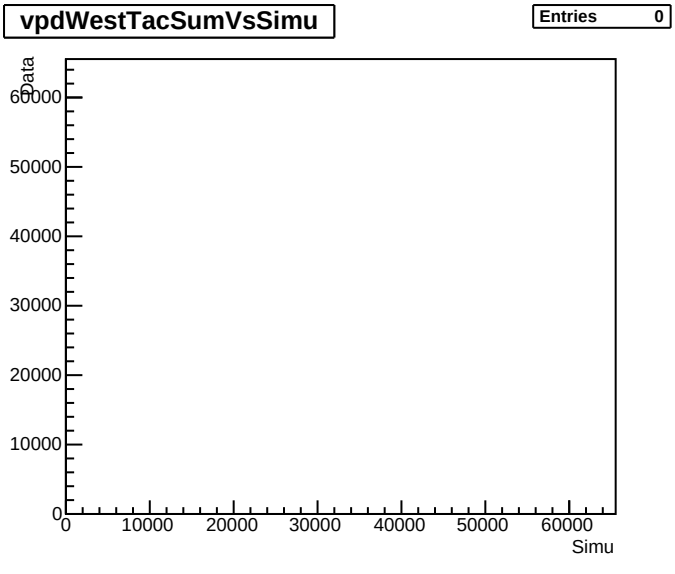

vpdWestAdcSum
Entries 216694
10^5
10^4
10^3
0 500 1000 1500 2000 2500 3000 3500 4000

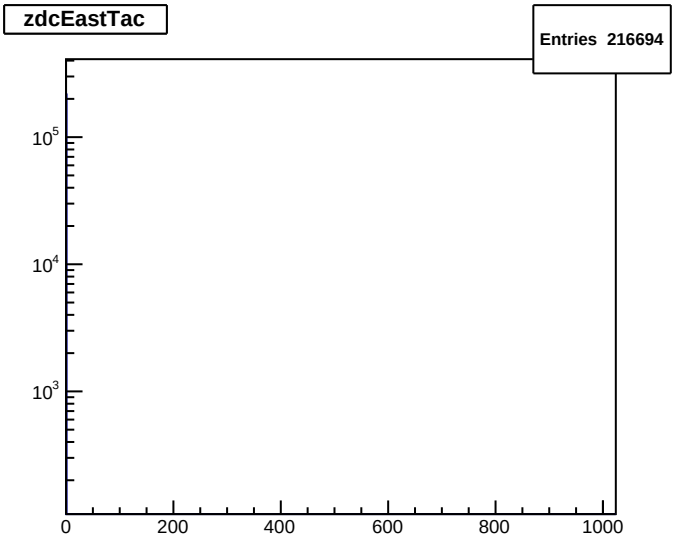

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

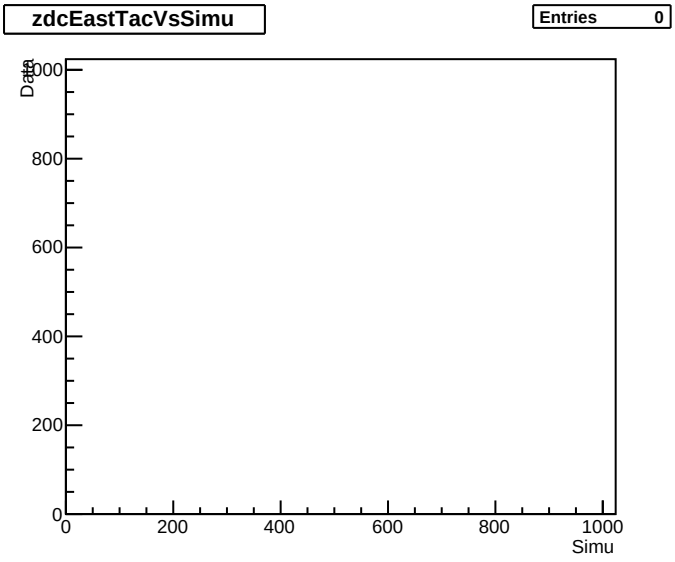

vpdWestNHits
Entries 216694
10^5
10^4
10^3
0 2 4 6 8 10 12 14 16

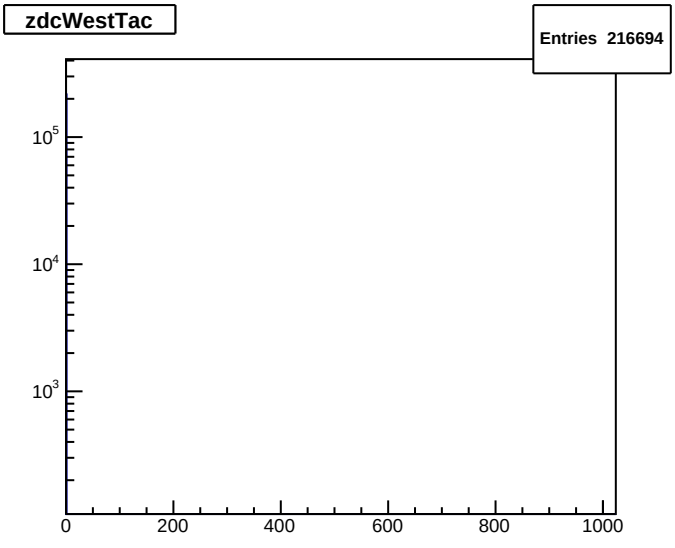

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

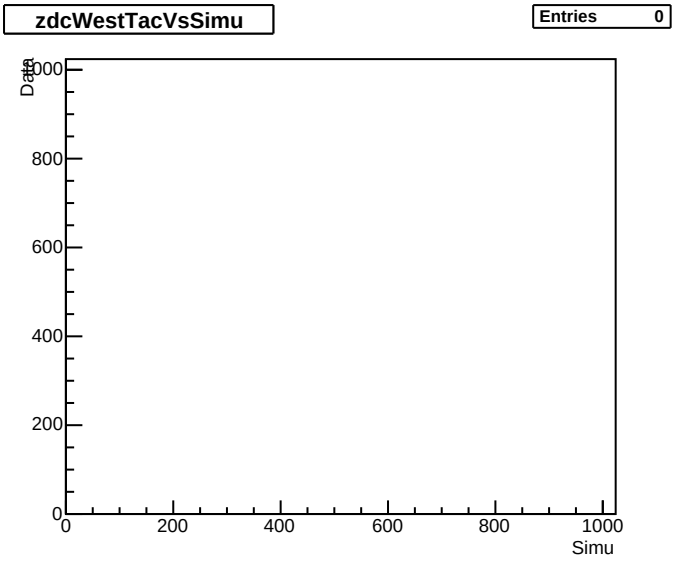

vpdWestTacSum
Entries 216694
10^5
10^4
10^3
0 10000 20000 30000 40000 50000 60000

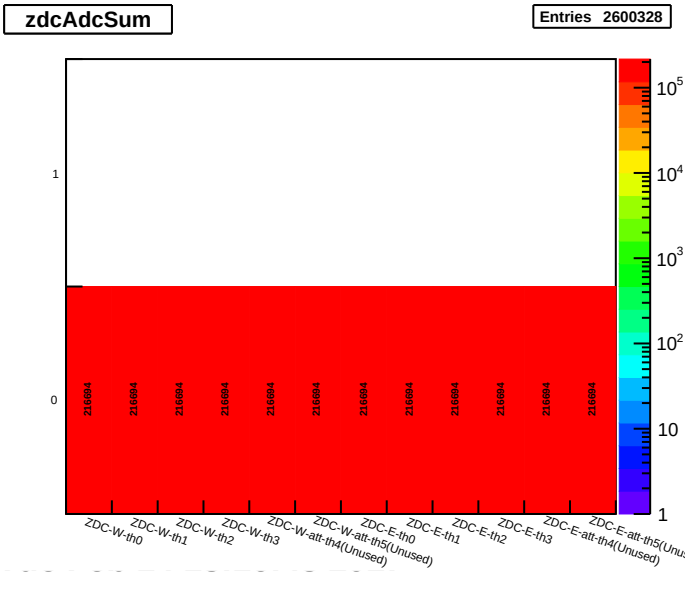

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

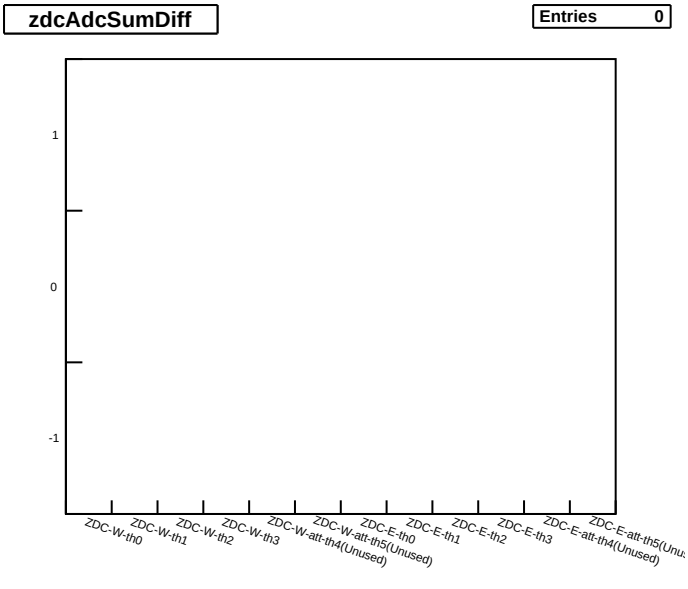

zdcEastTac
Entries 216694
10^5
10^4
10^3
0
200
400
600
800
1000

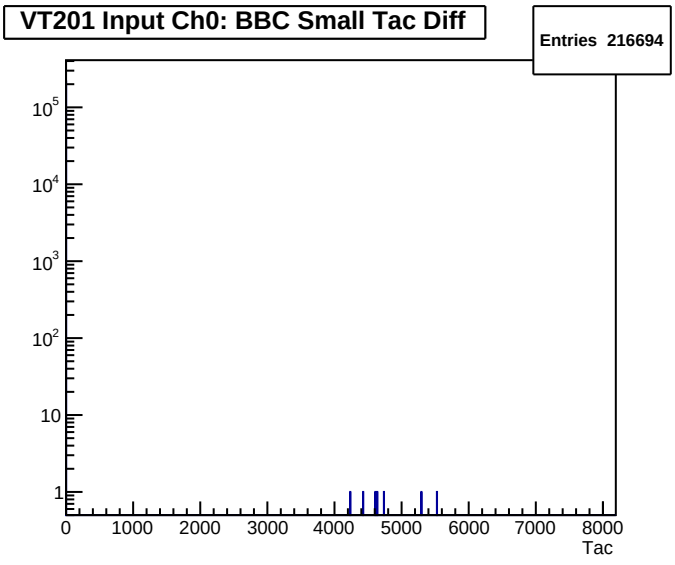

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

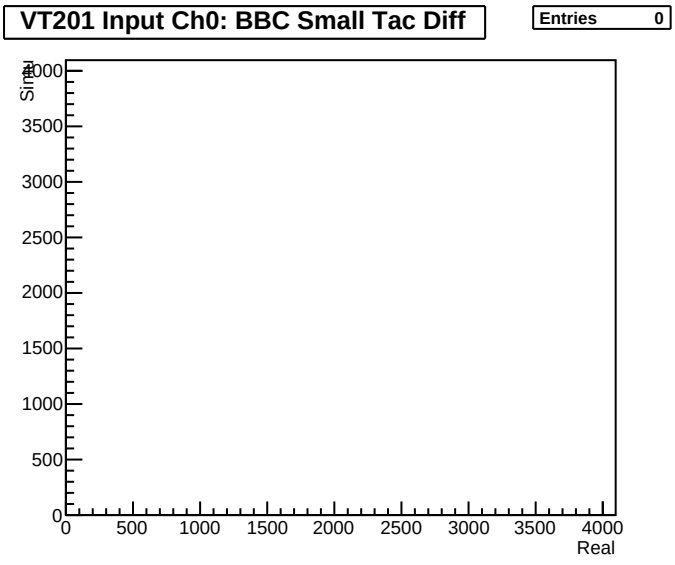

zdcWestTac
Entries 216694
10^5
10^4
10^3
0
200
400
600
800
1000

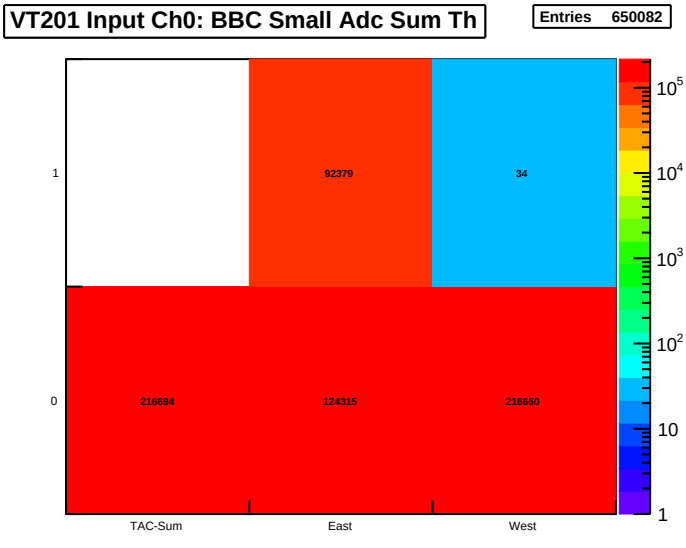

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

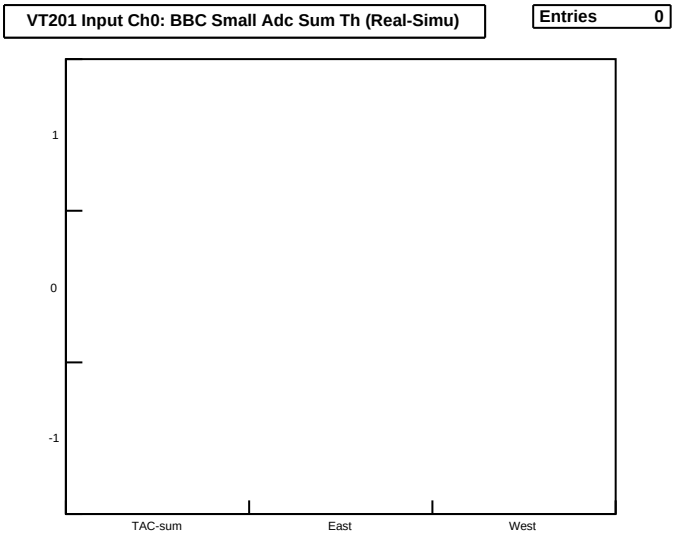

zdcAdcSum
Entries 2600328
1
0
216694
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

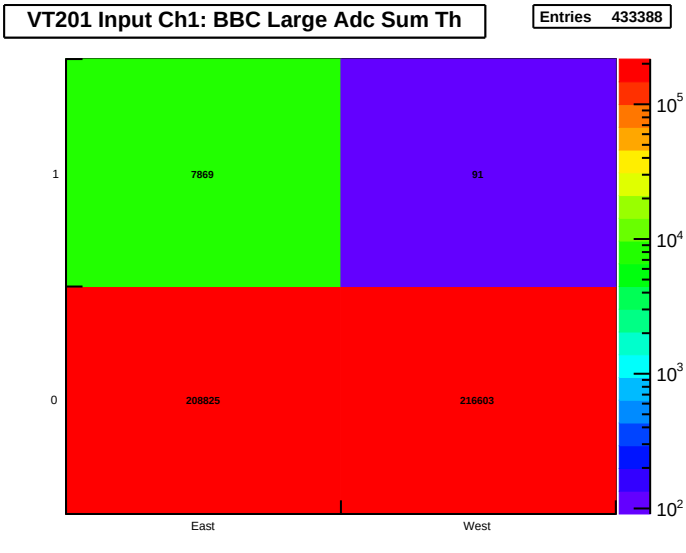

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

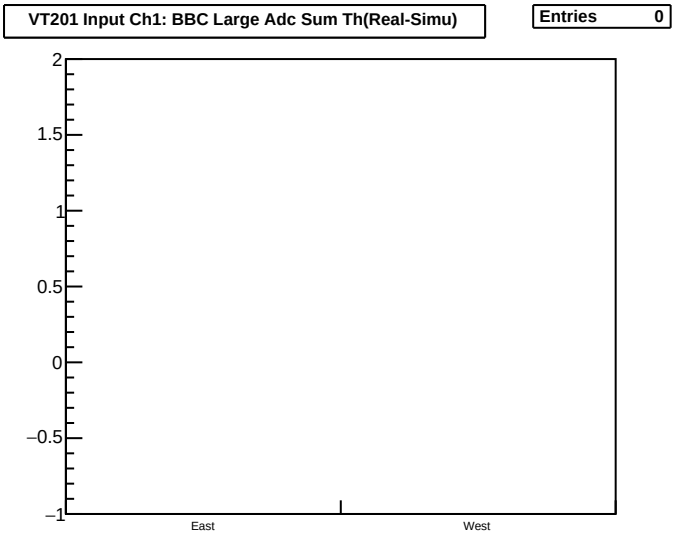

VT201 Input Ch0: BBC Small Tac Diff
Entries 216694
Tac


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

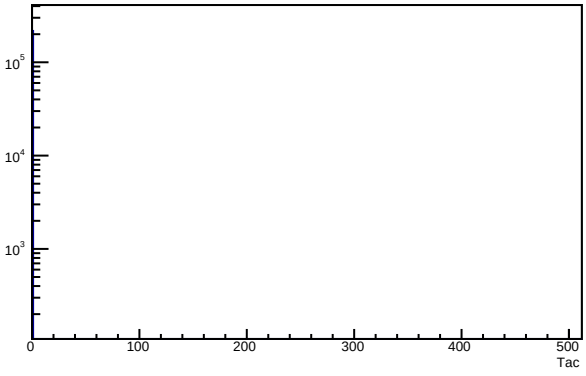

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 650082
92379
34
216694
124315
216660
TAC-Sum
East
West


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

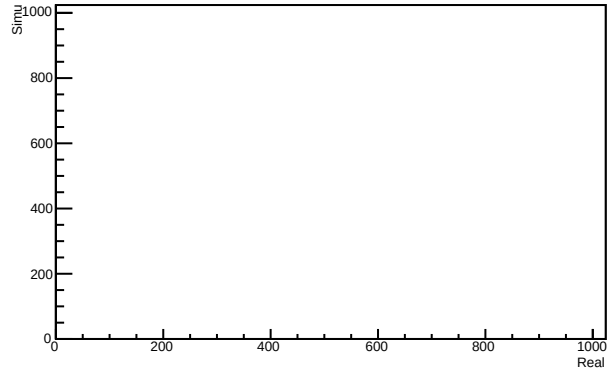

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 433388
7869
91
208825
216603
East
West


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

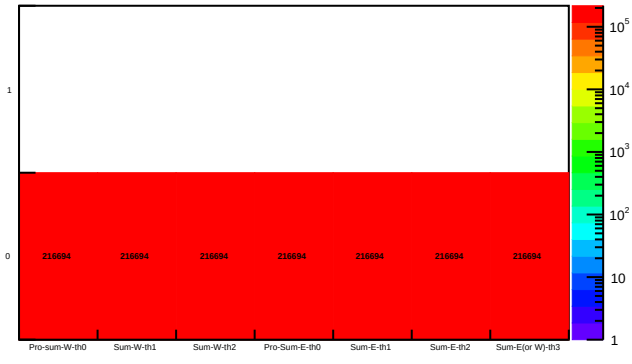
VT201 Input Ch2: ZDC Tac Diff



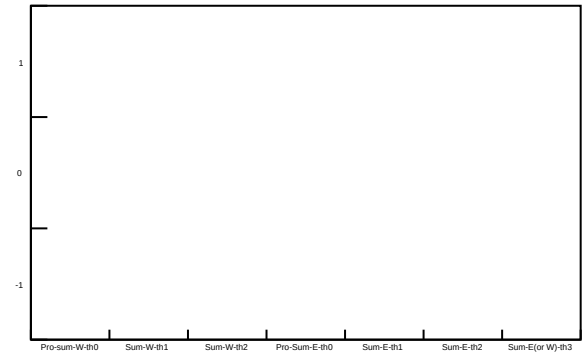
VT201 Input Ch2: ZDC Tac Diff



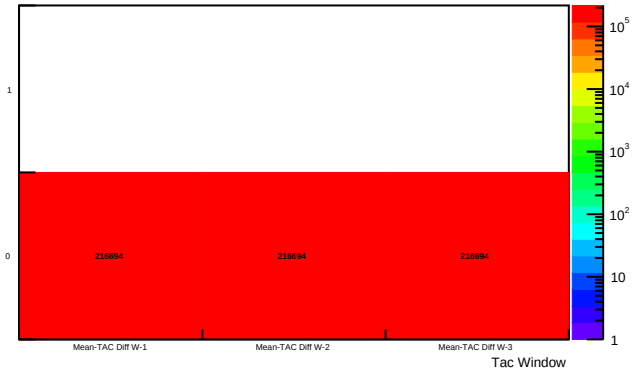
VT201 Input Ch2: ZDC Adc Sum Th



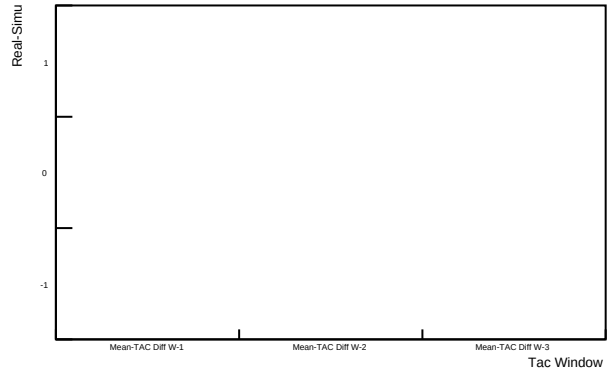
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



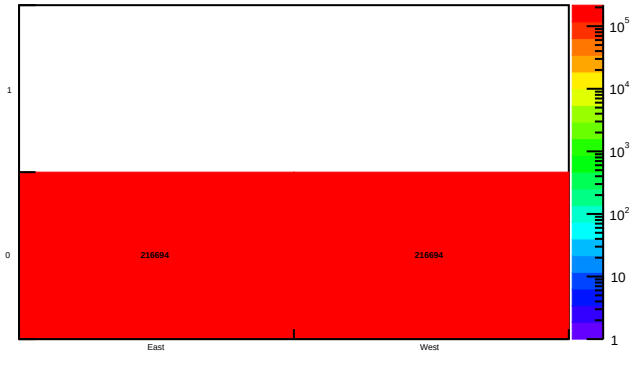
VT201 Input Ch4: VPD Tac Diff



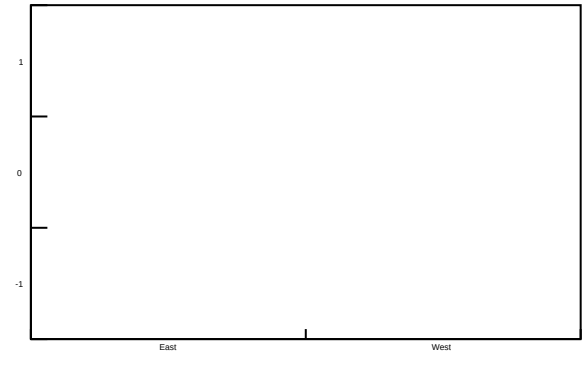
VT201 Input Ch4: VPD Tac Diff

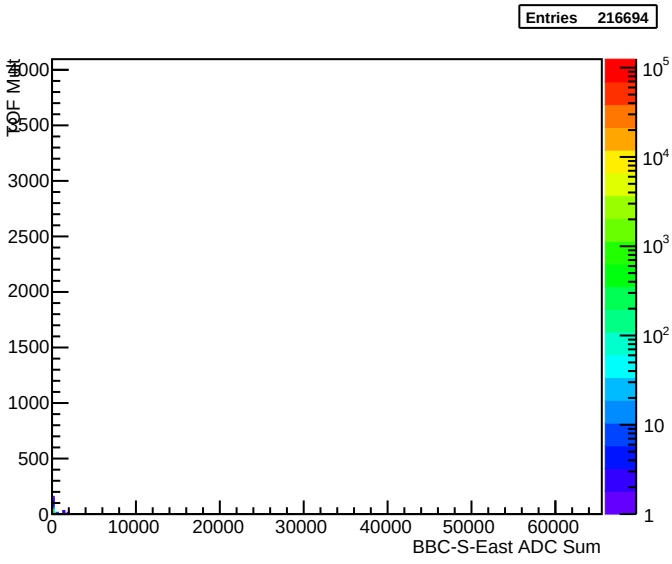


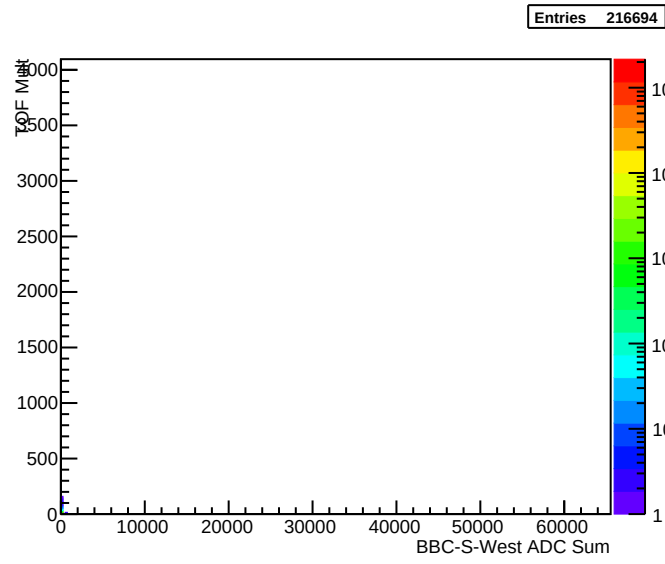
VT201 Input Ch4: VPD Adc Sum Th

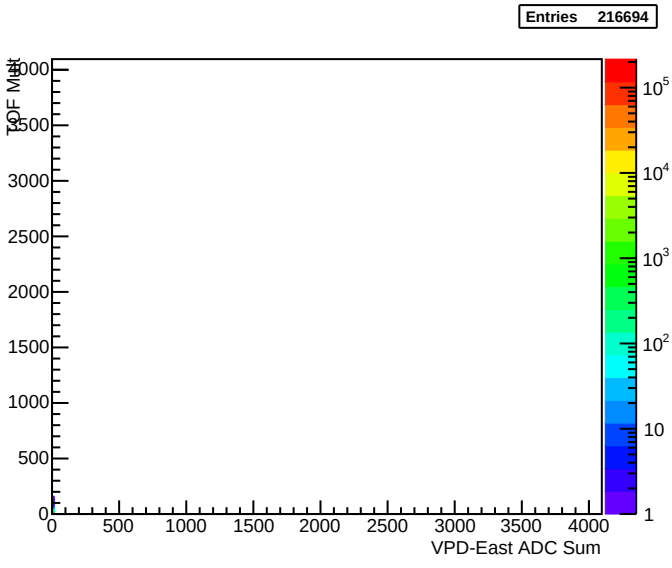


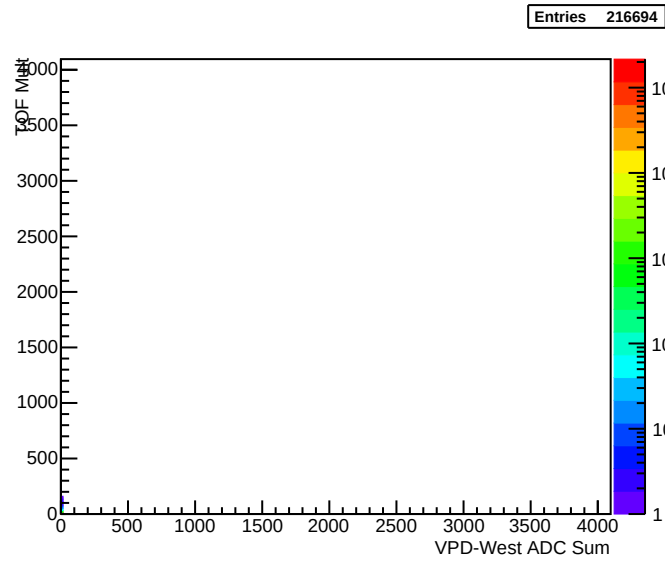
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

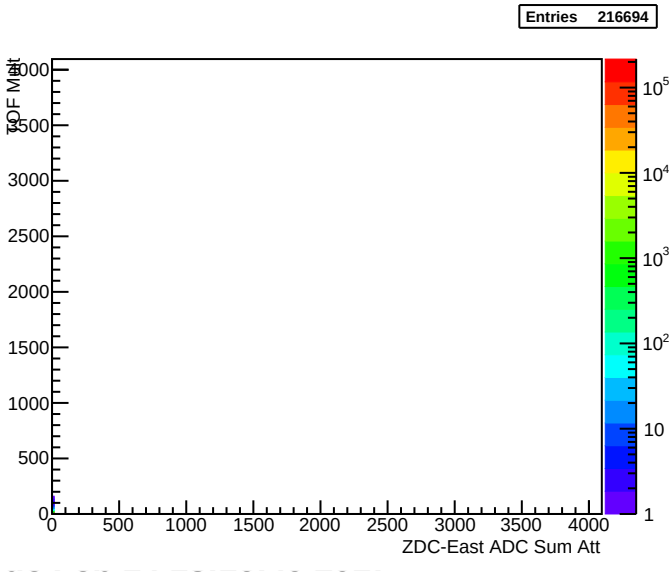


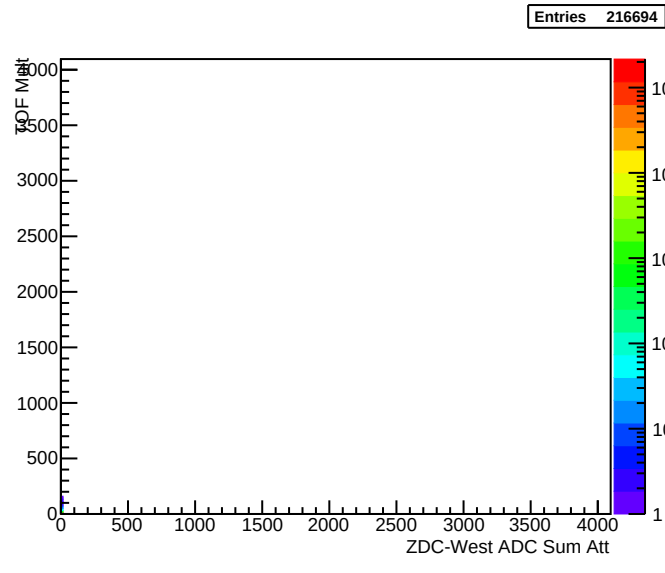

Entries 216694
TOF Mult
BBC-S-East ADC Sum

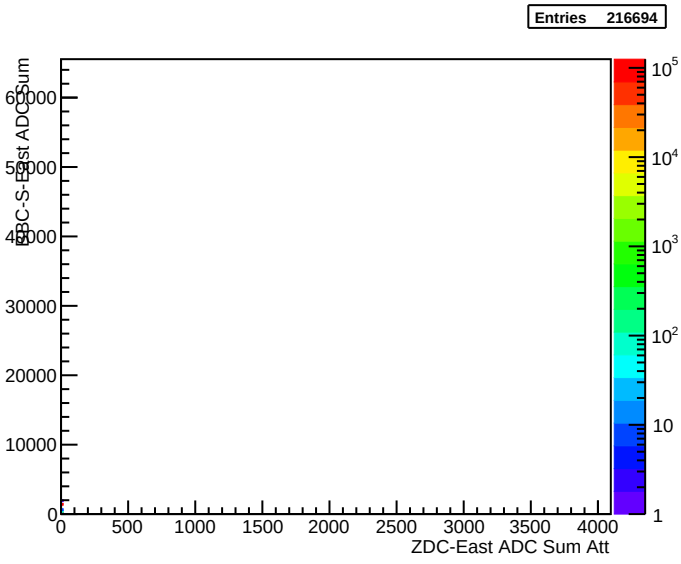

Entries 216694
TOF Mult
BBC-S-West ADC Sum

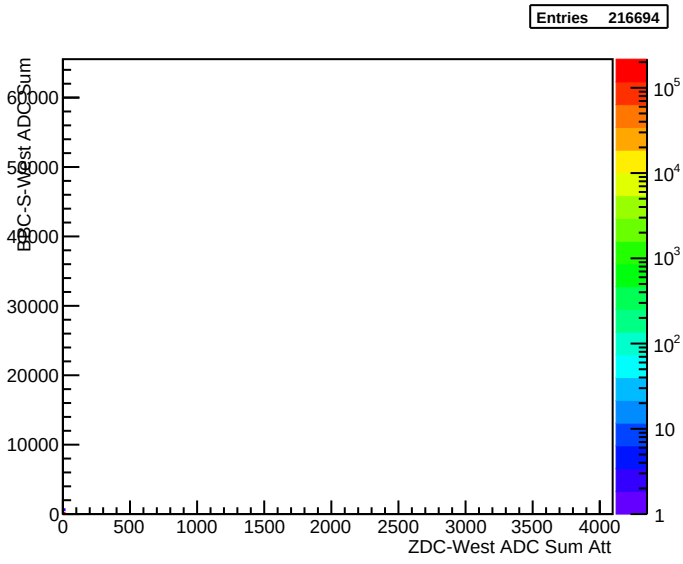

Entries 216694
TOF Mult
VPD-East ADC Sum

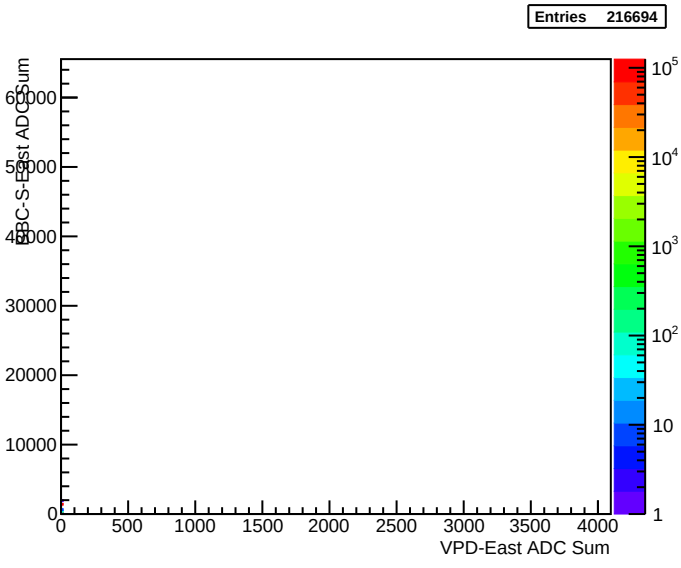

Entries 216694
TOF Mult
VPD-West ADC Sum

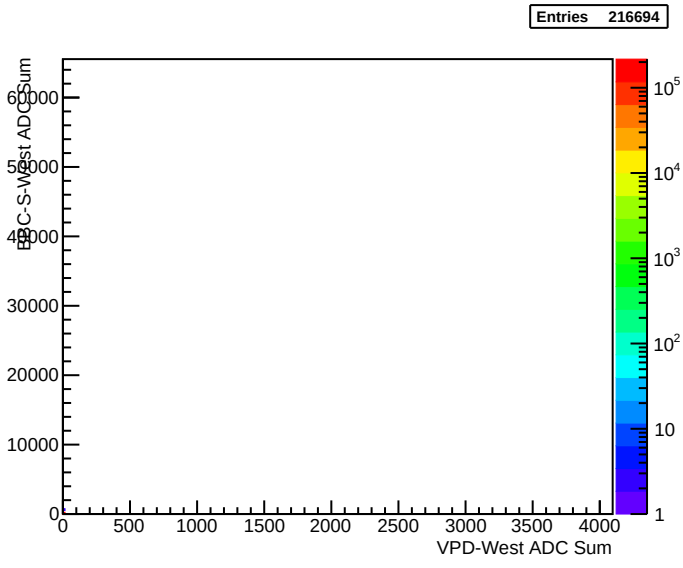

Entries 216694
TOF Mult
ZDC-East ADC Sum Att

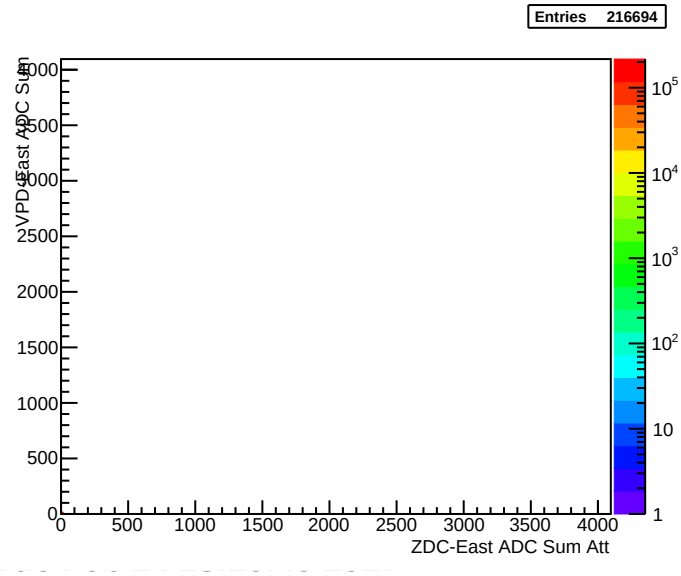

Entries 216694
TOF Mult
ZDC-West ADC Sum Att

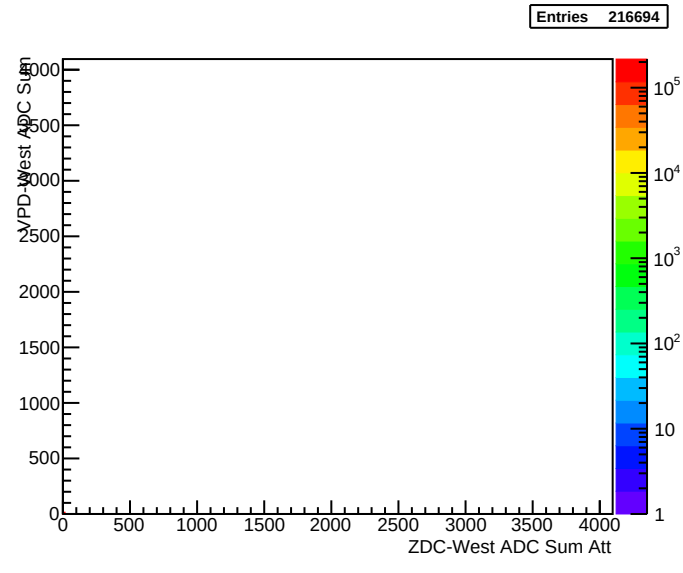

Entries 216694
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

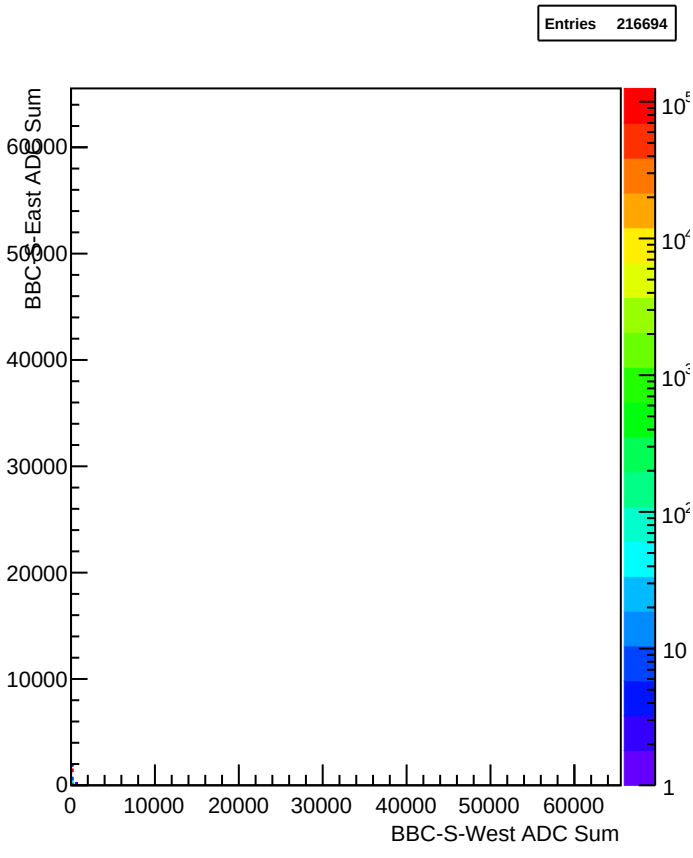

Entries 216694
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

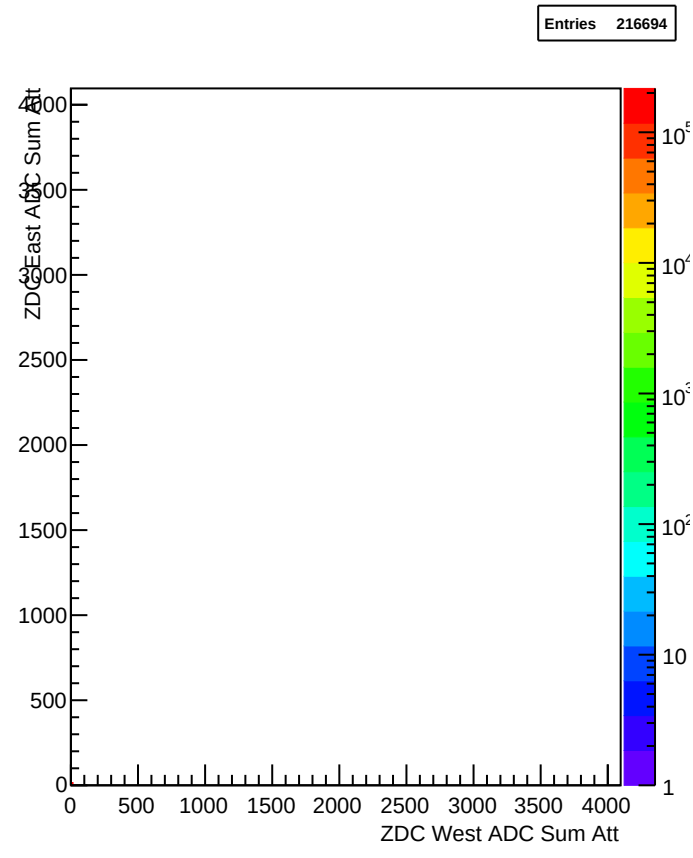

Entries 216694
BBC-S-East ADC Sum
VPD-East ADC Sum

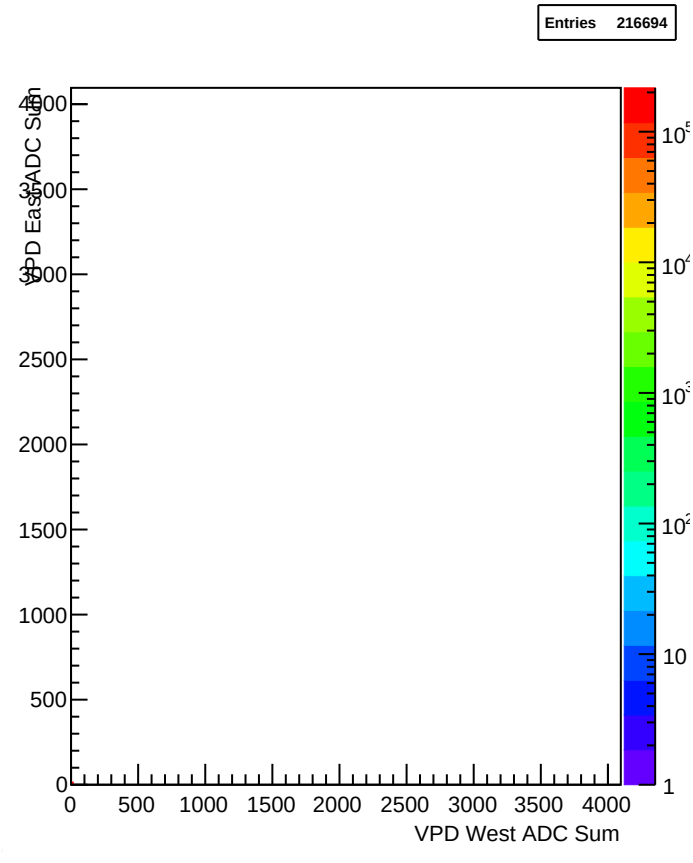

Entries 216694
BBC-S-West ADC Sum
VPD-West ADC Sum

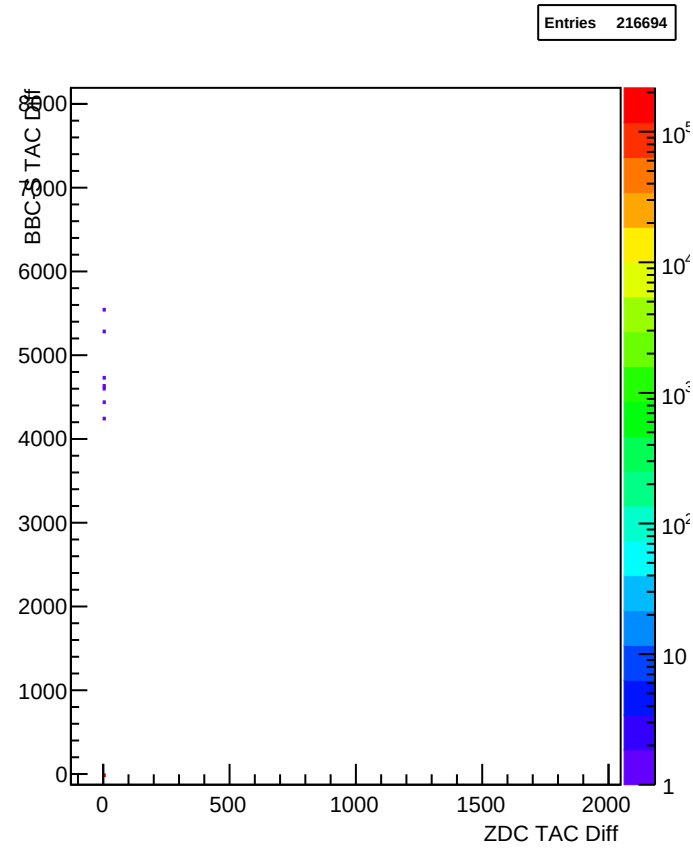

Entries 216694
VPD-East ADC Sum
ZDC-East ADC Sum Att

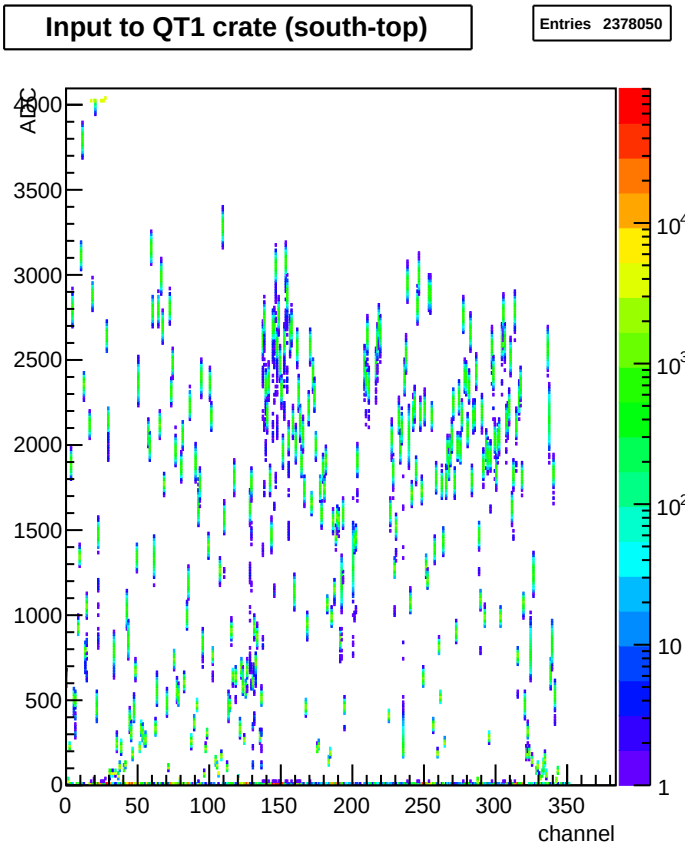

Entries 216694
VPD-West ADC Sum
ZDC-West ADC Sum Att

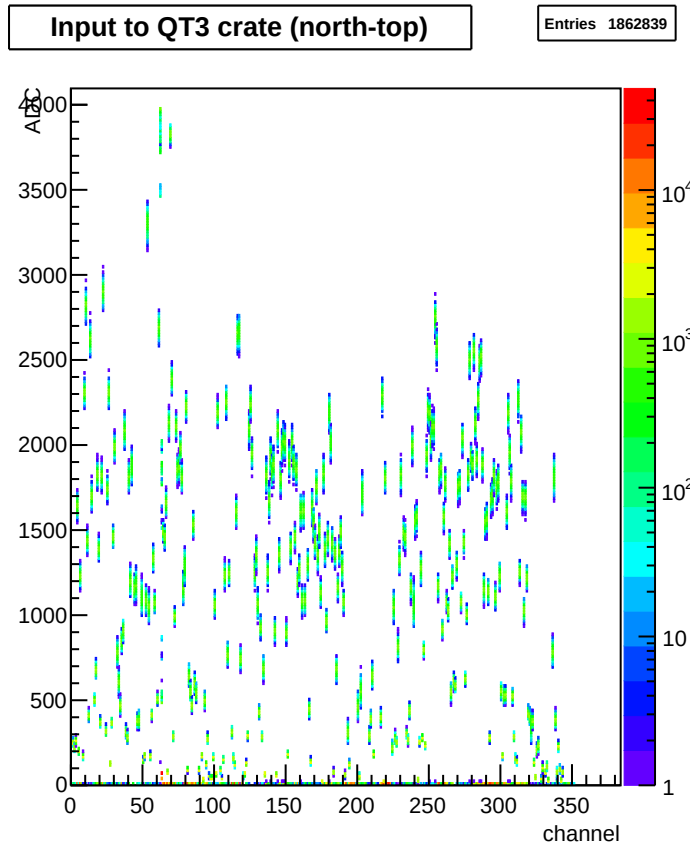

Entries 216694
BBC-S-East ADC Sum
BBC-S-West ADC Sum

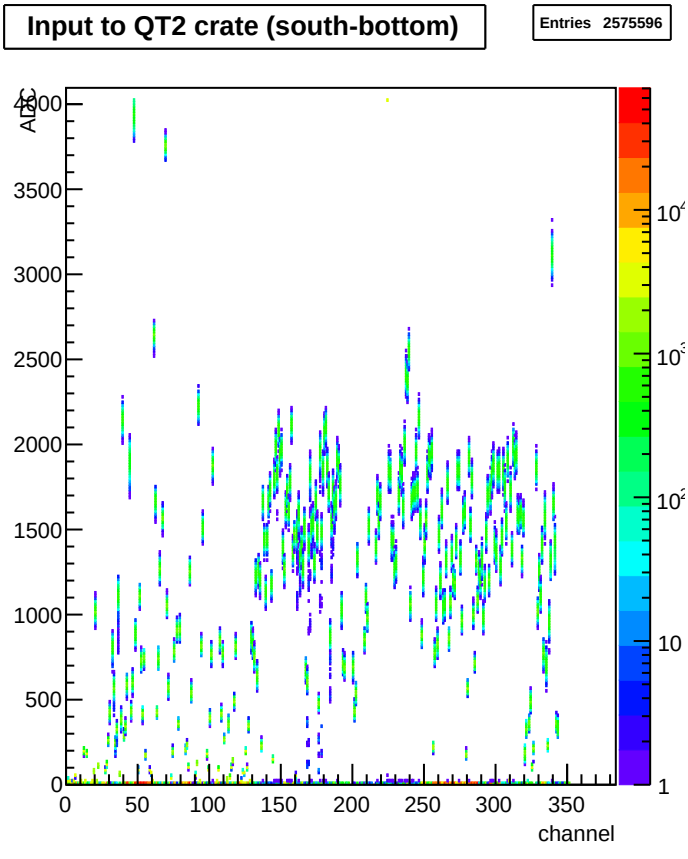

Entries 216694
ZDC East ADC Sum Att
ZDC West ADC Sum Att

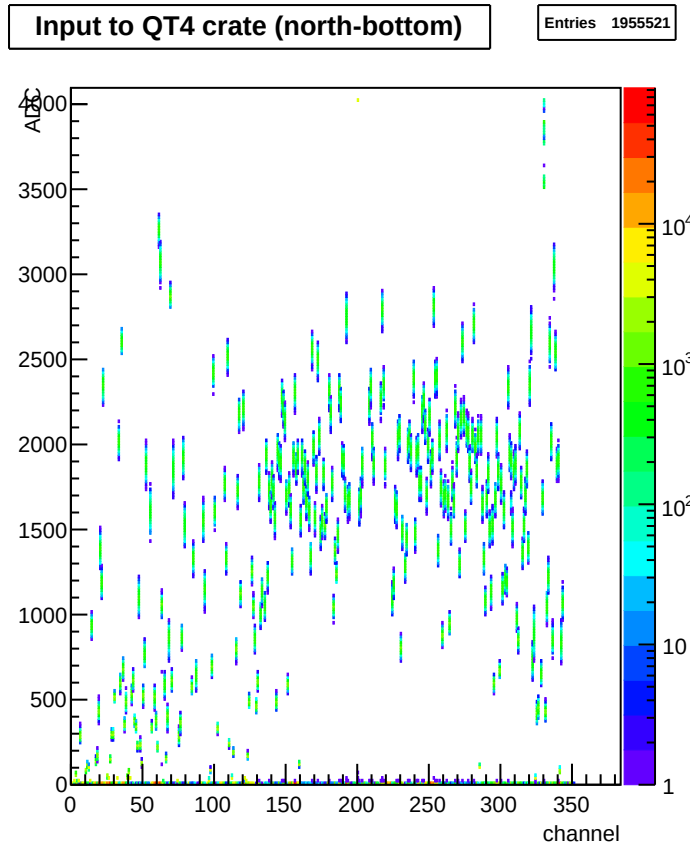

Entries 216694
VPD East ADC Sum
VPD West ADC Sum

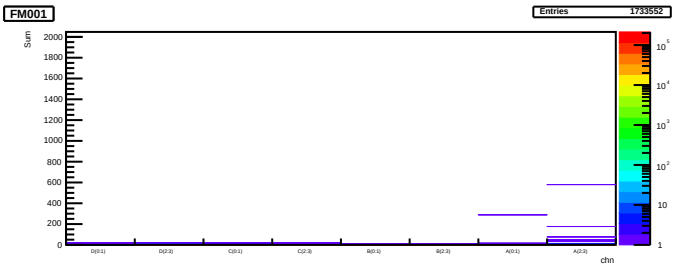

Entries 216694
BBC-S TAC Diff
ZDC TAC Diff

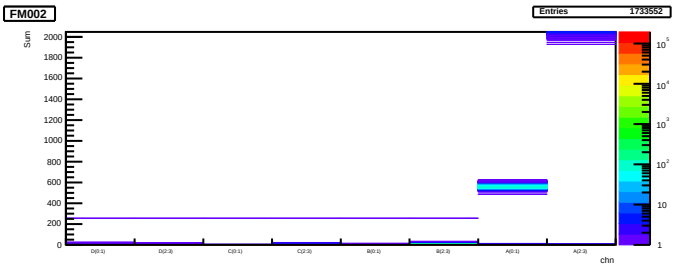

Input to QT1 crate (south-top)
Entries 2378050
ADC
channel

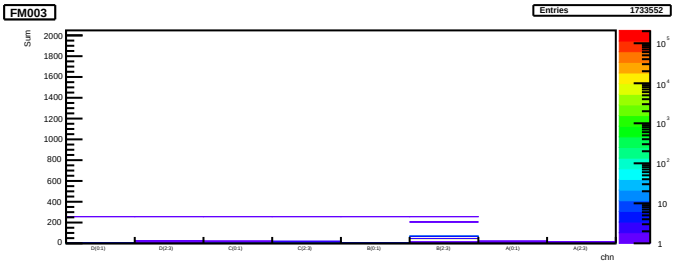

Input to QT3 crate (north-top)
Entries 1862839
ADC
channel

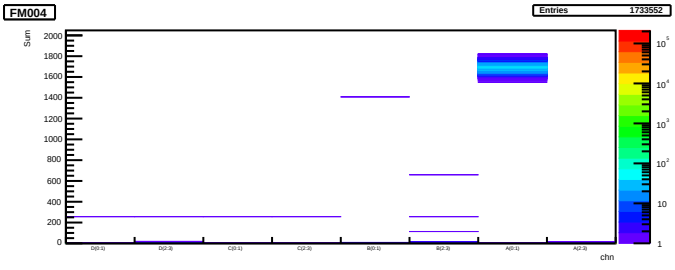

Input to QT2 crate (south-bottom)
Entries 2575596
ADC
channel

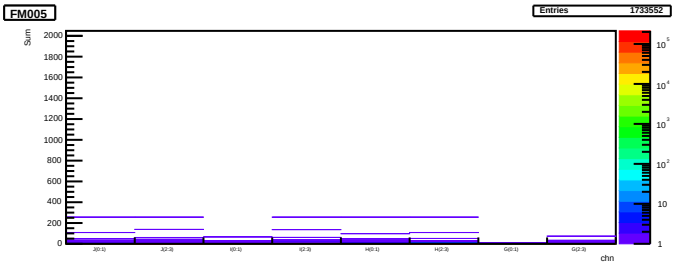

Input to QT4 crate (north-bottom)
Entries 1955521
ADC
channel

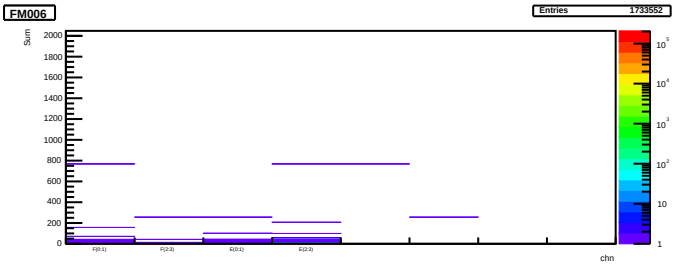

FM001
Entries 1733552
Sum
chn

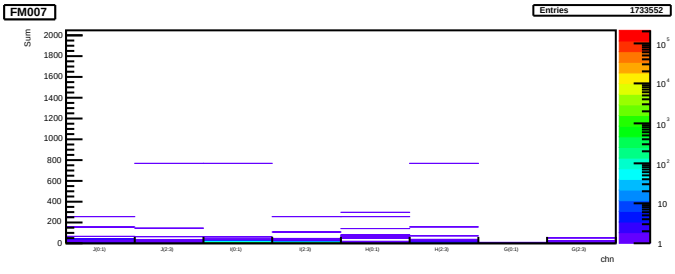

FM002
Entries 1733552
Sum
chn

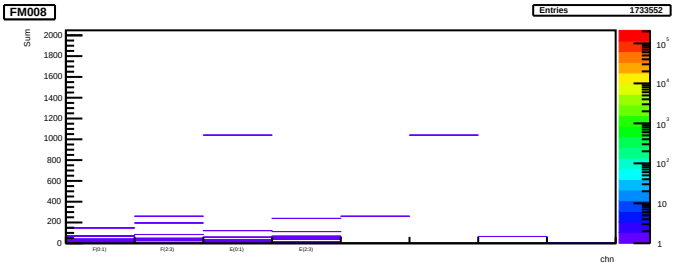

FM003
Entries 1733552
Sum
chn

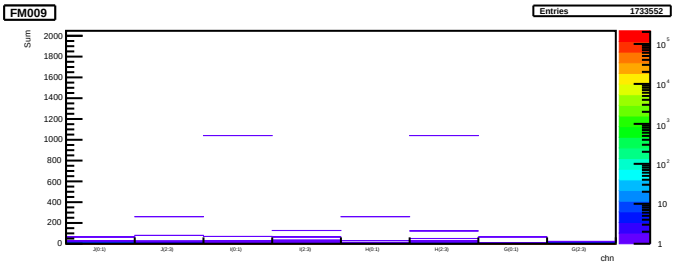

FM004
Entries 1733552
Sum
chn

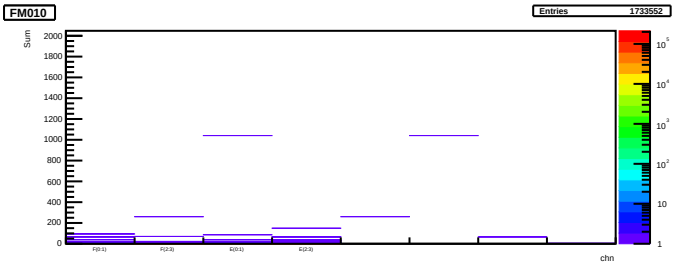

FM005
Entries 1733552
Sum
chn

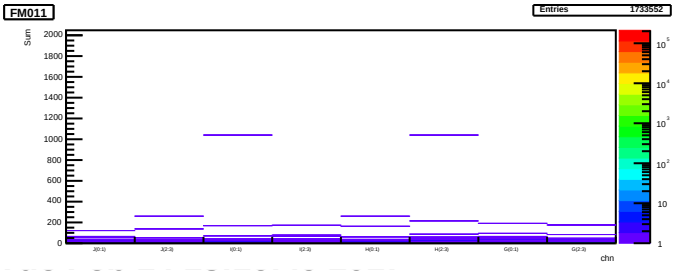

FM006
Entries 1733552
Sum
chn


FM007
Entries 1733552
Sum
chn


FM008
Entries 1733552
Sum
chn


FM009
Entries 1733552
Sum
chn


FM010
Entries 1733552
Sum
chn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Entries 1733552
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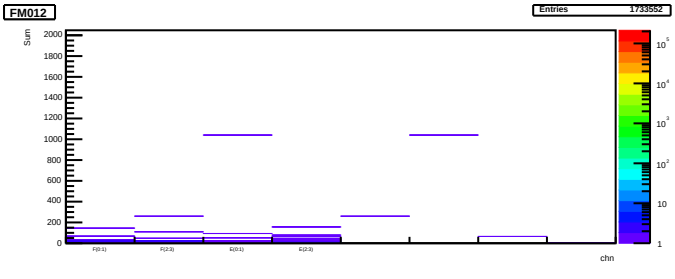
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Entries 1733552
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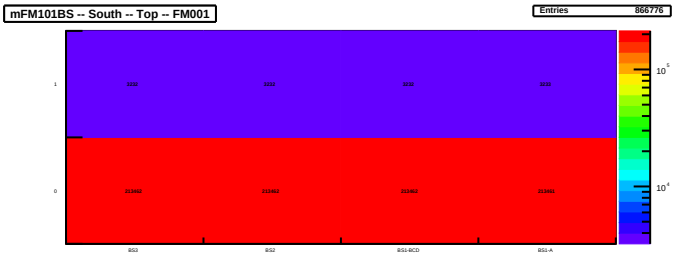
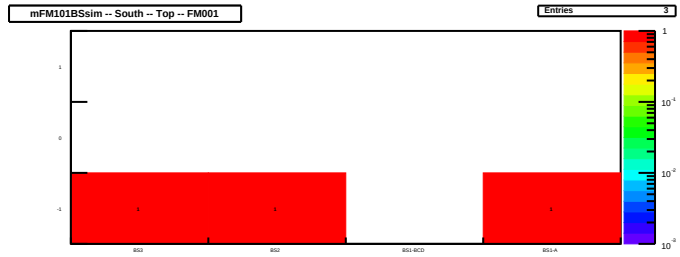
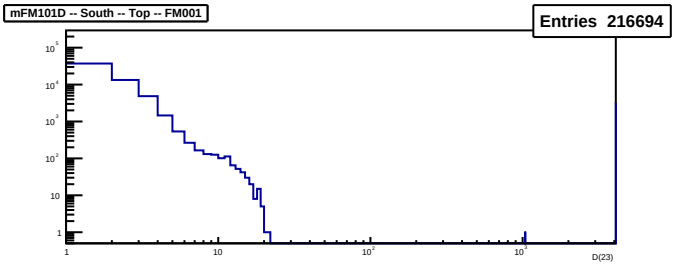

mFM101BS -- South -- Top -- FM001
Entries 866776


mFM101BSsim -- South -- Top -- FM001
Entries 3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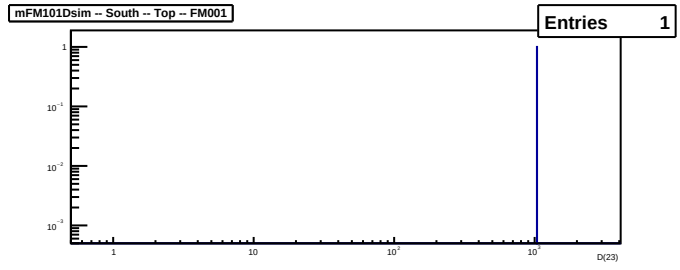
Entries 216694
D(23)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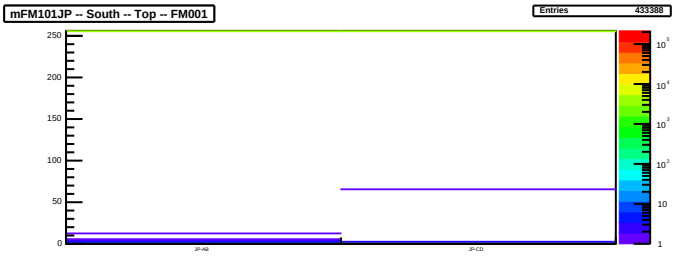
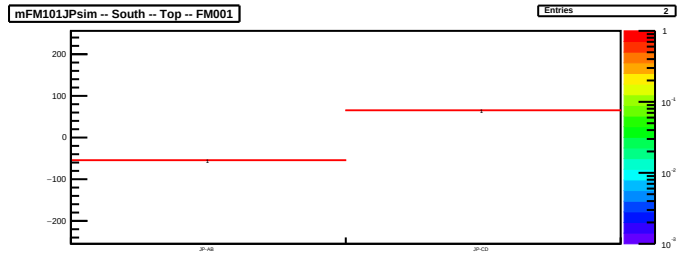
Entries 1
D(23)


mFM101JP -- South -- Top -- FM001
Entries 433388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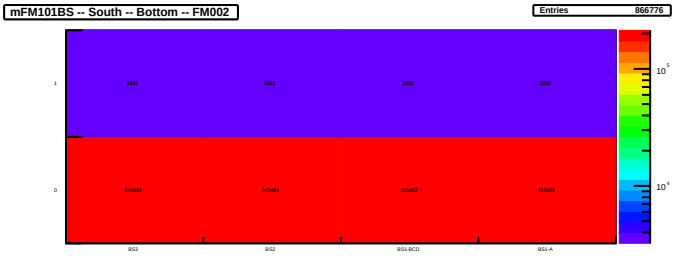
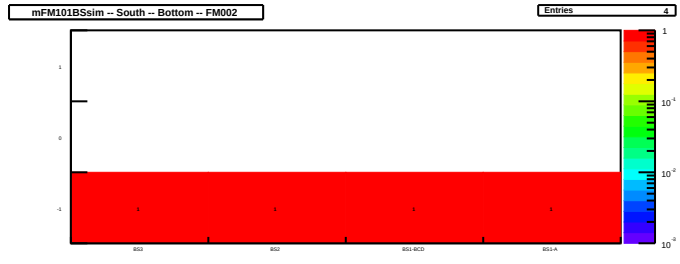
Entries 2


mFM101BS -- South -- Bottom -- FM002
Entries 866776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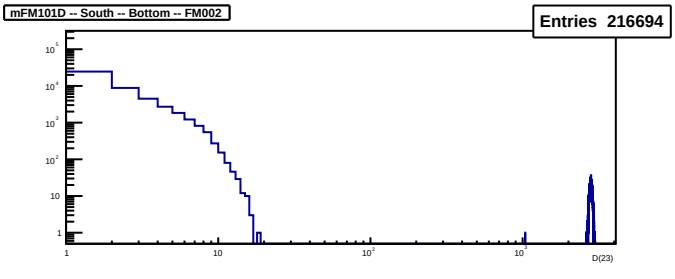
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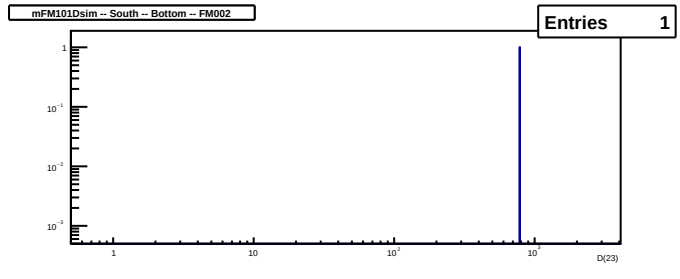
Entries 216694
D(23)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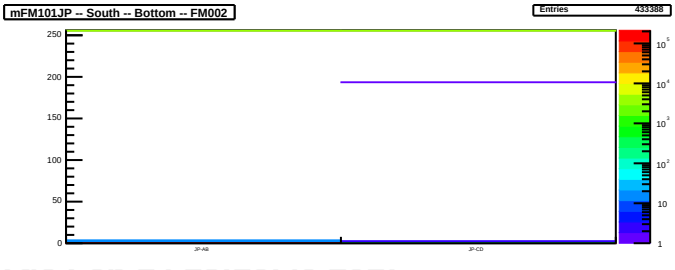
Entries 1
D(23)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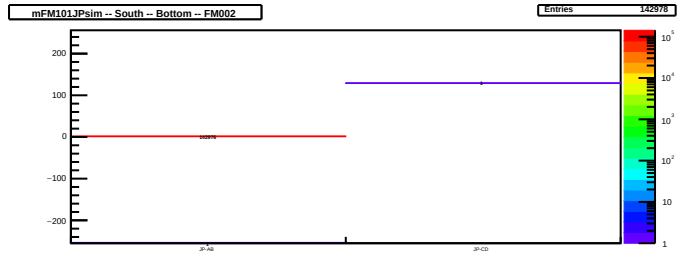
Entries 433388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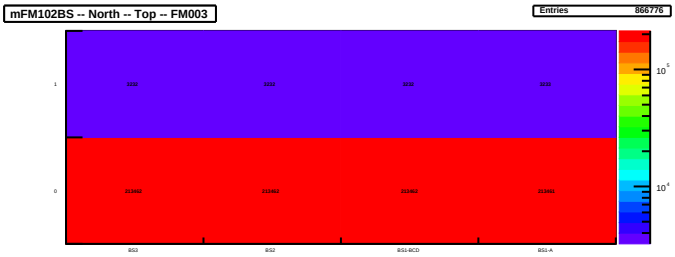
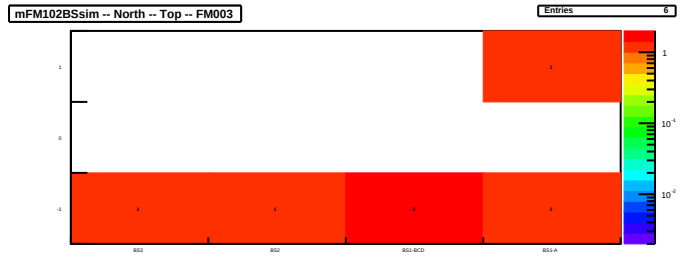
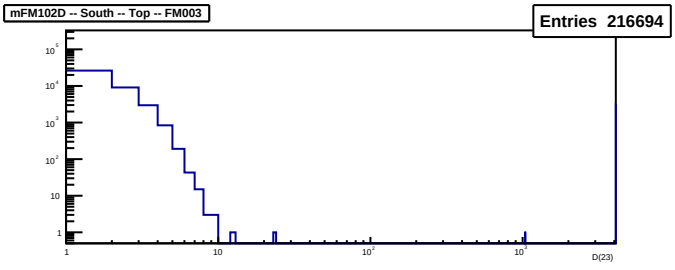

mFM102BS -- North -- Top -- FM003
Entries 866776


mFM102BSsim -- North -- Top -- FM003
Entries 6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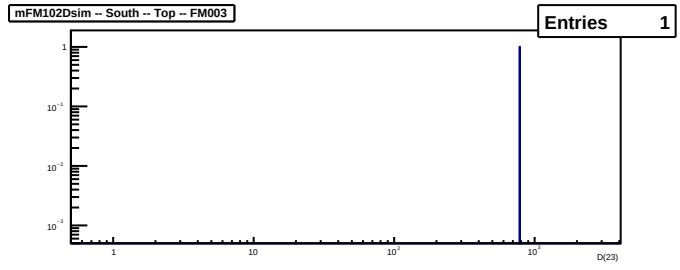
Entries 216694
D(23)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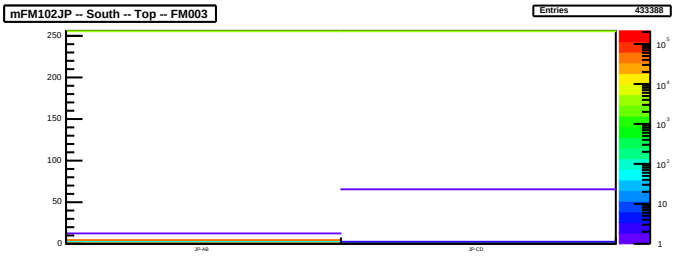
Entries 1
D(23)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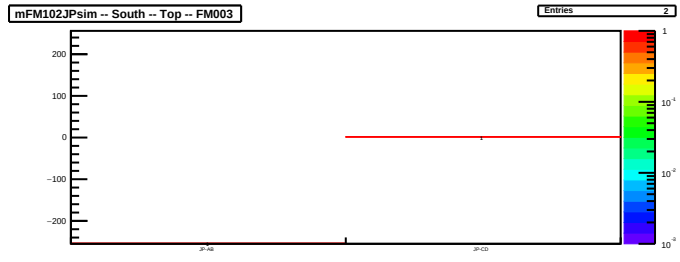
Entries 433388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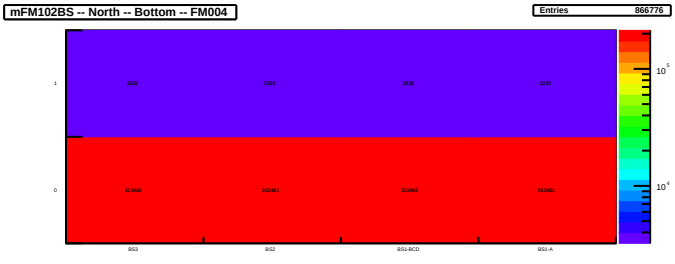
Entries 2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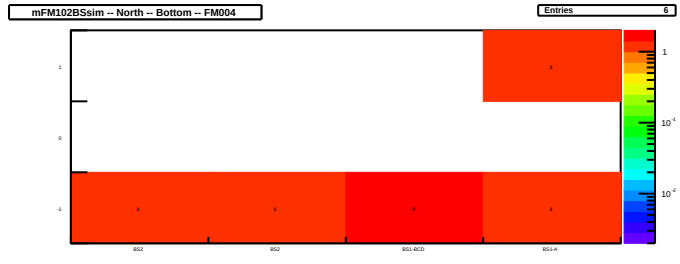
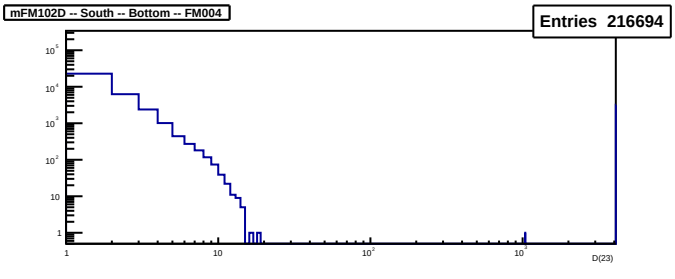
Entries 866776


mFM102BSsim -- North -- Bottom -- FM004
Entries 6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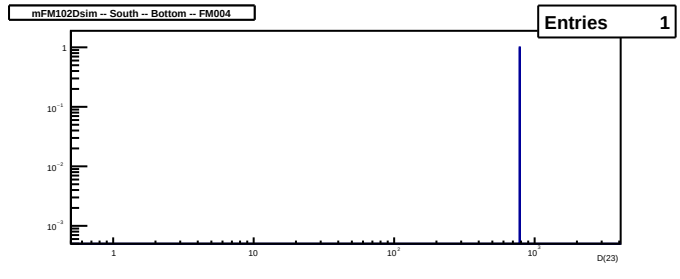
Entries 216694
D(23)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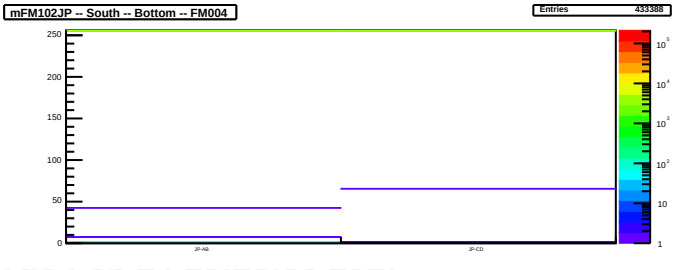
Entries 1
D(23)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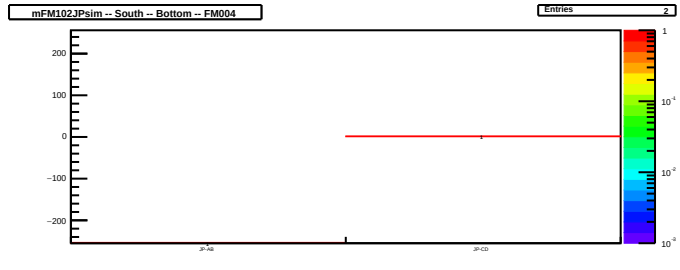
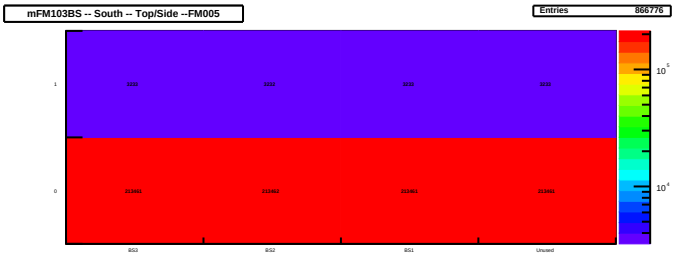
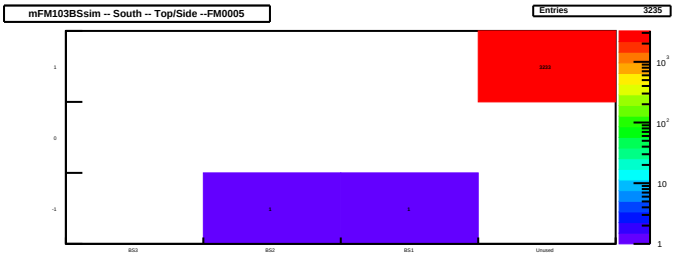
Entries 433388


mFM102JPsim -- South -- Bottom -- FM004
Entries 2


mFM103BS -- South -- Top/Side --FM005
Entries 866776
BS3
BS2
BS1
Unused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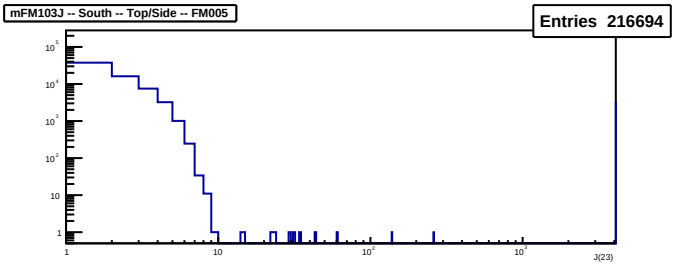
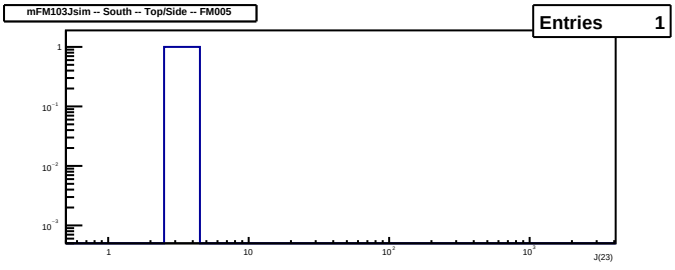
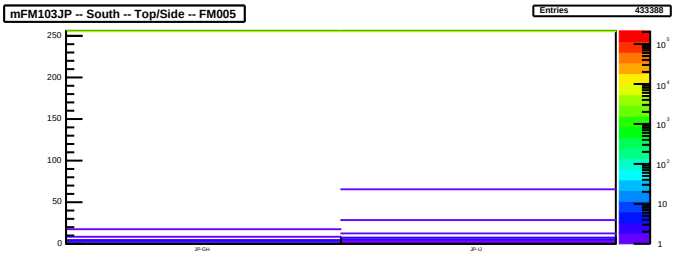
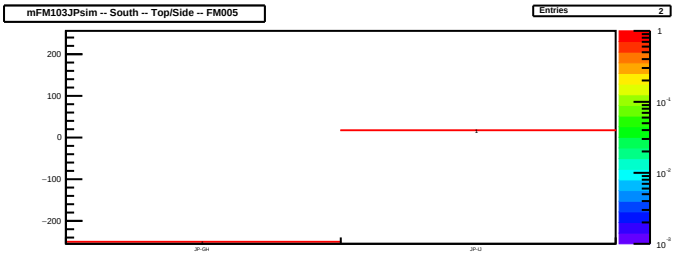
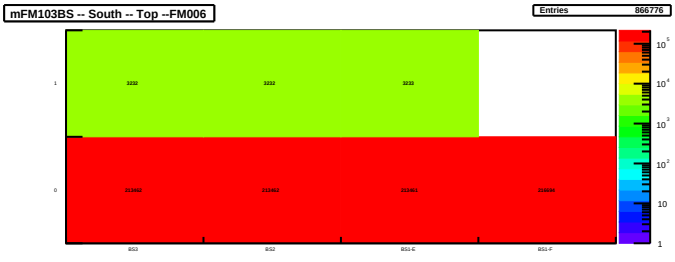
Entries 3235
BS3
BS2
BS1
Unused

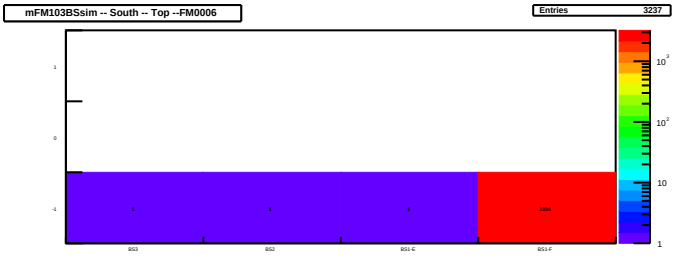

mFM103J -- South -- Top/Side -- FM005
Entries 216694
J(23)

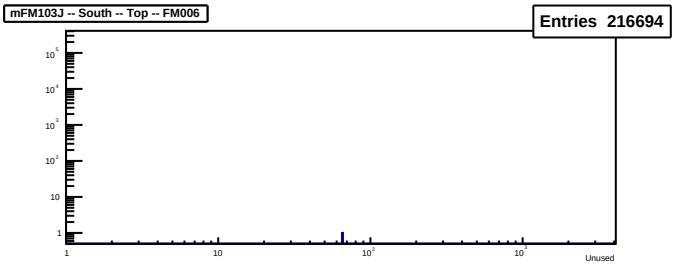

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1
J(23)

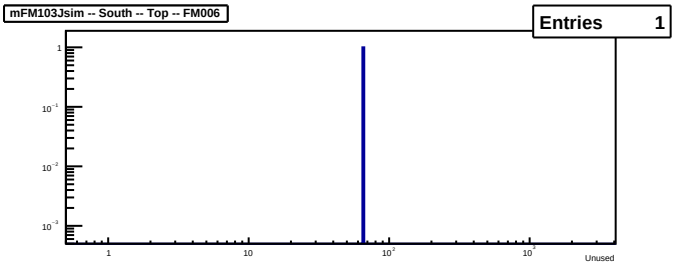

mFM103JP -- South -- Top/Side -- FM005
Entries 433388
JP-GH
JP-IJ

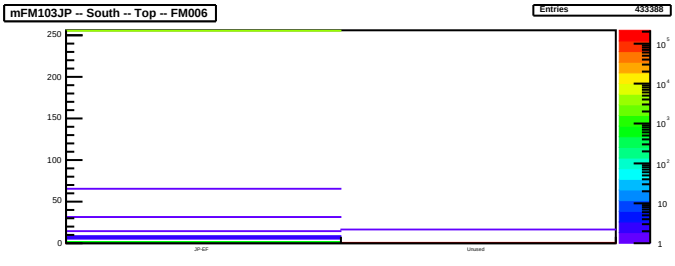

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2
JP-GH
JP-IJ

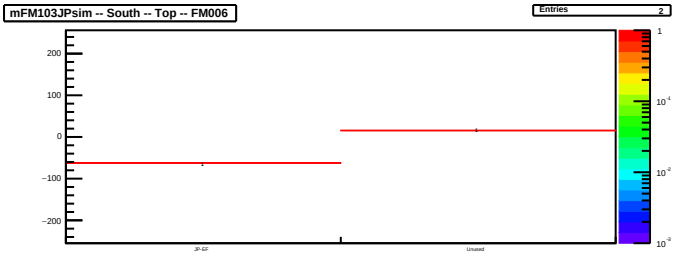

mFM103BS -- South -- Top --FM006
Entries 866776
BS3
BS2
BS1-E
BS1-F

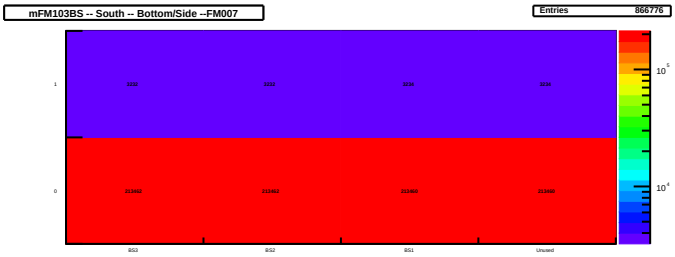

mFM103BSsim -- South -- Top --FM0006
Entries 3237
BS3
BS2
BS1-E
BS1-F

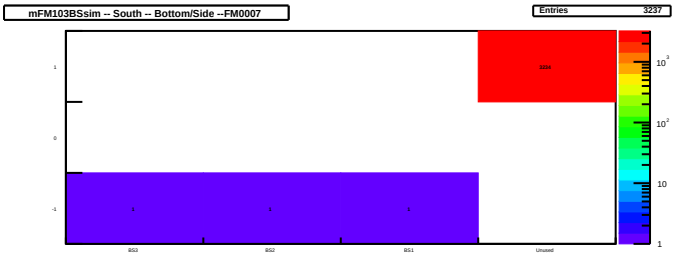

mFM103J -- South -- Top -- FM006
Entries 216694
Unused

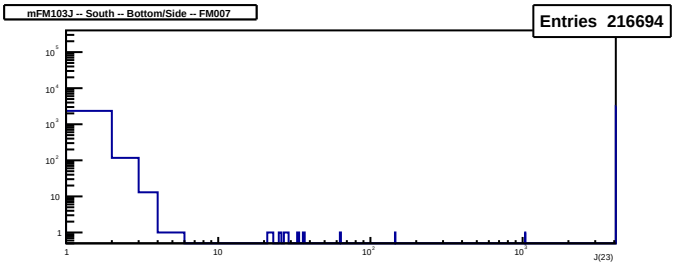

mFM103Jsim -- South -- Top -- FM006
Entries 1
Unused


mFM103JP -- South -- Top -- FM006
Entries 433388
JP-EF
Unused


mFM103JPsim -- South -- Top -- FM006
Entries 2
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 866776
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3237
BS3
BS2
BS1
Unused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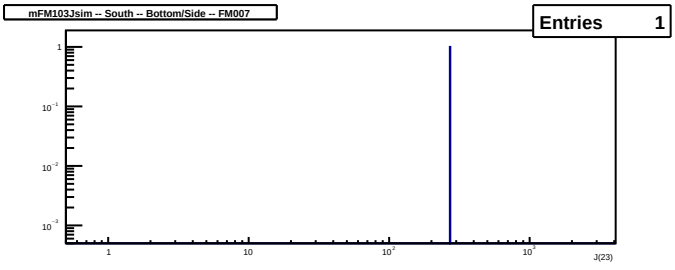
Entries 216694
J(23)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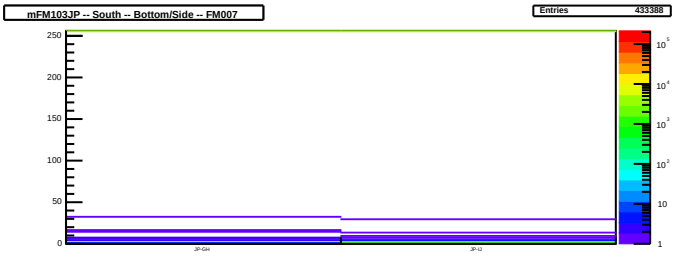
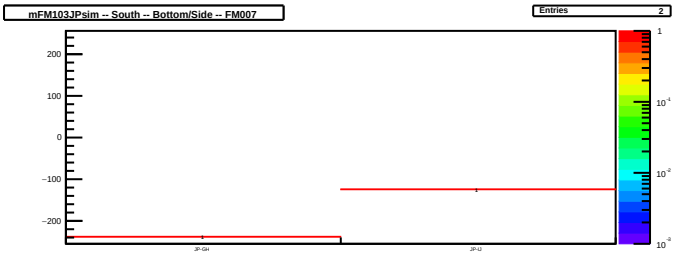
Entries 1
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 433388
JP-GH
JP-IJ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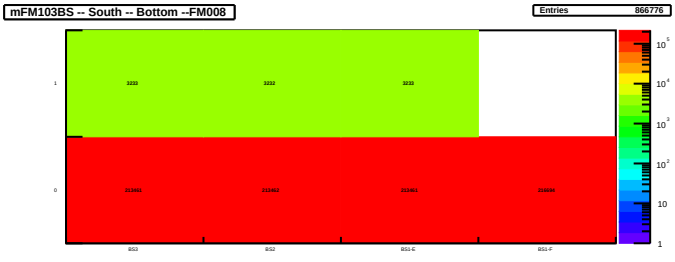
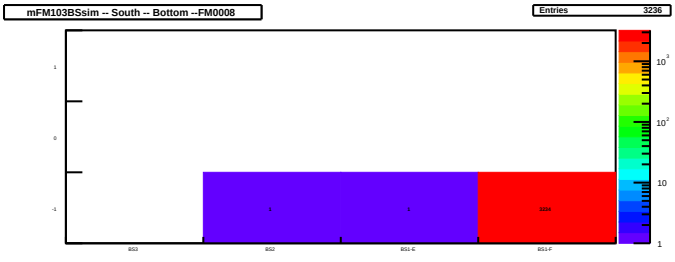
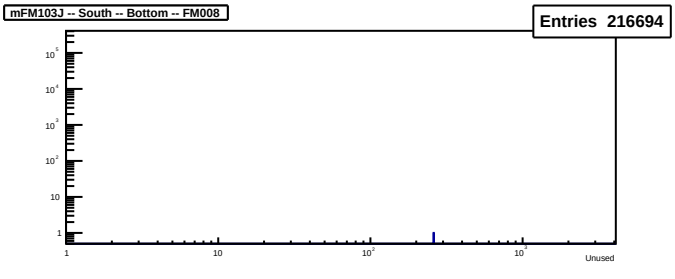
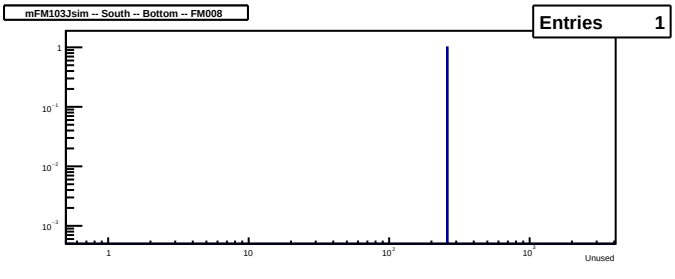
Entries 2
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 866776
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 3236
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 216694
Unused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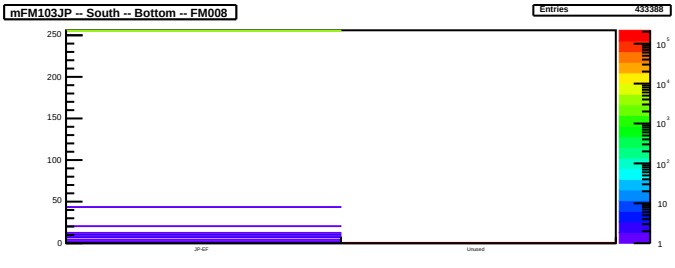
Entries 1
Unused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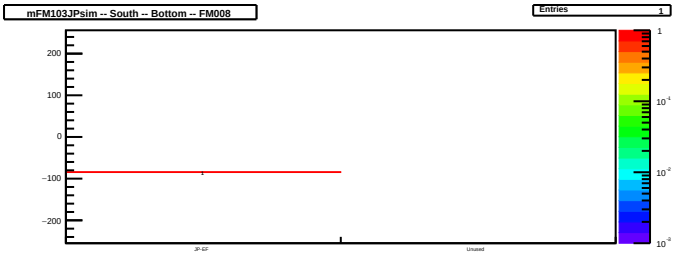
Entries 433388
JP-EF
Unused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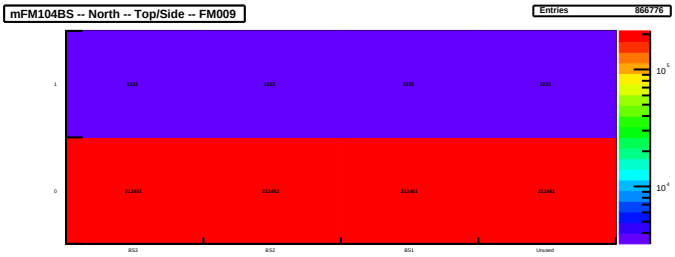
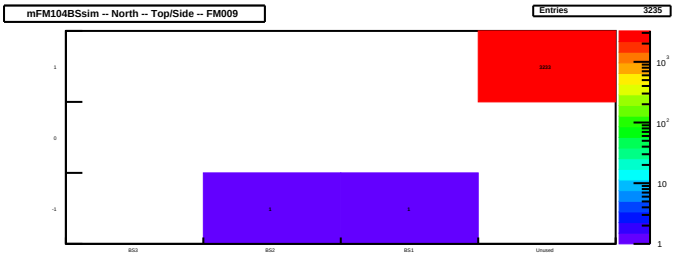
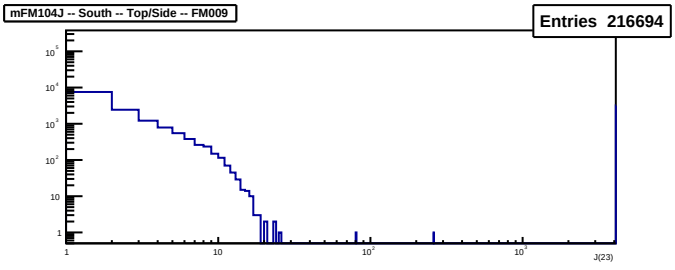
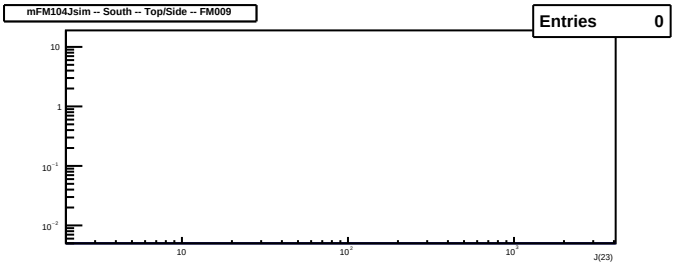
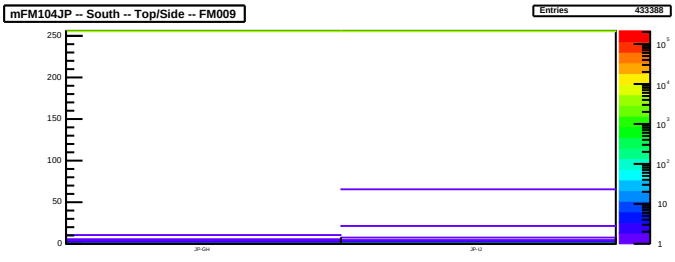
Entries 1
JP-EF
Unused

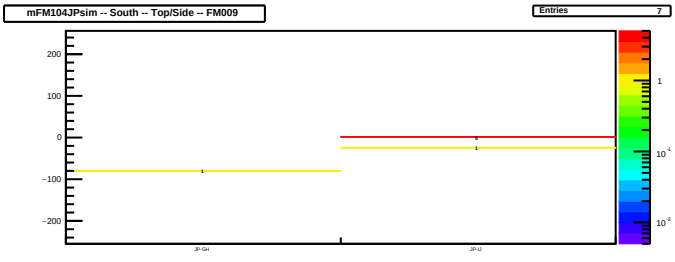

mFM104BS -- North -- Top/Side -- FM009
Entries 866776

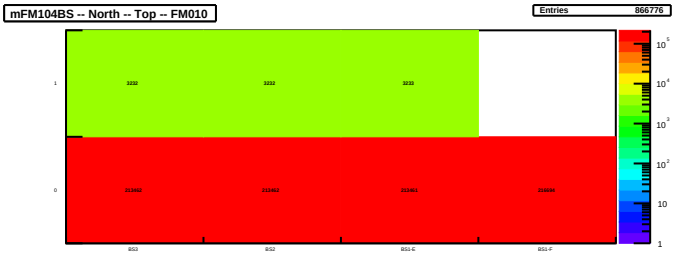

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3235

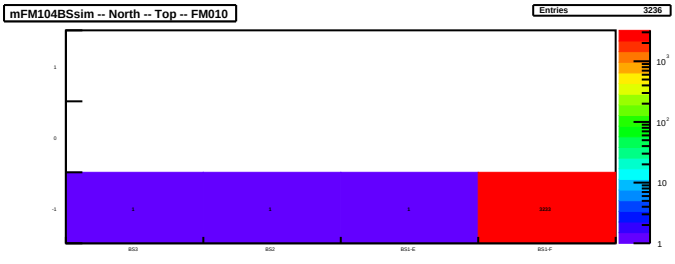

mFM104J -- South -- Top/Side -- FM009
Entries 216694
J(23)

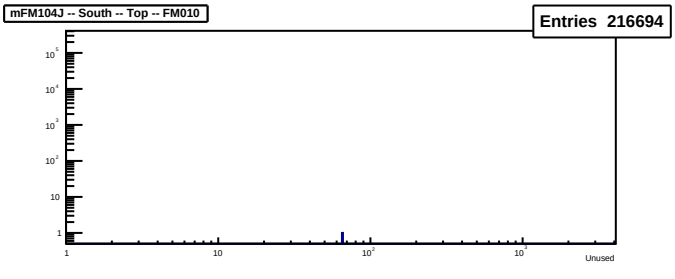

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

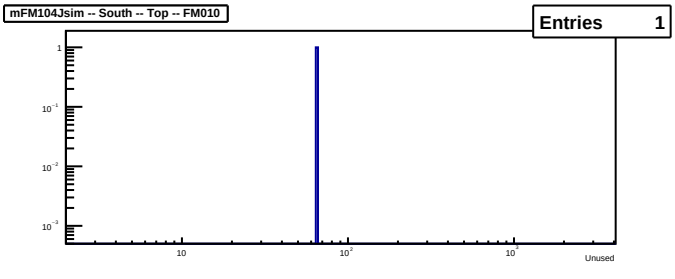

mFM104JP -- South -- Top/Side -- FM009
Entries 433388

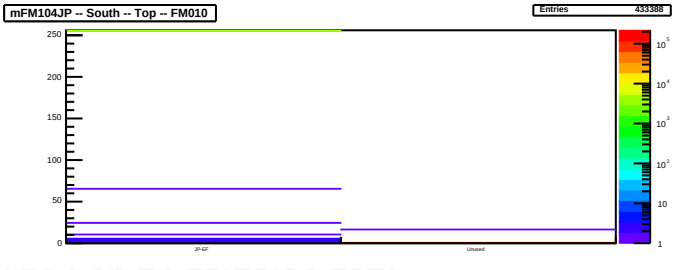

mFM104JPsim -- South -- Top/Side -- FM009
Entries 7

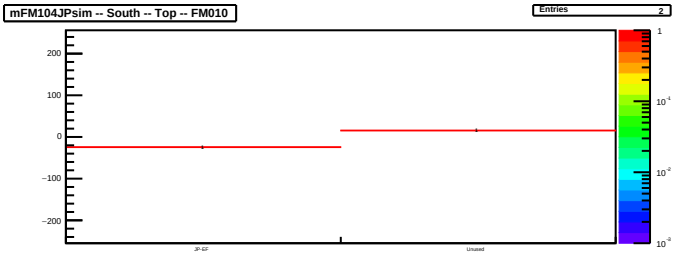

mFM104BS -- North -- Top -- FM010
Entries 866776

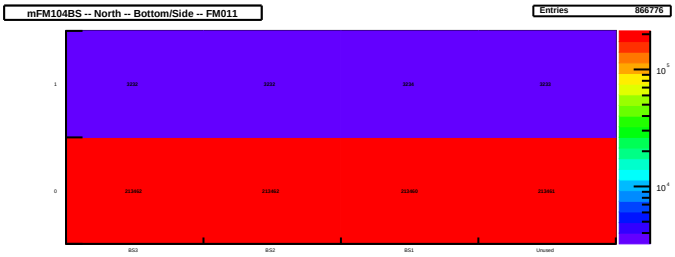

mFM104BSsim -- North -- Top -- FM010
Entries 3236

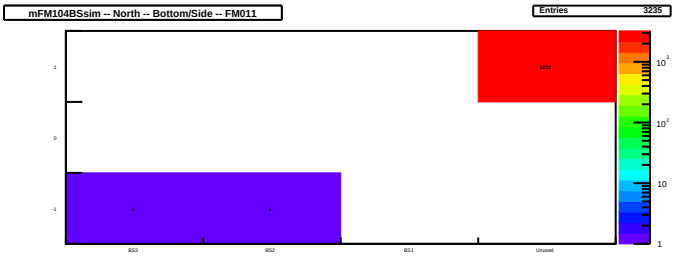

mFM104J -- South -- Top -- FM010
Entries 216694
Unused

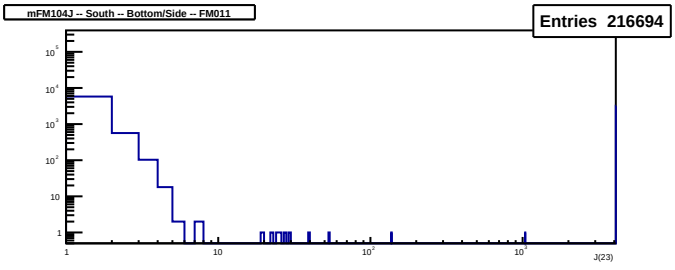

mFM104Jsim -- South -- Top -- FM010
Entries 1
Unused

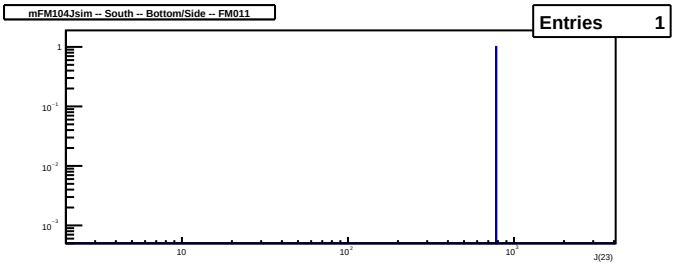

mFM104JP -- South -- Top -- FM010
Entries 433388

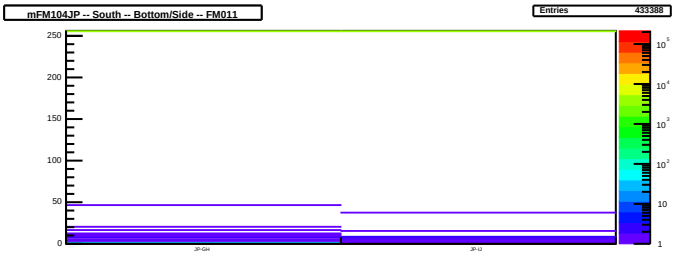

mFM104JPsim -- South -- Top -- FM010
Entries 2

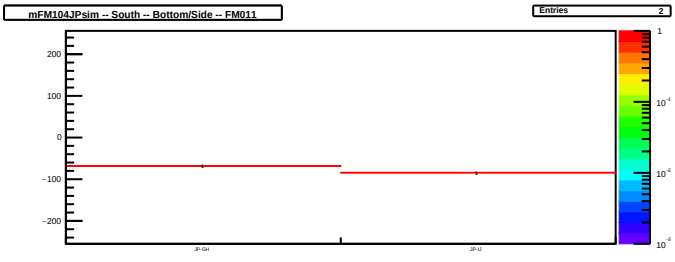

mFM104BS -- North -- Bottom/Side -- FM011
Entries 866776
BS3
BS2
BS1
Unused

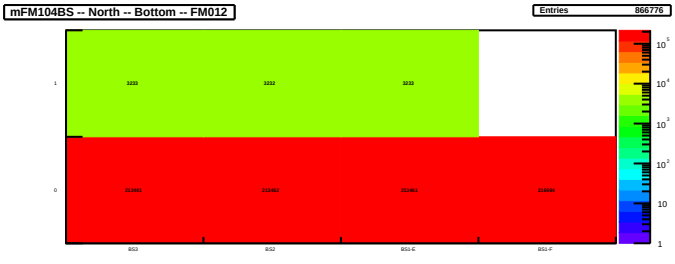

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3235
BS3
BS2
BS1
Unused

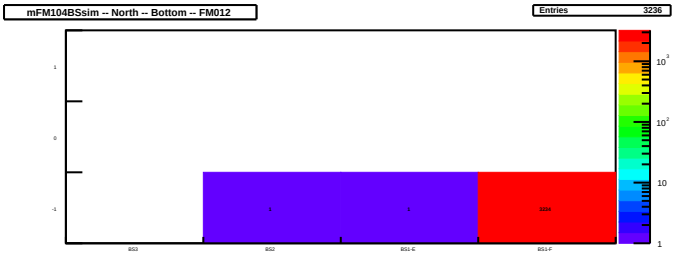

mFM104J -- South -- Bottom/Side -- FM011
Entries 216694
J(23)

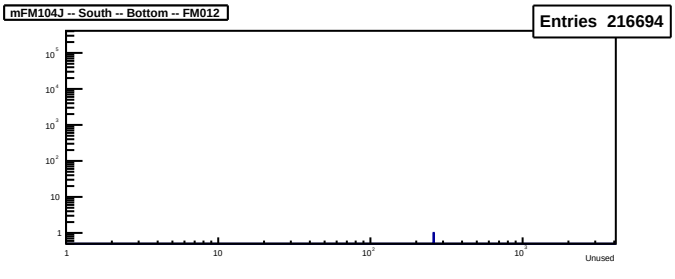

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1
J(23)

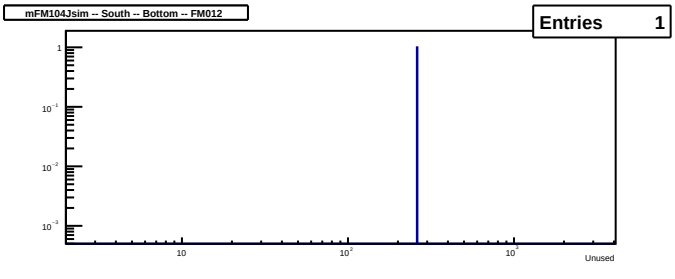

mFM104JP -- South -- Bottom/Side -- FM011
Entries 433388
JP-GH
JP-IJ

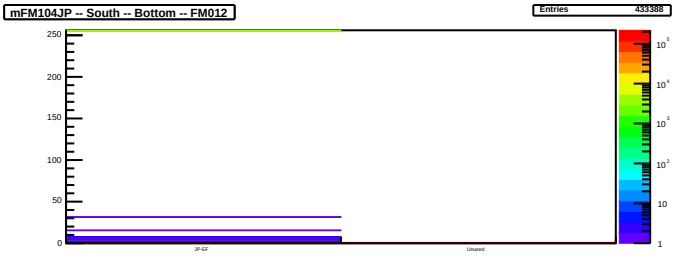

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2
JP-GH
JP-IJ

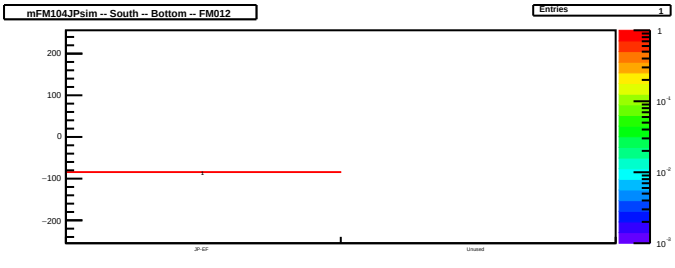

mFM104BS -- North -- Bottom -- FM012
Entries 866776
BS3
BS2
BS1-E
BS1-F

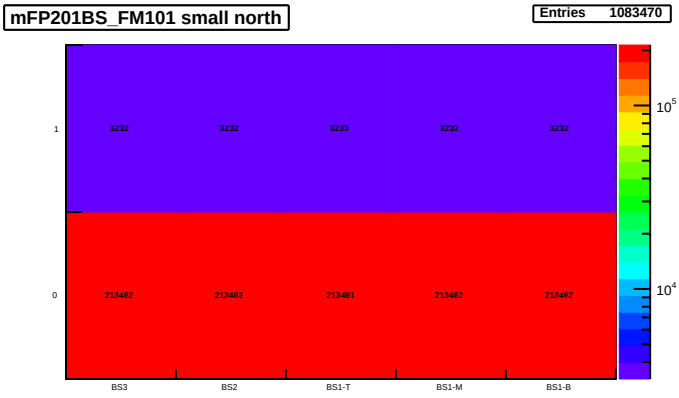

mFM104BSsim -- North -- Bottom -- FM012
Entries 3236
BS3
BS2
BS1-E
BS1-F

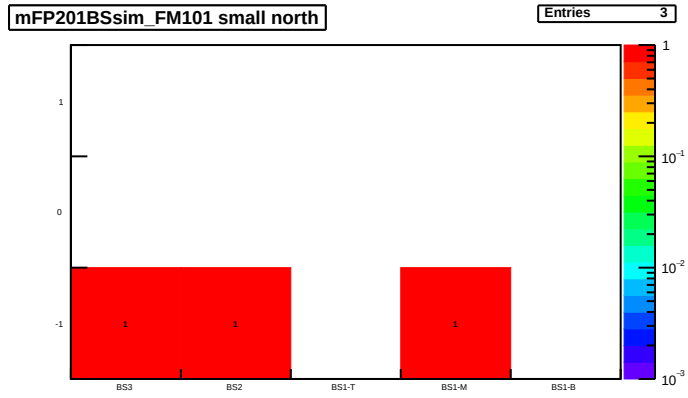

mFM104J -- South -- Bottom -- FM012
Entries 216694
Unused

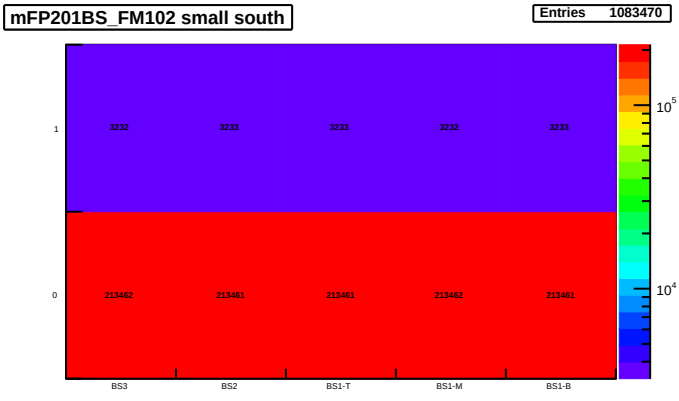

mFM104Jsim -- South -- Bottom -- FM012
Entries 1
Unused

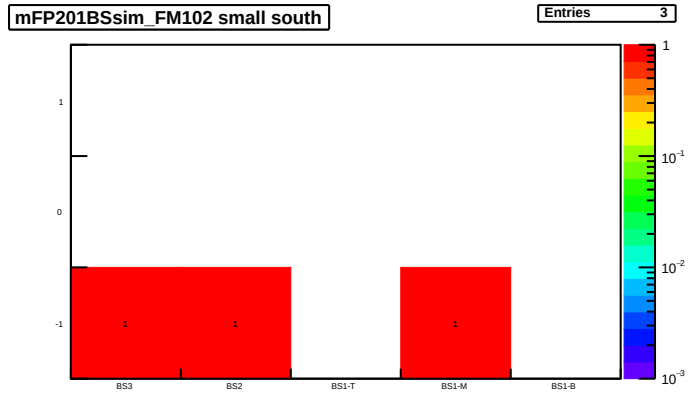

mFM104JP -- South -- Bottom -- FM012
Entries 433388
JP-EF
Unused

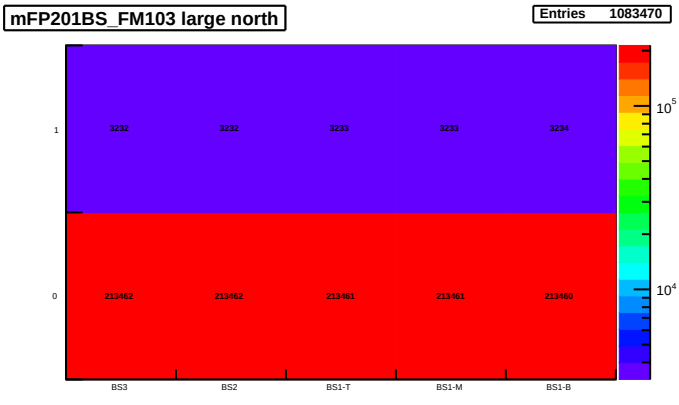

mFM104JPsim -- South -- Bottom -- FM012
Entries 1
JP-EF
Unused

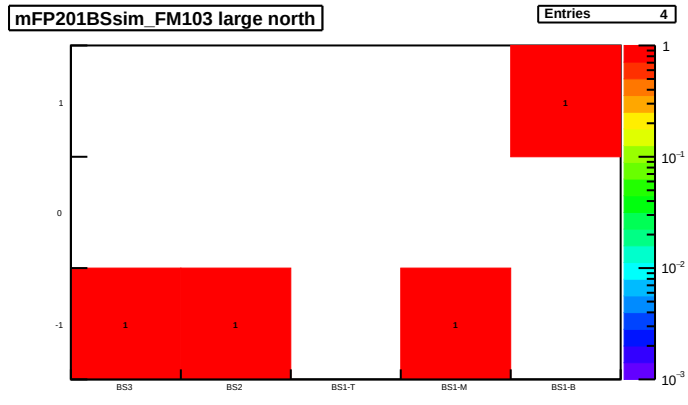

mFP201BS_FM101 small north
Entries 1083470
3232 3232 3233 3232 3232
213462 213462 213461 213462 213462
BS3 BS2 BS1-T BS1-M BS1-B

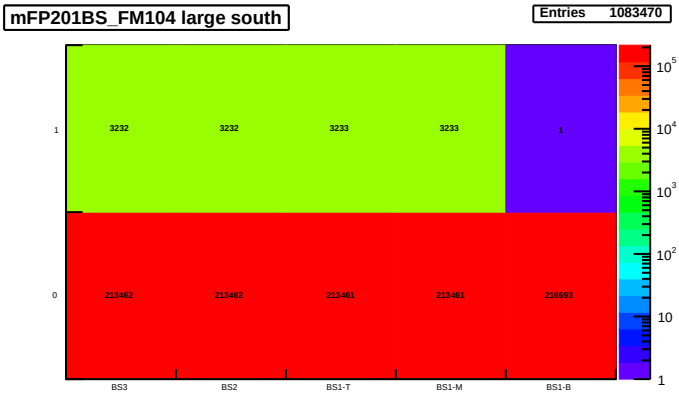

mFP201BSsim_FM101 small north
Entries 3
1 1 1
BS3 BS2 BS1-T BS1-M BS1-B

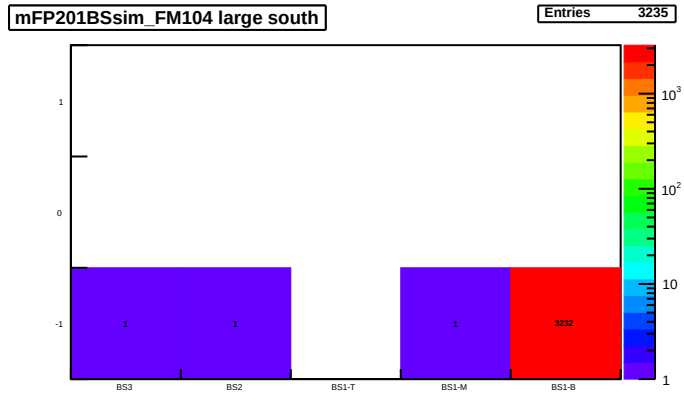

mFP201BS_FM102 small south
Entries 1083470
3232 3233 3233 3232 3233
213462 213461 213461 213462 213461
BS3 BS2 BS1-T BS1-M BS1-B

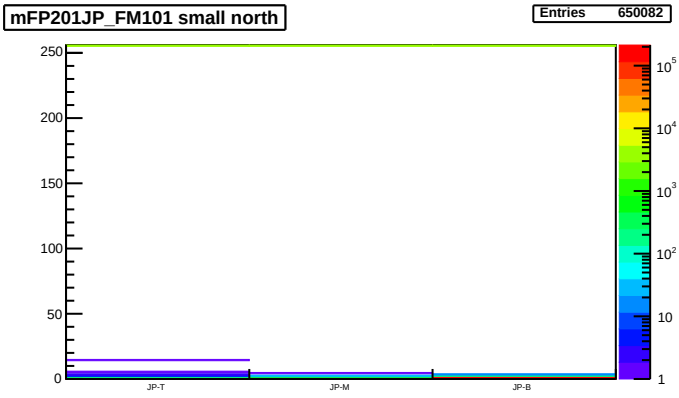

mFP201BSsim_FM102 small south
Entries 3
1 1 1
BS3 BS2 BS1-T BS1-M BS1-B

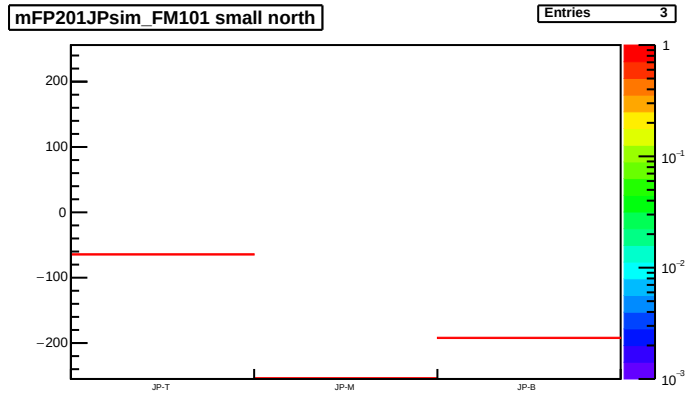

mFP201BS_FM103 large north
Entries 1083470
3232 3232 3233 3233 3234
213462 213462 213461 213461 213460
BS3 BS2 BS1-T BS1-M BS1-B

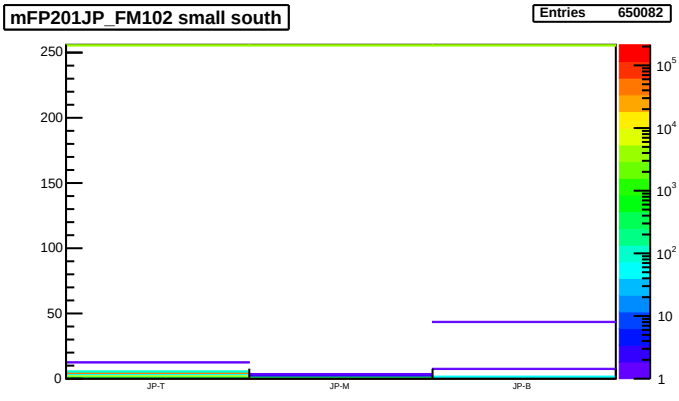

mFP201BSsim_FM103 large north
Entries 4
1 1 1 1
BS3 BS2 BS1-T BS1-M BS1-B

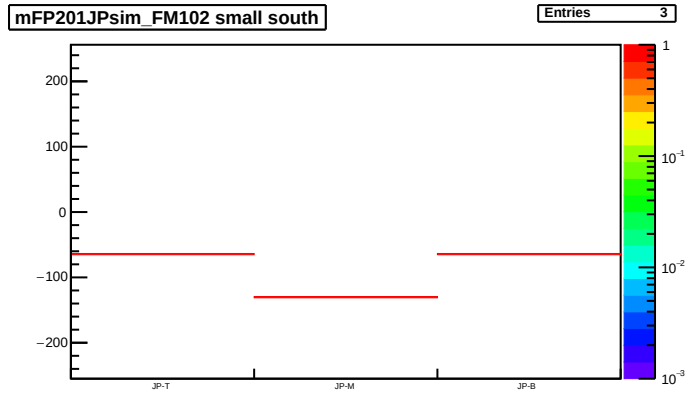

mFP201BS_FM104 large south
Entries 1083470
3232 3232 3233 3233 1
213462 213462 213461 213461 216693
BS3 BS2 BS1-T BS1-M BS1-B

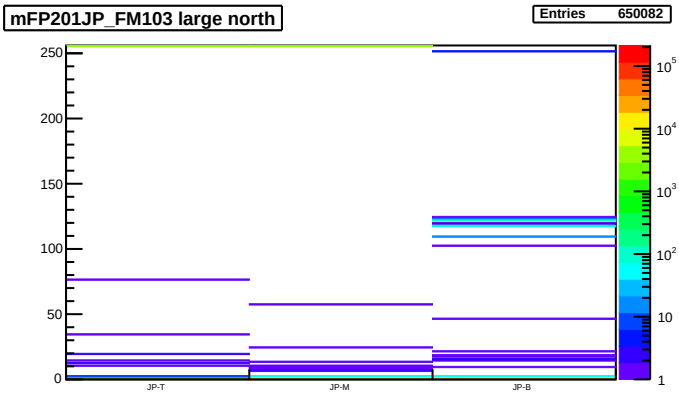

mFP201BSsim_FM104 large south
Entries 3235
1 1 1 3232
BS3 BS2 BS1-T BS1-M BS1-B

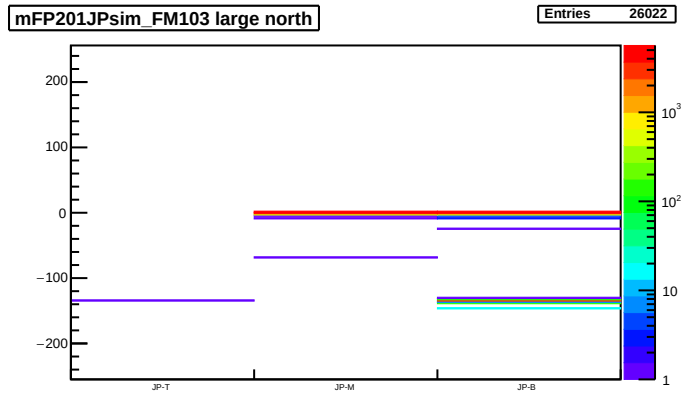

mFP201JP_FM101 small north
Entries 650082
JP-T
JP-M
JP-B

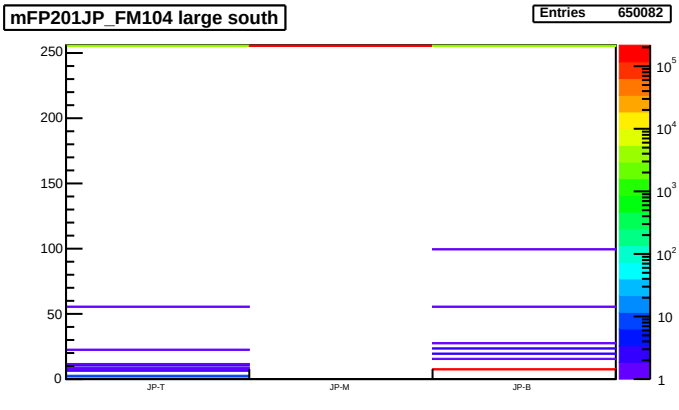

mFP201JPsim_FM101 small north
Entries 3
JP-T
JP-M
JP-B

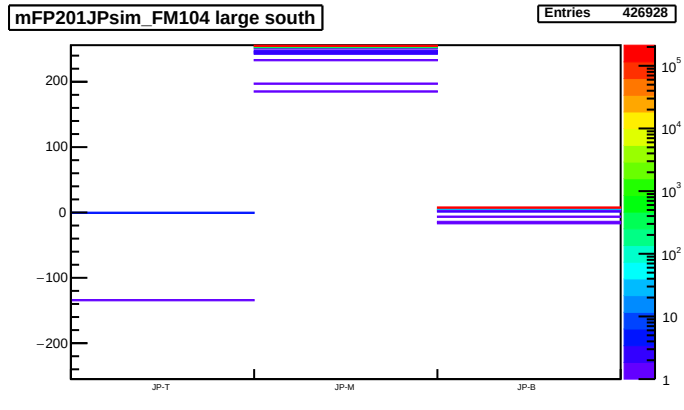

mFP201JP_FM102 small south
Entries 650082
JP-T
JP-M
JP-B

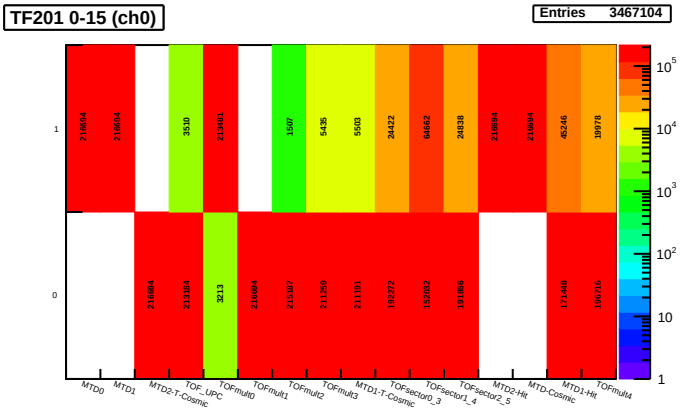

mFP201JPsim_FM102 small south
Entries 3
JP-T
JP-M
JP-B

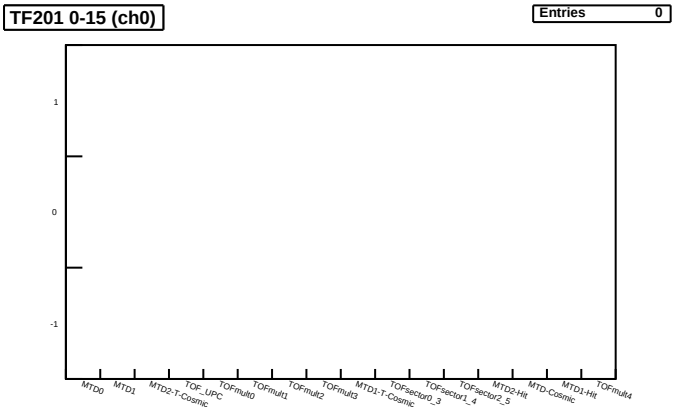

mFP201JP_FM103 large north
Entries 650082
JP-T
JP-M
JP-B

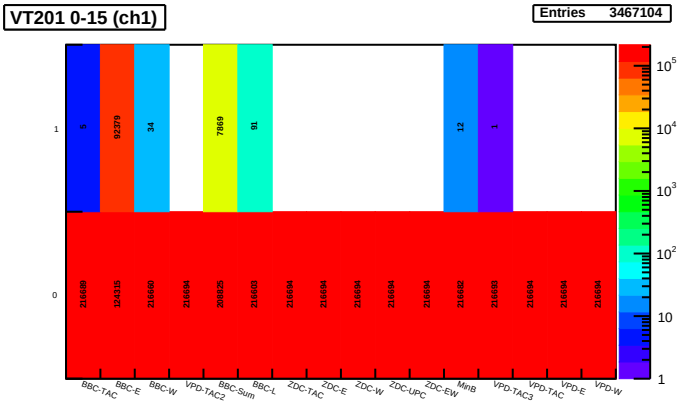

mFP201JPsim_FM103 large north
Entries 26022
JP-T
JP-M
JP-B

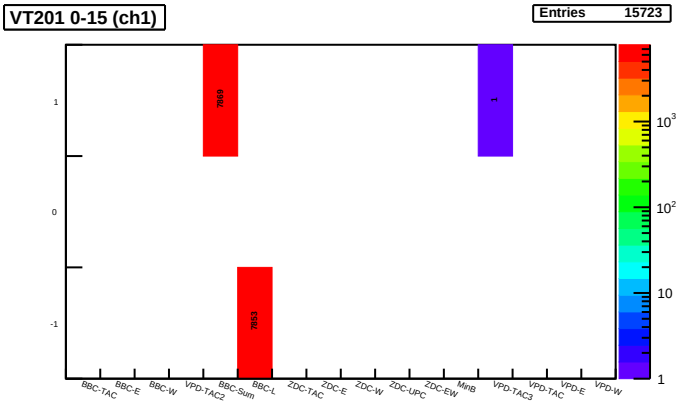

mFP201JP_FM104 large south
Entries 650082
JP-T
JP-M
JP-B

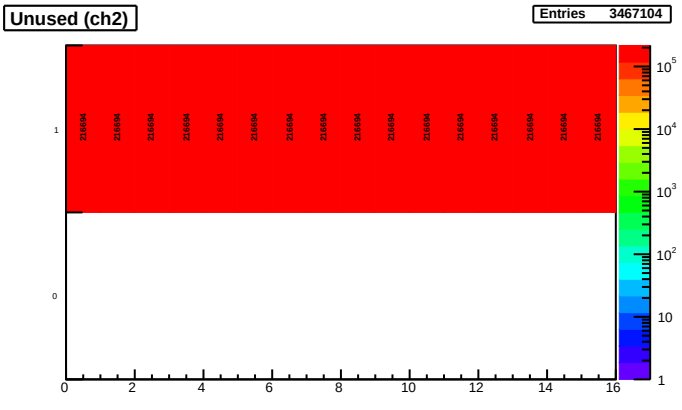

mFP201JPsim_FM104 large south
Entries 426928
JP-T
JP-M
JP-B

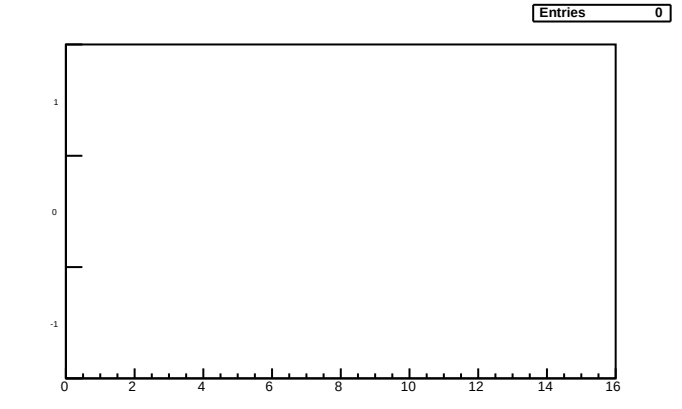

TF201 0-15 (ch0)
Entries 3467104
216694 216694 3510 213631 1507 5435 5503 24422 64662 24838 216694 216694 45246 19978
216694 213184 3213 216694 215187 211259 211191 192272 152032 191856 171448 196716
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

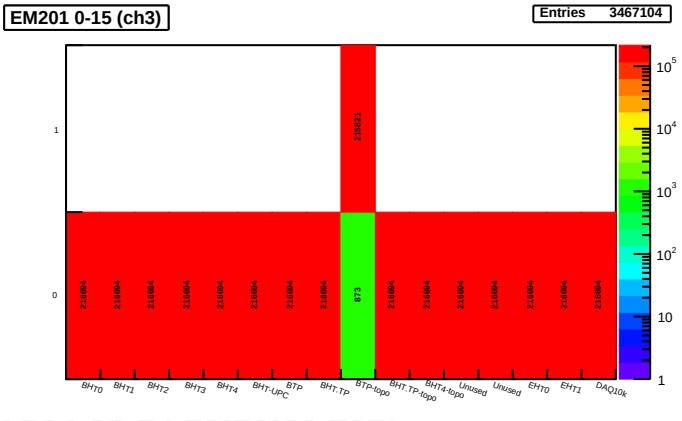

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

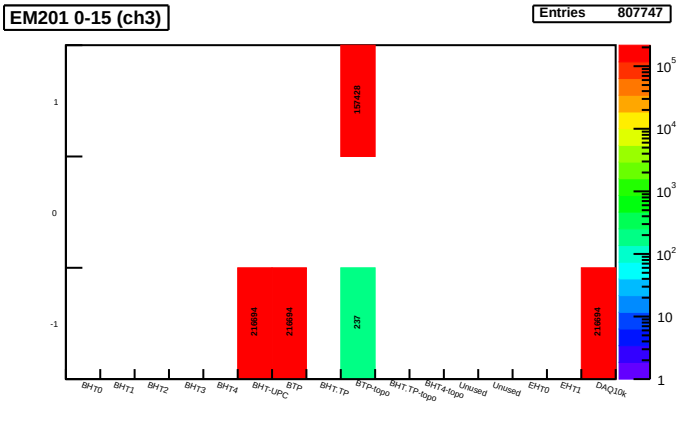

VT201 0-15 (ch1)
Entries 3467104
5 92379 34 7869 91 12 1
216689 124315 216680 216694 208825 216603 216694 216694 216694 216694 216682 216693 216694 216694 216694
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

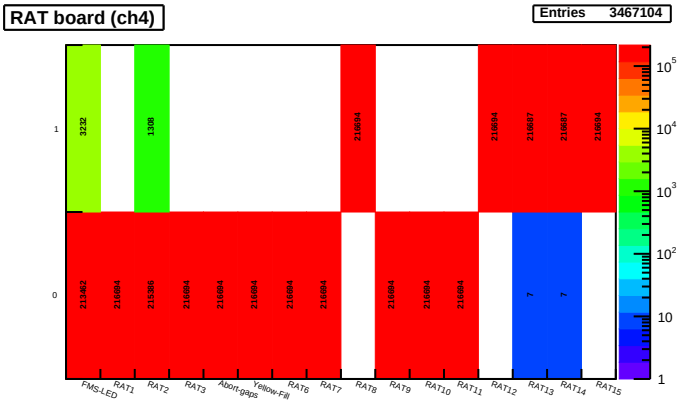

VT201 0-15 (ch1)
Entries 15723
7869 1
7893
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

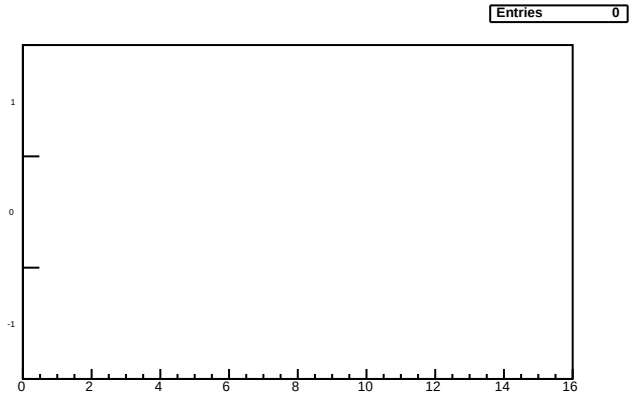

Unused (ch2)
Entries 3467104
216694 216694 216694 216694 216694 216694 216694 216694 216694 216694 216694 216694 216694 216694 216694 216694

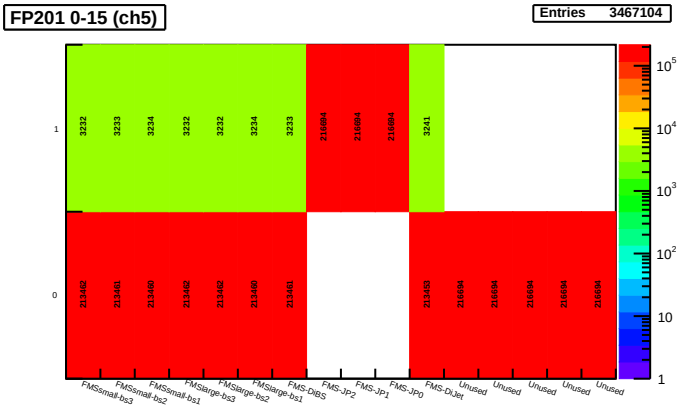

Entries 0


EM201 0-15 (ch3)
Entries 3467104
215921
216694 216694 216694 216694 216694 216694 216694 873 216694 216694 216694 216694 216694 216694 216694
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 807747
157428
216694 216694 237 216694
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 3467104
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0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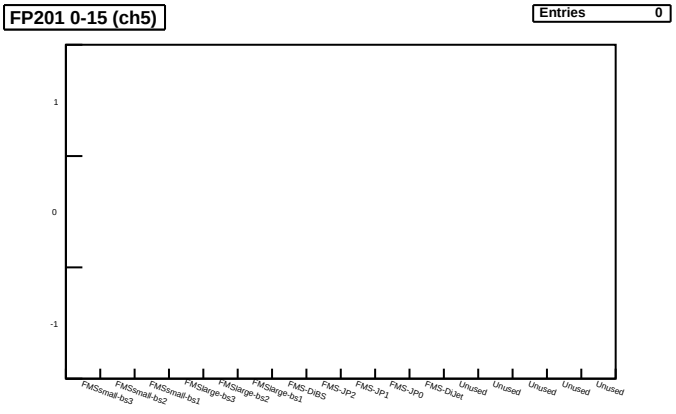
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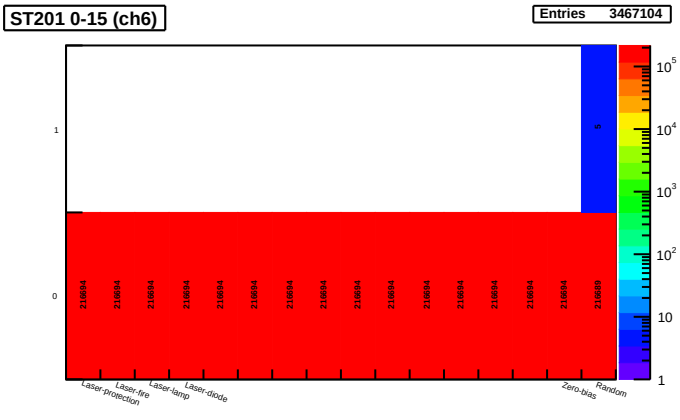
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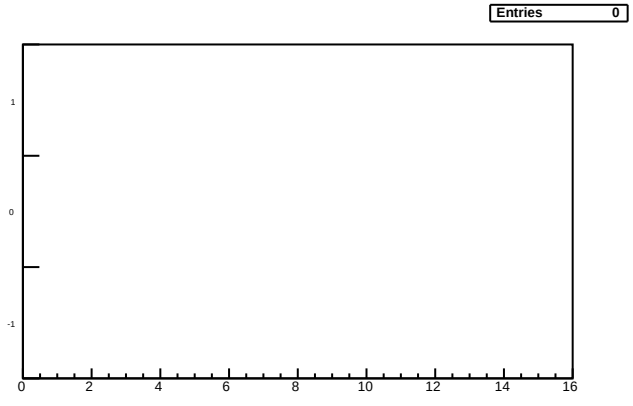
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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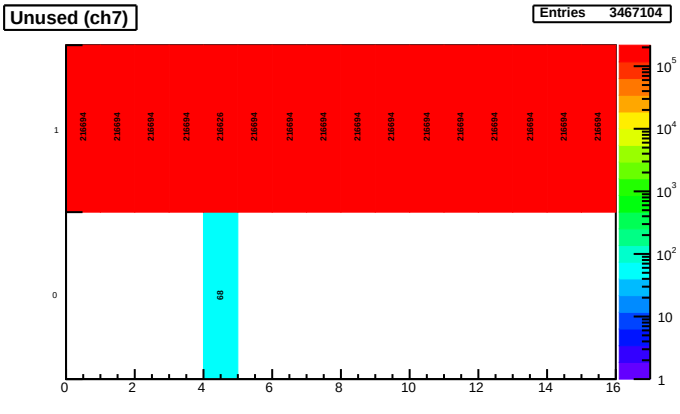
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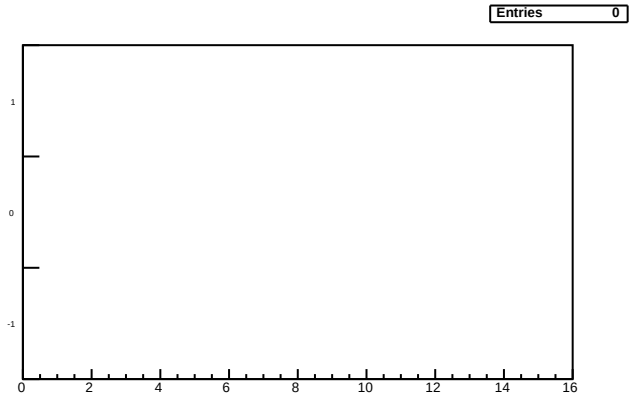
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