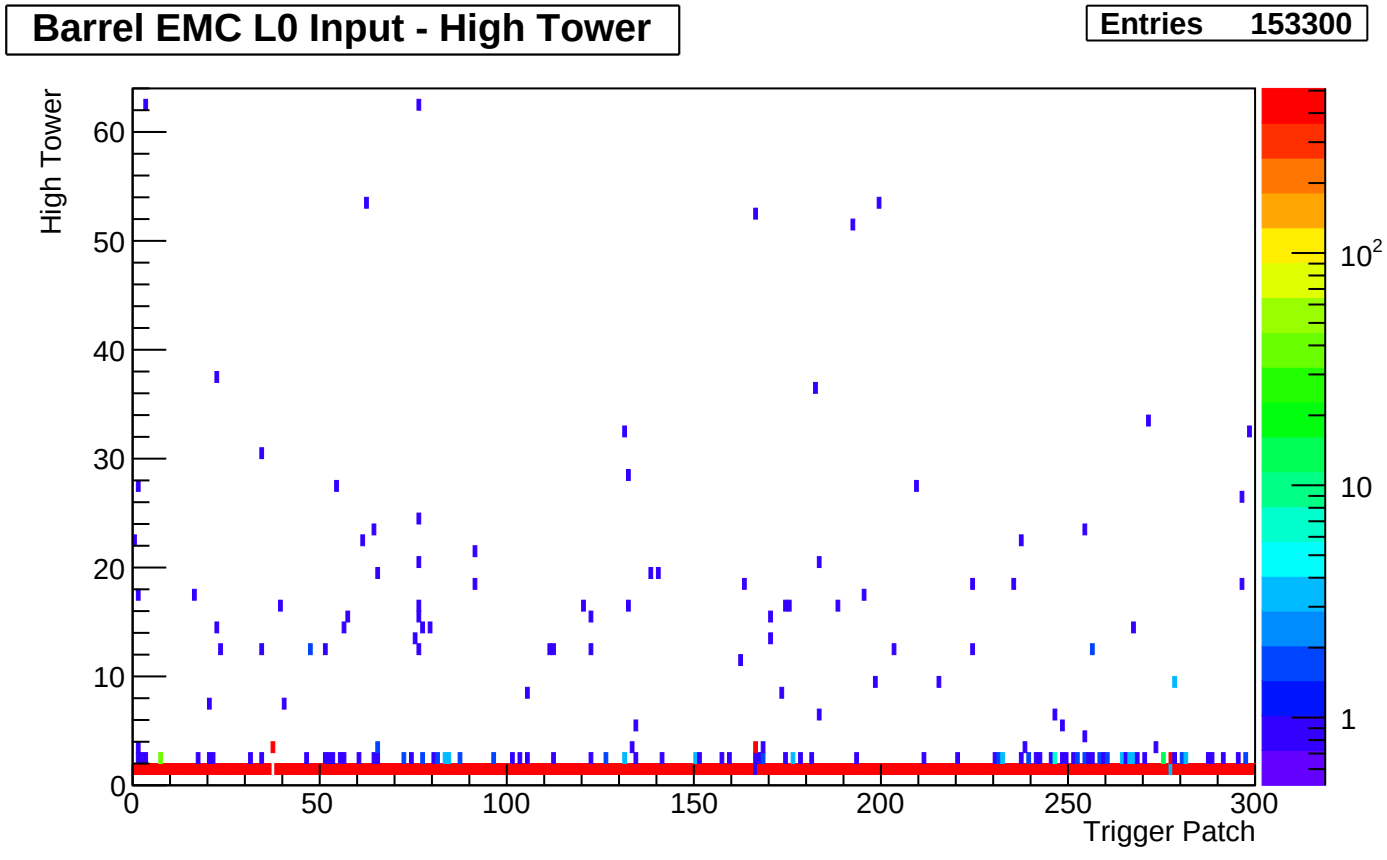
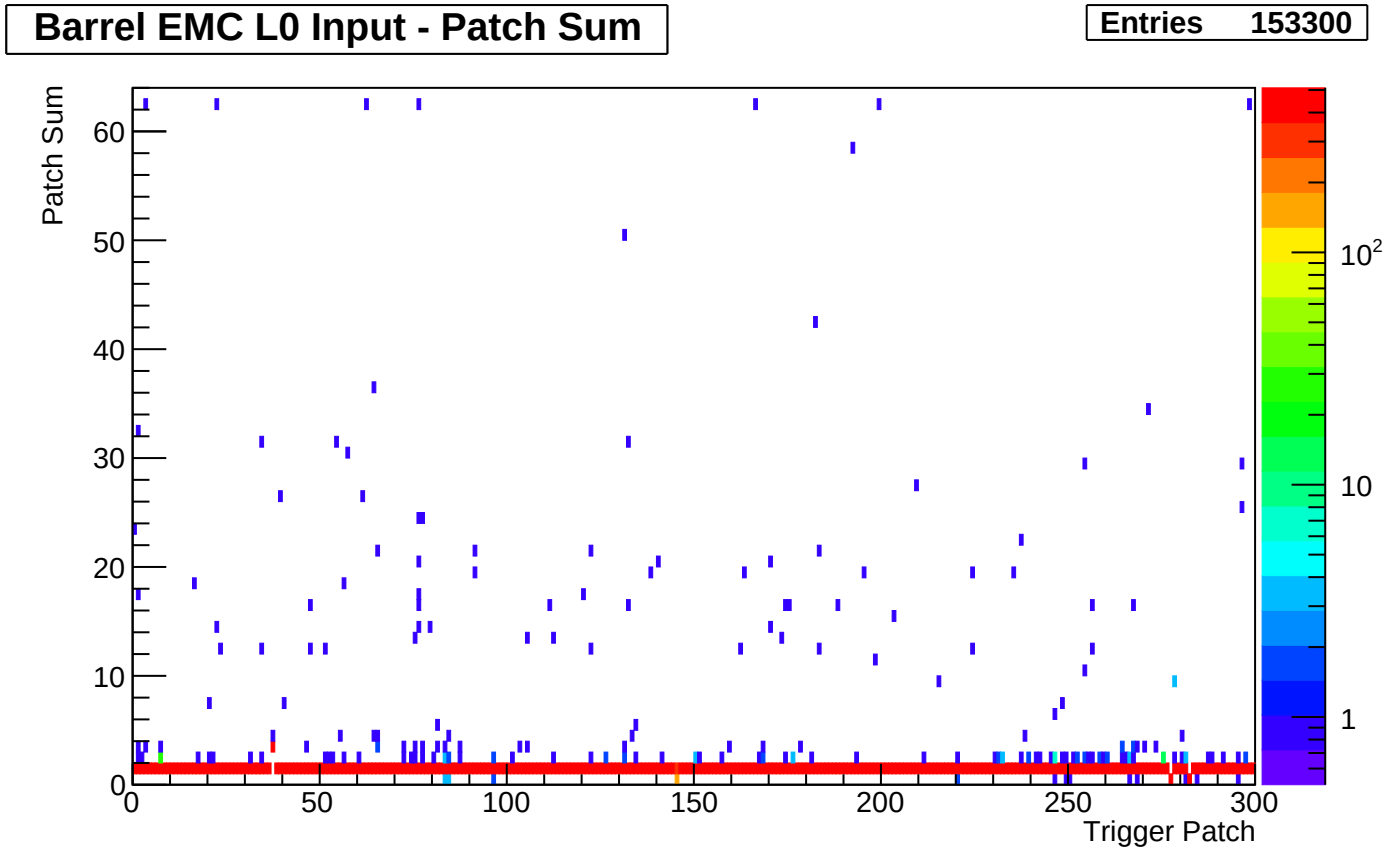
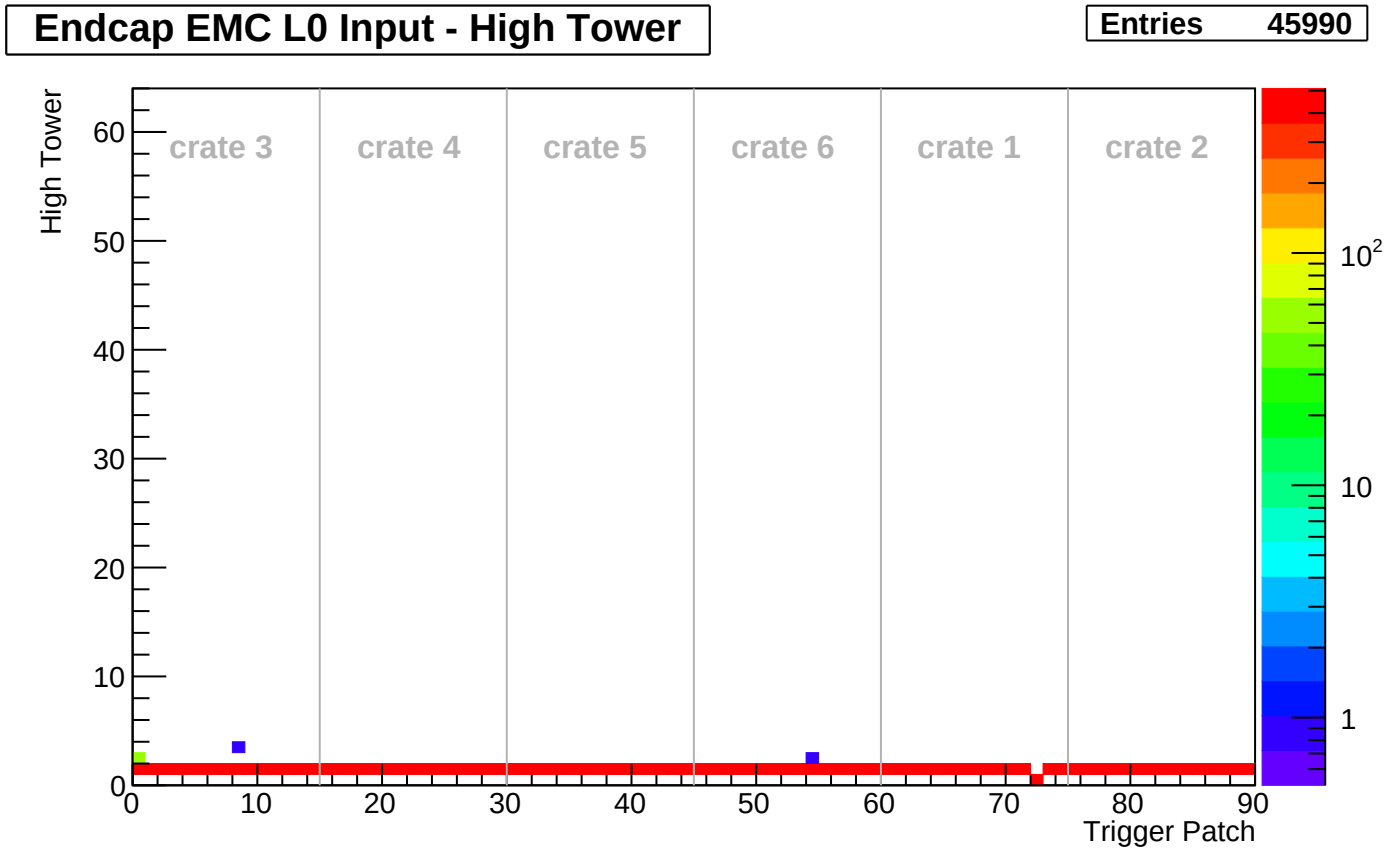
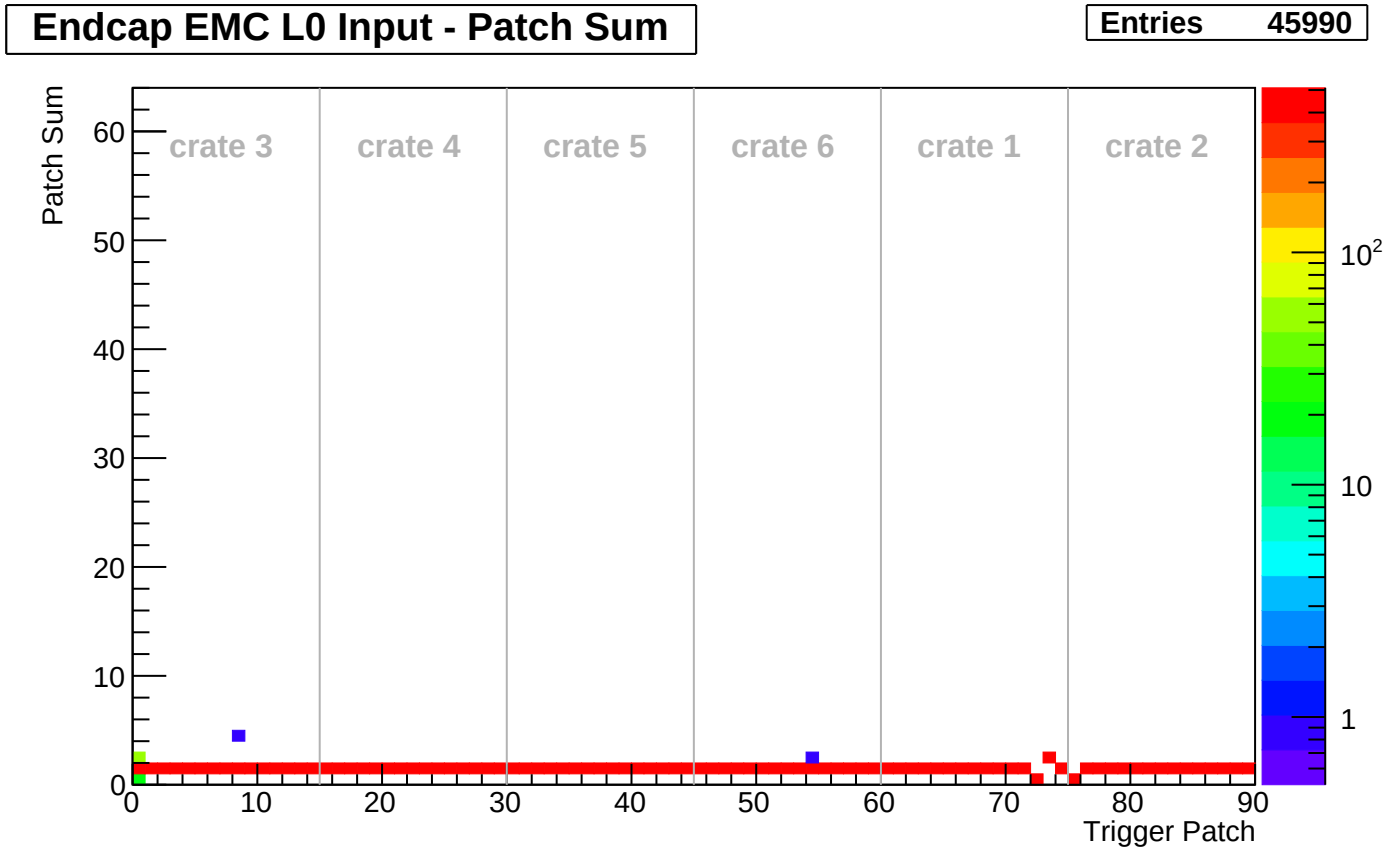
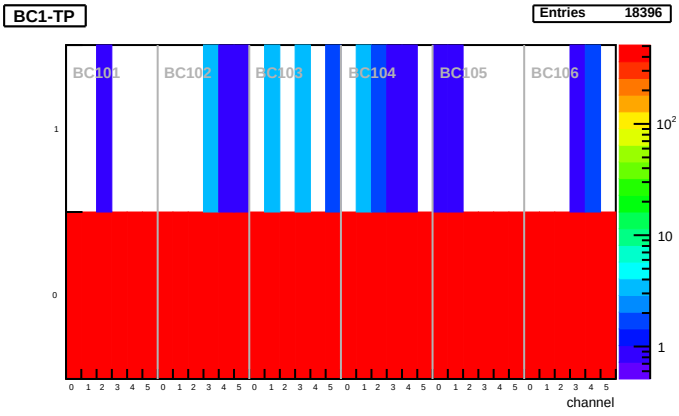
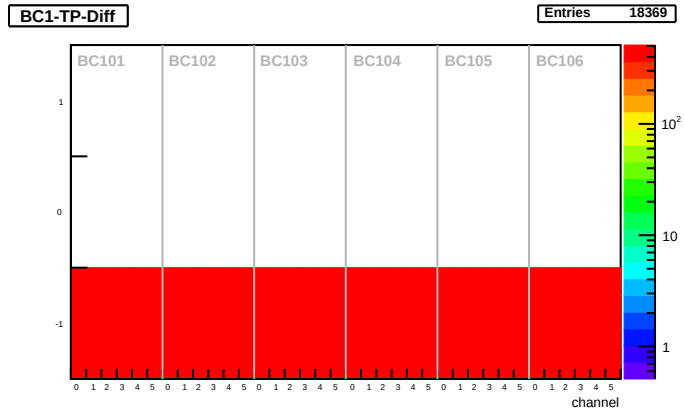

Barrel EMC L0 Input - High Tower
Entries 153300
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

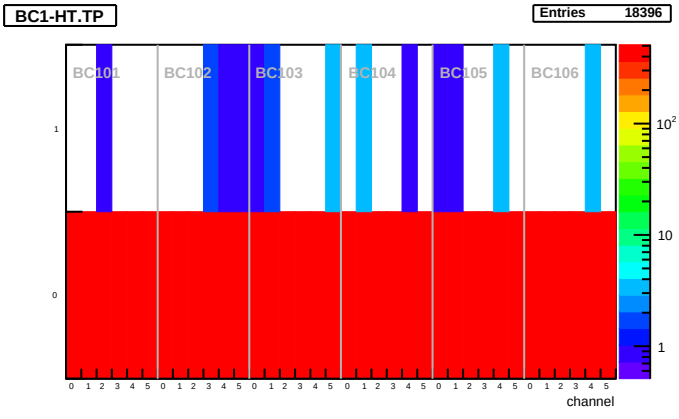

Barrel EMC L0 Input - Patch Sum
Entries 153300
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

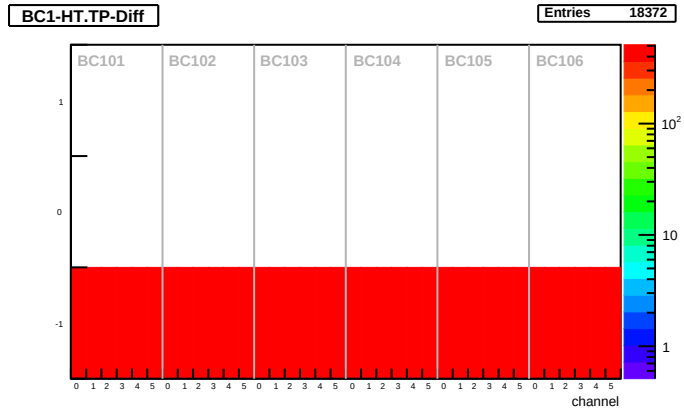

Endcap EMC L0 Input - High Tower
Entries 45990
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

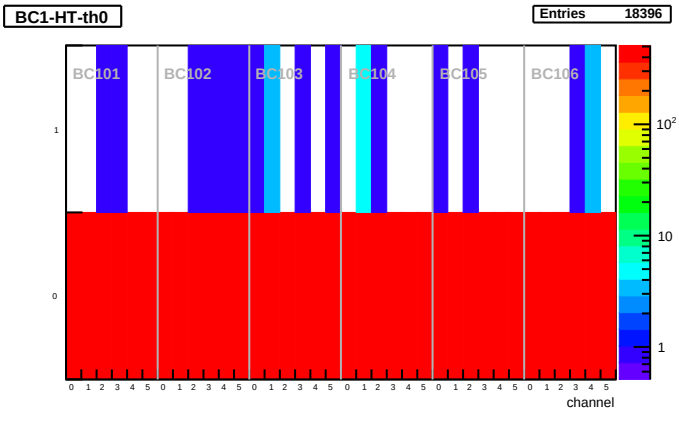

Endcap EMC L0 Input - Patch Sum
Entries 45990
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

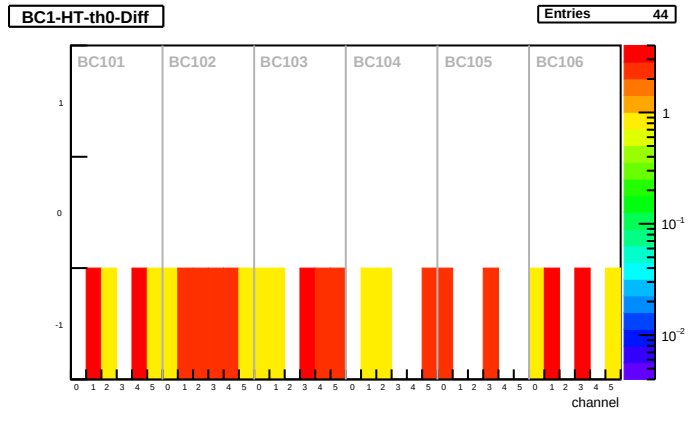

BC1-TP
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

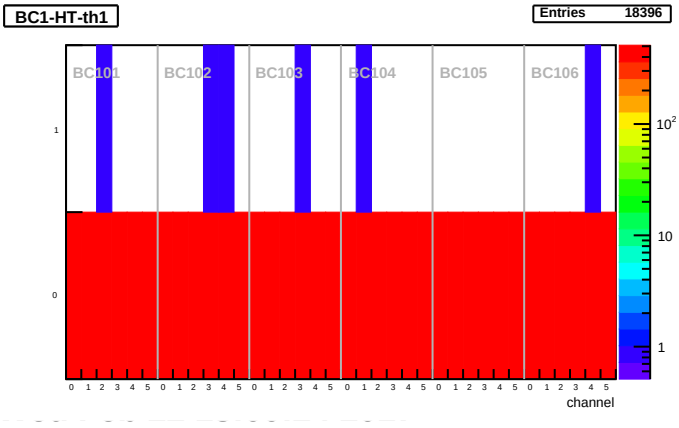

BC1-TP-Diff
Entries 18369
BC101
BC102
BC103
BC104
BC105
BC106
channel

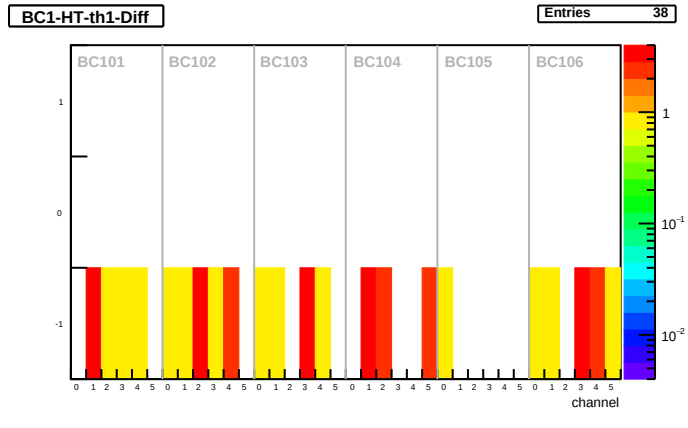

BC1-HT.TP
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

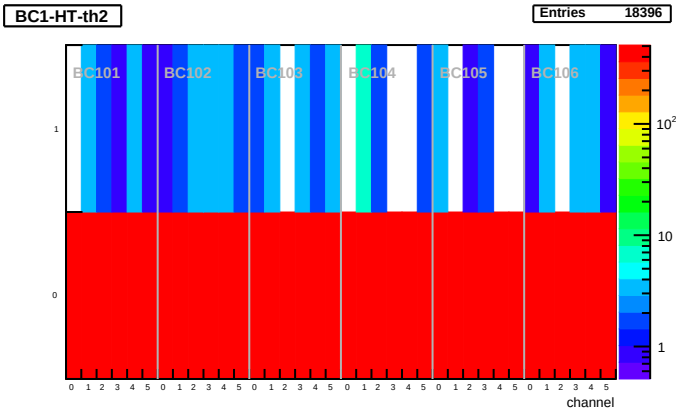

BC1-HT.TP-Diff
Entries 18372
BC101
BC102
BC103
BC104
BC105
BC106
channel

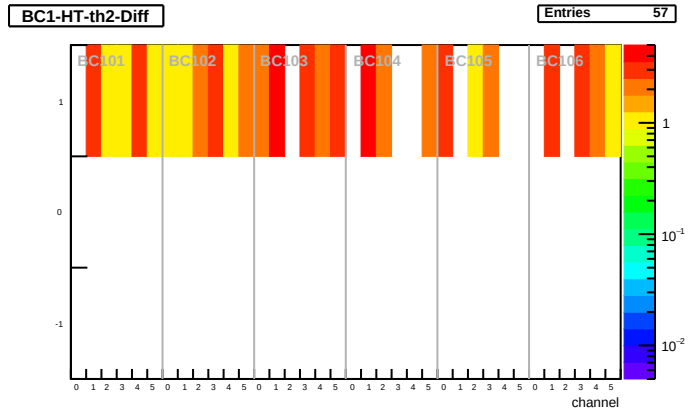

BC1-HT-th0
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

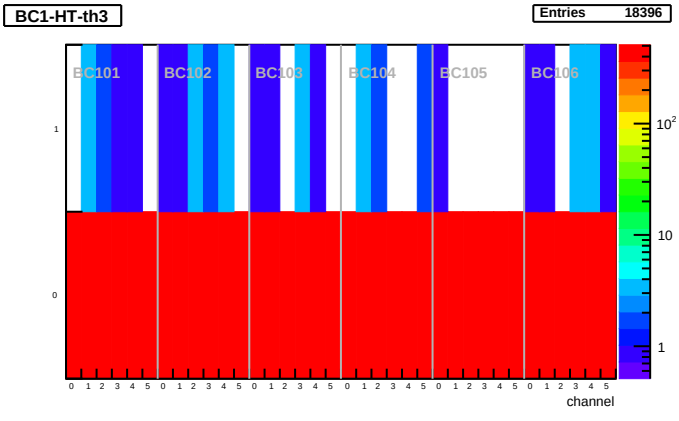

BC1-HT-th0-Diff
Entries 44
BC101
BC102
BC103
BC104
BC105
BC106
channel

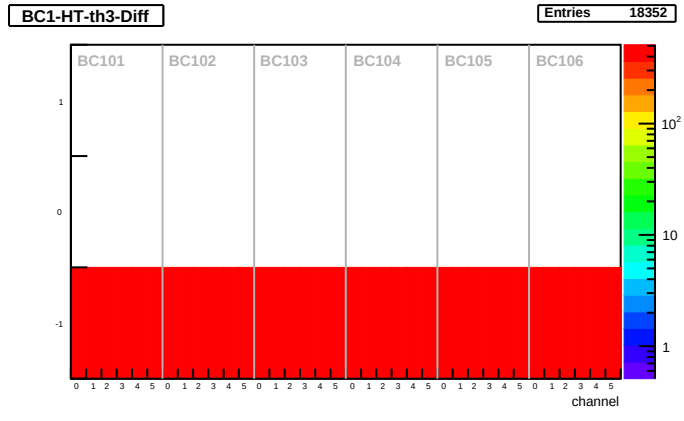

BC1-HT-th1
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

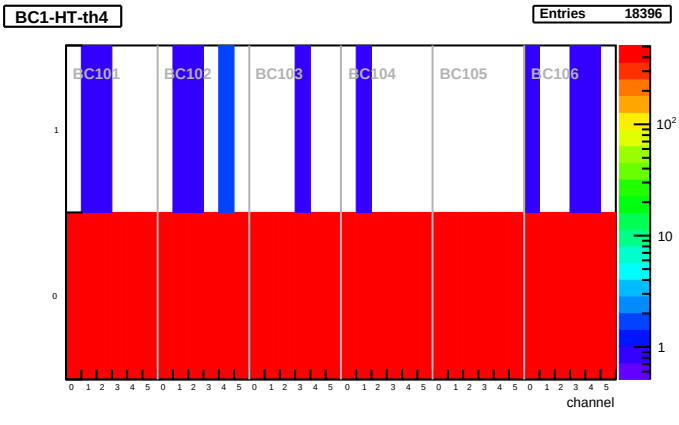

BC1-HT-th1-Diff
Entries 38
BC101
BC102
BC103
BC104
BC105
BC106
channel

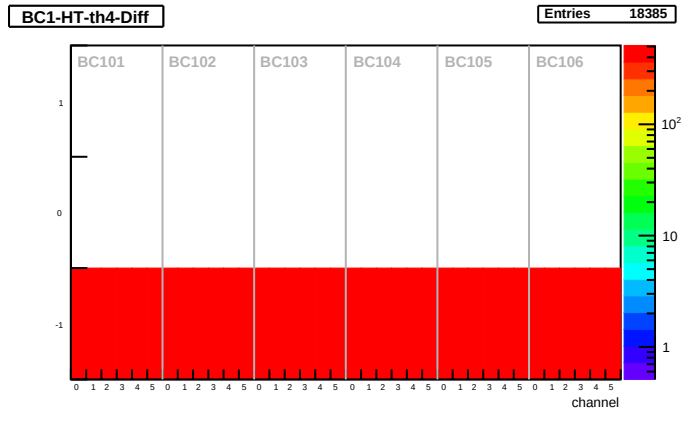

BC1-HT-th2
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

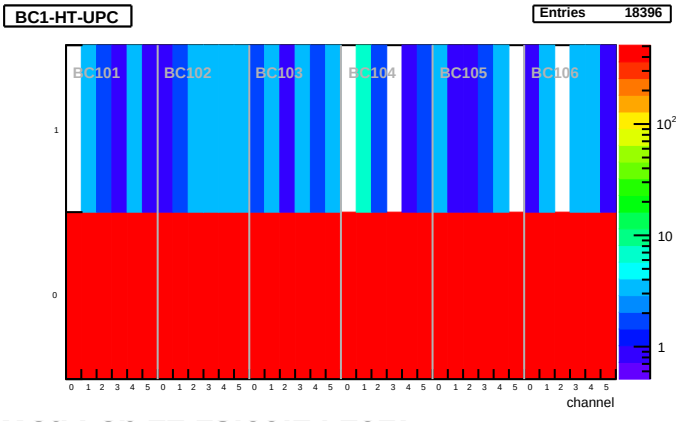

BC1-HT-th2-Diff
Entries 57
BC101
BC102
BC103
BC104
BC105
BC106
channel

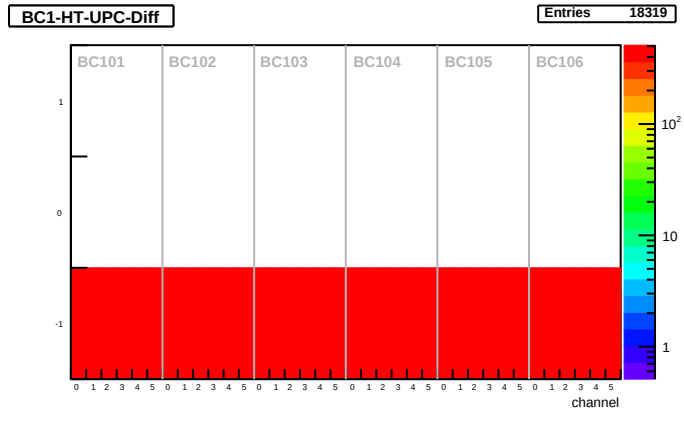

BC1-HT-th3
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

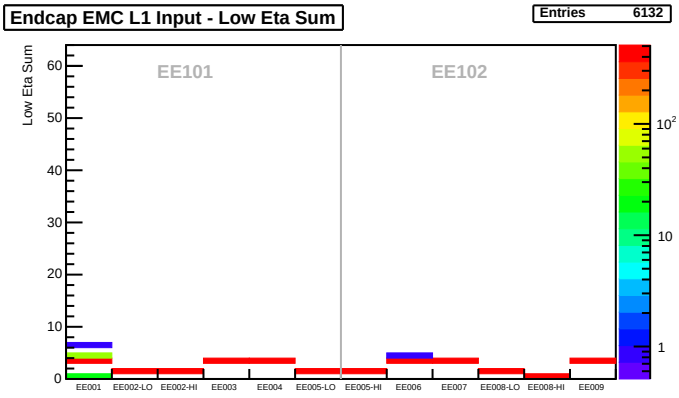

BC1-HT-th3-Diff
Entries 18352
BC101
BC102
BC103
BC104
BC105
BC106
channel

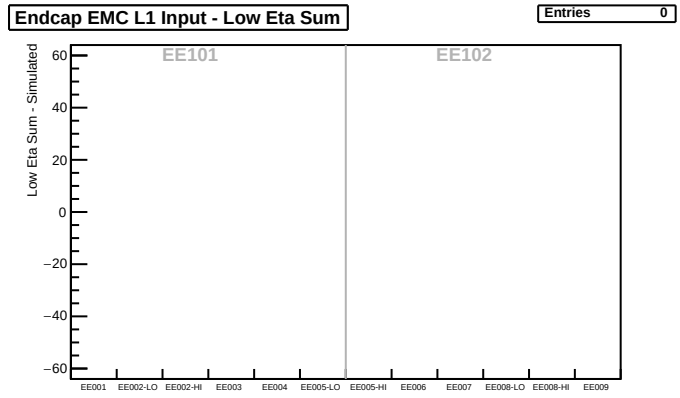

BC1-HT-th4
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

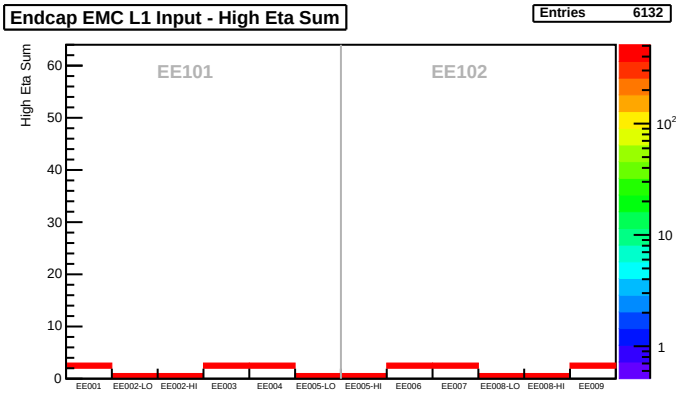

BC1-HT-th4-Diff
Entries 18385
BC101
BC102
BC103
BC104
BC105
BC106
channel

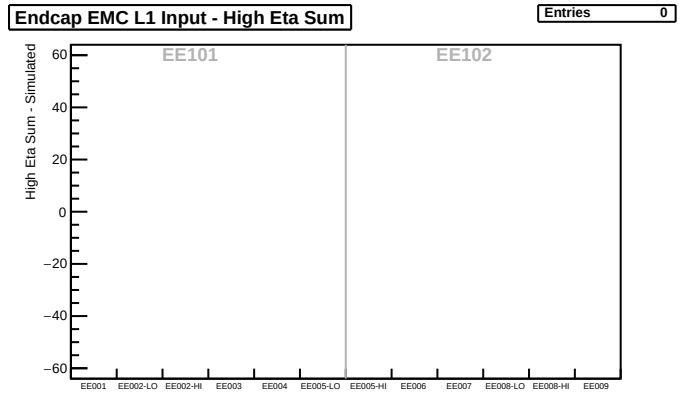

BC1-HT-UPC
Entries 18396
BC101
BC102
BC103
BC104
BC105
BC106
channel

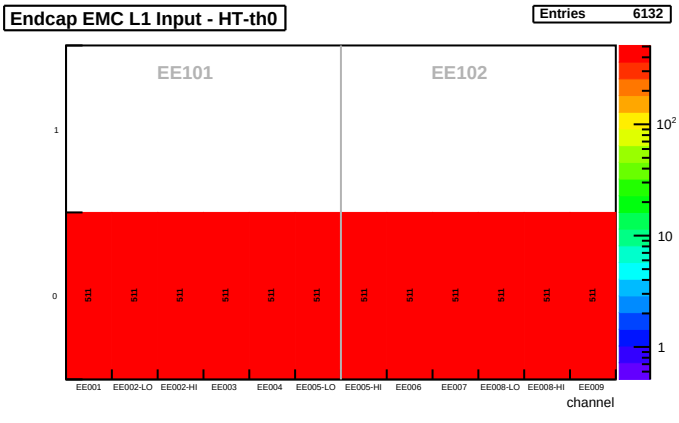

BC1-HT-UPC-Diff
Entries 18319
BC101
BC102
BC103
BC104
BC105
BC106
channel

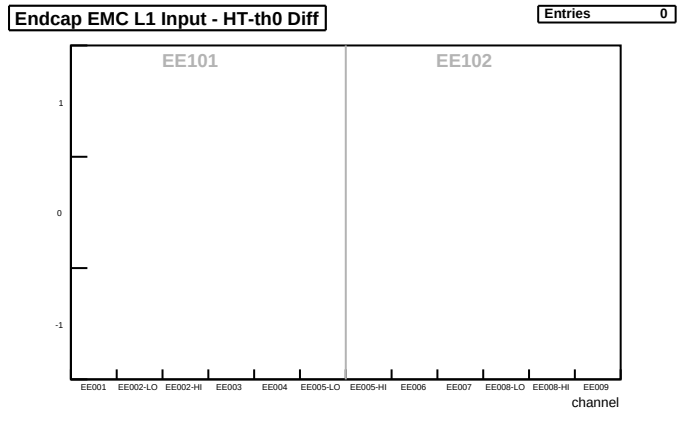

Endcap EMC L1 Input - Low Eta Sum
Entries 6132
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

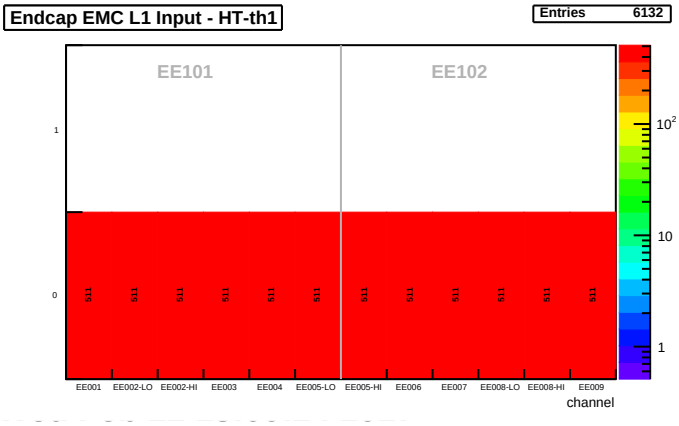

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

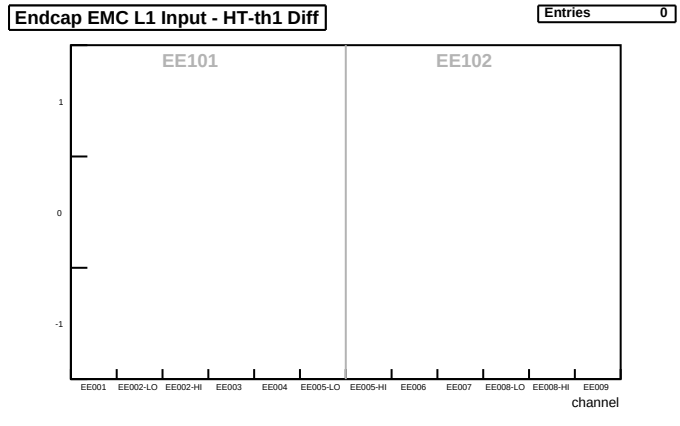

Endcap EMC L1 Input - High Eta Sum
Entries 6132
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

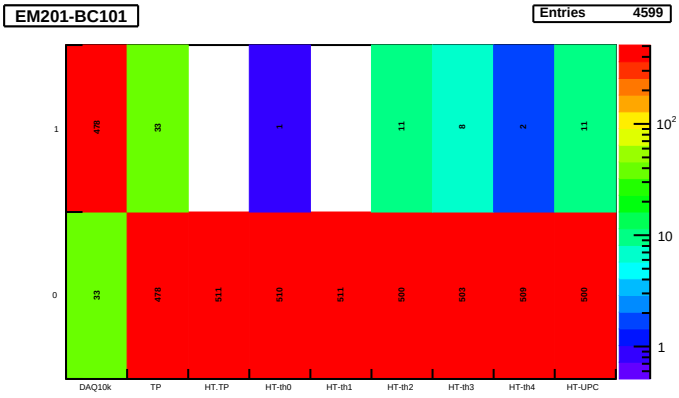

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

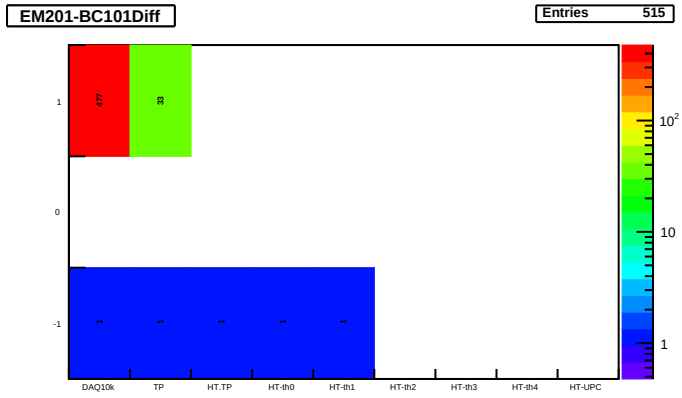

Endcap EMC L1 Input - HT-th0
Entries 6132
EE101
EE102
511
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

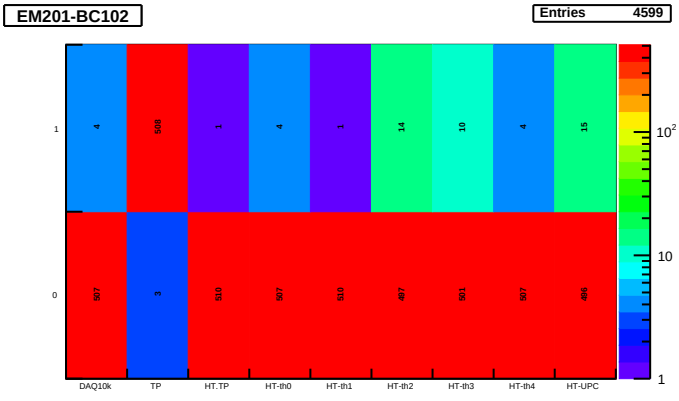

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

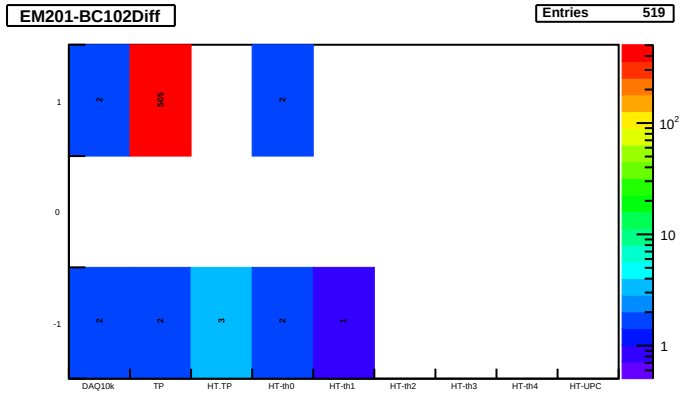

Endcap EMC L1 Input - HT-th1
Entries 6132
EE101
EE102
511
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

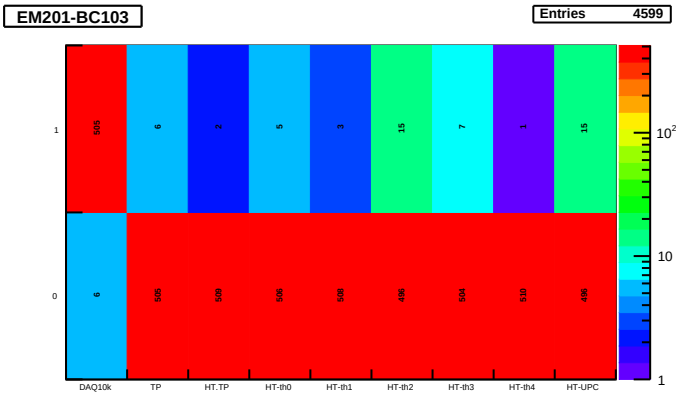

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

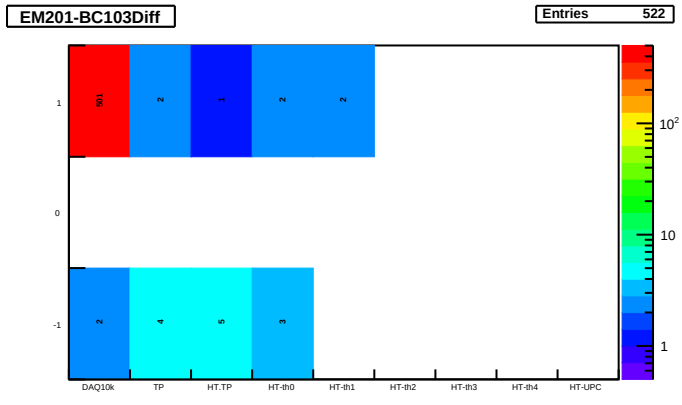

EM201-BC101
Entries 4599
1
0
476 33 1 11 8 2 11
33 478 511 510 511 500 503 509 500
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

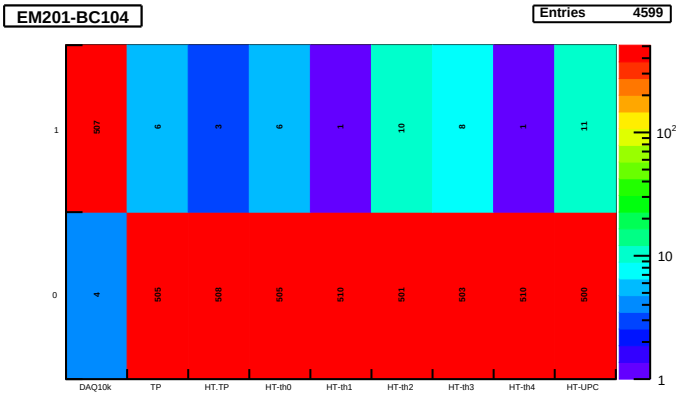

EM201-BC101Diff
Entries 515
1
0
-1
477 33
1 1 1 1 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

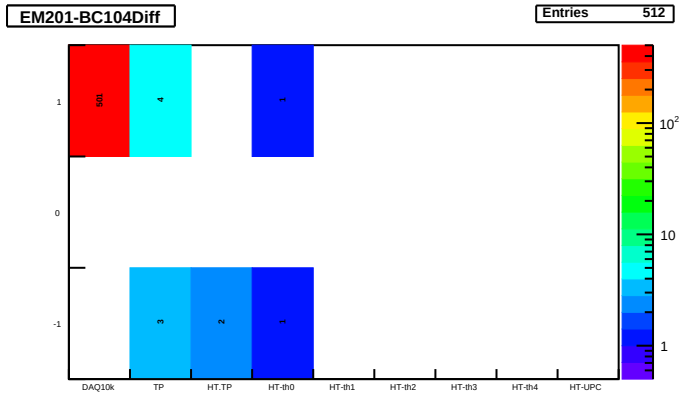

EM201-BC102
Entries 4599
1
0
4 508 1 4 1 14 10 4 15
507 3 510 507 510 497 501 507 496
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC102Diff
Entries 519
1
0
-1
2 505 2
2 2 3 2 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC103
Entries 4599
1
0
505 6 2 5 3 15 7 1 15
6 505 509 506 508 496 504 510 496
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

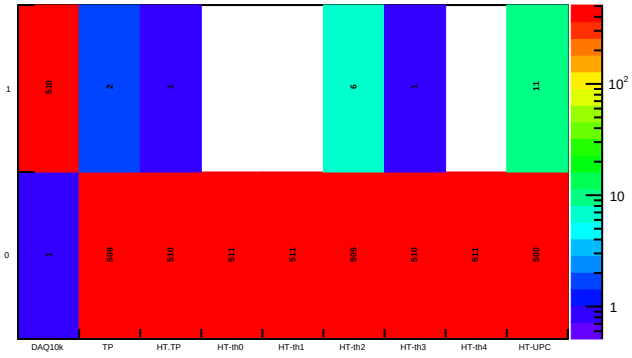

EM201-BC103Diff
Entries 522
1
0
-1
501 2 1 2 2
2 4 5 3
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC104
Entries 4599
1
0
507 6 3 6 1 10 8 1 11
4 505 508 505 510 501 503 510 500
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC104Diff
Entries 512
1
0
-1
501 4 1
3 2 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

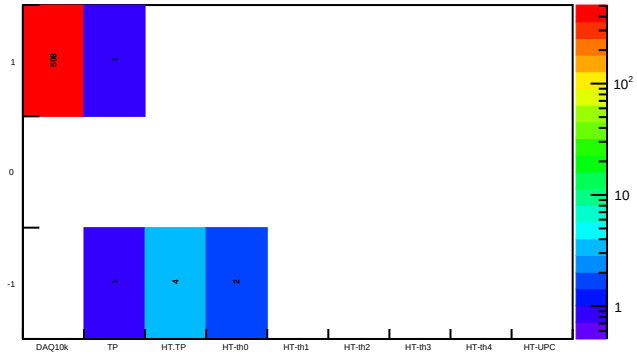
EM201-BC105

Entries 4599



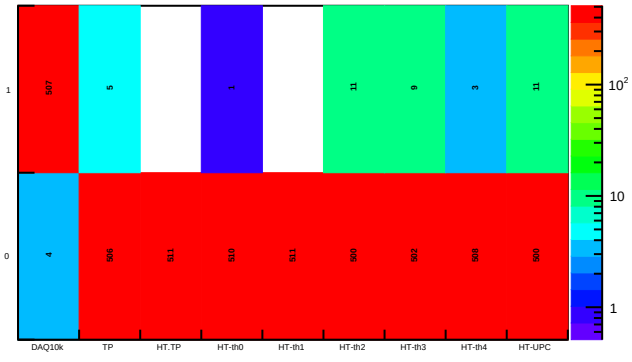
EM201-BC105Diff

Entries 516



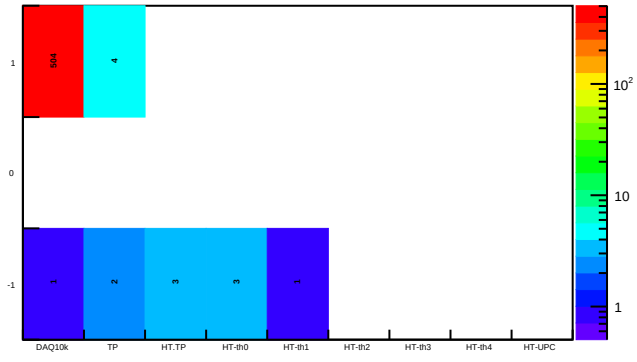
EM201-BC106

Entries 4599



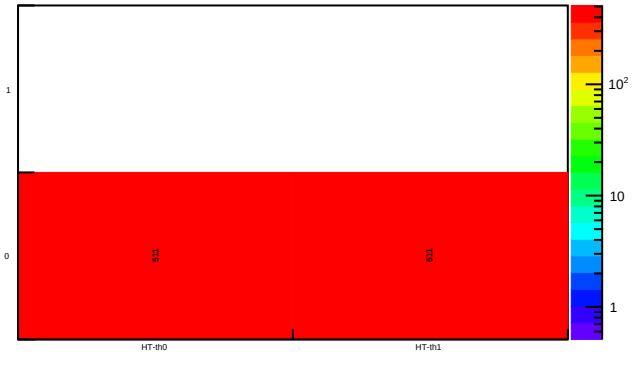
EM201-BC106Diff

Entries 518



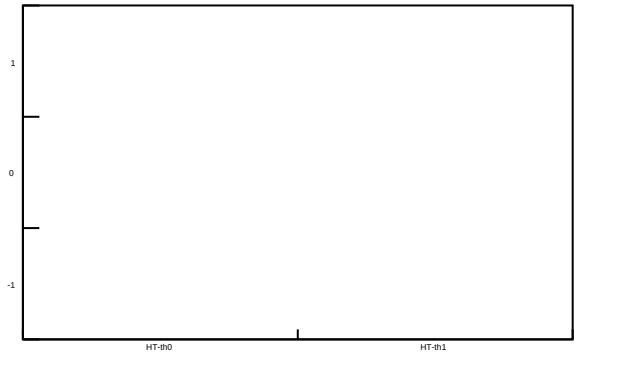
EM201-EE101

Entries 1022



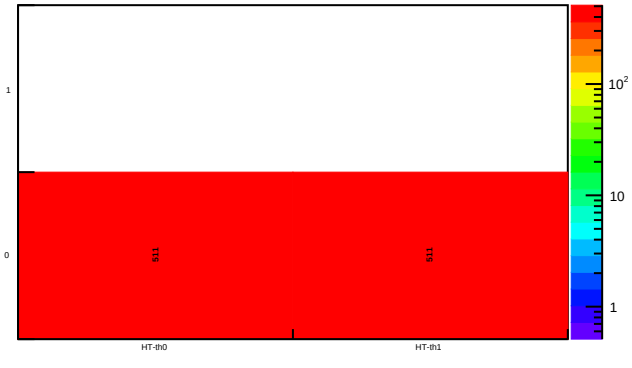
EM201-EE101Diff

Entries 0



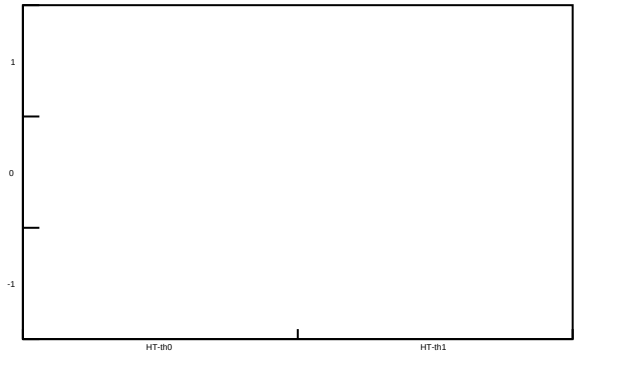
EM201-EE102

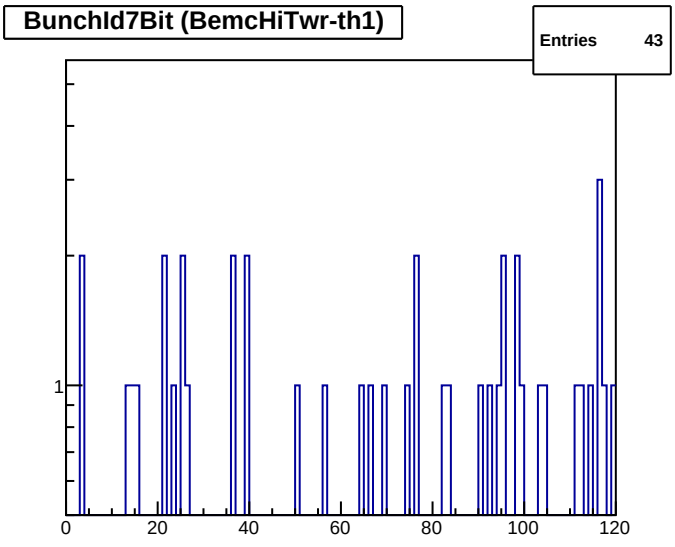
Entries 1022

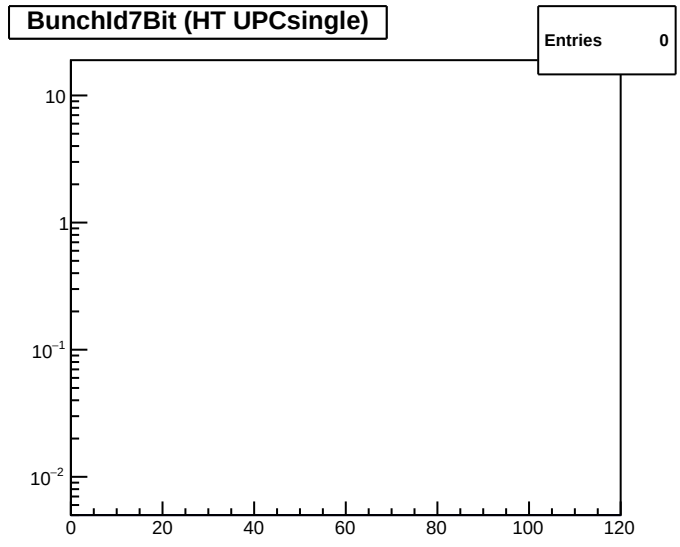


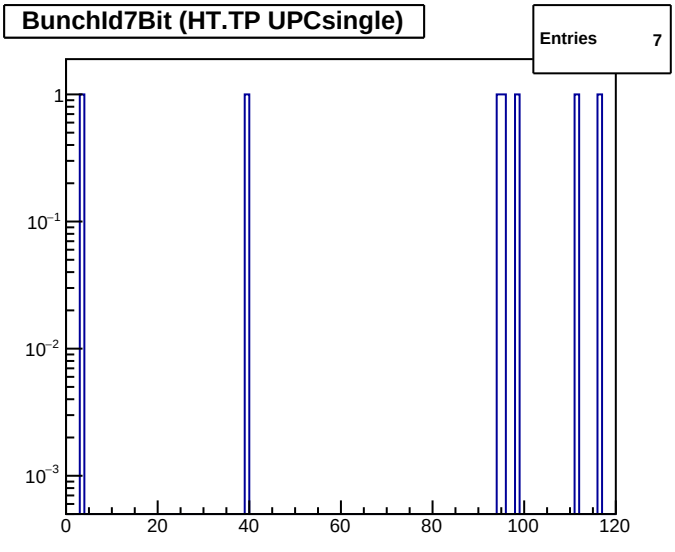
EM201-EE102Diff

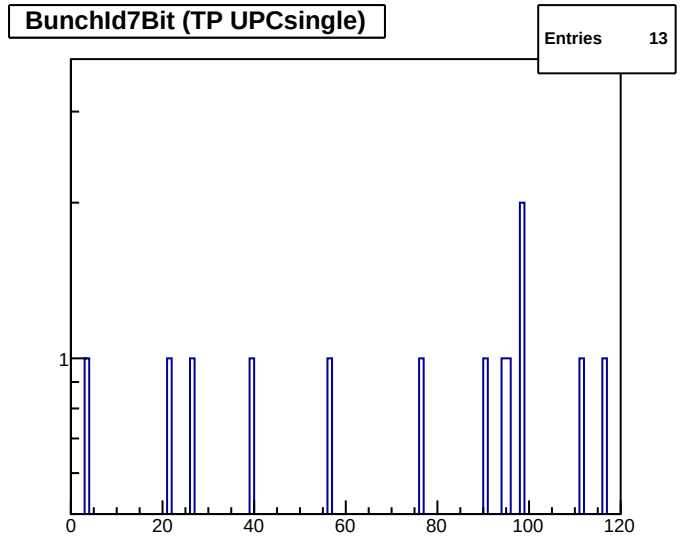
Entries 0

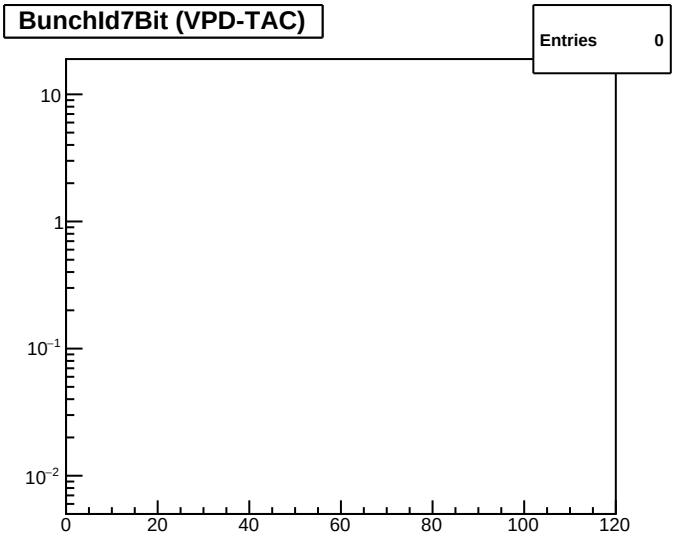


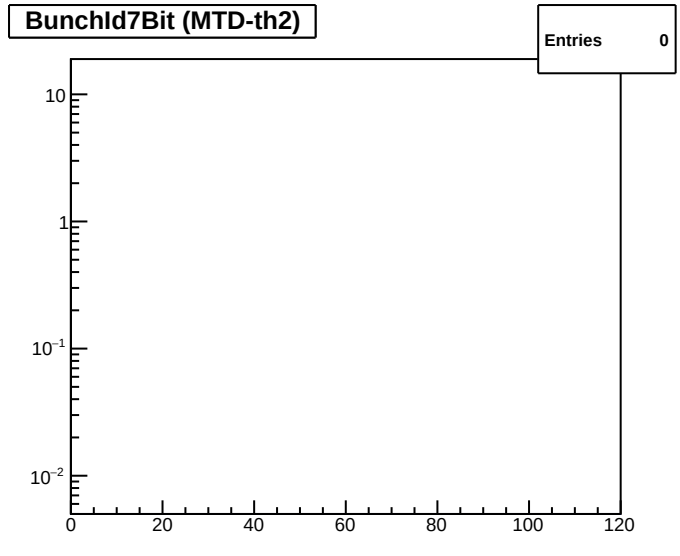

BunchId7Bit (BemcHiTwr-th1)
Entries 43
1
0 20 40 60 80 100 120

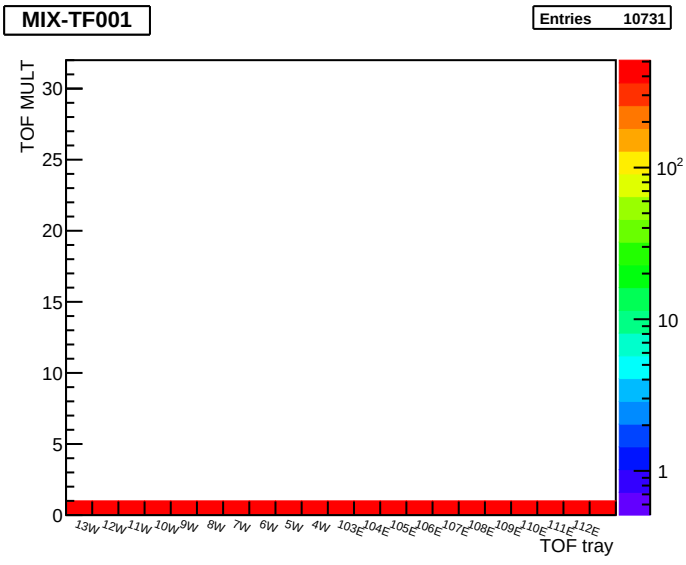

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

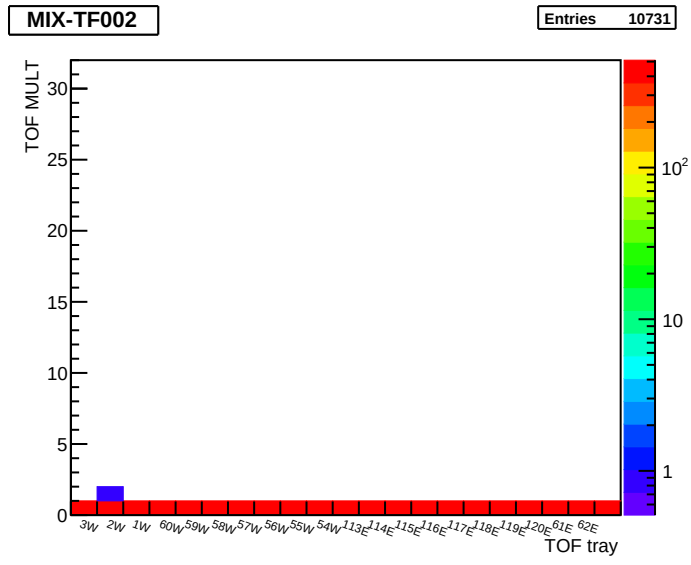

BunchId7Bit (HT.TP UPCsingle)
Entries 7
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

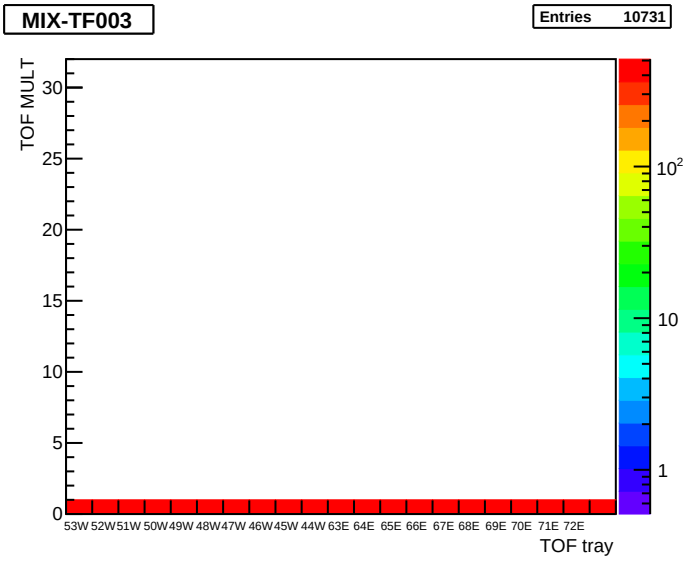

BunchId7Bit (TP UPCsingle)
Entries 13
1
0 20 40 60 80 100 120

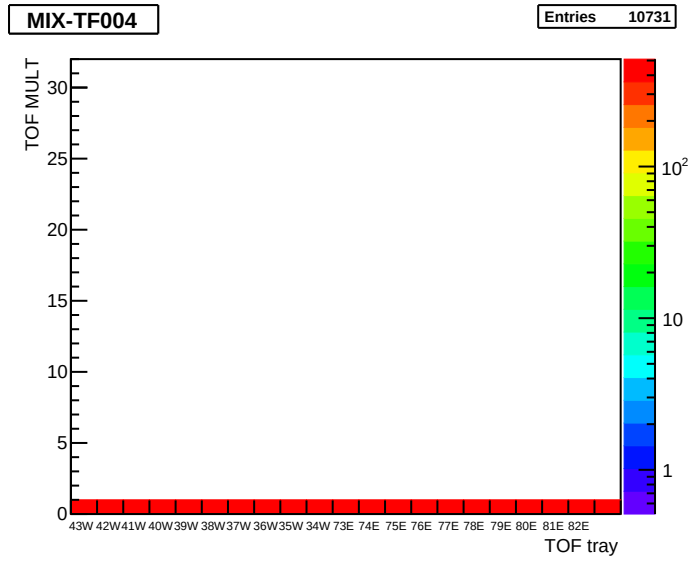

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

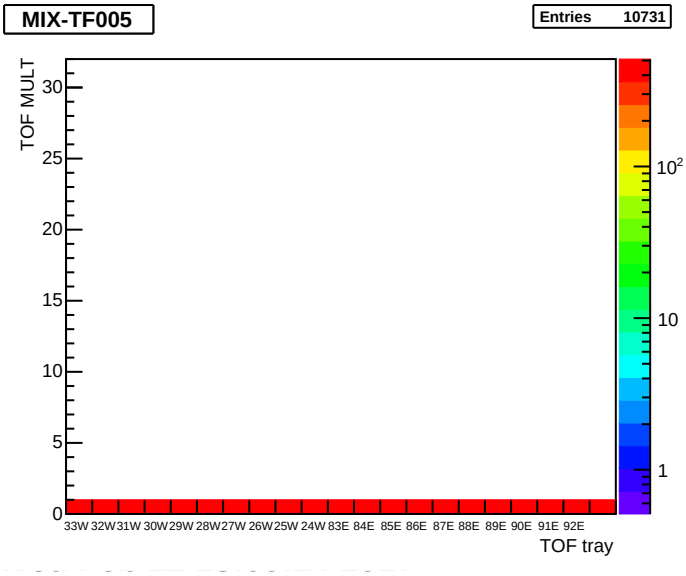

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

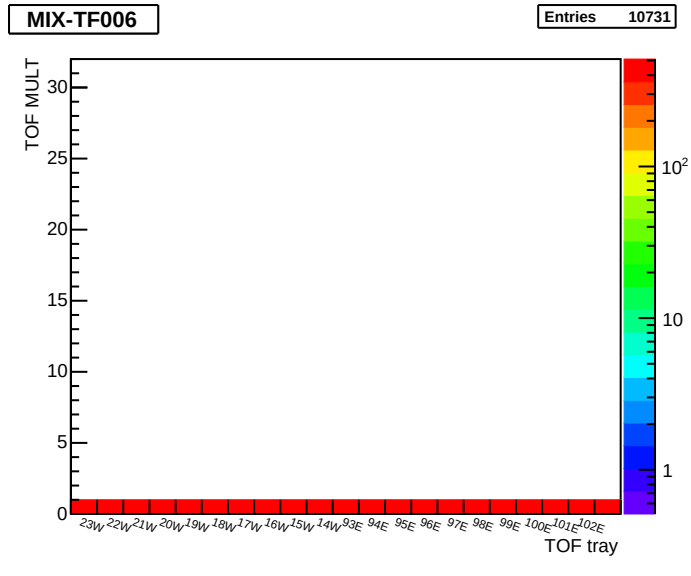

MIX-TF001
Entries 10731
TOF MULT
TOF tray

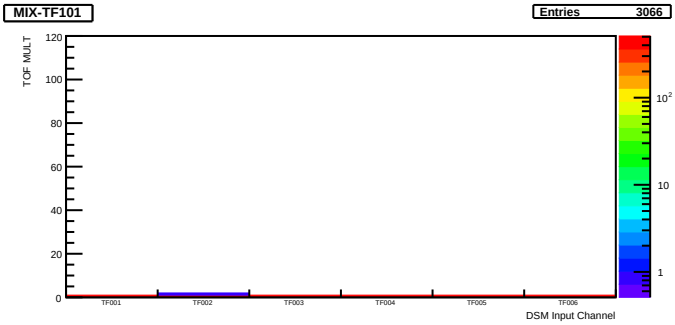

MIX-TF002
Entries 10731
TOF MULT
TOF tray

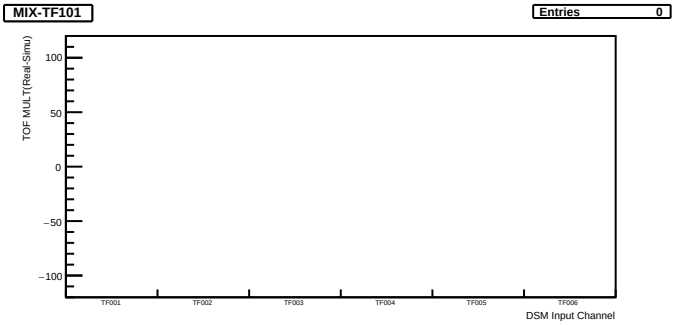

MIX-TF003
Entries 10731
TOF MULT
TOF tray

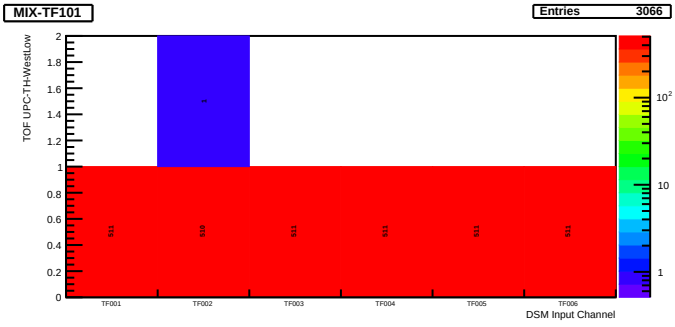

MIX-TF004
Entries 10731
TOF MULT
TOF tray

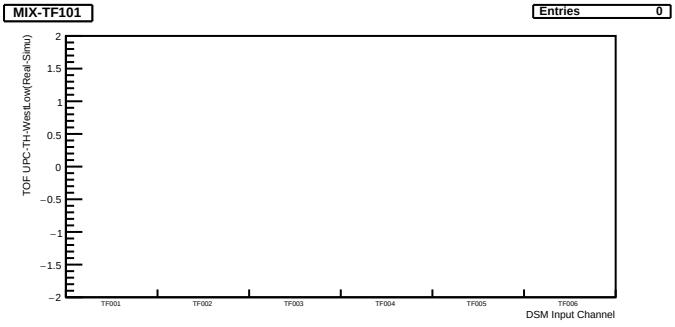

MIX-TF005
Entries 10731
TOF MULT
TOF tray

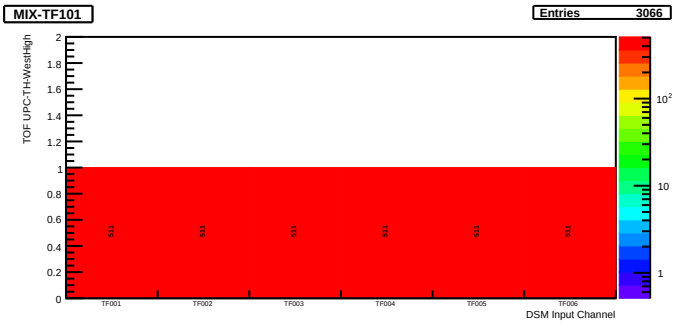

MIX-TF006
Entries 10731
TOF MULT
TOF tray

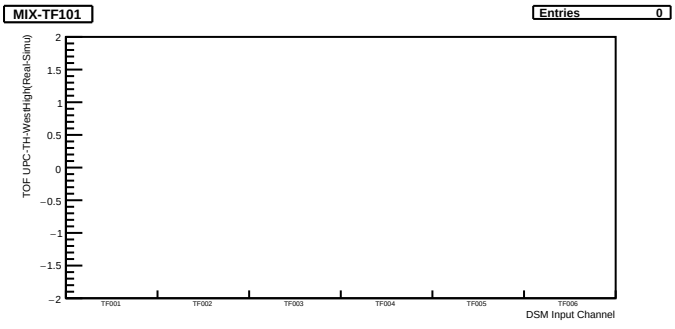

MIX-TF101
Entries 3066
TOF MULT
DSM Input Channel

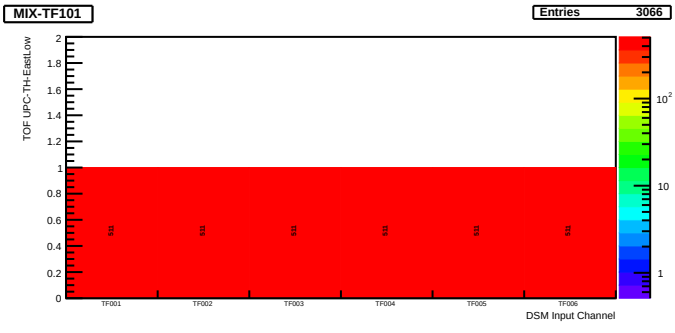

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

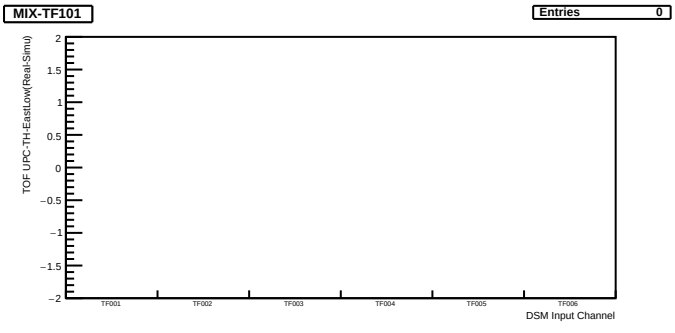

MIX-TF101
Entries 3066
TOF UPC-TH-WestLow
DSM Input Channel

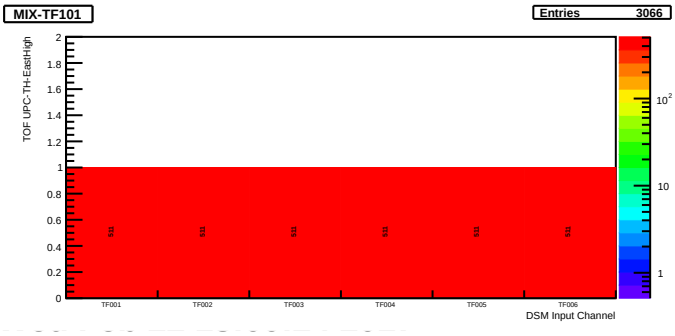

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

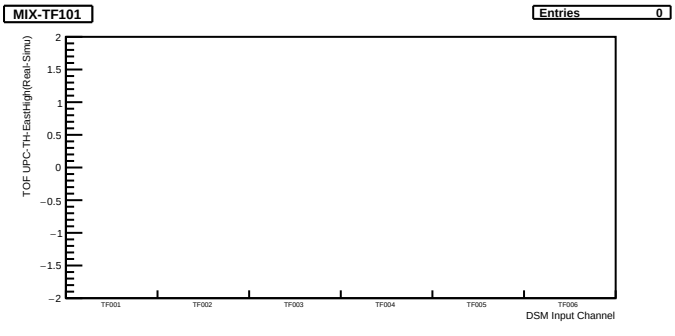

MIX-TF101
Entries 3066
TOF UPC-TH-WestHigh
DSM Input Channel

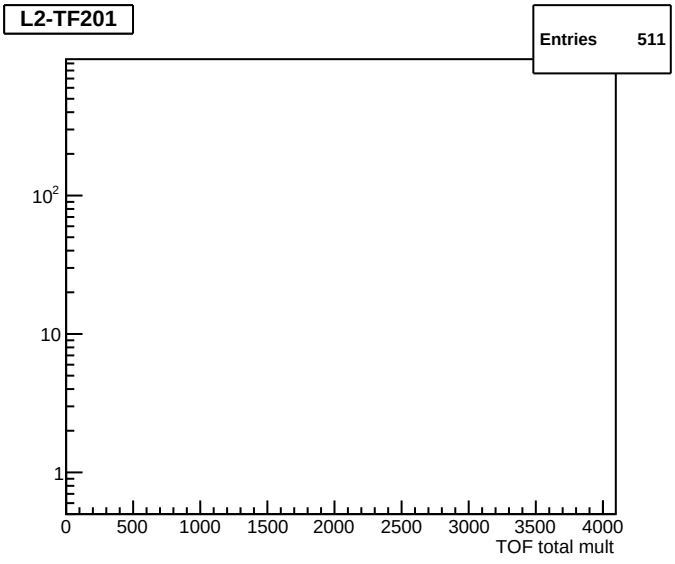

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

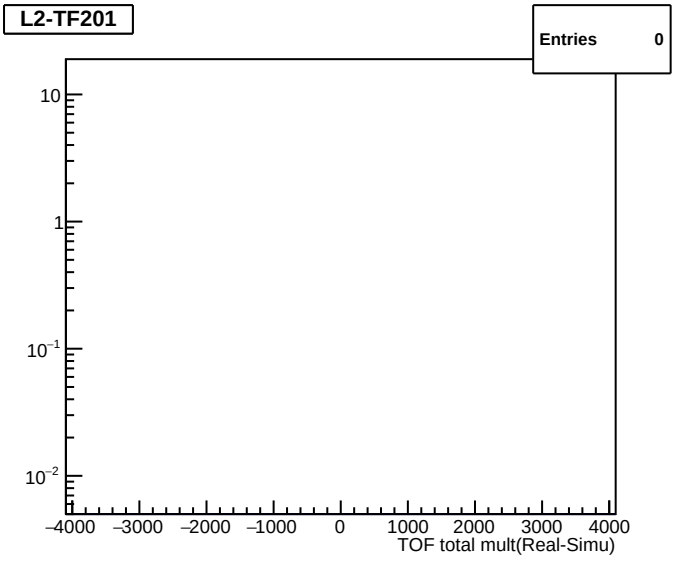

MIX-TF101
Entries 3066
TOF UPC-TH-EastLow
DSM Input Channel

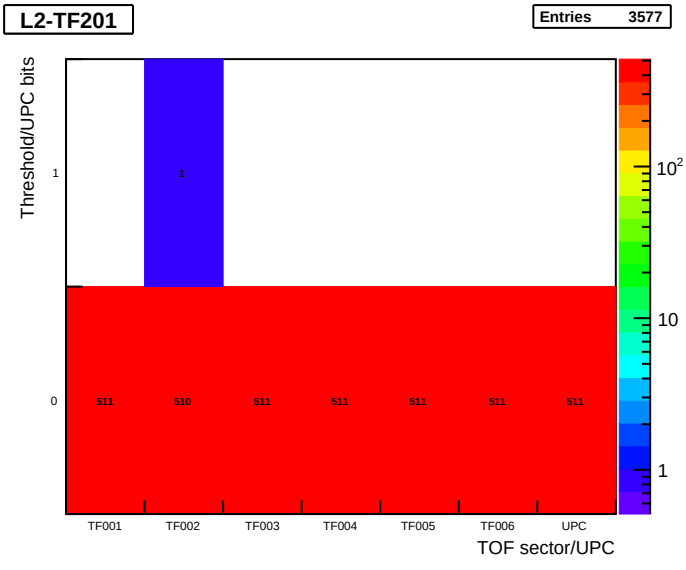

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

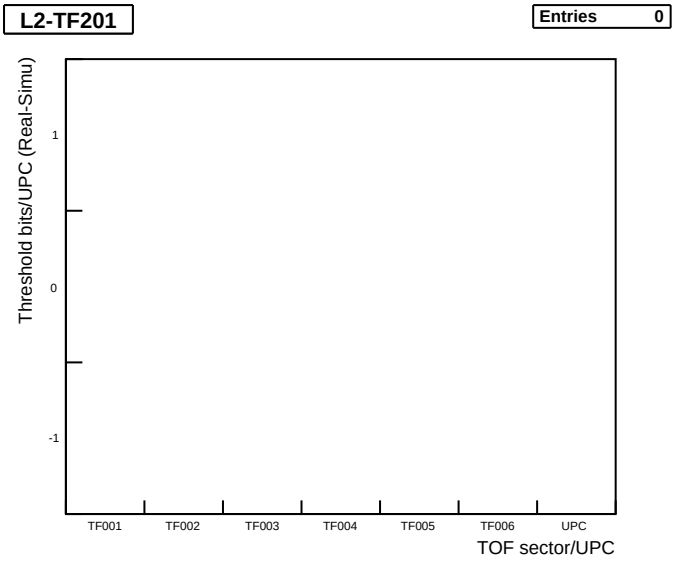

MIX-TF101
Entries 3066
TOF UPC-TH-EastHigh
DSM Input Channel

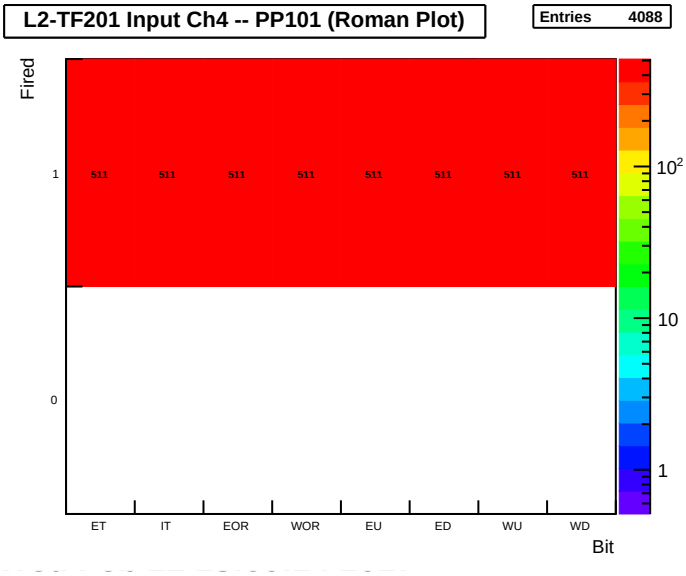

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

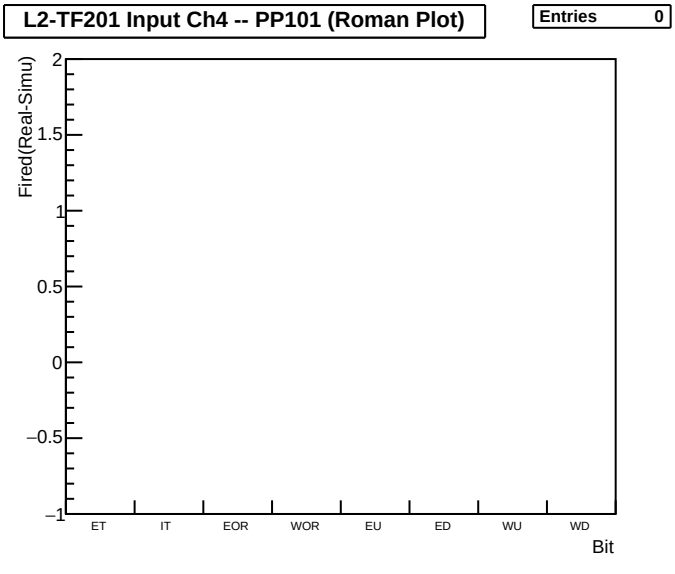

L2-TF201
Entries 511
TOF total mult

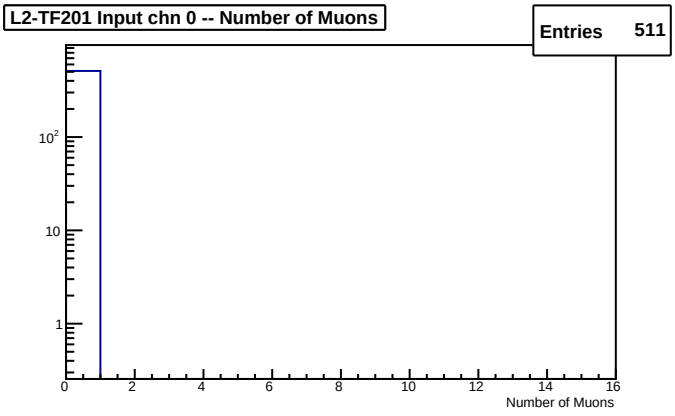

L2-TF201
Entries 0
TOF total mult(Real-Simu)

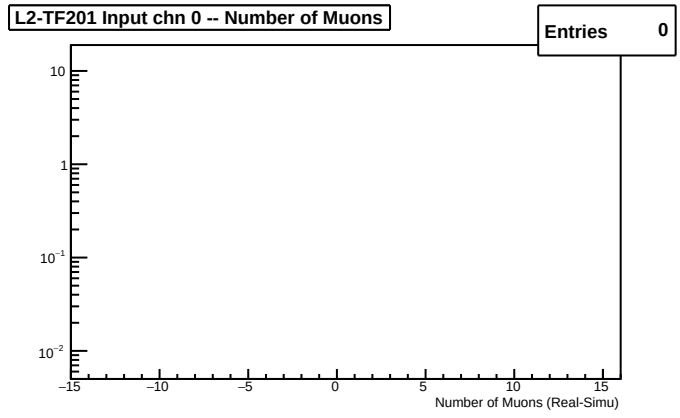

L2-TF201
Entries 3577
Threshold/UPC bits
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

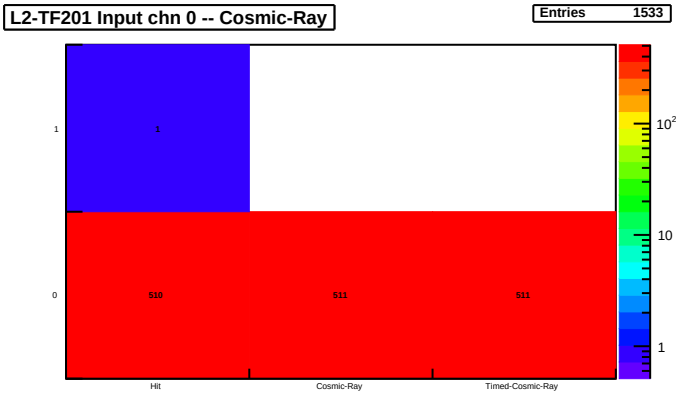

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

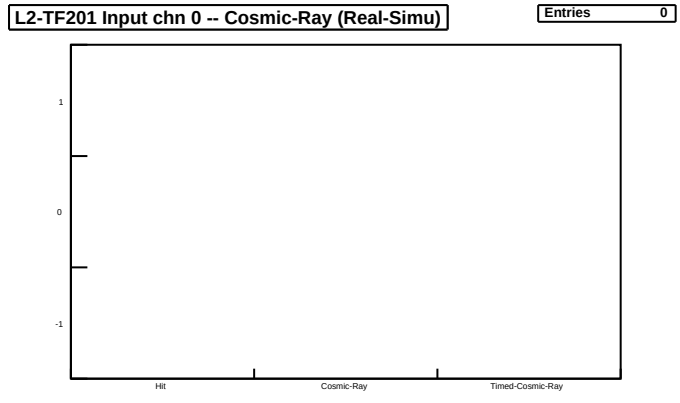

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4088
Fired
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

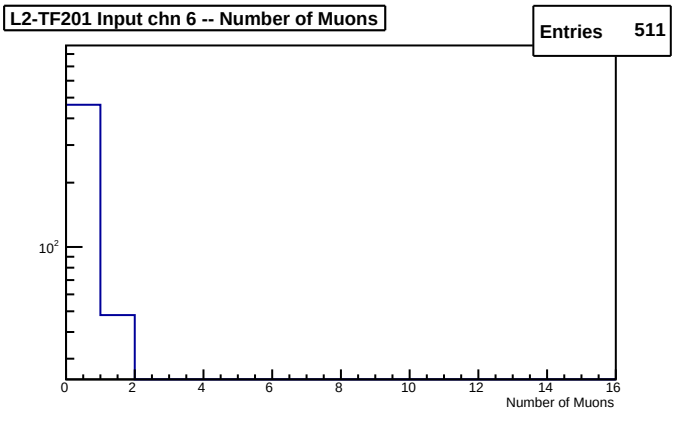

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

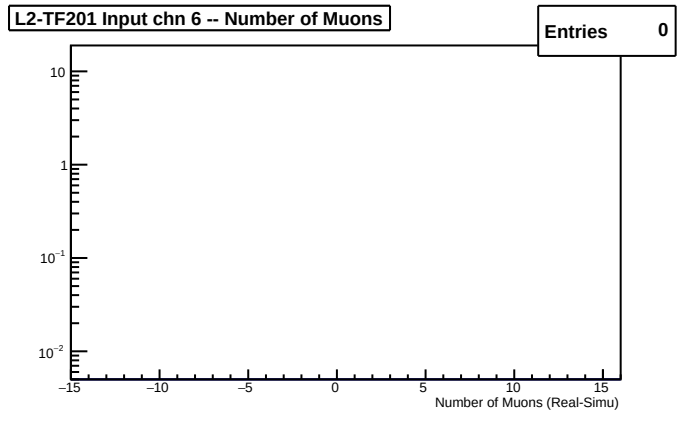

L2-TF201 Input chn 0 -- Number of Muons
Entries 511
Number of Muons

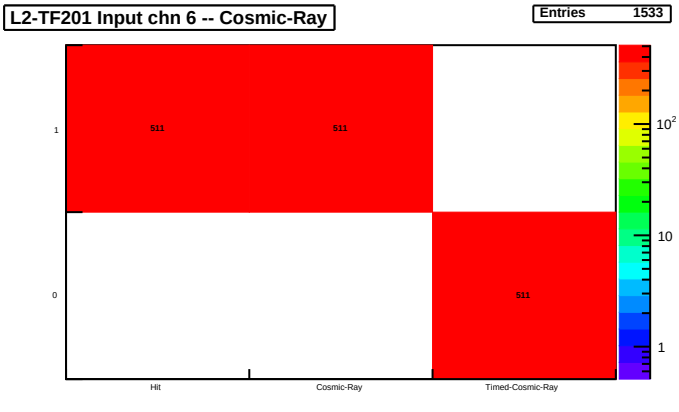

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

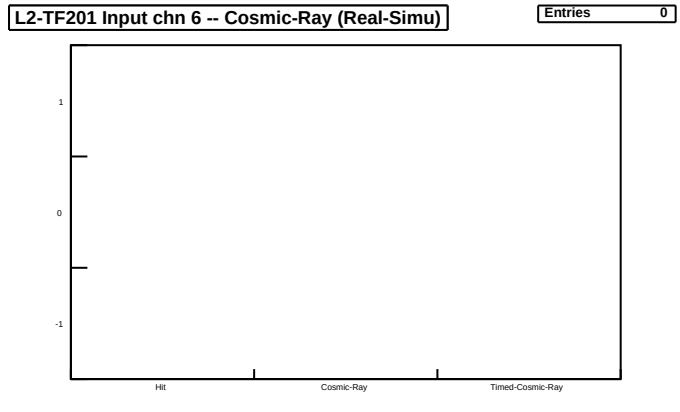

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1533
1
510
511
511
Hit
Cosmic-Ray
Timed-Cosmic-Ray

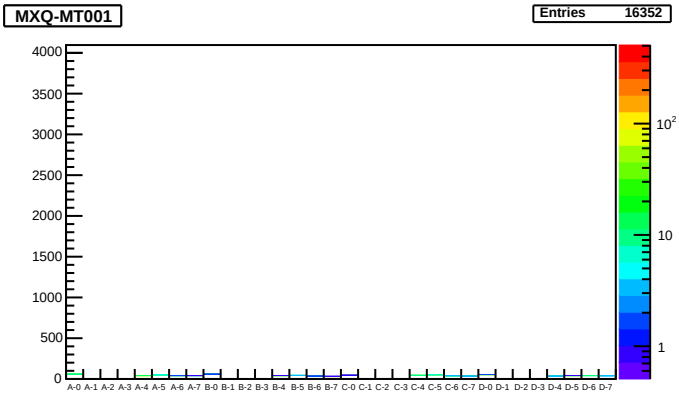

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

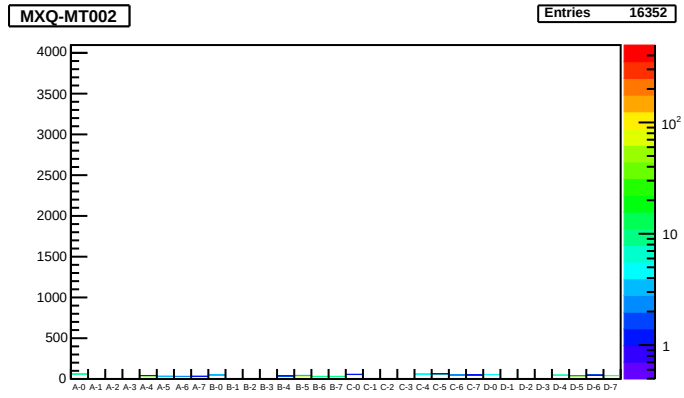

L2-TF201 Input chn 6 -- Number of Muons
Entries 511
Number of Muons

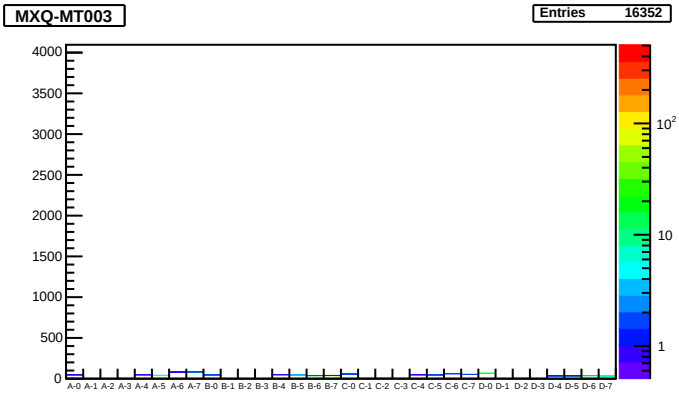

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

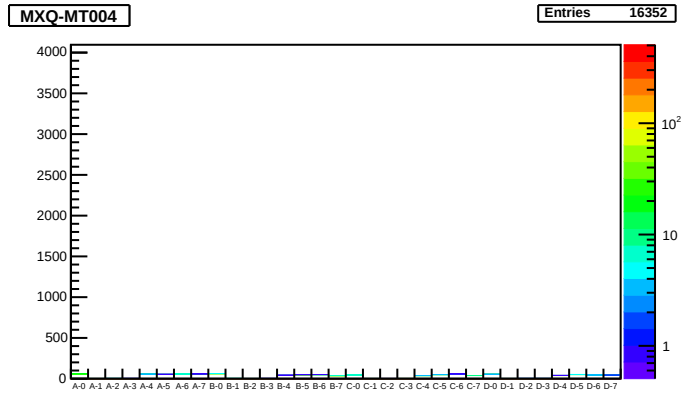

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1533
511
511
511
Hit
Cosmic-Ray
Timed-Cosmic-Ray

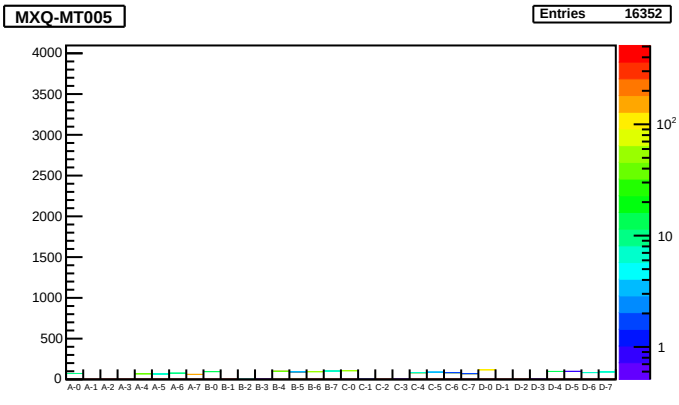

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

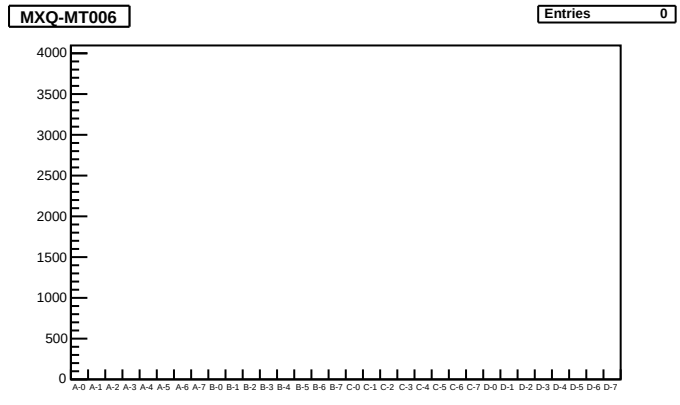

MXQ-MT001
Entries 16352

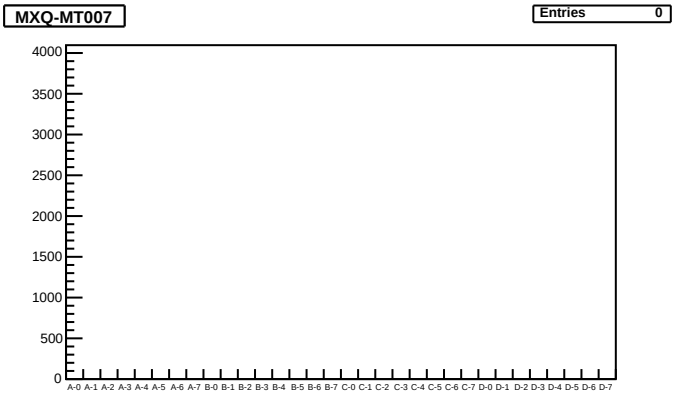

MXQ-MT002
Entries 16352

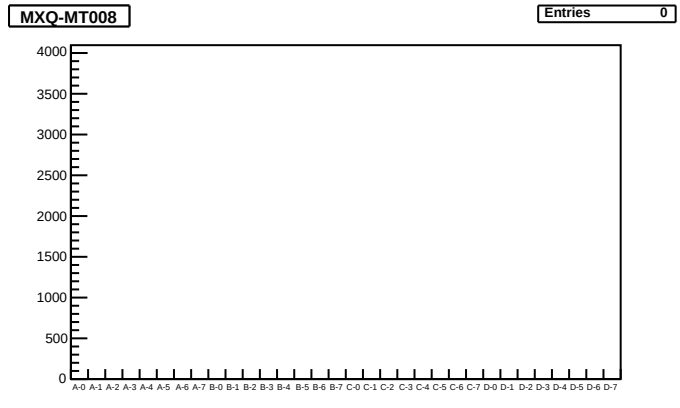

MXQ-MT003
Entries 16352

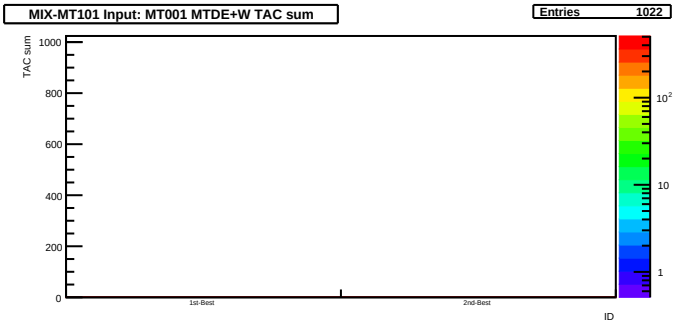

MXQ-MT004
Entries 16352

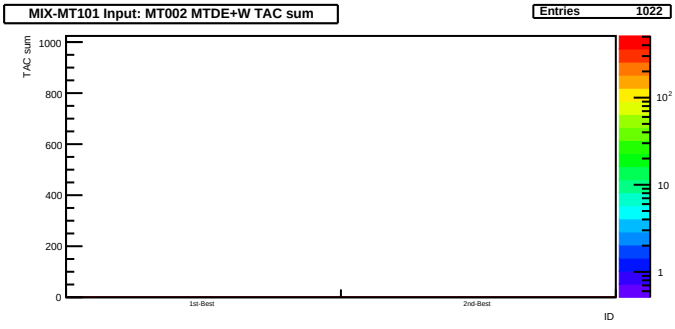

MXQ-MT005
Entries 16352

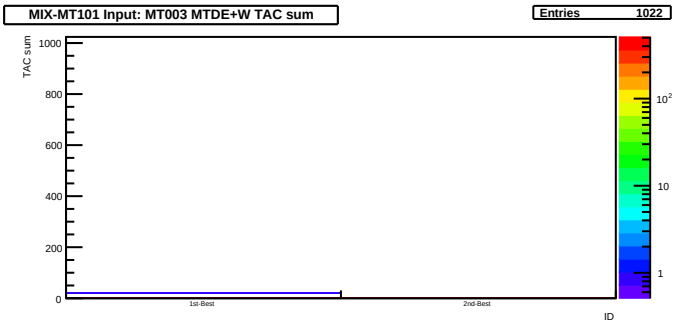

MXQ-MT006
Entries 0

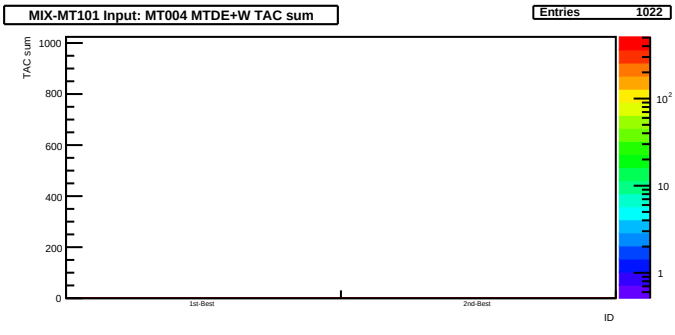

MXQ-MT007
Entries 0

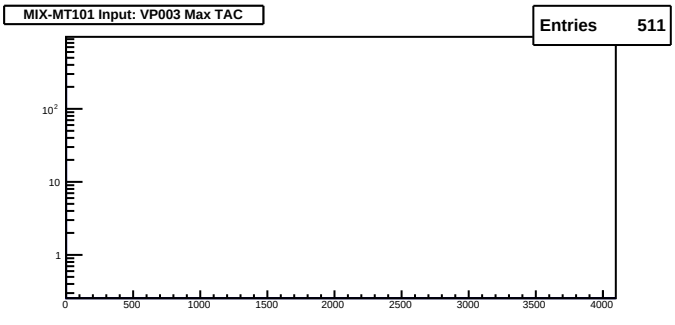

MXQ-MT008
Entries 0

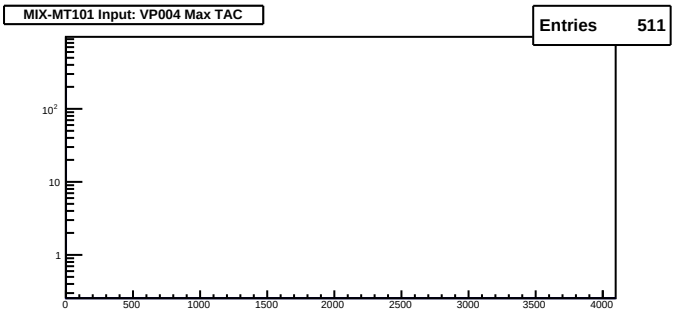

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

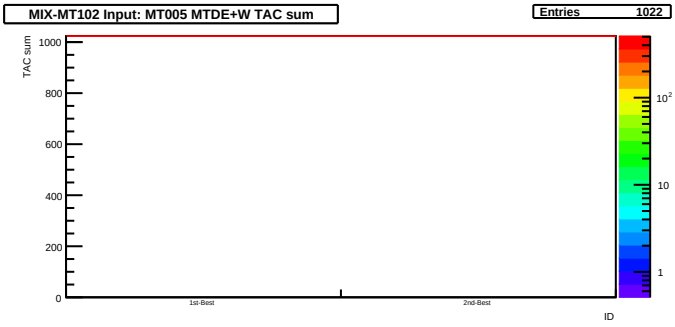

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

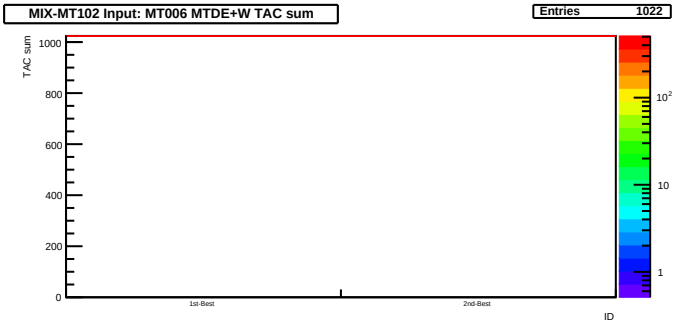

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

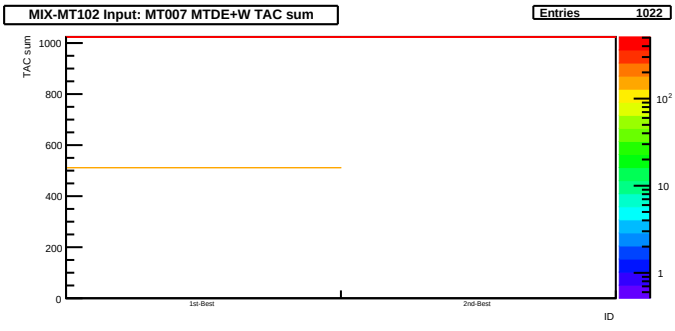

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

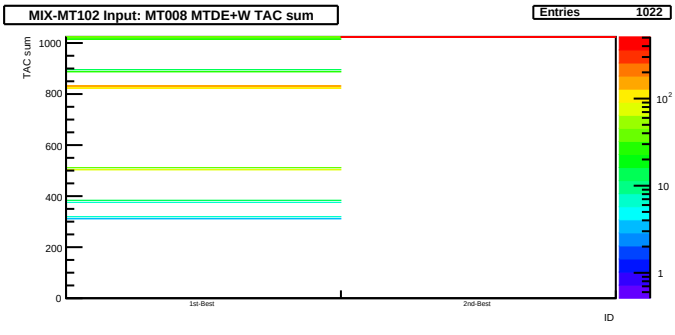

MIX-MT101 Input: VP003 Max TAC
Entries 511
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

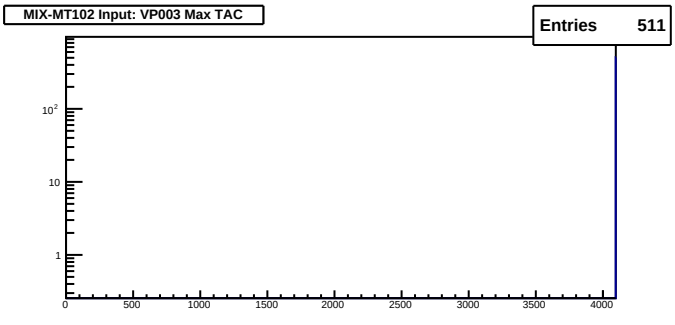

MIX-MT101 Input: VP004 Max TAC
Entries 511
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

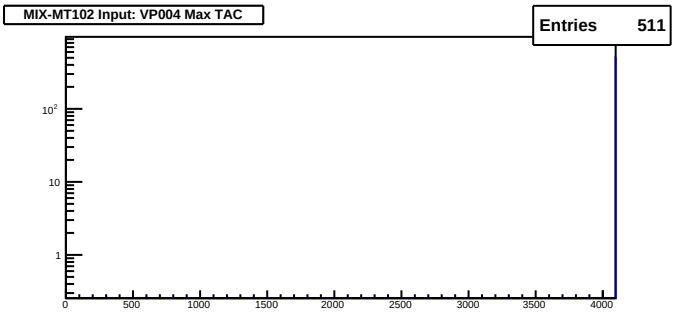

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

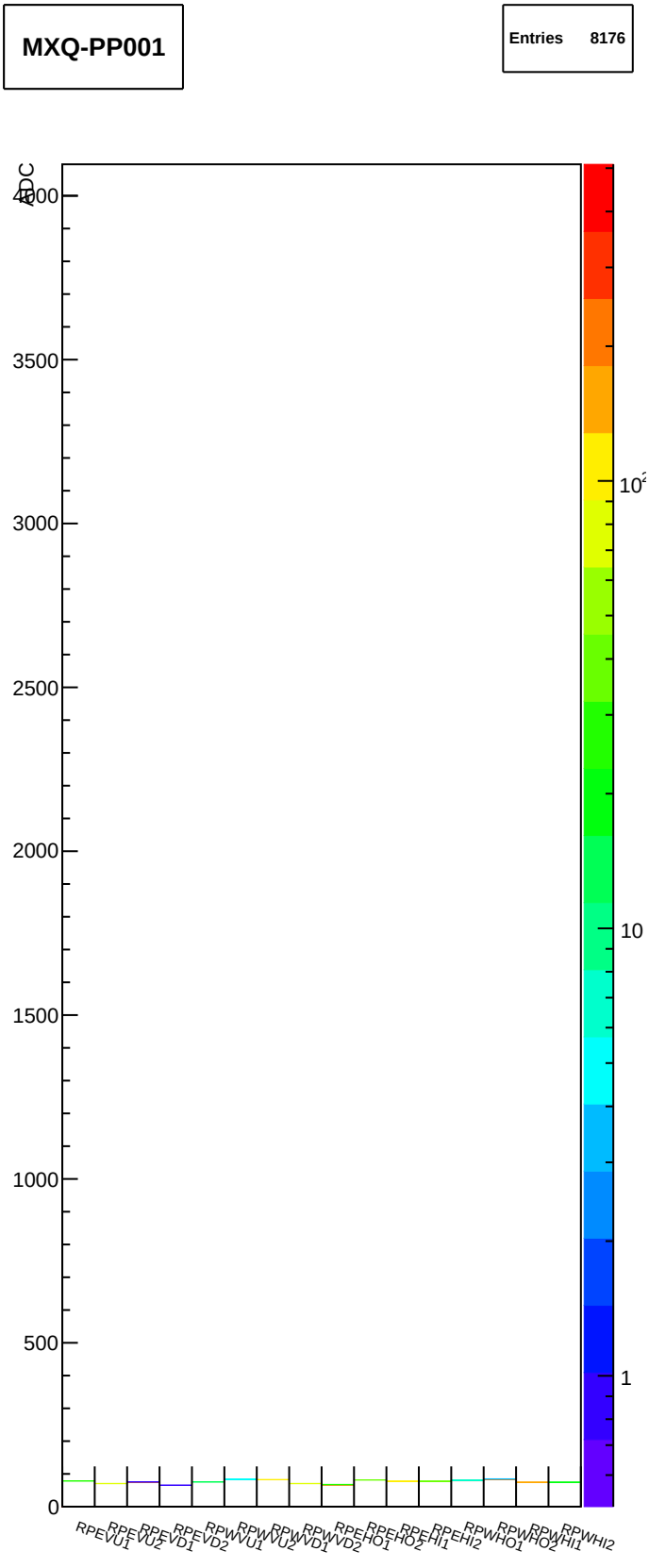

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

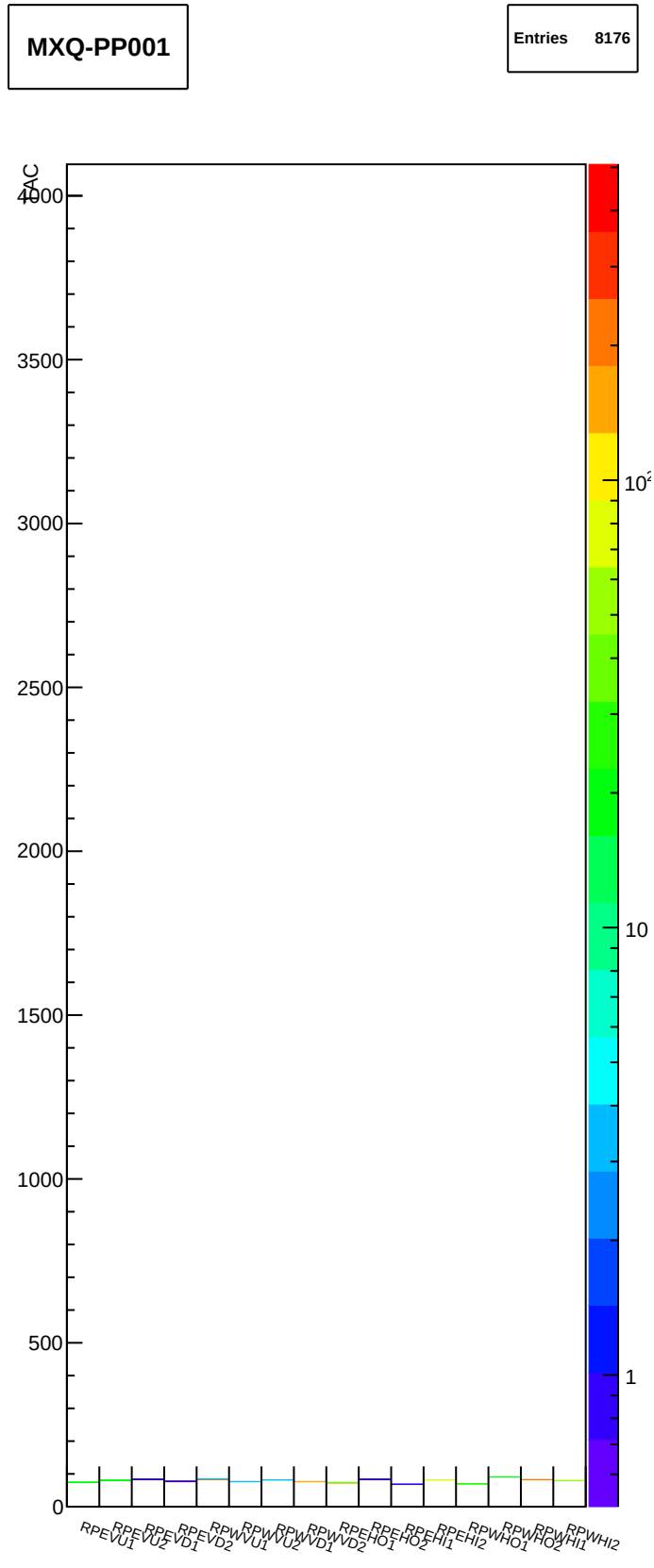

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

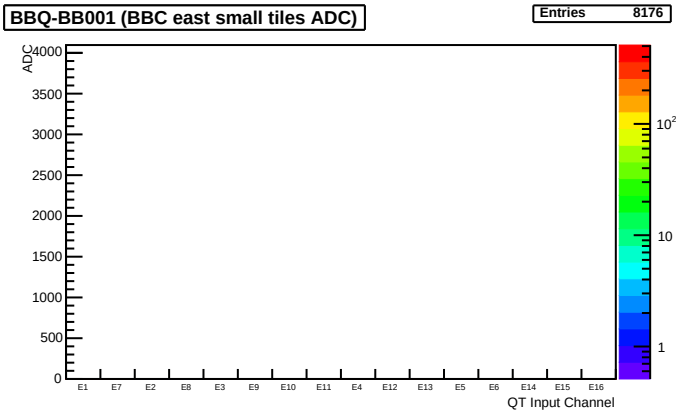

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1022
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

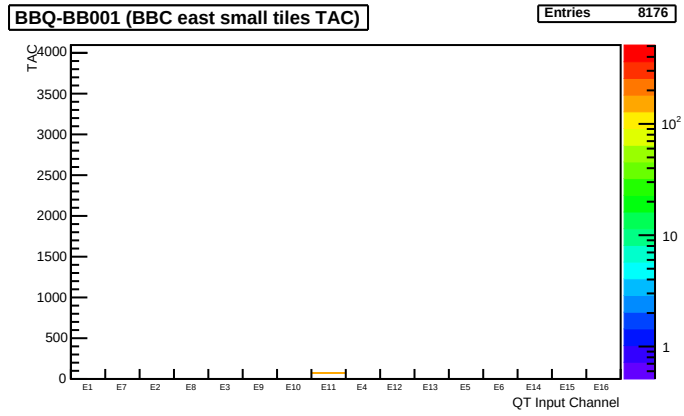

MIX-MT102 Input: VP003 Max TAC
Entries 511
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

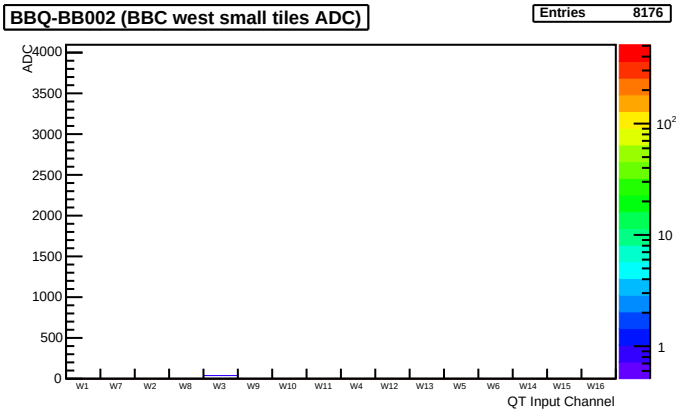

MIX-MT102 Input: VP004 Max TAC
Entries 511
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

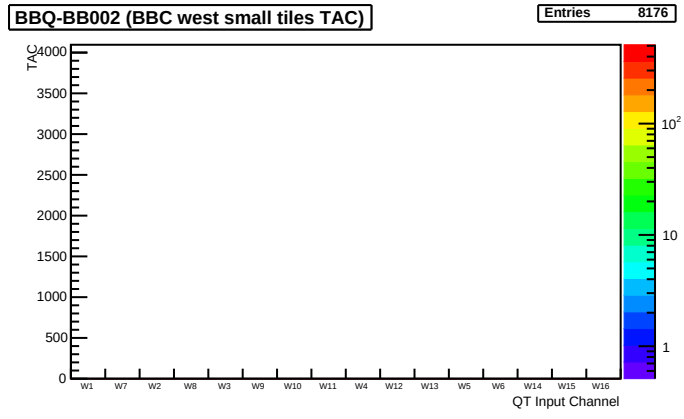

MXQ-PP001
Entries 8176
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

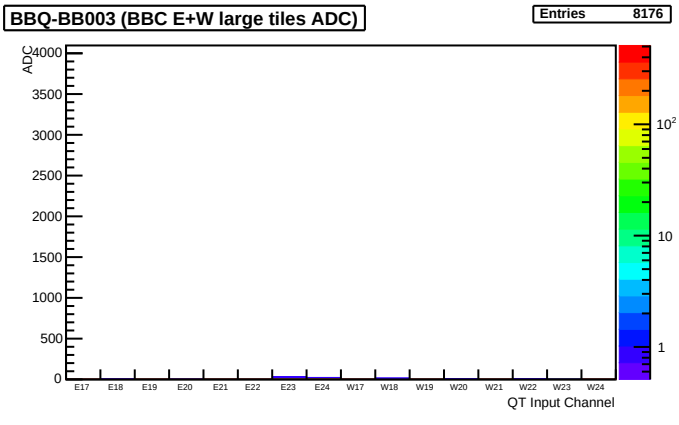

MXQ-PP001
Entries 8176
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

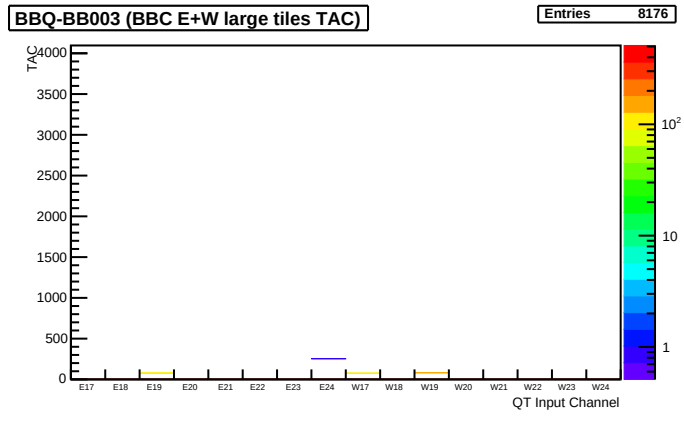

BBQ-BB001 (BBC east small tiles ADC)
Entries 8176
ADC
QT Input Channel

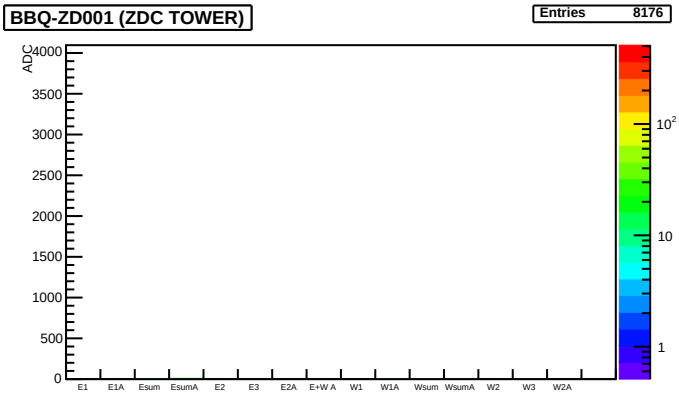

BBQ-BB001 (BBC east small tiles TAC)
Entries 8176
TAC
QT Input Channel

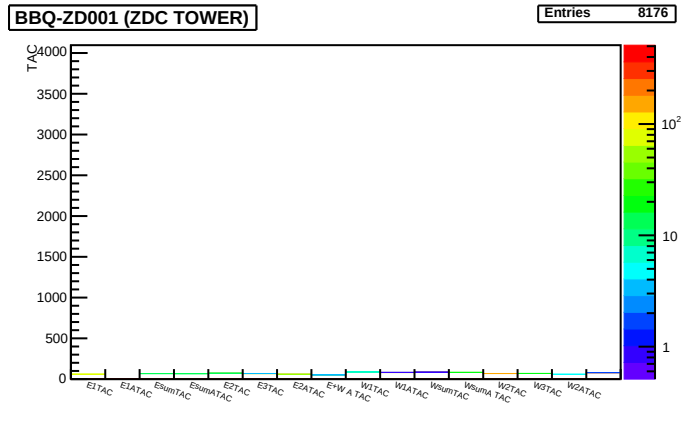

BBQ-BB002 (BBC west small tiles ADC)
Entries 8176
ADC
QT Input Channel

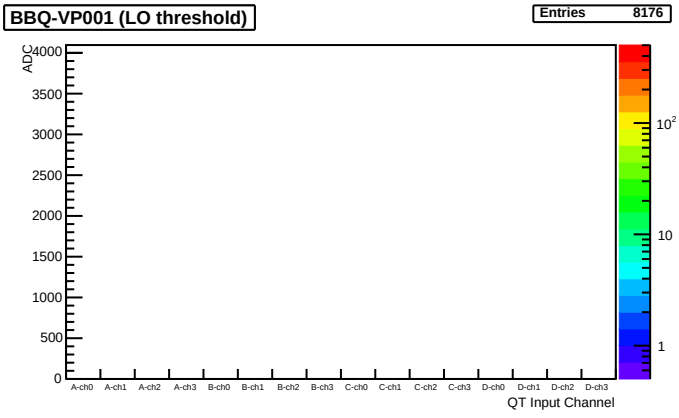

BBQ-BB002 (BBC west small tiles TAC)
Entries 8176
TAC
QT Input Channel

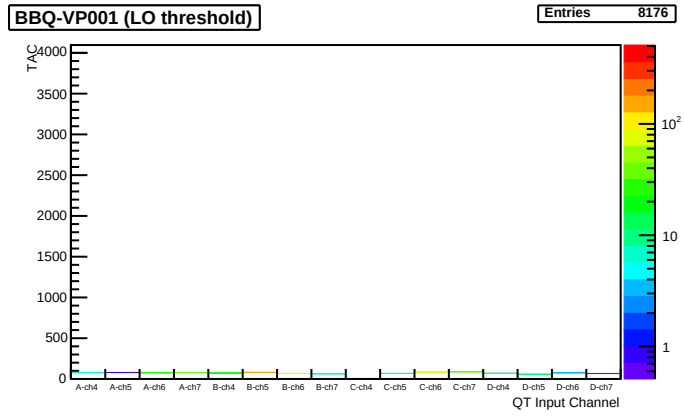

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8176
ADC
QT Input Channel

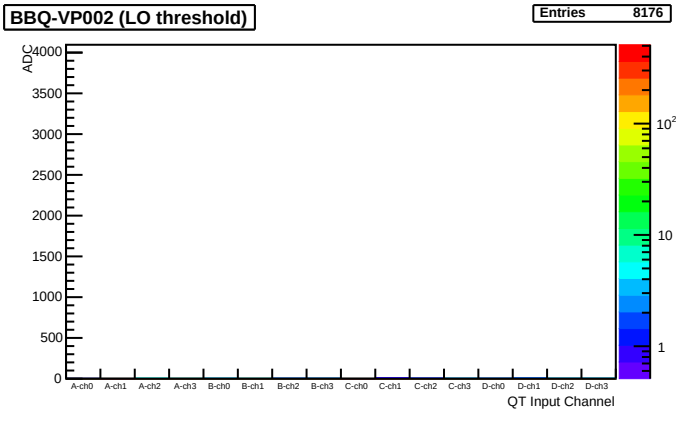

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8176
TAC
QT Input Channel

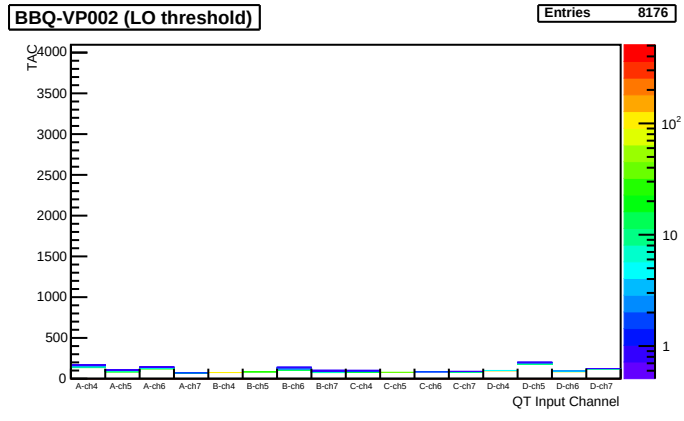

BBQ-ZD001 (ZDC TOWER)
Entries 8176
ADC

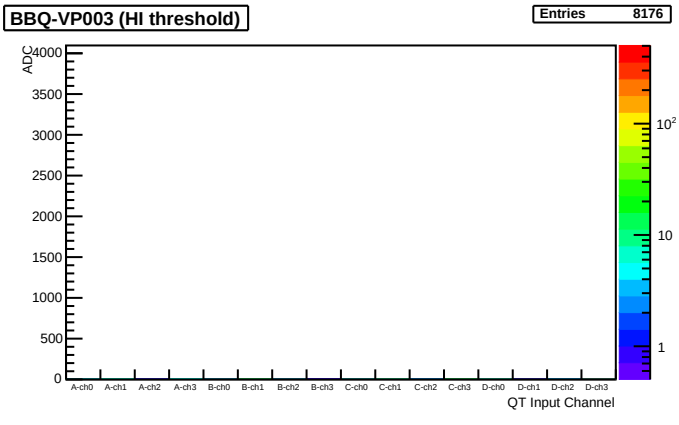

BBQ-ZD001 (ZDC TOWER)
Entries 8176
TAC

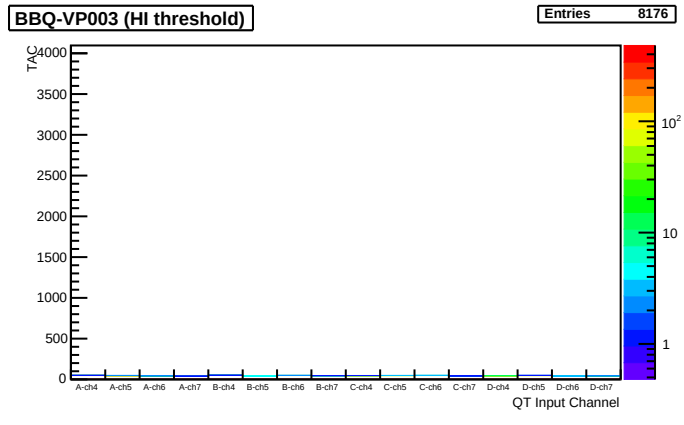

BBQ-VP001 (LO threshold)
Entries 8176
ADC
QT Input Channel

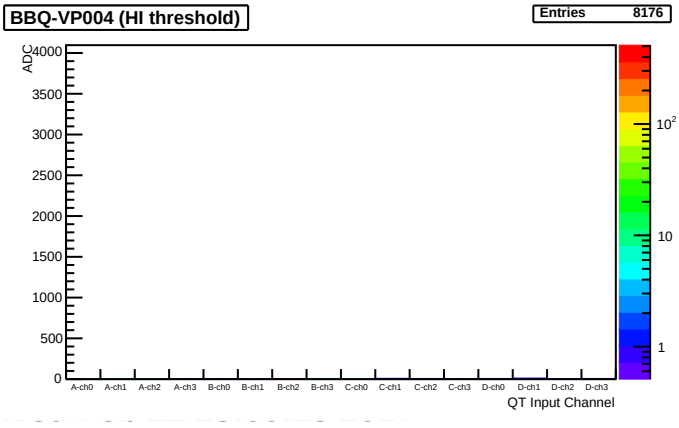

BBQ-VP001 (LO threshold)
Entries 8176
TAC
QT Input Channel

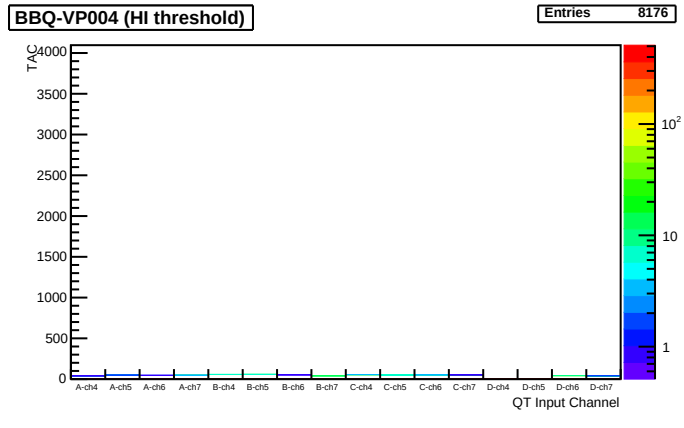

BBQ-VP002 (LO threshold)
Entries 8176
ADC
QT Input Channel

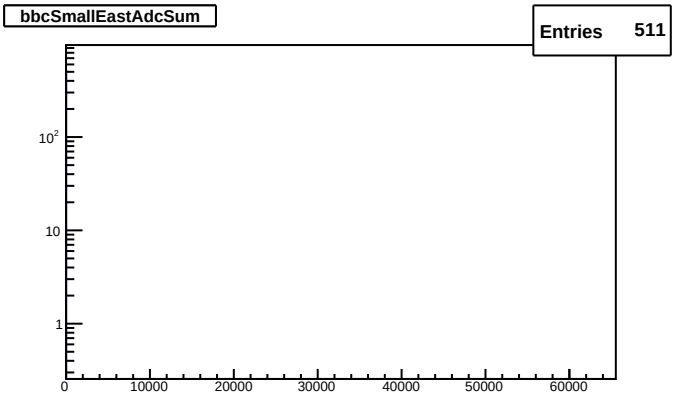

BBQ-VP002 (LO threshold)
Entries 8176
TAC
QT Input Channel

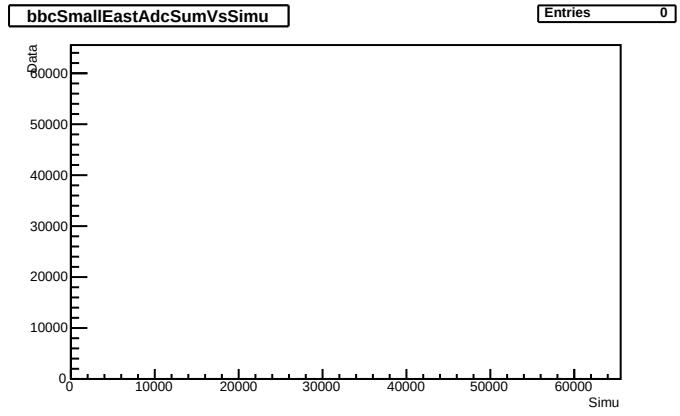

BBQ-VP003 (HI threshold)
Entries 8176
ADC
QT Input Channel

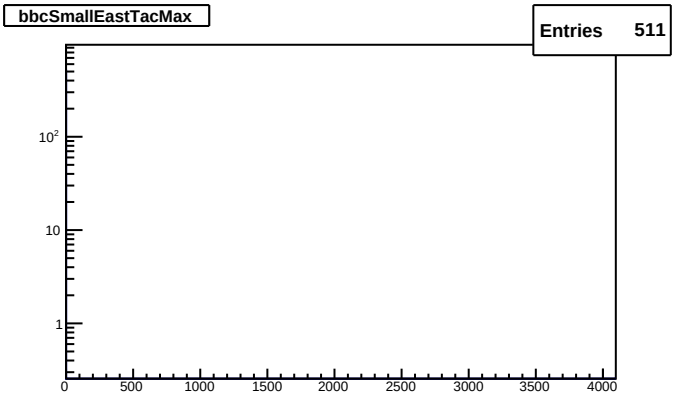

BBQ-VP003 (HI threshold)
Entries 8176
TAC
QT Input Channel

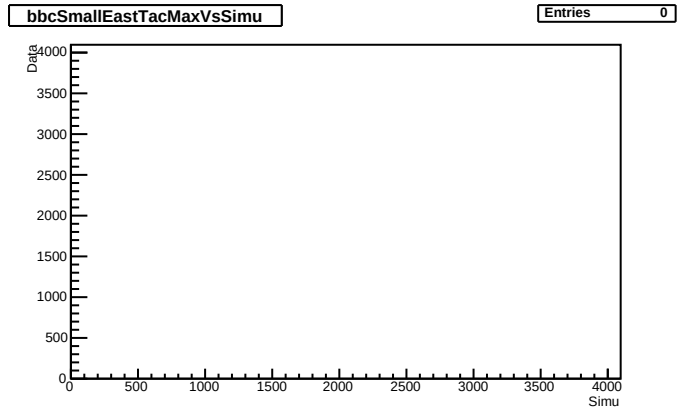

BBQ-VP004 (HI threshold)
Entries 8176
ADC
QT Input Channel

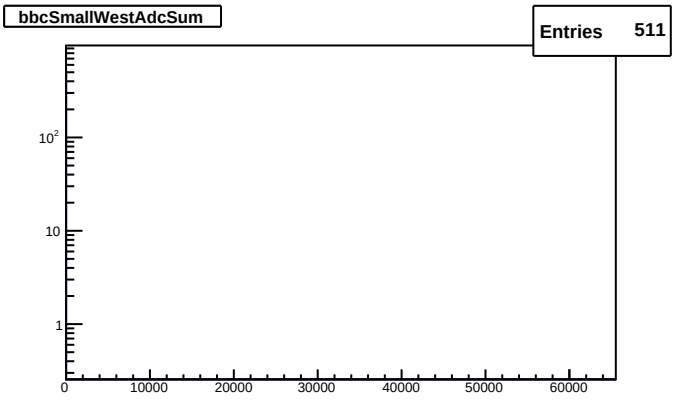

BBQ-VP004 (HI threshold)
Entries 8176
TAC
QT Input Channel

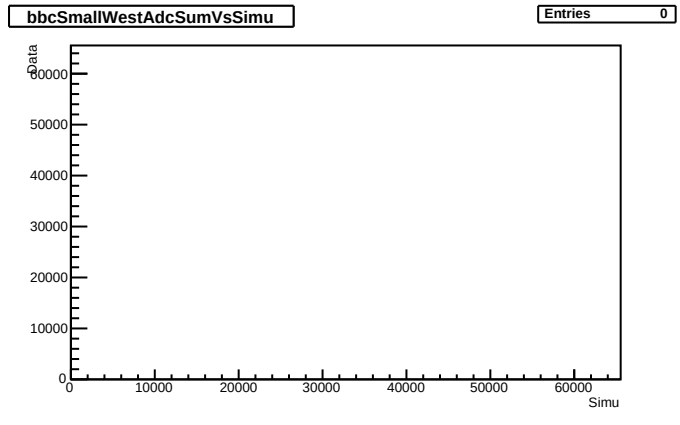

bbcSmallEastAdcSum
Entries 511
10^2
10
1
0
10000
20000
30000
40000
50000
60000

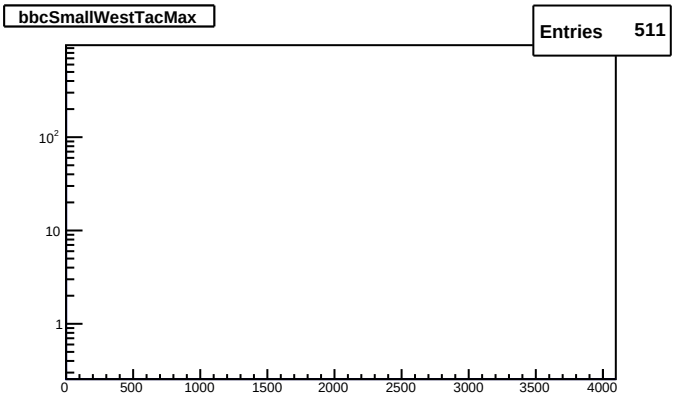

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

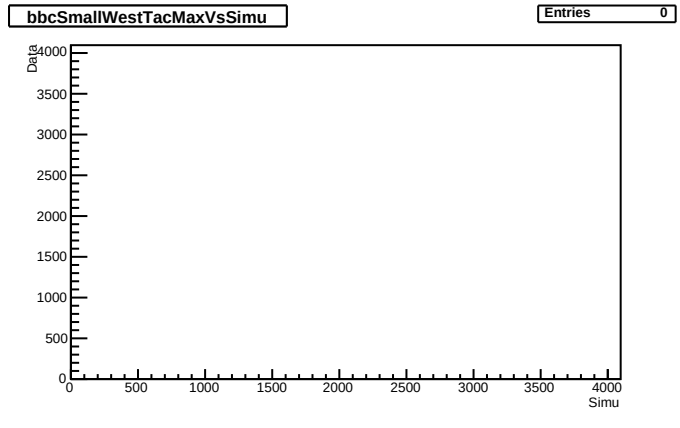

bbcSmallEastTacMax
Entries 511
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

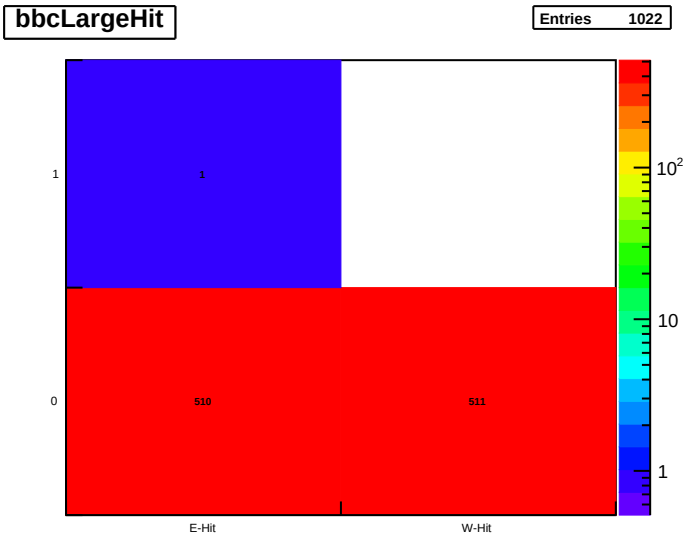

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

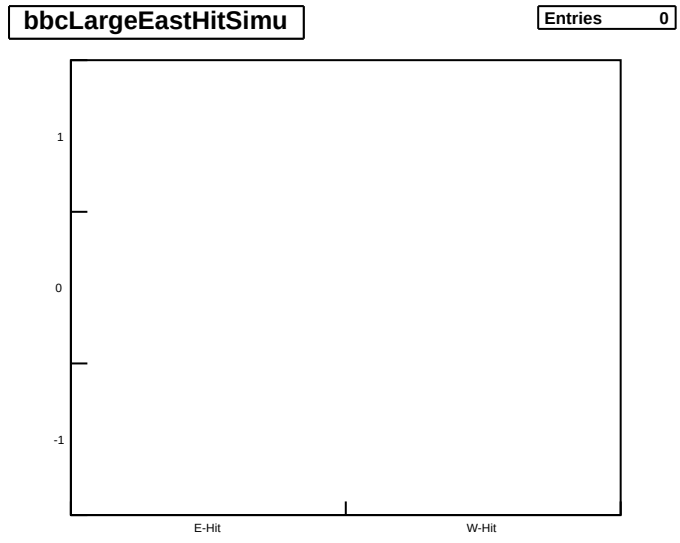

bbcSmallWestAdcSum
Entries 511
10^2
10
1
0
10000
20000
30000
40000
50000
60000

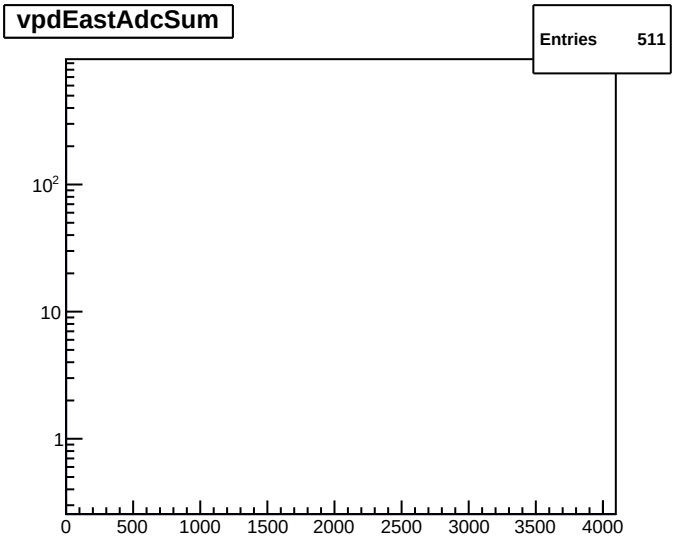

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

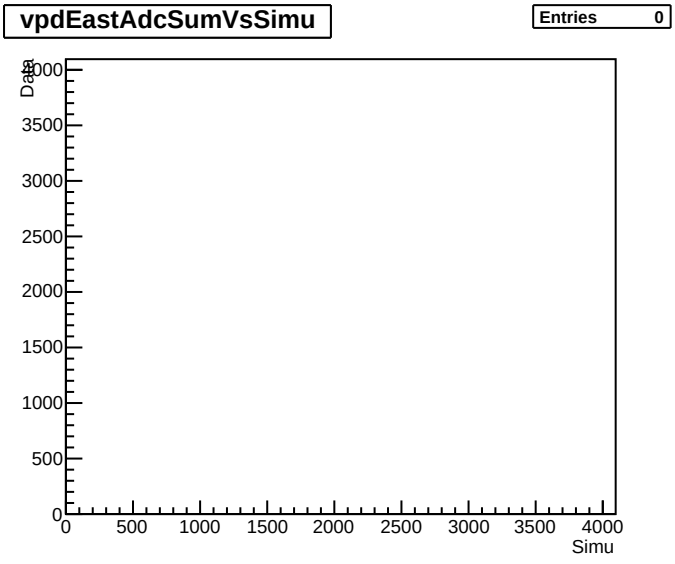

bbcSmallWestTacMax
Entries 511
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

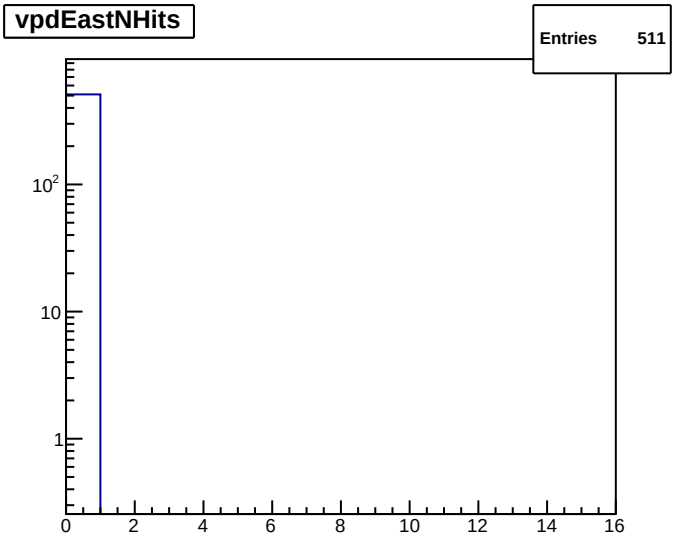

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

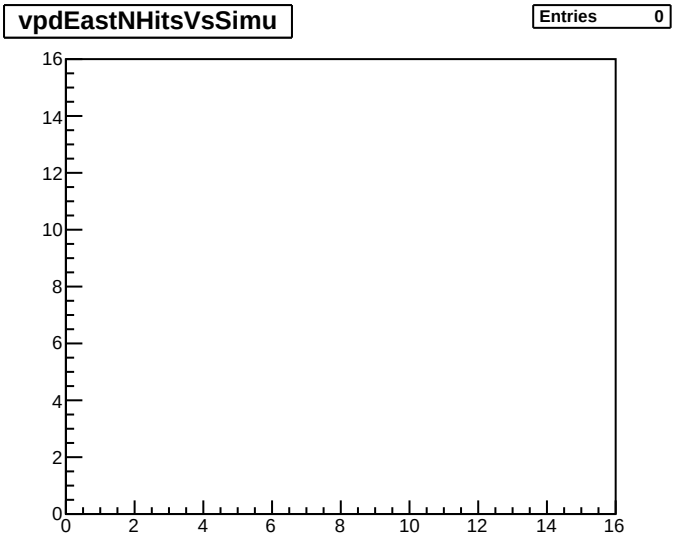

bbcLargeHit
Entries 1022
1
0
1
510
511
E-Hit
W-Hit
10^2
10
1

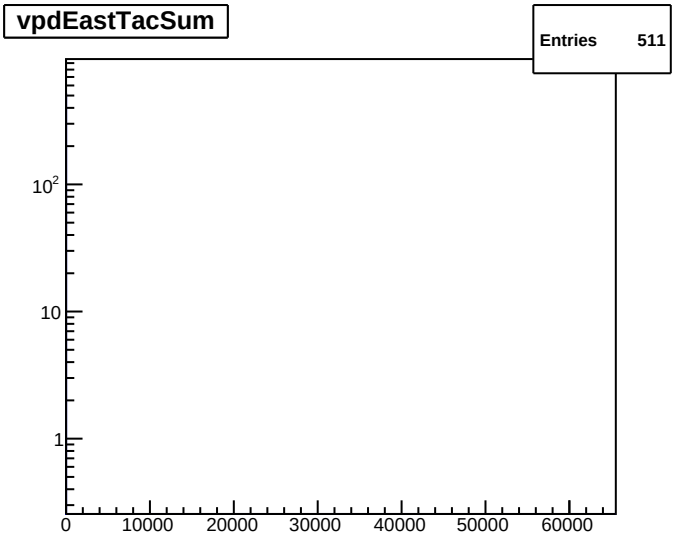

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

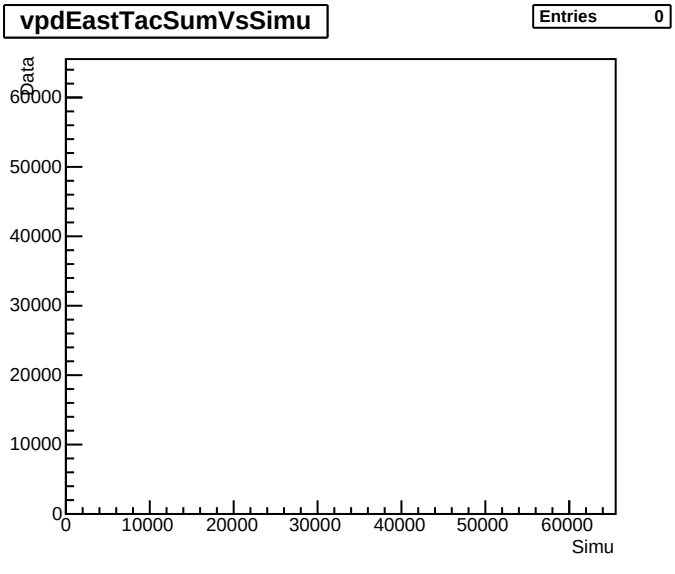

vpdEastAdcSum
Entries 511
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

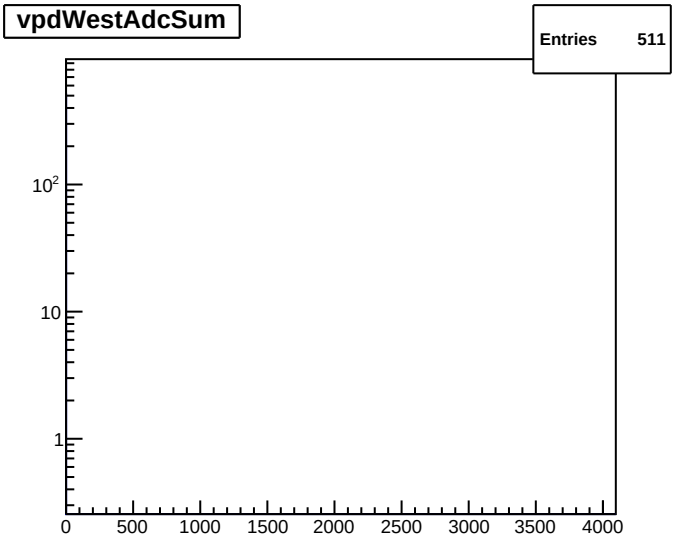

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

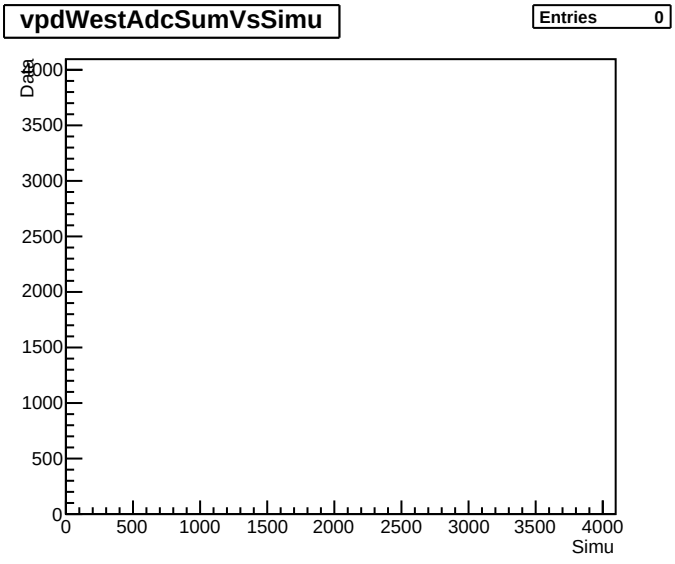

vpdEastNHits
Entries 511
10^2
10
1
0 2 4 6 8 10 12 14 16

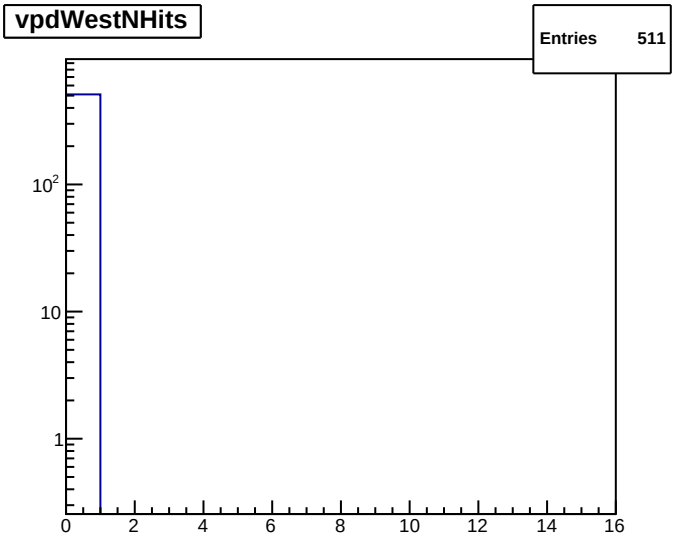

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

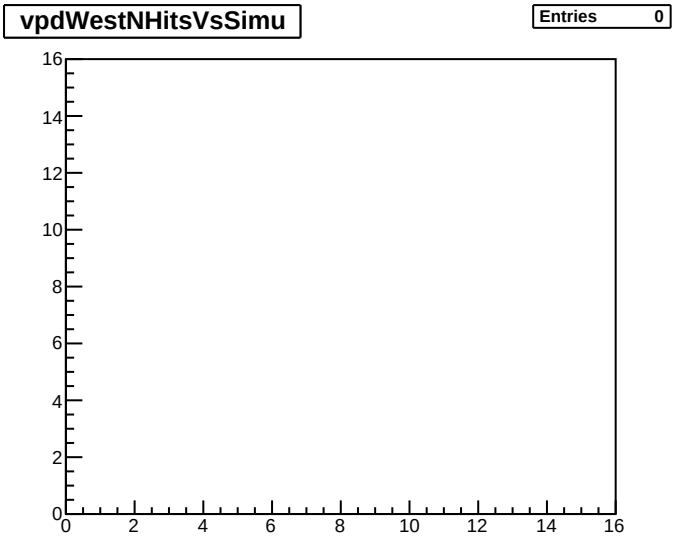

vpdEastTacSum
Entries 511
10^2
10
1
0 10000 20000 30000 40000 50000 60000

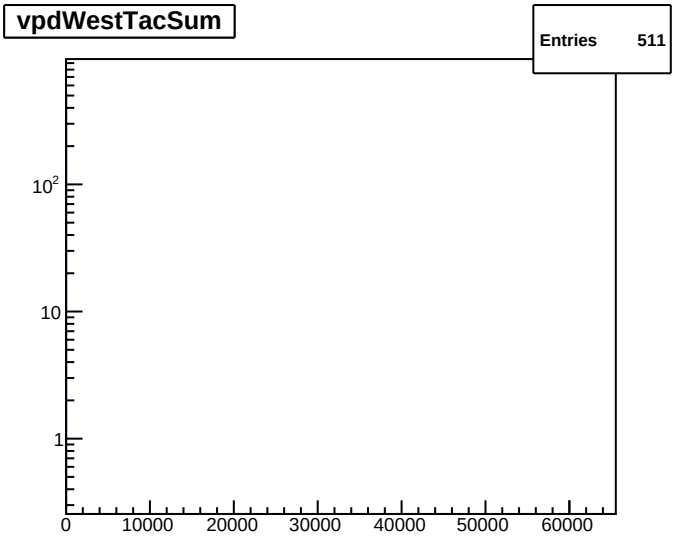

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

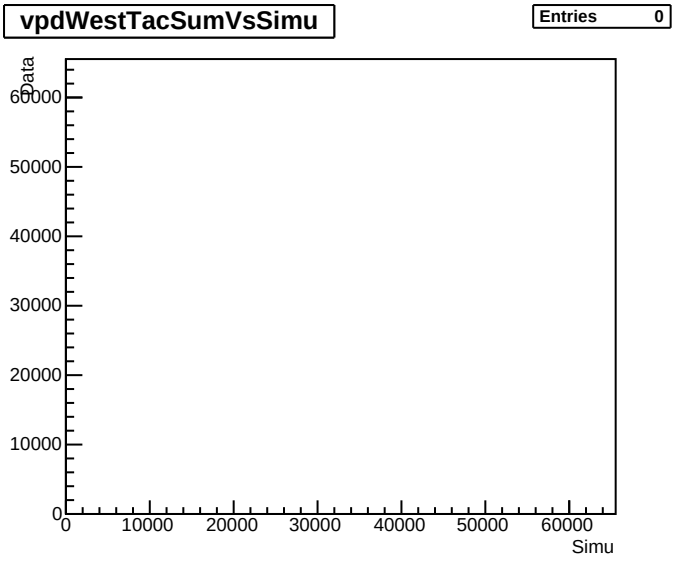

vpdWestAdcSum
Entries 511
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

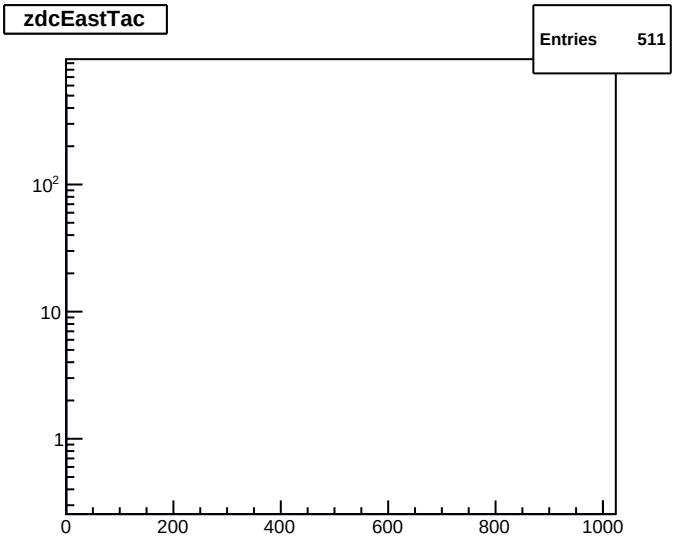

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

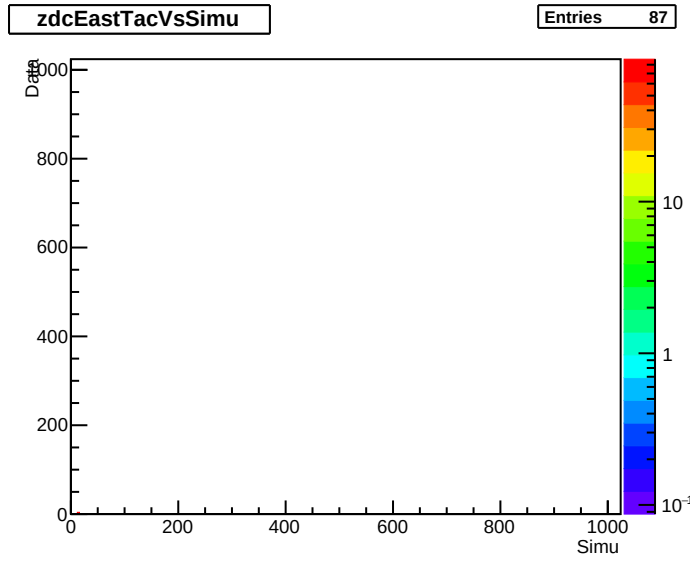

vpdWestNHits
Entries 511
10^2
10
1
0 2 4 6 8 10 12 14 16

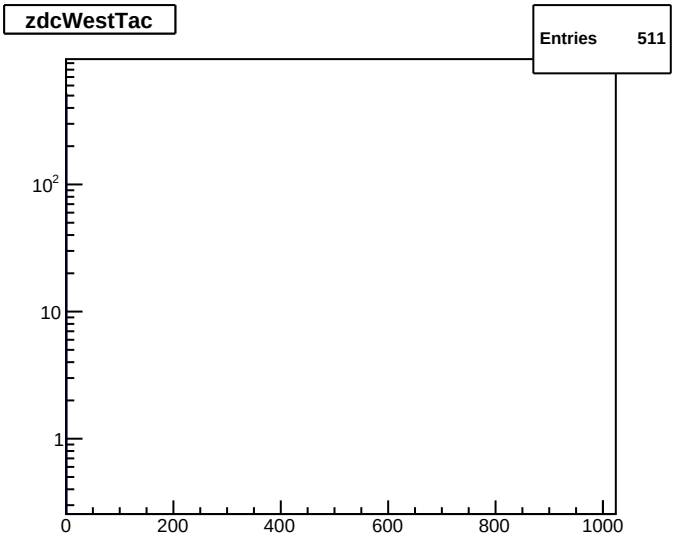

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

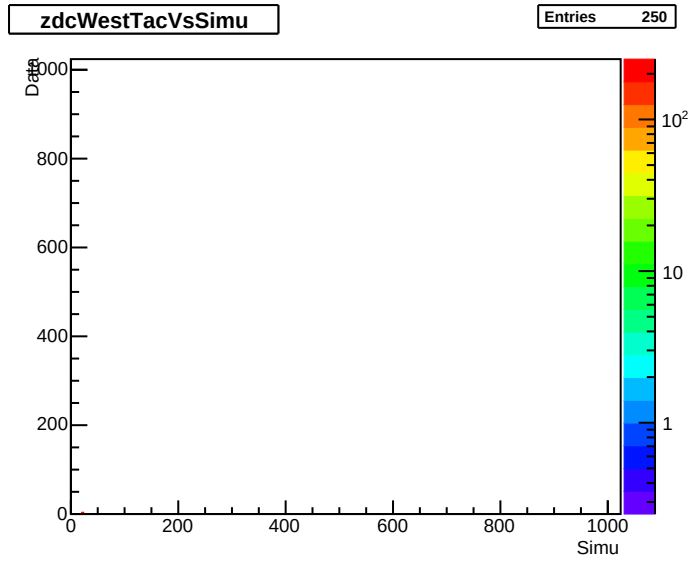

vpdWestTacSum
Entries 511
10^2
10
1
0 10000 20000 30000 40000 50000 60000

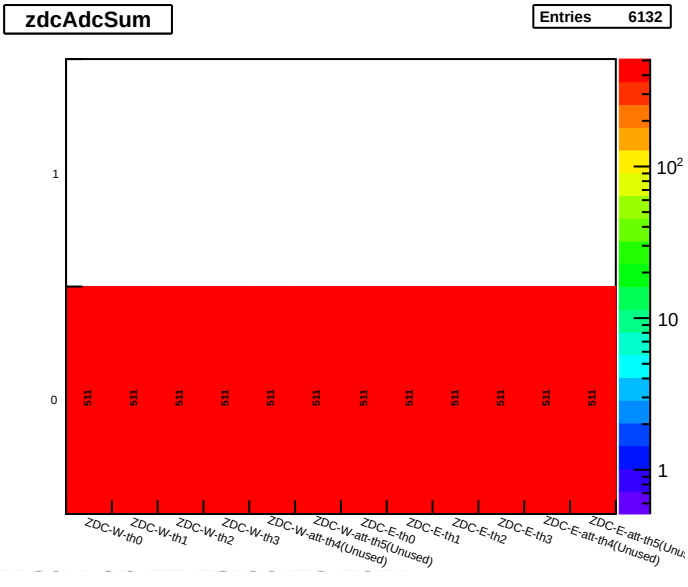

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

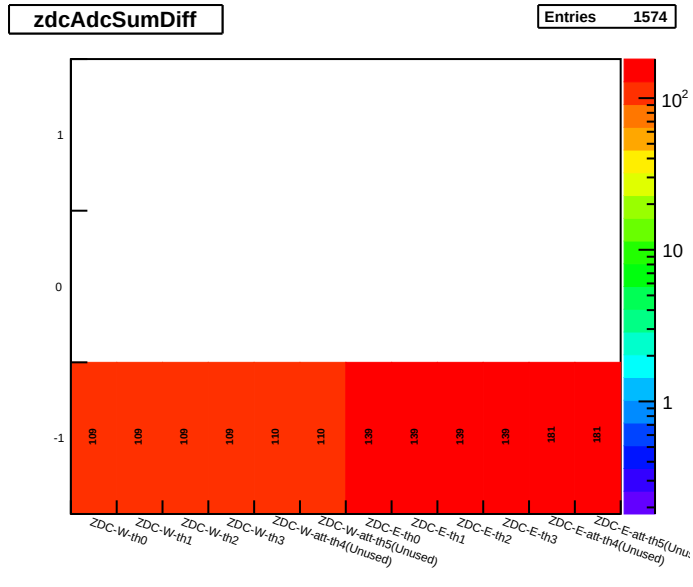

zdcEastTac
Entries 511
10^2
10
1
0
200
400
600
800
1000

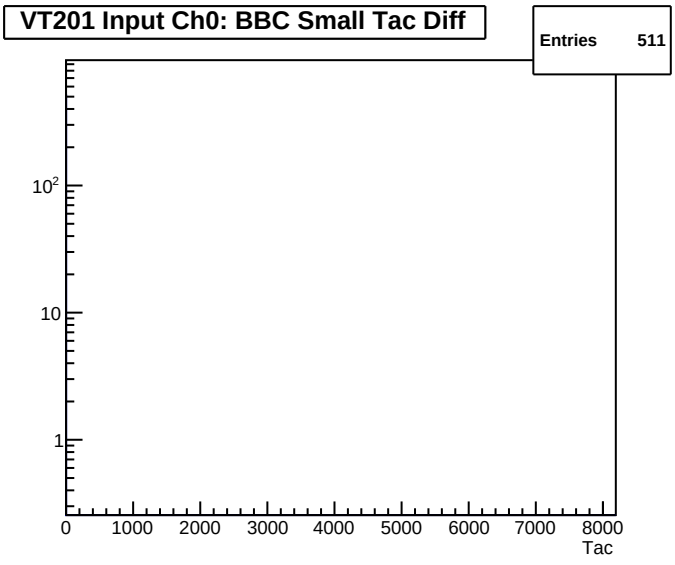

zdcEastTacVsSimu
Entries 87
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
10
1
10^{-1}

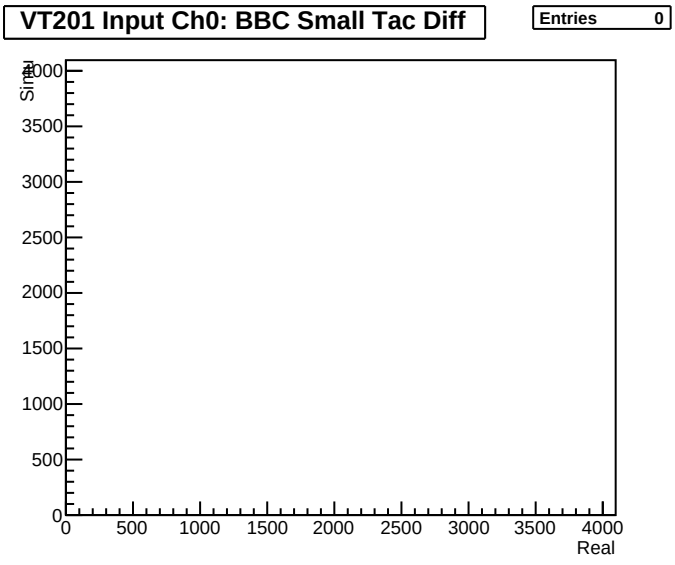

zdcWestTac
Entries 511
10^2
10
1
0
200
400
600
800
1000

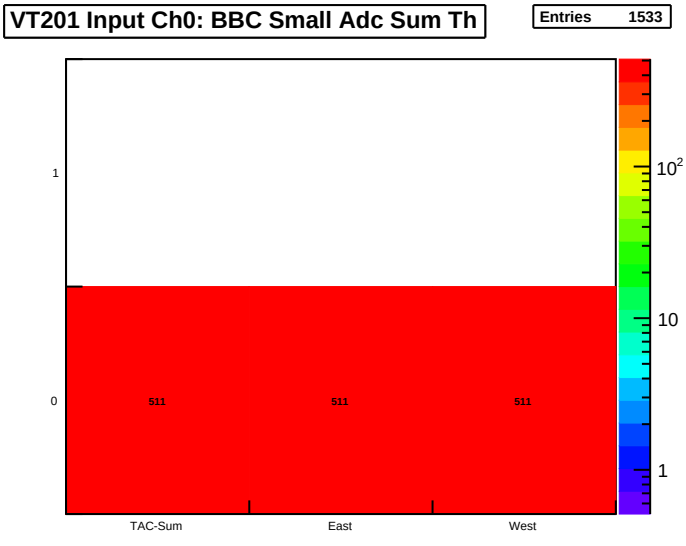

zdcWestTacVsSimu
Entries 250
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
10^2
10
1

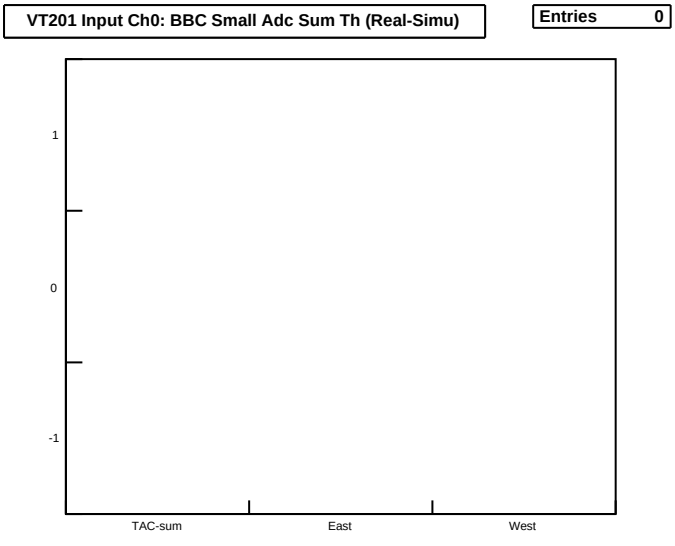

zdcAdcSum
Entries 6132
1
0
511
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

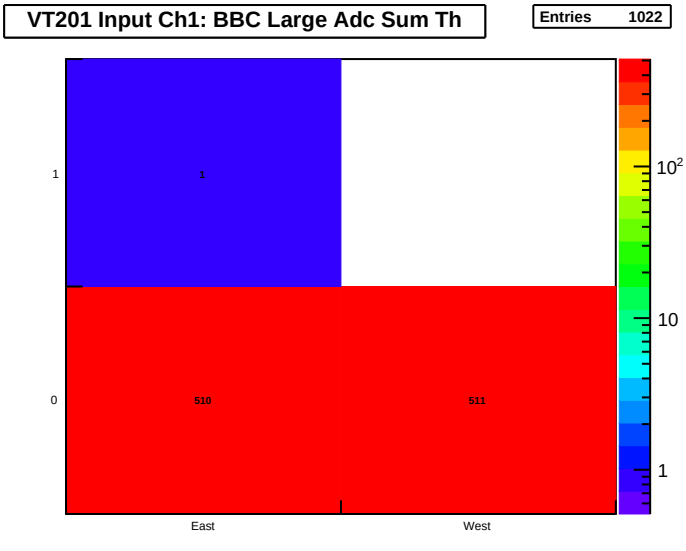

zdcAdcSumDiff
Entries 1574
1
0
-1
109
110
139
181
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

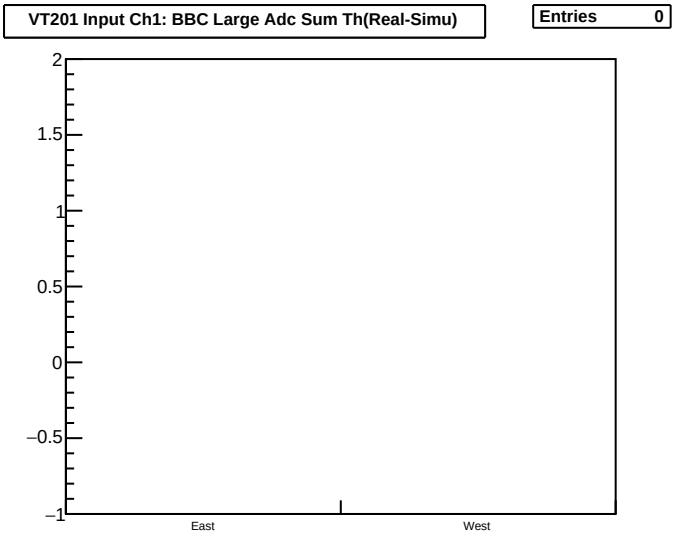

VT201 Input Ch0: BBC Small Tac Diff
Entries 511
Tac


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

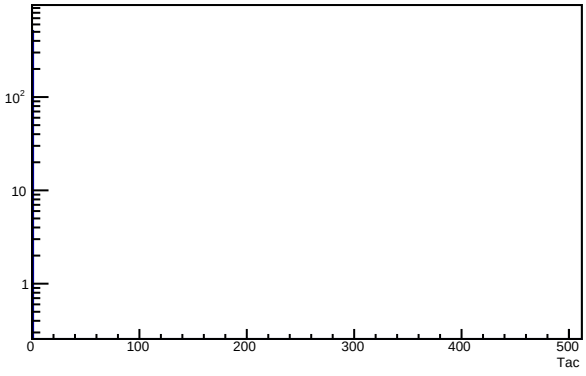

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1533
511
511
511
TAC-Sum
East
West


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

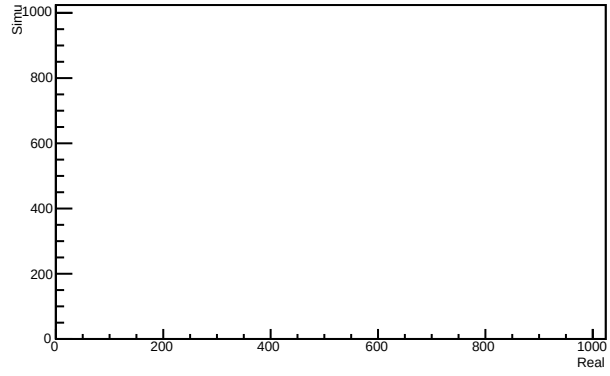

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1022
1
510
511
East
West


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

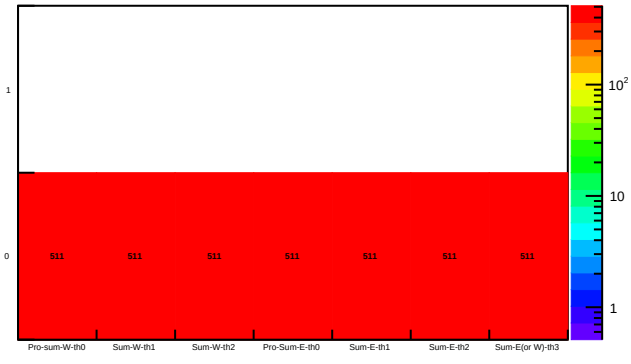
VT201 Input Ch2: ZDC Tac Diff



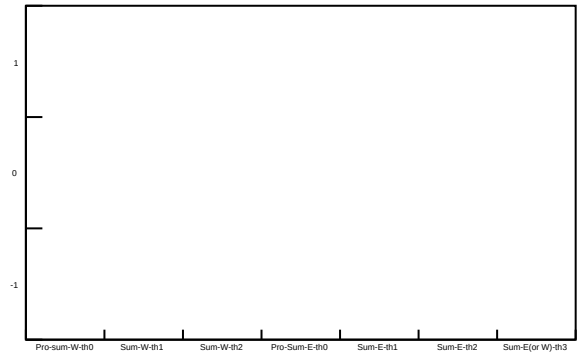
VT201 Input Ch2: ZDC Tac Diff



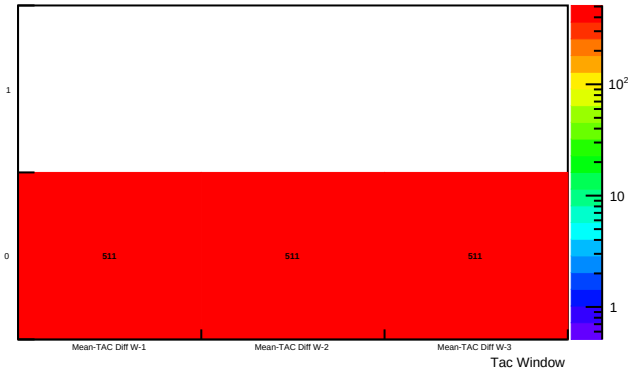
VT201 Input Ch2: ZDC Adc Sum Th



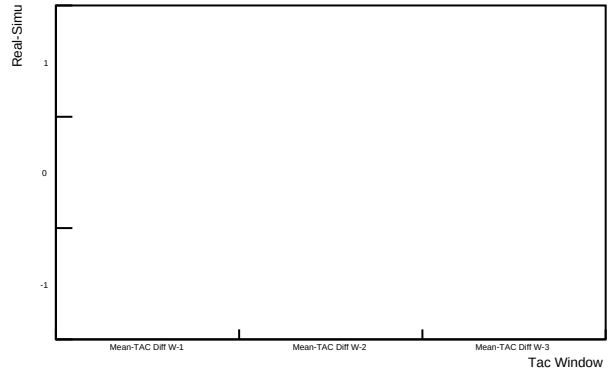
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



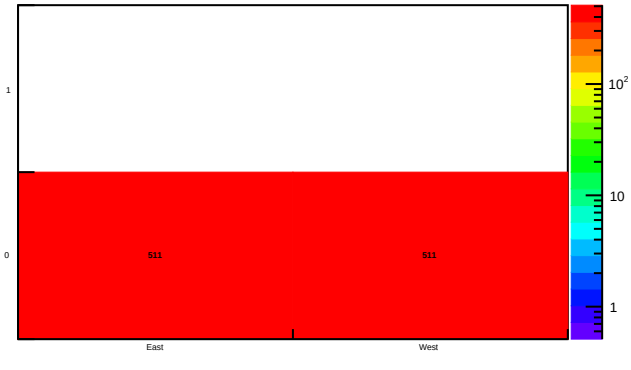
VT201 Input Ch4: VPD Tac Diff



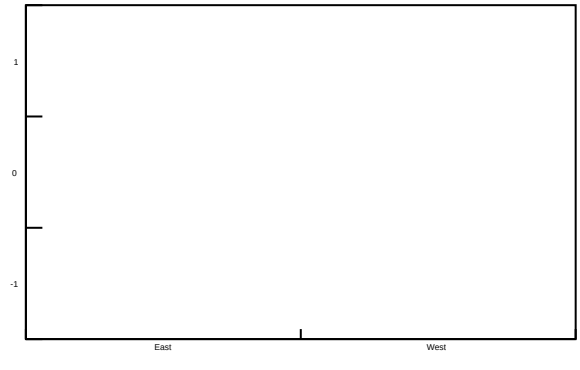
VT201 Input Ch4: VPD Tac Diff

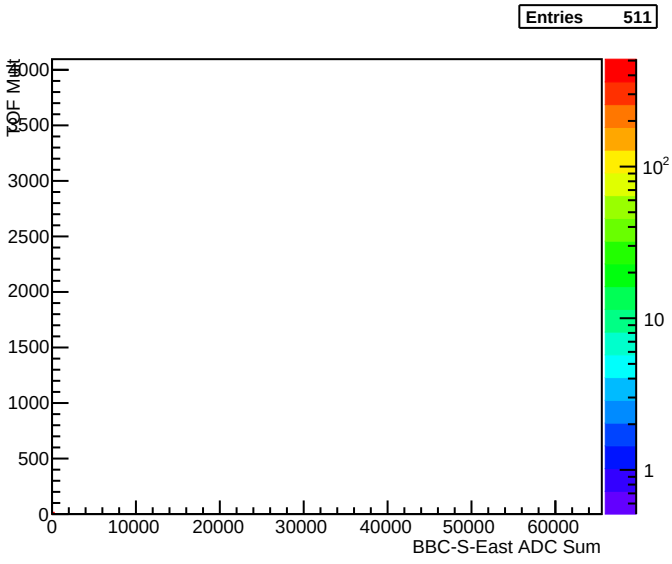


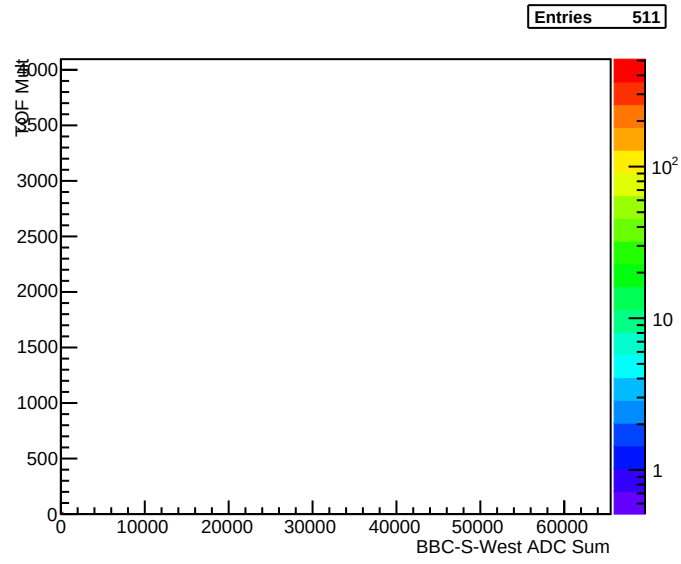
VT201 Input Ch4: VPD Adc Sum Th

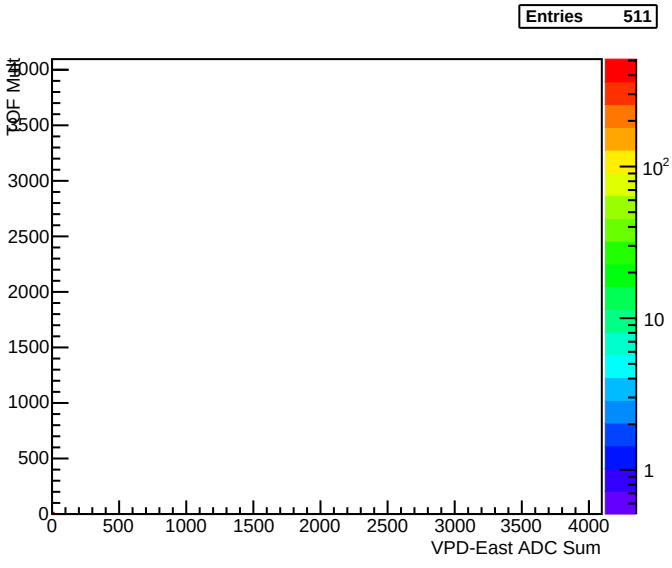


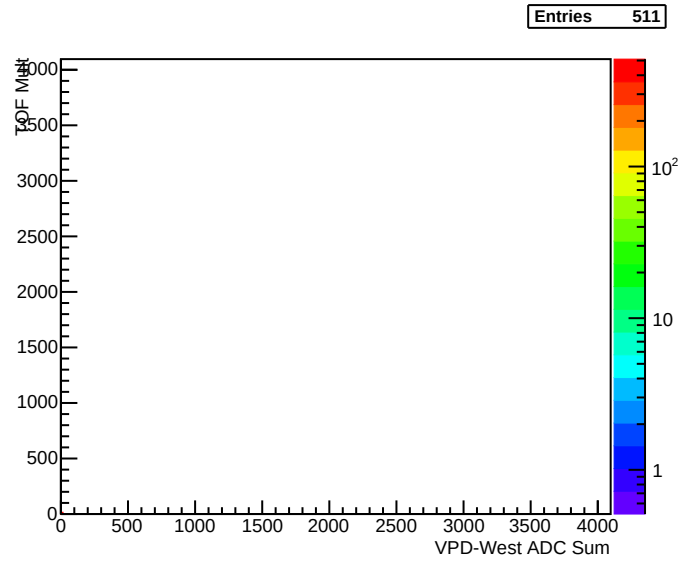
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

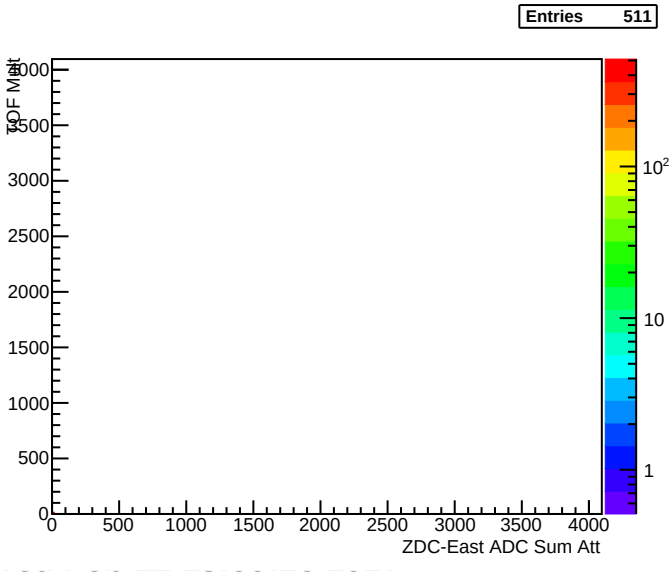


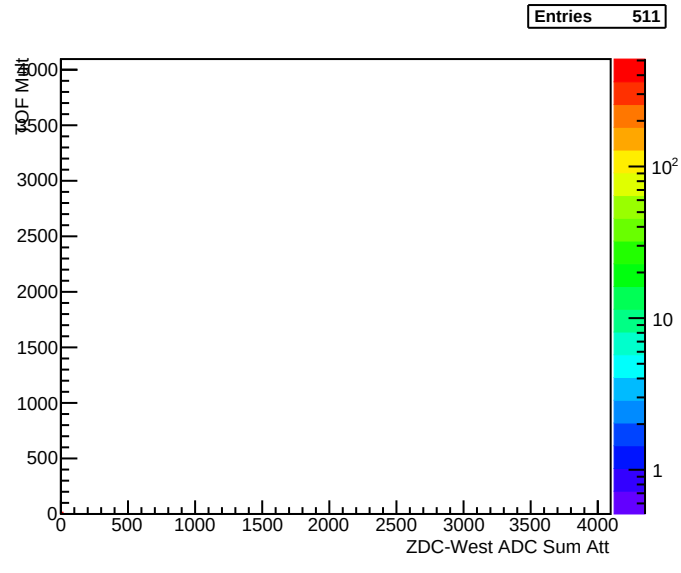

Entries 511
TOF Mult
BBC-S-East ADC Sum

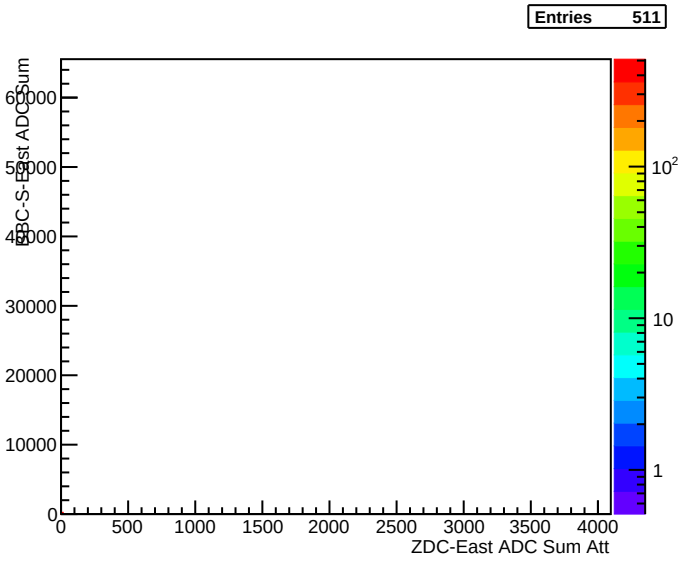

Entries 511
TOF Mult
BBC-S-West ADC Sum

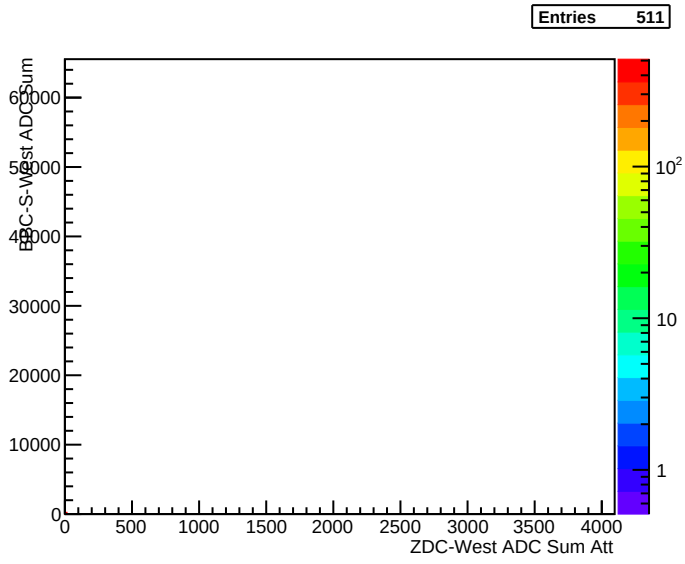

Entries 511
TOF Mult
VPD-East ADC Sum

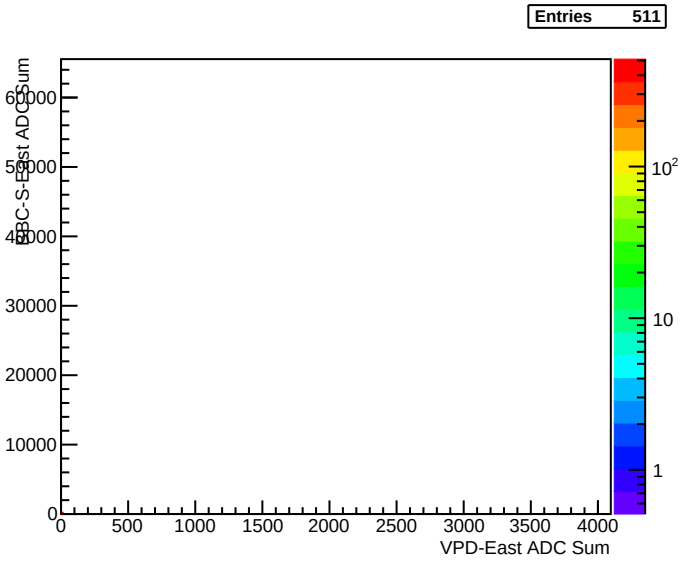

Entries 511
TOF Mult
VPD-West ADC Sum

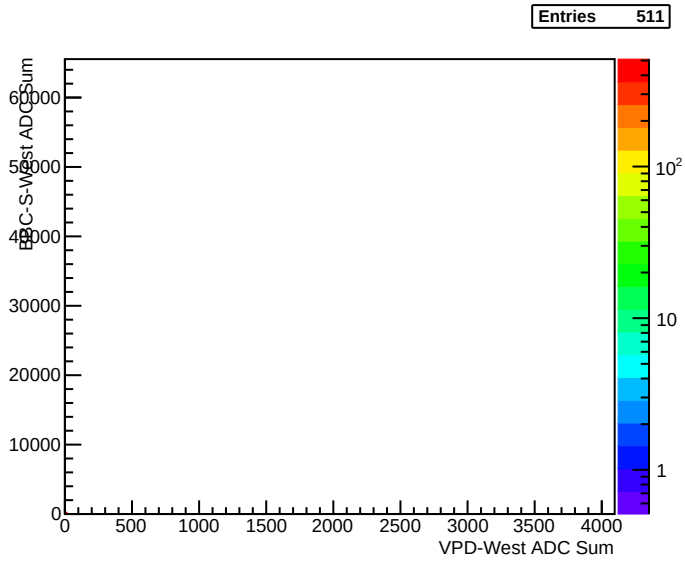

Entries 511
TOF Mult
ZDC-East ADC Sum Att

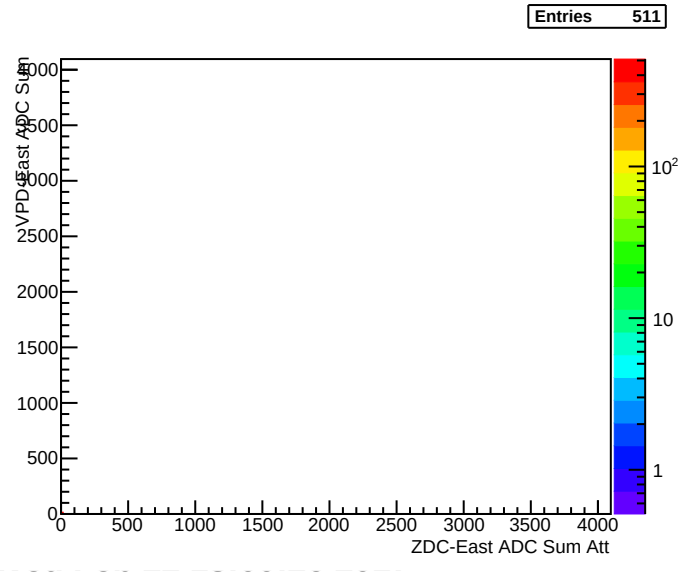

Entries 511
TOF Mult
ZDC-West ADC Sum Att

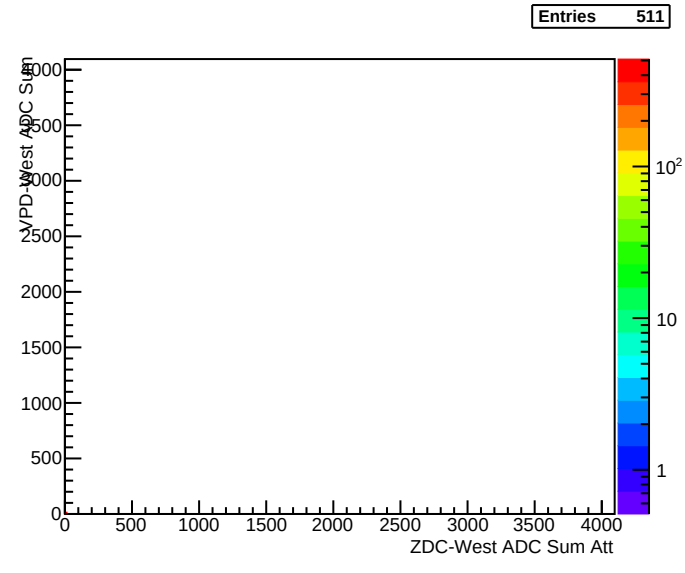

Entries 511
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

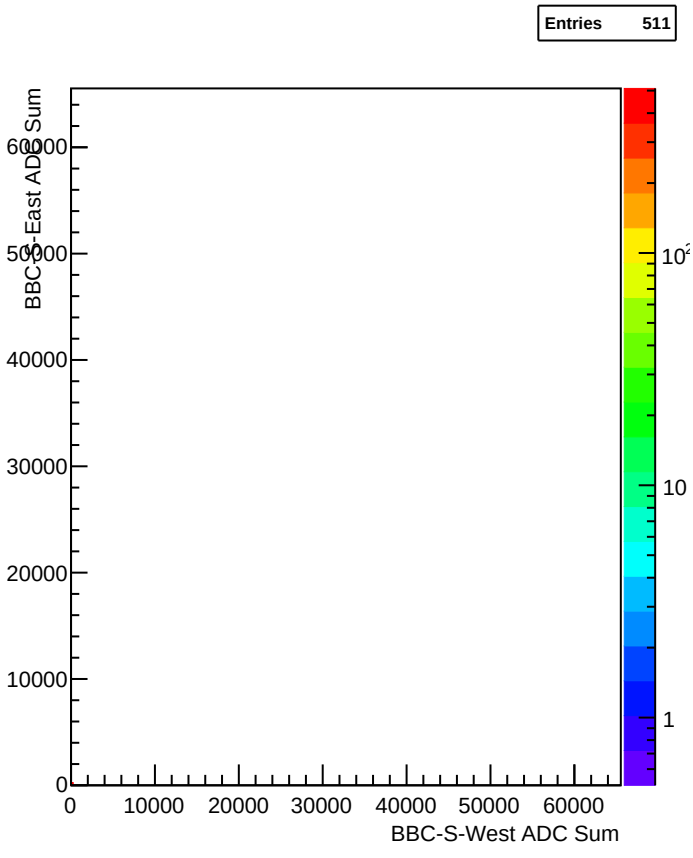

Entries 511
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

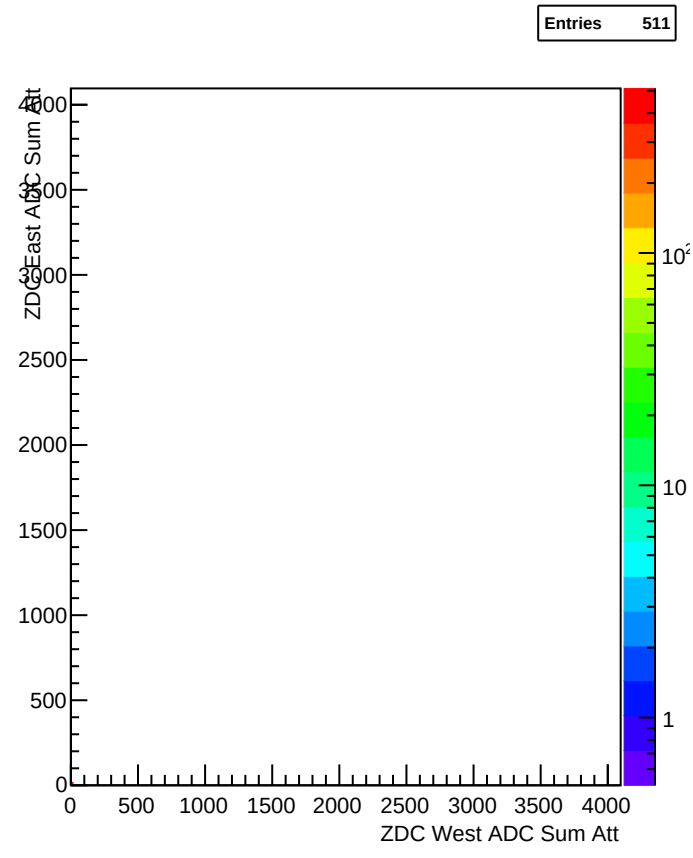

Entries 511
BBC-S-East ADC Sum
VPD-East ADC Sum

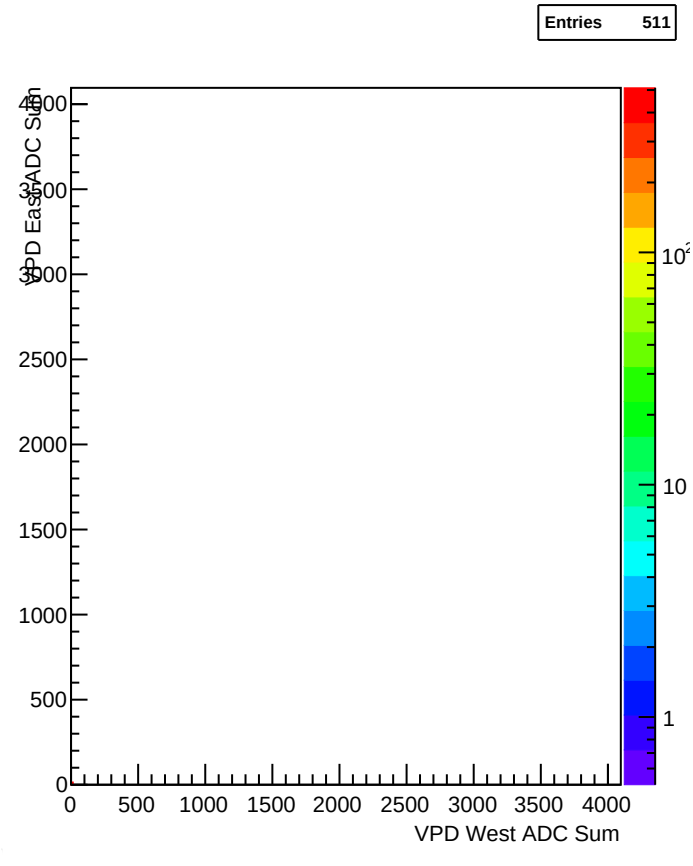

Entries 511
BBC-S-West ADC Sum
VPD-West ADC Sum

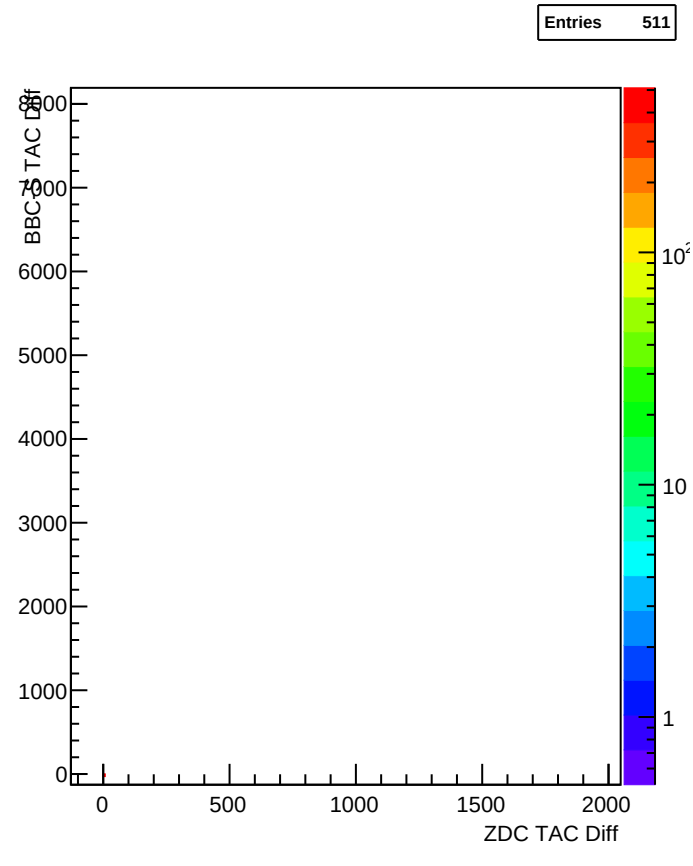

Entries 511
VPD-East ADC Sum
ZDC-East ADC Sum Att

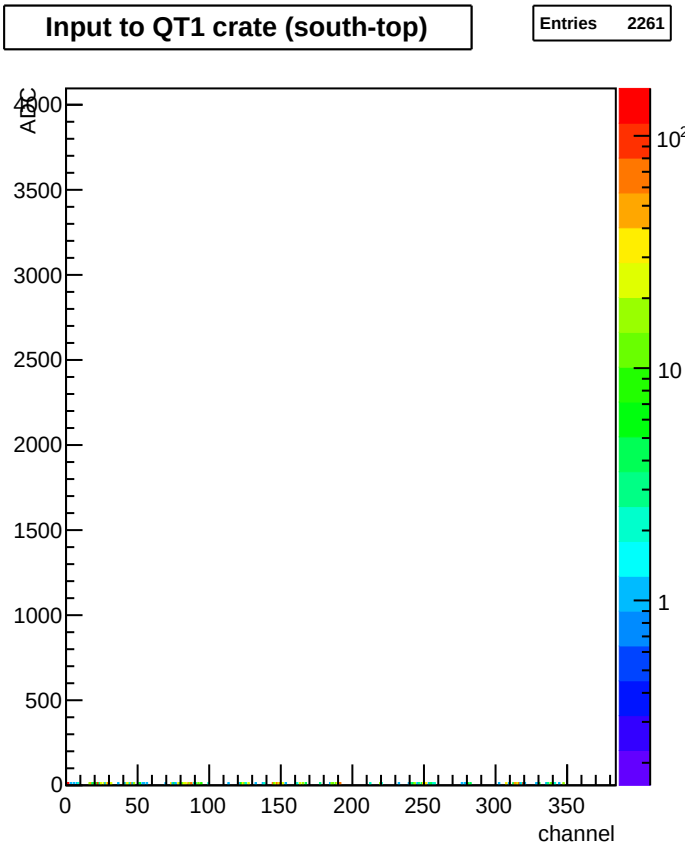

Entries 511
VPD-West ADC Sum
ZDC-West ADC Sum Att

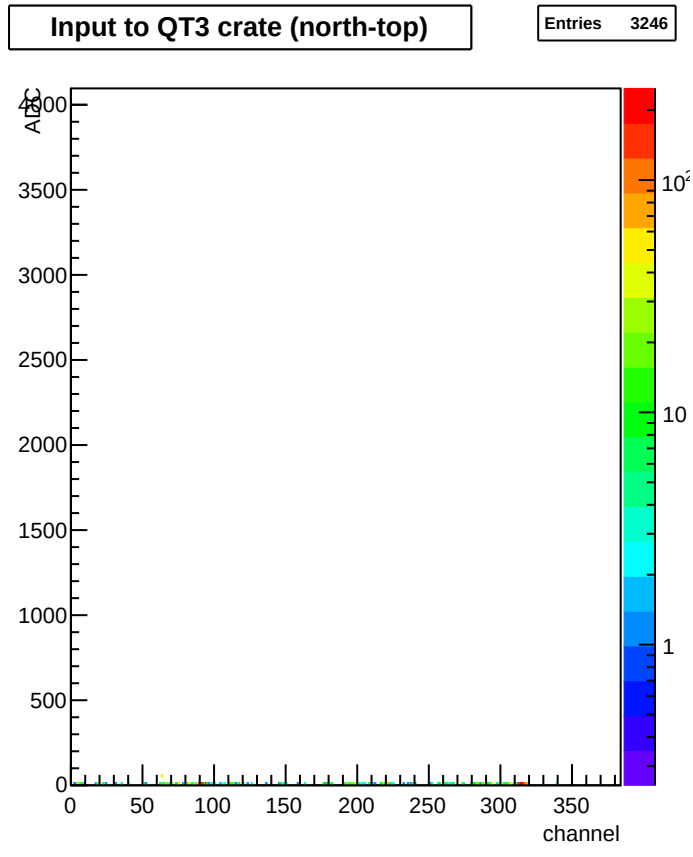

Entries 511
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
1
10
10²

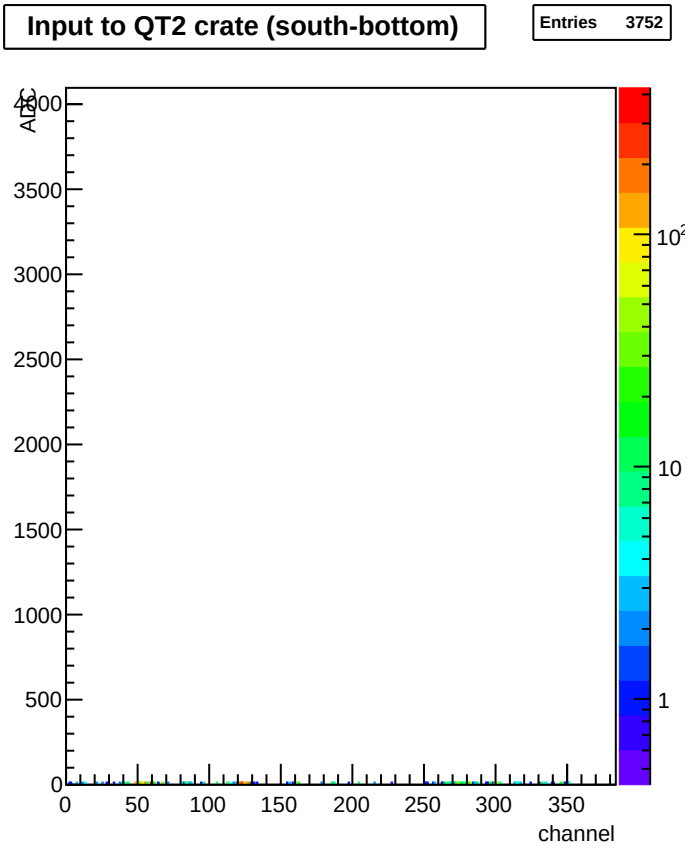

Entries 511
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

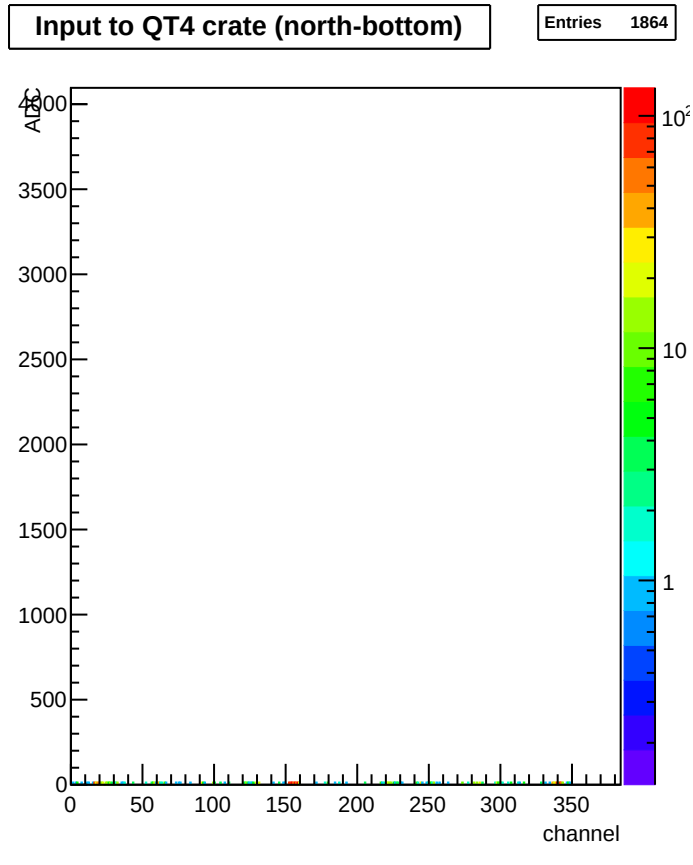

Entries 511
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

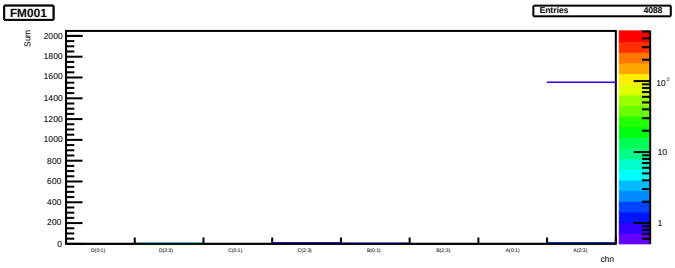

Entries 511
BBC-S TAC Diff
ZDC TAC Diff
0
1000
2000
3000
4000
5000
6000
7000
8000
500
1500
1
10
10²

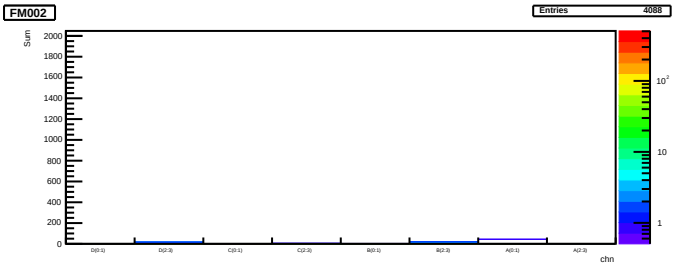

Input to QT1 crate (south-top)
Entries 2261
ADC
channel

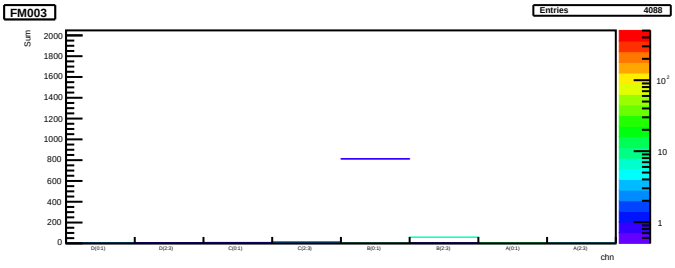

Input to QT3 crate (north-top)
Entries 3246
ADC
channel

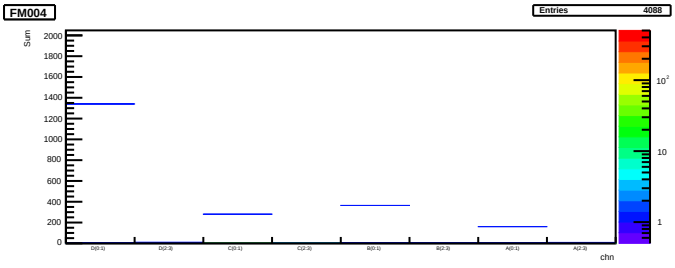

Input to QT2 crate (south-bottom)
Entries 3752
ADC
channel

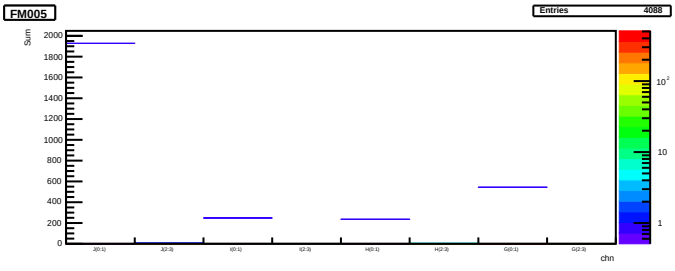

Input to QT4 crate (north-bottom)
Entries 1864
ADC
channel

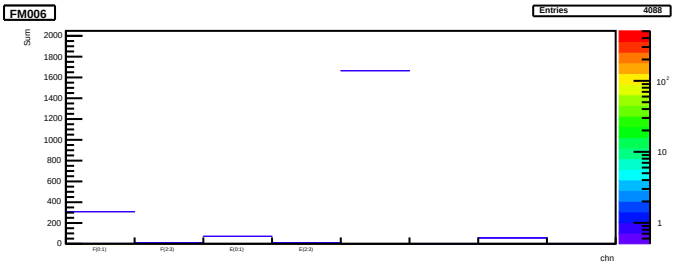

FM001
Entries 4088
Sum
chn

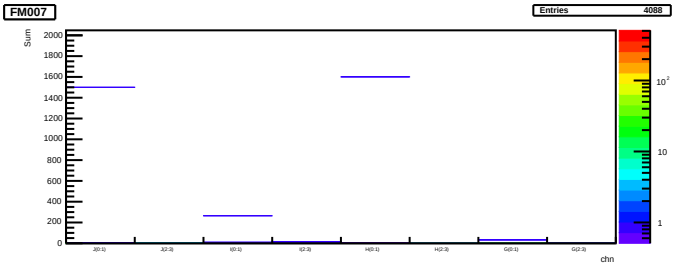

FM002
Entries 4088
Sum
chn

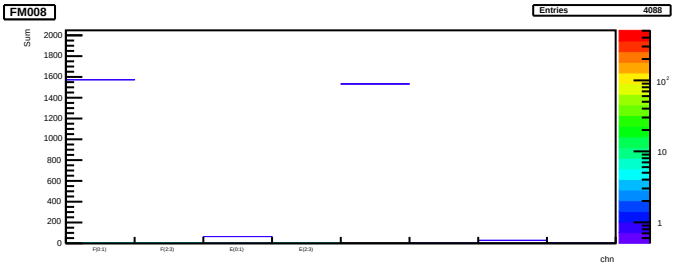

FM003
Entries 4088
Sum
chn

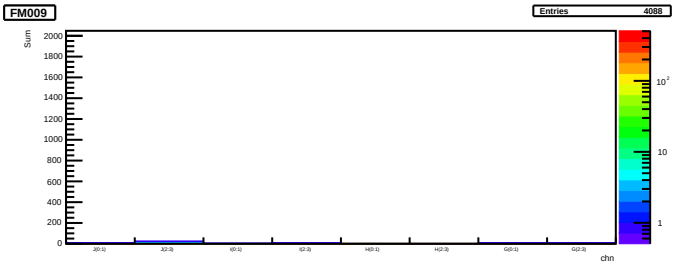

FM004
Entries 4088
Sum
chn

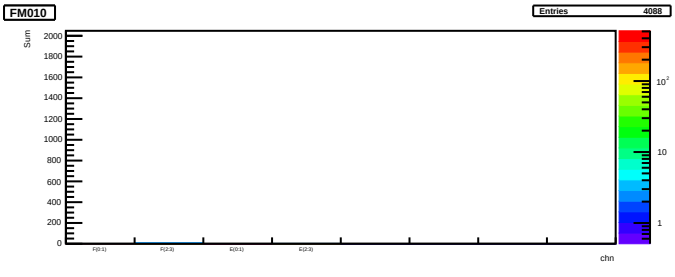

FM005
Entries 4088
Sum
chn

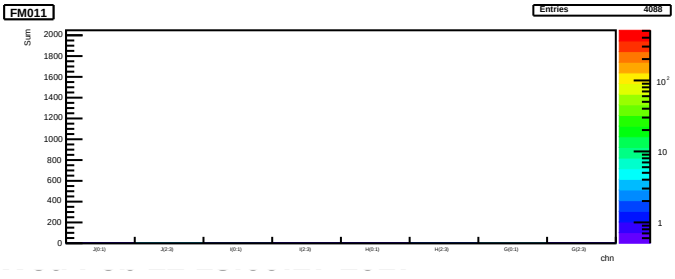

FM006
Entries 4088
Sum
chn

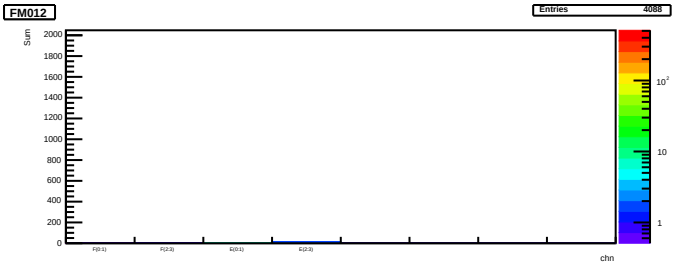

FM007
Entries 4088
Sum
chn

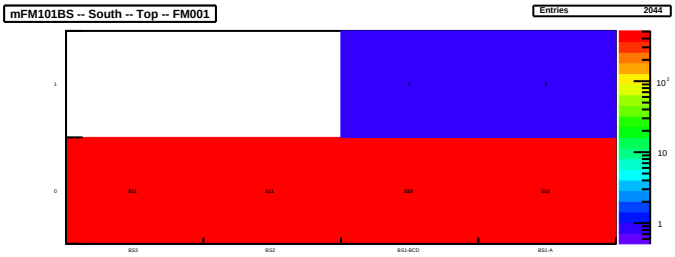

FM008
Entries 4088
Sum
chn

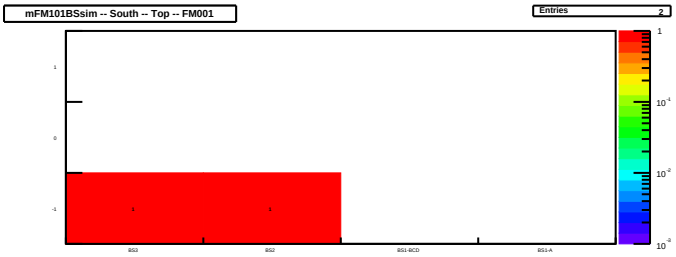

FM009
Entries 4088
Sum
chn

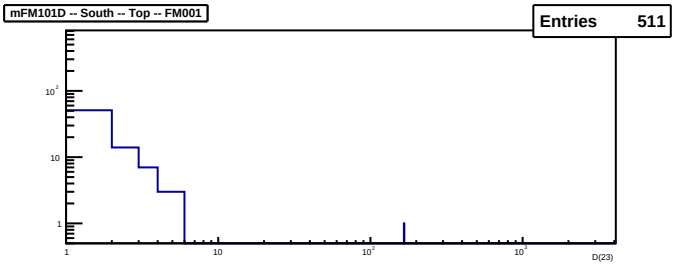

FM010
Entries 4088
Sum
chn

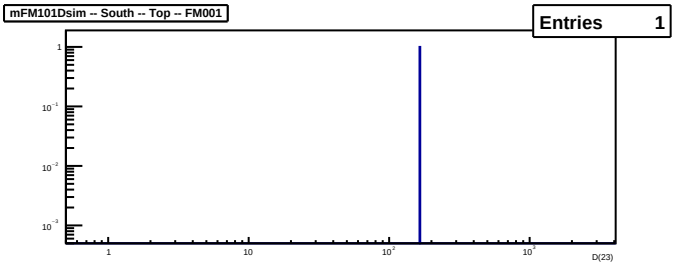

FM011
Entries 4088
Sum
chn


FM012
Entries 4088
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 2044


mFM101BSsim -- South -- Top -- FM001
Entries 2


mFM101D -- South -- Top -- FM001
Entries 511
D(23)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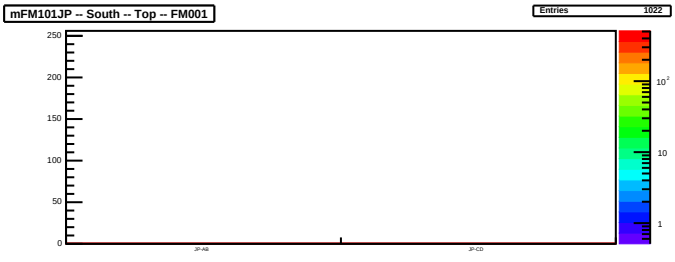
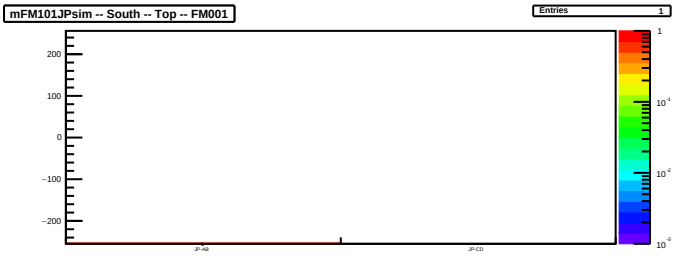
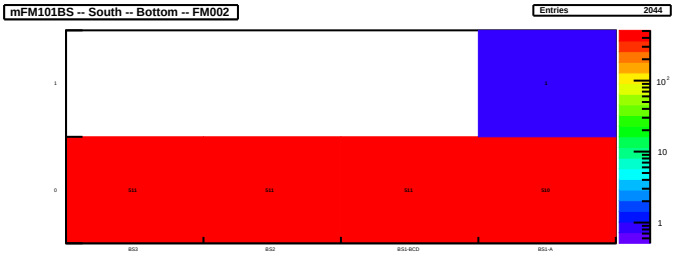
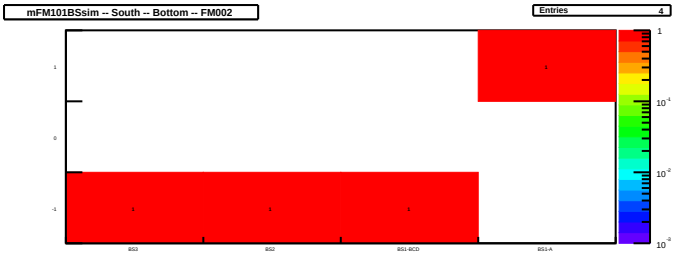
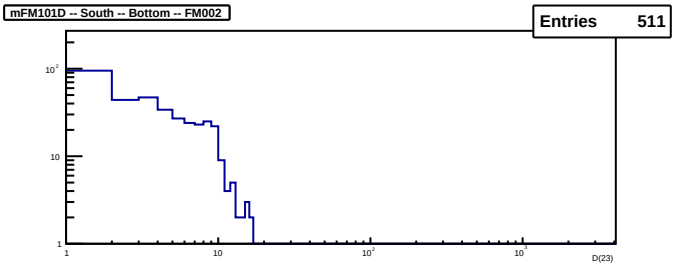
Entries 1
D(23)

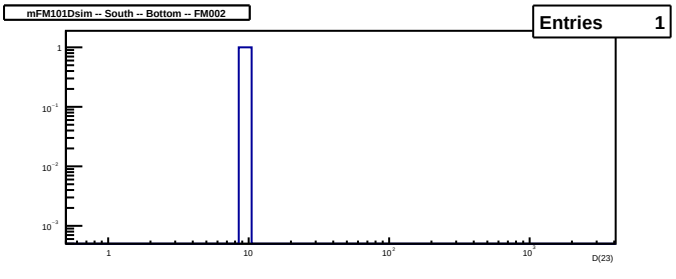

mFM101JP -- South -- Top -- FM001
Entries 1022


mFM101JPsim -- South -- Top -- FM001
Entries 1


mFM101BS -- South -- Bottom -- FM002
Entries 2044


mFM101BSsim -- South -- Bottom -- FM002
Entries 4


mFM101D -- South -- Bottom -- FM002
Entries 511
D(23)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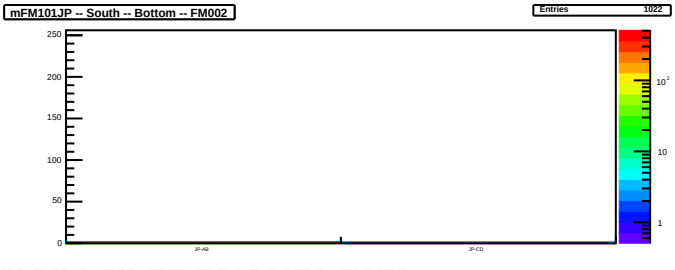
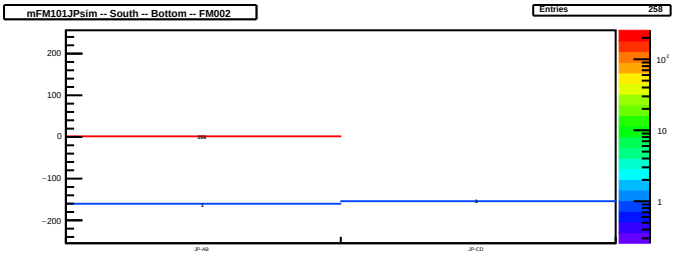
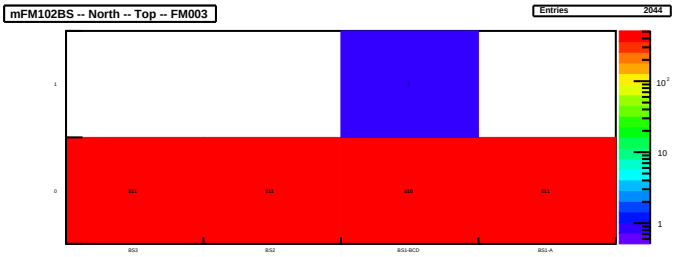
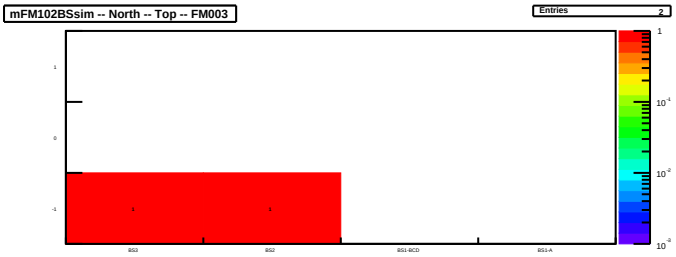
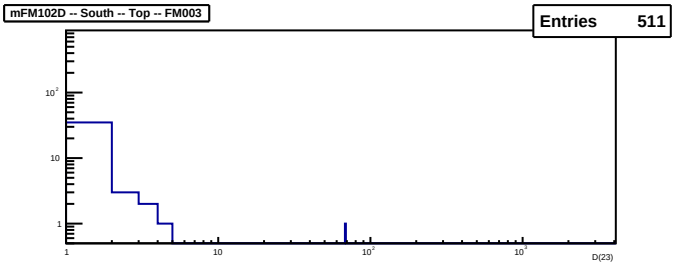
Entries 1
D(23)

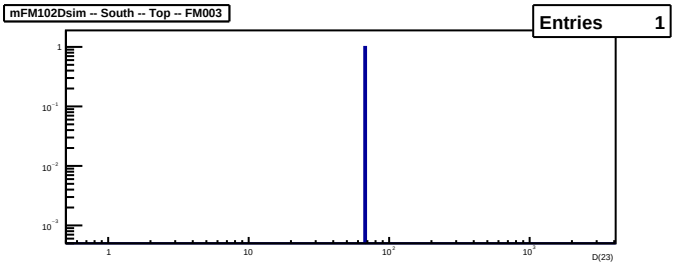

mFM101JP -- South -- Bottom -- FM002
Entries 1022


mFM101JPsim -- South -- Bottom -- FM002
Entries 258


mFM102BS -- North -- Top -- FM003
Entries 2044


mFM102BSsim -- North -- Top -- FM003
Entries 2


mFM102D -- South -- Top -- FM003
Entries 511
D(23)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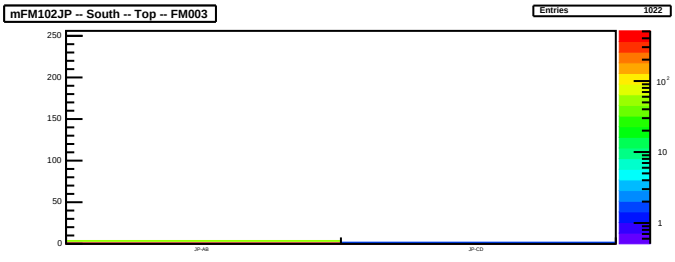
Entries 1
D(23)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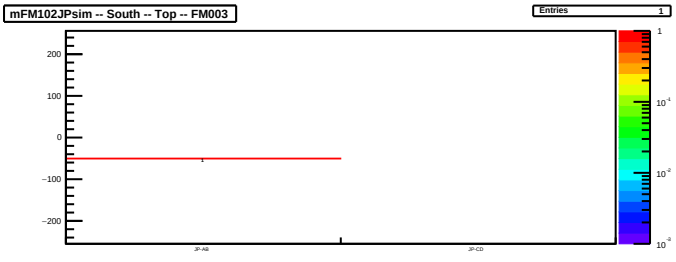
Entries 1022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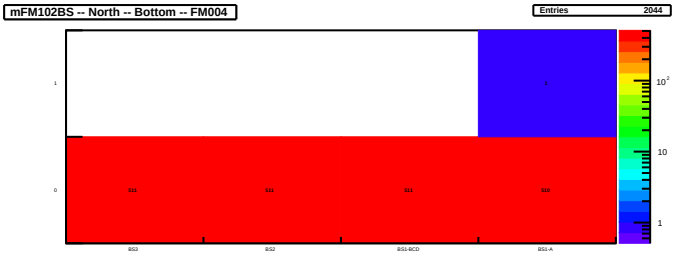
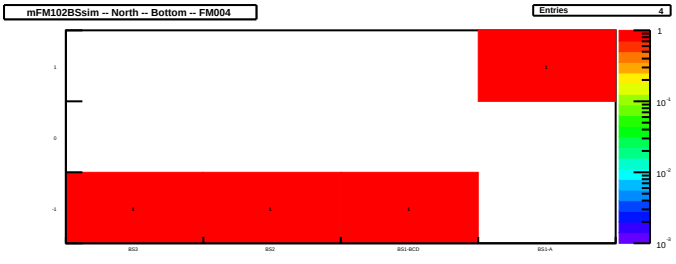
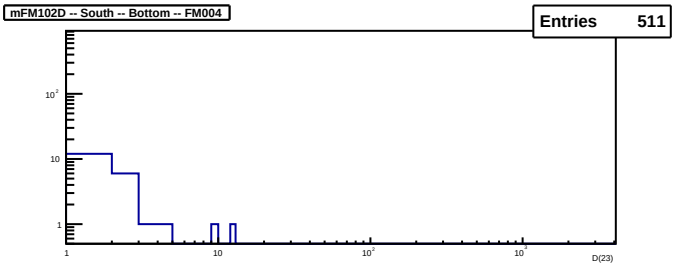
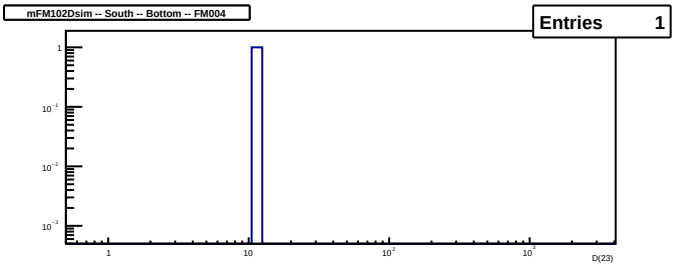
Entries 1


mFM102BS -- North -- Bottom -- FM004
Entries 2044


mFM102BSsim -- North -- Bottom -- FM004
Entries 4


mFM102D -- South -- Bottom -- FM004
Entries 511
D(23)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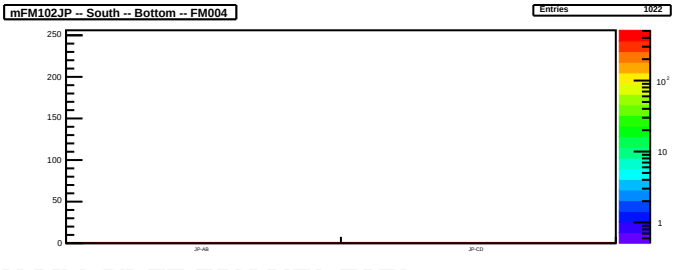
Entries 1
D(23)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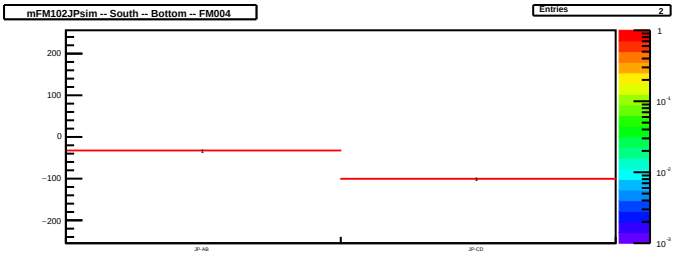
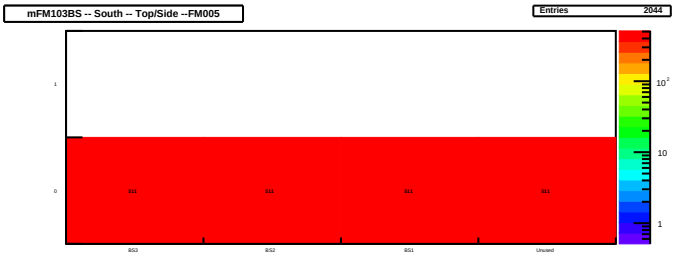
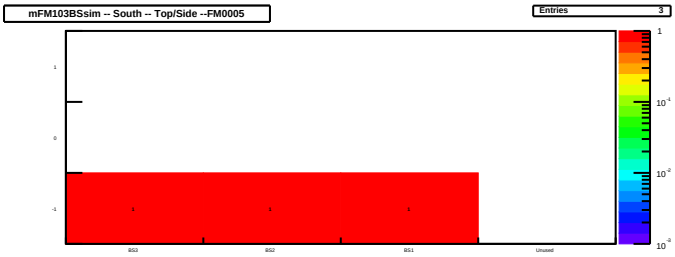
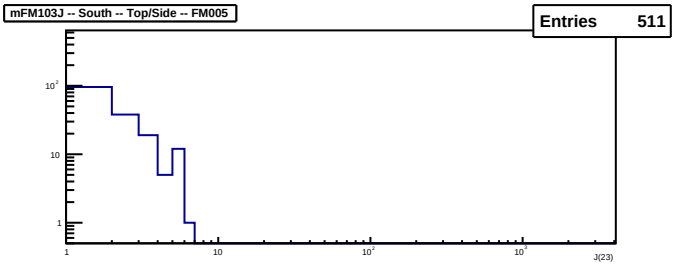
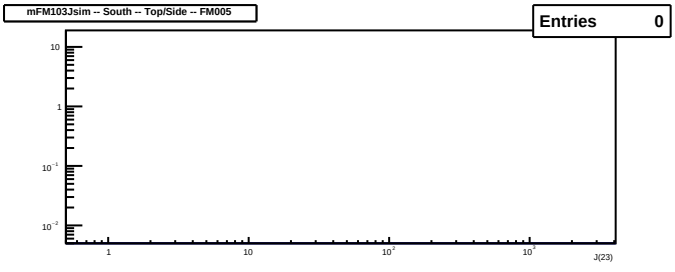
Entries 1022


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


mFM103BS -- South -- Top/Side --FM005
Entries 2044
511
511
511
511
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 3
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 511
J(23)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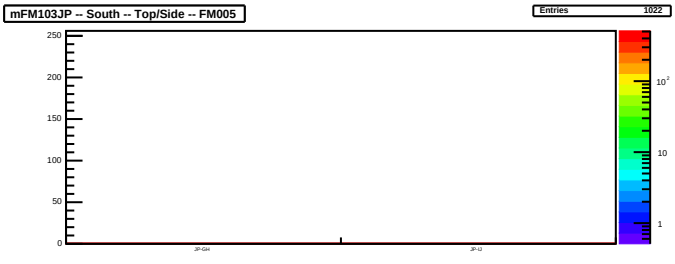
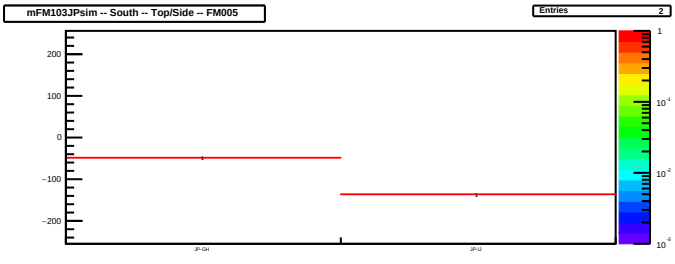
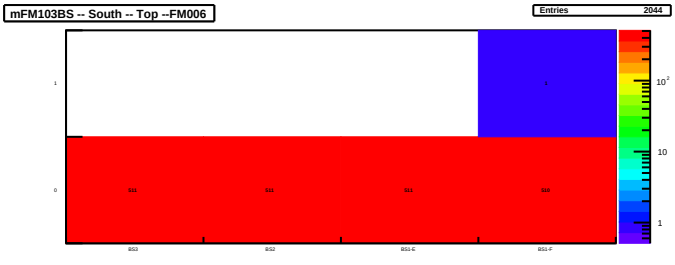
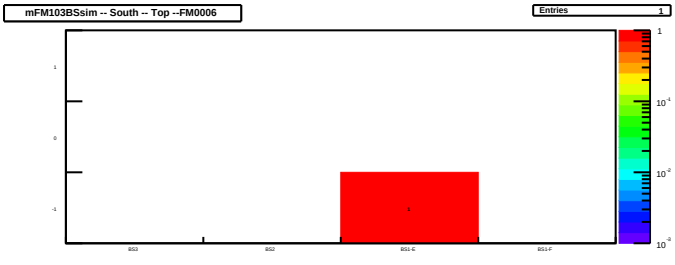
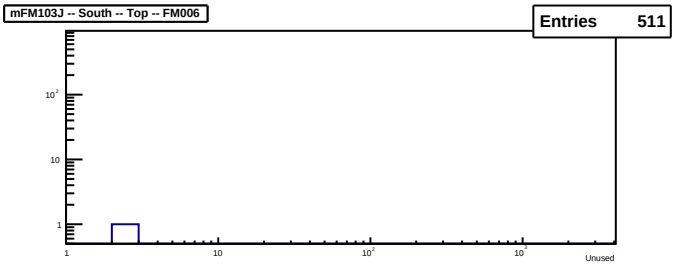
Entries 0
J(23)

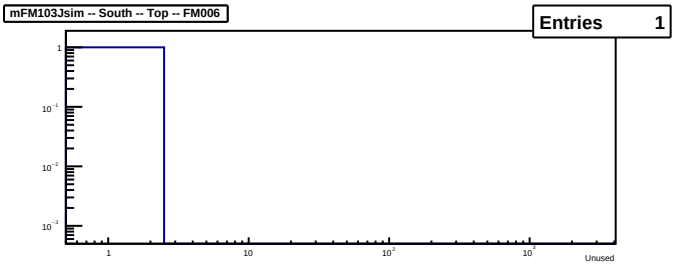

mFM103JP -- South -- Top/Side -- FM005
Entries 1022
JP-GH
JP-IJ


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

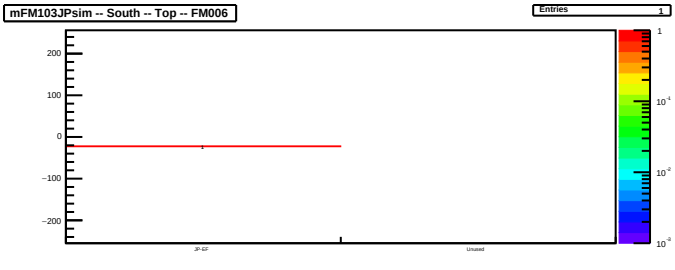

mFM103BS -- South -- Top --FM006
Entries 2044
511
511
511
510
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 1
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 511
Unused


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

mFM103JP -- South -- Top -- FM006
Entries 1022
JP-EF
Unused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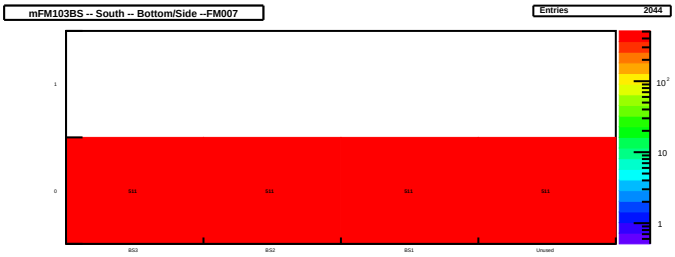
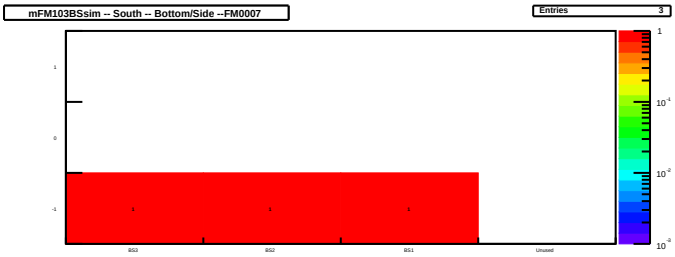
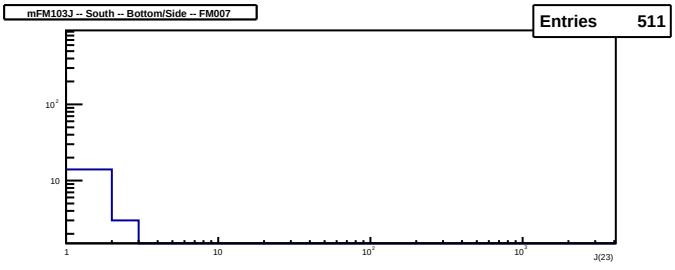
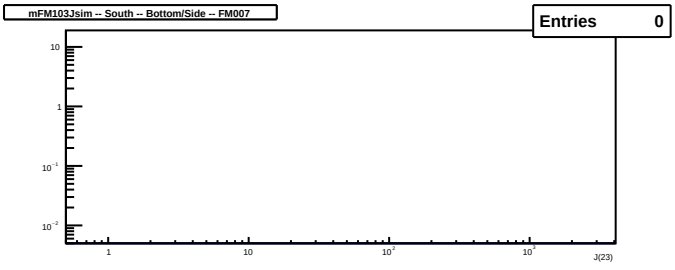
Entries 1
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 2044
511
511
511
511
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3
1
1
1
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 511
J(23)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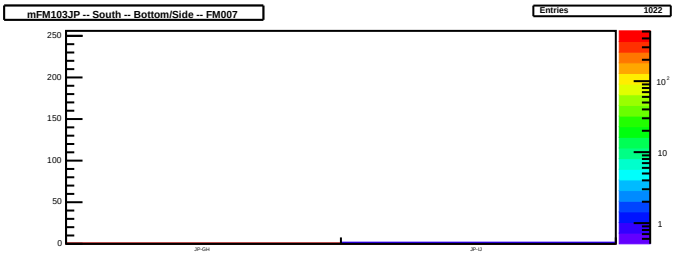
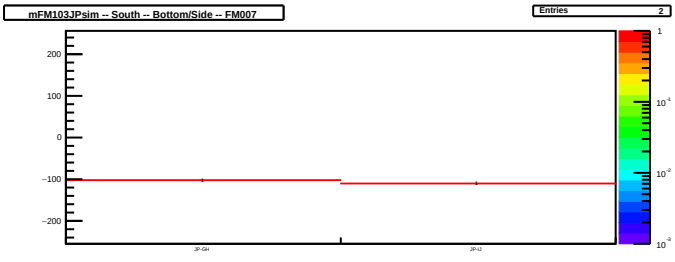
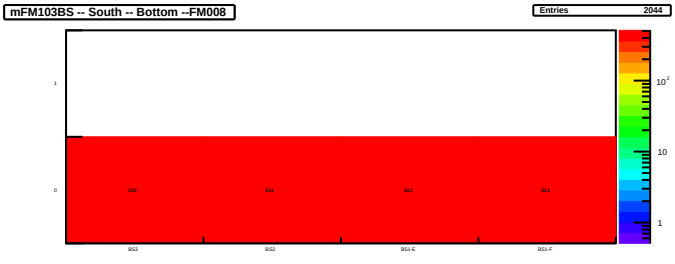
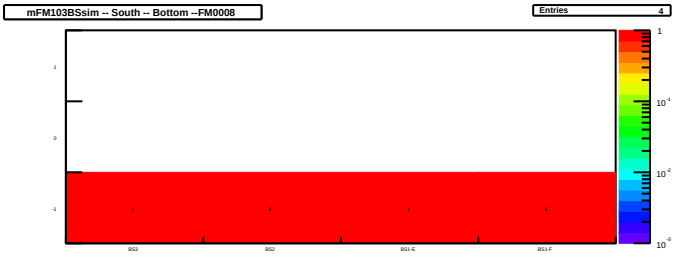
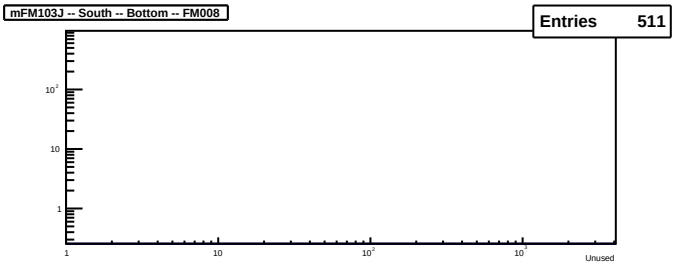
Entries 0
J(23)

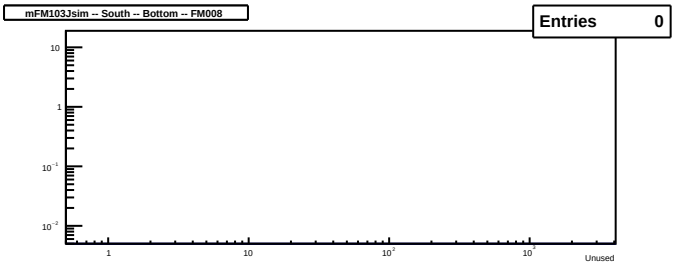

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1022
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2
JP-GH
JP-IJ

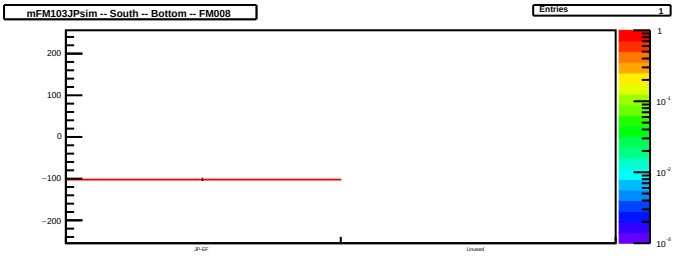

mFM103BS -- South -- Bottom --FM008
Entries 2044
511
511
511
511
BS3
BS2
BS1-E
BS1-F

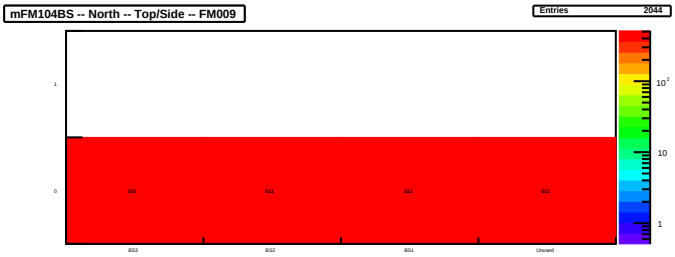

mFM103BSsim -- South -- Bottom --FM0008
Entries 4
1
1
1
1
BS3
BS2
BS1-E
BS1-F

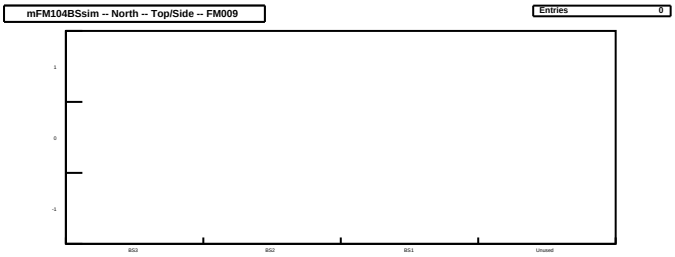

mFM103J -- South -- Bottom -- FM008
Entries 511
Unused

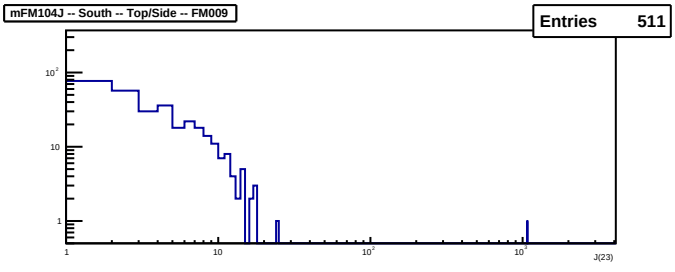

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

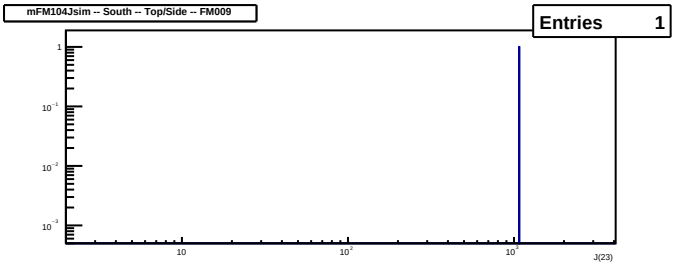
mFM103JP -- South -- Bottom -- FM008
Entries 1022
JP-EF
Unused

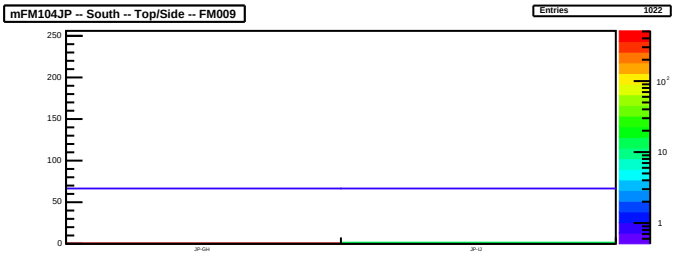

mFM103JPsim -- South -- Bottom -- FM008
Entries 1
JP-EF
Unused

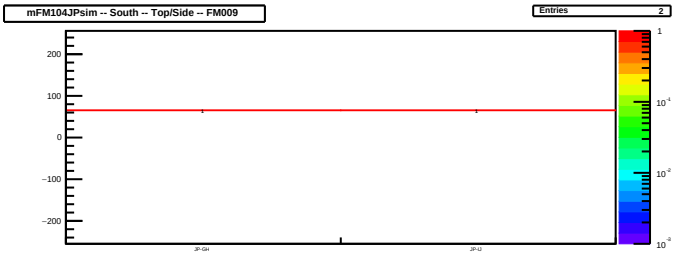

mFM104BS -- North -- Top/Side -- FM009
Entries 2044
511
511
511
511
BS3
BS2
BS1
Unused

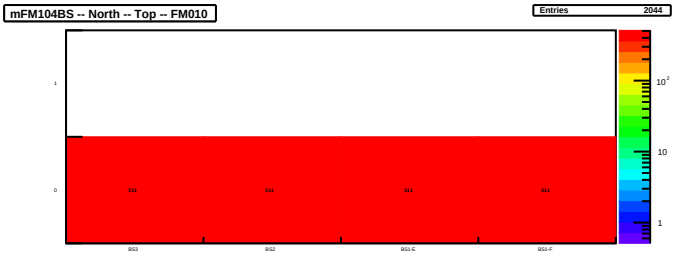

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

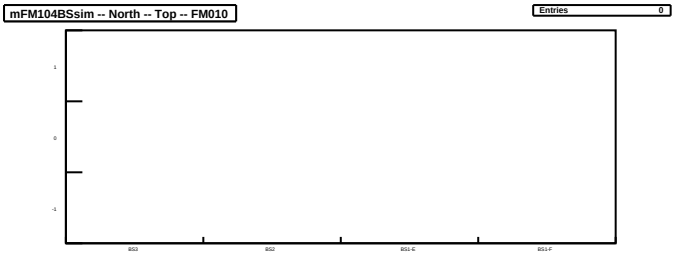

mFM104J -- South -- Top/Side -- FM009
Entries 511
J(23)

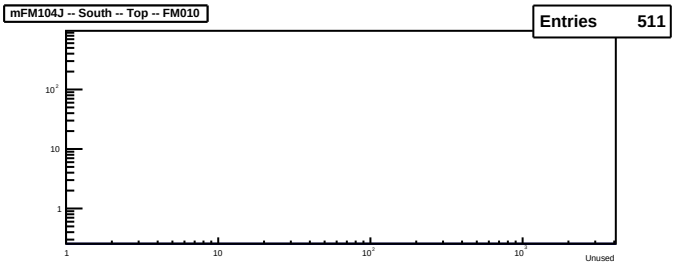

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1
J(23)

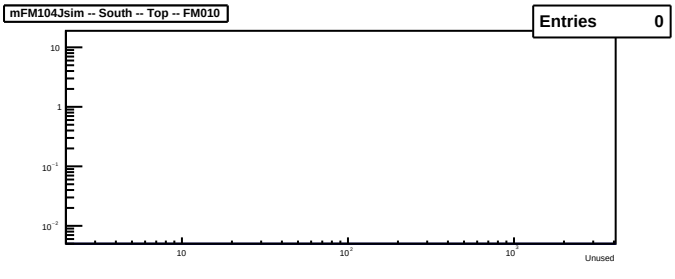

mFM104JP -- South -- Top/Side -- FM009
Entries 1022
JP-GH
JP-IJ


mFM104JPsim -- South -- Top/Side -- FM009
Entries 2
JP-GH
JP-IJ

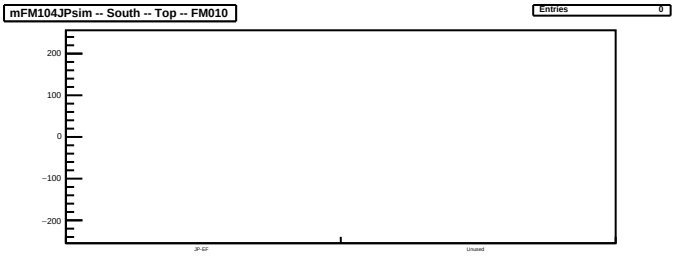

mFM104BS -- North -- Top -- FM010
Entries 2044
511
511
511
511
BS3
BS2
BS1-E
BS1-F

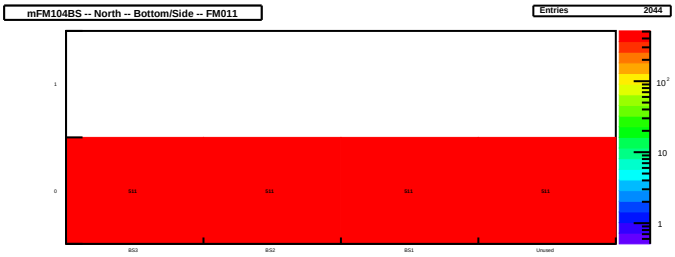

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

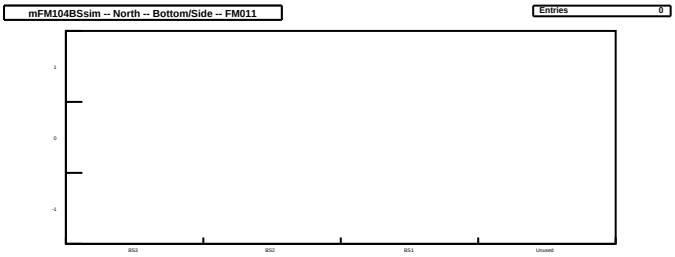

mFM104J -- South -- Top -- FM010
Entries 511
Unused

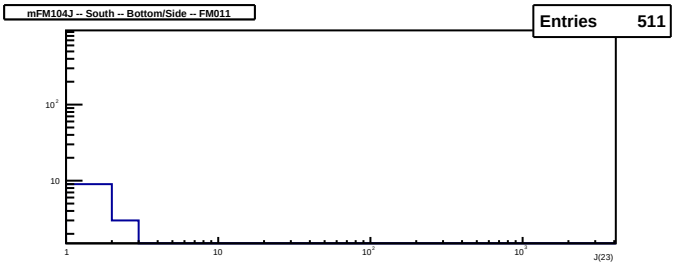

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

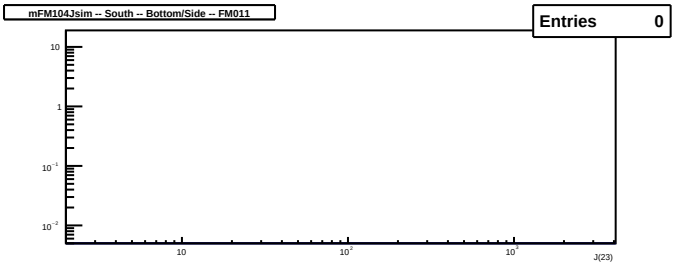
mFM104JP -- South -- Top -- FM010
Entries 1022
JP-EF
Unused

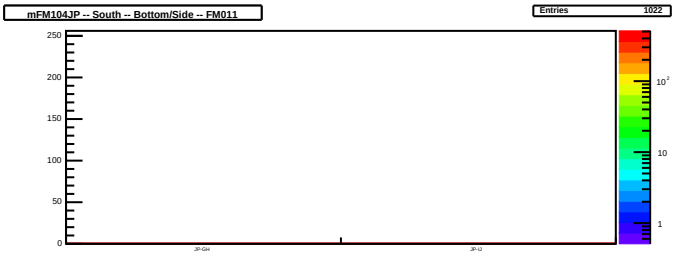

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

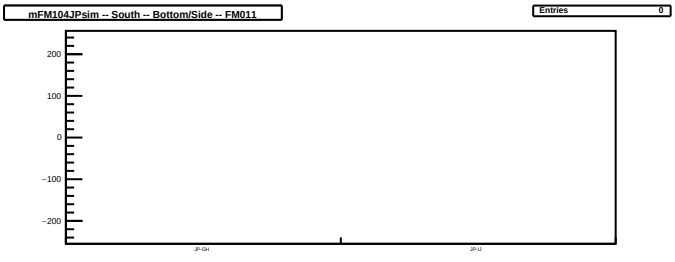

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2044
511
511
511
511
BS3
BS2
BS1
Unused

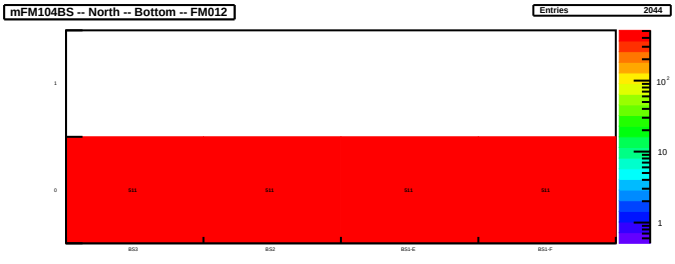

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

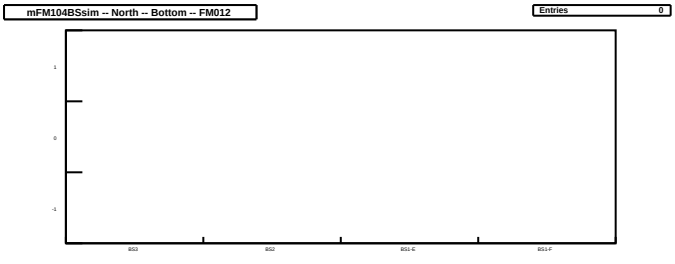

mFM104J -- South -- Bottom/Side -- FM011
Entries 511
J(23)

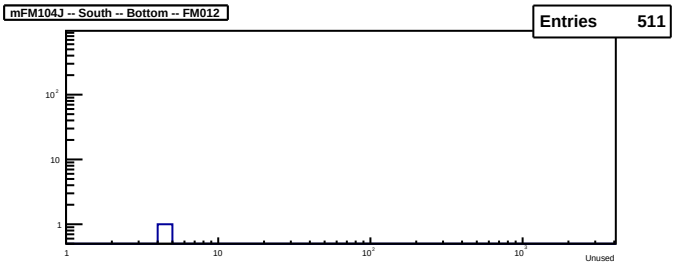

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

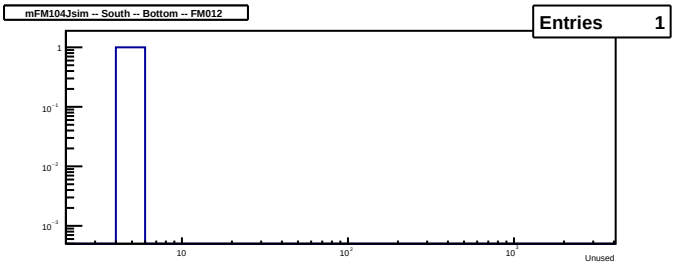

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1022
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 2044
511
511
511
511
BS3
BS2
BS1-E
BS1-F

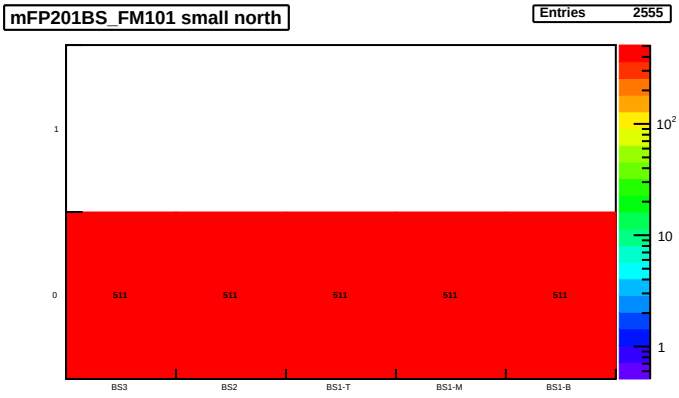

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

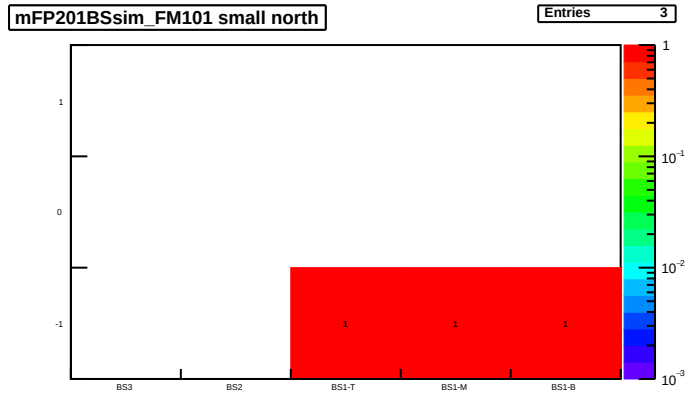

mFM104J -- South -- Bottom -- FM012
Entries 511
Unused

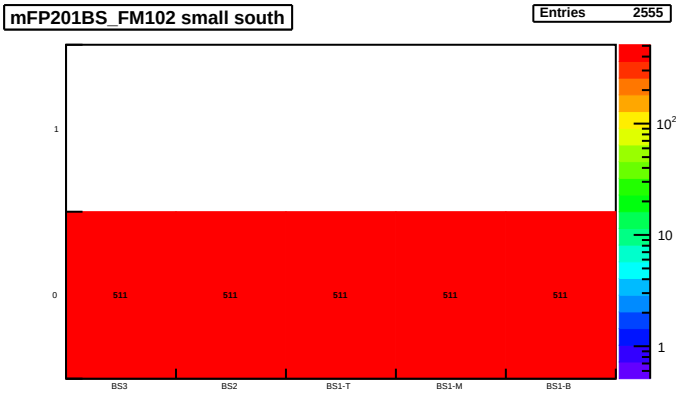

mFM104Jsim -- South -- Bottom -- FM012
Entries 1
Unused

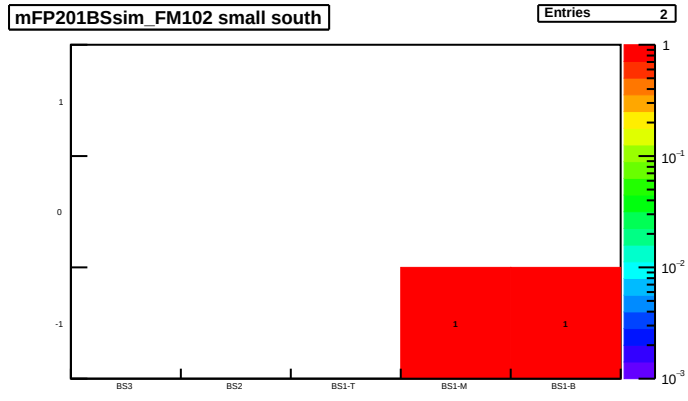
mFM104JP -- South -- Bottom -- FM012
Entries 1022
JP-EF
Unused

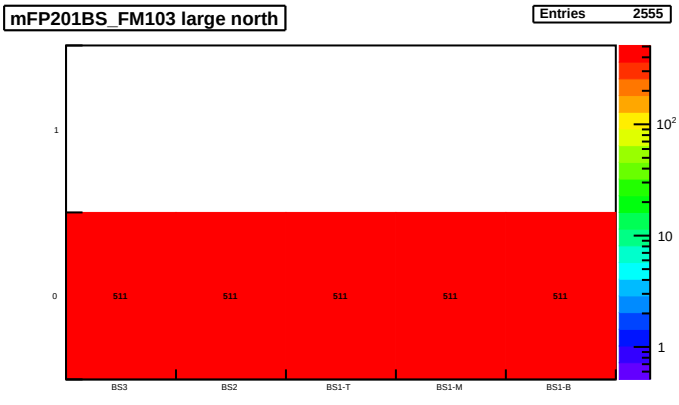
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

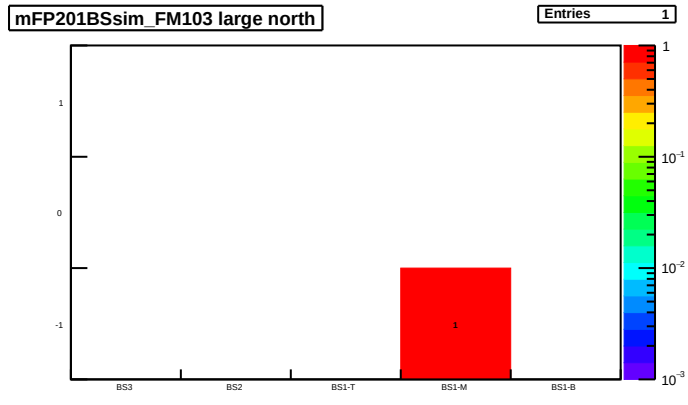

mFP201BS_FM101 small north
Entries 2555
511 511 511 511 511
BS3 BS2 BS1-T BS1-M BS1-B

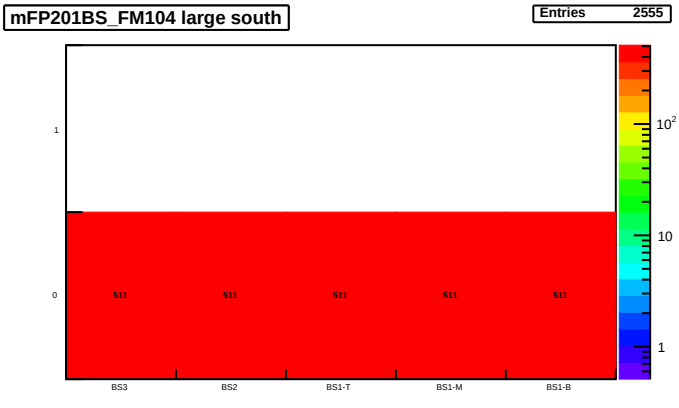

mFP201BSsim_FM101 small north
Entries 3
1 1 1
BS3 BS2 BS1-T BS1-M BS1-B

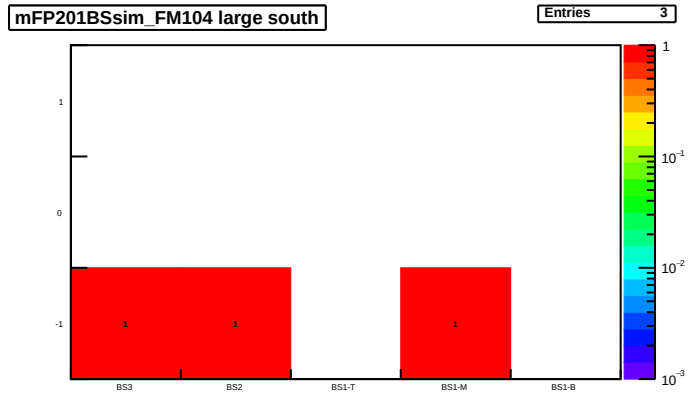

mFP201BS_FM102 small south
Entries 2555
511 511 511 511 511
BS3 BS2 BS1-T BS1-M BS1-B

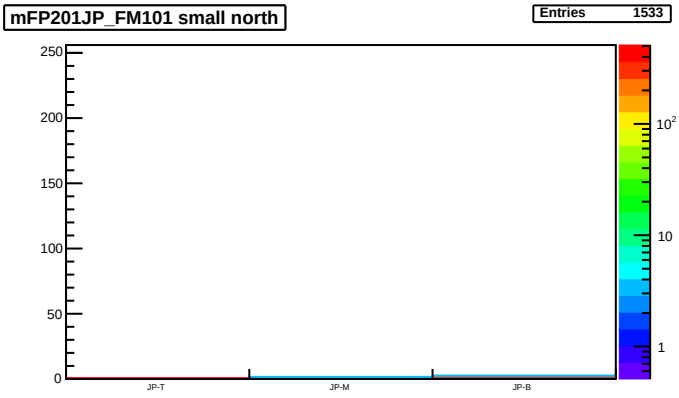

mFP201BSsim_FM102 small south
Entries 2
1 1
BS3 BS2 BS1-T BS1-M BS1-B

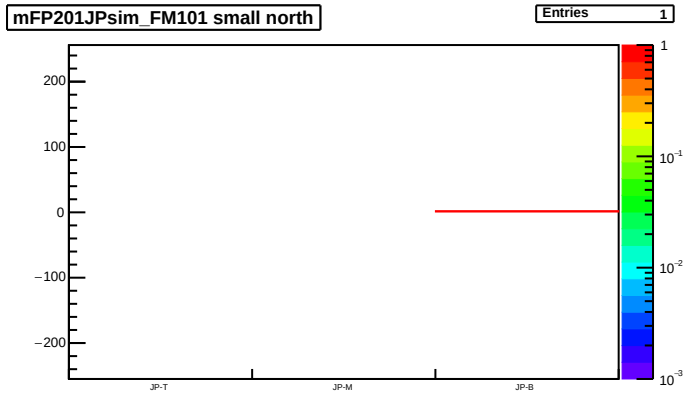

mFP201BS_FM103 large north
Entries 2555
511 511 511 511 511
BS3 BS2 BS1-T BS1-M BS1-B

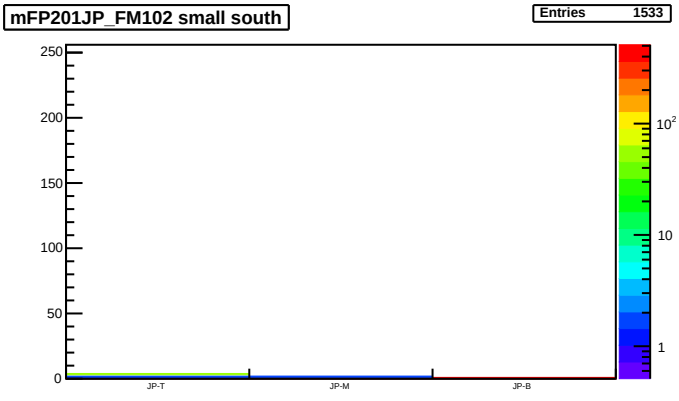

mFP201BSsim_FM103 large north
Entries 1
1
BS3 BS2 BS1-T BS1-M BS1-B

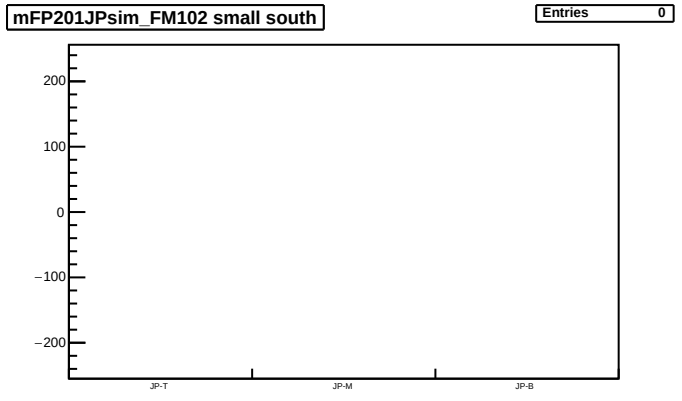

mFP201BS_FM104 large south
Entries 2555
511 511 511 511 511
BS3 BS2 BS1-T BS1-M BS1-B

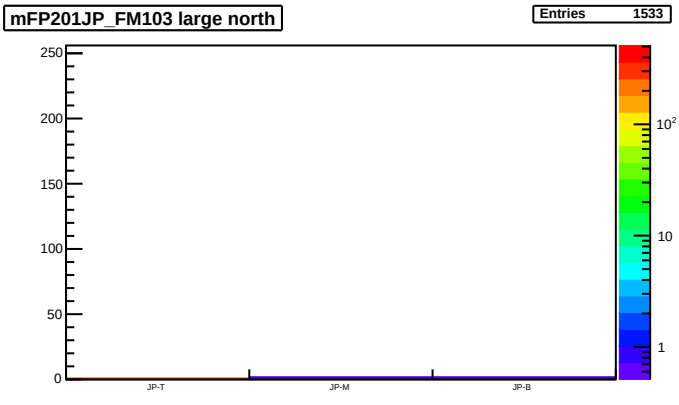

mFP201BSsim_FM104 large south
Entries 3
1 1 1
BS3 BS2 BS1-T BS1-M BS1-B

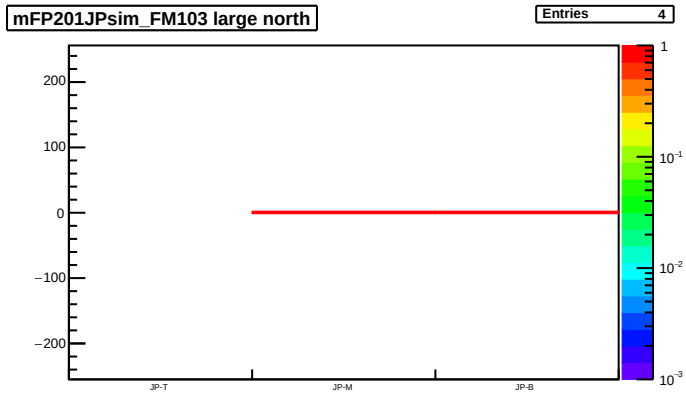

mFP201JP_FM101 small north
Entries 1533
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

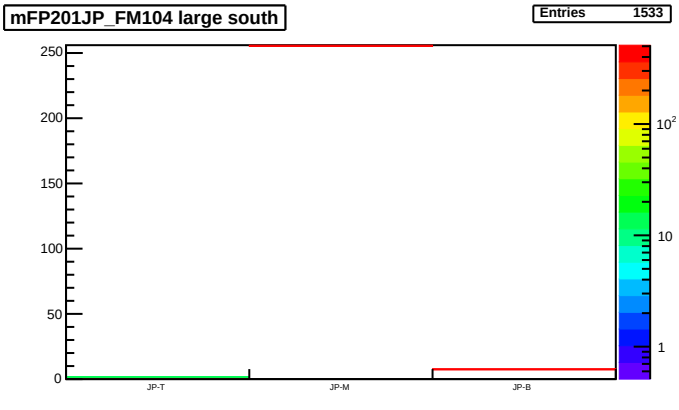

mFP201JPsim_FM101 small north
Entries 1
200
100
0
−100
−200
JP-T
JP-M
JP-B
1
10^{-1}
10^{-2}
10^{-3}

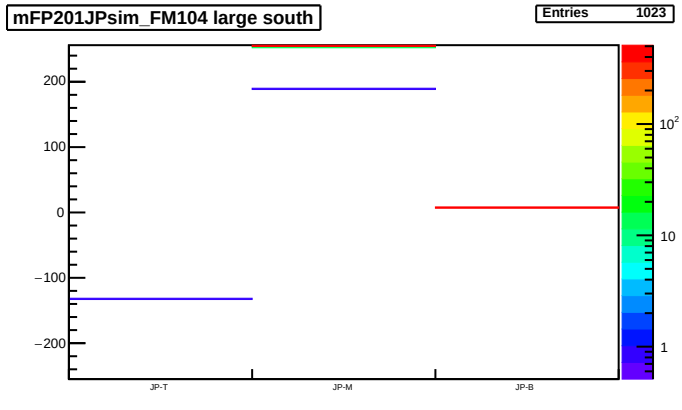

mFP201JP_FM102 small south
Entries 1533
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

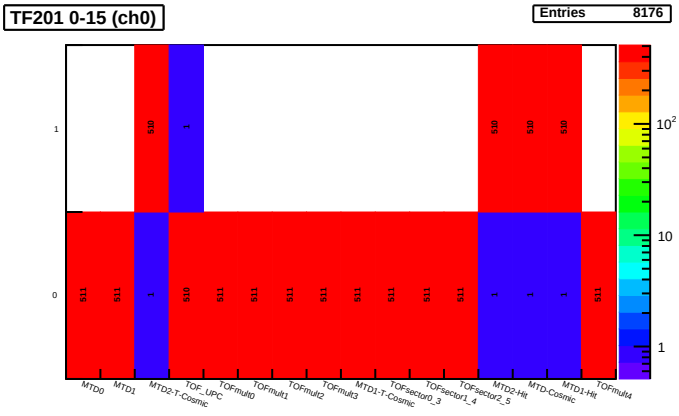

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

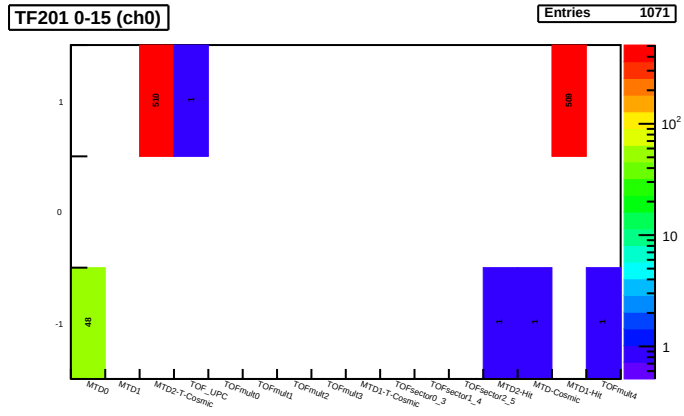

mFP201JP_FM103 large north
Entries 1533
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

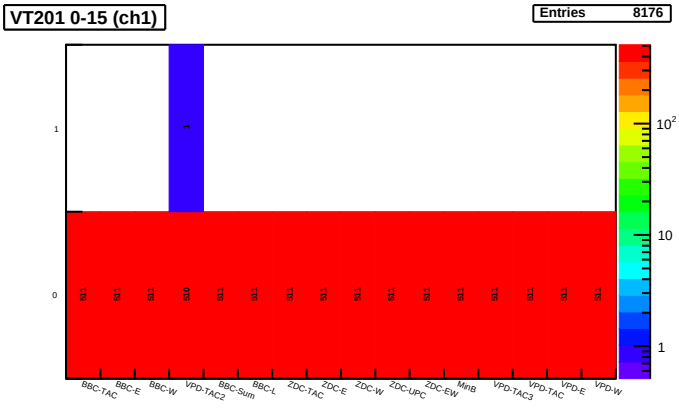

mFP201JPsim_FM103 large north
Entries 4
200
100
0
−100
−200
JP-T
JP-M
JP-B
1
10^{-1}
10^{-2}
10^{-3}

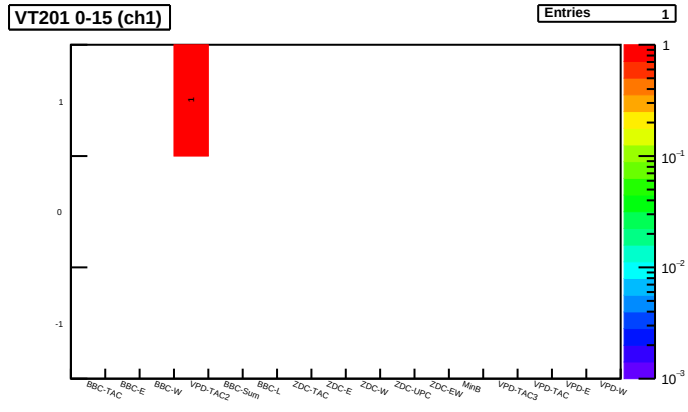

mFP201JP_FM104 large south
Entries 1533
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

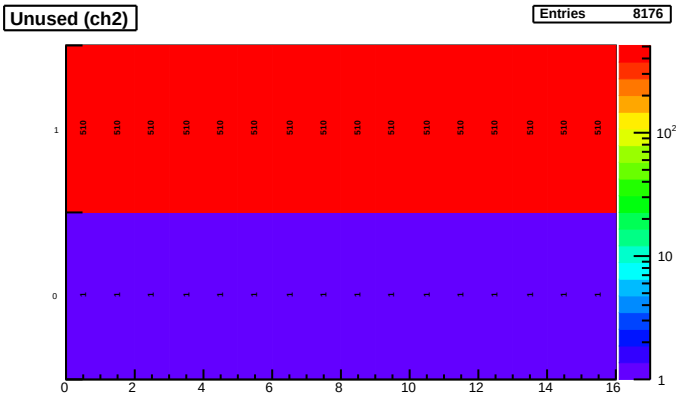

mFP201JPsim_FM104 large south
Entries 1023
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

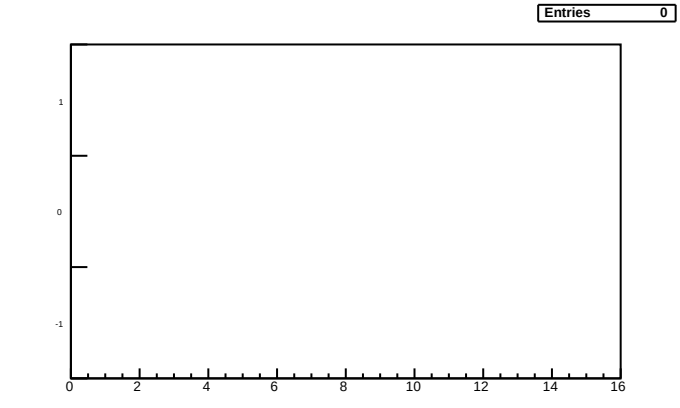

TF201 0-15 (ch0)
Entries 8176
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

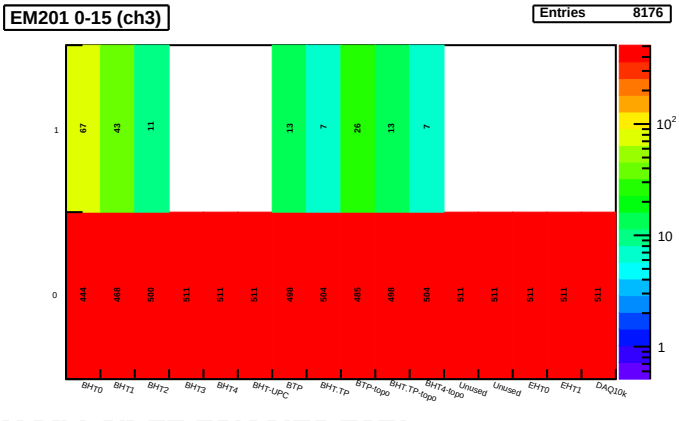

TF201 0-15 (ch0)
Entries 1071
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

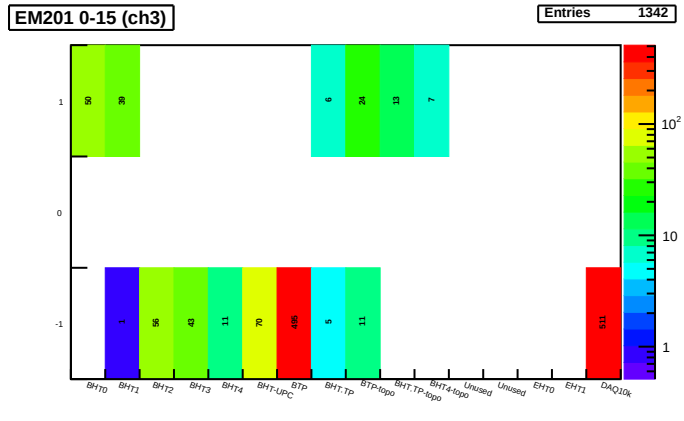

VT201 0-15 (ch1)
Entries 8176
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

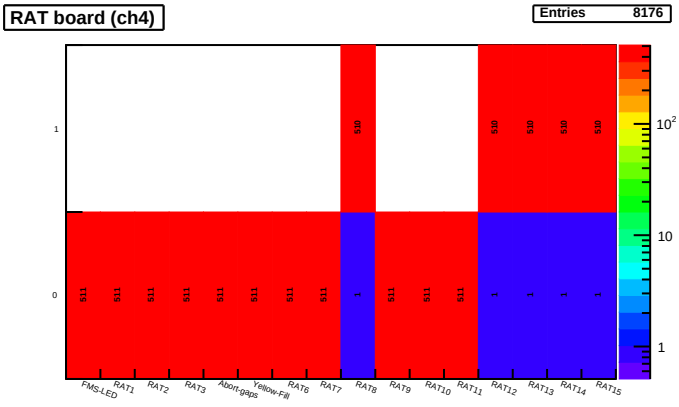

VT201 0-15 (ch1)
Entries 1
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

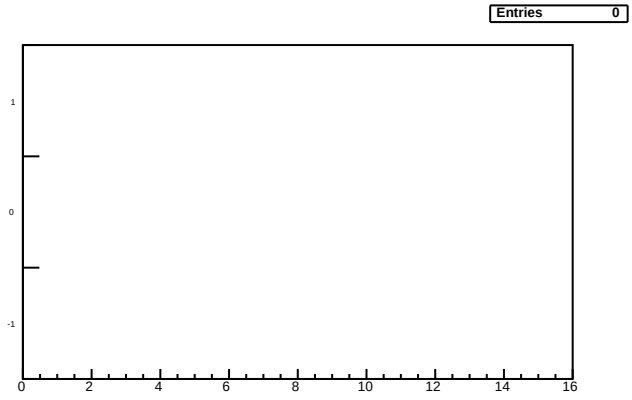

Unused (ch2)
Entries 8176

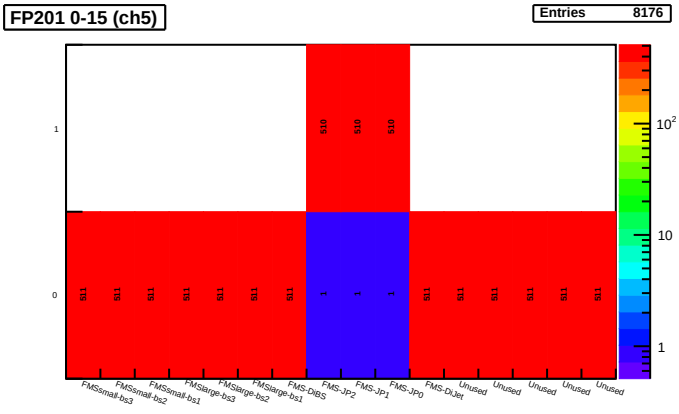

Entries 0

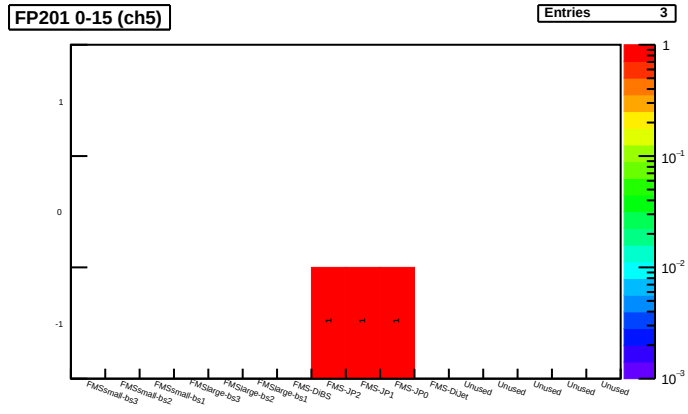

EM201 0-15 (ch3)
Entries 8176
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

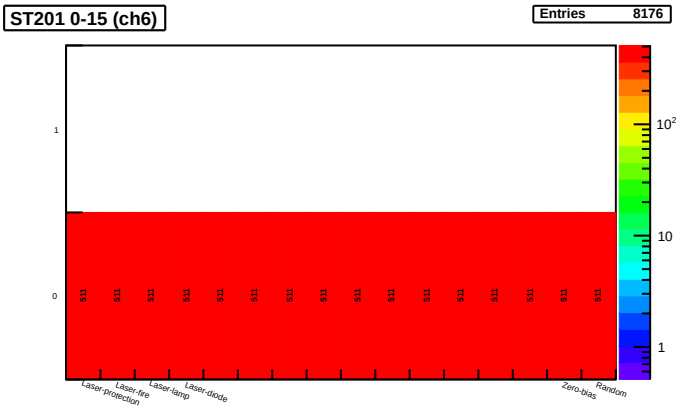

EM201 0-15 (ch3)
Entries 1342
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

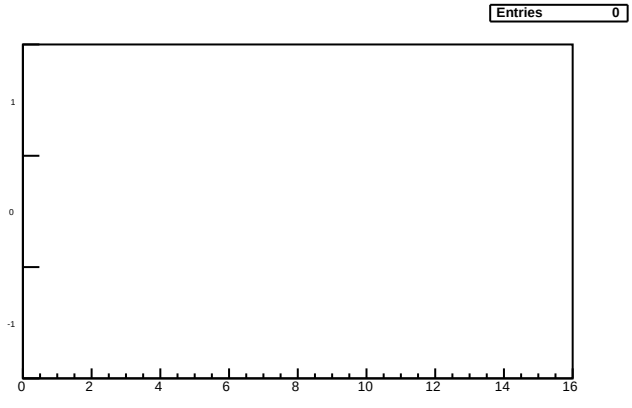

RAT board (ch4)
Entries 8176
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

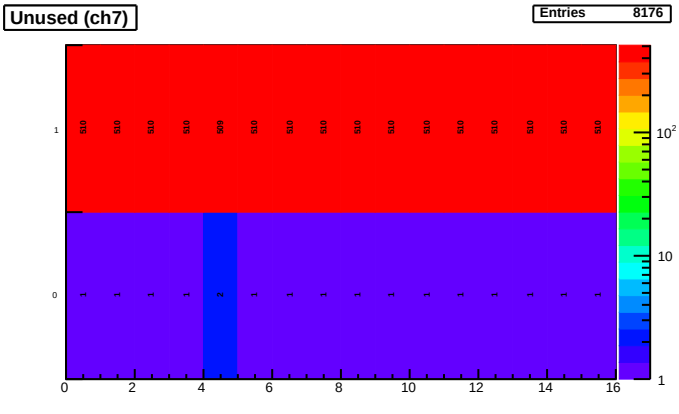

Entries 0

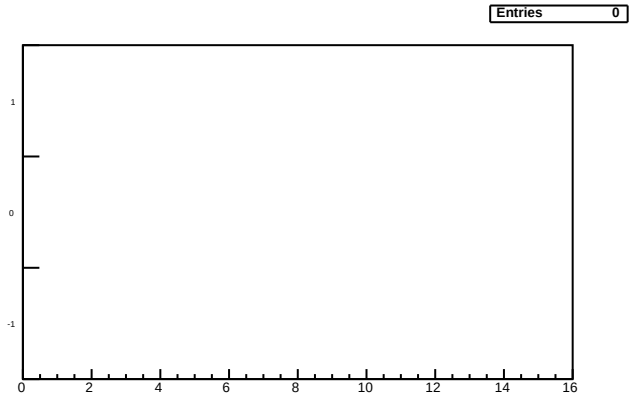

FP201 0-15 (ch5)
Entries 8176
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 3
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


ST201 0-15 (ch6)
Entries 8176
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 8176


Entries 0