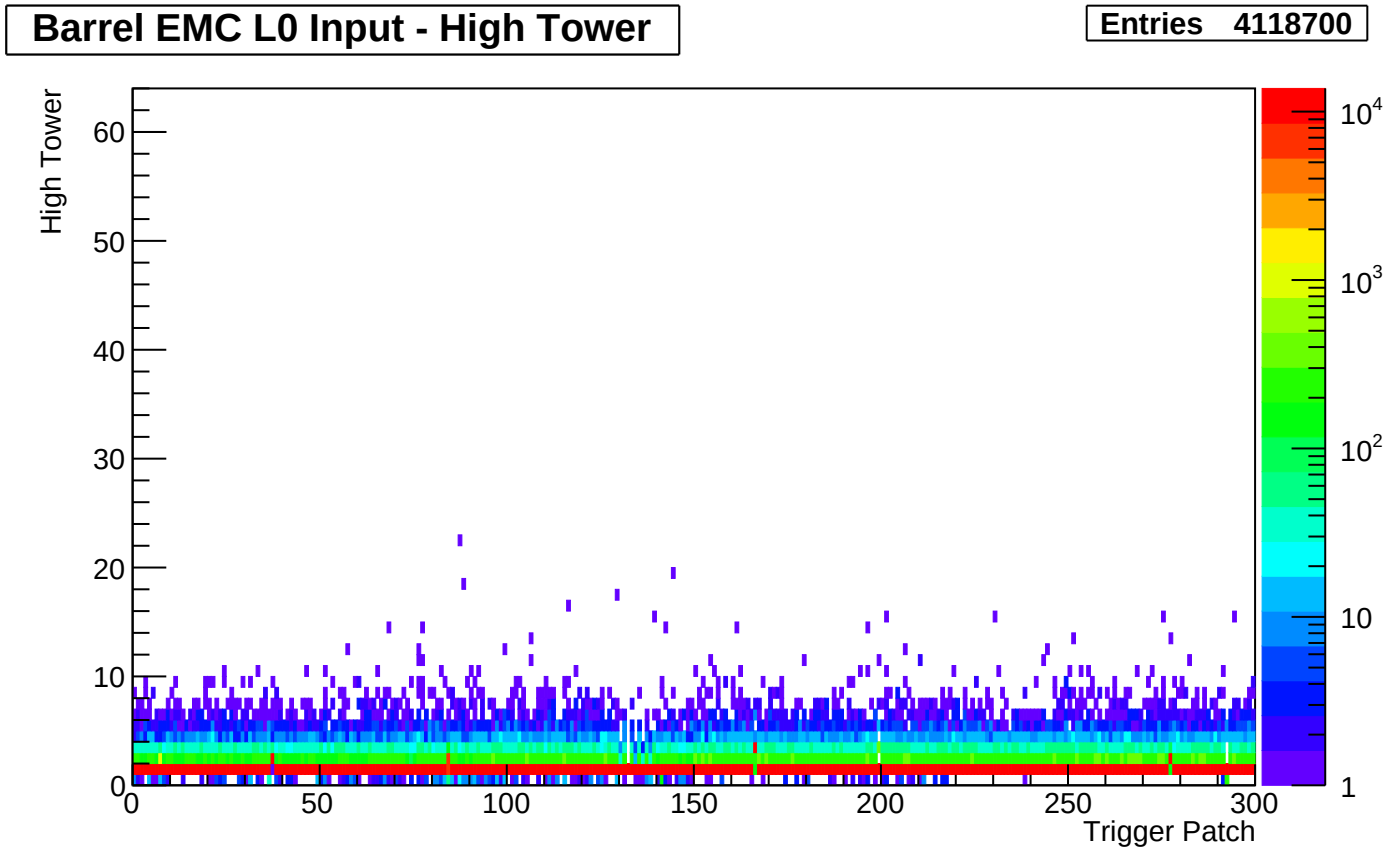
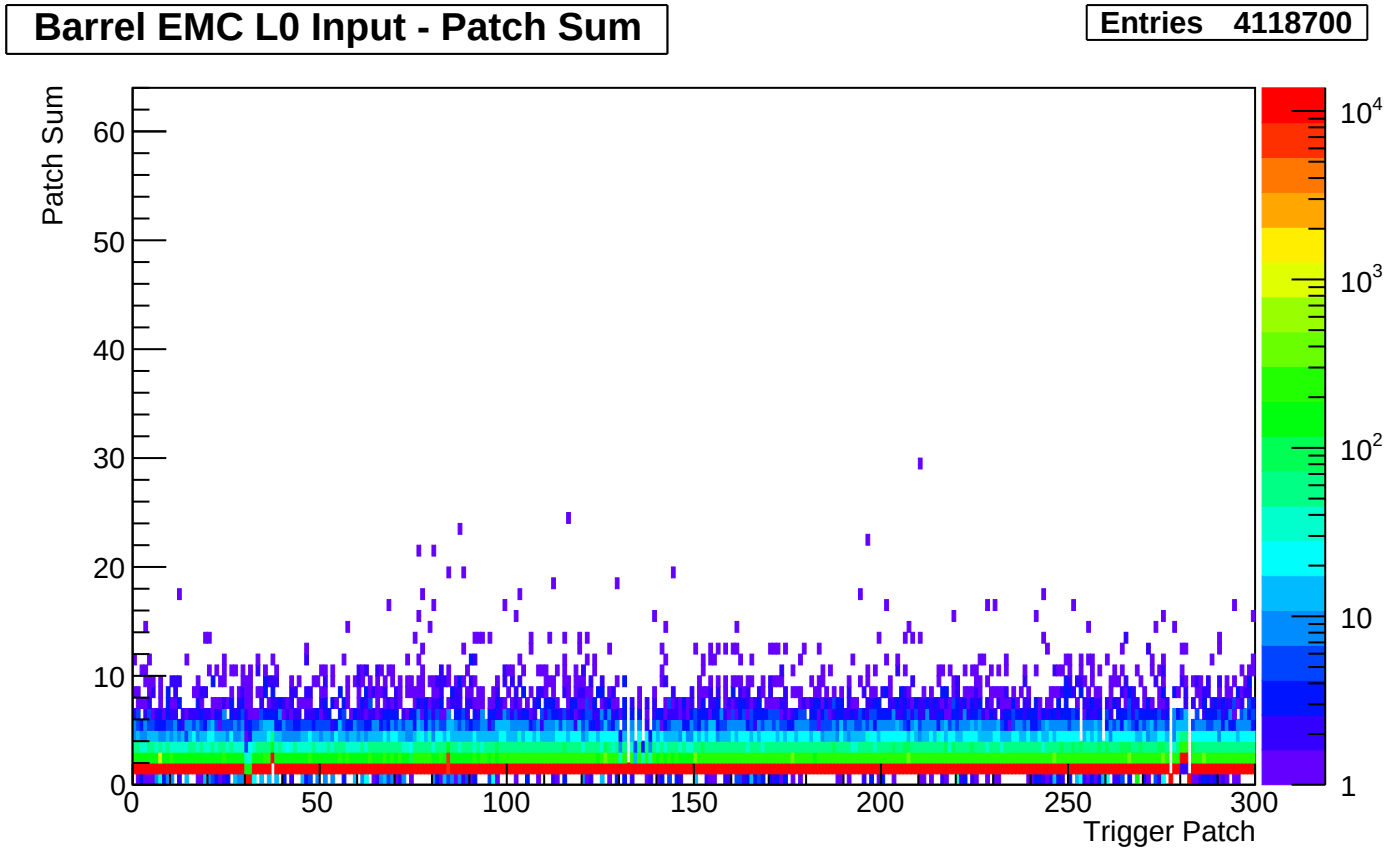
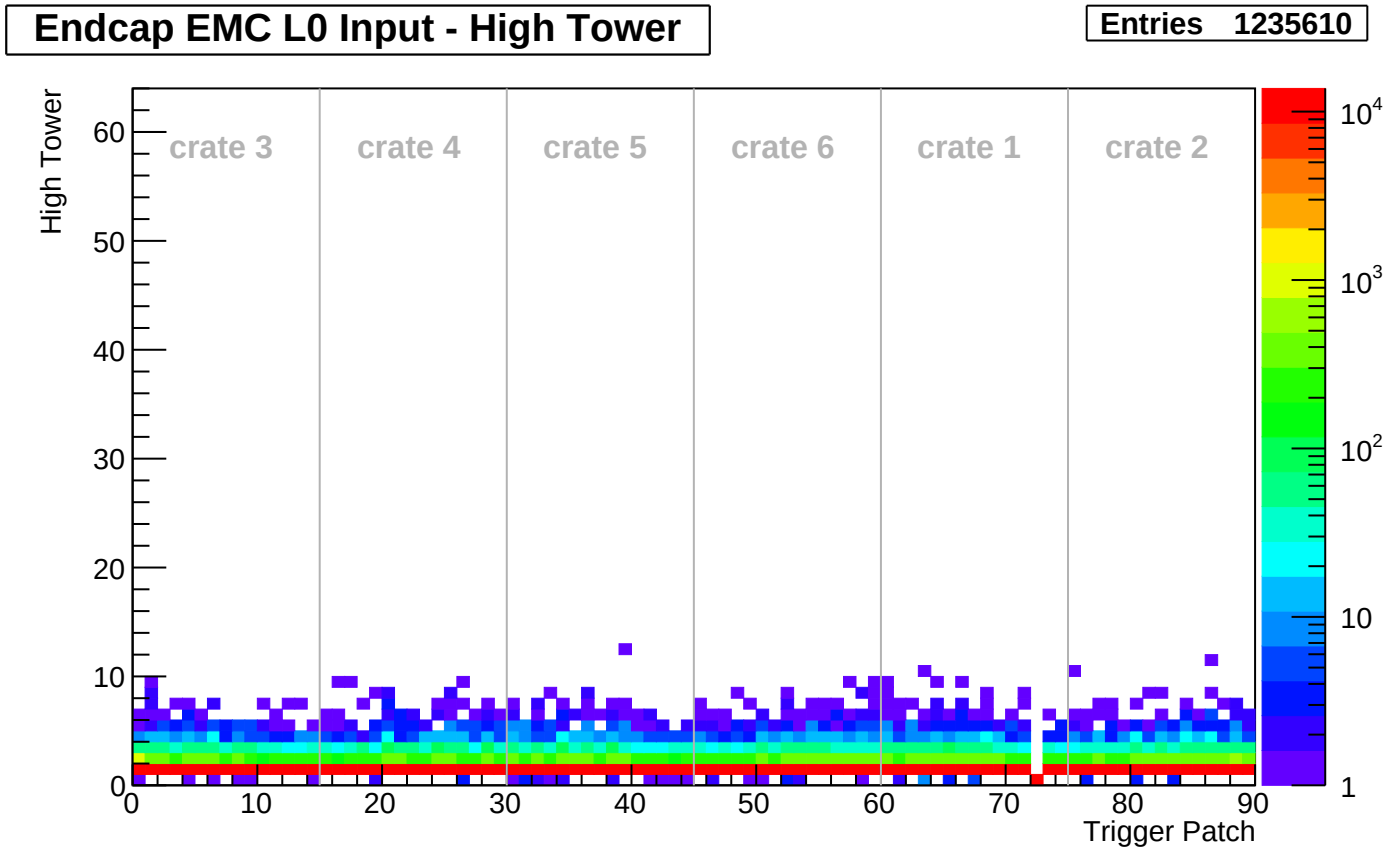
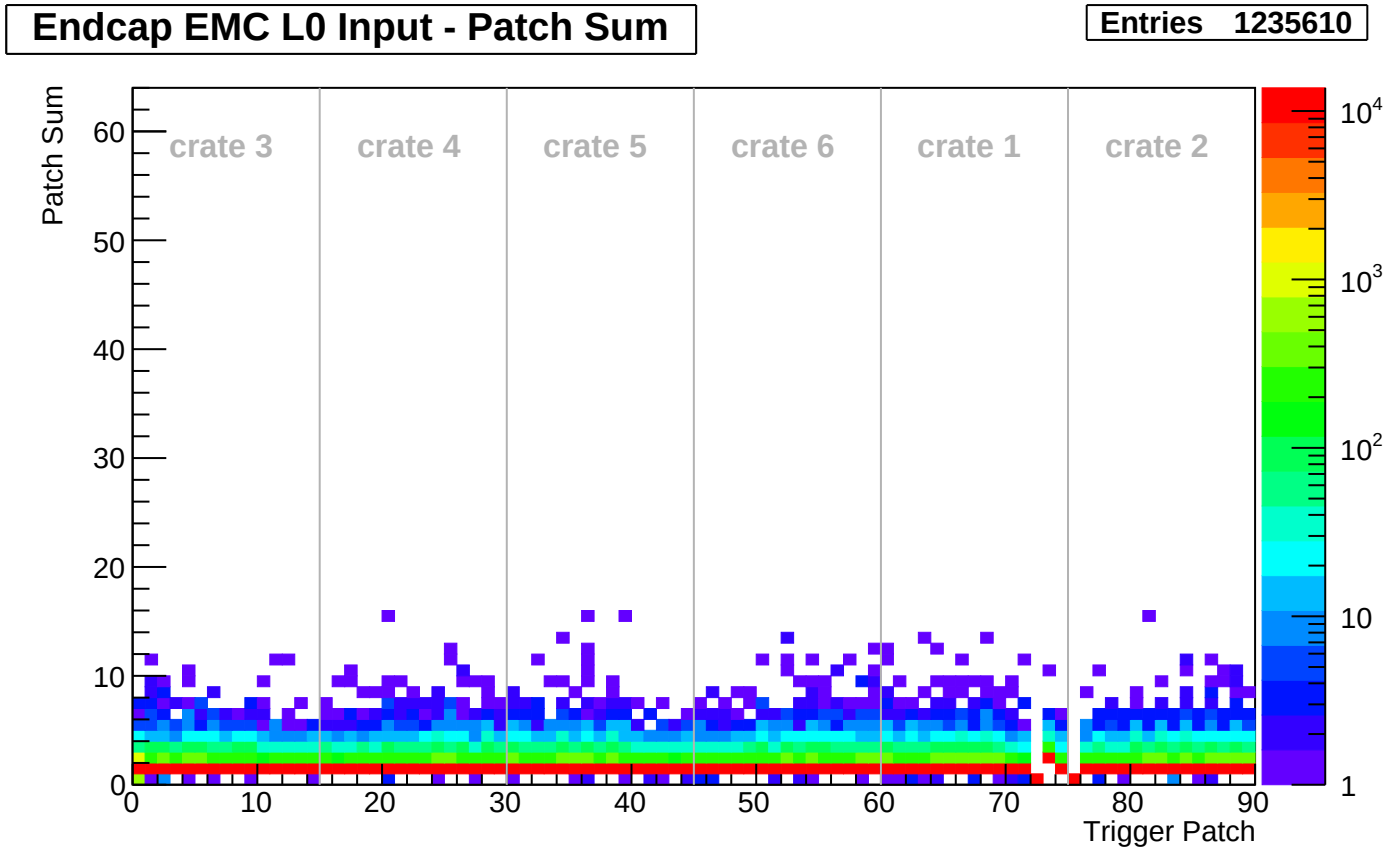
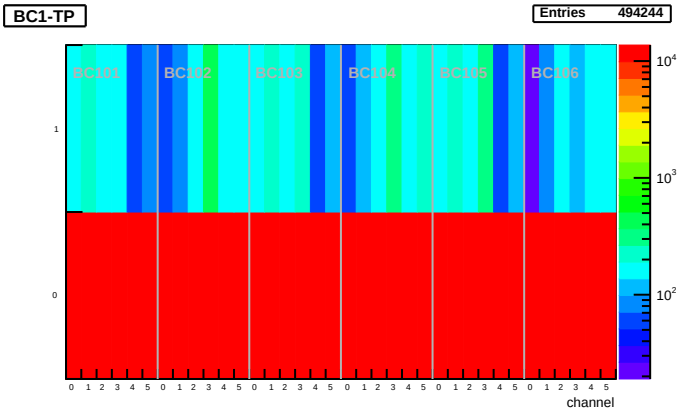
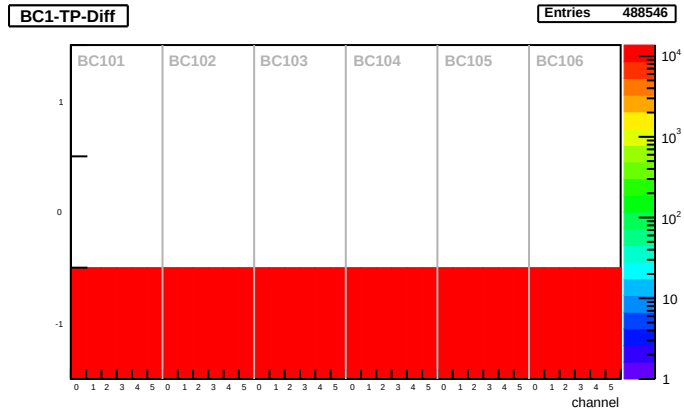

Barrel EMC L0 Input - High Tower
Entries 4118700
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$

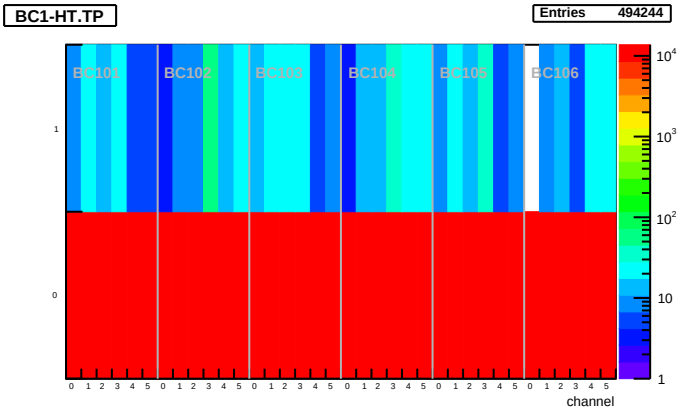

Barrel EMC L0 Input - Patch Sum
Entries 4118700
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$

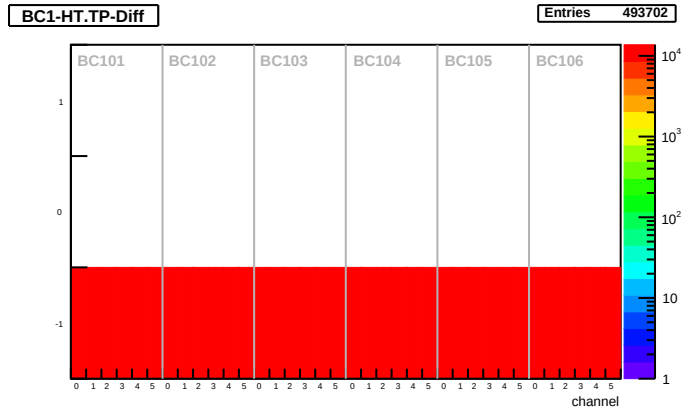

Endcap EMC L0 Input - High Tower
Entries 1235610
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

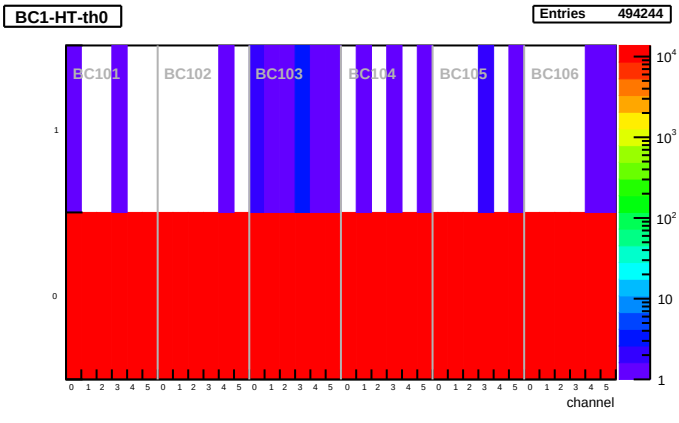

Endcap EMC L0 Input - Patch Sum
Entries 1235610
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

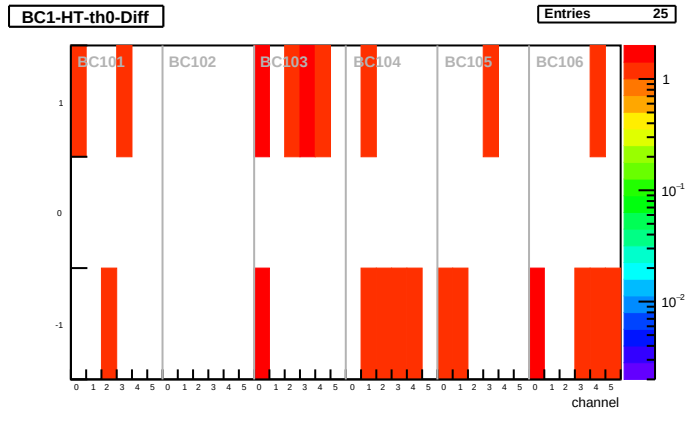

BC1-TP
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

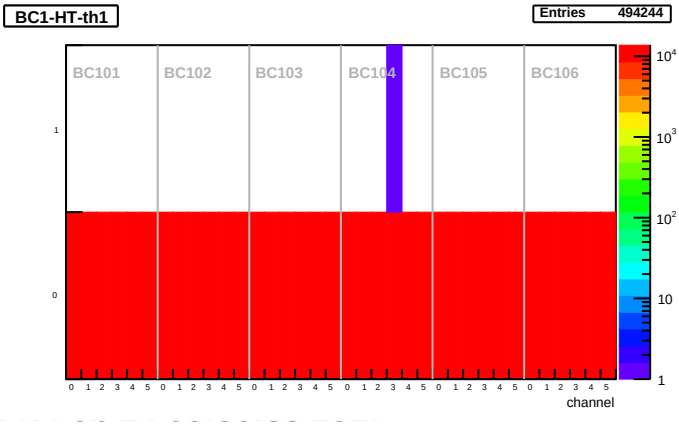

BC1-TP-Diff
Entries 488546
BC101
BC102
BC103
BC104
BC105
BC106
channel

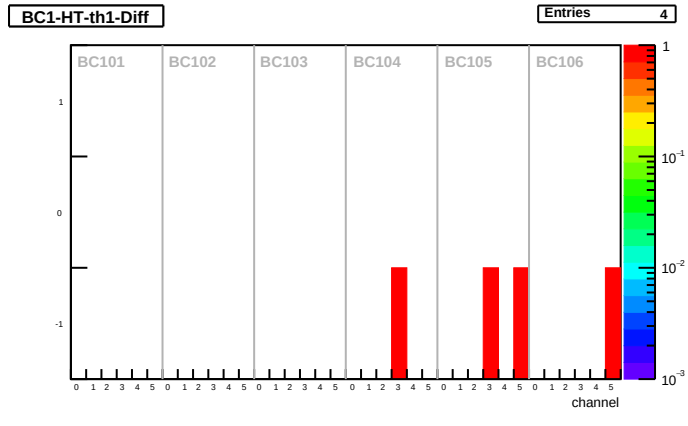

BC1-HT.TP
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

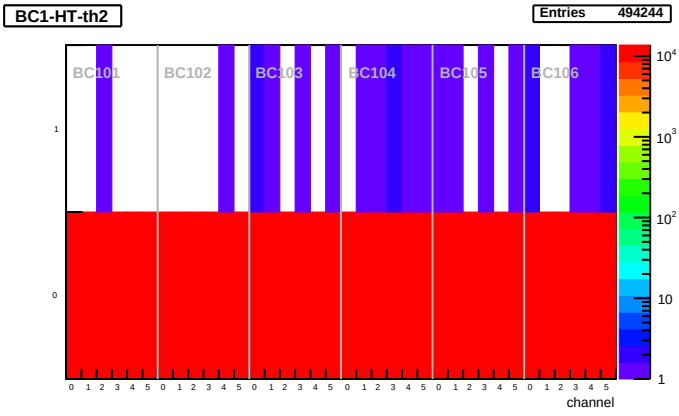

BC1-HT.TP-Diff
Entries 493702
BC101
BC102
BC103
BC104
BC105
BC106
channel

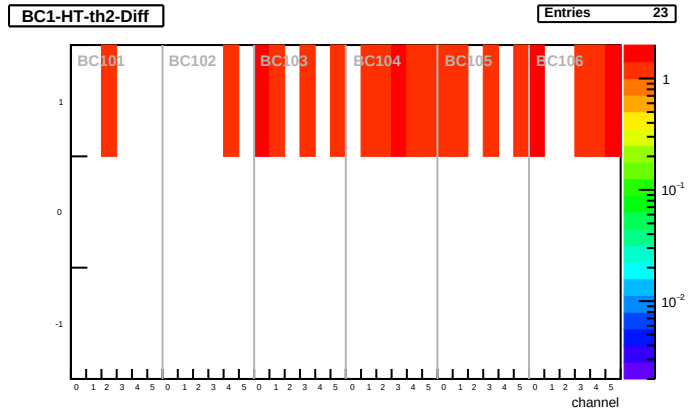

BC1-HT-th0
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

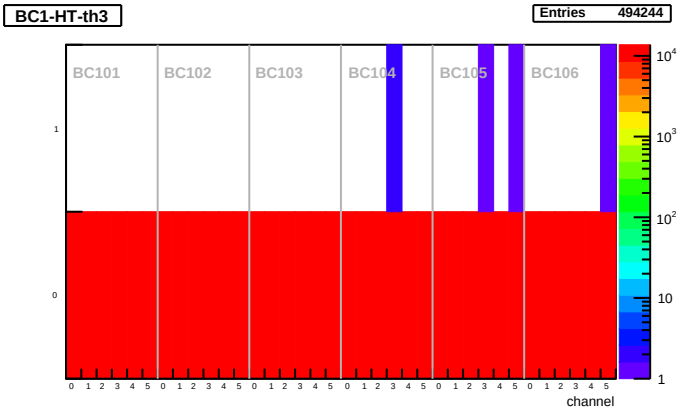

BC1-HT-th0-Diff
Entries 25
BC101
BC102
BC103
BC104
BC105
BC106
channel

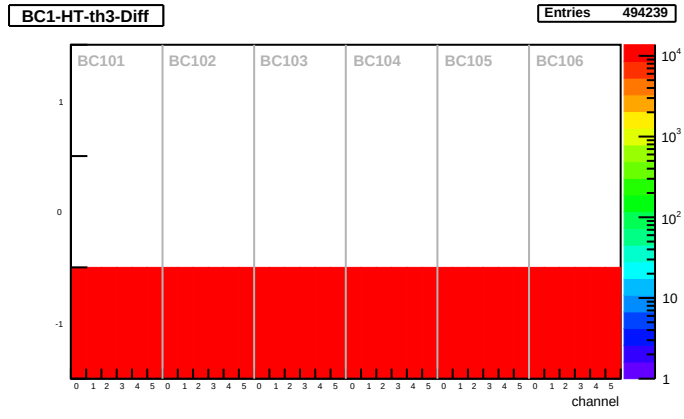

BC1-HT-th1
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

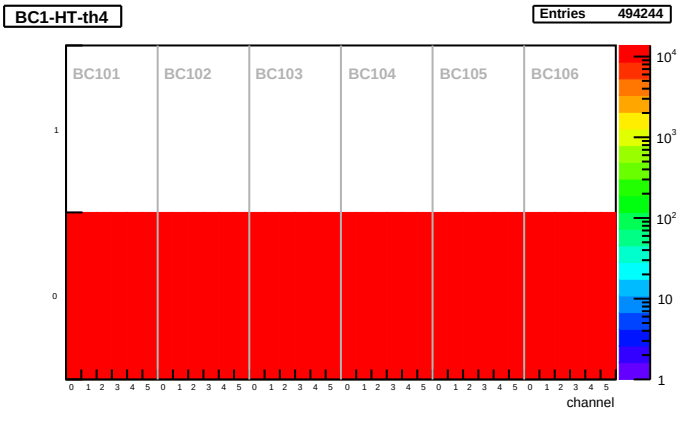

BC1-HT-th1-Diff
Entries 4
BC101
BC102
BC103
BC104
BC105
BC106
channel

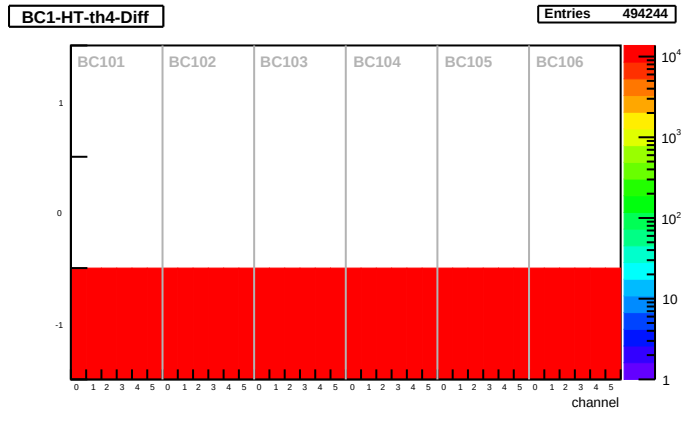

BC1-HT-th2
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

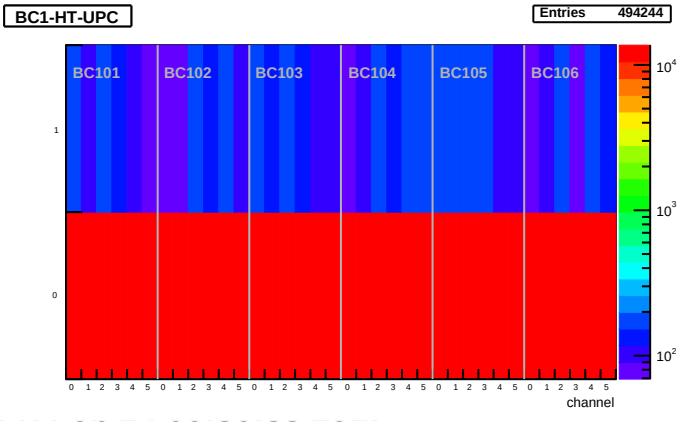

BC1-HT-th2-Diff
Entries 23
BC101
BC102
BC103
BC104
BC105
BC106
channel

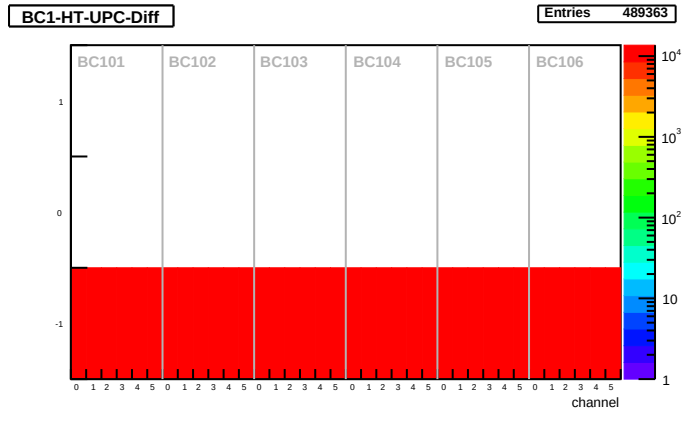

BC1-HT-th3
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

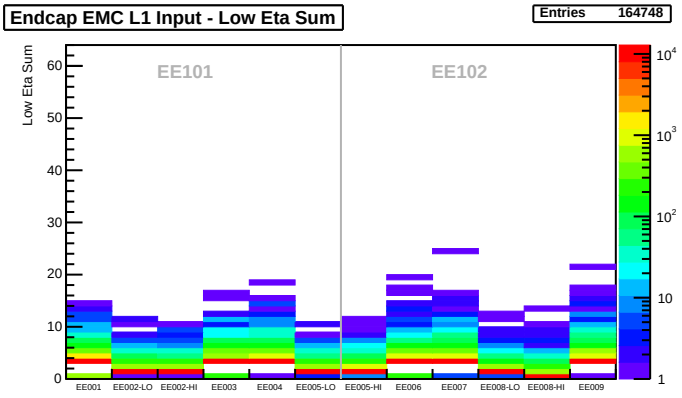

BC1-HT-th3-Diff
Entries 494239
BC101
BC102
BC103
BC104
BC105
BC106
channel

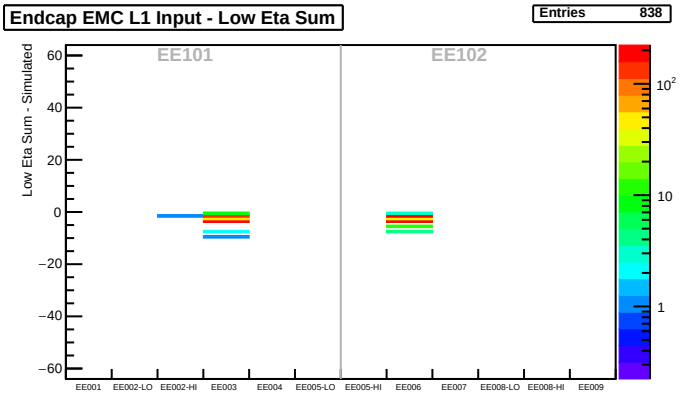

BC1-HT-th4
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

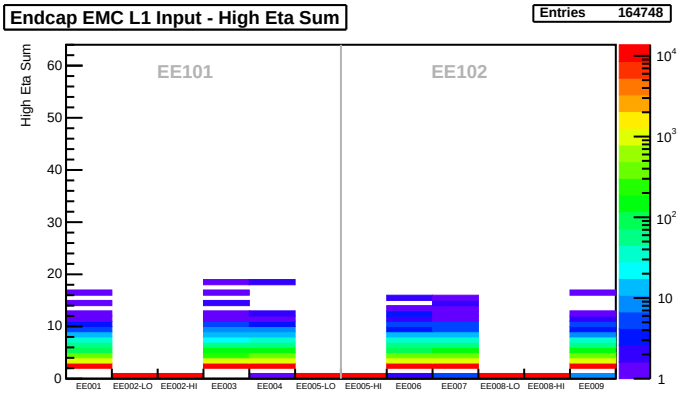

BC1-HT-th4-Diff
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

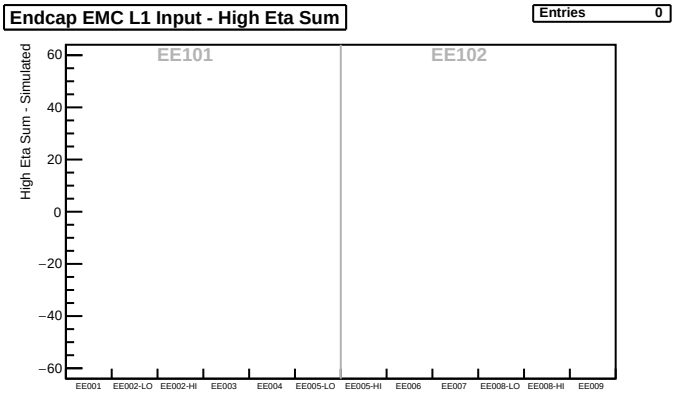

BC1-HT-UPC
Entries 494244
BC101
BC102
BC103
BC104
BC105
BC106
channel

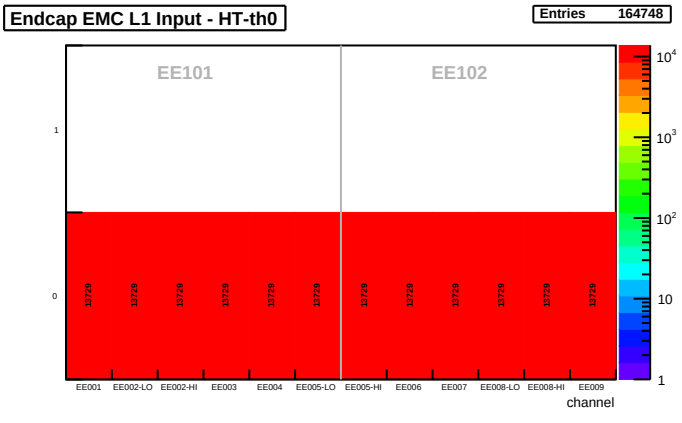

BC1-HT-UPC-Diff
Entries 489363
BC101
BC102
BC103
BC104
BC105
BC106
channel

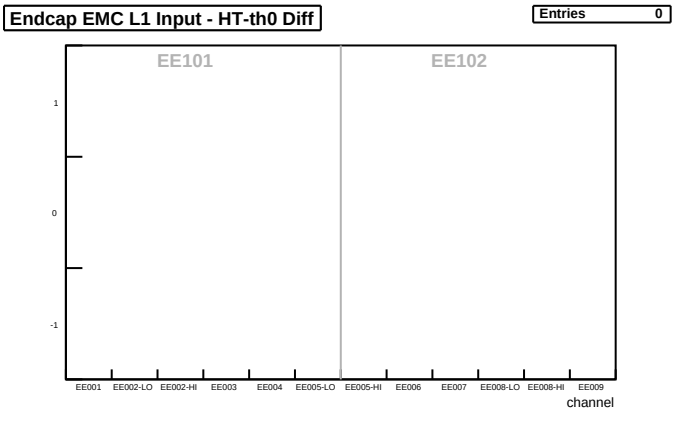

Endcap EMC L1 Input - Low Eta Sum
Entries 164748
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

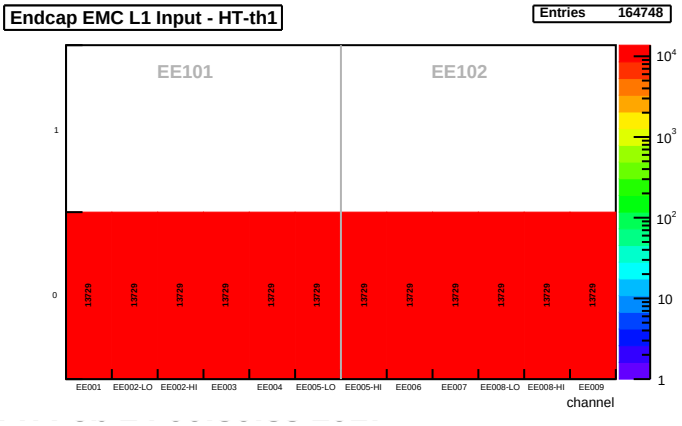

Endcap EMC L1 Input - Low Eta Sum
Entries 838
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

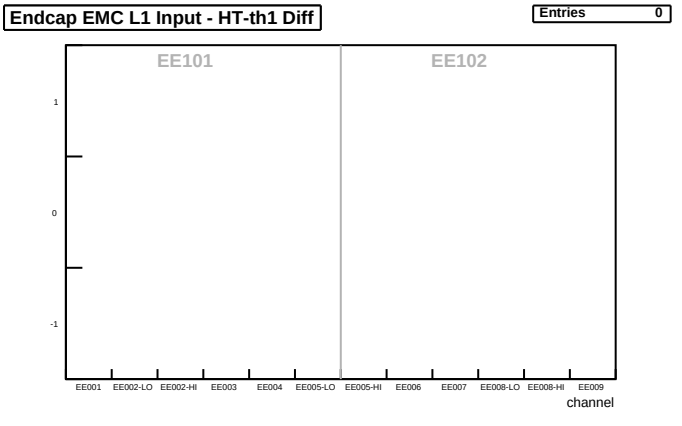

Endcap EMC L1 Input - High Eta Sum
Entries 164748
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

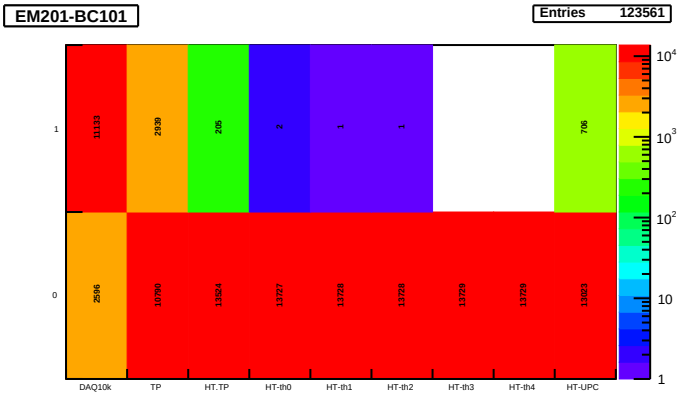

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

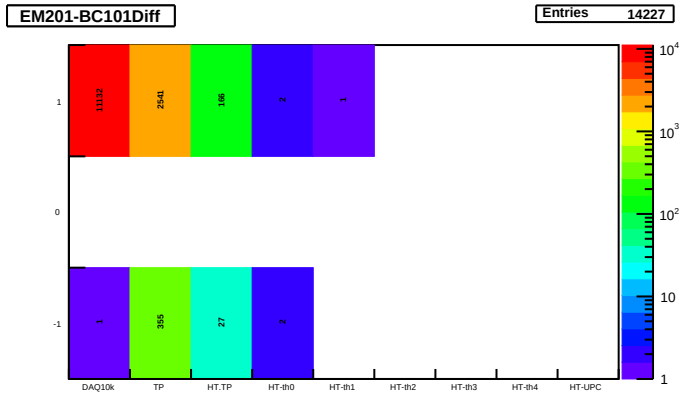

Endcap EMC L1 Input - HT-th0
Entries 164748
EE101
EE102
13729
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

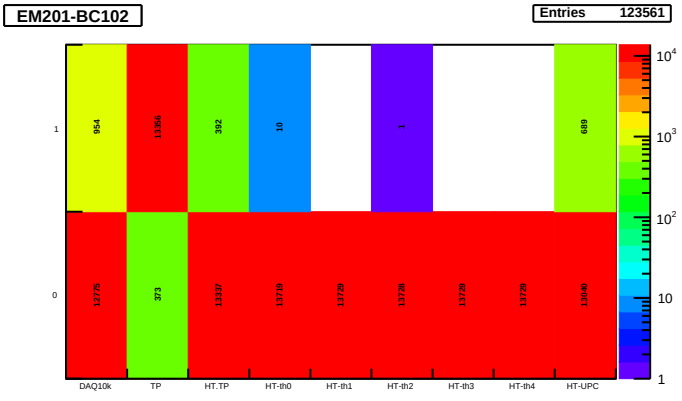

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

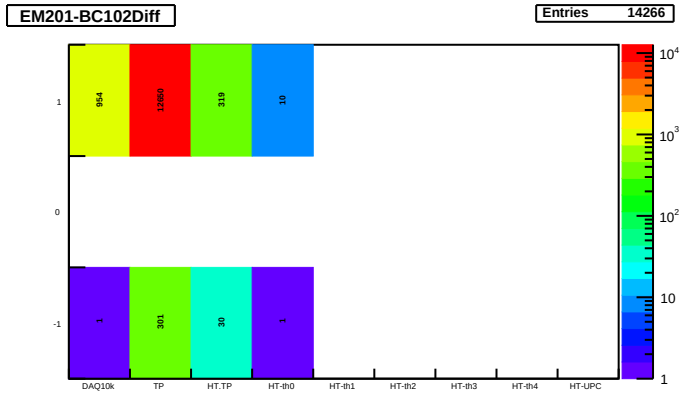

Endcap EMC L1 Input - HT-th1
Entries 164748
EE101
EE102
13729
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

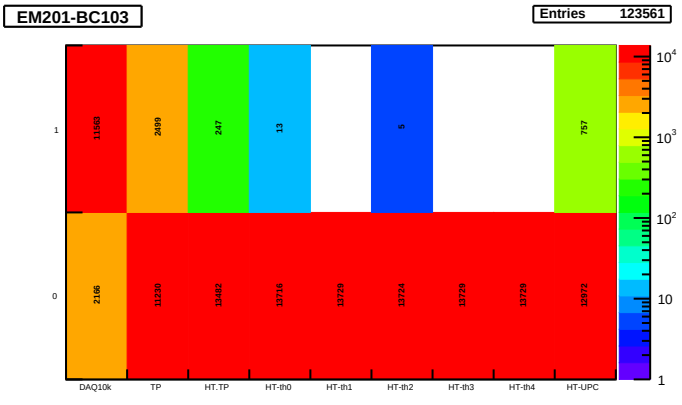

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

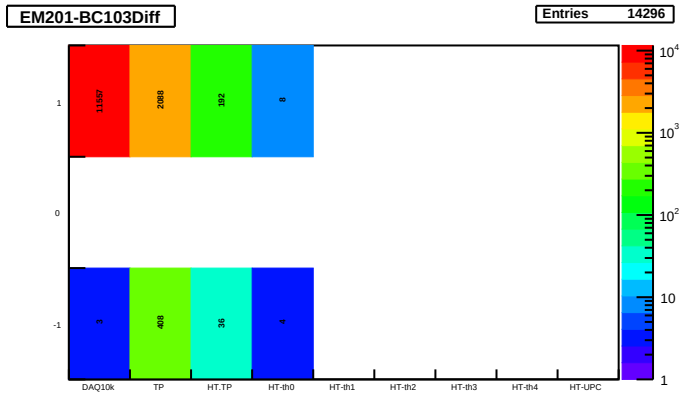

EM201-BC101
Entries 123561
1
0
11133
2939
205
2
1
1
706
2596
10760
13324
13727
13728
13728
13729
13729
13023
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

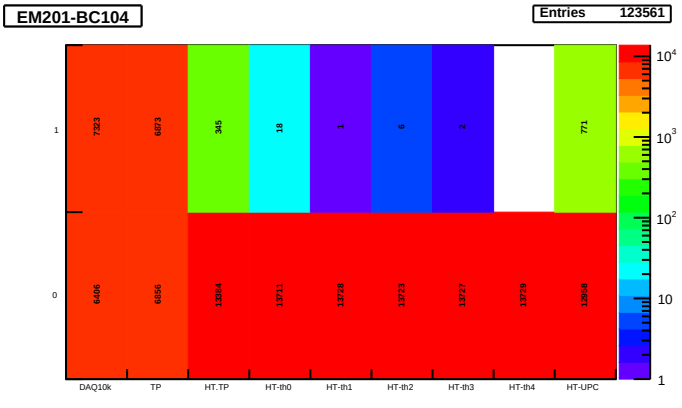

EM201-BC101Diff
Entries 14227
1
0
-1
11132
2541
166
2
1
1
355
27
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

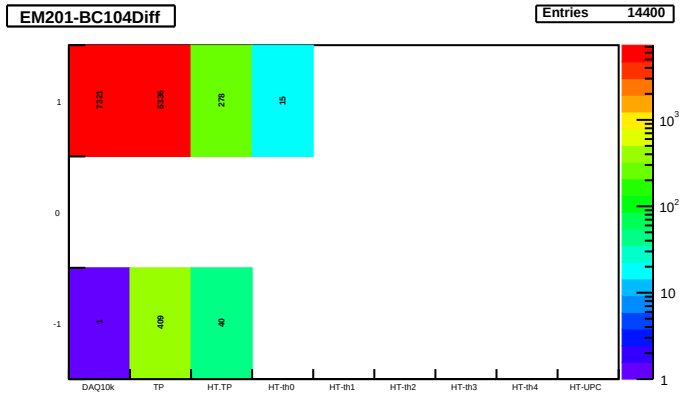

EM201-BC102
Entries 123561
1
0
954
13356
392
10
1
689
12775
373
13337
13719
13729
13728
13729
13729
13040
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

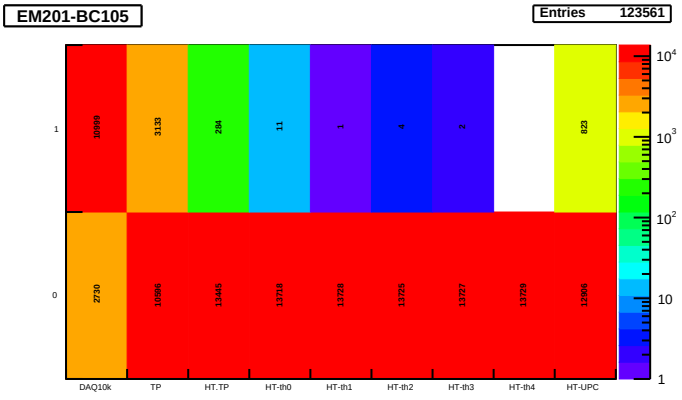

EM201-BC102Diff
Entries 14266
1
0
-1
954
12650
319
10
1
301
30
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

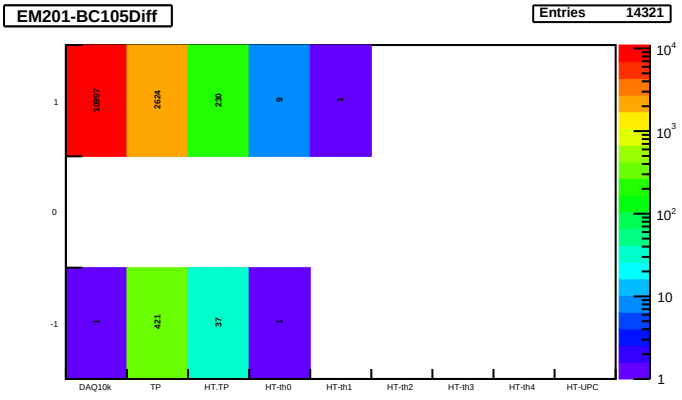

EM201-BC103
Entries 123561
1
0
11583
2499
247
13
5
757
2166
11230
13482
13716
13729
13724
13729
13729
12972
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

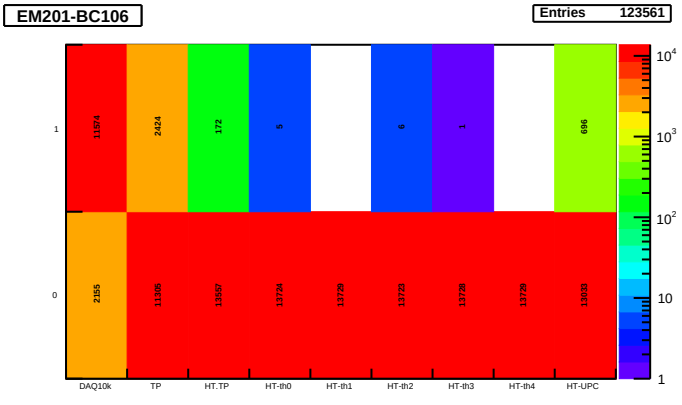

EM201-BC103Diff
Entries 14296
1
0
-1
11557
2088
192
8
3
408
36
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

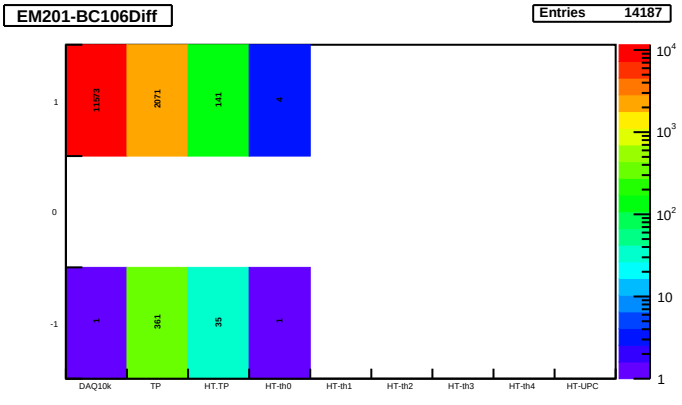

EM201-BC104
Entries 123561
1
0
7323
6873
345
18
1
6
2
771
6406
6856
13394
13711
13728
13723
13727
13729
12958
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

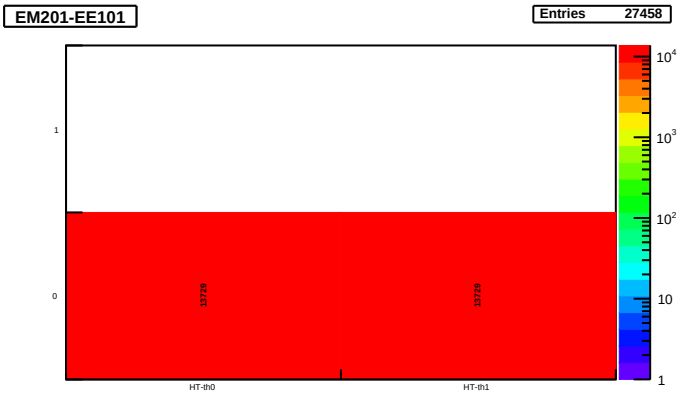

EM201-BC104Diff
Entries 14400
1
0
-1
7321
6336
278
15
1
409
40
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

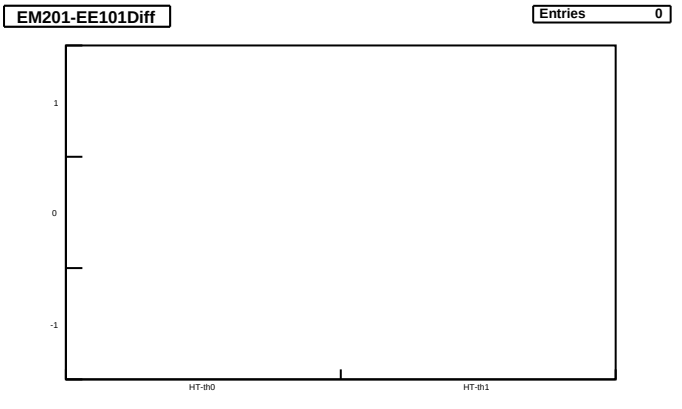

EM201-BC105
Entries 123561
1
0
10999
3133
294
11
1
4
2
823
2730
10986
13445
13718
13728
13725
13727
13729
12906
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

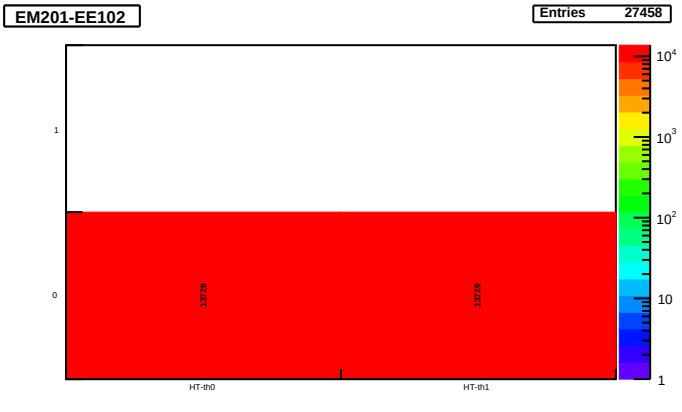

EM201-BC105Diff
Entries 14321
1
0
-1
10997
2634
230
9
1
1
421
37
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

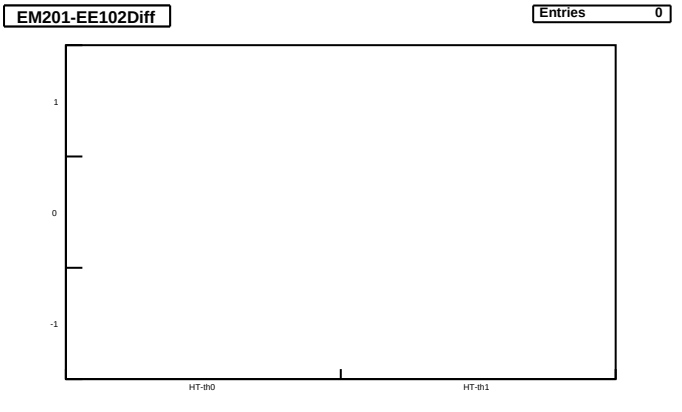

EM201-BC106
Entries 123561
1
0
11574
2424
172
5
6
1
696
2155
11305
13557
13724
13729
13723
13728
13729
13033
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

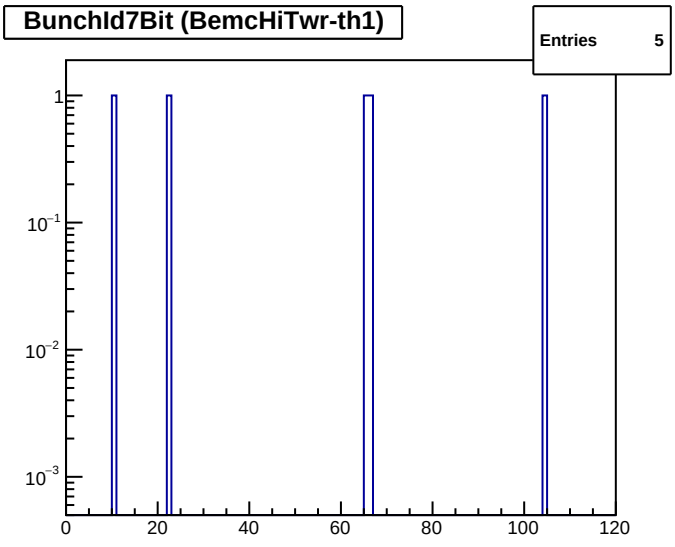

EM201-BC106Diff
Entries 14187
1
0
-1
11573
2071
141
4
1
361
35
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

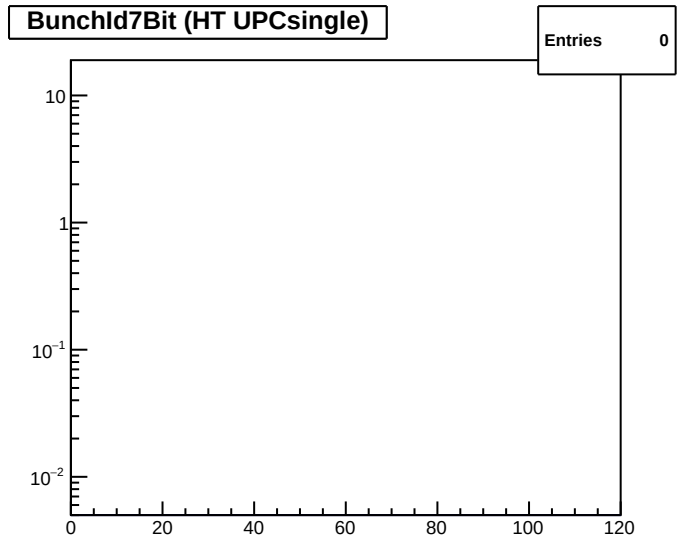

EM201-EE101
Entries 27458
1
0
13729
13729
HT-th0
HT-th1
$10^4$
$10^3$
$10^2$
10
1

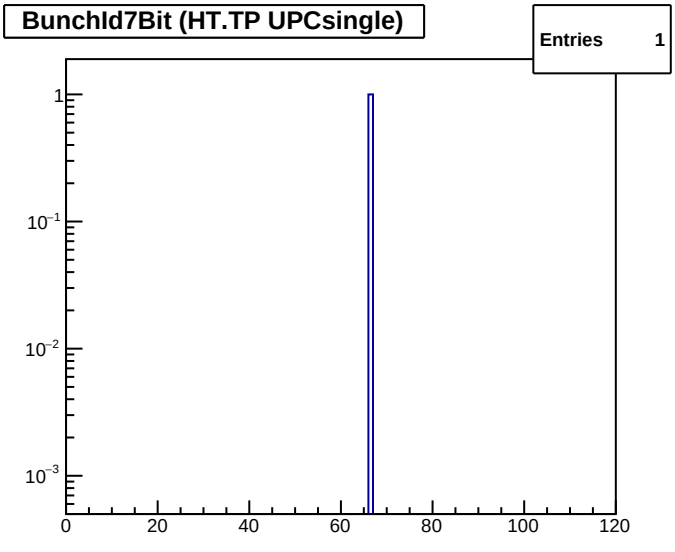

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

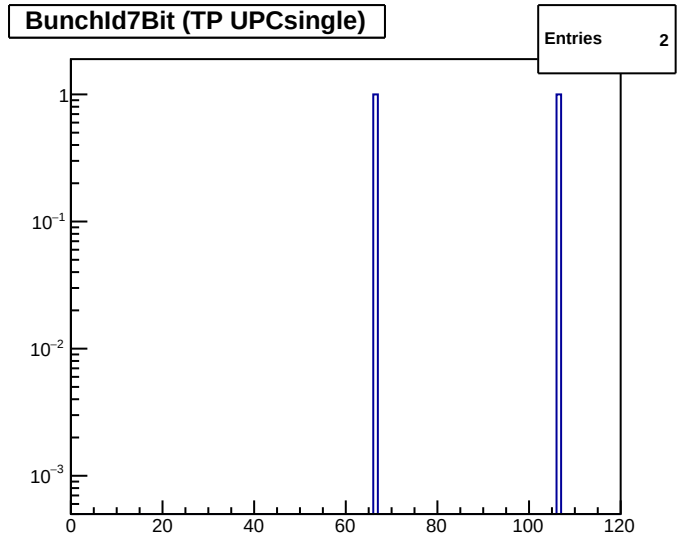

EM201-EE102
Entries 27458
1
0
13729
13729
HT-th0
HT-th1
$10^4$
$10^3$
$10^2$
10
1

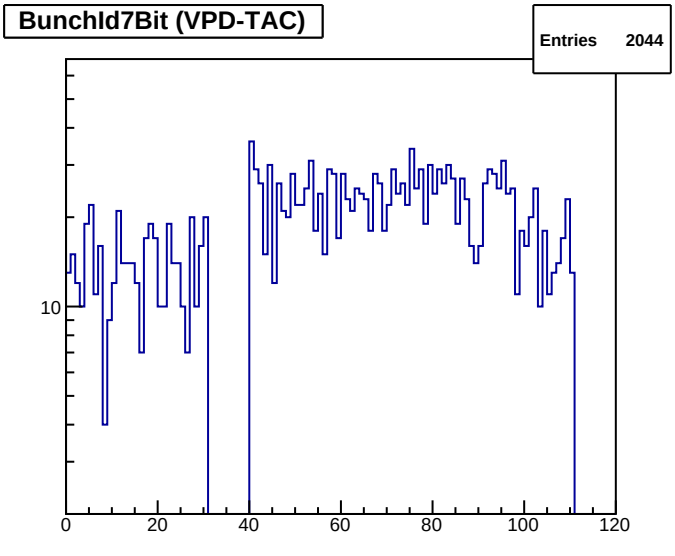

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

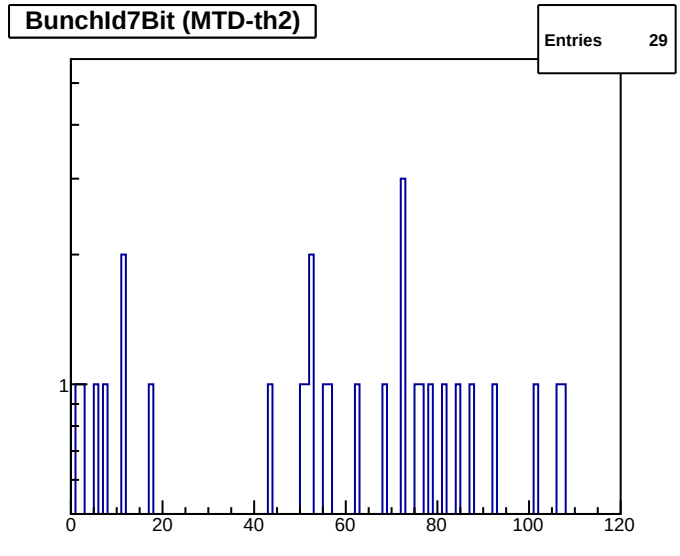

BunchId7Bit (BemcHiTwr-th1)
Entries 5
1
$10^{-1}$
$10^{-2}$
$10^{-3}$
0 20 40 60 80 100 120

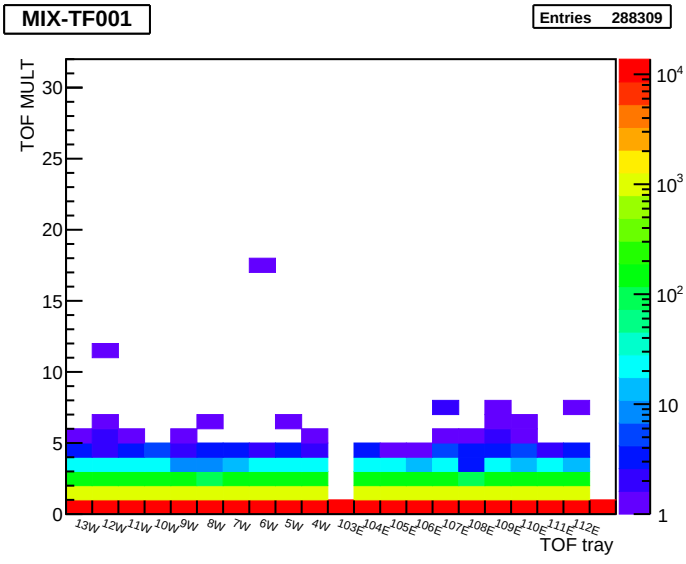

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
$10^{-1}$
$10^{-2}$
0 20 40 60 80 100 120

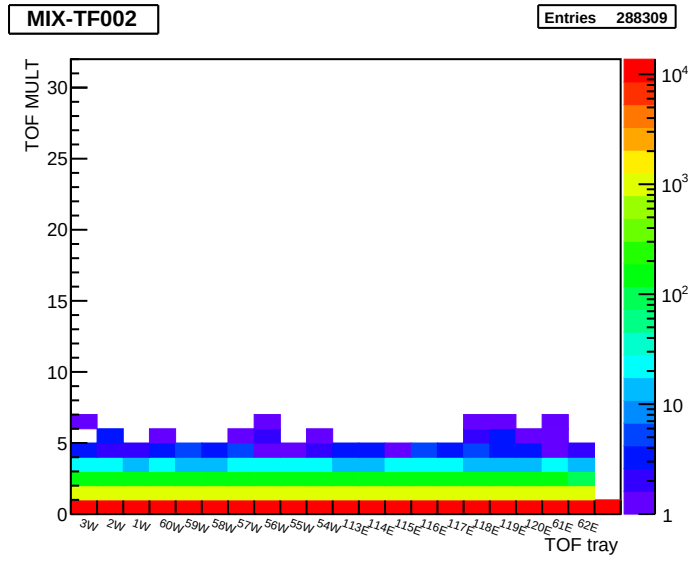

BunchId7Bit (HT.TP UPCsingle)
Entries 1
1
$10^{-1}$
$10^{-2}$
$10^{-3}$
0 20 40 60 80 100 120

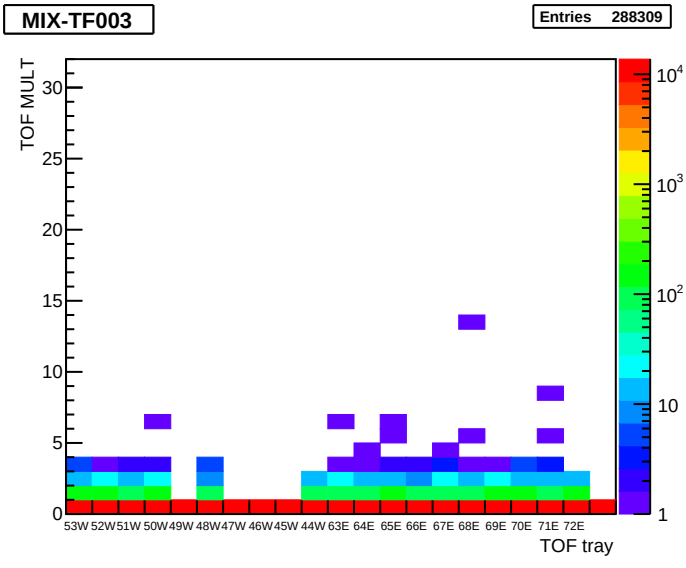

BunchId7Bit (TP UPCsingle)
Entries 2
1
$10^{-1}$
$10^{-2}$
$10^{-3}$
0 20 40 60 80 100 120

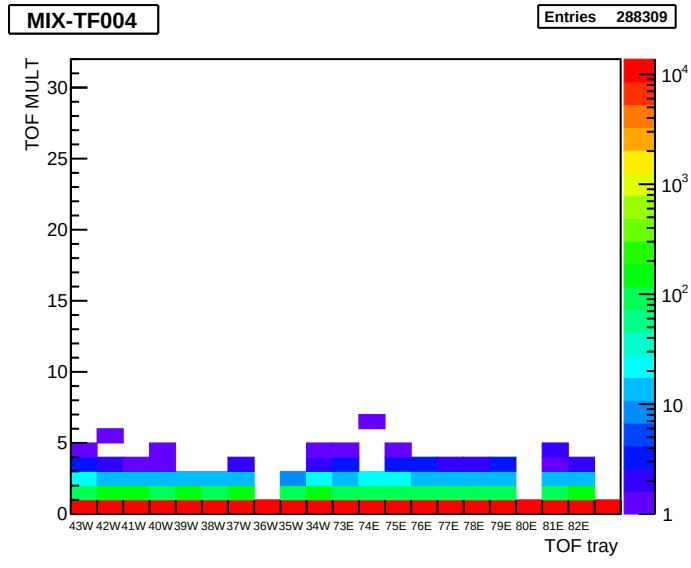

BunchId7Bit (VPD-TAC)
Entries 2044
10
0 20 40 60 80 100 120

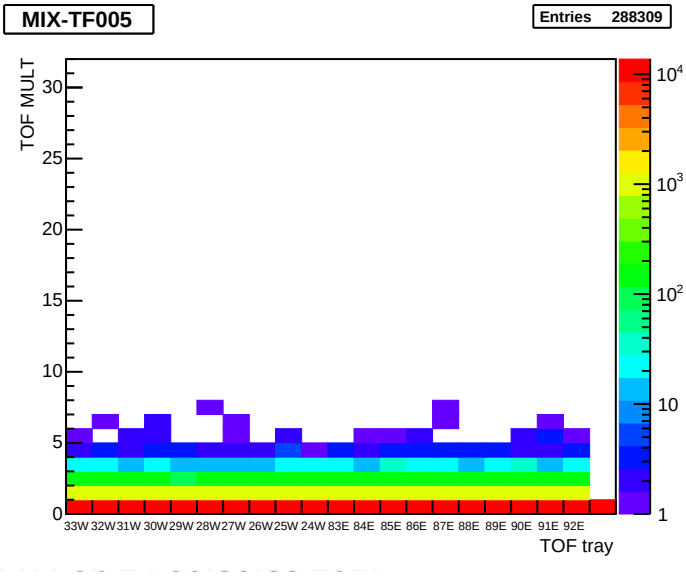

BunchId7Bit (MTD-th2)
Entries 29
1
0 20 40 60 80 100 120

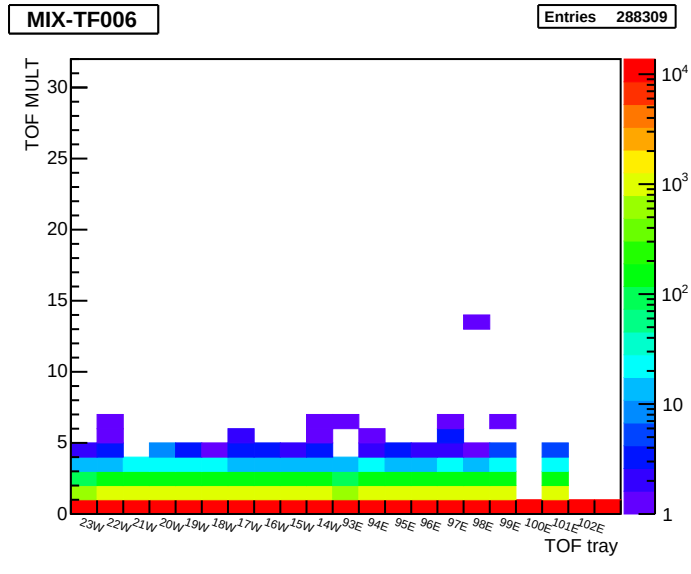

MIX-TF001
Entries 288309
TOF MULT
TOF tray

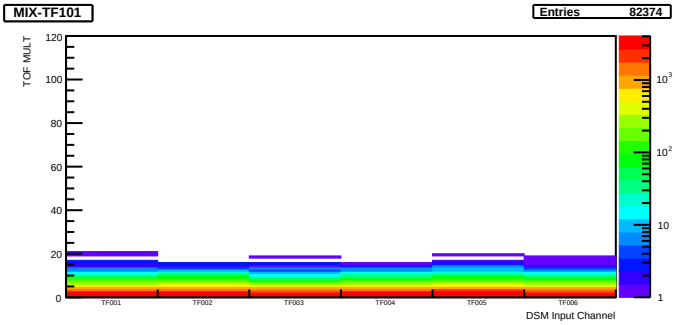

MIX-TF002
Entries 288309
TOF MULT
TOF tray

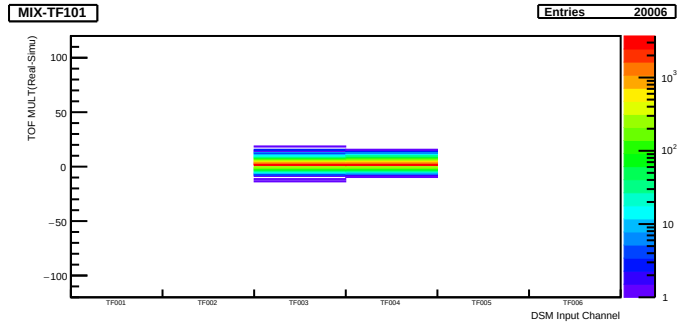

MIX-TF003
Entries 288309
TOF MULT
TOF tray

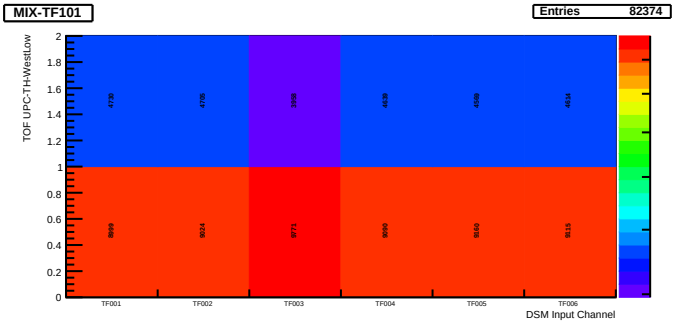

MIX-TF004
Entries 288309
TOF MULT
TOF tray

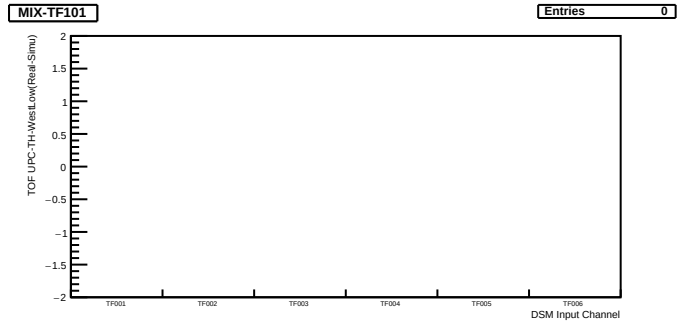

MIX-TF005
Entries 288309
TOF MULT
TOF tray

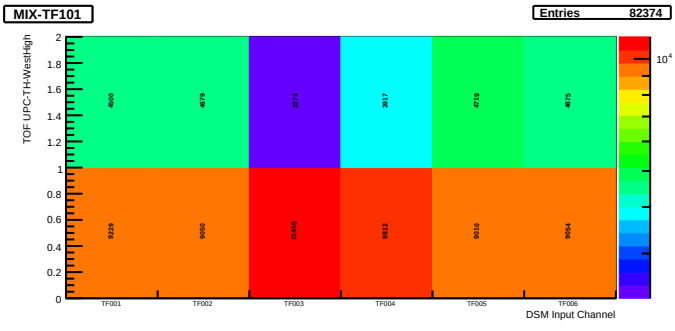

MIX-TF006
Entries 288309
TOF MULT
TOF tray

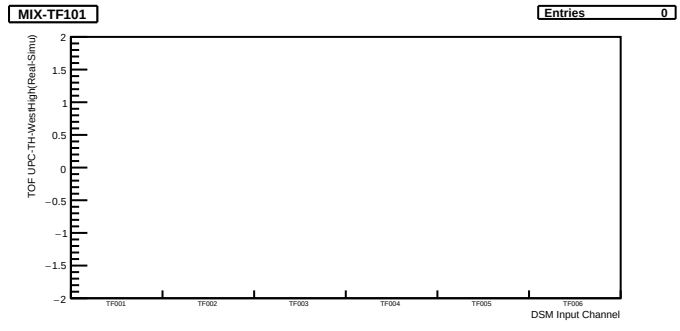

MIX-TF101
Entries 82374
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

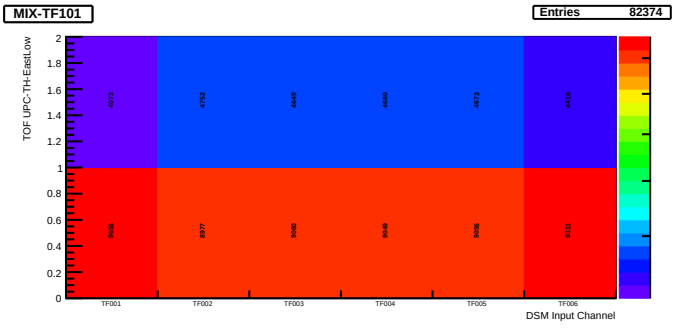

MIX-TF101
Entries 20006
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

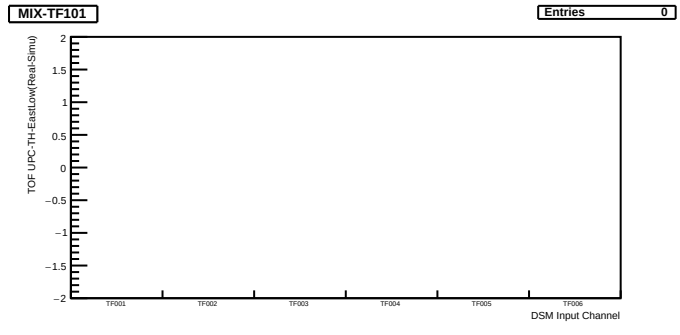

MIX-TF101
Entries 82374
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

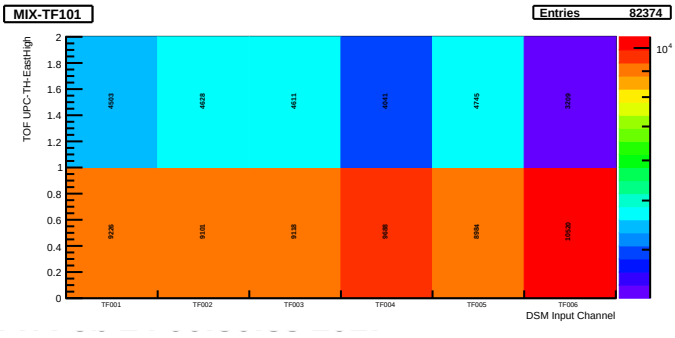

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

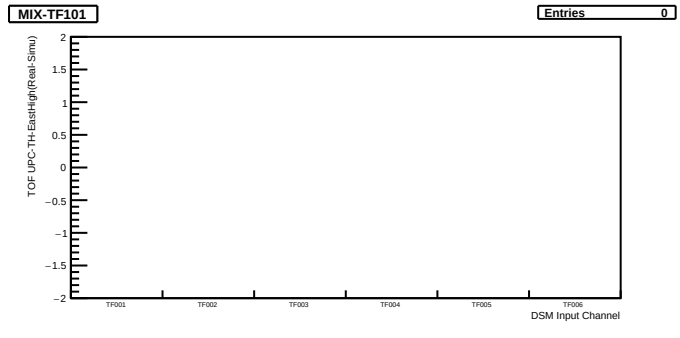

MIX-TF101
Entries 82374
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

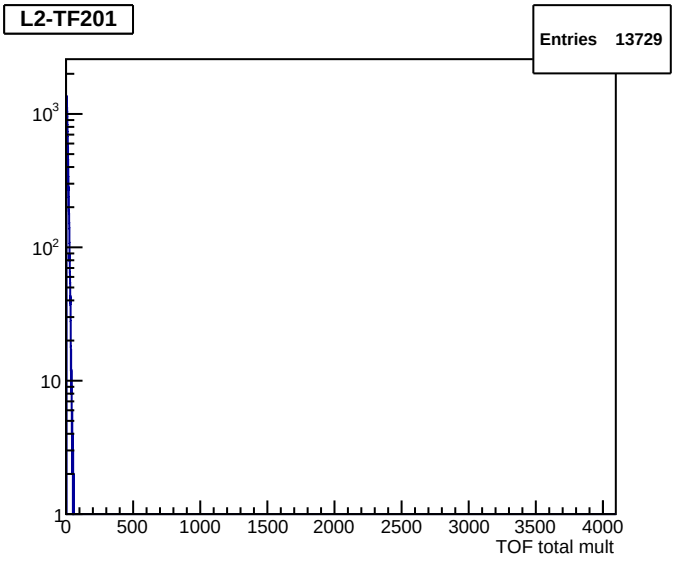

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

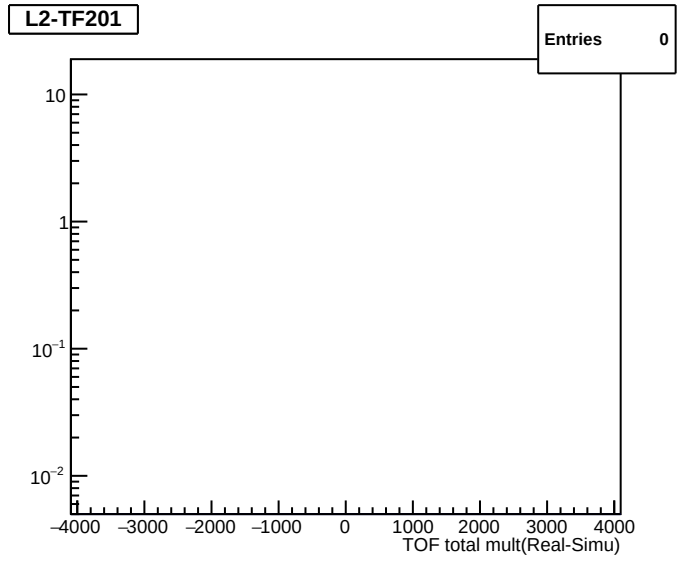

MIX-TF101
Entries 82374
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

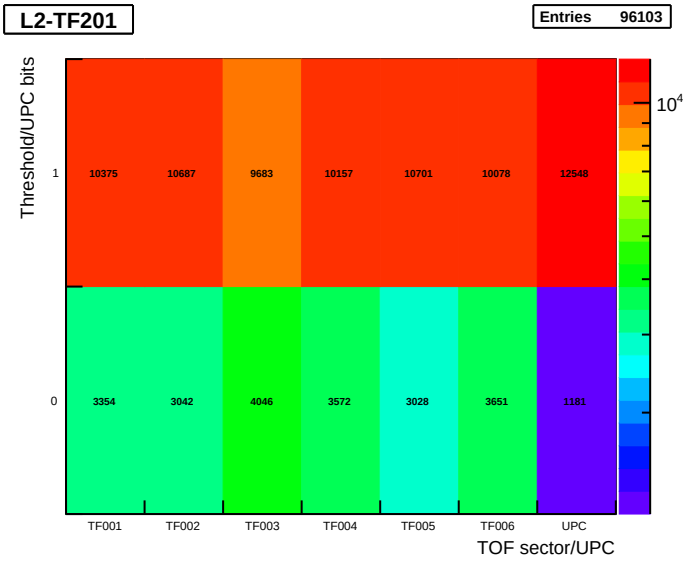

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

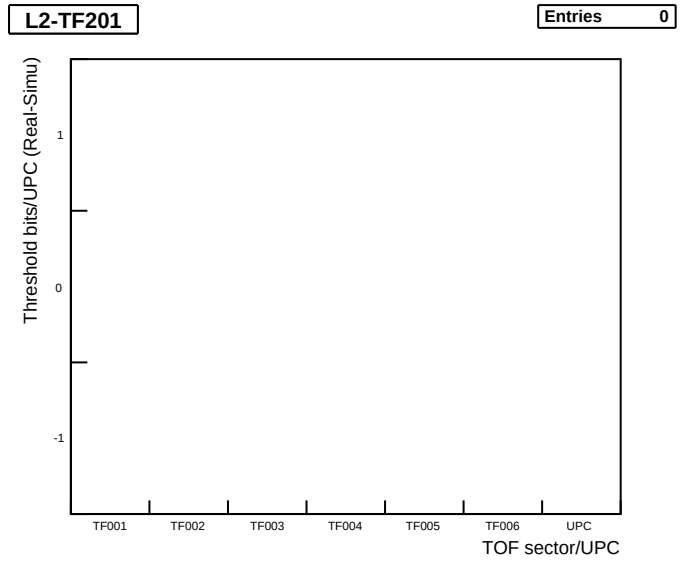

MIX-TF101
Entries 82374
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

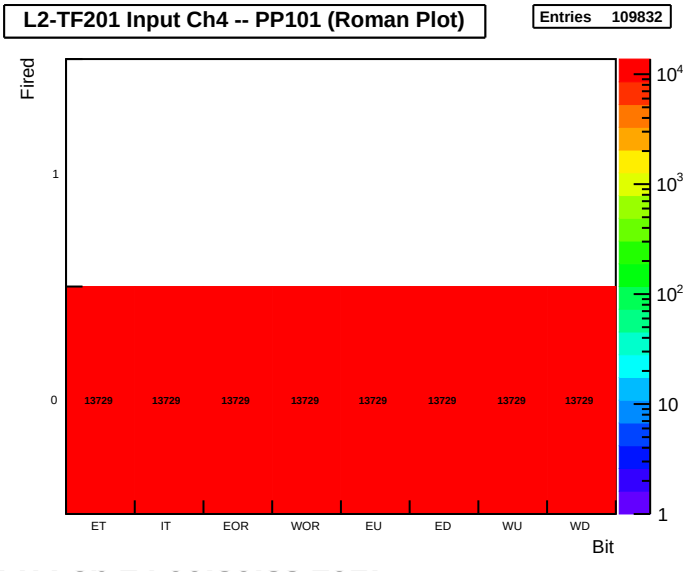

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

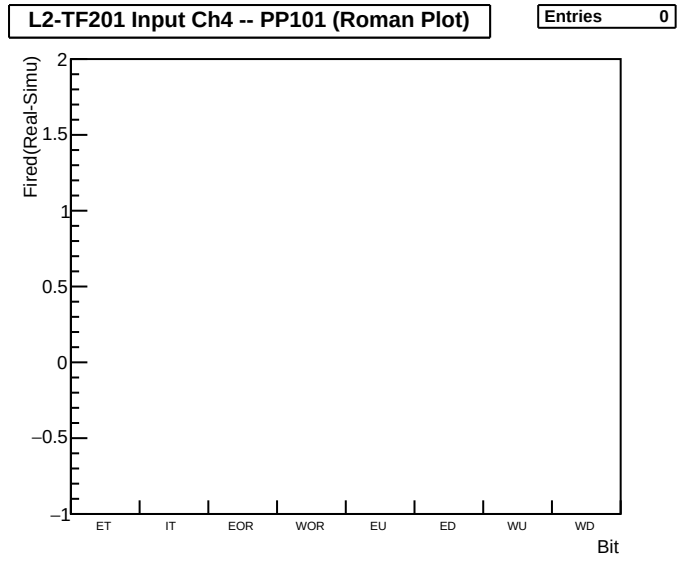

L2-TF201
Entries 13729
TOF total mult

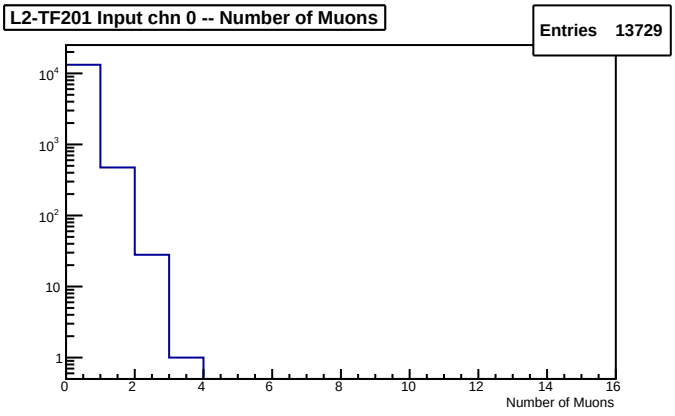

L2-TF201
Entries 0
TOF total mult(Real-Simu)

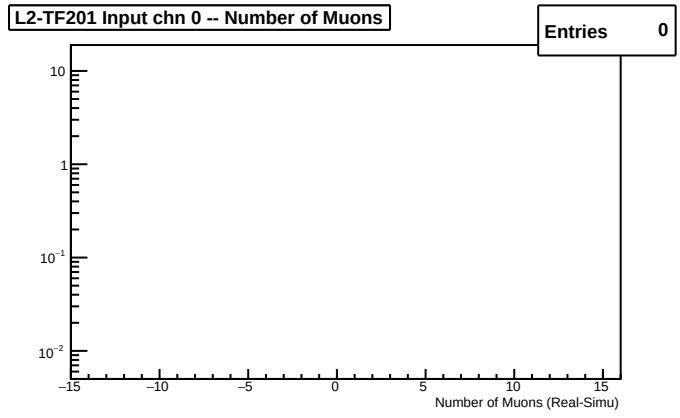

L2-TF201
Entries 96103
Threshold/UPC bits
10375 10687 9683 10157 10701 10078 12548
3354 3042 4046 3572 3028 3651 1181
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

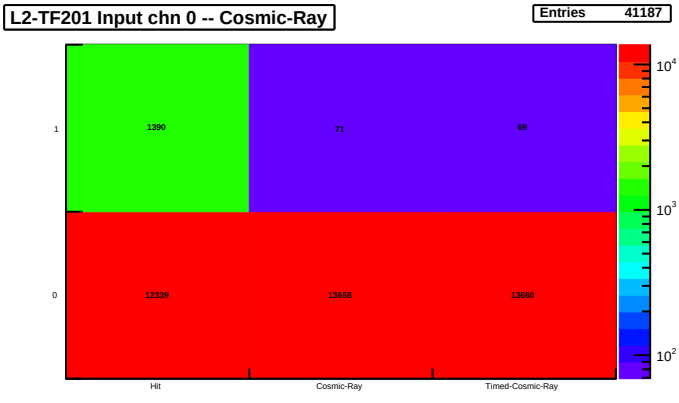

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

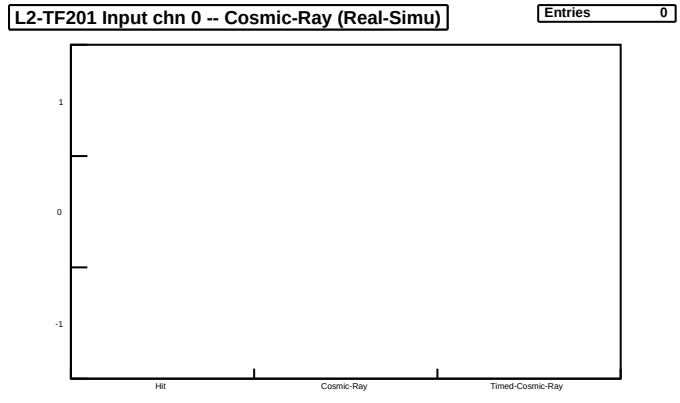

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 109832
Fired
13729 13729 13729 13729 13729 13729 13729 13729
ET IT EOR WOR EU ED WU WD
Bit

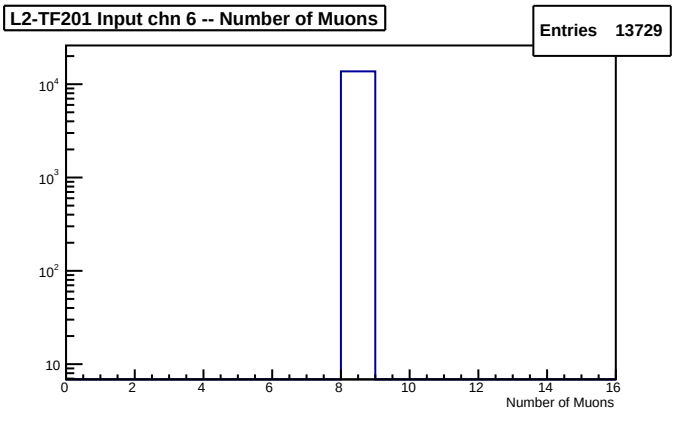

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

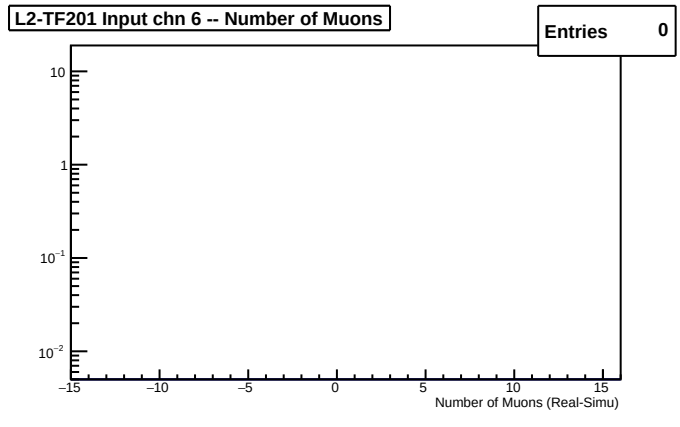

L2-TF201 Input chn 0 -- Number of Muons
Entries 13729
Number of Muons

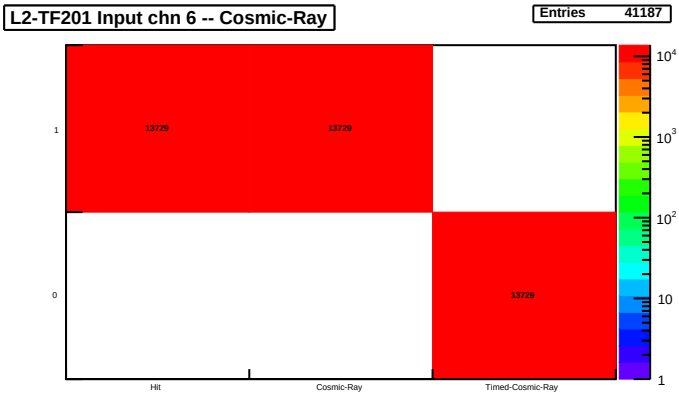

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

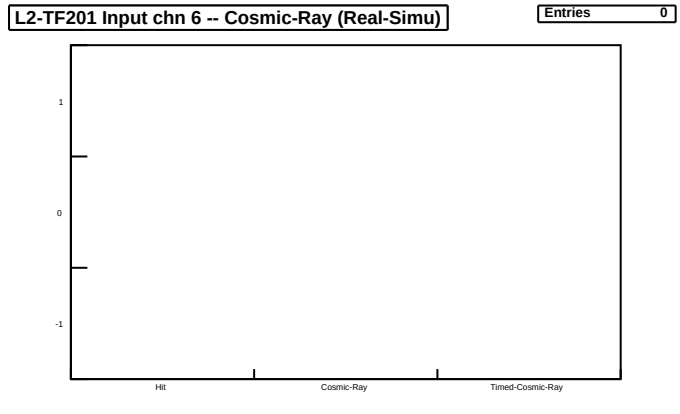

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 41187
1390
71
69
12339
13658
13660
Hit
Cosmic-Ray
Timed-Cosmic-Ray

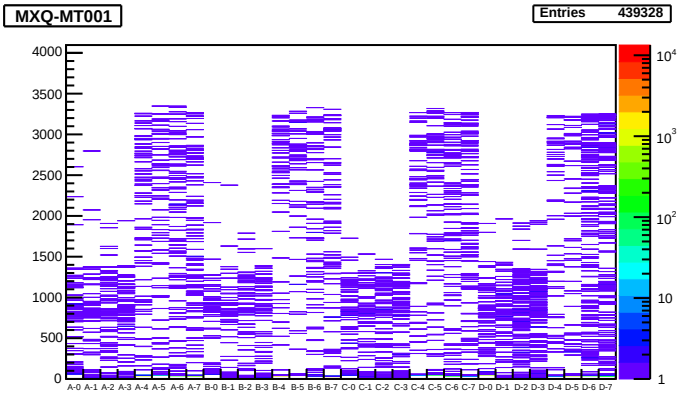

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

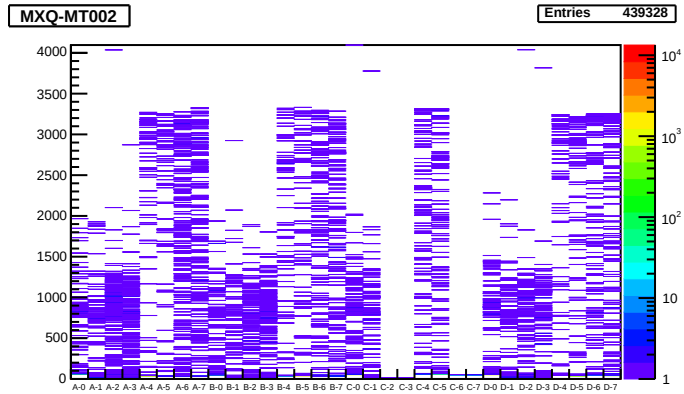

L2-TF201 Input chn 6 -- Number of Muons
Entries 13729
Number of Muons

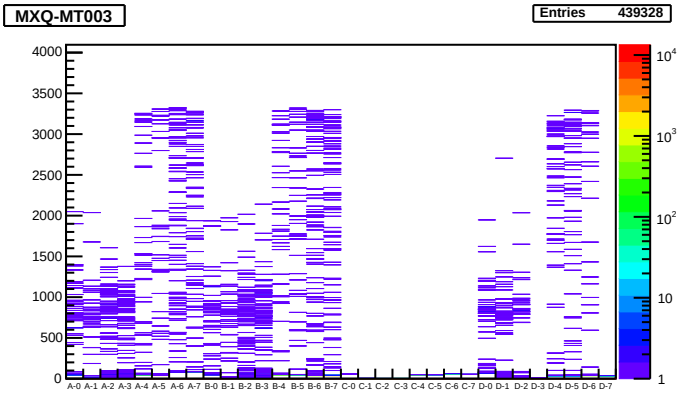

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

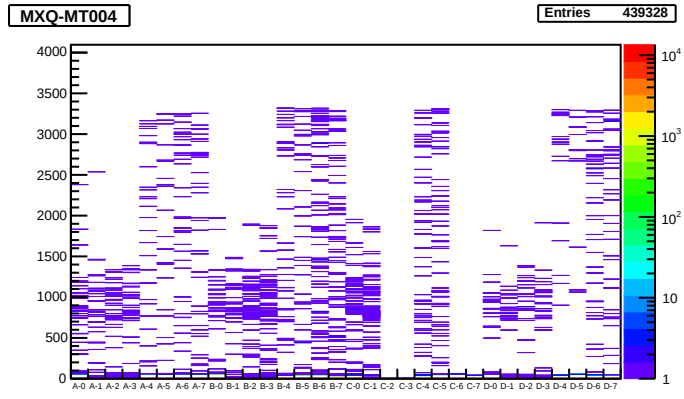

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 41187
13729
13729
13729
Hit
Cosmic-Ray
Timed-Cosmic-Ray

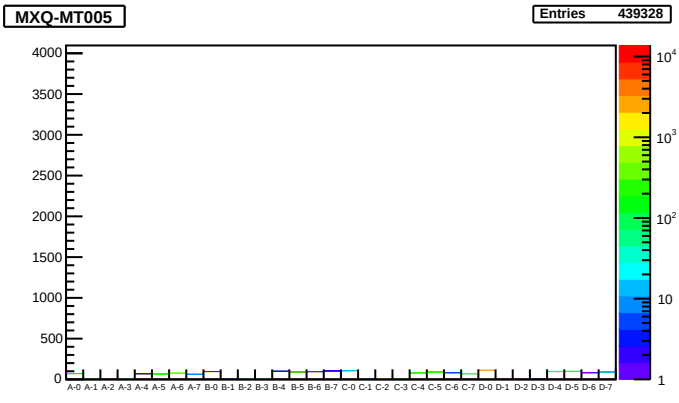

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

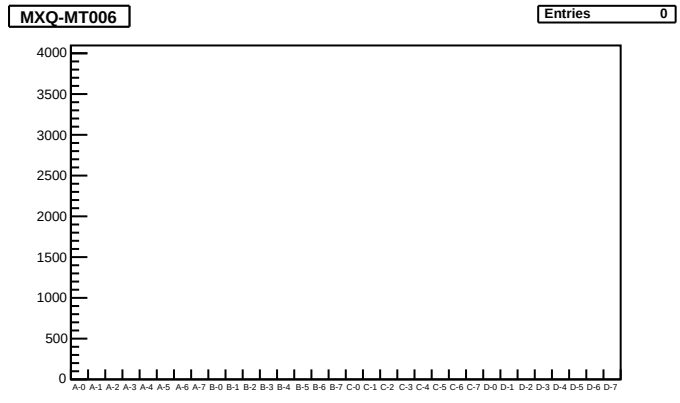

MXQ-MT001
Entries 439328

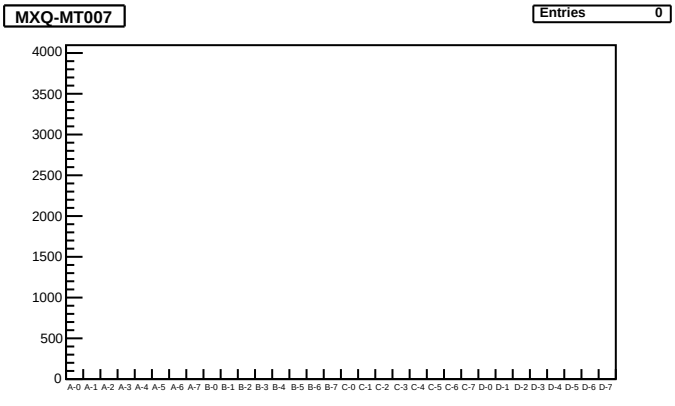

MXQ-MT002
Entries 439328

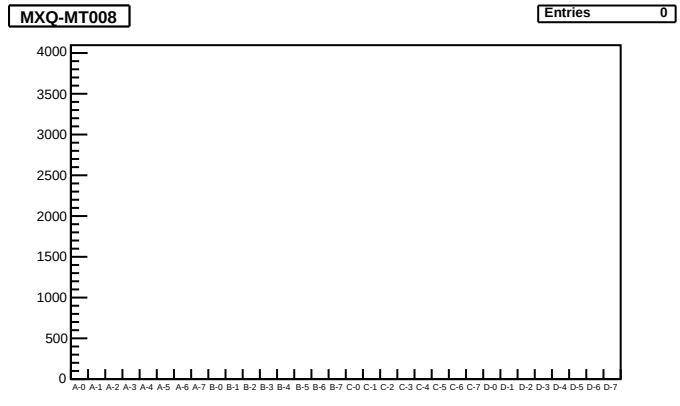

MXQ-MT003
Entries 439328

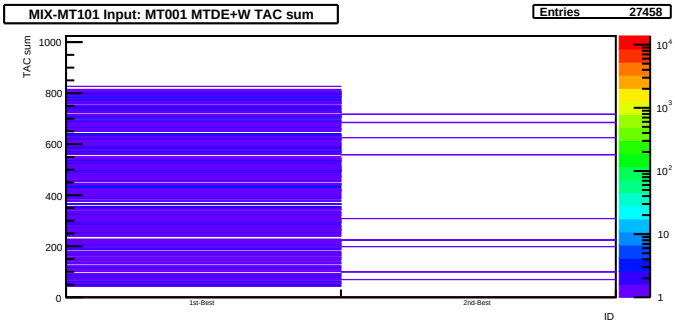

MXQ-MT004
Entries 439328

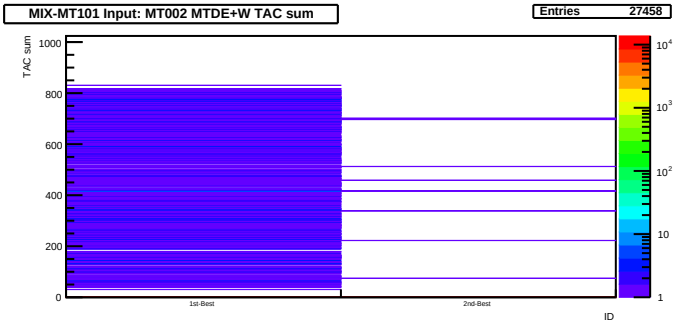

MXQ-MT005
Entries 439328

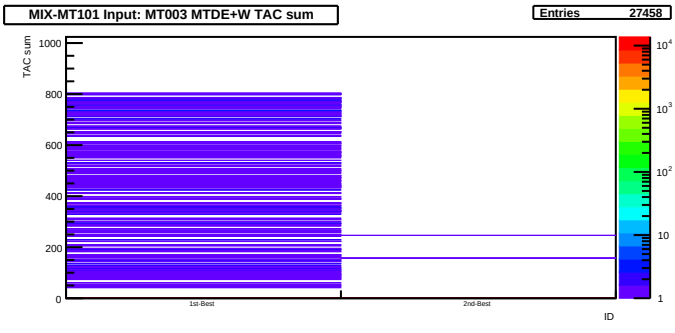

MXQ-MT006
Entries 0

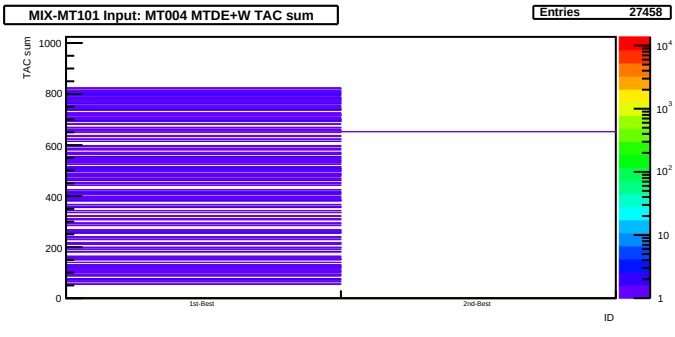

MXQ-MT007
Entries 0

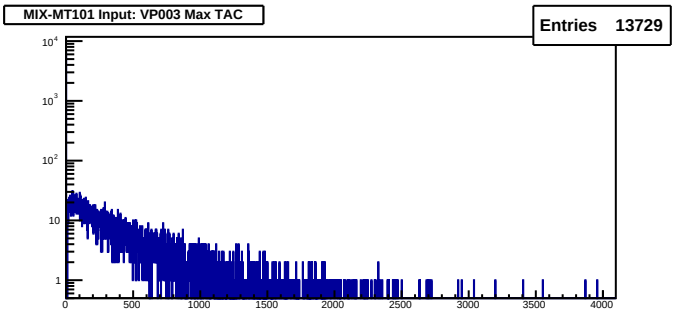

MXQ-MT008
Entries 0

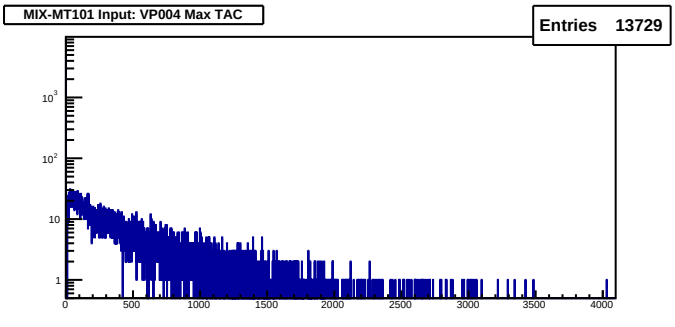

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

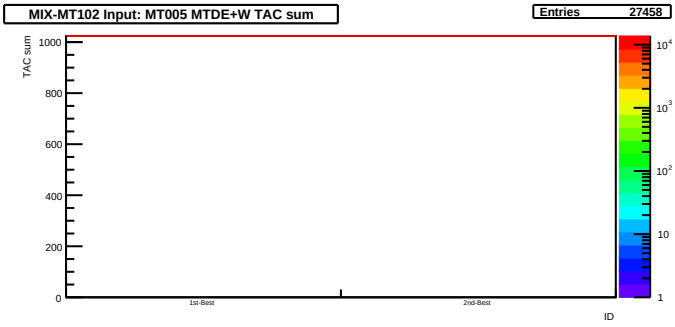

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

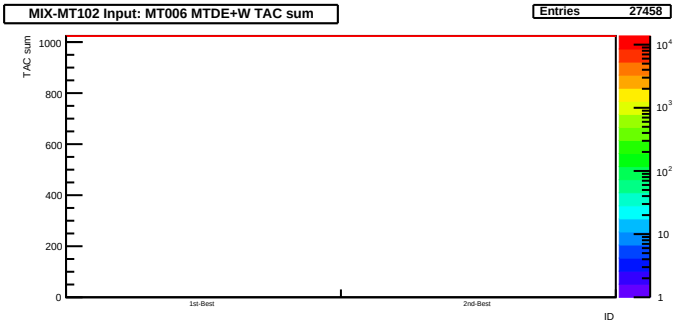

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

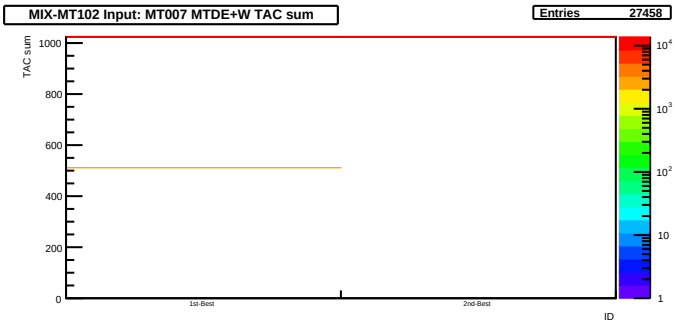

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

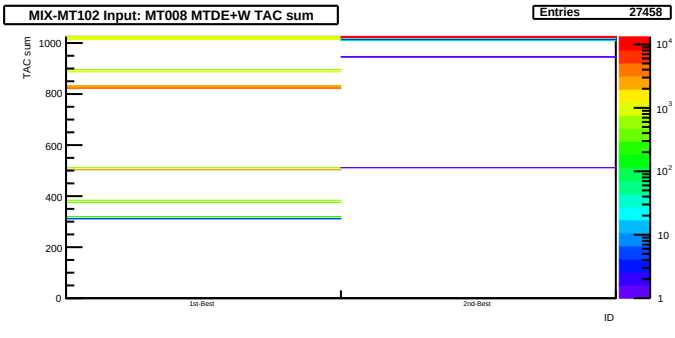

MIX-MT101 Input: VP003 Max TAC
Entries 13729

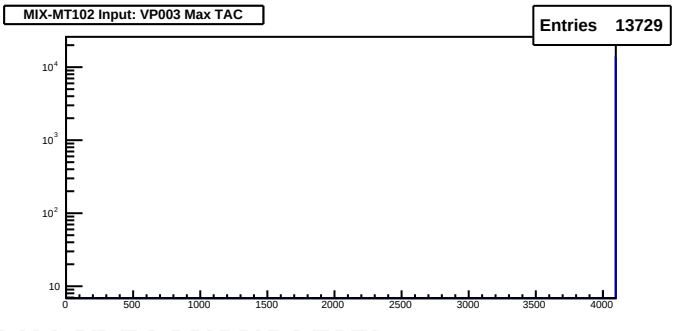

MIX-MT101 Input: VP004 Max TAC
Entries 13729

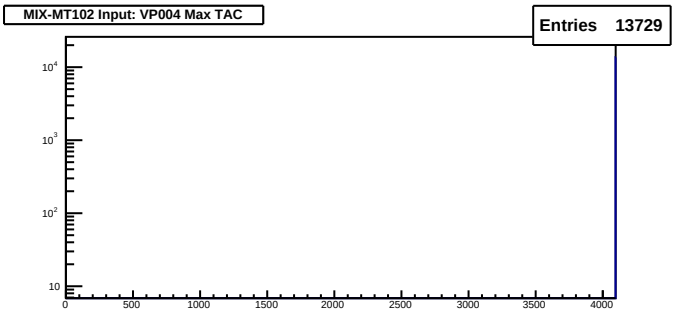

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

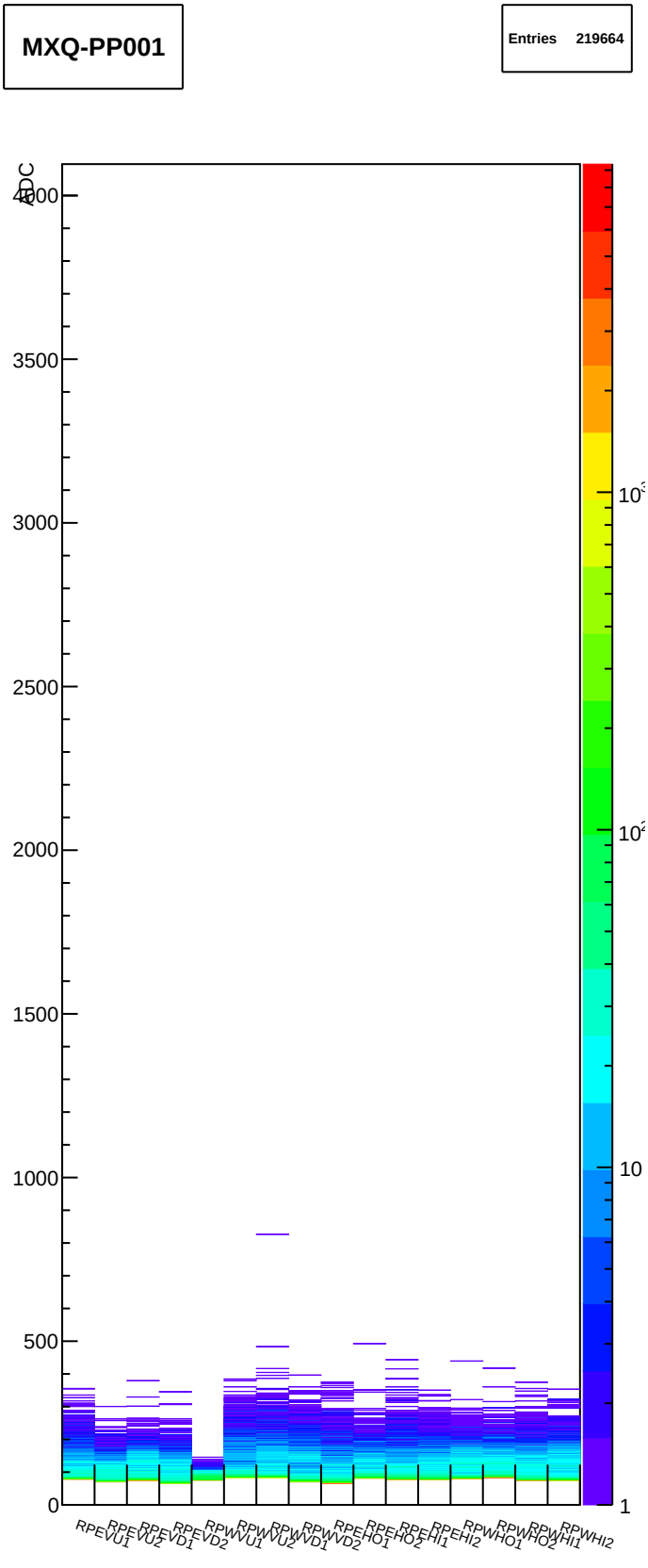

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

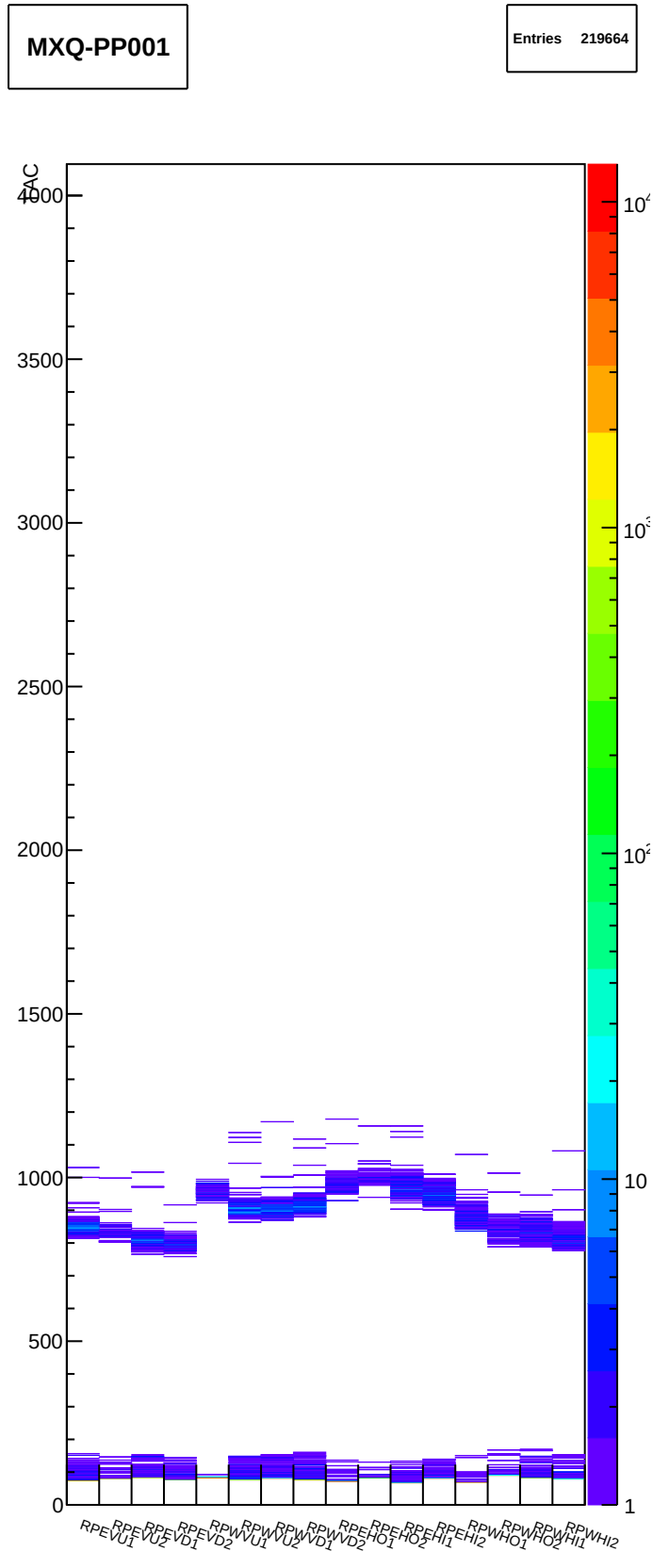

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

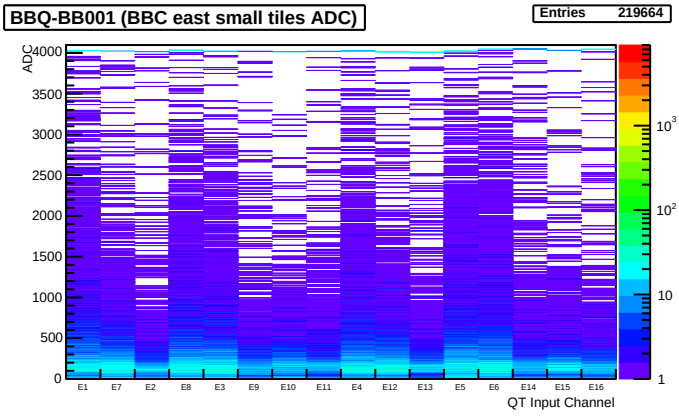

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 27458
TAC sum
1st-Best
2nd-Best
ID

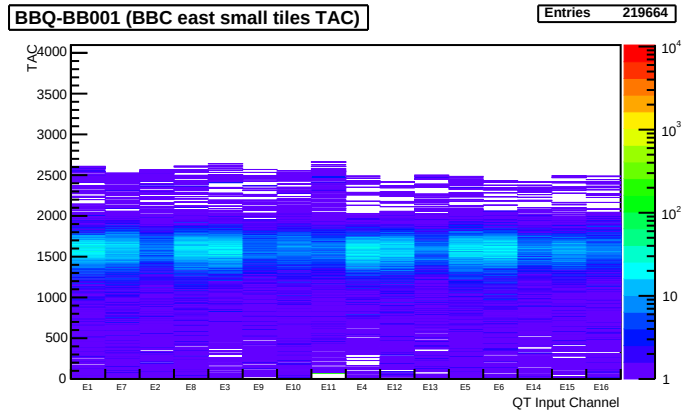

MIX-MT102 Input: VP003 Max TAC
Entries 13729

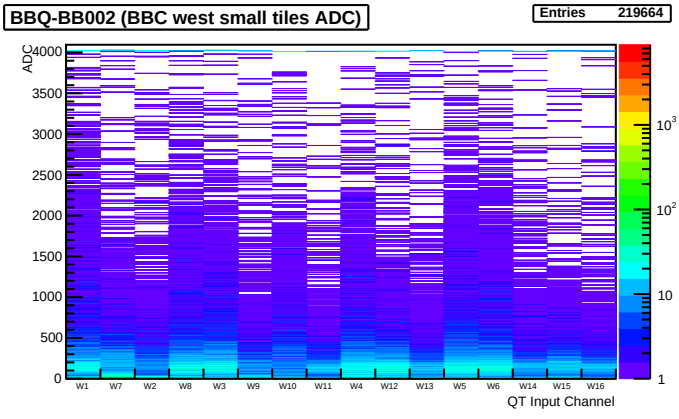

MIX-MT102 Input: VP004 Max TAC
Entries 13729

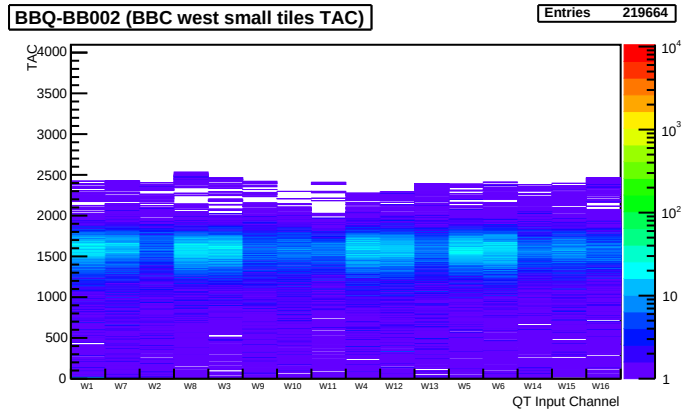

MXQ-PP001
Entries 219664
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

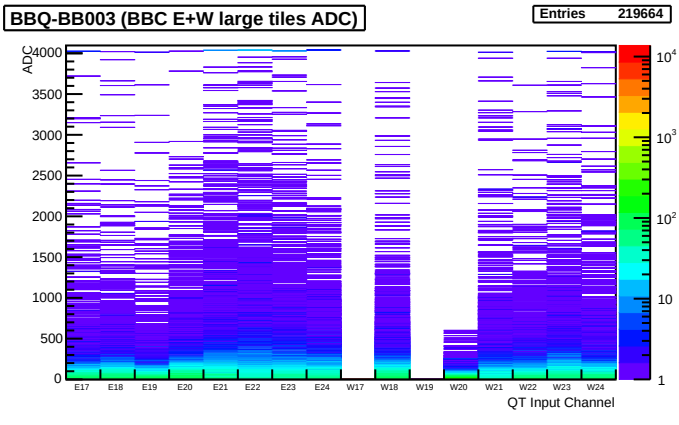

MXQ-PP001
Entries 219664
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

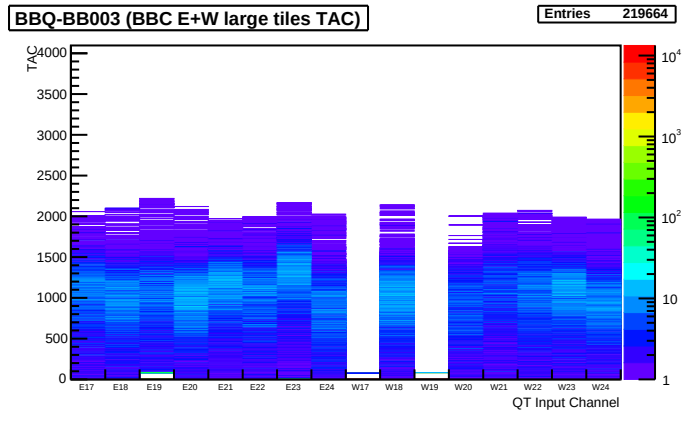

BBQ-BB001 (BBC east small tiles ADC)
Entries 219664
ADC
QT Input Channel

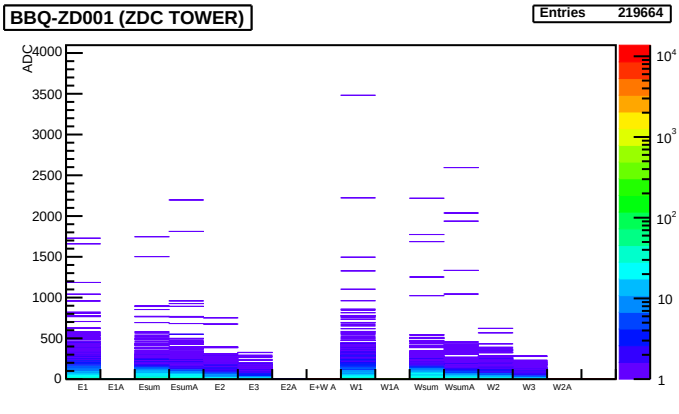

BBQ-BB001 (BBC east small tiles TAC)
Entries 219664
TAC
QT Input Channel

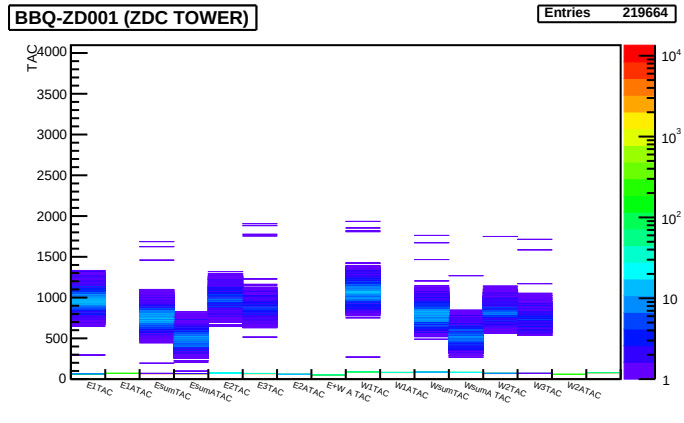

BBQ-BB002 (BBC west small tiles ADC)
Entries 219664
ADC
QT Input Channel

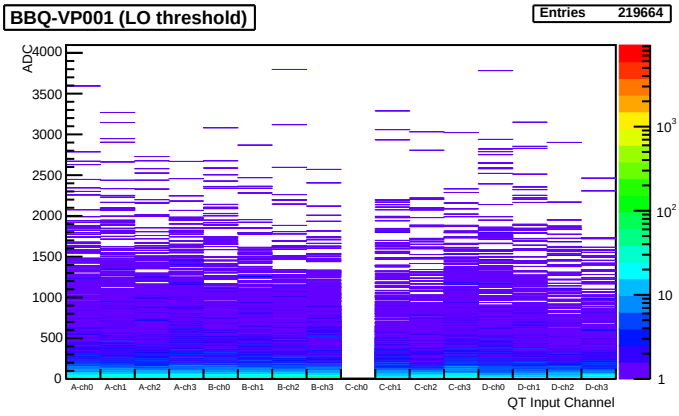

BBQ-BB002 (BBC west small tiles TAC)
Entries 219664
TAC
QT Input Channel

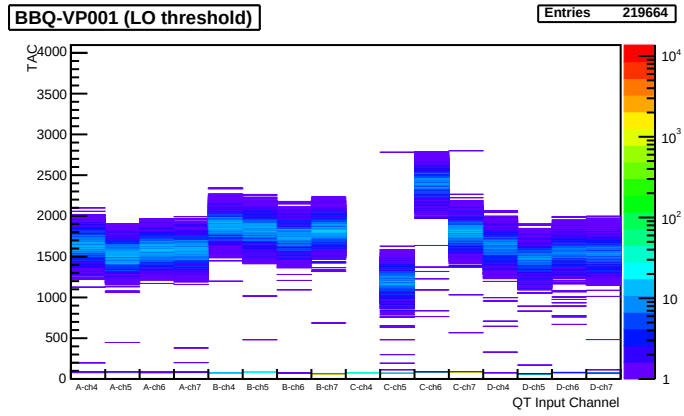

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 219664
ADC
QT Input Channel

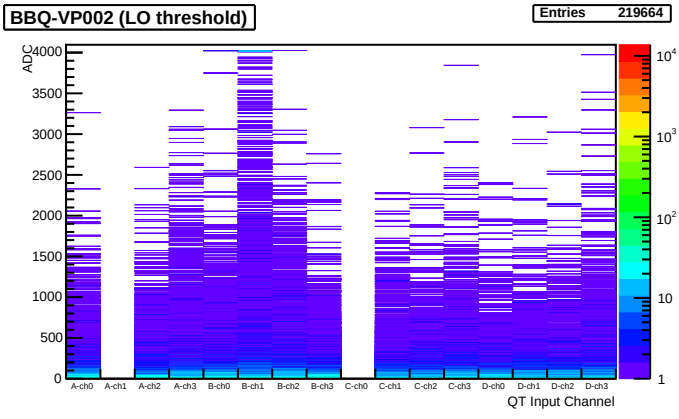

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 219664
TAC
QT Input Channel

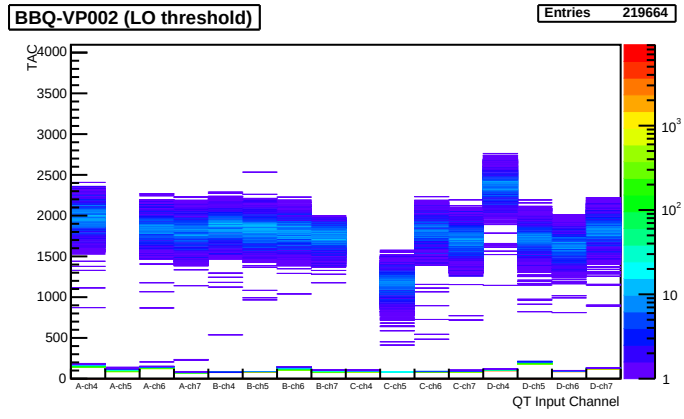

BBQ-ZD001 (ZDC TOWER)
Entries 219664
ADC

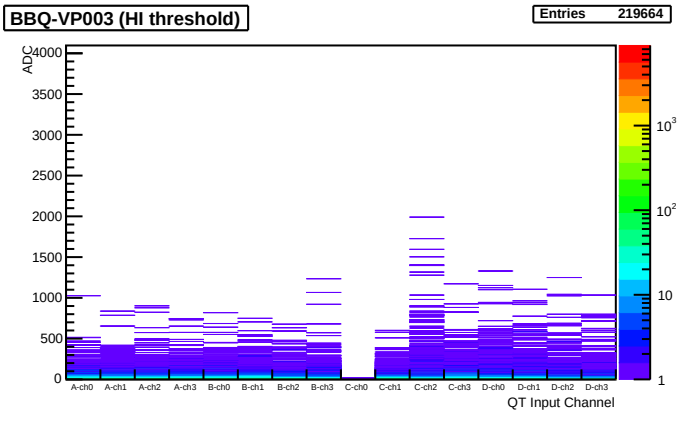

BBQ-ZD001 (ZDC TOWER)
Entries 219664
TAC

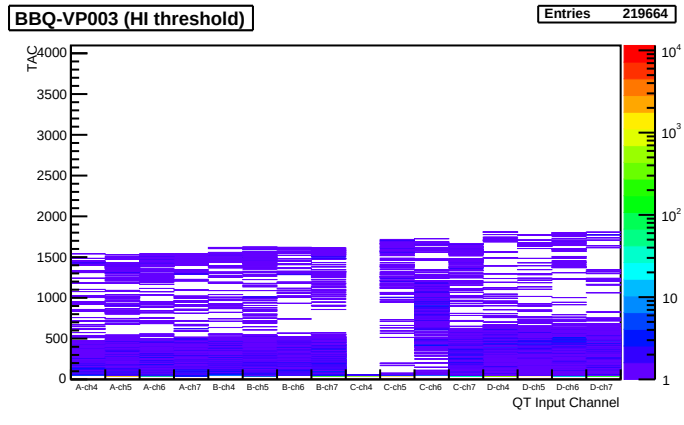

BBQ-VP001 (LO threshold)
Entries 219664
ADC
QT Input Channel

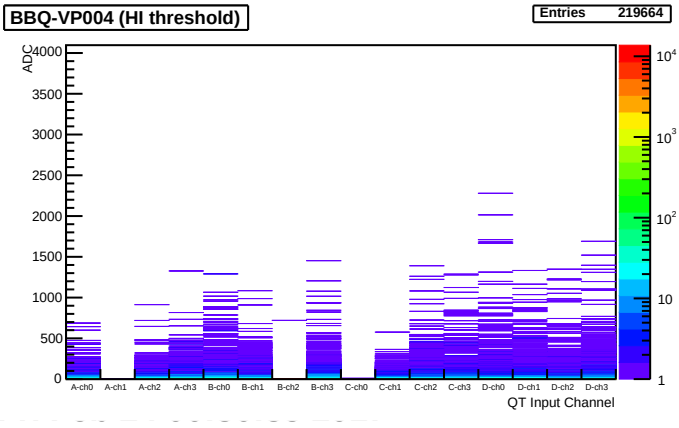

BBQ-VP001 (LO threshold)
Entries 219664
TAC
QT Input Channel

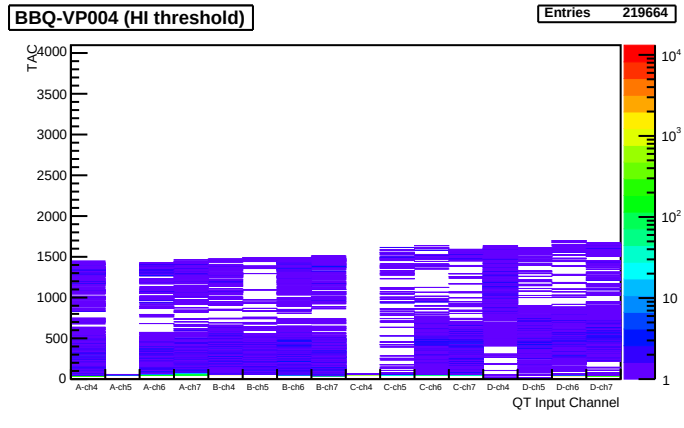

BBQ-VP002 (LO threshold)
Entries 219664
ADC
QT Input Channel

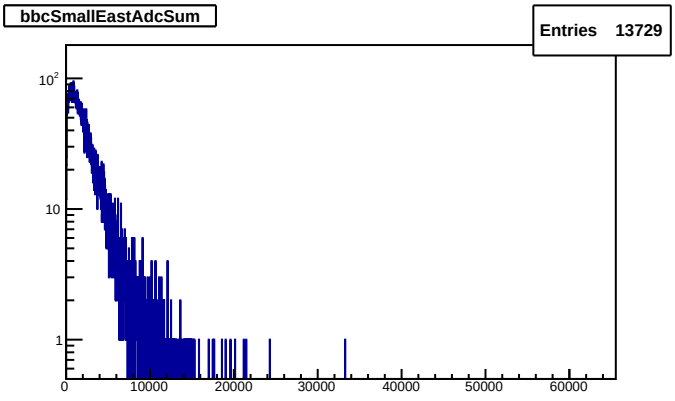

BBQ-VP002 (LO threshold)
Entries 219664
TAC
QT Input Channel

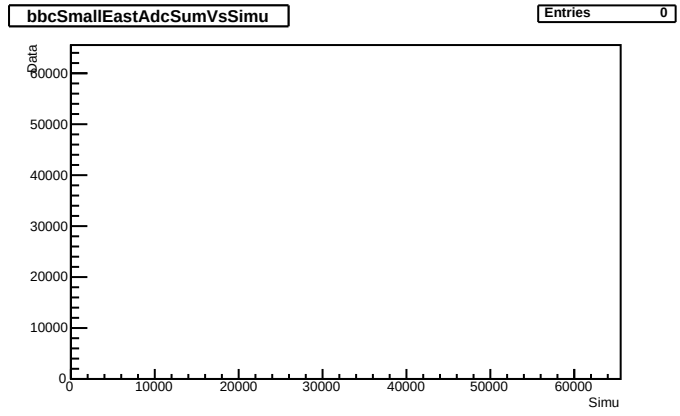

BBQ-VP003 (HI threshold)
Entries 219664
ADC
QT Input Channel

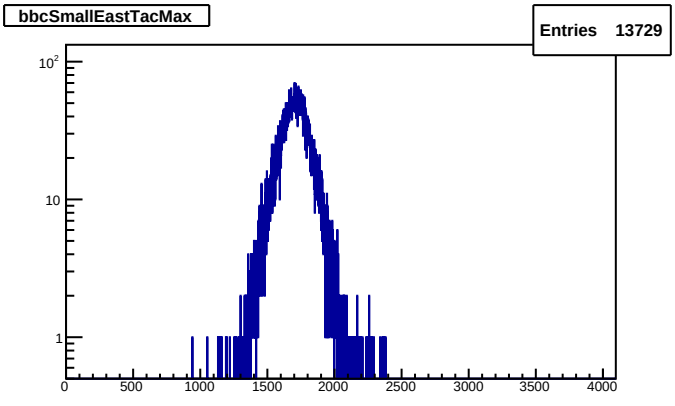

BBQ-VP003 (HI threshold)
Entries 219664
TAC
QT Input Channel

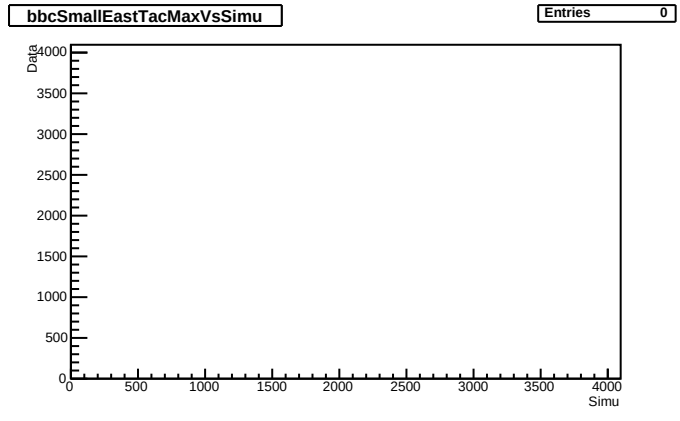

BBQ-VP004 (HI threshold)
Entries 219664
ADC
QT Input Channel

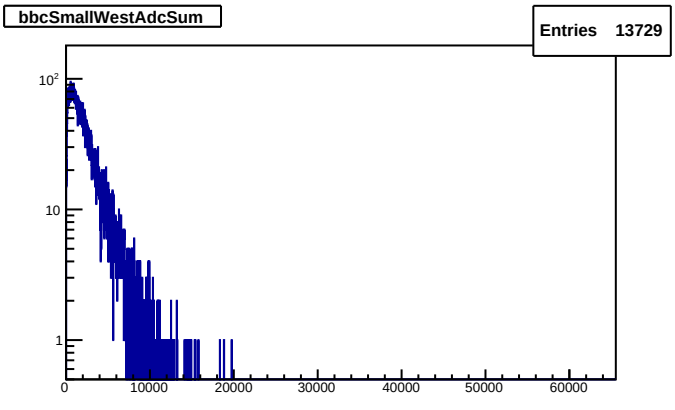

BBQ-VP004 (HI threshold)
Entries 219664
TAC
QT Input Channel

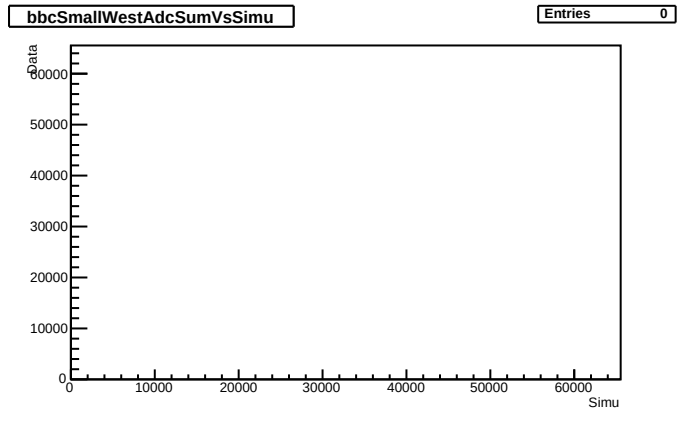

bbcSmallEastAdcSum
Entries 13729

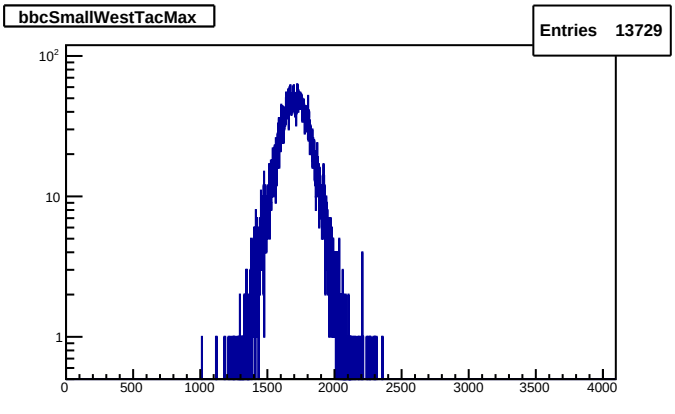

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

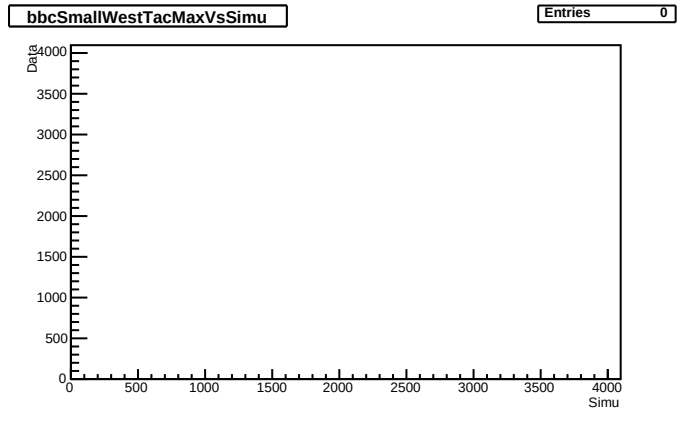

bbcSmallEastTacMax
Entries 13729

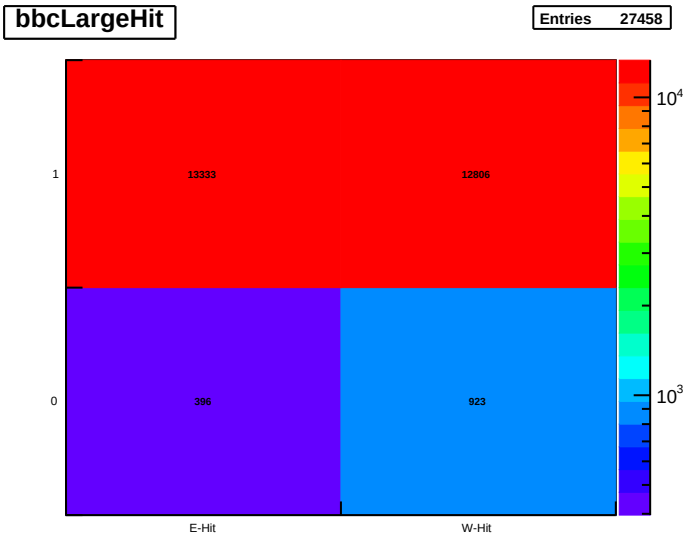

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

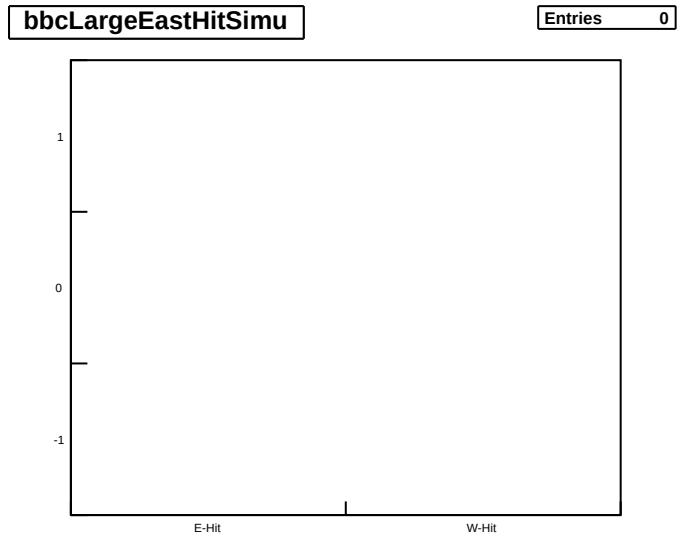

bbcSmallWestAdcSum
Entries 13729

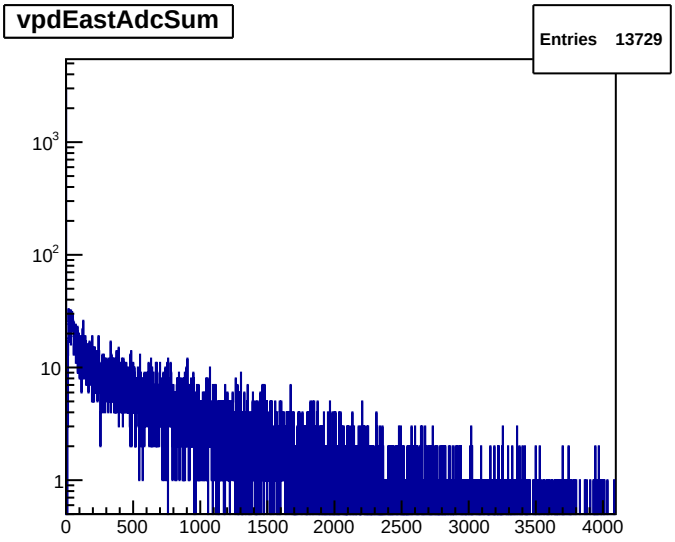

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

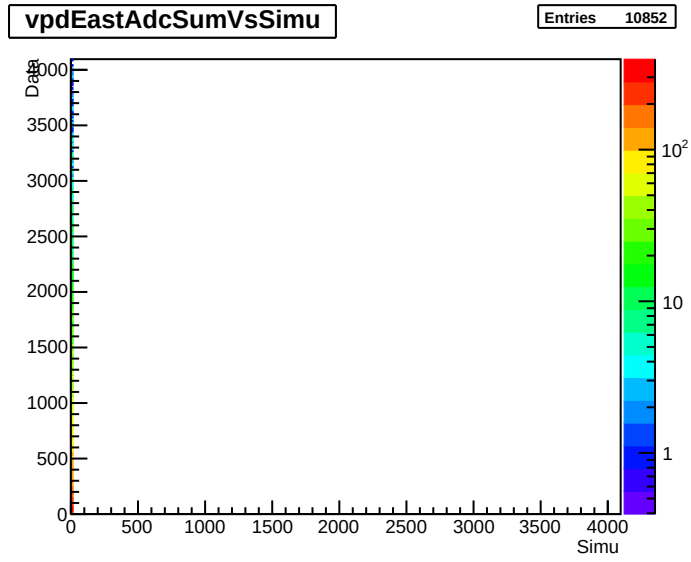

bbcSmallWestTacMax
Entries 13729

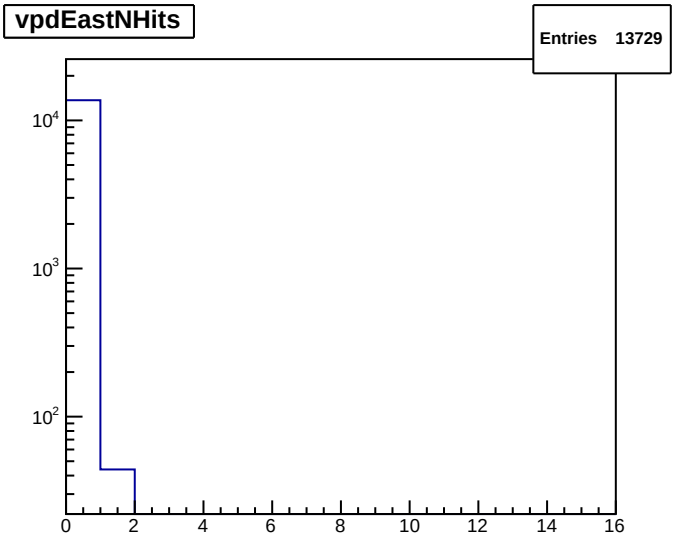

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

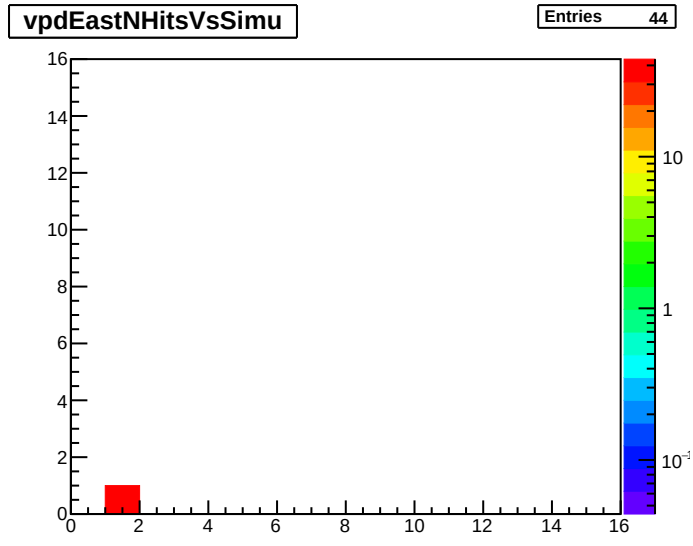

bbcLargeHit
Entries 27458
13333
12806
396
923
1
0
E-Hit
W-Hit
$10^4$
$10^3$

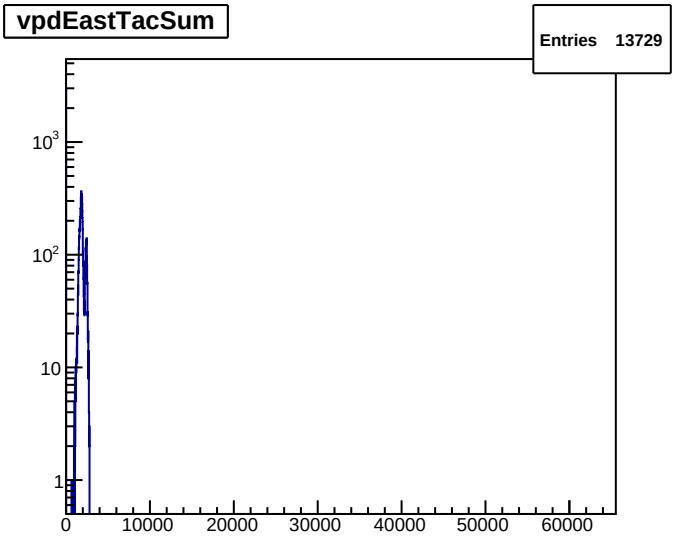

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

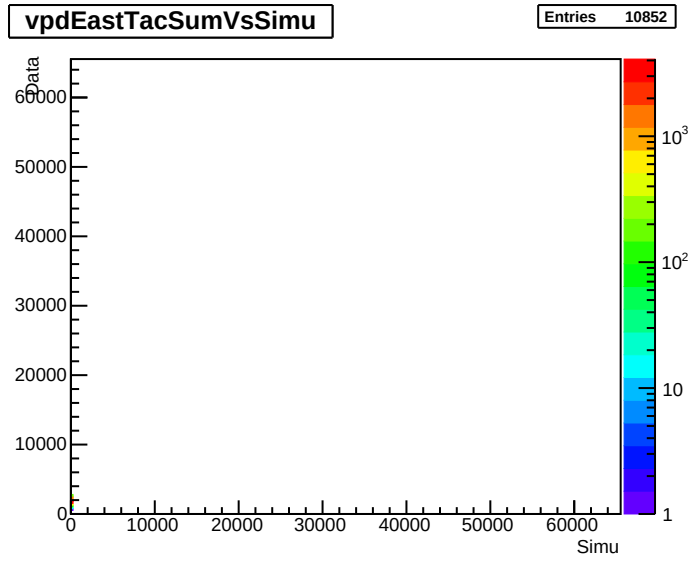

vpdEastAdcSum
Entries 13729

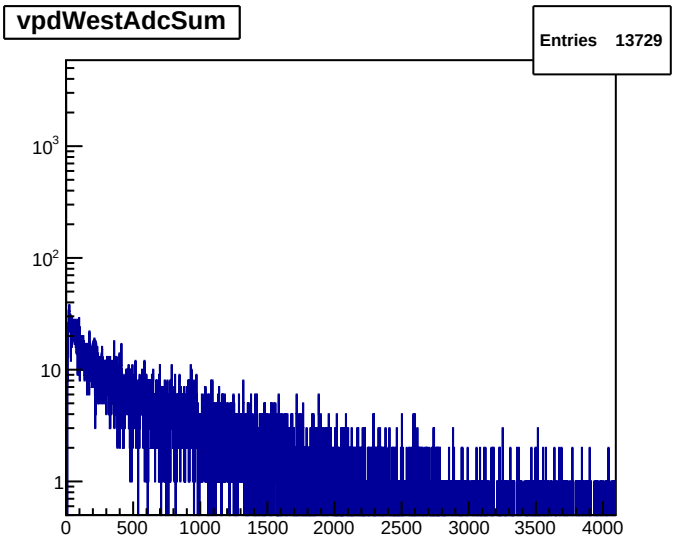

vpdEastAdcSumVsSimu
Entries 10852
Data
Simu

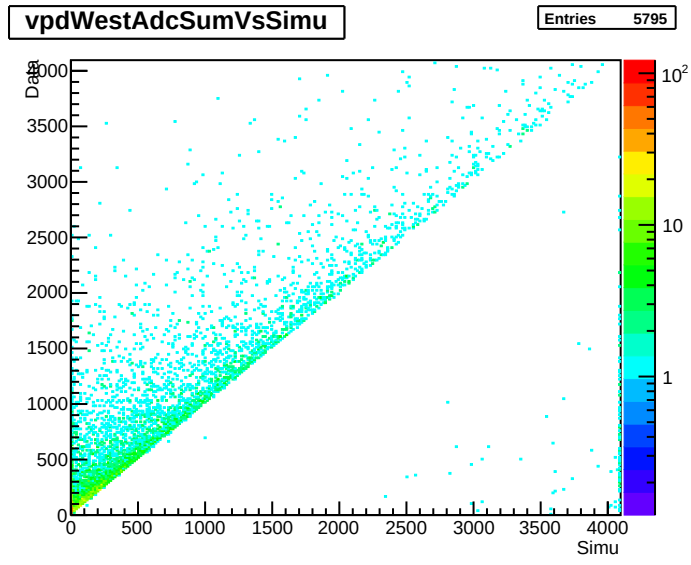

vpdEastNHits
Entries 13729

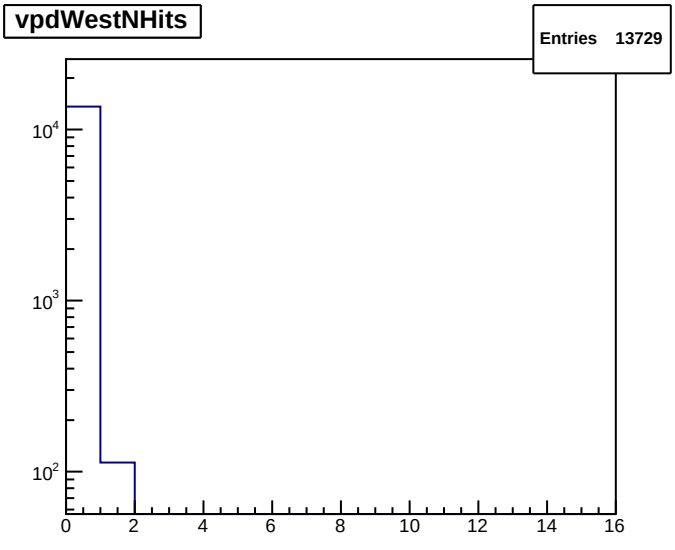

vpdEastNHitsVsSimu
Entries 44

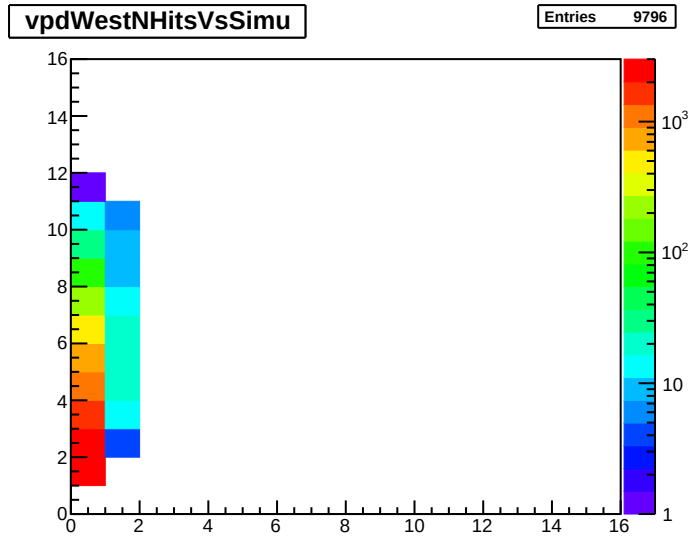

vpdEastTacSum
Entries 13729

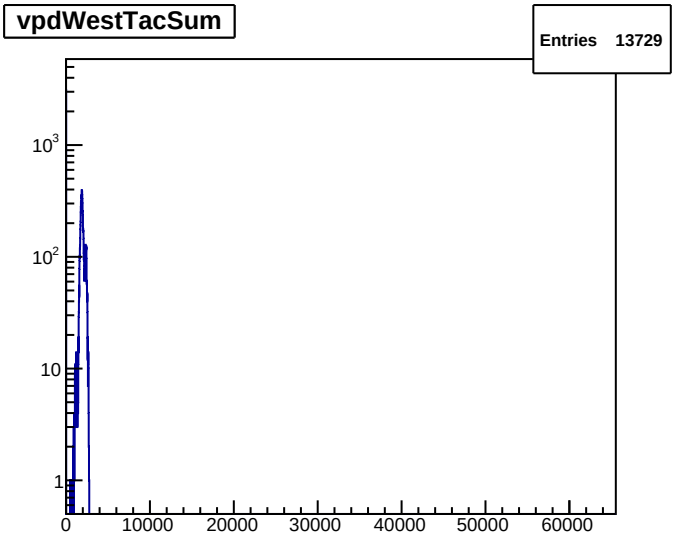

vpdEastTacSumVsSimu
Entries 10852
Data
Simu

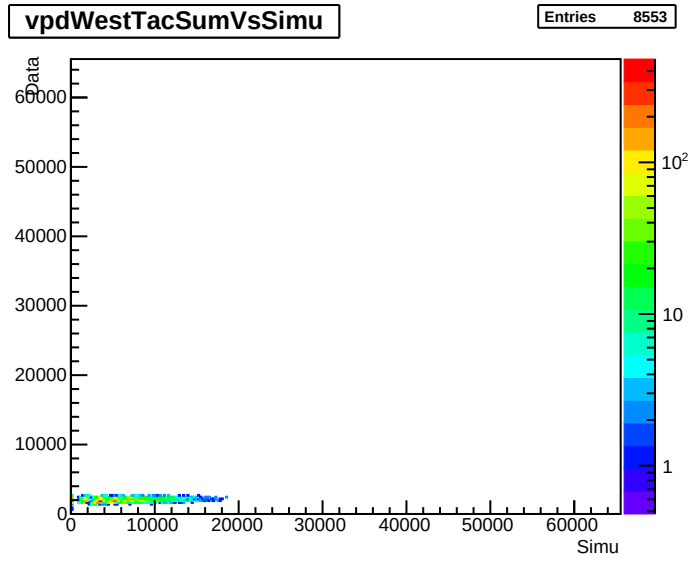

vpdWestAdcSum
Entries 13729

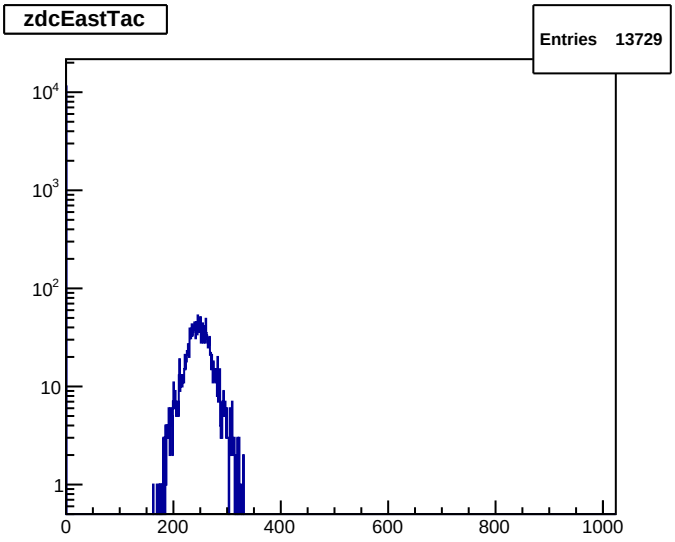

vpdWestAdcSumVsSimu
Entries 5795
Data
Simu

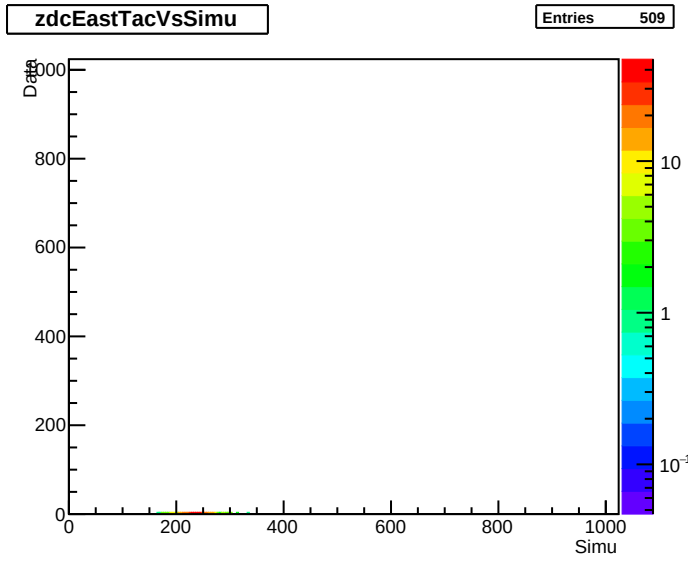

vpdWestNHits
Entries 13729

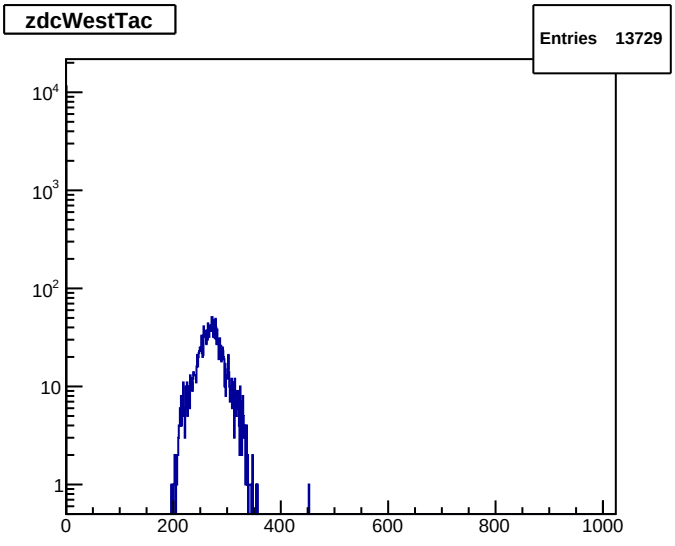

vpdWestNHitsVsSimu
Entries 9796

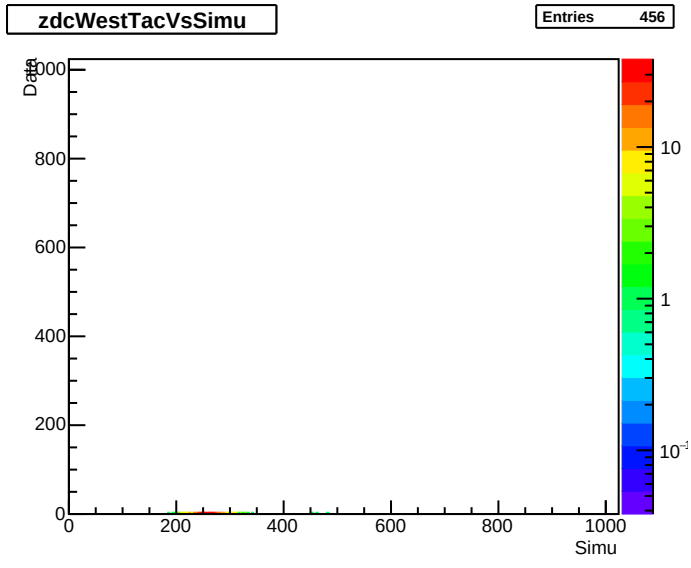

vpdWestTacSum
Entries 13729

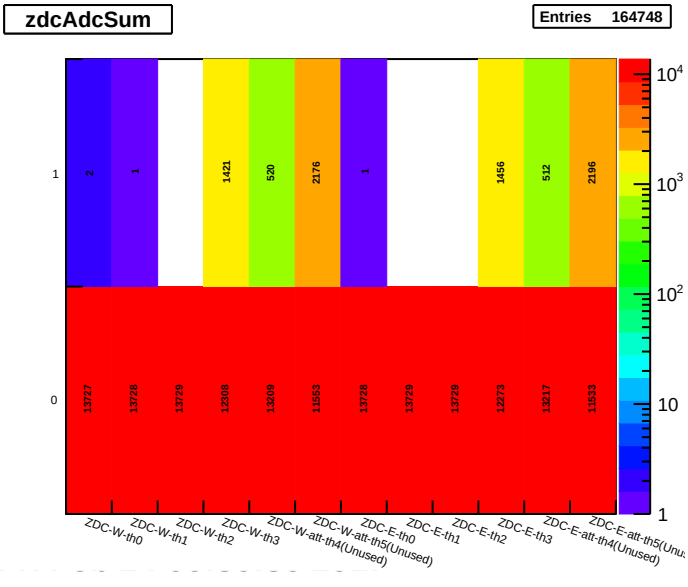

vpdWestTacSumVsSimu
Entries 8553
Data
Simu

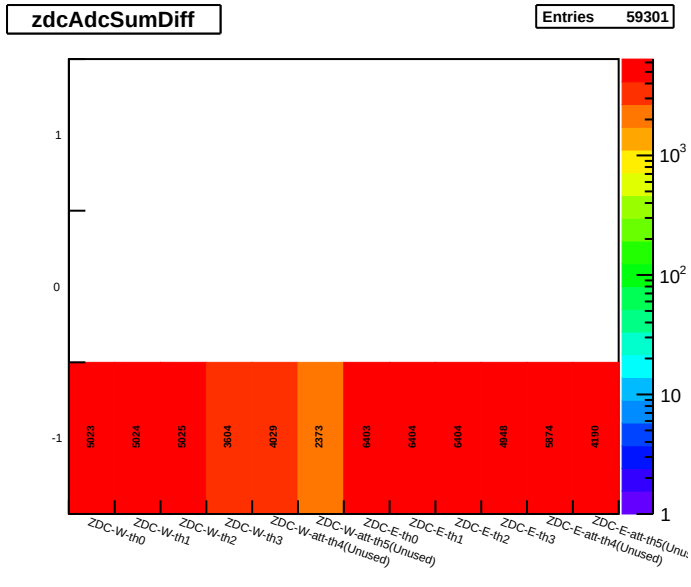

zdcEastTac
Entries 13729

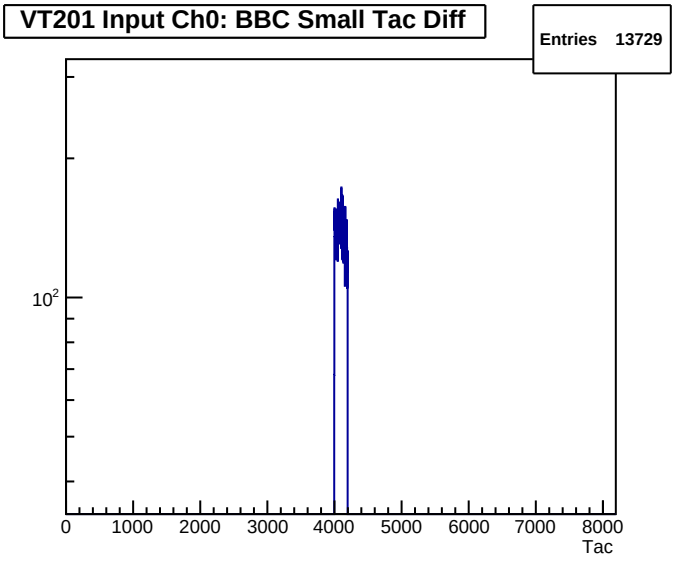

zdcEastTacVsSimu
Entries 509
Data
Simu

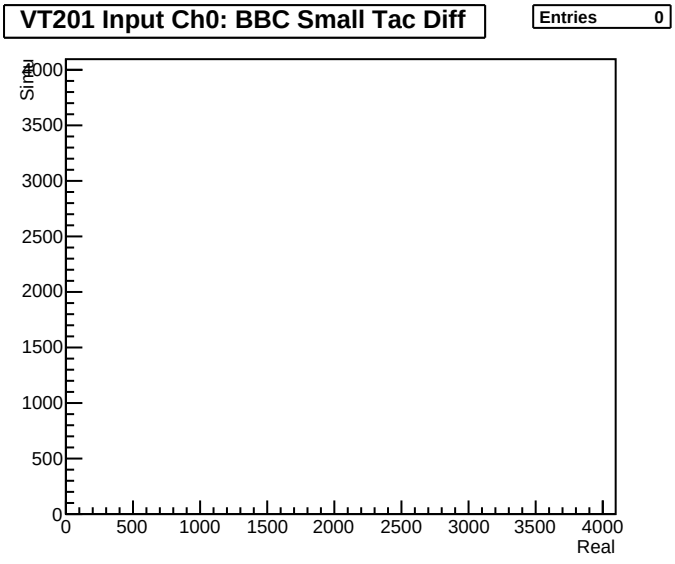

zdcWestTac
Entries 13729

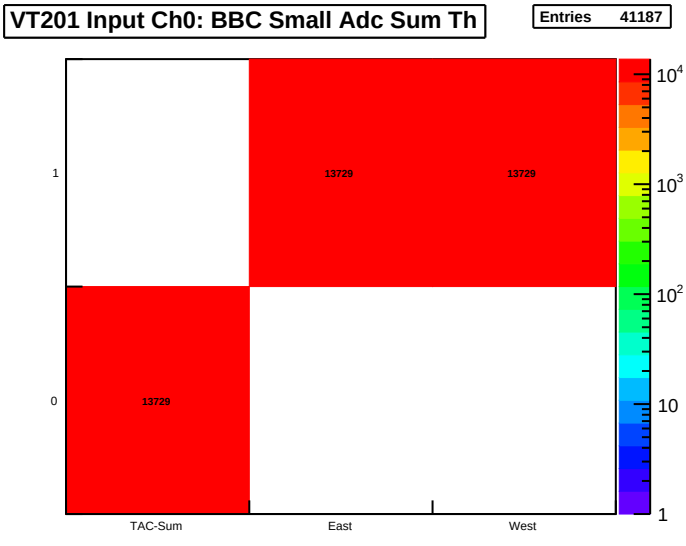

zdcWestTacVsSimu
Entries 456
Data
Simu

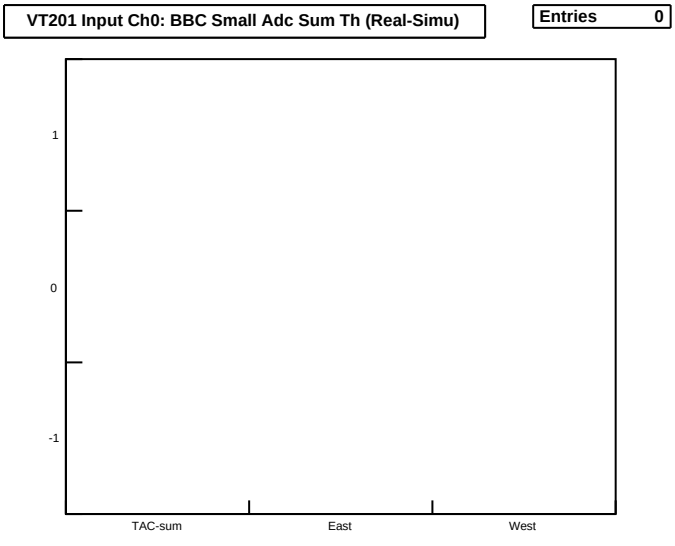

zdcAdcSum
Entries 164748
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

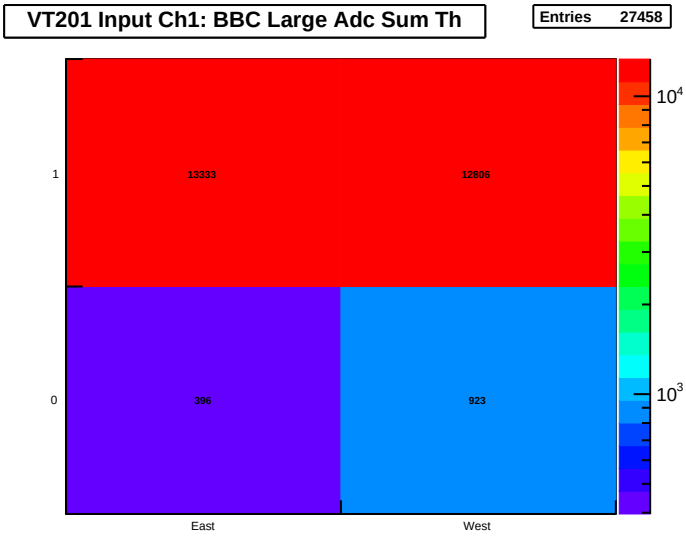

zdcAdcSumDiff
Entries 59301
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

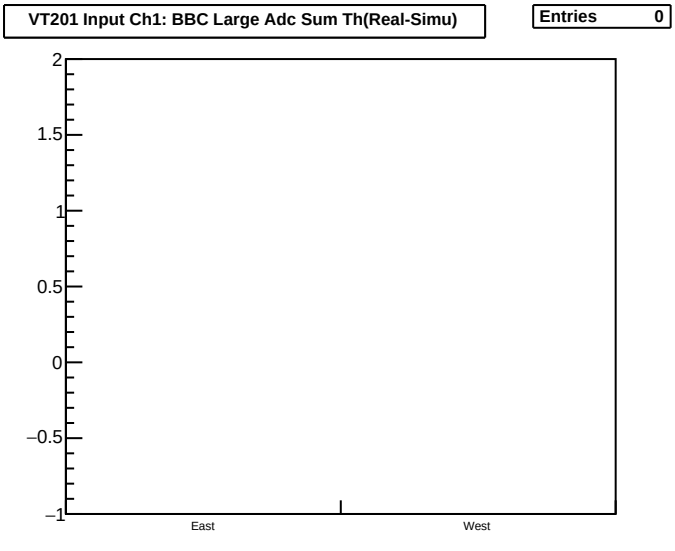

VT201 Input Ch0: BBC Small Tac Diff
Entries 13729
$10^2$
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

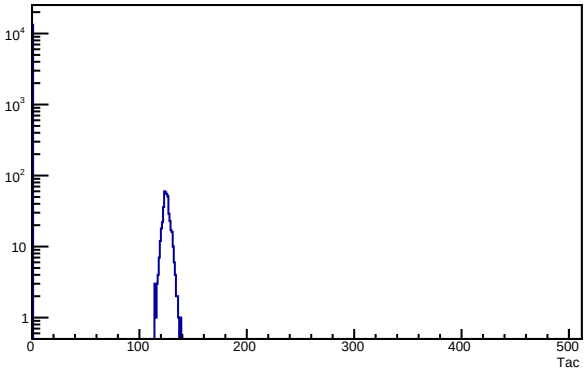

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 41187
1
0
13729
13729
13729
TAC-Sum
East
West
$10^4$
$10^3$
$10^2$
10
1


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

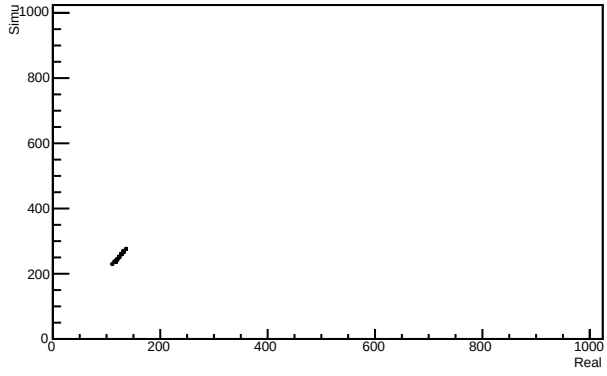

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 27458
1
0
13333
12806
396
923
East
West
$10^4$
$10^3$


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

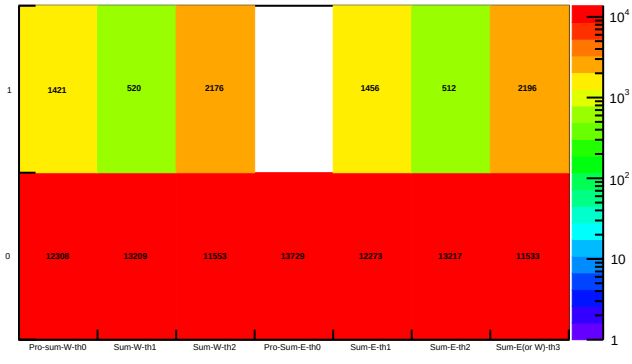
**VT201 Input Ch2: ZDC Tac Diff**



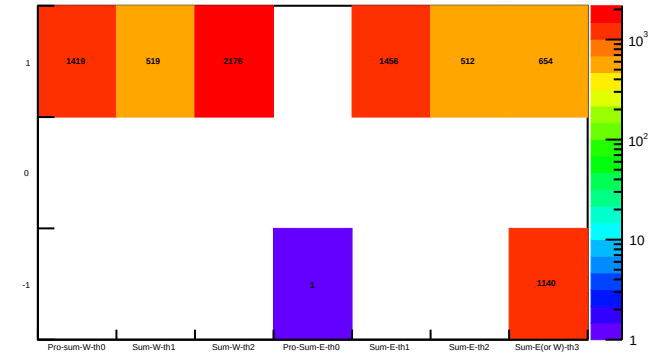

**VT201 Input Ch2: ZDC Tac Diff**



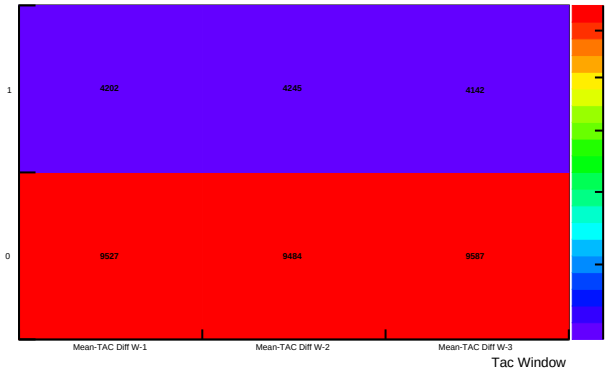

**VT201 Input Ch2: ZDC Adc Sum Th**



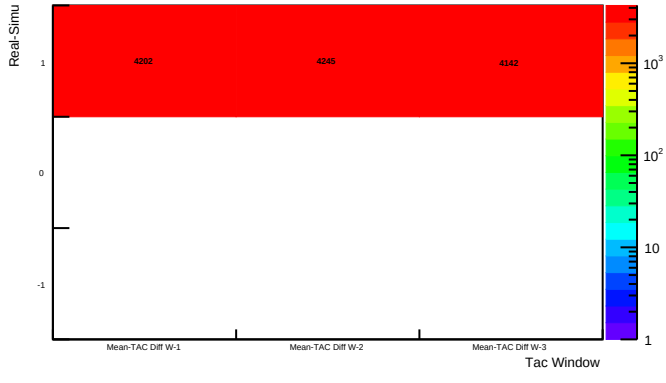

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



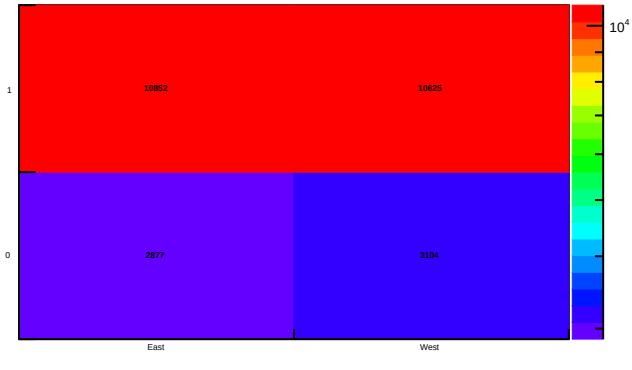

**VT201 Input Ch4: VPD Tac Diff**



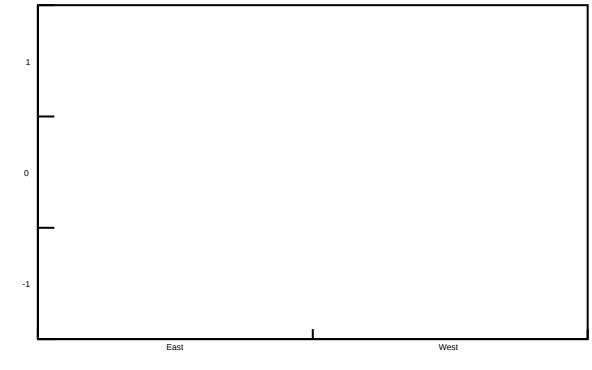

**VT201 Input Ch4: VPD Tac Diff**

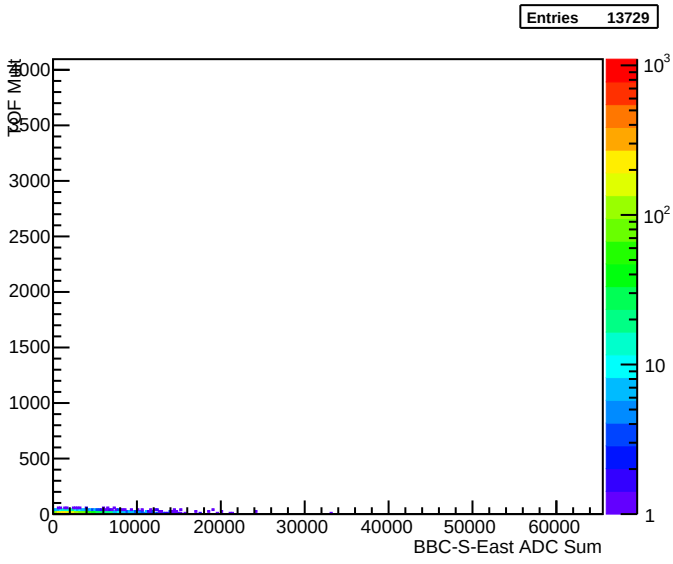


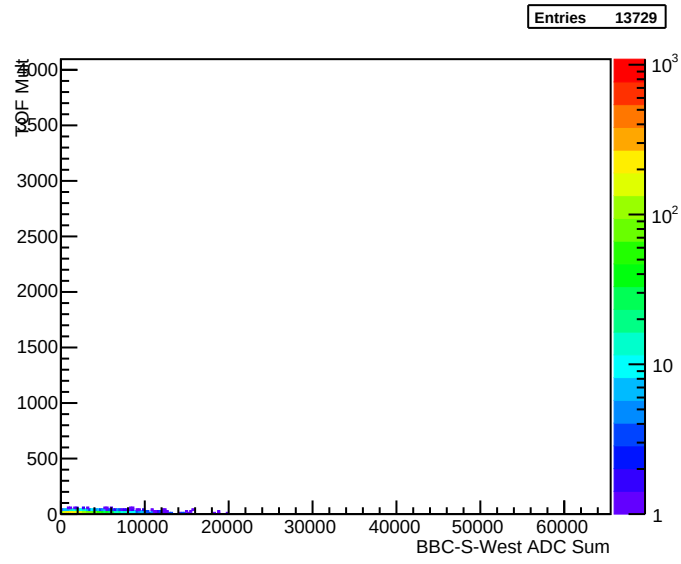

**VT201 Input Ch4: VPD Adc Sum Th**

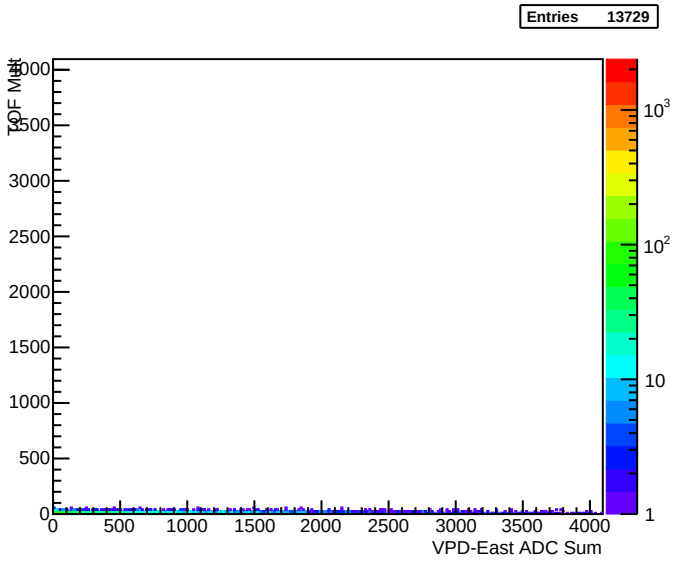


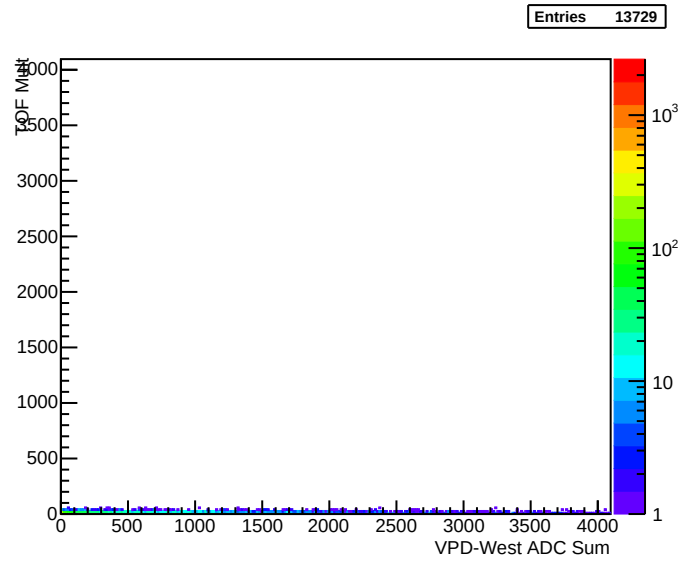

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

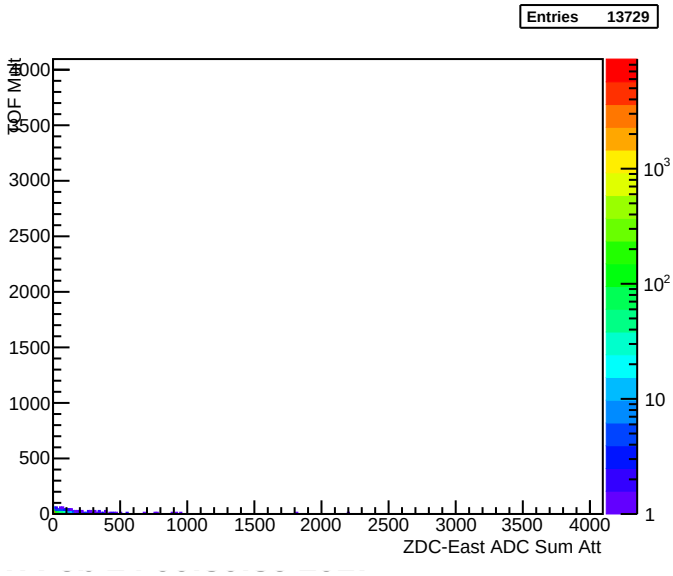


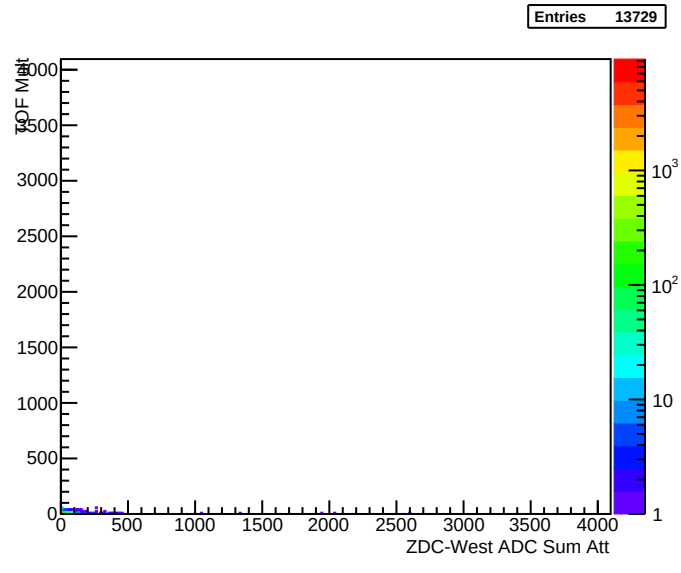

Entries 13729
TOF Mult
BBC-S-East ADC Sum

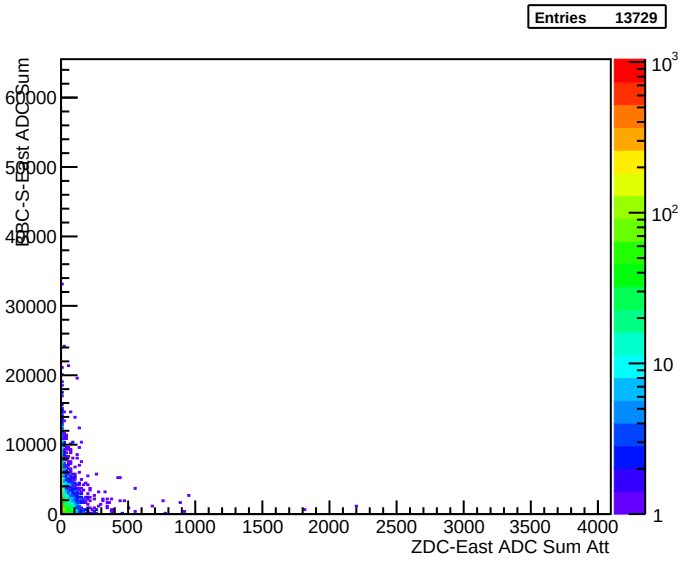

Entries 13729
TOF Mult
BBC-S-West ADC Sum

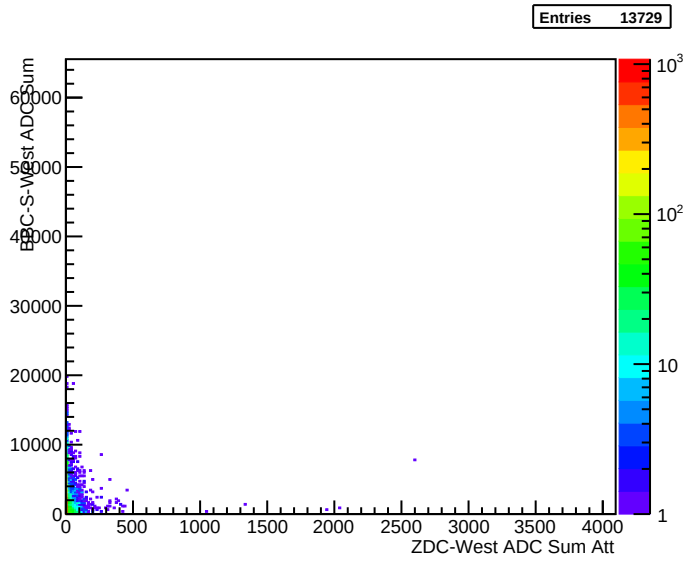

Entries 13729
TOF Mult
VPD-East ADC Sum

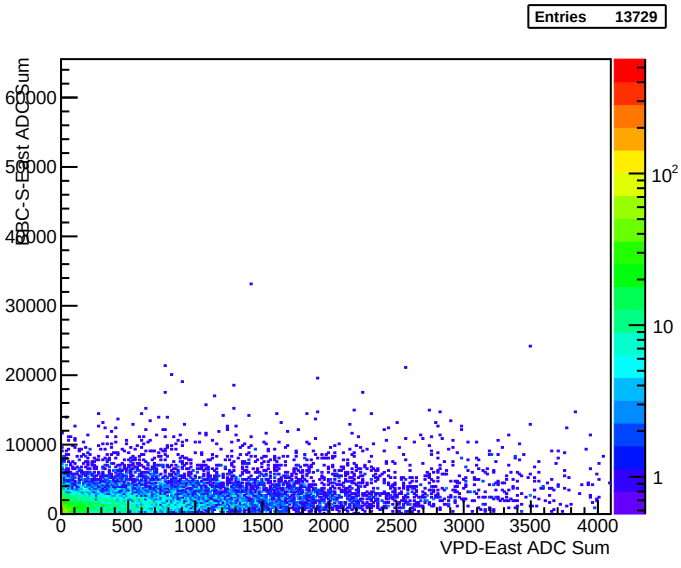

Entries 13729
TOF Mult
VPD-West ADC Sum

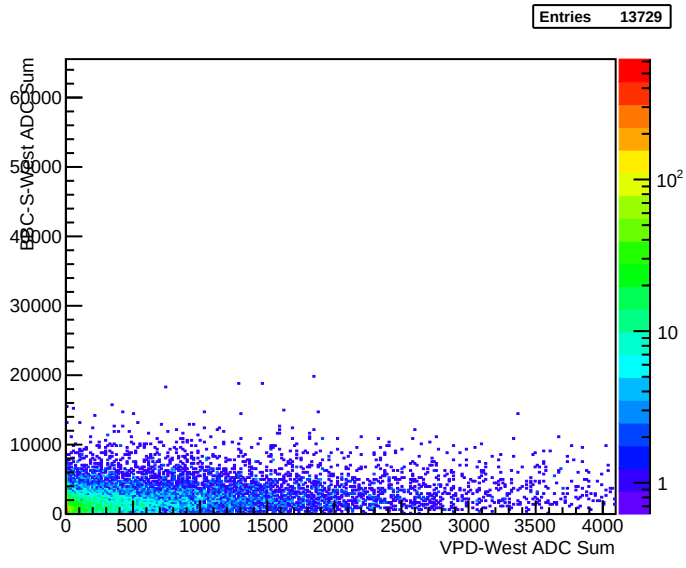

Entries 13729
TOF Mult
ZDC-East ADC Sum Att

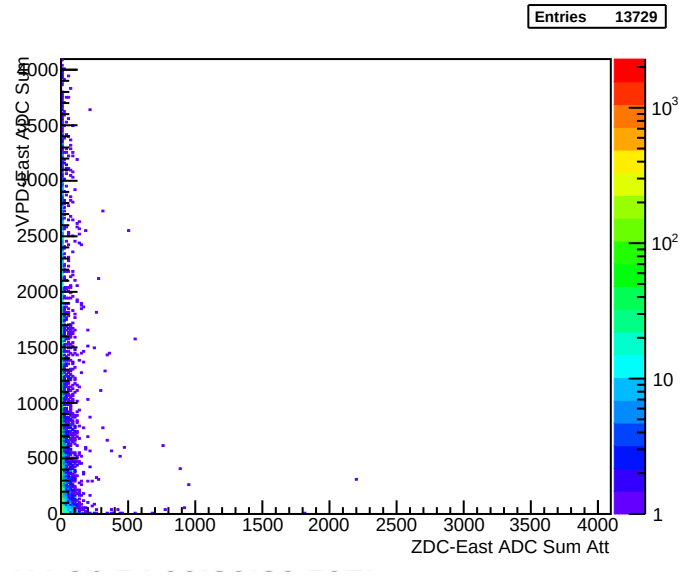

Entries 13729
TOF Mult
ZDC-West ADC Sum Att

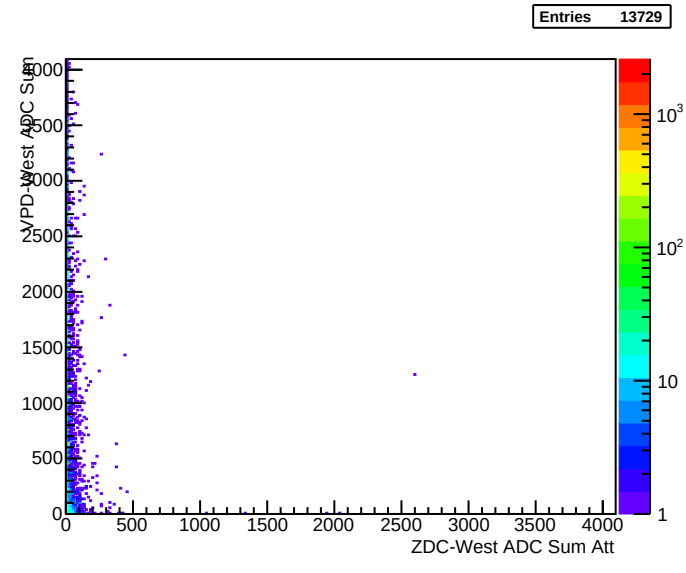

Entries 13729
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

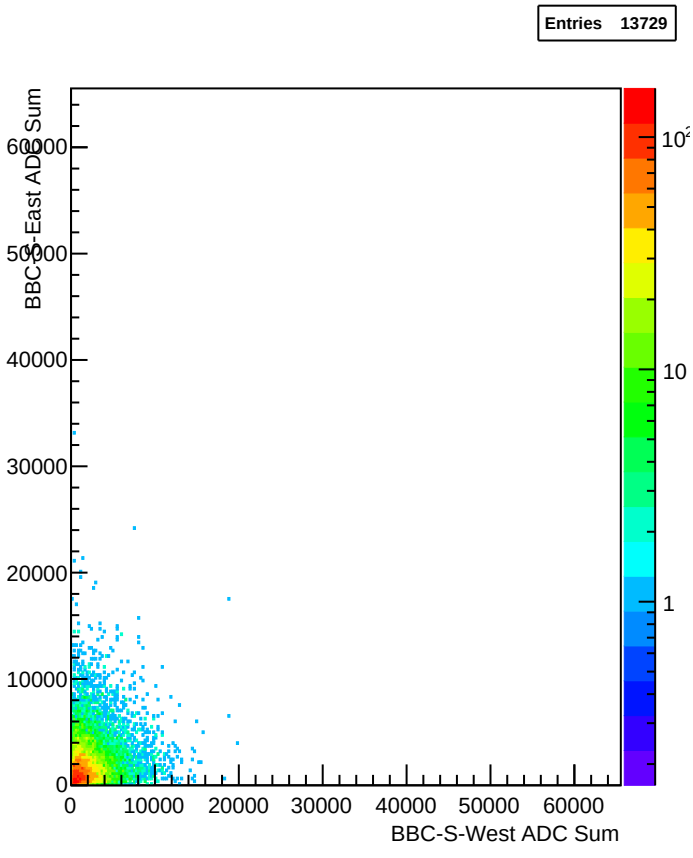

Entries 13729
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

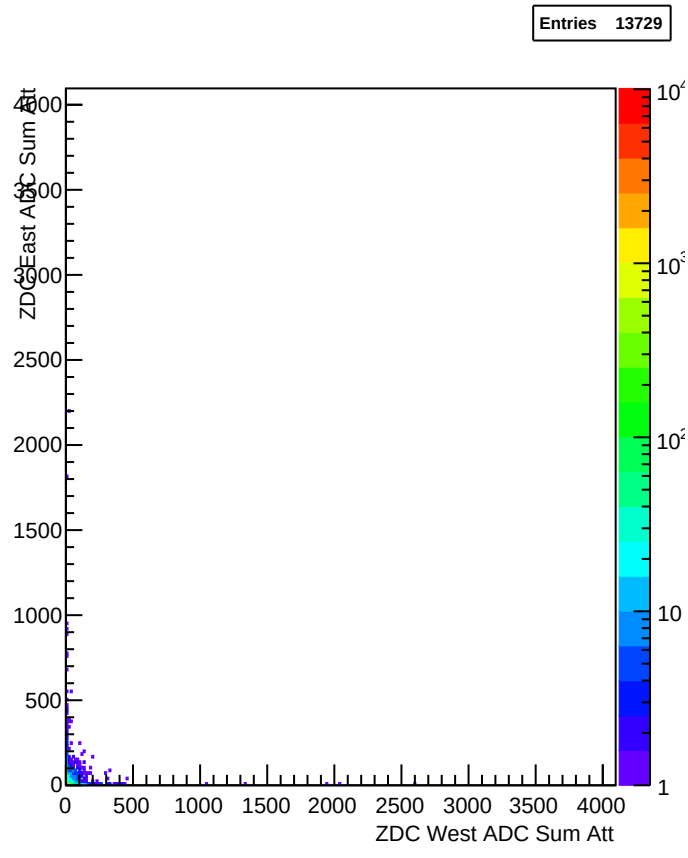

Entries 13729
BBC-S-East ADC Sum
VPD-East ADC Sum

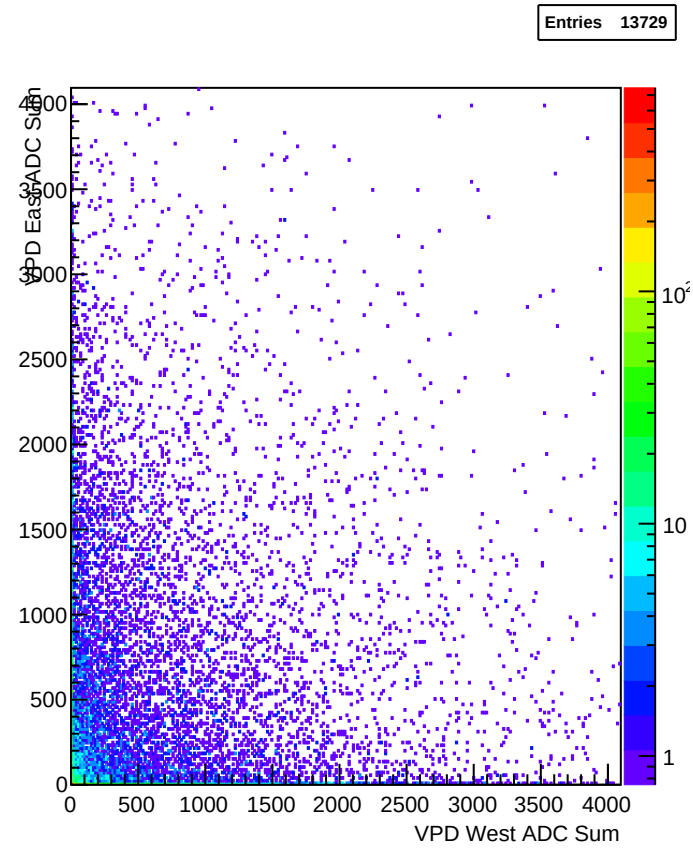

Entries 13729
BBC-S-West ADC Sum
VPD-West ADC Sum

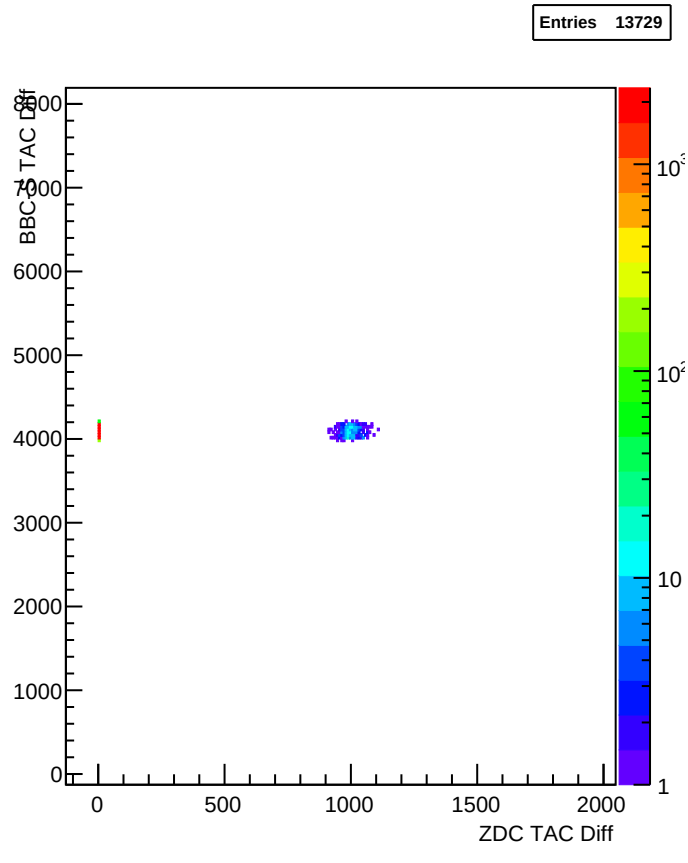

Entries 13729
VPD-East ADC Sum
ZDC-East ADC Sum Att

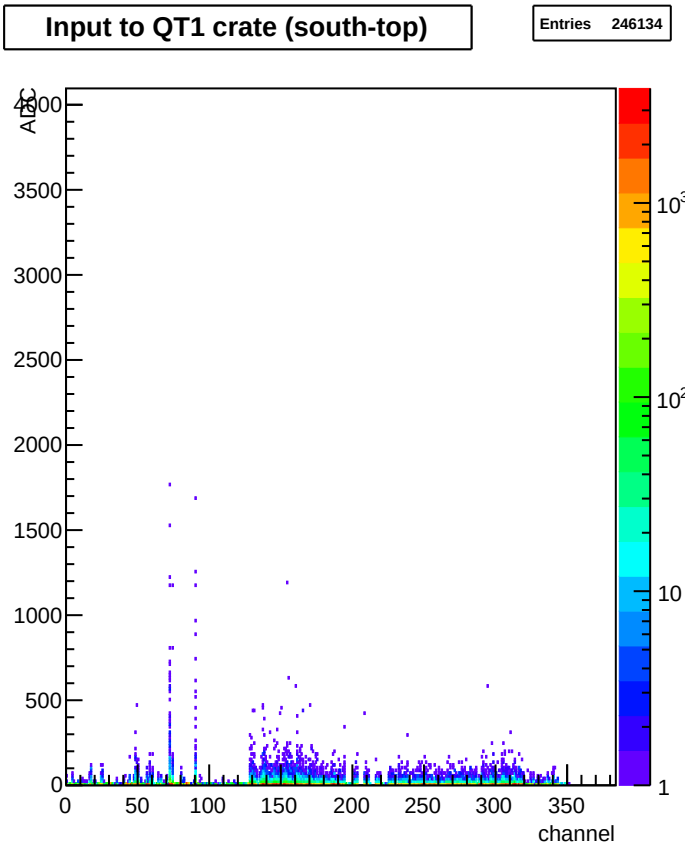

Entries 13729
VPD-West ADC Sum
ZDC-West ADC Sum Att

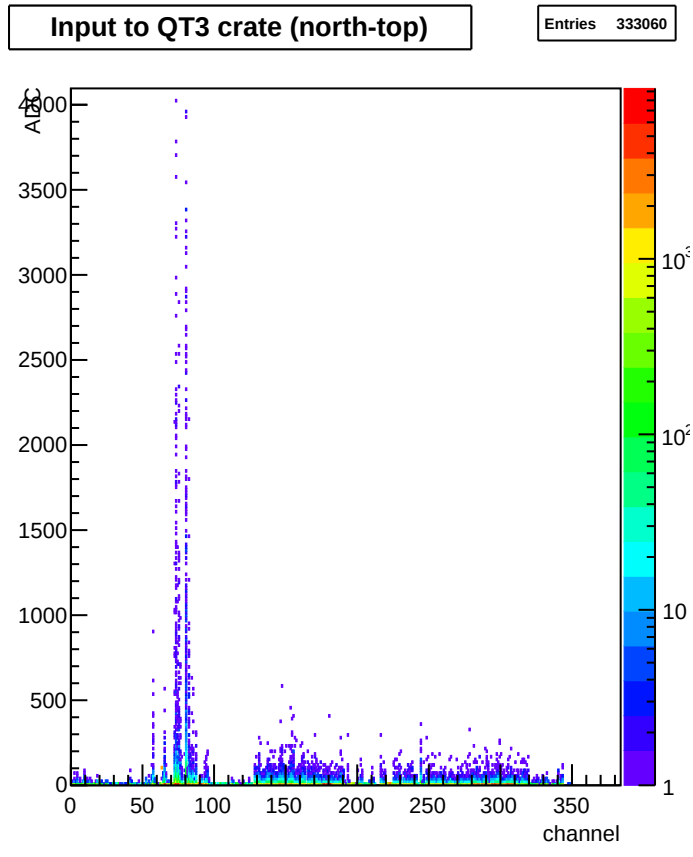

Entries 13729
BBC-S-East ADC Sum
BBC-S-West ADC Sum

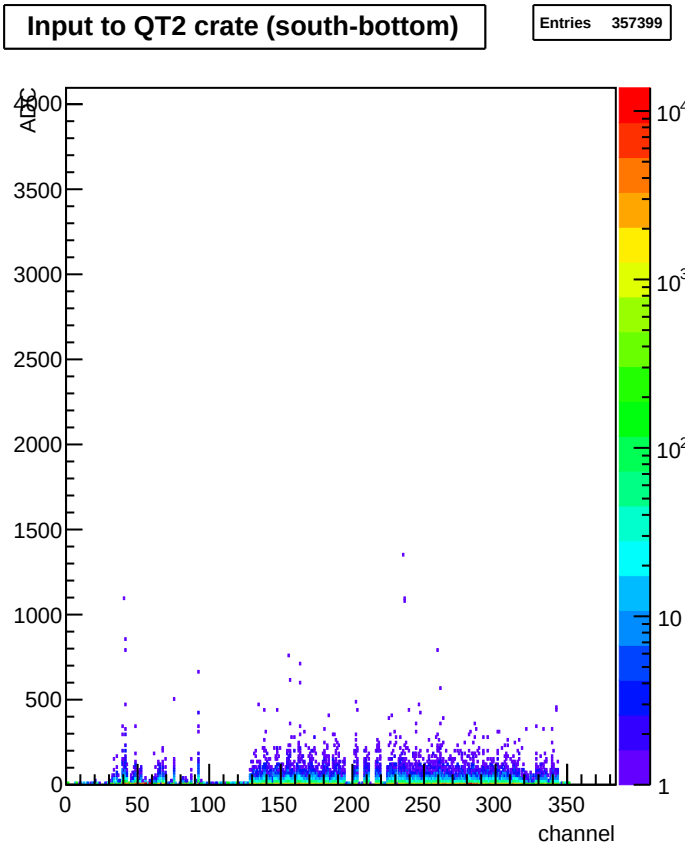

Entries 13729
ZDC East ADC Sum Att
ZDC West ADC Sum Att

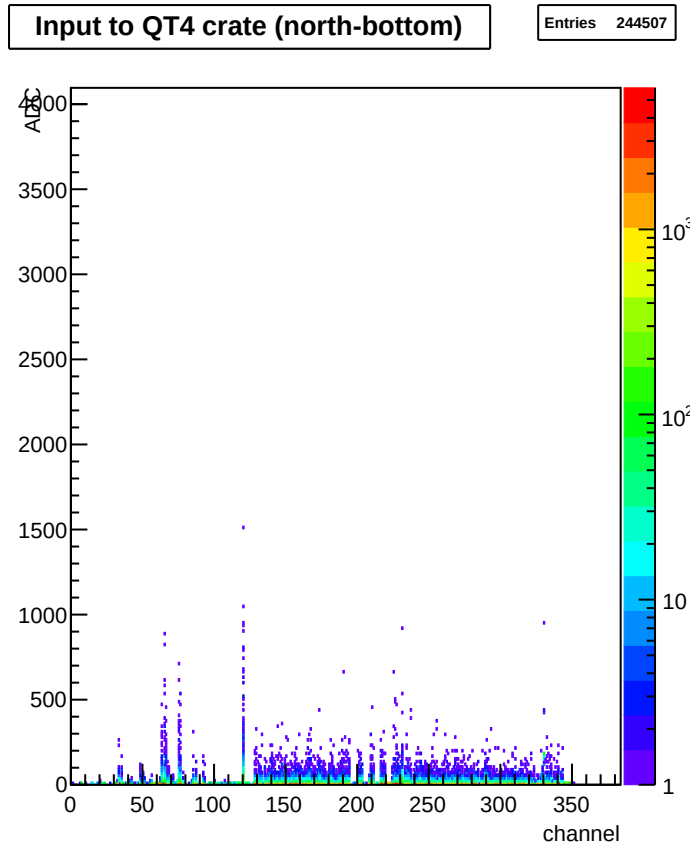

Entries 13729
VPD East ADC Sum
VPD West ADC Sum

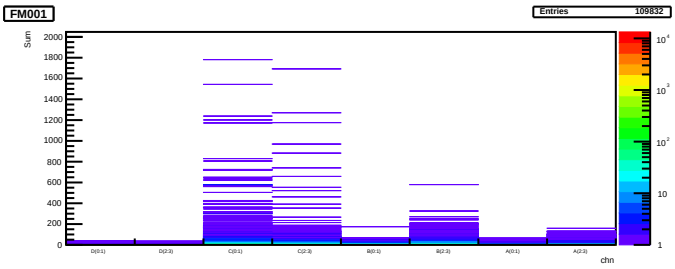

Entries 13729
BBC-S TAC Diff
ZDC TAC Diff

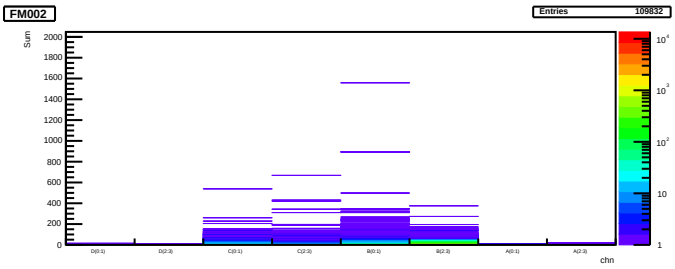

Input to QT1 crate (south-top)
Entries 246134
ADC
channel

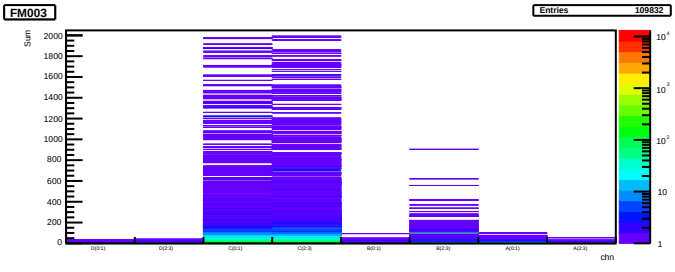

Input to QT3 crate (north-top)
Entries 333060
ADC
channel

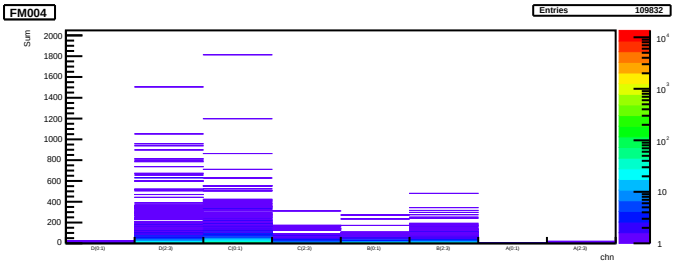

Input to QT2 crate (south-bottom)
Entries 357399
ADC
channel

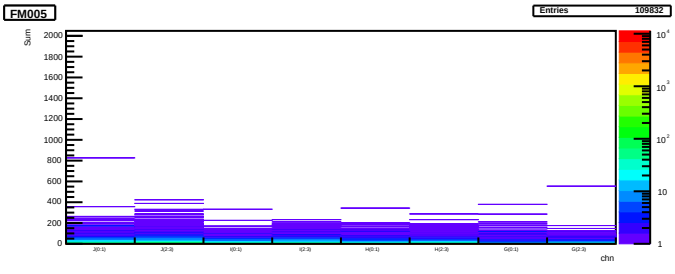

Input to QT4 crate (north-bottom)
Entries 244507
ADC
channel

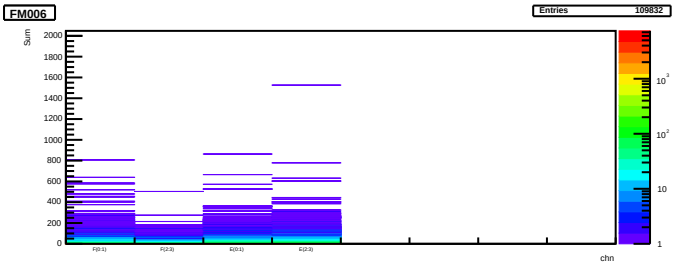

FM001
Entries 109832
Sum
chn

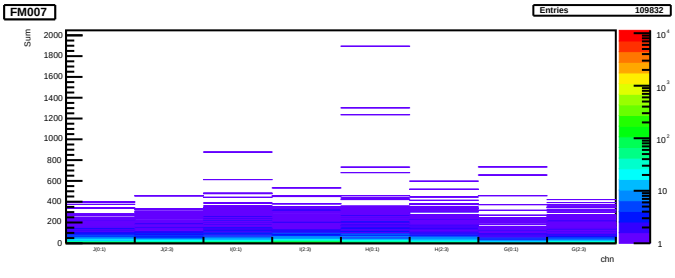

FM002
Entries 109832
Sum
chn

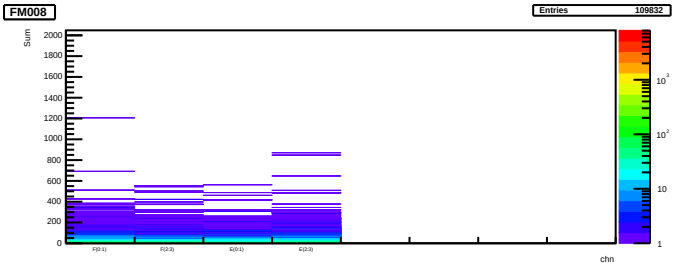

FM003
Entries 109832
Sum
chn

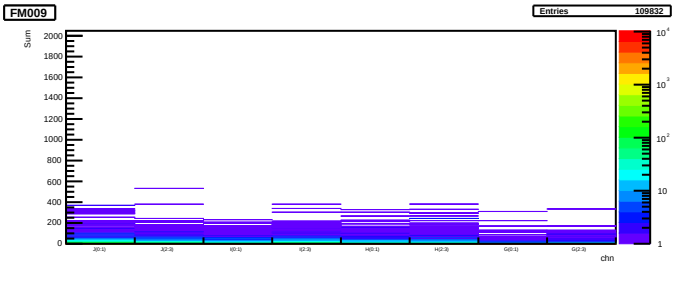

FM004
Entries 109832
Sum
chn

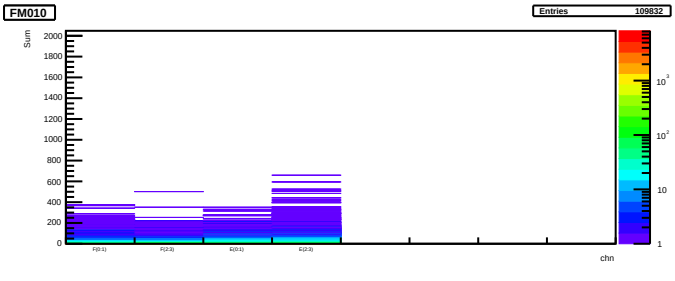

FM005
Entries 109832
Sum
chn

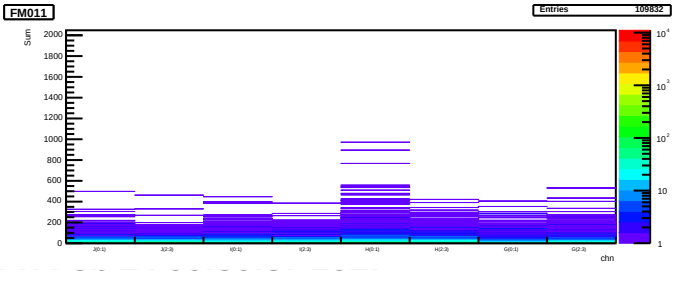

FM006
Entries 109832
Sum
chn

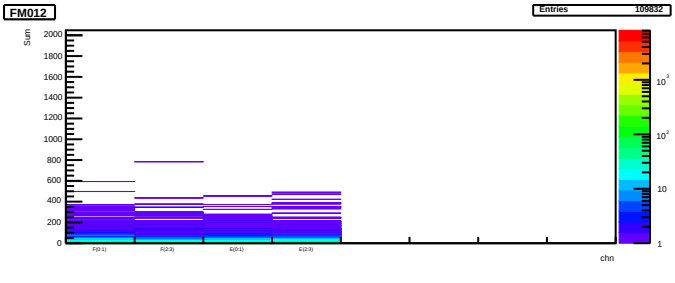

FM007
Entries 109832
Sum
chn

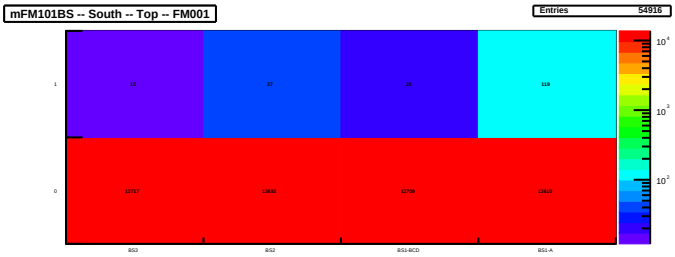

FM008
Entries 109832
Sum
chn

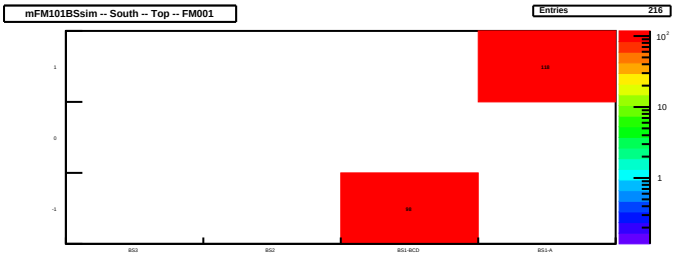

FM009
Entries 109832
Sum
chn

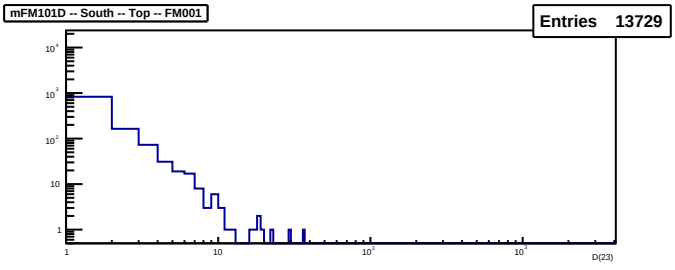

FM010
Entries 109832
Sum
chn

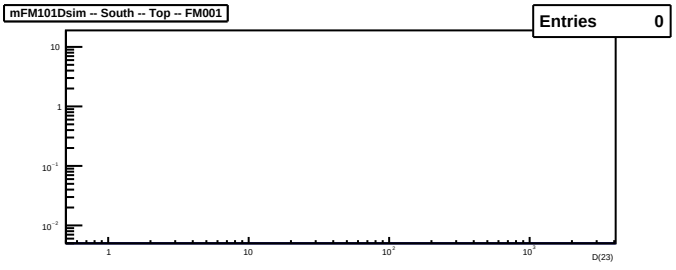

FM011
Entries 109832
Sum
chn

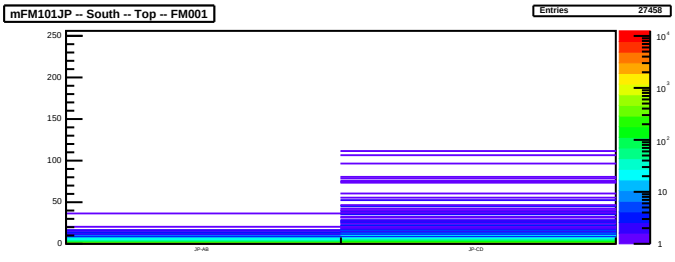

FM012
Entries 109832
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 54916

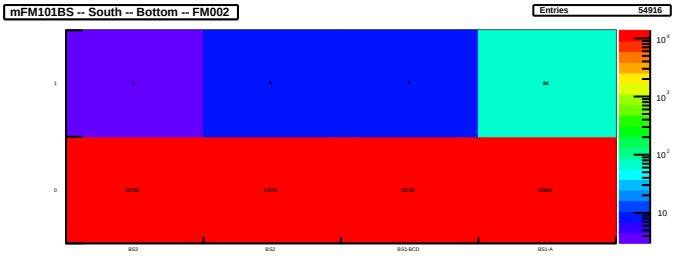

mFM101BSsim -- South -- Top -- FM001
Entries 216

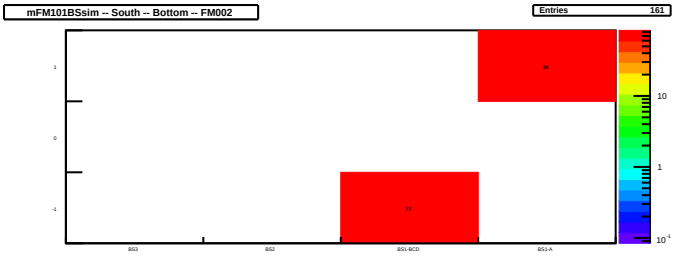

mFM101D -- South -- Top -- FM001
Entries 13729
D(23)

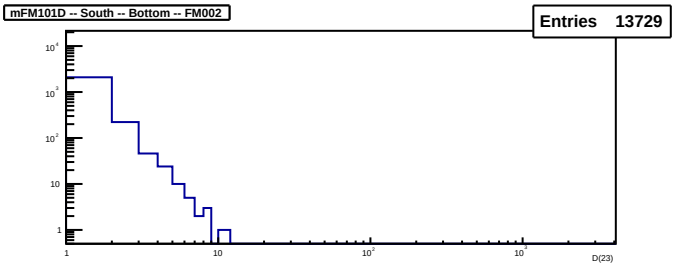

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 27458

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


mFM101BS -- South -- Bottom -- FM002
Entries 54916


mFM101BSsim -- South -- Bottom -- FM002
Entries 161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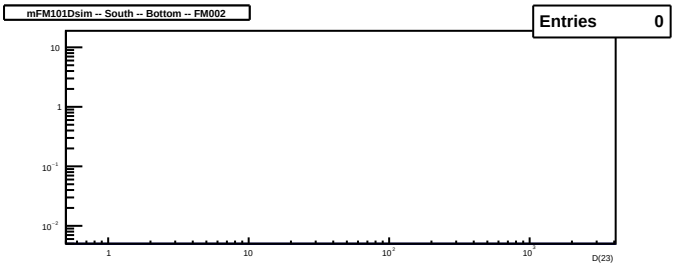
Entries 13729
D(23)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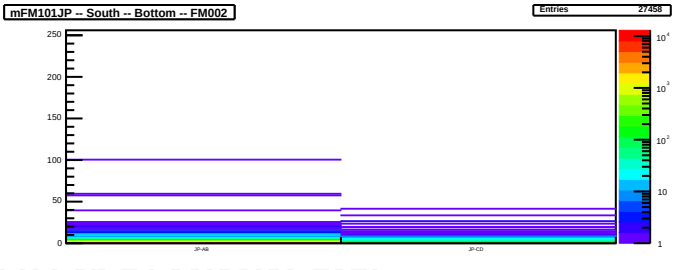
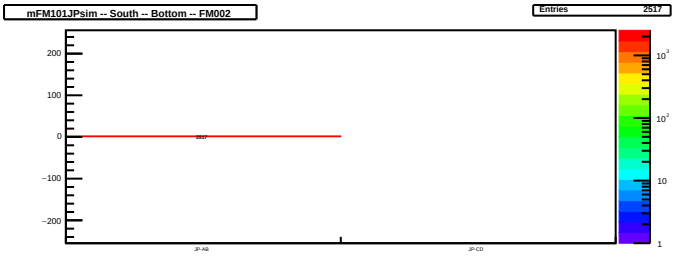
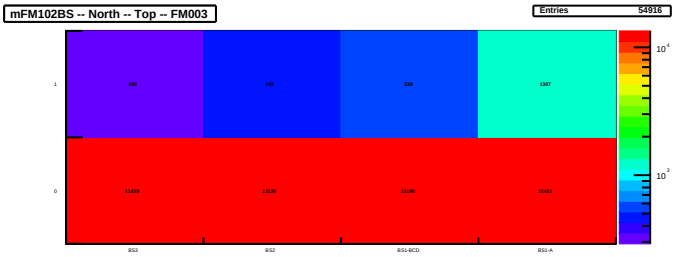
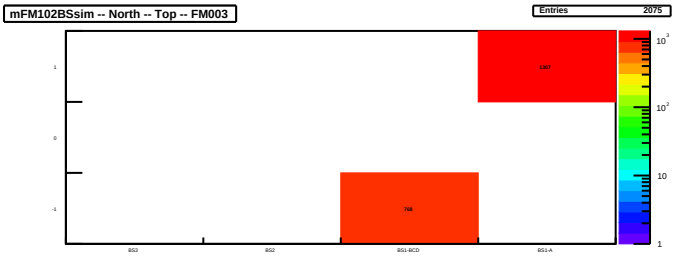
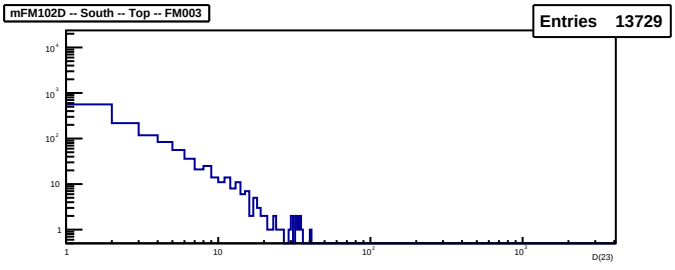
Entries 0
D(23)

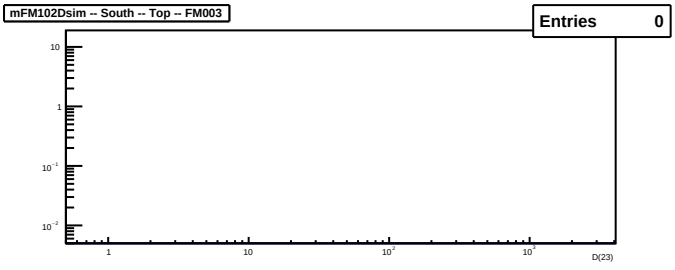

mFM101JP -- South -- Bottom -- FM002
Entries 27458


mFM101JPsim -- South -- Bottom -- FM002
Entries 2517


mFM102BS -- North -- Top -- FM003
Entries 54916
250
491
539
1307
13439
13236
13190
12422
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 2075
1307
768
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 13729
D(23)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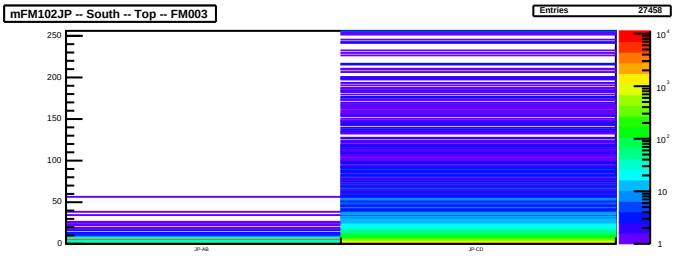
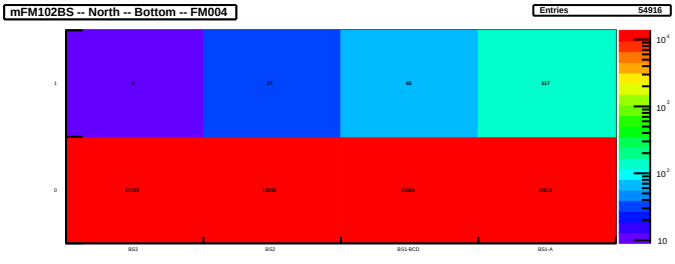
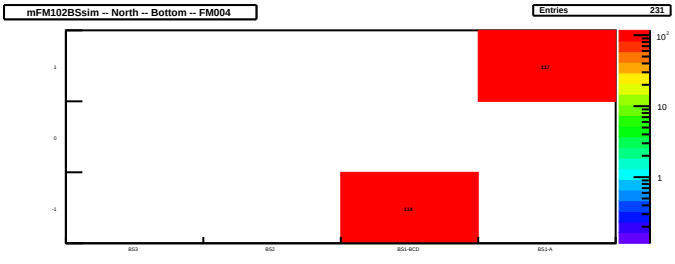
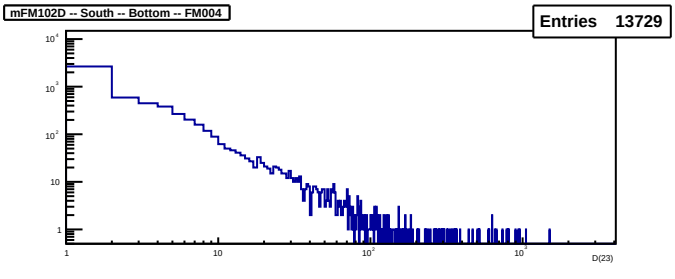
Entries 0
D(23)

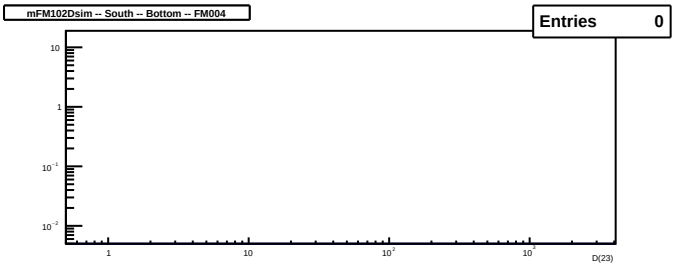

mFM102JP -- South -- Top -- FM003
Entries 27458
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 54916
9
37
66
117
13720
13692
13664
13612
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 231
117
114
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 13729
D(23)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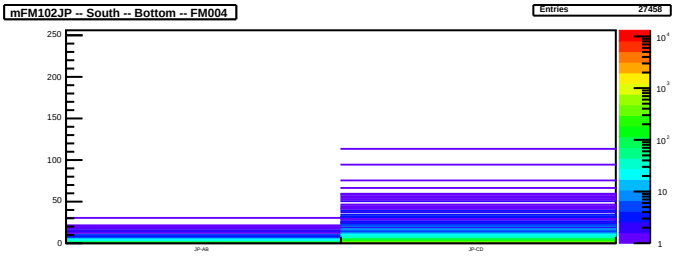
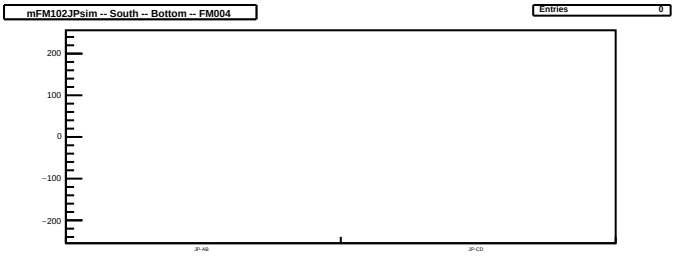
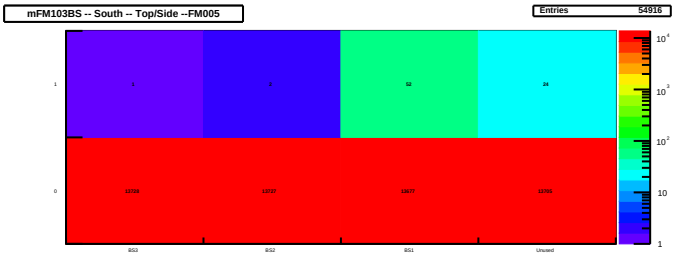
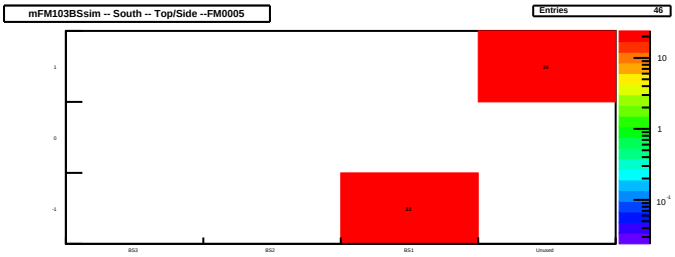
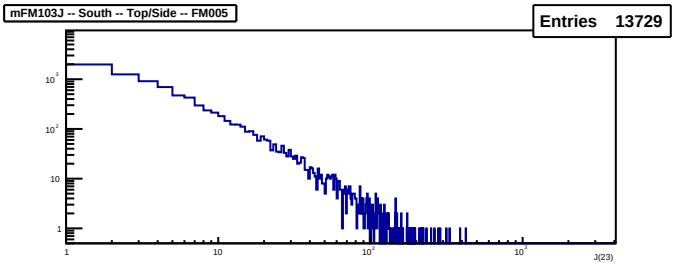
Entries 0
D(23)

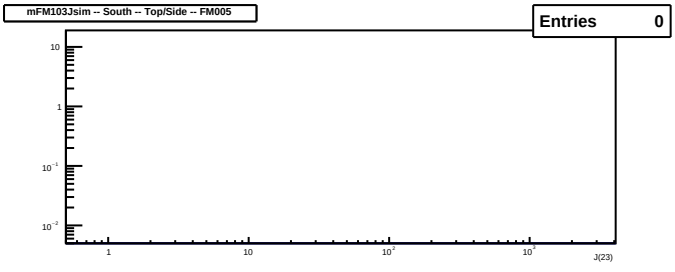

mFM102JP -- South -- Bottom -- FM004
Entries 27458
JP-AB
JP-CD

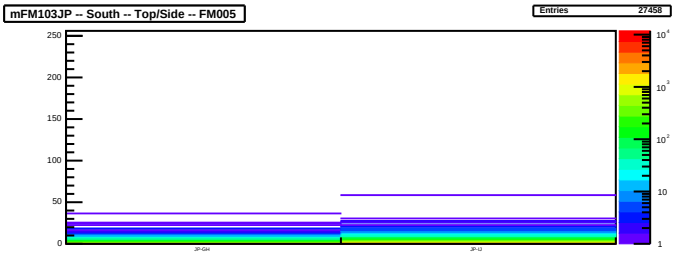

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

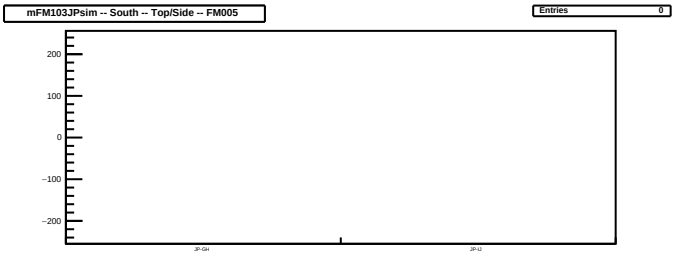

mFM103BS -- South -- Top/Side --FM005
Entries 54916

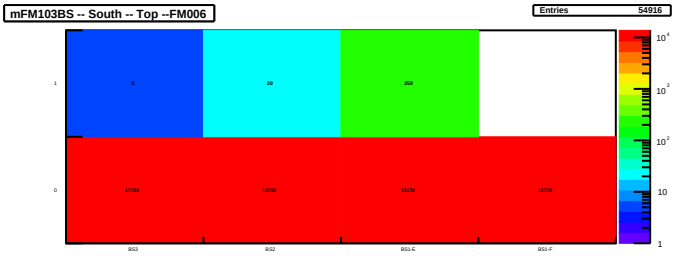

mFM103BSsim -- South -- Top/Side --FM0005
Entries 46

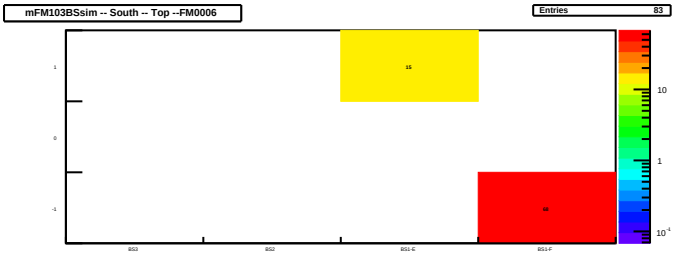

mFM103J -- South -- Top/Side -- FM005
Entries 13729
J(23)

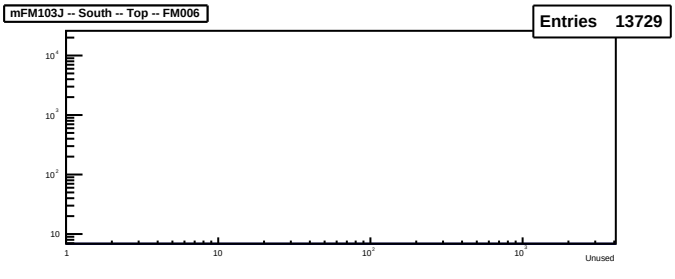

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

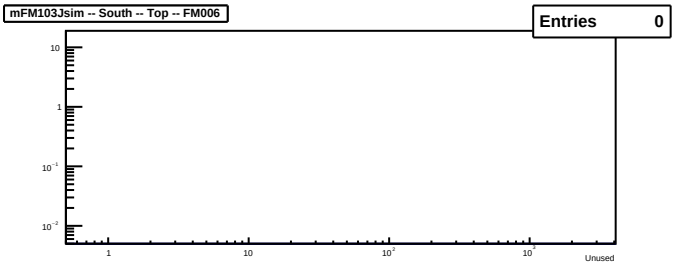

mFM103JP -- South -- Top/Side -- FM005
Entries 27458

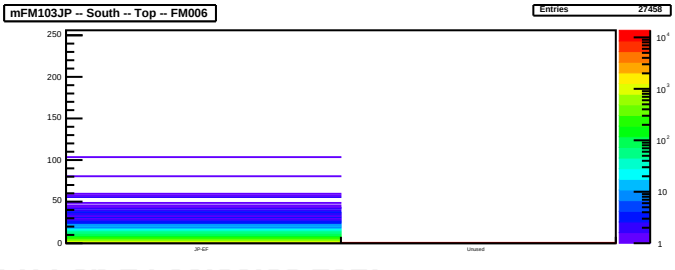

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0

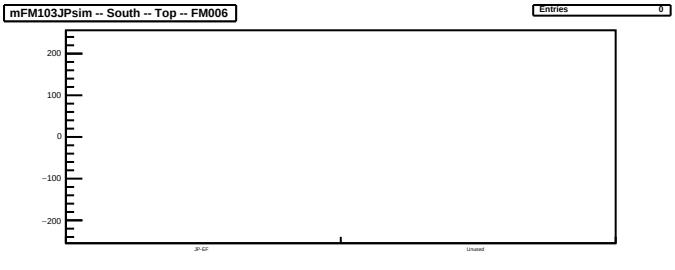

mFM103BS -- South -- Top --FM006
Entries 54916

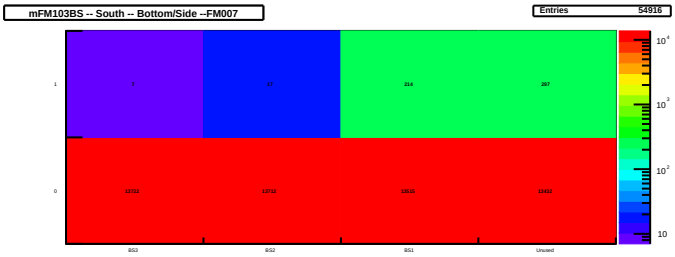

mFM103BSsim -- South -- Top --FM0006
Entries 83

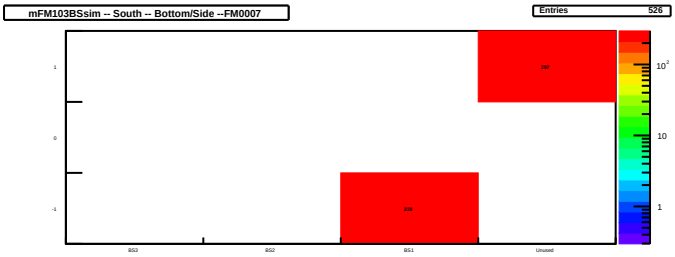

mFM103J -- South -- Top -- FM006
Entries 13729
Unused

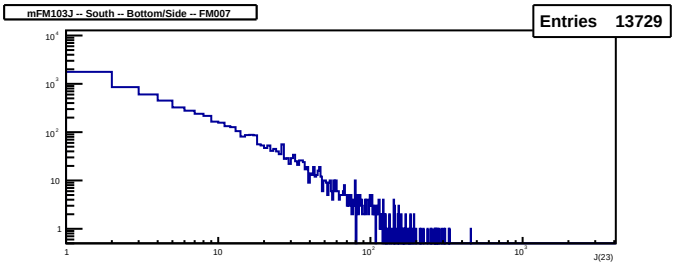

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

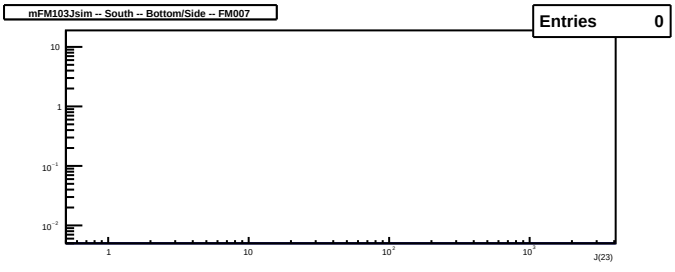

mFM103JP -- South -- Top -- FM006
Entries 27458

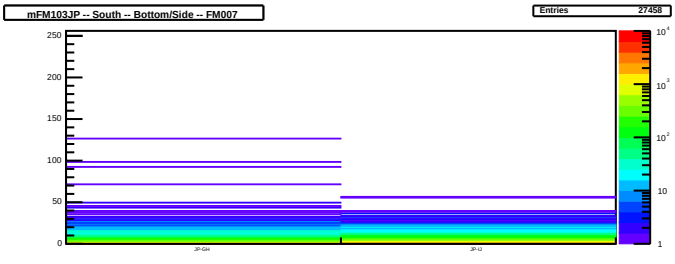

mFM103JPsim -- South -- Top -- FM006
Entries 0

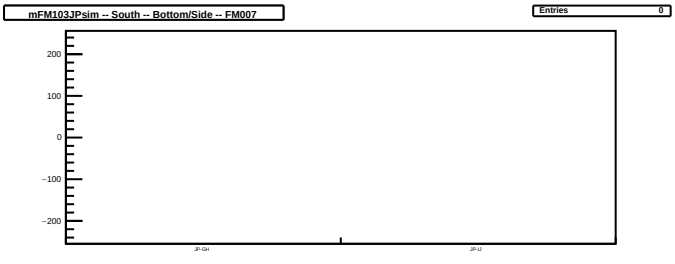

mFM103BS -- South -- Bottom/Side --FM007
Entries 54916
7
17
214
297
13722
13712
13515
13432
BS3
BS2
BS1
Unused

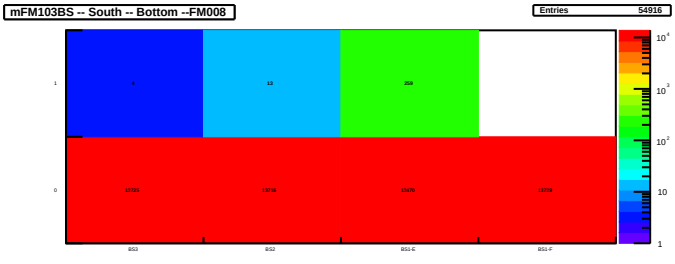

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 526
297
229
BS3
BS2
BS1
Unused

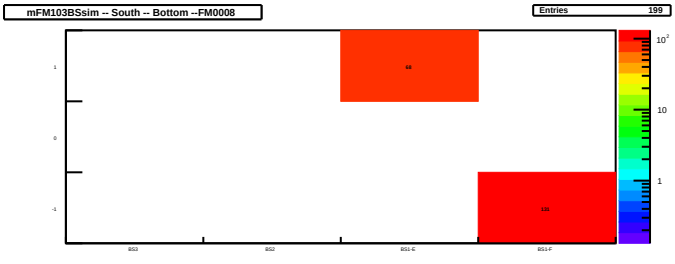

mFM103J -- South -- Bottom/Side -- FM007
Entries 13729
J(23)

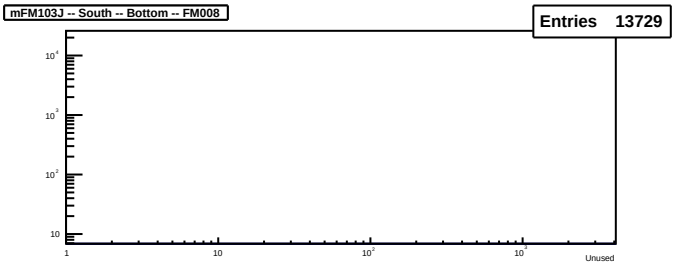

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

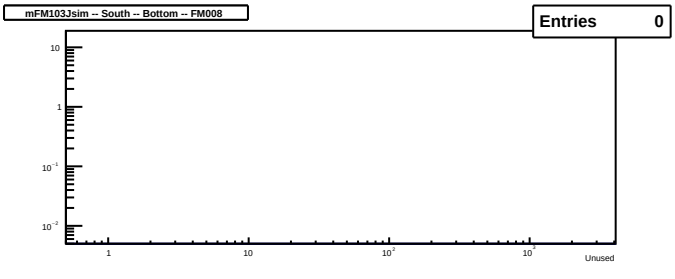

mFM103JP -- South -- Bottom/Side -- FM007
Entries 27458
JP-GH
JP-IJ

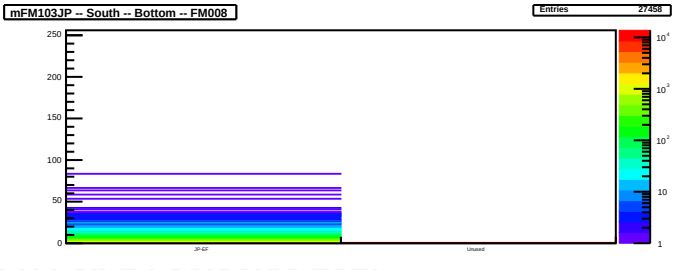

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

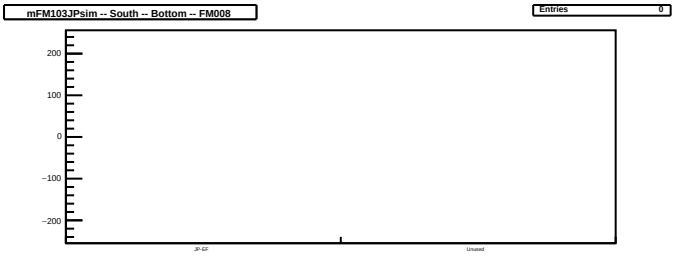

mFM103BS -- South -- Bottom --FM008
Entries 54916
4
13
258
13725
13716
13470
13729
BS3
BS2
BS1-E
BS1-F

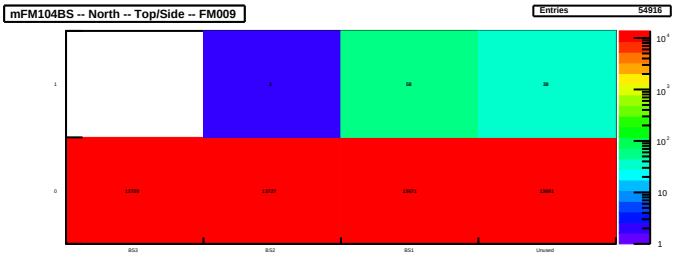

mFM103BSsim -- South -- Bottom --FM0008
Entries 199
68
131
BS3
BS2
BS1-E
BS1-F

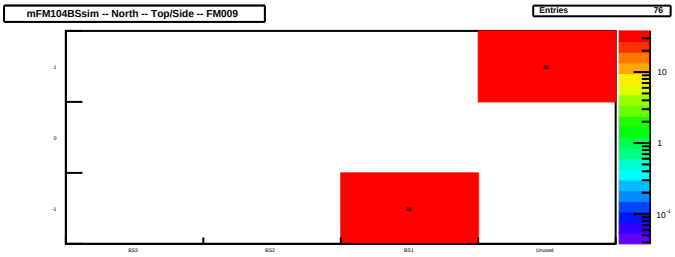

mFM103J -- South -- Bottom -- FM008
Entries 13729
Unused

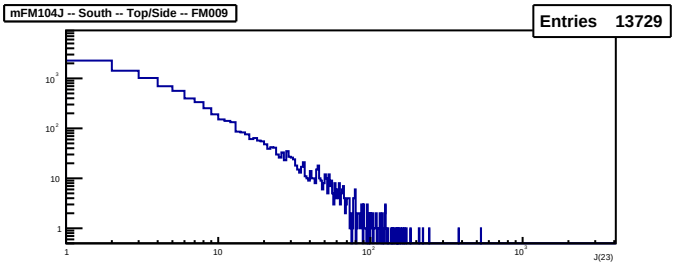

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

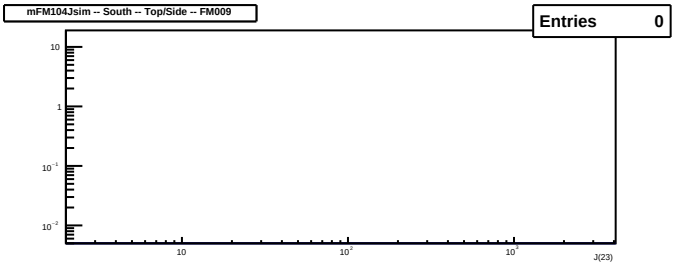

mFM103JP -- South -- Bottom -- FM008
Entries 27458
JP-EF
Unused

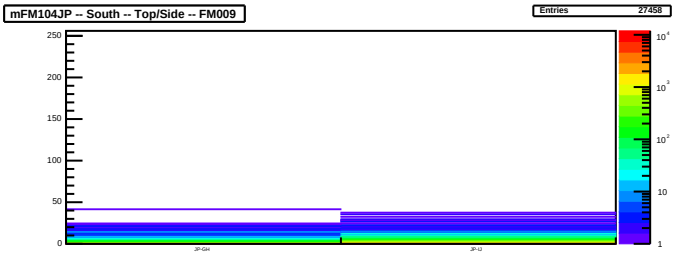

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

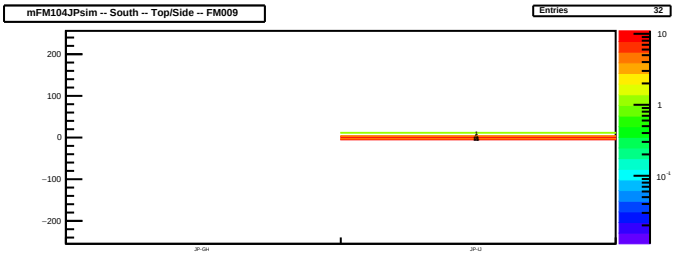

mFM104BS -- North -- Top/Side -- FM009
Entries 54916

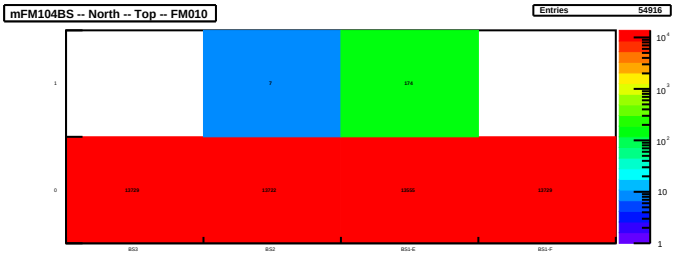

mFM104BSsim -- North -- Top/Side -- FM009
Entries 76

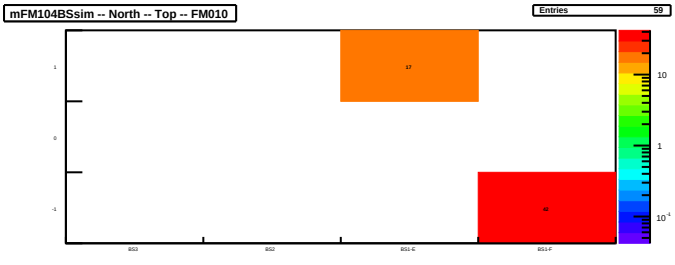

mFM104J -- South -- Top/Side -- FM009
Entries 13729
J(23)

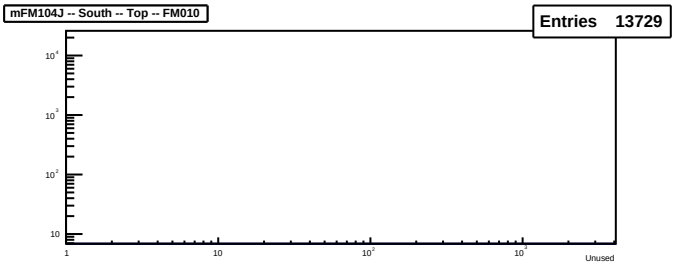

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

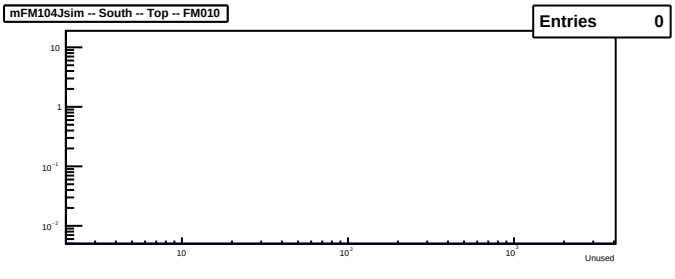

mFM104JP -- South -- Top/Side -- FM009
Entries 27458

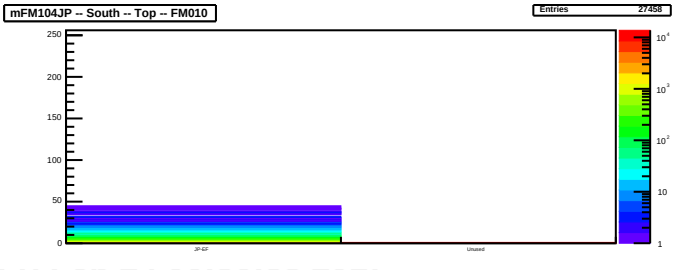

mFM104JPsim -- South -- Top/Side -- FM009
Entries 32

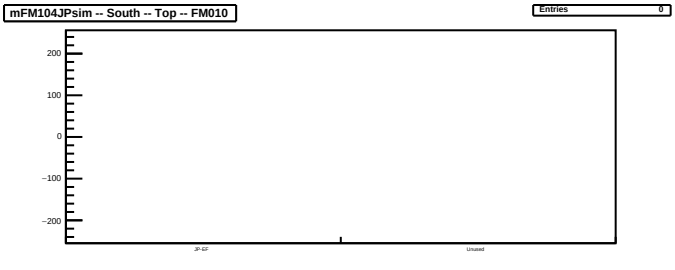

mFM104BS -- North -- Top -- FM010
Entries 54916

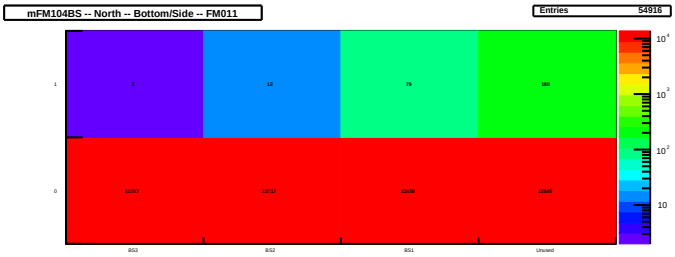

mFM104BSsim -- North -- Top -- FM010
Entries 59

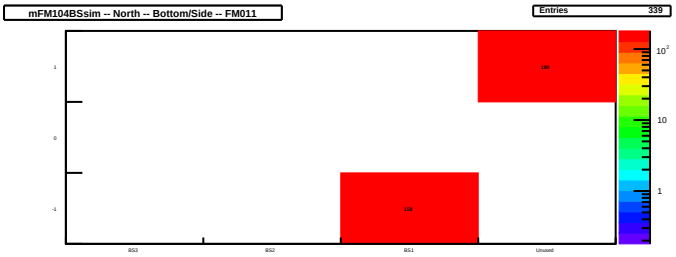

mFM104J -- South -- Top -- FM010
Entries 13729
Unused

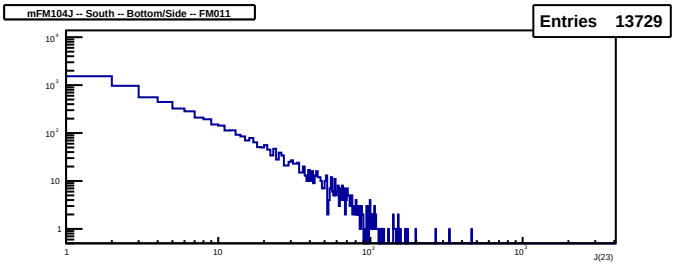

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

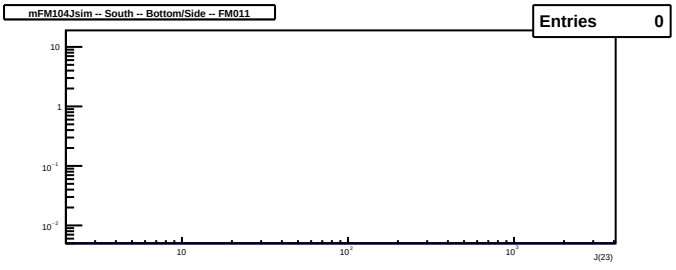

mFM104JP -- South -- Top -- FM010
Entries 27458

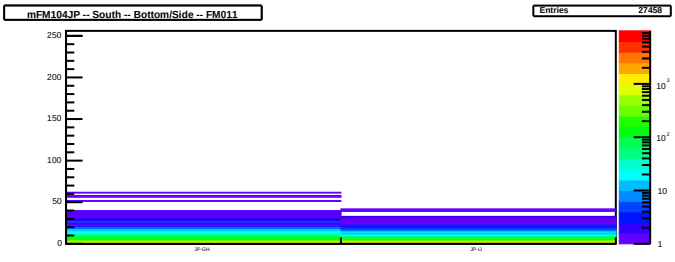

mFM104JPsim -- South -- Top -- FM010
Entries 0

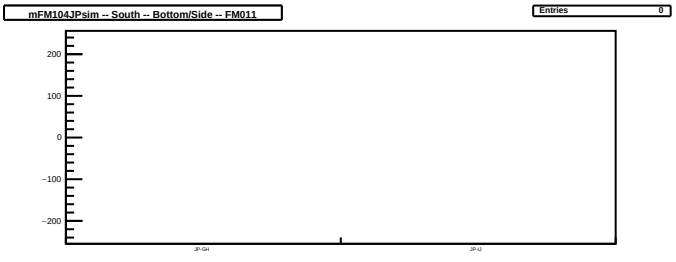

mFM104BS -- North -- Bottom/Side -- FM011
Entries 54916

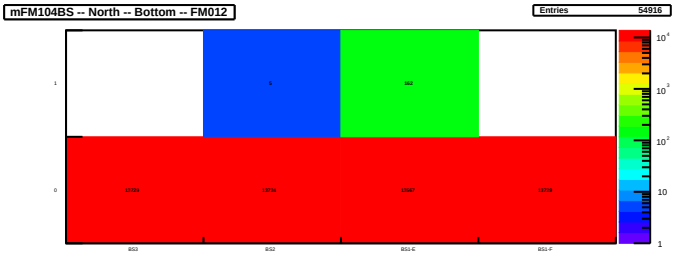

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 339

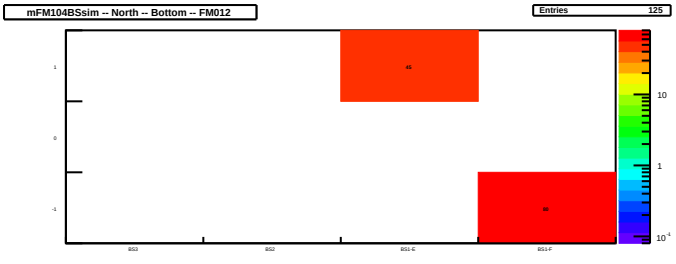

mFM104J -- South -- Bottom/Side -- FM011
Entries 13729
J(23)

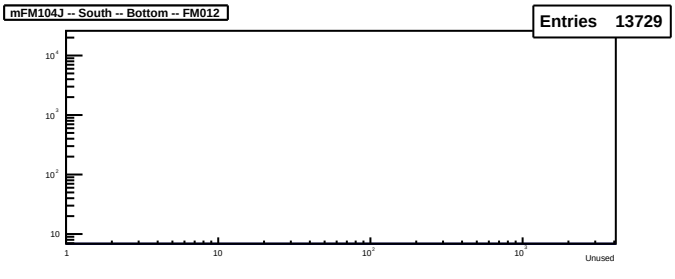

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

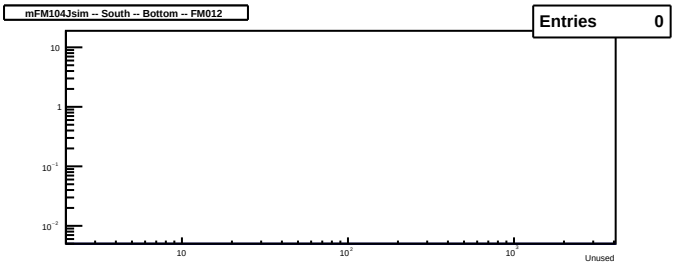

mFM104JP -- South -- Bottom/Side -- FM011
Entries 27458

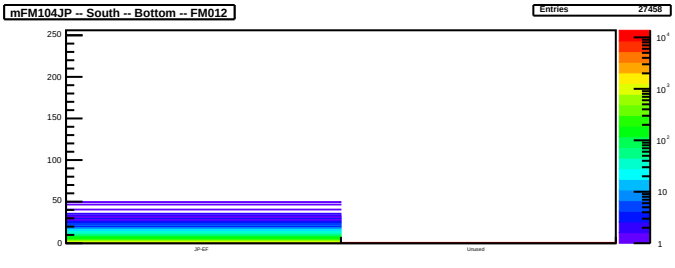

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0


mFM104BS -- North -- Bottom -- FM012
Entries 54916

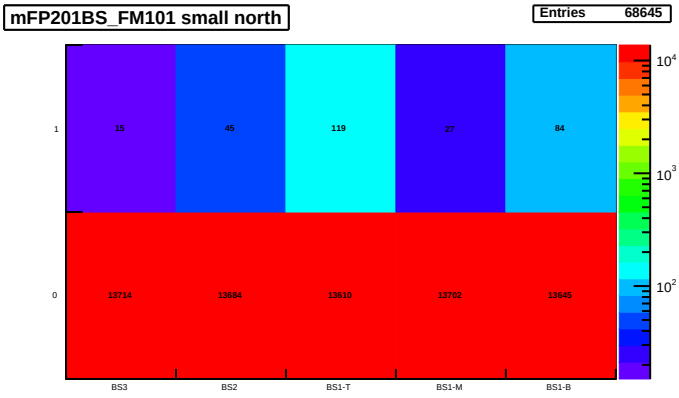

mFM104BSsim -- North -- Bottom -- FM012
Entries 125

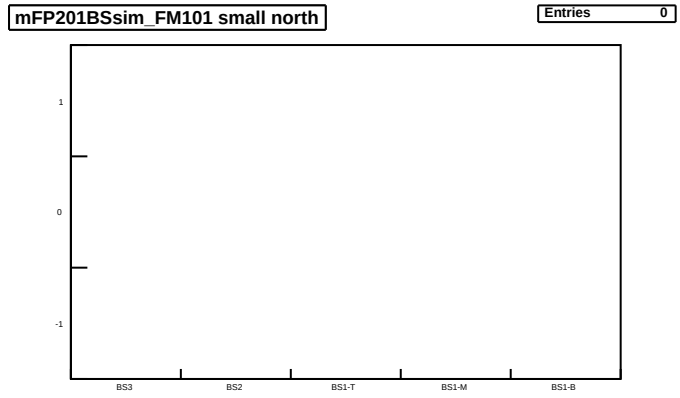

mFM104J -- South -- Bottom -- FM012
Entries 13729
Unused

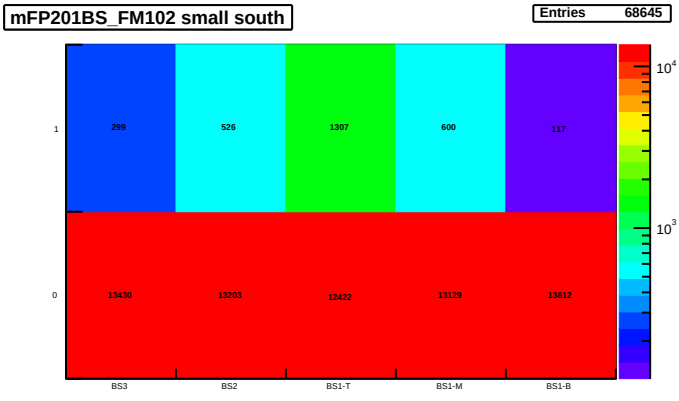

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

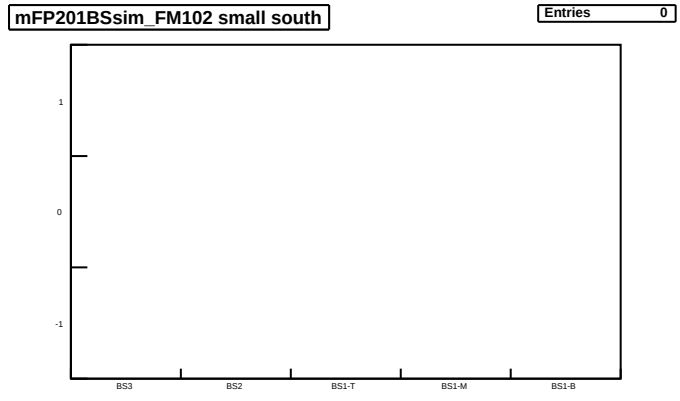

mFM104JP -- South -- Bottom -- FM012
Entries 27458

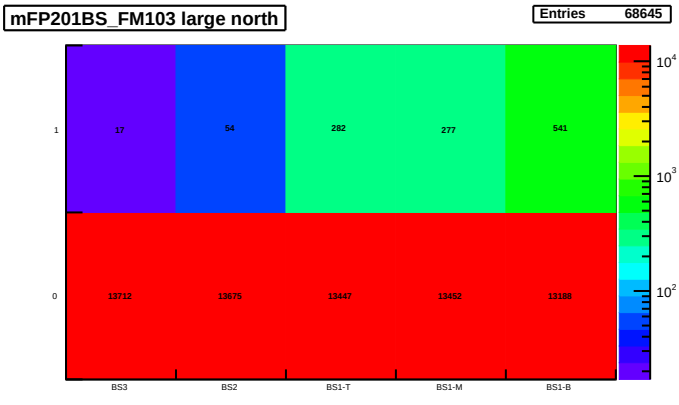
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

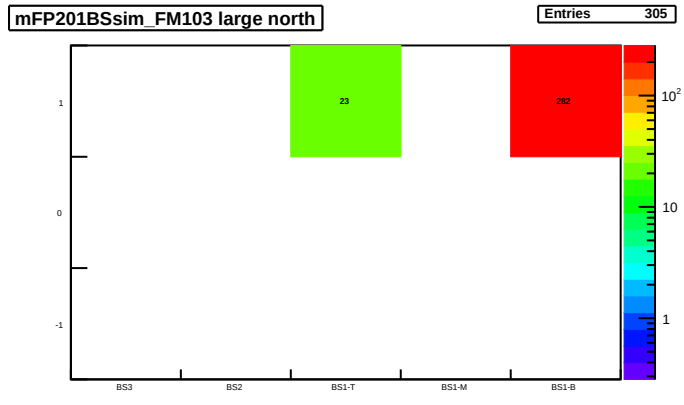

mFP201BS_FM101 small north
Entries 68645
15
45
119
27
84
13714
13684
13610
13702
13645
BS3
BS2
BS1-T
BS1-M
BS1-B

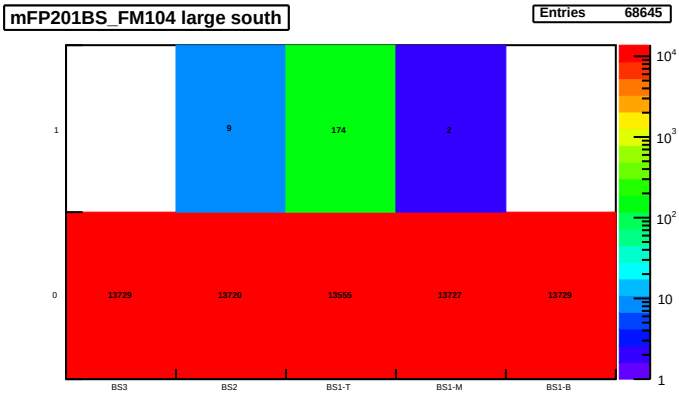

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

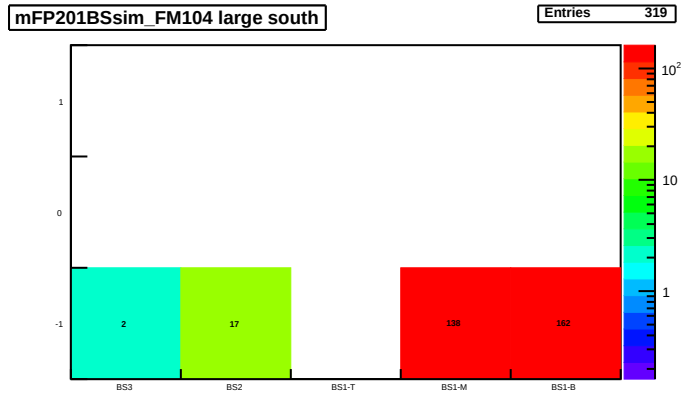

mFP201BS_FM102 small south
Entries 68645
299
526
1307
600
117
13430
13203
12422
13129
13612
BS3
BS2
BS1-T
BS1-M
BS1-B

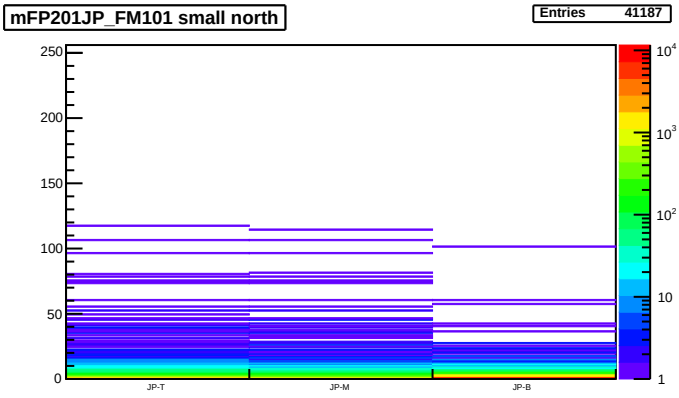

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

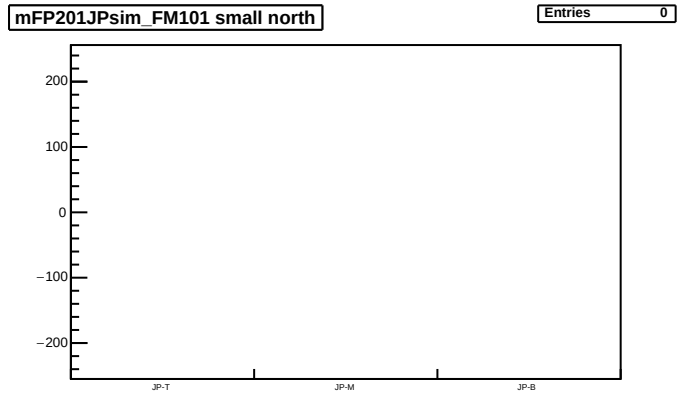

mFP201BS_FM103 large north
Entries 68645
17
54
282
277
541
13712
13675
13447
13452
13188
BS3
BS2
BS1-T
BS1-M
BS1-B

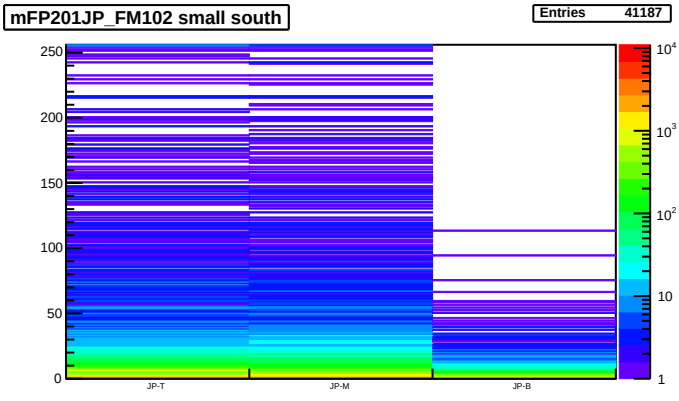

mFP201BSsim_FM103 large north
Entries 305
23
282
BS3
BS2
BS1-T
BS1-M
BS1-B

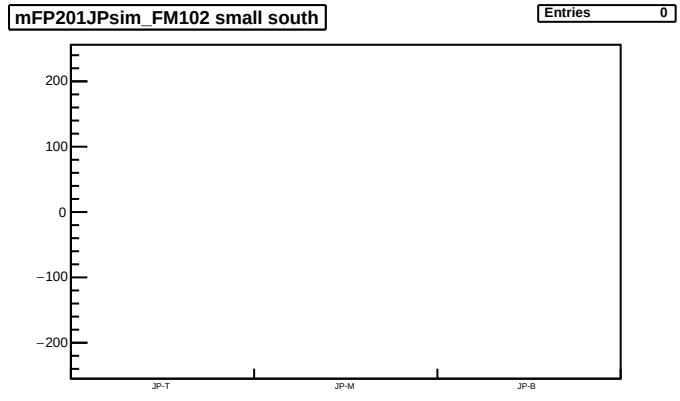

mFP201BS_FM104 large south
Entries 68645
9
174
2
13729
13720
13555
13727
13729
BS3
BS2
BS1-T
BS1-M
BS1-B

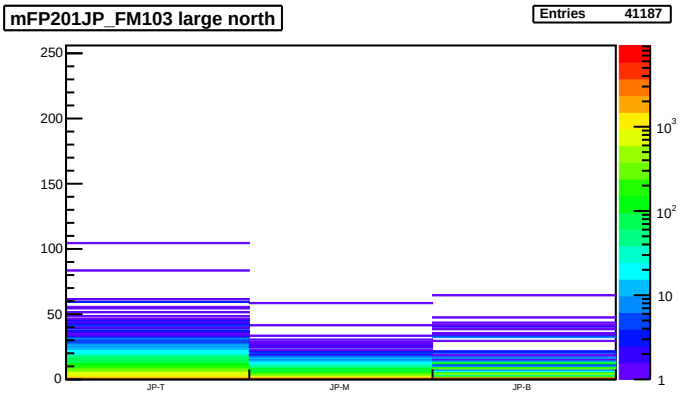

mFP201BSsim_FM104 large south
Entries 319
2
17
138
162
BS3
BS2
BS1-T
BS1-M
BS1-B

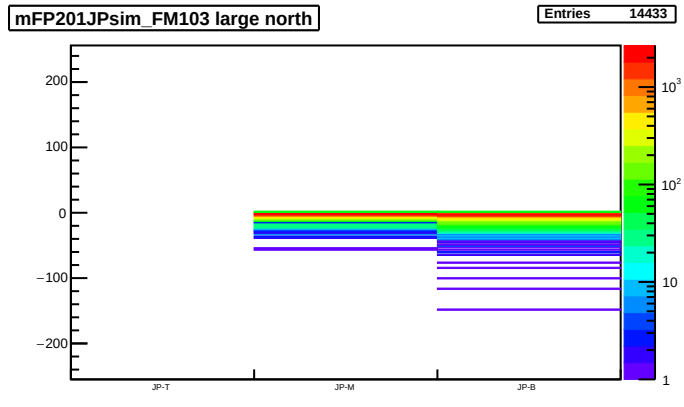

mFP201JP_FM101 small north
Entries 41187
JP-T
JP-M
JP-B

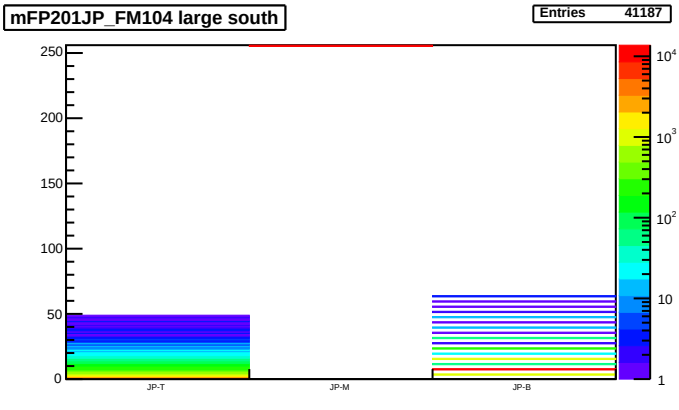

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

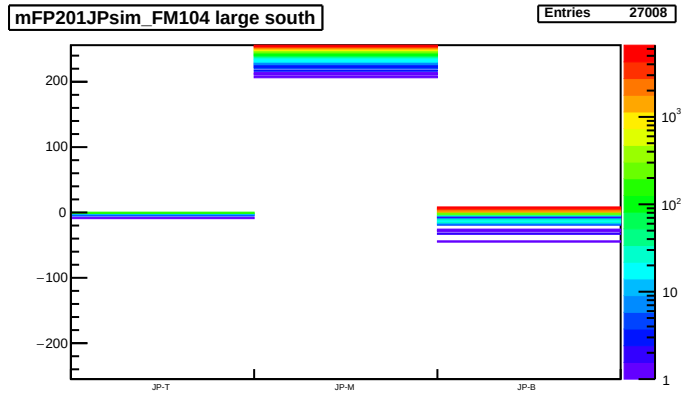

mFP201JP_FM102 small south
Entries 41187
JP-T
JP-M
JP-B

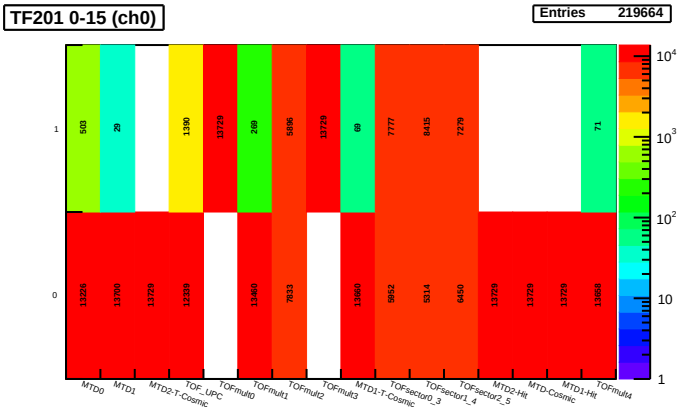

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

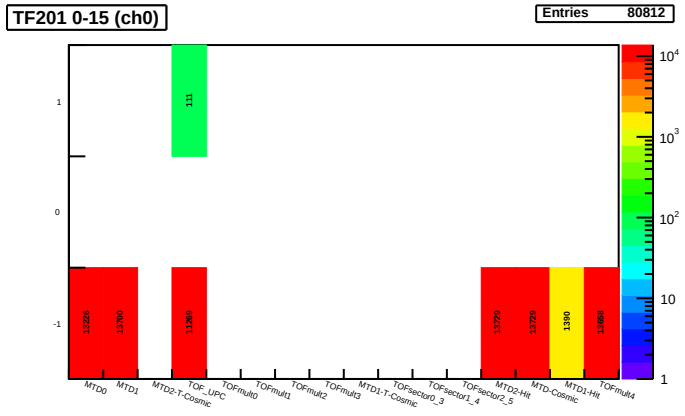

mFP201JP_FM103 large north
Entries 41187
JP-T
JP-M
JP-B

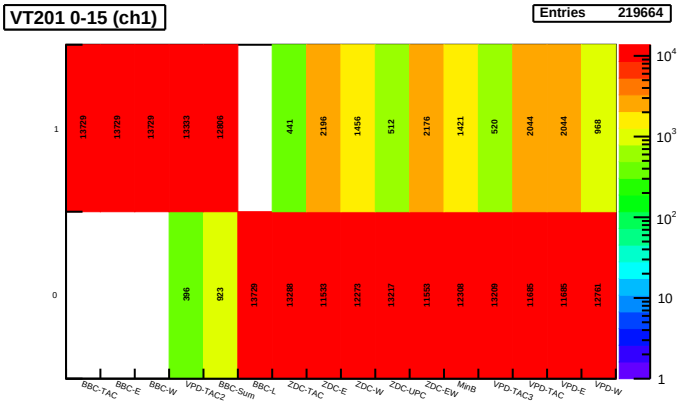

mFP201JPsim_FM103 large north
Entries 14433
JP-T
JP-M
JP-B

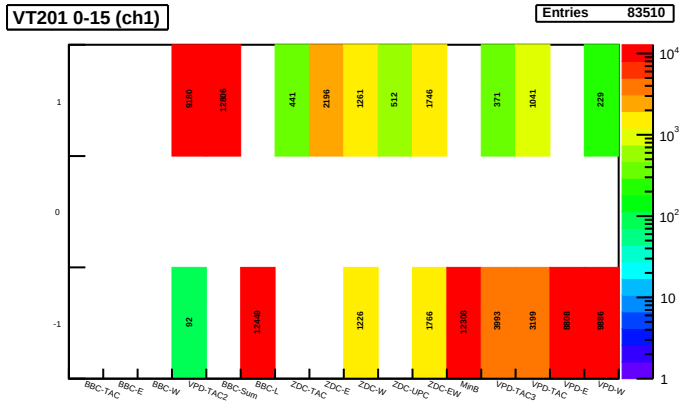

mFP201JP_FM104 large south
Entries 41187
JP-T
JP-M
JP-B

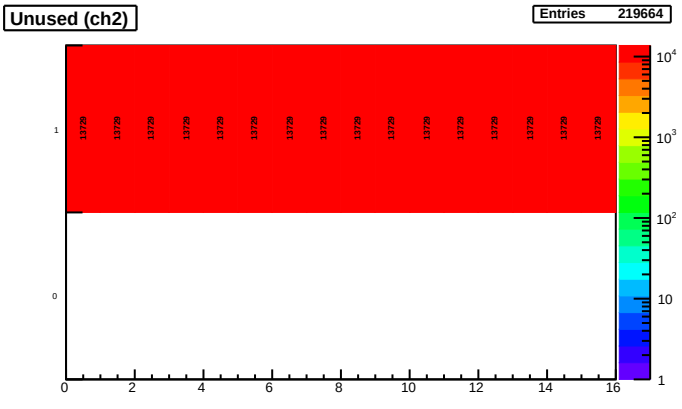

mFP201JPsim_FM104 large south
Entries 27008
JP-T
JP-M
JP-B

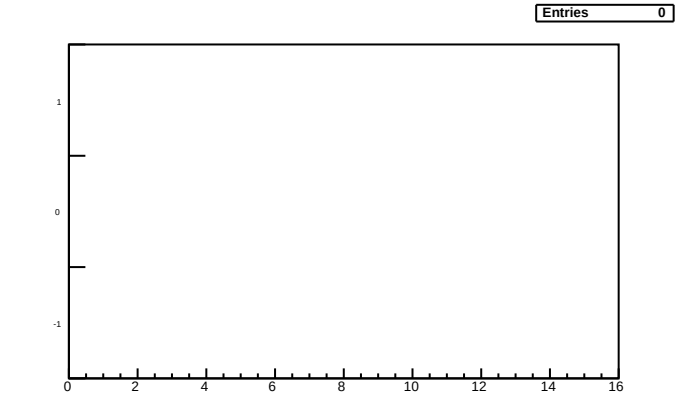

TF201 0-15 (ch0)
Entries 219664
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

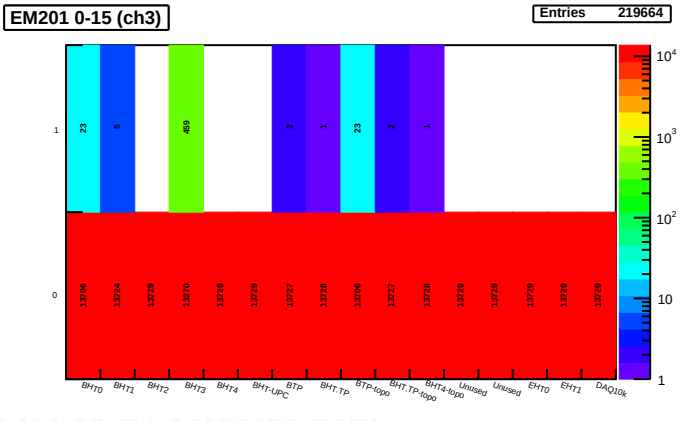

TF201 0-15 (ch0)
Entries 80812
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

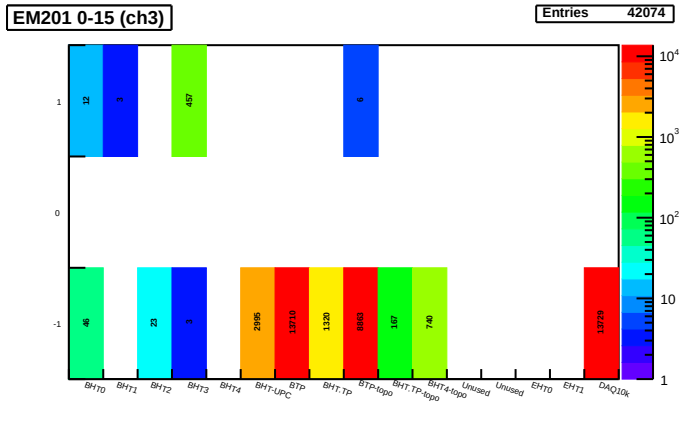

VT201 0-15 (ch1)
Entries 219664
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

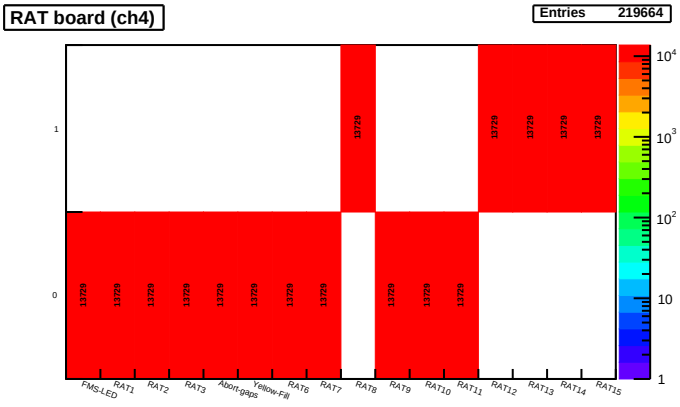

VT201 0-15 (ch1)
Entries 83510
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

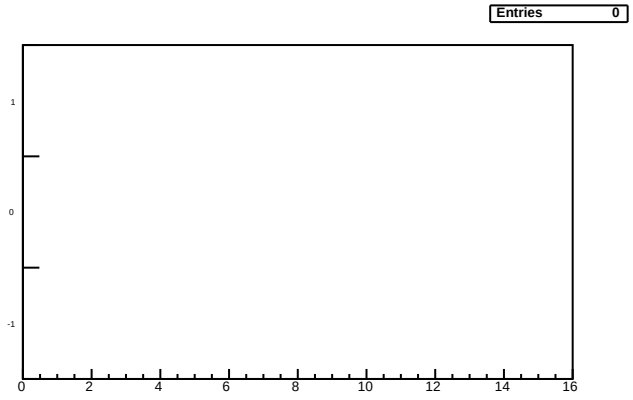

Unused (ch2)
Entries 219664

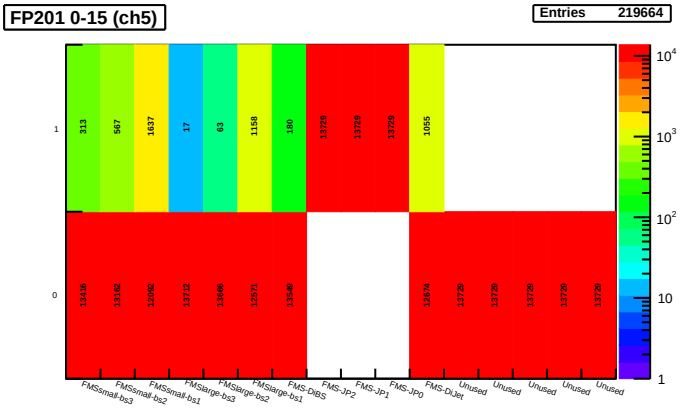

Entries 0

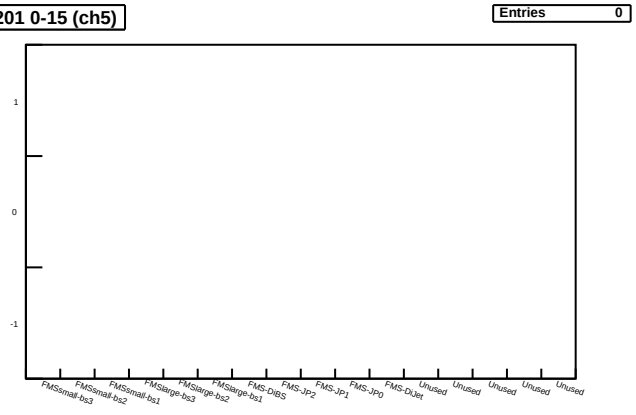

EM201 0-15 (ch3)
Entries 219664
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

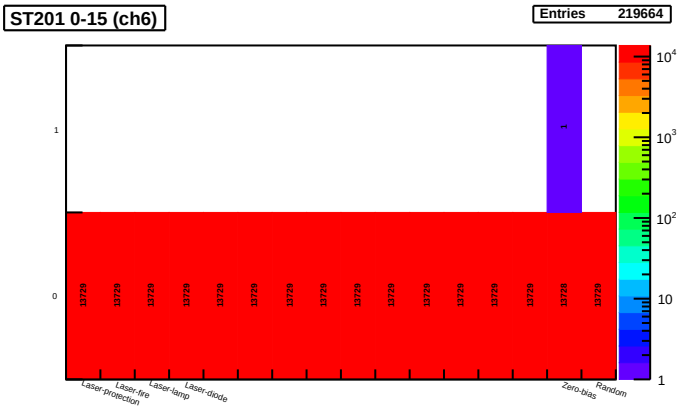

EM201 0-15 (ch3)
Entries 42074
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 219664
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 219664
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


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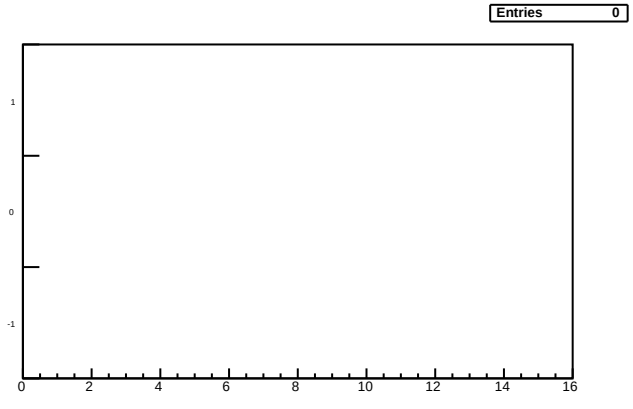
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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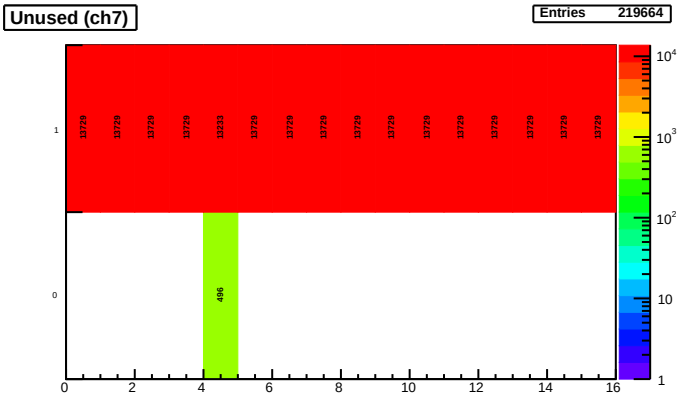
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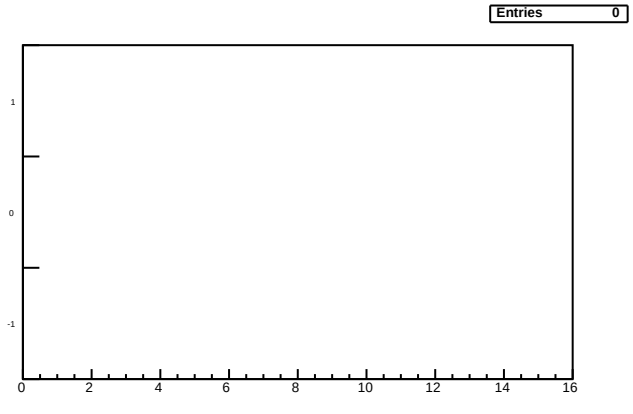
Entries 0