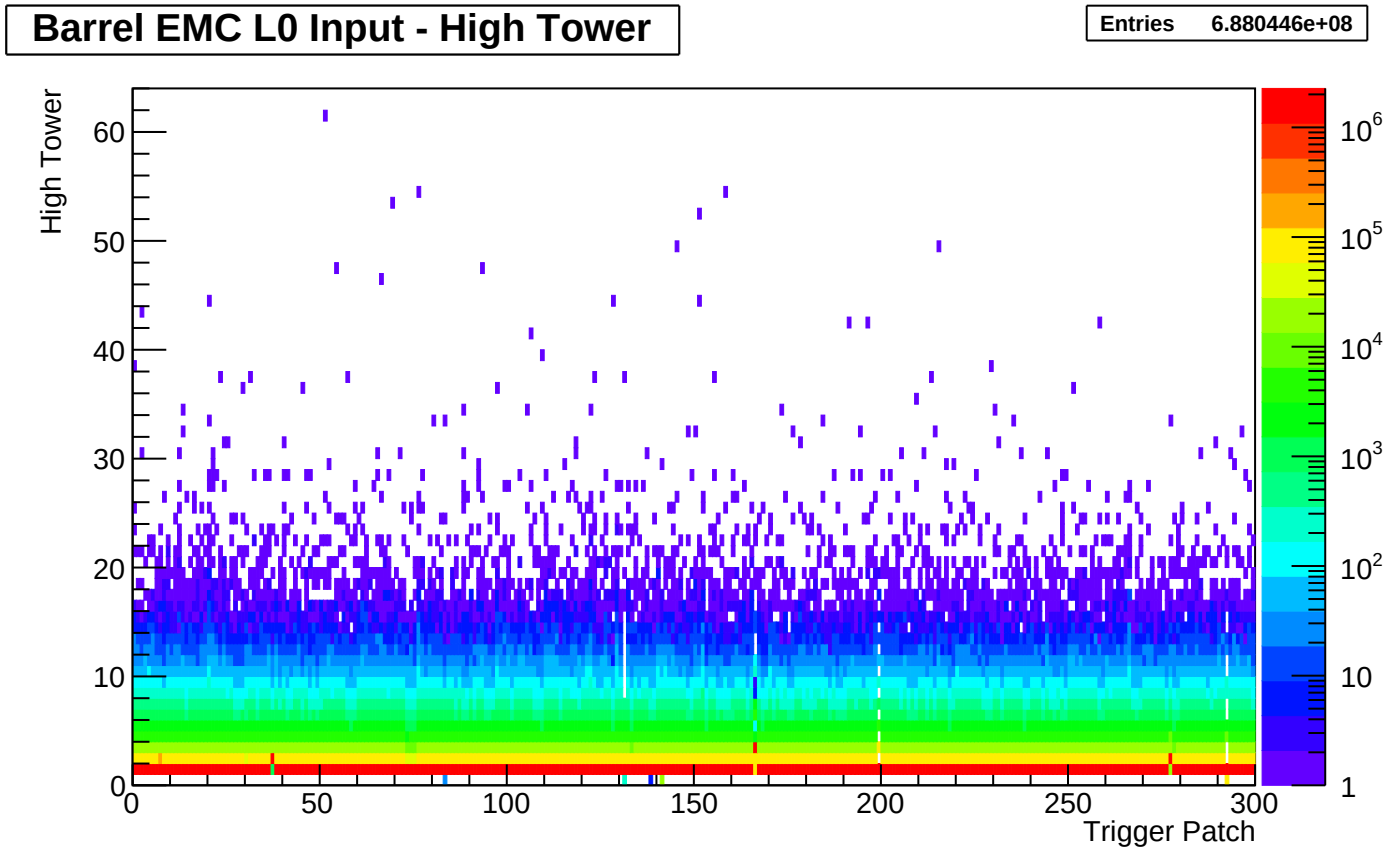
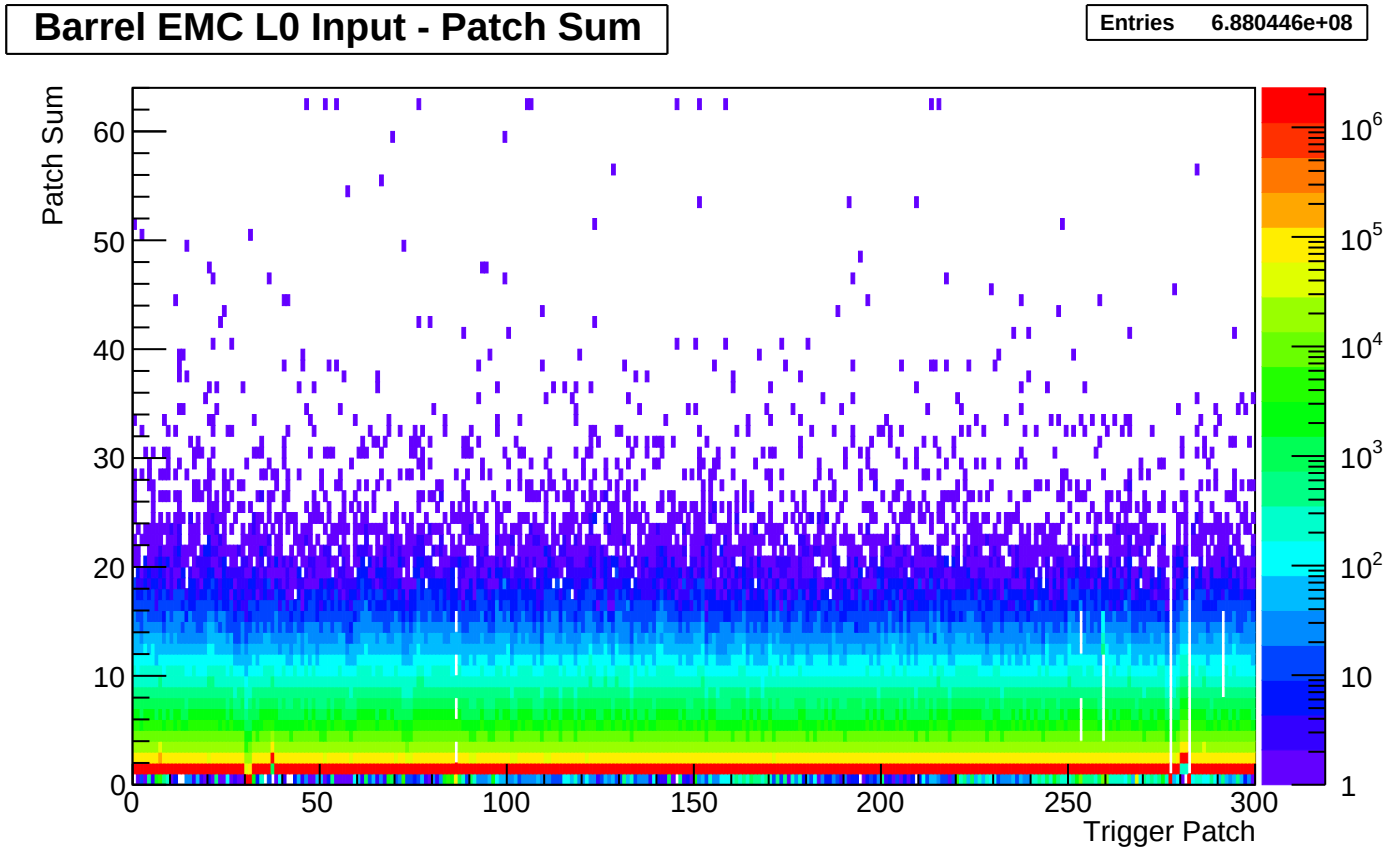
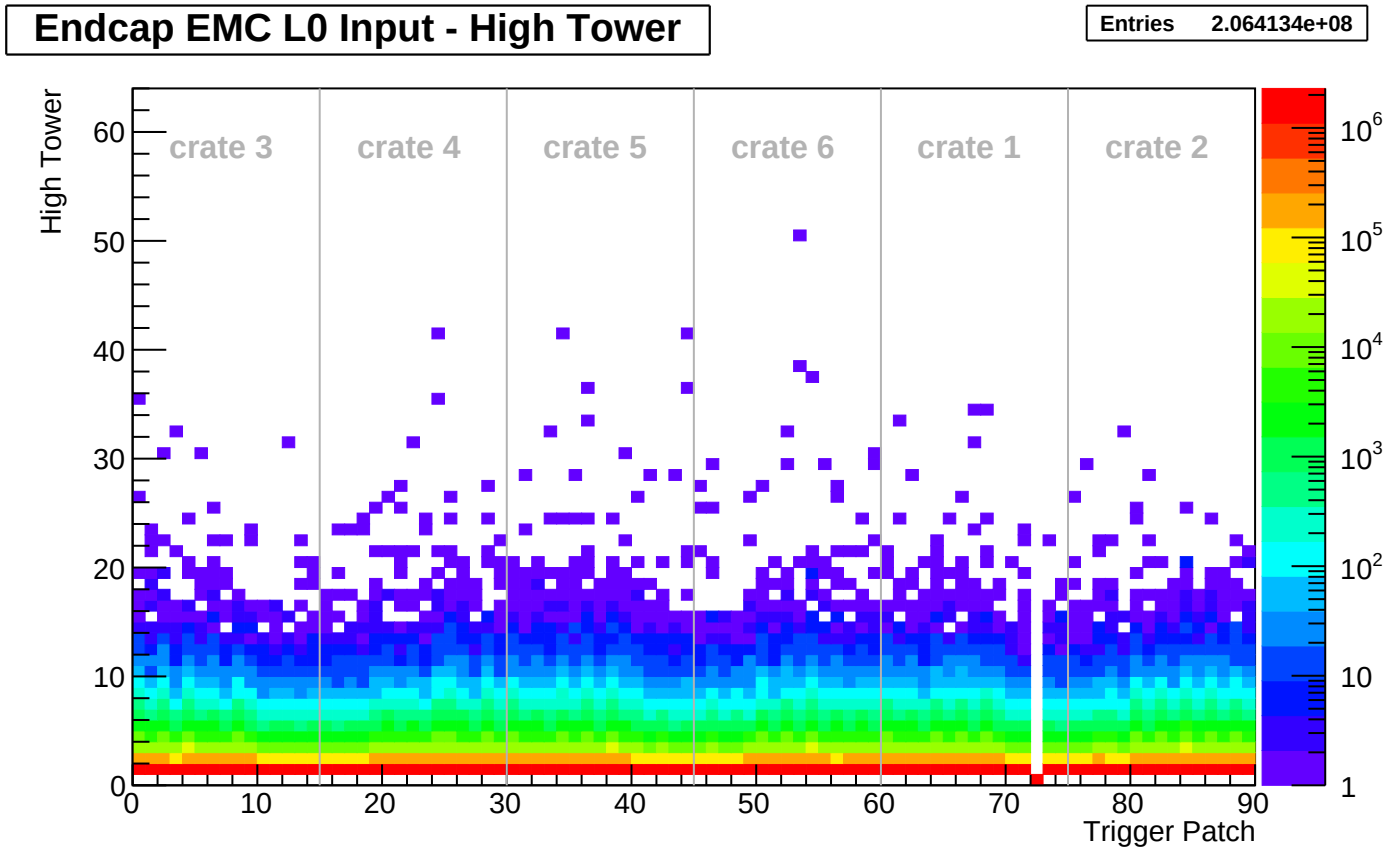
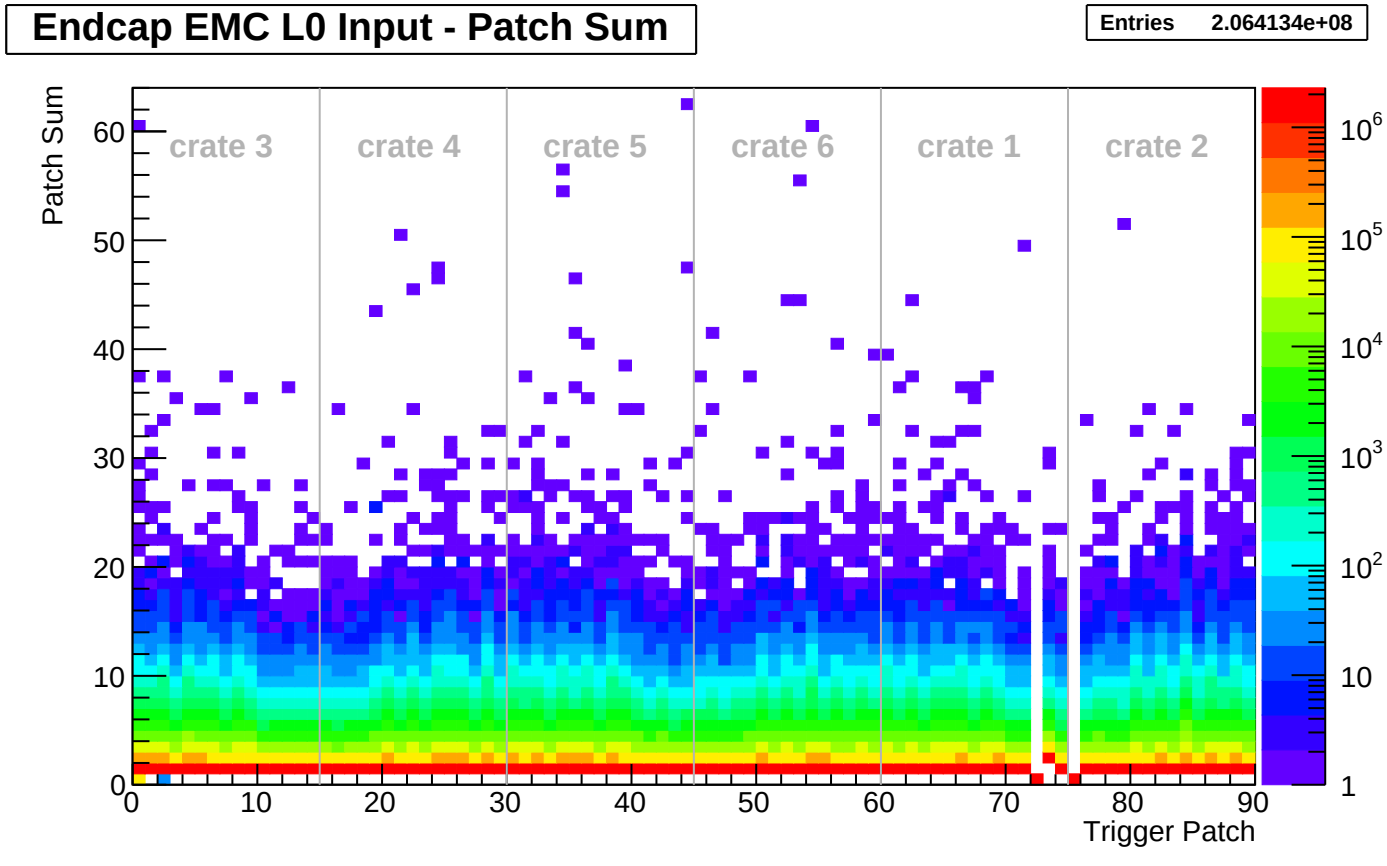
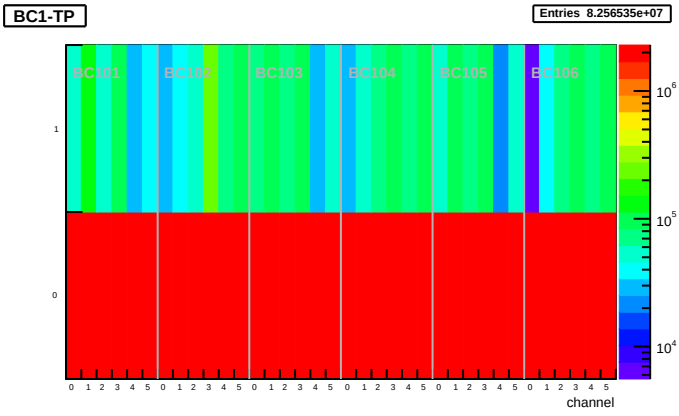
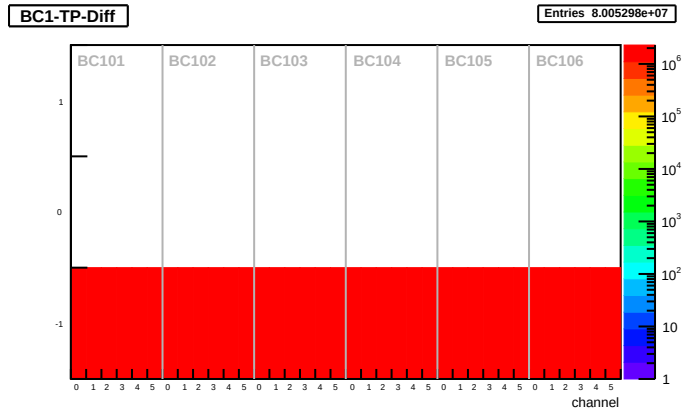

Barrel EMC L0 Input - High Tower
Entries 6.880446e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

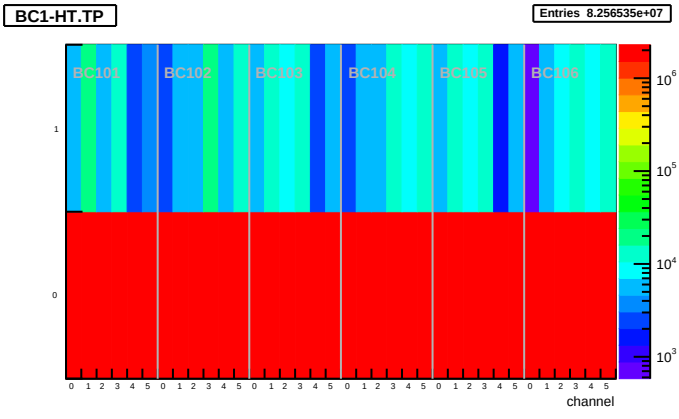

Barrel EMC L0 Input - Patch Sum
Entries 6.880446e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

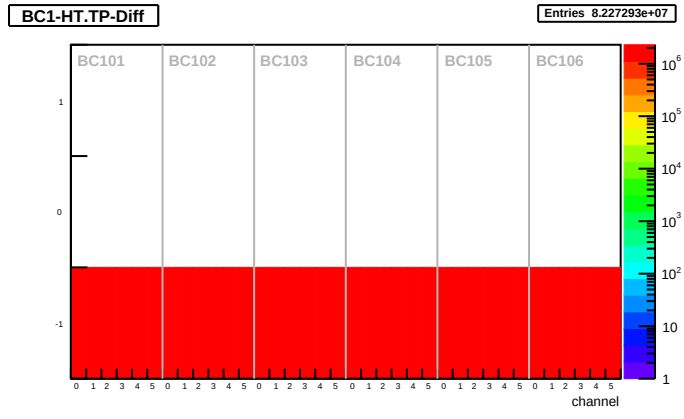

Endcap EMC L0 Input - High Tower
Entries 2.064134e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

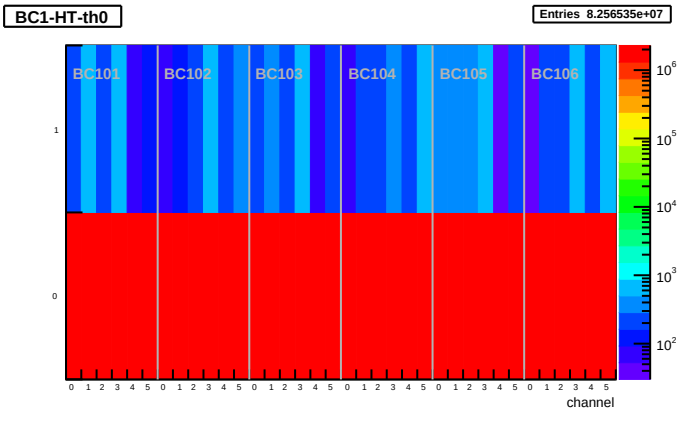

Endcap EMC L0 Input - Patch Sum
Entries 2.064134e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

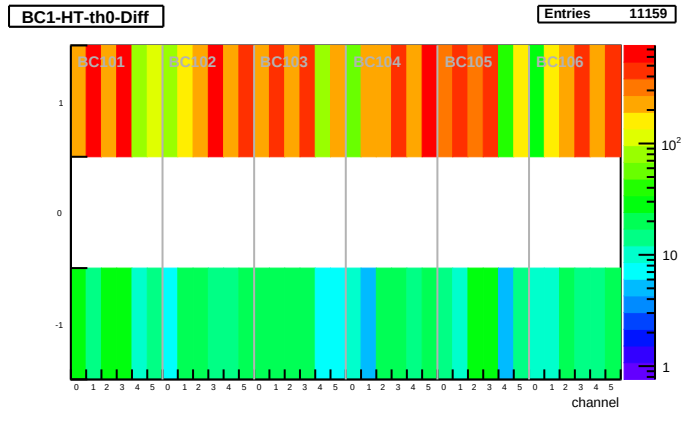

BC1-TP
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

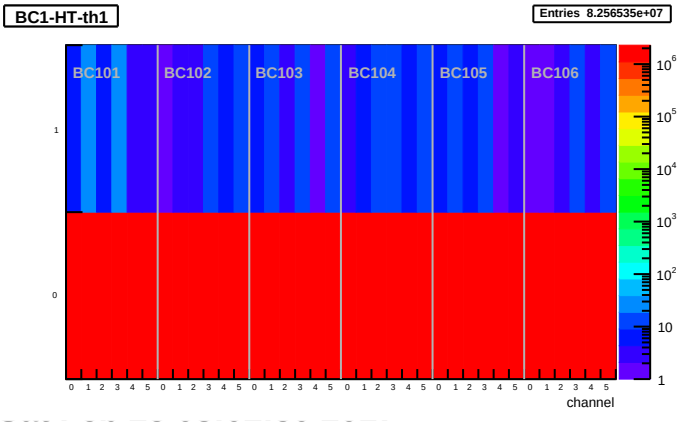

BC1-TP-Diff
Entries 8.005298e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

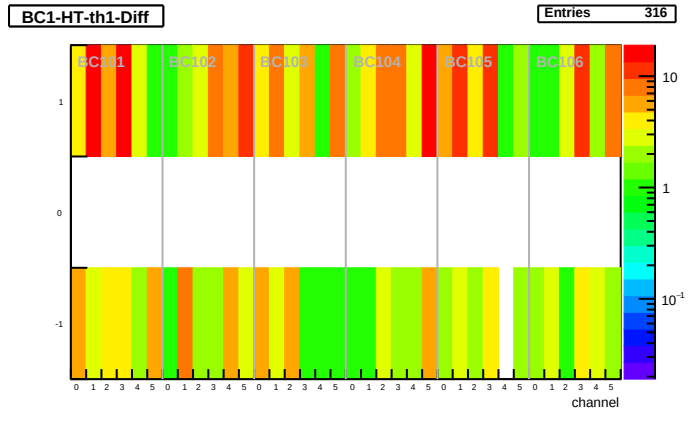

BC1-HT.TP
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

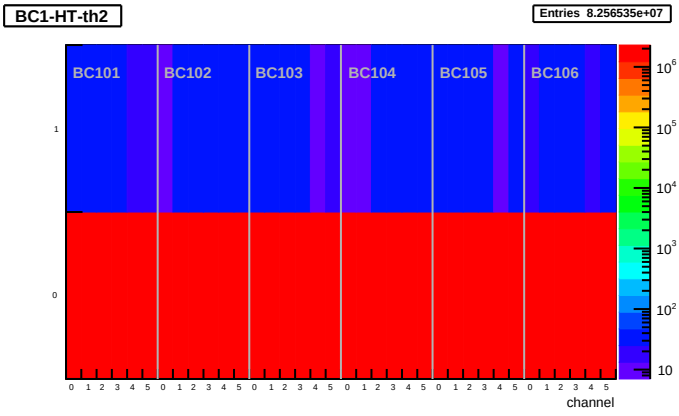

BC1-HT.TP-Diff
Entries 8.227293e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

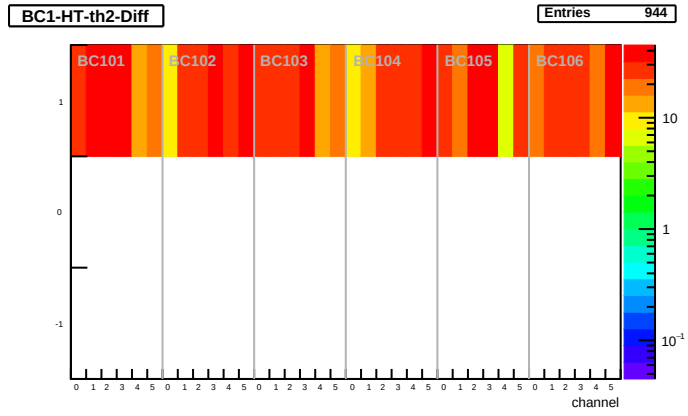

BC1-HT-th0
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

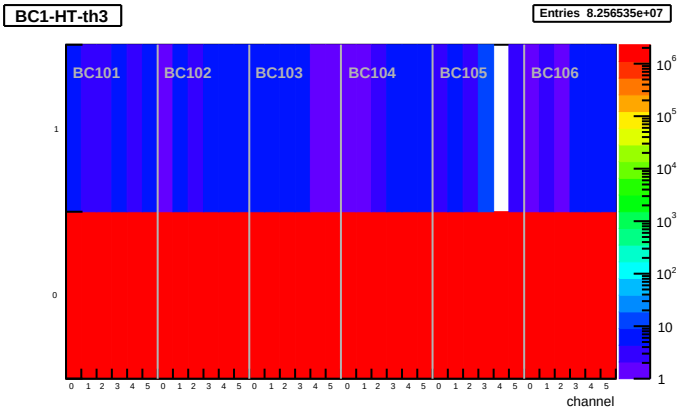

BC1-HT-th0-Diff
Entries 11159
BC101
BC102
BC103
BC104
BC105
BC106
channel

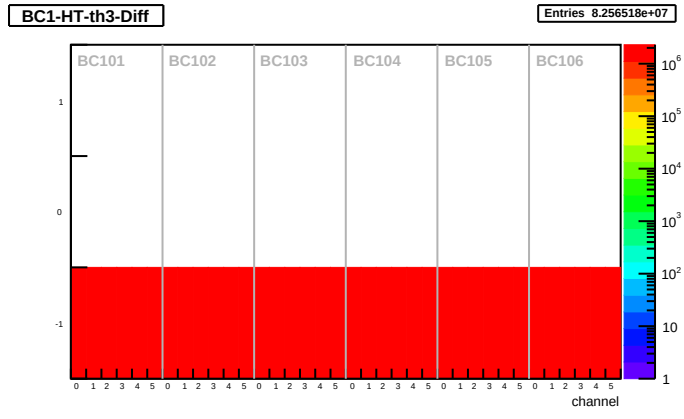

BC1-HT-th1
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

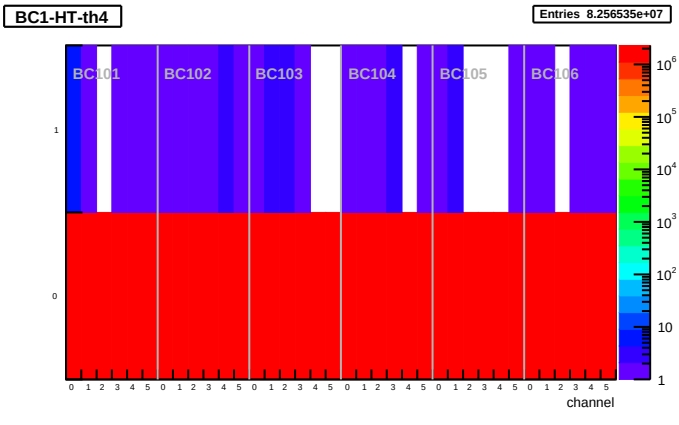

BC1-HT-th1-Diff
Entries 316
BC101
BC102
BC103
BC104
BC105
BC106
channel

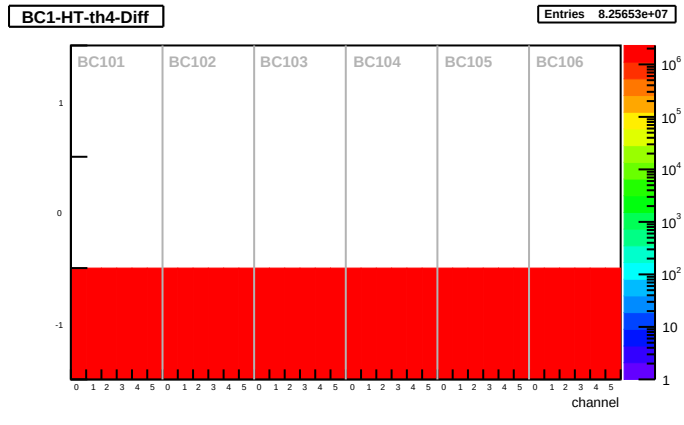

BC1-HT-th2
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

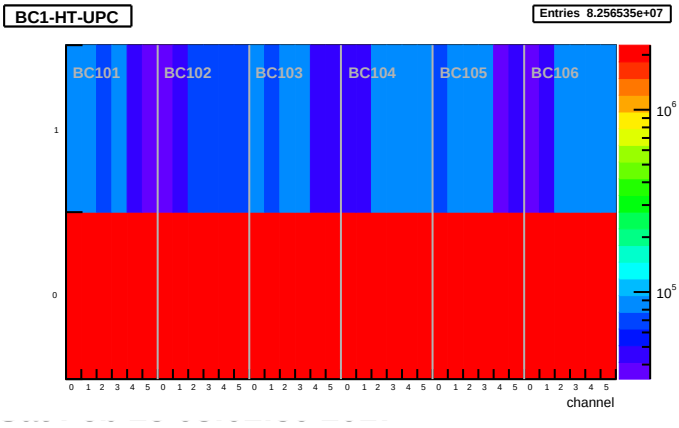

BC1-HT-th2-Diff
Entries 944
BC101
BC102
BC103
BC104
BC105
BC106
channel

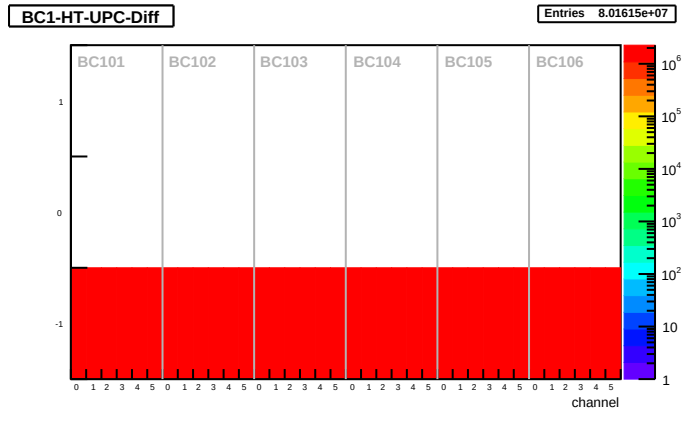

BC1-HT-th3
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

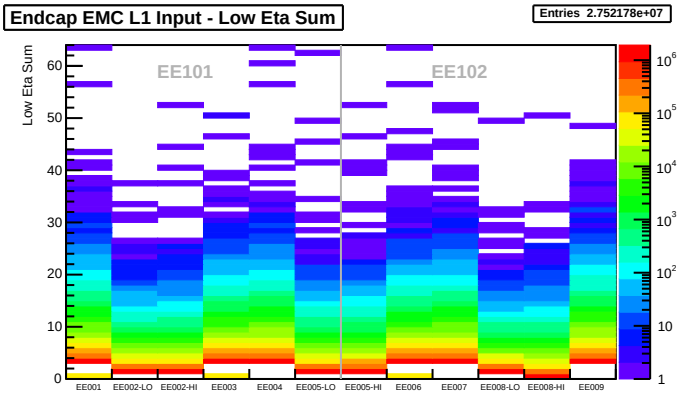

BC1-HT-th3-Diff
Entries 8.256518e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

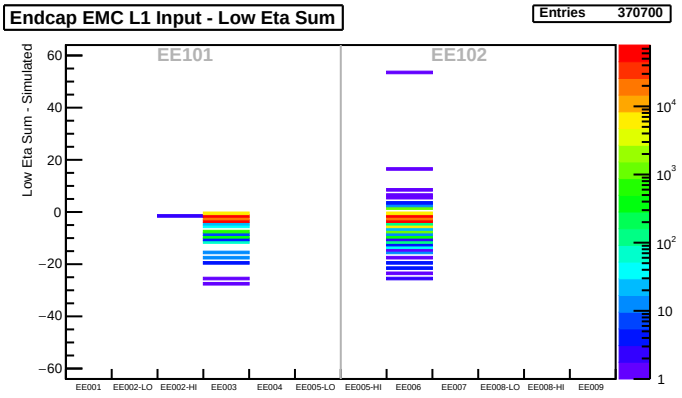

BC1-HT-th4
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

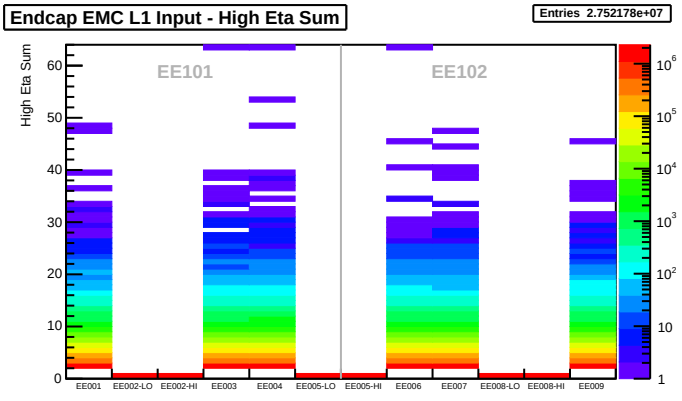

BC1-HT-th4-Diff
Entries 8.25653e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

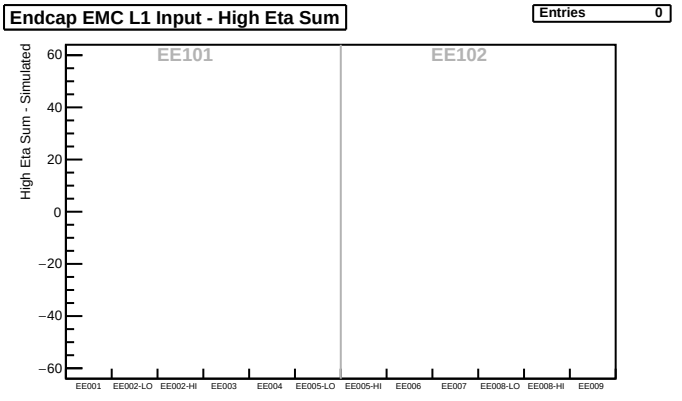

BC1-HT-UPC
Entries 8.256535e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

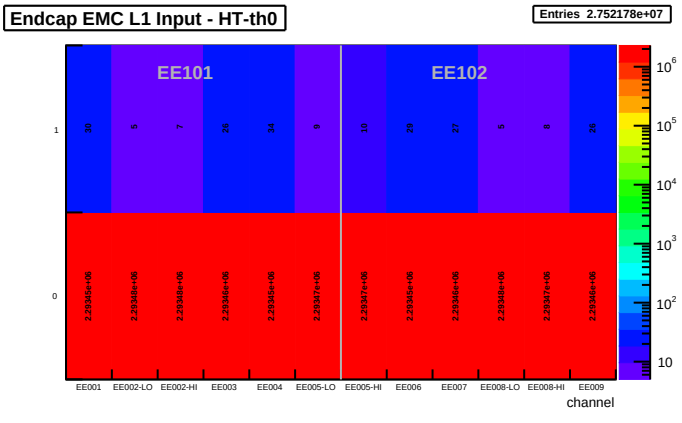

BC1-HT-UPC-Diff
Entries 8.01615e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

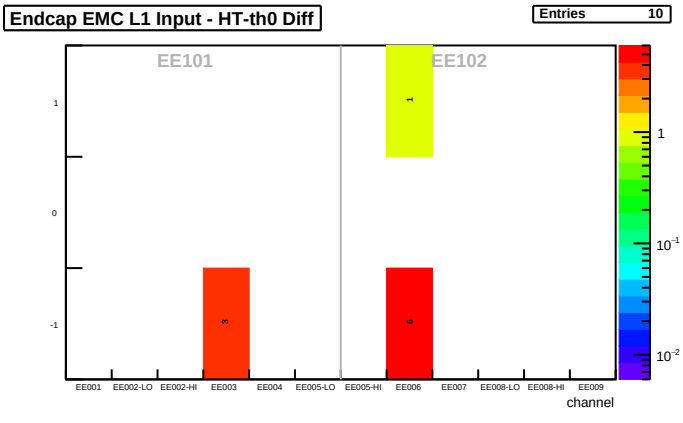

Endcap EMC L1 Input - Low Eta Sum
Entries 2.752178e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

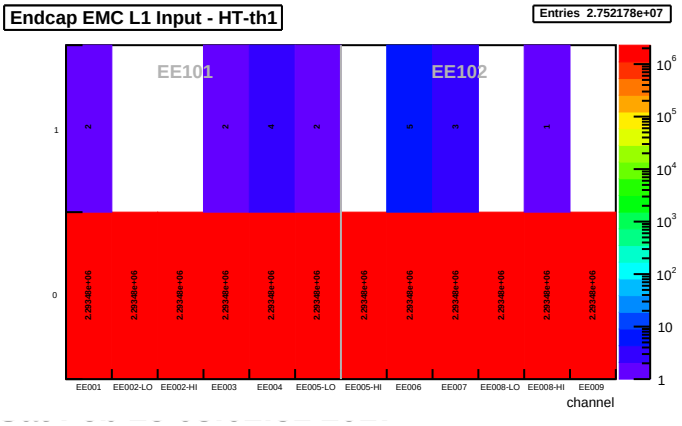

Endcap EMC L1 Input - Low Eta Sum
Entries 370700
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

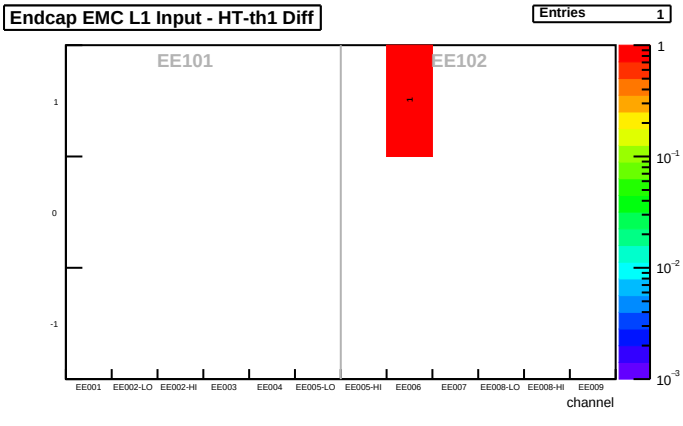

Endcap EMC L1 Input - High Eta Sum
Entries 2.752178e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

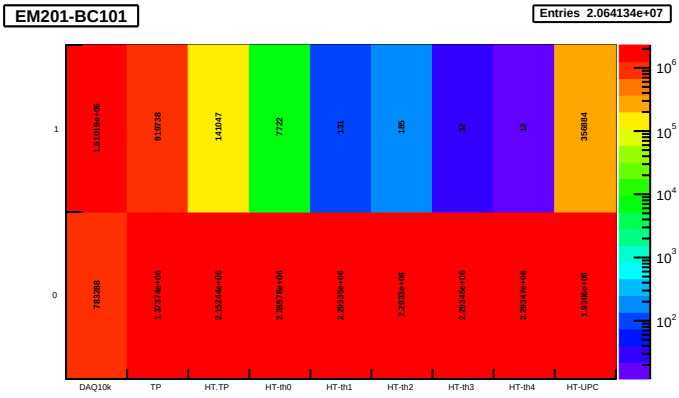

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

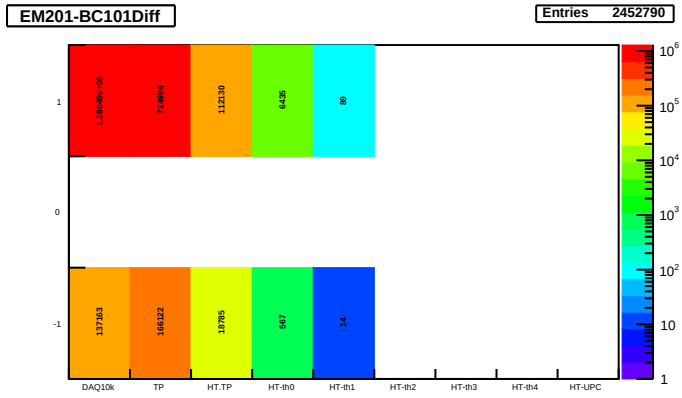

Endcap EMC L1 Input - HT-th0
Entries 2.752178e+07
EE101
EE102
channel

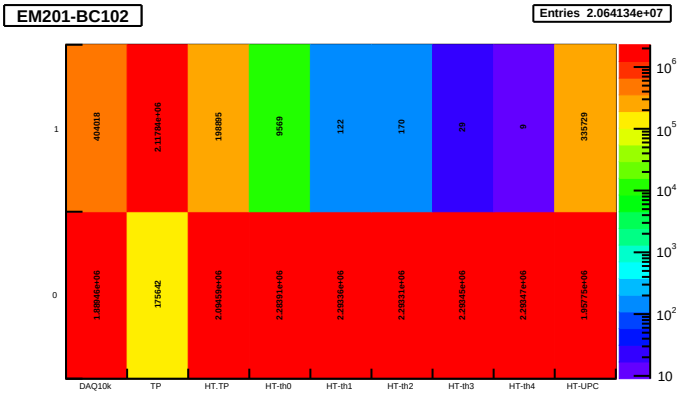

Endcap EMC L1 Input - HT-th0 Diff
Entries 10
EE101
EE102
channel

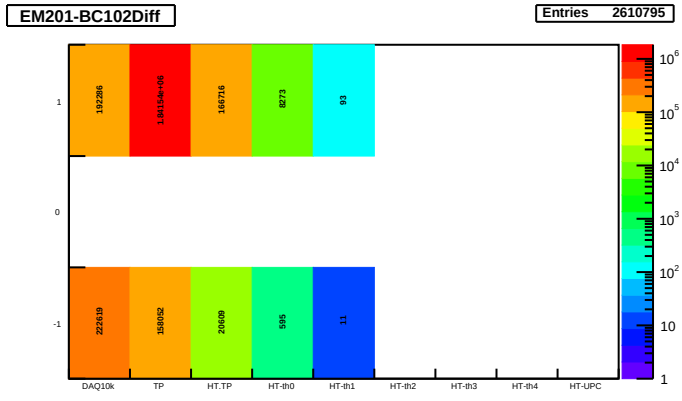

Endcap EMC L1 Input - HT-th1
Entries 2.752178e+07
EE101
EE102
channel

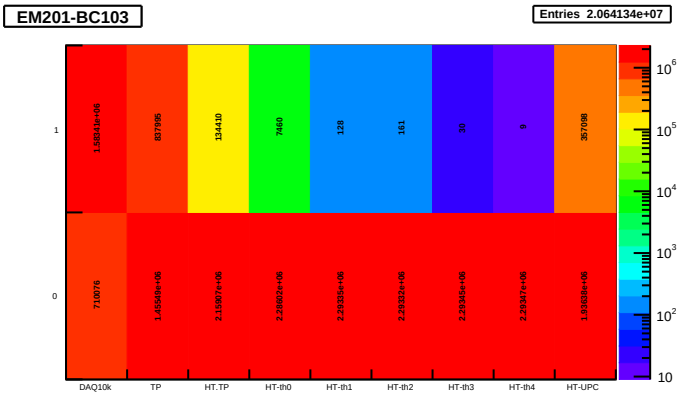

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
channel

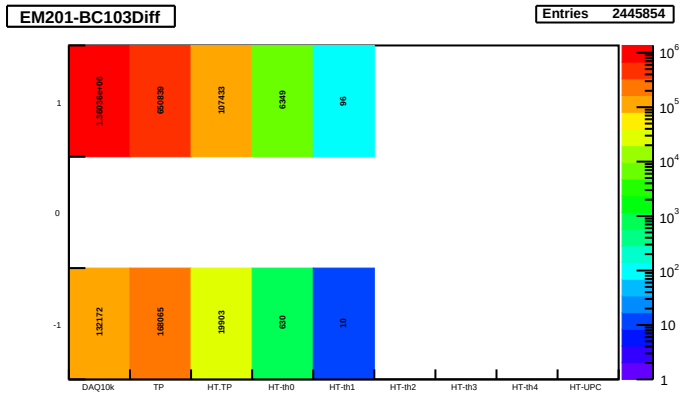

EM201-BC101
Entries 2.064134e+07
1.510119e+06
919738
141047
7722
131
185
32
12
356884
783288
1.37374e+06
2.15244e+06
2.28576e+06
2.29335e+06
2.29332e+06
2.29349e+06
2.29347e+06
1.93986e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

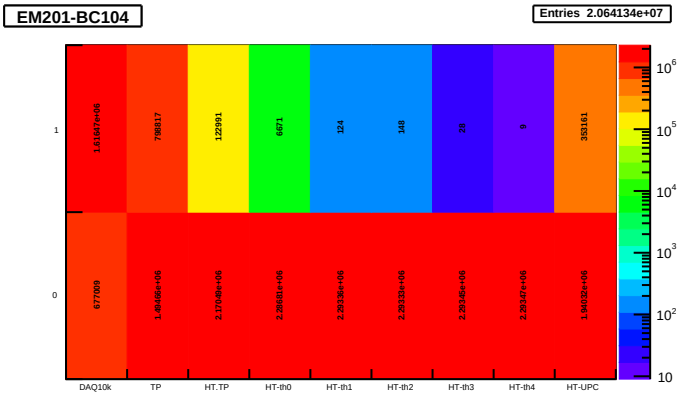

EM201-BC101Diff
Entries 2452790
1.294e+06
724994
112230
6435
89
137163
166122
18765
567
14
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

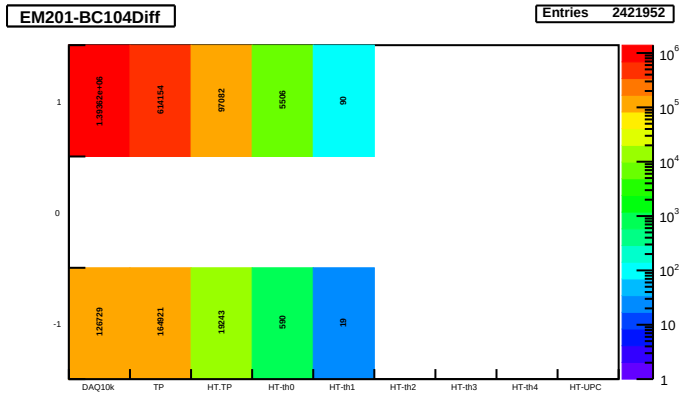

EM201-BC102
Entries 2.064134e+07
404018
2.11794e+06
198895
9569
122
170
29
9
335729
1.88946e+06
175642
2.09459e+06
2.28391e+06
2.28936e+06
2.29031e+06
2.28945e+06
2.28947e+06
1.95775e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2610795
192286
1.841e+06
166716
8273
93
222619
158052
20609
595
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

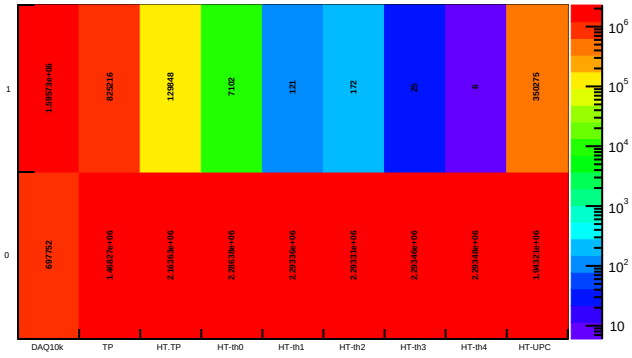

EM201-BC103
Entries 2.064134e+07
1.58341e+06
837995
134410
7460
128
161
30
9
357098
710076
1.45549e+06
2.15907e+06
2.28602e+06
2.28355e+06
2.29332e+06
2.29345e+06
2.29347e+06
1.93638e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2445854
1.36036e+06
650839
107433
6349
96
132172
180065
19903
630
10
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

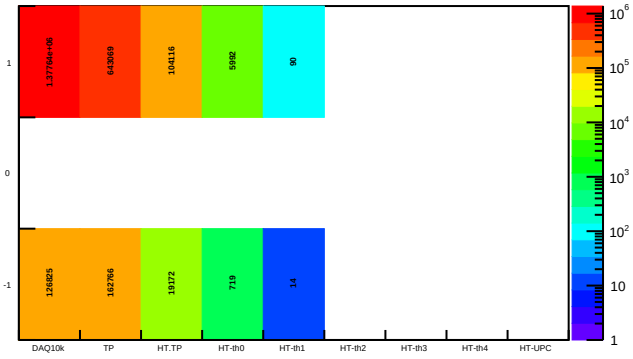

EM201-BC104
Entries 2.064134e+07
1.61647e+06
788817
122991
6671
124
148
28
9
353161
677009
1.48468e+06
2.17089e+06
2.28581e+06
2.29336e+06
2.29333e+06
2.29345e+06
2.29347e+06
1.94032e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2421952
1.39362e+06
614154
97062
5506
90
126729
164921
18243
590
19
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

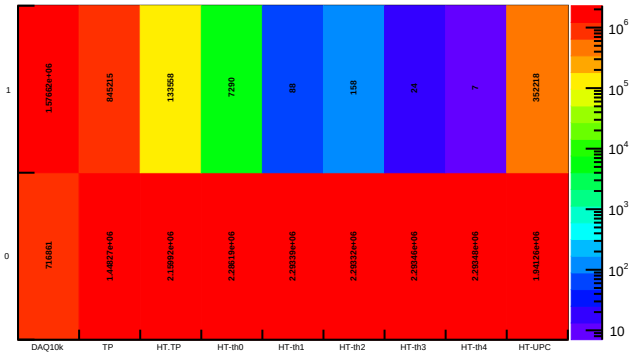
**EM201-BC105** Entries 2.064134e+07



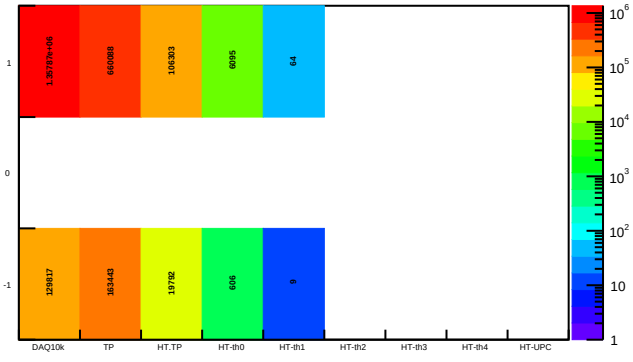

**EM201-BC105Diff** Entries 2440405



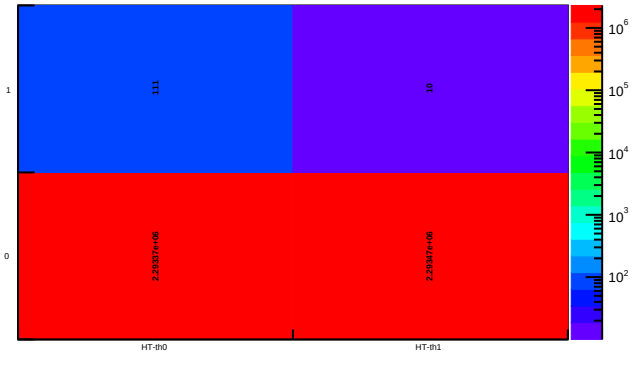

**EM201-BC106** Entries 2.064134e+07



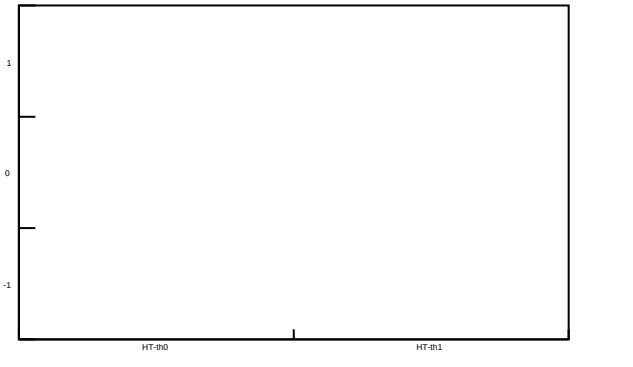

**EM201-BC106Diff** Entries 2444085



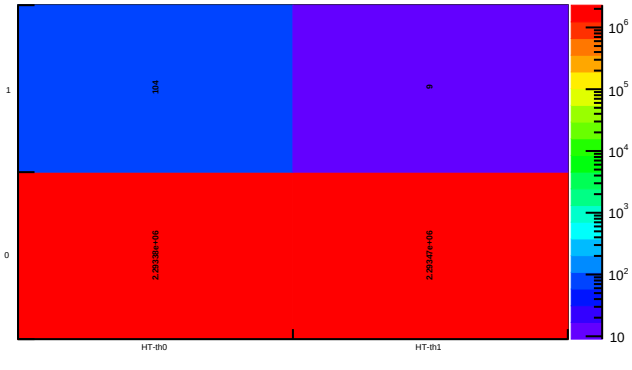

**EM201-EE101** Entries 4586964



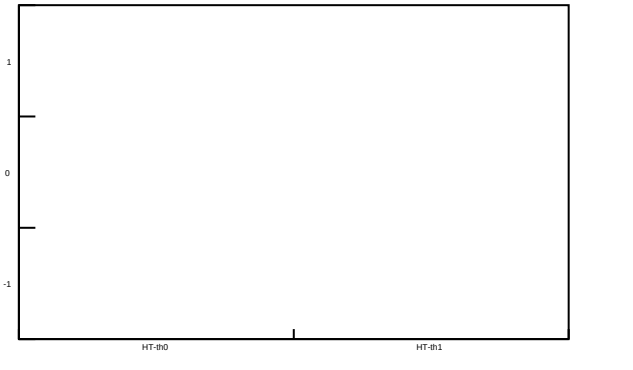

**EM201-EE101Diff** Entries 0

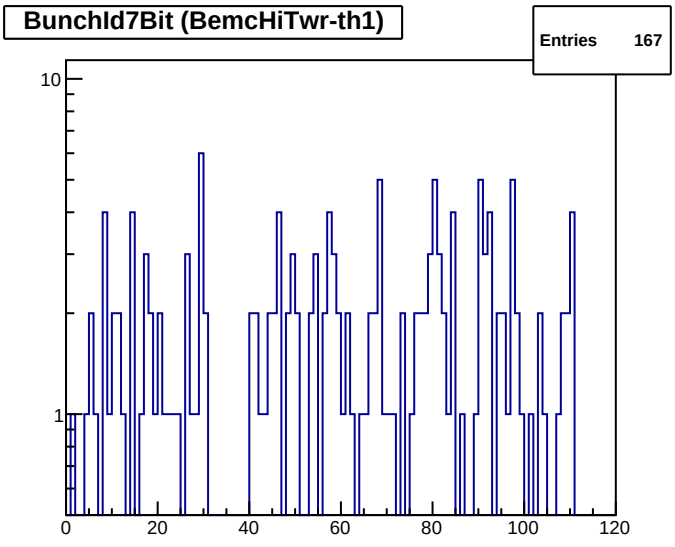


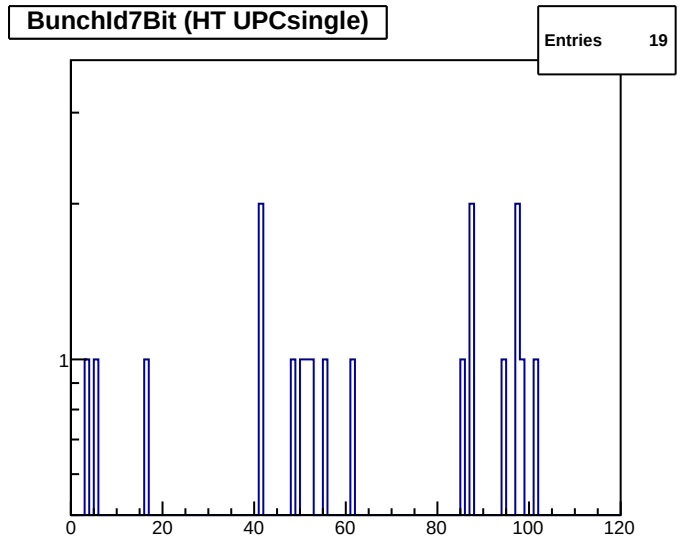

**EM201-EE102** Entries 4586964

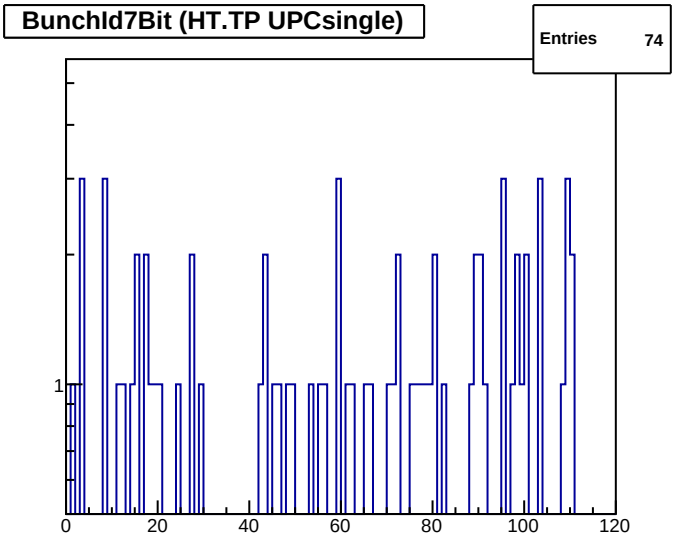


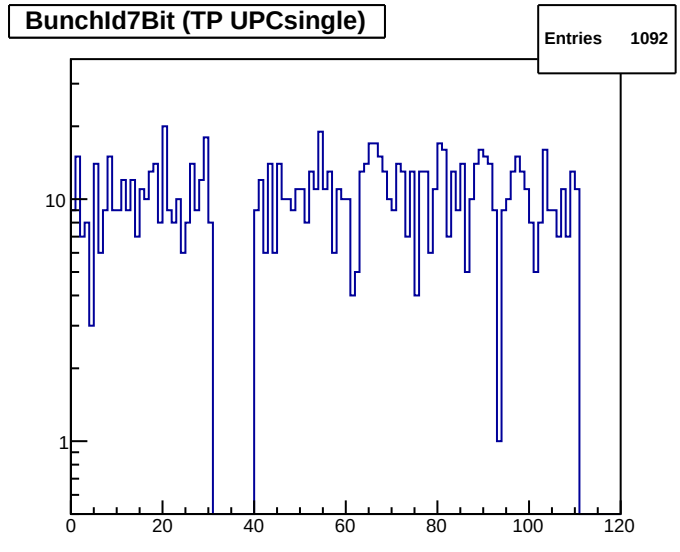

**EM201-EE102Diff** Entries 0

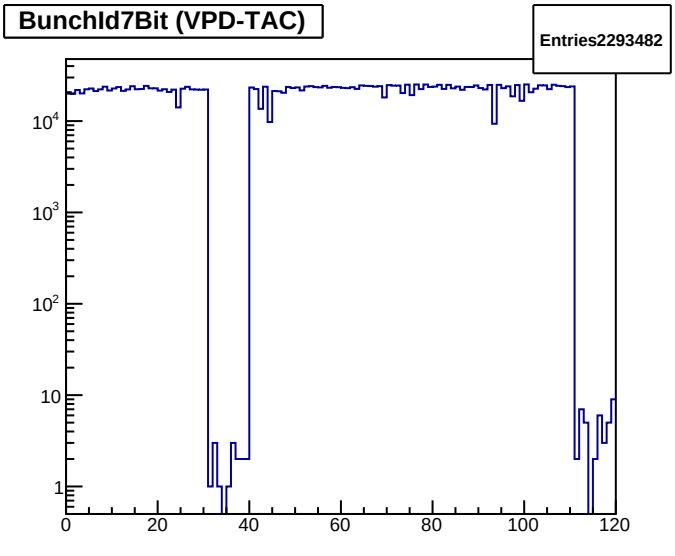


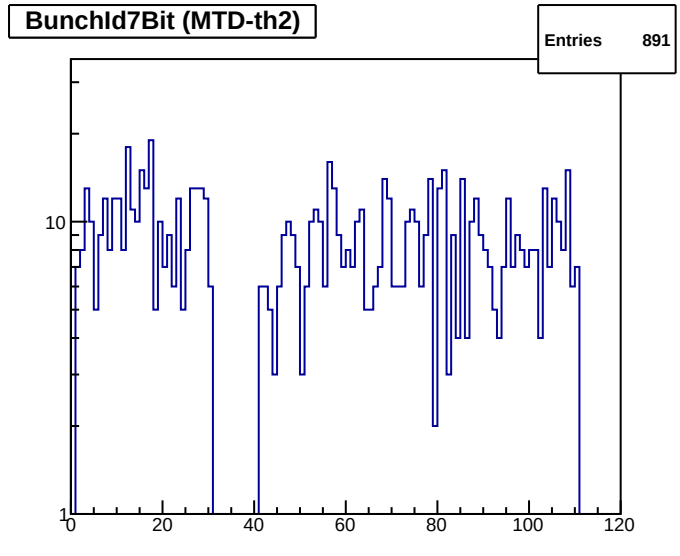

BunchId7Bit (BemcHiTwr-th1)
Entries 167
10
1
0
20
40
60
80
100
120

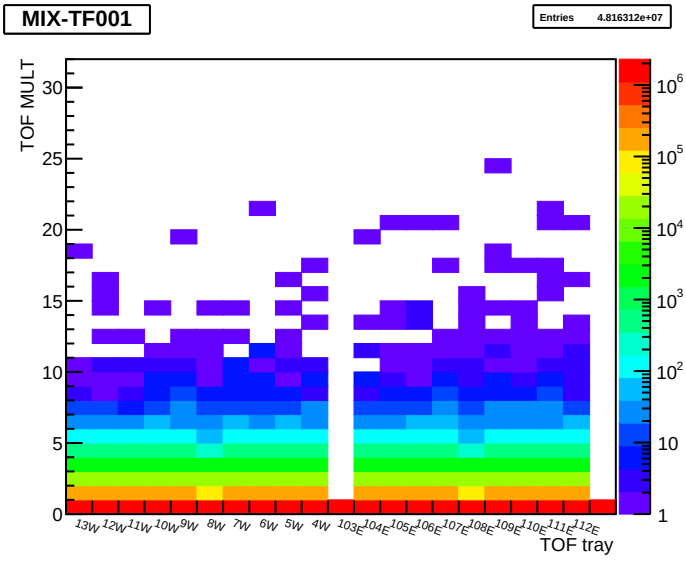

BunchId7Bit (HT UPCsingle)
Entries 19
1
0
20
40
60
80
100
120

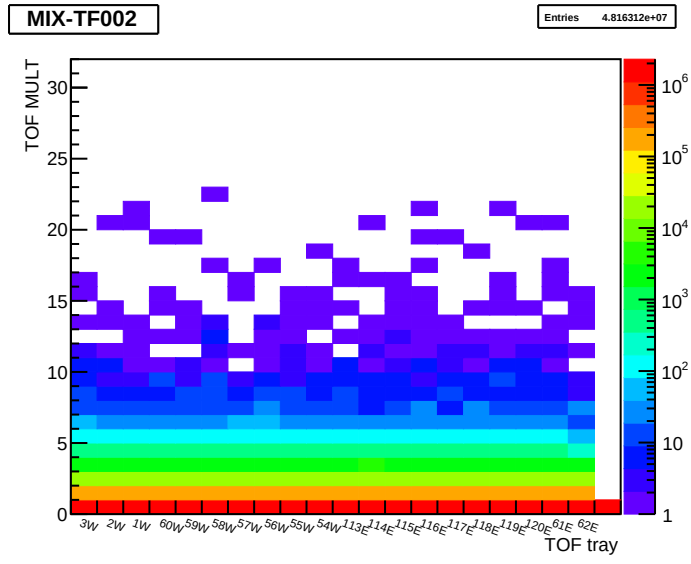

BunchId7Bit (HT.TP UPCsingle)
Entries 74
1
0
20
40
60
80
100
120

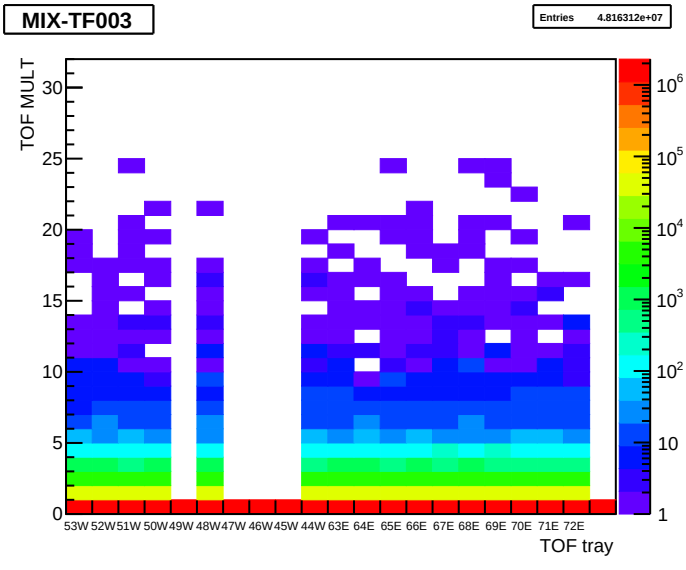

BunchId7Bit (TP UPCsingle)
Entries 1092
10
1
0
20
40
60
80
100
120

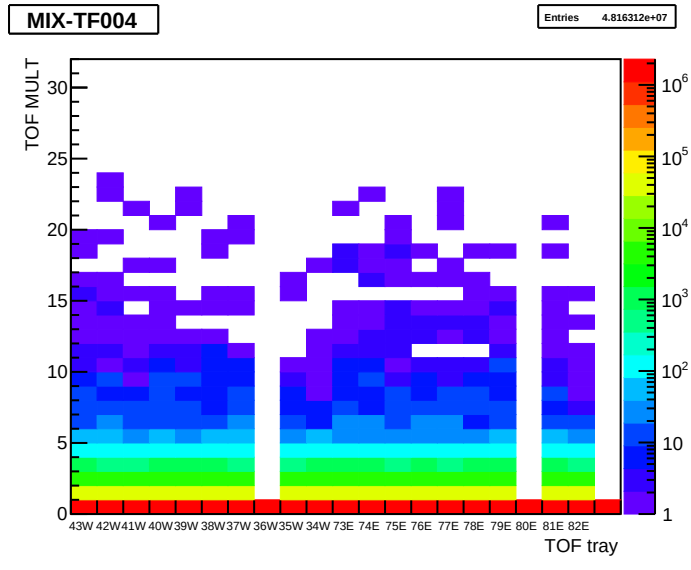

BunchId7Bit (VPD-TAC)
Entries2293482
$10^4$
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

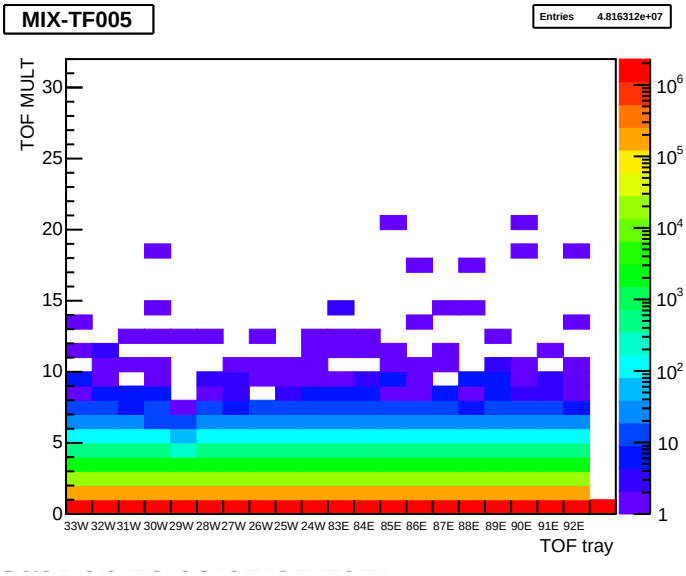

BunchId7Bit (MTD-th2)
Entries 891
10
1
0
20
40
60
80
100
120

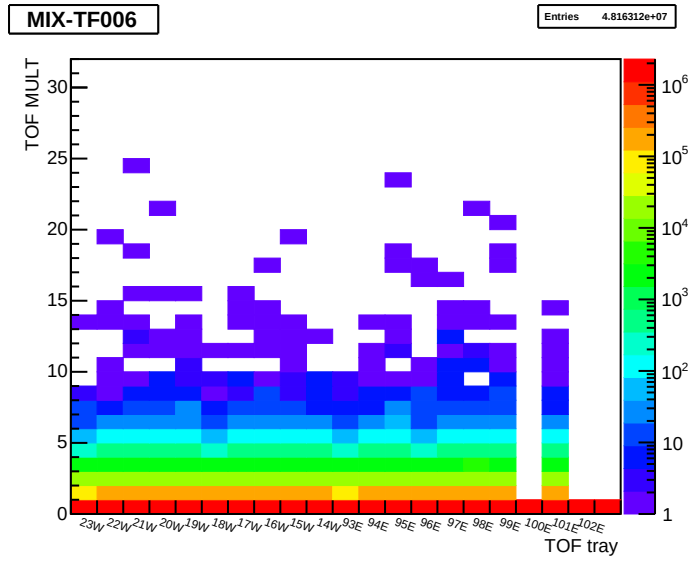

MIX-TF001
Entries 4.816312e+07
TOF MULT
TOF tray

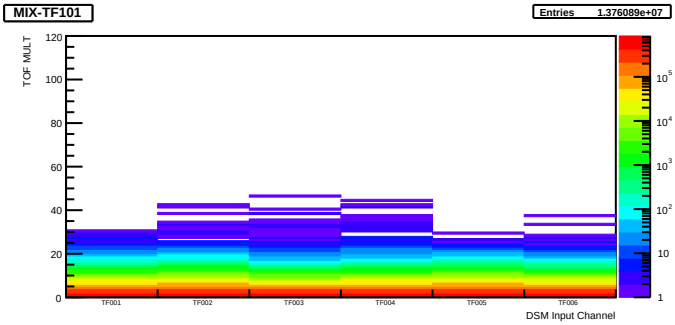

MIX-TF002
Entries 4.816312e+07
TOF MULT
TOF tray

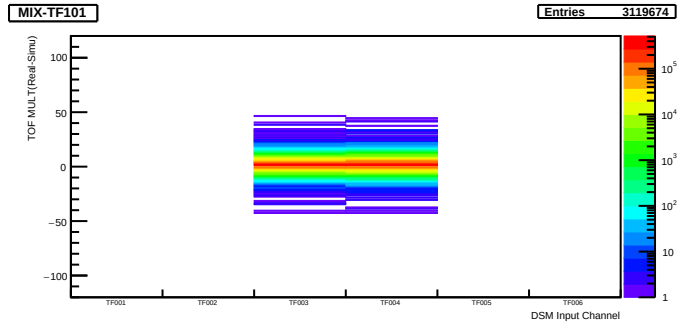

MIX-TF003
Entries 4.816312e+07
TOF MULT
TOF tray

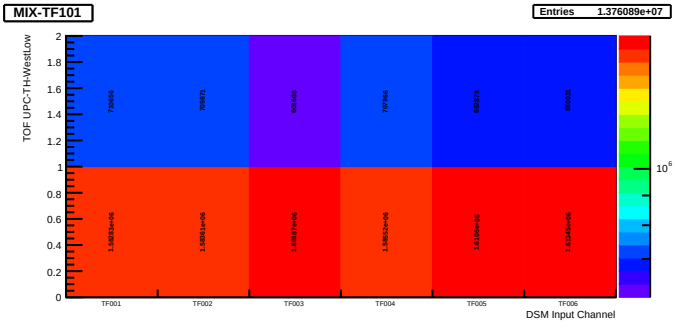

MIX-TF004
Entries 4.816312e+07
TOF MULT
TOF tray

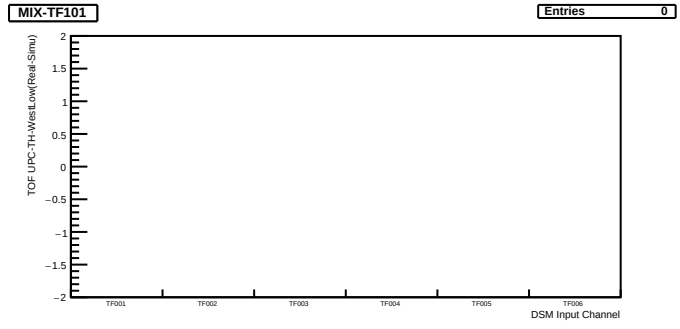

MIX-TF005
Entries 4.816312e+07
TOF MULT
TOF tray

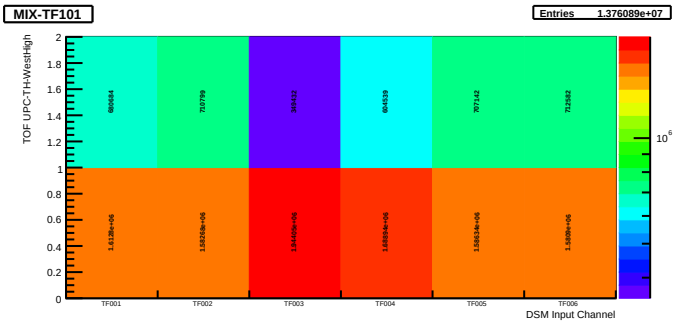

MIX-TF006
Entries 4.816312e+07
TOF MULT
TOF tray

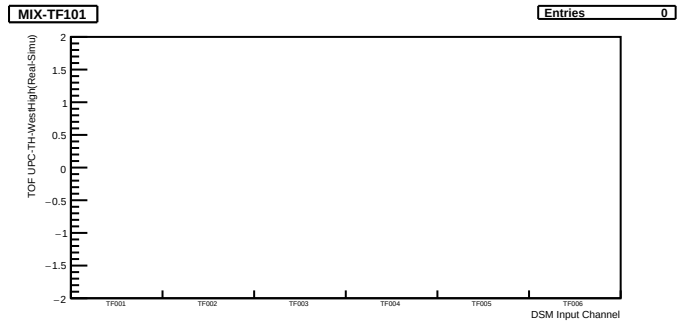

MIX-TF101
Entries 1.376089e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

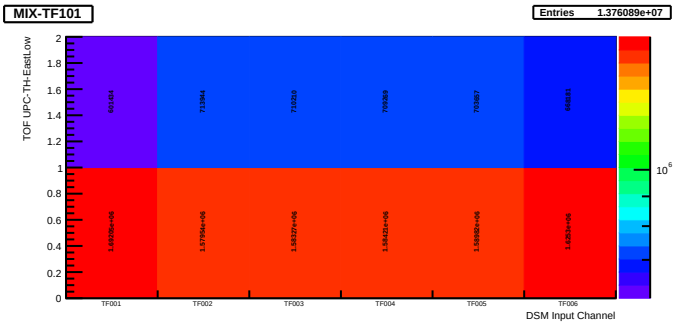

MIX-TF101
Entries 3119674
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

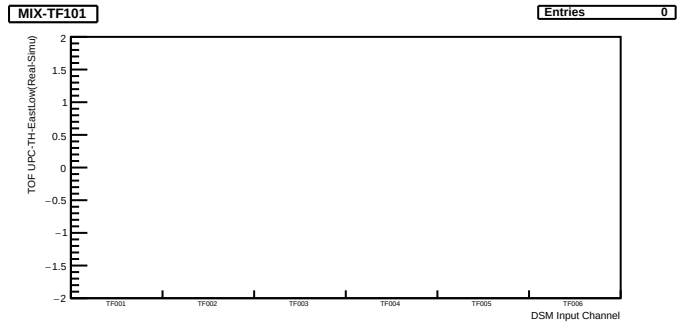

MIX-TF101
Entries 1.376089e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

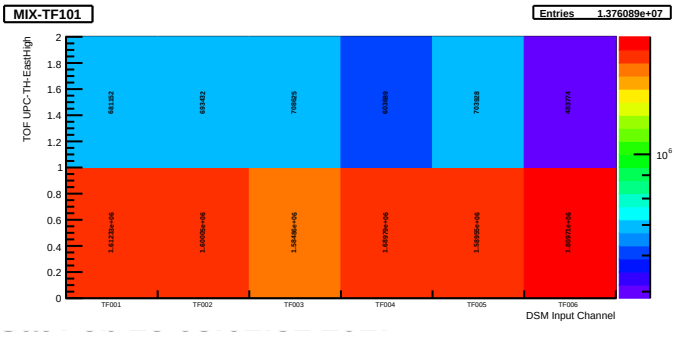

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

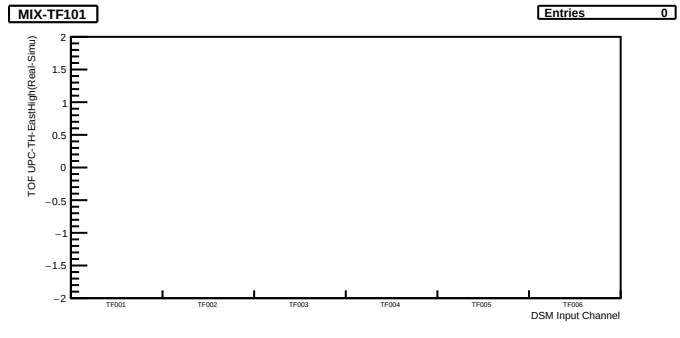

MIX-TF101
Entries 1.376089e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

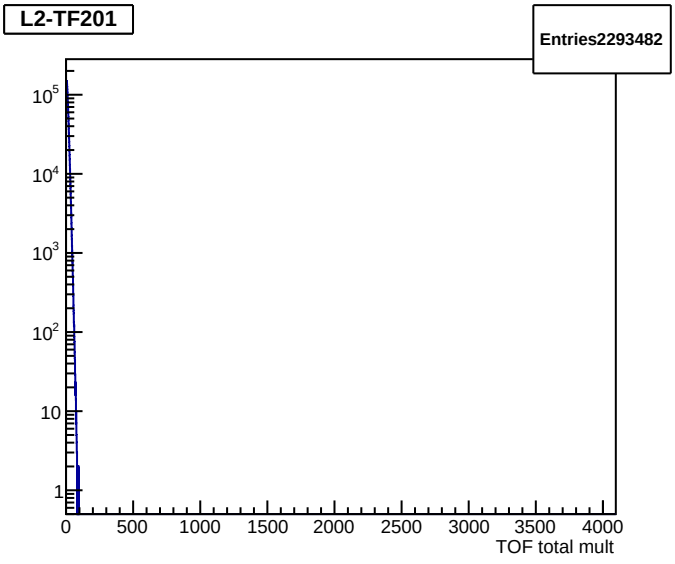

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

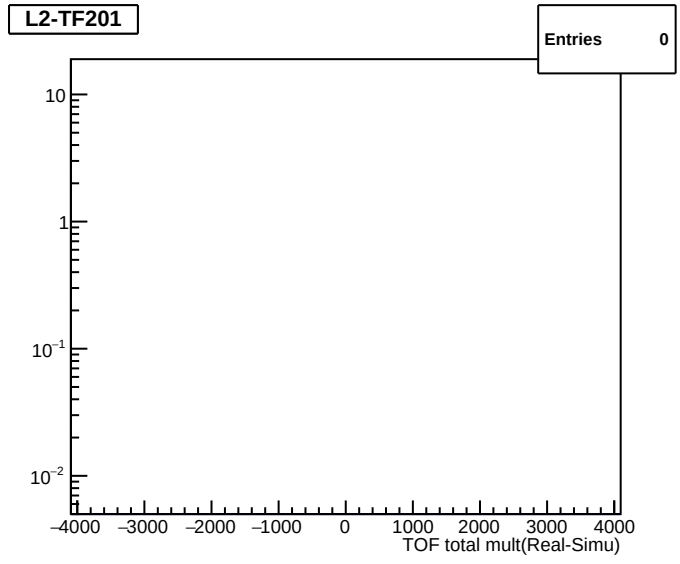

MIX-TF101
Entries 1.376089e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

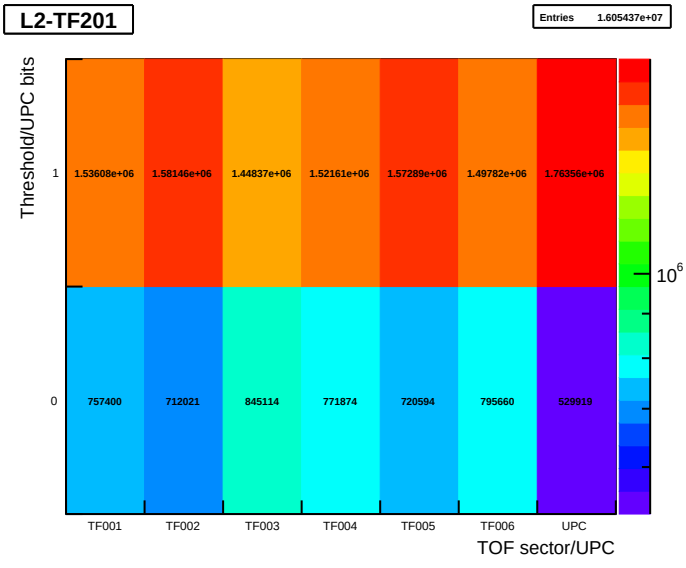

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

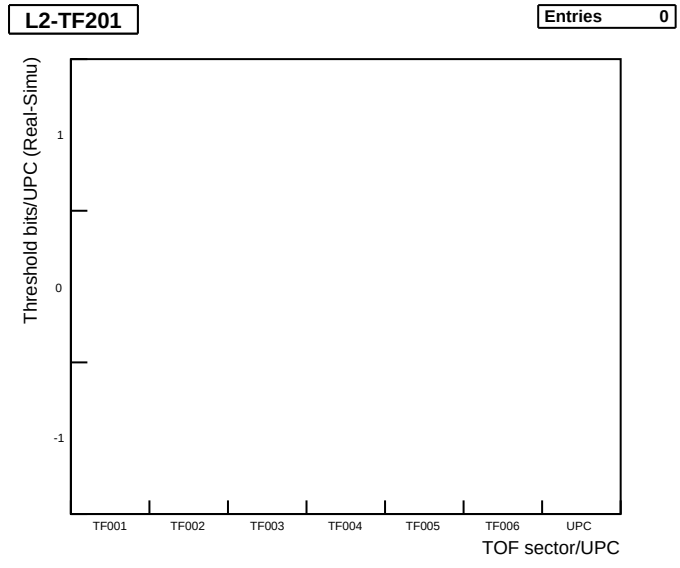

MIX-TF101
Entries 1.376089e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

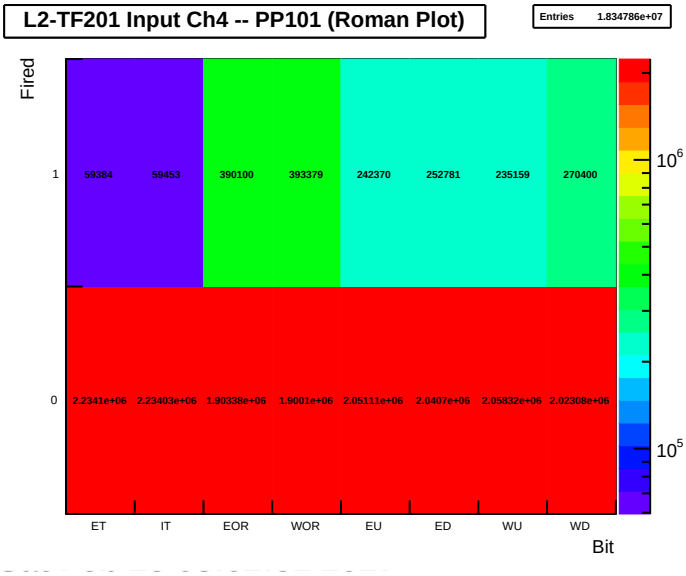

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

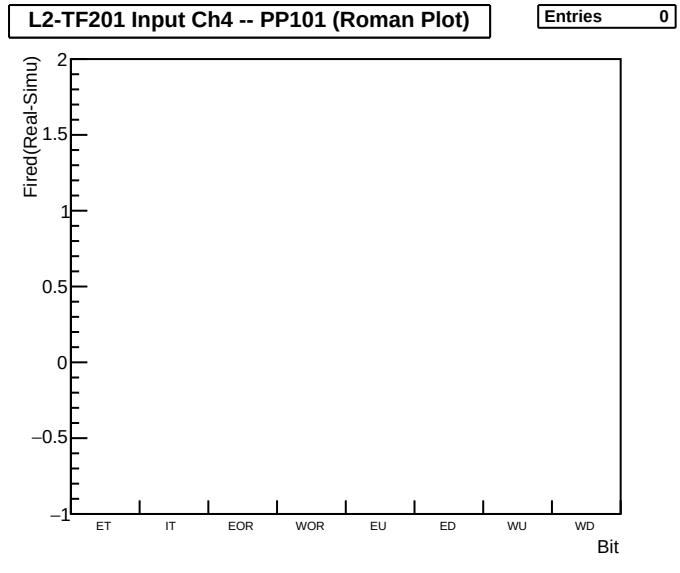

L2-TF201
Entries2293482
TOF total mult

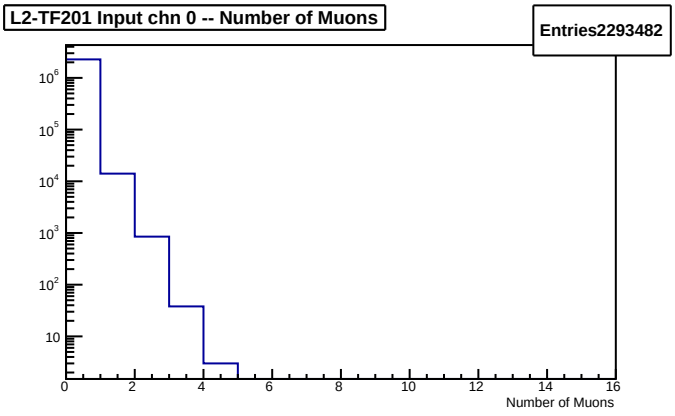

L2-TF201
Entries 0
TOF total mult(Real-Simu)

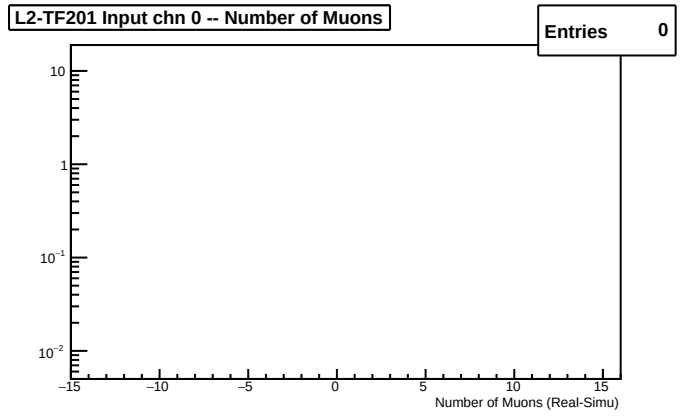

L2-TF201
Entries 1.605437e+07
Threshold/UPC bits
1.53608e+06
1.58146e+06
1.44837e+06
1.52161e+06
1.57289e+06
1.49782e+06
1.76356e+06
757400
712021
845114
771874
720594
795660
529919
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

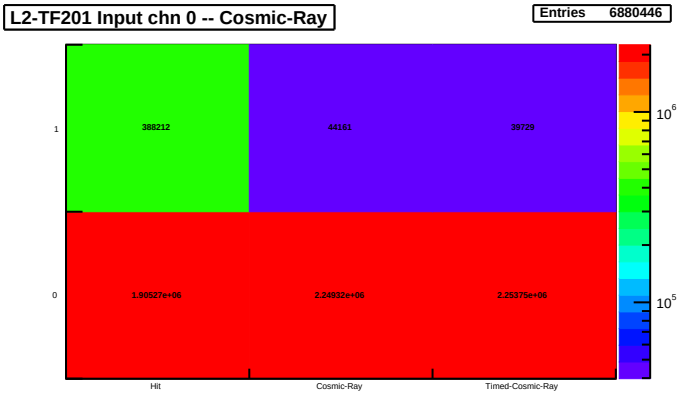

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

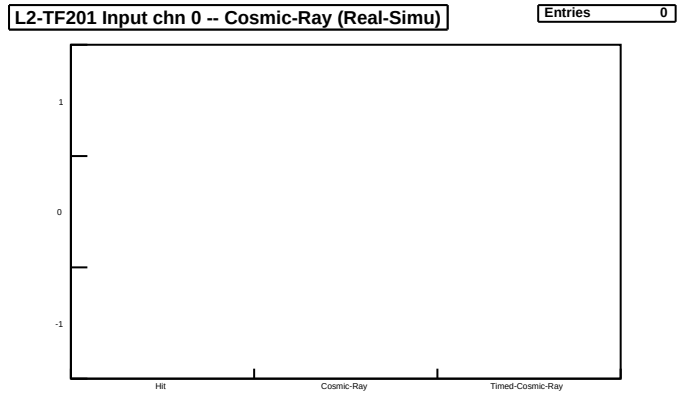

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.834786e+07
Fired
59384
59453
390100
393379
242370
252781
235159
270400
2.2341e+06
2.23403e+06
1.90338e+06
1.9001e+06
2.05111e+06
2.0407e+06
2.05832e+06
2.02308e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

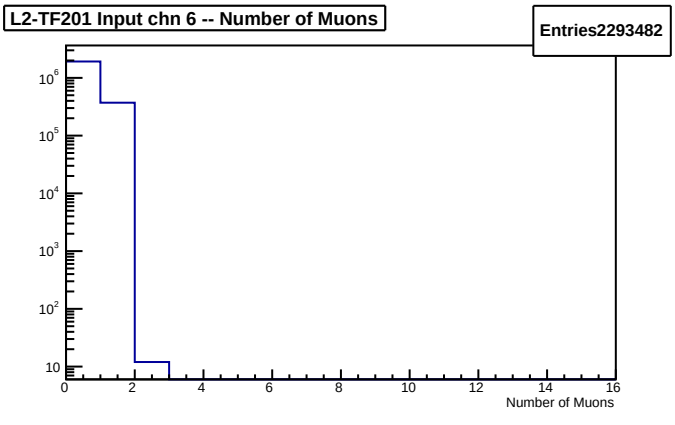

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

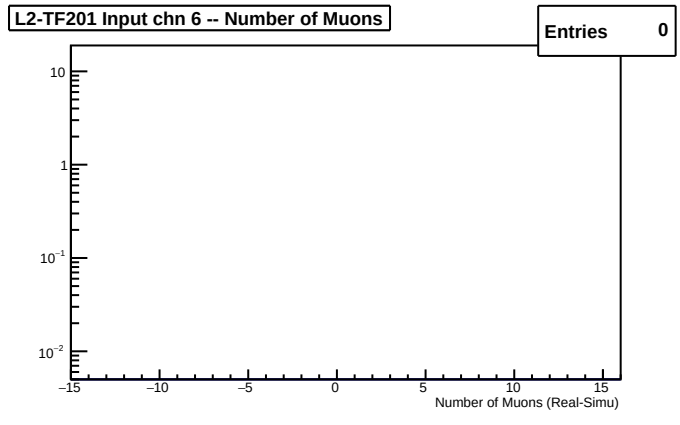

L2-TF201 Input chn 0 -- Number of Muons
Entries2293482
Number of Muons

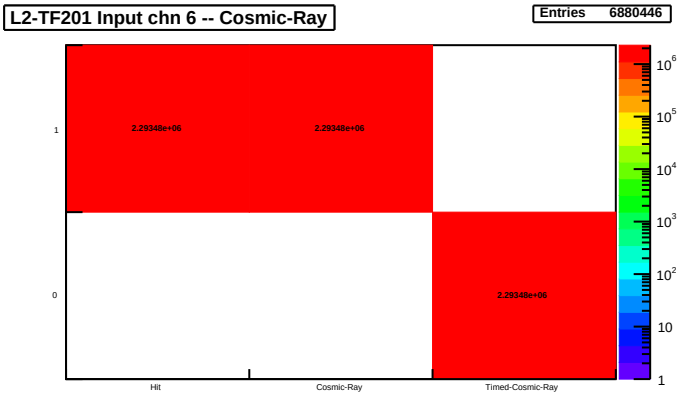

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

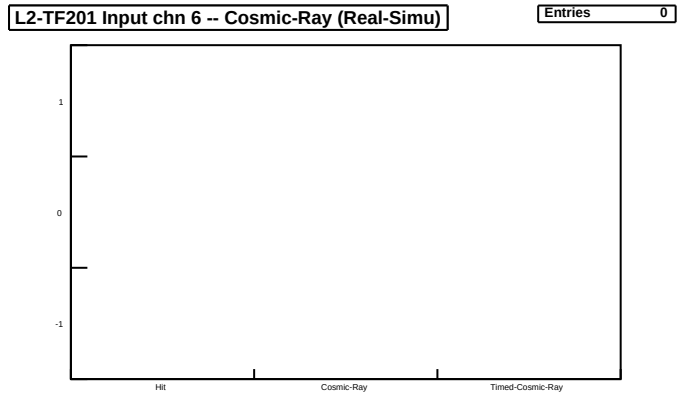

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6880446
388212
44161
39729
1.90527e+06
2.24932e+06
2.25375e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

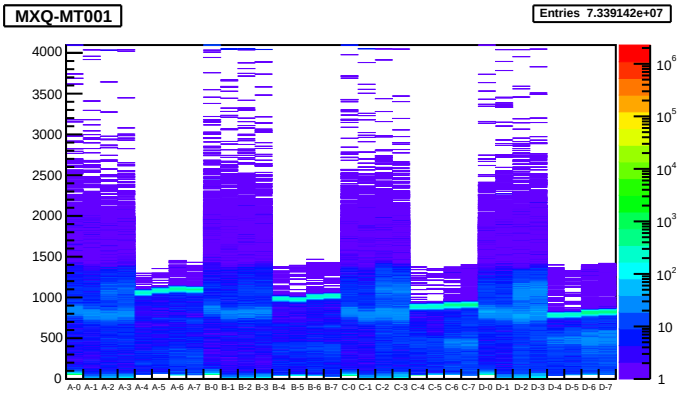

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

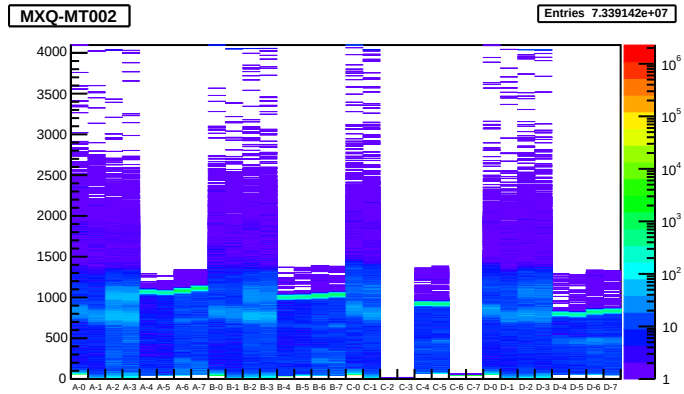

L2-TF201 Input chn 6 -- Number of Muons
Entries2293482
Number of Muons

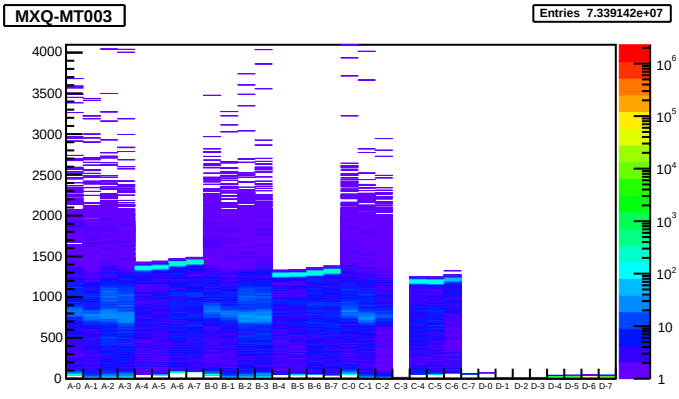

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

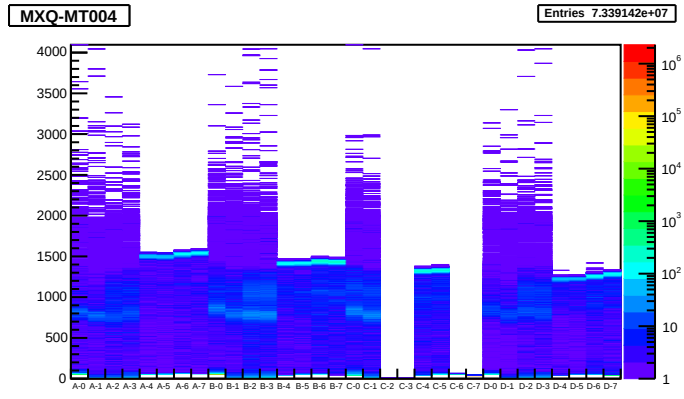

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6880446
2.29348e+06
2.29348e+06
2.29348e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

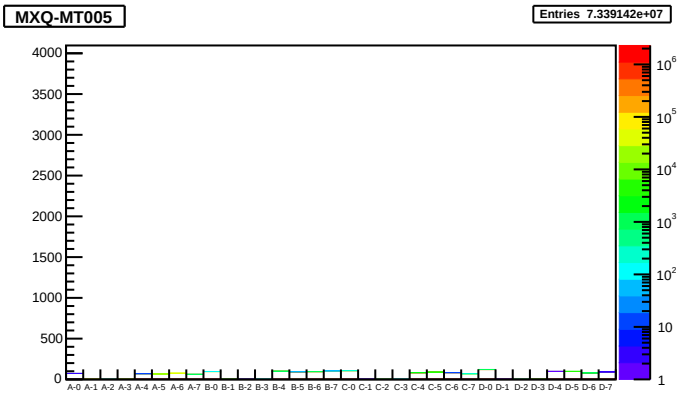

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

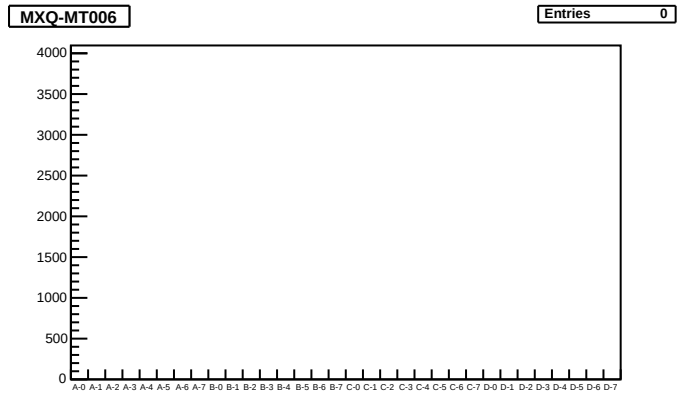

MXQ-MT001
Entries 7.339142e+07

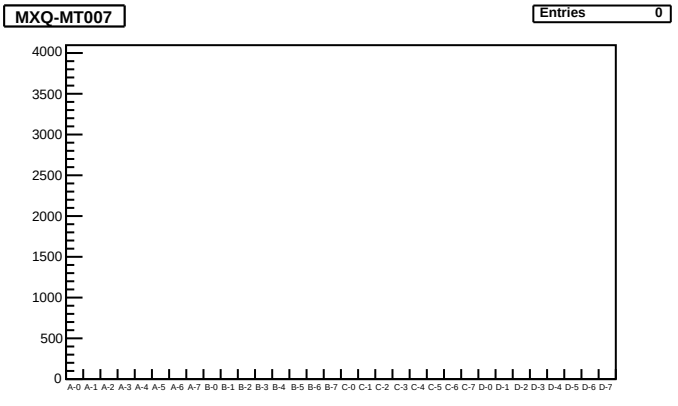

MXQ-MT002
Entries 7.339142e+07

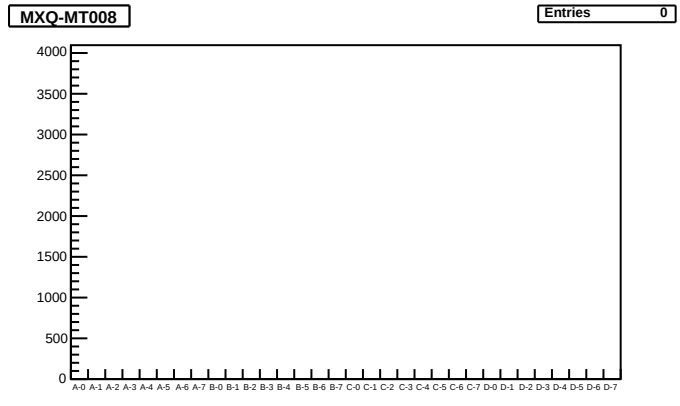

MXQ-MT003
Entries 7.339142e+07

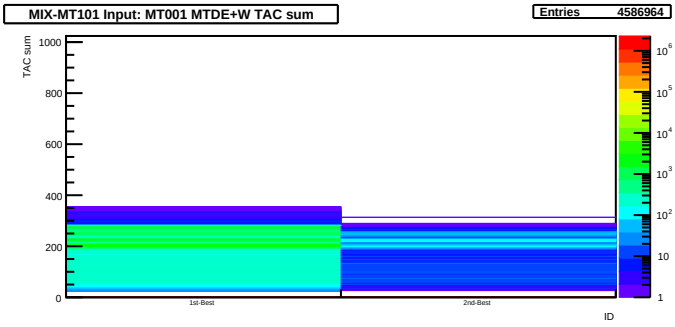

MXQ-MT004
Entries 7.339142e+07

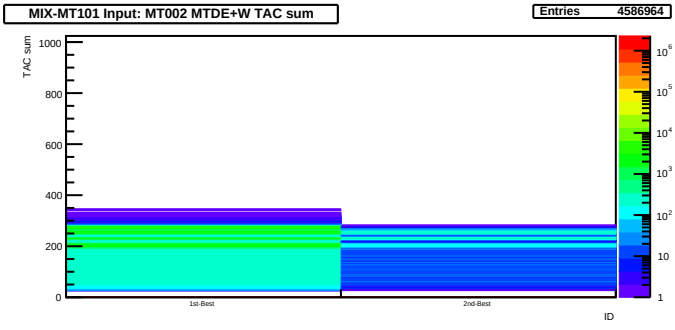

MXQ-MT005
Entries 7.339142e+07

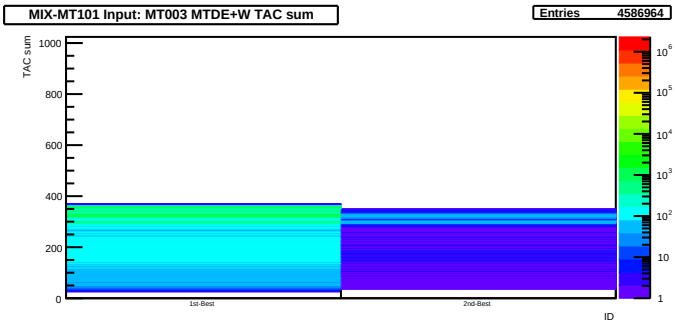

MXQ-MT006
Entries 0

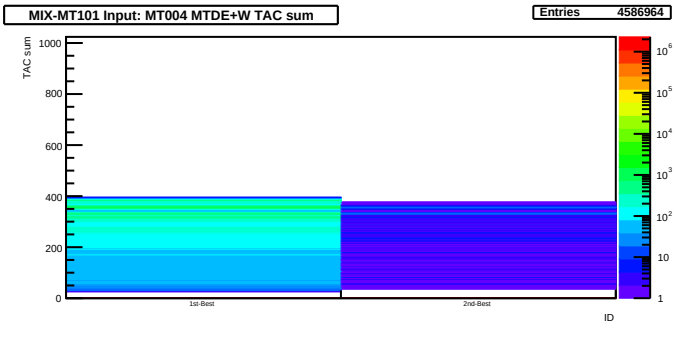

MXQ-MT007
Entries 0

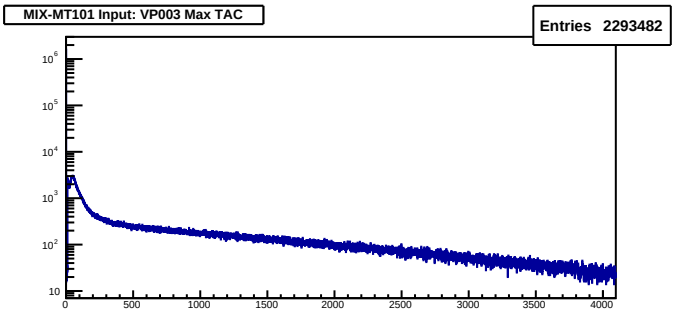

MXQ-MT008
Entries 0

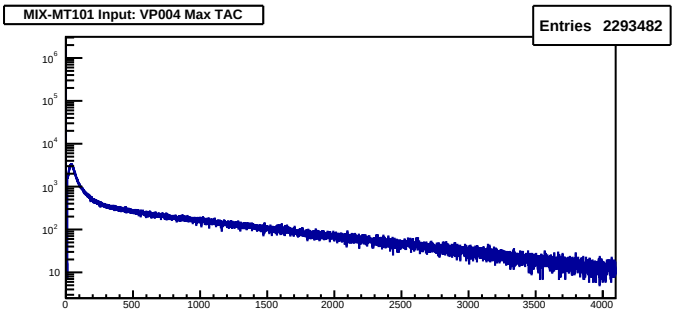

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID

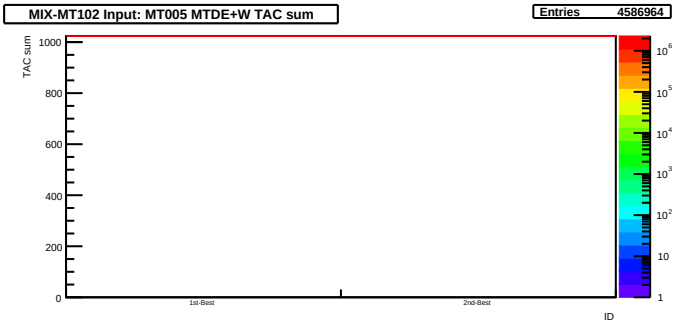

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID

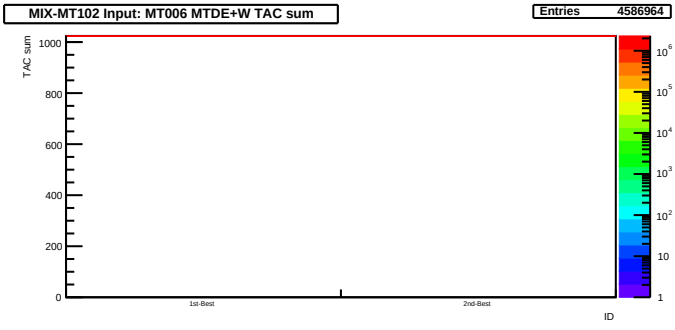

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID

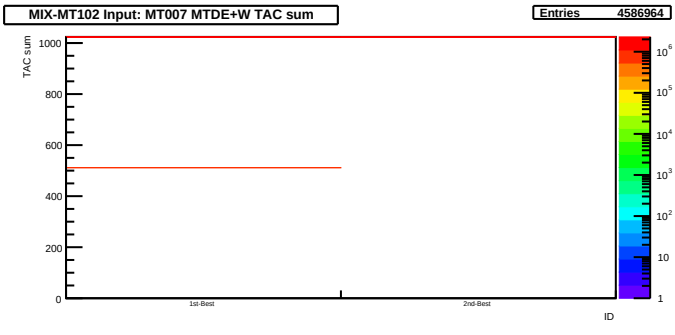

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID

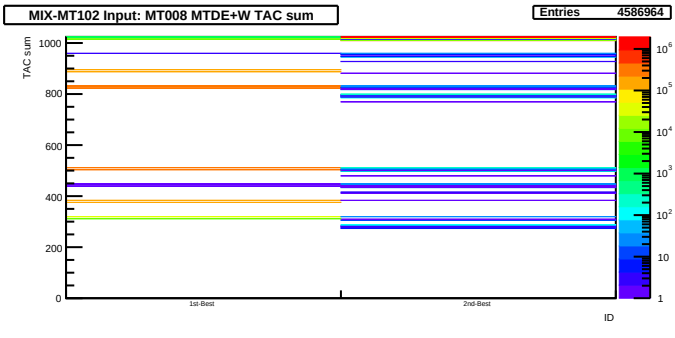

MIX-MT101 Input: VP003 Max TAC
Entries 2293482

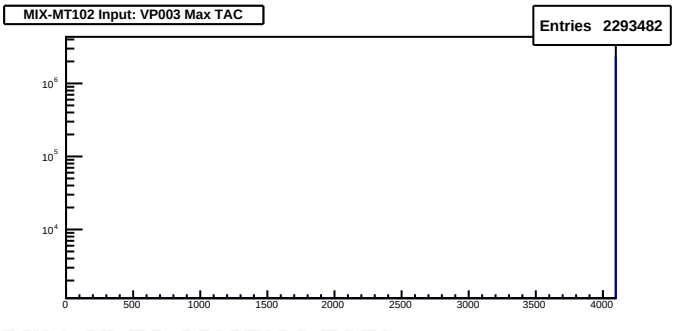

MIX-MT101 Input: VP004 Max TAC
Entries 2293482

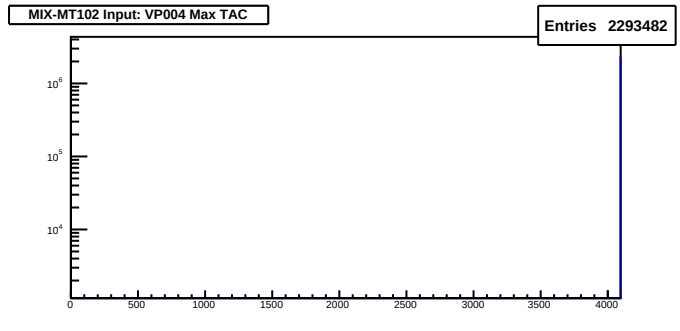

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID

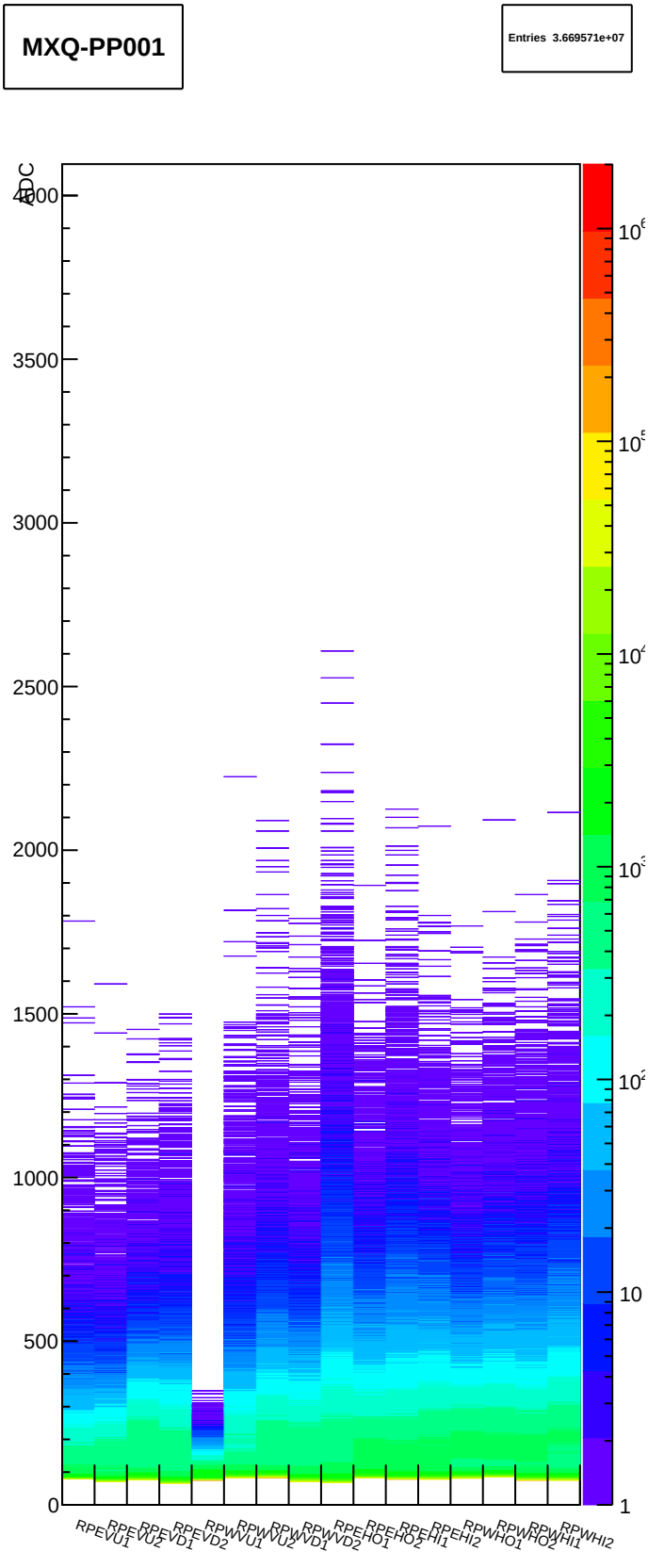

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID

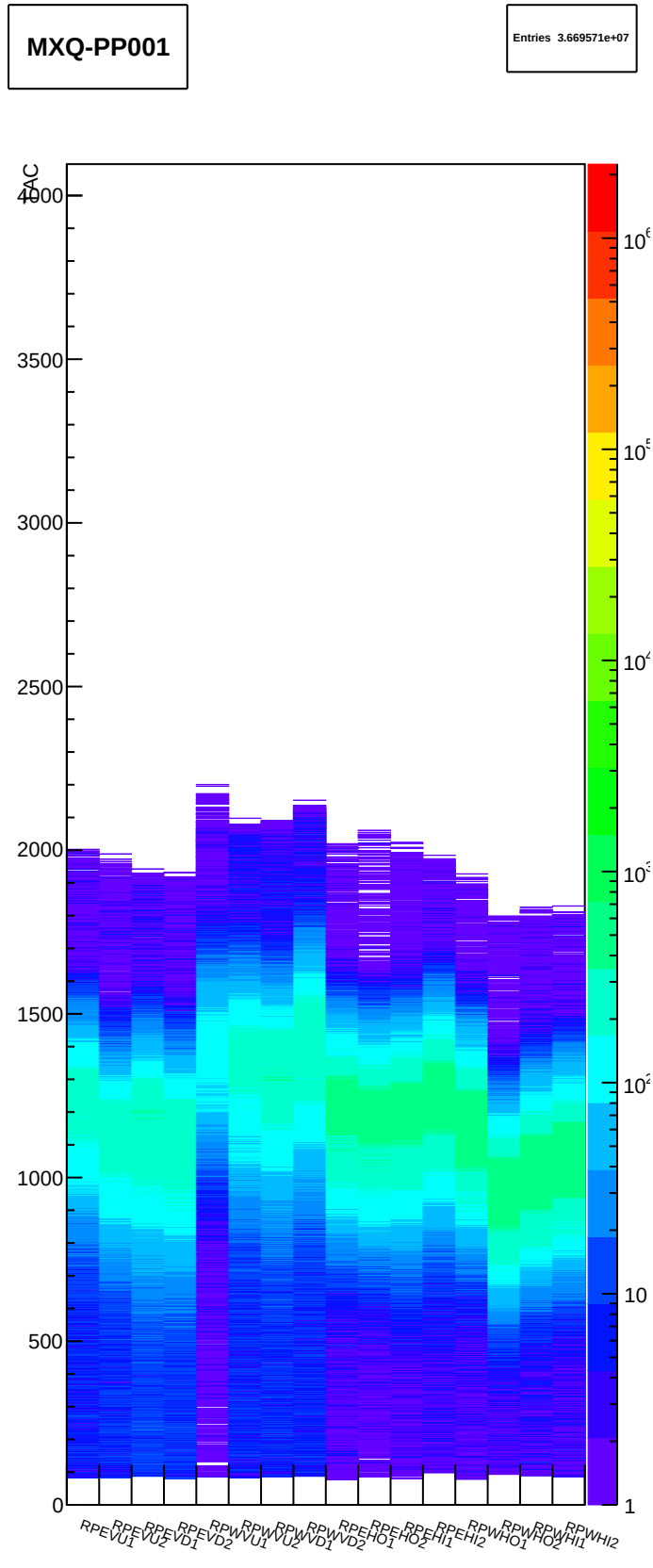

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4586964
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2293482


MIX-MT102 Input: VP004 Max TAC
Entries 2293482


MXQ-PP001
Entries 3.669571e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 3.669571e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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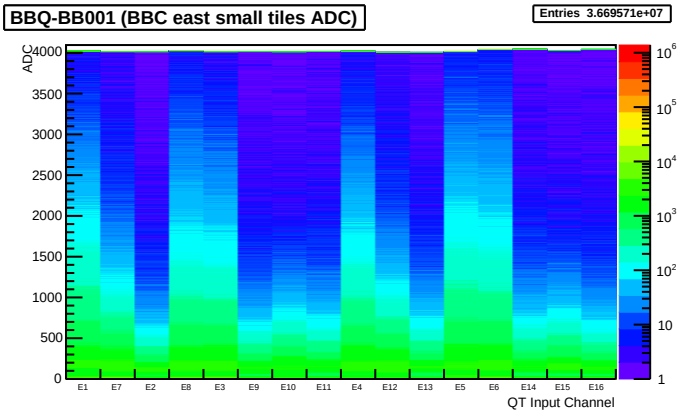
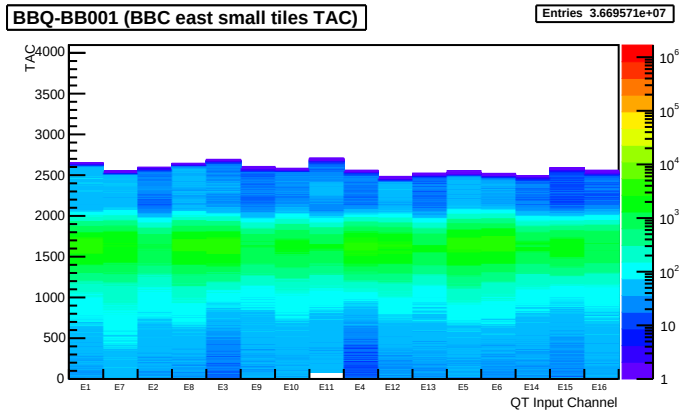
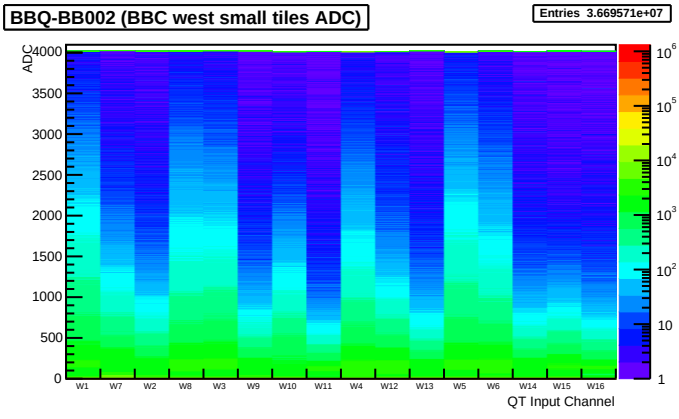
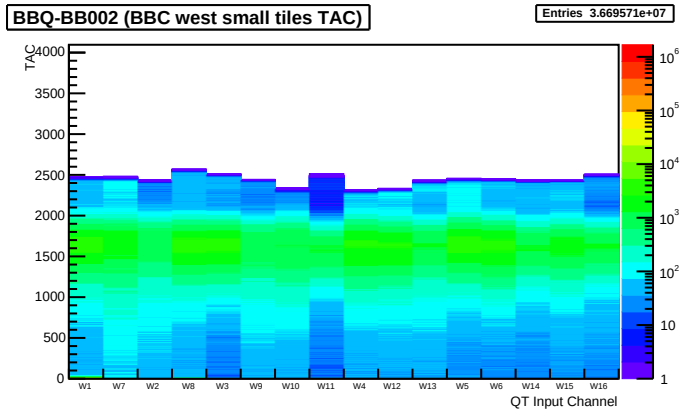
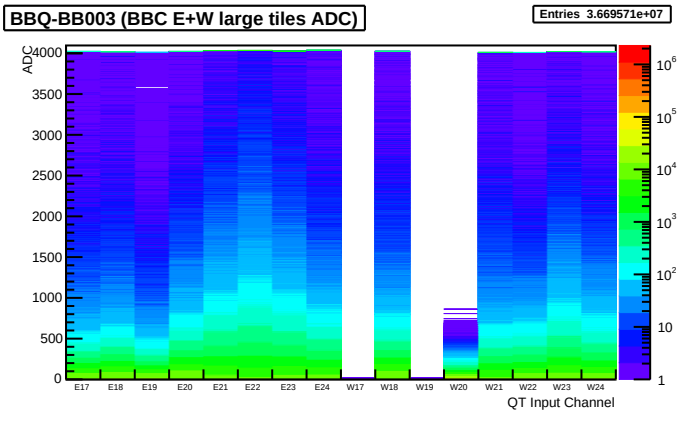
10^5
10^4
10^3
10^2
10
1

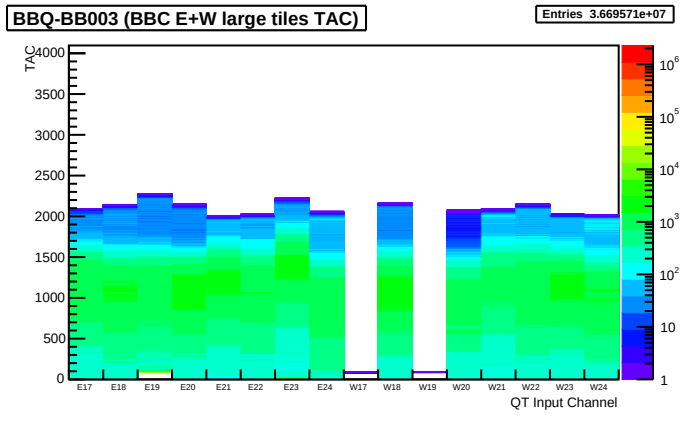

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.669571e+07
ADC
QT Input Channel

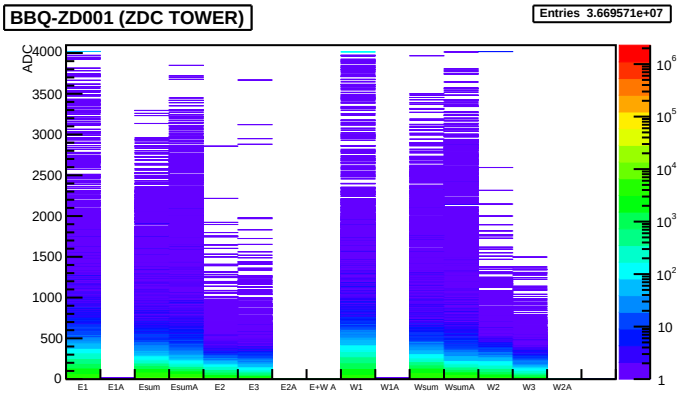

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.669571e+07
TAC
QT Input Channel

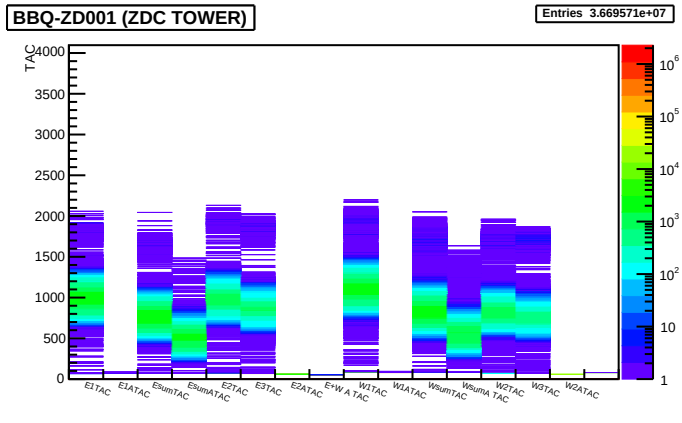

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.669571e+07
ADC
QT Input Channel

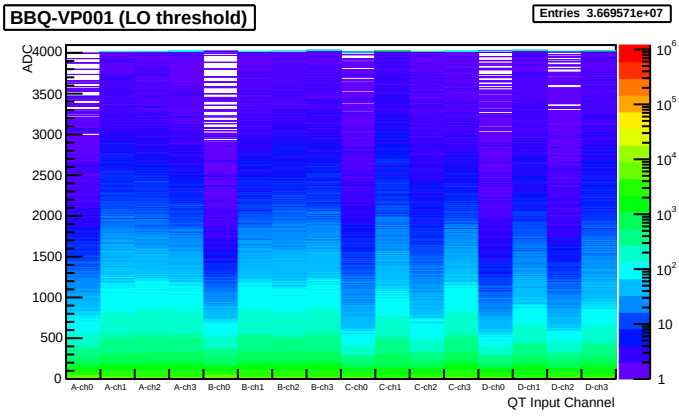

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.669571e+07
TAC
QT Input Channel

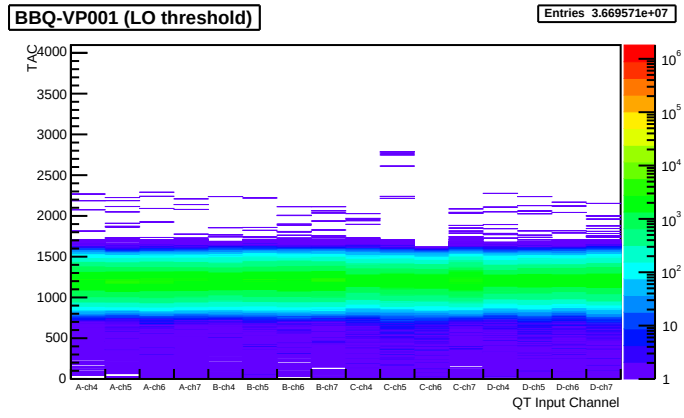

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.669571e+07
ADC
QT Input Channel

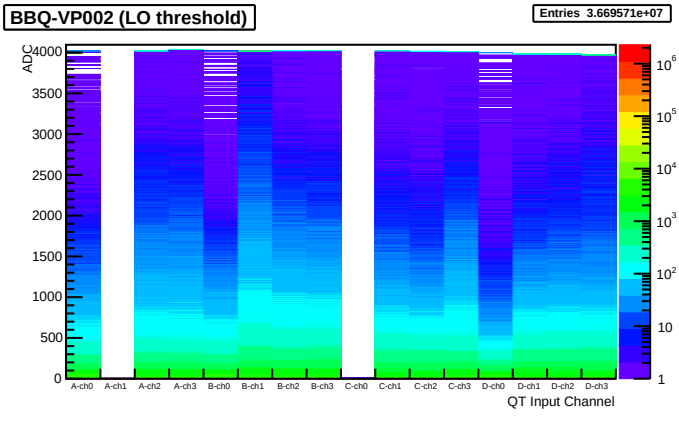

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.669571e+07
TAC
QT Input Channel

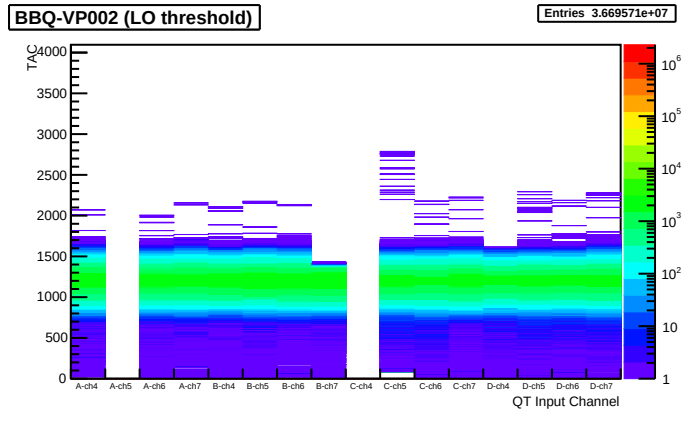

BBQ-ZD001 (ZDC TOWER)
Entries 3.669571e+07
ADC

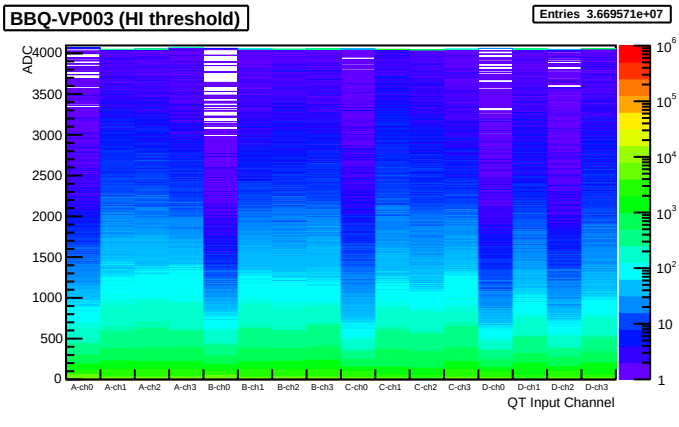

BBQ-ZD001 (ZDC TOWER)
Entries 3.669571e+07
TAC

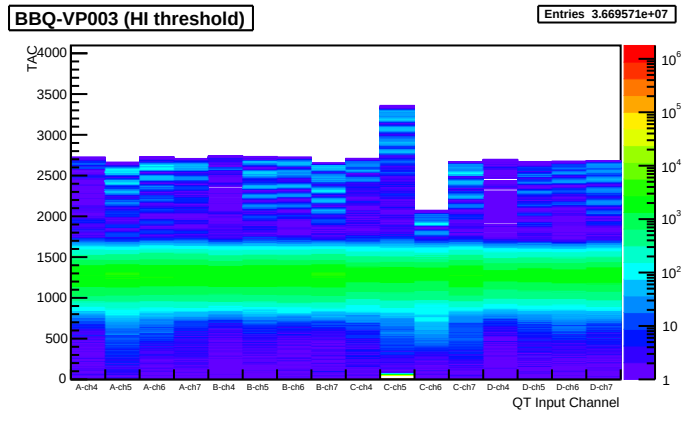

BBQ-VP001 (LO threshold)
Entries 3.669571e+07
ADC
QT Input Channel

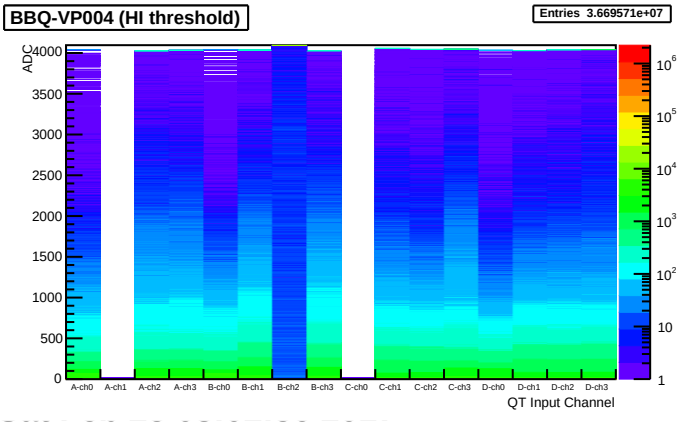

BBQ-VP001 (LO threshold)
Entries 3.669571e+07
TAC
QT Input Channel

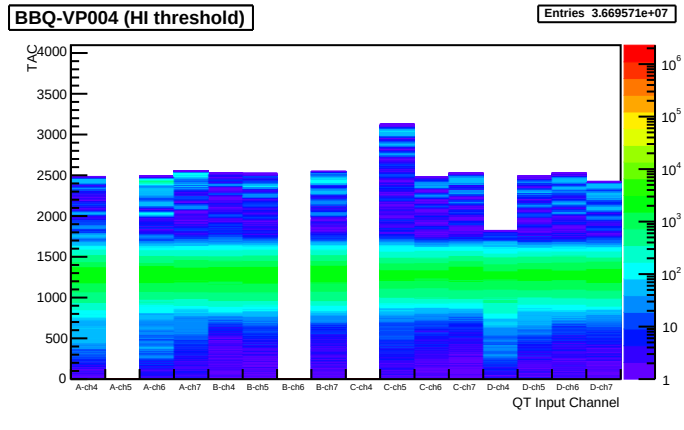

BBQ-VP002 (LO threshold)
Entries 3.669571e+07
ADC
QT Input Channel

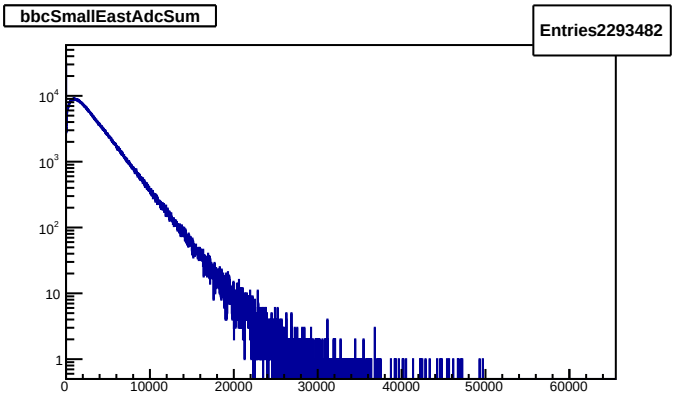

BBQ-VP002 (LO threshold)
Entries 3.669571e+07
TAC
QT Input Channel

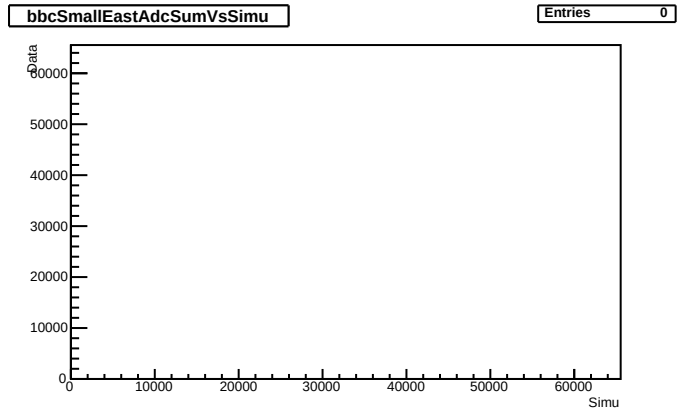

BBQ-VP003 (HI threshold)
Entries 3.669571e+07
ADC
QT Input Channel

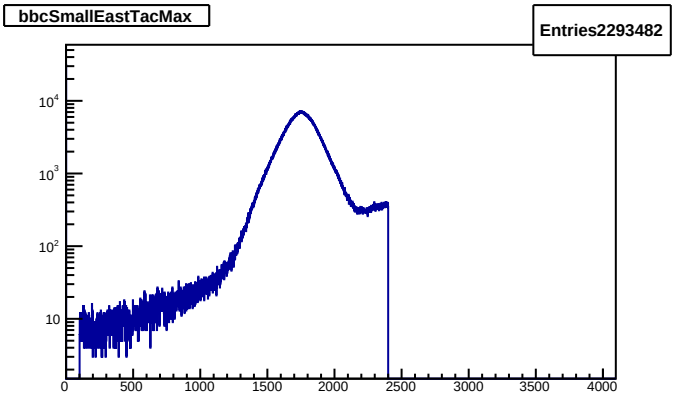

BBQ-VP003 (HI threshold)
Entries 3.669571e+07
TAC
QT Input Channel

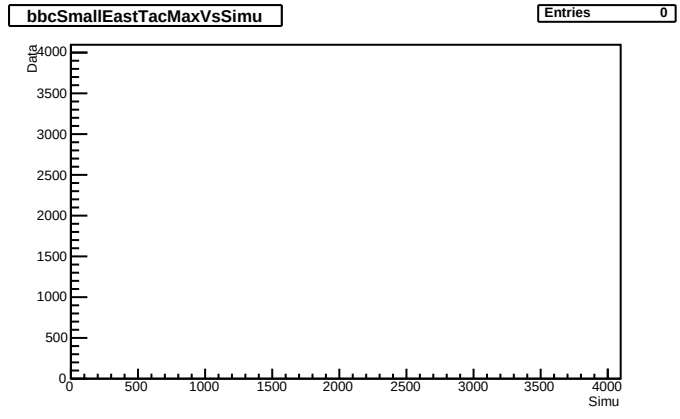

BBQ-VP004 (HI threshold)
Entries 3.669571e+07
ADC
QT Input Channel

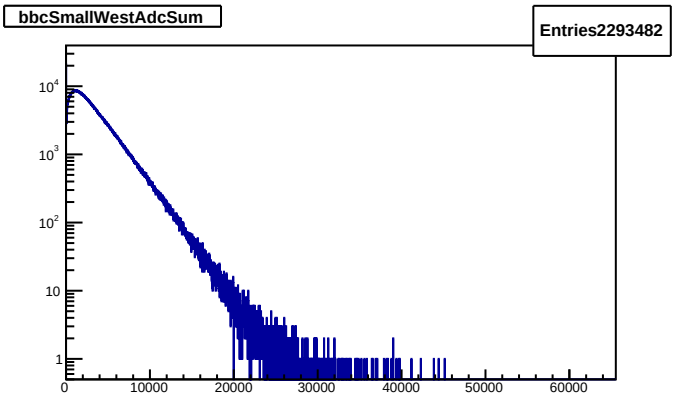

BBQ-VP004 (HI threshold)
Entries 3.669571e+07
TAC
QT Input Channel

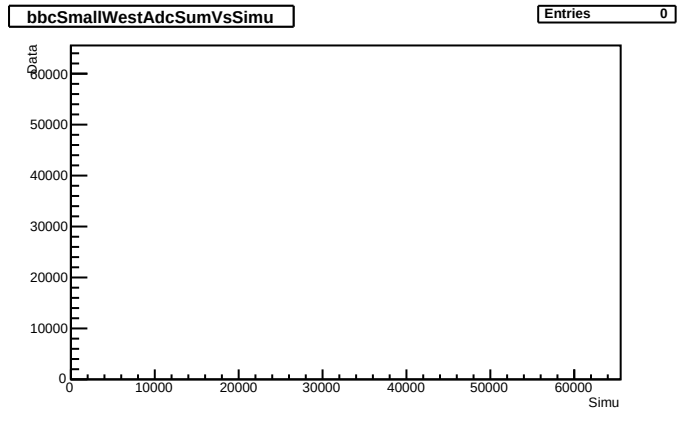

bbcSmallEastAdcSum
Entries2293482

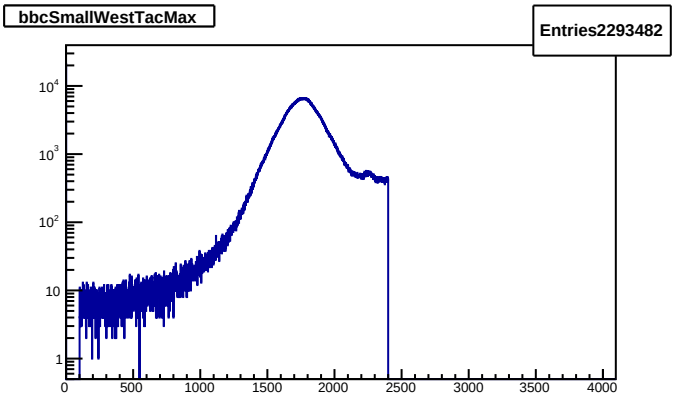

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

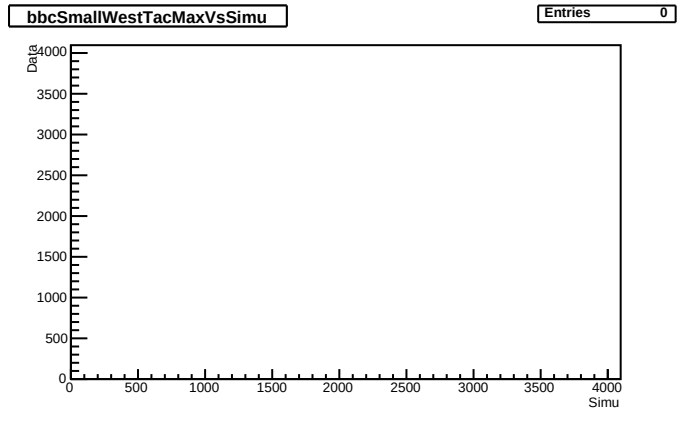

bbcSmallEastTacMax
Entries2293482

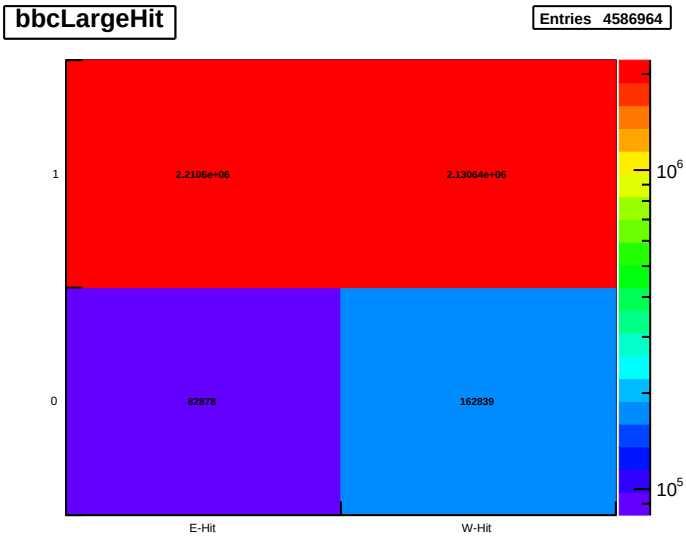

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

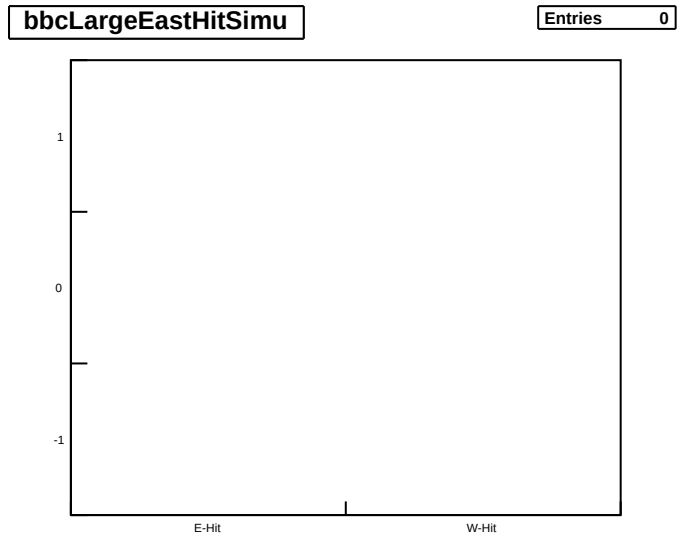

bbcSmallWestAdcSum
Entries2293482

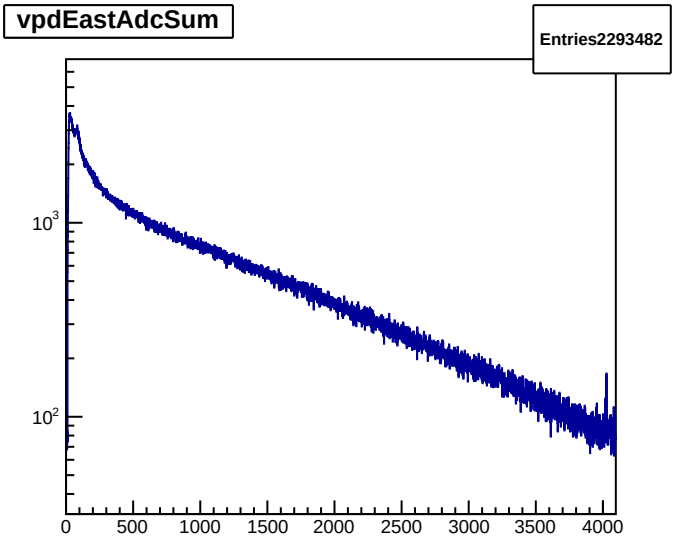

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

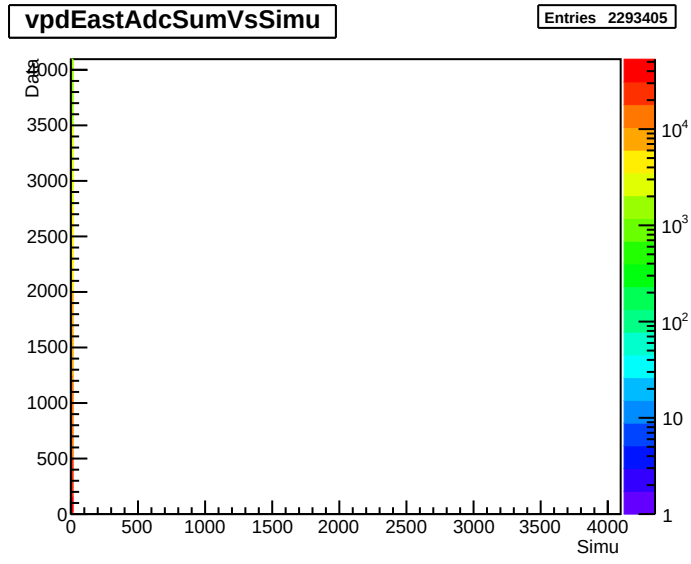

bbcSmallWestTacMax
Entries2293482

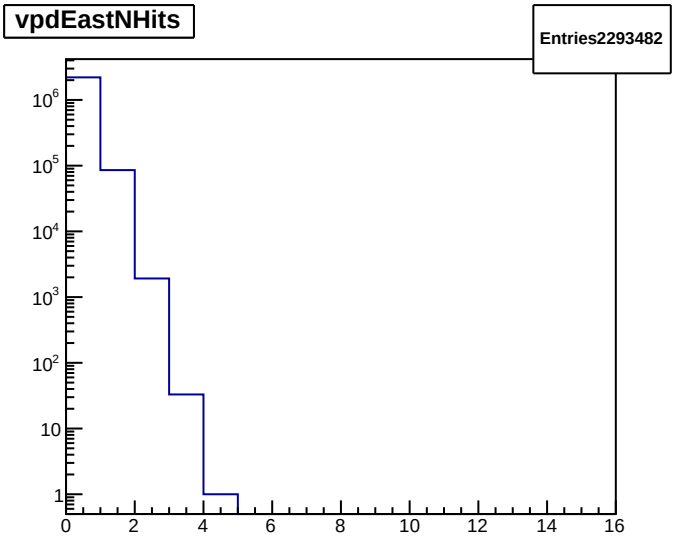

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

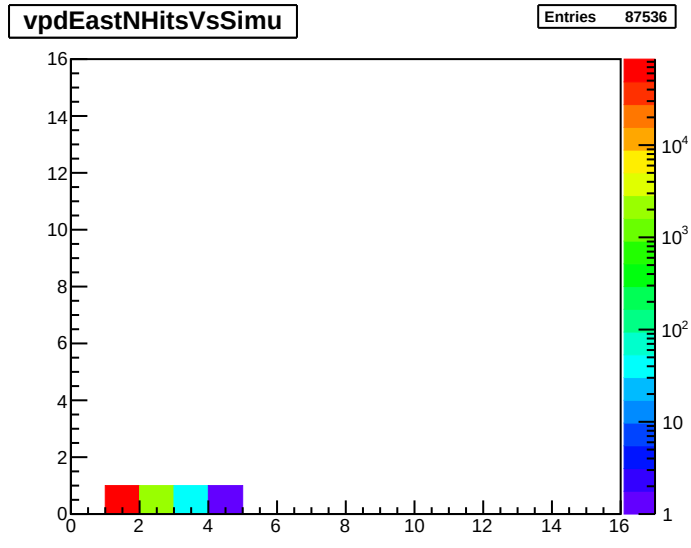

bbcLargeHit
Entries 4586964
2.2106e+06
2.13064e+06
82878
162839
1
0
E-Hit
W-Hit
$10^6$
$10^5$

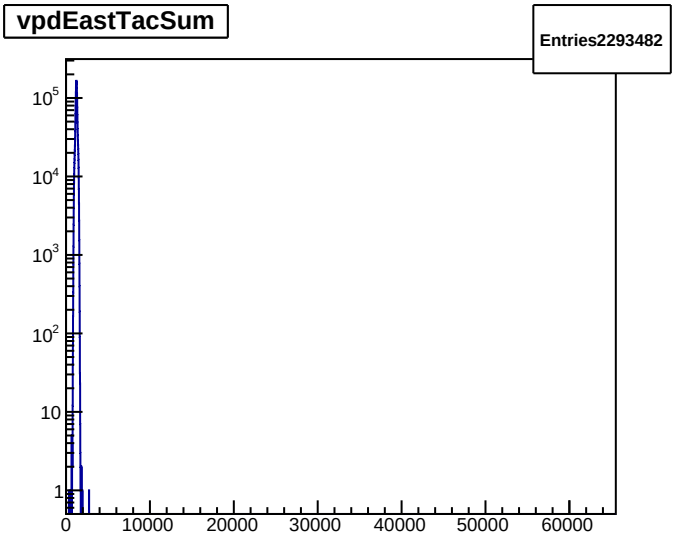

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

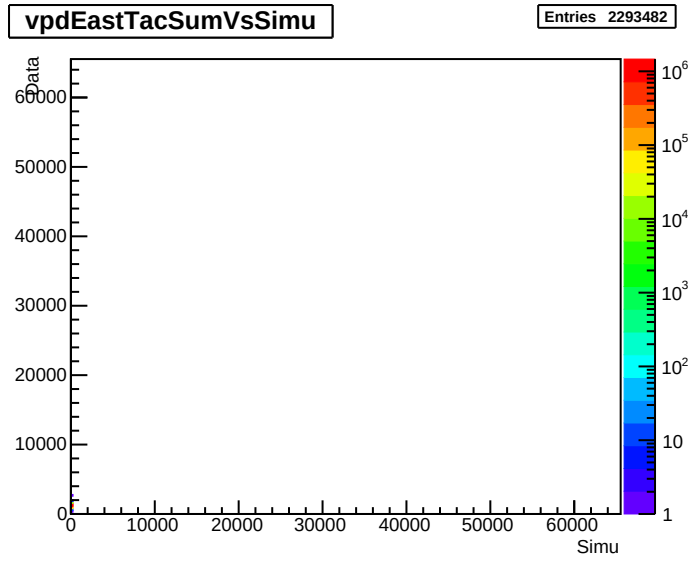

vpdEastAdcSum
Entries2293482

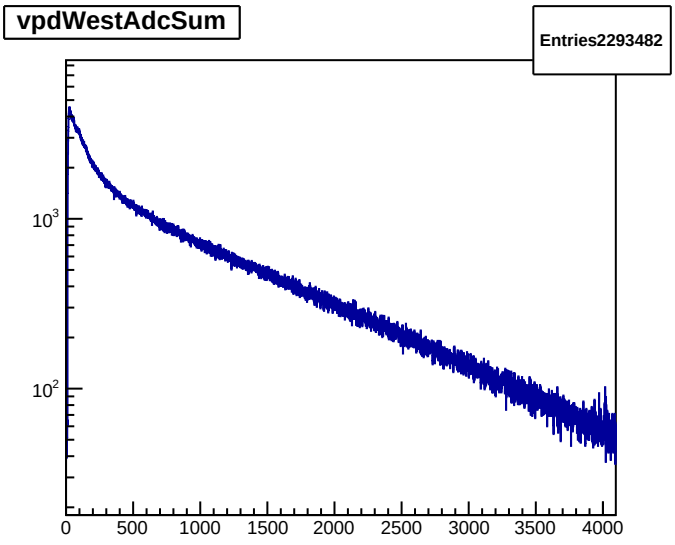

vpdEastAdcSumVsSimu
Entries 2293405
Data
Simu

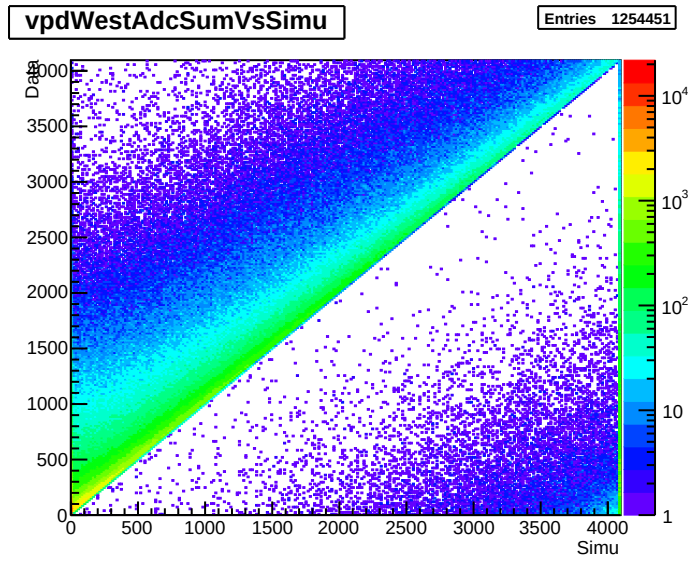

vpdEastNHits
Entries2293482

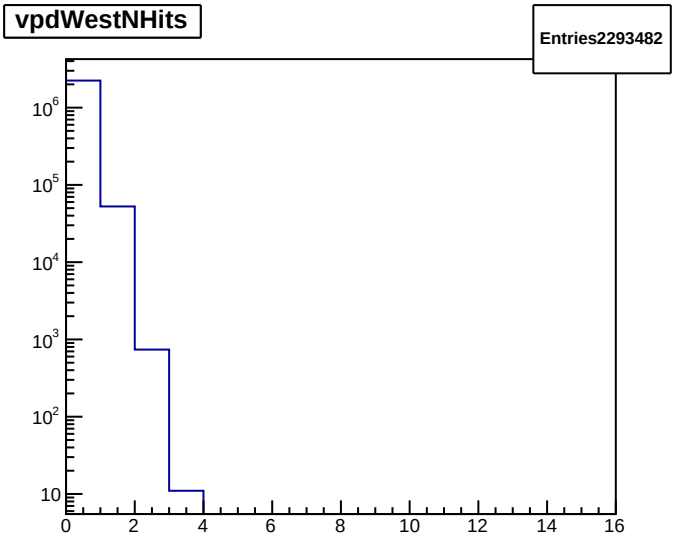

vpdEastNHitsVsSimu
Entries 87536

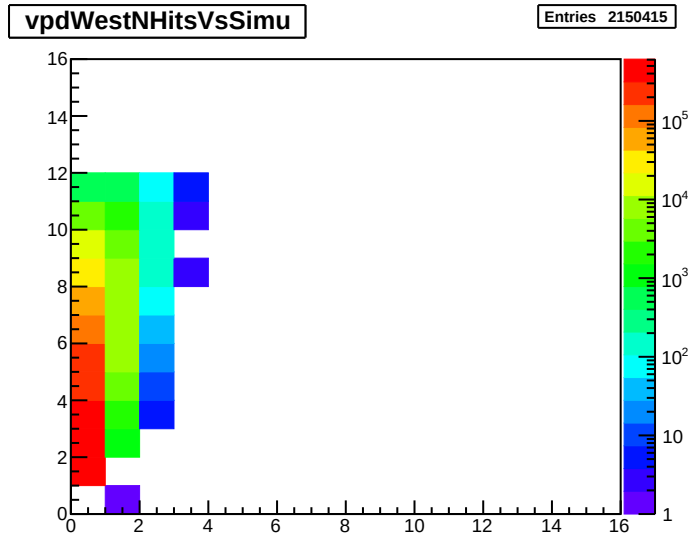

vpdEastTacSum
Entries2293482

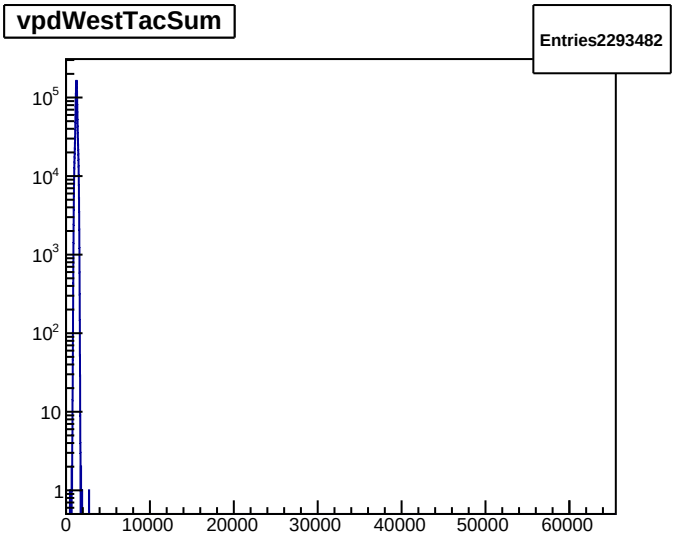

vpdEastTacSumVsSimu
Entries 2293482
Data
Simu

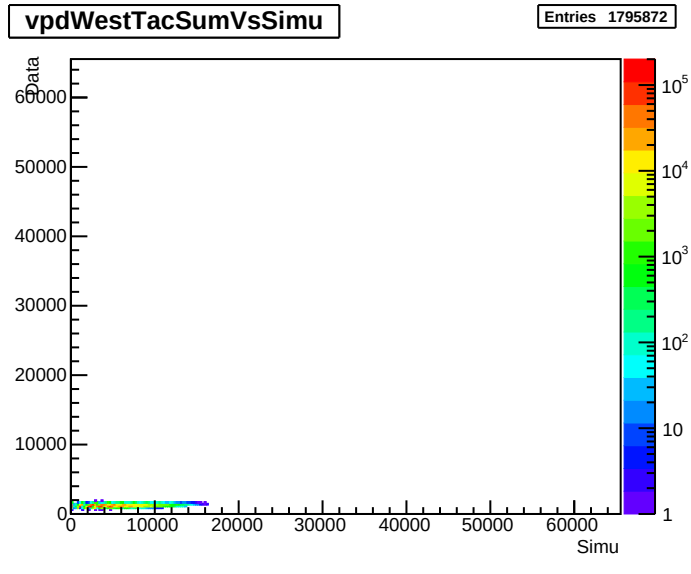

vpdWestAdcSum
Entries2293482

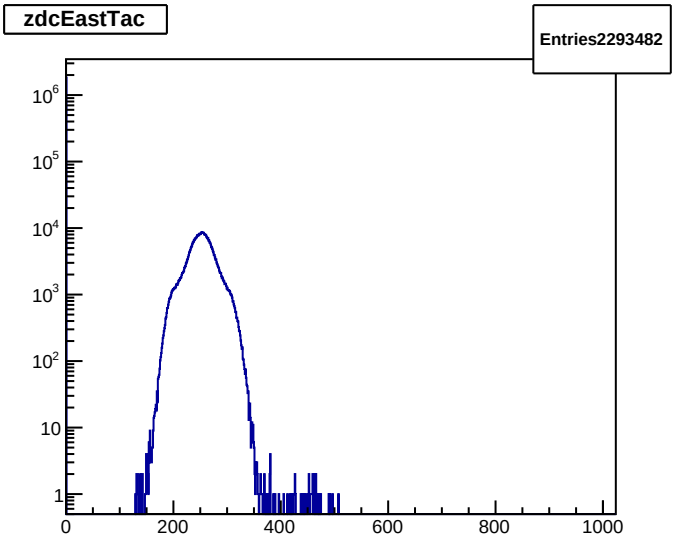

vpdWestAdcSumVsSimu
Entries 1254451
Data
Simu

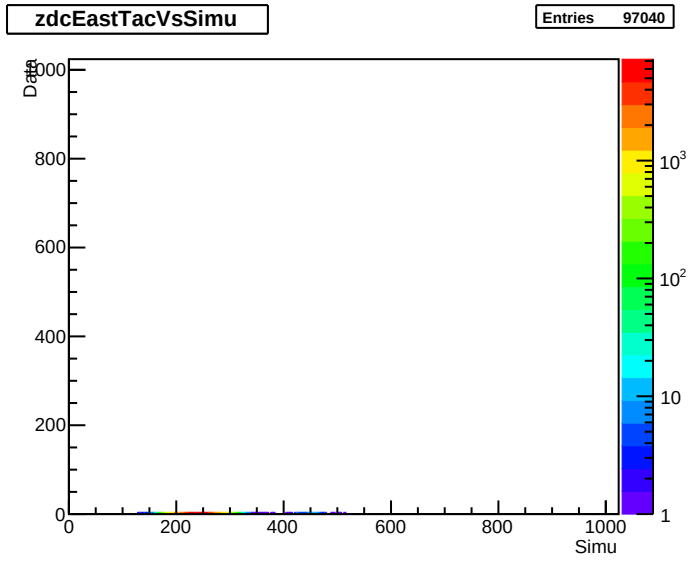

vpdWestNHits
Entries2293482

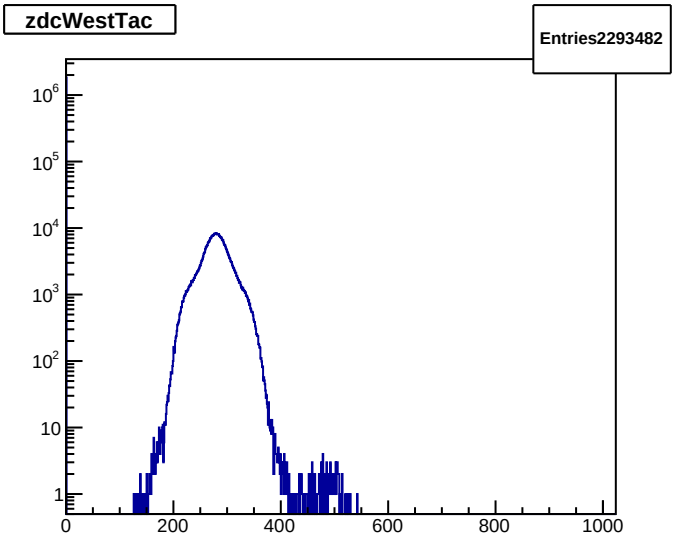

vpdWestNHitsVsSimu
Entries 2150415

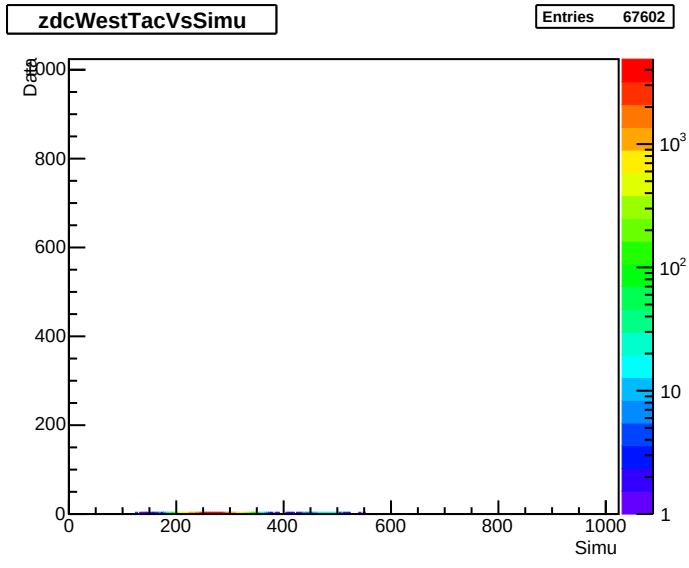

vpdWestTacSum
Entries2293482

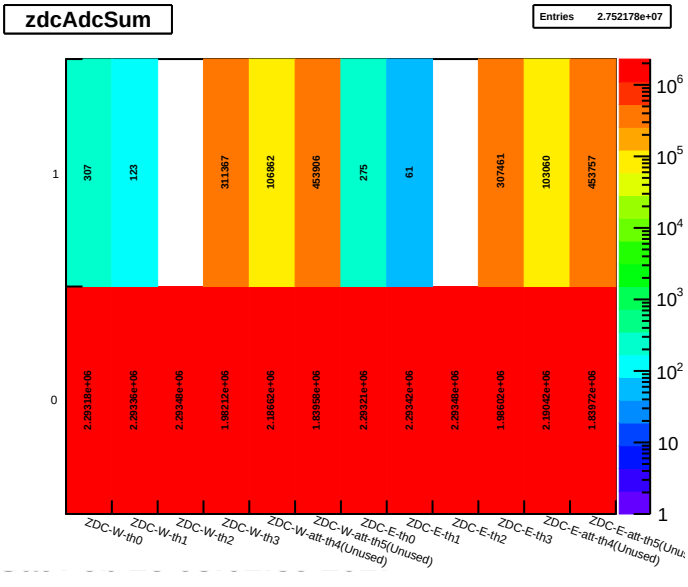

vpdWestTacSumVsSimu
Entries 1795872
Data
Simu

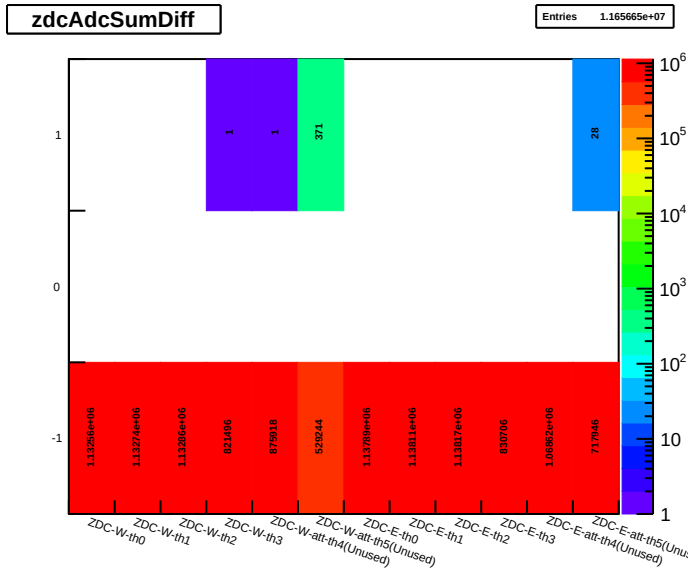

zdcEastTac
Entries2293482

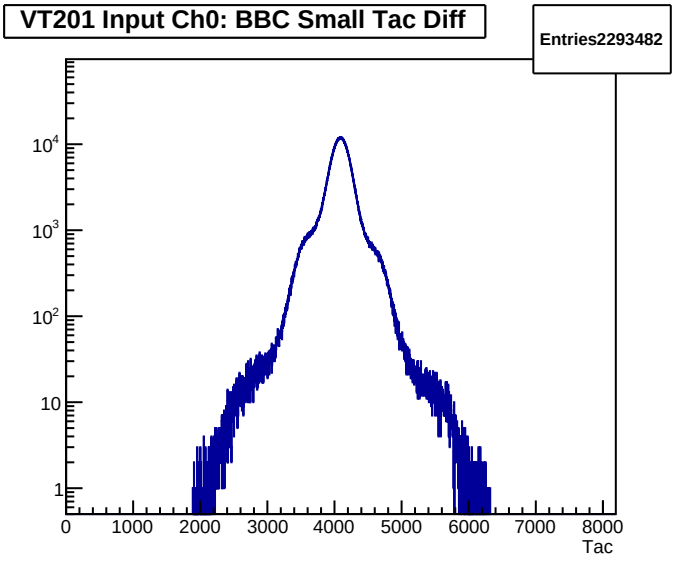

zdcEastTacVsSimu
Entries 97040
Data
Simu

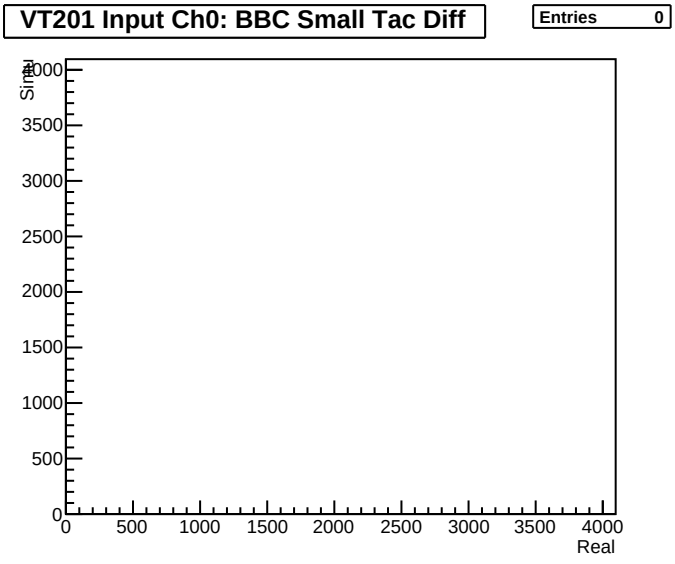

zdcWestTac
Entries2293482

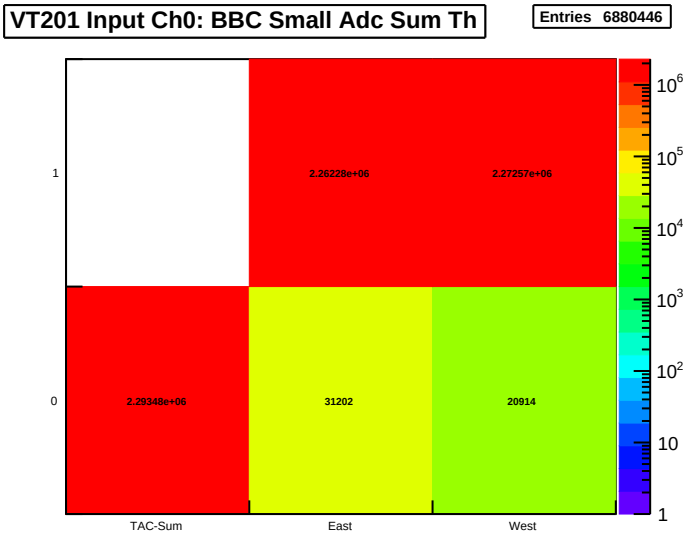

zdcWestTacVsSimu
Entries 67602
Data
Simu

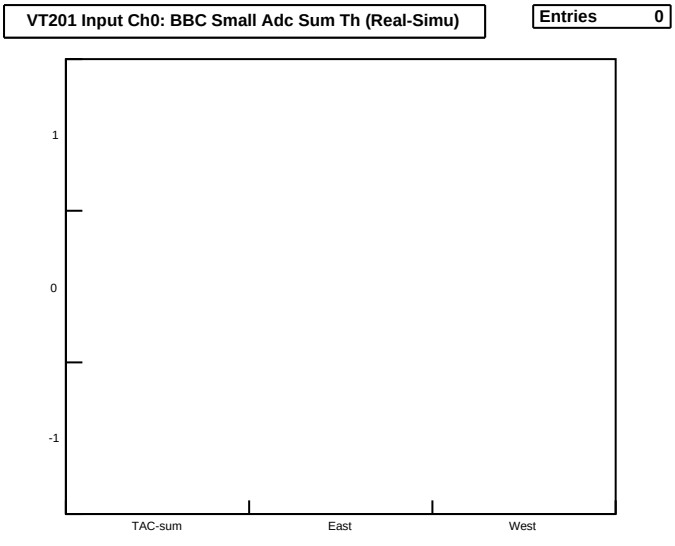

zdcAdcSum
Entries 2.752178e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

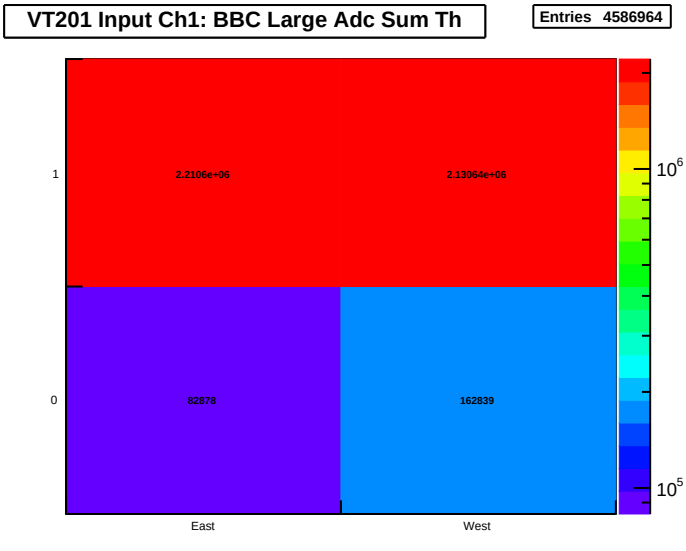

zdcAdcSumDiff
Entries 1.165665e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

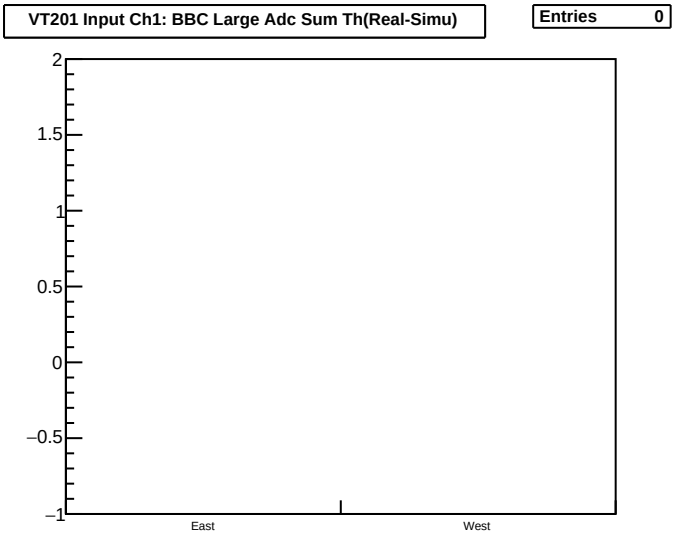

VT201 Input Ch0: BBC Small Tac Diff
Entries2293482
Tac


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

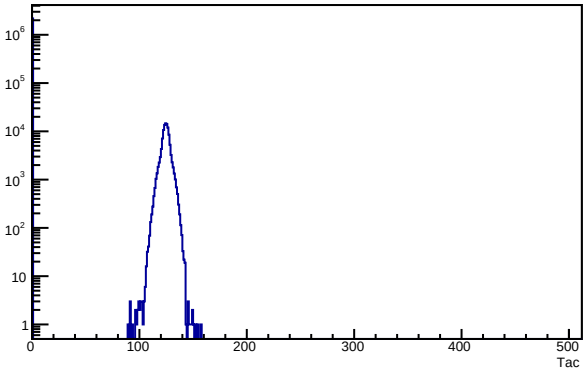

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6880446
2.26228e+06
2.27257e+06
2.29348e+06
31202
20914
TAC-Sum
East
West


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

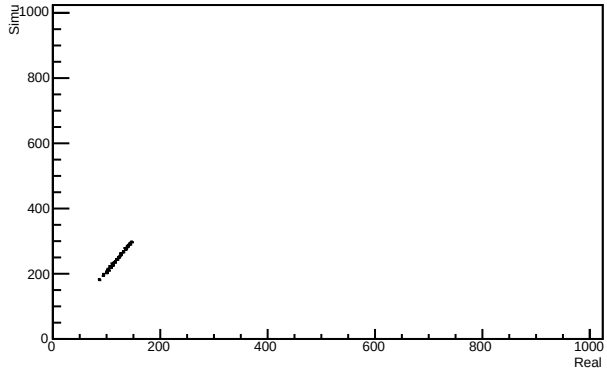

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4586964
2.2106e+06
2.13064e+06
82878
162839
East
West


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

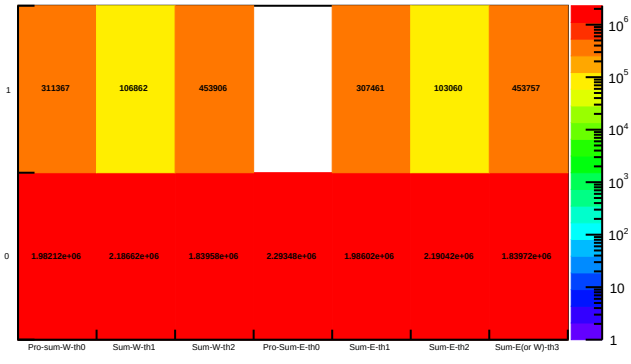
**VT201 Input Ch2: ZDC Tac Diff**



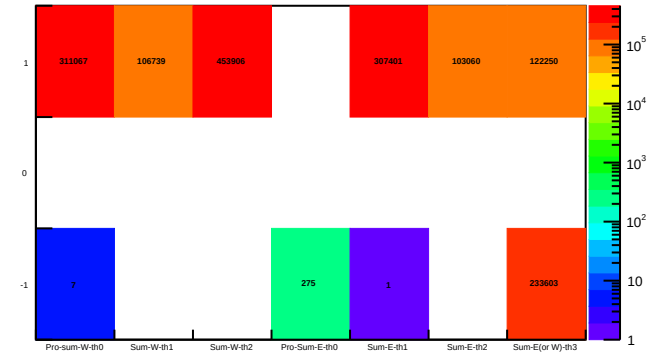

**VT201 Input Ch2: ZDC Tac Diff**



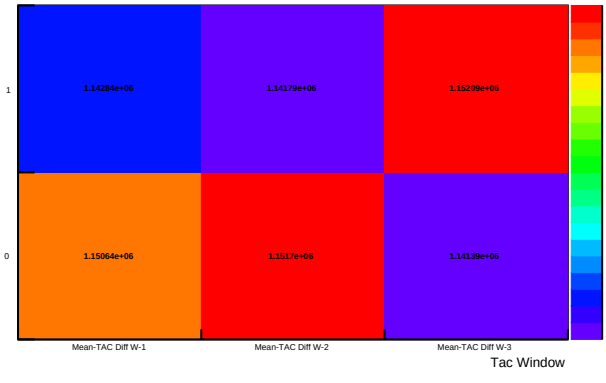

**VT201 Input Ch2: ZDC Adc Sum Th**



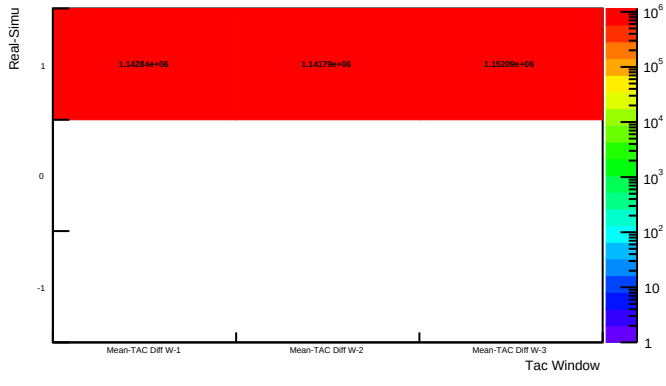

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



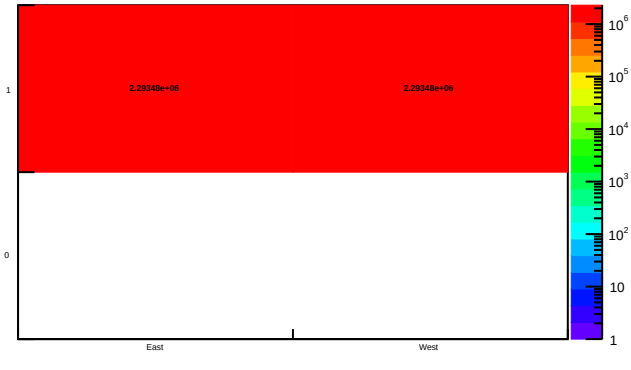

**VT201 Input Ch4: VPD Tac Diff**



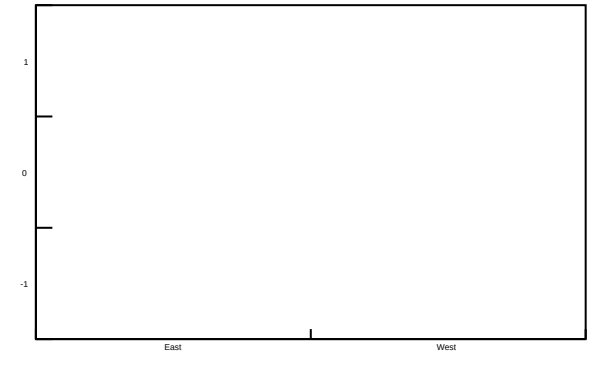

**VT201 Input Ch4: VPD Tac Diff**

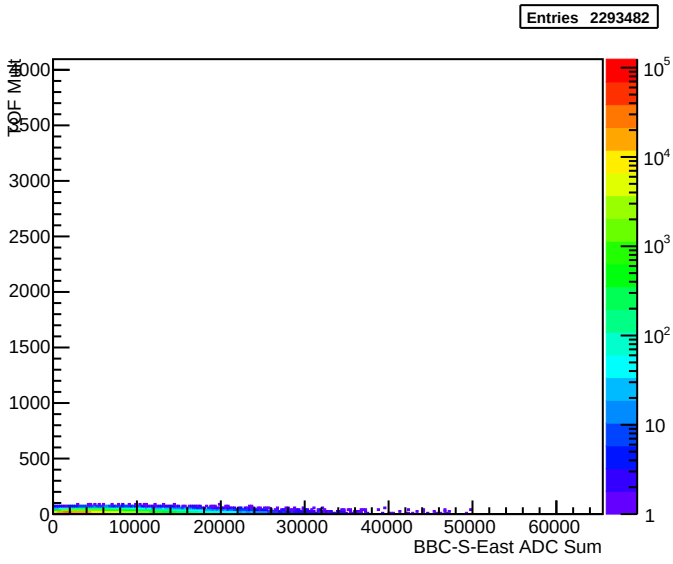


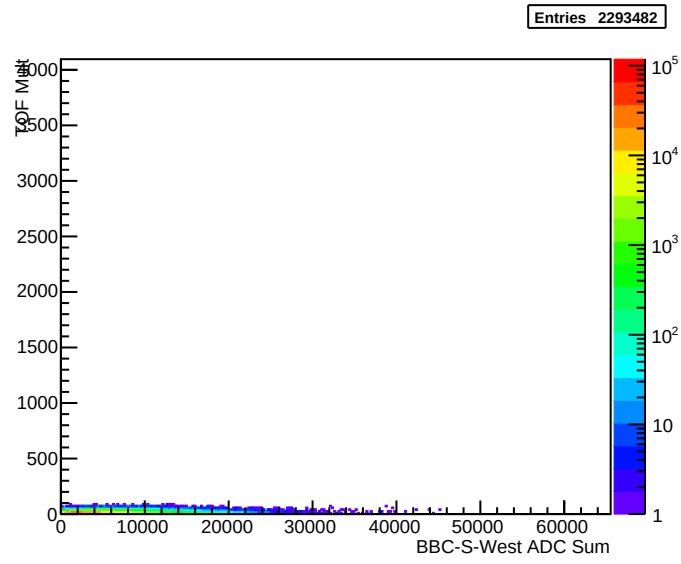

**VT201 Input Ch4: VPD Adc Sum Th**

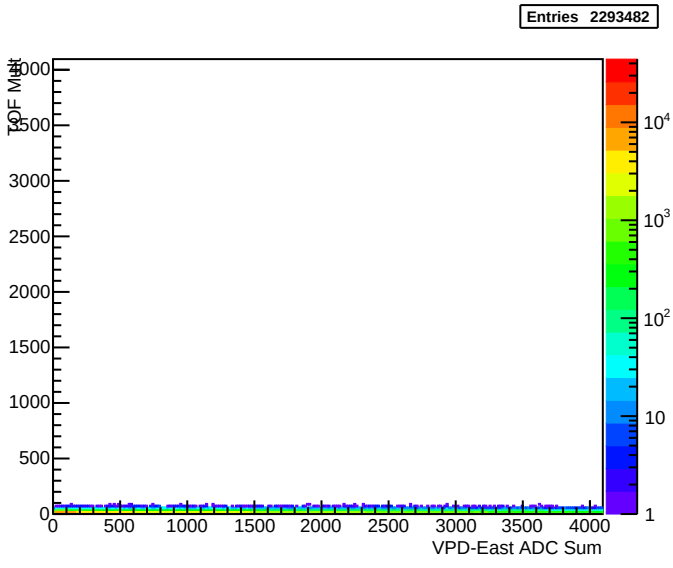


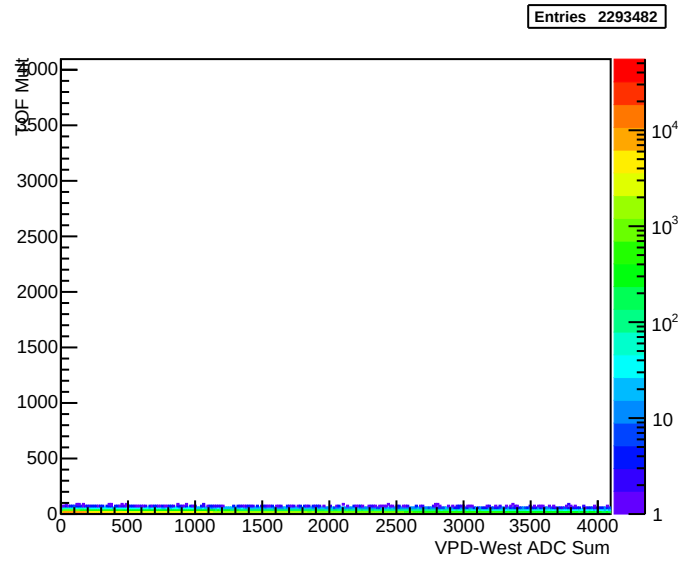

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

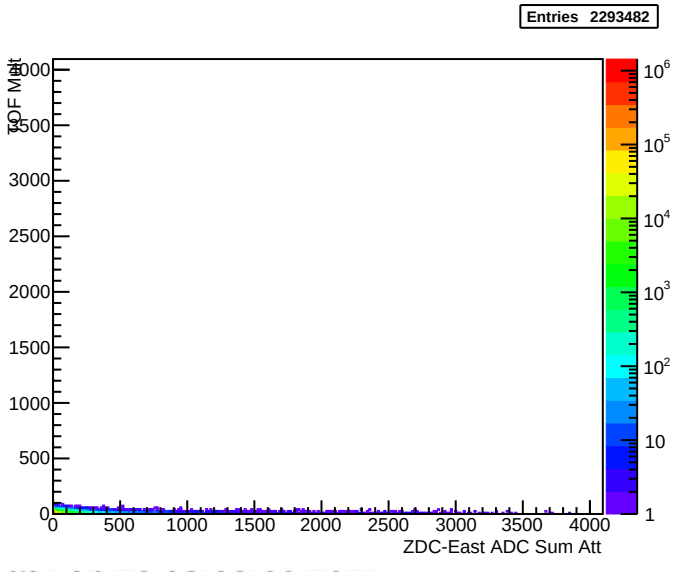


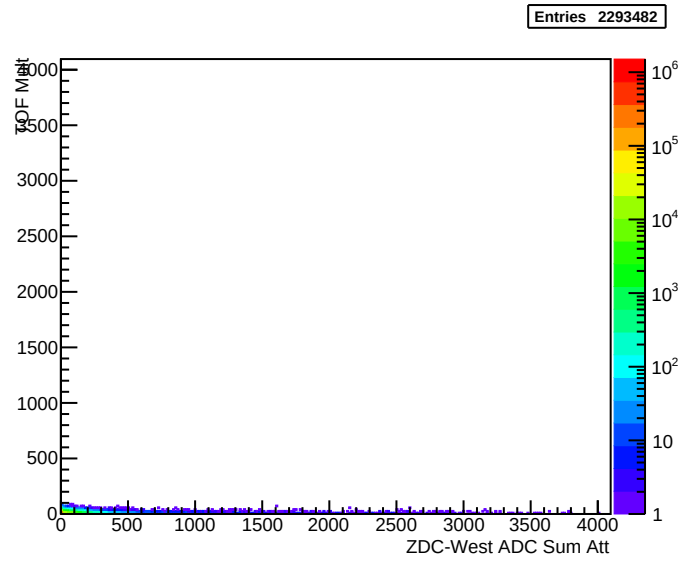

Entries 2293482
TOF Mult
BBC-S-East ADC Sum

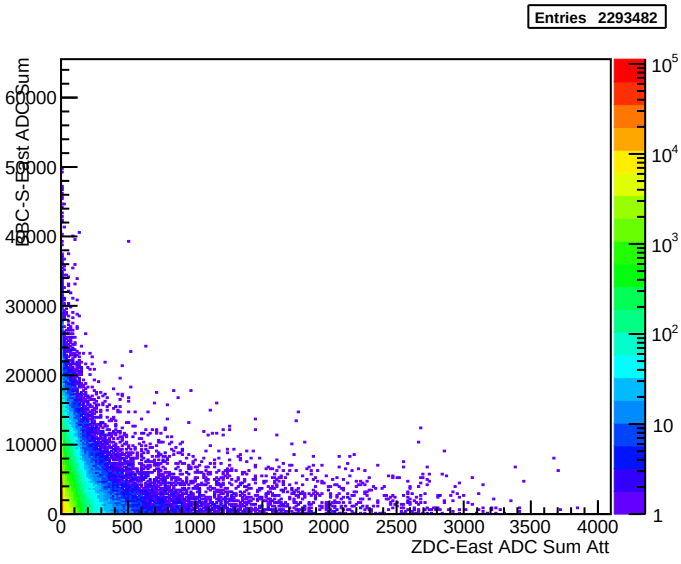

Entries 2293482
TOF Mult
BBC-S-West ADC Sum

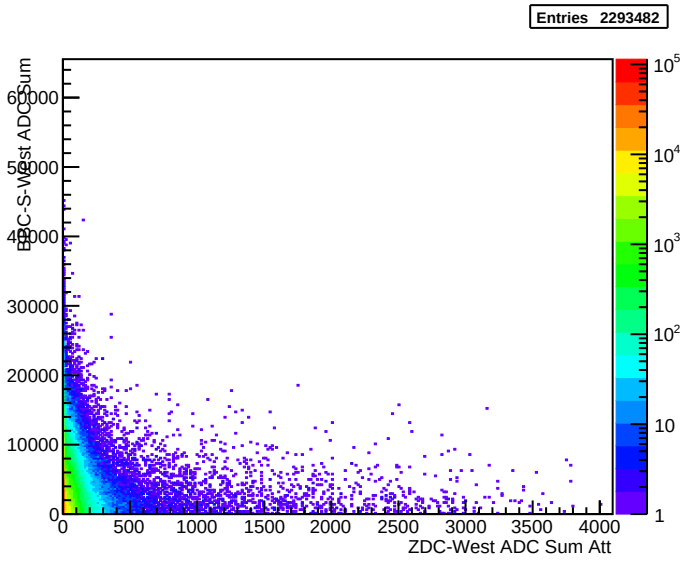

Entries 2293482
TOF Mult
VPD-East ADC Sum

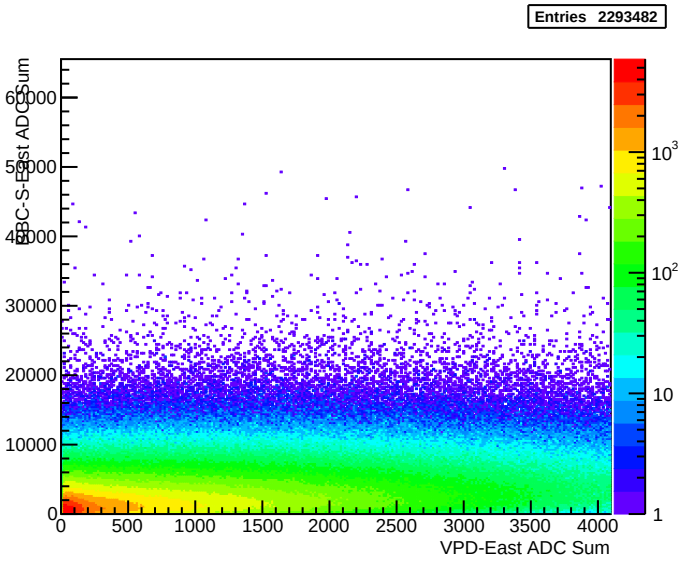

Entries 2293482
TOF Mult
VPD-West ADC Sum

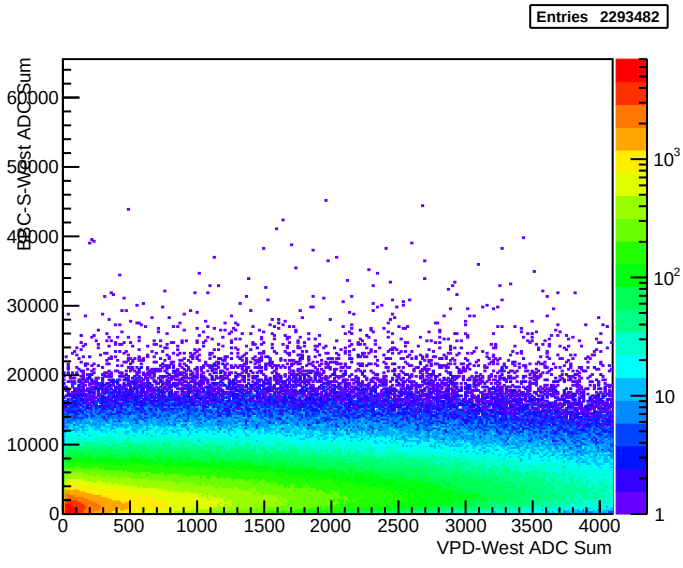

Entries 2293482
TOF Mult
ZDC-East ADC Sum Att

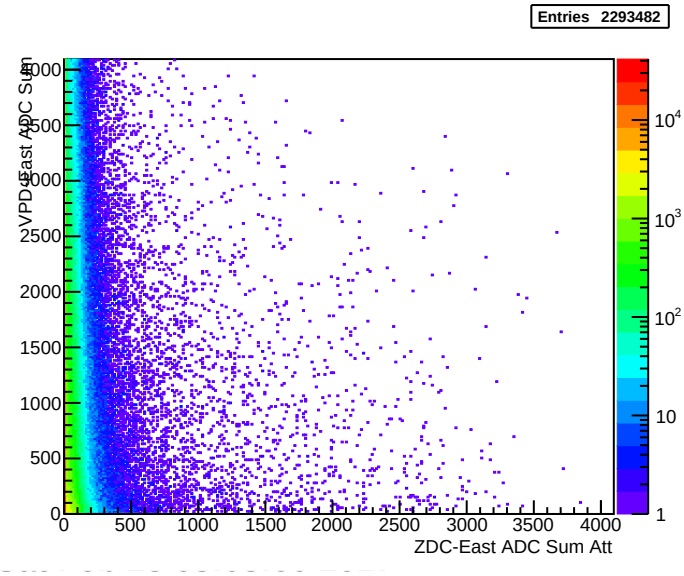

Entries 2293482
TOF Mult
ZDC-West ADC Sum Att

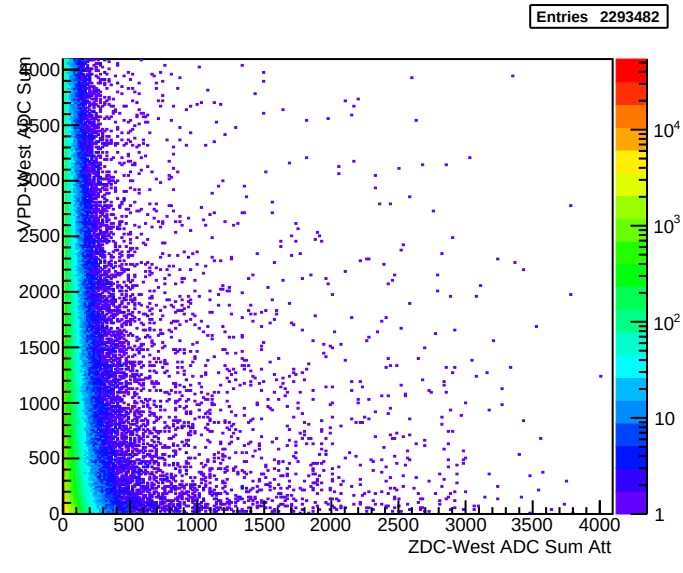

Entries 2293482
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

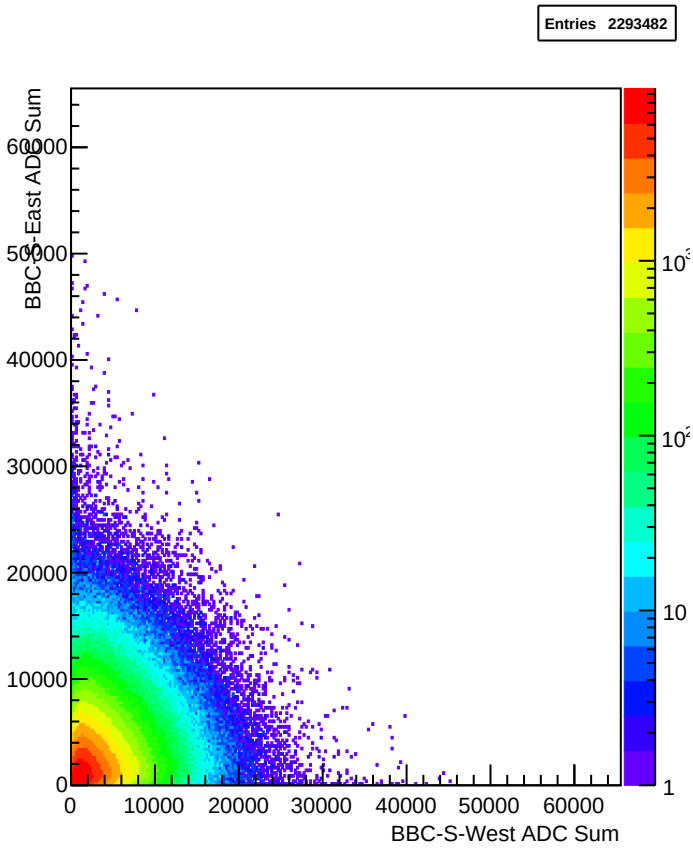

Entries 2293482
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

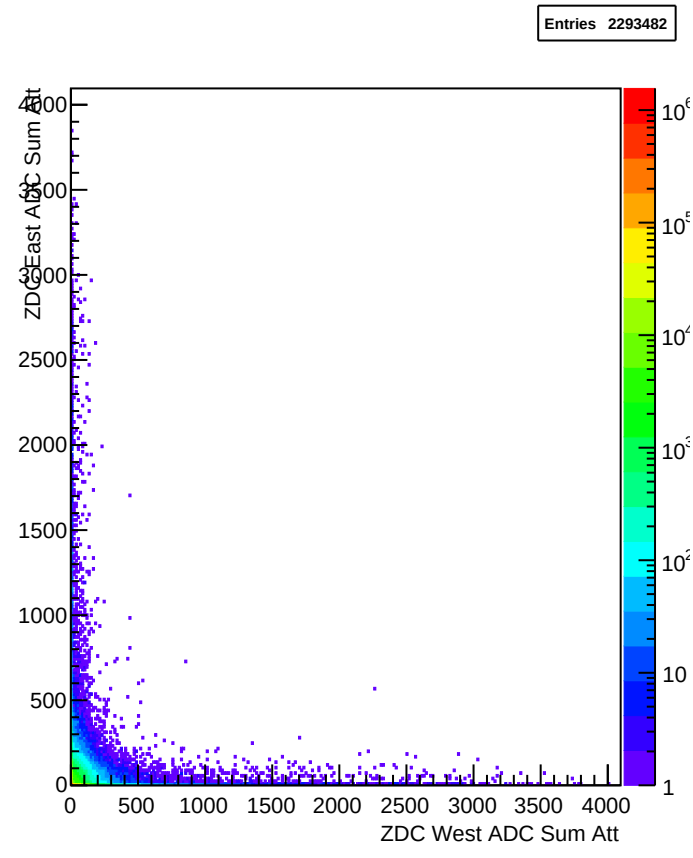

Entries 2293482
BBC-S-East ADC Sum
VPD-East ADC Sum

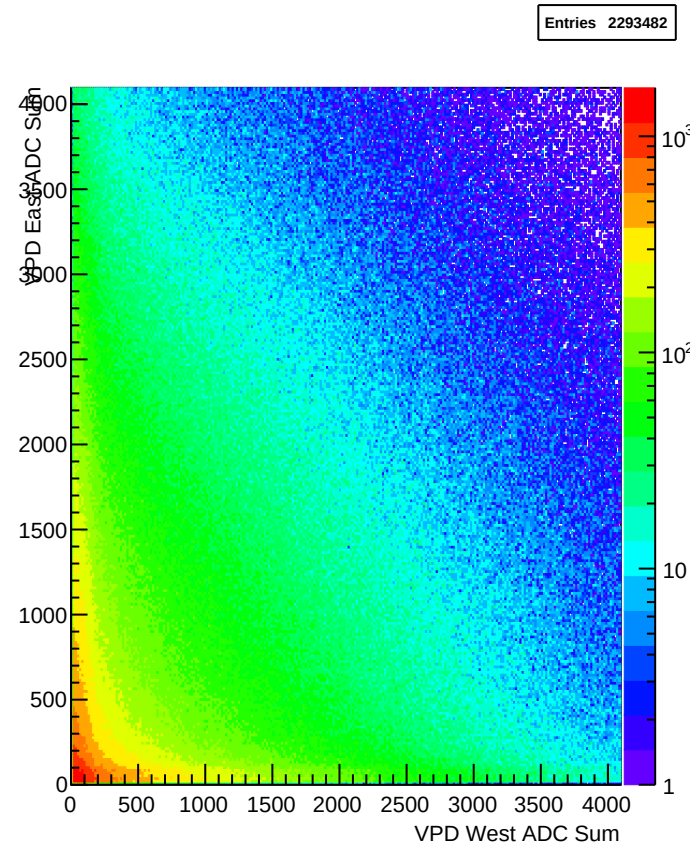

Entries 2293482
BBC-S-West ADC Sum
VPD-West ADC Sum

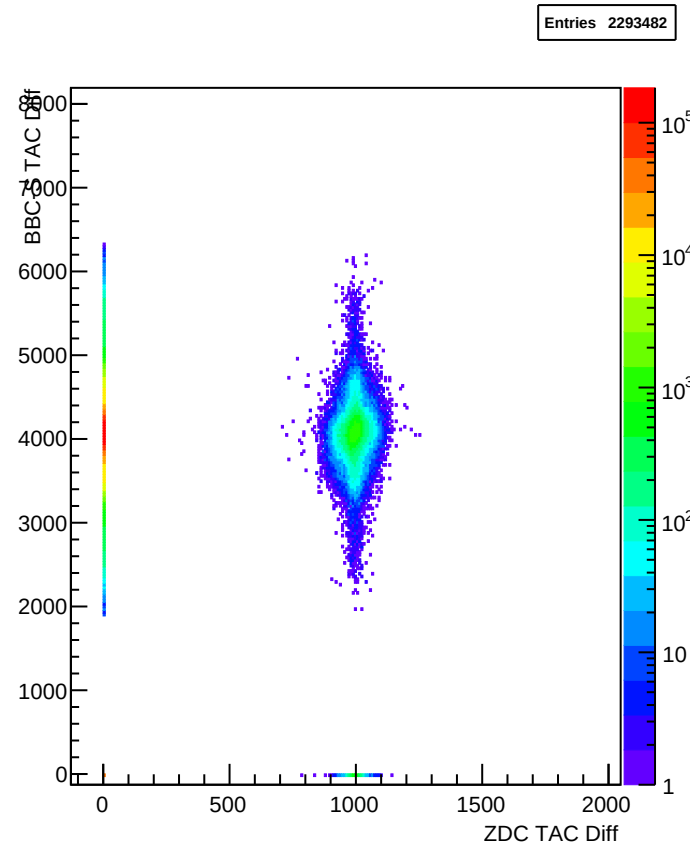

Entries 2293482
VPD-East ADC Sum
ZDC-East ADC Sum Att

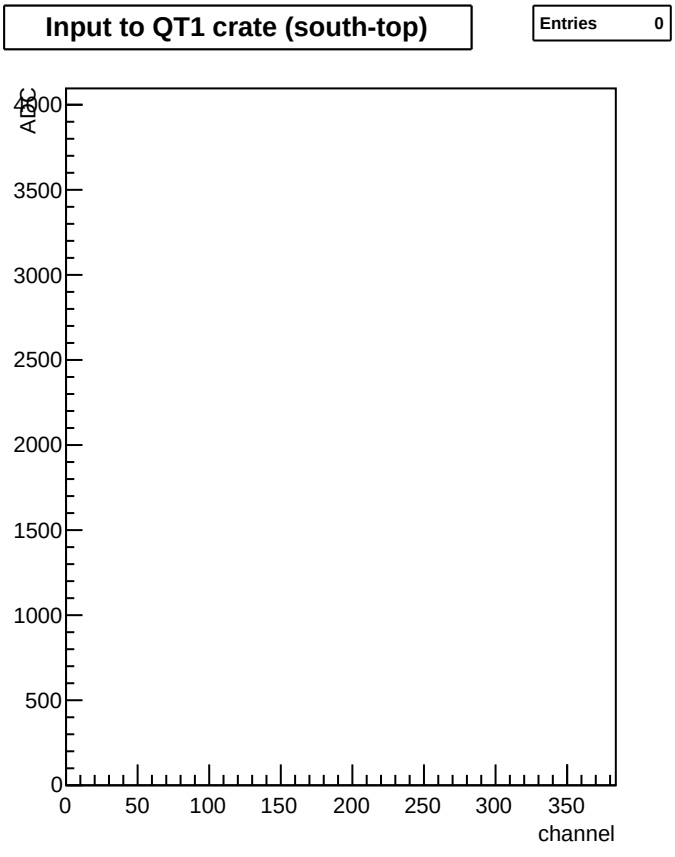

Entries 2293482
VPD-West ADC Sum
ZDC-West ADC Sum Att

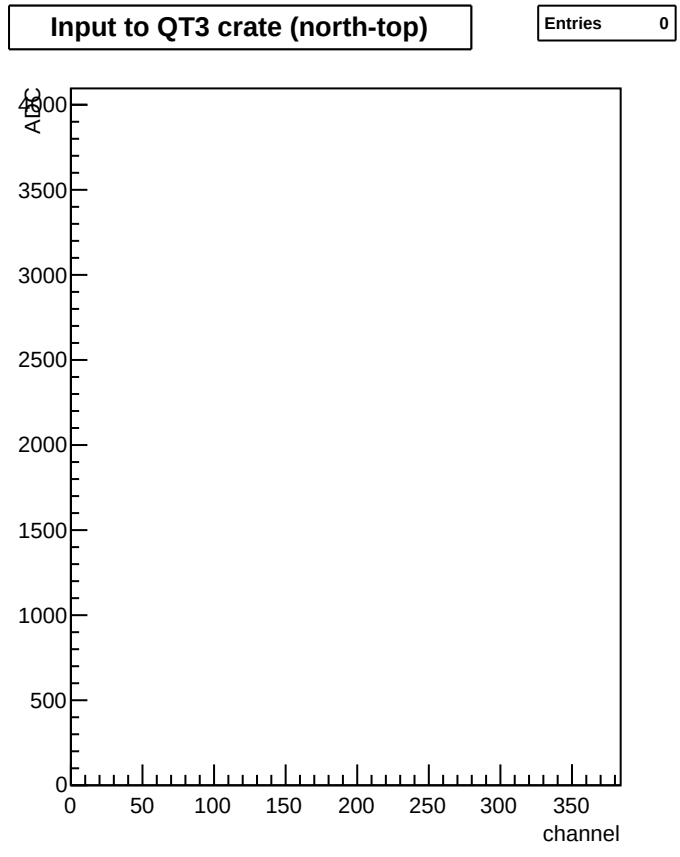

Entries 2293482
BBC-S-East ADC Sum
BBC-S-West ADC Sum

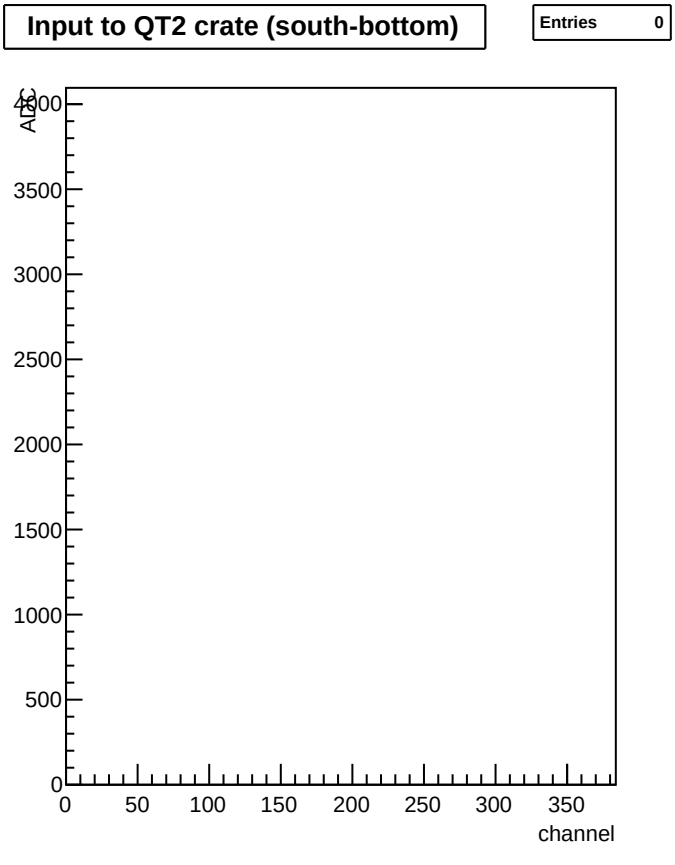

Entries 2293482
ZDC East ADC Sum Att
ZDC West ADC Sum Att

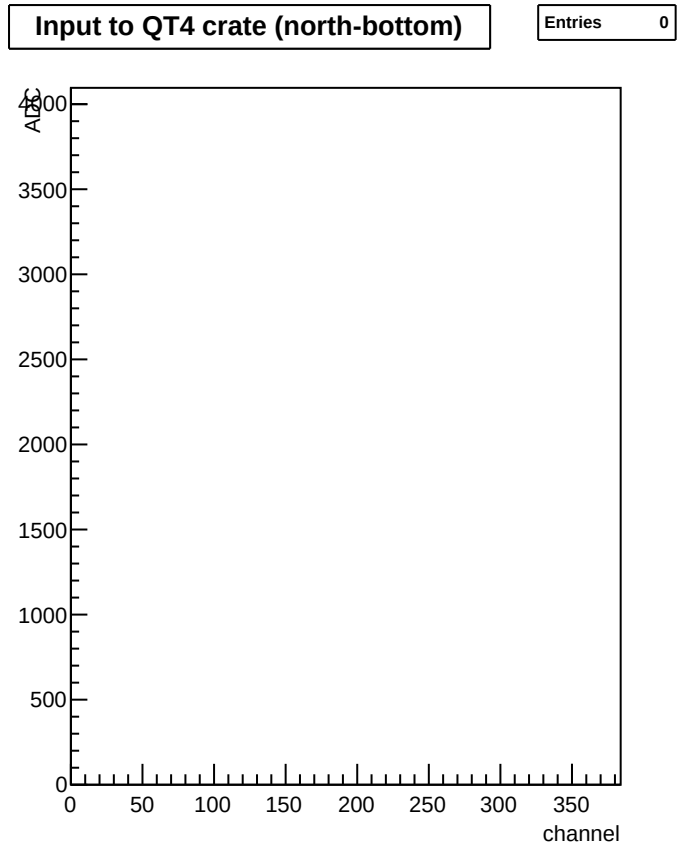

Entries 2293482
VPD East ADC Sum
VPD West ADC Sum

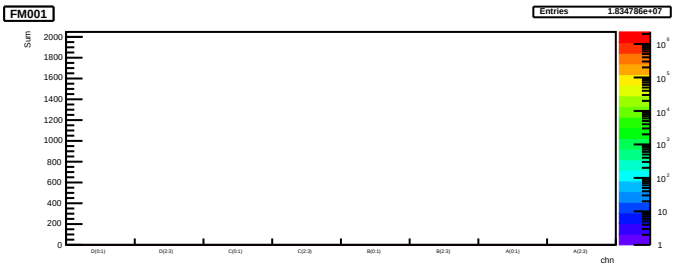

Entries 2293482
BBC-S TAC Diff
ZDC TAC Diff

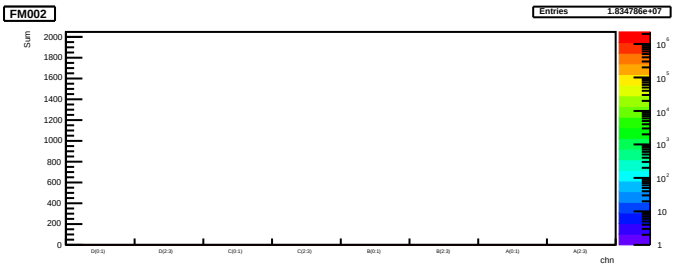

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

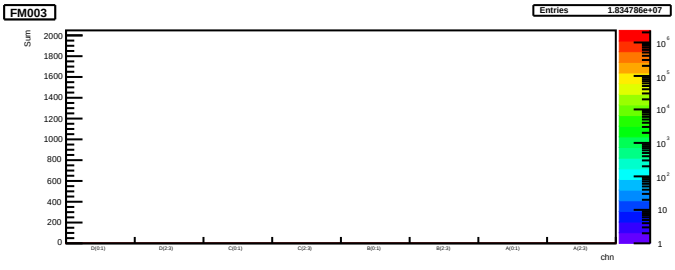

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

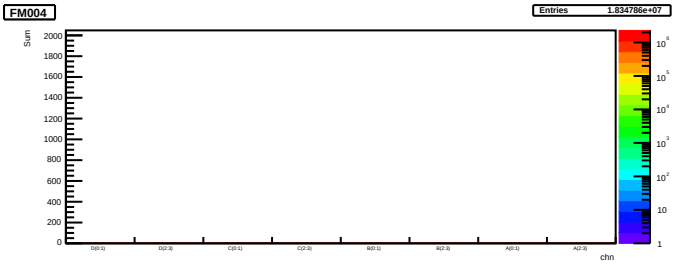

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

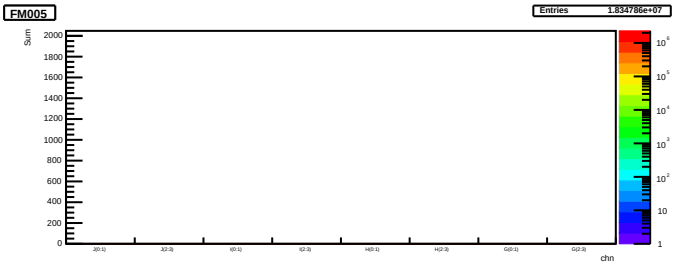

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

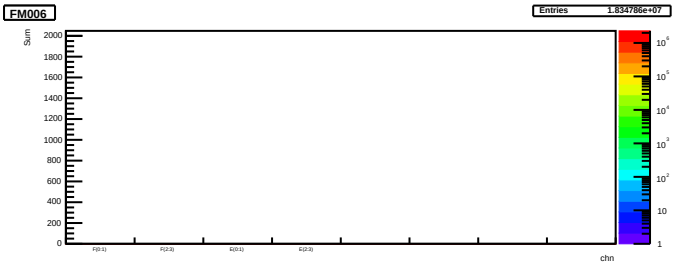

FM001
Entries 1.834786e+07
Sum
chn

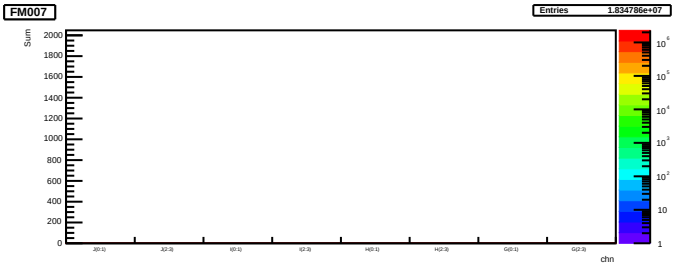

FM002
Entries 1.834786e+07
Sum
chn

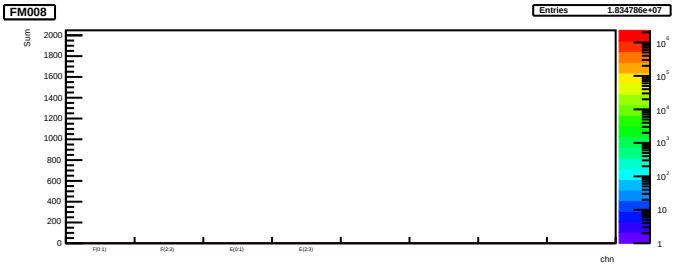

FM003
Entries 1.834786e+07
Sum
chn

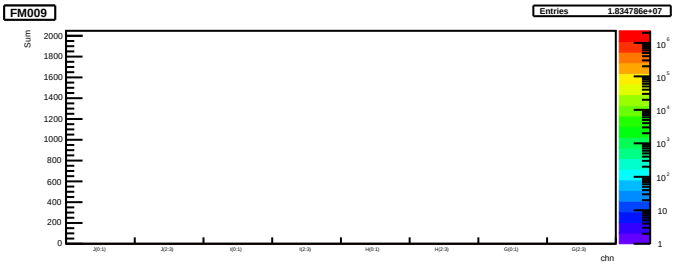

FM004
Entries 1.834786e+07
Sum
chn

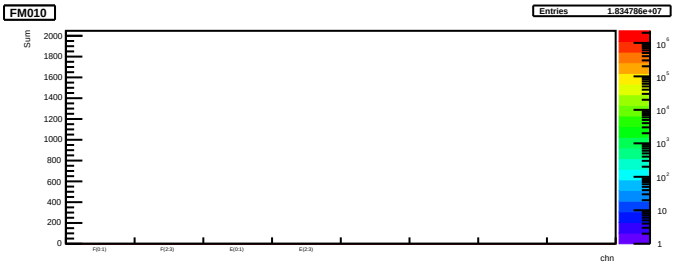

FM005
Entries 1.834786e+07
Sum
chn

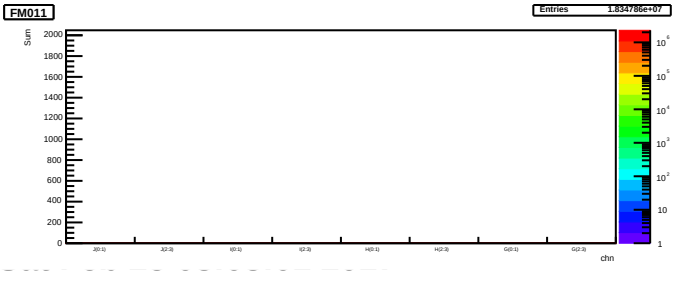

FM006
Entries 1.834786e+07
Sum
chn

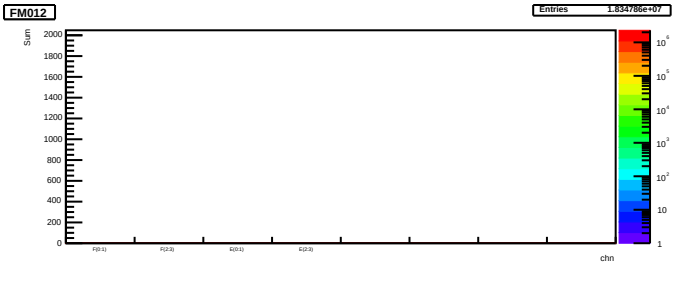

FM007
Entries 1.834786e+07
Sum
chn

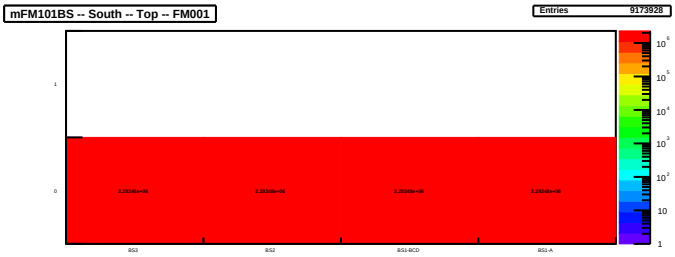

FM008
Entries 1.834786e+07
Sum
chn

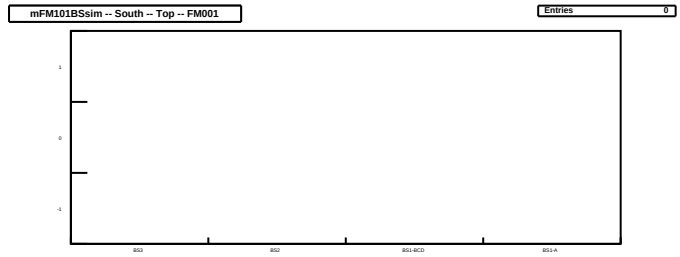

FM009
Entries 1.834786e+07
Sum
chn


FM010
Entries 1.834786e+07
Sum
chn


FM011
Entries 1.834786e+07
Sum
chn


FM012
Entries 1.834786e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 9173928
BS3
BS2
BS1-BCD
BS1-A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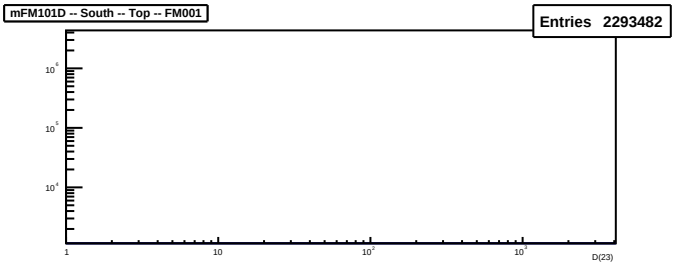
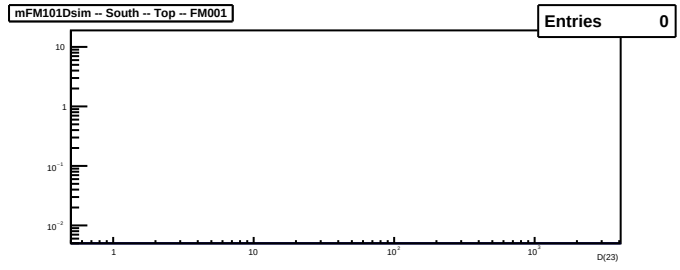
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 2293482
D(23)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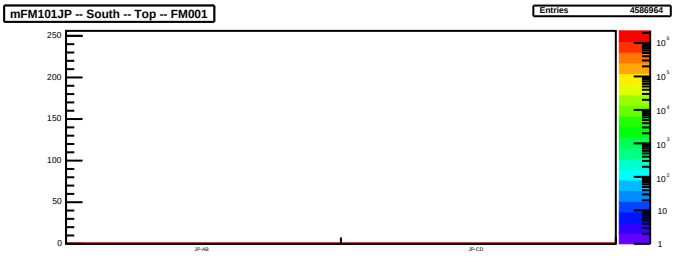
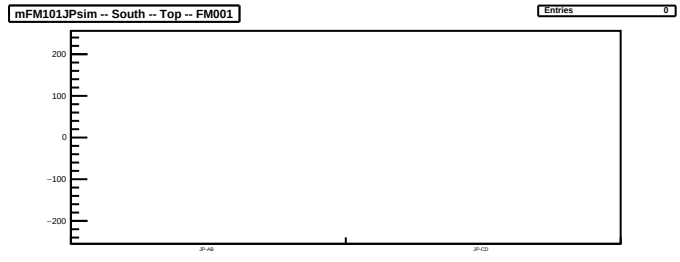
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4586964
JP-AB
JP-CD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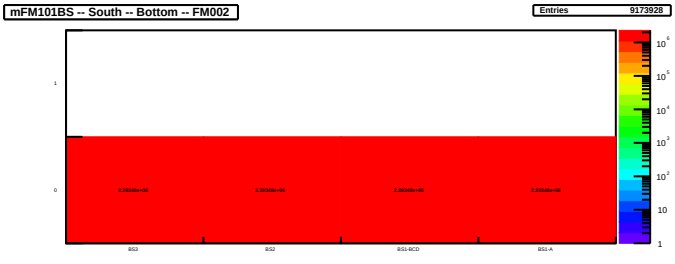
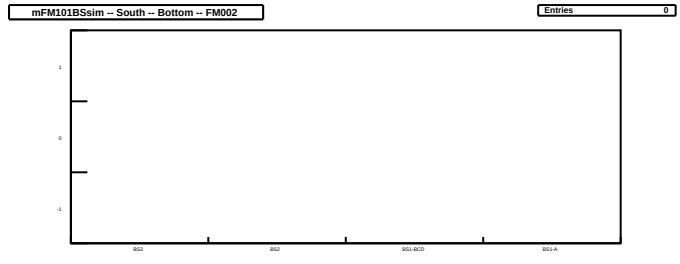
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 9173928
BS3
BS2
BS1-BCD
BS1-A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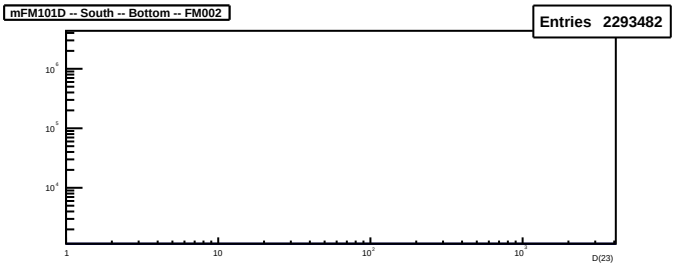
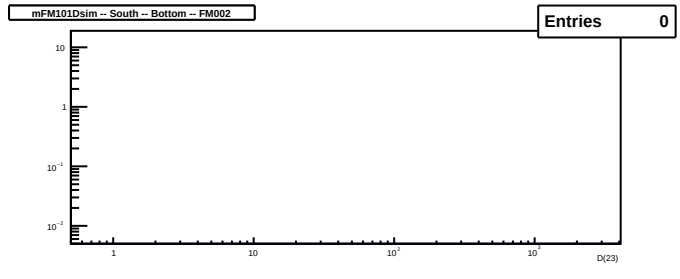
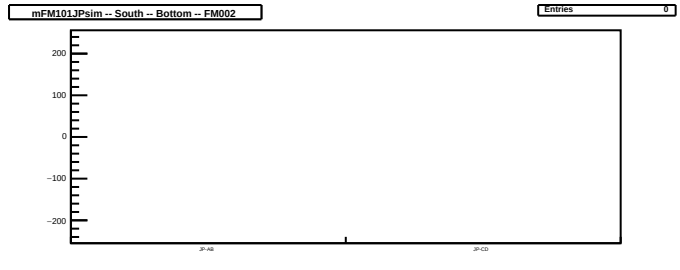
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 2293482
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 4586964
JP-AB
JP-CD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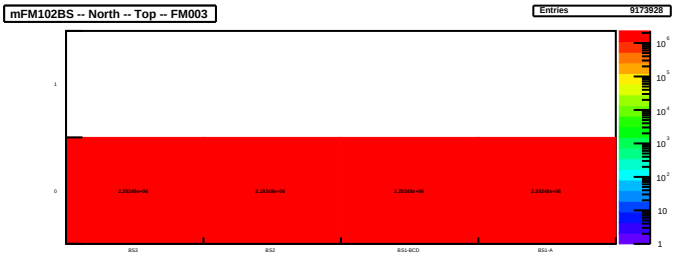
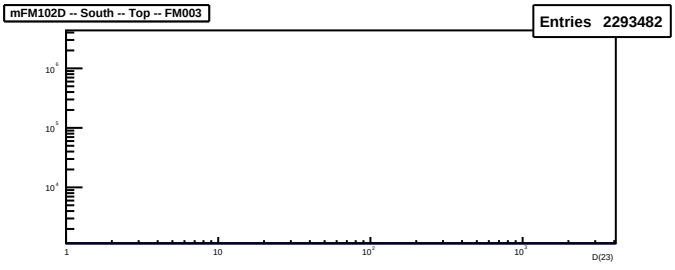
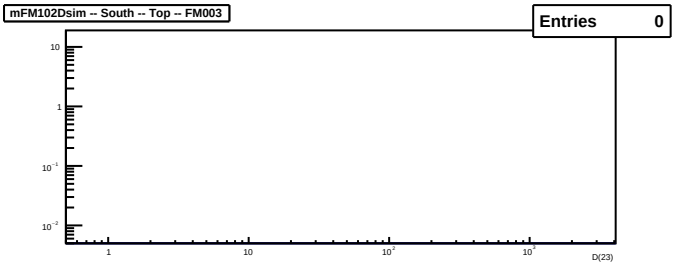
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 9173928
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 2293482
D(23)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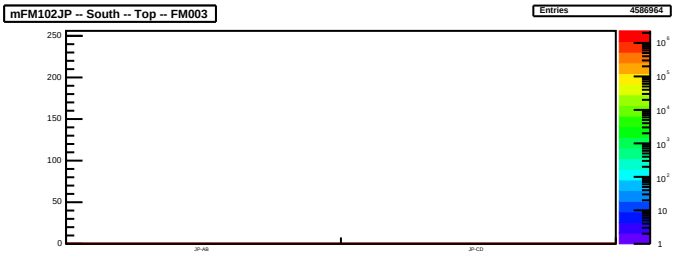
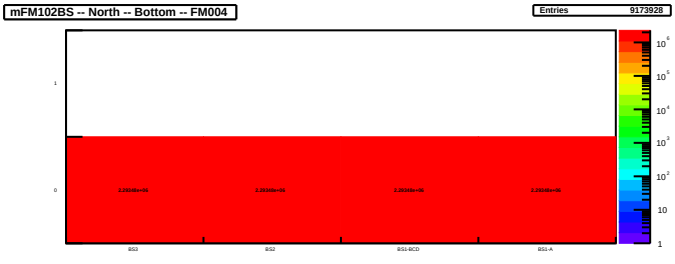
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4586964
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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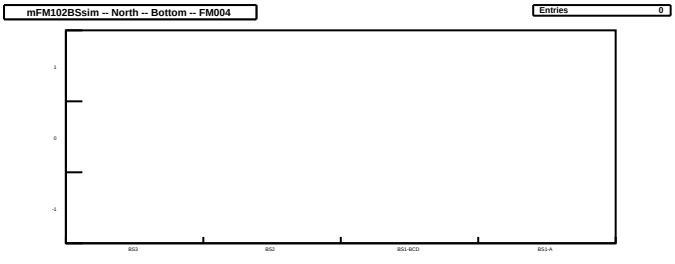
Entries 9173928
BS3
BS2
BS1-BCD
BS1-A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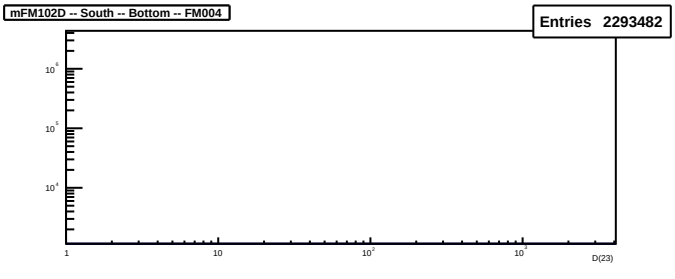
Entries 0
BS3
BS2
BS1-BCD
BS1-A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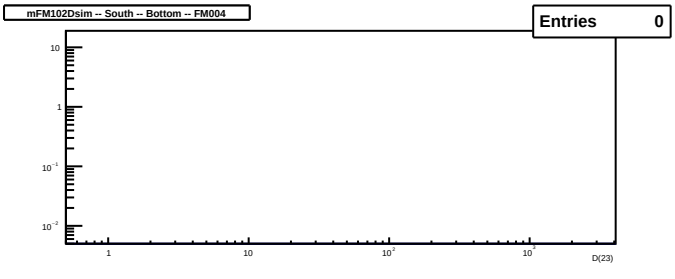
Entries 2293482
D(23)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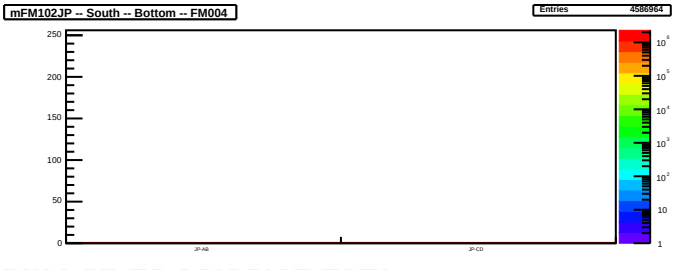
Entries 0
D(23)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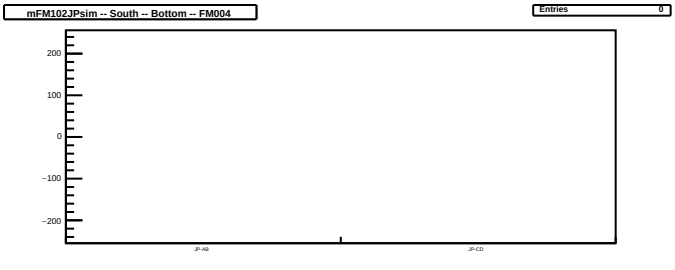
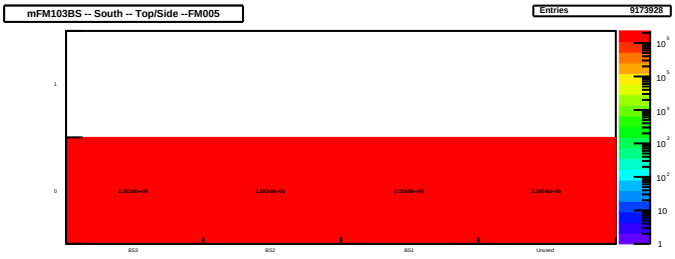
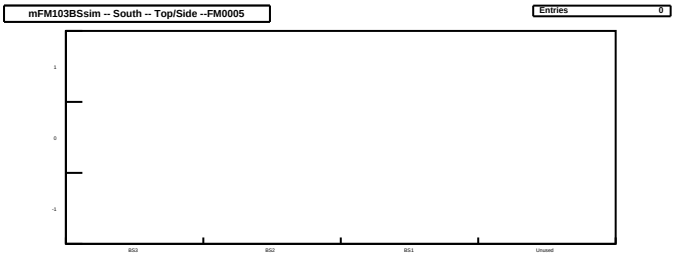
Entries 4586964
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 9173928
BS3
BS2
BS1
Unused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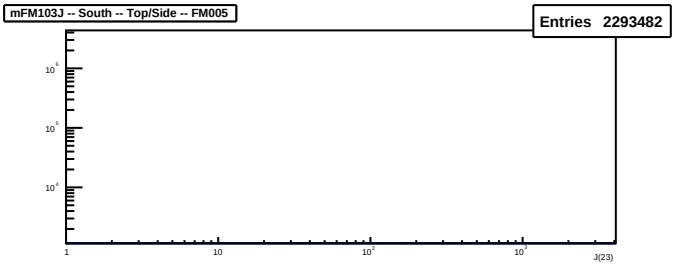
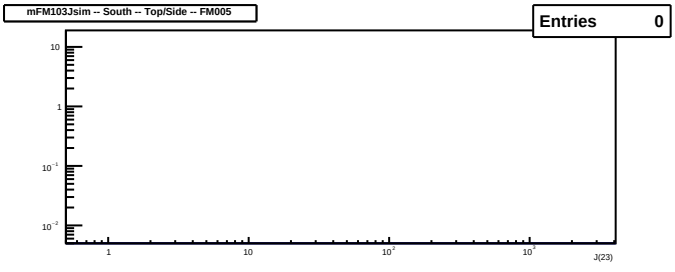
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 2293482
J(23)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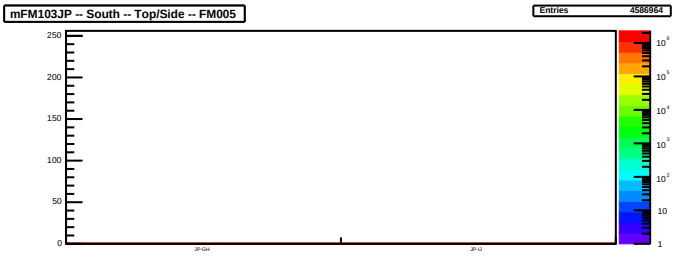
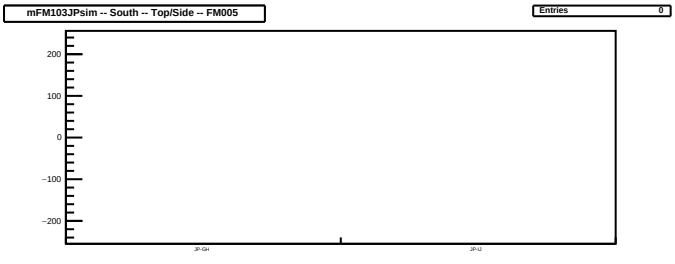
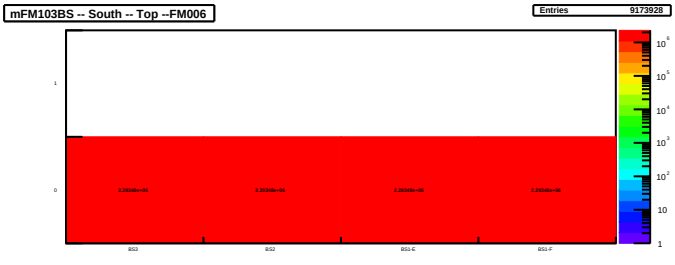
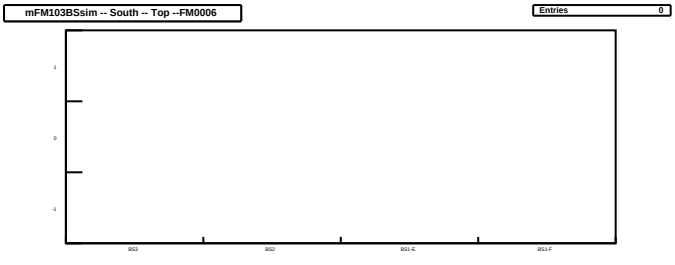
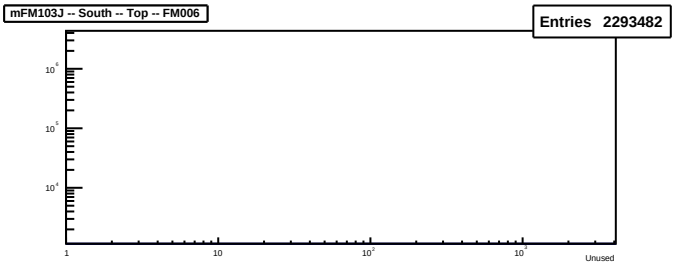
Entries 0
J(23)

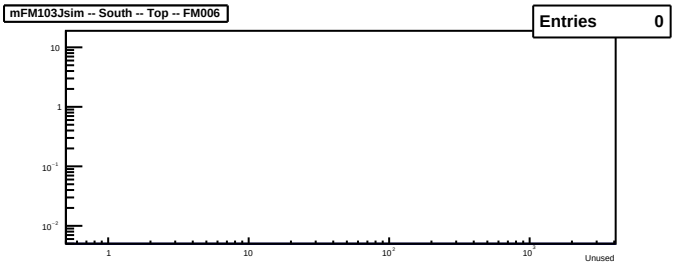

mFM103JP -- South -- Top/Side -- FM005
Entries 4586964
JP-GH
JP-U


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

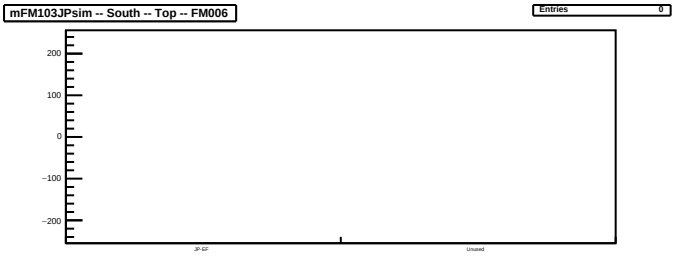

mFM103BS -- South -- Top --FM006
Entries 9173928
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 2293482
Unused


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

mFM103JP -- South -- Top -- FM006
Entries 4586964
JP-EF
Unused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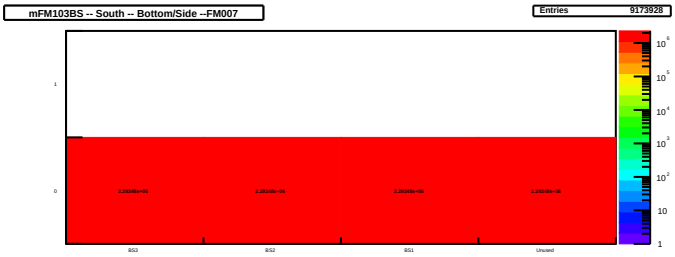
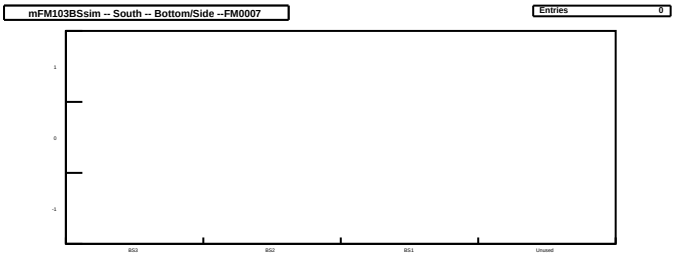
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 9173928
BS3
BS2
BS1
Unused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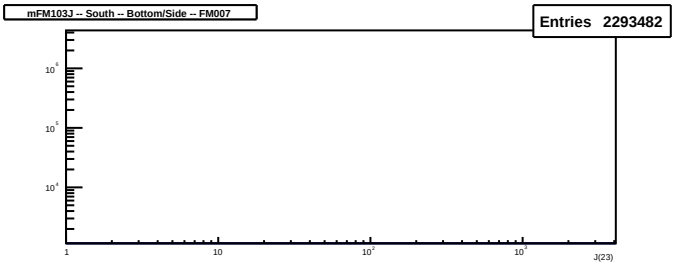
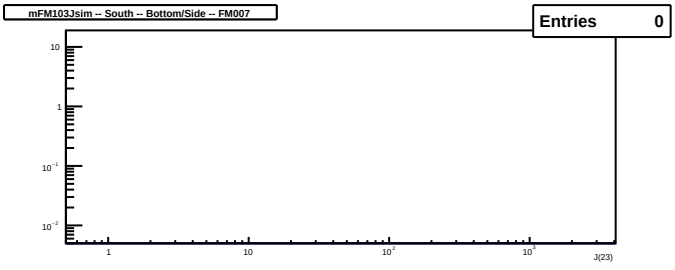
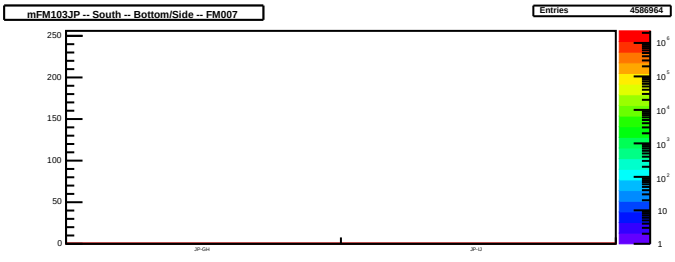
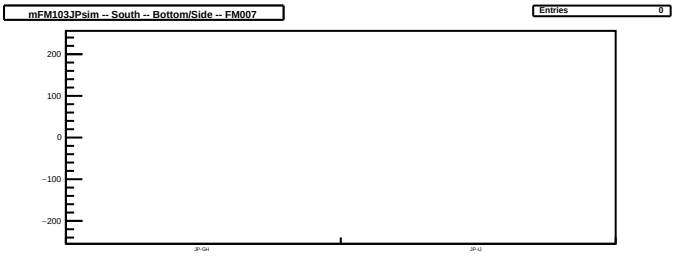
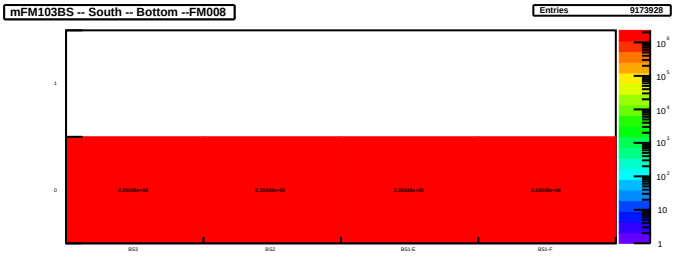
Entries 0
BS3
BS2
BS1
Unused

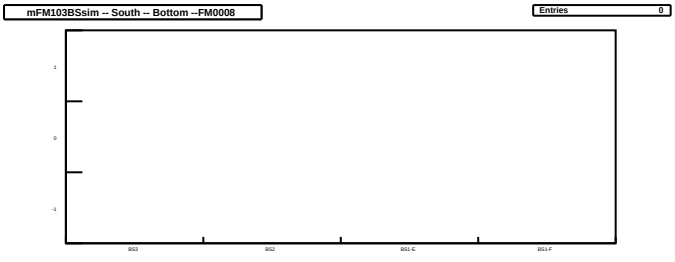

mFM103J -- South -- Bottom/Side -- FM007
Entries 2293482
J(23)

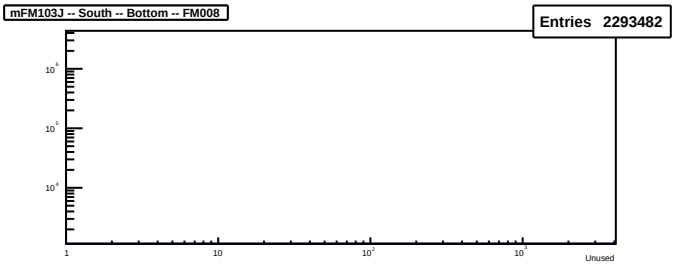

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

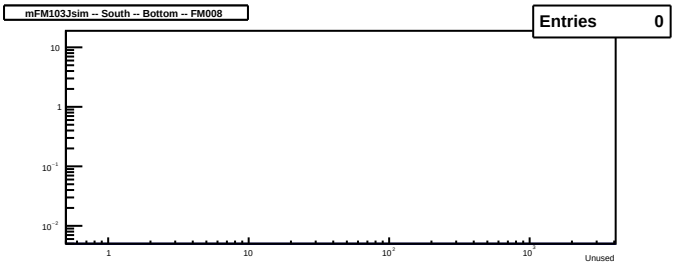

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4586964
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 9173928
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Bottom -- FM008
Entries 2293482
Unused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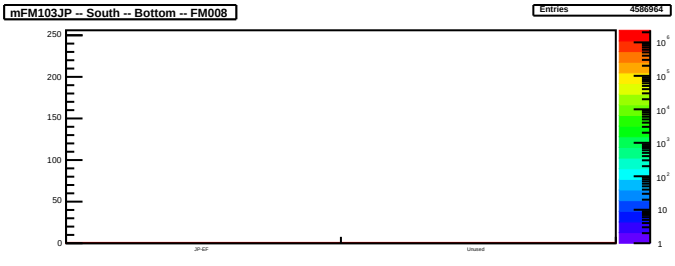
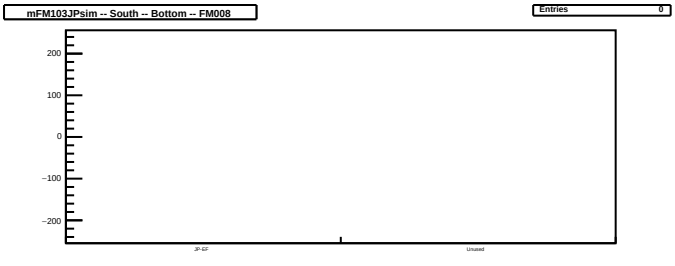
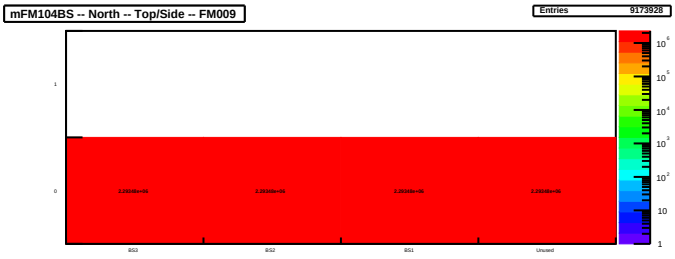
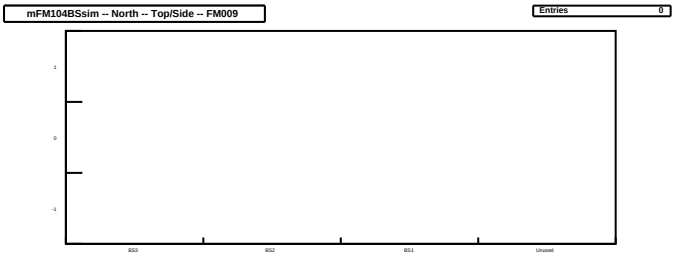
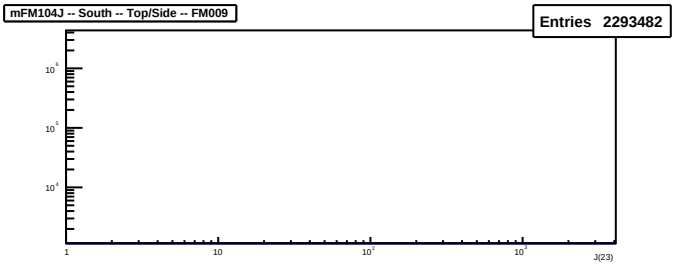
Entries 0
Unused

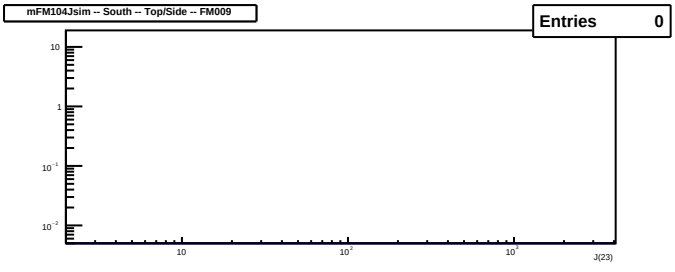

mFM103JP -- South -- Bottom -- FM008
Entries 4586964
JP-EF
Unused

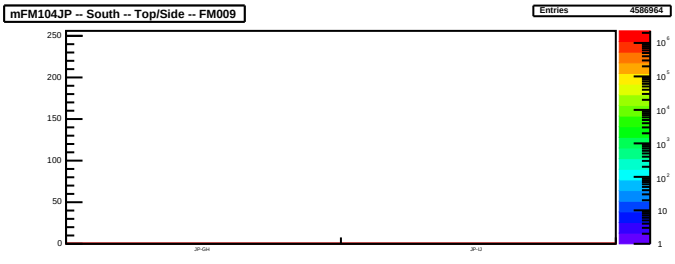

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

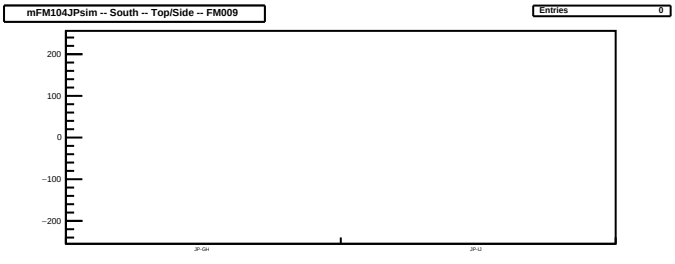

mFM104BS -- North -- Top/Side -- FM009
Entries 9173928
BS3
BS2
BS1
Unused

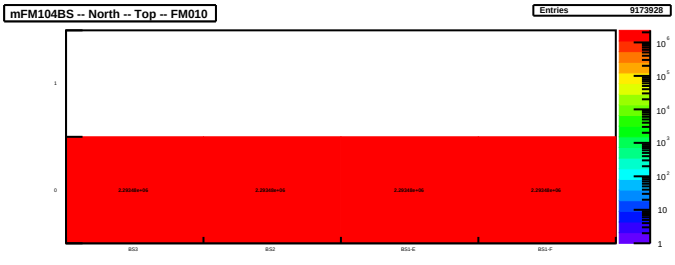

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

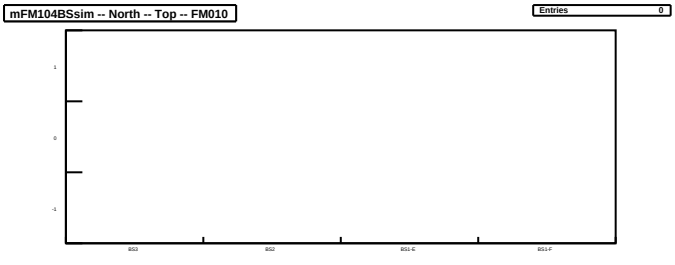

mFM104J -- South -- Top/Side -- FM009
Entries 2293482
J(23)

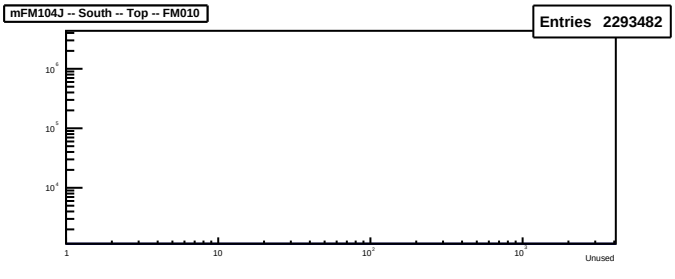

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

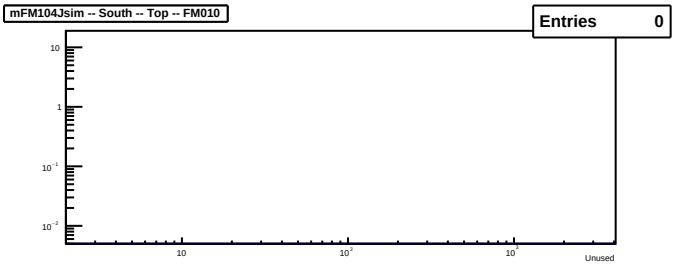

mFM104JP -- South -- Top/Side -- FM009
Entries 4586964
JP-GH
JP-IJ


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

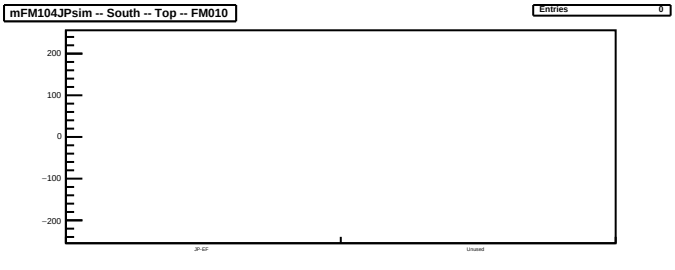

mFM104BS -- North -- Top -- FM010
Entries 9173928
BS3
BS2
BS1-E
BS1-F

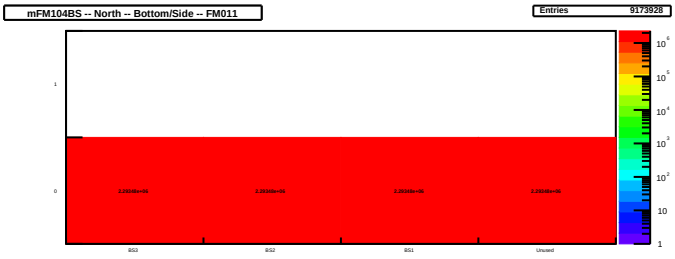

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

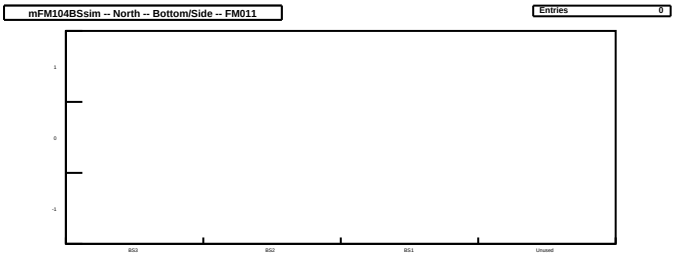

mFM104J -- South -- Top -- FM010
Entries 2293482
Unused

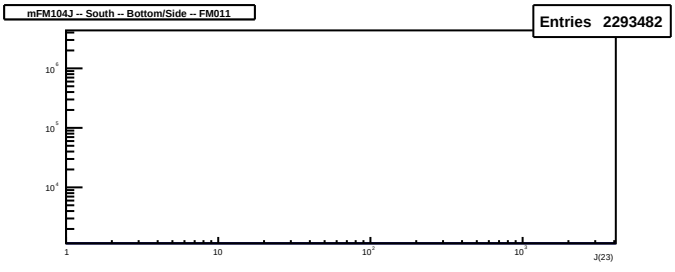

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

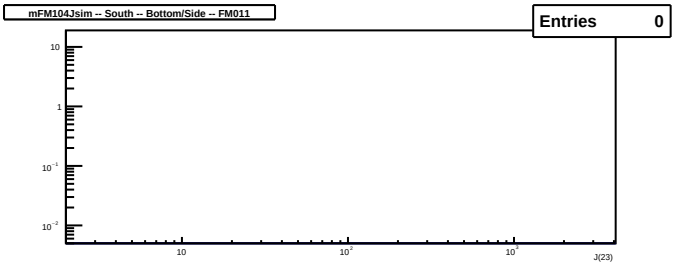
mFM104JP -- South -- Top -- FM010
Entries 4586964
JP-EF
Unused

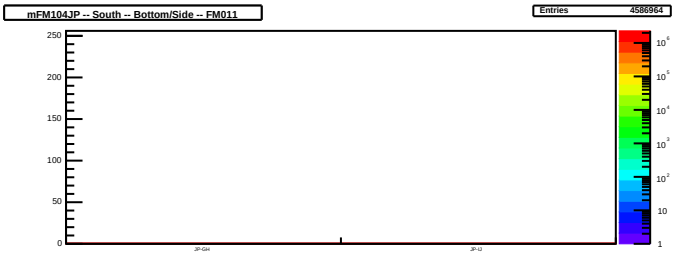

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

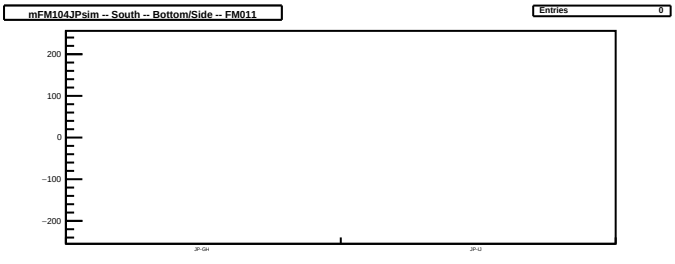

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9173928
BS3
BS2
BS1
Unused

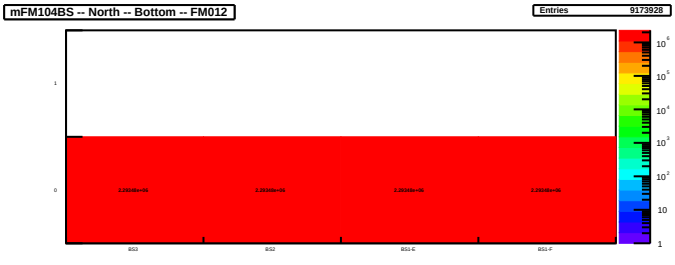

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

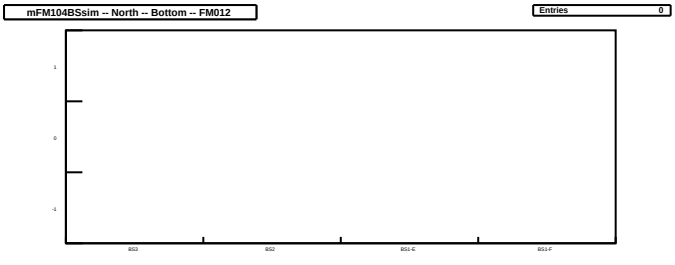

mFM104J -- South -- Bottom/Side -- FM011
Entries 2293482
J(23)

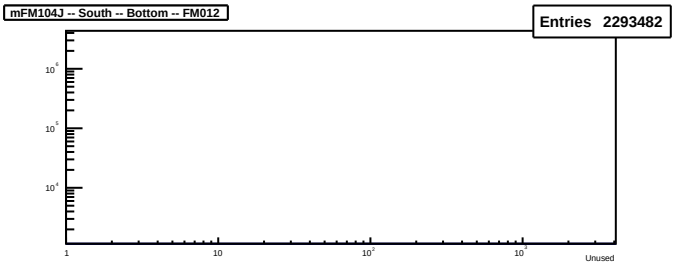

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

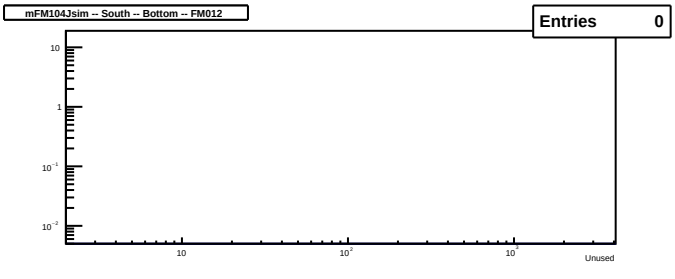

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4586964
JP-GH
JP-IJ


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

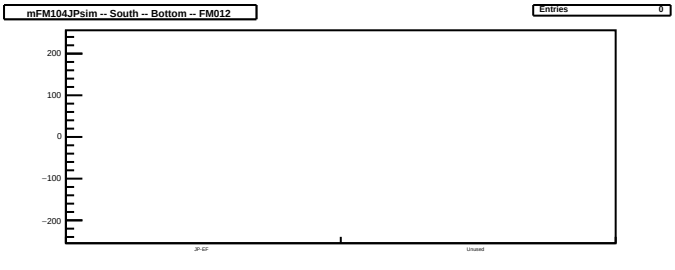

mFM104BS -- North -- Bottom -- FM012
Entries 9173928
BS3
BS2
BS1-E
BS1-F

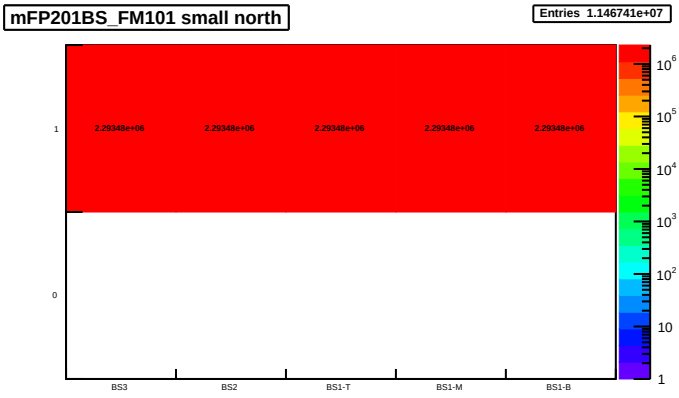

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

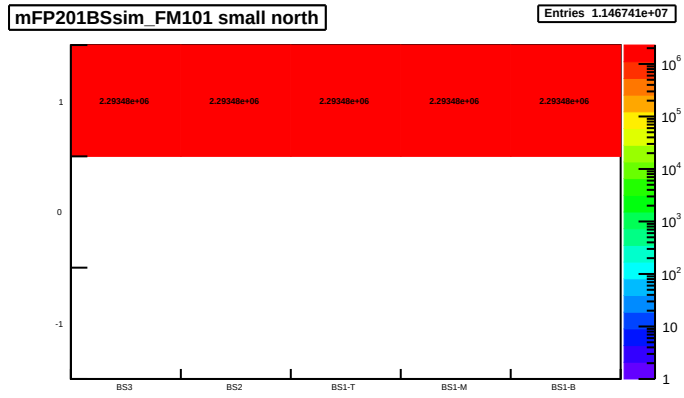

mFM104J -- South -- Bottom -- FM012
Entries 2293482
Unused

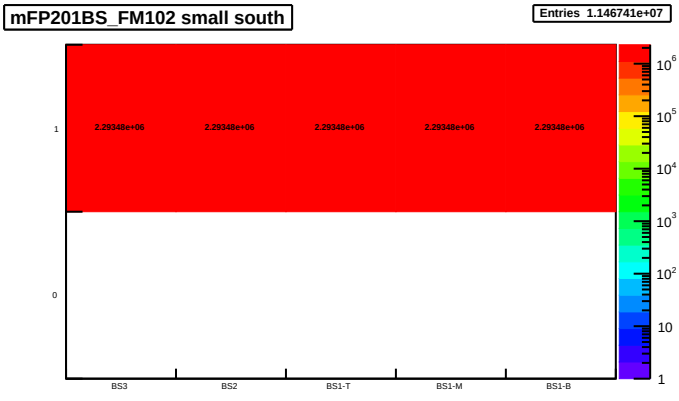

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

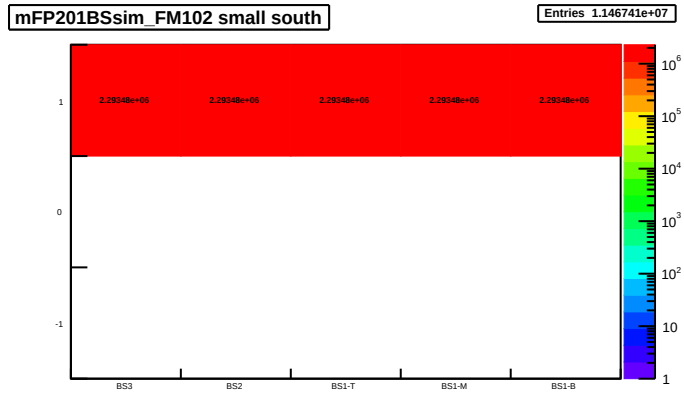
mFM104JP -- South -- Bottom -- FM012
Entries 4586964
JP-EF
Unused

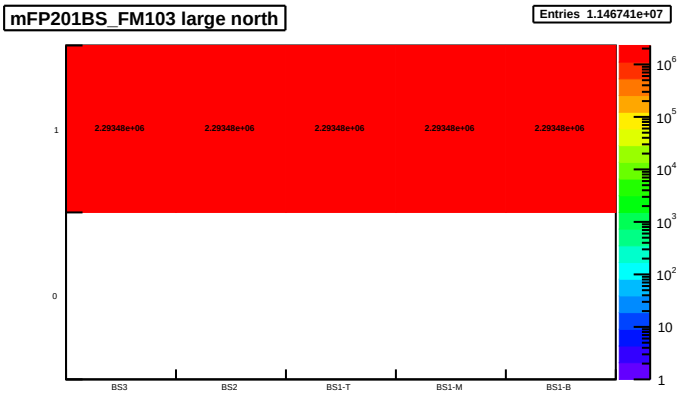

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

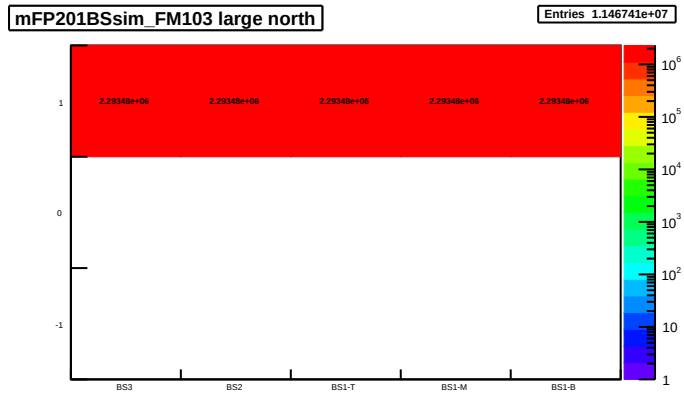

mFP201BS_FM101 small north
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

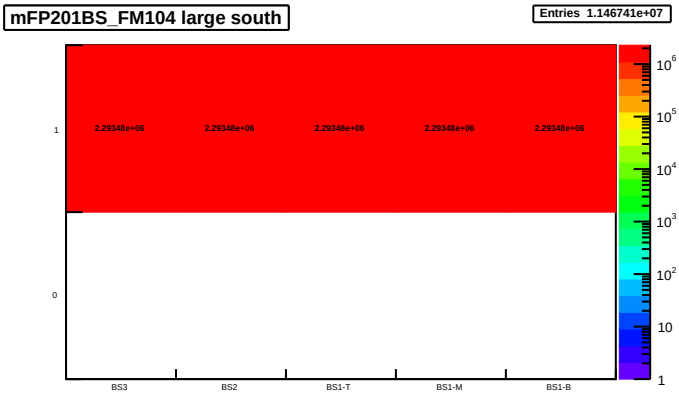

mFP201BSsim_FM101 small north
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

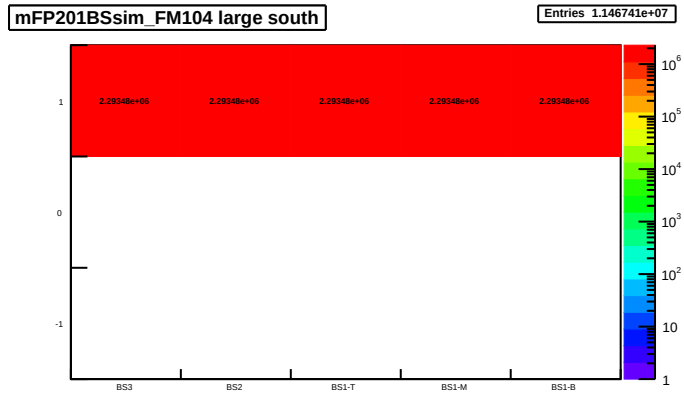

mFP201BS_FM102 small south
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

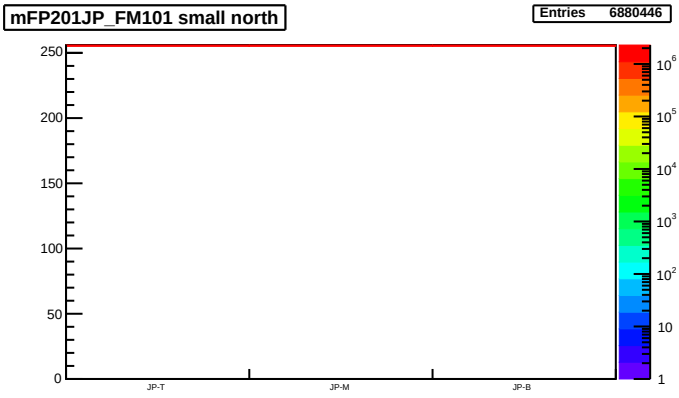

mFP201BSsim_FM102 small south
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

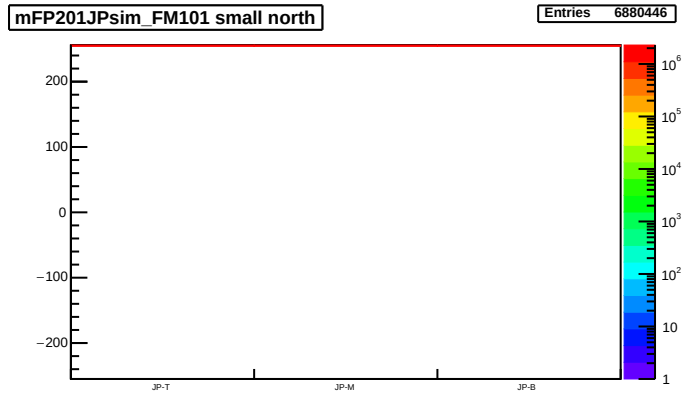

mFP201BS_FM103 large north
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

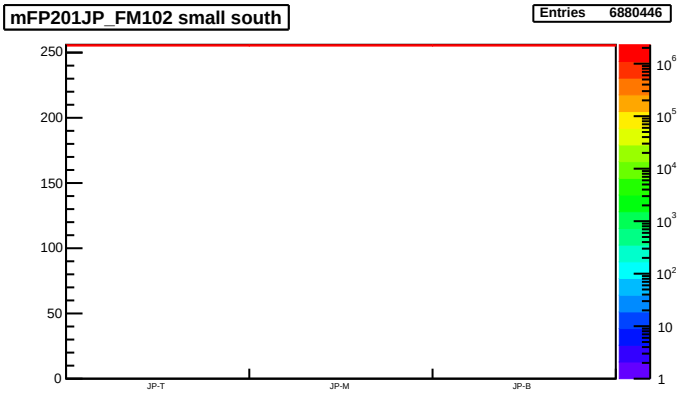

mFP201BSsim_FM103 large north
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

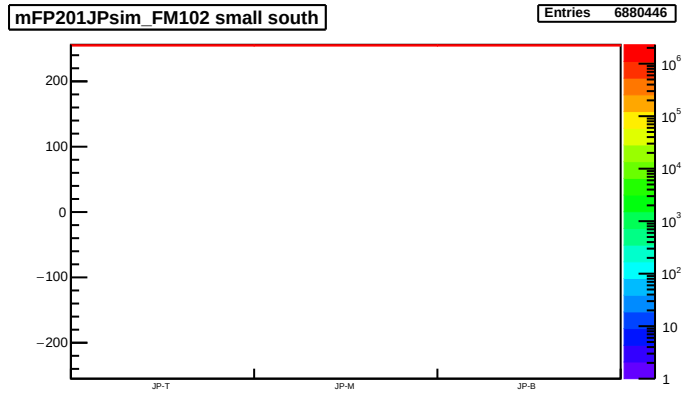

mFP201BS_FM104 large south
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

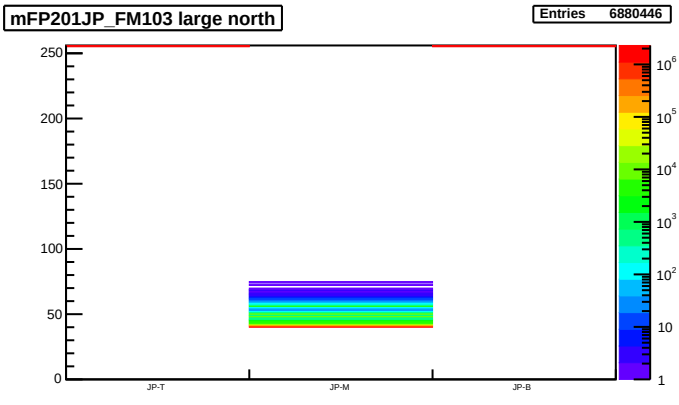

mFP201BSsim_FM104 large south
Entries 1.146741e+07
2.29348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

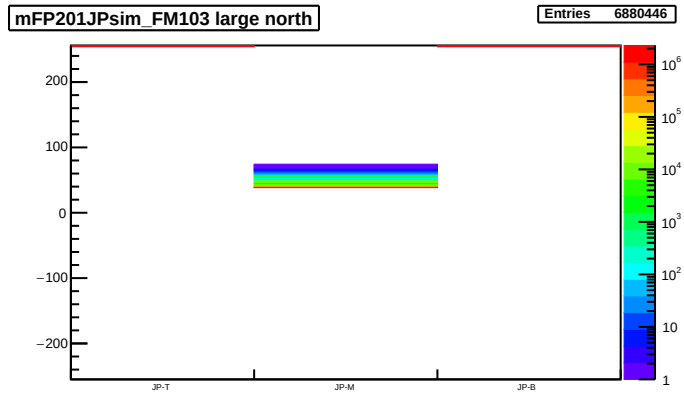

mFP201JP_FM101 small north
Entries 6880446
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

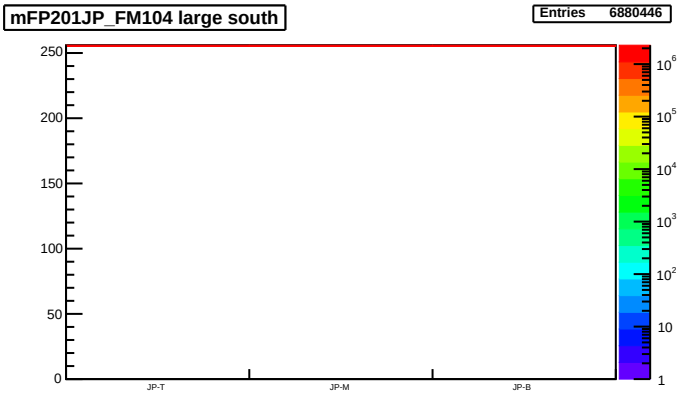

mFP201JPsim_FM101 small north
Entries 6880446
200
100
0
−100
−200
JP-T
JP-M
JP-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


mFP201JP_FM102 small south
Entries 6880446
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


mFP201JPsim_FM102 small south
Entries 6880446
200
100
0
−100
−200
JP-T
JP-M
JP-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


mFP201JP_FM103 large north
Entries 6880446
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


mFP201JPsim_FM103 large north
Entries 6880446
200
100
0
−100
−200
JP-T
JP-M
JP-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


mFP201JP_FM104 large south
Entries 6880446
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200
150
100
50
0
JP-T
JP-M
JP-B
$10^6$
$10^5$
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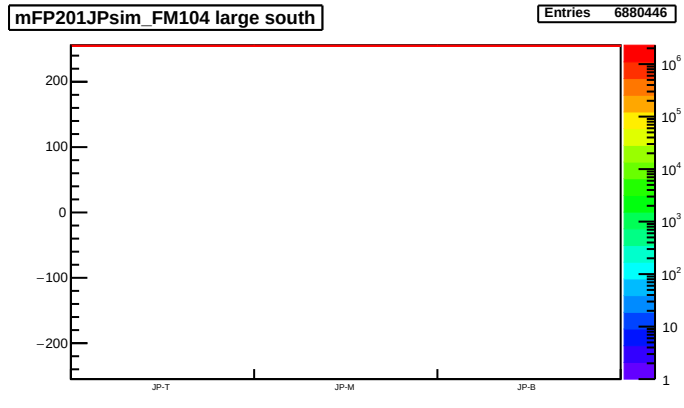
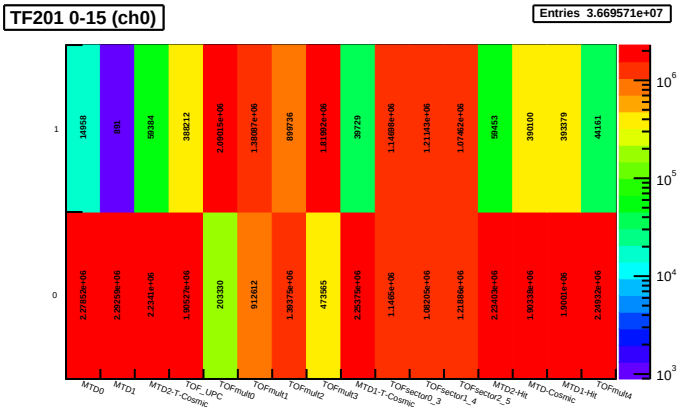
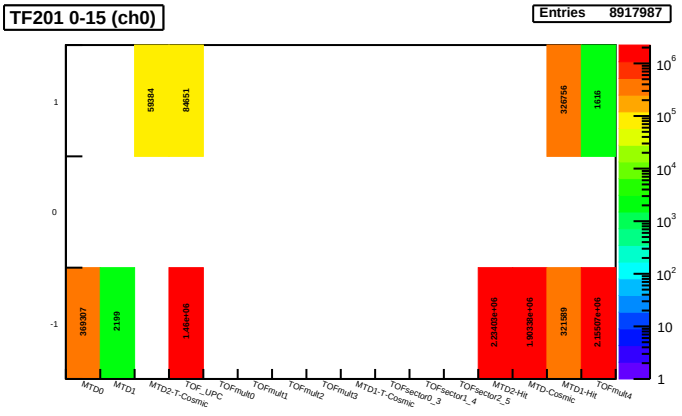
$10^3$
$10^2$
10
1


mFP201JPsim_FM104 large south
Entries 6880446
200
100
0
−100
−200
JP-T
JP-M
JP-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


TF201 0-15 (ch0)
Entries 3.669571e+07
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 8917987
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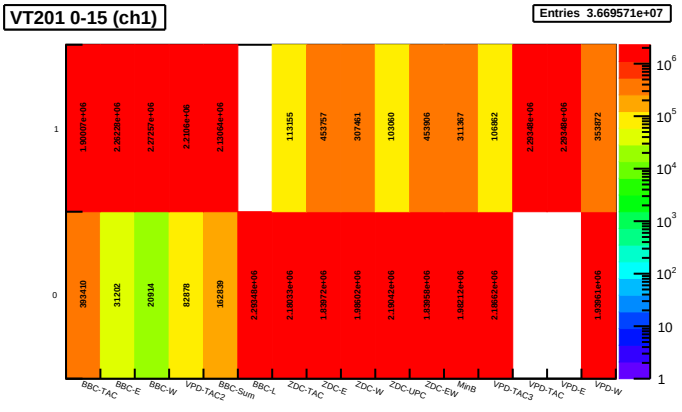
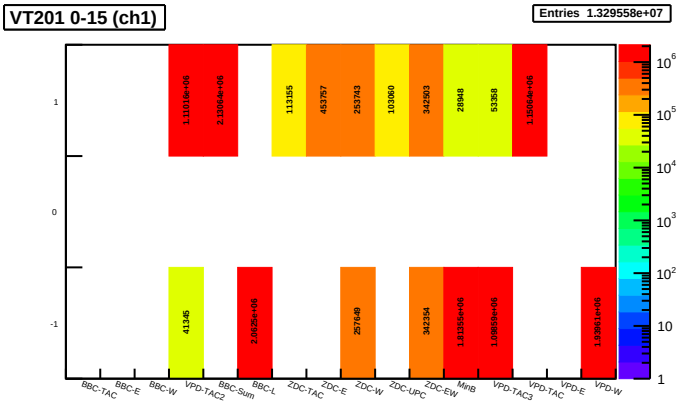
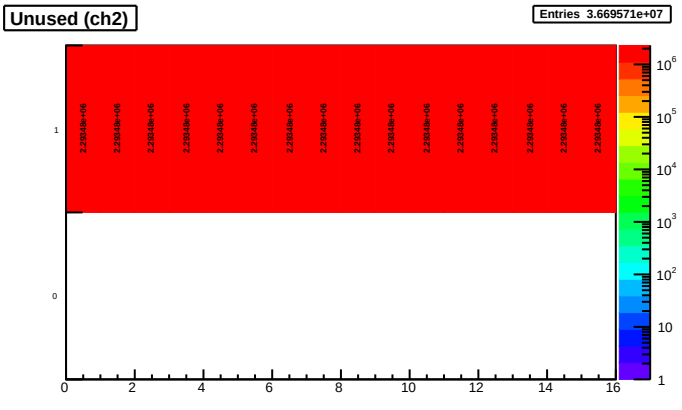
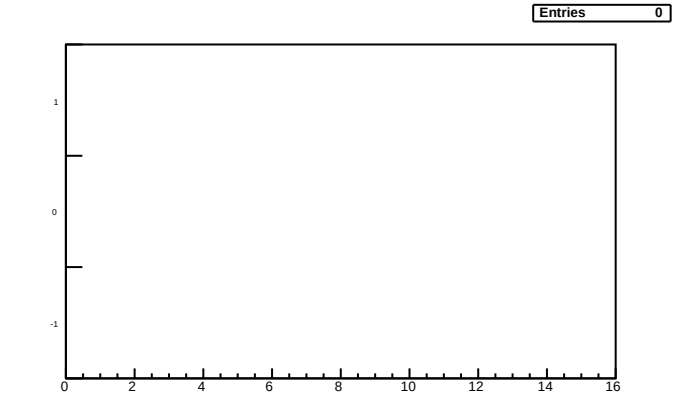
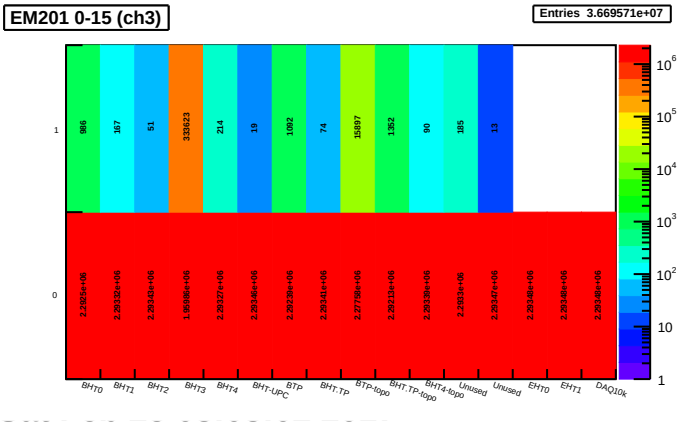
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

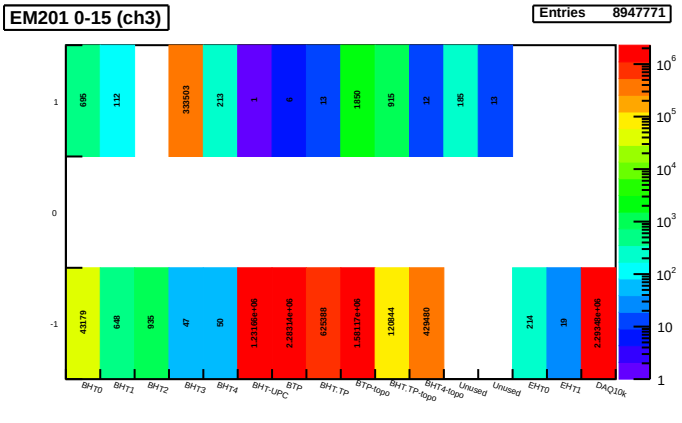

VT201 0-15 (ch1)
Entries 3.669571e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

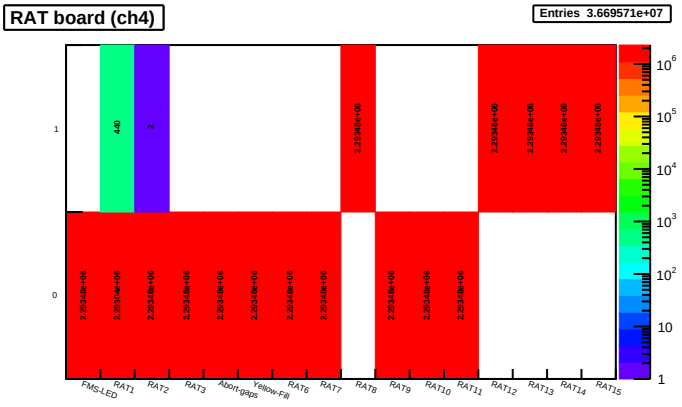

VT201 0-15 (ch1)
Entries 1.329558e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

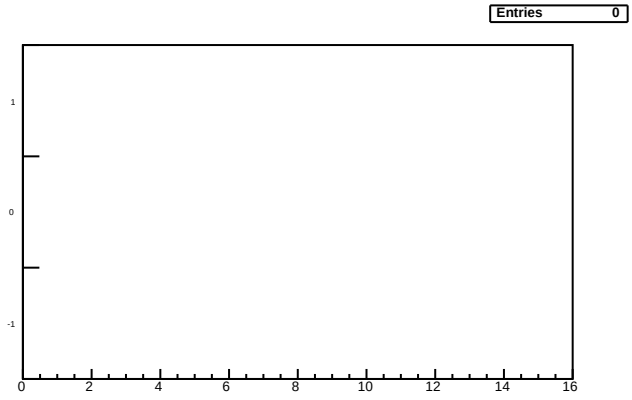

Unused (ch2)
Entries 3.669571e+07

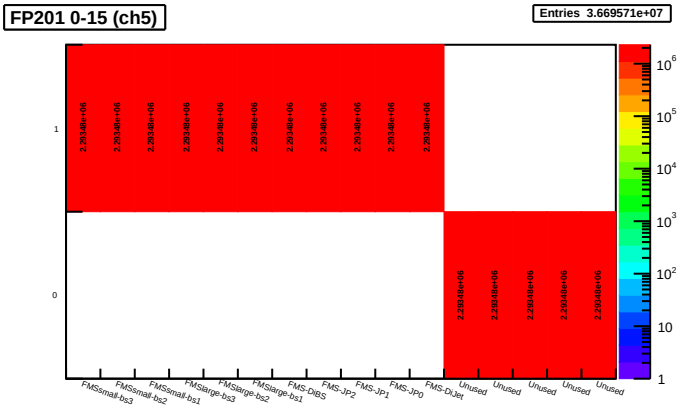

Entries 0

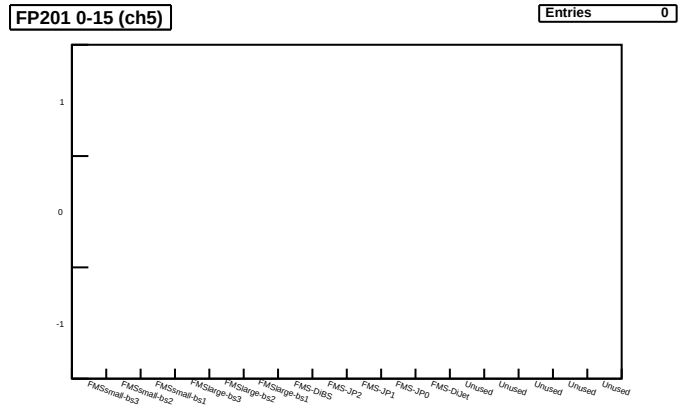

EM201 0-15 (ch3)
Entries 3.669571e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

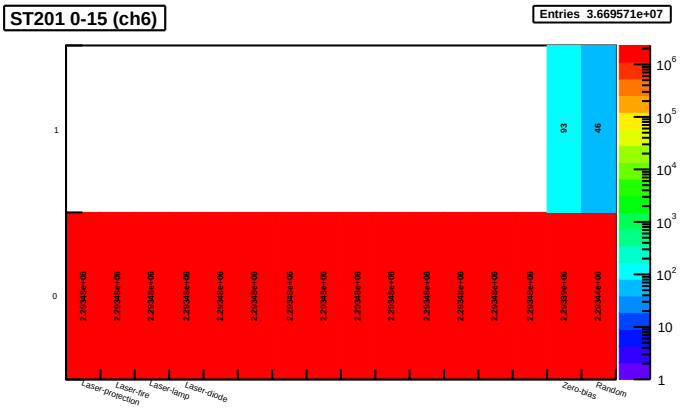

EM201 0-15 (ch3)
Entries 8947771
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

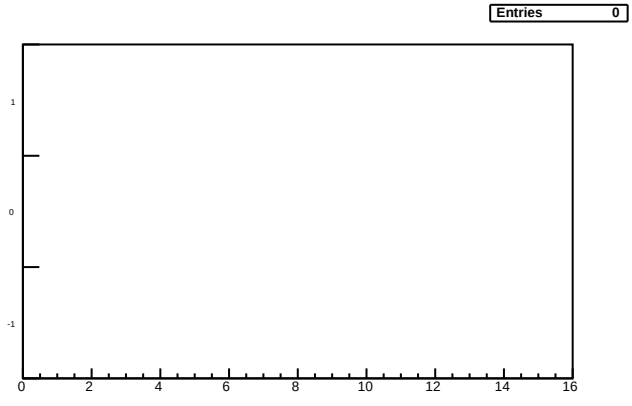

RAT board (ch4)
Entries 3.669571e+07
440
2
2.29348e+06
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

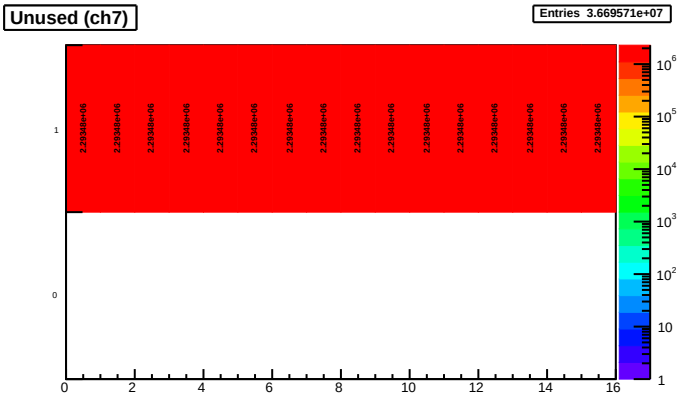

Entries 0

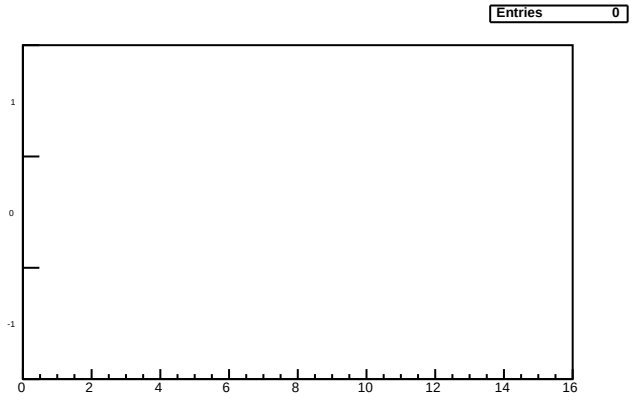

FP201 0-15 (ch5)
Entries 3.669571e+07
2.29348e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


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


ST201 0-15 (ch6)
Entries 3.669571e+07
93
46
2.29348e+06
2.29339e+06
2.29344e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3.669571e+07
2.29348e+06


Entries 0