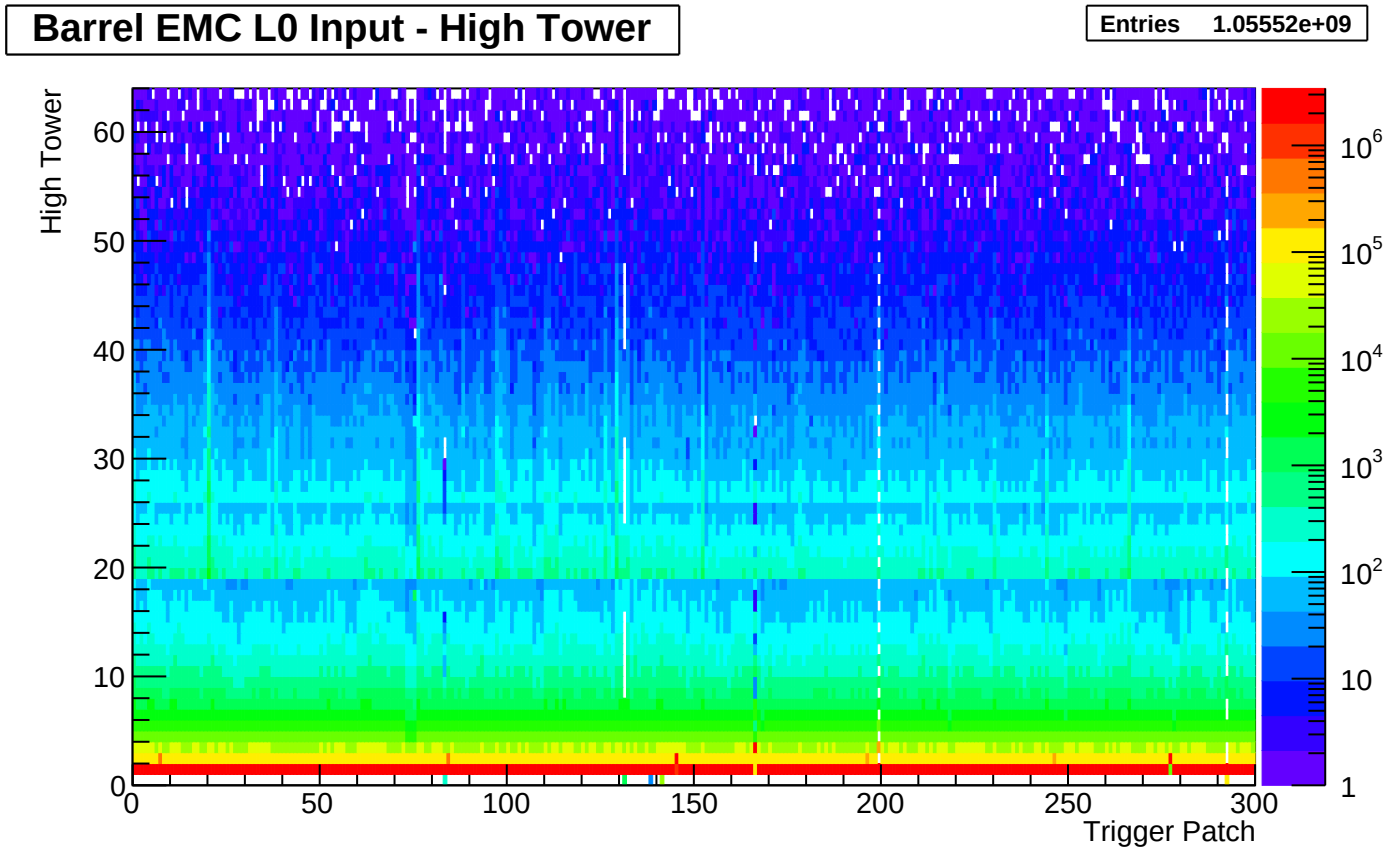
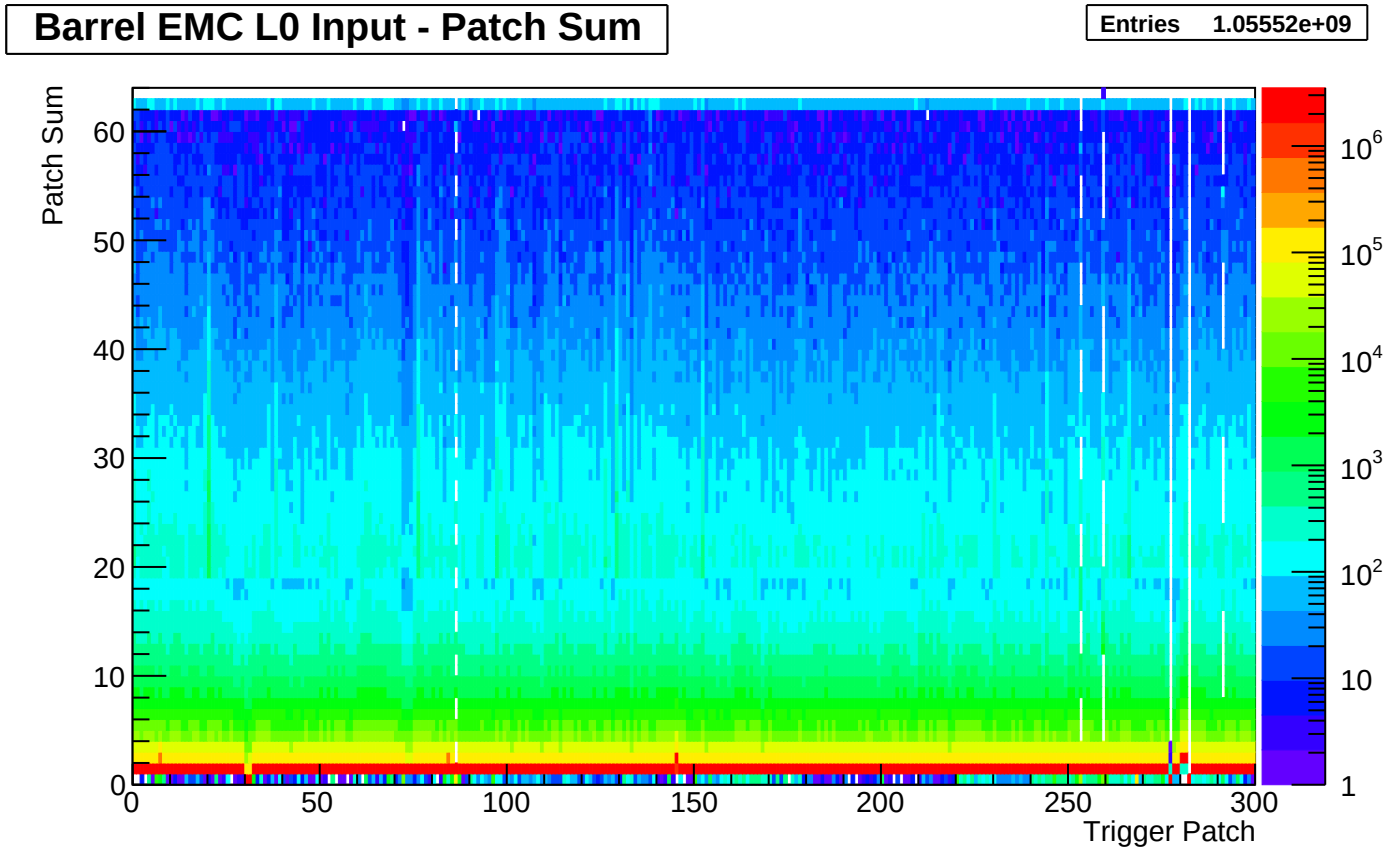
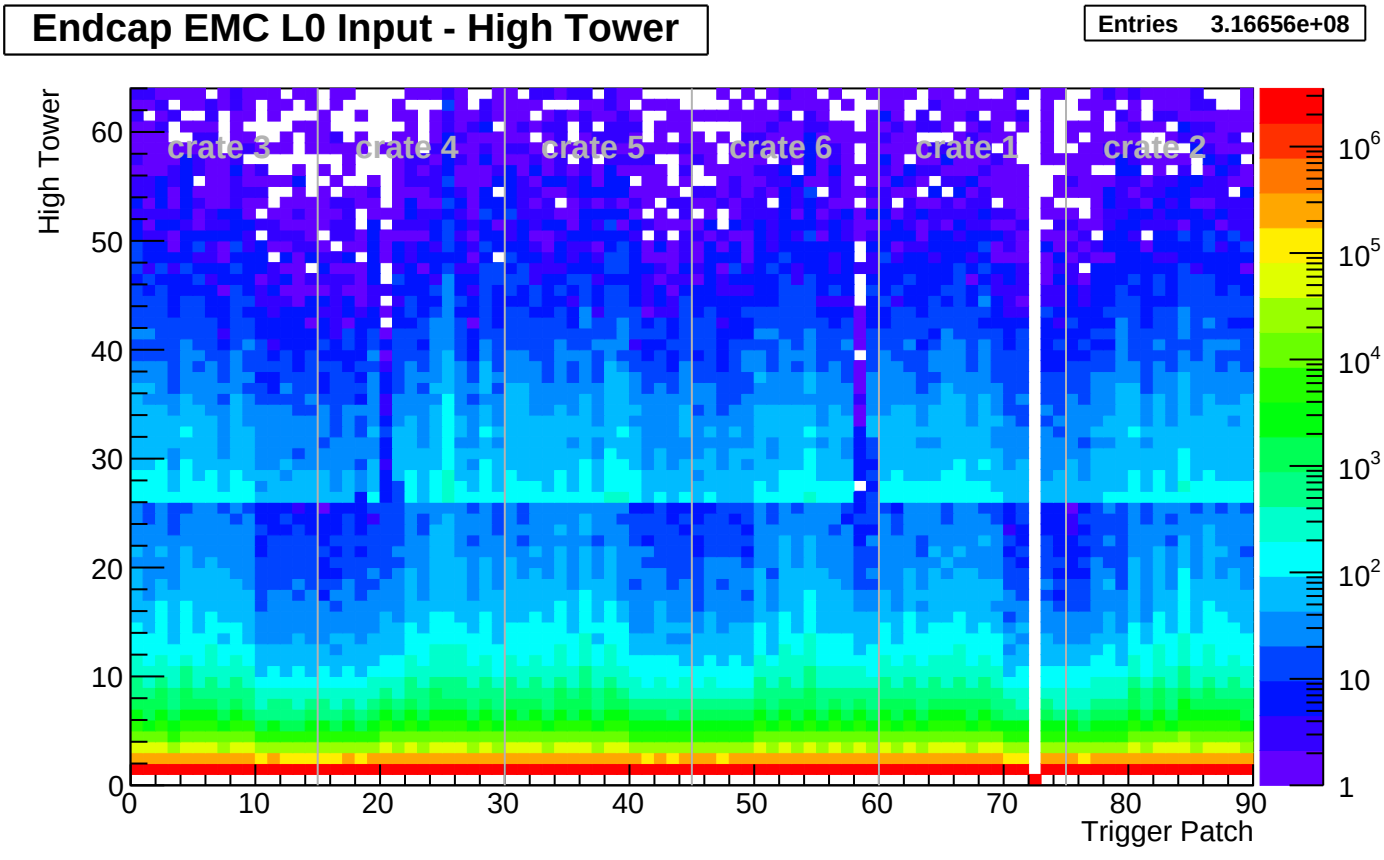
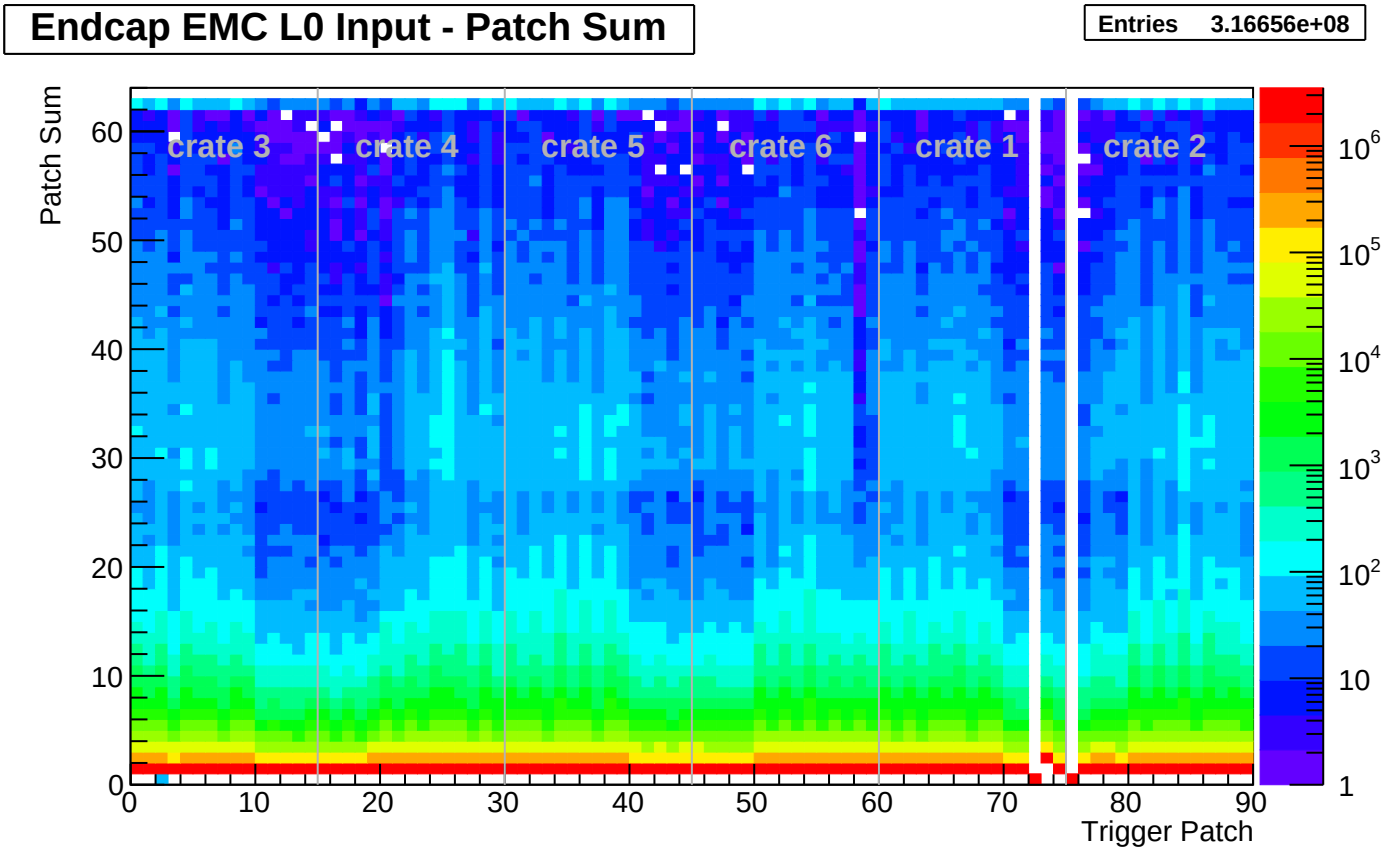
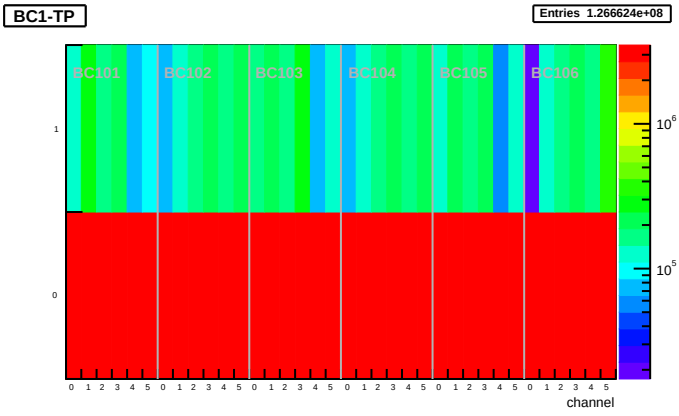
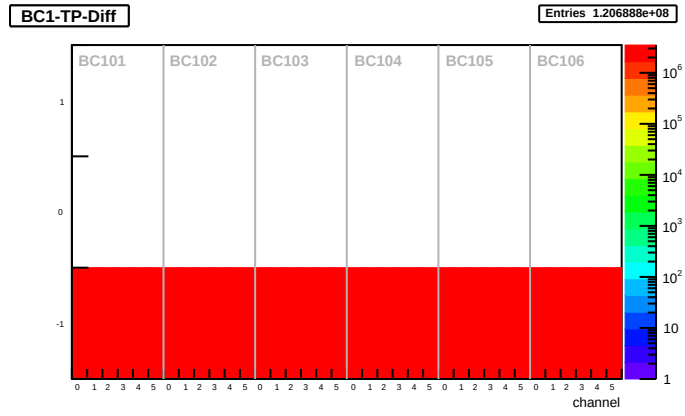

Barrel EMC L0 Input - High Tower
Entries 1.05552e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

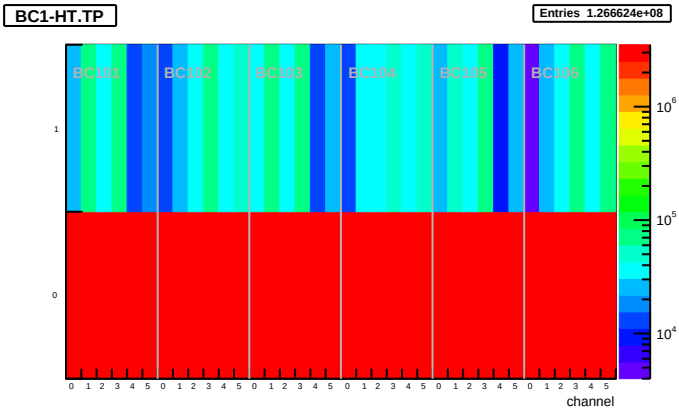

Barrel EMC L0 Input - Patch Sum
Entries 1.05552e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

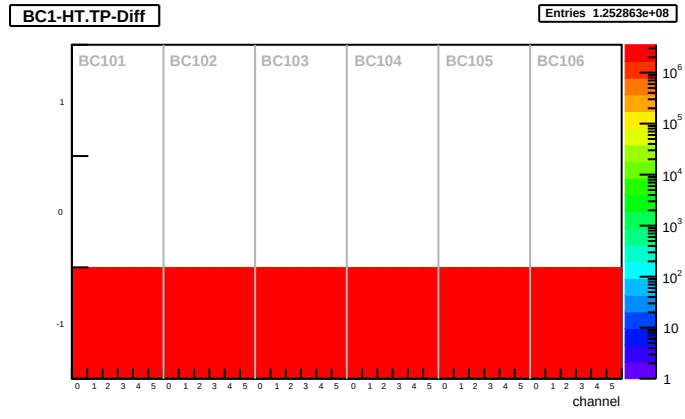

Endcap EMC L0 Input - High Tower
Entries 3.16656e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

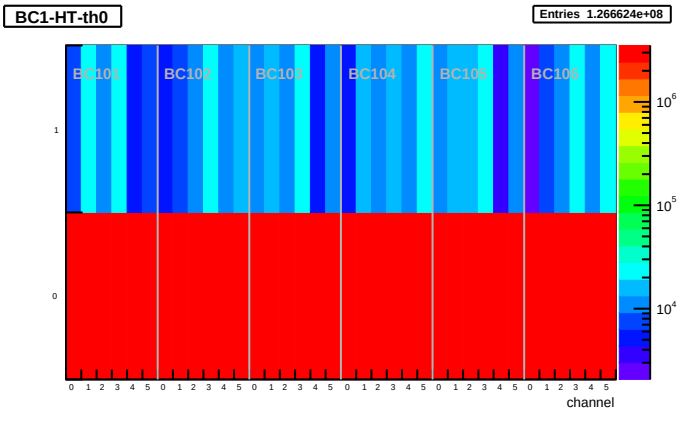

Endcap EMC L0 Input - Patch Sum
Entries 3.16656e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

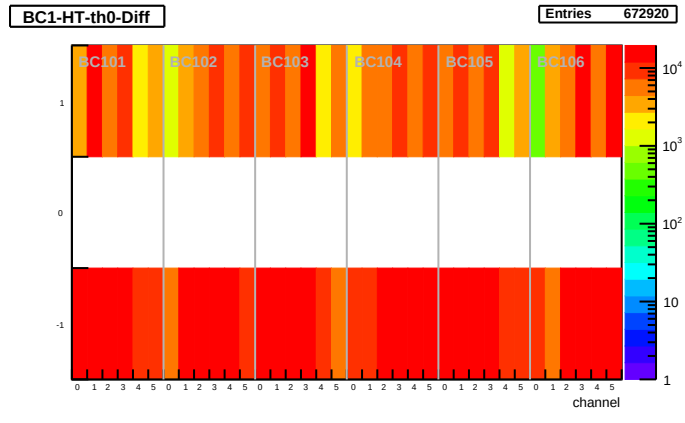

BC1-TP
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

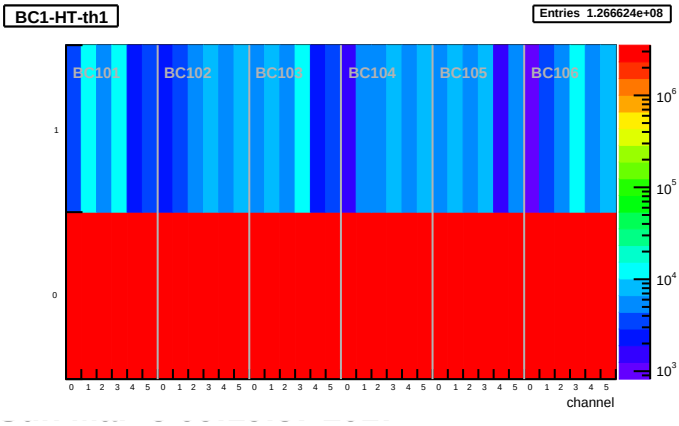

BC1-TP-Diff
Entries 1.206888e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

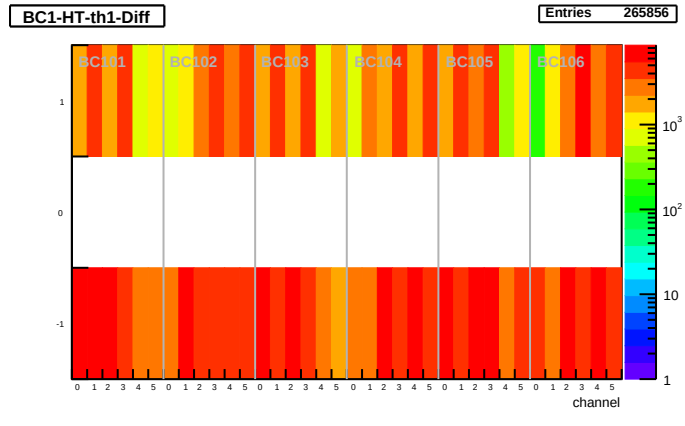

BC1-HT.TP
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

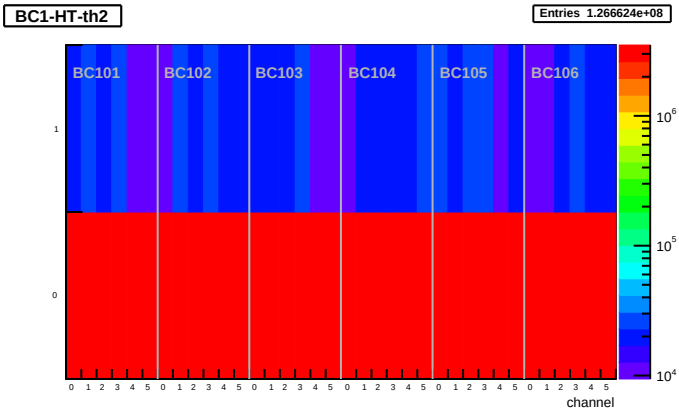

BC1-HT.TP-Diff
Entries 1.252863e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

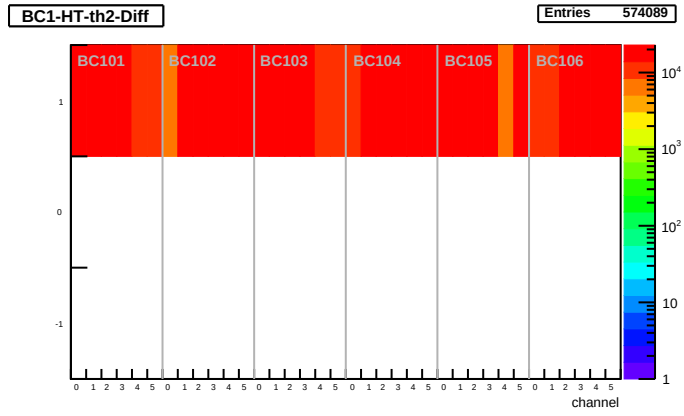

BC1-HT-th0
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

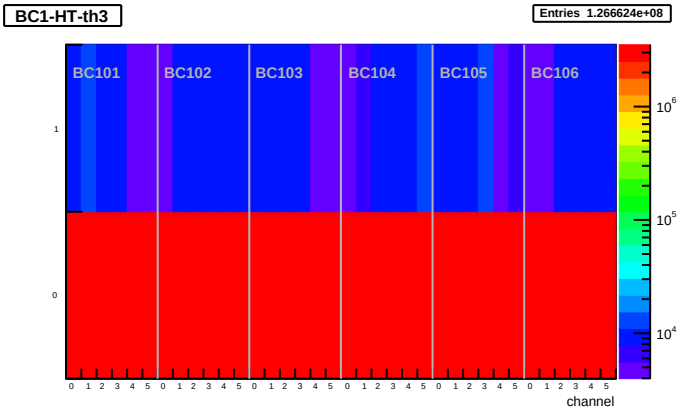

BC1-HT-th0-Diff
Entries 672920
BC101
BC102
BC103
BC104
BC105
BC106
channel

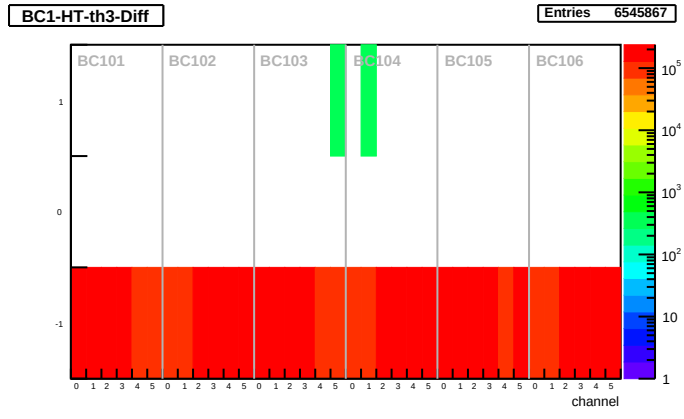

BC1-HT-th1
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

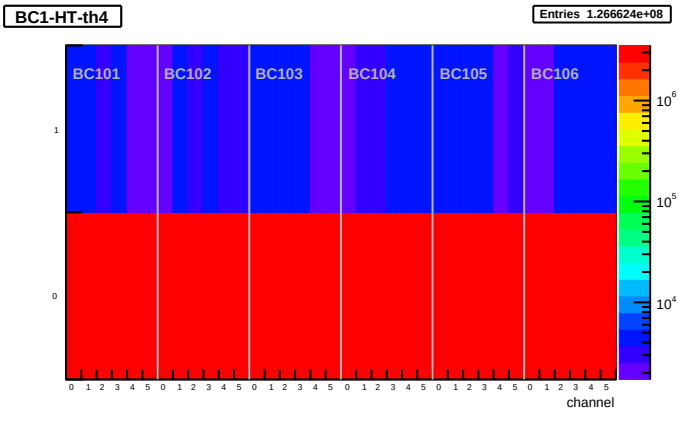

BC1-HT-th1-Diff
Entries 265856
BC101
BC102
BC103
BC104
BC105
BC106
channel

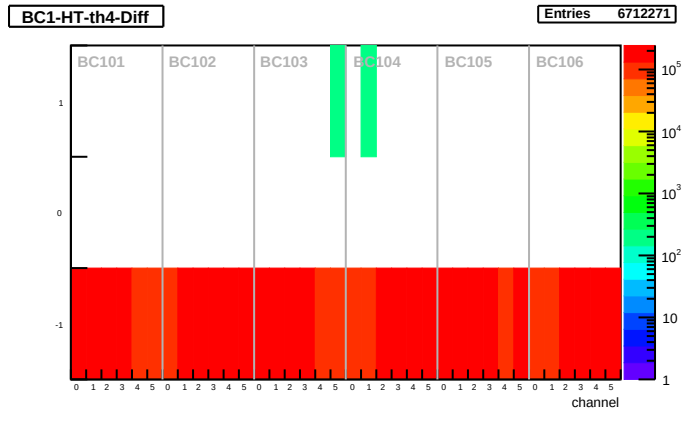

BC1-HT-th2
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

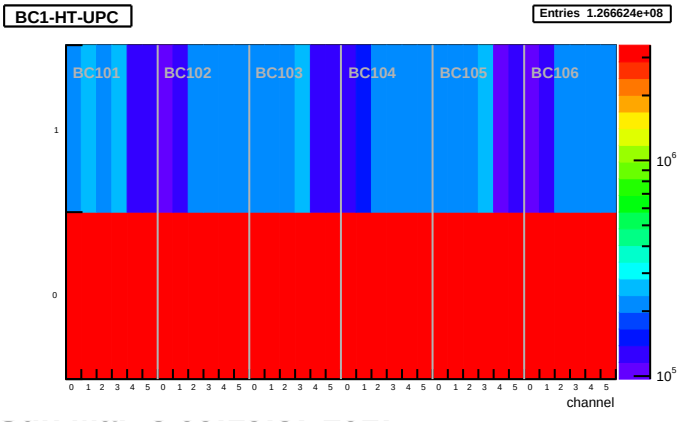

BC1-HT-th2-Diff
Entries 574089
BC101
BC102
BC103
BC104
BC105
BC106
channel

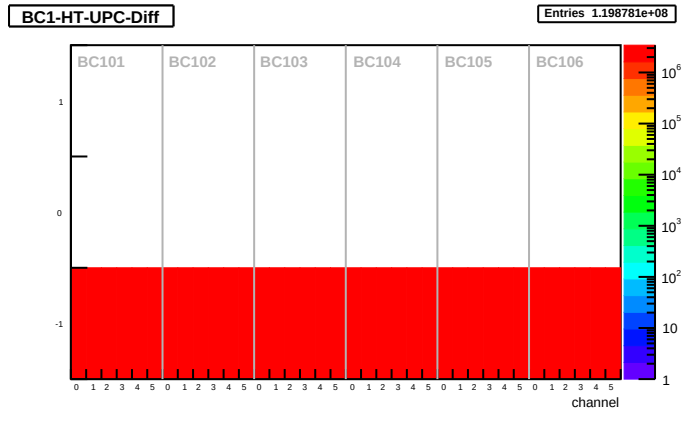

BC1-HT-th3
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

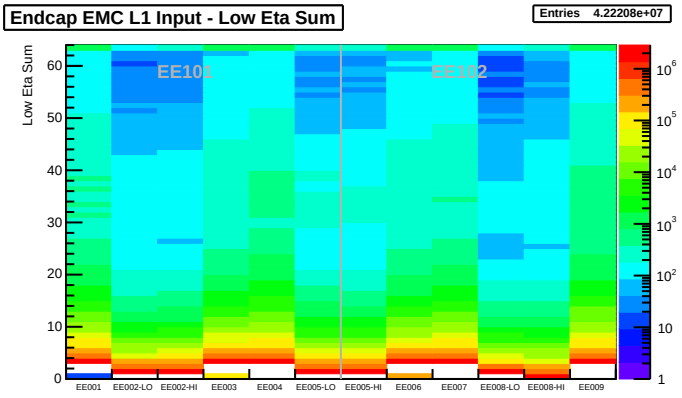

BC1-HT-th3-Diff
Entries 6545867
BC101
BC102
BC103
BC104
BC105
BC106
channel

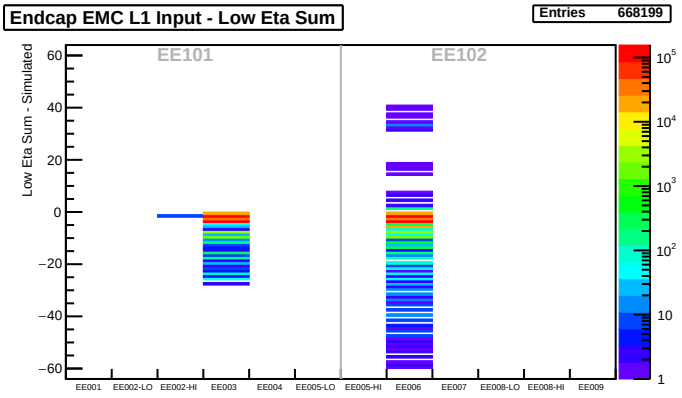

BC1-HT-th4
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

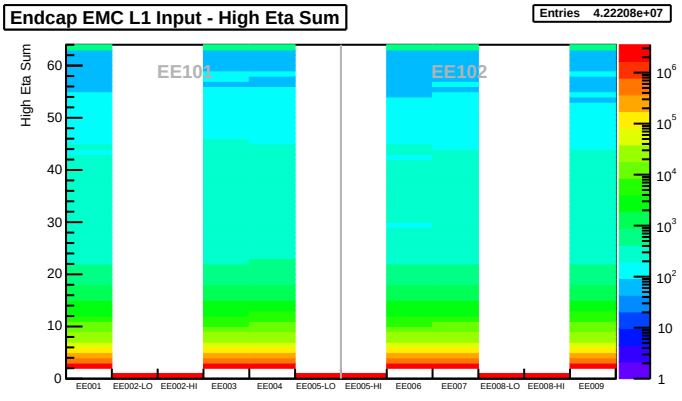

BC1-HT-th4-Diff
Entries 6712271
BC101
BC102
BC103
BC104
BC105
BC106
channel

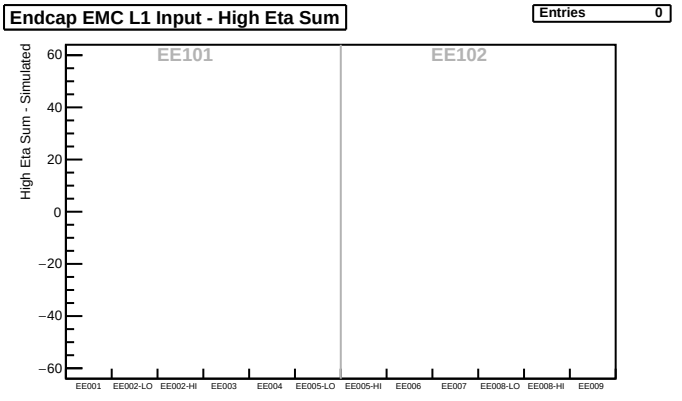

BC1-HT-UPC
Entries 1.266624e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

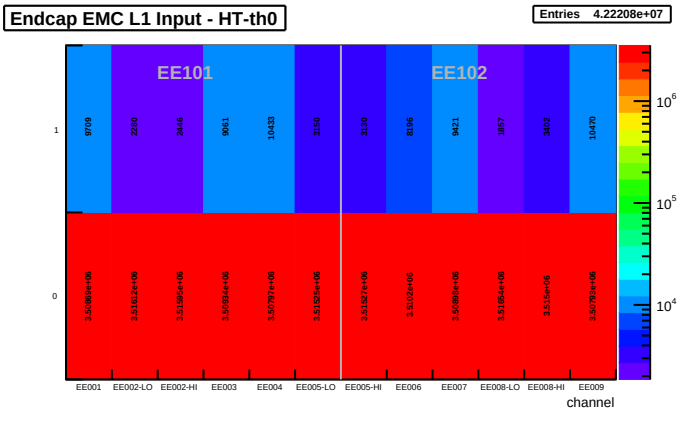

BC1-HT-UPC-Diff
Entries 1.198781e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

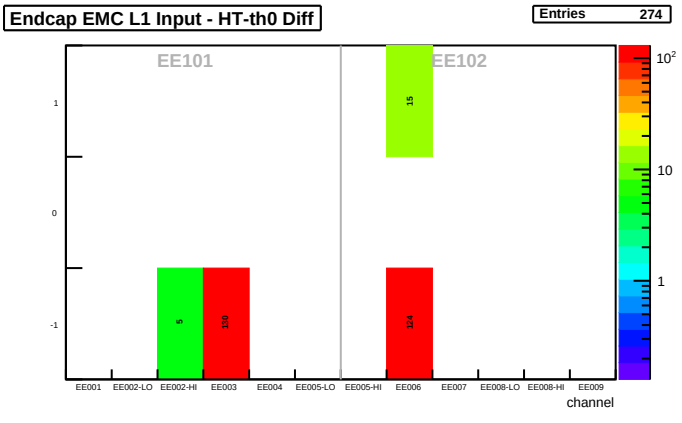

Endcap EMC L1 Input - Low Eta Sum
Entries 4.22208e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

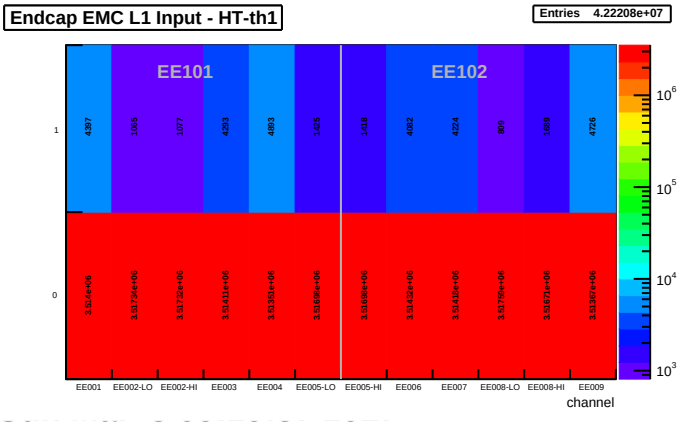

Endcap EMC L1 Input - Low Eta Sum
Entries 668199
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

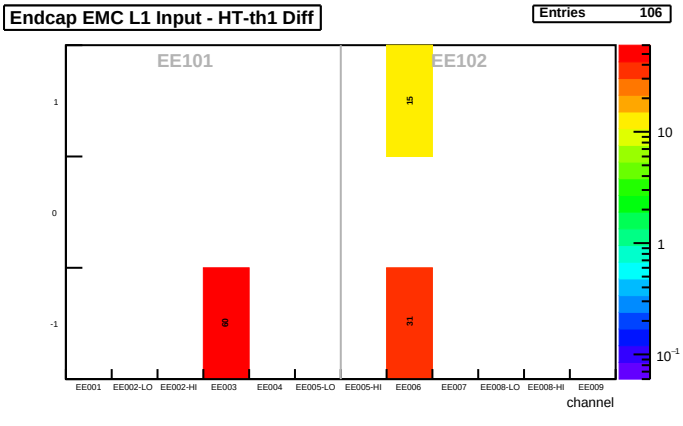

Endcap EMC L1 Input - High Eta Sum
Entries 4.22208e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

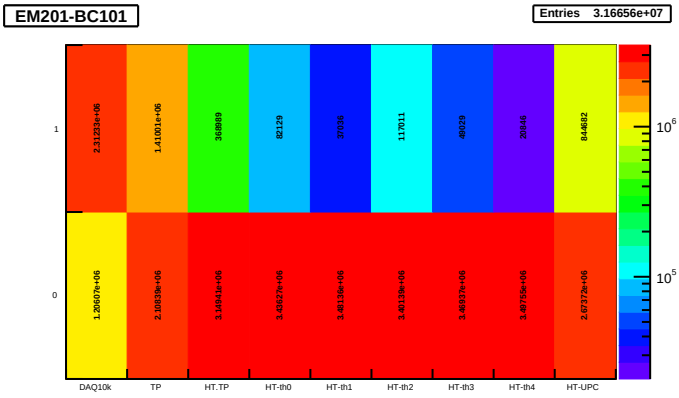

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

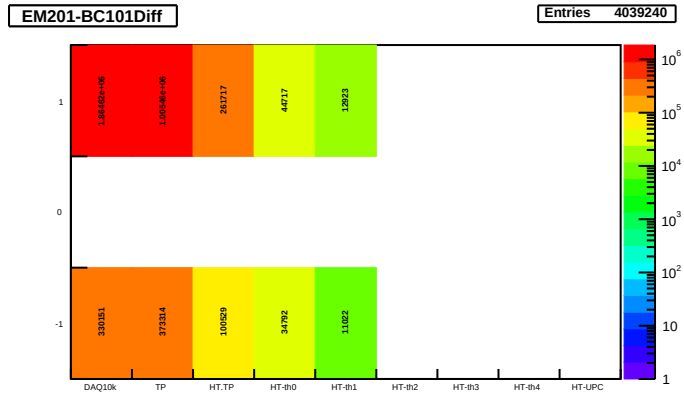

Endcap EMC L1 Input - HT-th0
Entries 4.22208e+07
EE101
EE102
9709 2290 2446 9061 10433 3150 3130 8196 9421 1857 3402 10470
channel

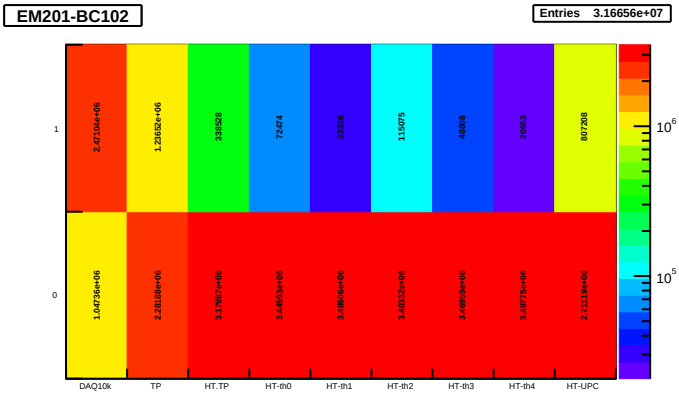

Endcap EMC L1 Input - HT-th0 Diff
Entries 274
EE101
EE102
5 130 15 124
channel

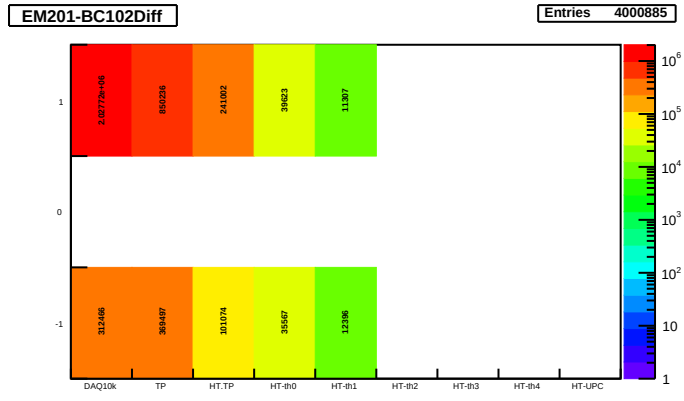

Endcap EMC L1 Input - HT-th1
Entries 4.22208e+07
EE101
EE102
4397 1065 1077 4293 4893 1425 1418 4082 4224 809 1689 4726
channel

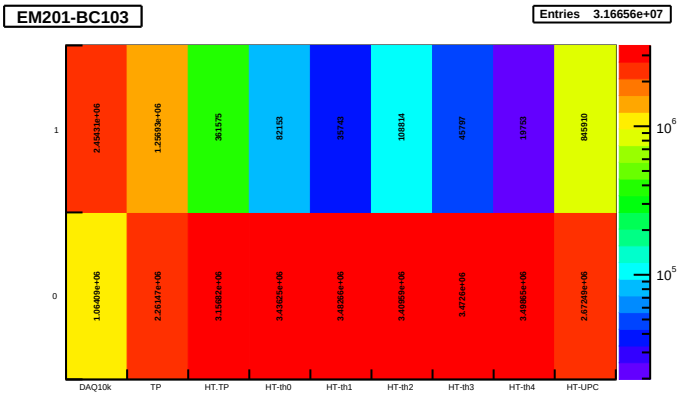

Endcap EMC L1 Input - HT-th1 Diff
Entries 106
EE101
EE102
60 15 31
channel

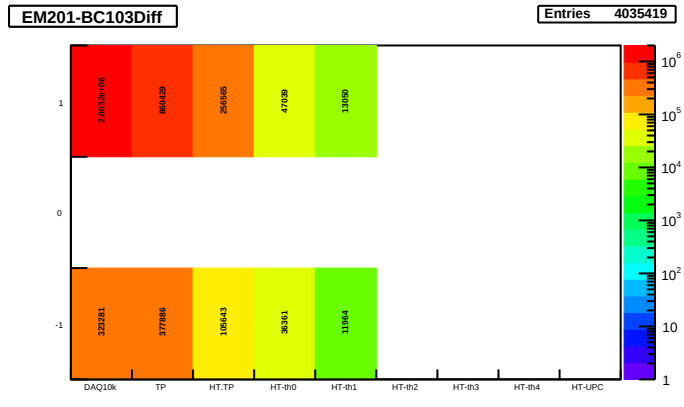

EM201-BC101
Entries 3.16656e+07
2.31232e+05
1.41001e+06
368889
82129
27036
117011
49029
20846
844682
1.20607e+06
2.19839e+06
3.11041e+06
3.43627e+06
3.48136e+06
3.48139e+06
3.46937e+06
3.49755e+06
2.67372e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

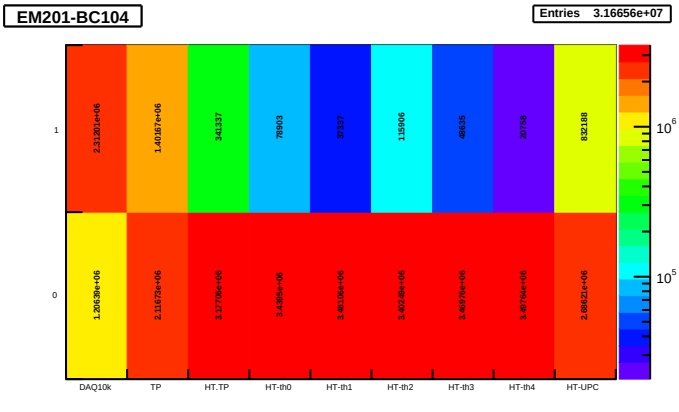

EM201-BC101Diff
Entries 4039240
1.86482e+06
1.00546e+06
261717
44717
12923
330151
373314
100629
34792
11822
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

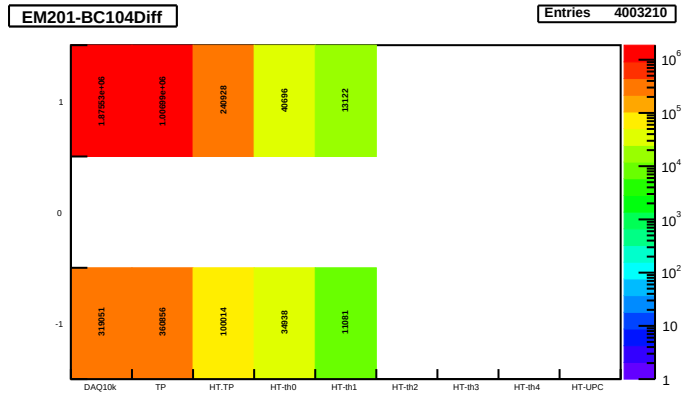

EM201-BC102
Entries 3.16656e+07
2.47104e+05
1.23652e+06
338528
72474
3236
115075
43808
20653
807298
1.04736e+06
2.28188e+06
3.17907e+06
3.44593e+06
3.48606e+06
3.49323e+06
3.46959e+06
3.49775e+06
2.71119e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 4000885
2.02772e+06
850236
241002
39823
11307
312466
369497
101074
35567
12396
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

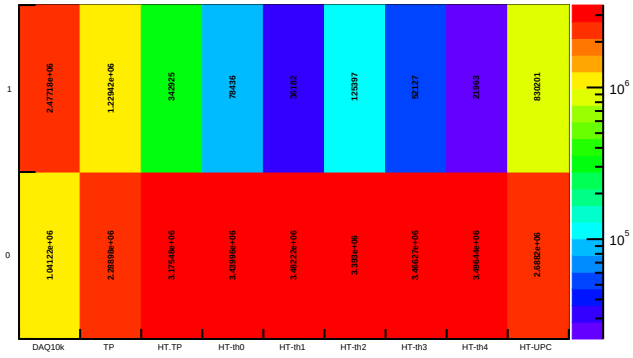

EM201-BC103
Entries 3.16656e+07
2.49431e+05
1.25693e+06
361575
82133
35743
108814
45797
19753
845910
1.06409e+06
2.26147e+06
3.15682e+06
3.43825e+06
3.48266e+06
3.49959e+06
3.4721e+06
3.49855e+06
2.67249e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 4035419
2.20332e+06
860429
256565
47039
13950
322281
377886
105643
36361
11964
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

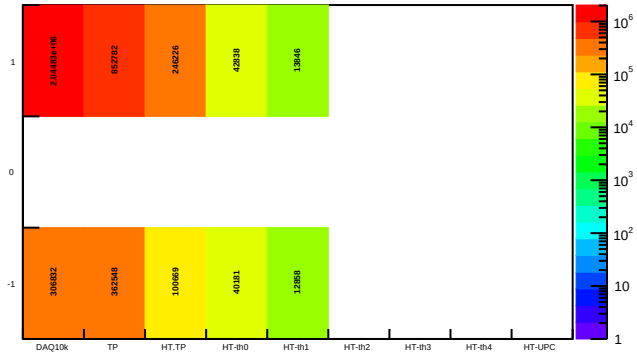

EM201-BC104
Entries 3.16656e+07
2.31201e+05
1.40167e+06
341337
76903
37337
115906
46635
20758
832188
1.20630e+06
2.11673e+06
3.17706e+06
3.43954e+06
3.48166e+06
3.49289e+06
3.46976e+06
3.49764e+06
2.68621e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 4003210
1.87653e+06
1.00699e+06
240928
40696
13122
319051
360656
100014
34938
11091
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

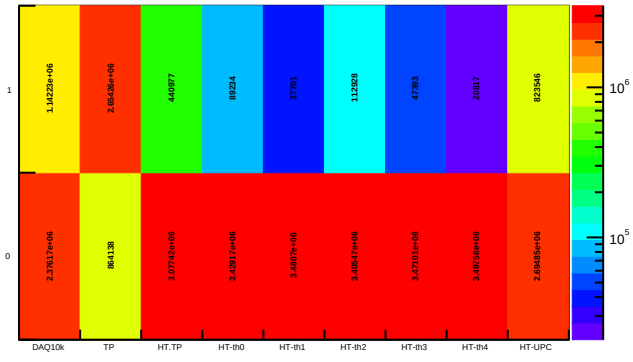
EM201-BC105 Entries 3.16656e+07



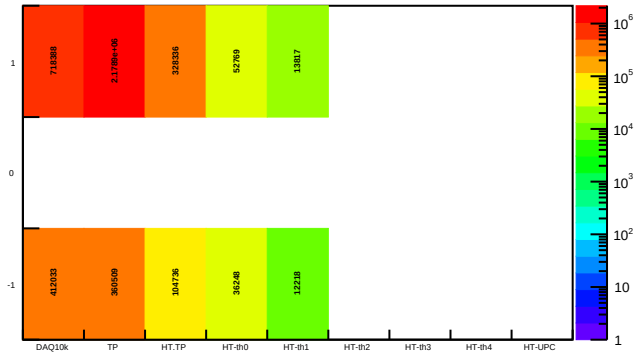
EM201-BC105Diff Entries 4023610



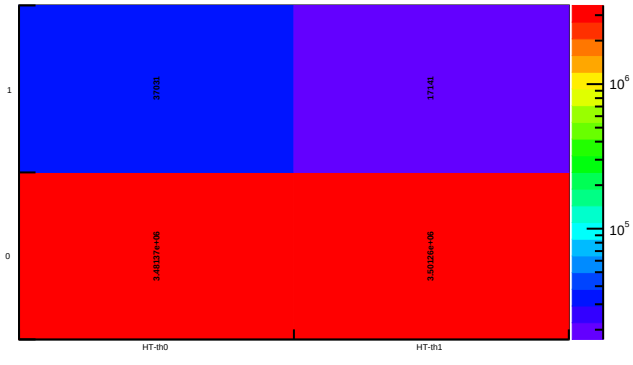
EM201-BC106 Entries 3.16656e+07



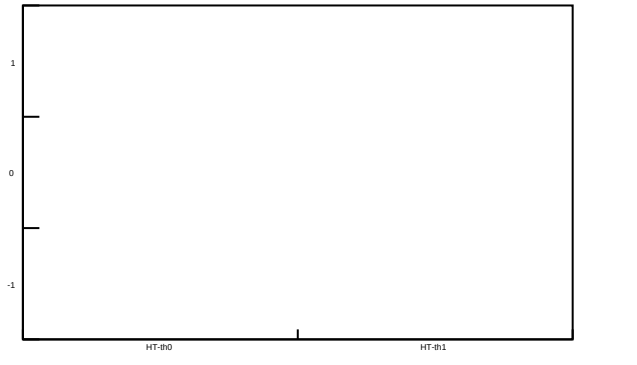
EM201-BC106Diff Entries 4217949



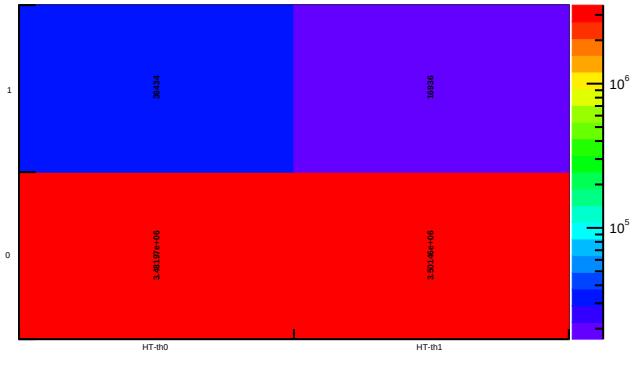
EM201-EE101 Entries 7036800



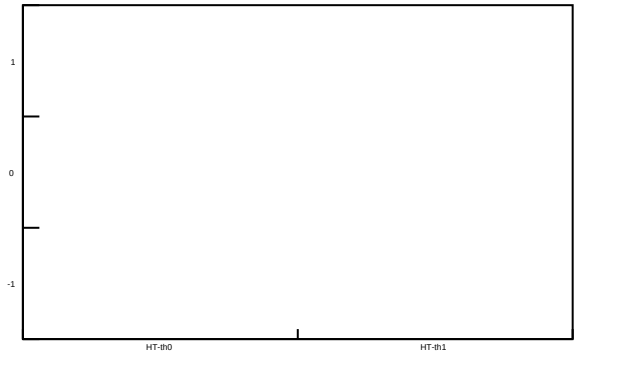
EM201-EE101Diff Entries 0

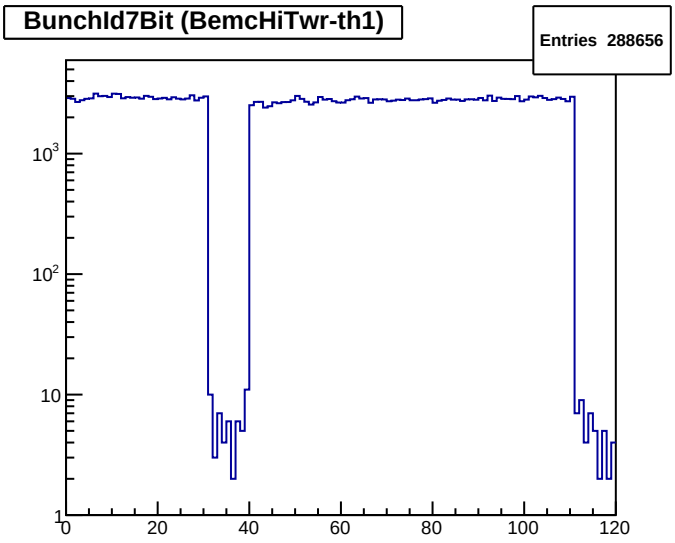


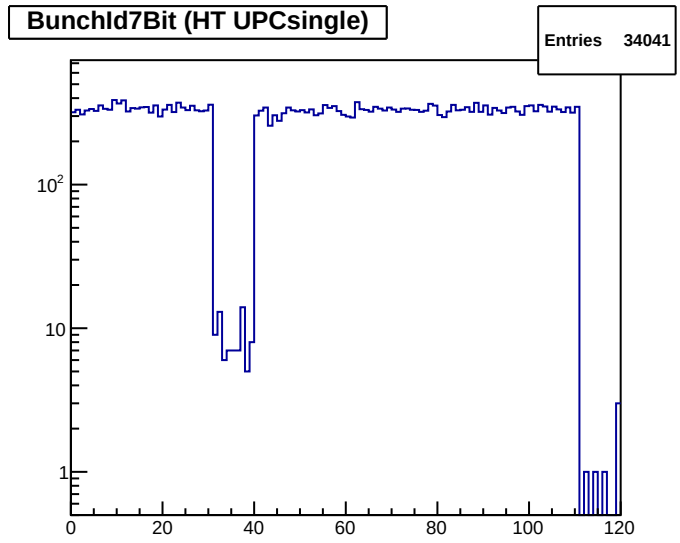
EM201-EE102 Entries 7036800

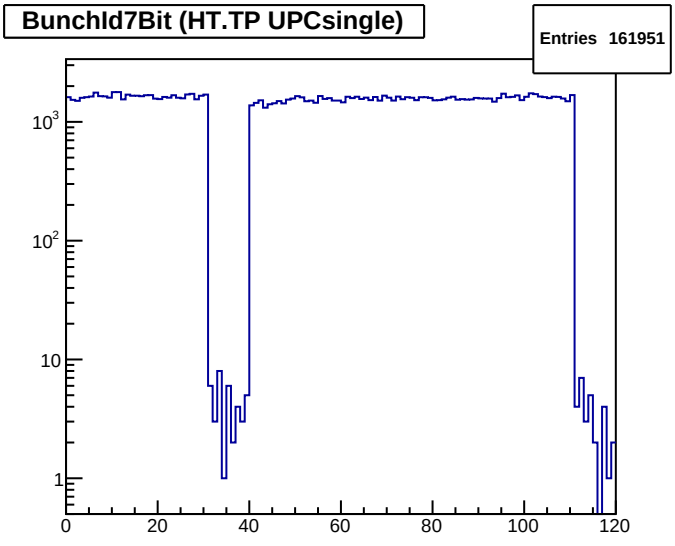


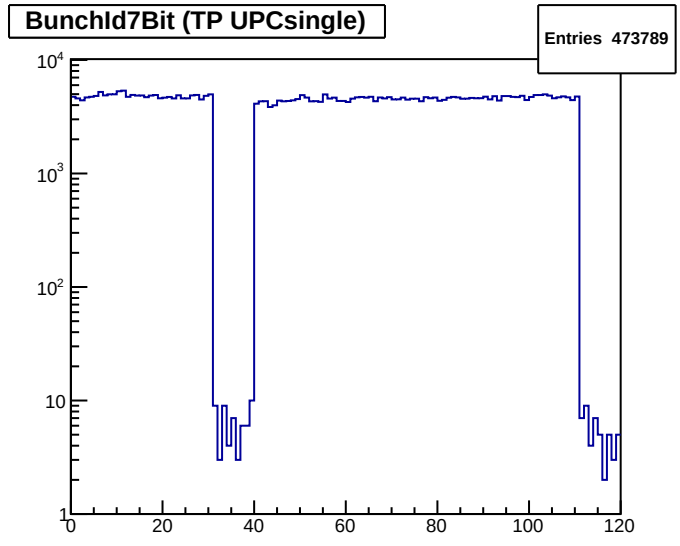
EM201-EE102Diff Entries 0

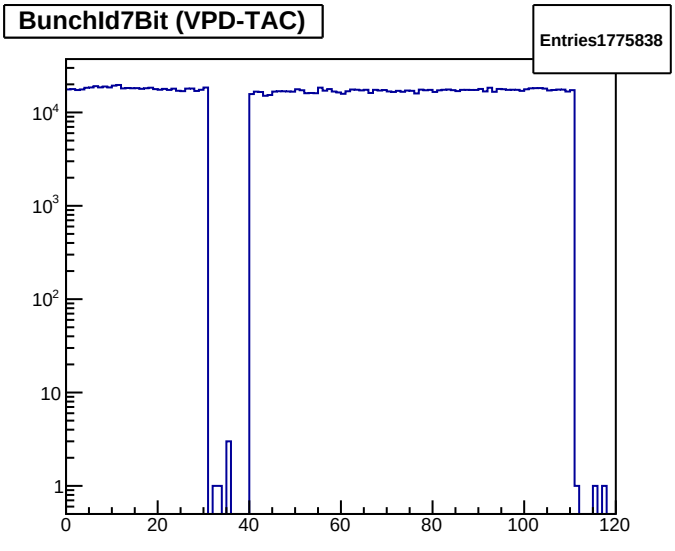


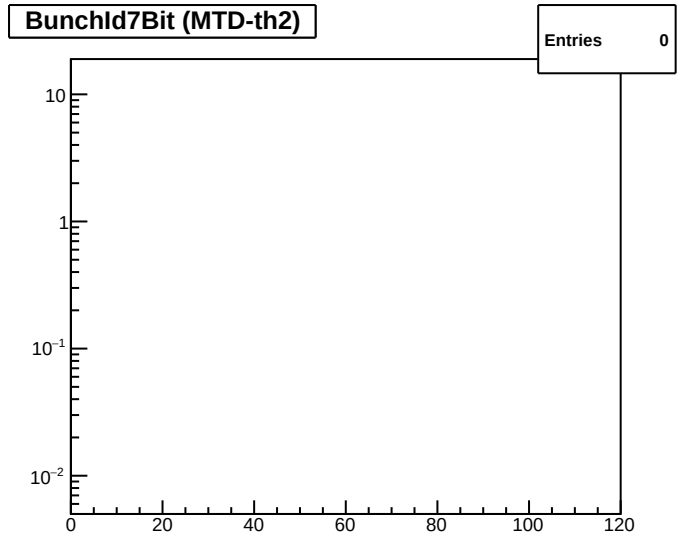

BunchId7Bit (BemcHiTwr-th1)
Entries 288656

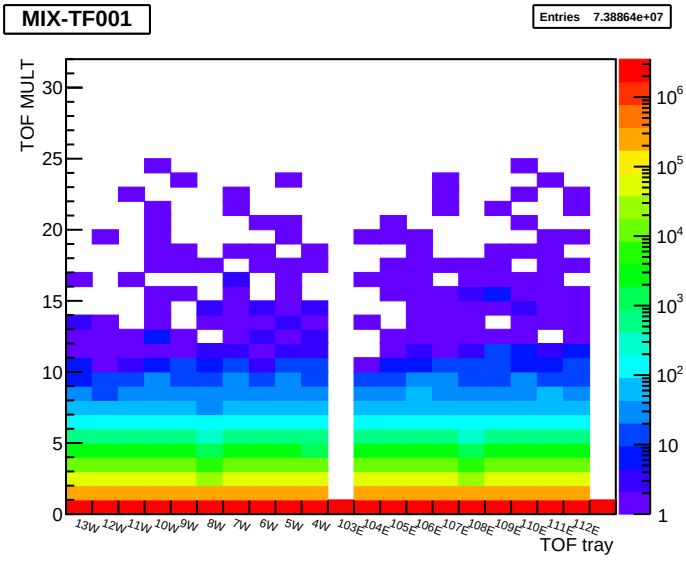

BunchId7Bit (HT UPCsingle)
Entries 34041

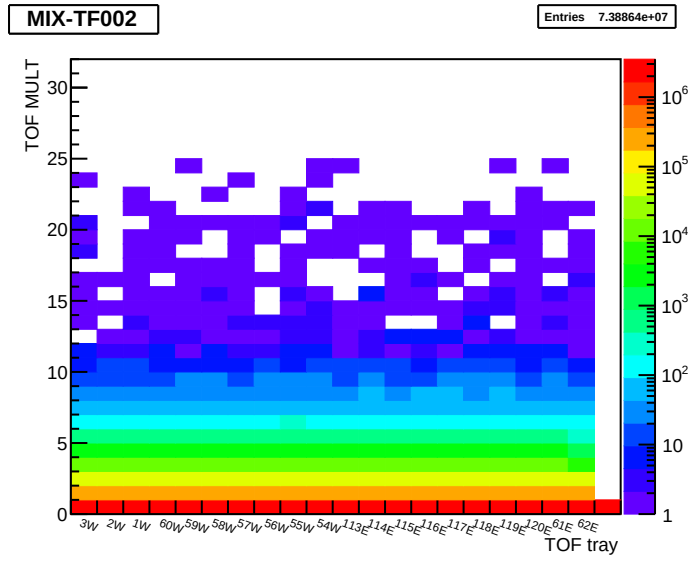

BunchId7Bit (HT.TP UPCsingle)
Entries 161951

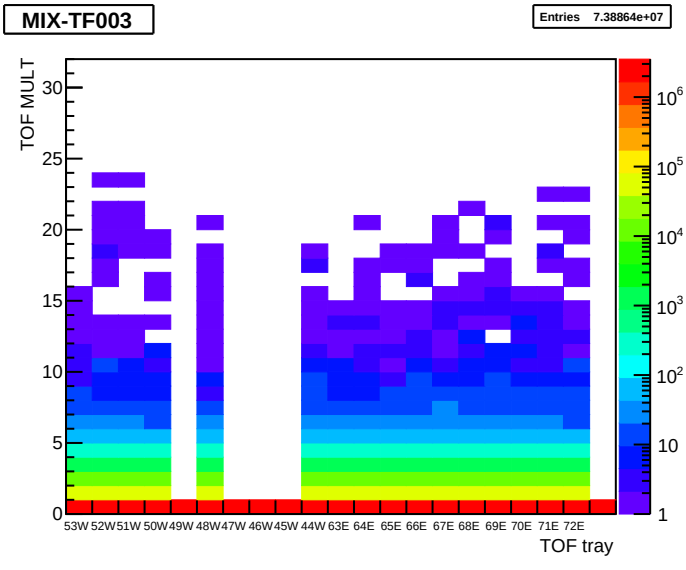

BunchId7Bit (TP UPCsingle)
Entries 473789

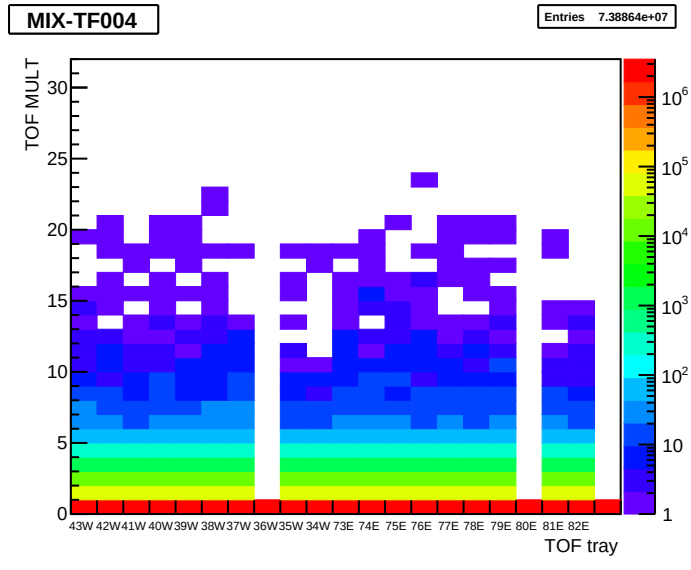

BunchId7Bit (VPD-TAC)
Entries1775838

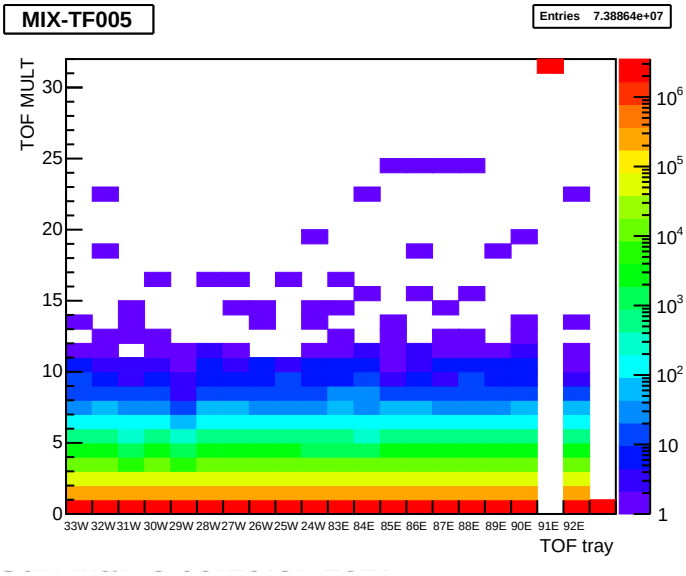

BunchId7Bit (MTD-th2)
Entries 0

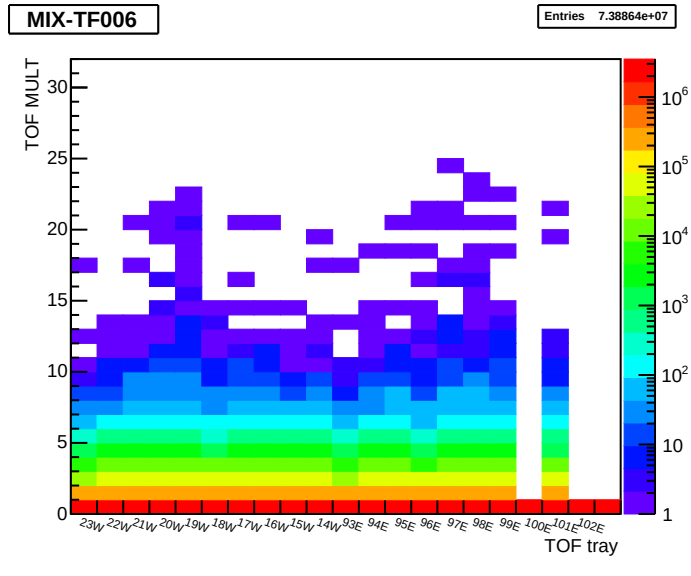

MIX-TF001
Entries 7.38864e+07
TOF MULT
TOF tray

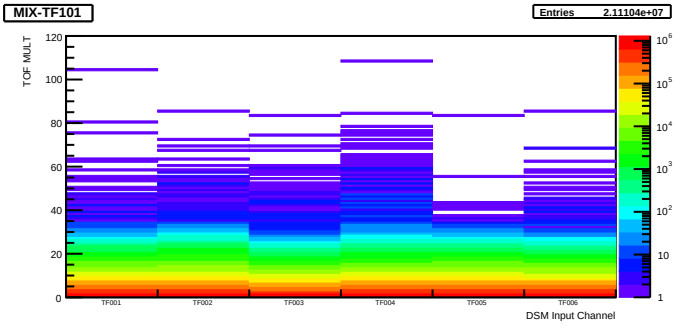

MIX-TF002
Entries 7.38864e+07
TOF MULT
TOF tray

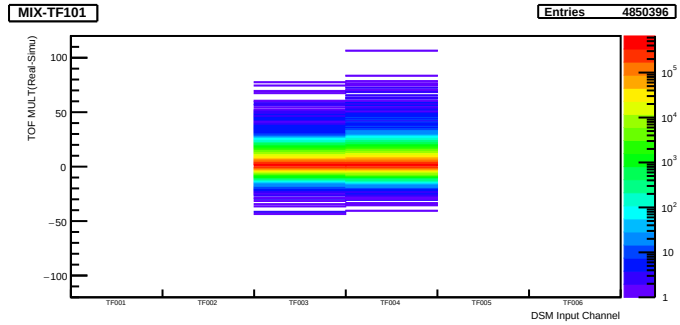

MIX-TF003
Entries 7.38864e+07
TOF MULT
TOF tray

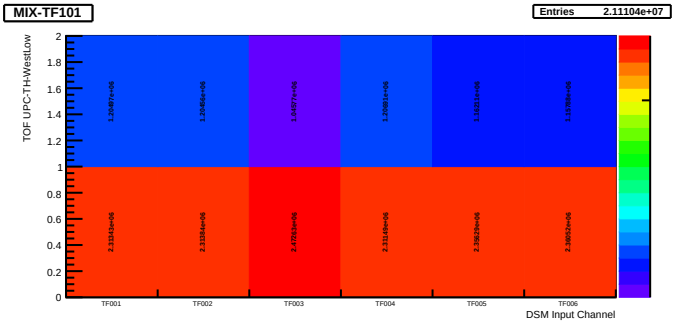

MIX-TF004
Entries 7.38864e+07
TOF MULT
TOF tray

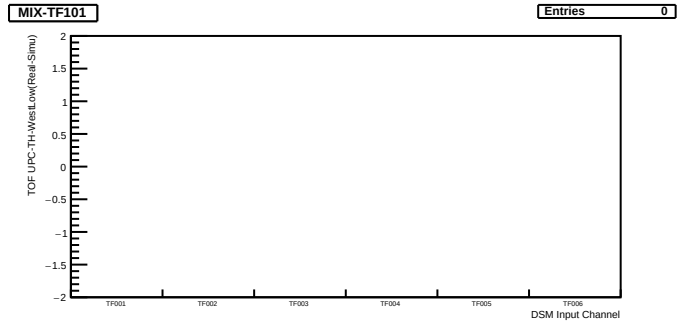

MIX-TF005
Entries 7.38864e+07
TOF MULT
TOF tray

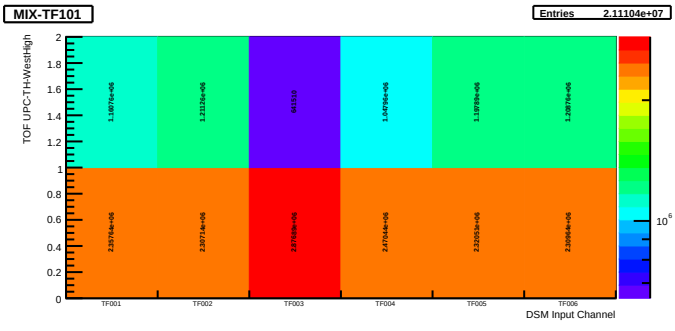

MIX-TF006
Entries 7.38864e+07
TOF MULT
TOF tray

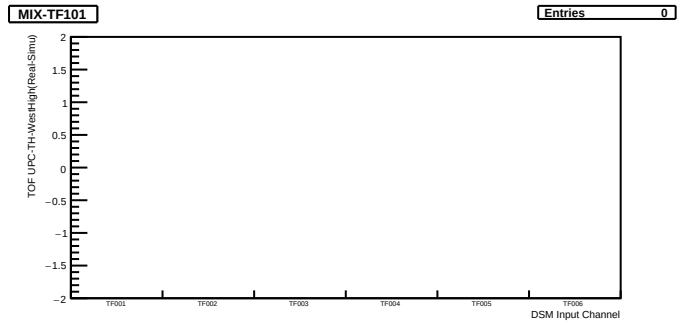

MIX-TF101
Entries 2.11104e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

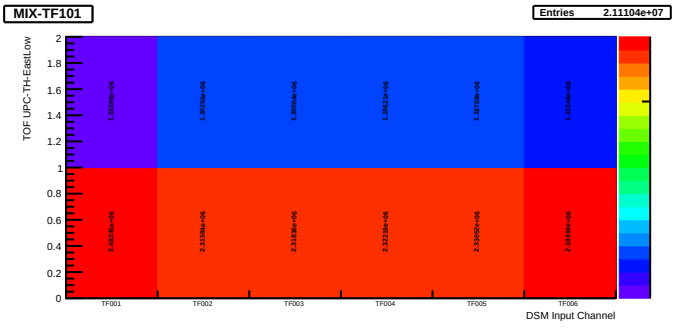

MIX-TF101
Entries 4850396
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

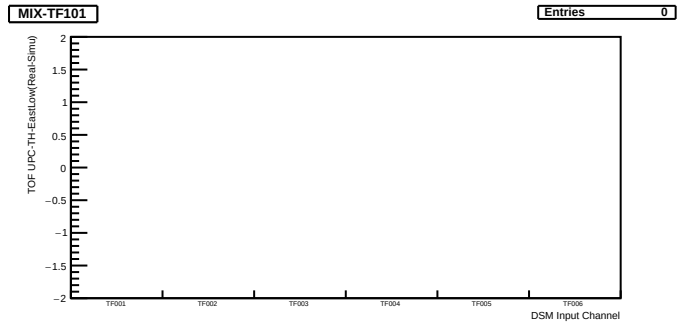

MIX-TF101
Entries 2.11104e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

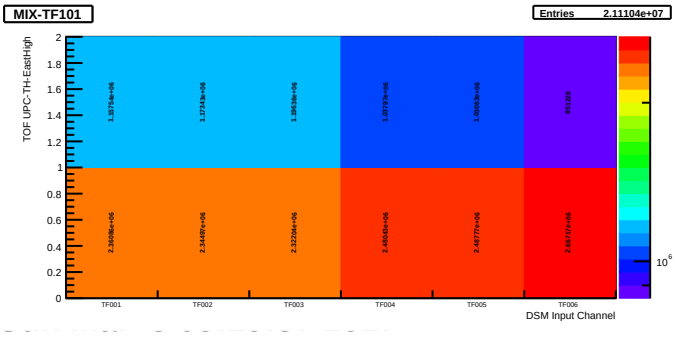

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

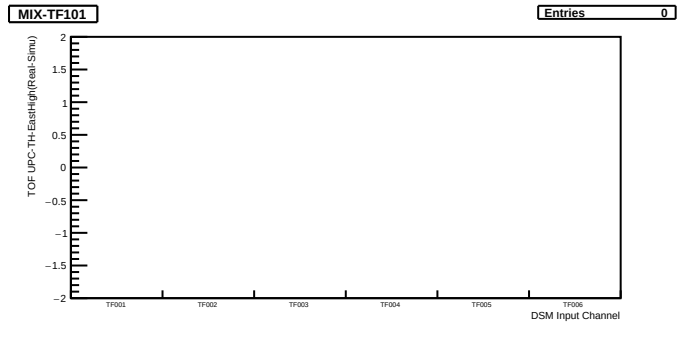

MIX-TF101
Entries 2.11104e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

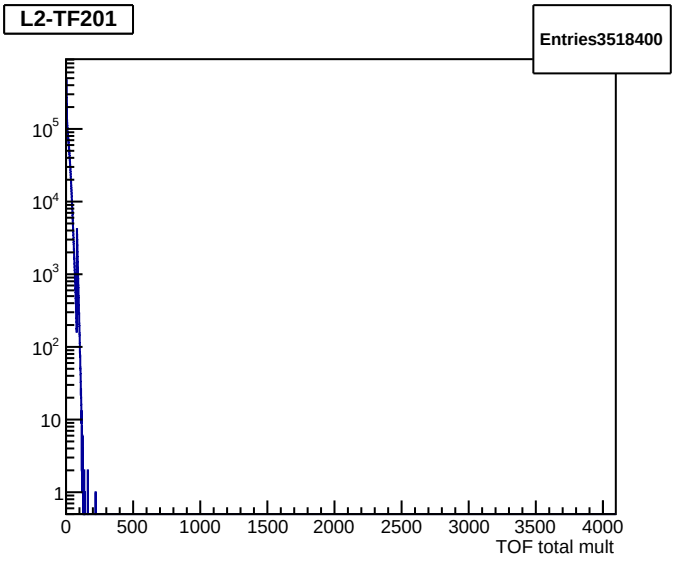

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

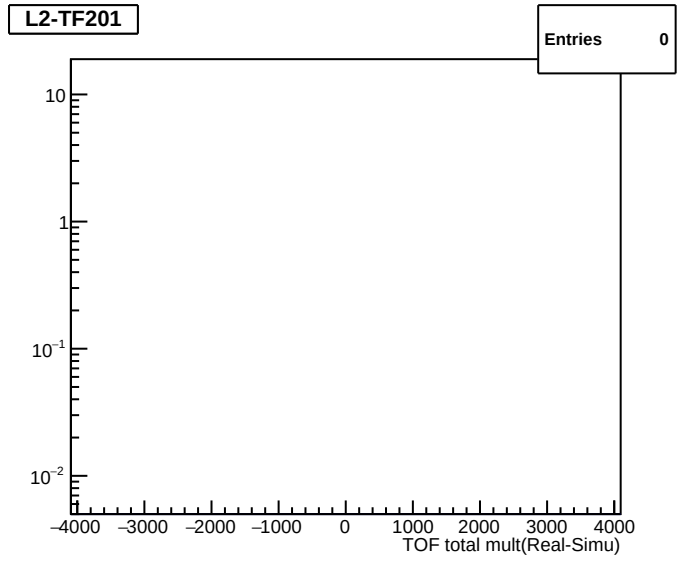

MIX-TF101
Entries 2.11104e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

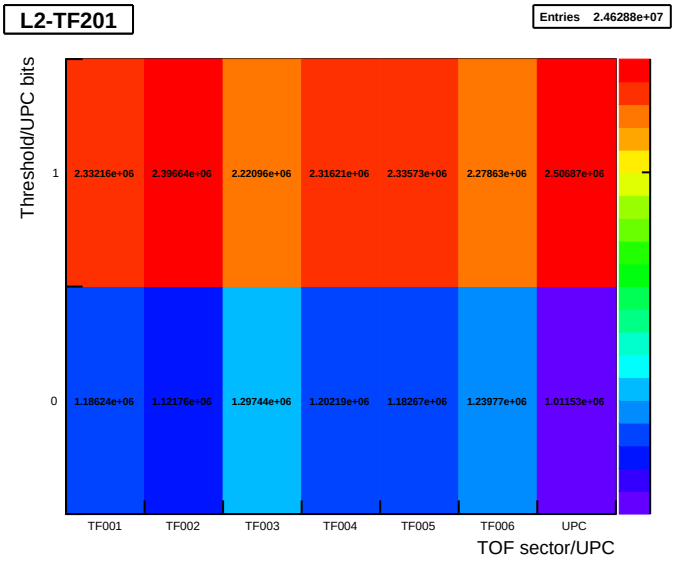

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

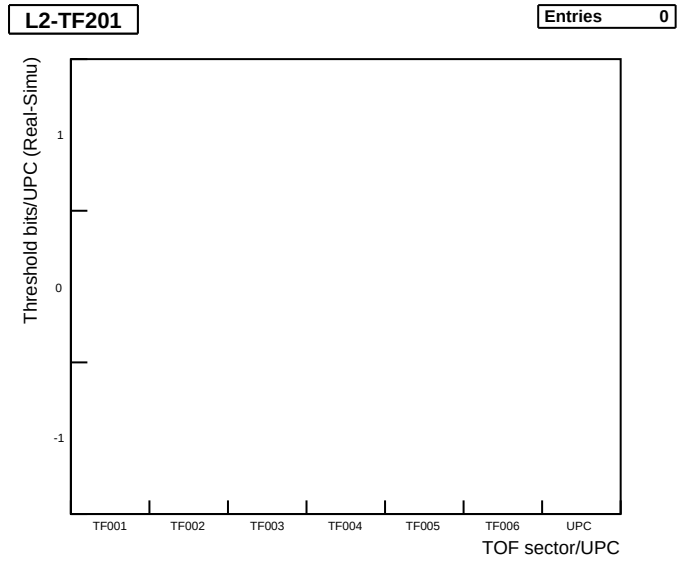

MIX-TF101
Entries 2.11104e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

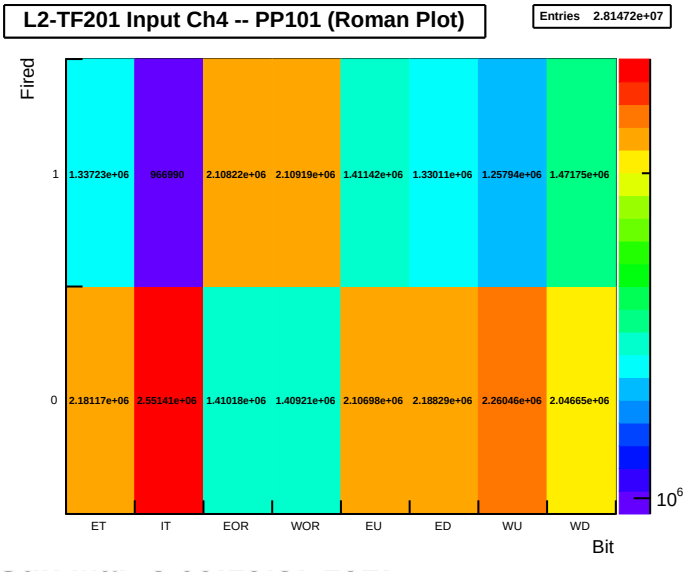

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

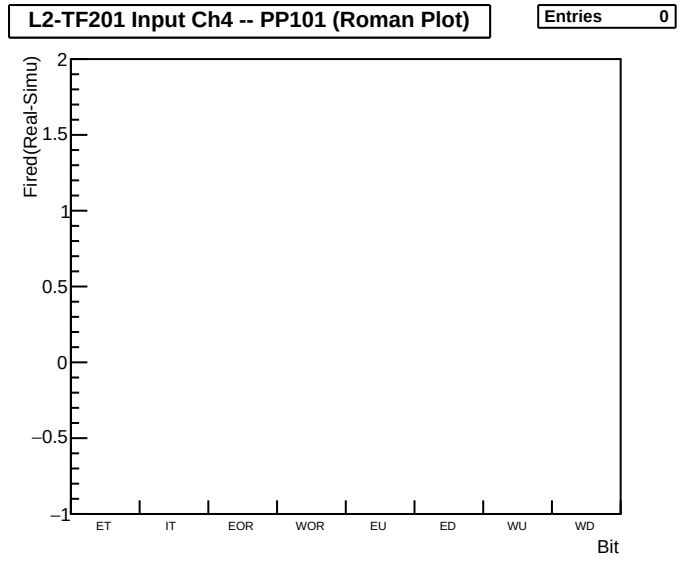

L2-TF201
Entries3518400
TOF total mult

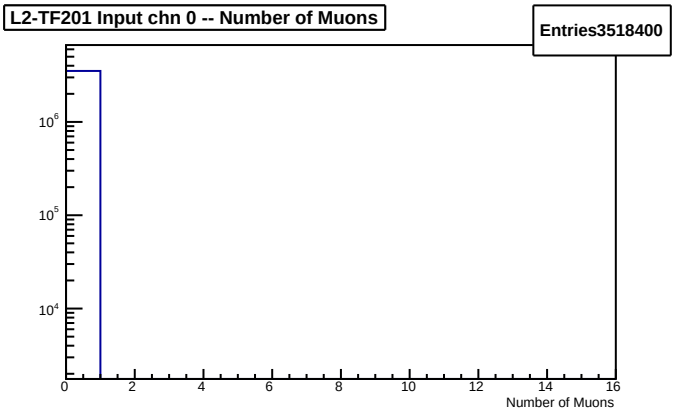

L2-TF201
Entries 0
TOF total mult(Real-Simu)

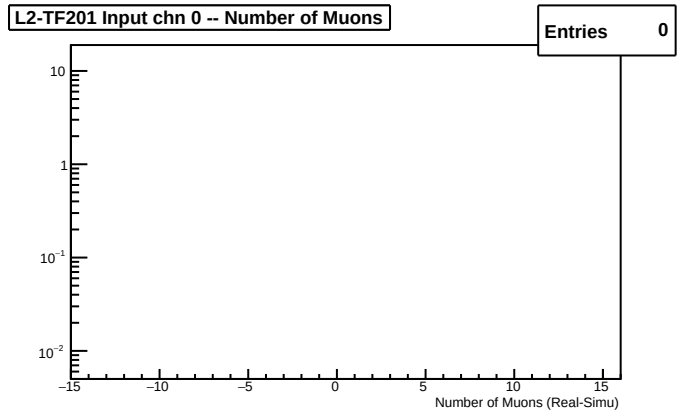

L2-TF201
Entries 2.46288e+07
Threshold/UPC bits
2.33216e+06
2.39664e+06
2.22096e+06
2.31621e+06
2.33573e+06
2.27863e+06
2.50687e+06
1.18624e+06
1.12176e+06
1.29744e+06
1.20219e+06
1.18267e+06
1.23977e+06
1.01153e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

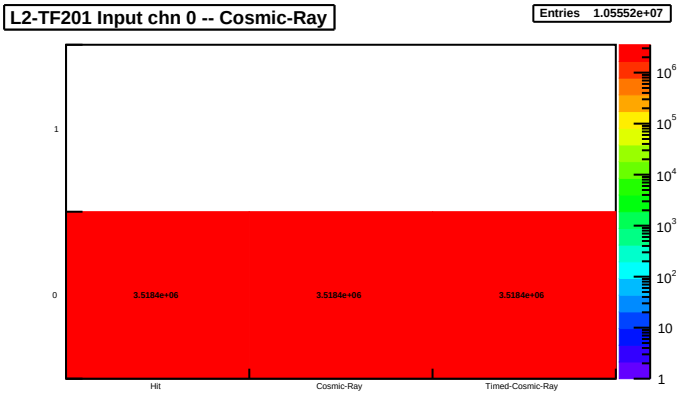

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

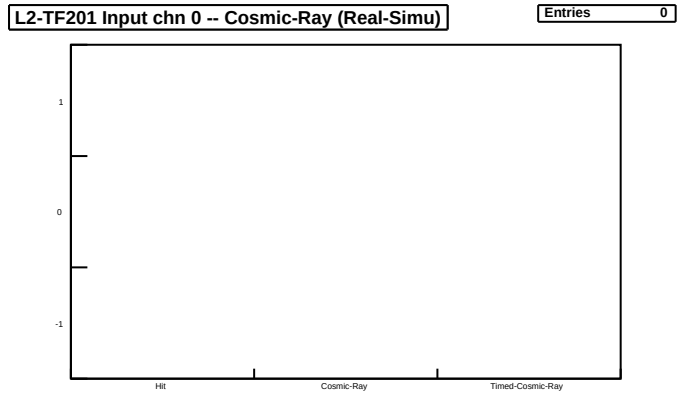

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.81472e+07
Fired
1.33723e+06
966990
2.10822e+06
2.10919e+06
1.41142e+06
1.33011e+06
1.25794e+06
1.47175e+06
2.18117e+06
2.55141e+06
1.41018e+06
1.40921e+06
2.10698e+06
2.18829e+06
2.26046e+06
2.04665e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

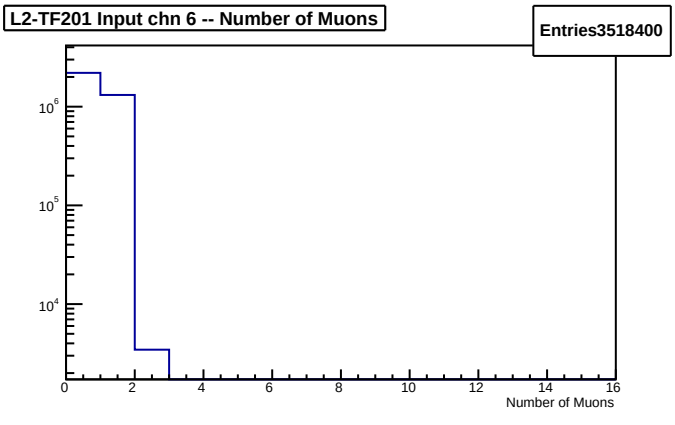

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

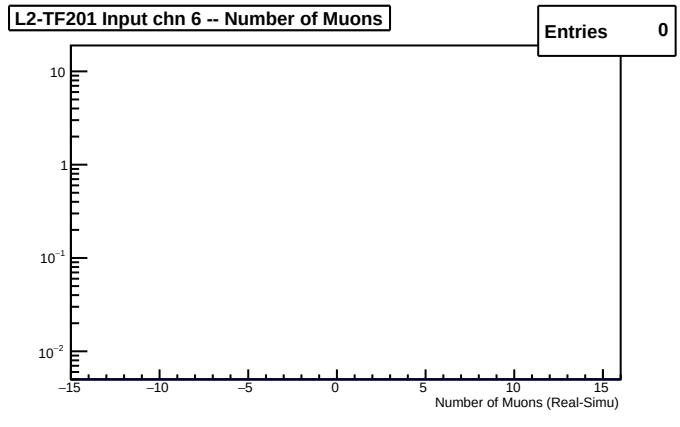

L2-TF201 Input chn 0 -- Number of Muons
Entries3518400
Number of Muons

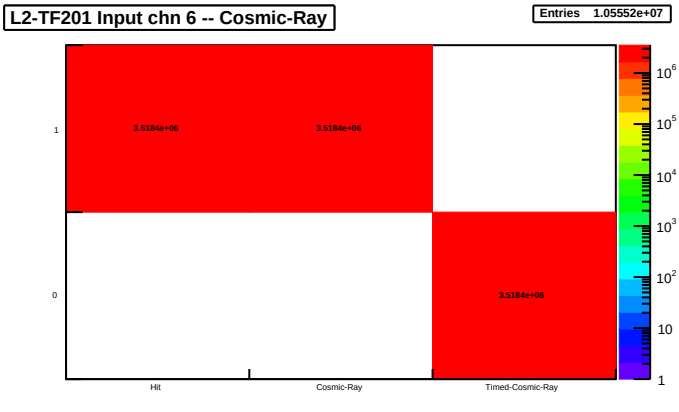

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

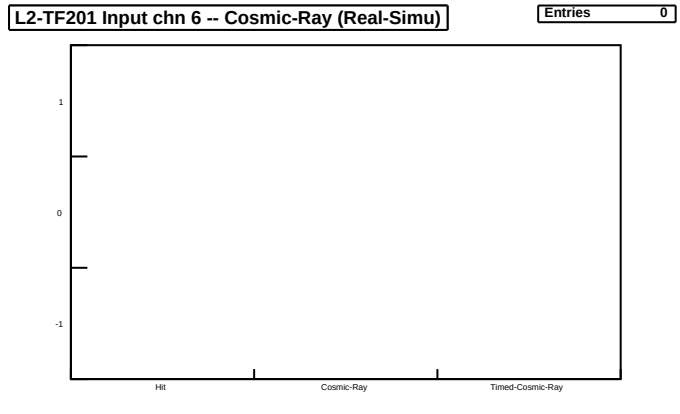

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.05552e+07
3.5184e+06
3.5184e+06
3.5184e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

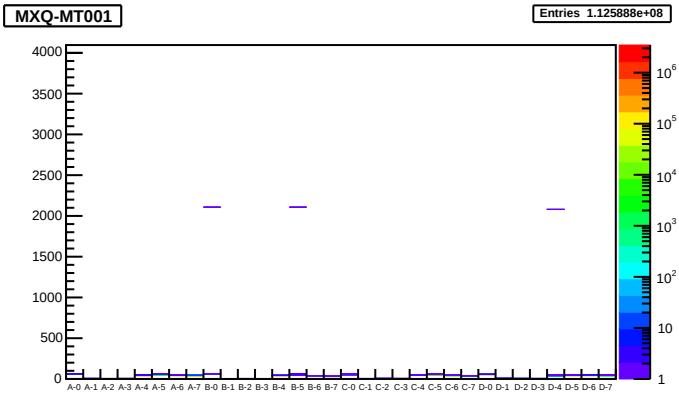

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

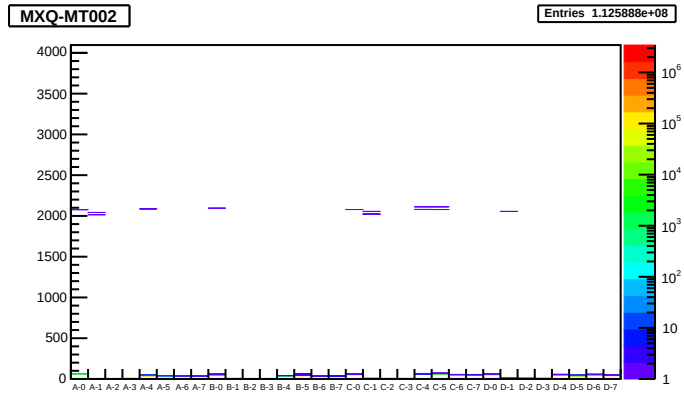

L2-TF201 Input chn 6 -- Number of Muons
Entries3518400
Number of Muons

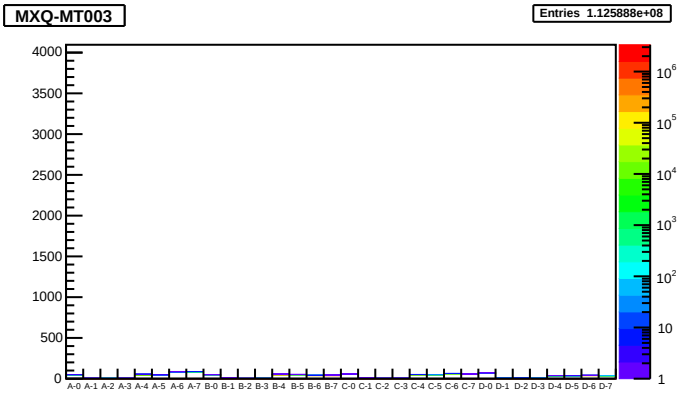

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

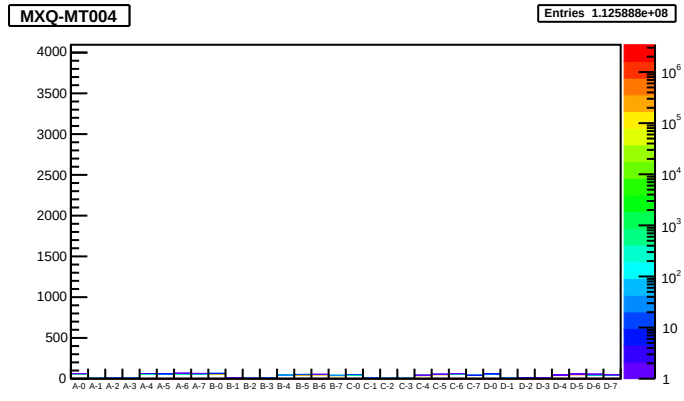

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.05552e+07
3.5184e+06
3.5184e+06
3.5184e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

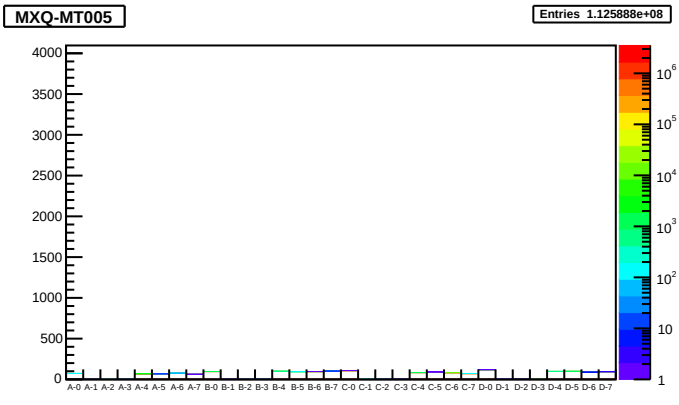

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

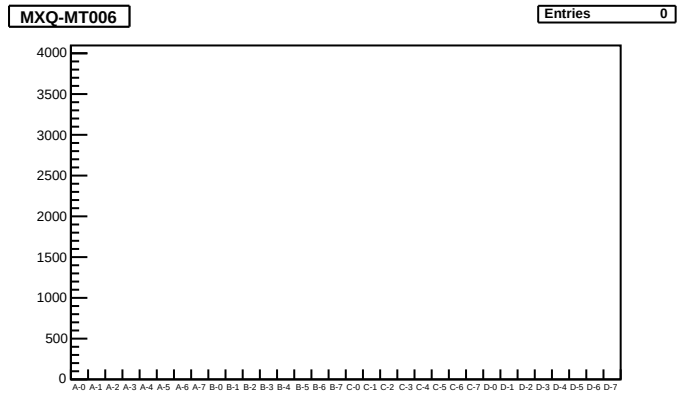

MXQ-MT001
Entries 1.125888e+08

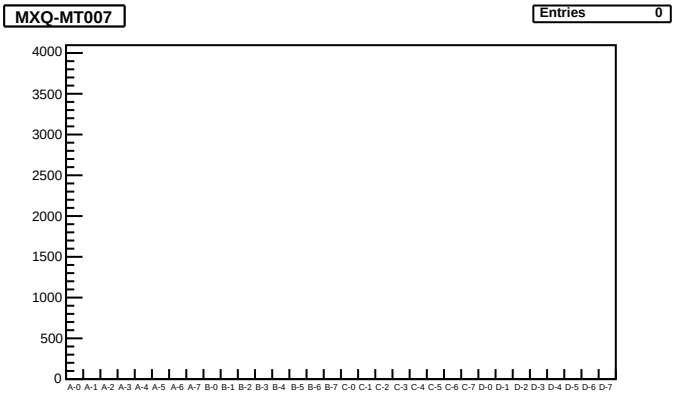

MXQ-MT002
Entries 1.125888e+08

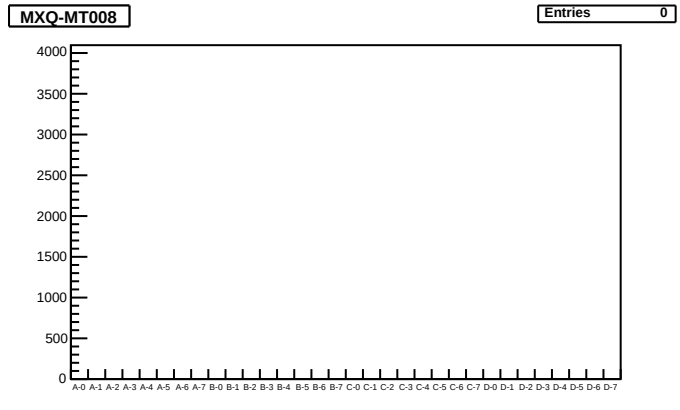

MXQ-MT003
Entries 1.125888e+08

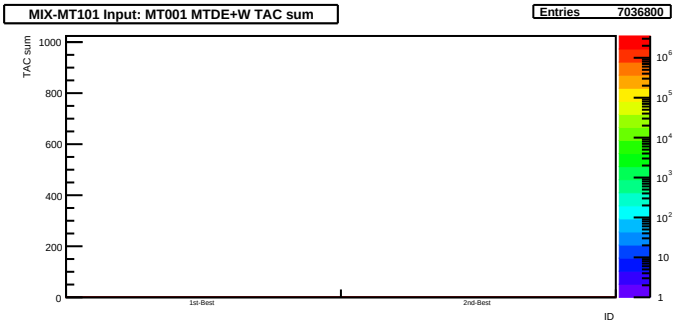

MXQ-MT004
Entries 1.125888e+08

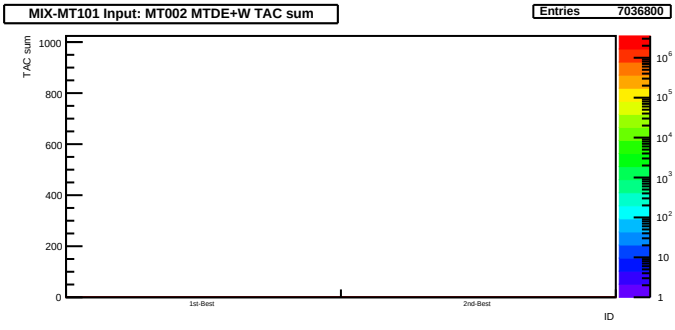

MXQ-MT005
Entries 1.125888e+08

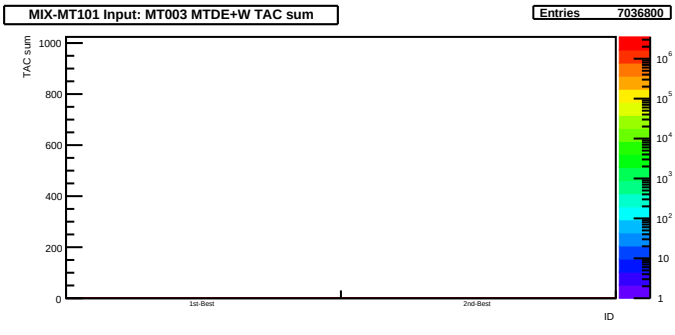

MXQ-MT006
Entries 0

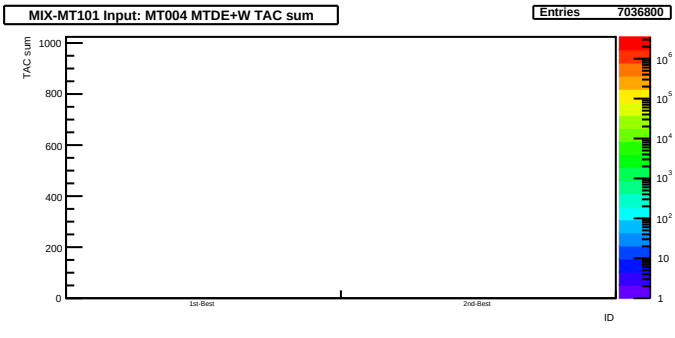

MXQ-MT007
Entries 0

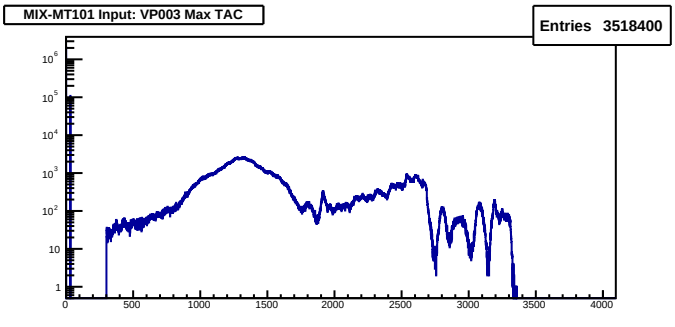

MXQ-MT008
Entries 0

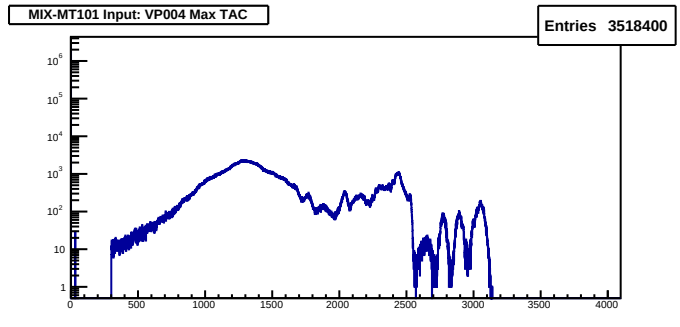

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID

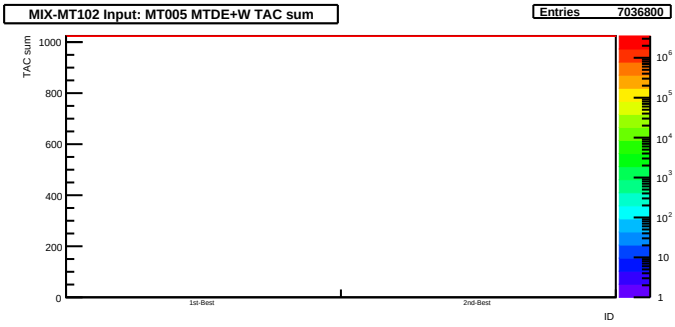

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID

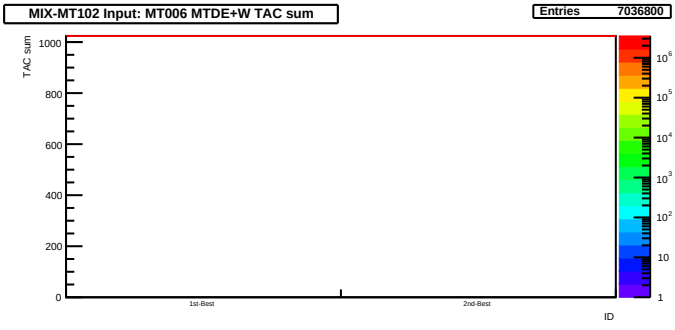

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID

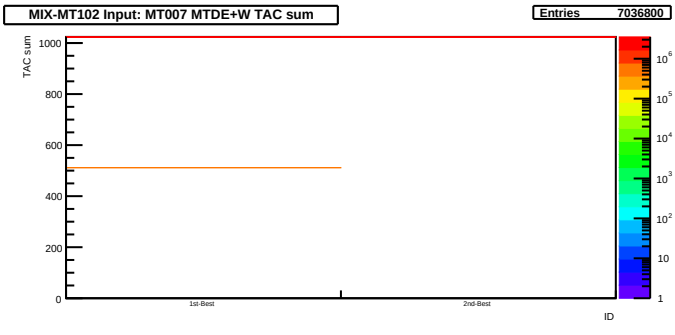

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID

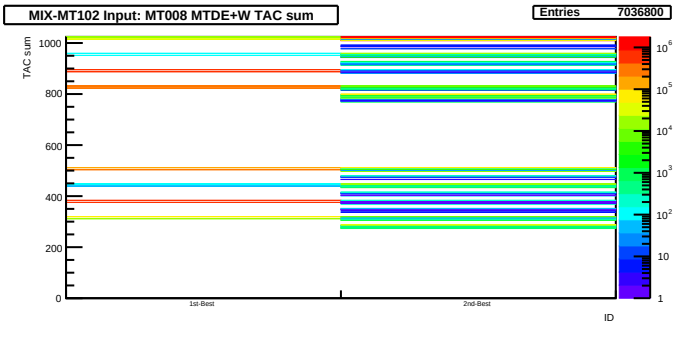

MIX-MT101 Input: VP003 Max TAC
Entries 3518400

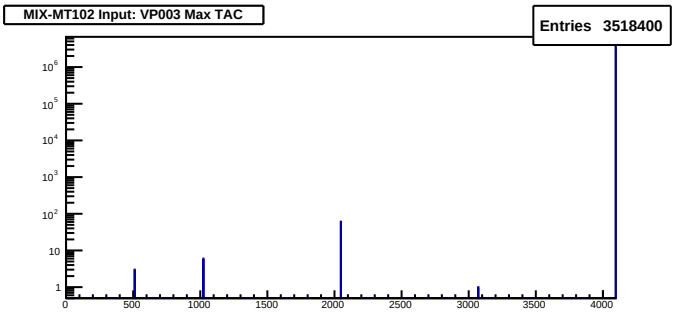

MIX-MT101 Input: VP004 Max TAC
Entries 3518400

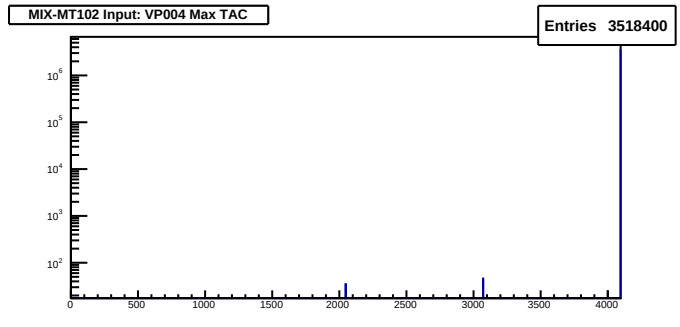

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID

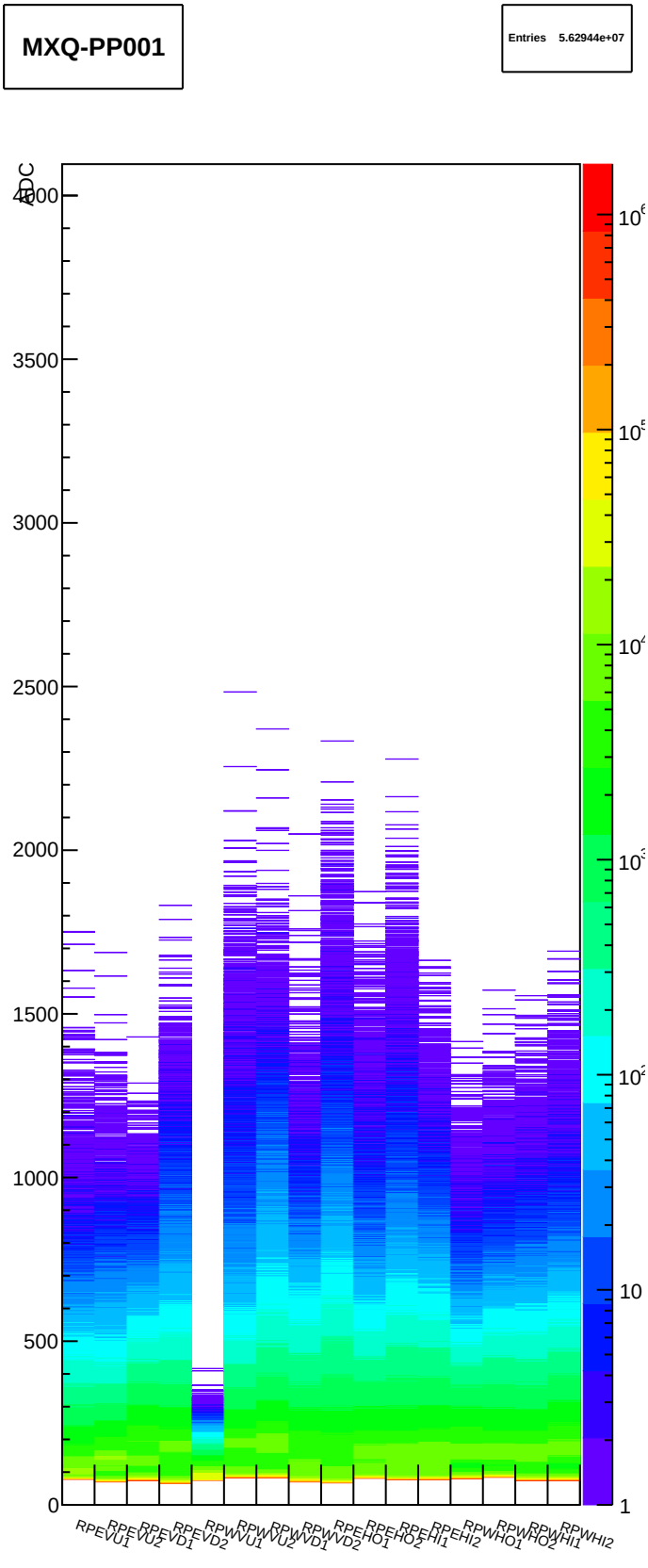

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 7036800
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 3518400


MIX-MT102 Input: VP004 Max TAC
Entries 3518400


MXQ-PP001
Entries 5.62944e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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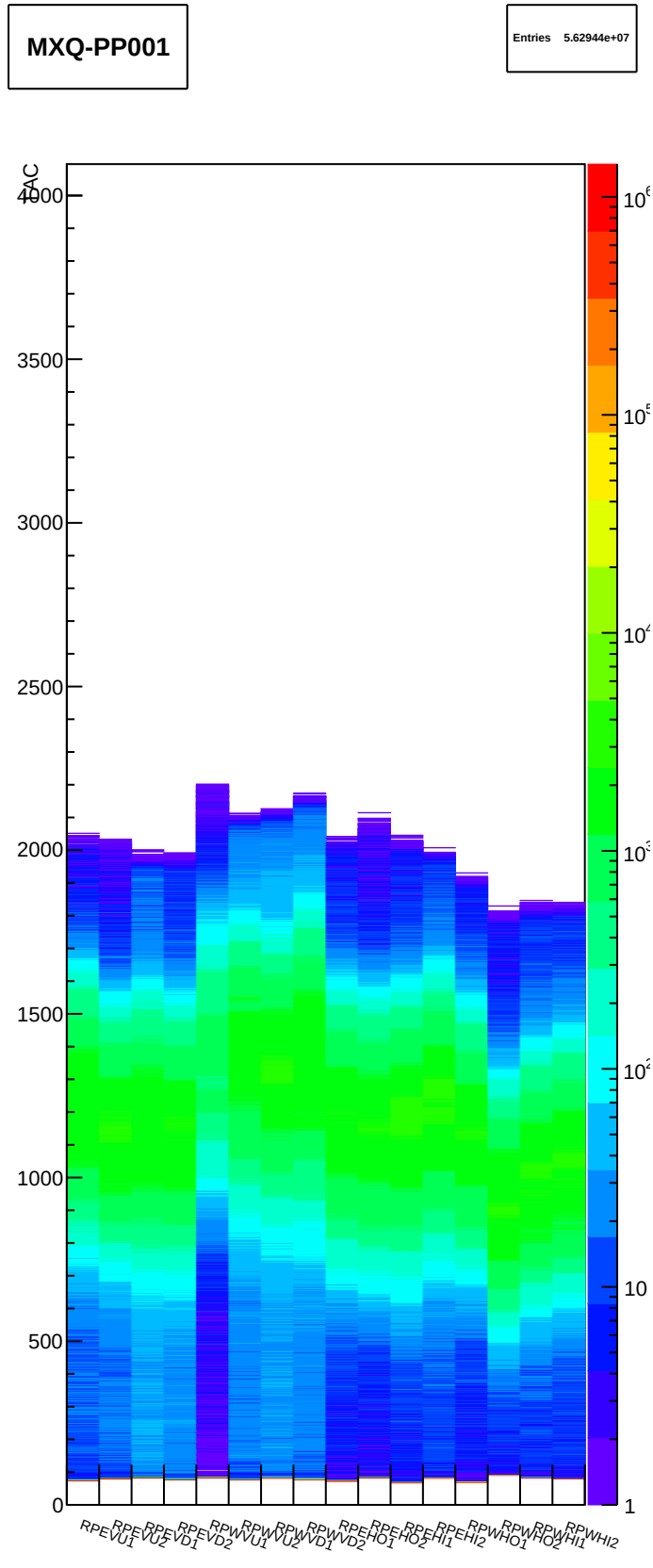
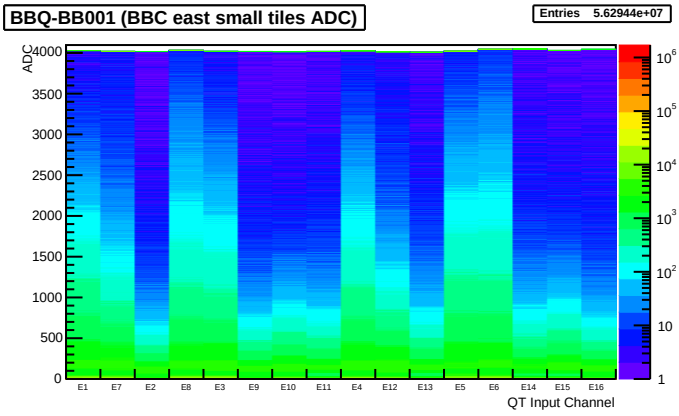
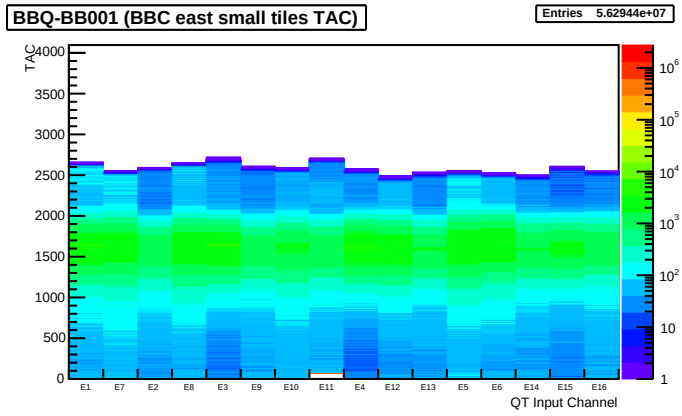
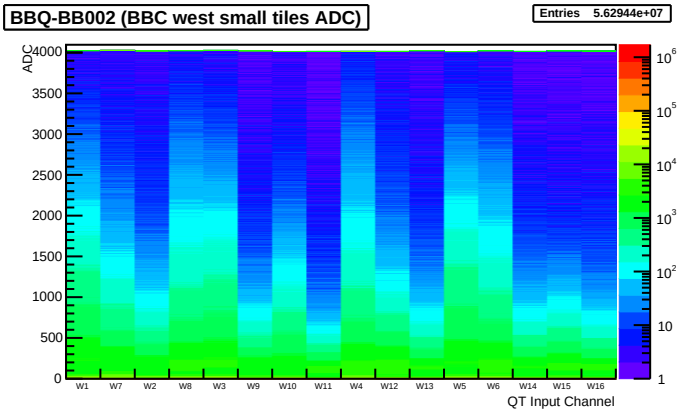
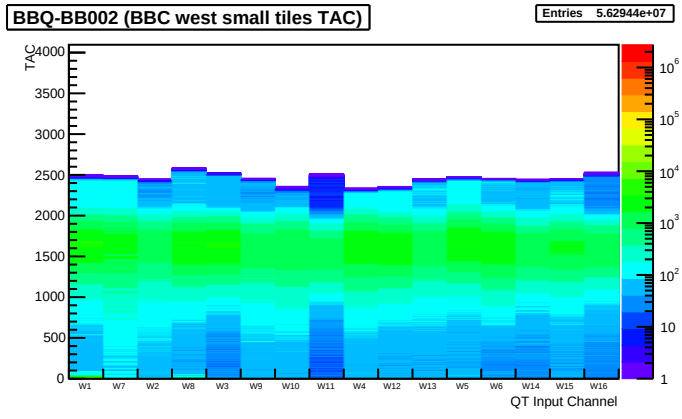
RPWHO2
RPWHI1
RPWHI2
1
10

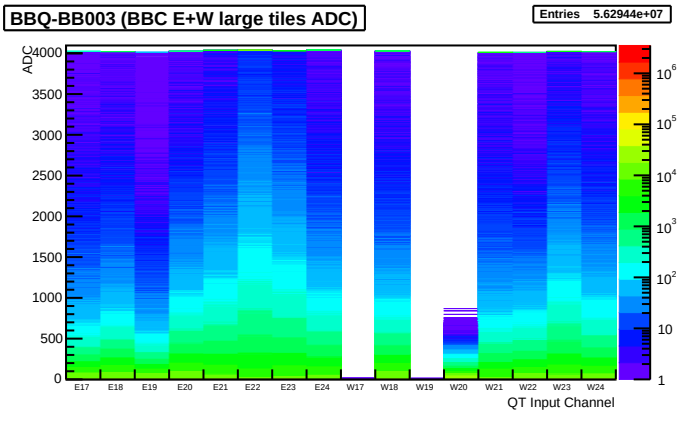

MXQ-PP001
Entries 5.62944e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

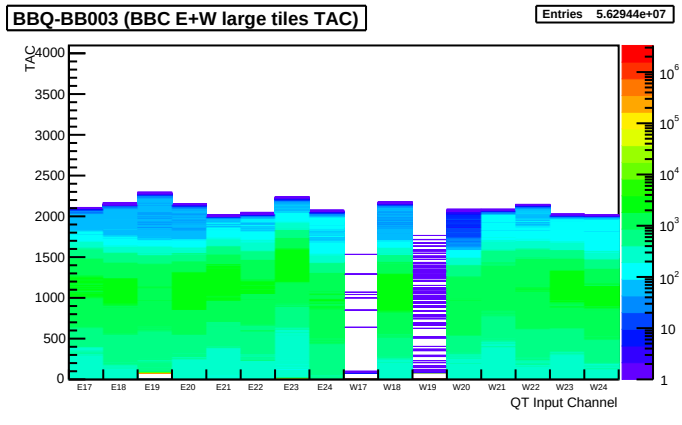

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.62944e+07
ADC
QT Input Channel

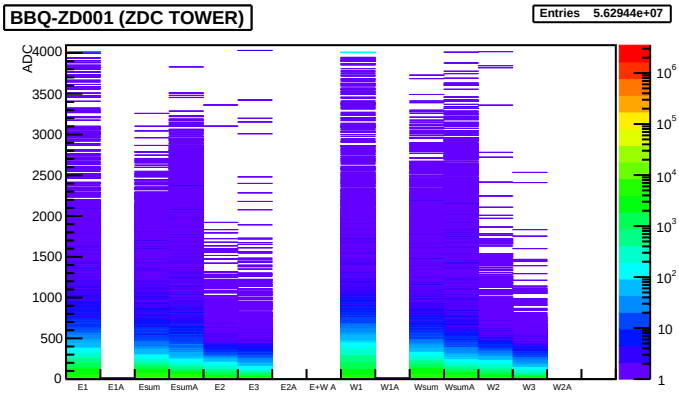

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.62944e+07
TAC
QT Input Channel

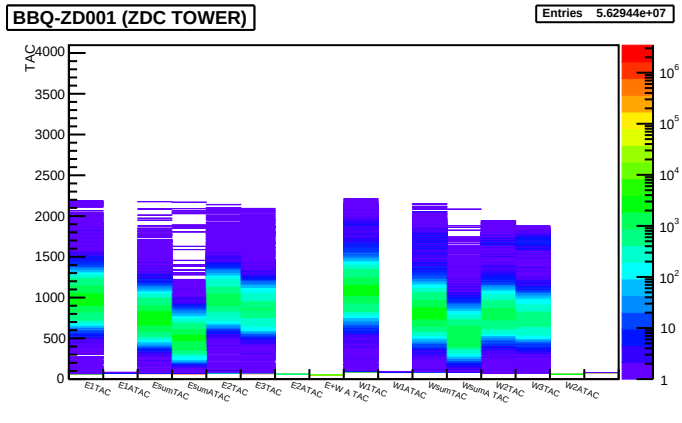

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.62944e+07
ADC
QT Input Channel

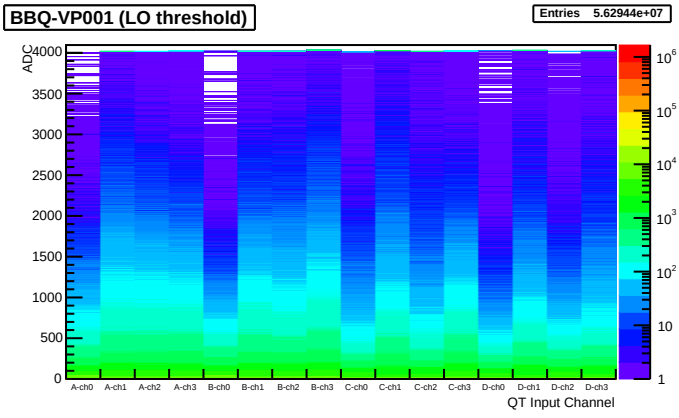

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.62944e+07
TAC
QT Input Channel

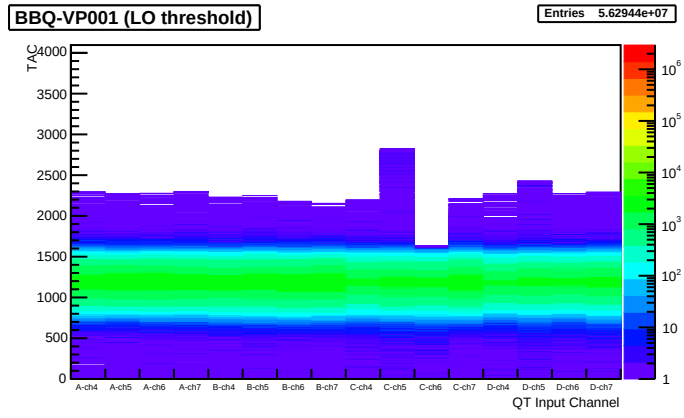

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.62944e+07
ADC
QT Input Channel

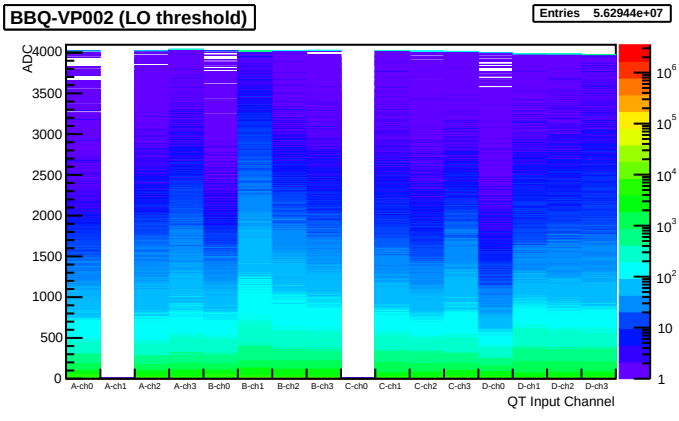

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.62944e+07
TAC
QT Input Channel

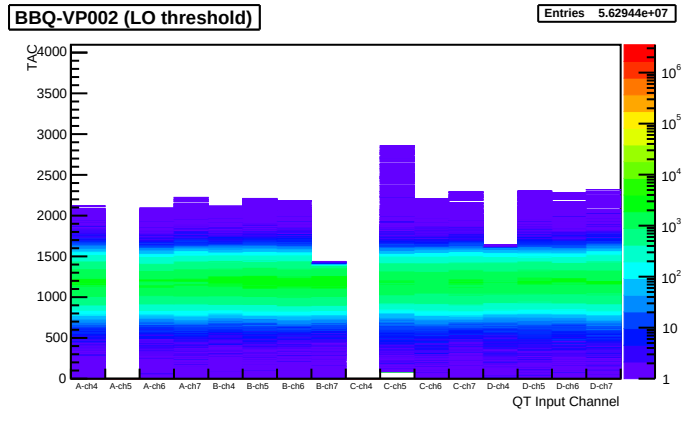

BBQ-ZD001 (ZDC TOWER)
Entries 5.62944e+07
ADC

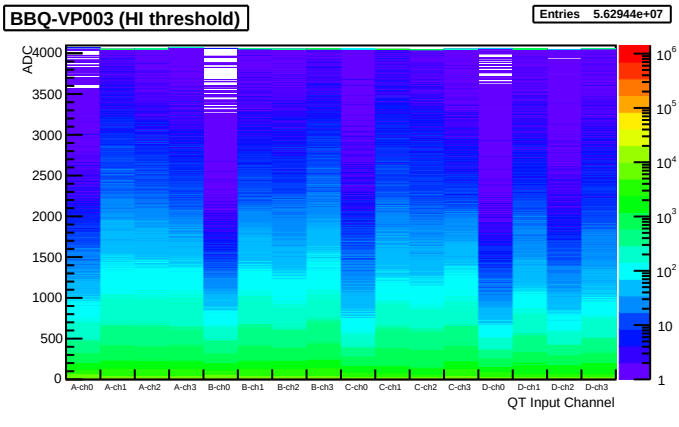

BBQ-ZD001 (ZDC TOWER)
Entries 5.62944e+07
TAC

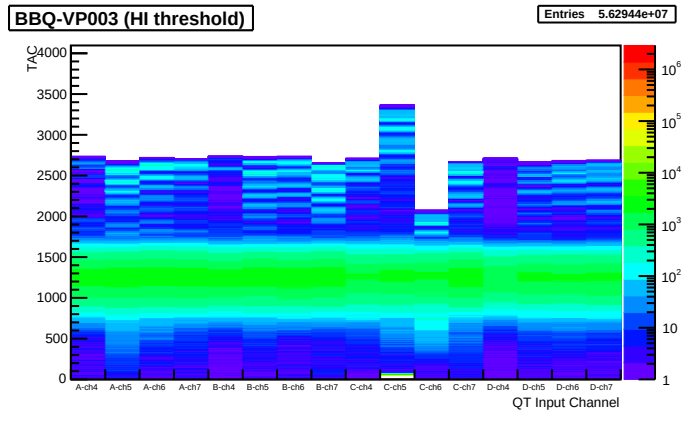

BBQ-VP001 (LO threshold)
Entries 5.62944e+07
ADC
QT Input Channel

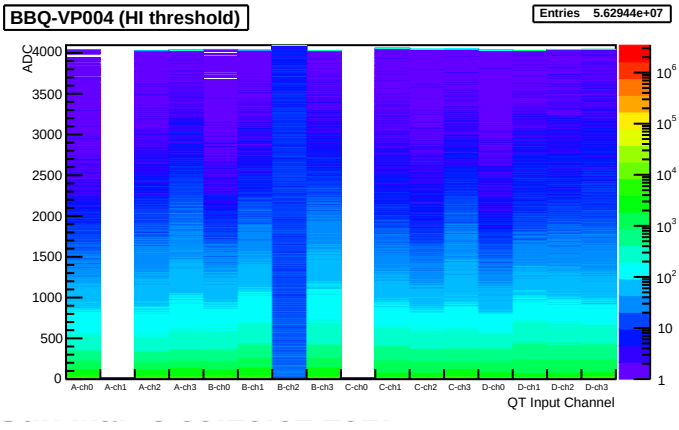

BBQ-VP001 (LO threshold)
Entries 5.62944e+07
TAC
QT Input Channel

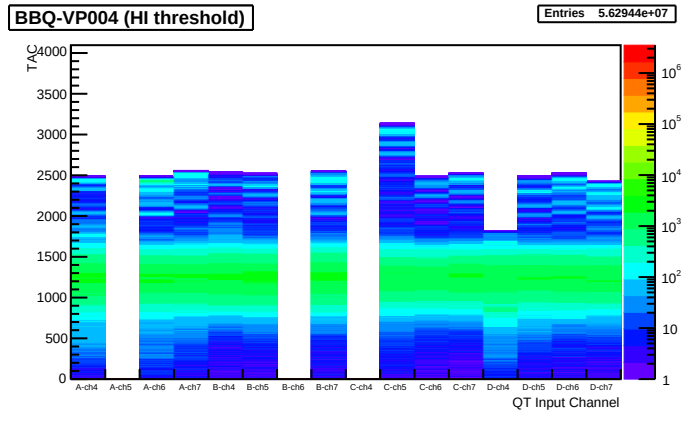

BBQ-VP002 (LO threshold)
Entries 5.62944e+07
ADC
QT Input Channel

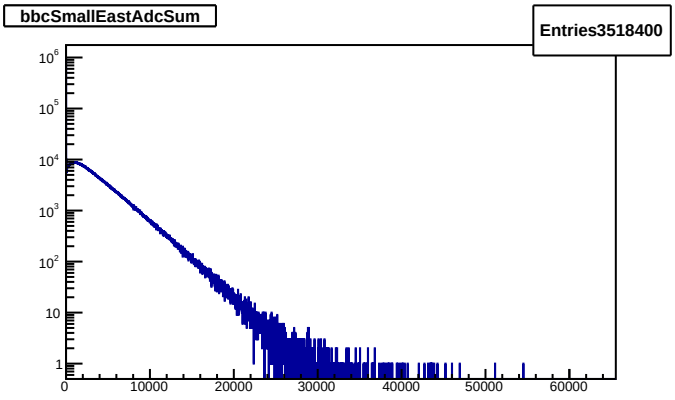

BBQ-VP002 (LO threshold)
Entries 5.62944e+07
TAC
QT Input Channel

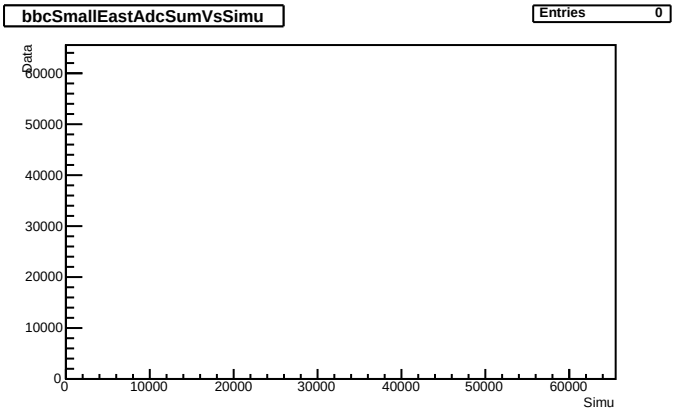

BBQ-VP003 (HI threshold)
Entries 5.62944e+07
ADC
QT Input Channel

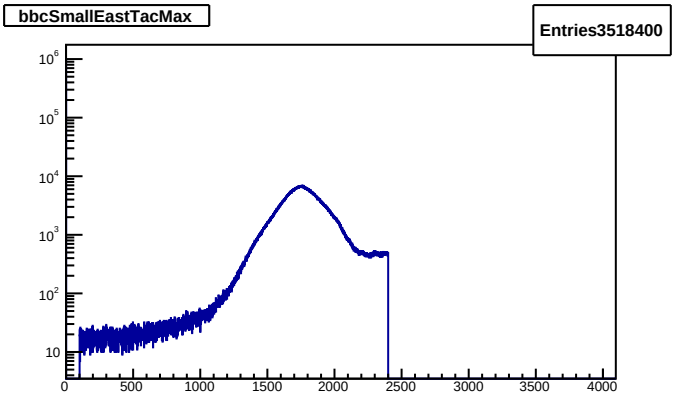

BBQ-VP003 (HI threshold)
Entries 5.62944e+07
TAC
QT Input Channel

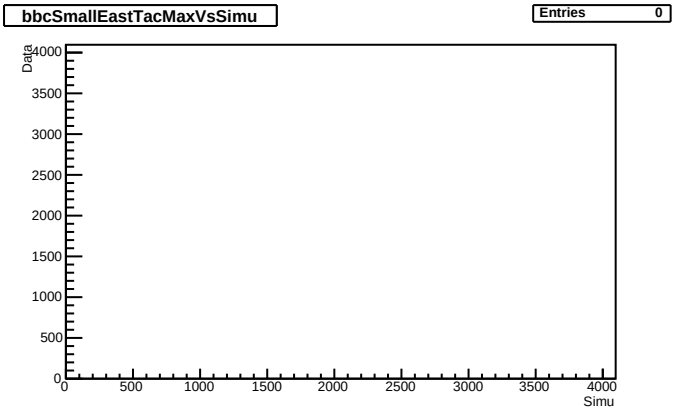

BBQ-VP004 (HI threshold)
Entries 5.62944e+07
ADC
QT Input Channel

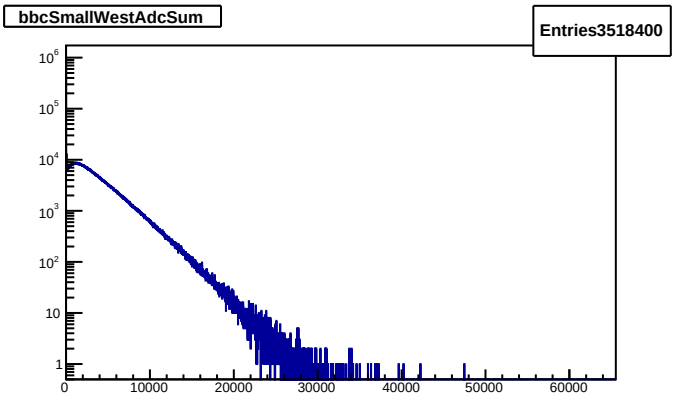

BBQ-VP004 (HI threshold)
Entries 5.62944e+07
TAC
QT Input Channel

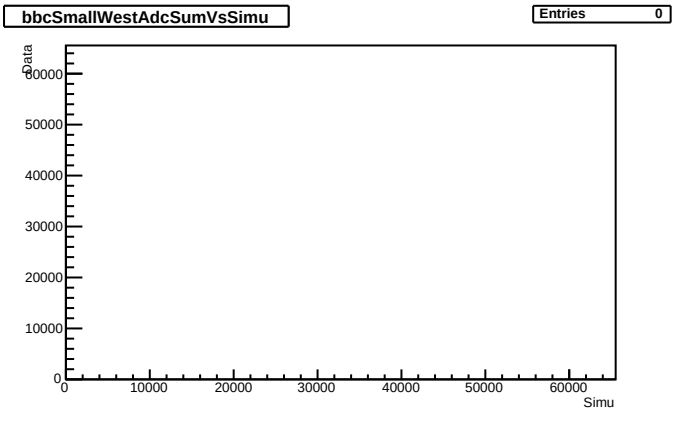

bbcSmallEastAdcSum
Entries3518400

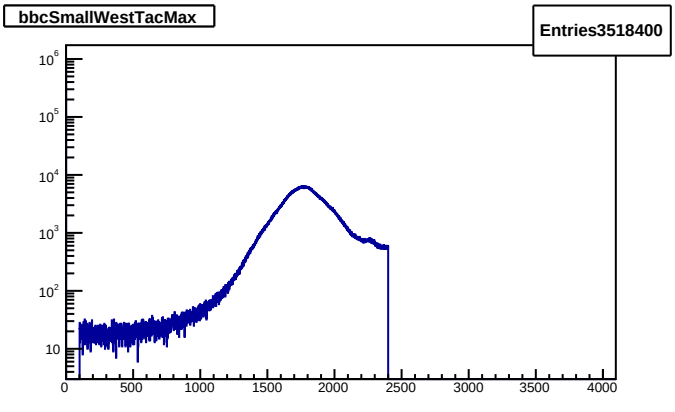

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

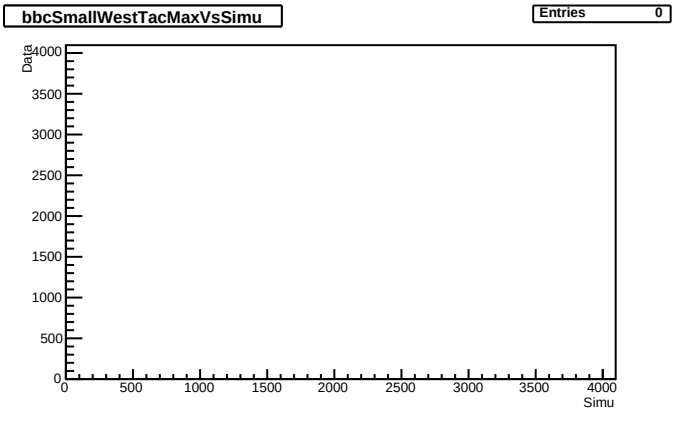

bbcSmallEastTacMax
Entries3518400

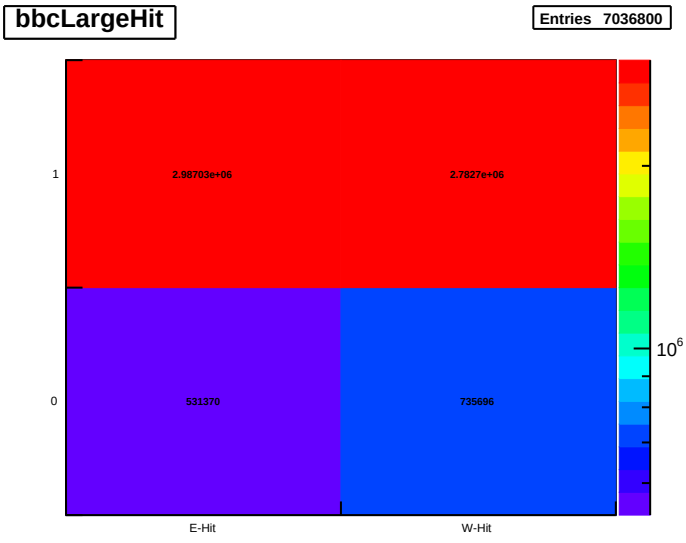

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

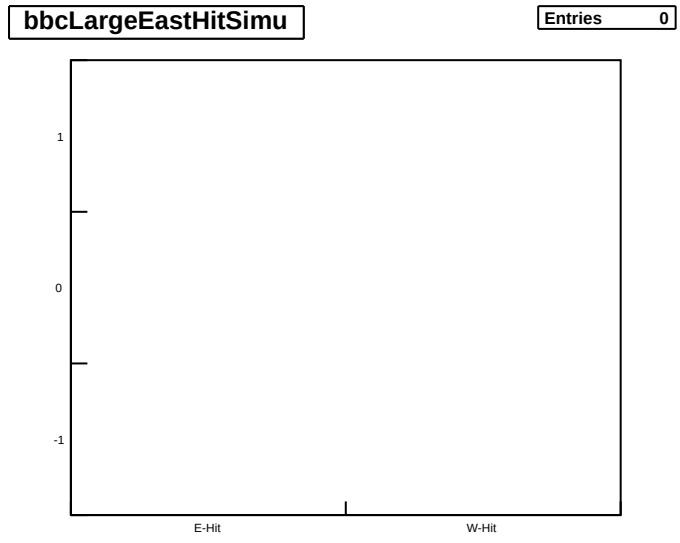

bbcSmallWestAdcSum
Entries3518400

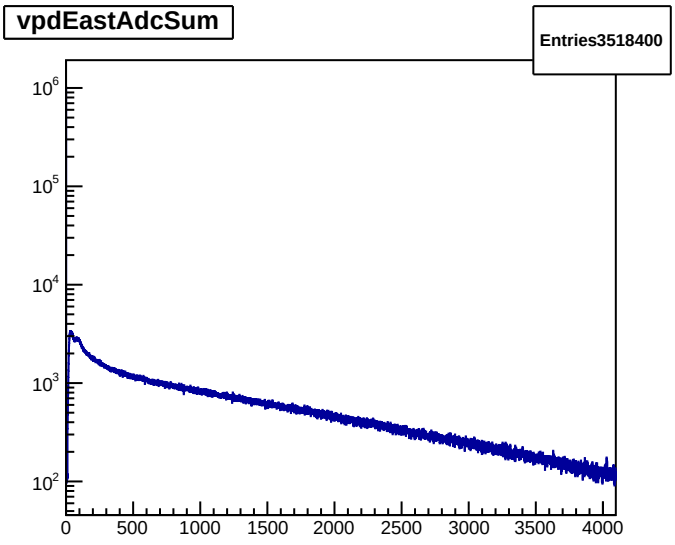

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

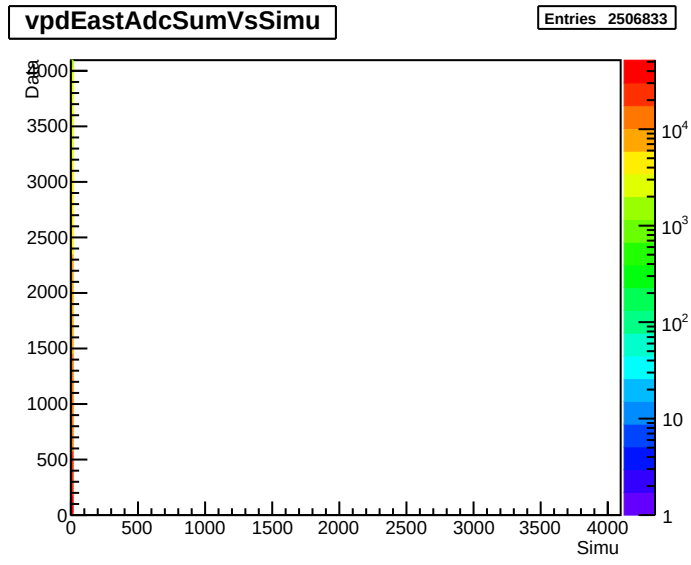

bbcSmallWestTacMax
Entries3518400

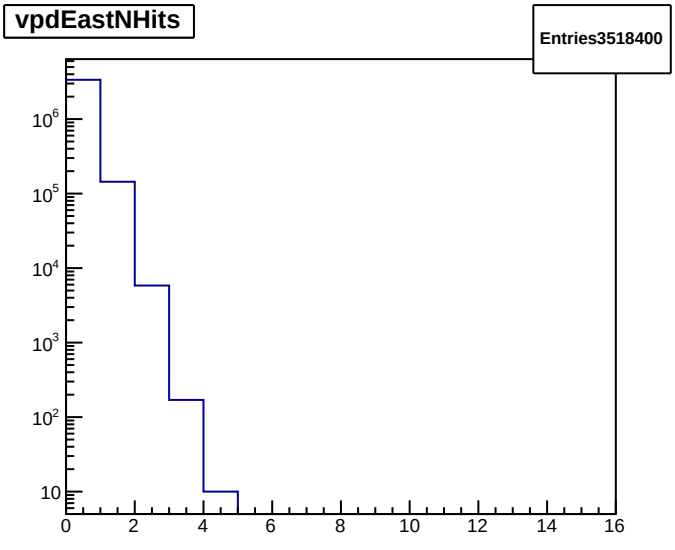

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

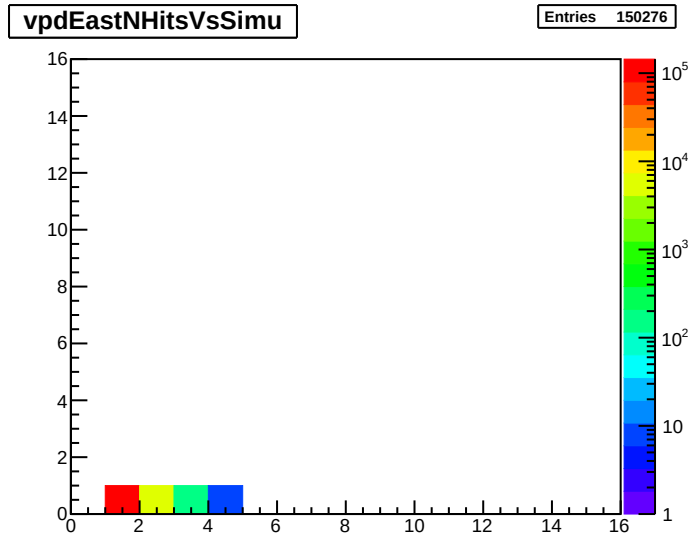

bbcLargeHit
Entries 7036800
1
0
2.98703e+06
2.7827e+06
531370
735696
E-Hit
W-Hit
10^6

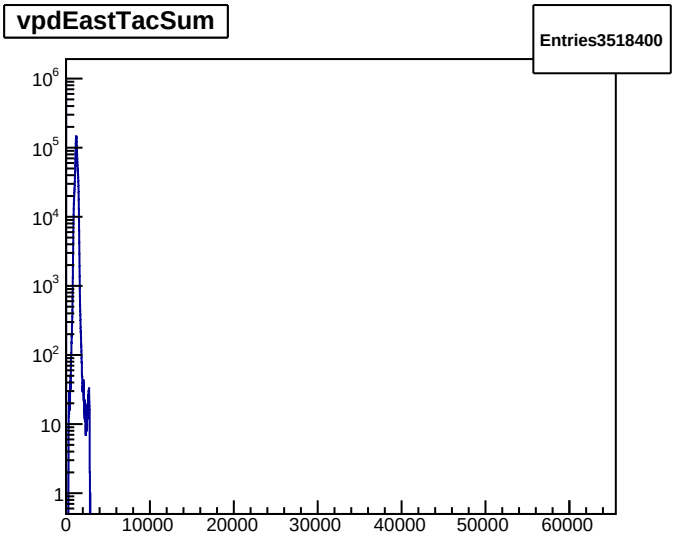

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

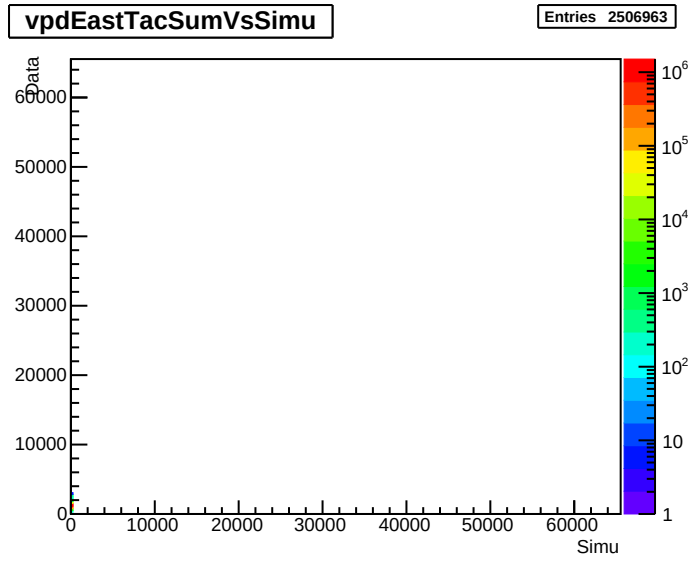

vpdEastAdcSum
Entries3518400

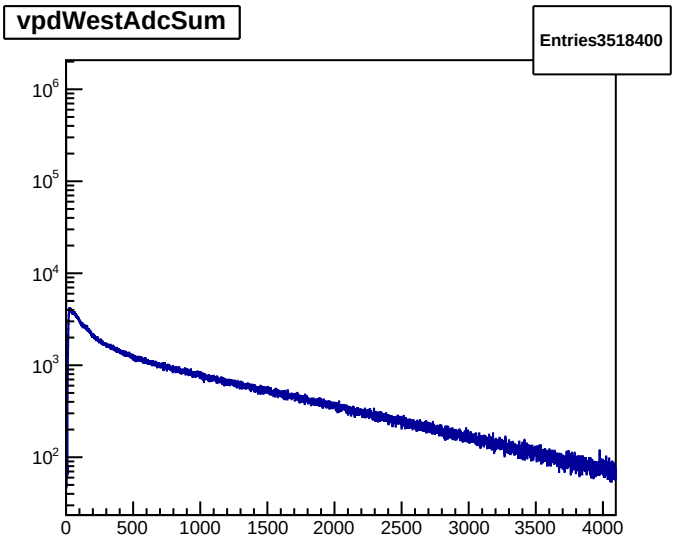

vpdEastAdcSumVsSimu
Entries 2506833
Data
Simu

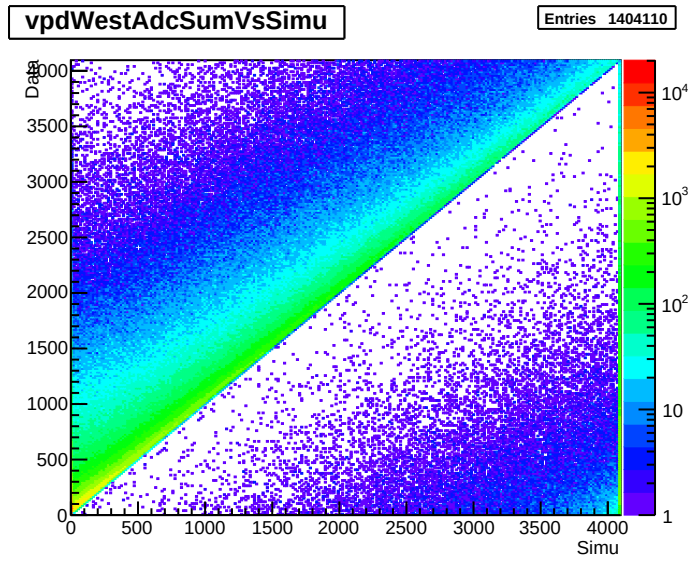

vpdEastNHits
Entries3518400

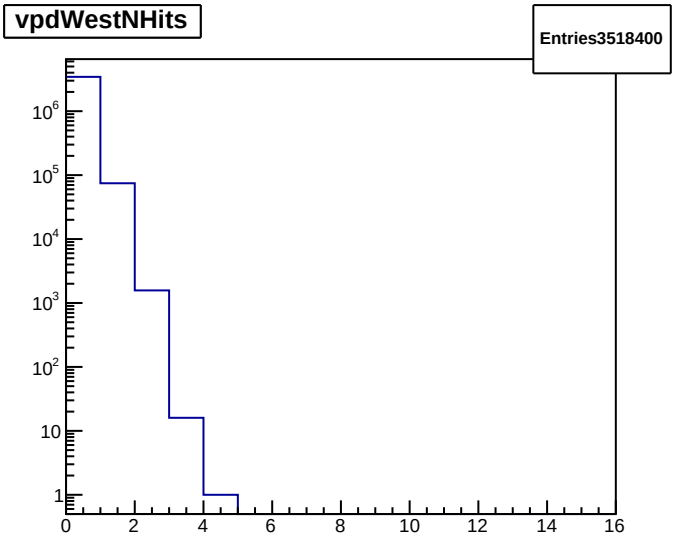

vpdEastNHitsVsSimu
Entries 150276

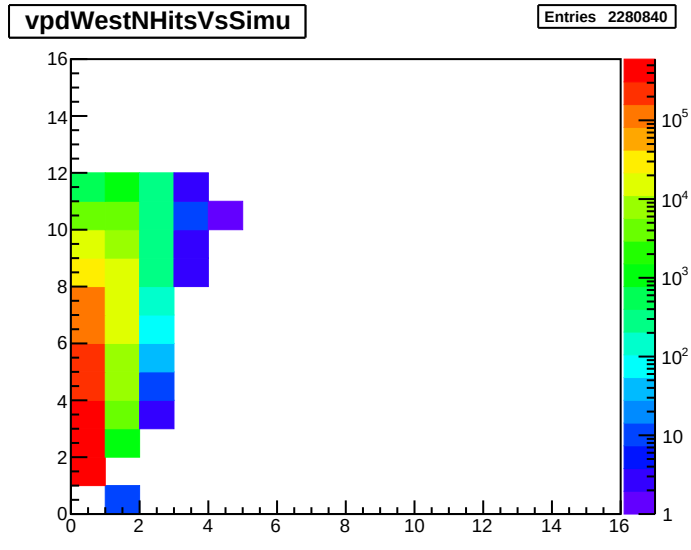

vpdEastTacSum
Entries3518400

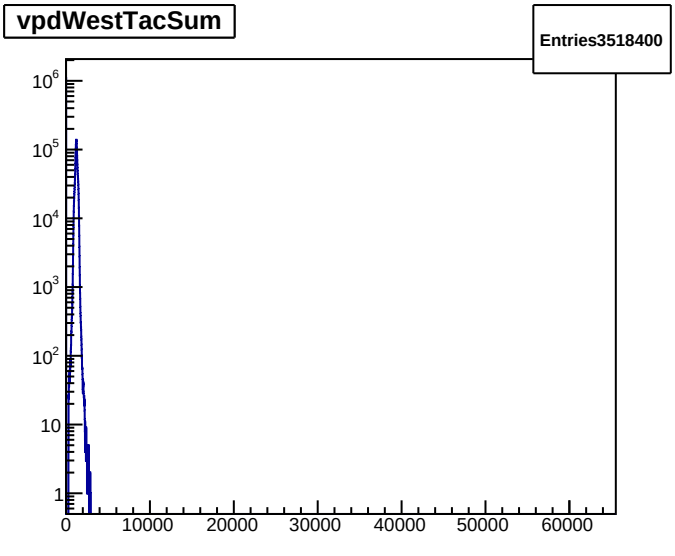

vpdEastTacSumVsSimu
Entries 2506963
Data
Simu

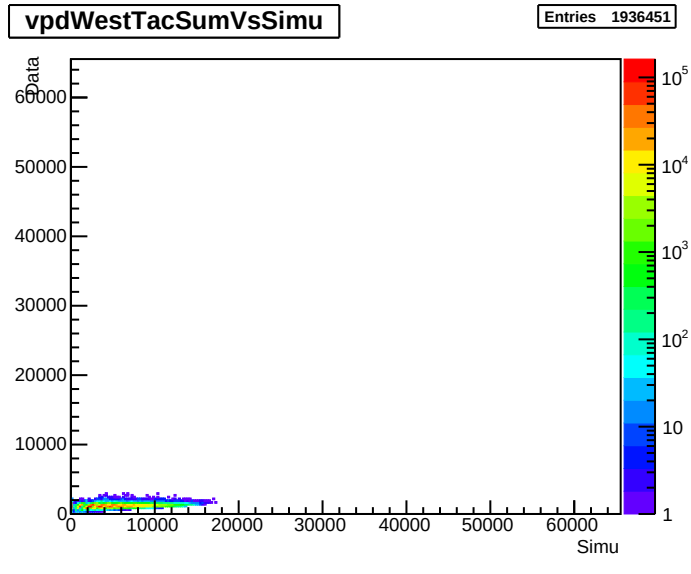

vpdWestAdcSum
Entries3518400

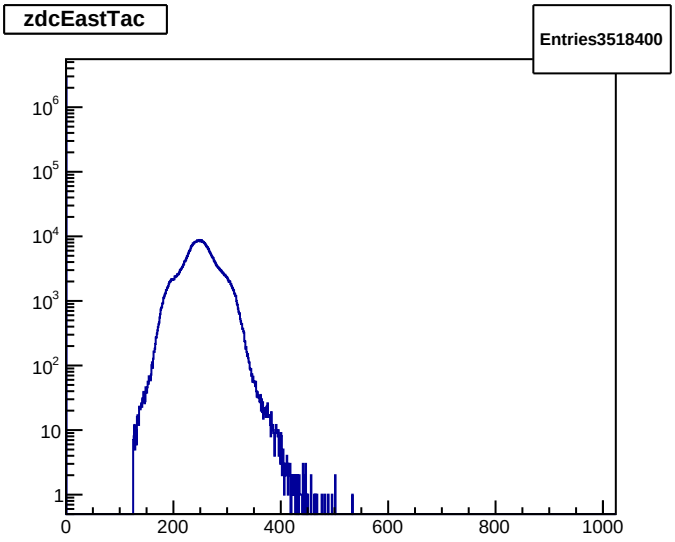

vpdWestAdcSumVsSimu
Entries 1404110
Data
Simu

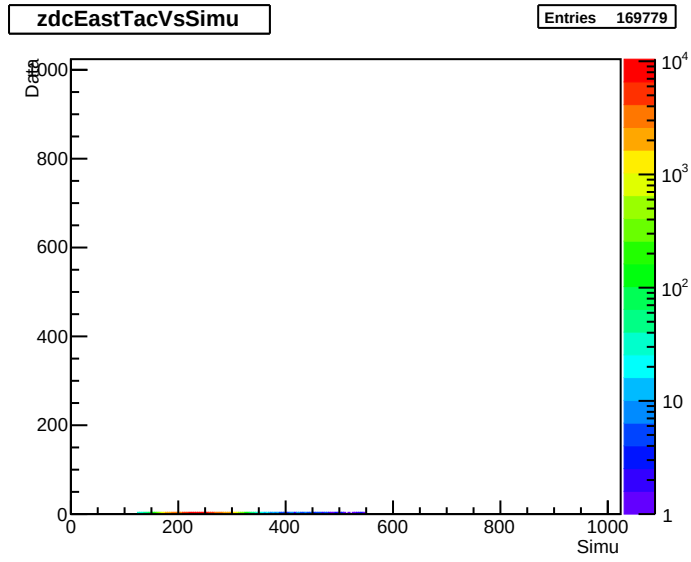

vpdWestNHits
Entries3518400

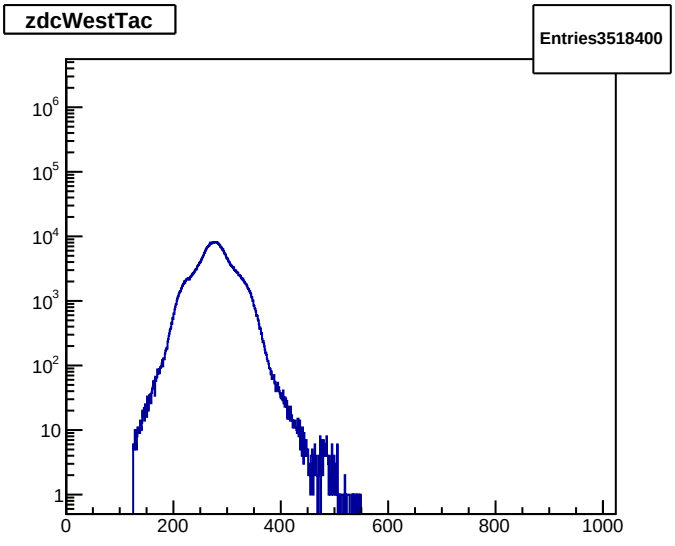

vpdWestNHitsVsSimu
Entries 2280840

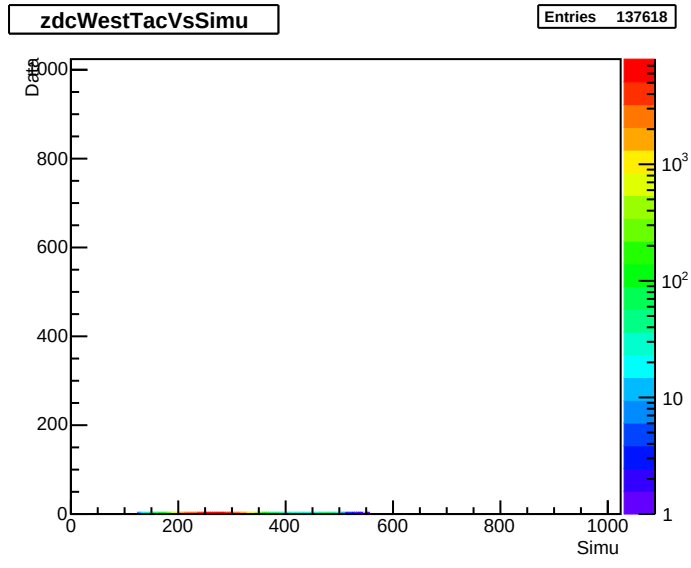

vpdWestTacSum
Entries3518400

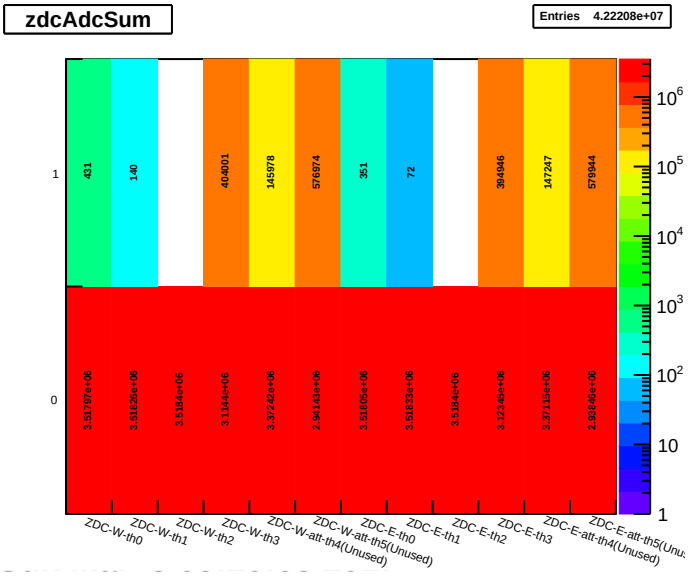

vpdWestTacSumVsSimu
Entries 1936451
Data
Simu

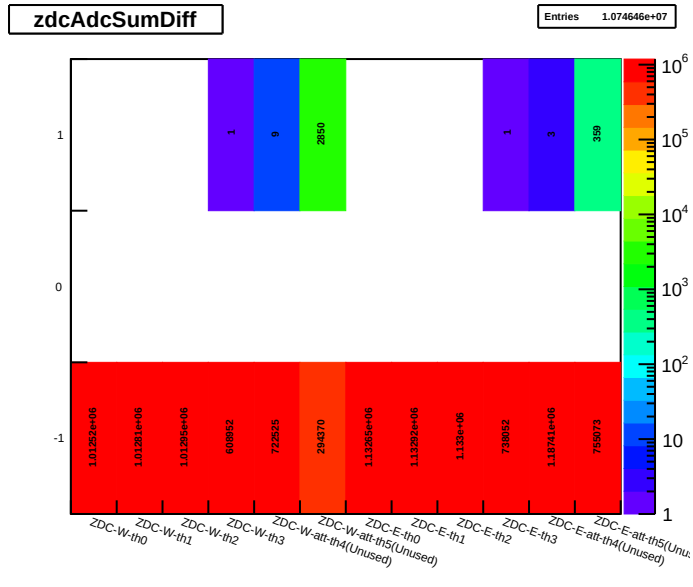

zdcEastTac
Entries3518400

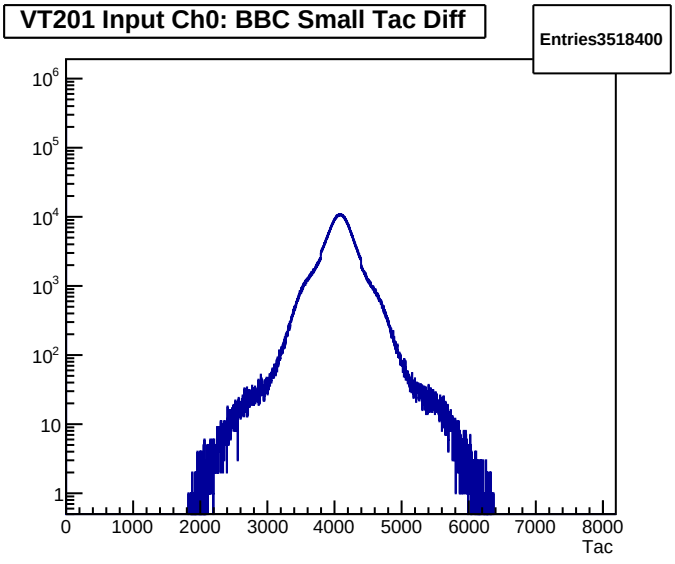

zdcEastTacVsSimu
Entries 169779
Data
Simu

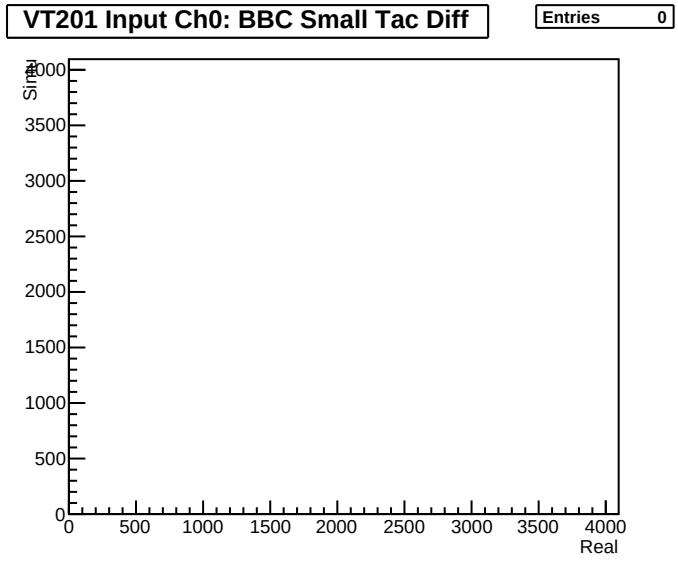

zdcWestTac
Entries3518400

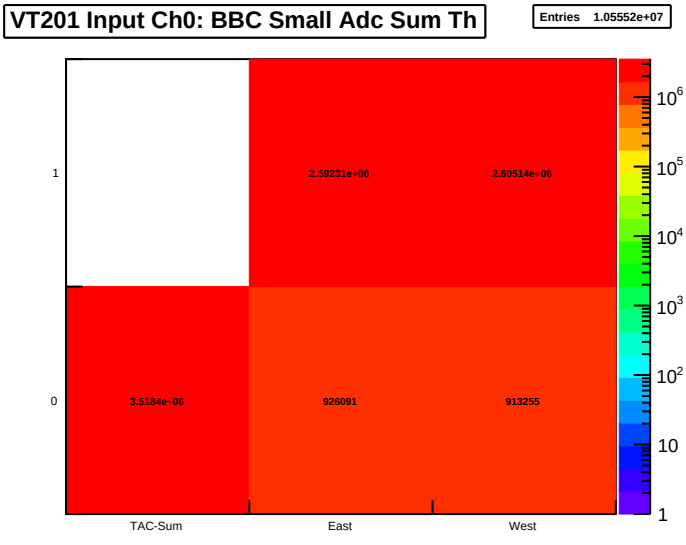

zdcWestTacVsSimu
Entries 137618
Data
Simu

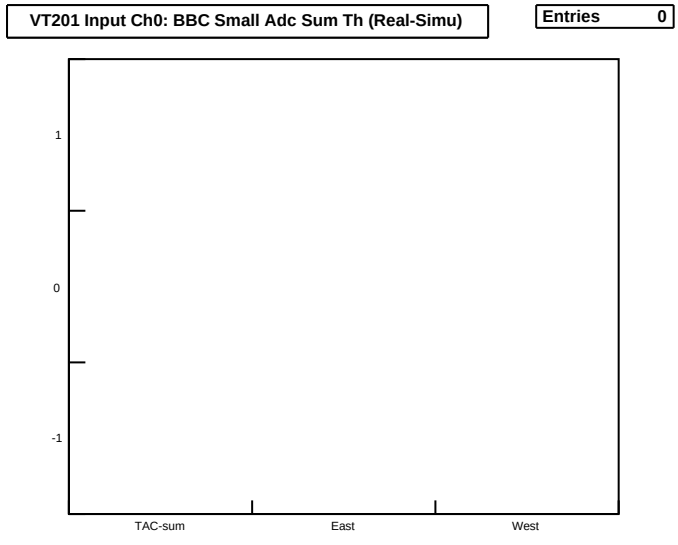

zdcAdcSum
Entries 4.22208e+07
431
140
404001
145978
576974
351
72
394946
147247
579944
3.51797e+06
3.51826e+06
3.5184e+06
3.1144e+06
3.37242e+06
2.94143e+06
3.51805e+06
3.51833e+06
3.5184e+06
3.12245e+06
3.37115e+06
2.93846e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

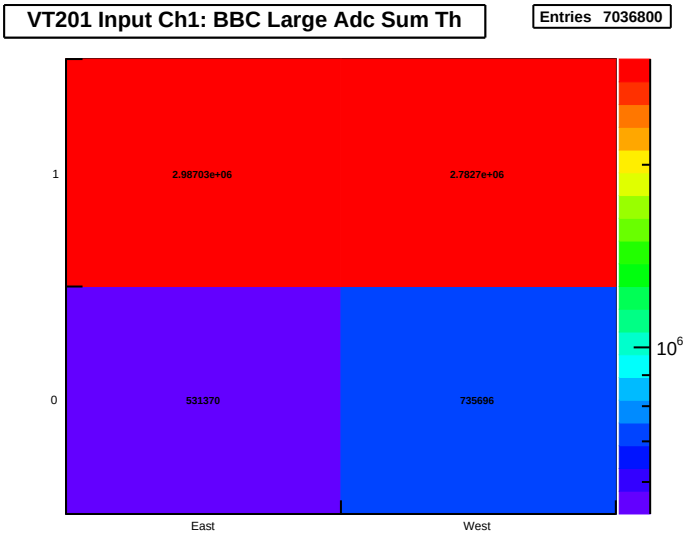

zdcAdcSumDiff
Entries 1.074646e+07
1
9
2850
1
3
359
1.01252e+06
1.01281e+06
1.01295e+06
608952
722525
294370
1.13255e+06
1.13292e+06
1.133e+06
738052
1.13741e+06
755073
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

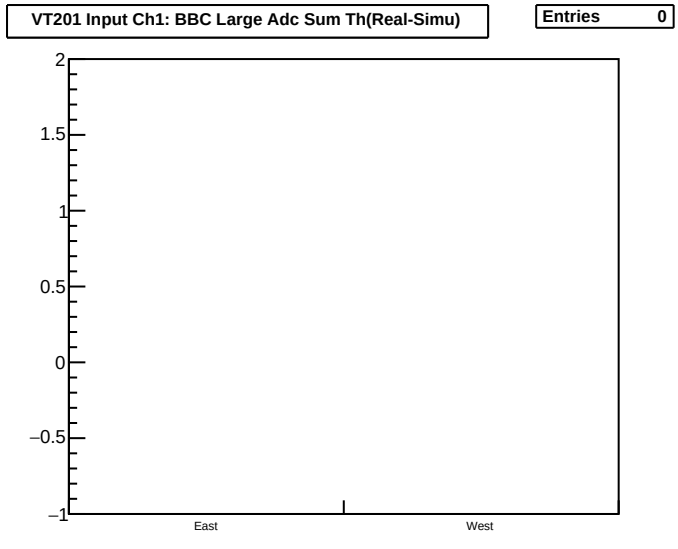

VT201 Input Ch0: BBC Small Tac Diff
Entries3518400
Tac


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

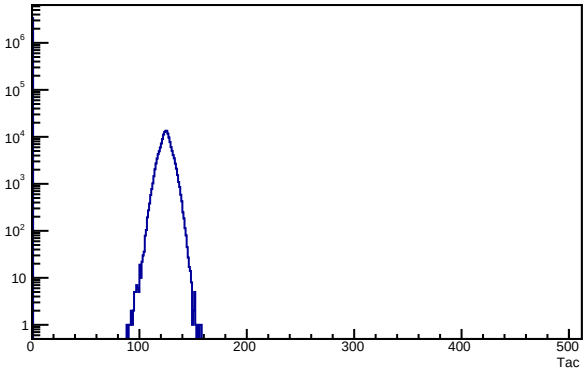

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.05552e+07
2.59231e+06
2.60514e+06
3.5184e+06
926091
913255
TAC-Sum
East
West


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

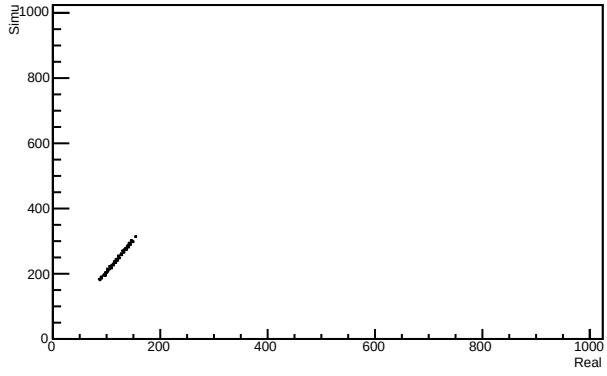

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7036800
2.98703e+06
2.7827e+06
531370
735696
East
West


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

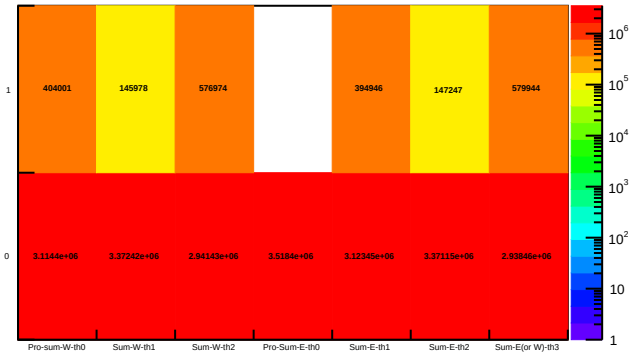
VT201 Input Ch2: ZDC Tac Diff



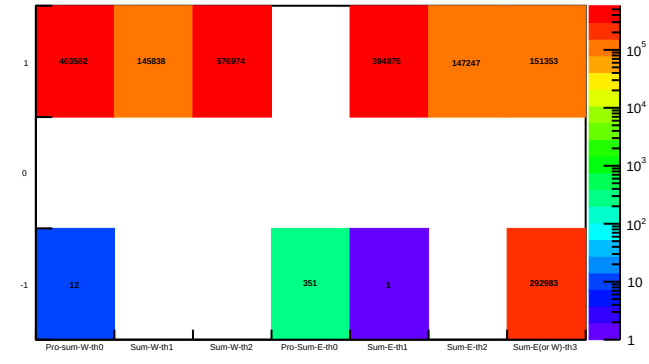
VT201 Input Ch2: ZDC Tac Diff



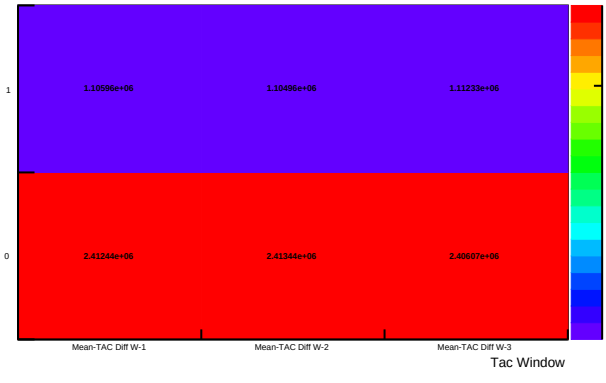
VT201 Input Ch2: ZDC Adc Sum Th



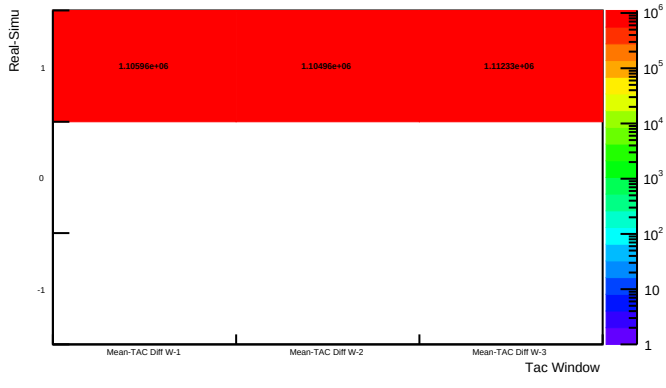
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



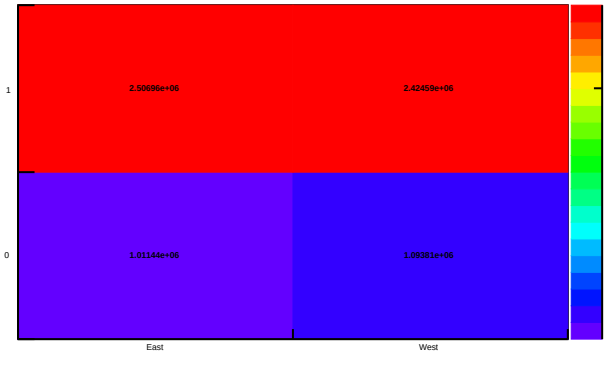
VT201 Input Ch4: VPD Tac Diff



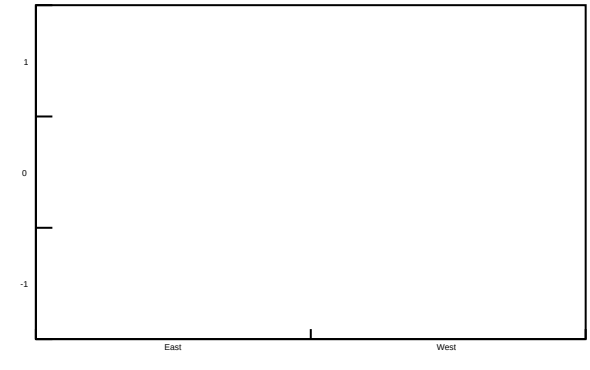
VT201 Input Ch4: VPD Tac Diff

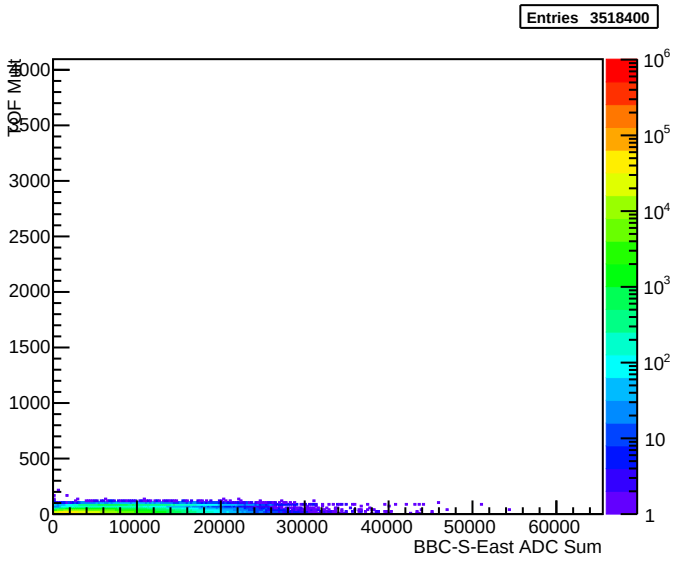


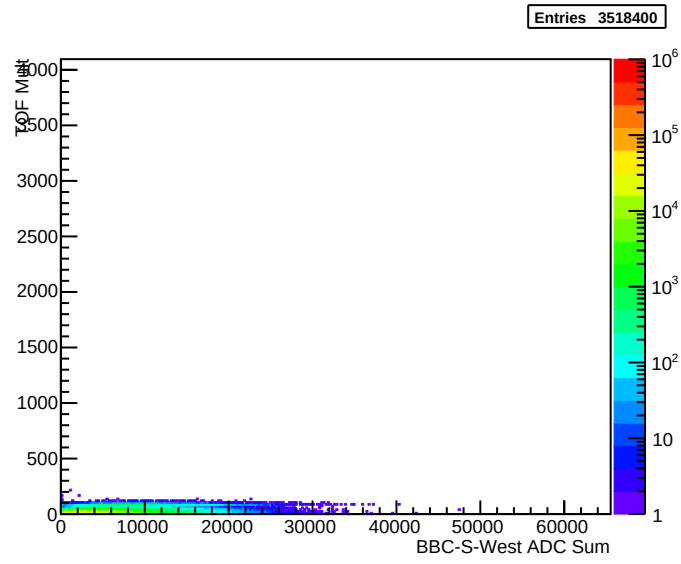
VT201 Input Ch4: VPD Adc Sum Th

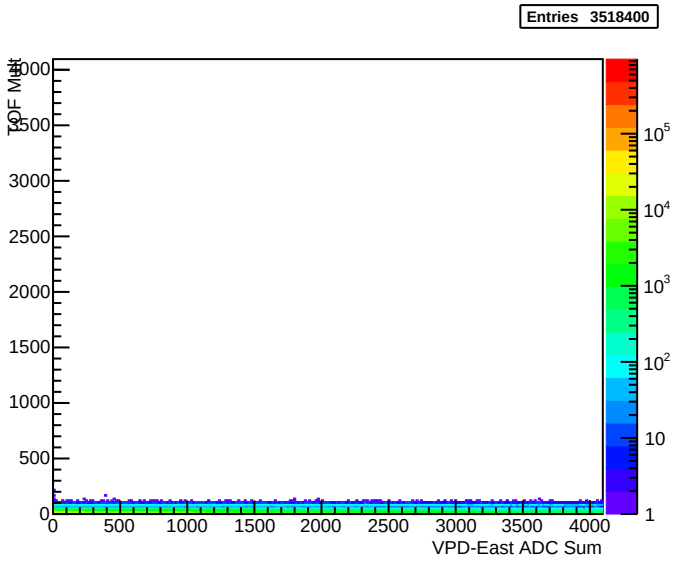


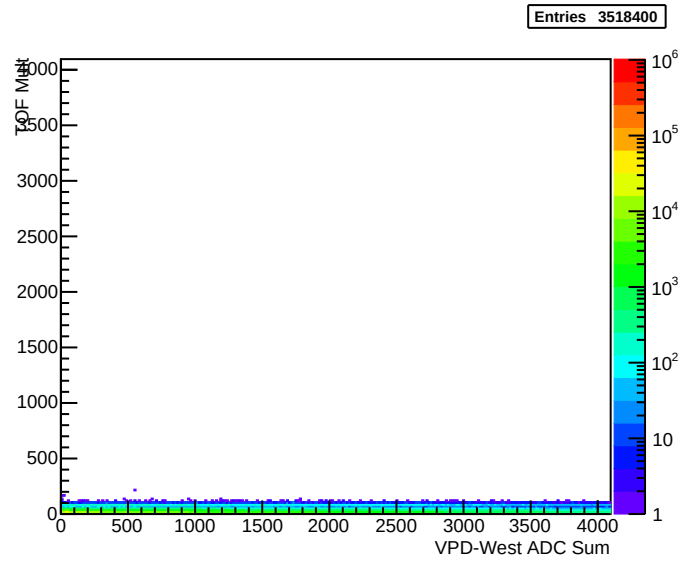
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

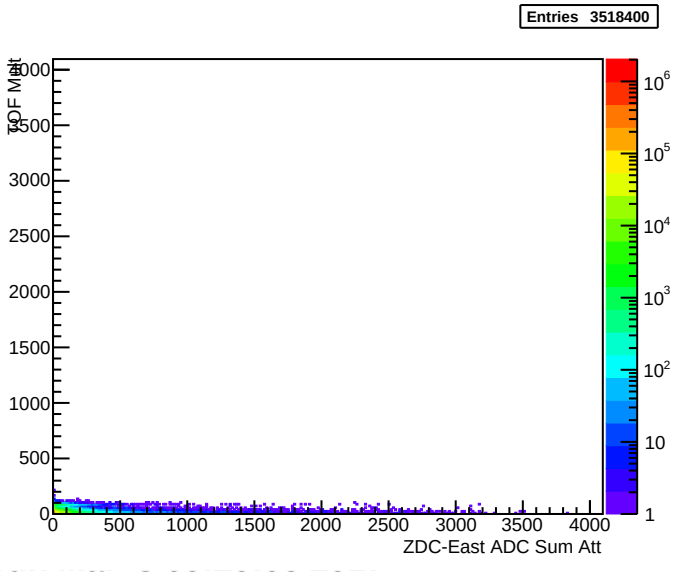


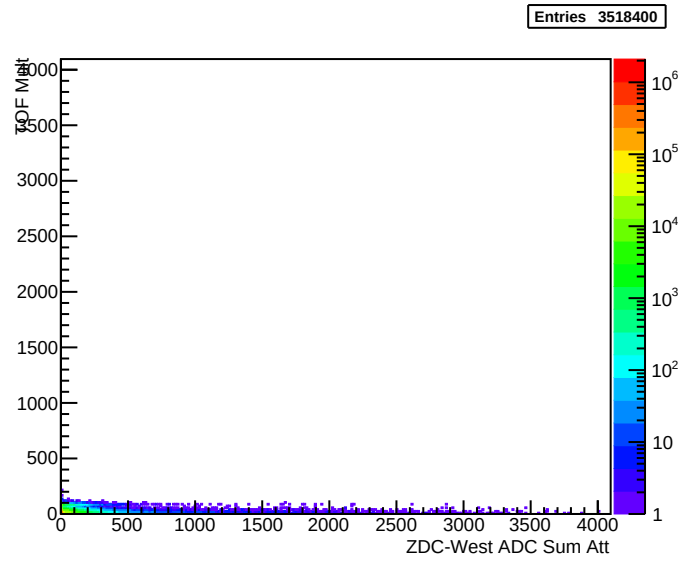

Entries 3518400
TOF Mult
BBC-S-East ADC Sum

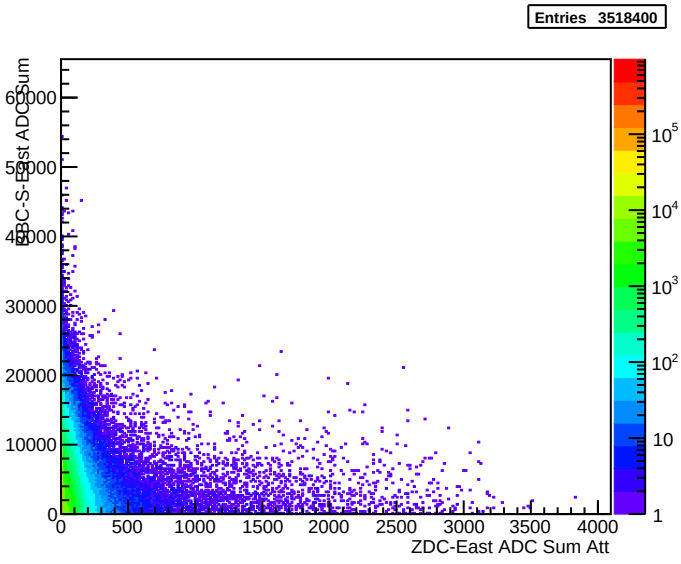

Entries 3518400
TOF Mult
BBC-S-West ADC Sum

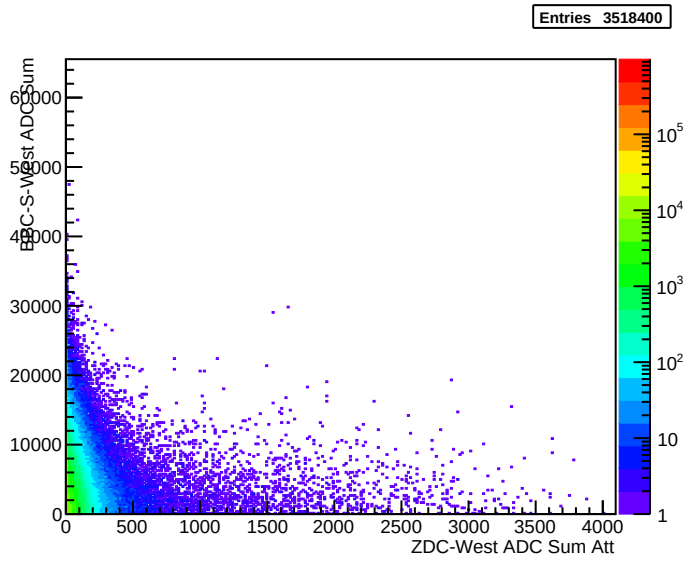

Entries 3518400
TOF Mult
VPD-East ADC Sum

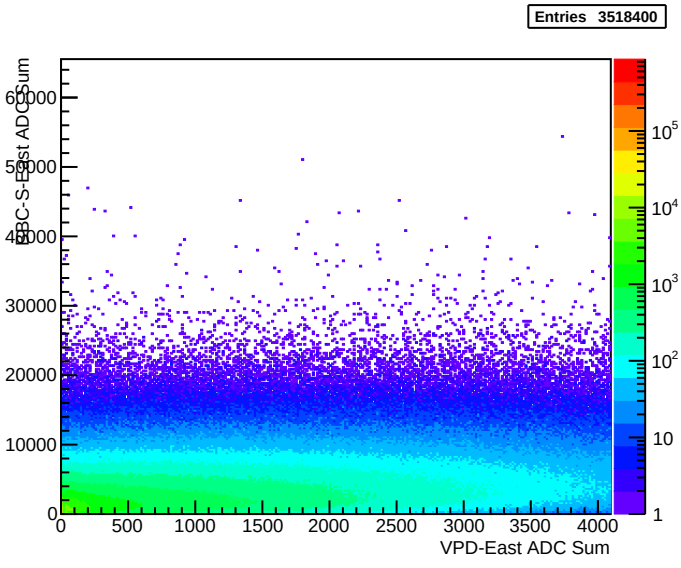

Entries 3518400
TOF Mult
VPD-West ADC Sum

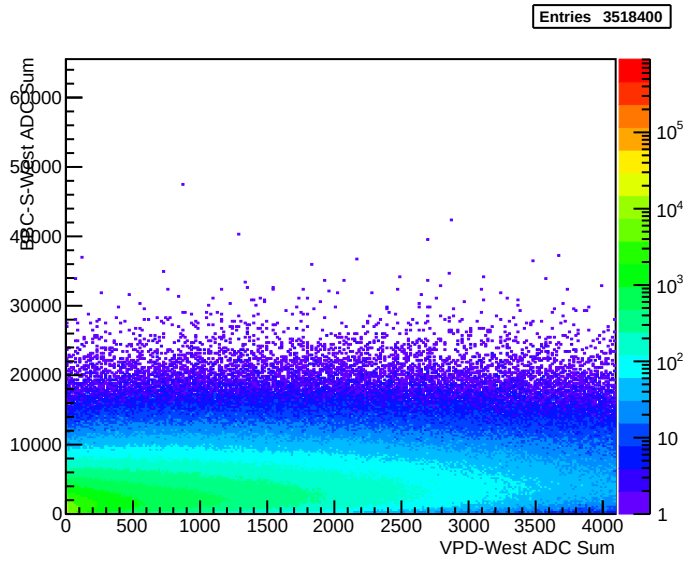

Entries 3518400
TOF Mult
ZDC-East ADC Sum Att

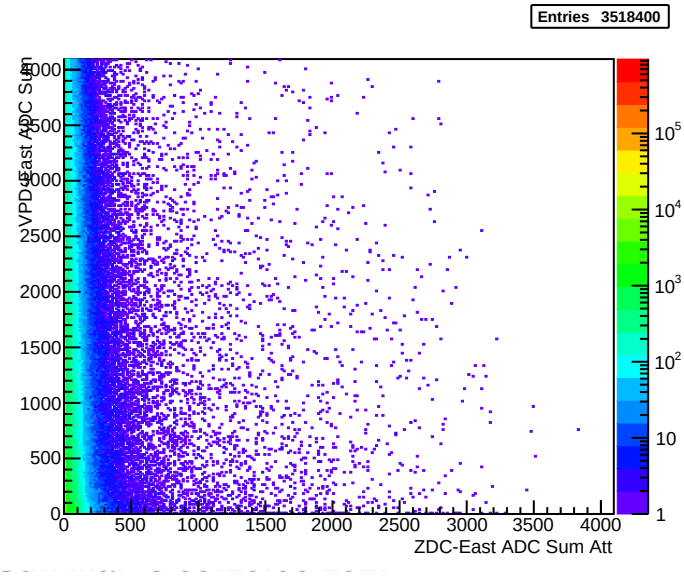

Entries 3518400
TOF Mult
ZDC-West ADC Sum Att

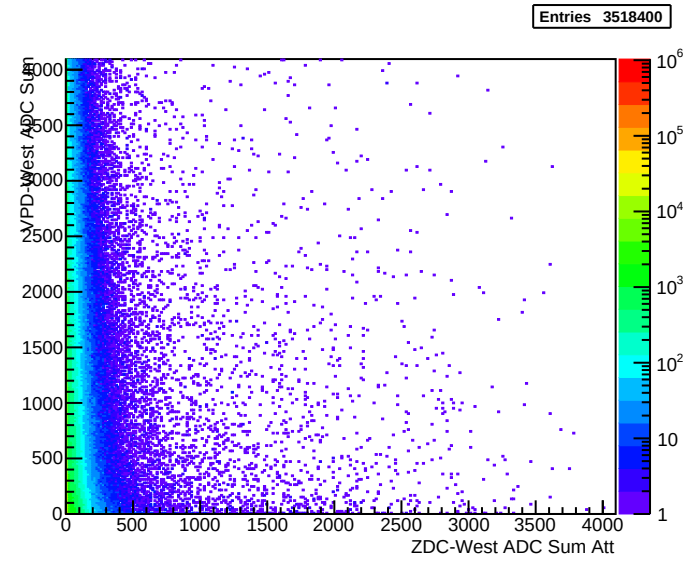

Entries 3518400
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

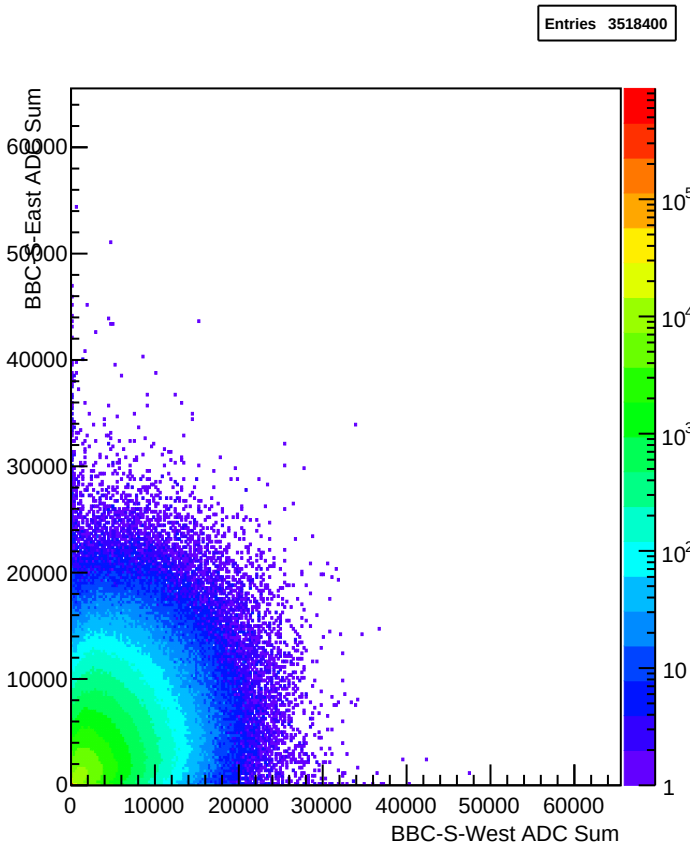

Entries 3518400
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

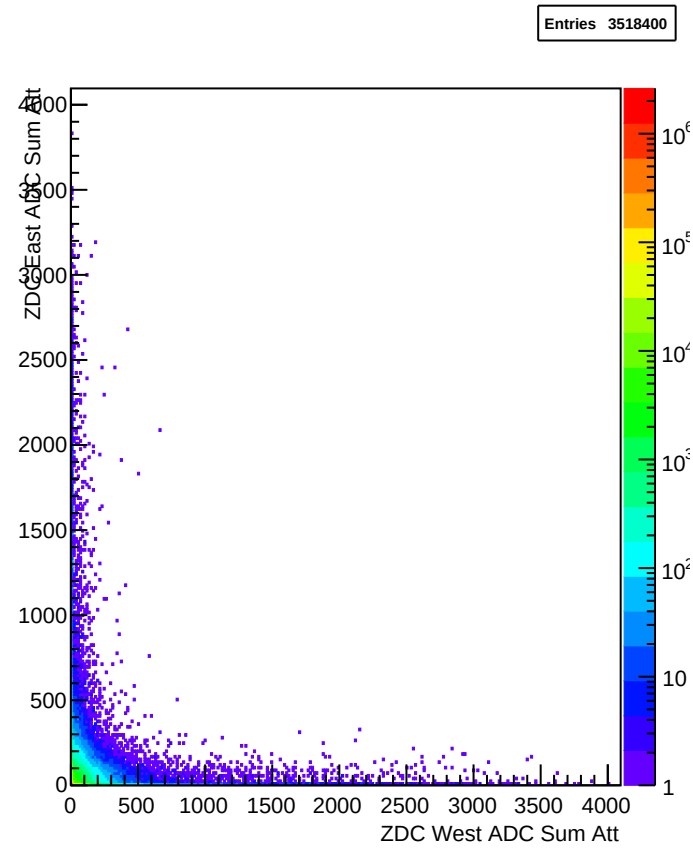

Entries 3518400
BBC-S-East ADC Sum
VPD-East ADC Sum

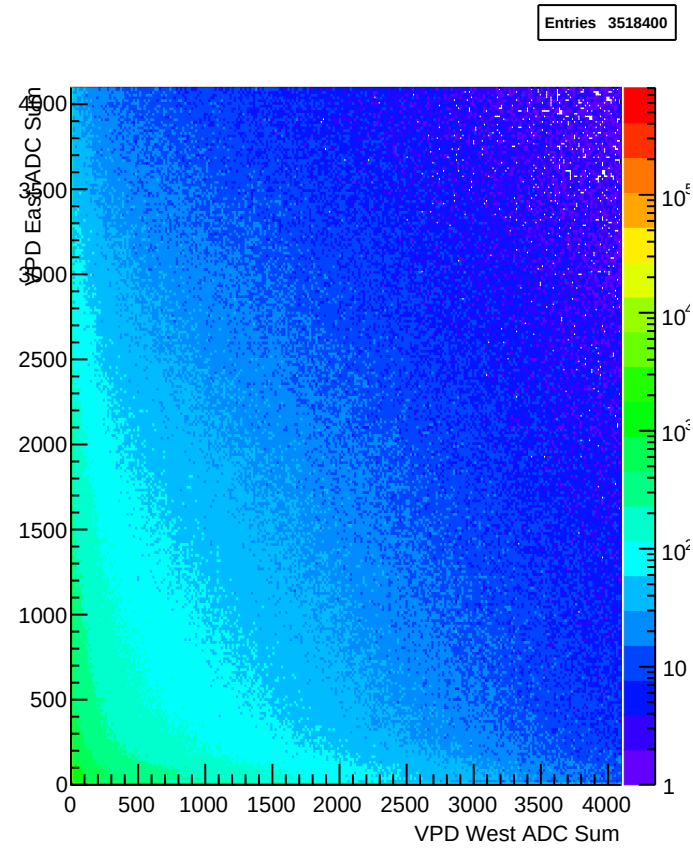

Entries 3518400
BBC-S-West ADC Sum
VPD-West ADC Sum

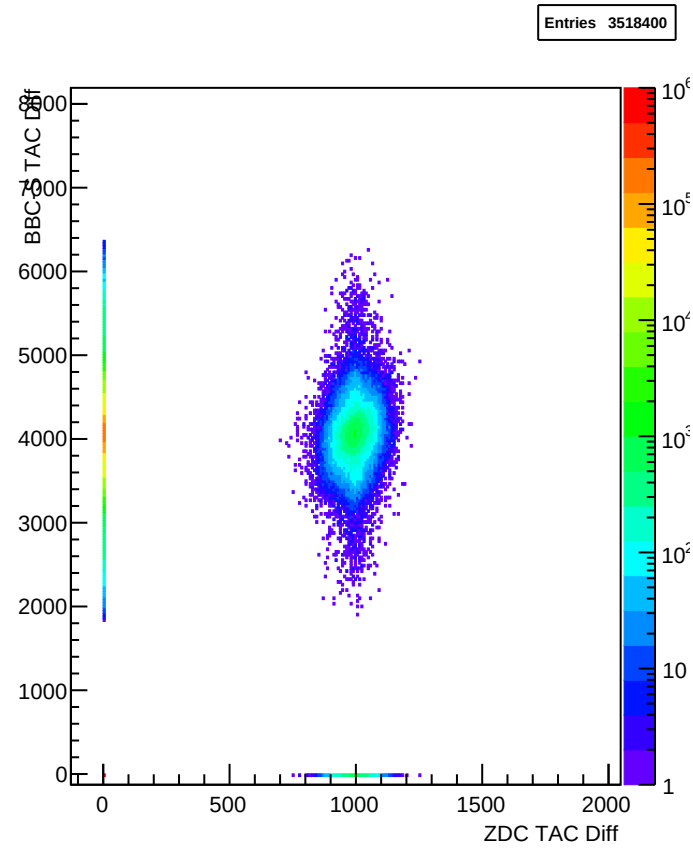

Entries 3518400
VPD-East ADC Sum
ZDC-East ADC Sum Att

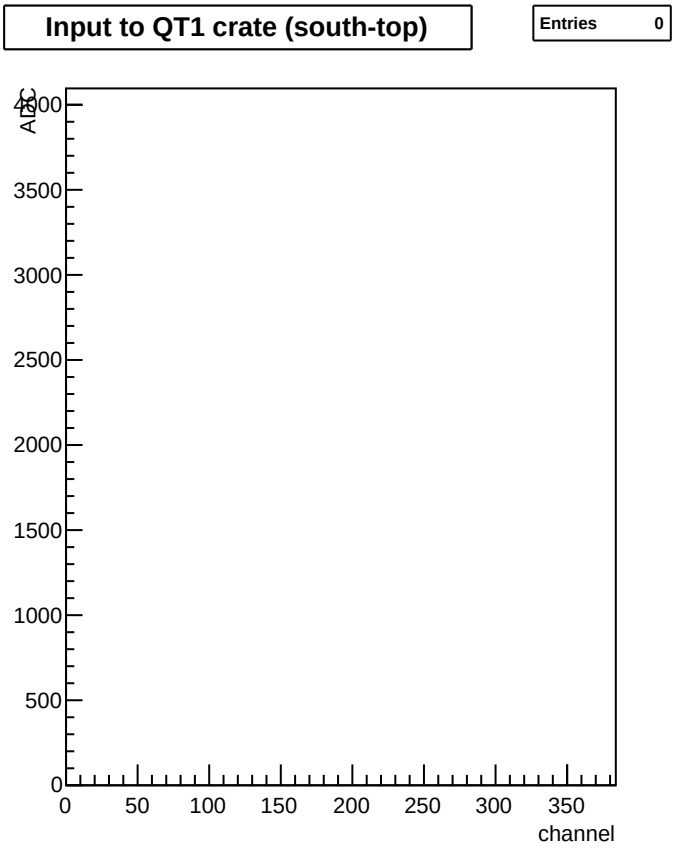

Entries 3518400
VPD-West ADC Sum
ZDC-West ADC Sum Att

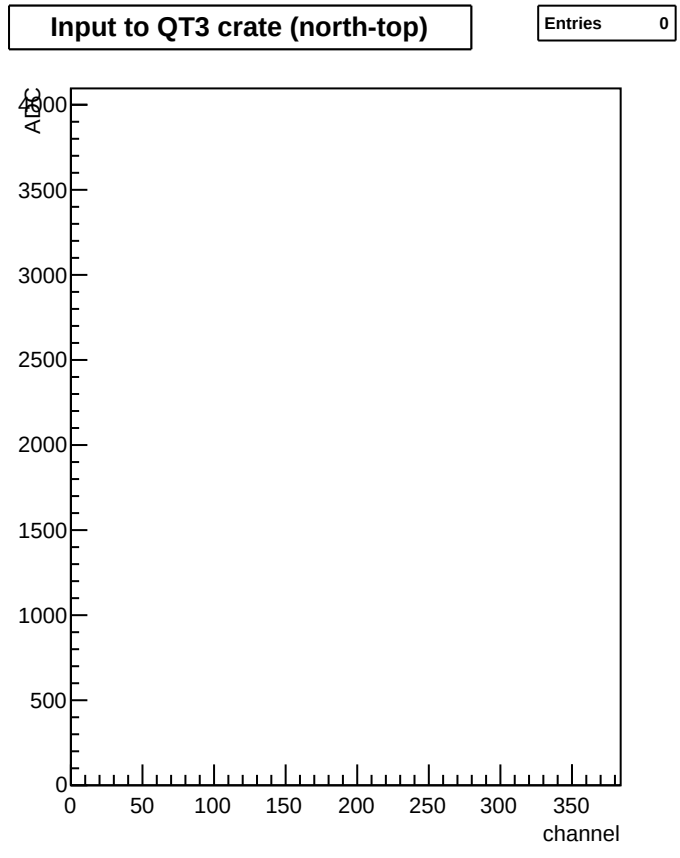

Entries 3518400
BBC-S-East ADC Sum
BBC-S-West ADC Sum

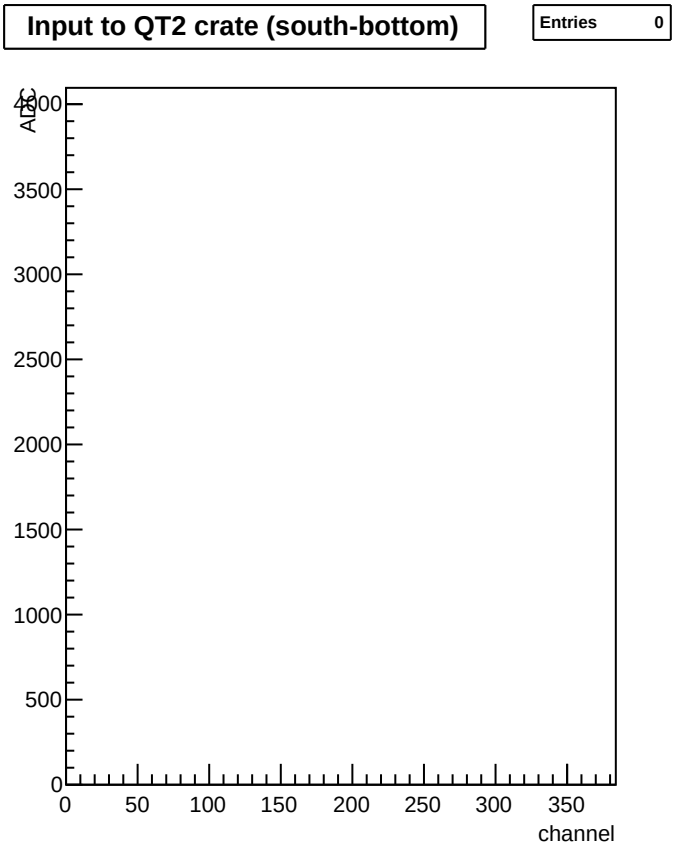

Entries 3518400
ZDC East ADC Sum Att
ZDC West ADC Sum Att

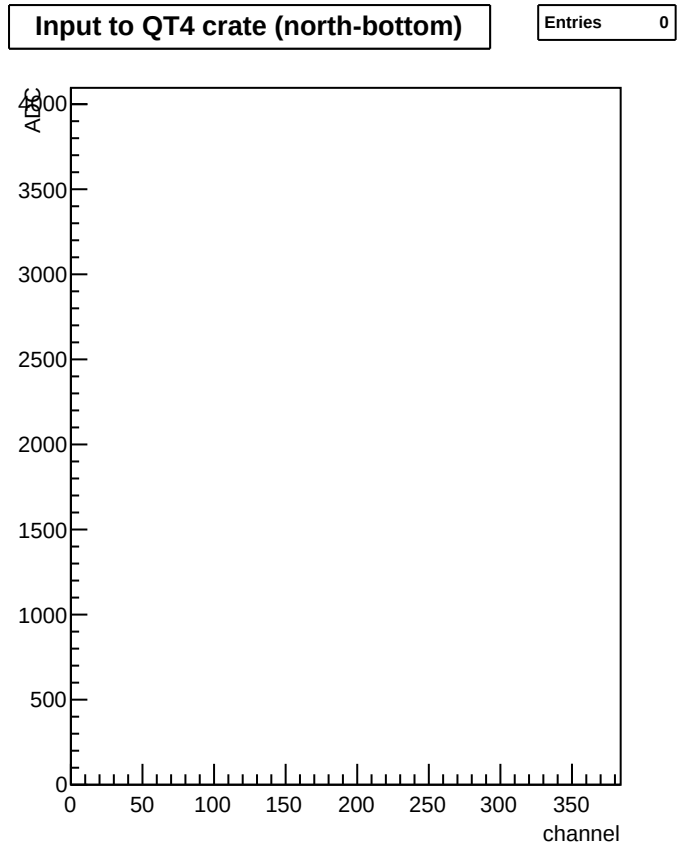

Entries 3518400
VPD East ADC Sum
VPD West ADC Sum

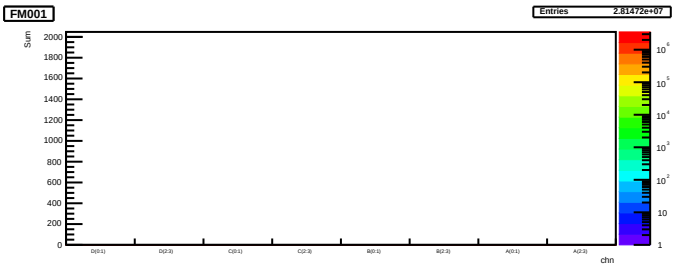

Entries 3518400
BBC-S TAC Diff
ZDC TAC Diff

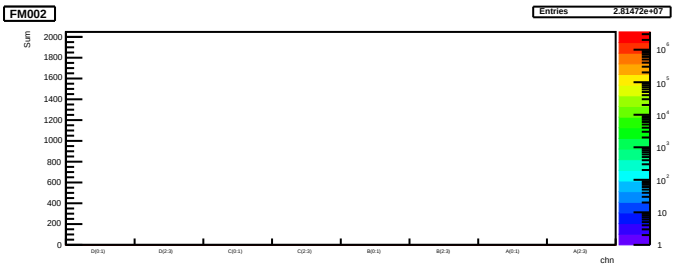

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

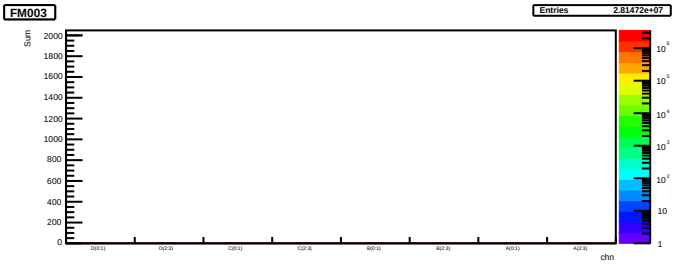

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

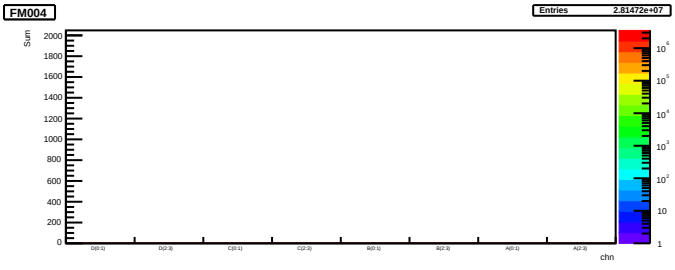

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

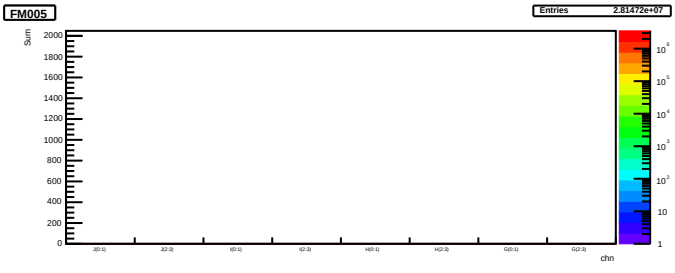

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

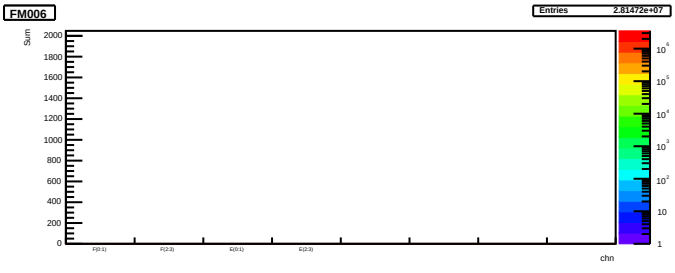

FM001
Entries 2.81472e+07
Sum
chn

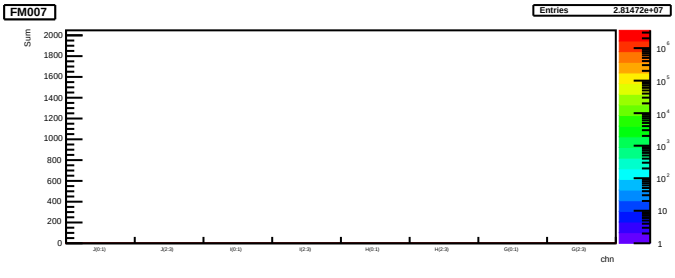

FM002
Entries 2.81472e+07
Sum
chn

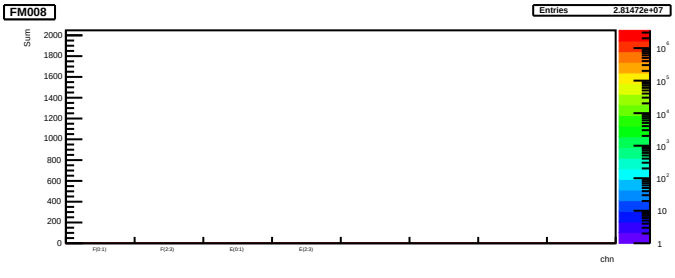

FM003
Entries 2.81472e+07
Sum
chn

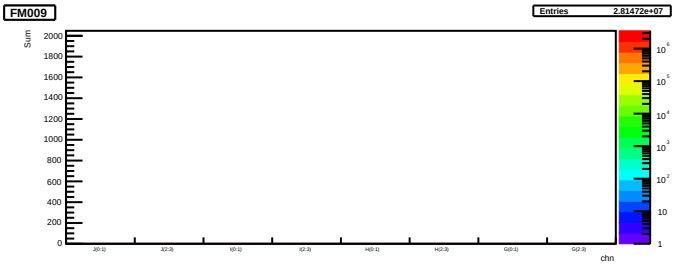

FM004
Entries 2.81472e+07
Sum
chn

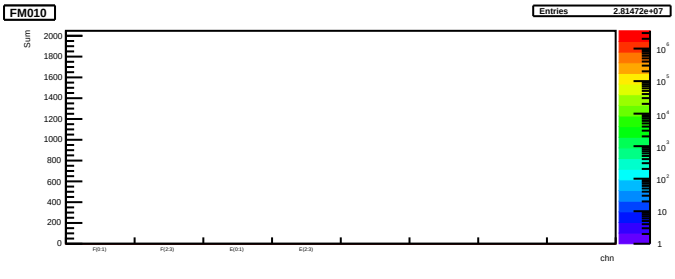

FM005
Entries 2.81472e+07
Sum
chn

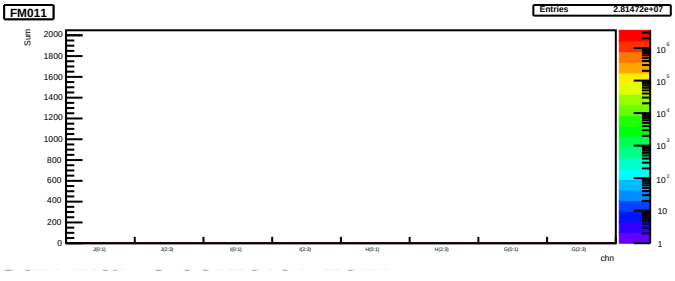

FM006
Entries 2.81472e+07
Sum
chn

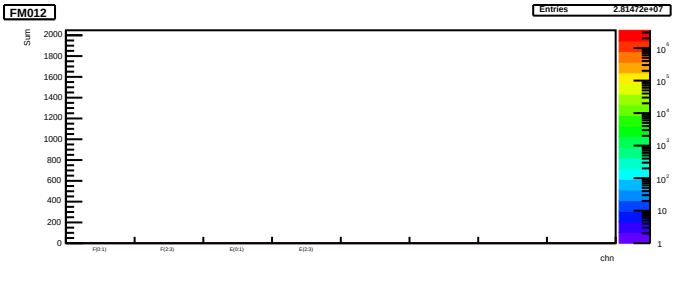

FM007
Entries 2.81472e+07
Sum
chn

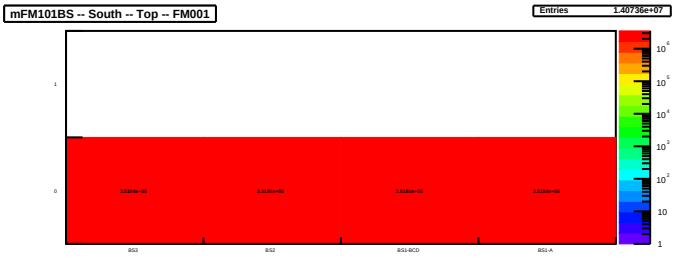

FM008
Entries 2.81472e+07
Sum
chn

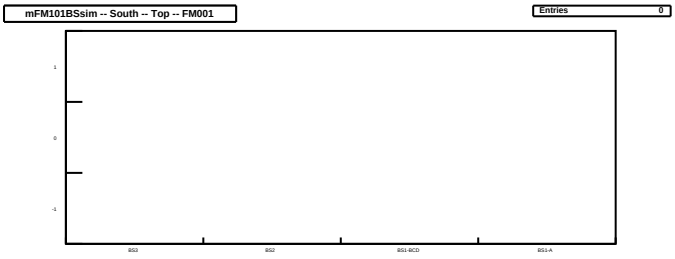

FM009
Entries 2.81472e+07
Sum
chn

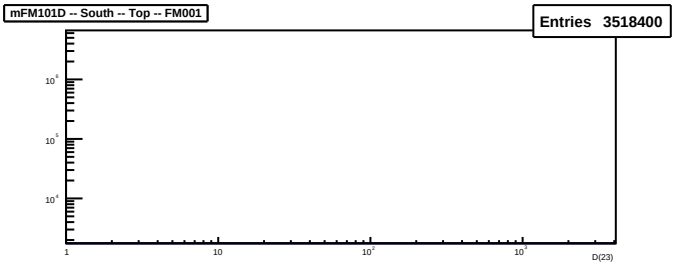

FM010
Entries 2.81472e+07
Sum
chn

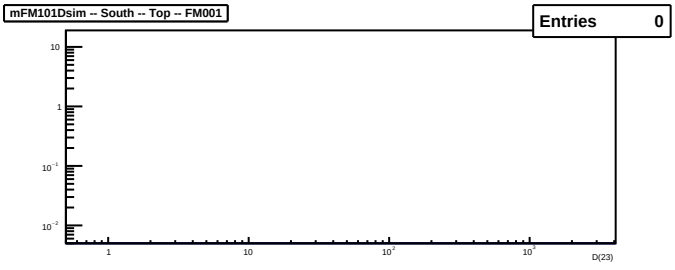

FM011
Entries 2.81472e+07
Sum
chn

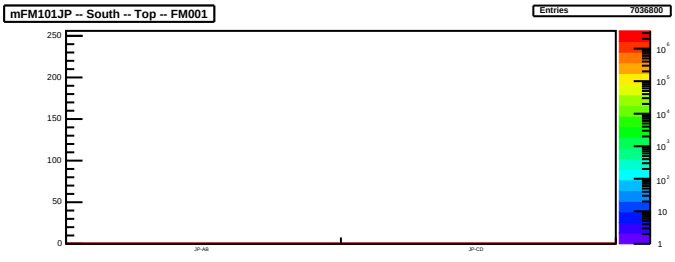

FM012
Entries 2.81472e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1-BCD
BS1-A

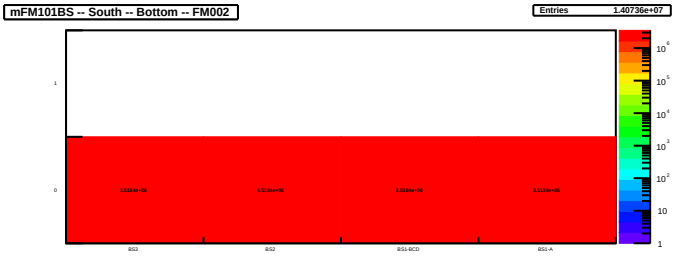

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

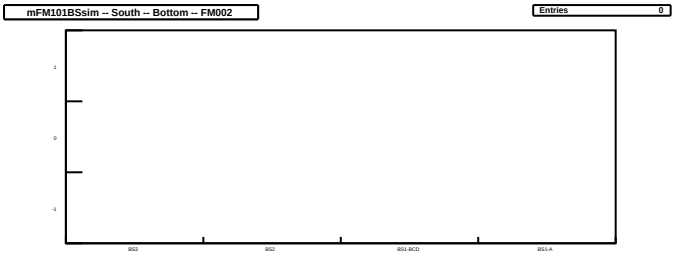

mFM101D -- South -- Top -- FM001
Entries 3518400
D(23)

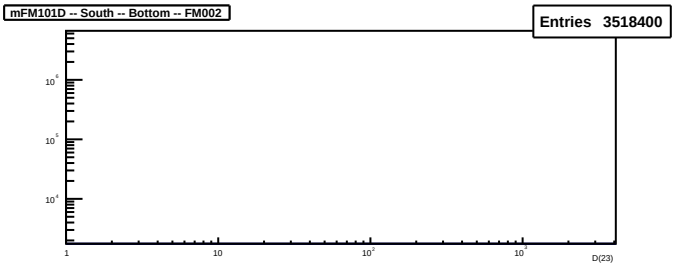

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

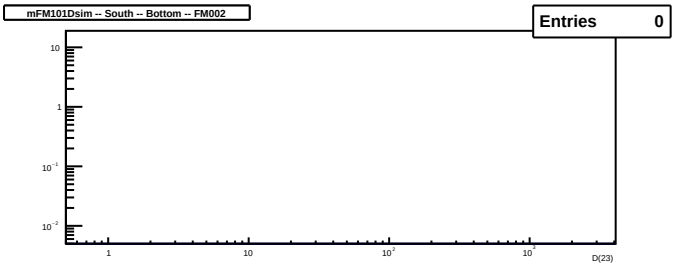

mFM101JP -- South -- Top -- FM001
Entries 7036800
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1-BCD
BS1-A

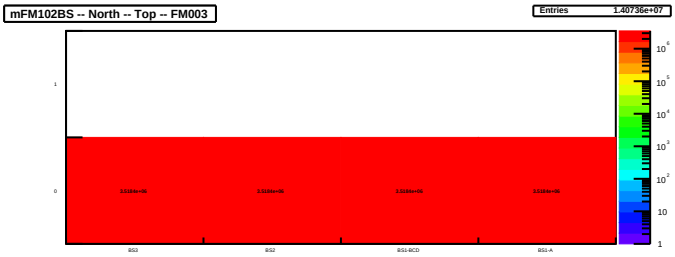

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 3518400
D(23)

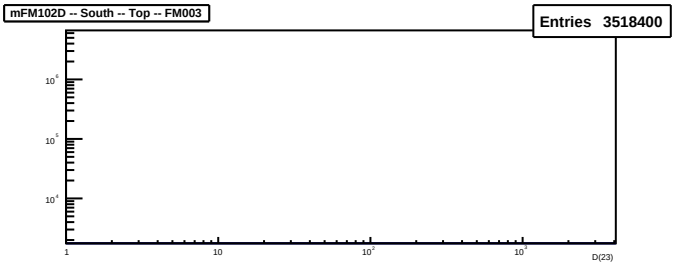

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

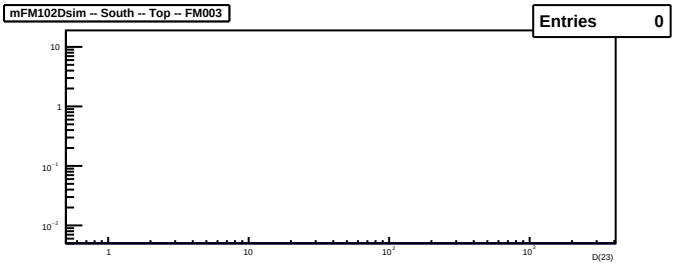
mFM101JP -- South -- Bottom -- FM002
Entries 7036800
JP-AB
JP-CD

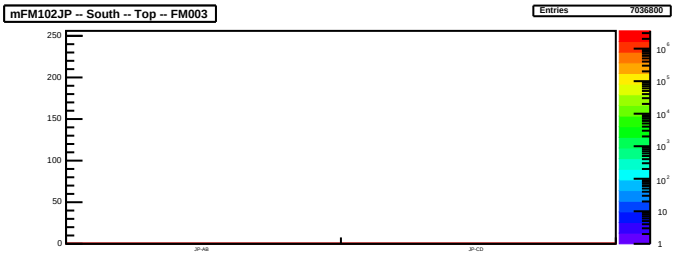
mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1-BCD
BS1-A

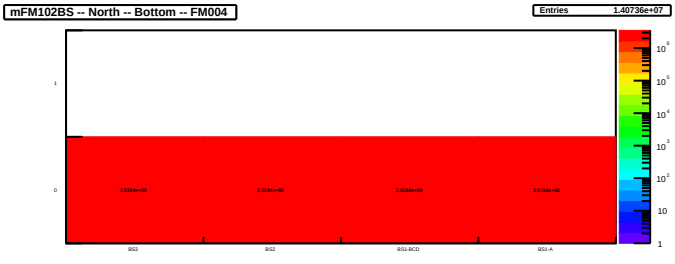
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A

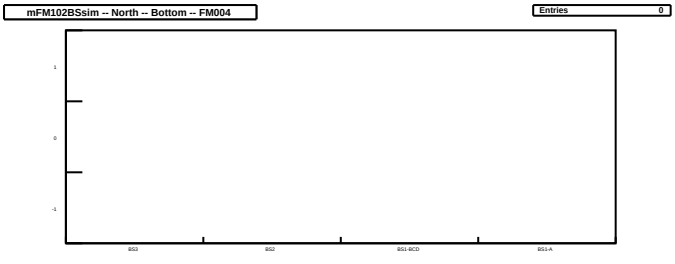

mFM102D -- South -- Top -- FM003
Entries 3518400
D(23)

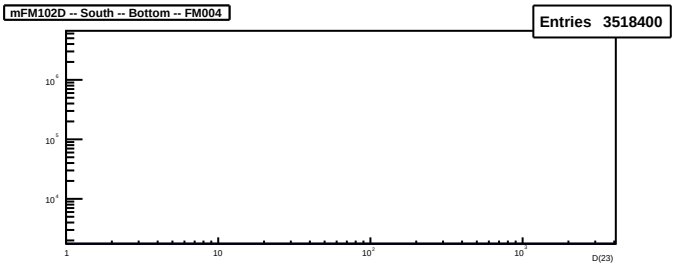

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

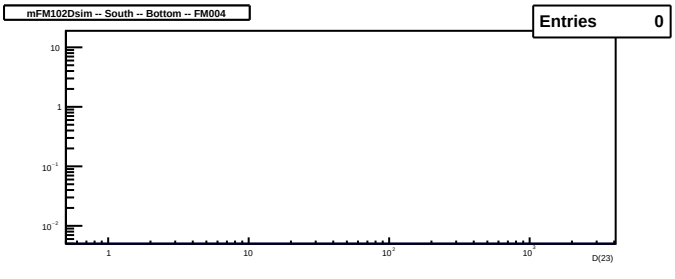

mFM102JP -- South -- Top -- FM003
Entries 7036800
JP-AB
JP-CD

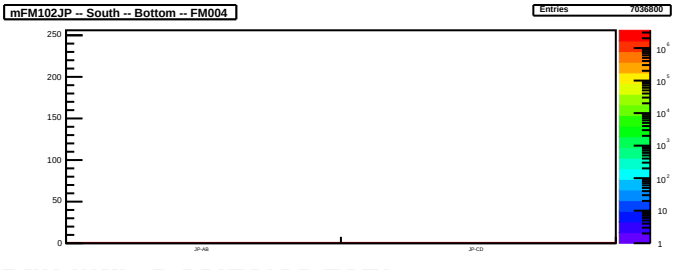
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

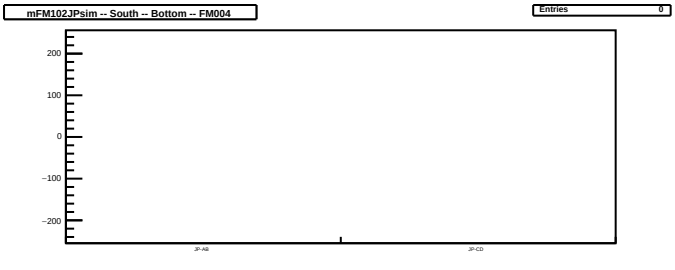

mFM102BS -- North -- Bottom -- FM004
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1-BCD
BS1-A

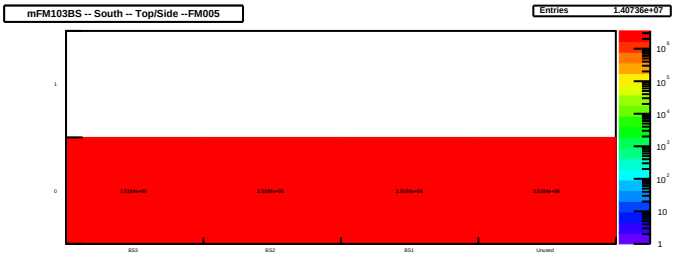

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A

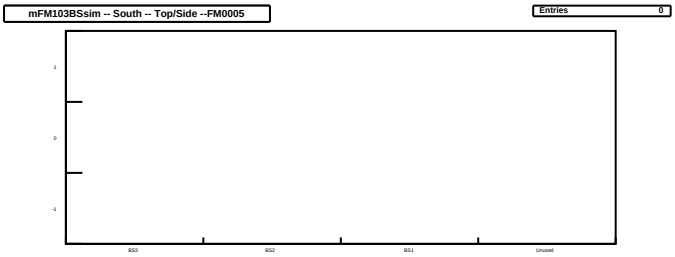

mFM102D -- South -- Bottom -- FM004
Entries 3518400
D(23)

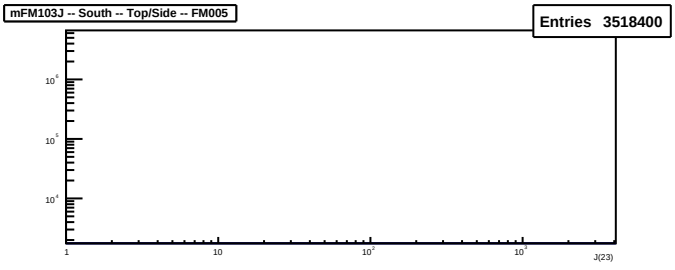

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

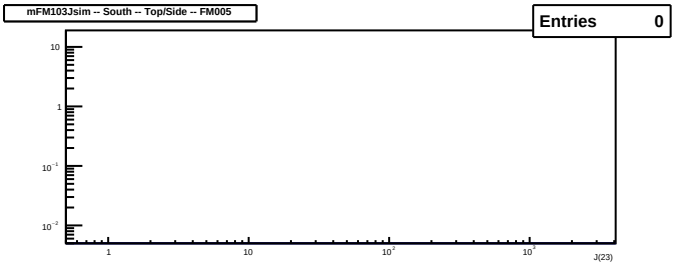

mFM102JP -- South -- Bottom -- FM004
Entries 7036800
JP-AB
JP-CD

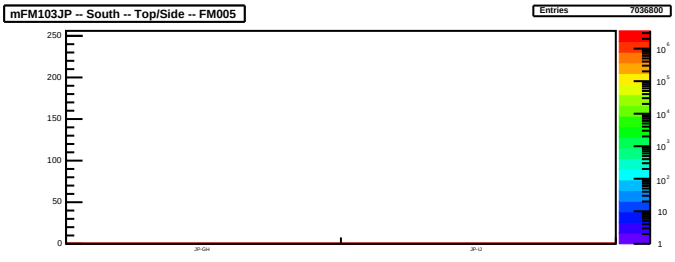

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

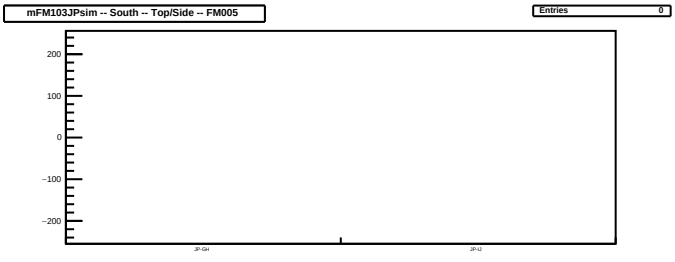

mFM103BS -- South -- Top/Side --FM005
Entries 1.40736e+07
BS3
BS2
BS1
Unused

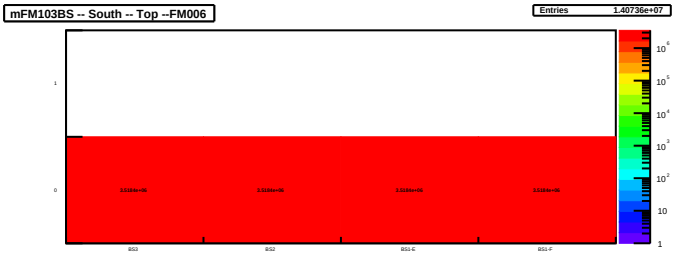

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

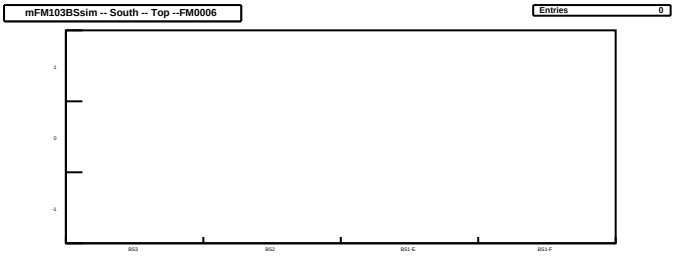

mFM103J -- South -- Top/Side -- FM005
Entries 3518400
J(23)

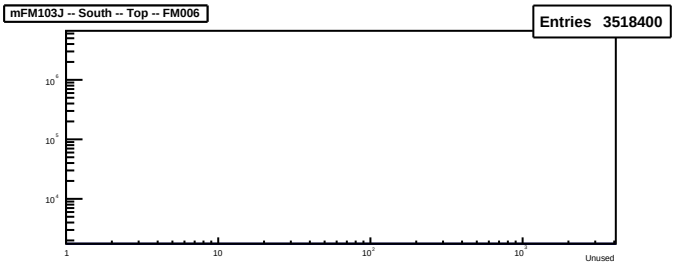

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

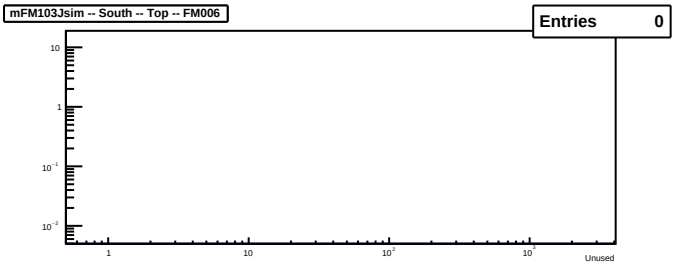

mFM103JP -- South -- Top/Side -- FM005
Entries 7036800
JP-GH
JP-IJ

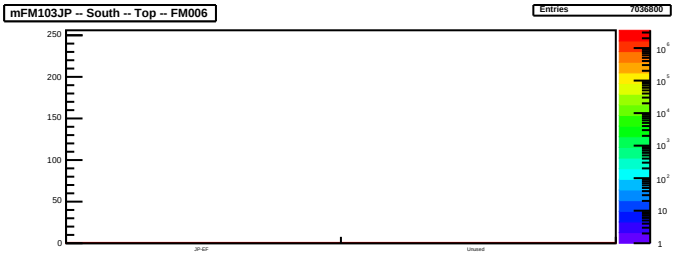

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

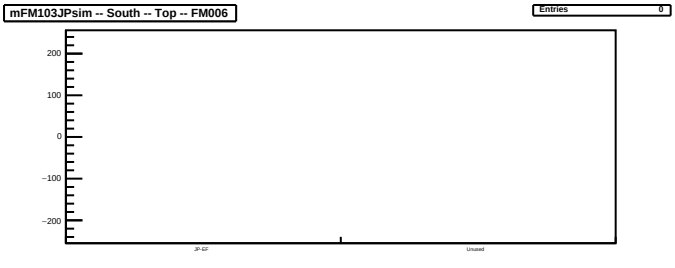

mFM103BS -- South -- Top --FM006
Entries 1.40736e+07
BS3
BS2
BS1-E
BS1-F

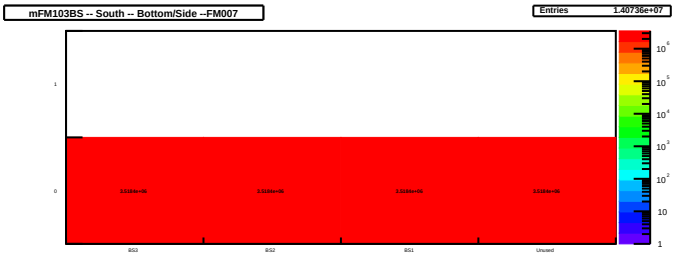

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

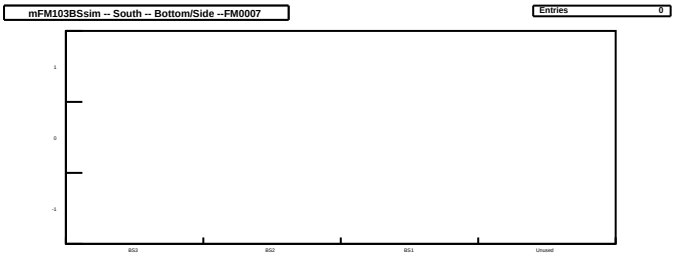

mFM103J -- South -- Top -- FM006
Entries 3518400
Unused

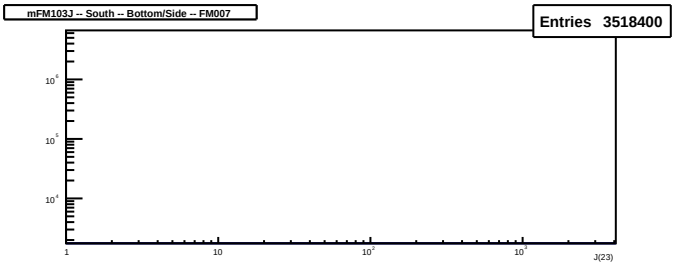

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

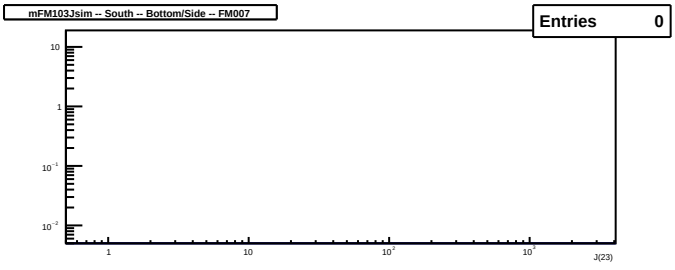

mFM103JP -- South -- Top -- FM006
Entries 7036800
JP-EF
Unused

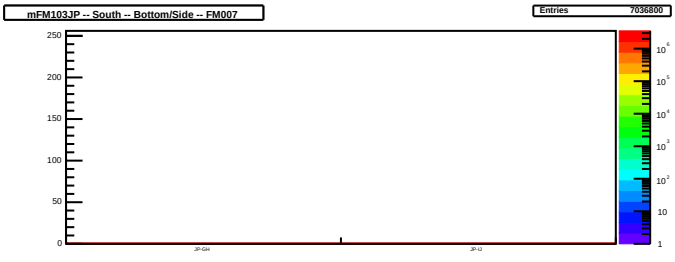

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

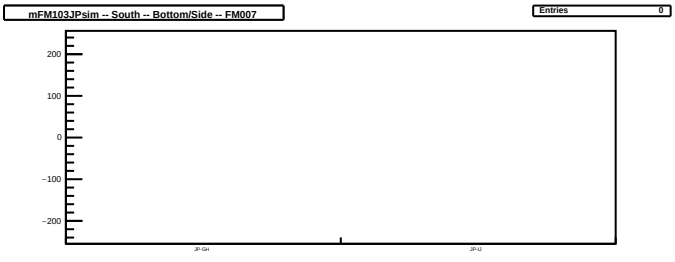

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1
Unused

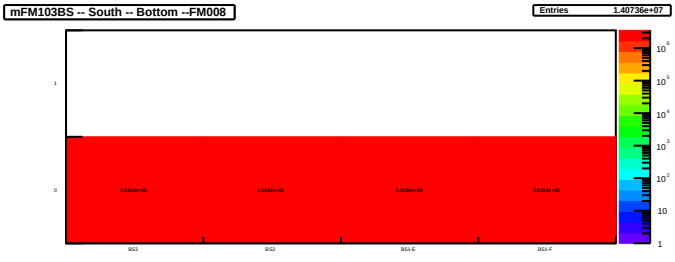

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

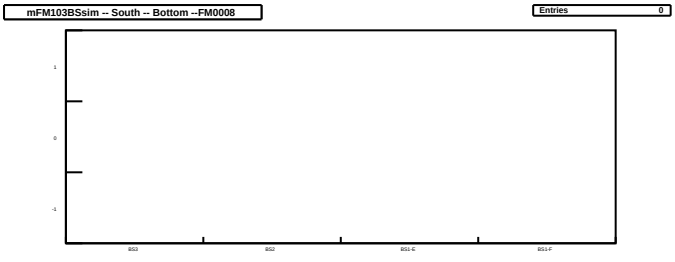

mFM103J -- South -- Bottom/Side -- FM007
Entries 3518400
J(23)

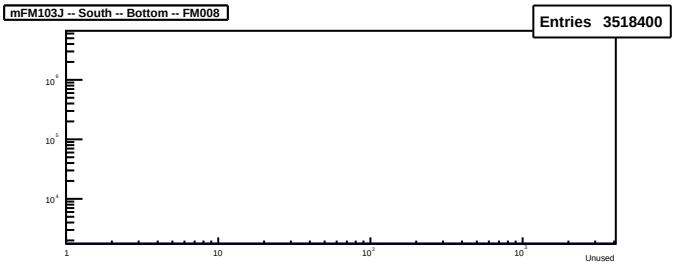

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

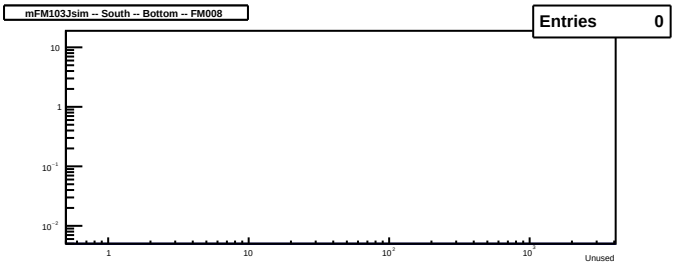

mFM103JP -- South -- Bottom/Side -- FM007
Entries 7036800
JP-GH
JP-IJ


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

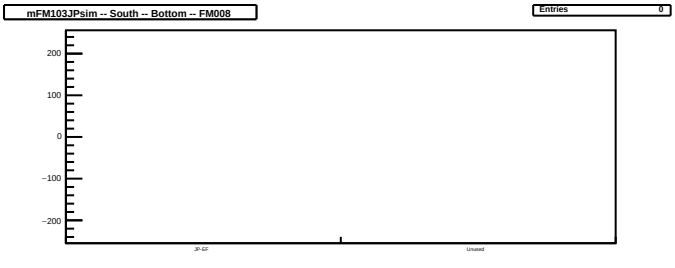

mFM103BS -- South -- Bottom --FM008
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1-E
BS1-F

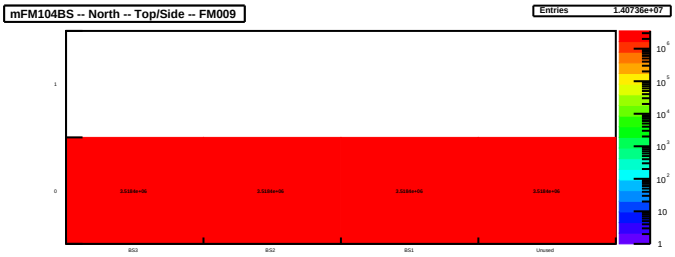

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

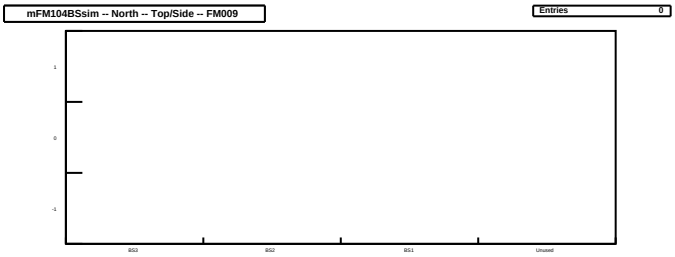

mFM103J -- South -- Bottom -- FM008
Entries 3518400
Unused

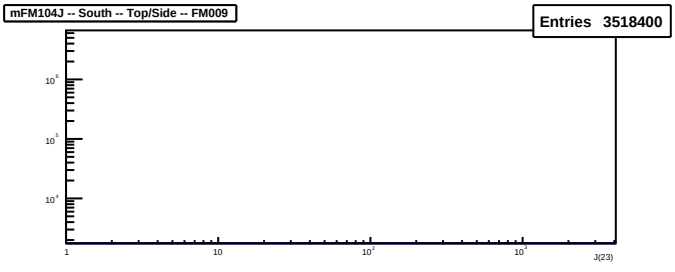

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

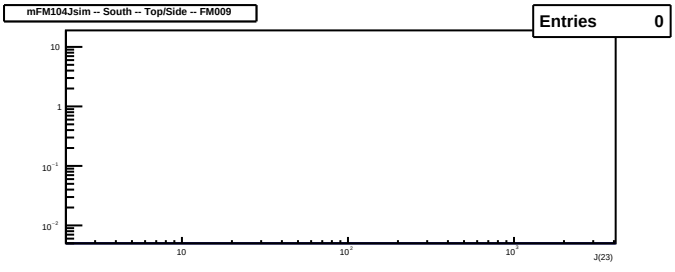
mFM103JP -- South -- Bottom -- FM008
Entries 7036800
JP-EF
Unused

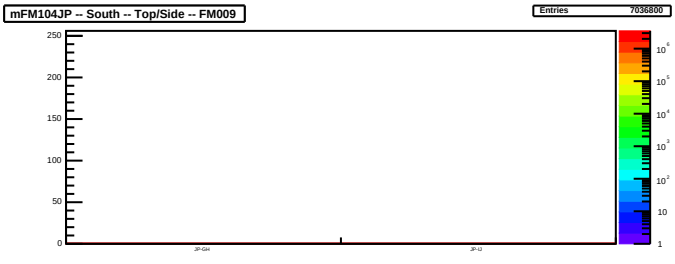

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

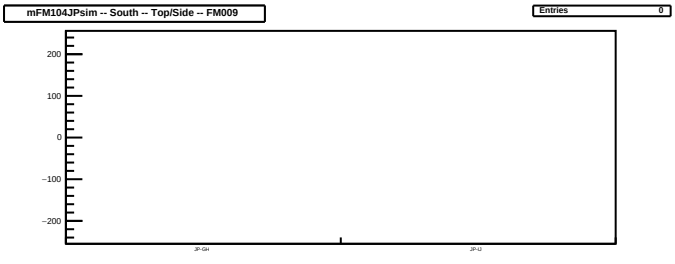

mFM104BS -- North -- Top/Side -- FM009
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1
Unused

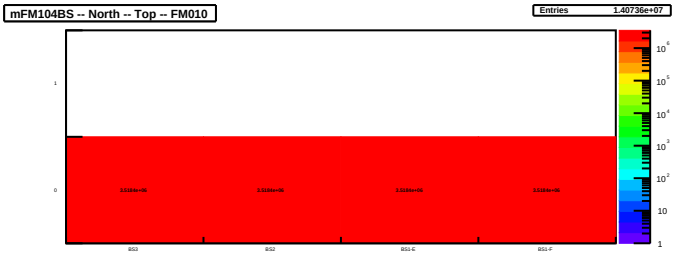

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

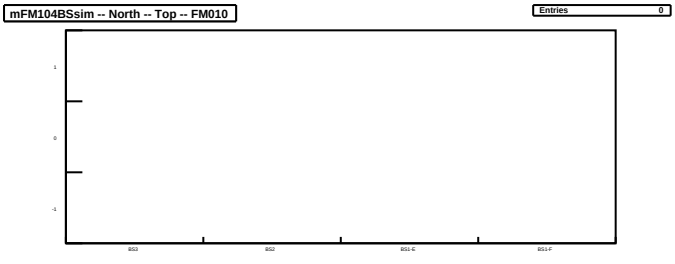

mFM104J -- South -- Top/Side -- FM009
Entries 3518400
J(23)

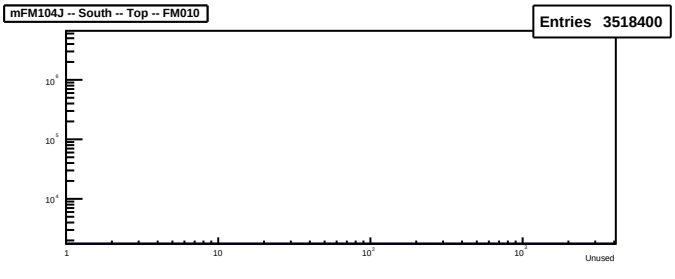

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

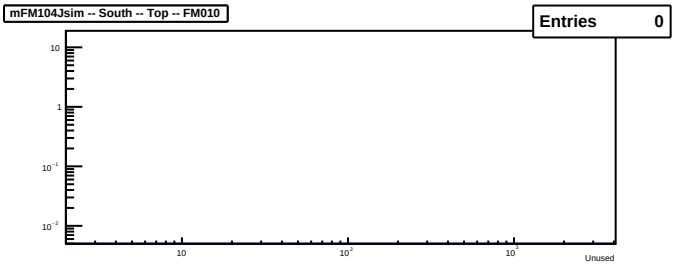

mFM104JP -- South -- Top/Side -- FM009
Entries 7036800
JP-GH
JP-IJ


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

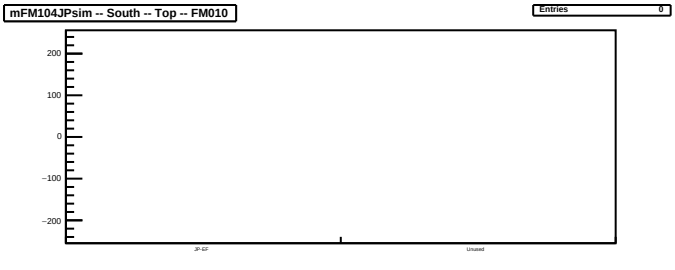

mFM104BS -- North -- Top -- FM010
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1-E
BS1-F

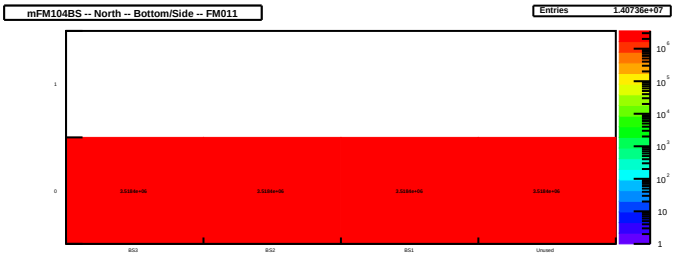

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

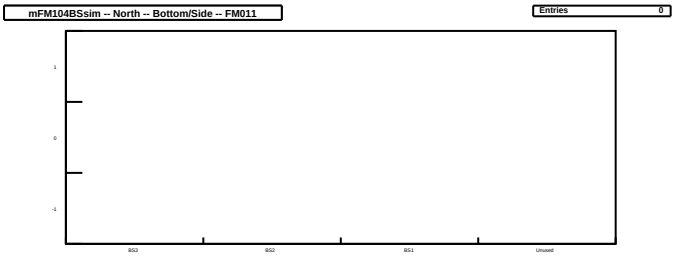

mFM104J -- South -- Top -- FM010
Entries 3518400
Unused

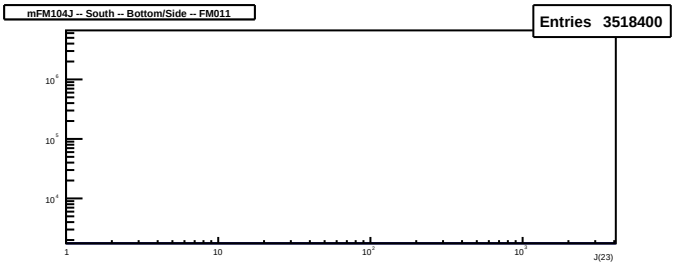

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

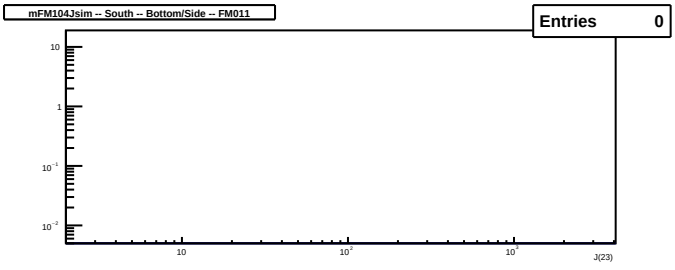
mFM104JP -- South -- Top -- FM010
Entries 7036800
JP-EF
Unused

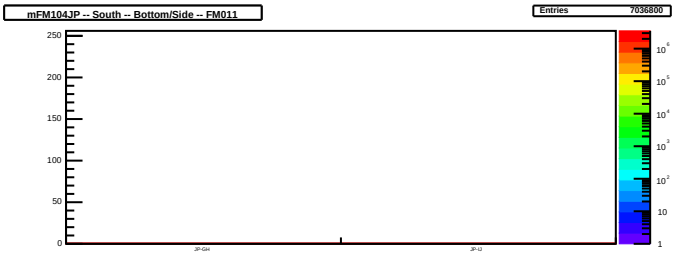

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

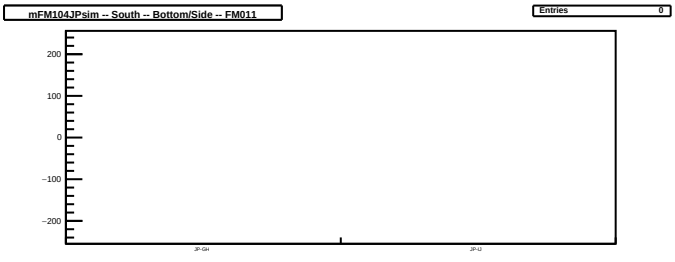

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1
Unused

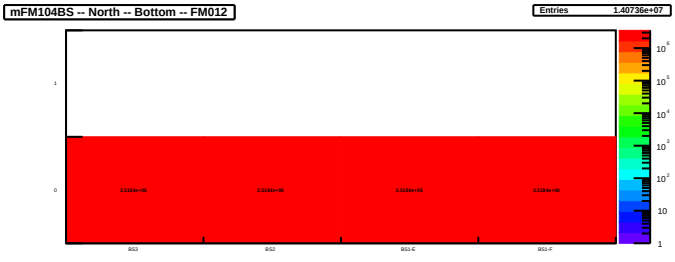

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

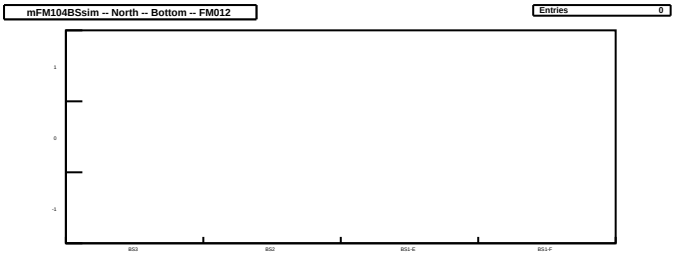

mFM104J -- South -- Bottom/Side -- FM011
Entries 3518400
J(23)

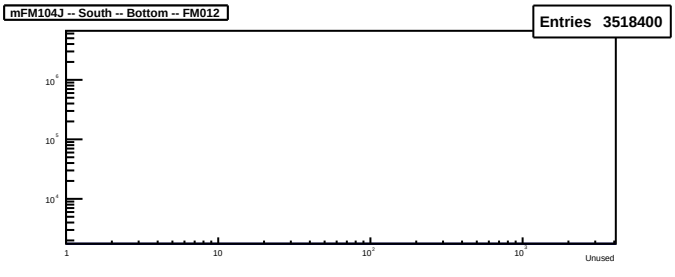

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

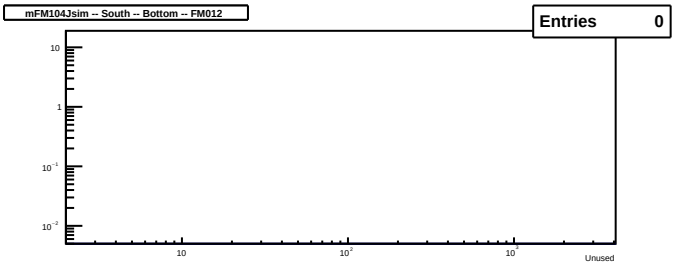

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7036800
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 1.40736e+07
3.5184e+06
3.5184e+06
3.5184e+06
3.5184e+06
BS3
BS2
BS1-E
BS1-F

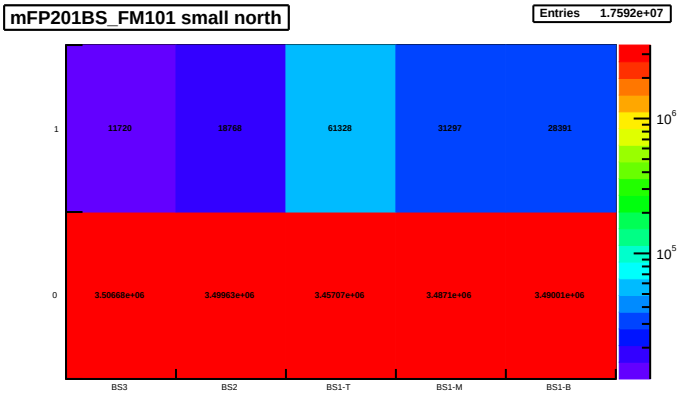

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

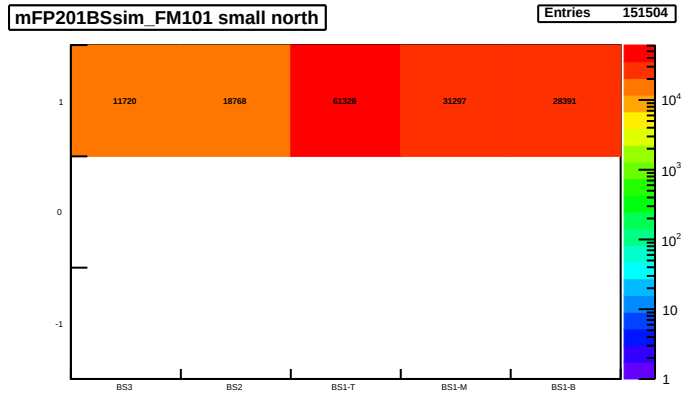

mFM104J -- South -- Bottom -- FM012
Entries 3518400
Unused

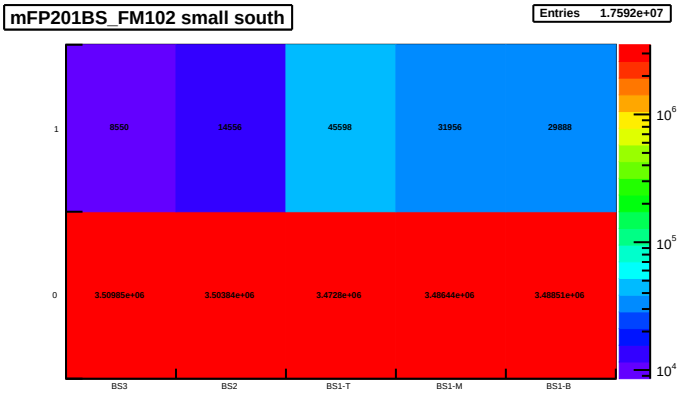

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

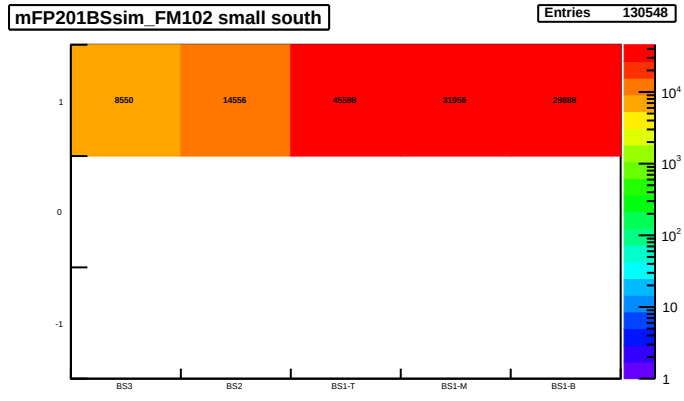
mFM104JP -- South -- Bottom -- FM012
Entries 7036800
JP-EF
Unused

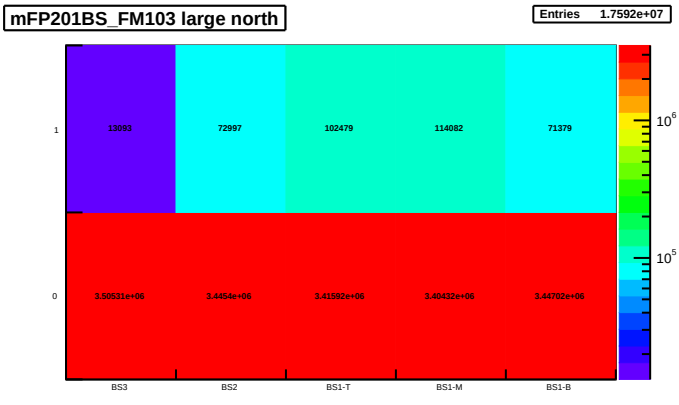
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

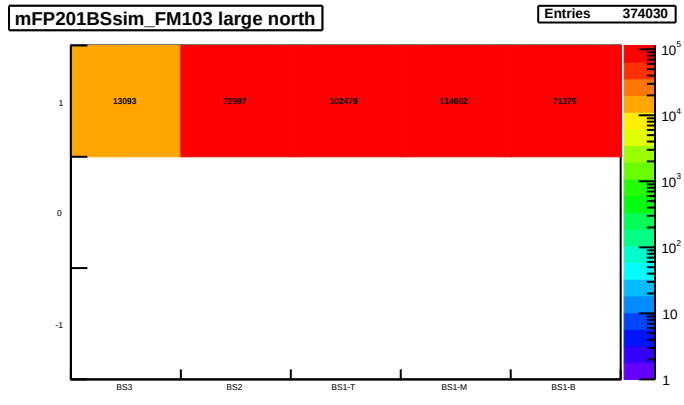

mFP201BS_FM101 small north
Entries 1.7592e+07
11720
18768
61328
31297
28391
3.50668e+06
3.49963e+06
3.45707e+06
3.4871e+06
3.49001e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

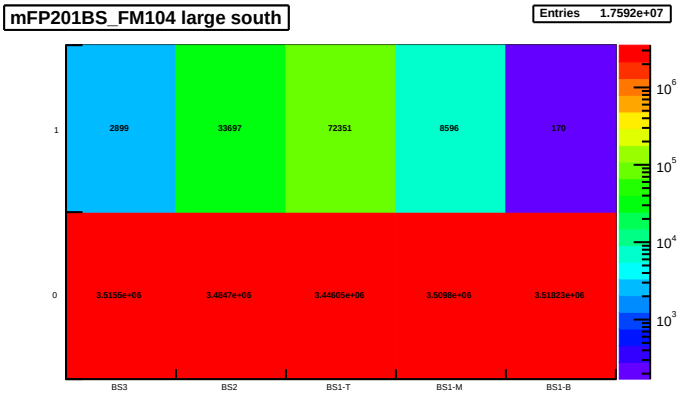

mFP201BSsim_FM101 small north
Entries 151504
11720
18768
61328
31297
28391
BS3
BS2
BS1-T
BS1-M
BS1-B

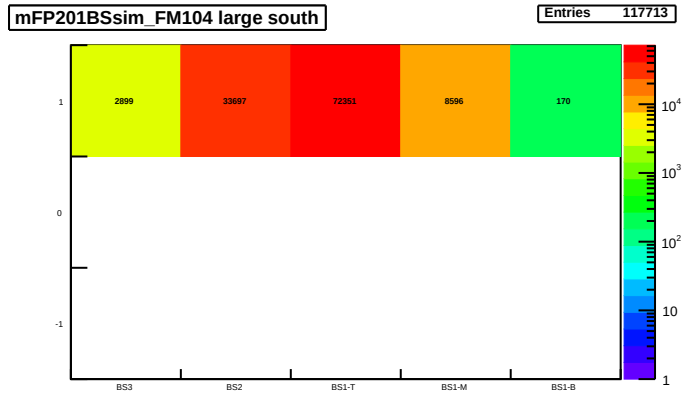

mFP201BS_FM102 small south
Entries 1.7592e+07
8550
14556
45598
31956
29888
3.50985e+06
3.50384e+06
3.4728e+06
3.48644e+06
3.48851e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

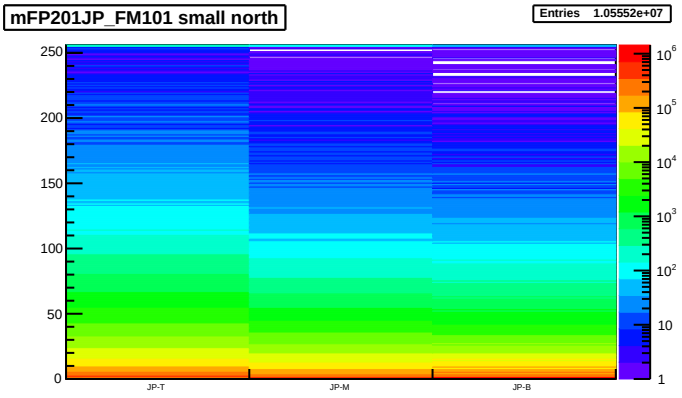

mFP201BSsim_FM102 small south
Entries 130548
8550
14556
45598
31956
29888
BS3
BS2
BS1-T
BS1-M
BS1-B

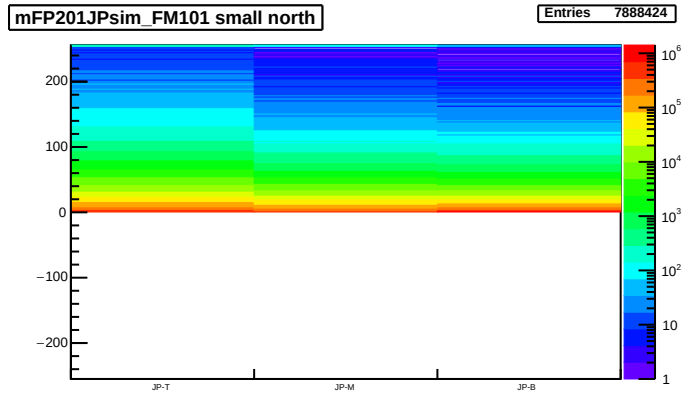

mFP201BS_FM103 large north
Entries 1.7592e+07
13093
72997
102479
114082
71379
3.50531e+06
3.4454e+06
3.41592e+06
3.40432e+06
3.44702e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

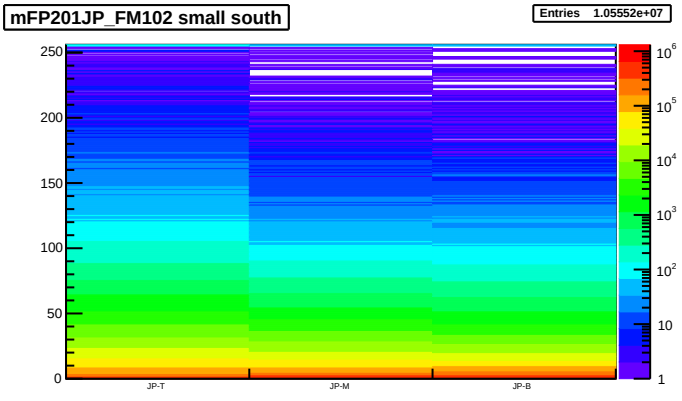

mFP201BSsim_FM103 large north
Entries 374030
13093
72997
102479
114082
71379
BS3
BS2
BS1-T
BS1-M
BS1-B

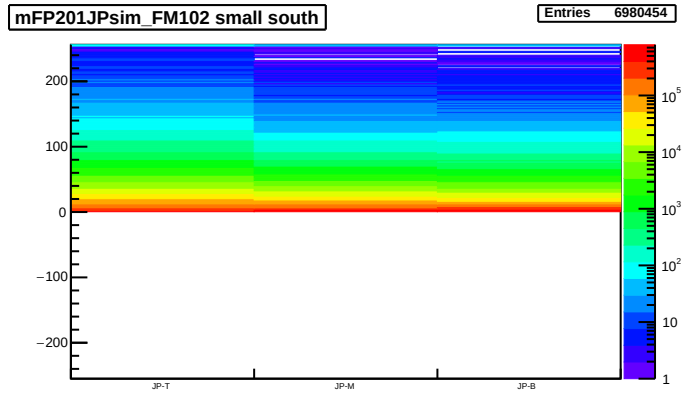

mFP201BS_FM104 large south
Entries 1.7592e+07
2899
33697
72351
8596
170
3.5155e+06
3.4847e+06
3.44605e+06
3.5098e+06
3.51823e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

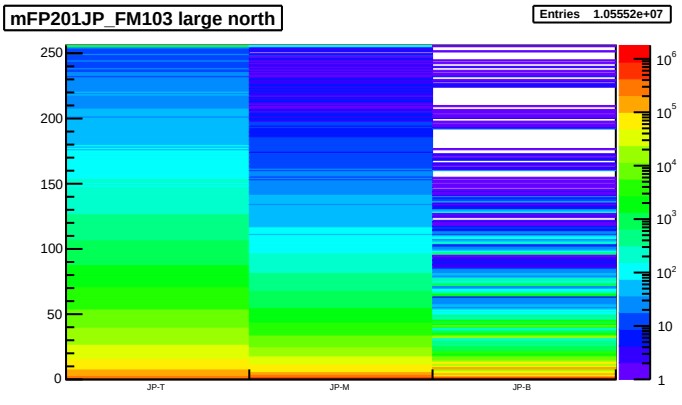

mFP201BSsim_FM104 large south
Entries 117713
2899
33697
72351
8596
170
BS3
BS2
BS1-T
BS1-M
BS1-B

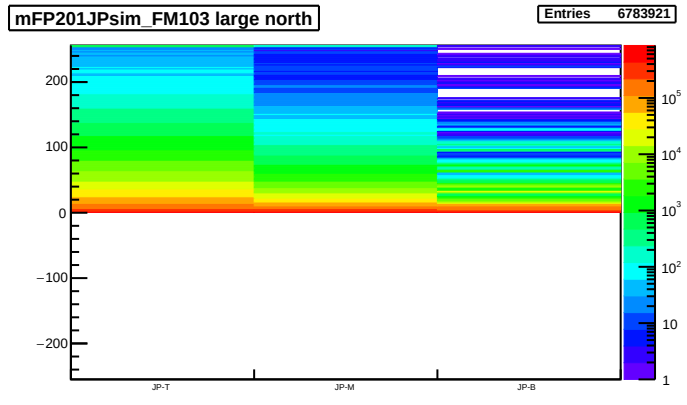

mFP201JP_FM101 small north
Entries 1.05552e+07
JP-T
JP-M
JP-B

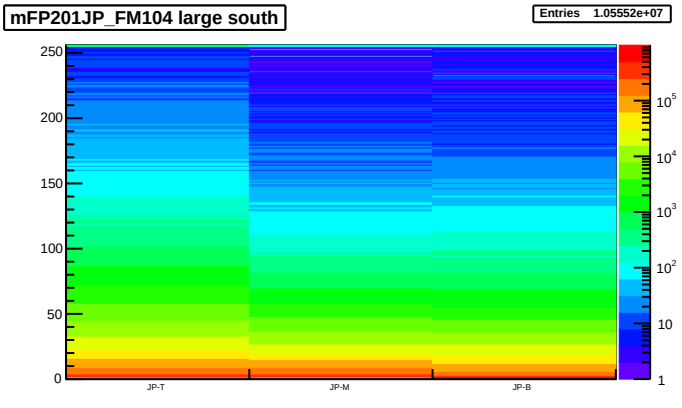

mFP201JPsim_FM101 small north
Entries 7888424
JP-T
JP-M
JP-B

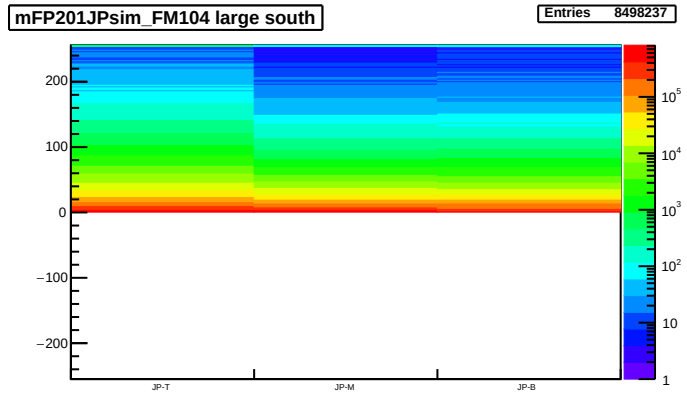

mFP201JP_FM102 small south
Entries 1.05552e+07
JP-T
JP-M
JP-B

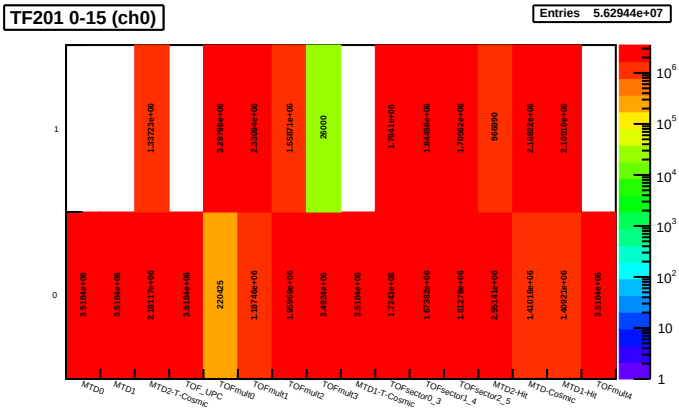

mFP201JPsim_FM102 small south
Entries 6980454
JP-T
JP-M
JP-B

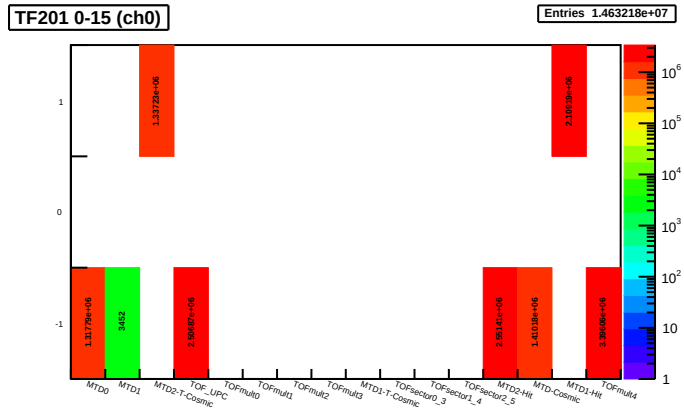

mFP201JP_FM103 large north
Entries 1.05552e+07
JP-T
JP-M
JP-B

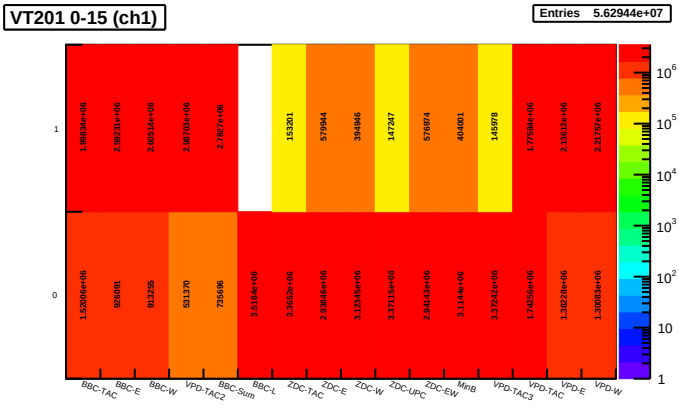

mFP201JPsim_FM103 large north
Entries 6783921
JP-T
JP-M
JP-B

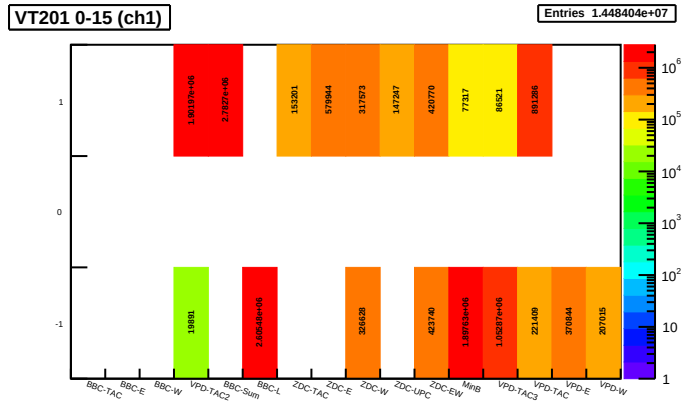

mFP201JP_FM104 large south
Entries 1.05552e+07
JP-T
JP-M
JP-B

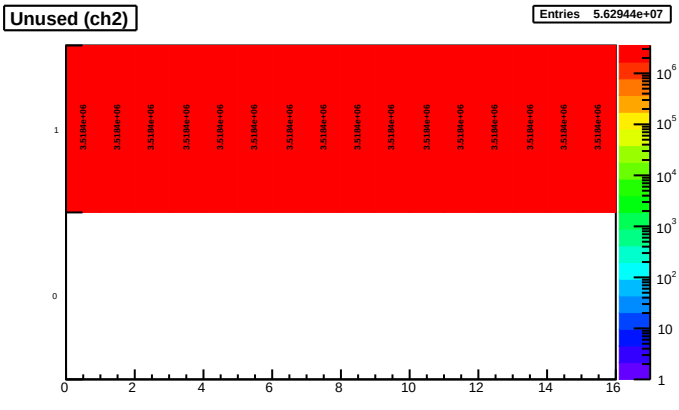

mFP201JPsim_FM104 large south
Entries 8498237
JP-T
JP-M
JP-B

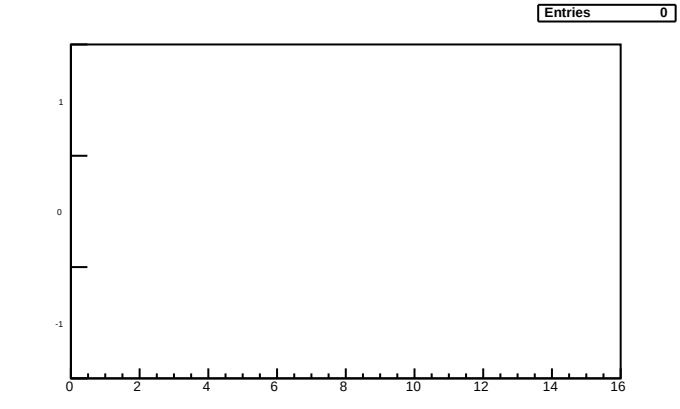

TF201 0-15 (ch0)
Entries 5.62944e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

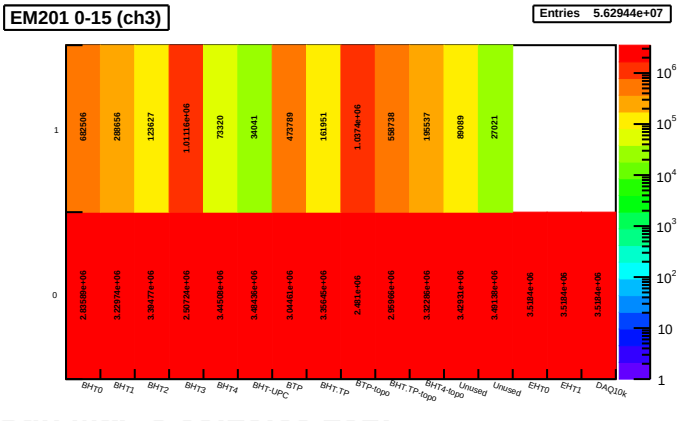

TF201 0-15 (ch0)
Entries 1.463218e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

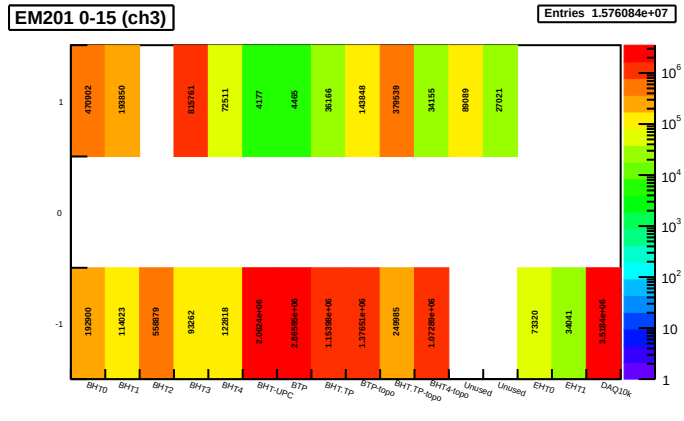

VT201 0-15 (ch1)
Entries 5.62944e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

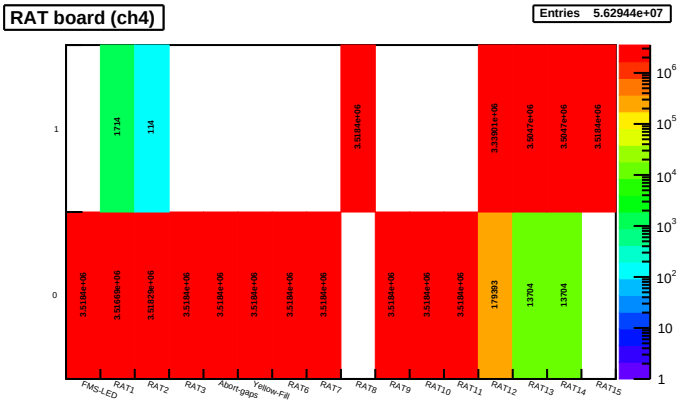

VT201 0-15 (ch1)
Entries 1.448404e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

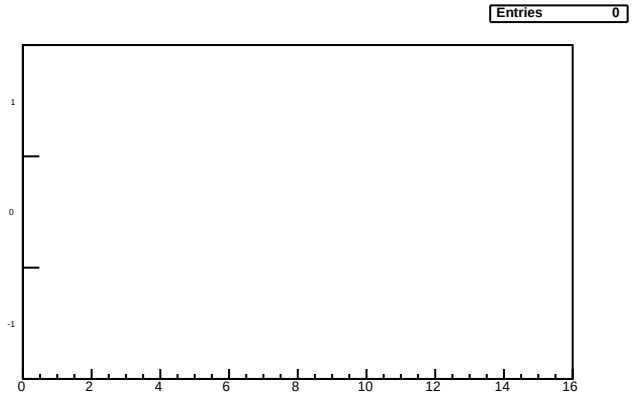

Unused (ch2)
Entries 5.62944e+07

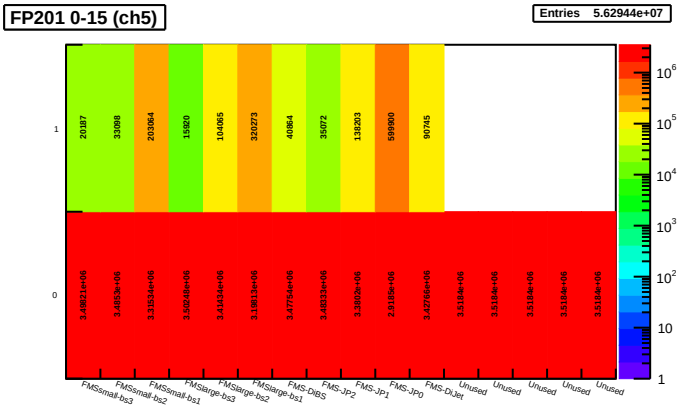

Entries 0

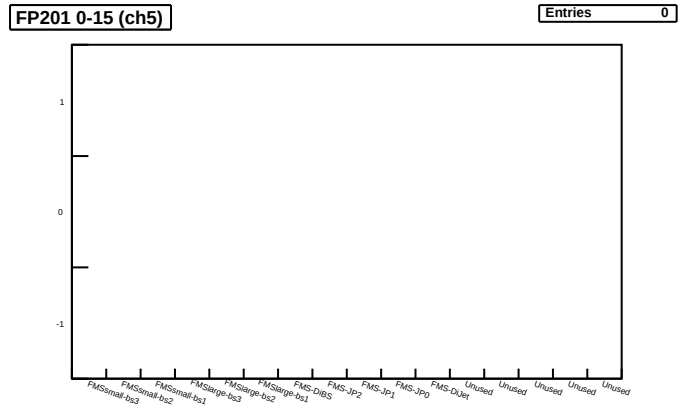

EM201 0-15 (ch3)
Entries 5.62944e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

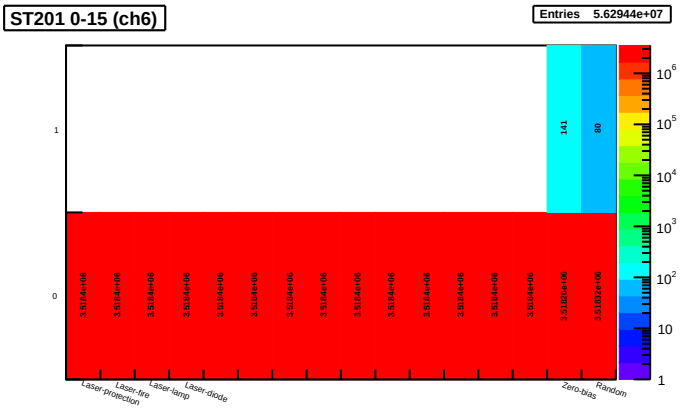

EM201 0-15 (ch3)
Entries 1.576084e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

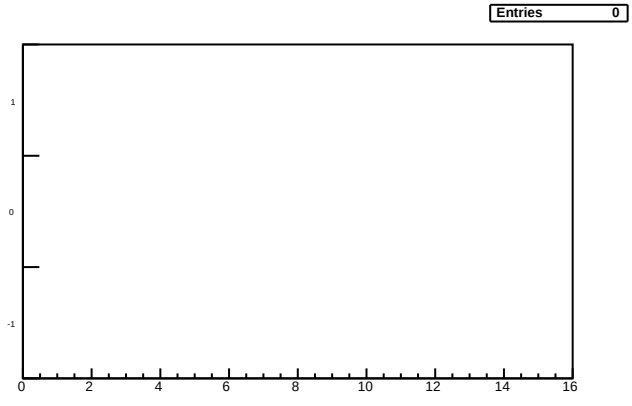

RAT board (ch4)
Entries 5.62944e+07
1734
114
3.5184e+06
3.33901e+06
3.5047e+06
3.5047e+06
3.5184e+06
3.51669e+06
3.51829e+06
179303
13704
13704
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

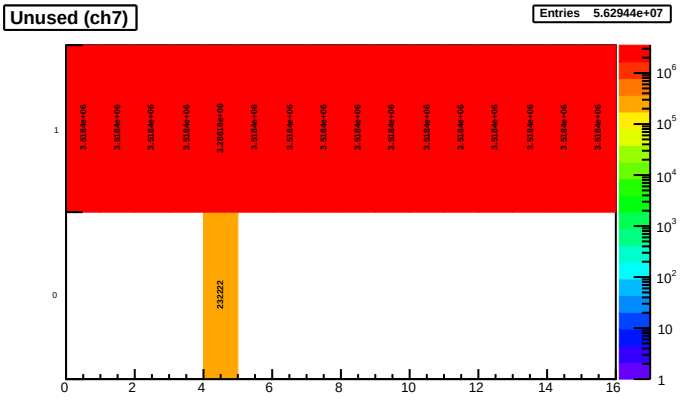

Entries 0

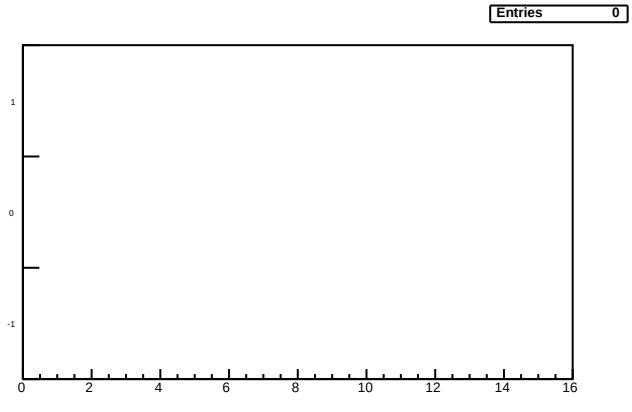

FP201 0-15 (ch5)
Entries 5.62944e+07
20187
33098
203064
15920
104065
320273
40864
35072
138203
599900
90745
3.48921e+06
3.48536e+06
3.21324e+06
3.50249e+06
3.41324e+06
3.19013e+06
3.47754e+06
3.48533e+06
3.3902e+06
2.91950e+06
3.42766e+06
3.5184e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 5.62944e+07
141
80
3.5184e+06
3.51826e+06
3.51822e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 5.62944e+07
3.5184e+06
3.28618e+06
232222


Entries 0