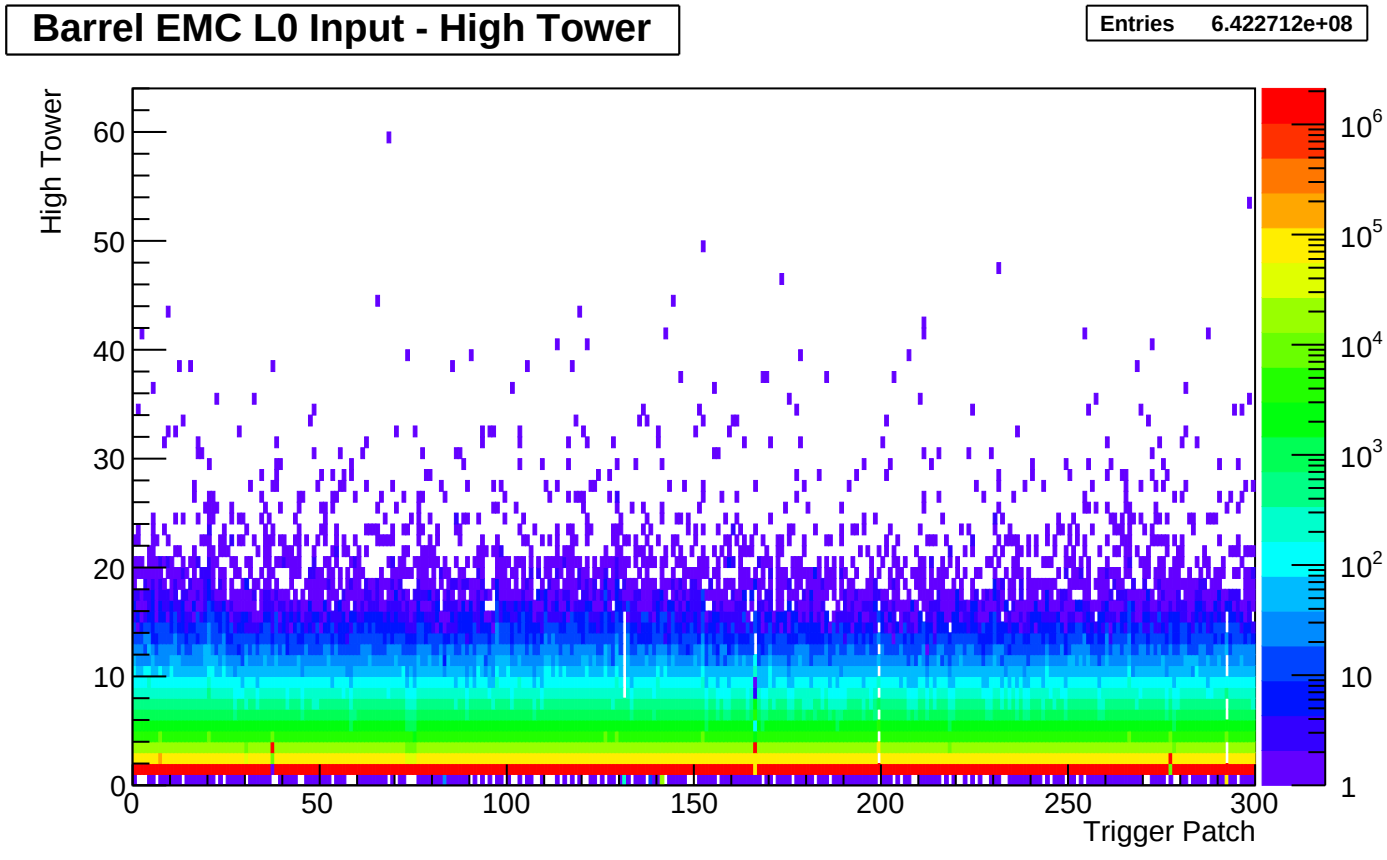
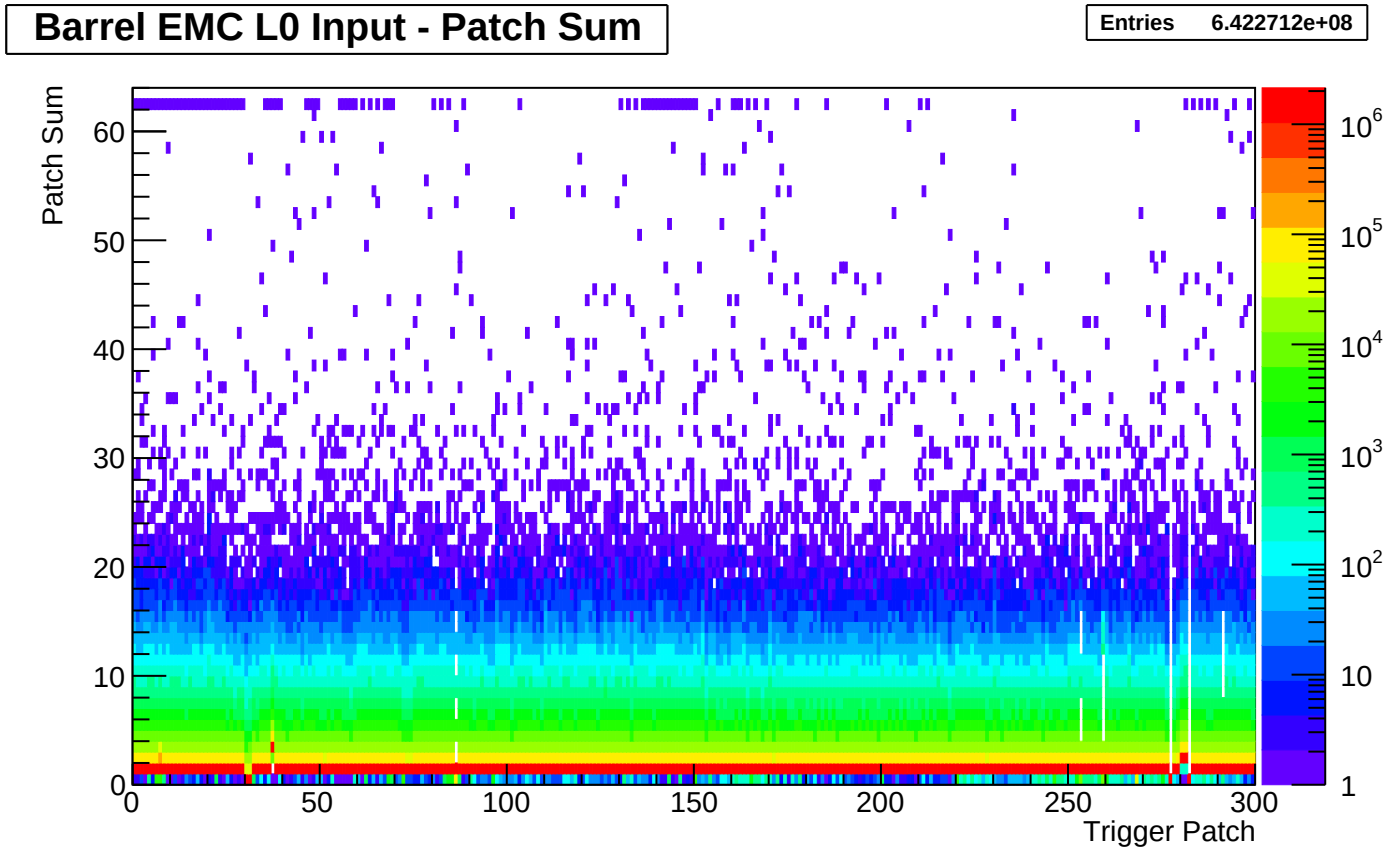
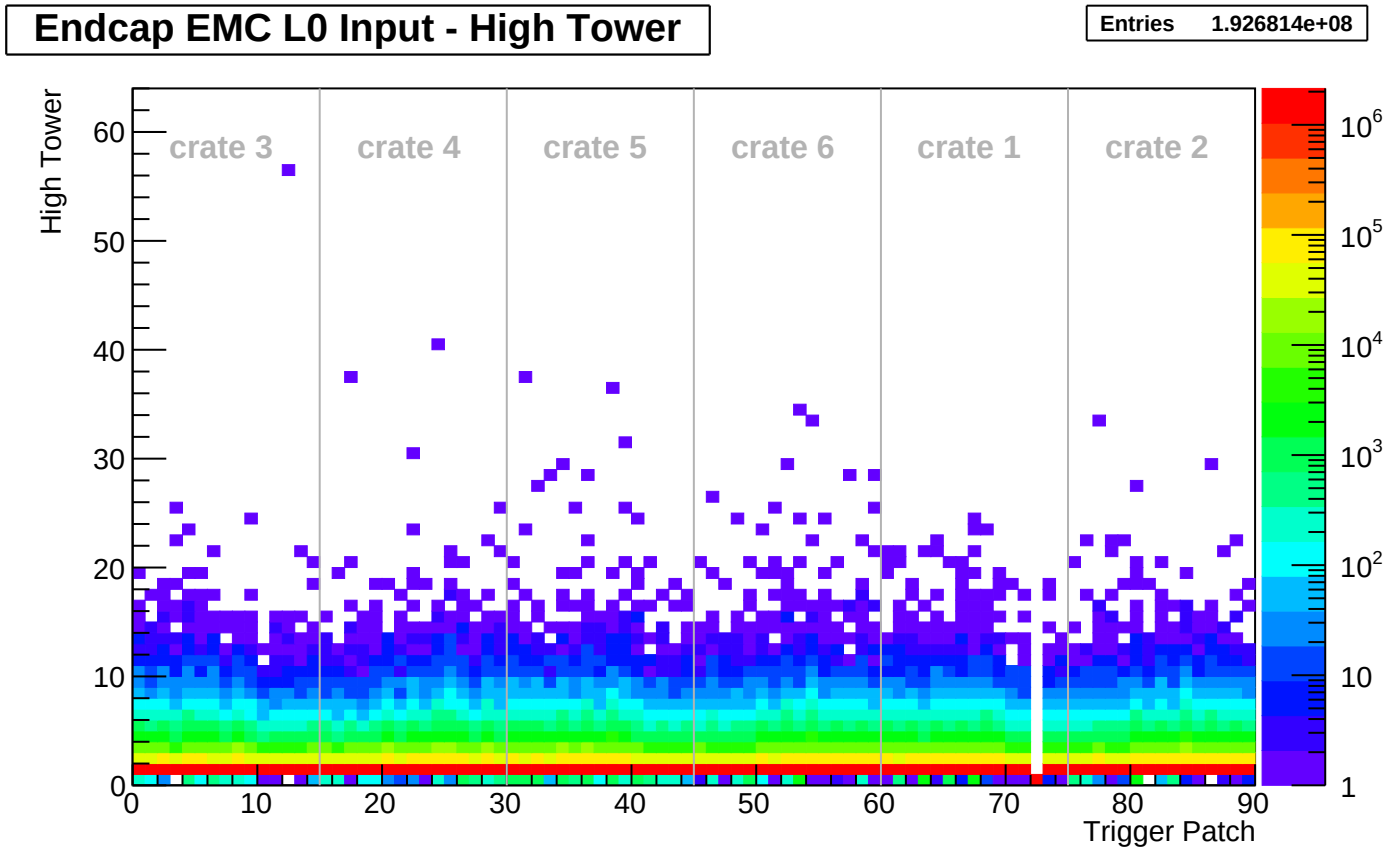
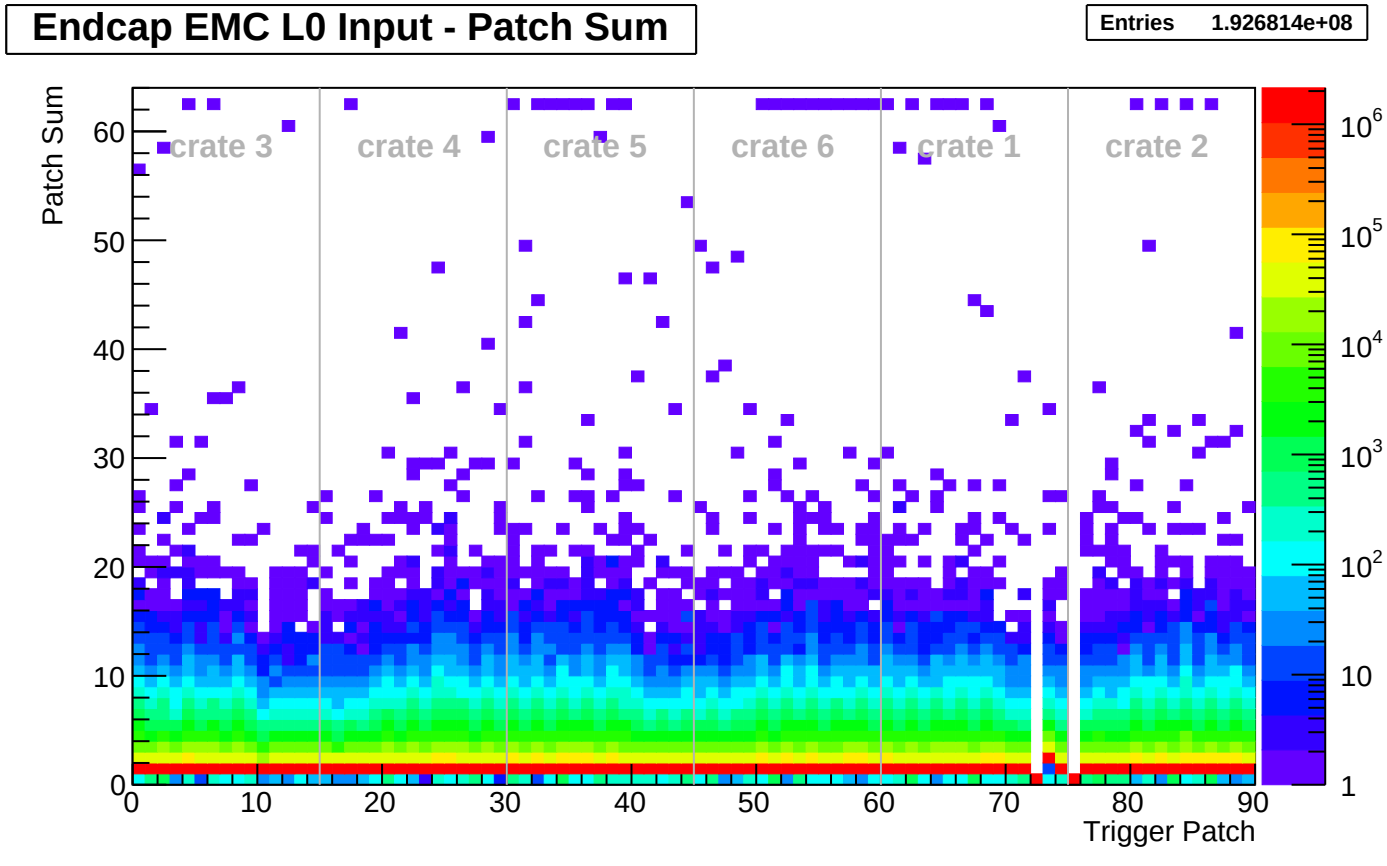
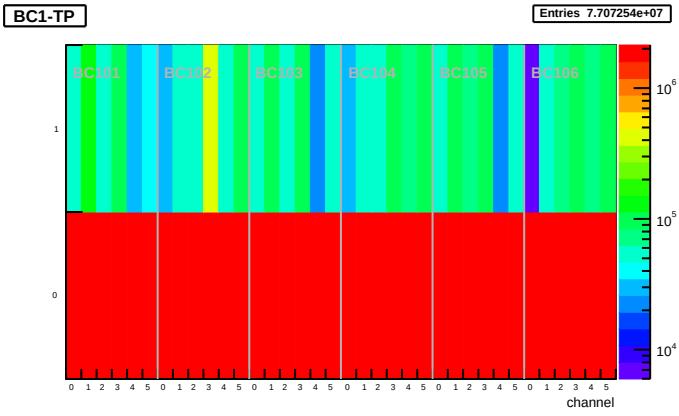
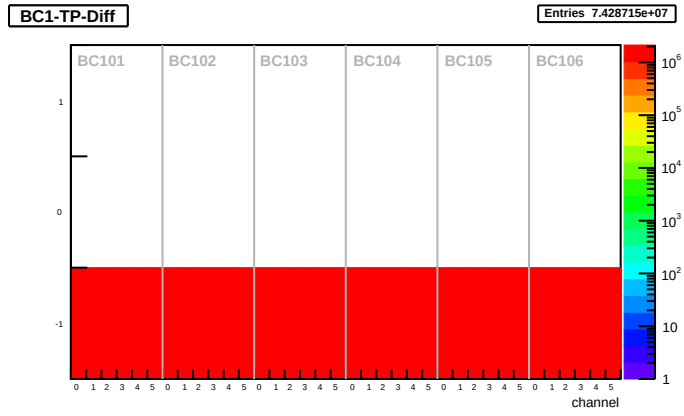

Barrel EMC L0 Input - High Tower
Entries 6.422712e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

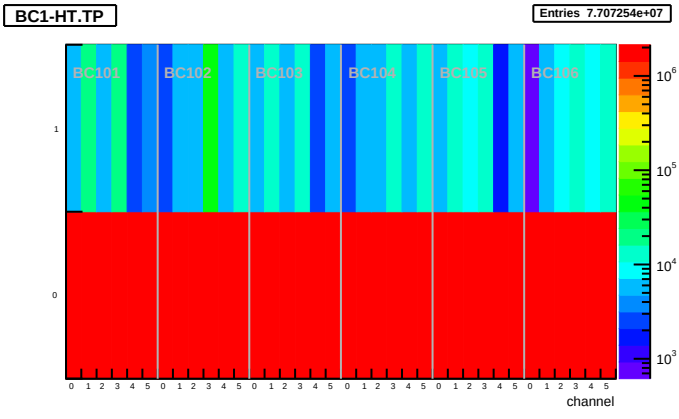

Barrel EMC L0 Input - Patch Sum
Entries 6.422712e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

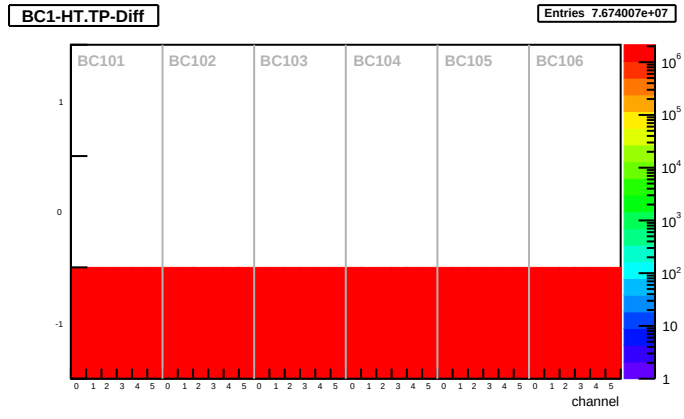

Endcap EMC L0 Input - High Tower
Entries 1.926814e+08
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

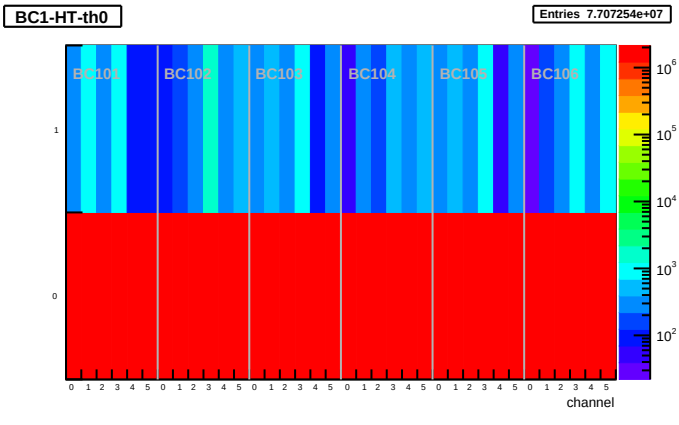

Endcap EMC L0 Input - Patch Sum
Entries 1.926814e+08
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

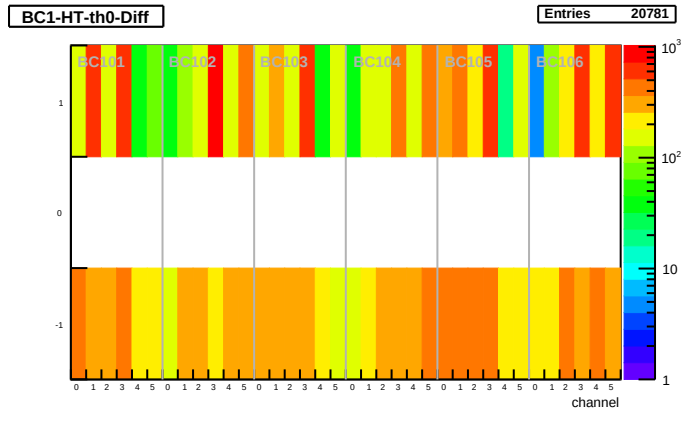

BC1-TP
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

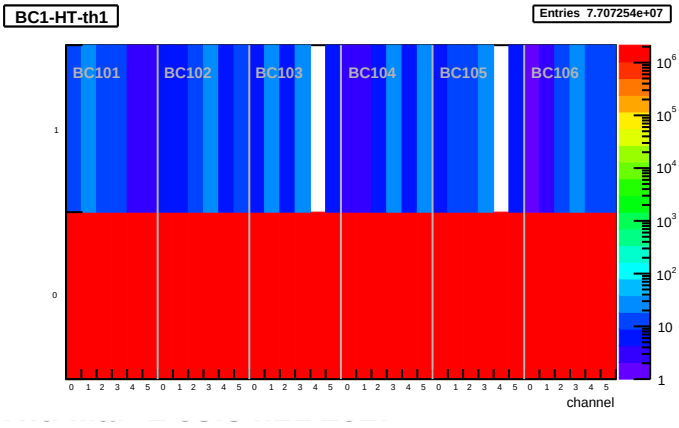

BC1-TP-Diff
Entries 7.428715e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

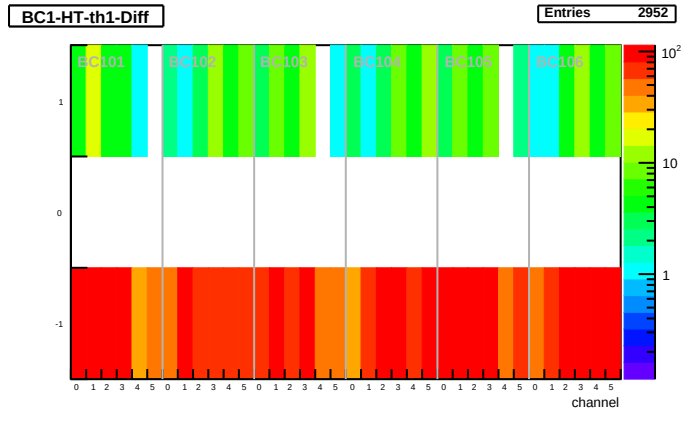

BC1-HT.TP
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

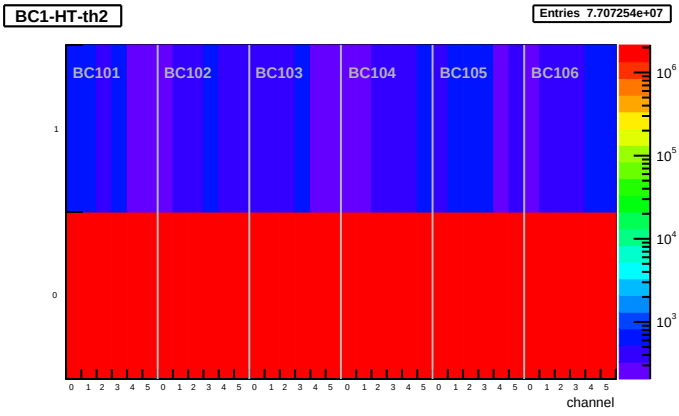

BC1-HT.TP-Diff
Entries 7.674007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

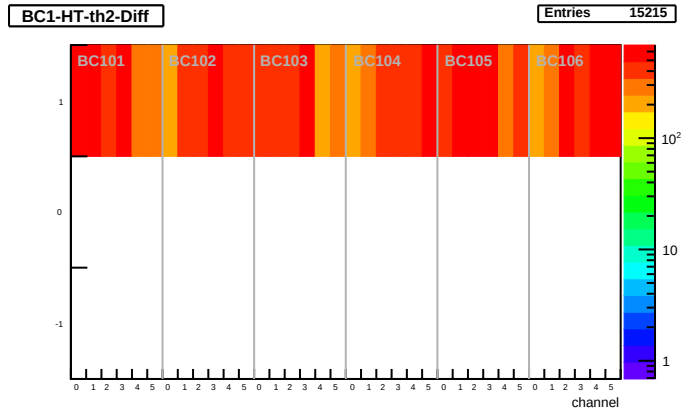

BC1-HT-th0
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

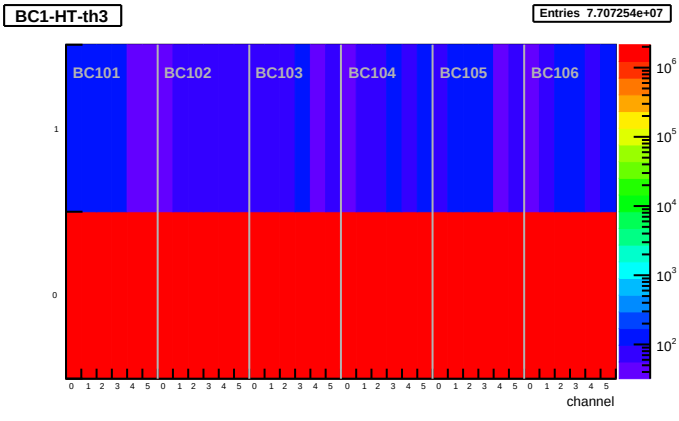

BC1-HT-th0-Diff
Entries 20781
BC101
BC102
BC103
BC104
BC105
BC106
channel

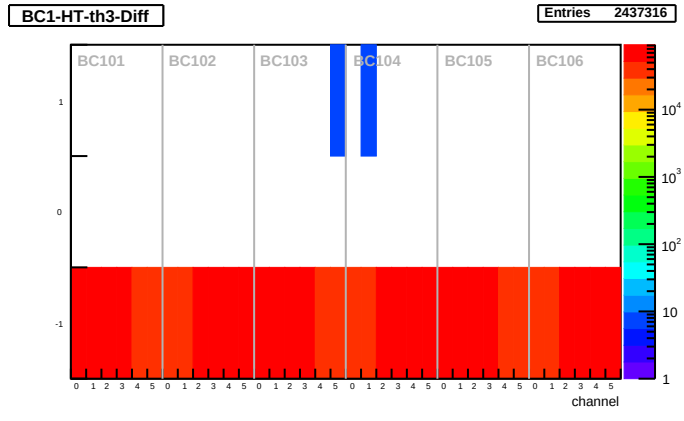

BC1-HT-th1
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

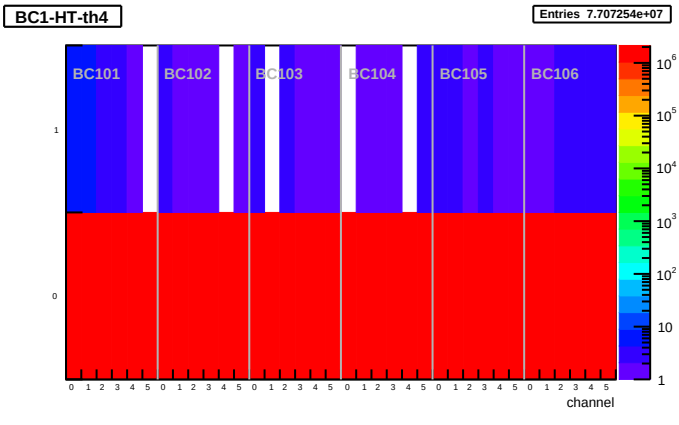

BC1-HT-th1-Diff
Entries 2952
BC101
BC102
BC103
BC104
BC105
BC106
channel

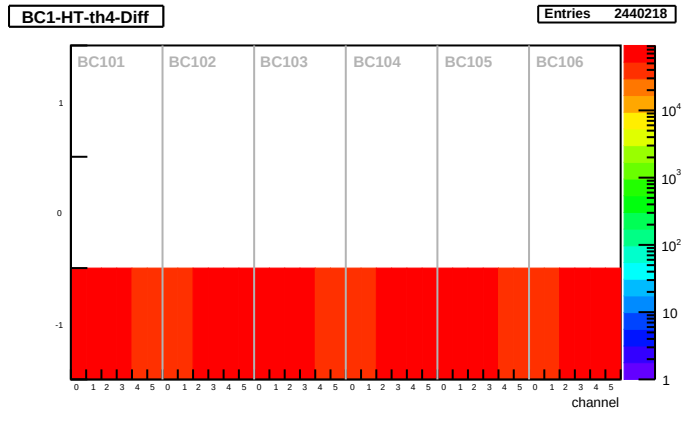

BC1-HT-th2
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

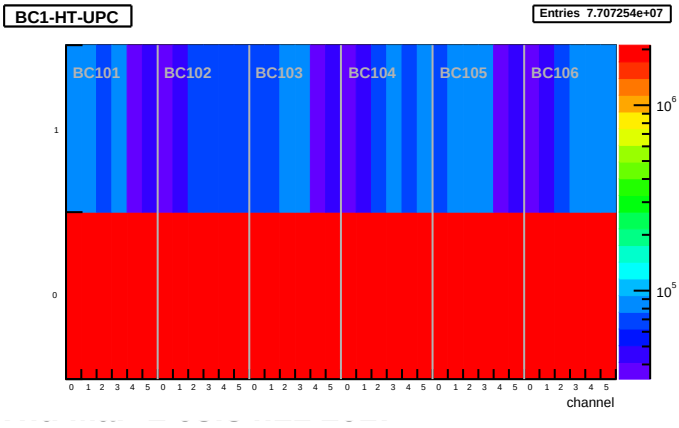

BC1-HT-th2-Diff
Entries 15215
BC101
BC102
BC103
BC104
BC105
BC106
channel

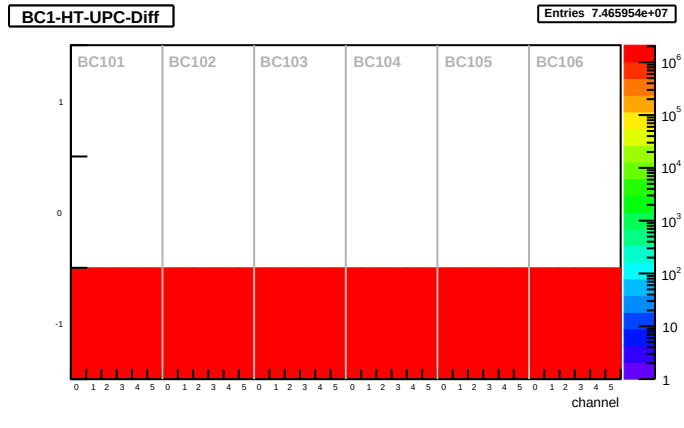

BC1-HT-th3
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

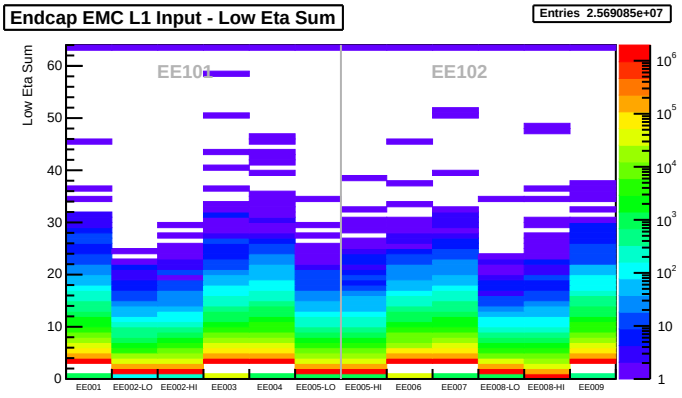

BC1-HT-th3-Diff
Entries 2437316
BC101
BC102
BC103
BC104
BC105
BC106
channel

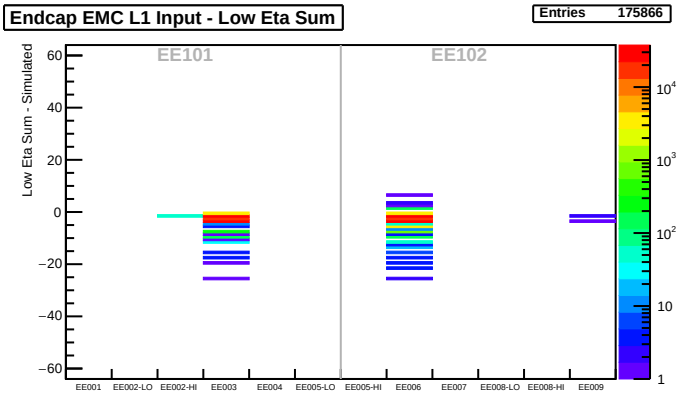

BC1-HT-th4
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

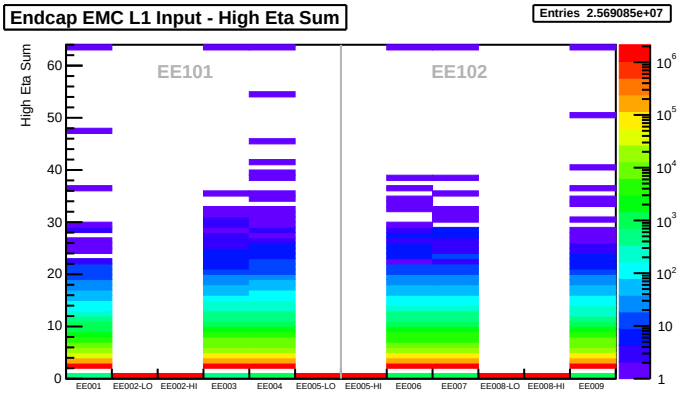

BC1-HT-th4-Diff
Entries 2440218
BC101
BC102
BC103
BC104
BC105
BC106
channel

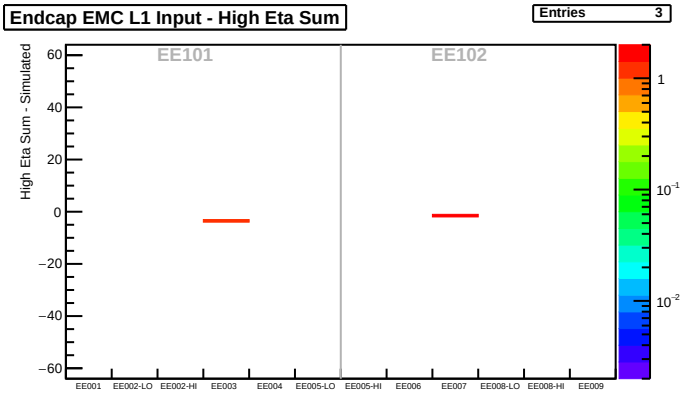

BC1-HT-UPC
Entries 7.707254e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

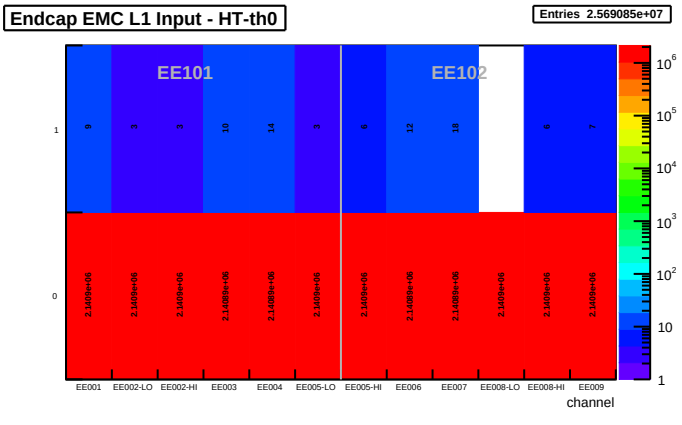

BC1-HT-UPC-Diff
Entries 7.465954e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

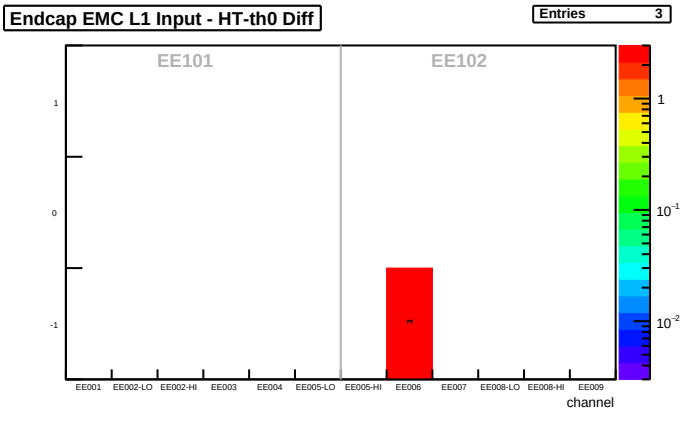

Endcap EMC L1 Input - Low Eta Sum
Entries 2.569085e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

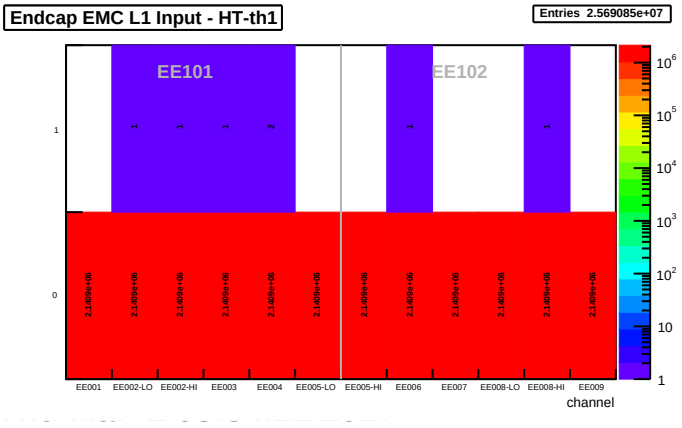

Endcap EMC L1 Input - Low Eta Sum
Entries 175866
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

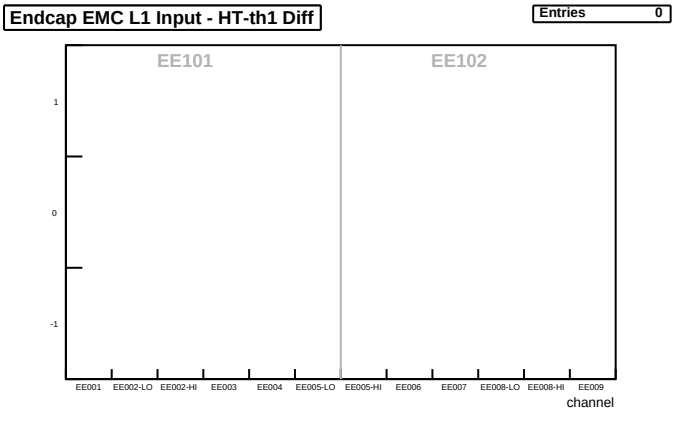

Endcap EMC L1 Input - High Eta Sum
Entries 2.569085e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

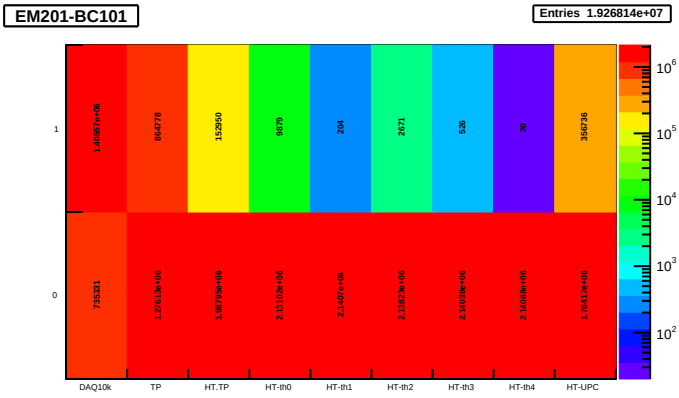

Endcap EMC L1 Input - High Eta Sum
Entries 3
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

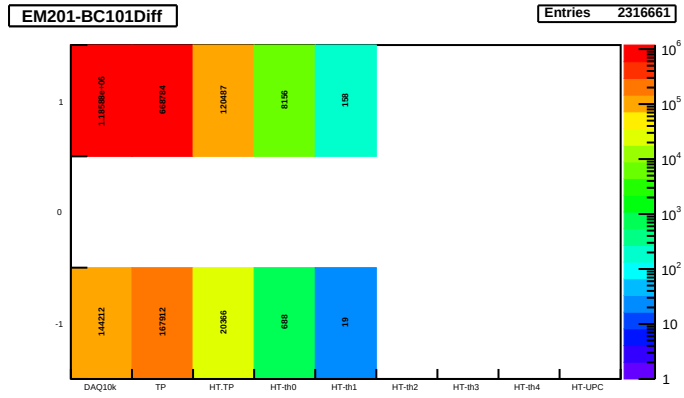

Endcap EMC L1 Input - HT-th0
Entries 2.569085e+07
EE101
EE102
channel
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

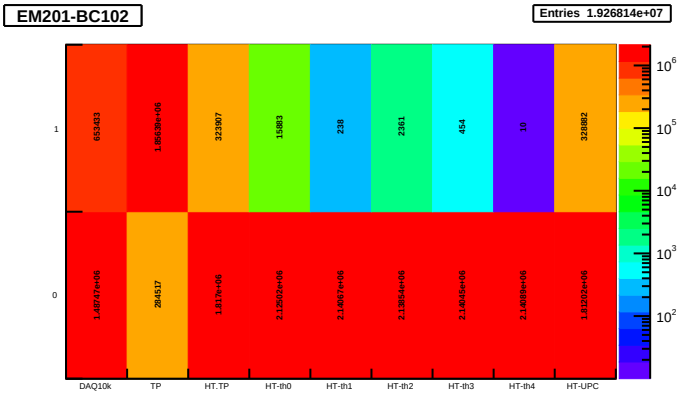

Endcap EMC L1 Input - HT-th0 Diff
Entries 3
EE101
EE102
channel
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

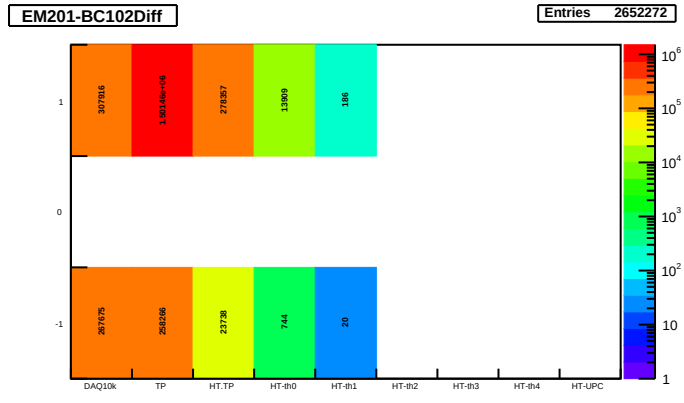

Endcap EMC L1 Input - HT-th1
Entries 2.569085e+07
EE101
EE102
channel
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

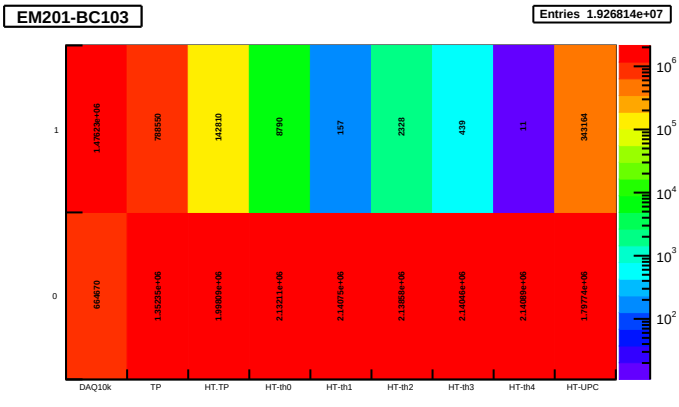

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
channel
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

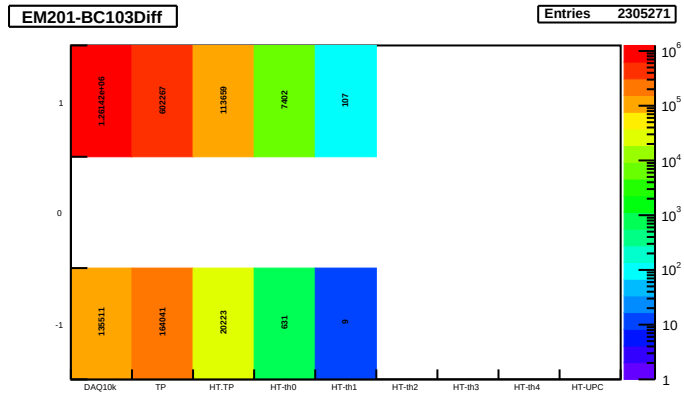

EM201-BC101
Entries 1.926814e+07
1.49557e+06
864778
152950
9879
204
2471
526
20
356736
735331
1.27613e+06
1.99795e+06
2.13102e+06
2.1407e+06
2.13323e+06
2.14039e+06
2.14088e+06
1.78412e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

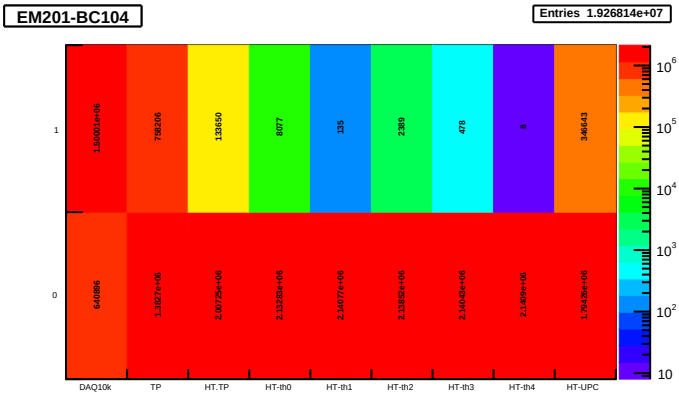

EM201-BC101Diff
Entries 2316661
1.18589e+06
668764
120487
8156
158
144212
167912
20366
688
19
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

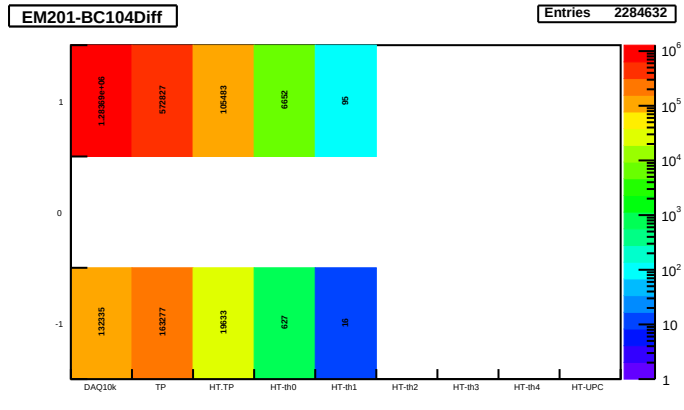

EM201-BC102
Entries 1.926814e+07
653483
1.85639e+06
323907
15883
238
2361
454
10
320882
1.48747e+06
284517
1.817e+06
2.12502e+06
2.14067e+06
2.13954e+06
2.14045e+06
2.14089e+06
1.81202e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2652272
307916
1.50146e+06
278357
13909
186
257675
258266
23728
744
20
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

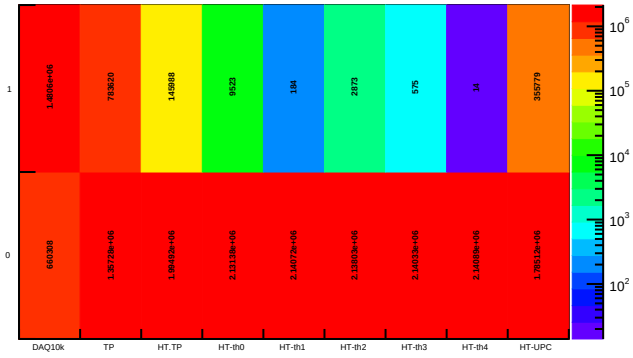

EM201-BC103
Entries 1.926814e+07
1.47623e+06
788550
142810
8790
157
2328
439
11
343164
664870
1.35235e+06
1.99859e+06
2.13211e+06
2.14075e+06
2.13858e+06
2.14046e+06
2.14089e+06
1.79774e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2305271
1.26142e+06
602287
113659
7402
107
135511
164041
20223
631
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

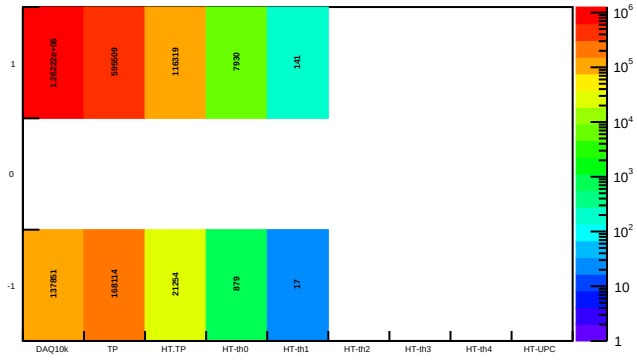

EM201-BC104
Entries 1.926814e+07
1.50001e+06
798206
133650
8077
135
2389
478
8
346643
640986
1.3827e+06
2.00725e+06
2.13283e+06
2.14077e+06
2.13852e+06
2.14043e+06
2.1409e+06
1.79428e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2284632
1.28369e+06
572827
105483
6652
95
132235
163277
19633
627
16
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

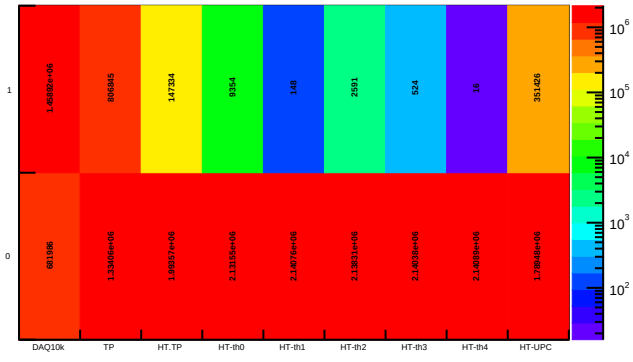
**EM201-BC105** Entries 1.926814e+07



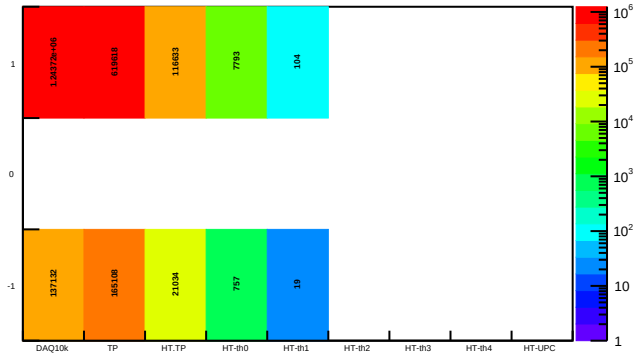

**EM201-BC105Diff** Entries 2310236



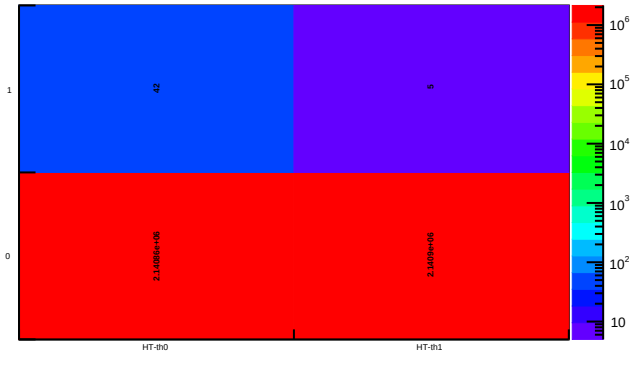

**EM201-BC106** Entries 1.926814e+07



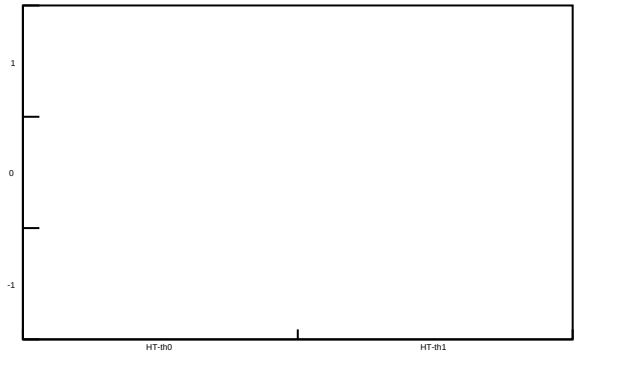

**EM201-BC106Diff** Entries 2311913



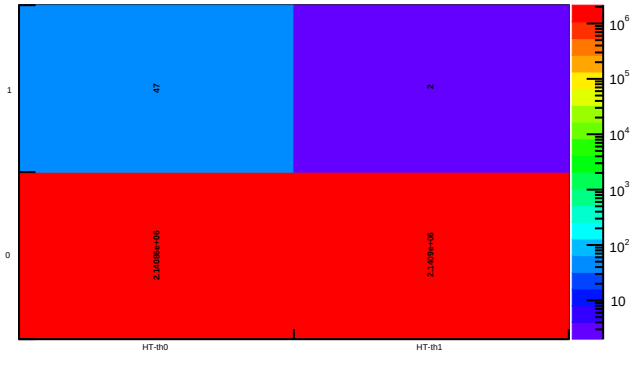

**EM201-EE101** Entries 4281808



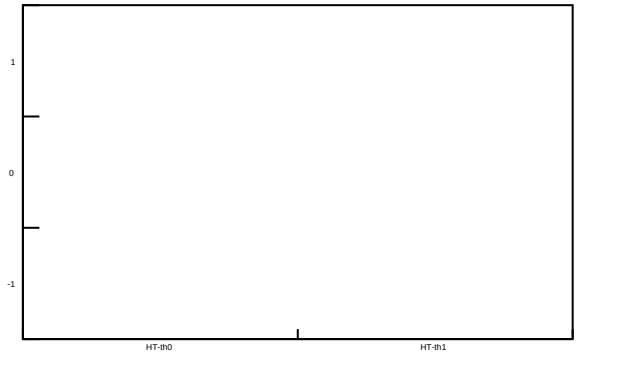

**EM201-EE101Diff** Entries 0

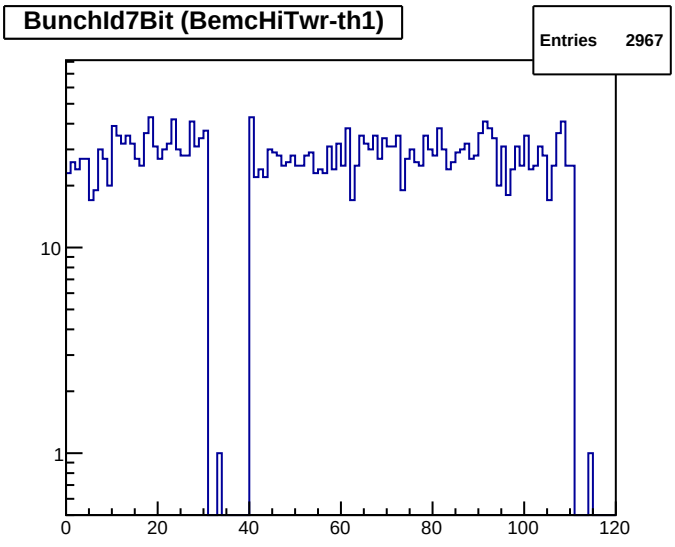


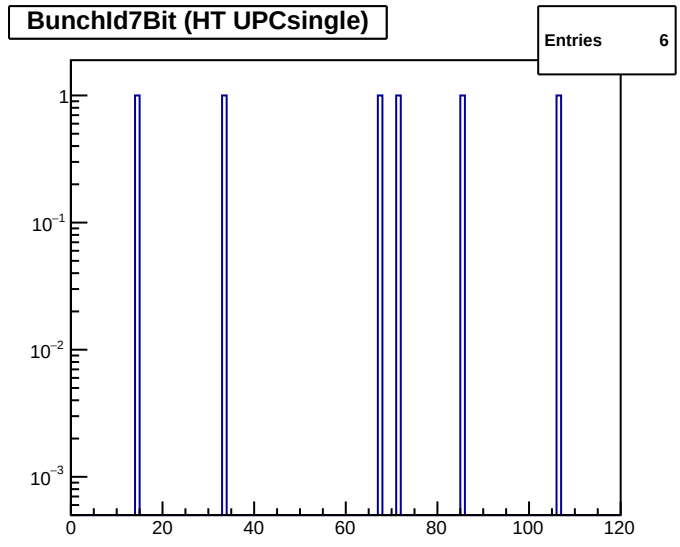

**EM201-EE102** Entries 4281808

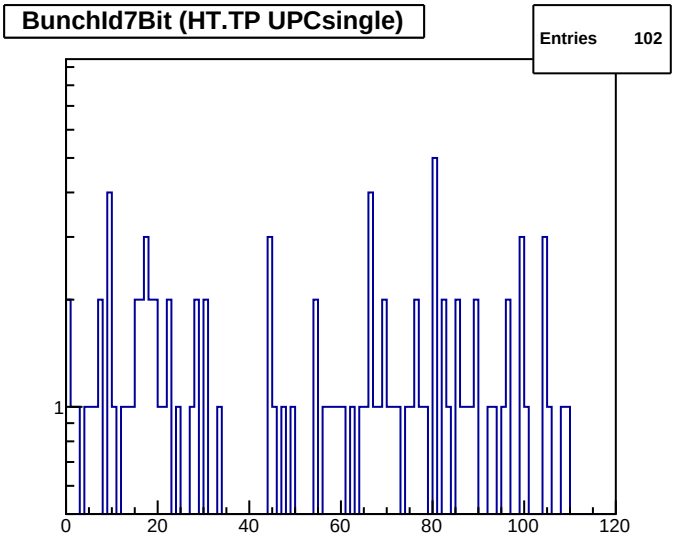


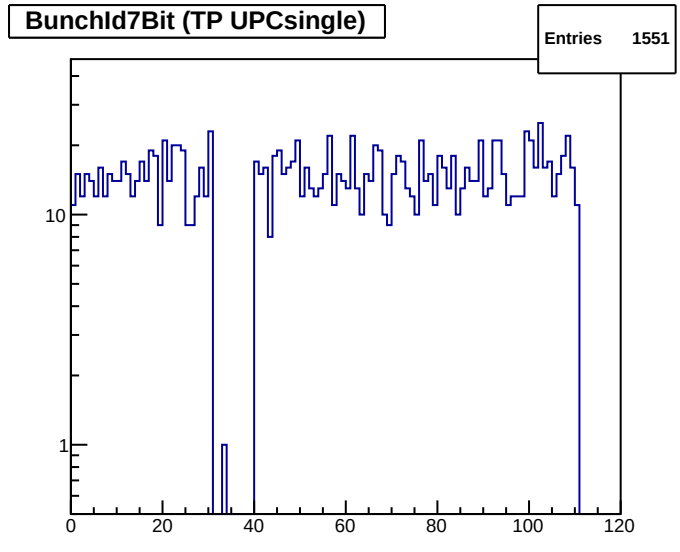

**EM201-EE102Diff** Entries 0

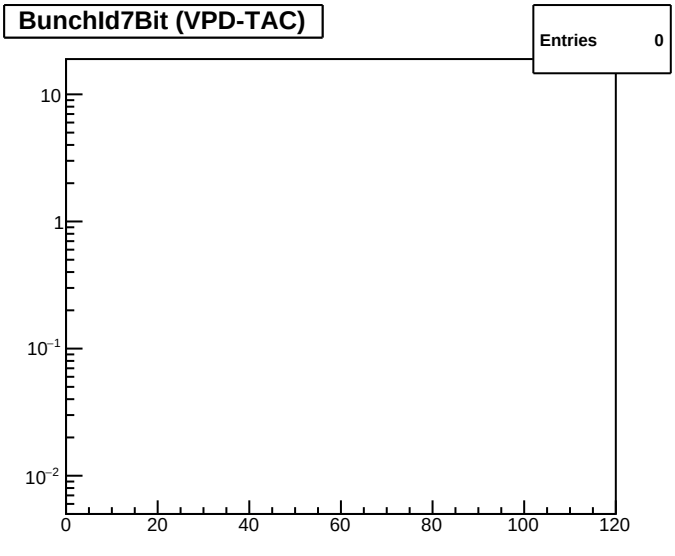


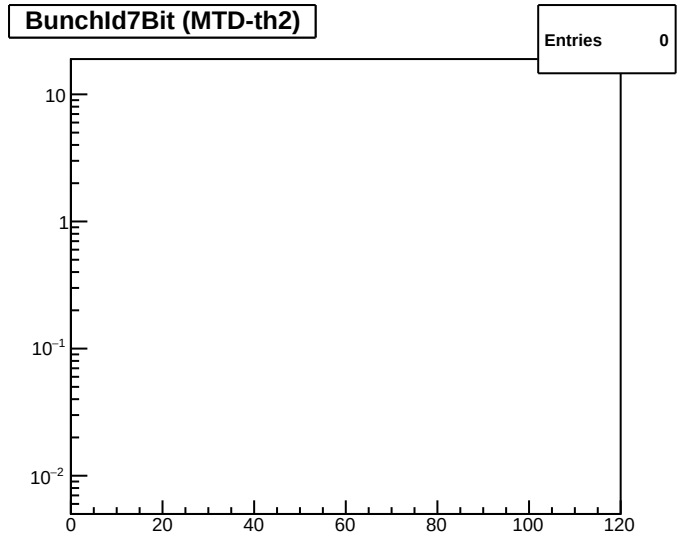

BunchId7Bit (BemcHiTwr-th1)
Entries 2967
10
1
0
20
40
60
80
100
120

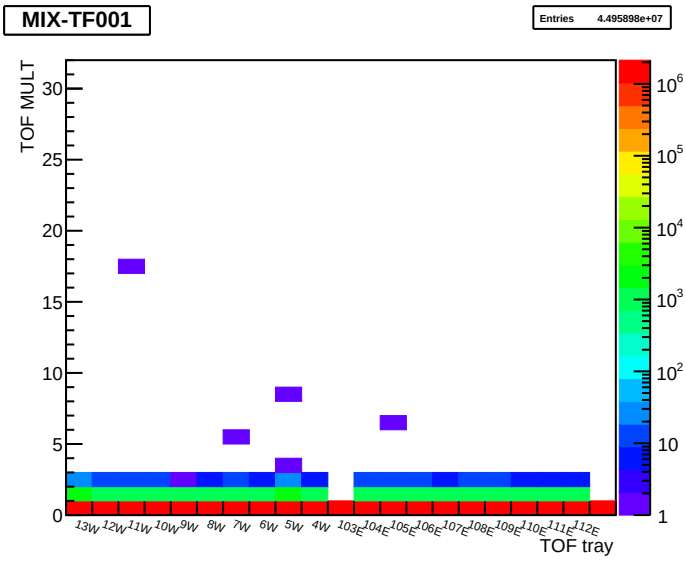

BunchId7Bit (HT UPCsingle)
Entries 6
1
$10^{-1}$
$10^{-2}$
$10^{-3}$
0
20
40
60
80
100
120

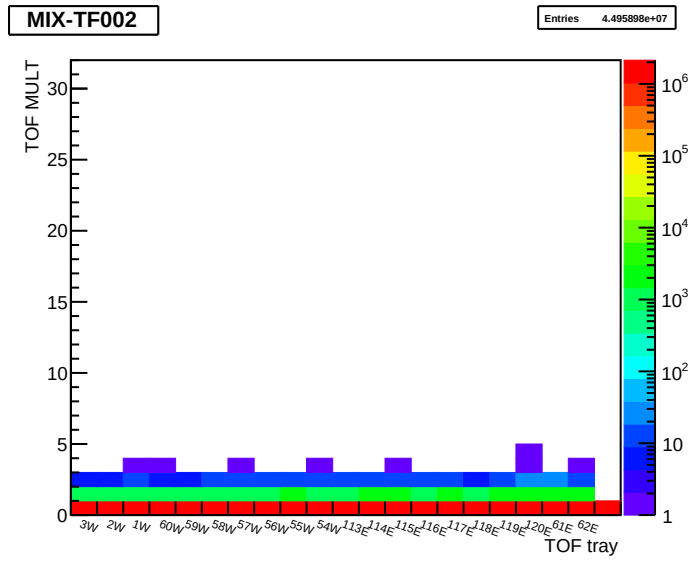

BunchId7Bit (HT.TP UPCsingle)
Entries 102
1
0
20
40
60
80
100
120

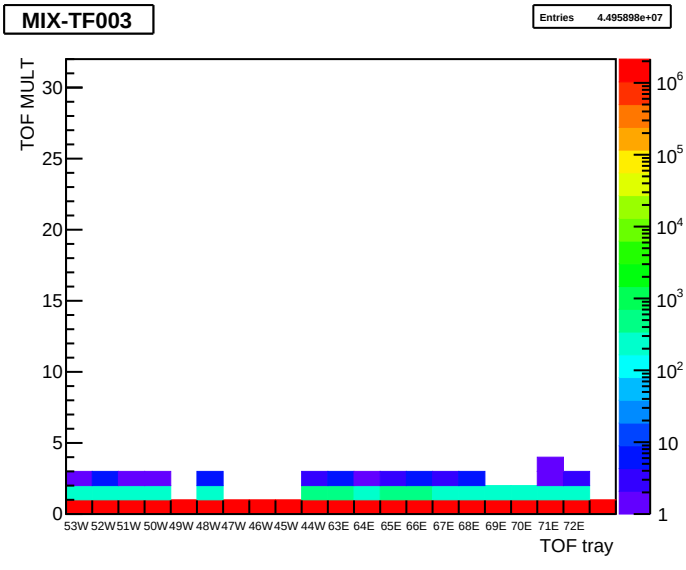

BunchId7Bit (TP UPCsingle)
Entries 1551
10
1
0
20
40
60
80
100
120

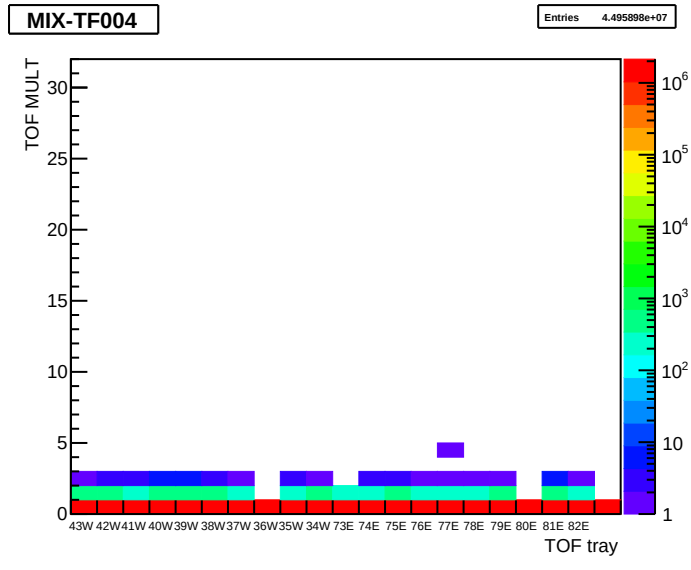

BunchId7Bit (VPD-TAC)
Entries 0
10
1
$10^{-1}$
$10^{-2}$
0
20
40
60
80
100
120

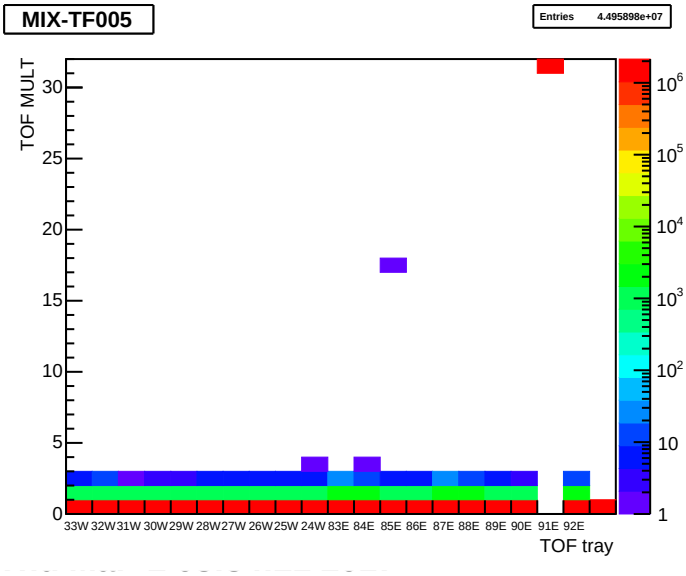

BunchId7Bit (MTD-th2)
Entries 0
10
1
$10^{-1}$
$10^{-2}$
0
20
40
60
80
100
120

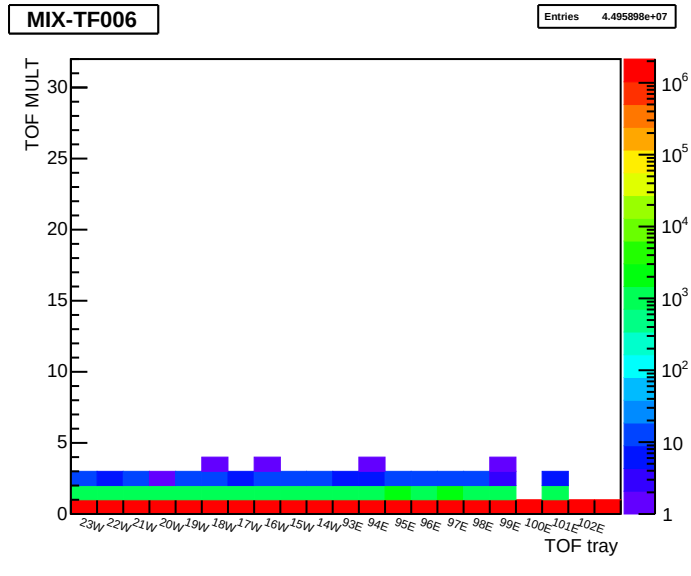

MIX-TF001
Entries 4.495898e+07
TOF MULT
TOF tray

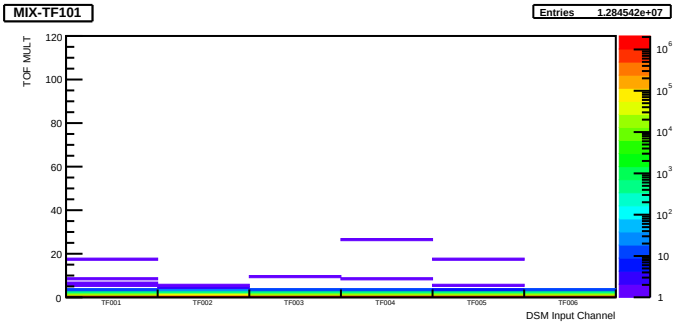

MIX-TF002
Entries 4.495898e+07
TOF MULT
TOF tray

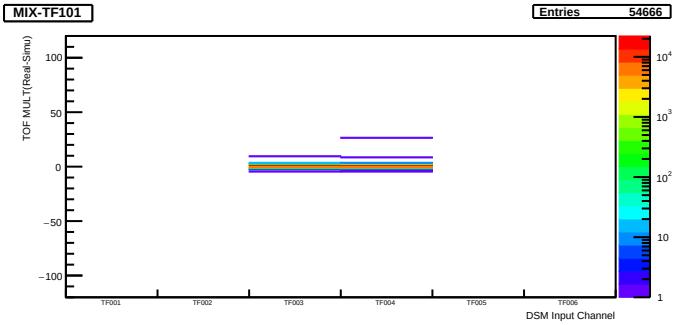

MIX-TF003
Entries 4.495898e+07
TOF MULT
TOF tray

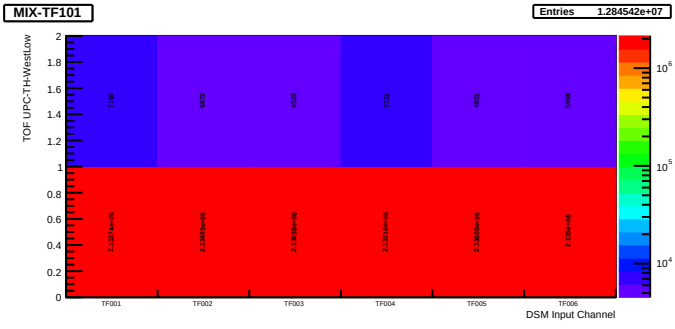

MIX-TF004
Entries 4.495898e+07
TOF MULT
TOF tray

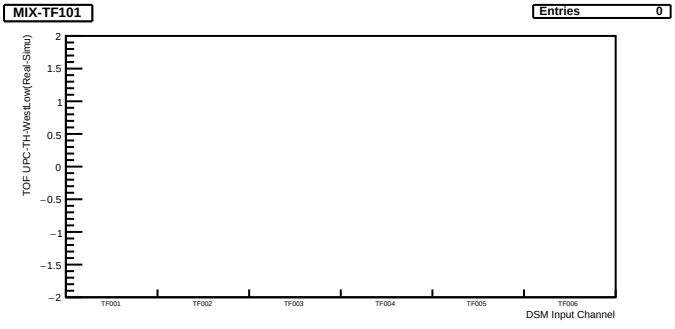

MIX-TF005
Entries 4.495898e+07
TOF MULT
TOF tray

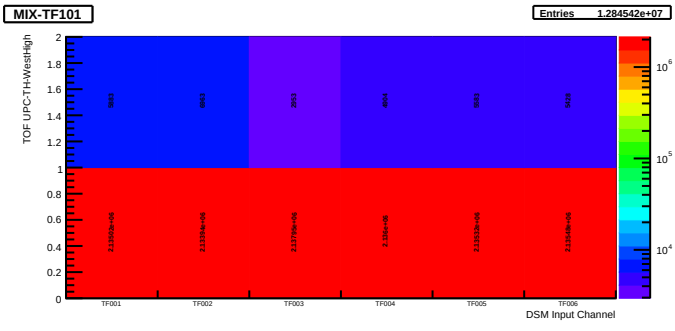

MIX-TF006
Entries 4.495898e+07
TOF MULT
TOF tray

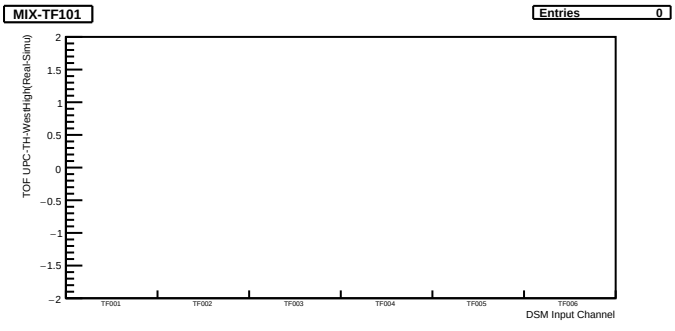

MIX-TF101
Entries 1.284542e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

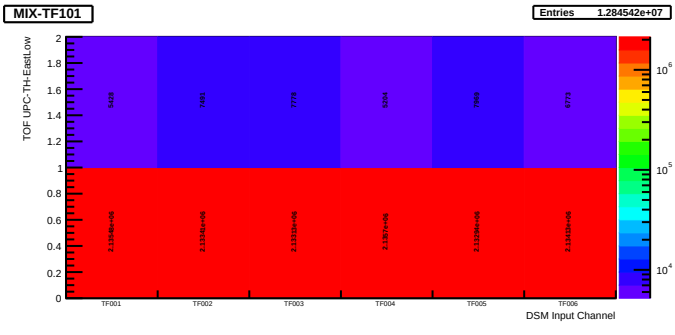

MIX-TF101
Entries 54666
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

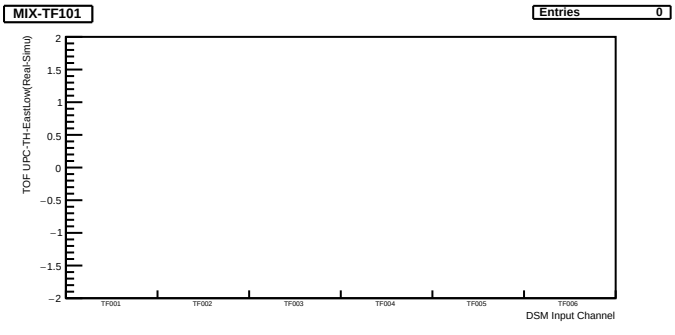

MIX-TF101
Entries 1.284542e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

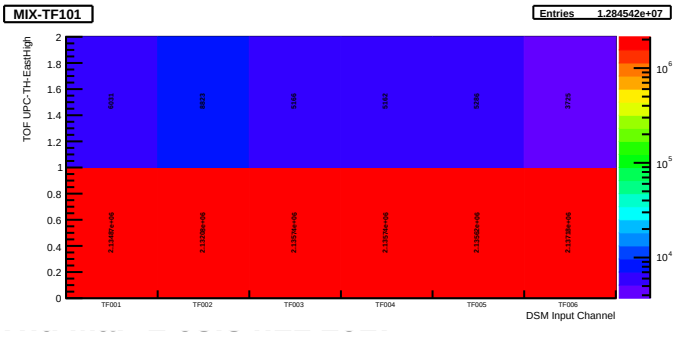

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

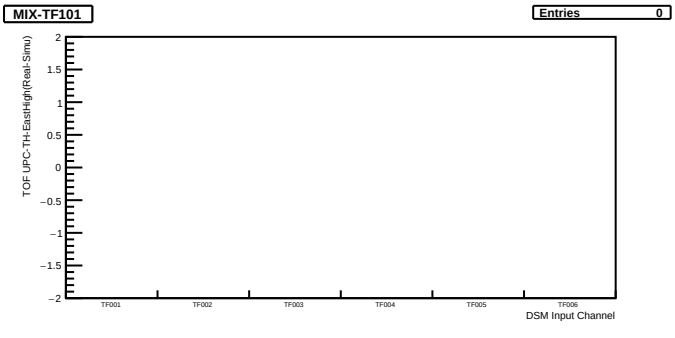

MIX-TF101
Entries 1.284542e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

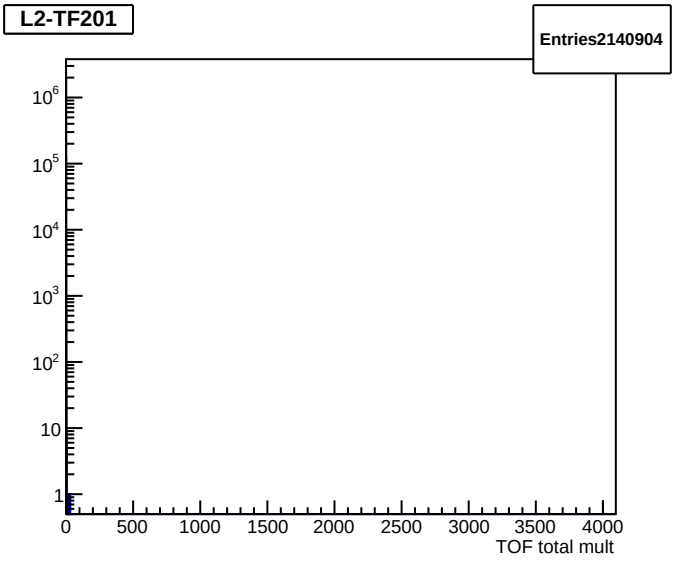

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

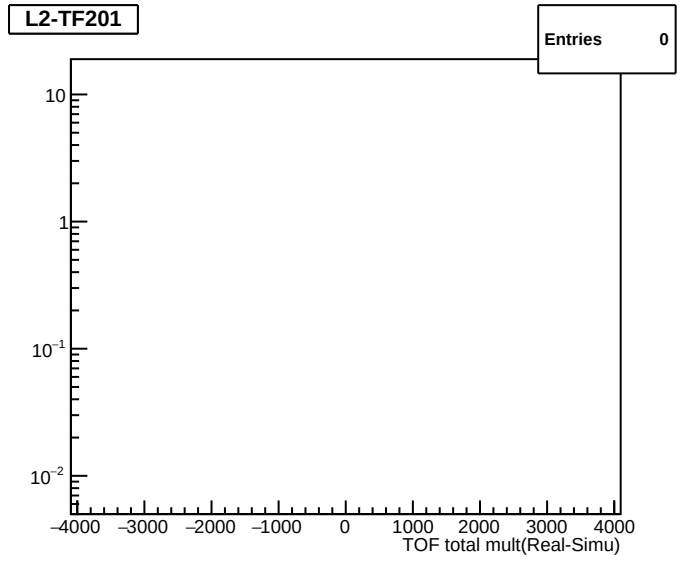

MIX-TF101
Entries 1.284542e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

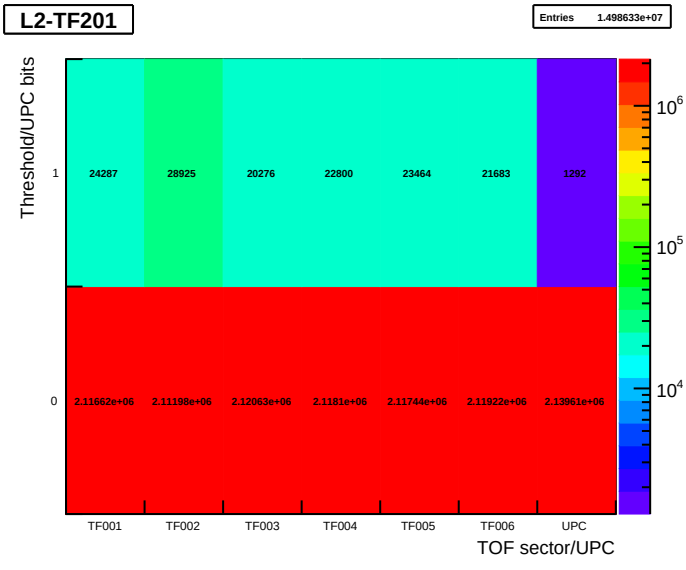

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

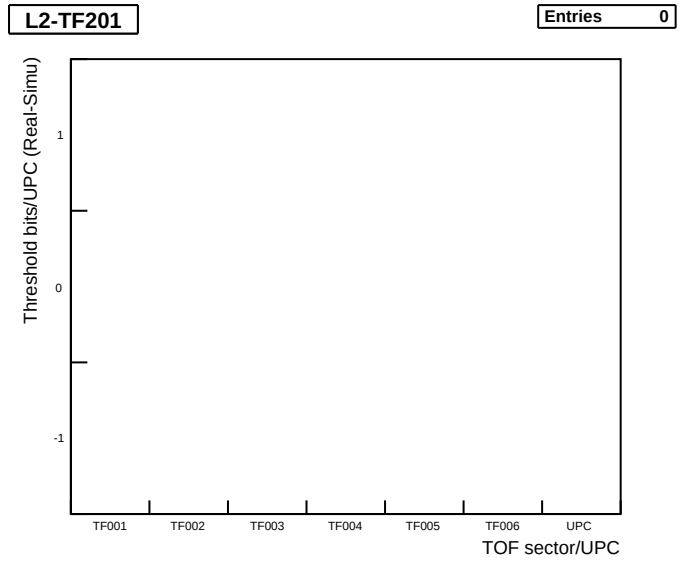

MIX-TF101
Entries 1.284542e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

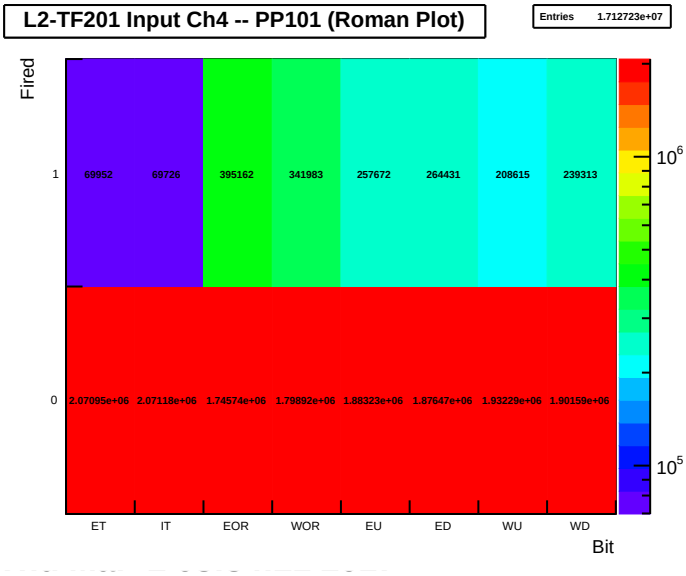

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

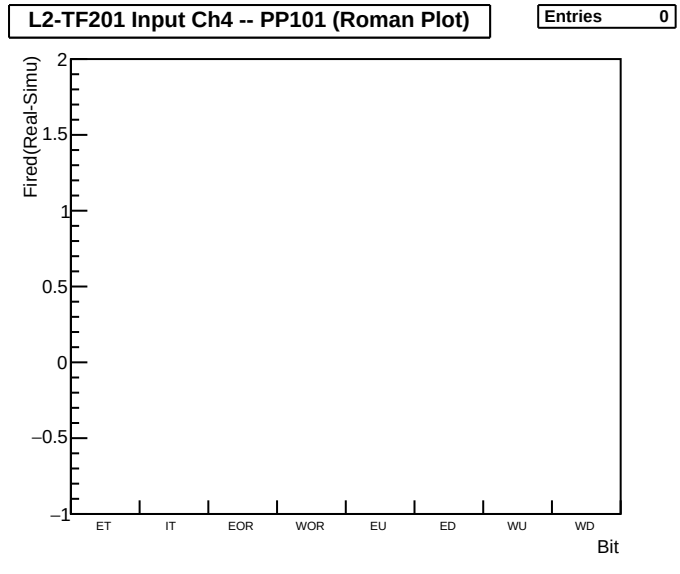

L2-TF201
Entries2140904
TOF total mult

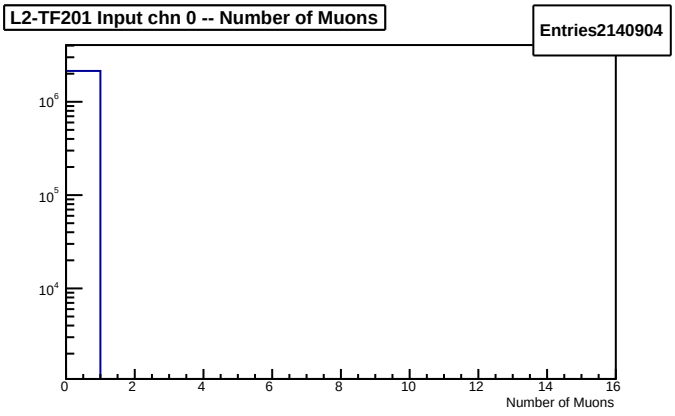

L2-TF201
Entries 0
TOF total mult(Real-Simu)

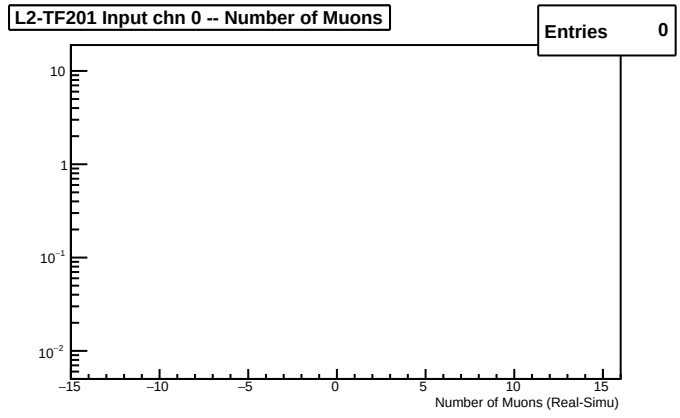

L2-TF201
Entries 1.498633e+07
Threshold/UPC bits
24287
28925
20276
22800
23464
21683
1292
2.11662e+06
2.11198e+06
2.12063e+06
2.1181e+06
2.11744e+06
2.11922e+06
2.13961e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

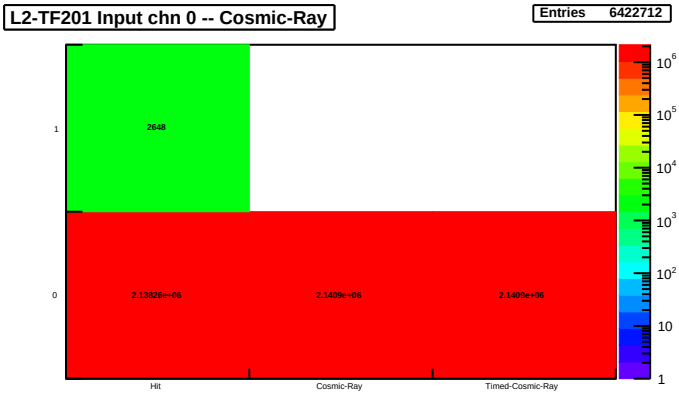

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

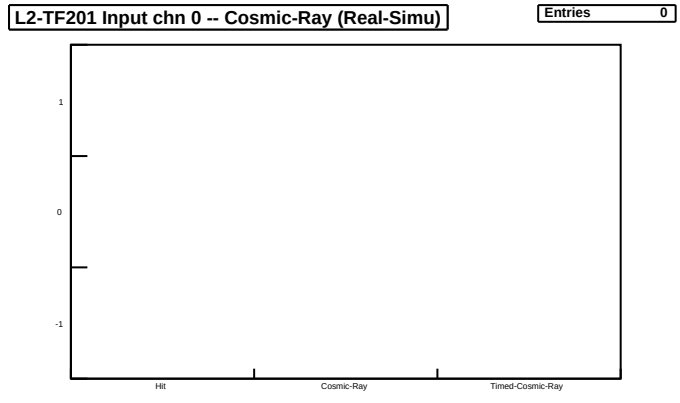

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.712723e+07
Fired
69952
69726
395162
341983
257672
264431
208615
239313
2.07095e+06
2.07118e+06
1.74574e+06
1.79892e+06
1.88323e+06
1.87647e+06
1.93229e+06
1.90159e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

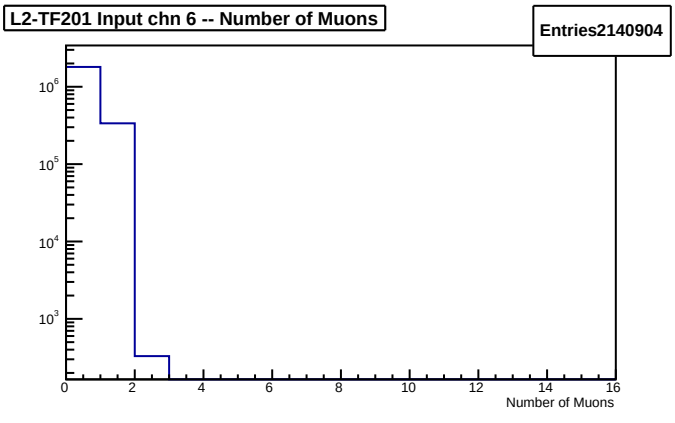

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

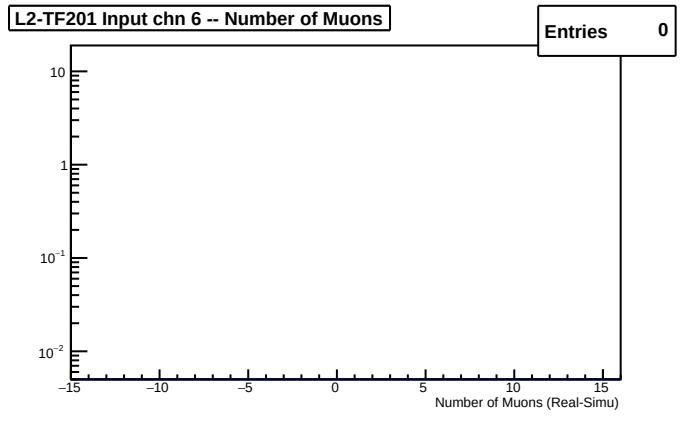

L2-TF201 Input chn 0 -- Number of Muons
Entries2140904
Number of Muons

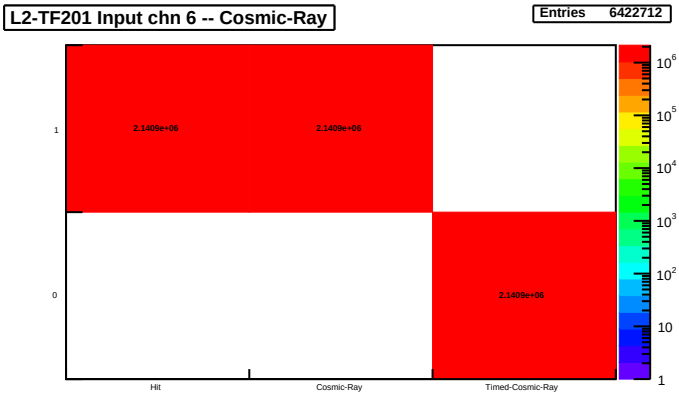

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

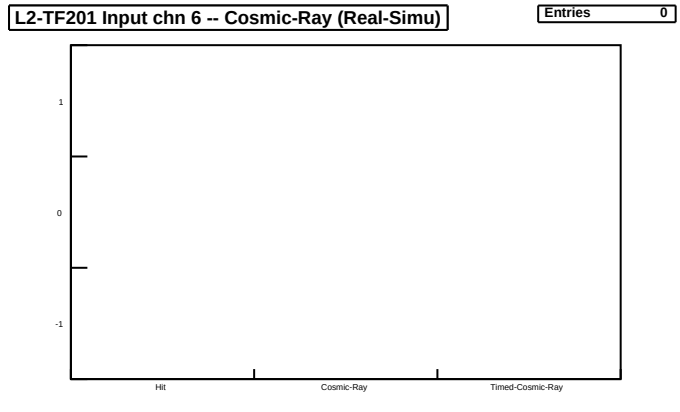

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6422712
2648
2.13826e+06
2.1409e+06
2.1409e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

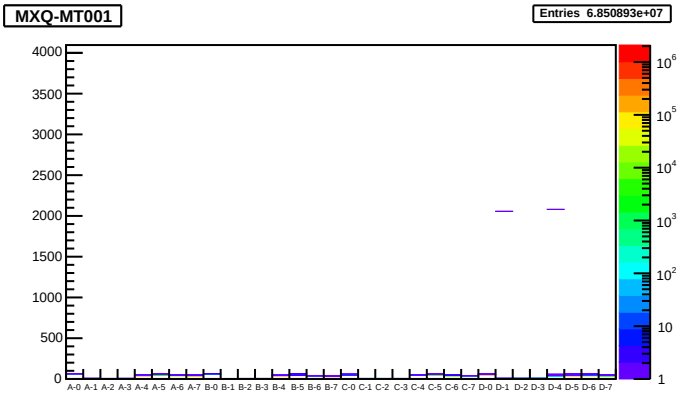

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

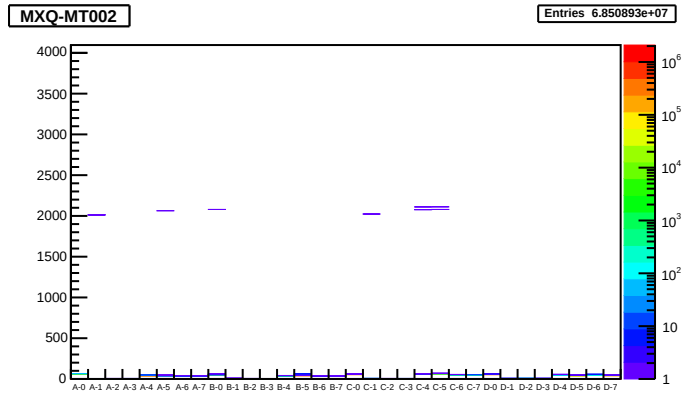

L2-TF201 Input chn 6 -- Number of Muons
Entries2140904
Number of Muons

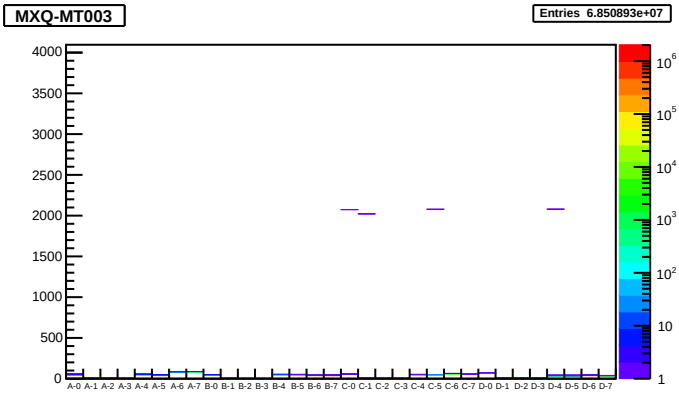

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

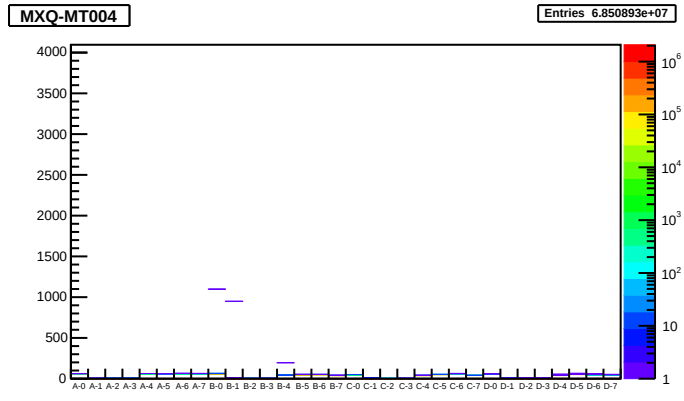

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6422712
2.1409e+06
2.1409e+06
2.1409e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

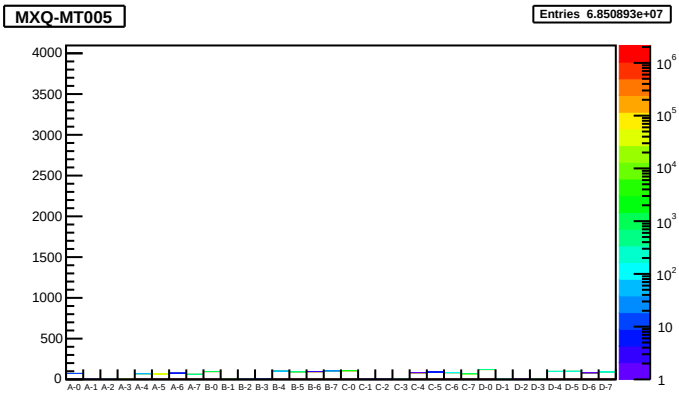

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

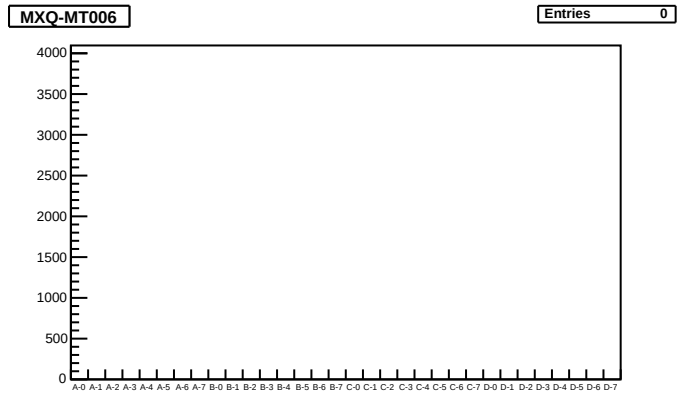

MXQ-MT001
Entries 6.850893e+07

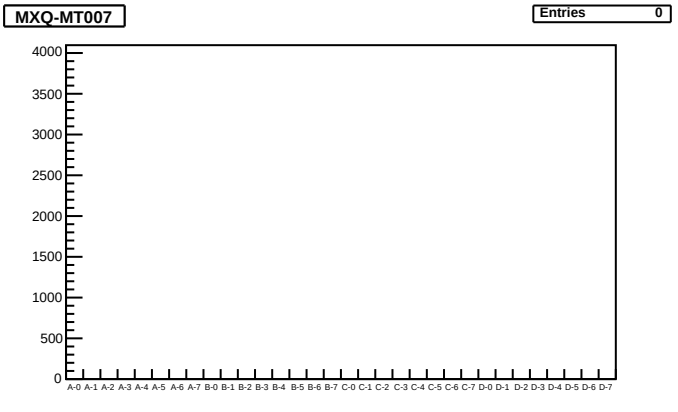

MXQ-MT002
Entries 6.850893e+07

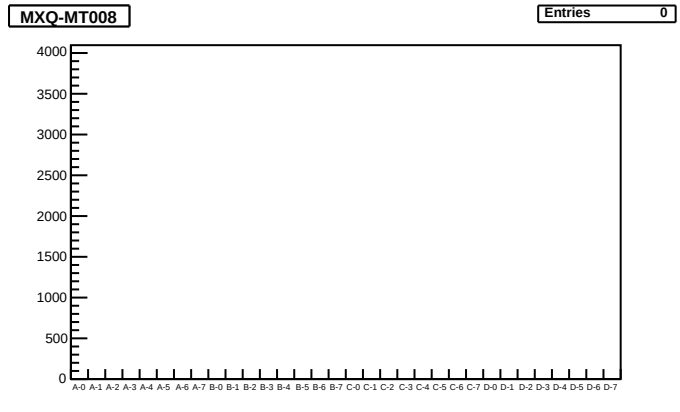

MXQ-MT003
Entries 6.850893e+07

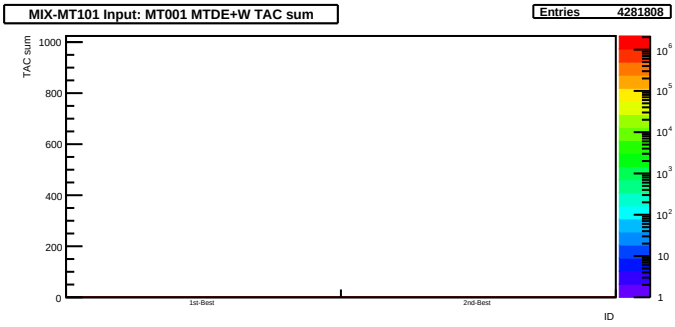

MXQ-MT004
Entries 6.850893e+07

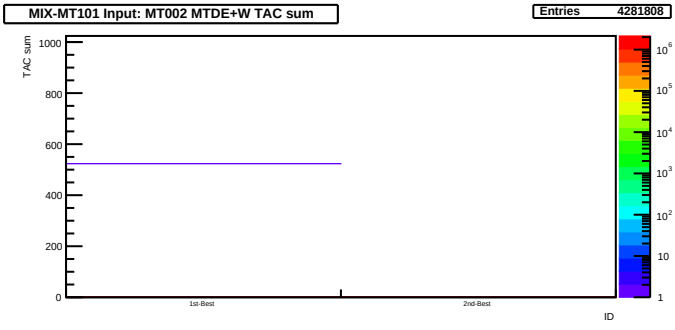

MXQ-MT005
Entries 6.850893e+07

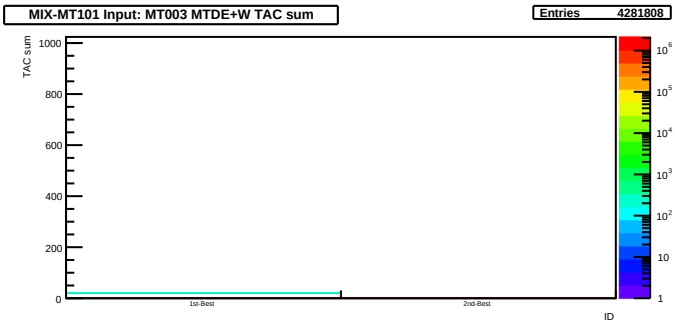

MXQ-MT006
Entries 0

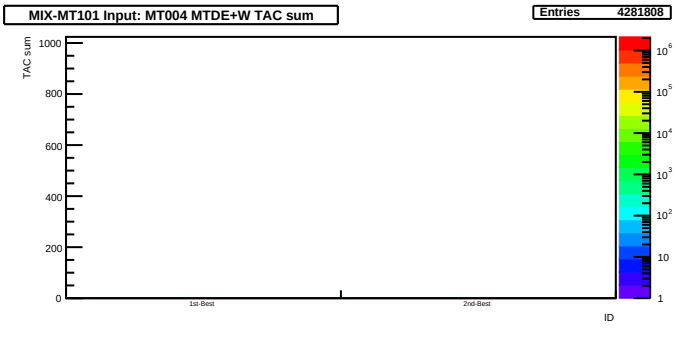

MXQ-MT007
Entries 0

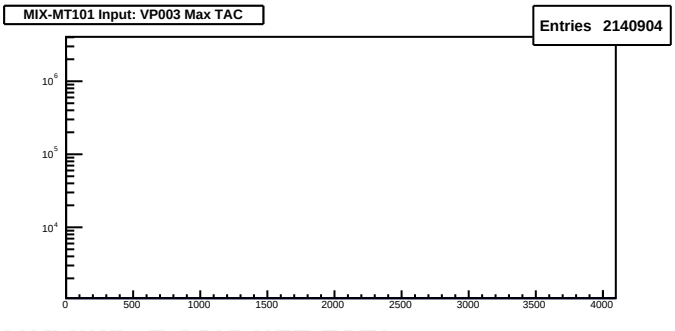

MXQ-MT008
Entries 0

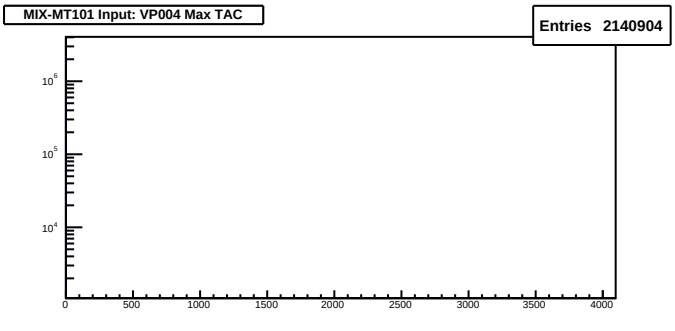

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

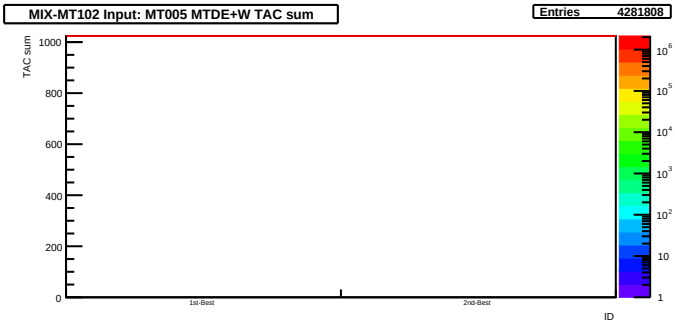

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

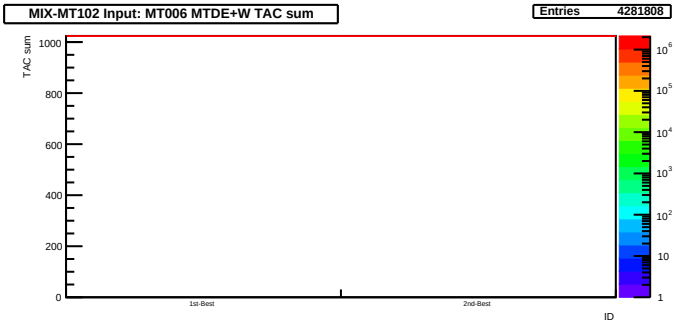

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

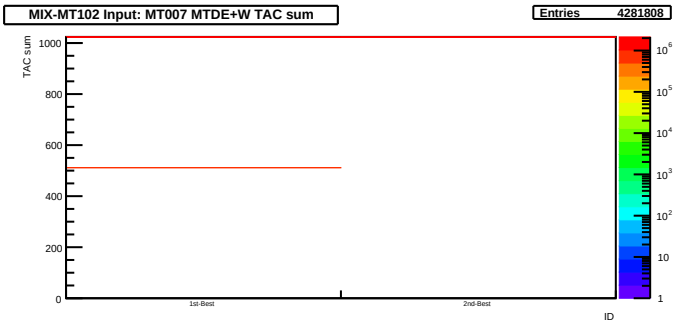

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

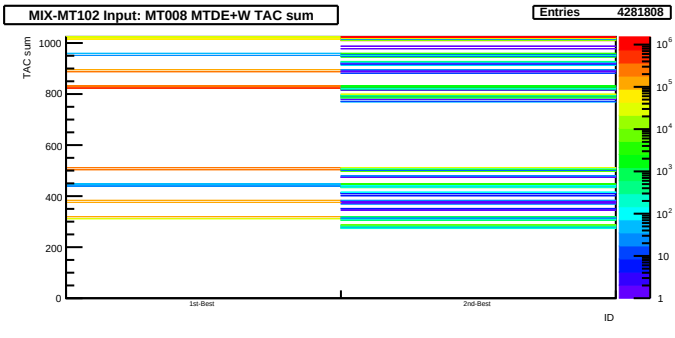

MIX-MT101 Input: VP003 Max TAC
Entries 2140904

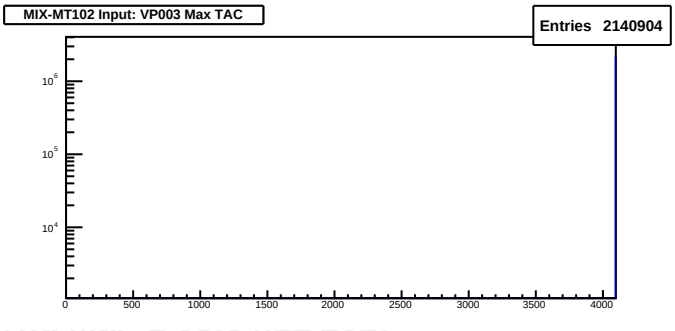

MIX-MT101 Input: VP004 Max TAC
Entries 2140904

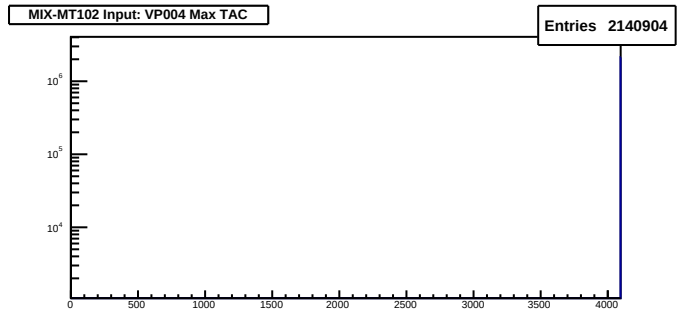

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

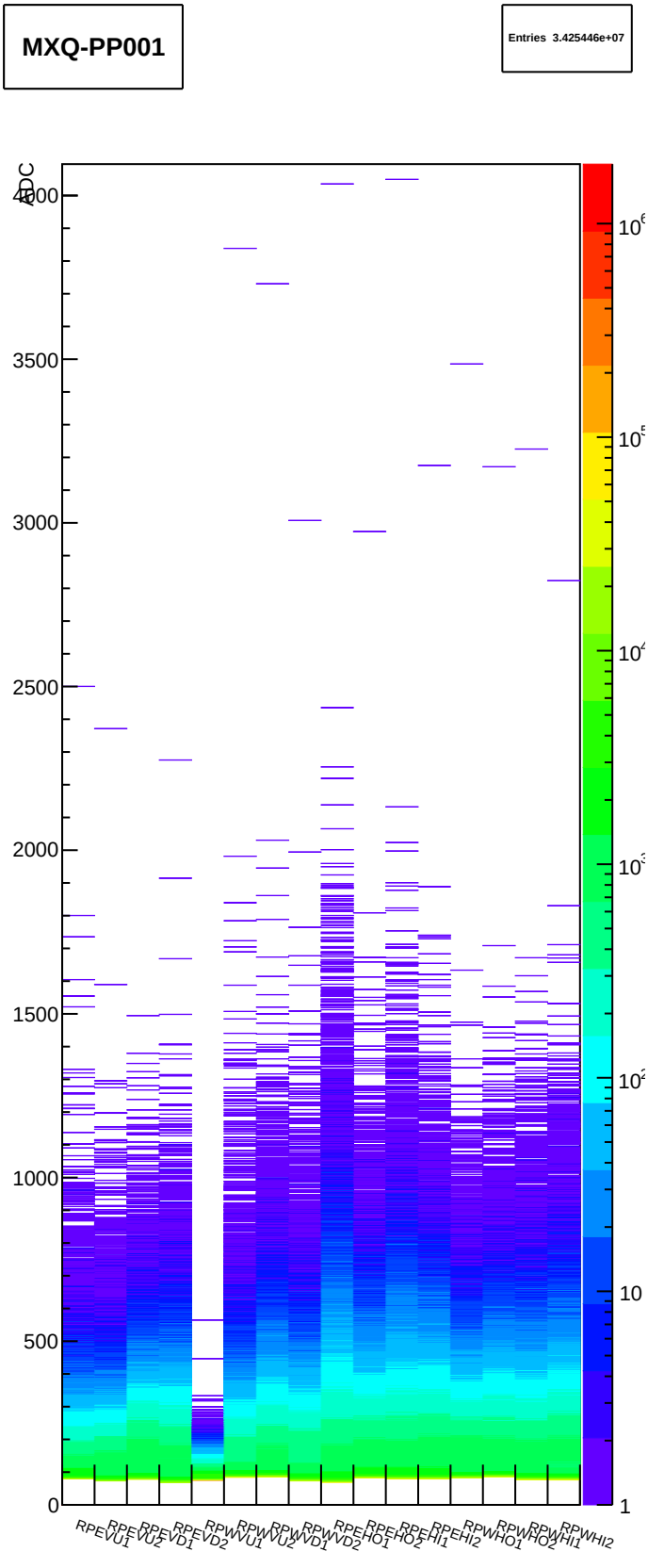

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

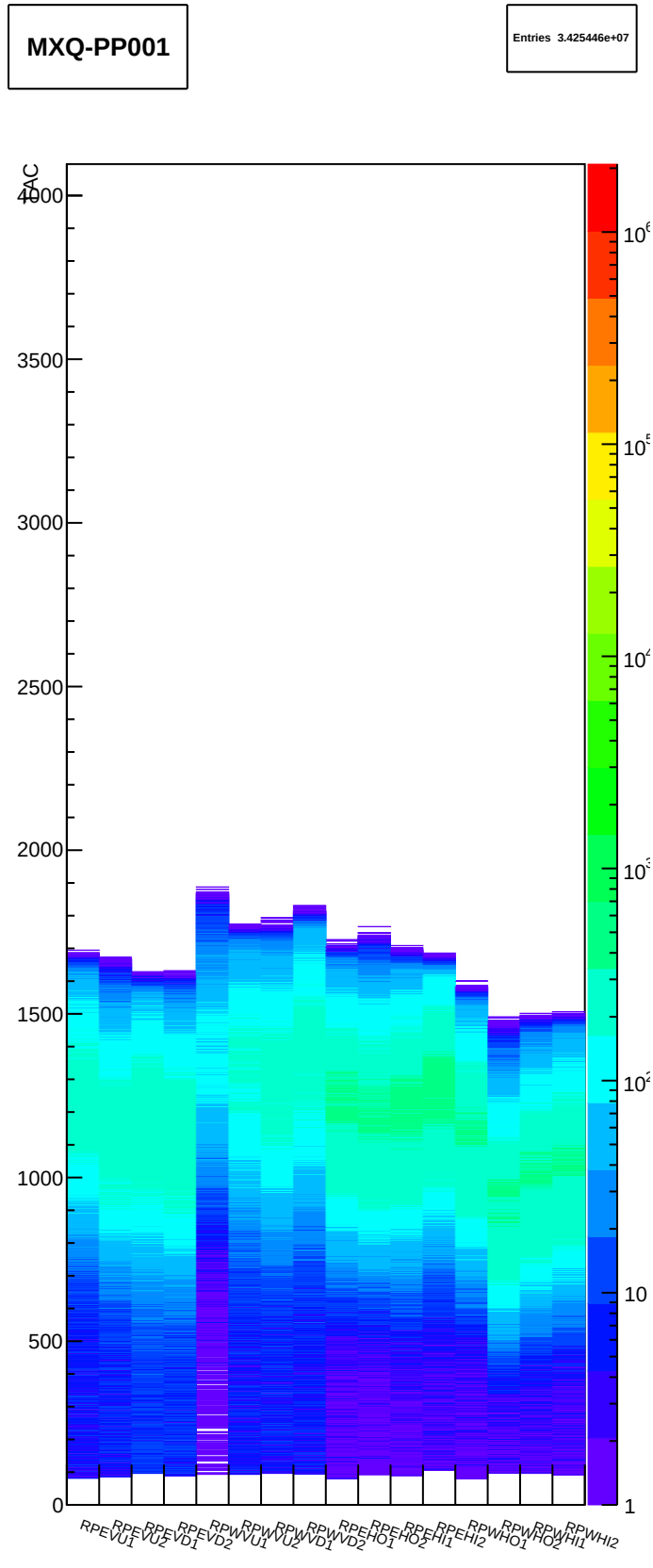

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

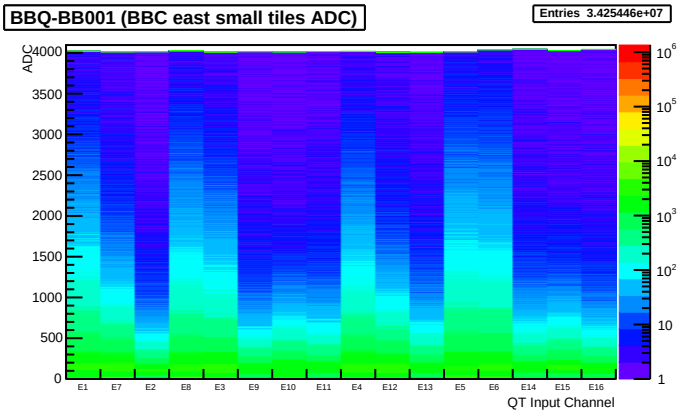

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4281808
TAC sum
1st-Best
2nd-Best
ID

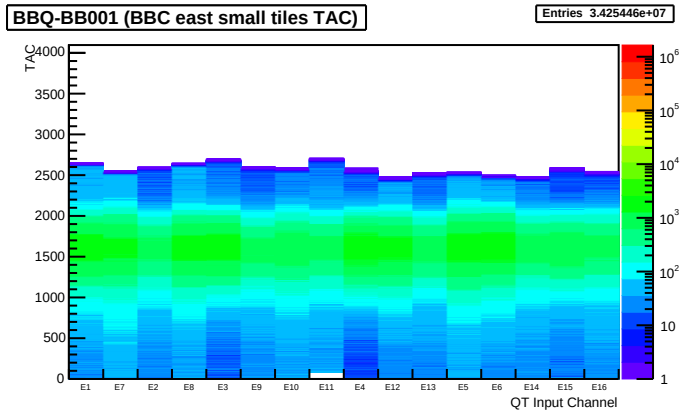

MIX-MT102 Input: VP003 Max TAC
Entries 2140904

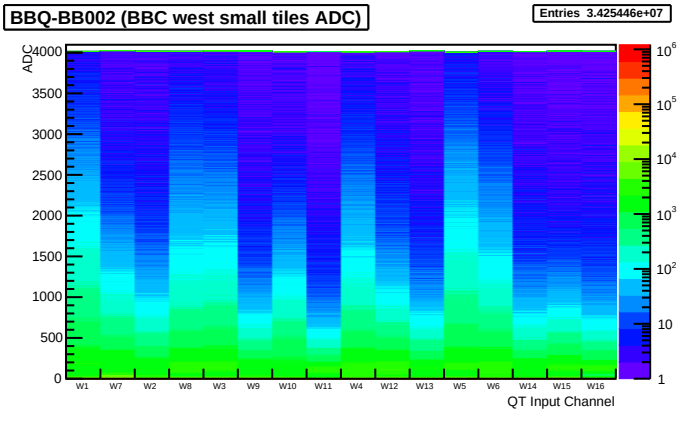

MIX-MT102 Input: VP004 Max TAC
Entries 2140904

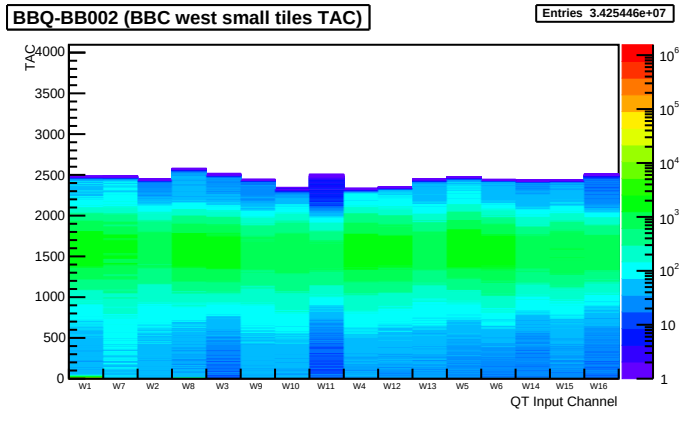

MXQ-PP001
Entries 3.425446e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

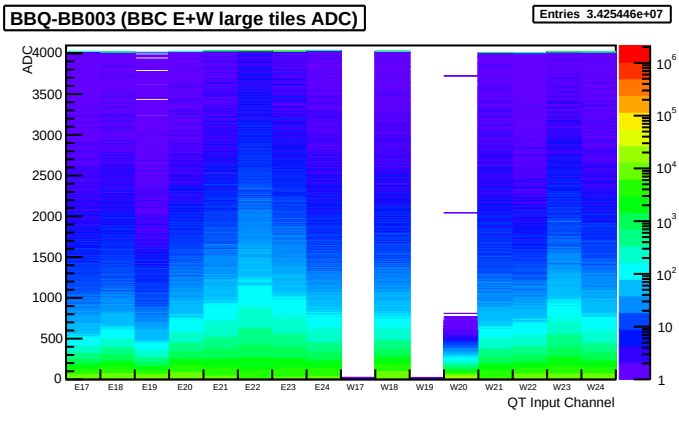

MXQ-PP001
Entries 3.425446e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

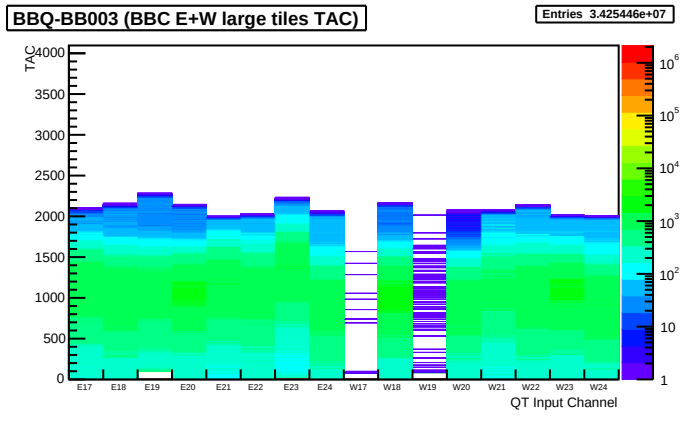

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.425446e+07
ADC
QT Input Channel

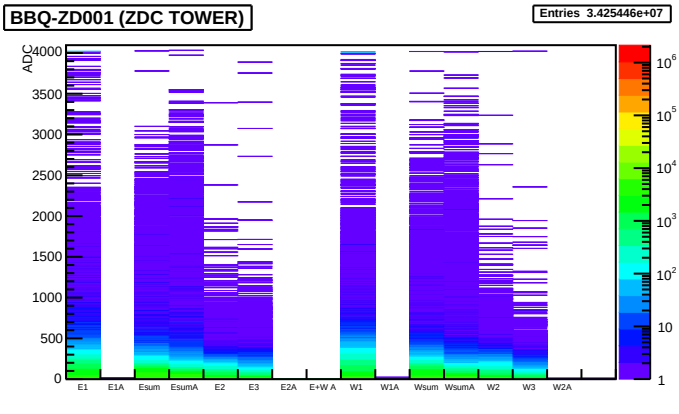

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.425446e+07
TAC
QT Input Channel

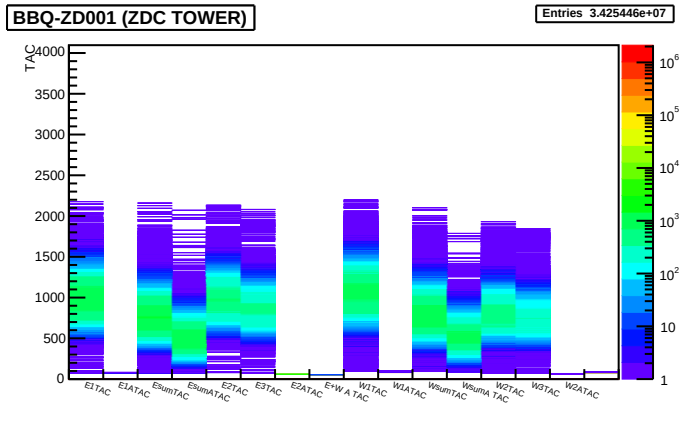

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.425446e+07
ADC
QT Input Channel

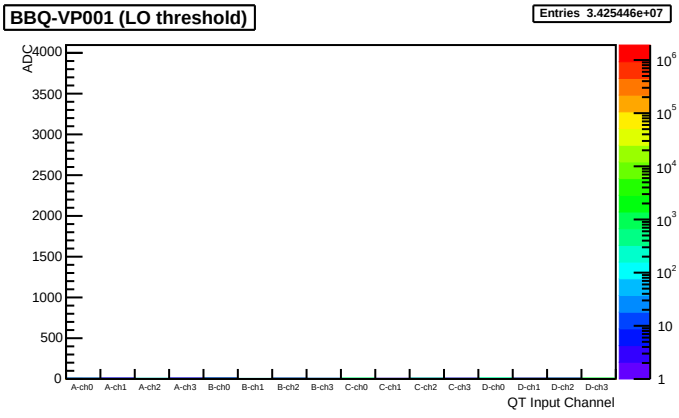

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.425446e+07
TAC
QT Input Channel

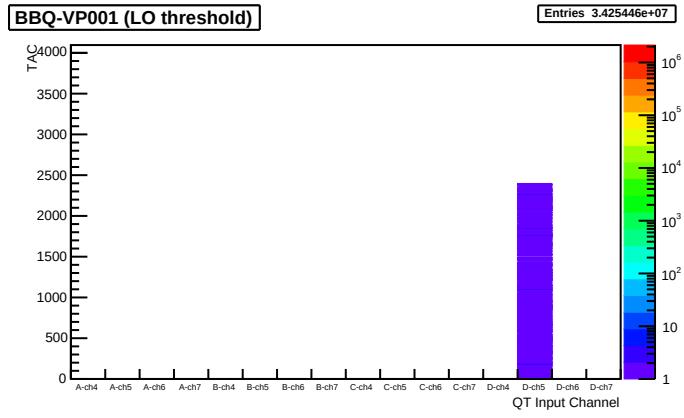

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.425446e+07
ADC
QT Input Channel

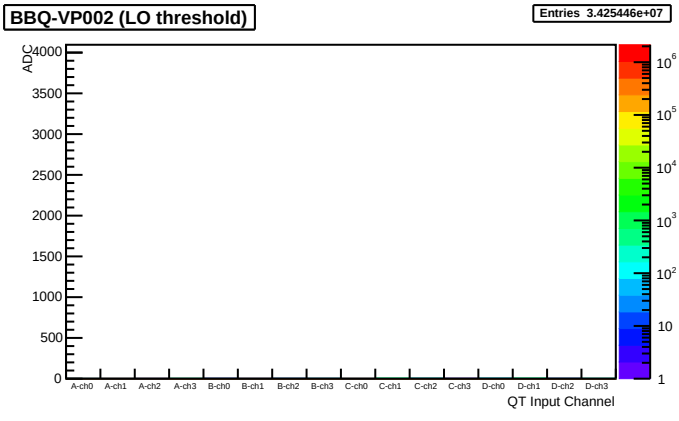

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.425446e+07
TAC
QT Input Channel

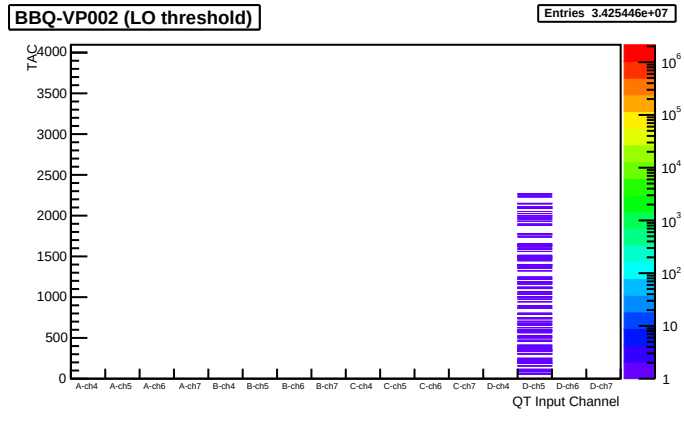

BBQ-ZD001 (ZDC TOWER)
Entries 3.425446e+07
ADC

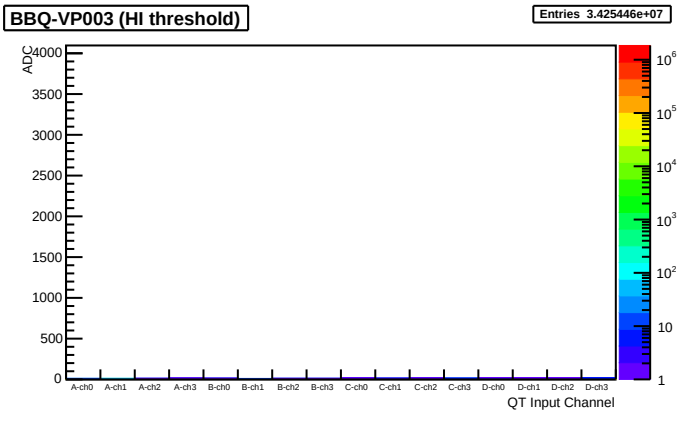

BBQ-ZD001 (ZDC TOWER)
Entries 3.425446e+07
TAC

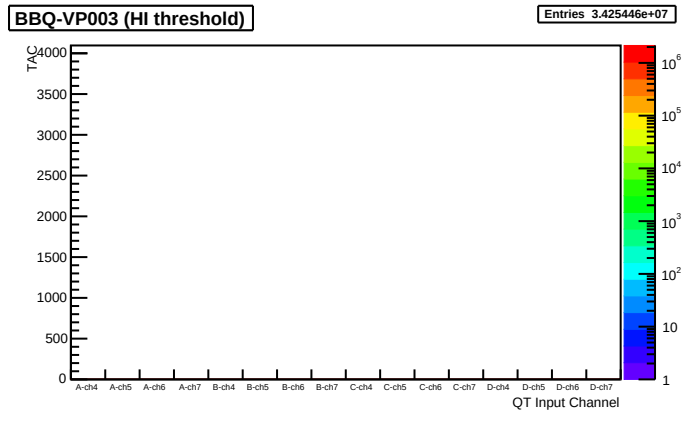

BBQ-VP001 (LO threshold)
Entries 3.425446e+07
ADC
QT Input Channel

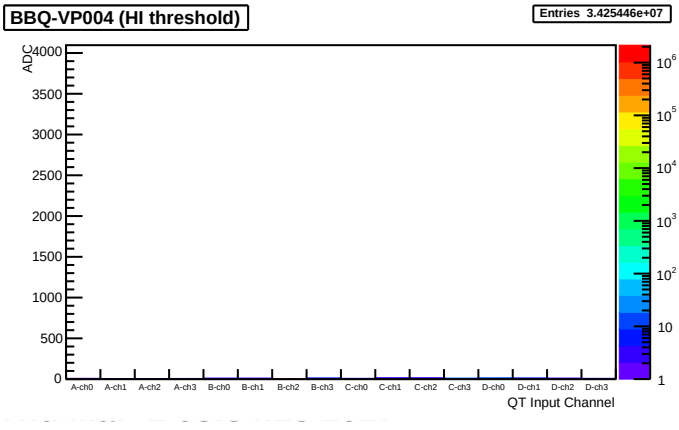

BBQ-VP001 (LO threshold)
Entries 3.425446e+07
TAC
QT Input Channel

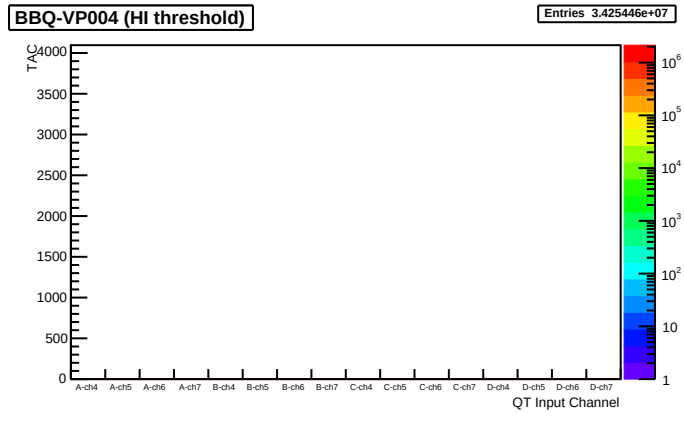

BBQ-VP002 (LO threshold)
Entries 3.425446e+07
ADC
QT Input Channel

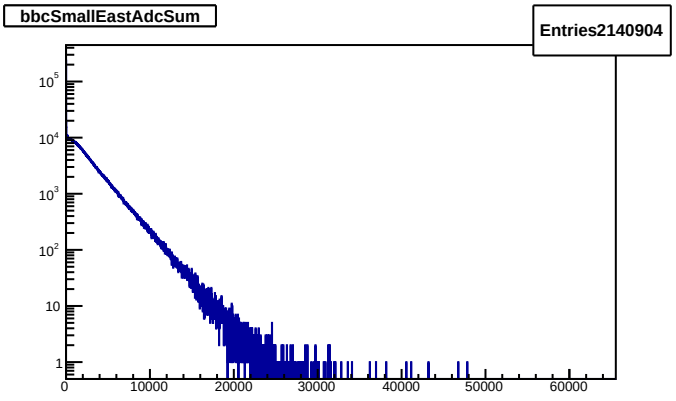

BBQ-VP002 (LO threshold)
Entries 3.425446e+07
TAC
QT Input Channel

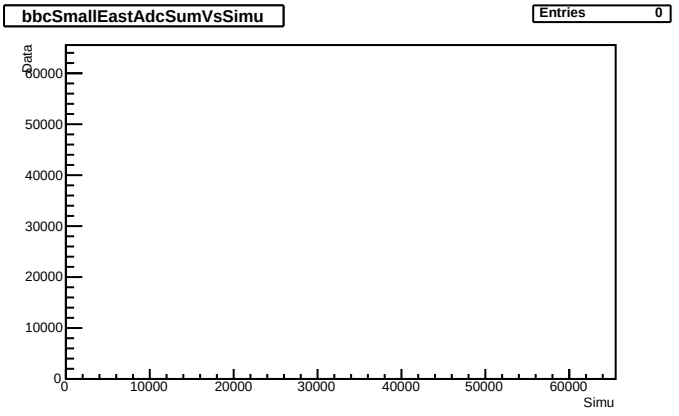

BBQ-VP003 (HI threshold)
Entries 3.425446e+07
ADC
QT Input Channel

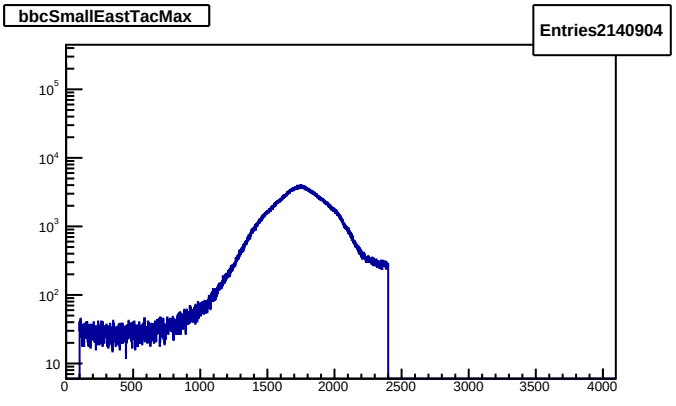

BBQ-VP003 (HI threshold)
Entries 3.425446e+07
TAC
QT Input Channel

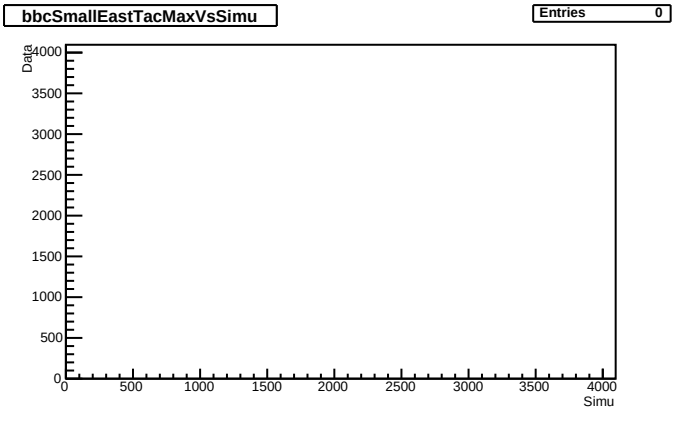

BBQ-VP004 (HI threshold)
Entries 3.425446e+07
ADC
QT Input Channel

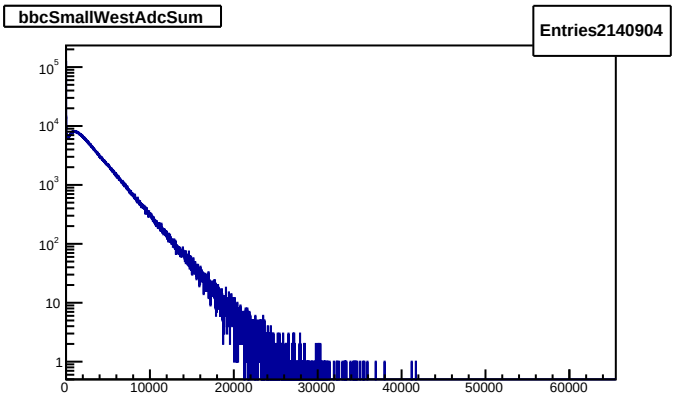

BBQ-VP004 (HI threshold)
Entries 3.425446e+07
TAC
QT Input Channel

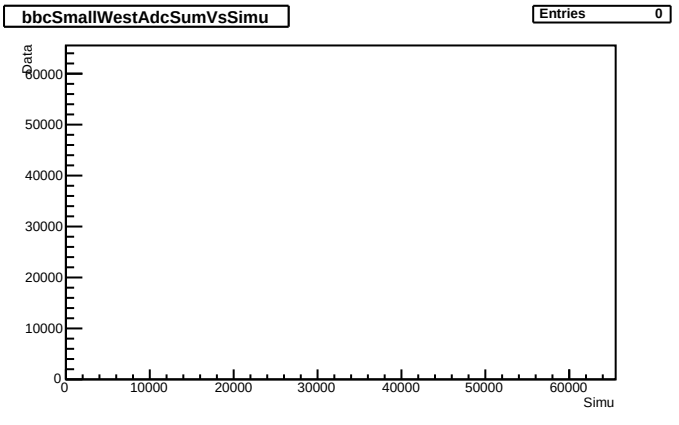

bbcSmallEastAdcSum
Entries2140904

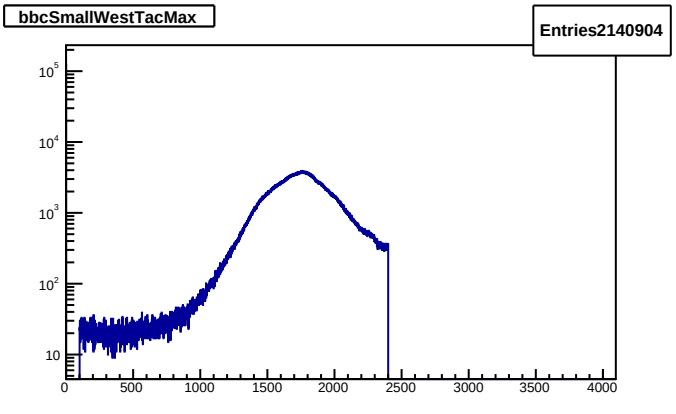

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

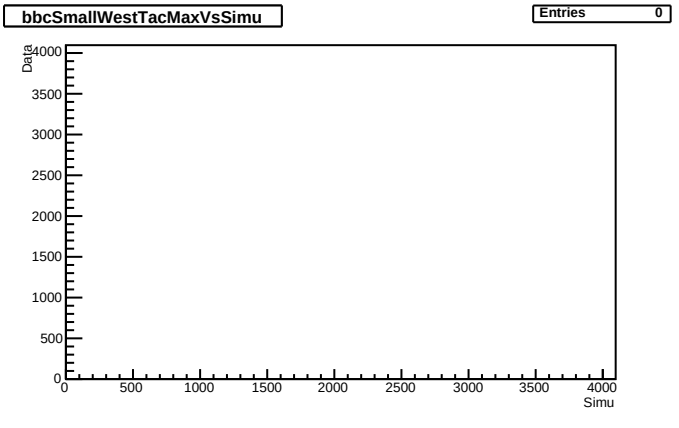

bbcSmallEastTacMax
Entries2140904

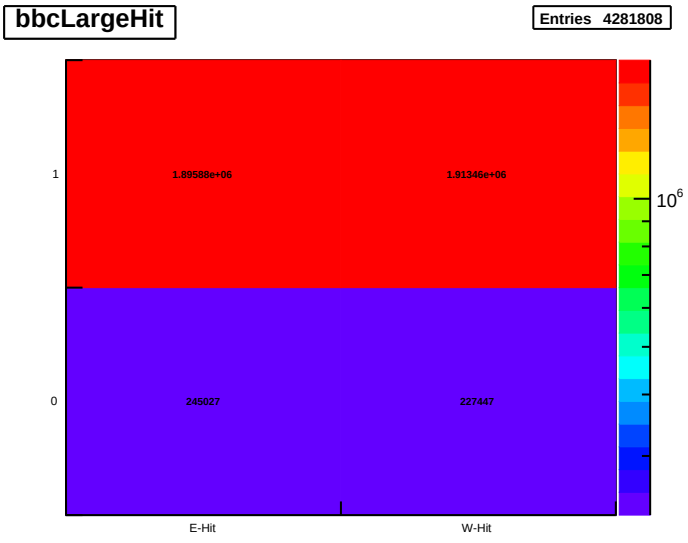

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

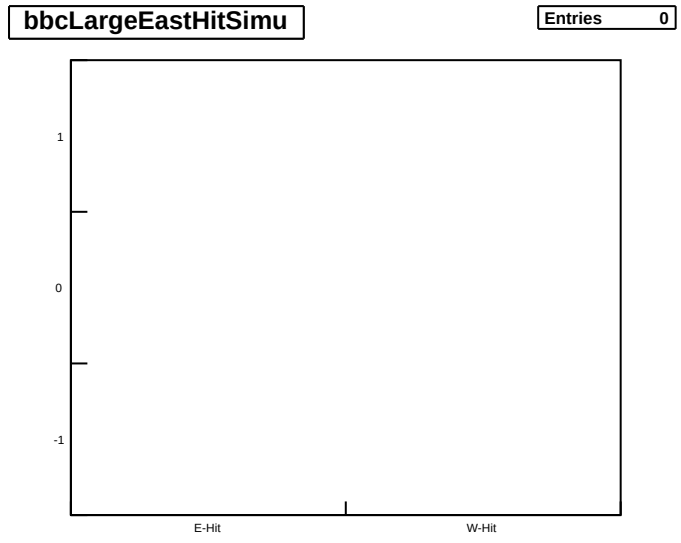

bbcSmallWestAdcSum
Entries2140904

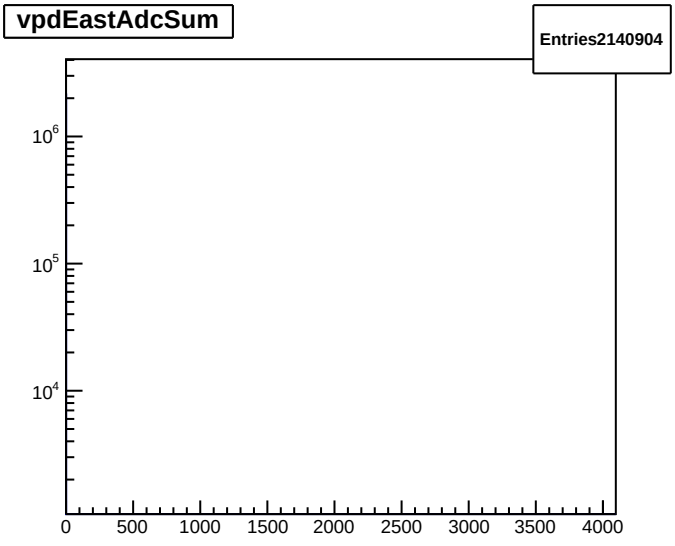

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

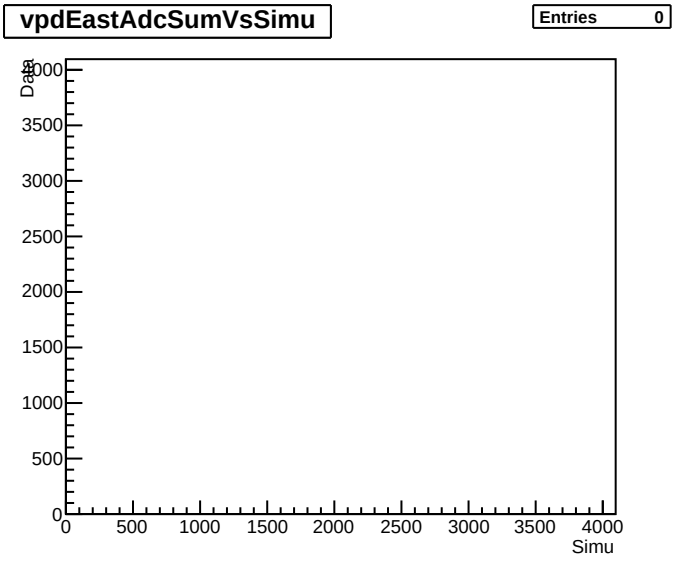

bbcSmallWestTacMax
Entries2140904

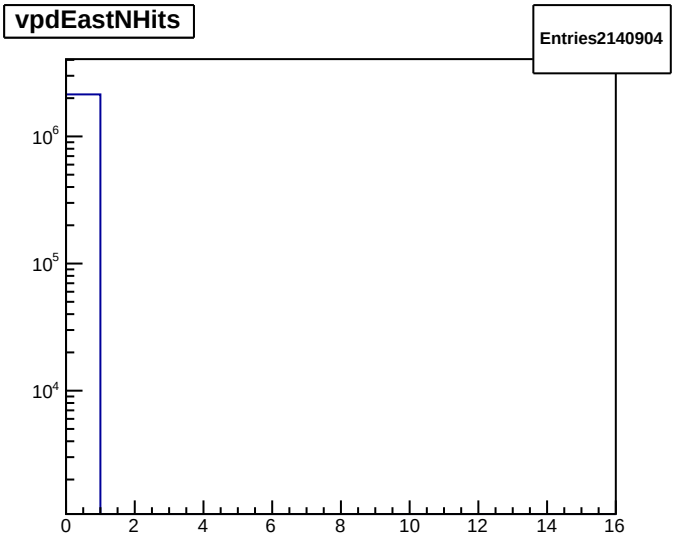

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

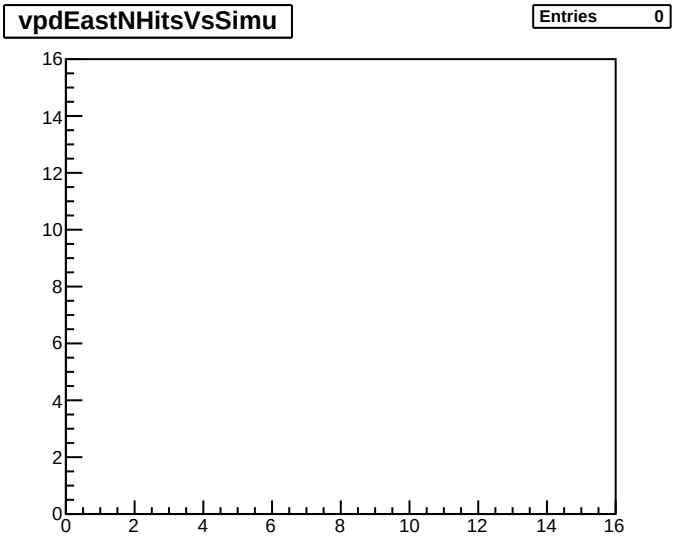

bbcLargeHit
Entries 4281808
1.89588e+06
1.91346e+06
245027
227447
1
0
E-Hit
W-Hit
$10^6$

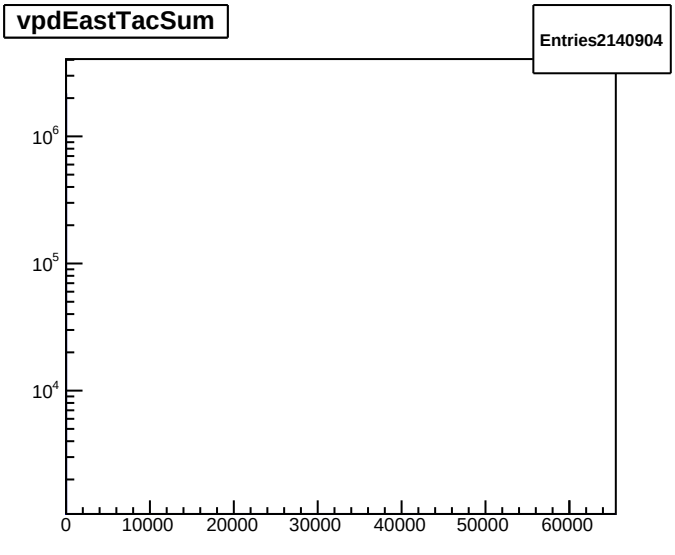

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

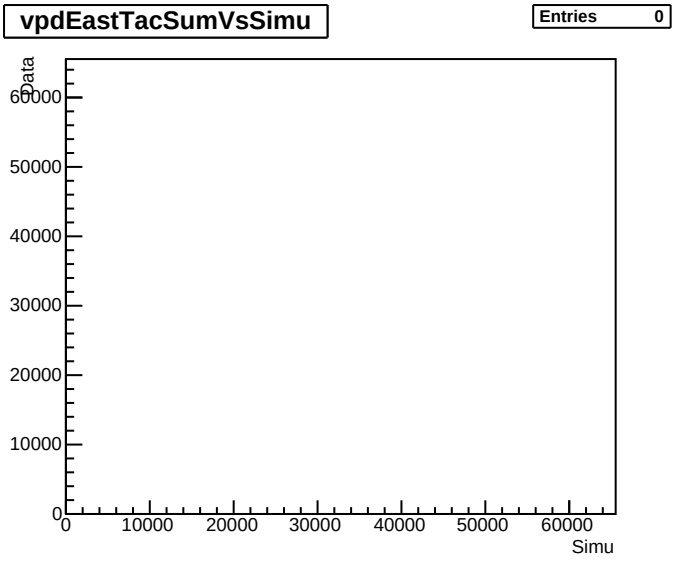

vpdEastAdcSum
Entries2140904
$10^6$
$10^5$
$10^4$
0 500 1000 1500 2000 2500 3000 3500 4000

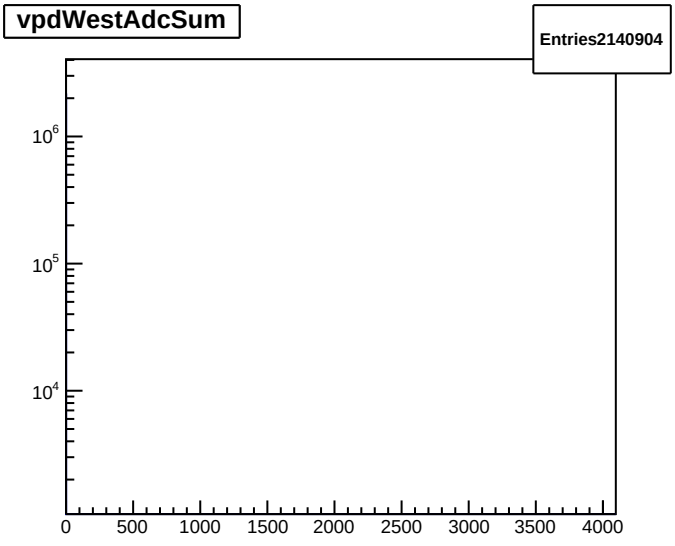

vpdEastAdcSumVsSimu
Entries 0
Data
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

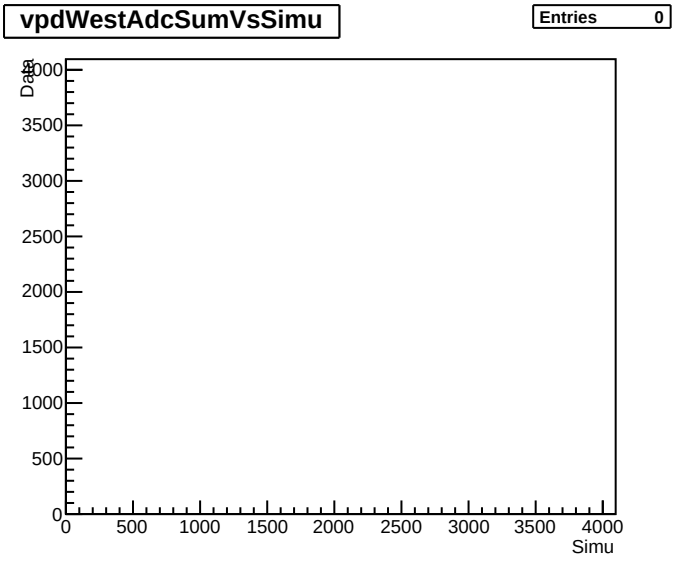

vpdEastNHits
Entries2140904
$10^6$
$10^5$
$10^4$
0 2 4 6 8 10 12 14 16

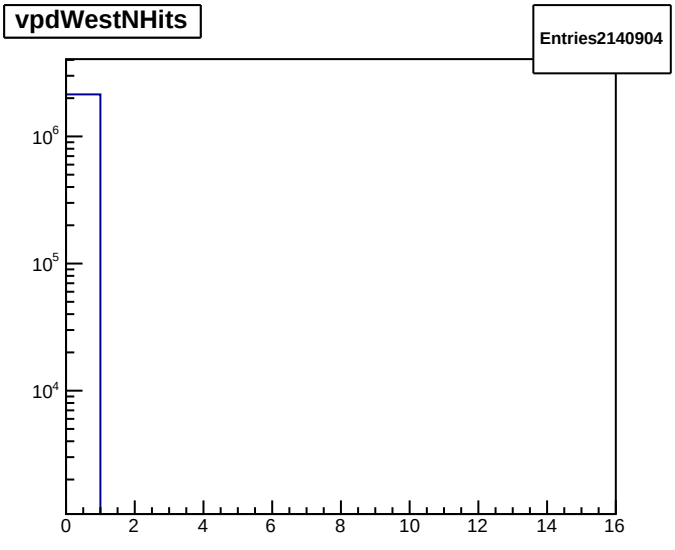

vpdEastNHitsVsSimu
Entries 0
0 2 4 6 8 10 12 14 16

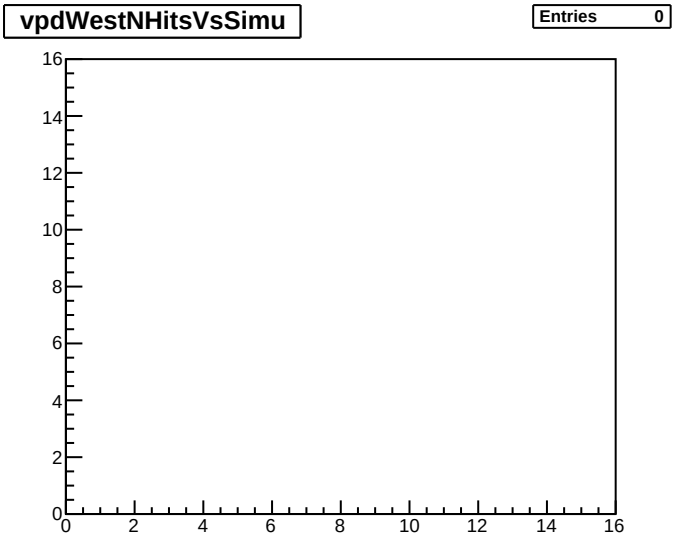

vpdEastTacSum
Entries2140904
$10^6$
$10^5$
$10^4$
0 10000 20000 30000 40000 50000 60000

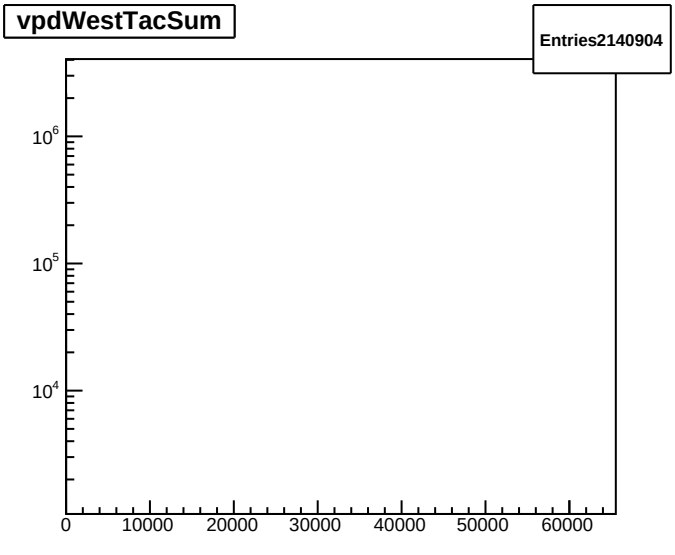

vpdEastTacSumVsSimu
Entries 0
Data
0 10000 20000 30000 40000 50000 60000
Simu

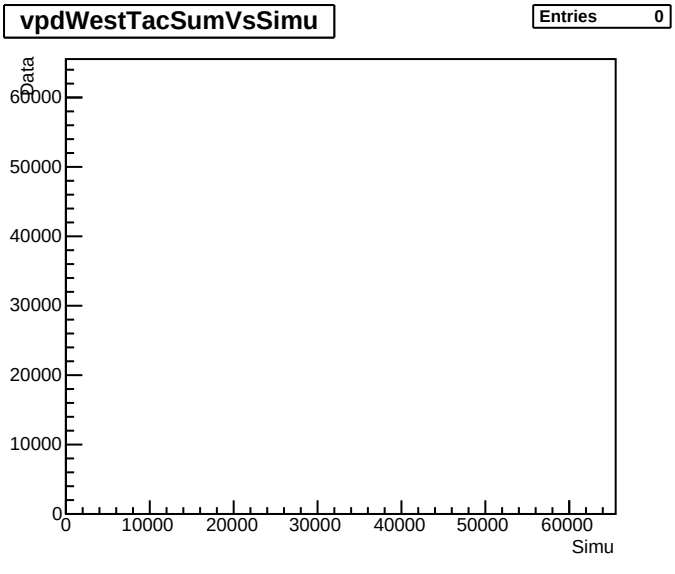

vpdWestAdcSum
Entries2140904
$10^6$
$10^5$
$10^4$
0 500 1000 1500 2000 2500 3000 3500 4000

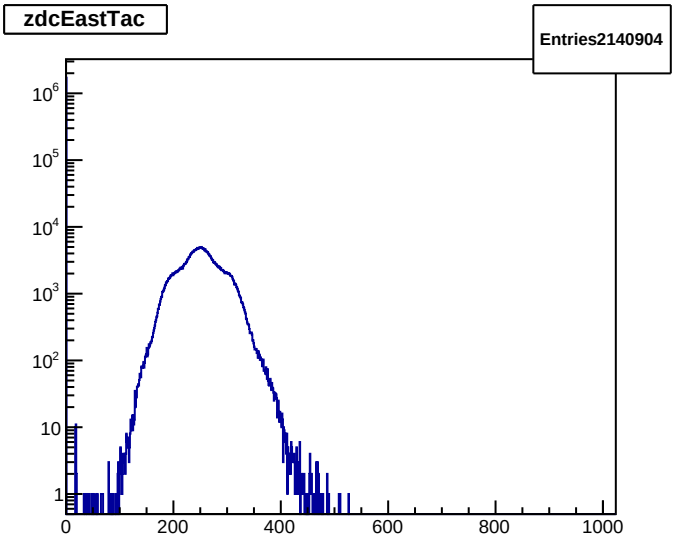

vpdWestAdcSumVsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

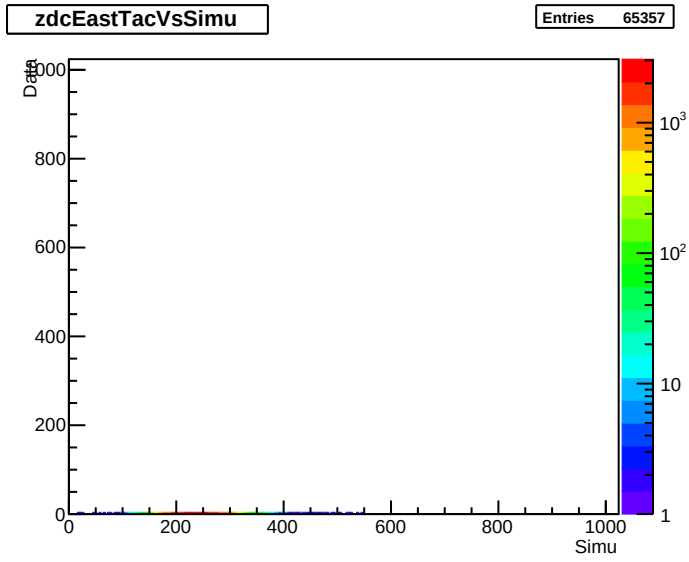

vpdWestNHits
Entries2140904
$10^6$
$10^5$
$10^4$
0 2 4 6 8 10 12 14 16

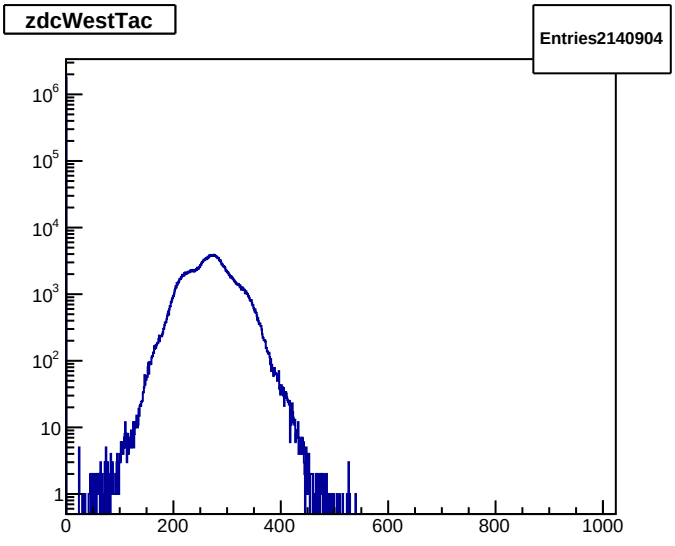

vpdWestNHitsVsSimu
Entries 0
16 14 12 10 8 6 4 2 0
0 2 4 6 8 10 12 14 16

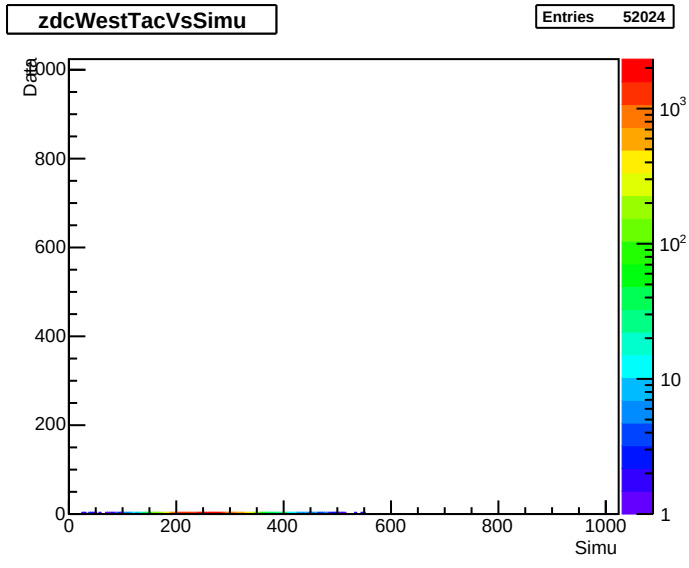

vpdWestTacSum
Entries2140904
$10^6$
$10^5$
$10^4$
0 10000 20000 30000 40000 50000 60000

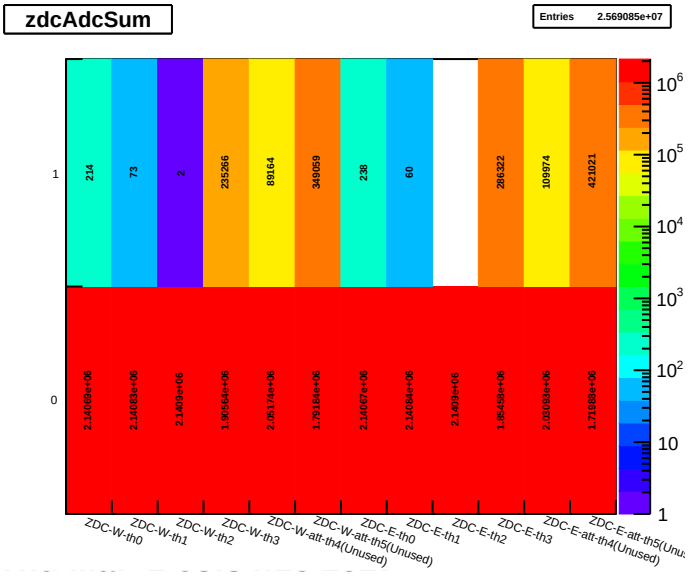

vpdWestTacSumVsSimu
Entries 0
Data
60000 50000 40000 30000 20000 10000 0
0 10000 20000 30000 40000 50000 60000
Simu

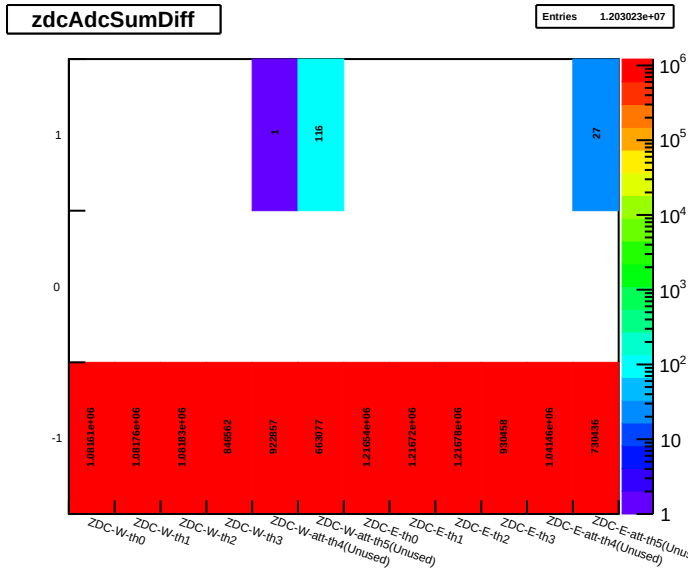

zdcEastTac
Entries2140904

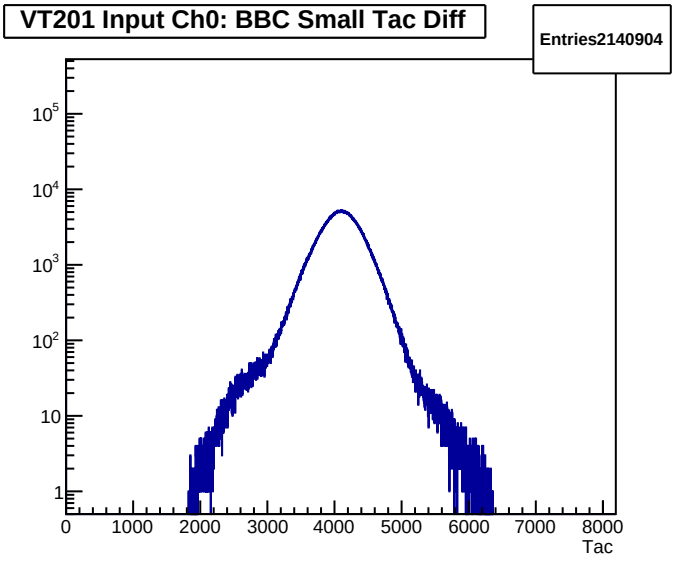

zdcEastTacVsSimu
Entries 65357
Data
Simu

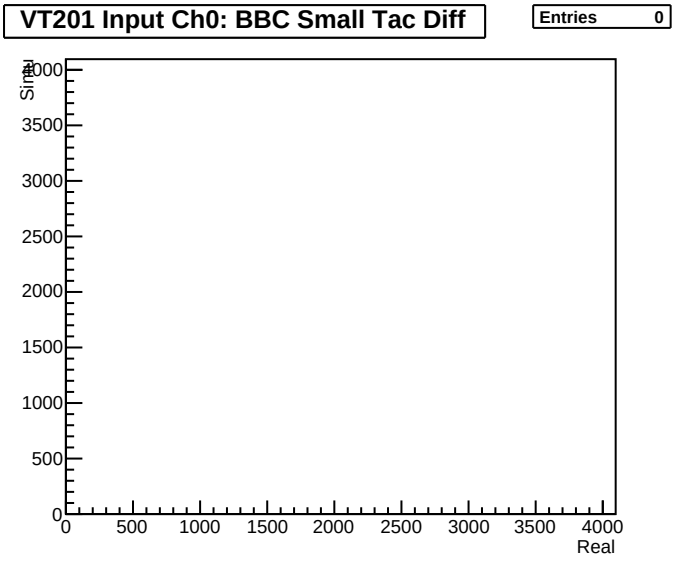

zdcWestTac
Entries2140904

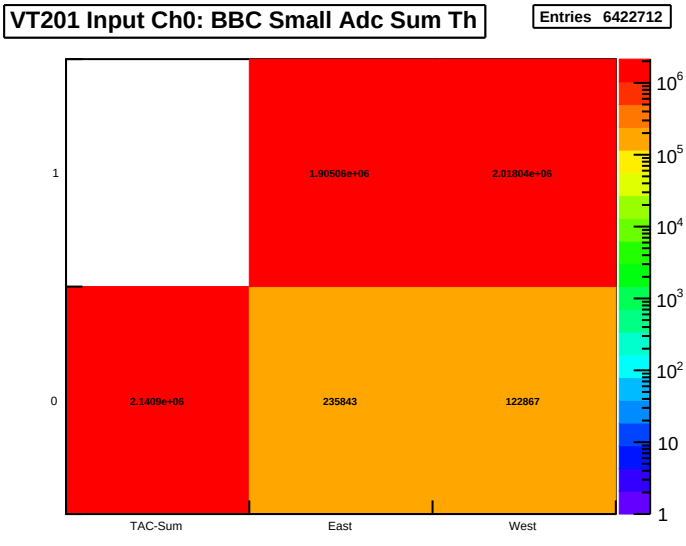

zdcWestTacVsSimu
Entries 52024
Data
Simu

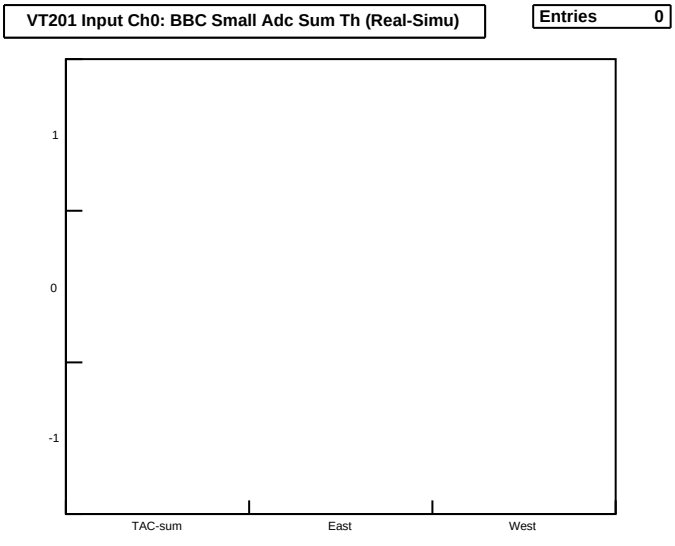

zdcAdcSum
Entries 2.569085e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

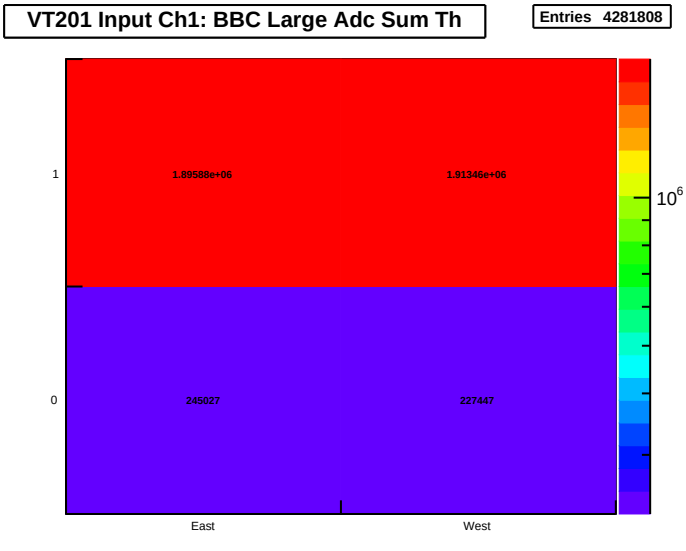

zdcAdcSumDiff
Entries 1.203023e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

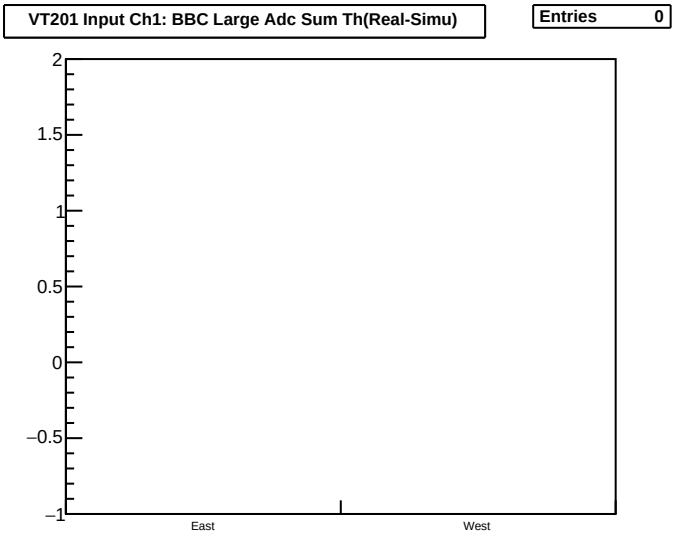

VT201 Input Ch0: BBC Small Tac Diff
Entries2140904
Tac


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

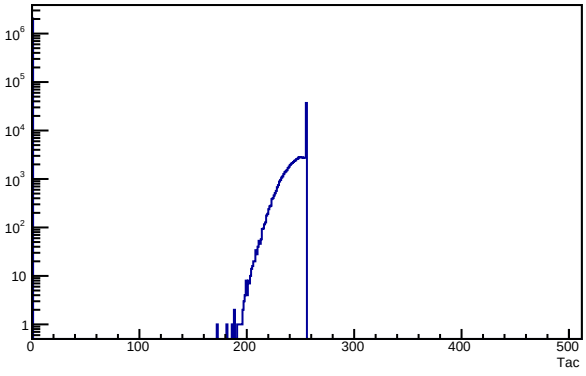

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6422712
1.90506e+06
2.01804e+06
2.1409e+06
235843
122867
TAC-Sum
East
West


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

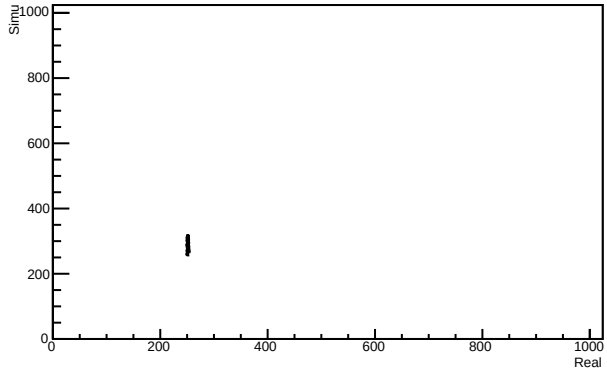

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4281808
1.89588e+06
1.91346e+06
245027
227447
East
West


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

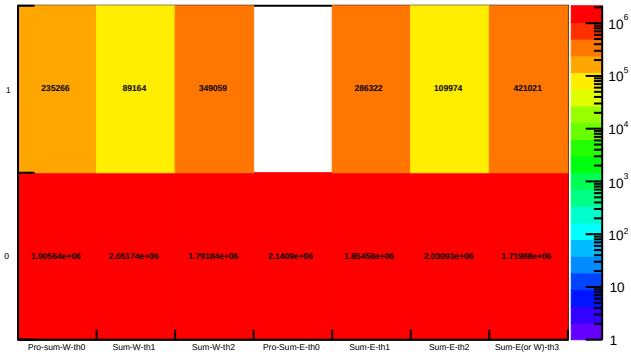
**VT201 Input Ch2: ZDC Tac Diff**



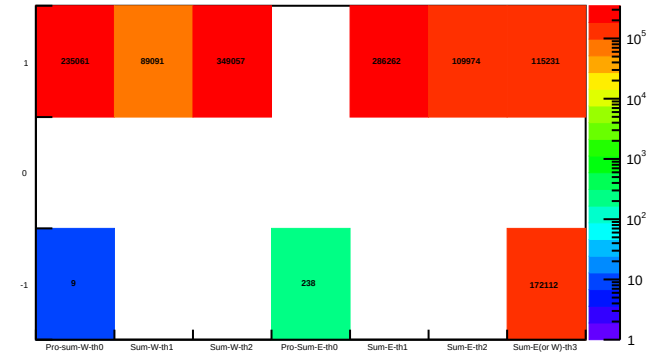

**VT201 Input Ch2: ZDC Tac Diff**



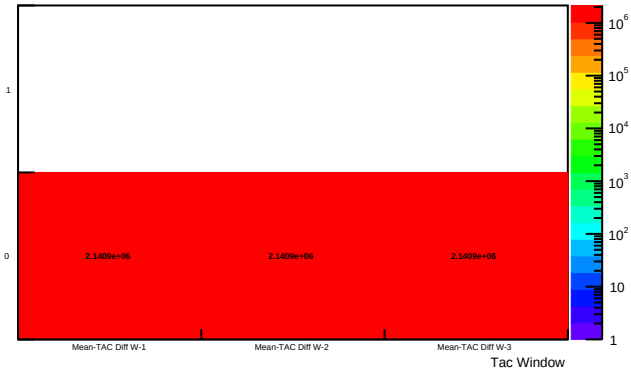

**VT201 Input Ch2: ZDC Adc Sum Th**



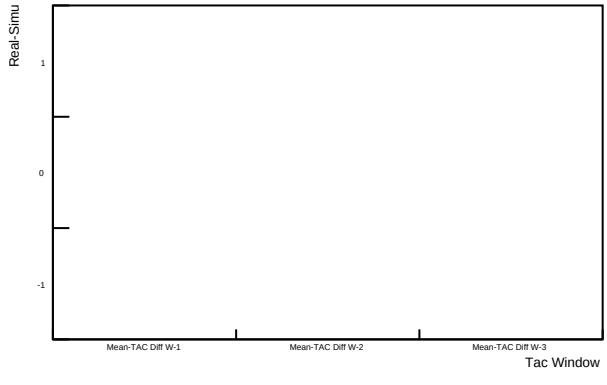

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



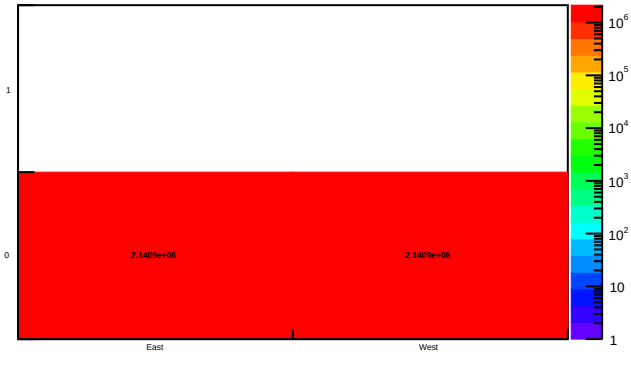

**VT201 Input Ch4: VPD Tac Diff**



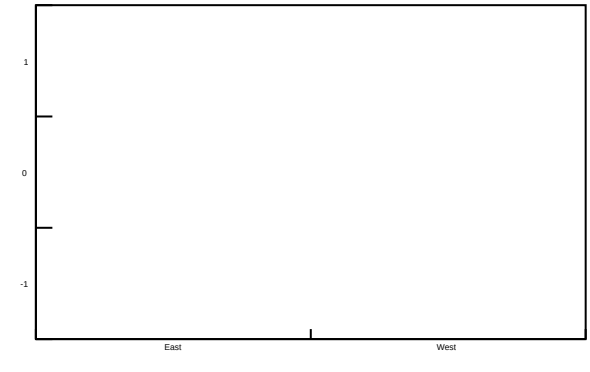

**VT201 Input Ch4: VPD Tac Diff**

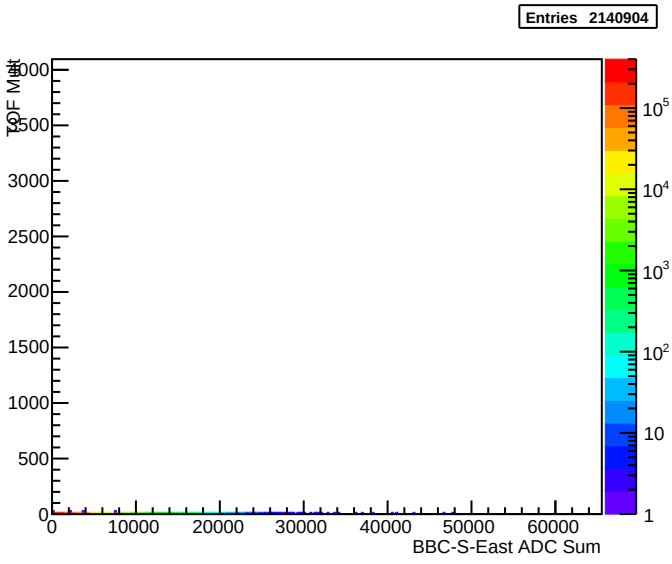


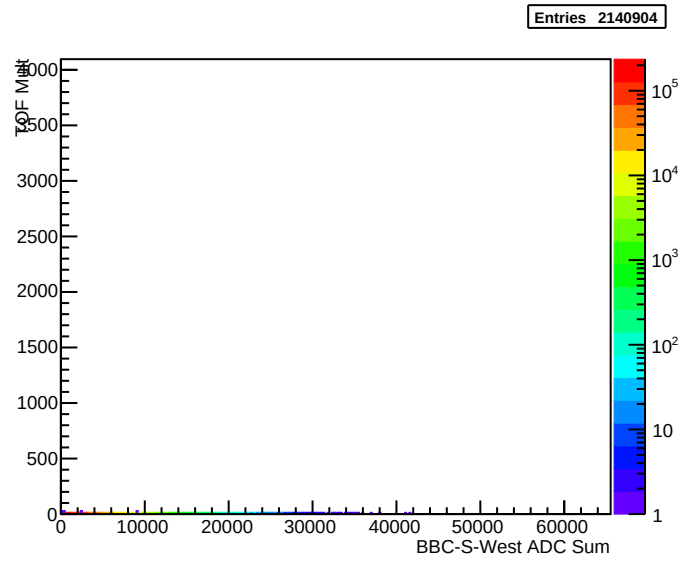

**VT201 Input Ch4: VPD Adc Sum Th**

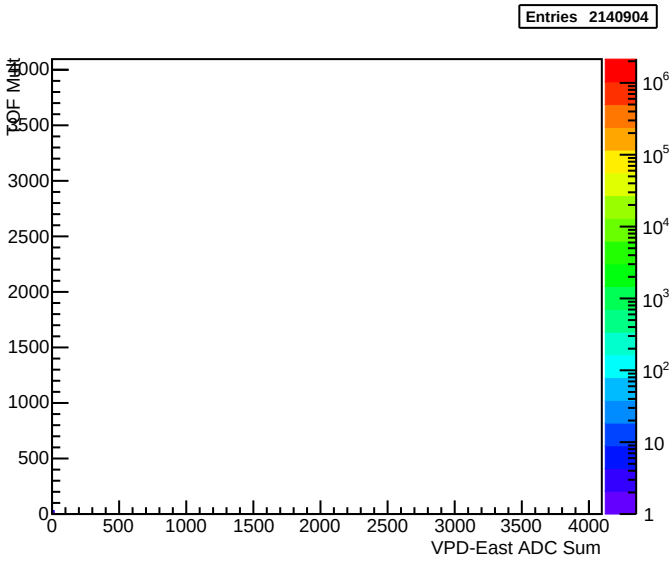


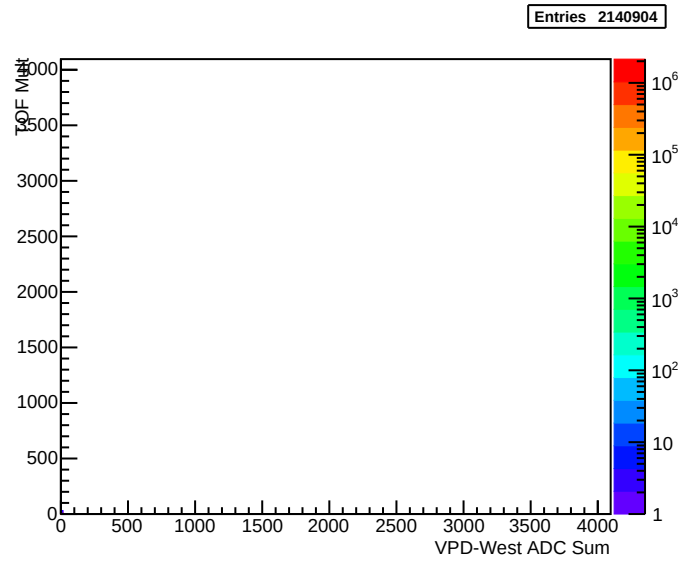

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

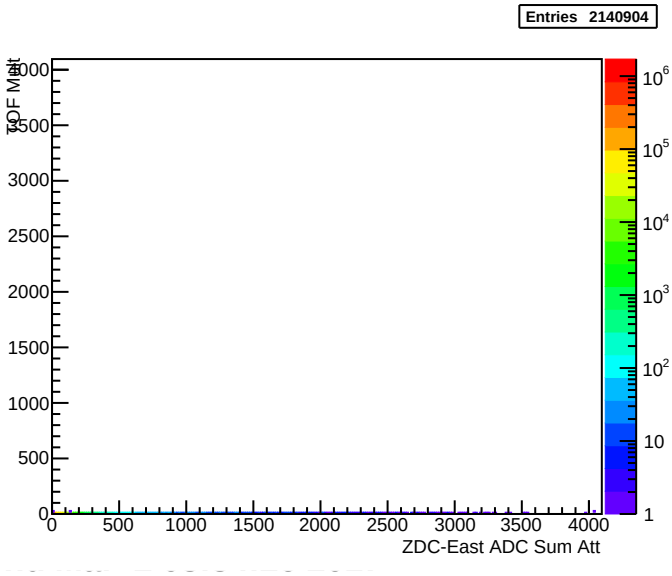


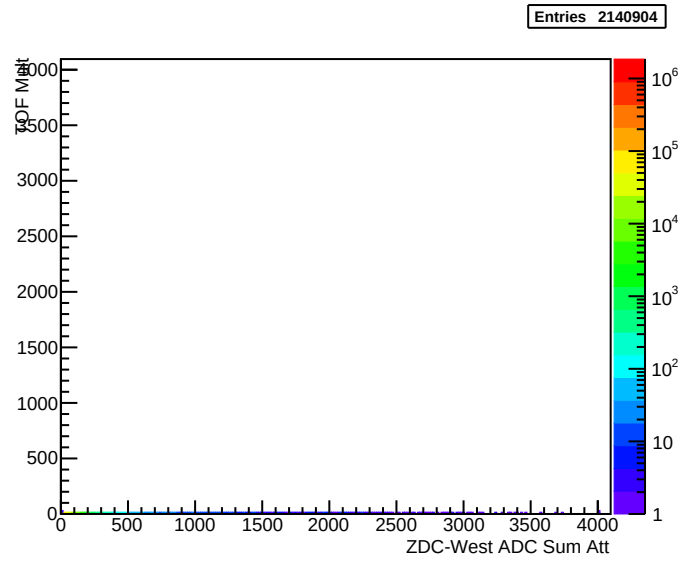

Entries 2140904
TOF Mult
BBC-S-East ADC Sum

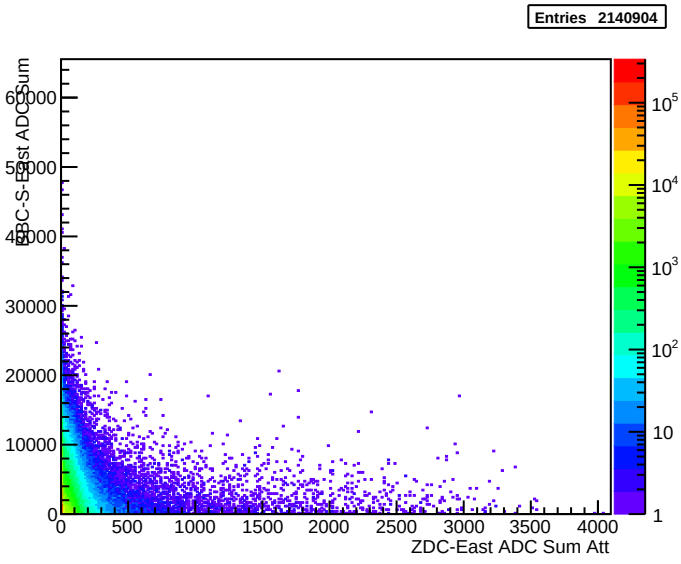

Entries 2140904
TOF Mult
BBC-S-West ADC Sum

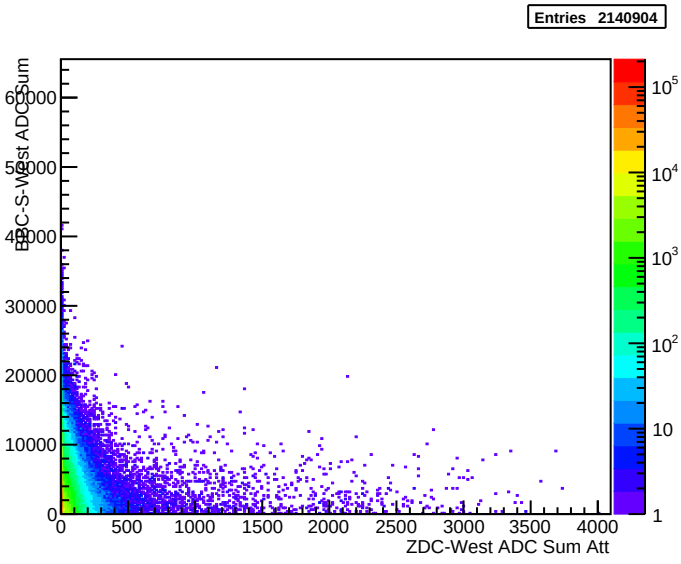

Entries 2140904
TOF Mult
VPD-East ADC Sum

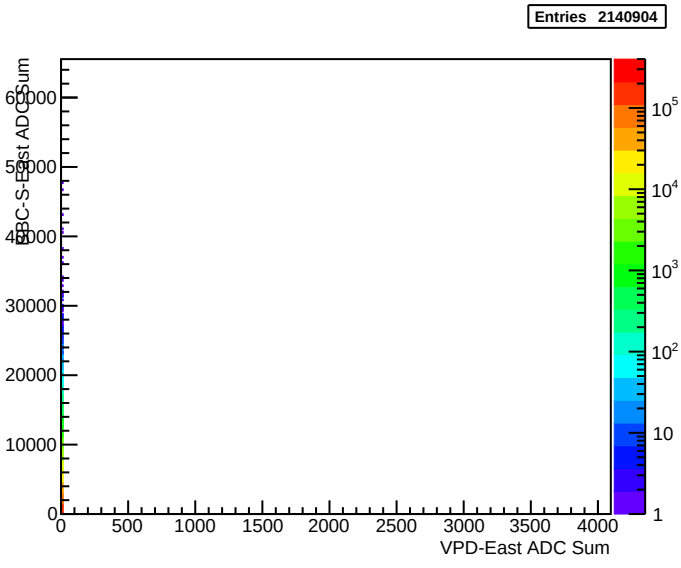

Entries 2140904
TOF Mult
VPD-West ADC Sum

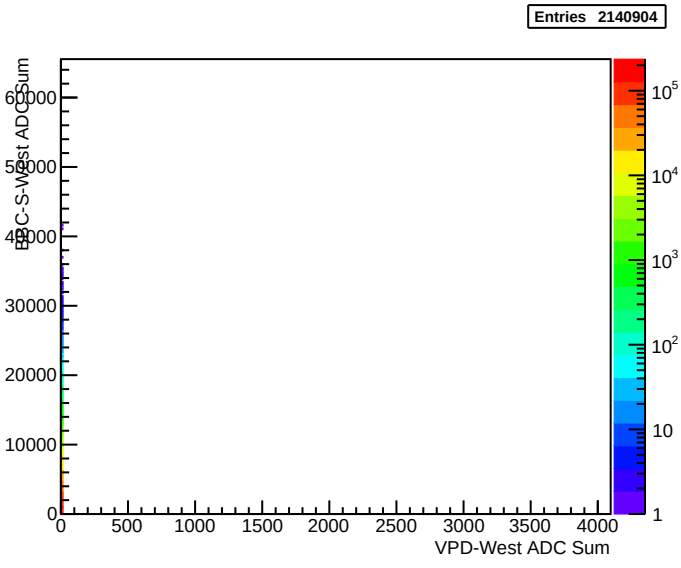

Entries 2140904
TOF Mult
ZDC-East ADC Sum Att

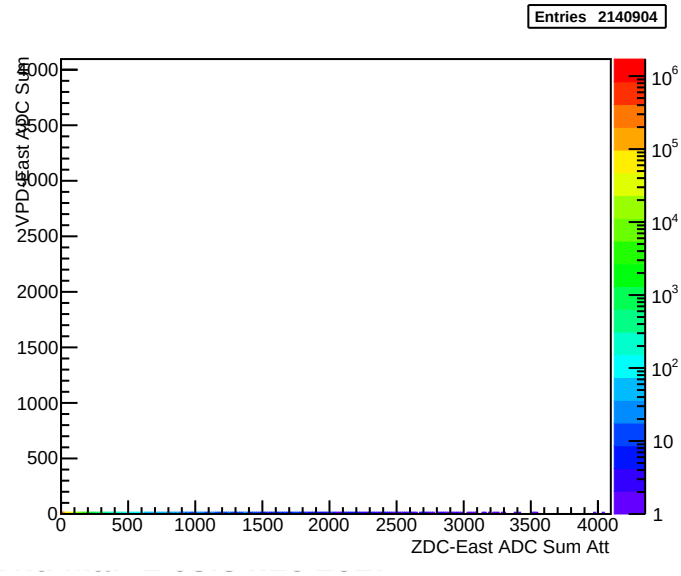

Entries 2140904
TOF Mult
ZDC-West ADC Sum Att

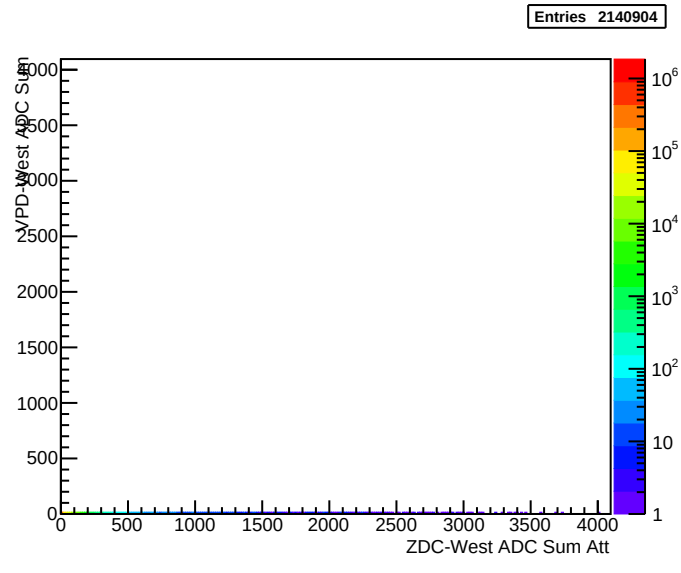

Entries 2140904
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

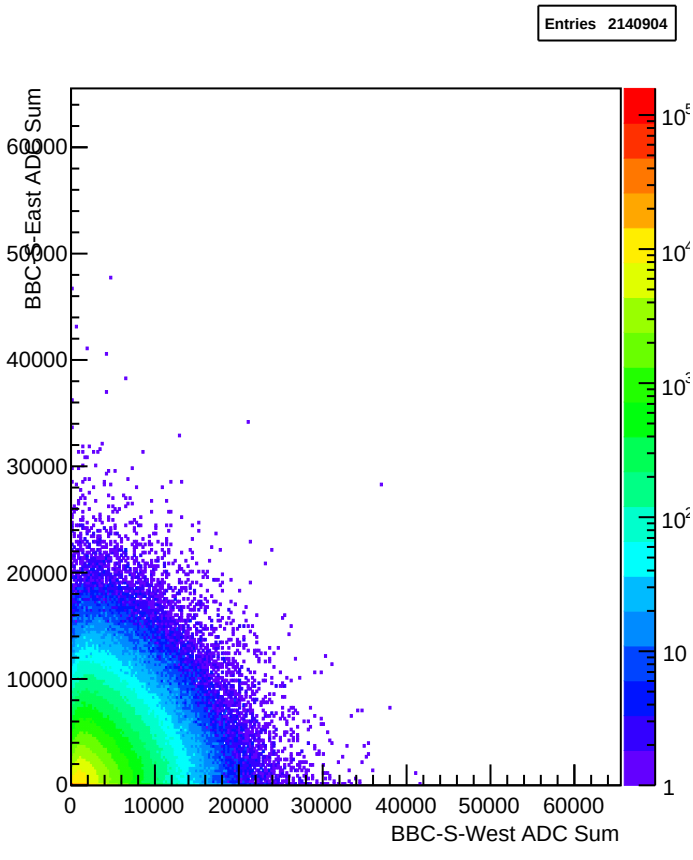

Entries 2140904
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

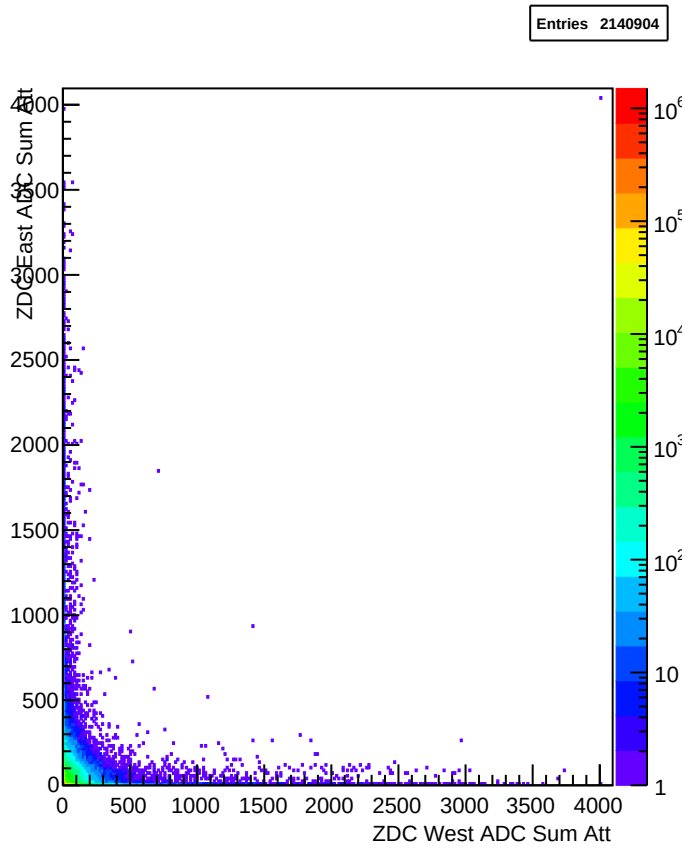

Entries 2140904
BBC-S-East ADC Sum
VPD-East ADC Sum

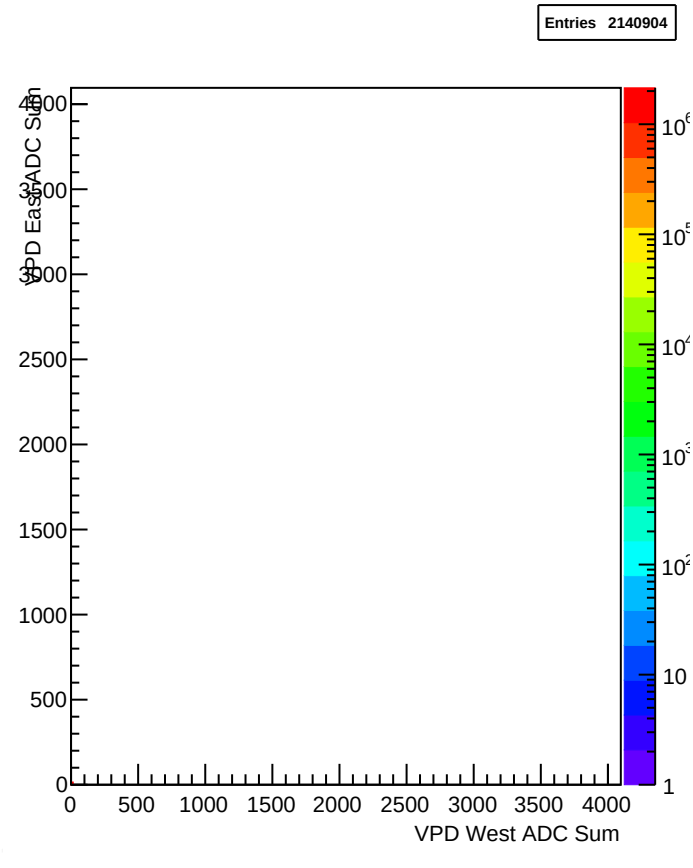

Entries 2140904
BBC-S-West ADC Sum
VPD-West ADC Sum

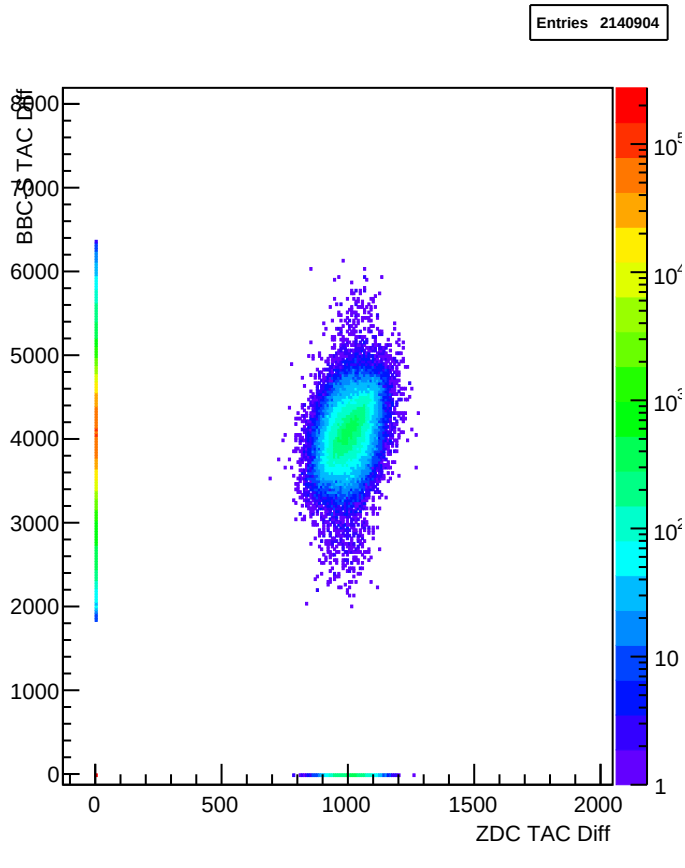

Entries 2140904
VPD-East ADC Sum
ZDC-East ADC Sum Att

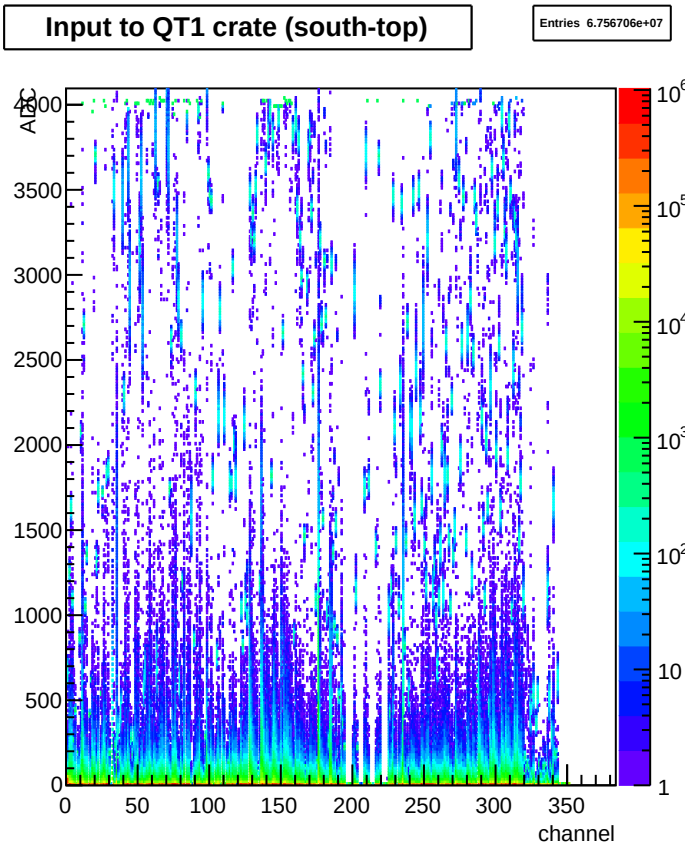

Entries 2140904
VPD-West ADC Sum
ZDC-West ADC Sum Att

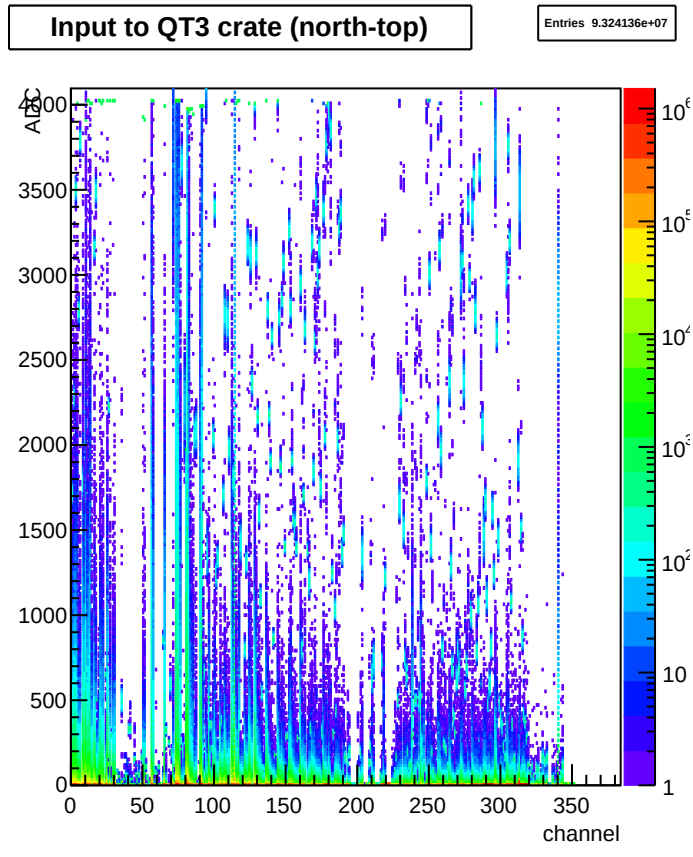

Entries 2140904
BBC-S-East ADC Sum
BBC-S-West ADC Sum

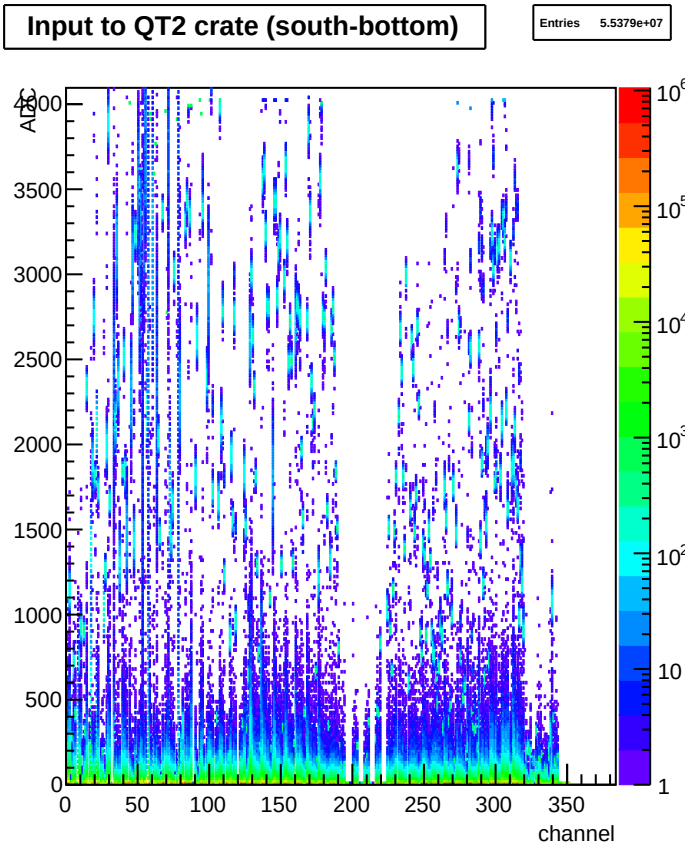

Entries 2140904
ZDC East ADC Sum Att
ZDC West ADC Sum Att

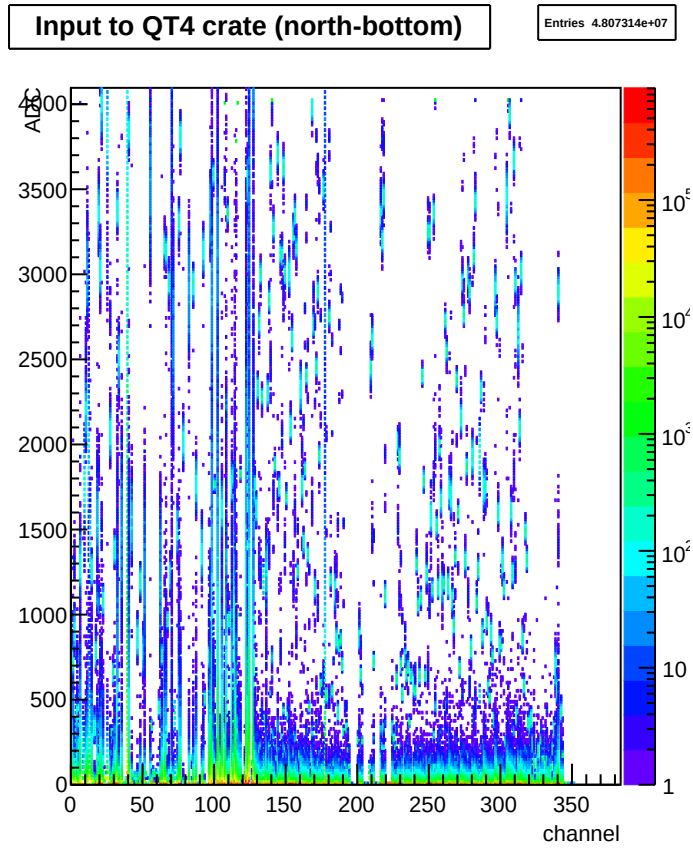

Entries 2140904
VPD East ADC Sum
VPD West ADC Sum

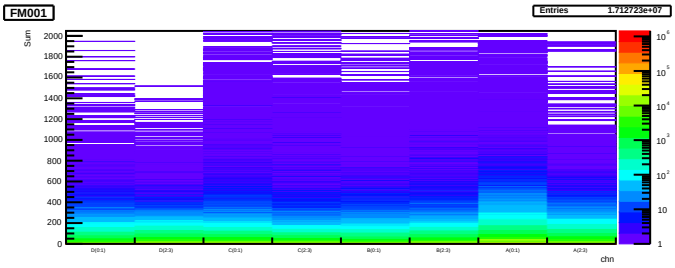

Entries 2140904
BBC-S TAC Diff
ZDC TAC Diff

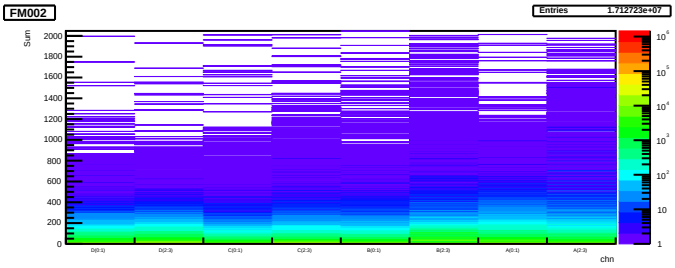

Input to QT1 crate (south-top)
Entries 6.756706e+07
ADC
channel

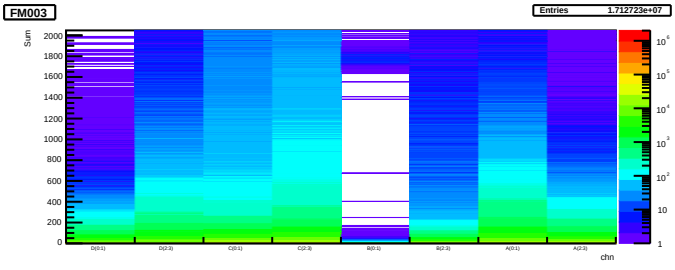

Input to QT3 crate (north-top)
Entries 9.324136e+07
ADC
channel

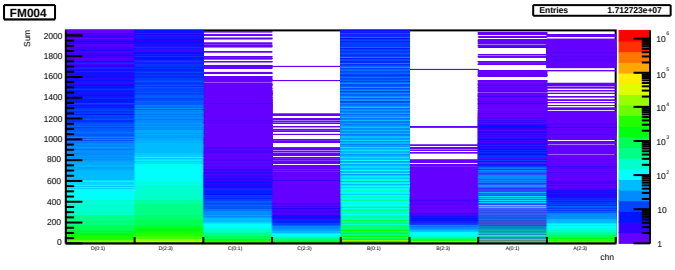

Input to QT2 crate (south-bottom)
Entries 5.5379e+07
ADC
channel

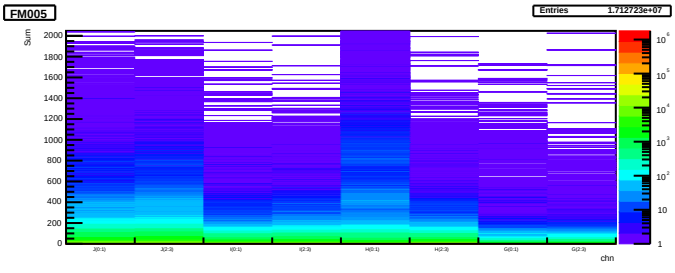

Input to QT4 crate (north-bottom)
Entries 4.807314e+07
ADC
channel

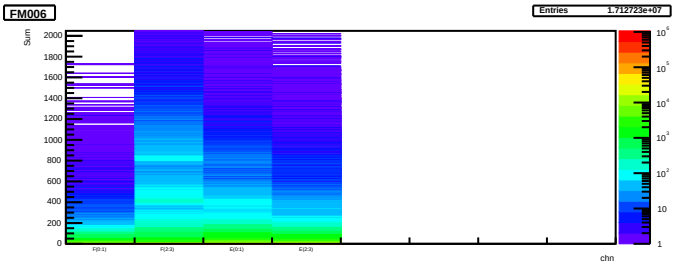

FM001
Entries 1.712723e+07
Sum
chn

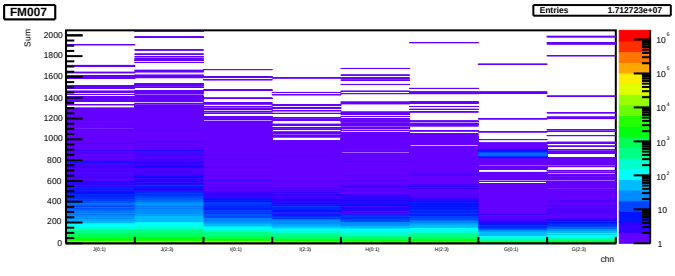

FM002
Entries 1.712723e+07
Sum
chn

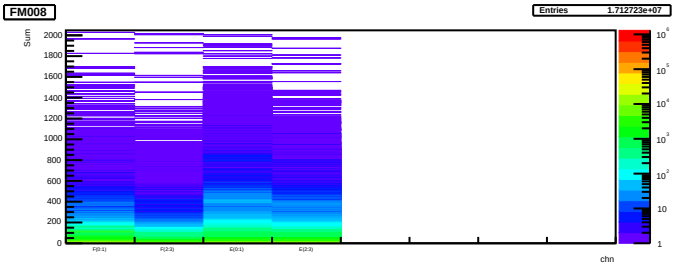

FM003
Entries 1.712723e+07
Sum
chn

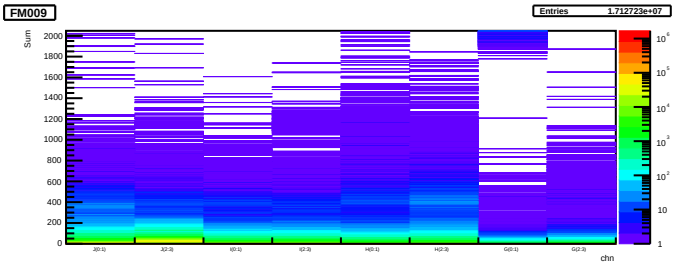

FM004
Entries 1.712723e+07
Sum
chn

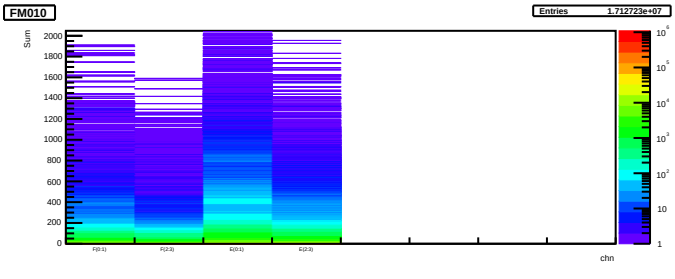

FM005
Entries 1.712723e+07
Sum
chn


FM006
Entries 1.712723e+07
Sum
chn


FM007
Entries 1.712723e+07
Sum
chn


FM008
Entries 1.712723e+07
Sum
chn


FM009
Entries 1.712723e+07
Sum
chn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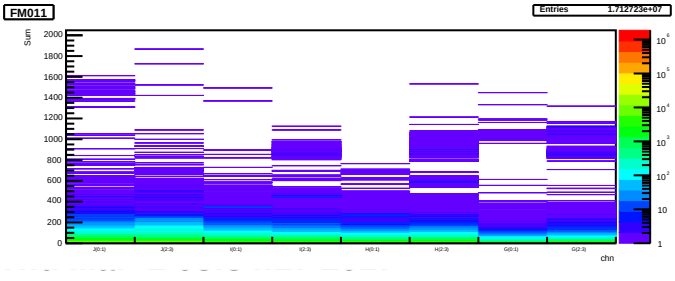
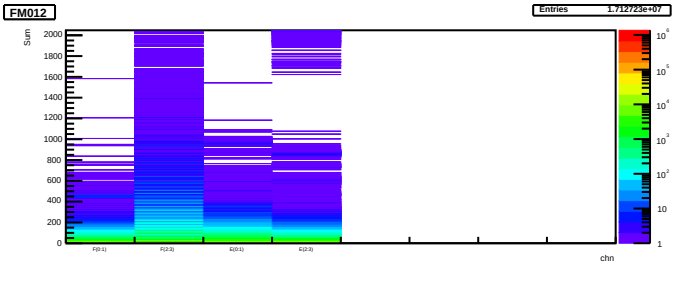
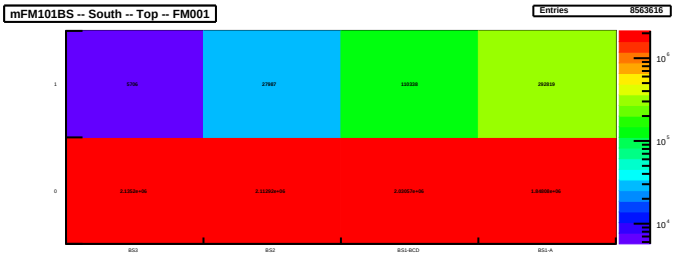
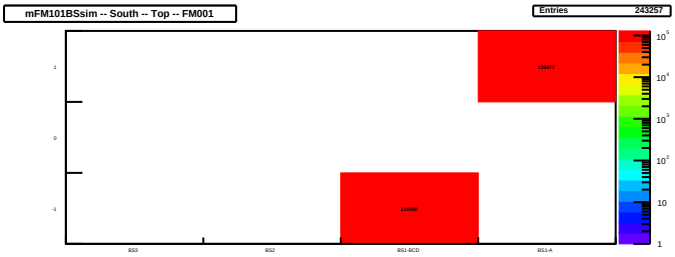
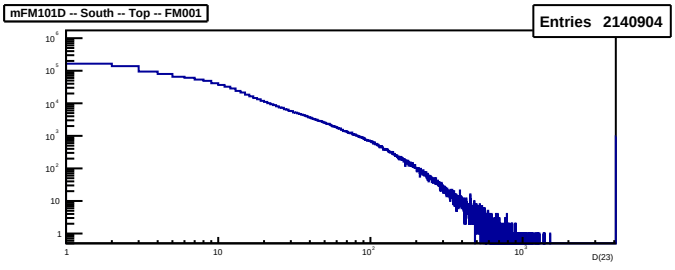
Entries 1.712723e+07
Sum
chn

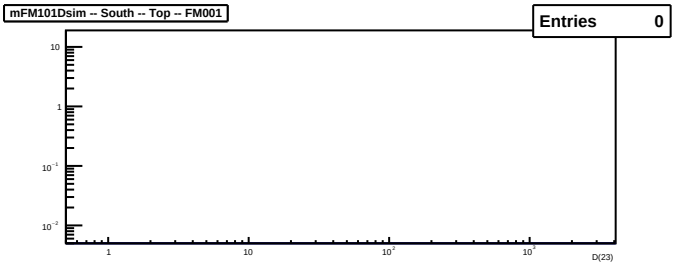

FM011
Entries 1.712723e+07
Sum
chn


FM012
Entries 1.712723e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 8563616
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 243257
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 2140904
D(23)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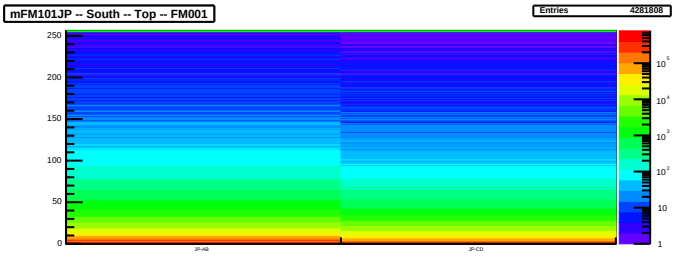
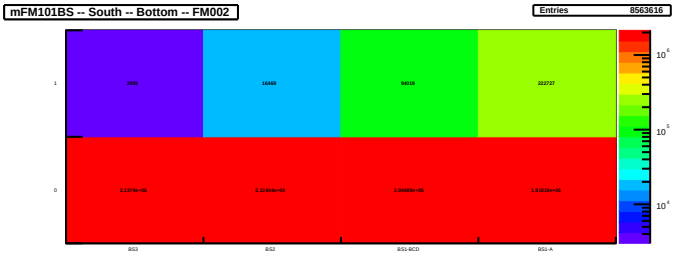
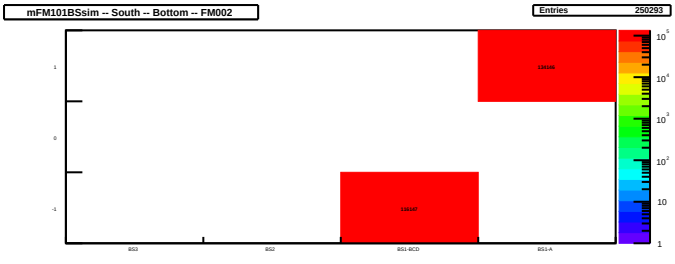
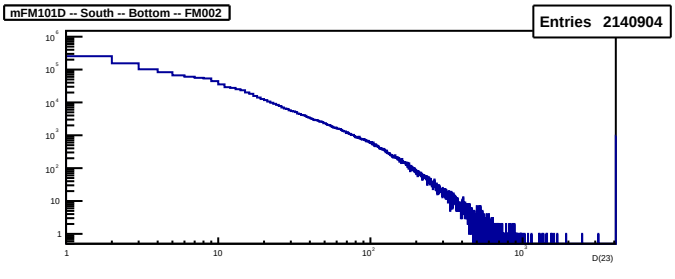
Entries 0
D(23)

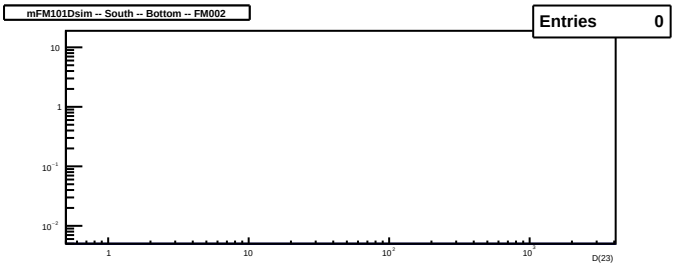

mFM101JP -- South -- Top -- FM001
Entries 4281808
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 8563616
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 250293
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 2140904
D(23)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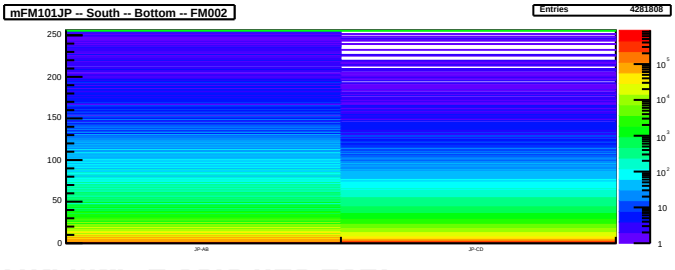
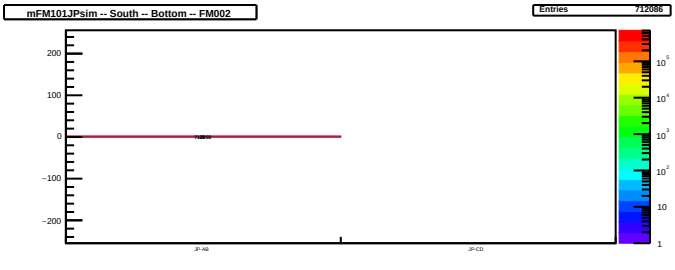
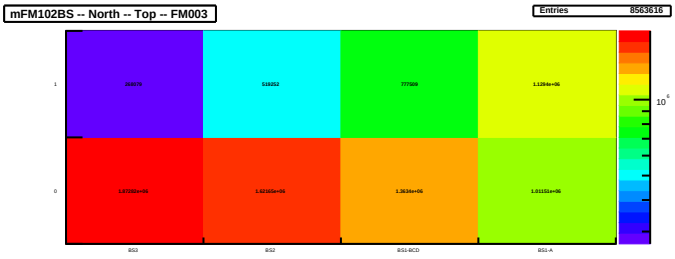
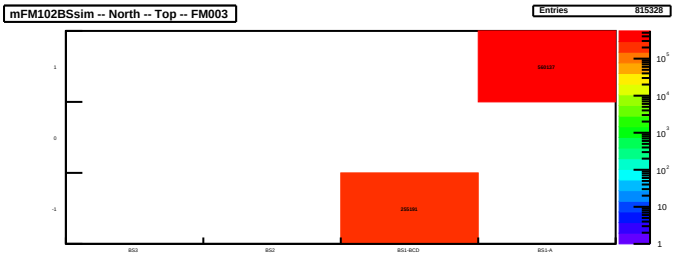
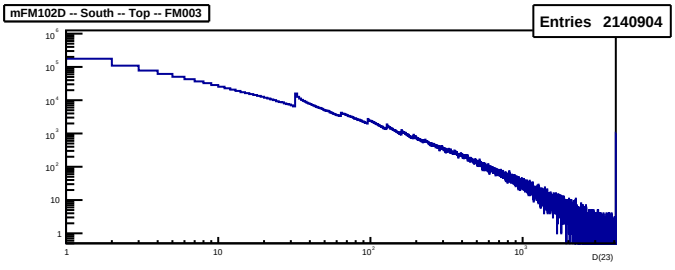
Entries 0
D(23)

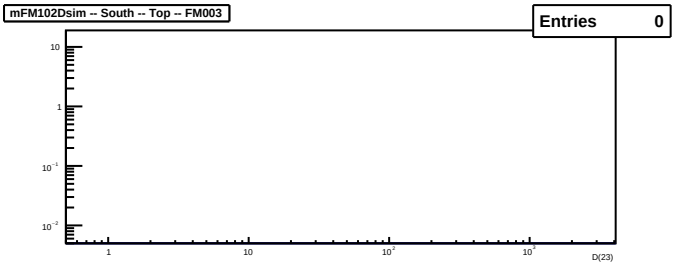

mFM101JP -- South -- Bottom -- FM002
Entries 4281808
JP-AB
JP-CD


mFM101JPsim -- South -- Bottom -- FM002
Entries 712086
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 8563616
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 815328
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 2140904
D(23)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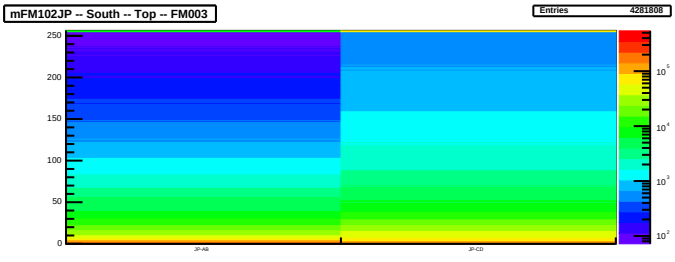
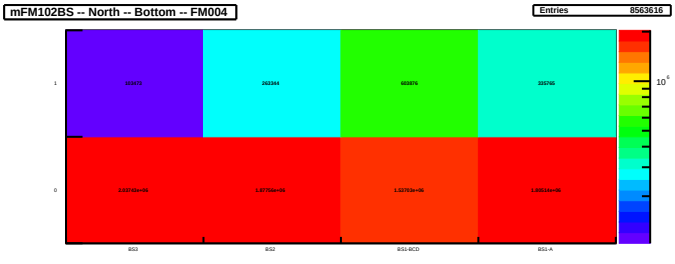
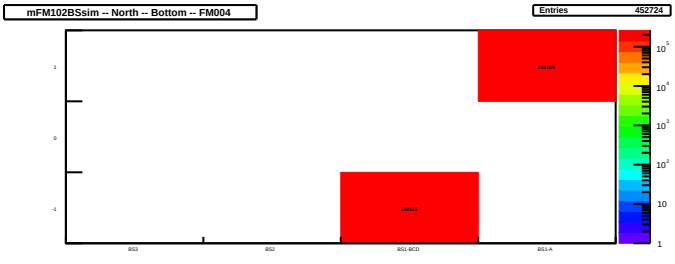
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4281808
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 8563616
BS3
BS2
BS1-BCD
BS1-A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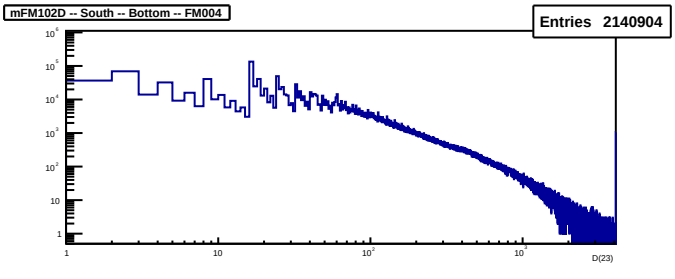
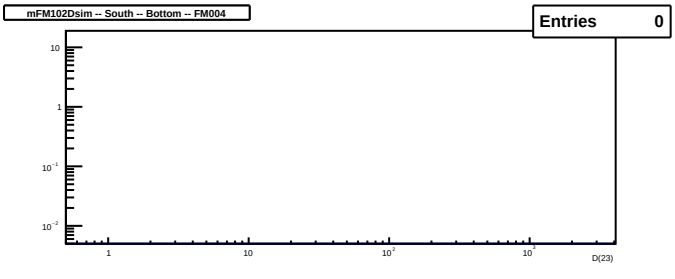
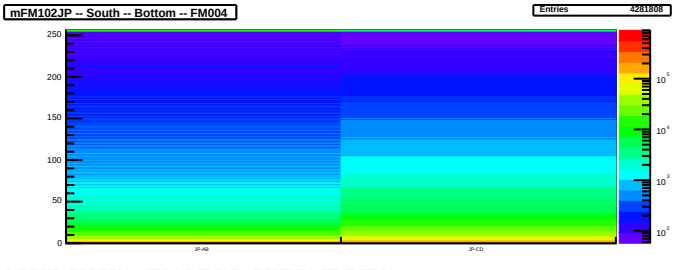
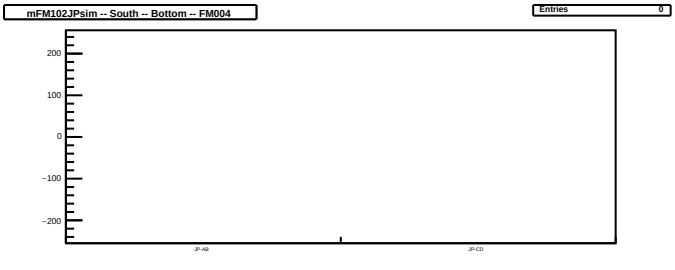
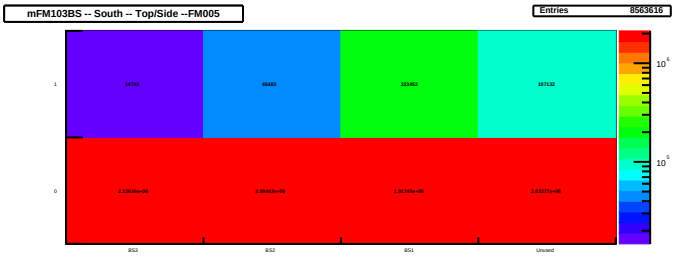
Entries 452724
BS3
BS2
BS1-BCD
BS1-A

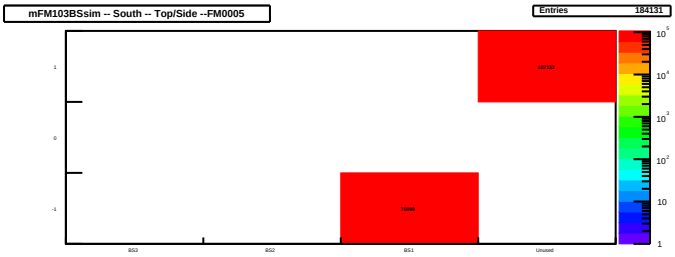

mFM102D -- South -- Bottom -- FM004
Entries 2140904
D(23)

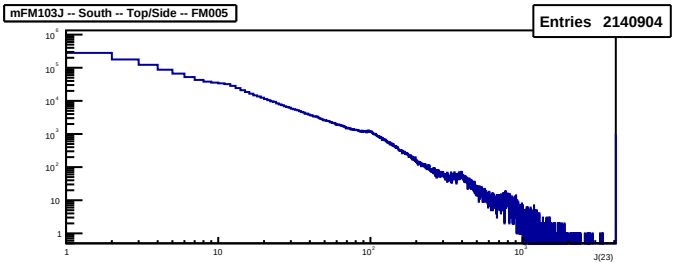

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

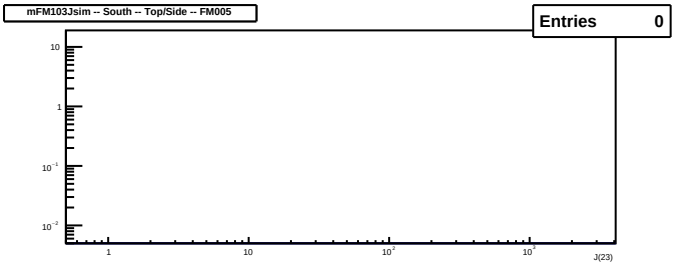

mFM102JP -- South -- Bottom -- FM004
Entries 4281808
JP-AB
JP-CD

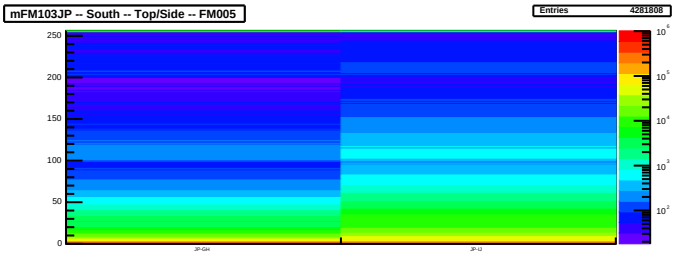

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

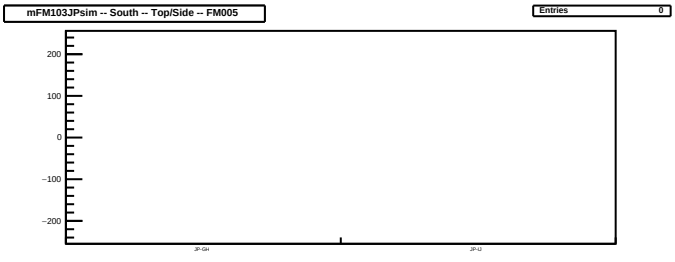

mFM103BS -- South -- Top/Side --FM005
Entries 8563616
BS3
BS2
BS1
Unused

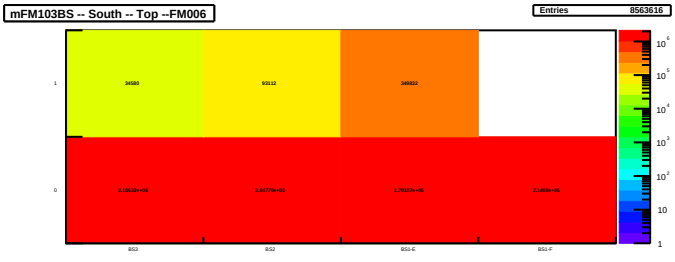

mFM103BSsim -- South -- Top/Side --FM0005
Entries 184131
BS3
BS2
BS1
Unused

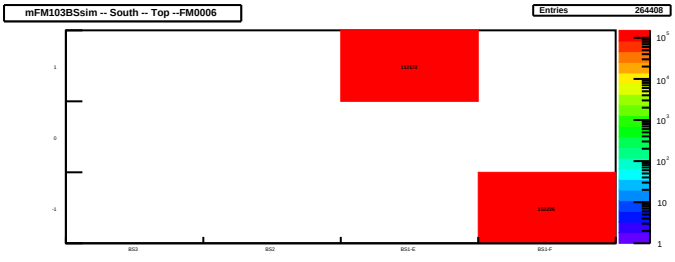

mFM103J -- South -- Top/Side -- FM005
Entries 2140904
J(23)

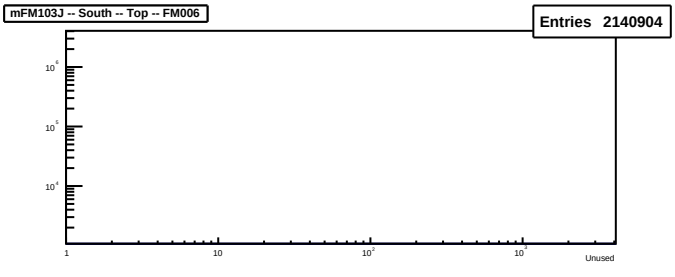

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

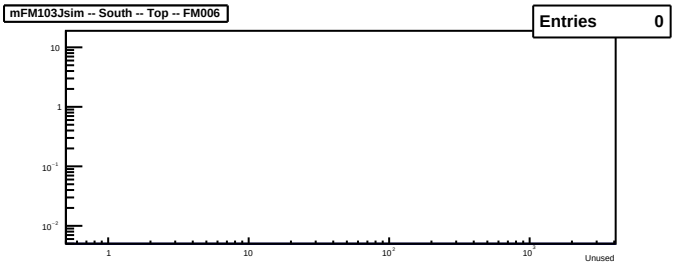

mFM103JP -- South -- Top/Side -- FM005
Entries 4281808
JP-GH
JP-IJ

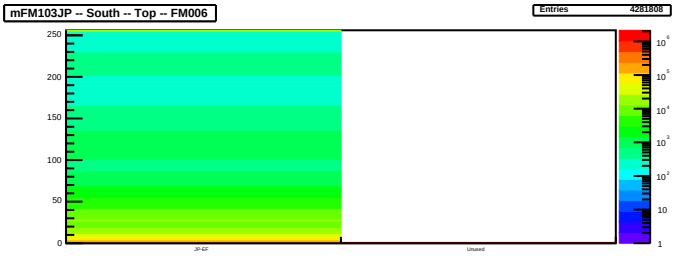

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

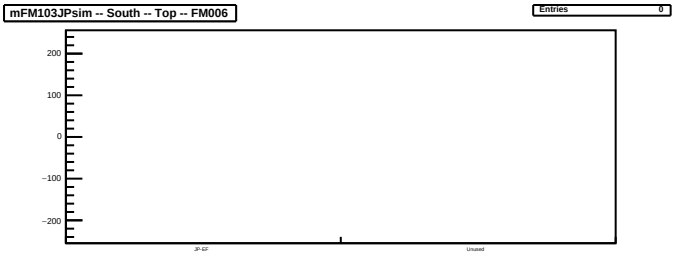

mFM103BS -- South -- Top --FM006
Entries 8563616
BS3
BS2
BS1-E
BS1-F

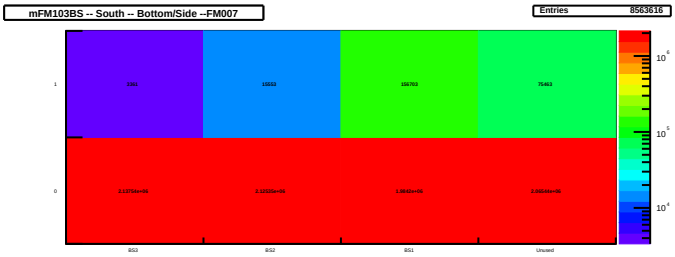

mFM103BSsim -- South -- Top --FM0006
Entries 264408
BS3
BS2
BS1-E
BS1-F

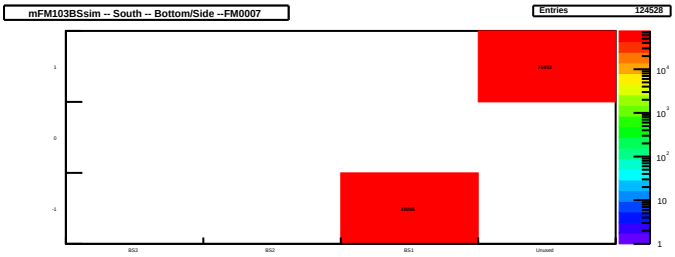

mFM103J -- South -- Top -- FM006
Entries 2140904
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 4281808
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 8563616
BS3
BS2
BS1
Unused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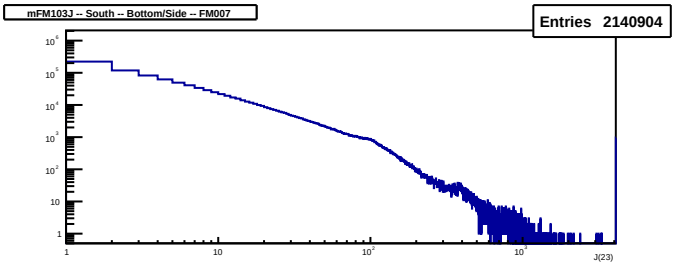
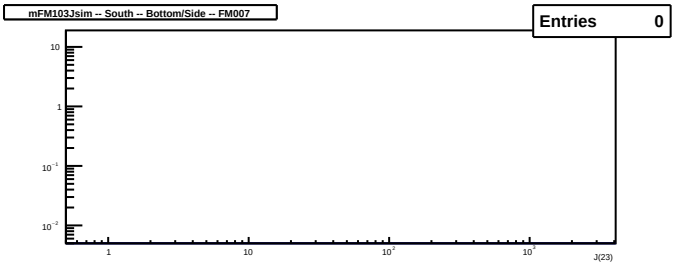
Entries 124528
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 2140904
J(23)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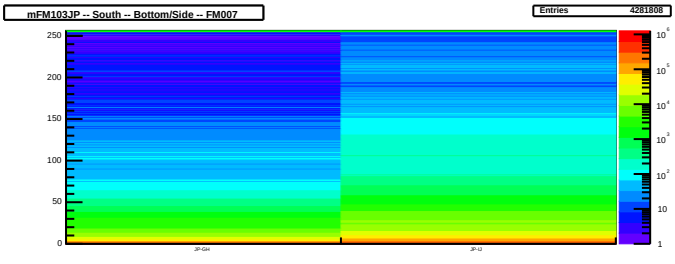
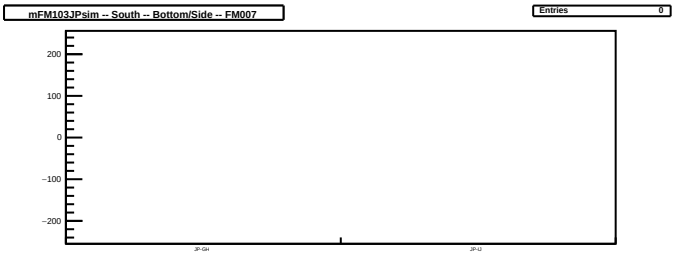
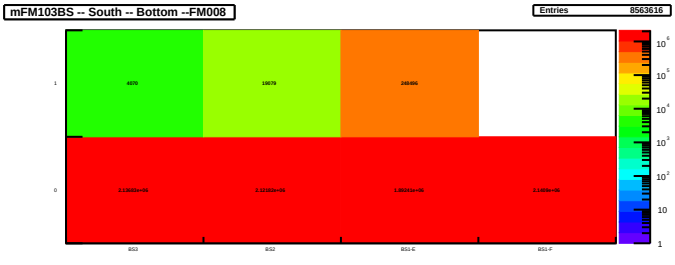
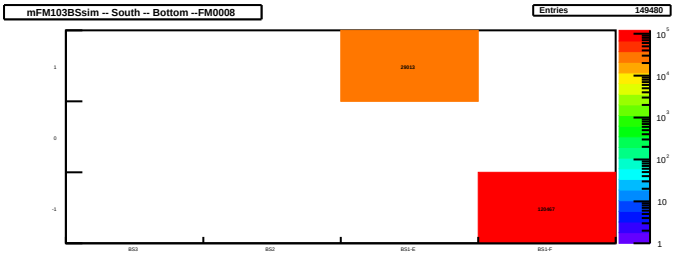
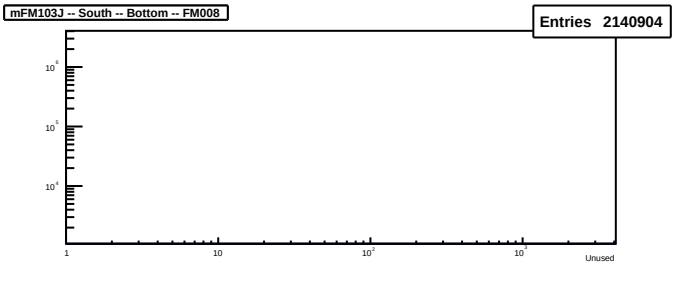
Entries 0
J(23)

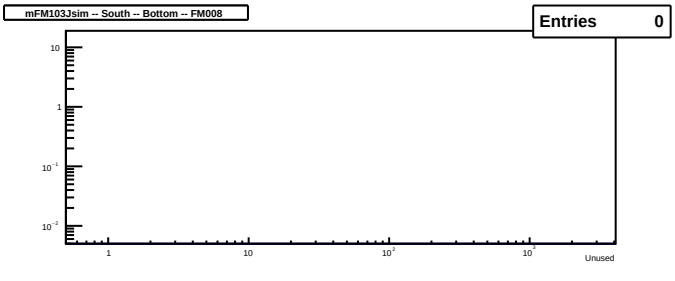

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4281808
JP-GH
JP-IJ

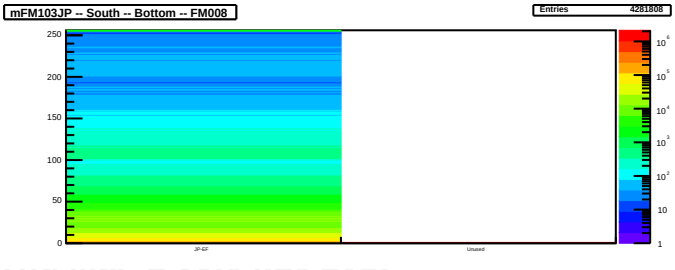

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

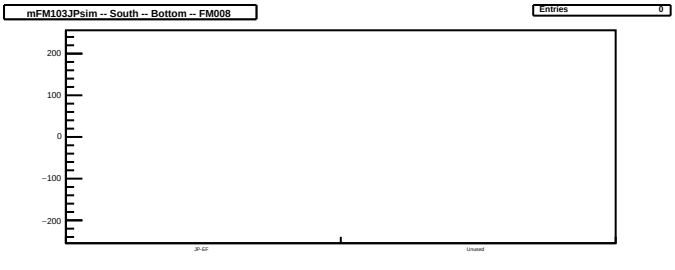

mFM103BS -- South -- Bottom --FM008
Entries 8563616
BS3
BS2
BS1-E
BS1-F

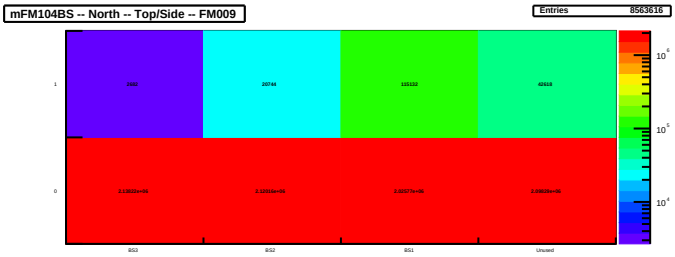

mFM103BSsim -- South -- Bottom --FM0008
Entries 149480
BS3
BS2
BS1-E
BS1-F

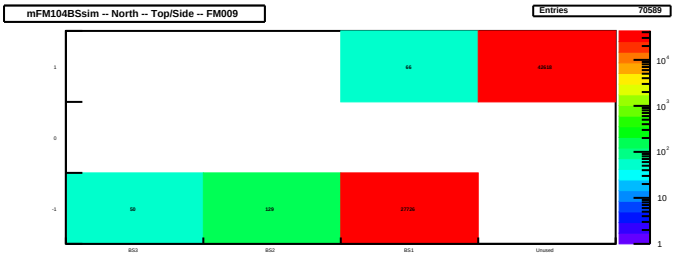

mFM103J -- South -- Bottom -- FM008
Entries 2140904
Unused

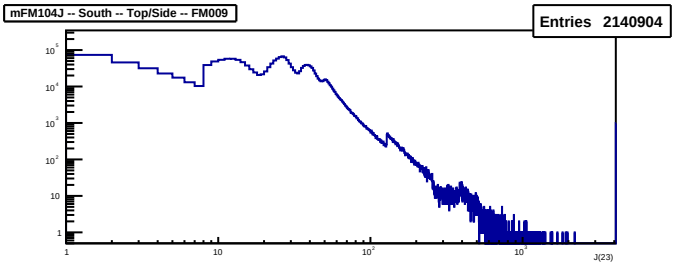

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

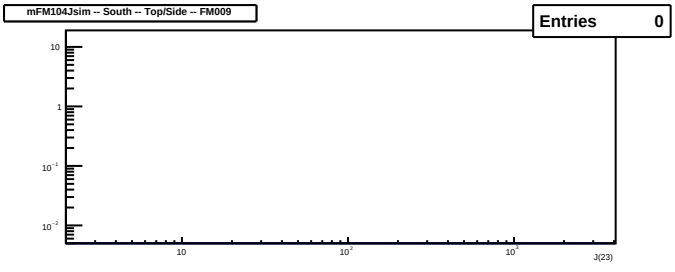

mFM103JP -- South -- Bottom -- FM008
Entries 4281808
JP-EF
Unused

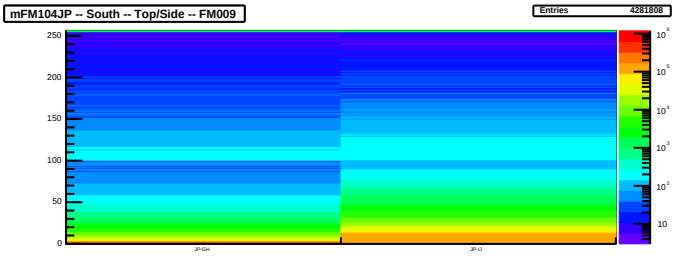

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

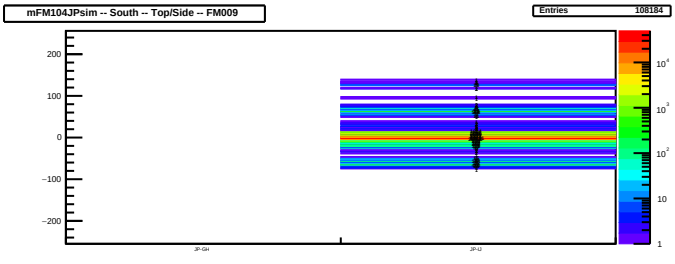

mFM104BS -- North -- Top/Side -- FM009
Entries 8563616
BS3
BS2
BS1
Unused

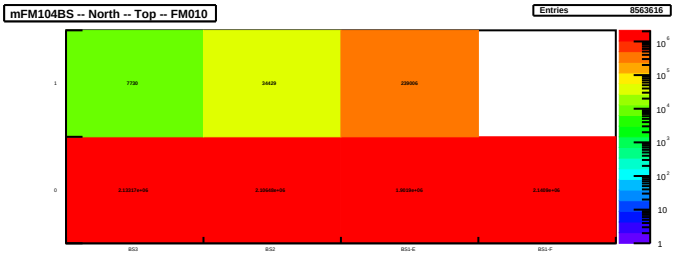

mFM104BSsim -- North -- Top/Side -- FM009
Entries 70589
BS3
BS2
BS1
Unused

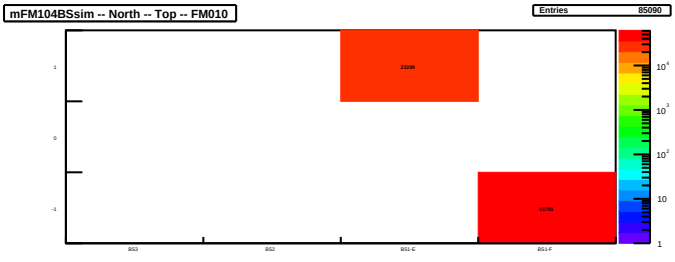

mFM104J -- South -- Top/Side -- FM009
Entries 2140904
J(23)

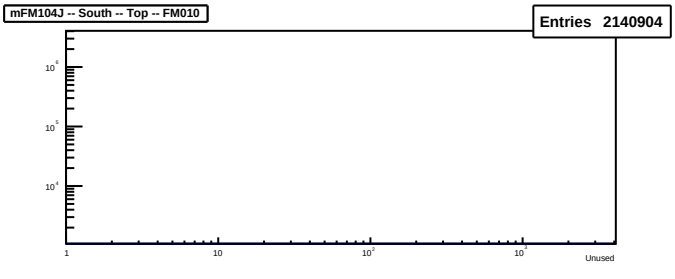

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

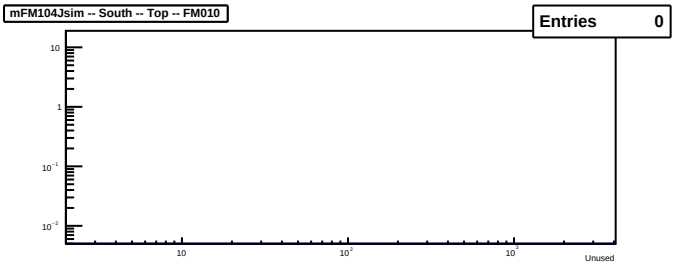

mFM104JP -- South -- Top/Side -- FM009
Entries 4281808
JP-GH
JP-U

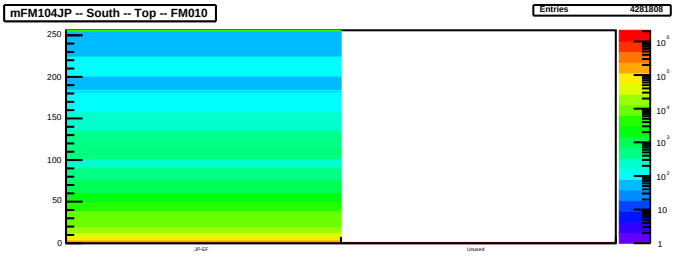

mFM104JPsim -- South -- Top/Side -- FM009
Entries 108184
JP-GH
JP-U

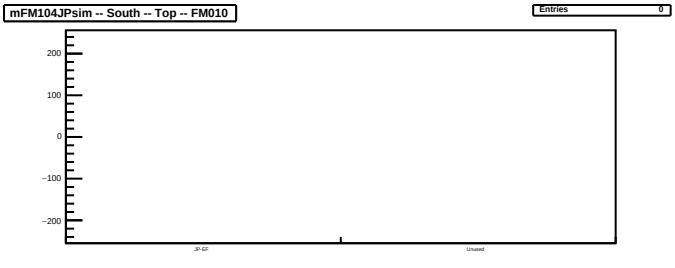

mFM104BS -- North -- Top -- FM010
Entries 8563616
BS3
BS2
BS1-E
BS1-F

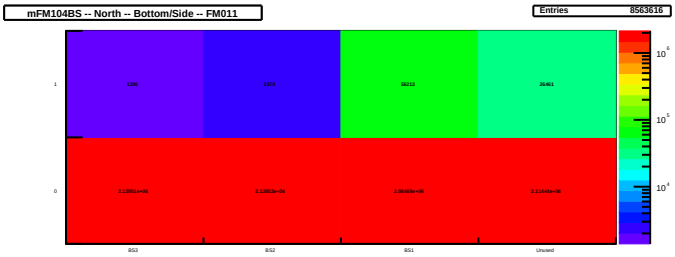

mFM104BSsim -- North -- Top -- FM010
Entries 85090
BS3
BS2
BS1-E
BS1-F

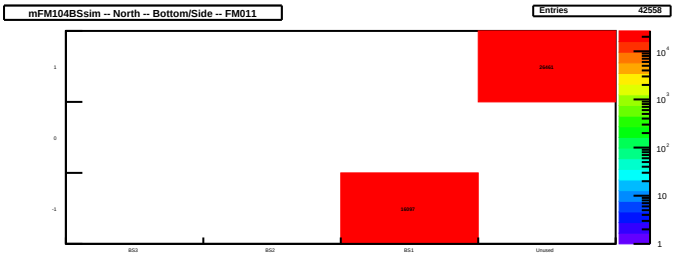

mFM104J -- South -- Top -- FM010
Entries 2140904
Unused

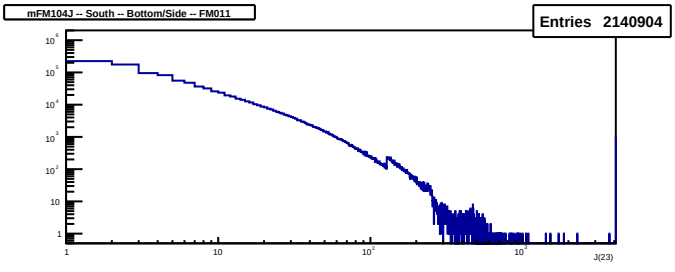

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

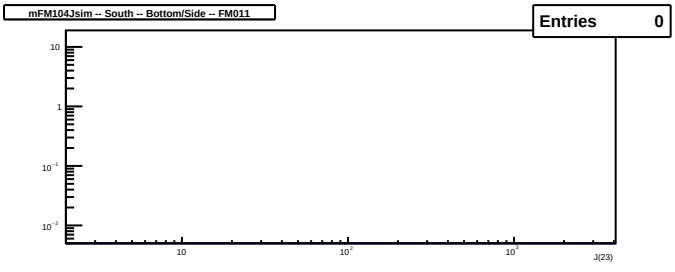

mFM104JP -- South -- Top -- FM010
Entries 4281808
JP-EF
Unused

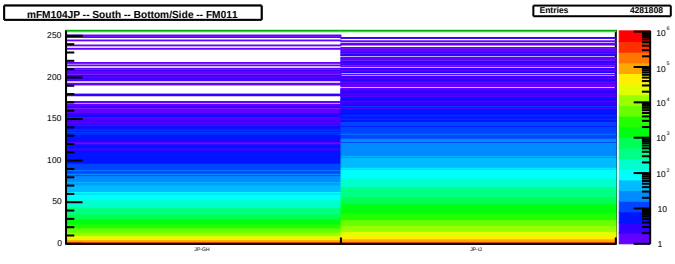

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

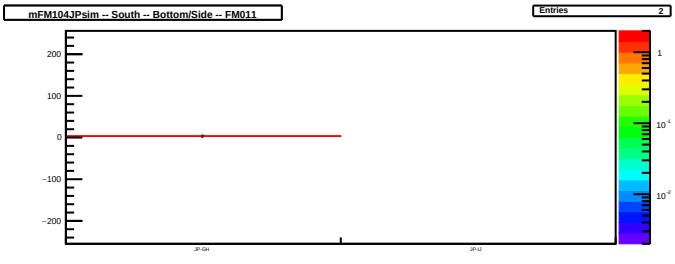

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8563616
BS3
BS2
BS1
Unused

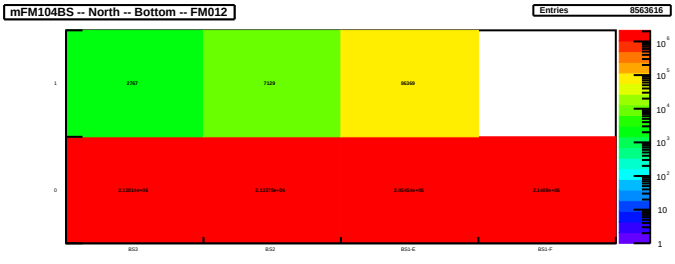

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 42558
BS3
BS2
BS1
Unused

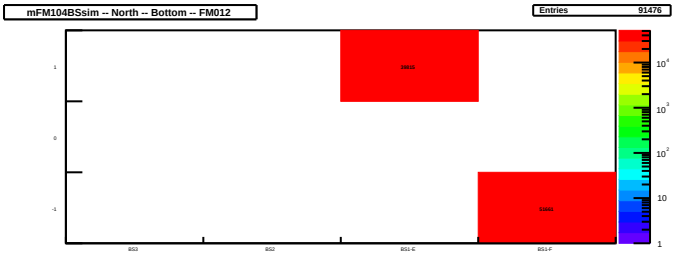

mFM104J -- South -- Bottom/Side -- FM011
Entries 2140904
J(23)

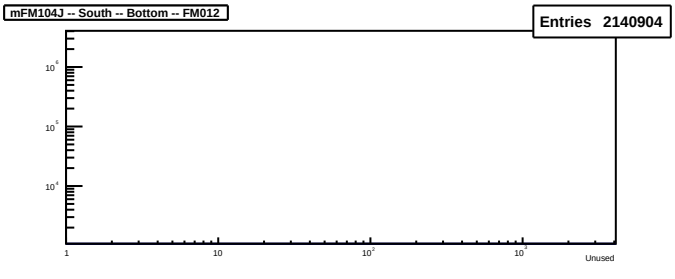

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

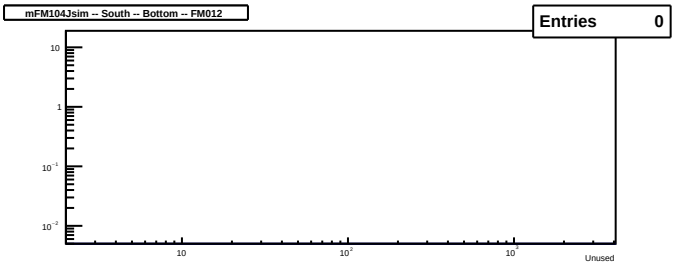

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4281808
JP-GH
JP-IJ

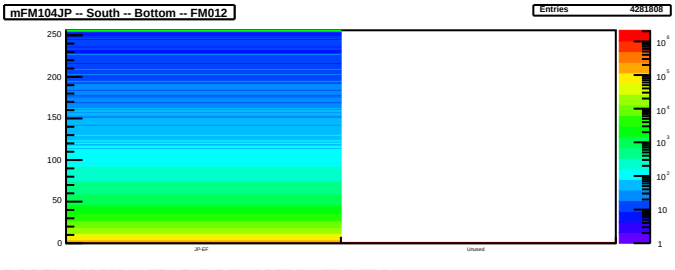

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2
JP-GH
JP-IJ

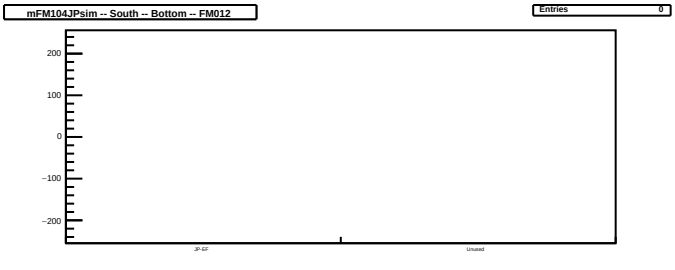

mFM104BS -- North -- Bottom -- FM012
Entries 8563616
BS3
BS2
BS1-E
BS1-F

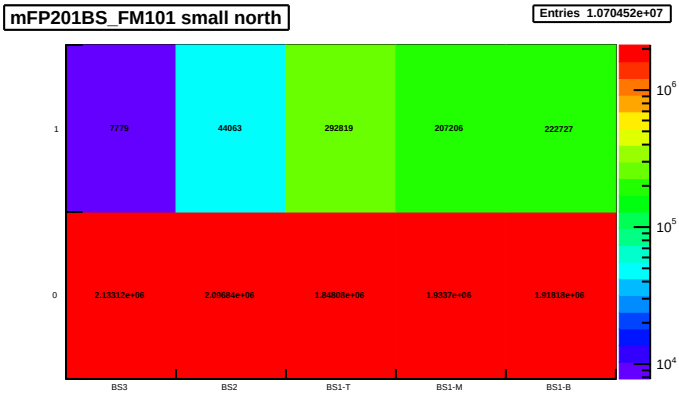

mFM104BSsim -- North -- Bottom -- FM012
Entries 91476
BS3
BS2
BS1-E
BS1-F

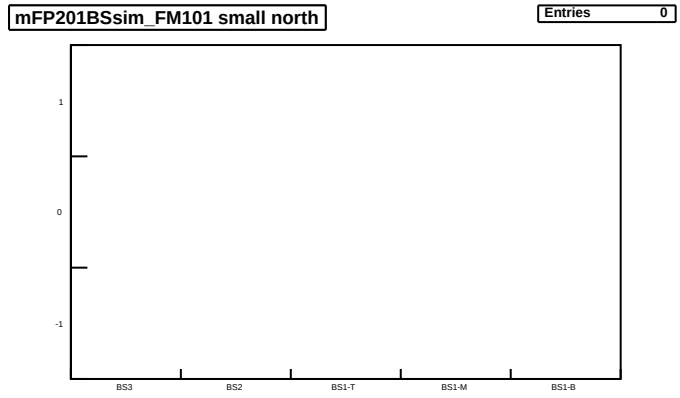

mFM104J -- South -- Bottom -- FM012
Entries 2140904
Unused

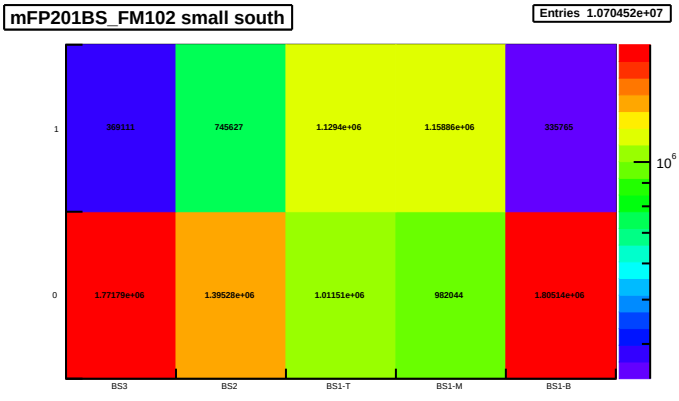

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

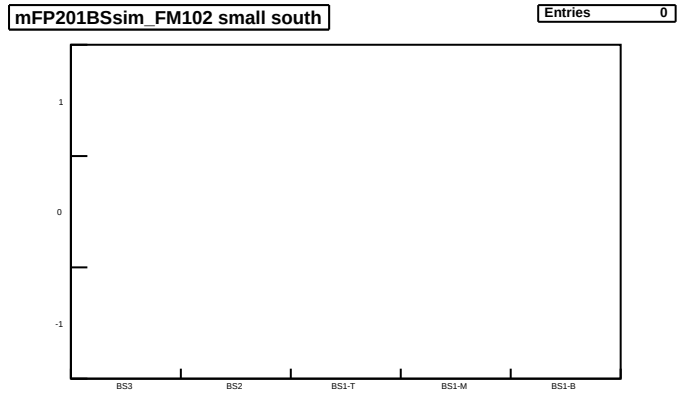

mFM104JP -- South -- Bottom -- FM012
Entries 4281808
JP-EF
Unused

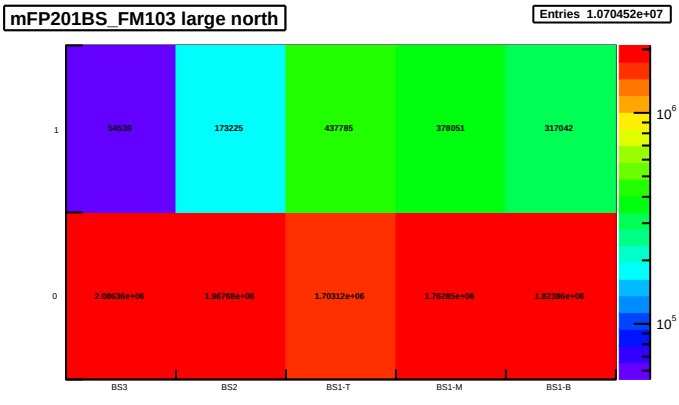

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

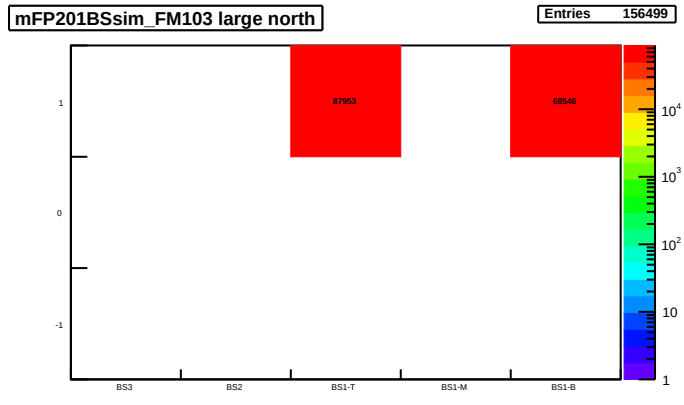

mFP201BS_FM101 small north
Entries 1.070452e+07
7779
44063
292819
207206
222727
2.13312e+06
2.09684e+06
1.84808e+06
1.9337e+06
1.91818e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

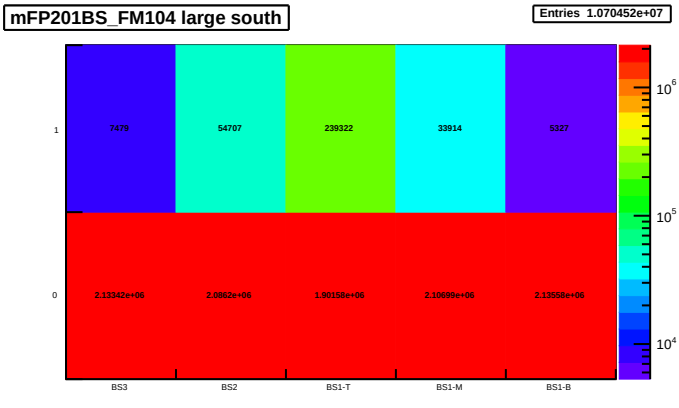

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

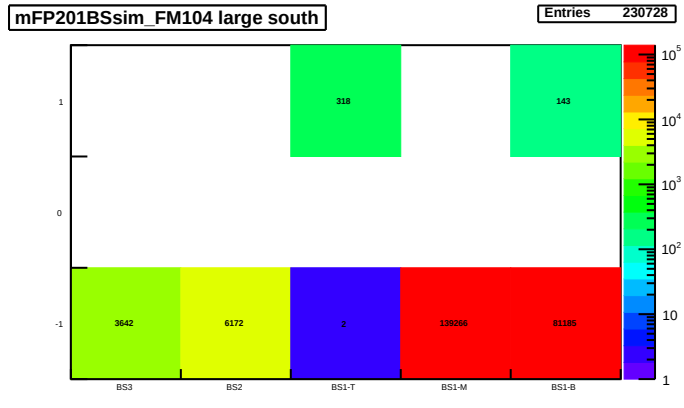

mFP201BS_FM102 small south
Entries 1.070452e+07
369111
745627
1.1294e+06
1.15886e+06
335765
1.77179e+06
1.39528e+06
1.01151e+06
982044
1.80514e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

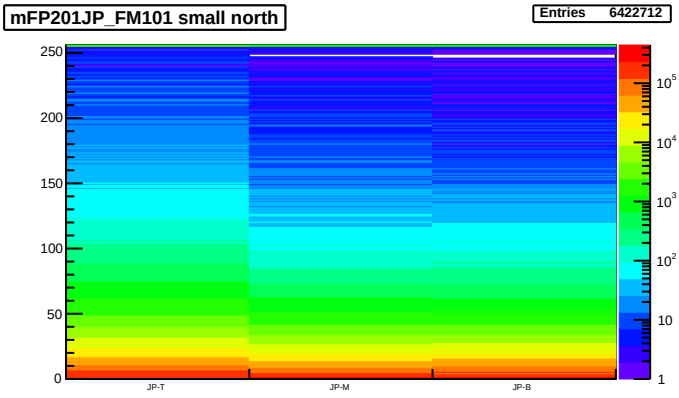

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

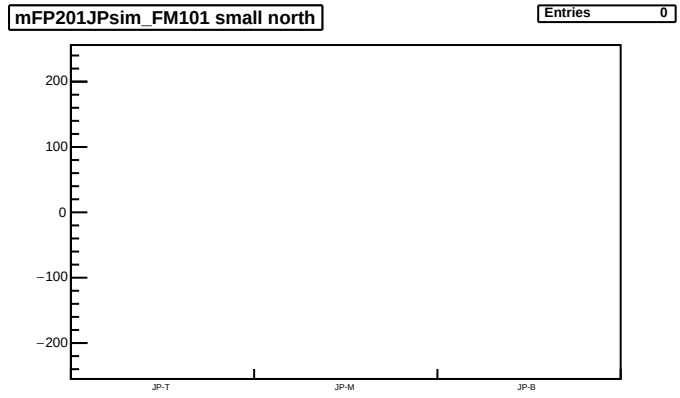

mFP201BS_FM103 large north
Entries 1.070452e+07
54539
173225
437785
378051
317042
2.08636e+06
1.96768e+06
1.70312e+06
1.76285e+06
1.82386e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

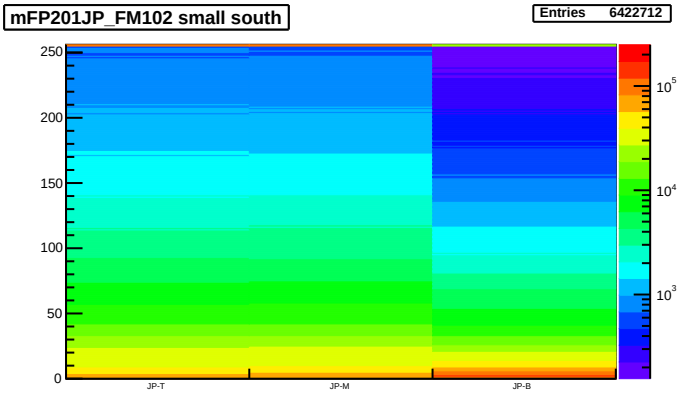

mFP201BSsim_FM103 large north
Entries 156499
87953
68546
BS3
BS2
BS1-T
BS1-M
BS1-B

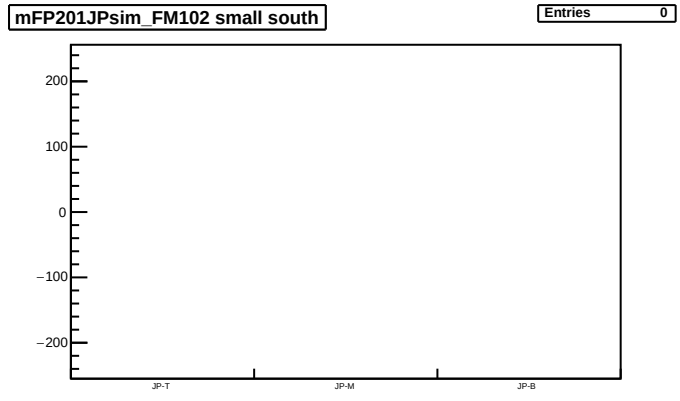

mFP201BS_FM104 large south
Entries 1.070452e+07
7479
54707
239322
33914
5327
2.13342e+06
2.0862e+06
1.90158e+06
2.10699e+06
2.13558e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

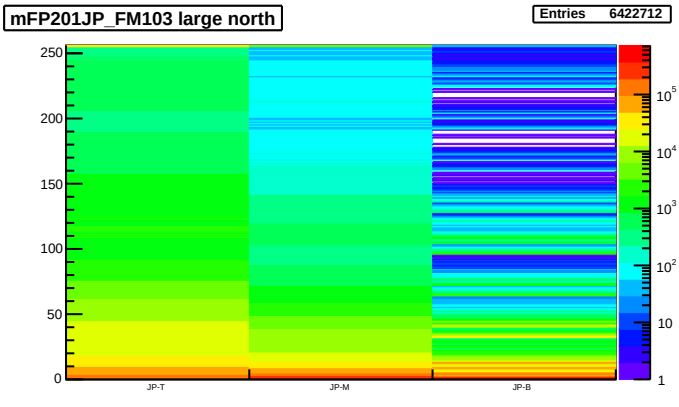

mFP201BSsim_FM104 large south
Entries 230728
318
143
3642
6172
2
139266
81185
BS3
BS2
BS1-T
BS1-M
BS1-B

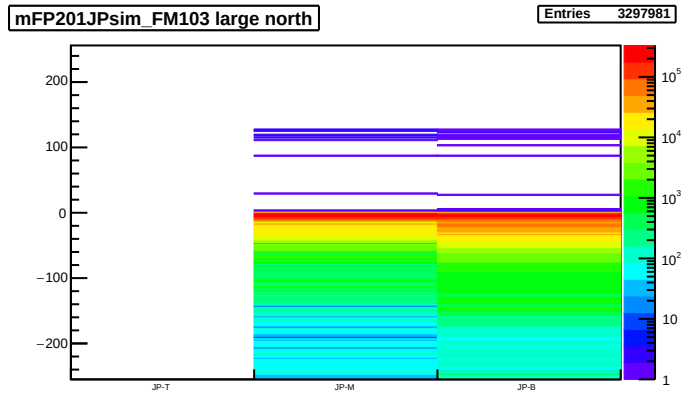

mFP201JP_FM101 small north
Entries 6422712
JP-T
JP-M
JP-B

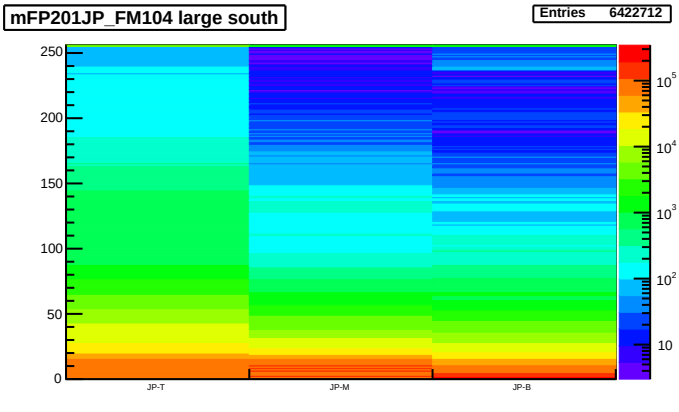

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

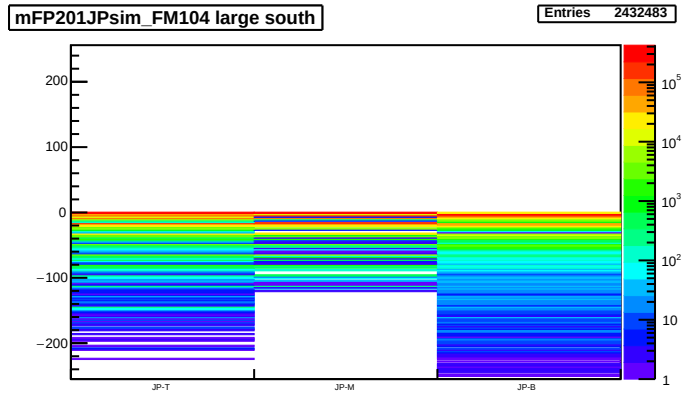

mFP201JP_FM102 small south
Entries 6422712
JP-T
JP-M
JP-B

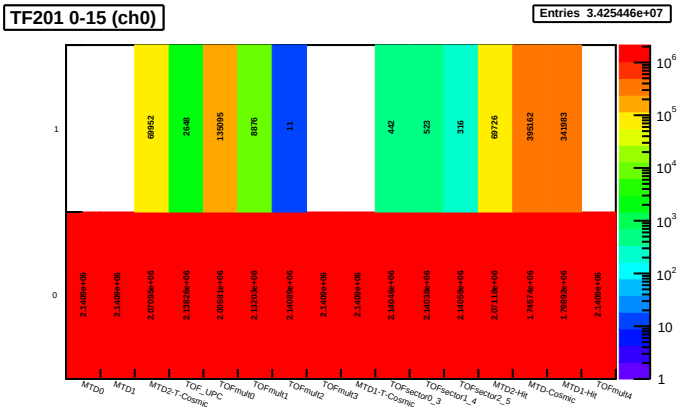

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

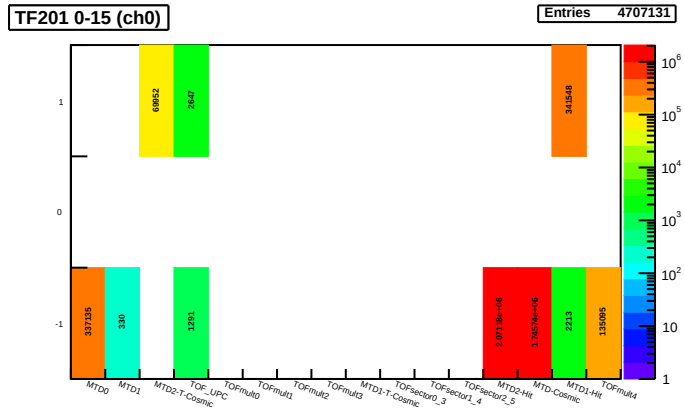

mFP201JP_FM103 large north
Entries 6422712
JP-T
JP-M
JP-B

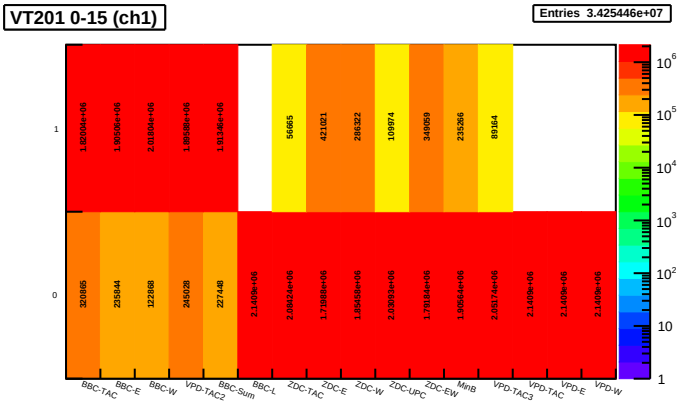

mFP201JPsim_FM103 large north
Entries 3297981
JP-T
JP-M
JP-B

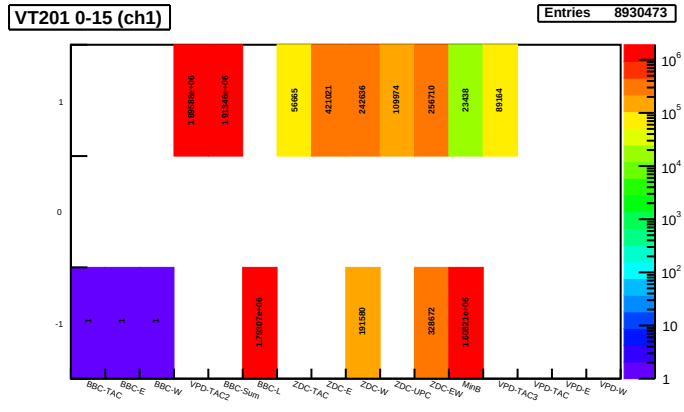

mFP201JP_FM104 large south
Entries 6422712
JP-T
JP-M
JP-B

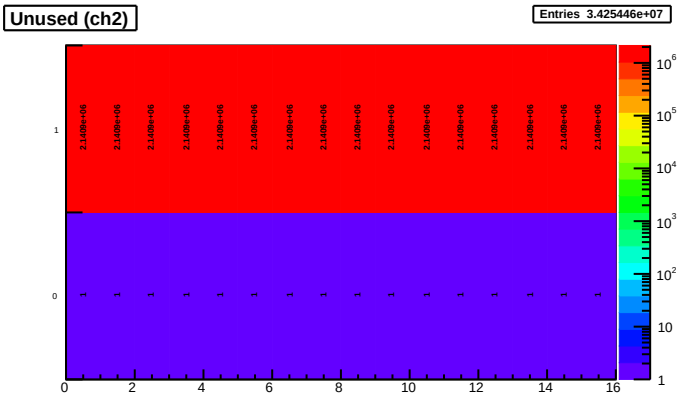

mFP201JPsim_FM104 large south
Entries 2432483
JP-T
JP-M
JP-B

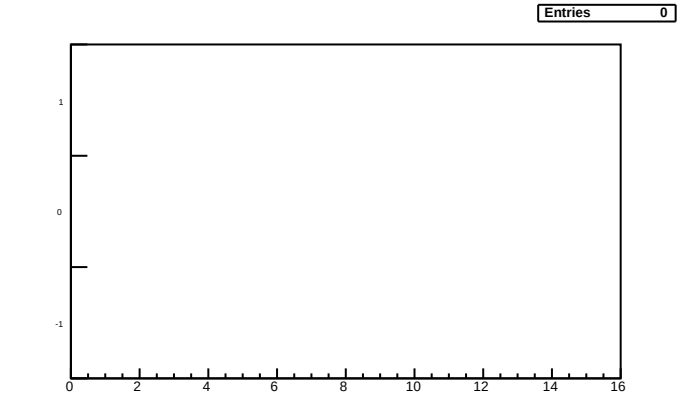

TF201 0-15 (ch0)
Entries 3.425446e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

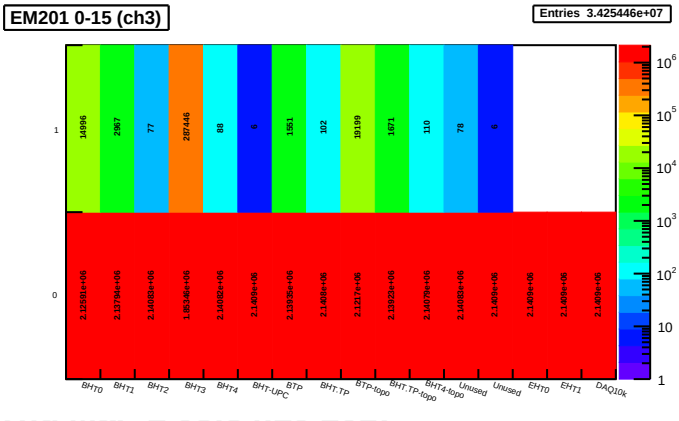

TF201 0-15 (ch0)
Entries 4707131
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

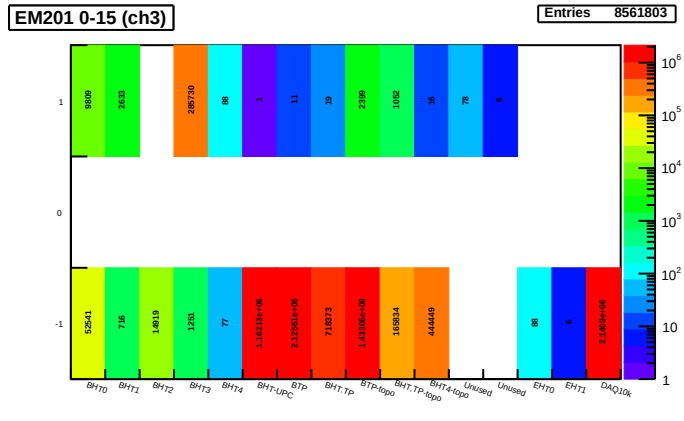

VT201 0-15 (ch1)
Entries 3.425446e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

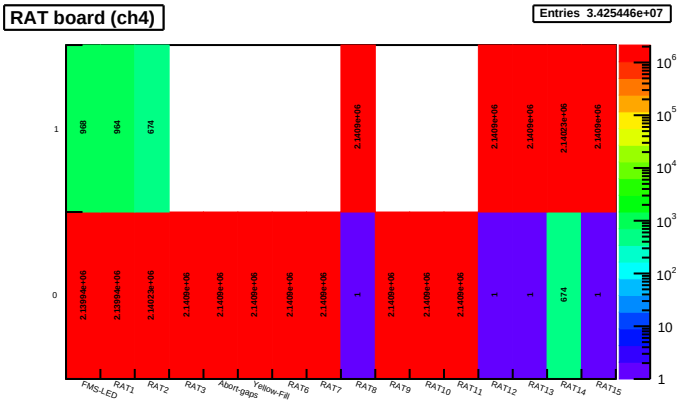

VT201 0-15 (ch1)
Entries 8930473
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

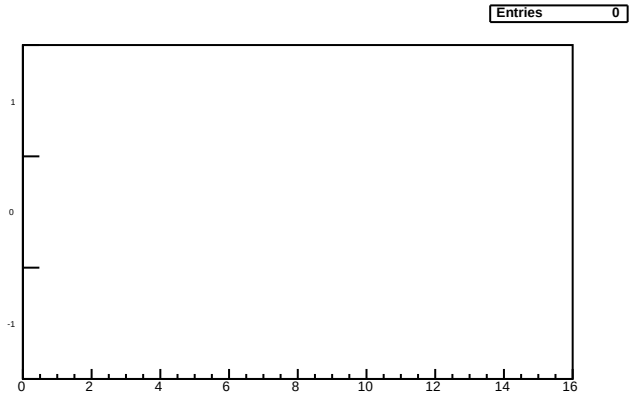

Unused (ch2)
Entries 3.425446e+07

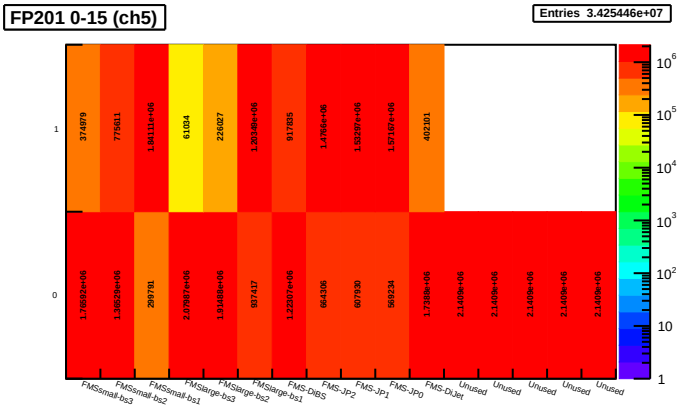

Entries 0

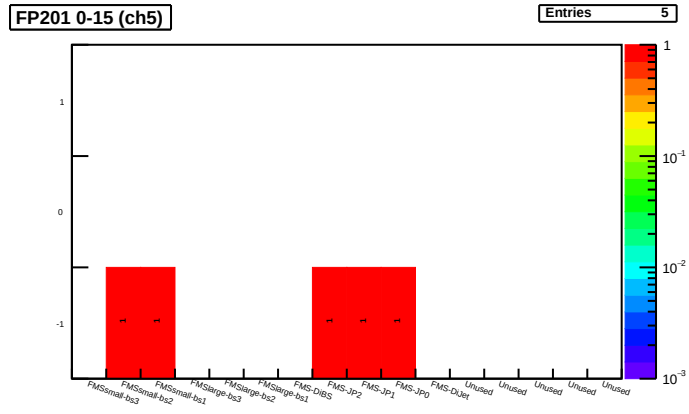

EM201 0-15 (ch3)
Entries 3.425446e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

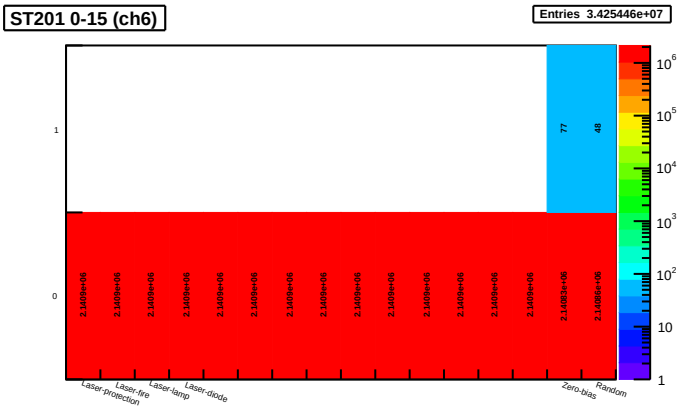

EM201 0-15 (ch3)
Entries 8561803
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

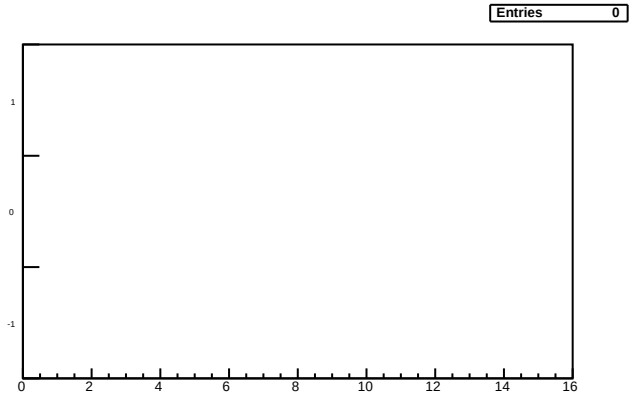

RAT board (ch4)
Entries 3.425446e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

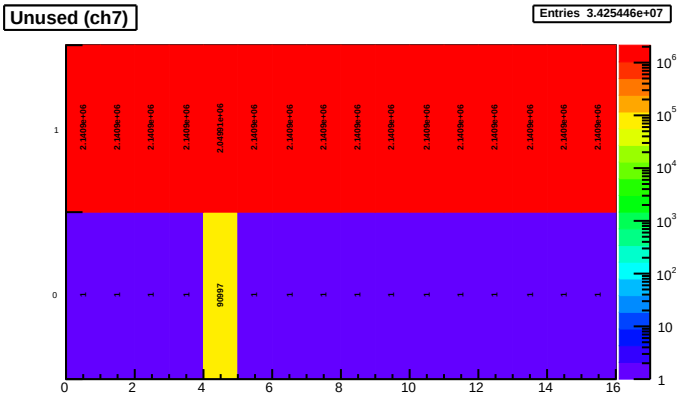

Entries 0

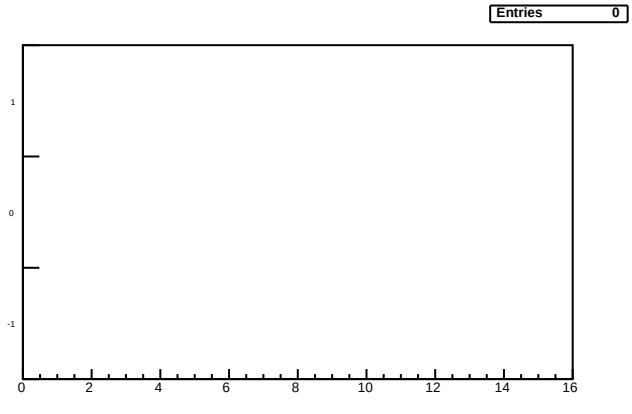

FP201 0-15 (ch5)
Entries 3.425446e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 5
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 3.425446e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 3.425446e+07


Entries 0