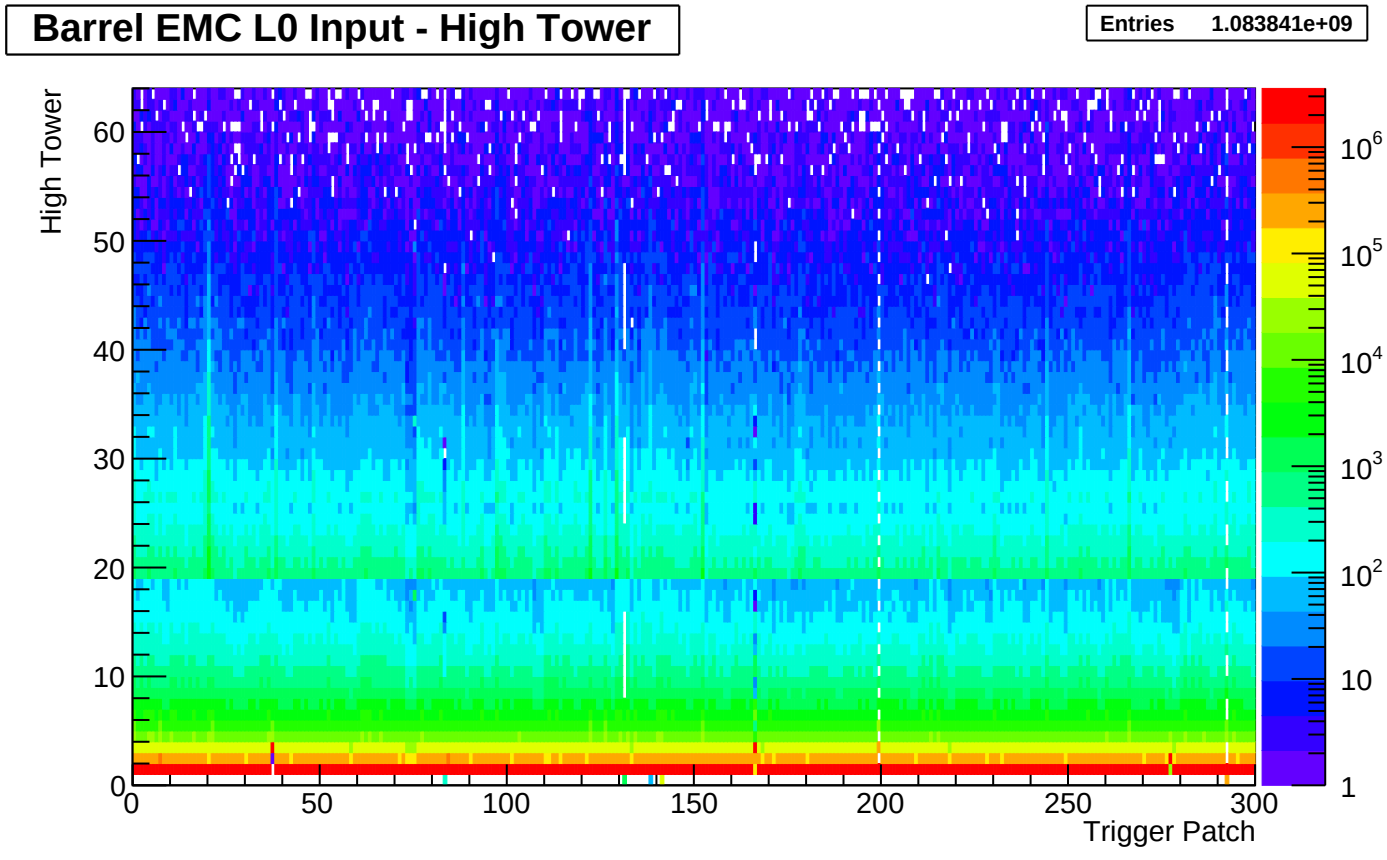
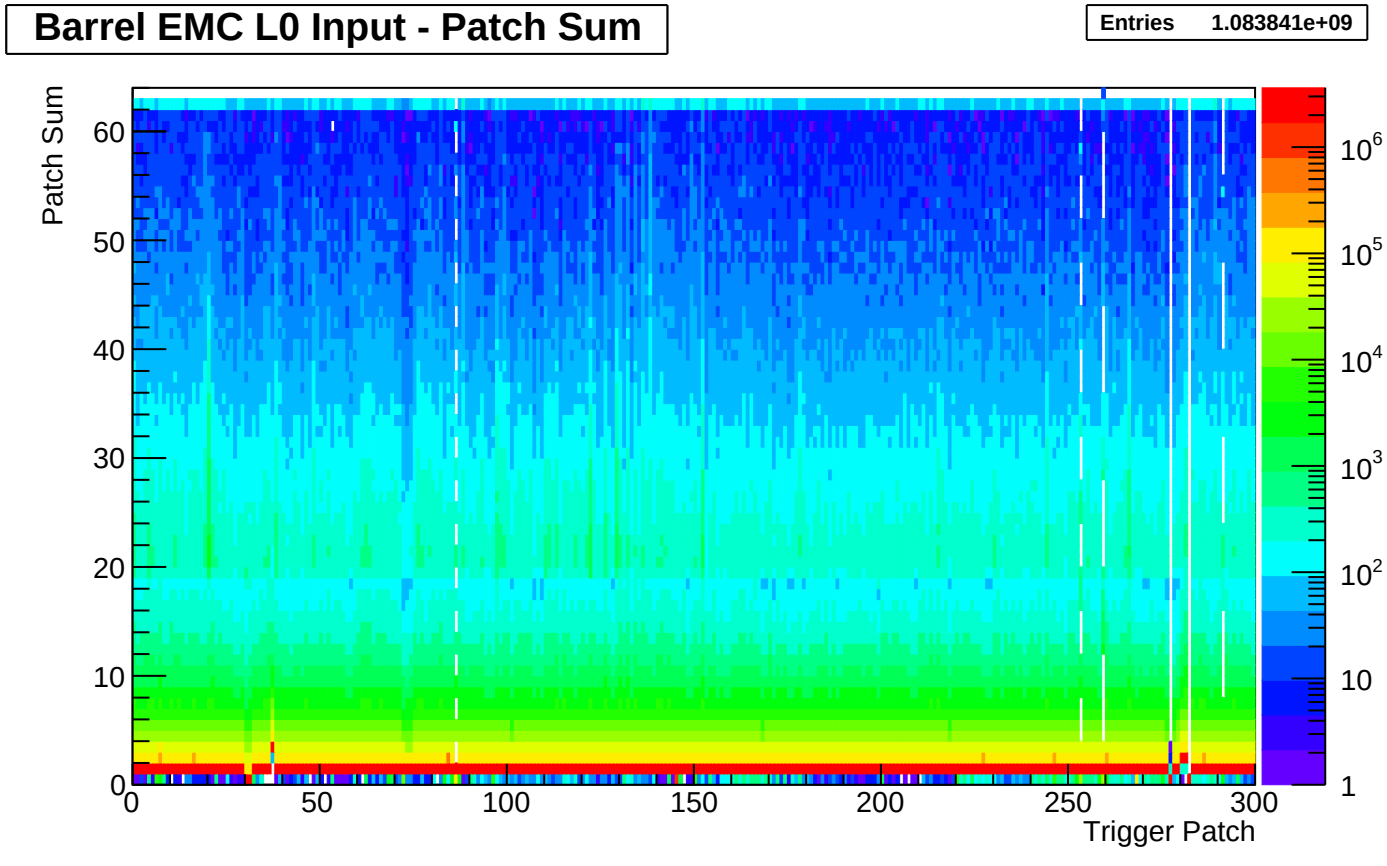
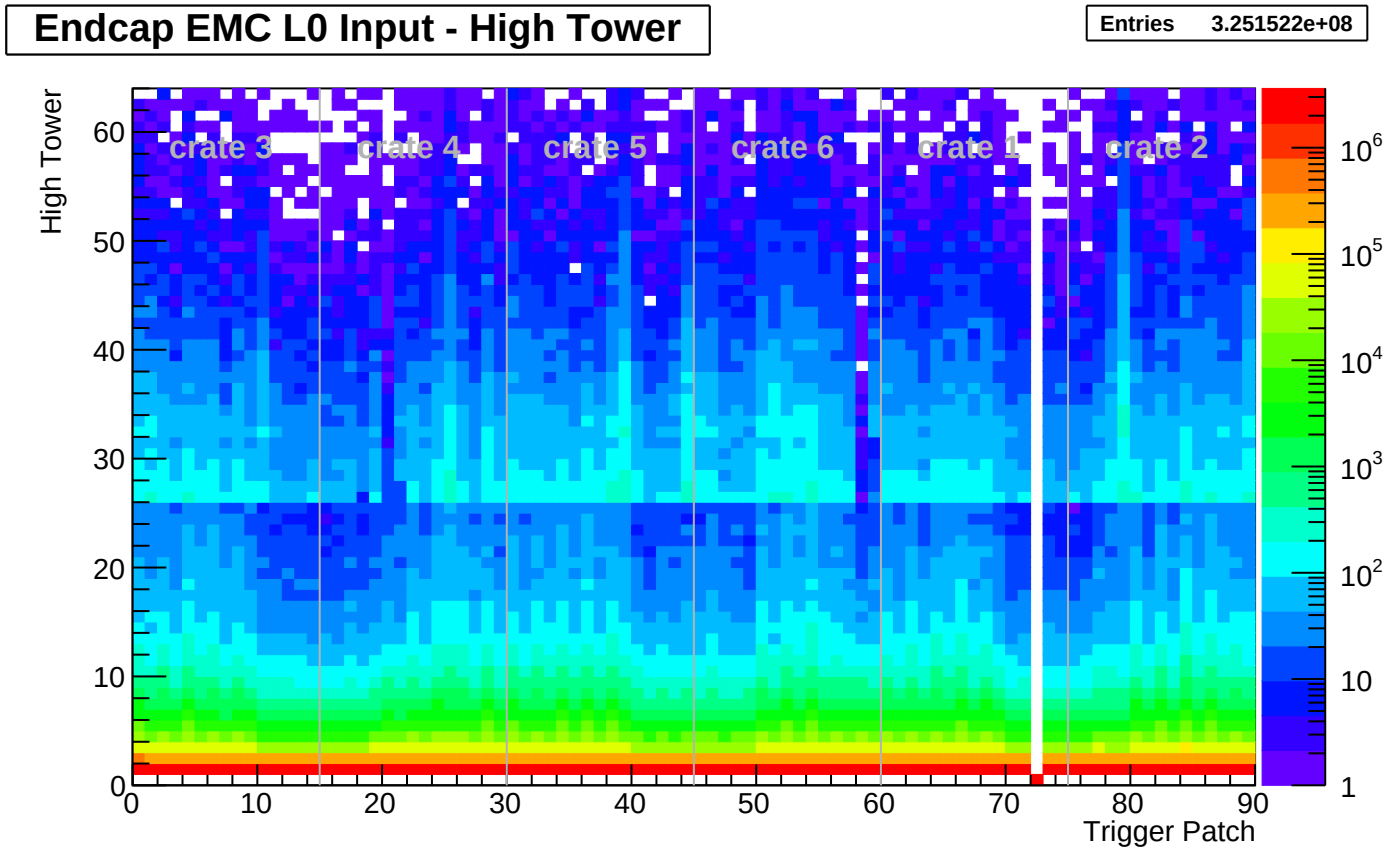
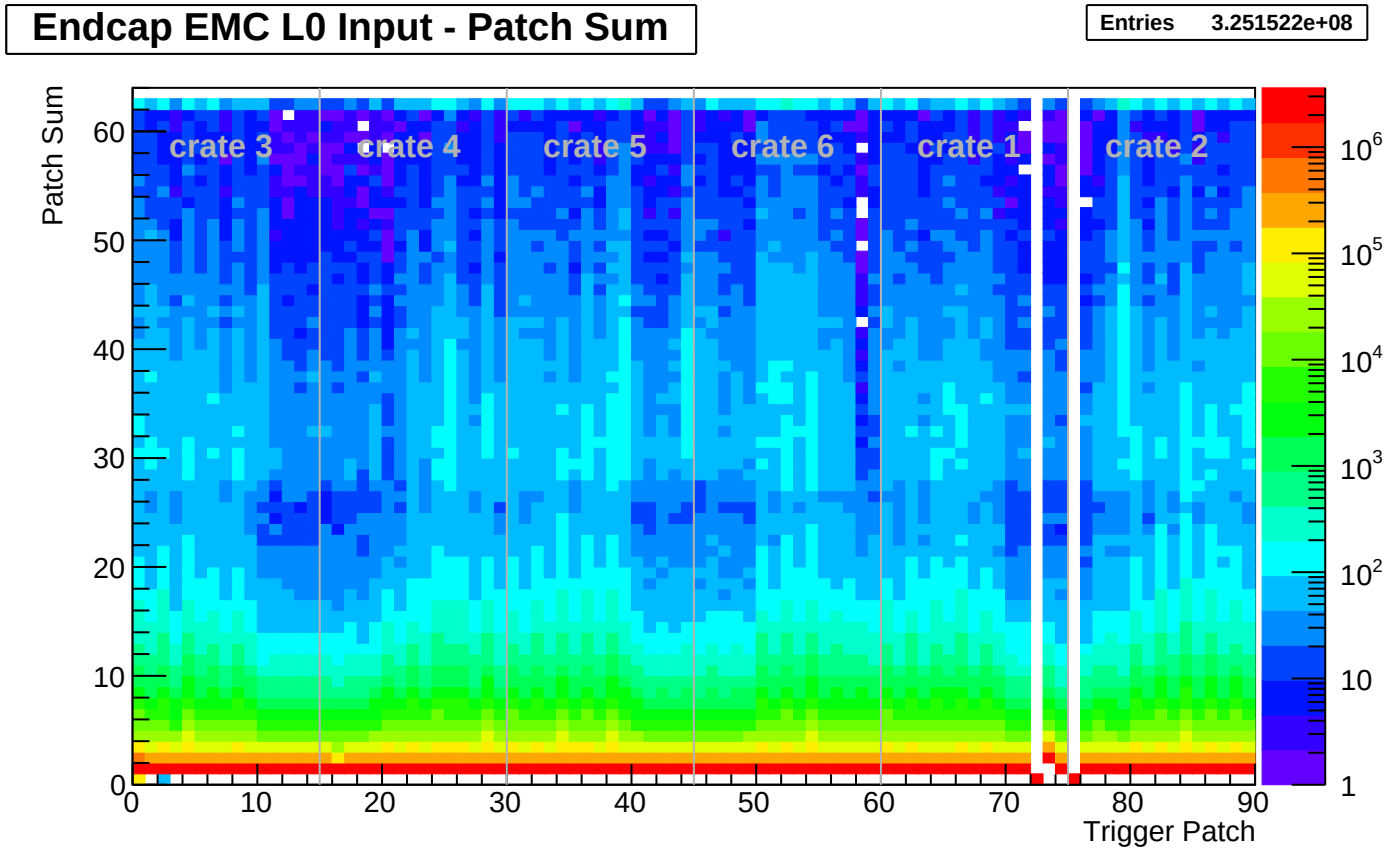
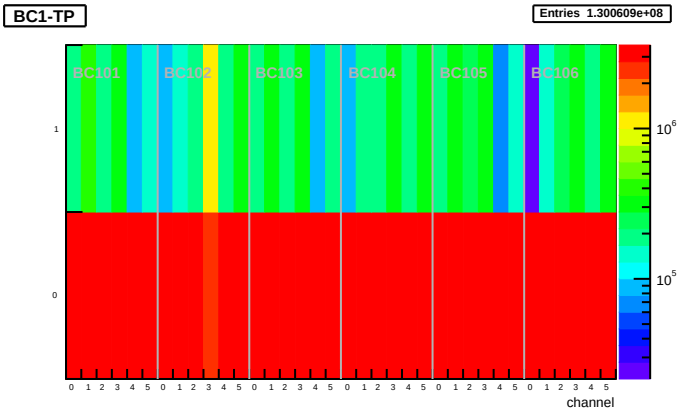
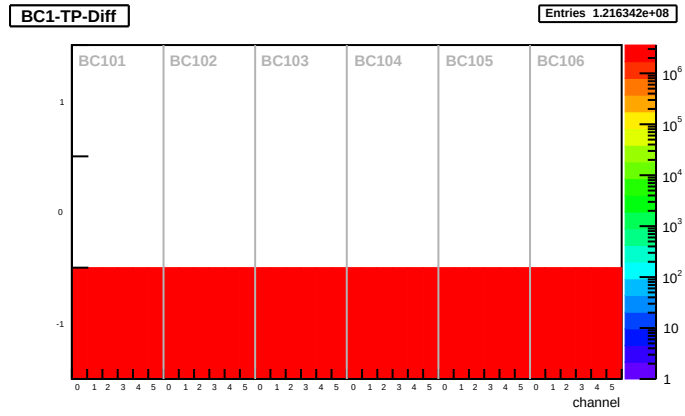

Barrel EMC L0 Input - High Tower
Entries 1.083841e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

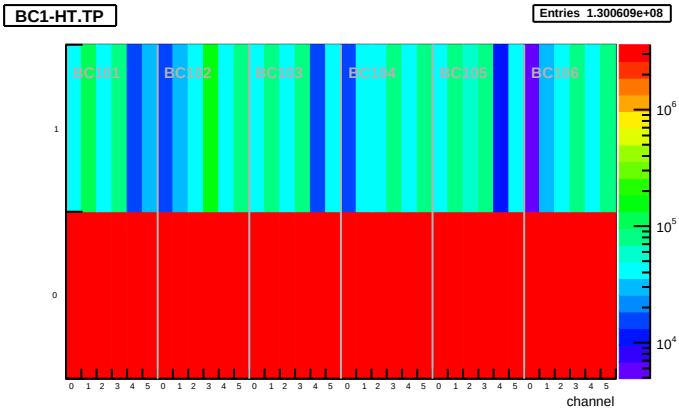

Barrel EMC L0 Input - Patch Sum
Entries 1.083841e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

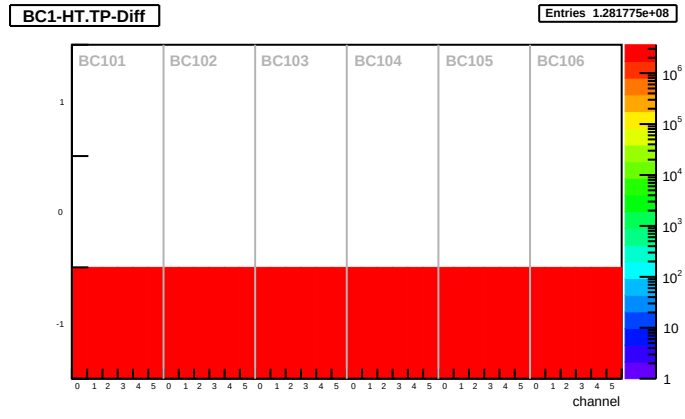

Endcap EMC L0 Input - High Tower
Entries 3.251522e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

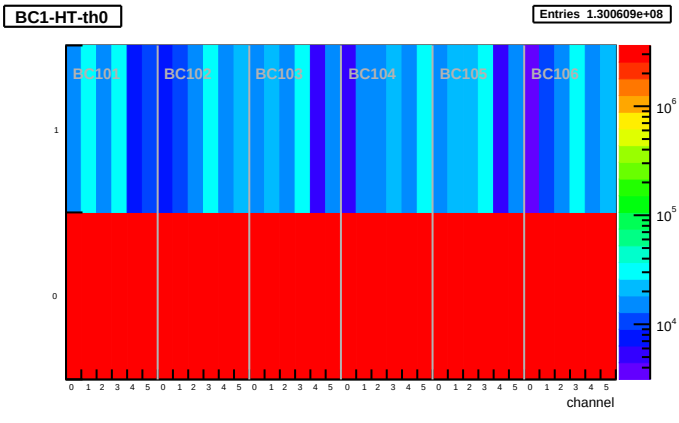

Endcap EMC L0 Input - Patch Sum
Entries 3.251522e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

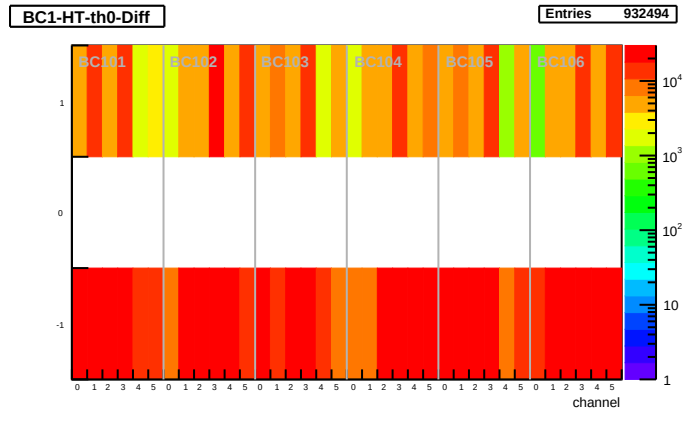

BC1-TP
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

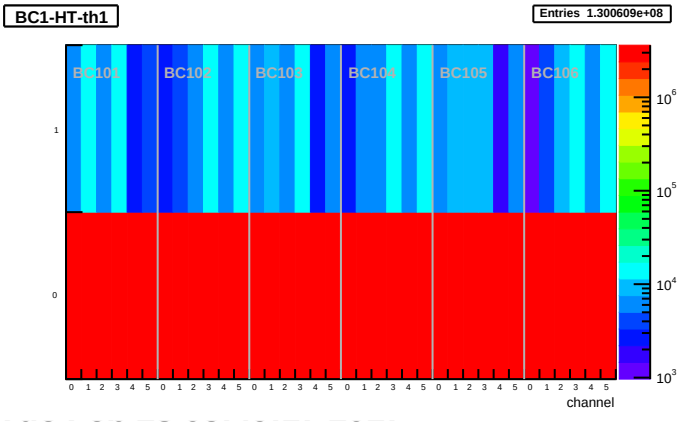

BC1-TP-Diff
Entries 1.216342e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

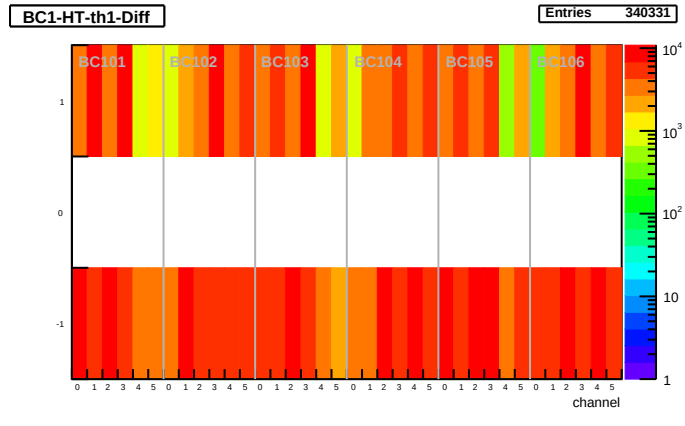

BC1-HT.TP
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

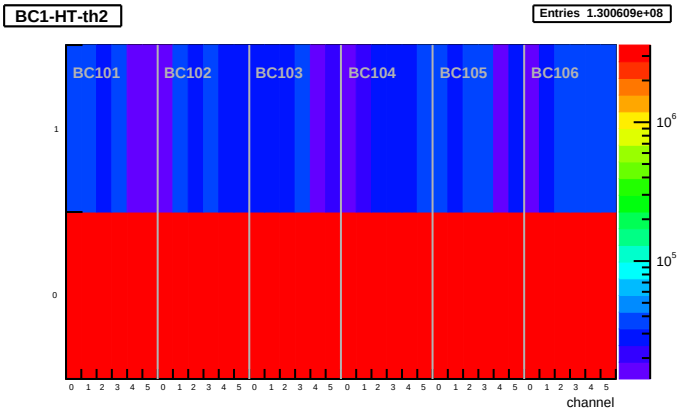

BC1-HT.TP-Diff
Entries 1.281775e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

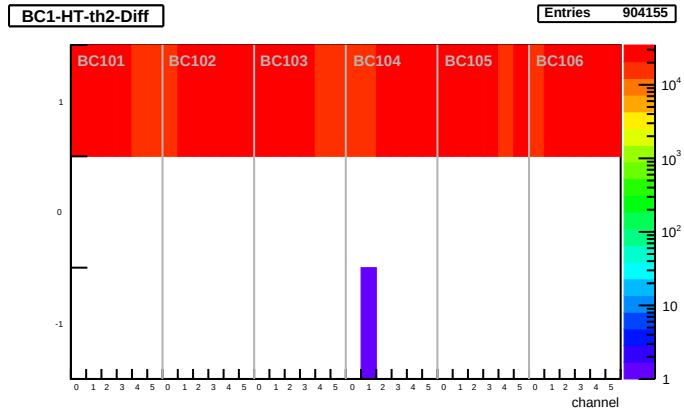

BC1-HT-th0
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

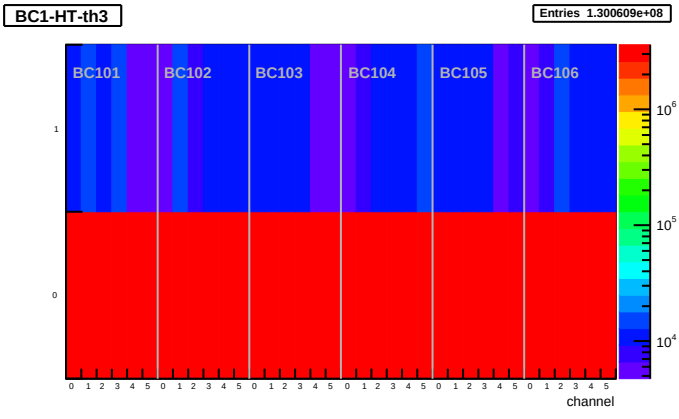

BC1-HT-th0-Diff
Entries 932494
BC101
BC102
BC103
BC104
BC105
BC106
channel

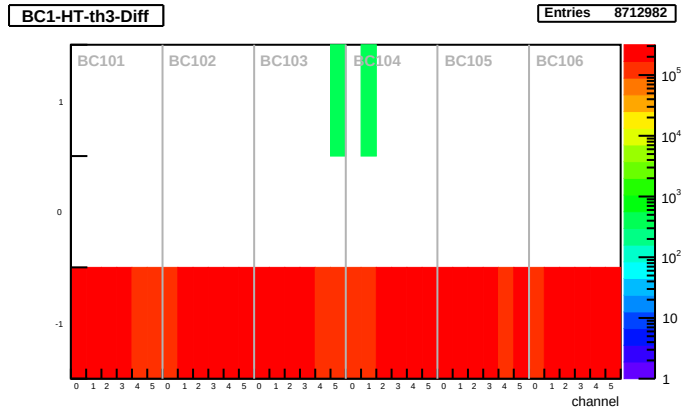

BC1-HT-th1
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

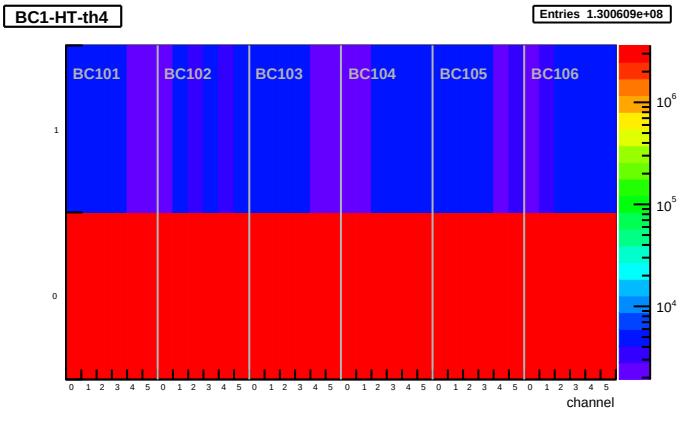

BC1-HT-th1-Diff
Entries 340331
BC101
BC102
BC103
BC104
BC105
BC106
channel

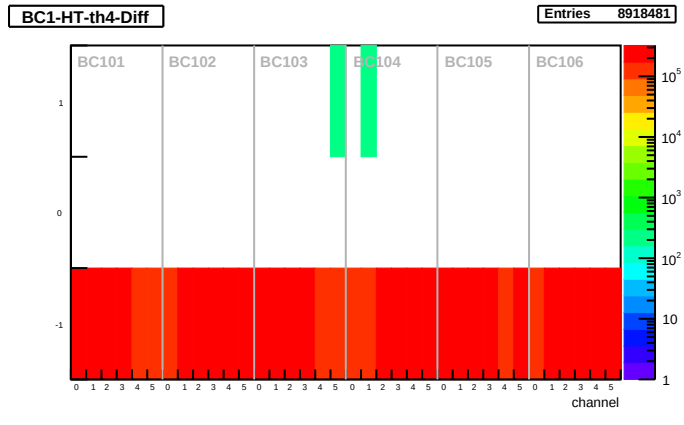

BC1-HT-th2
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

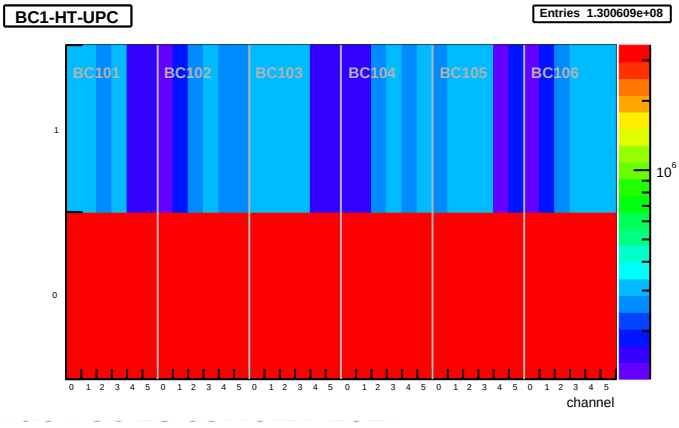

BC1-HT-th2-Diff
Entries 904155
BC101
BC102
BC103
BC104
BC105
BC106
channel

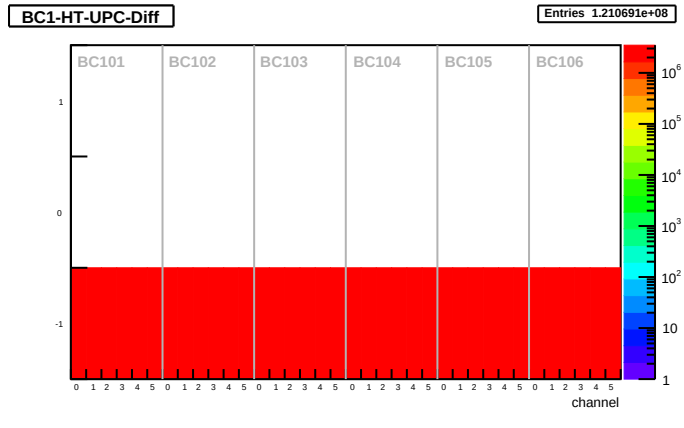

BC1-HT-th3
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

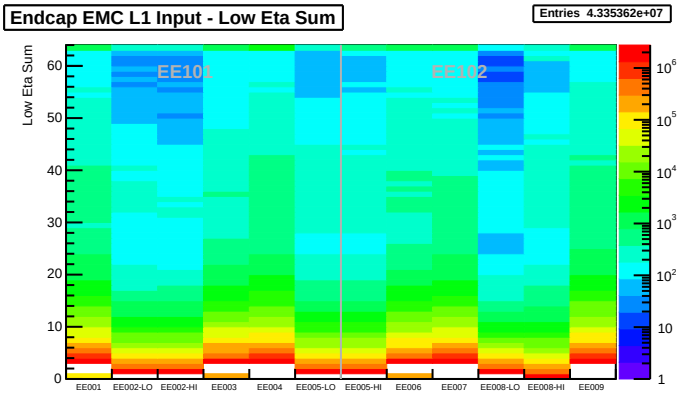

BC1-HT-th3-Diff
Entries 8712982
BC101
BC102
BC103
BC104
BC105
BC106
channel

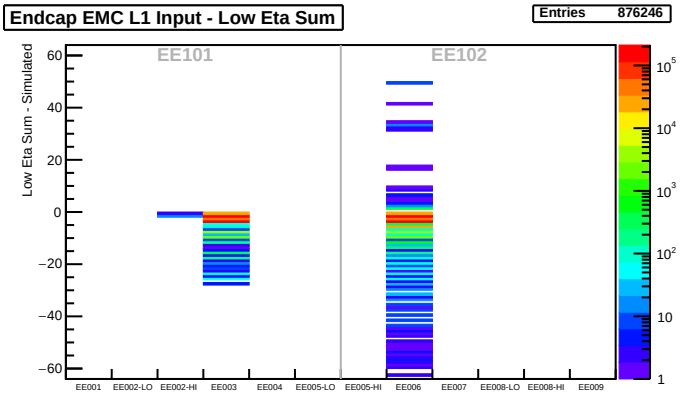

BC1-HT-th4
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

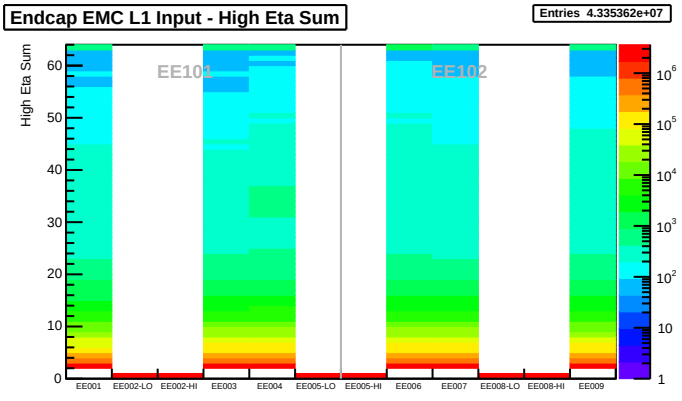

BC1-HT-th4-Diff
Entries 8918481
BC101
BC102
BC103
BC104
BC105
BC106
channel

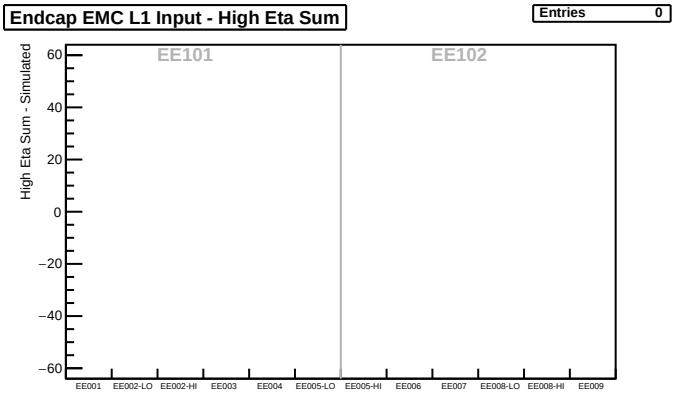

BC1-HT-UPC
Entries 1.300609e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

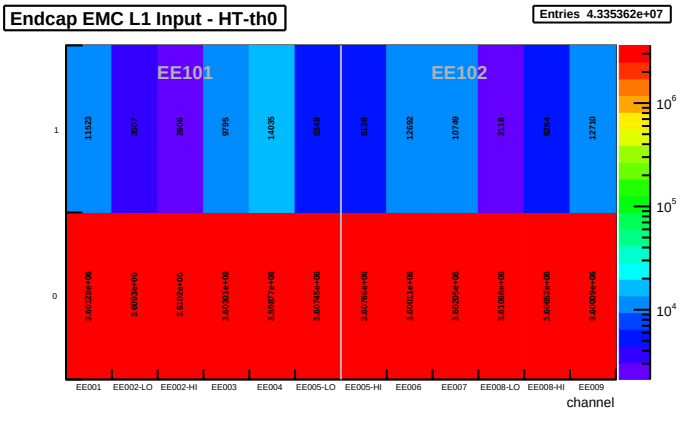

BC1-HT-UPC-Diff
Entries 1.210691e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

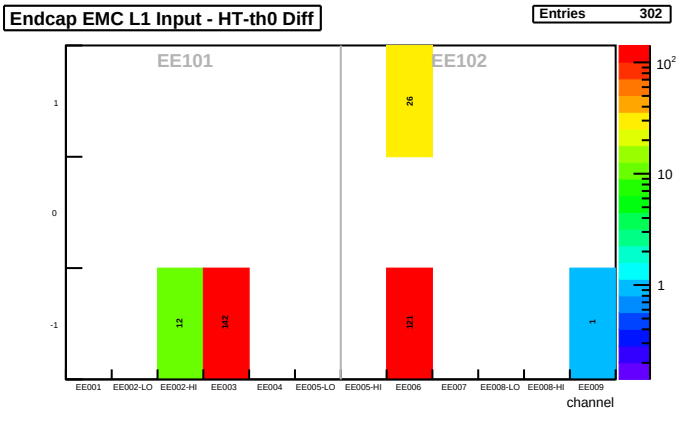

Endcap EMC L1 Input - Low Eta Sum
Entries 4.335362e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

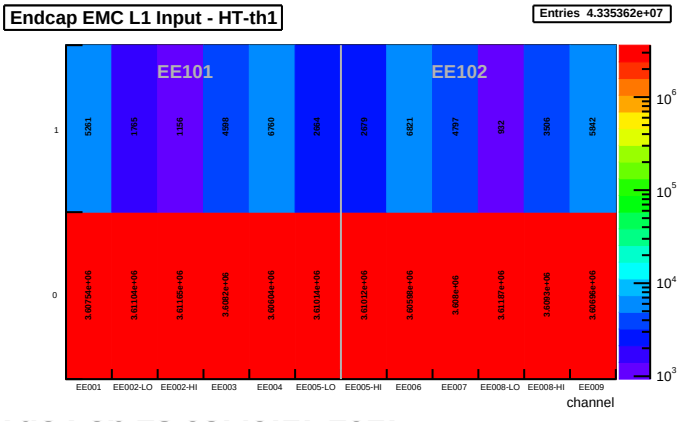

Endcap EMC L1 Input - Low Eta Sum
Entries 876246
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

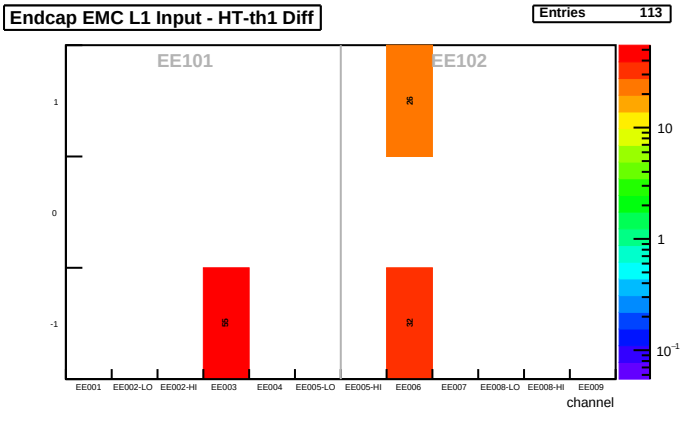

Endcap EMC L1 Input - High Eta Sum
Entries 4.335362e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

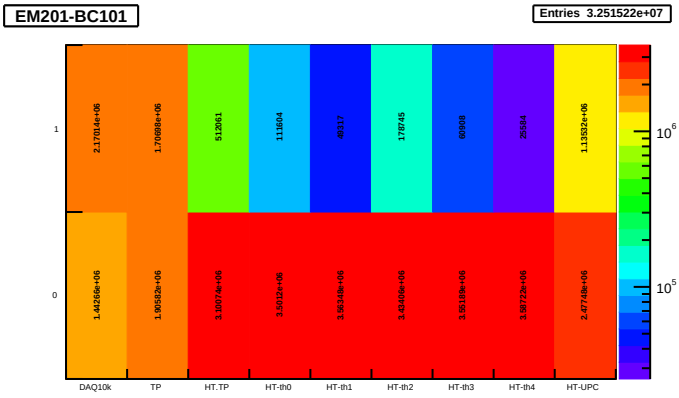

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

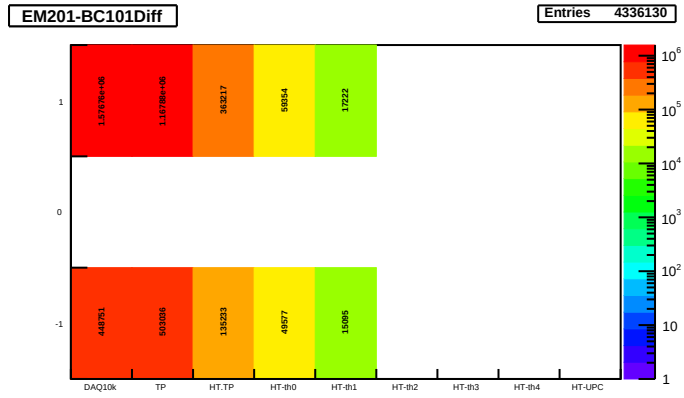

Endcap EMC L1 Input - HT-th0
Entries 4.335362e+07
EE101
EE102
11523 3507 2606 9795 14035 5349 5138 12632 10749 2118 6834 12710
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

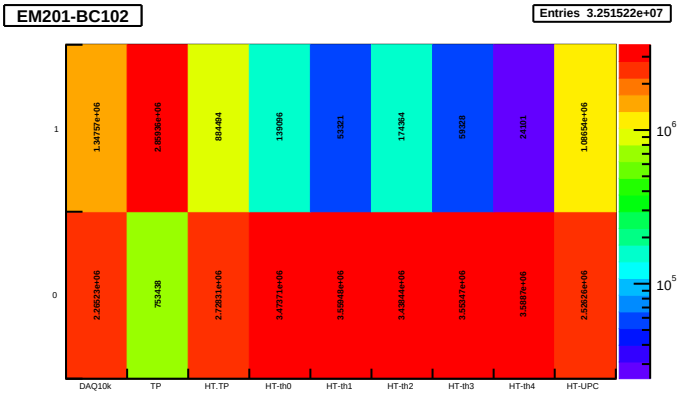

Endcap EMC L1 Input - HT-th0 Diff
Entries 302
EE101
EE102
26
12 142 121 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

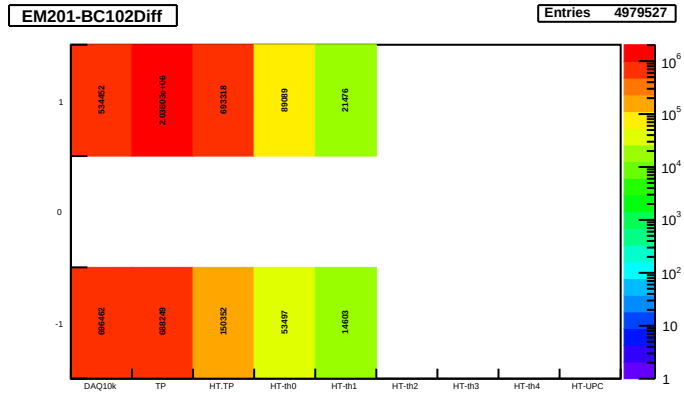

Endcap EMC L1 Input - HT-th1
Entries 4.335362e+07
EE101
EE102
5261 1765 1156 4898 6760 2664 2579 6821 4797 932 3506 5942
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

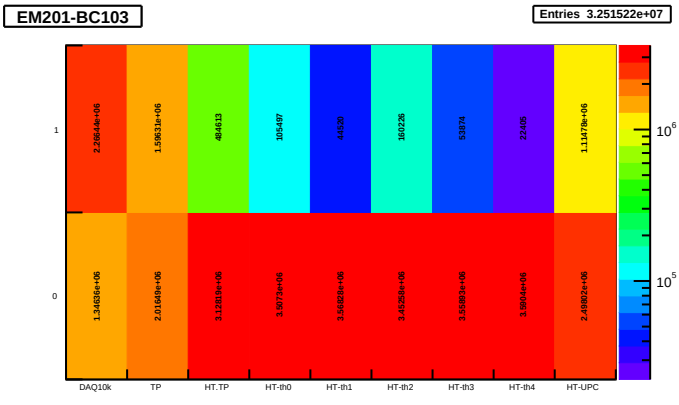

Endcap EMC L1 Input - HT-th1 Diff
Entries 113
EE101
EE102
26
55 32
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

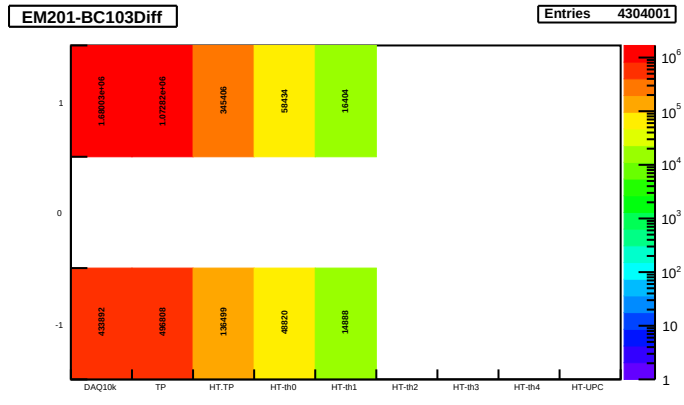

EM201-BC101
Entries 3.251522e+07
2.170114e+06
1.70698e+06
512061
111604
49317
178745
60908
25534
1.113932e+06
1.44268e+06
1.90582e+06
3.10074e+06
3.50126e+06
3.56348e+06
3.42409e+06
3.55189e+06
3.58722e+06
2.47748e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
$10^6$
$10^5$

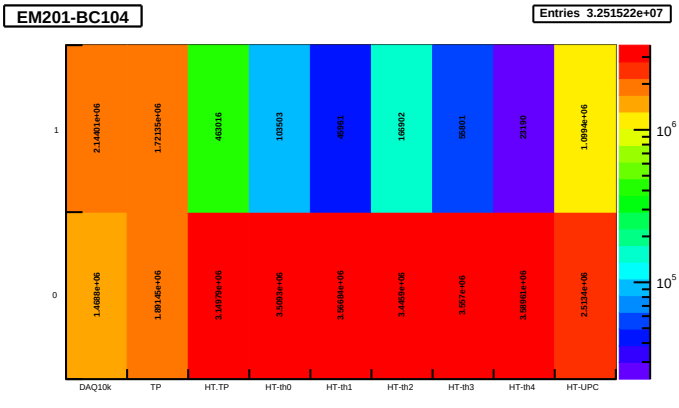

EM201-BC101Diff
Entries 4336130
1.57676e+06
1.16788e+06
363217
59954
17222
448751
503036
135233
49577
15995
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
-1
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

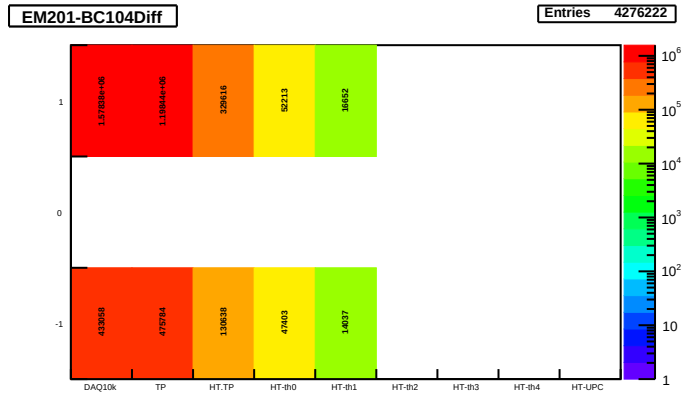

EM201-BC102
Entries 3.251522e+07
1.34757e+06
2.85936e+06
884404
139096
53321
174364
59328
24101
1.08654e+06
2.26523e+06
753438
2.72831e+06
3.47271e+06
3.59949e+06
3.43944e+06
3.55347e+06
3.58876e+06
2.53826e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
$10^6$
$10^5$


EM201-BC102Diff
Entries 4979527
534452
2.03903e+06
692318
89089
21476
696462
688249
150352
53497
14603
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
-1
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

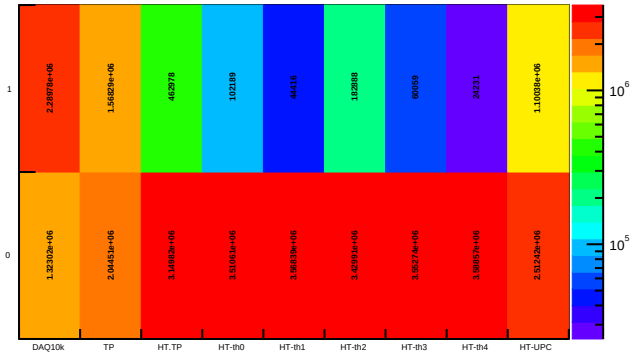

EM201-BC103
Entries 3.251522e+07
2.265446e+06
1.59631e+06
484613
105497
44520
160226
53374
22405
1.114778e+06
1.34638e+06
2.01649e+06
3.12319e+06
3.5073e+06
3.56828e+06
3.45258e+06
3.55853e+06
3.5904e+06
2.49802e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
$10^6$
$10^5$


EM201-BC103Diff
Entries 4304001
1.66003e+06
1.07282e+06
345408
58434
16404
433892
498808
136499
48820
14888
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
-1
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

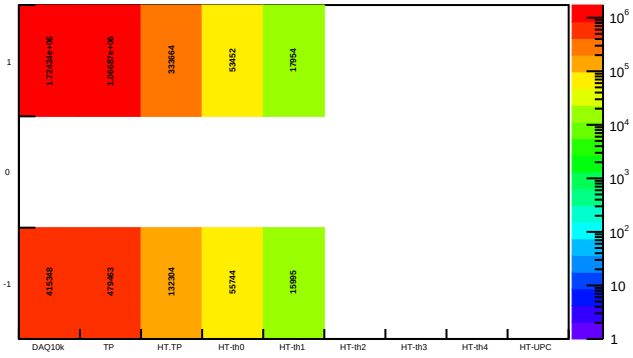

EM201-BC104
Entries 3.251522e+07
2.14401e+06
1.72135e+06
463016
105503
45961
166902
55801
22150
1.0094e+06
1.4688e+06
1.89145e+06
3.14079e+06
3.5093e+06
3.56684e+06
3.4459e+06
3.5574e+06
3.58581e+06
2.5134e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
$10^6$
$10^5$


EM201-BC104Diff
Entries 4276222
1.57838e+06
1.19844e+06
329616
52213
16652
433058
475784
130638
47403
14037
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
1
0
-1
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

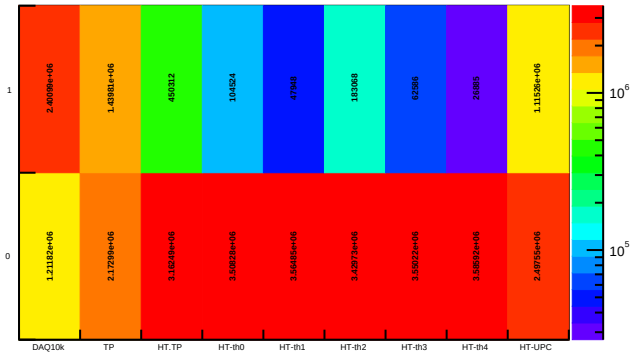
**EM201-BC105** Entries 3.251522e+07



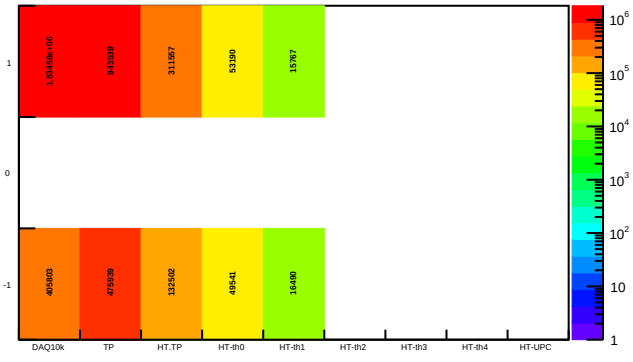

**EM201-BC105Diff** Entries 4295041



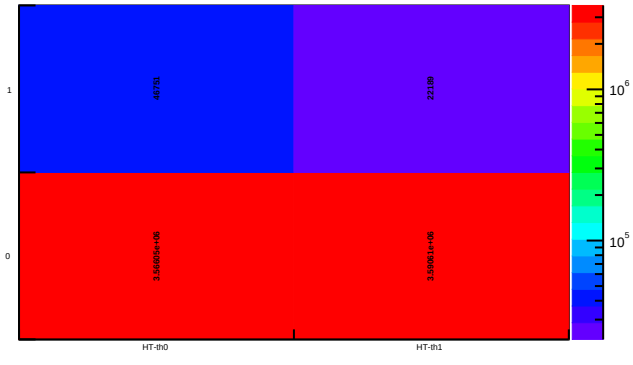

**EM201-BC106** Entries 3.251522e+07



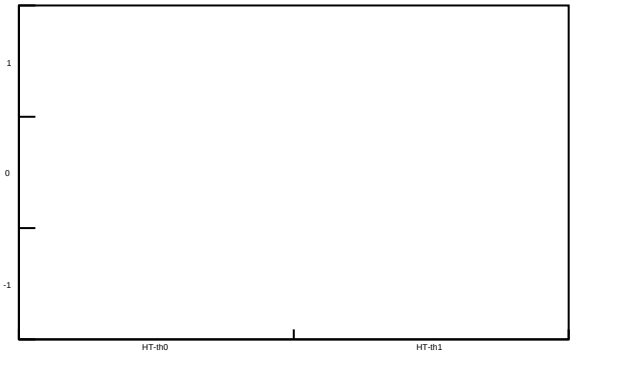

**EM201-BC106Diff** Entries 4238909



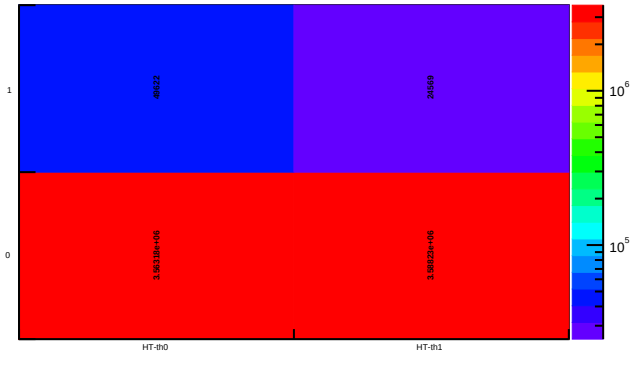

**EM201-EE101** Entries 7225604



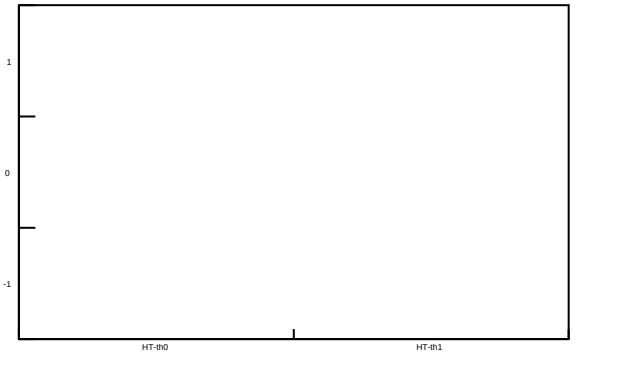

**EM201-EE101Diff** Entries 0

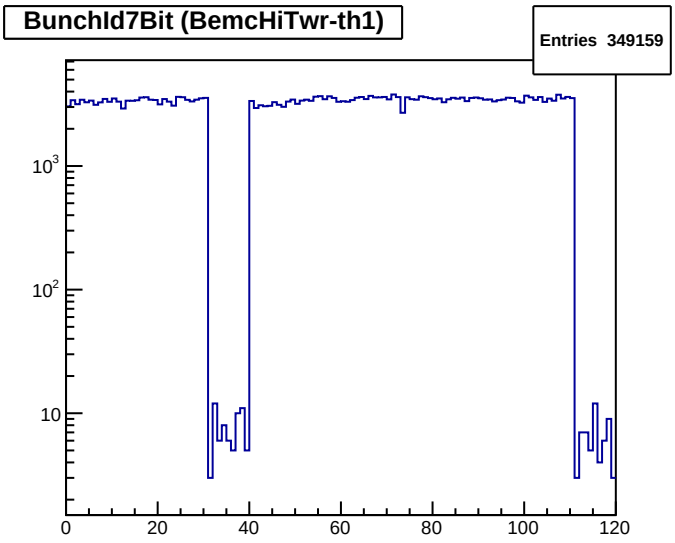


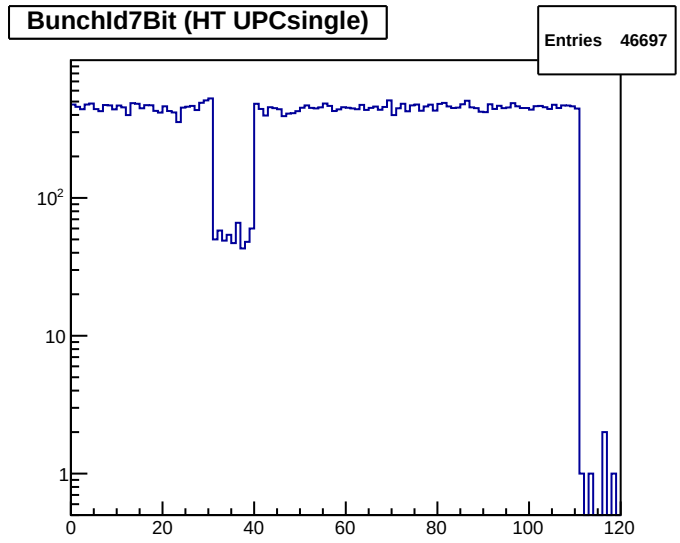

**EM201-EE102** Entries 7225604

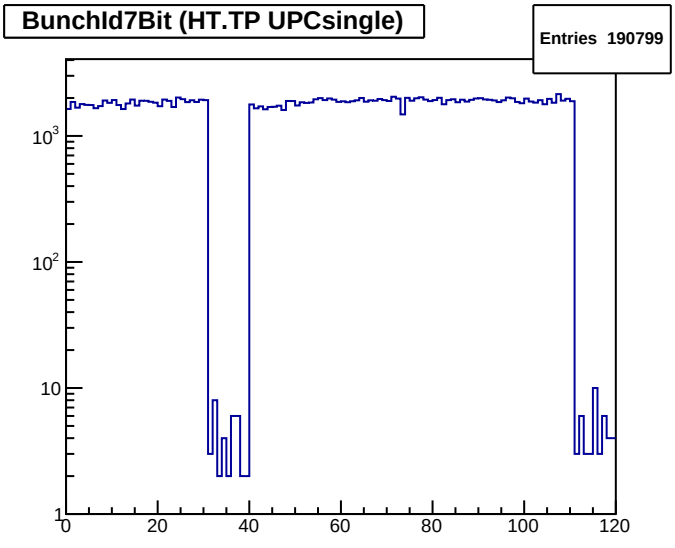


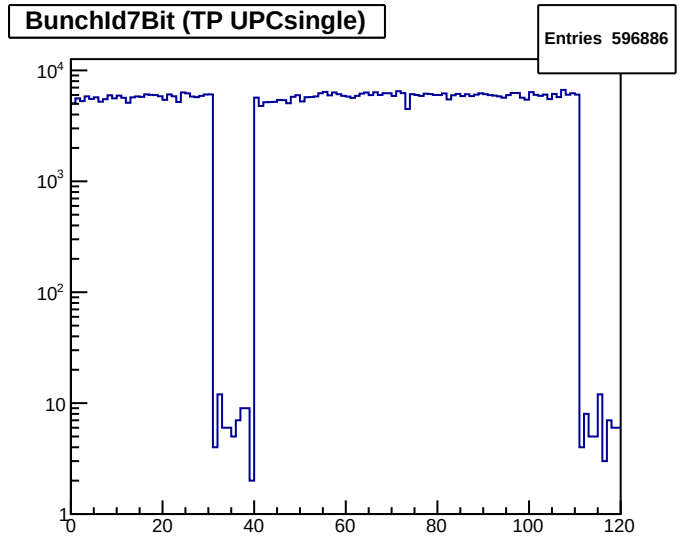

**EM201-EE102Diff** Entries 0

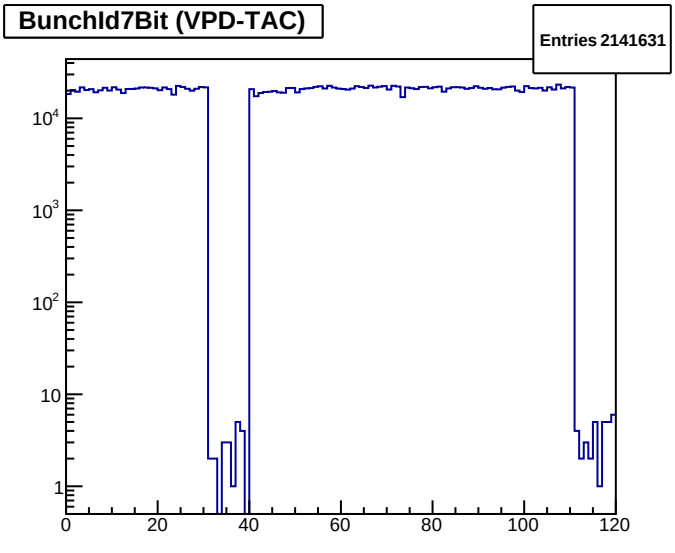


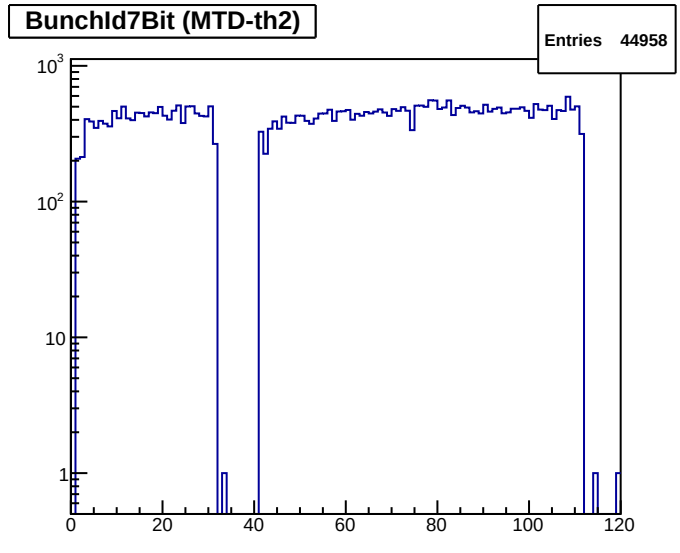

BunchId7Bit (BemcHiTwr-th1)
Entries 349159
$10^3$
$10^2$
10
0
20
40
60
80
100
120

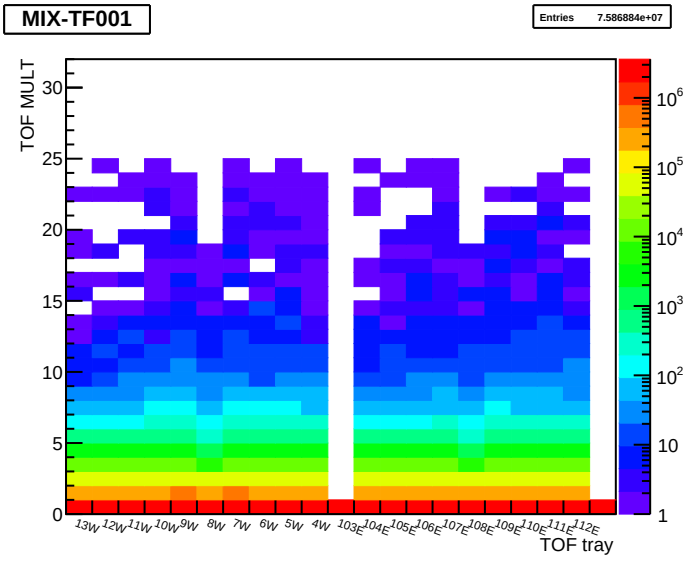

BunchId7Bit (HT UPCsingle)
Entries 46697
$10^2$
10
1
0
20
40
60
80
100
120

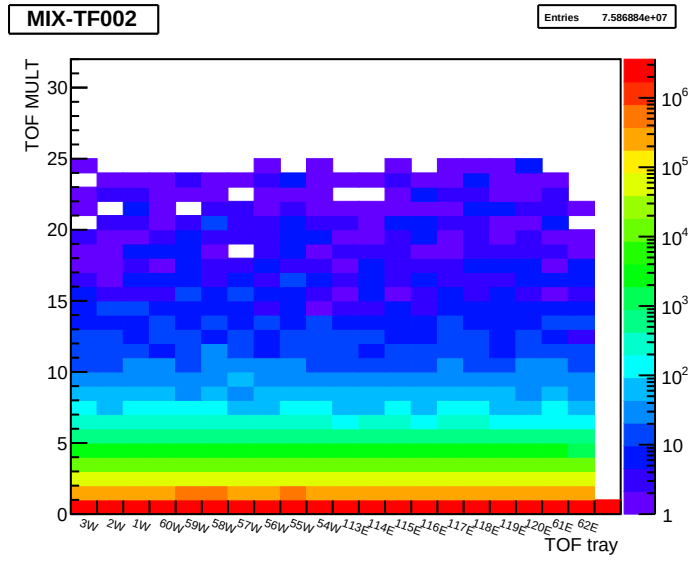

BunchId7Bit (HT.TP UPCsingle)
Entries 190799
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

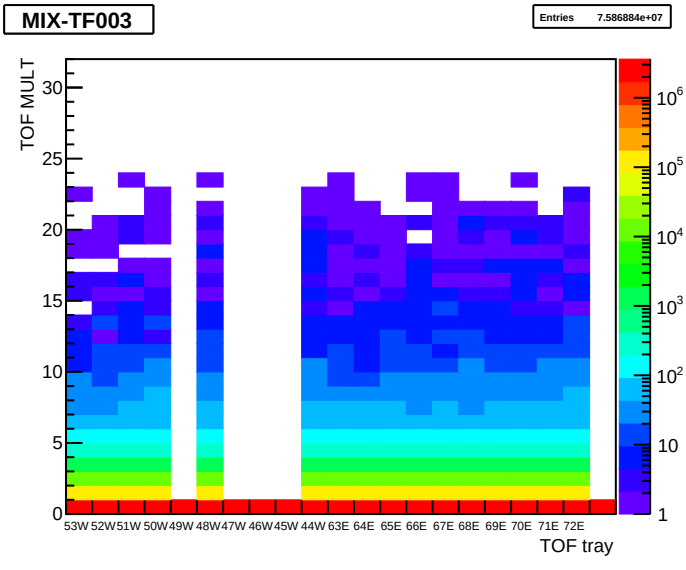

BunchId7Bit (TP UPCsingle)
Entries 596886
$10^4$
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

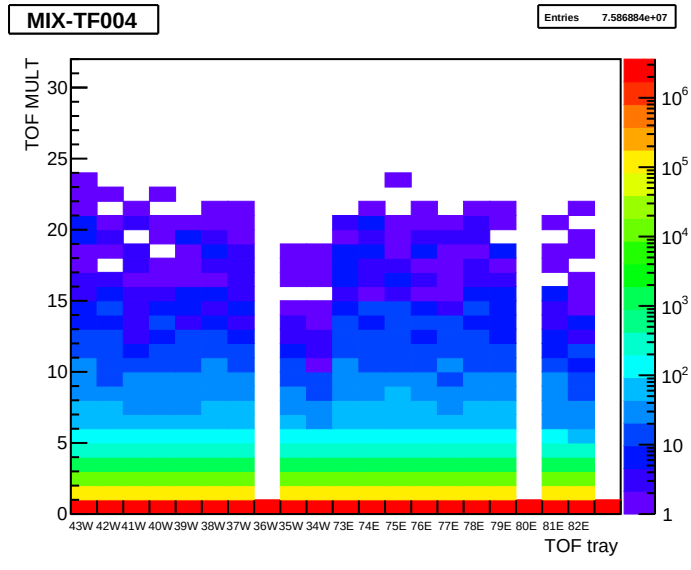

BunchId7Bit (VPD-TAC)
Entries 2141631
$10^4$
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

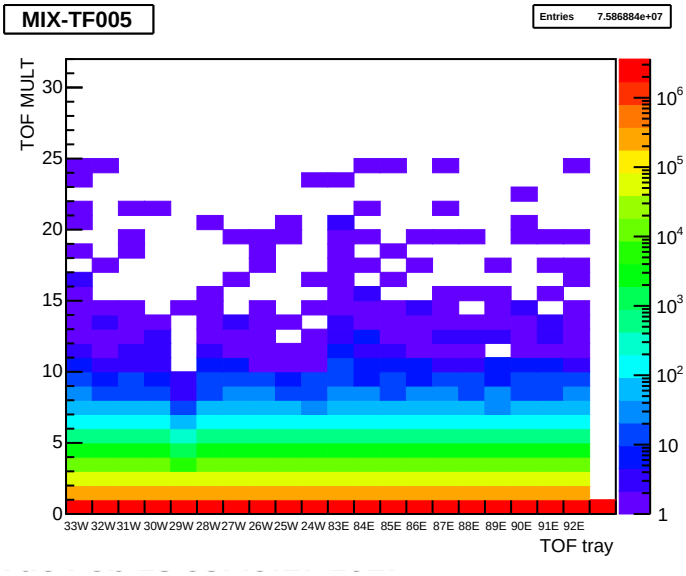

BunchId7Bit (MTD-th2)
Entries 44958
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

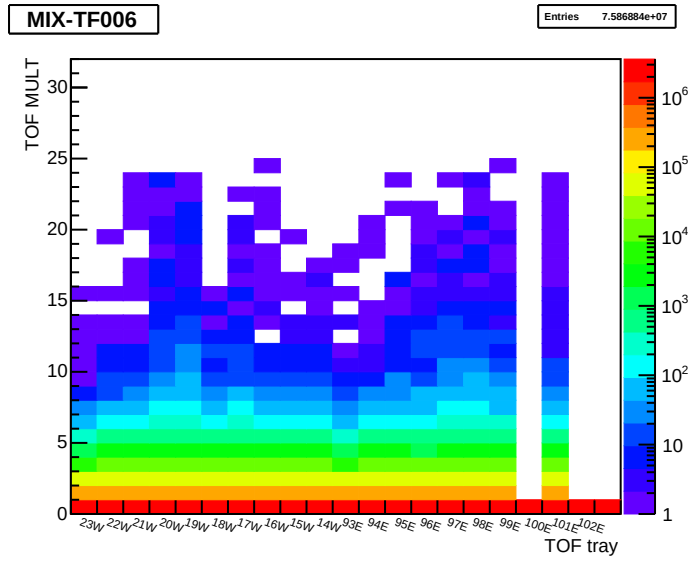

MIX-TF001
Entries 7.586884e+07
TOF MULT
TOF tray

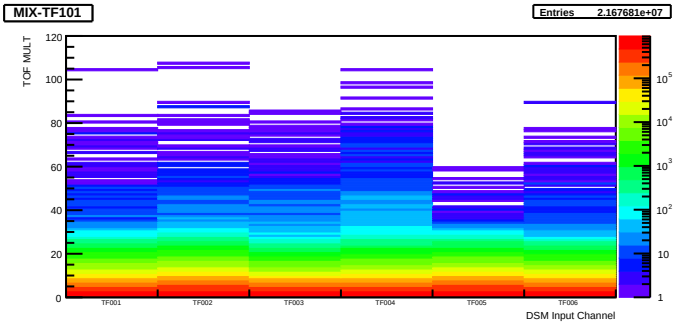

MIX-TF002
Entries 7.586884e+07
TOF MULT
TOF tray

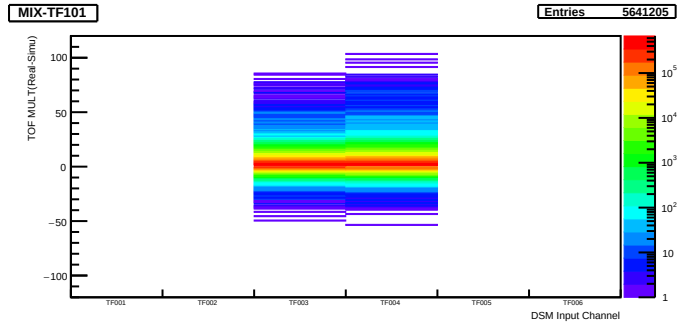

MIX-TF003
Entries 7.586884e+07
TOF MULT
TOF tray

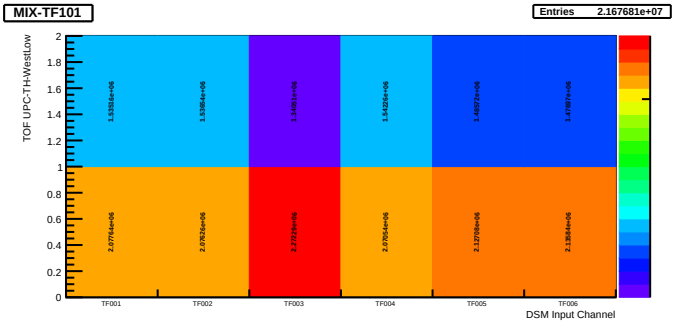

MIX-TF004
Entries 7.586884e+07
TOF MULT
TOF tray

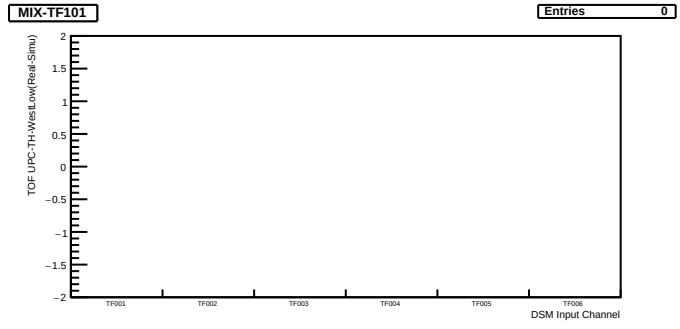

MIX-TF005
Entries 7.586884e+07
TOF MULT
TOF tray

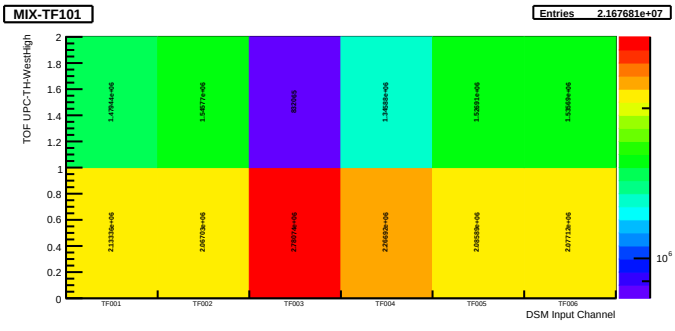

MIX-TF006
Entries 7.586884e+07
TOF MULT
TOF tray

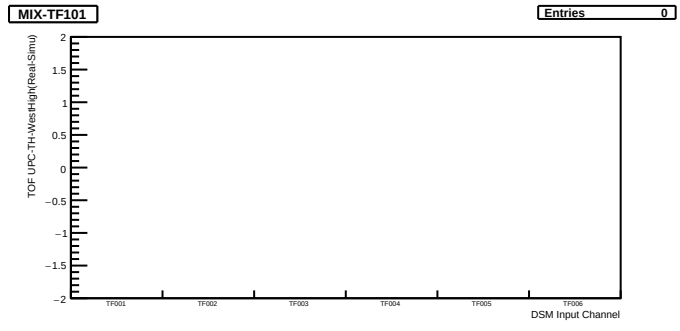

MIX-TF101
Entries 2.167681e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

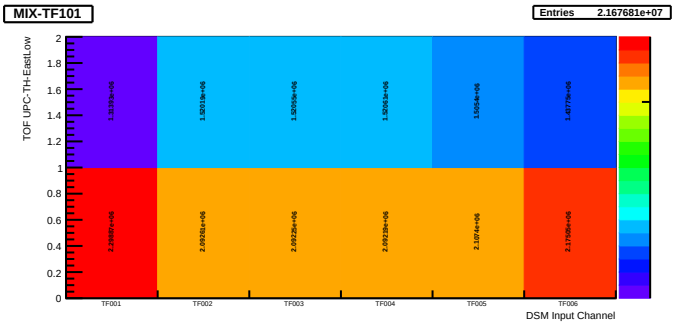

MIX-TF101
Entries 5641205
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

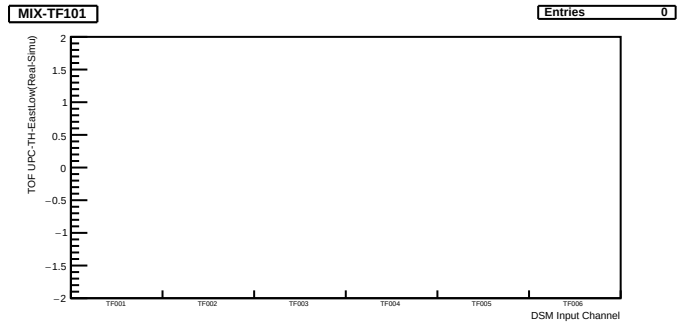

MIX-TF101
Entries 2.167681e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

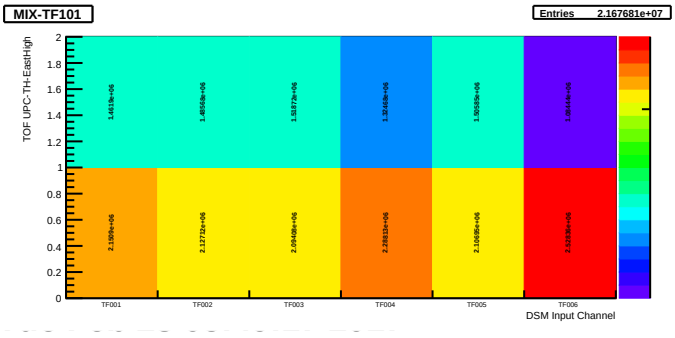

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

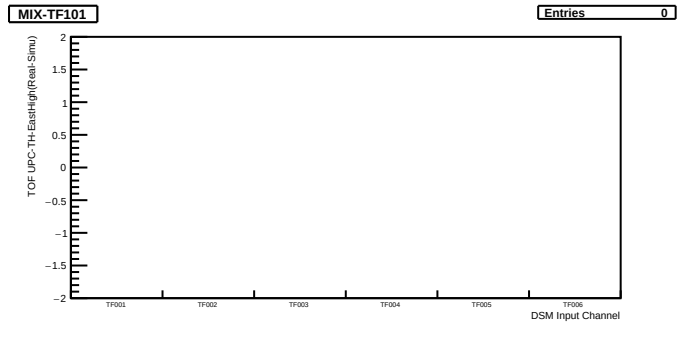

MIX-TF101
Entries 2.167681e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

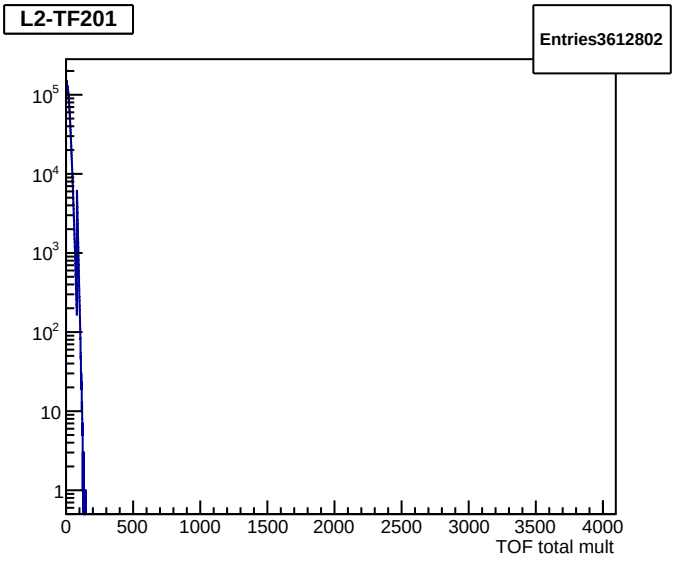

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

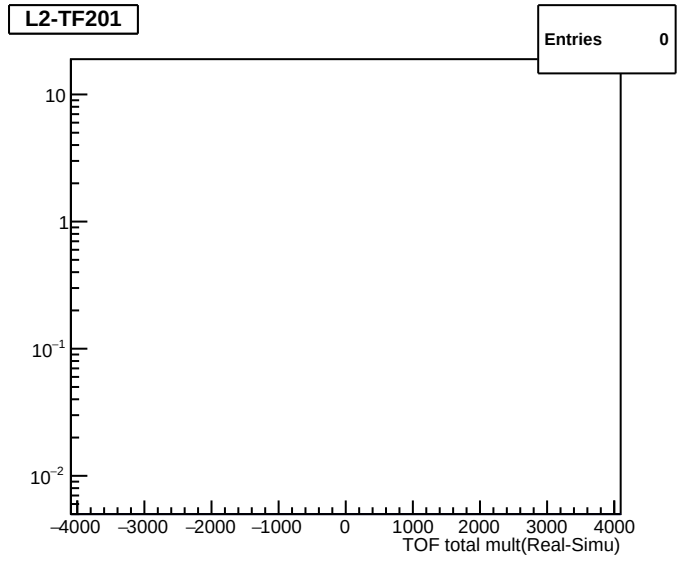

MIX-TF101
Entries 2.167681e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

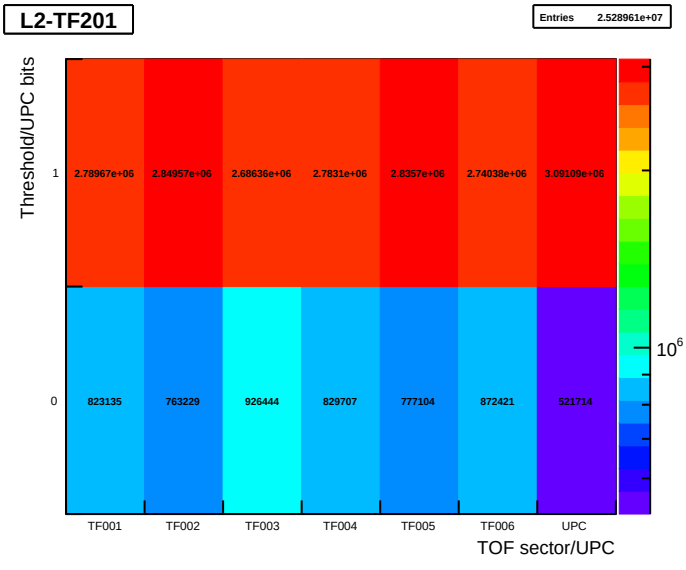

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

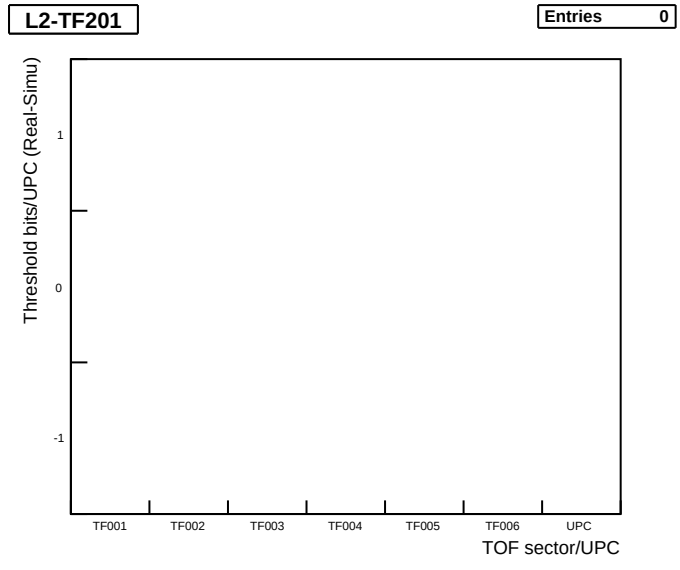

MIX-TF101
Entries 2.167681e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

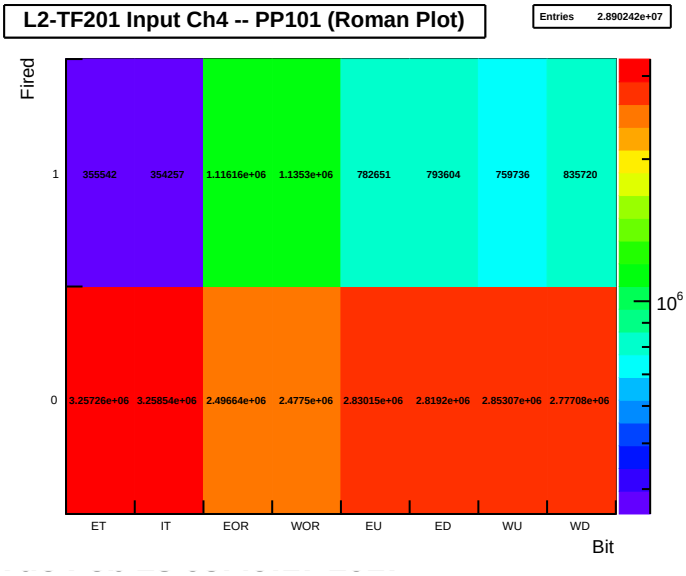

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

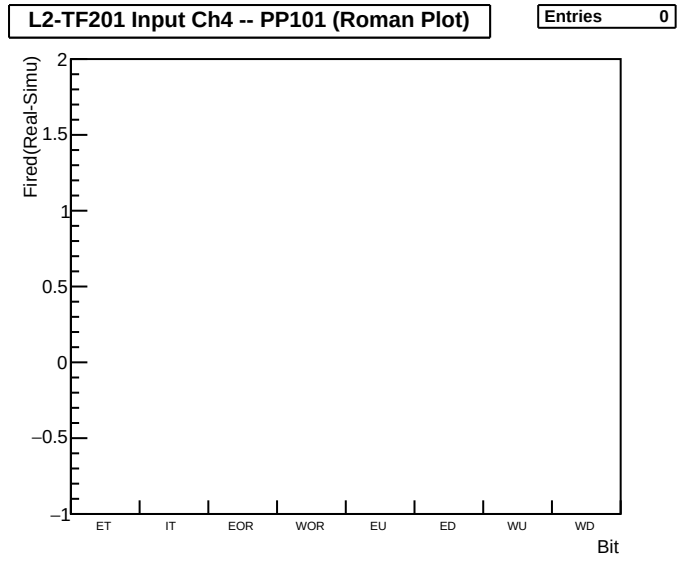

L2-TF201
Entries3612802
TOF total mult

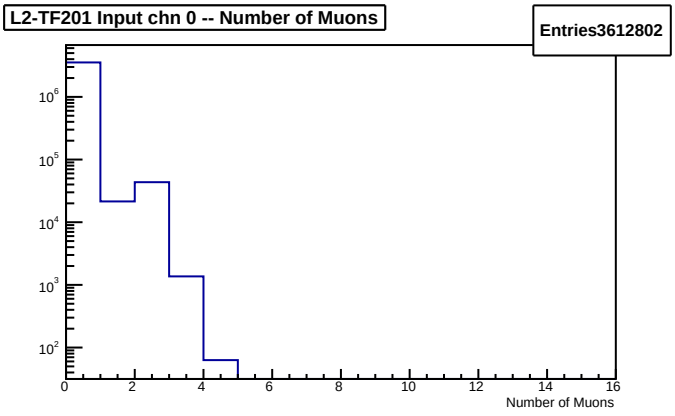

L2-TF201
Entries 0
TOF total mult(Real-Simu)

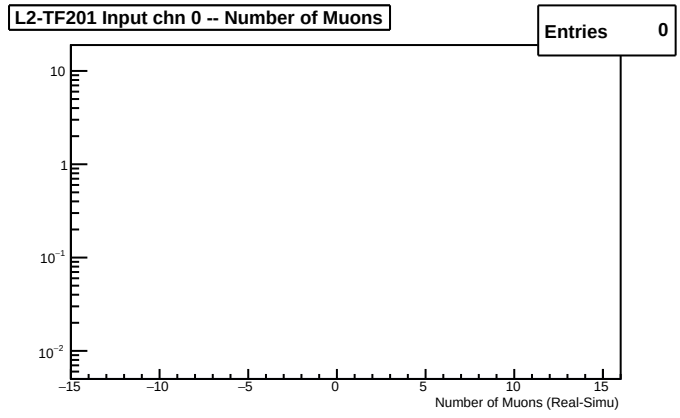

L2-TF201
Entries 2.528961e+07
Threshold/UPC bits
2.78967e+06
2.84957e+06
2.68636e+06
2.7831e+06
2.8357e+06
2.74038e+06
3.09109e+06
823135
763229
926444
829707
777104
872421
521714
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

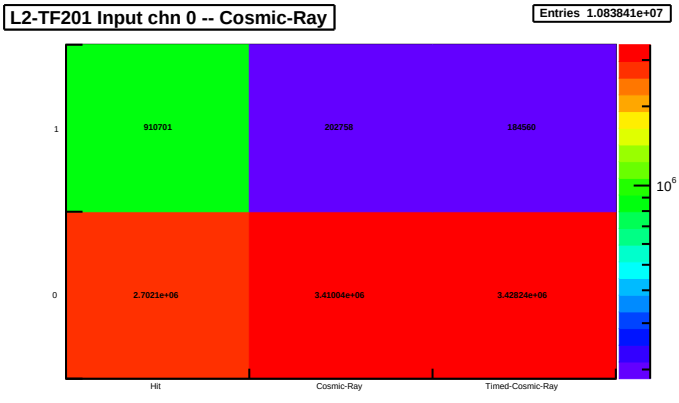

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

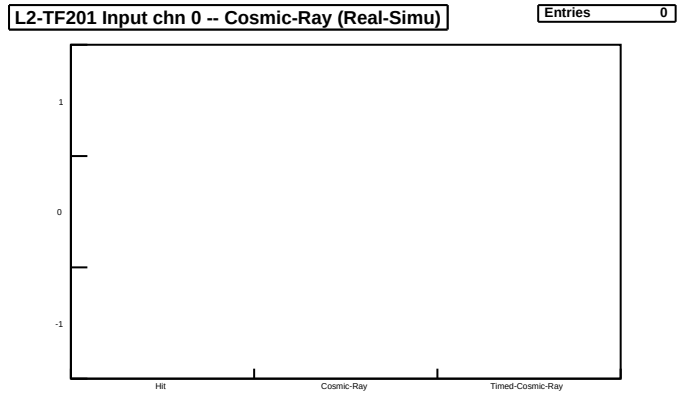

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.890242e+07
Fired
355542
354257
1.11616e+06
1.1353e+06
782651
793604
759736
835720
3.25726e+06
3.25854e+06
2.49664e+06
2.4775e+06
2.83015e+06
2.8192e+06
2.85307e+06
2.77708e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

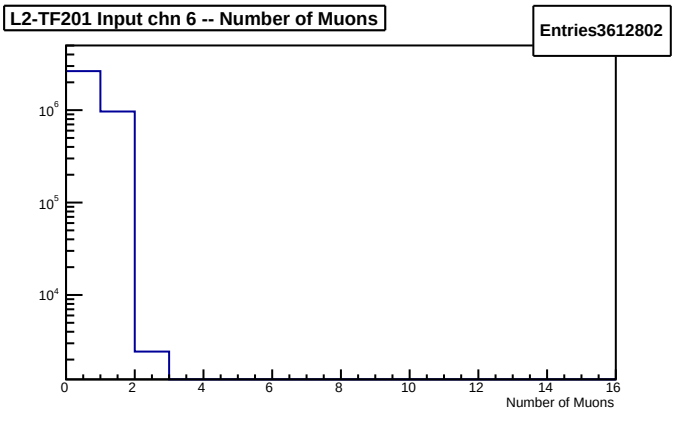

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

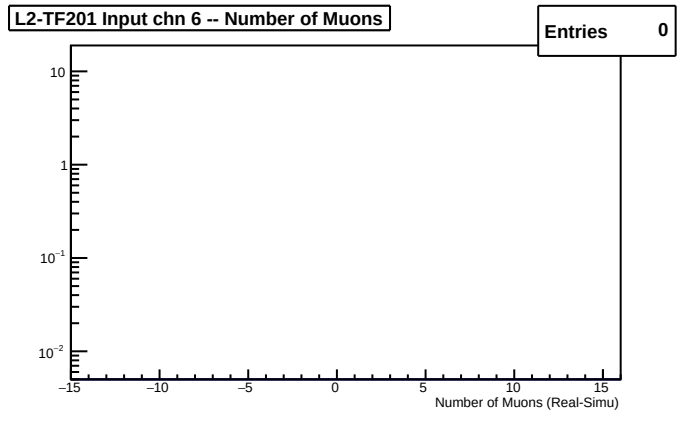

L2-TF201 Input chn 0 -- Number of Muons
Entries3612802
Number of Muons

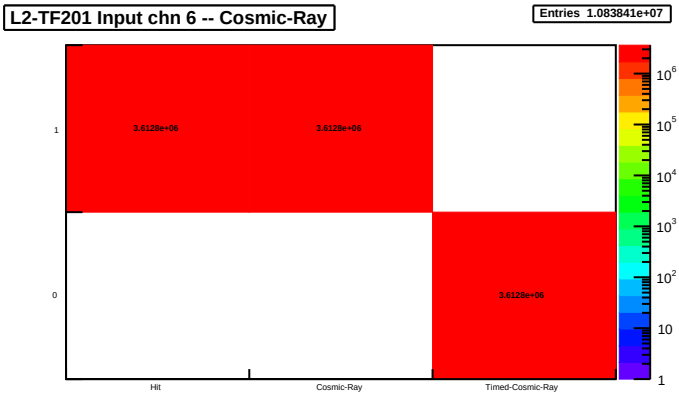

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

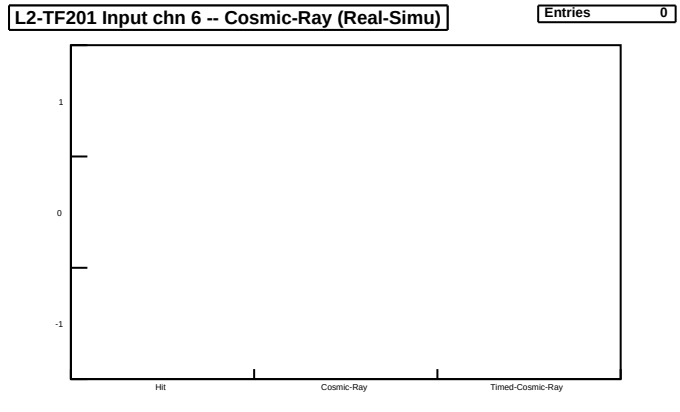

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.083841e+07
910701
202758
184560
2.7021e+06
3.41004e+06
3.42824e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

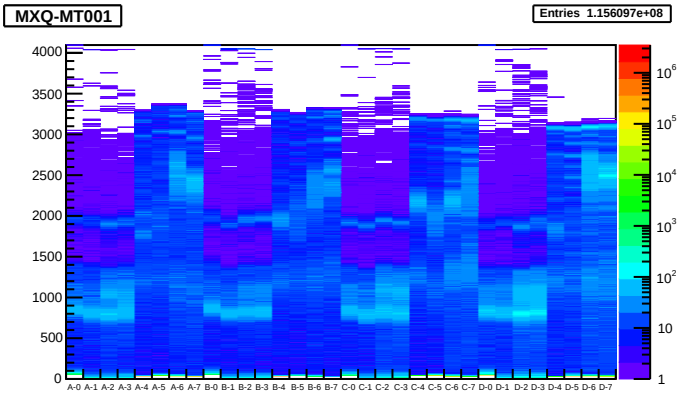

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

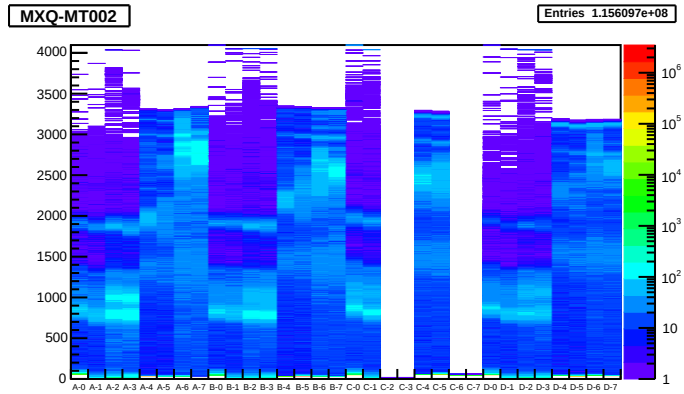

L2-TF201 Input chn 6 -- Number of Muons
Entries3612802
Number of Muons

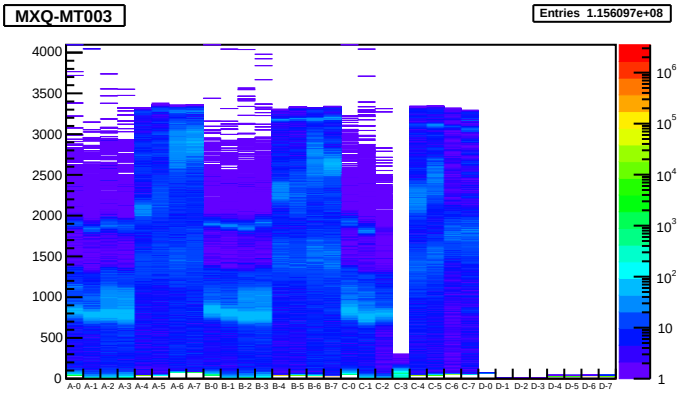

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

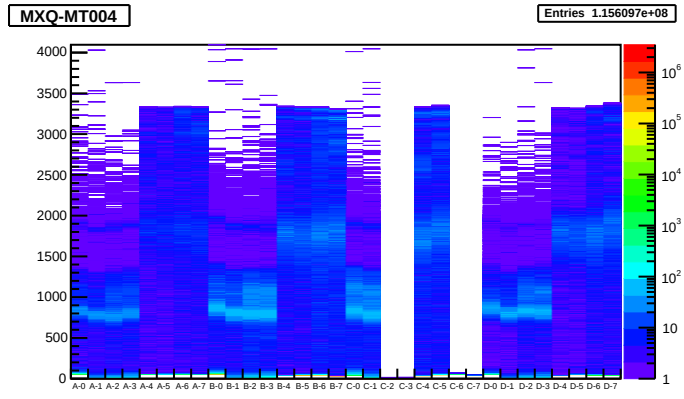

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.083841e+07
3.6128e+06
3.6128e+06
3.6128e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

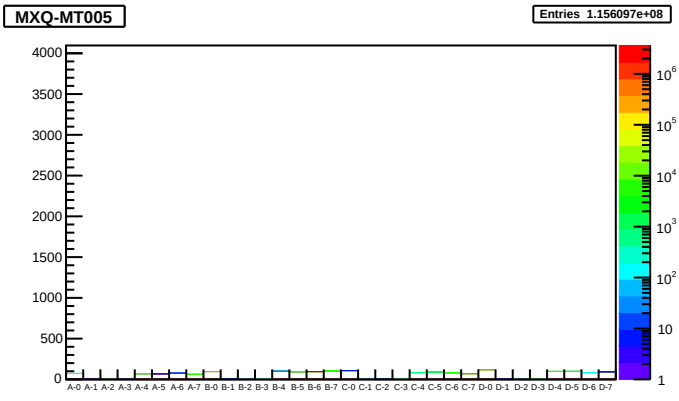

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

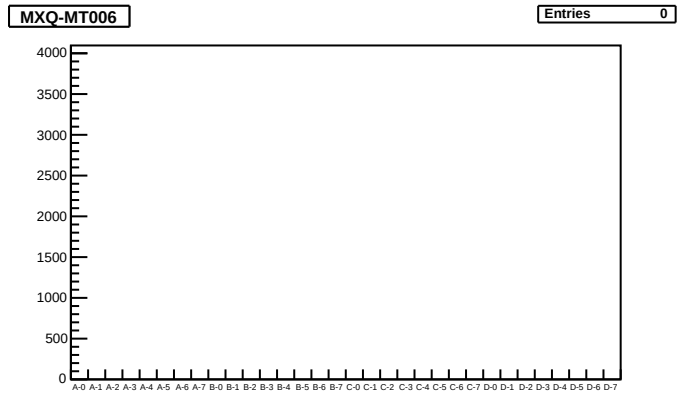

MXQ-MT001
Entries 1.156097e+08

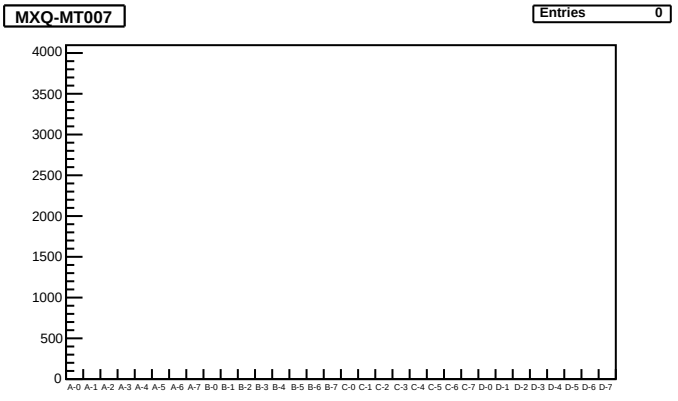

MXQ-MT002
Entries 1.156097e+08

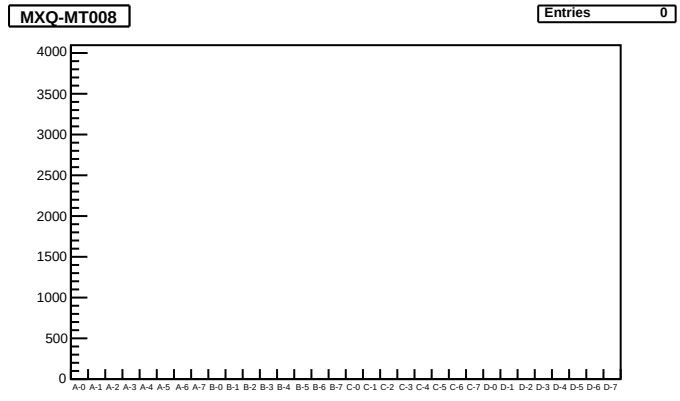

MXQ-MT003
Entries 1.156097e+08

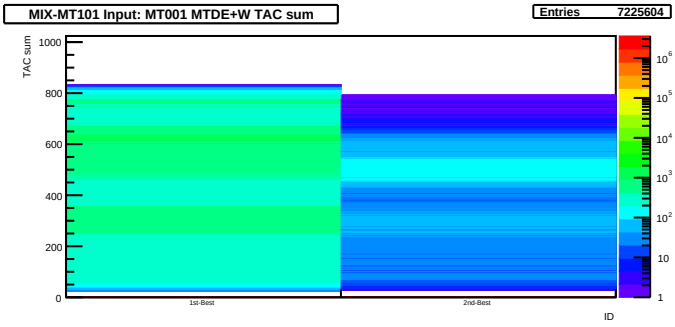

MXQ-MT004
Entries 1.156097e+08

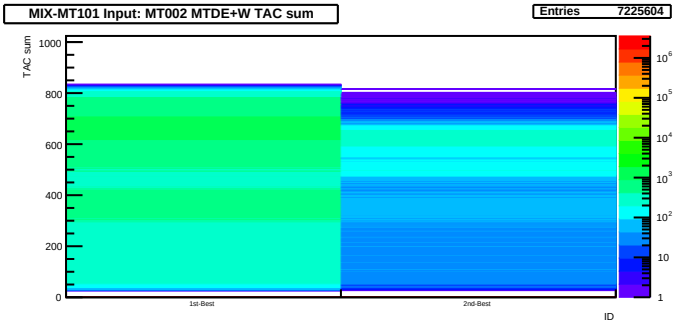

MXQ-MT005
Entries 1.156097e+08

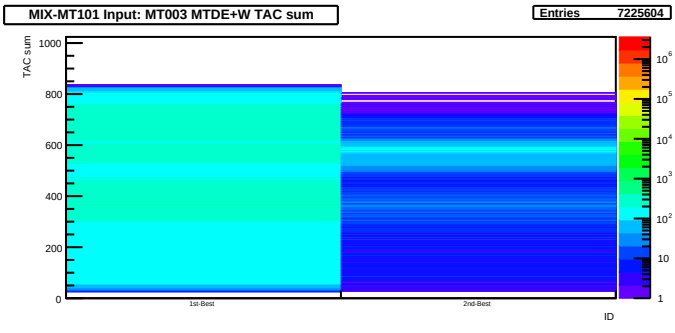

MXQ-MT006
Entries 0

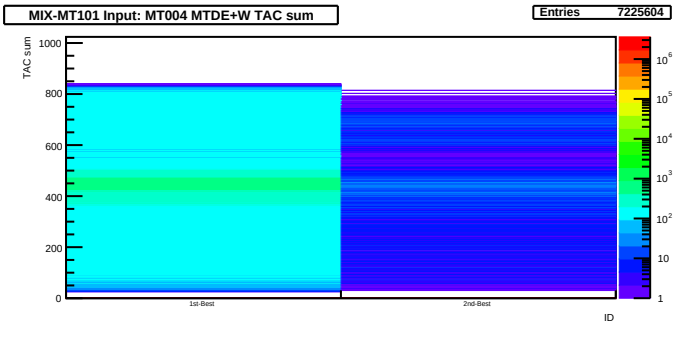

MXQ-MT007
Entries 0

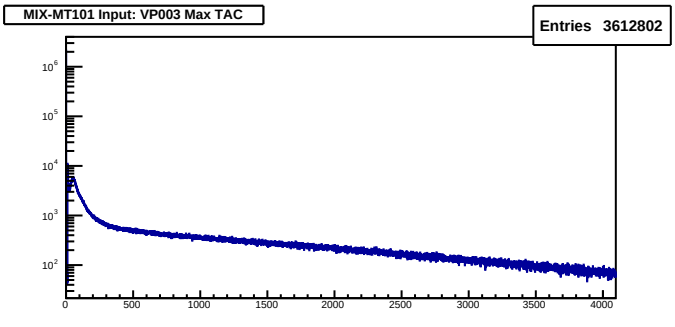

MXQ-MT008
Entries 0

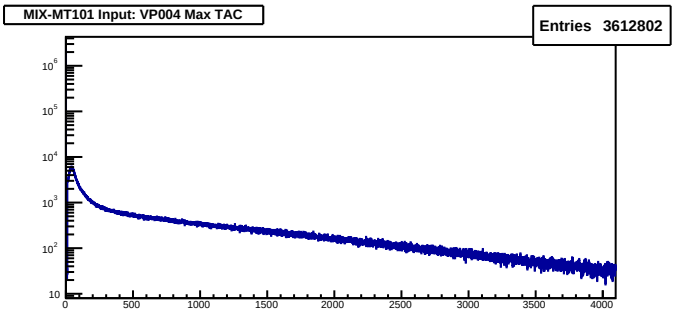

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID

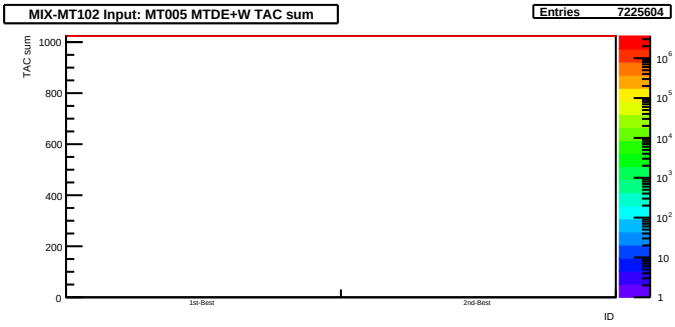

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID

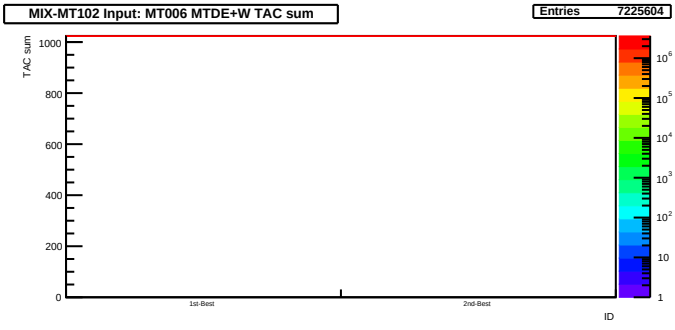

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID

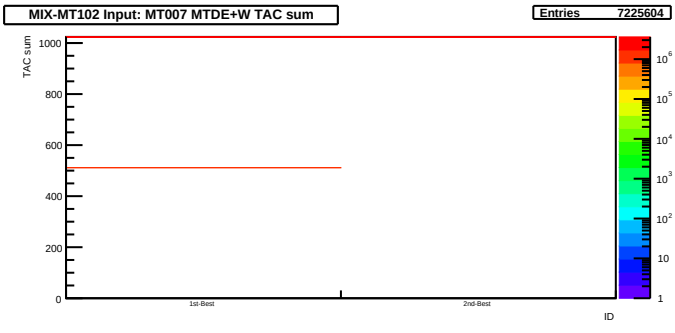

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID

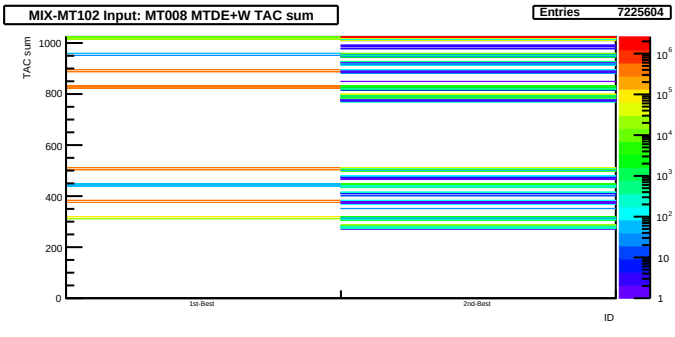

MIX-MT101 Input: VP003 Max TAC
Entries 3612802

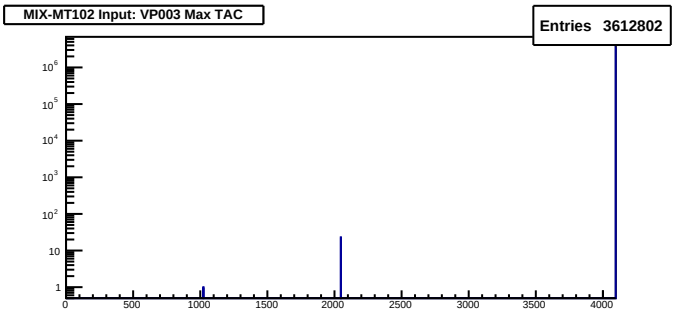

MIX-MT101 Input: VP004 Max TAC
Entries 3612802

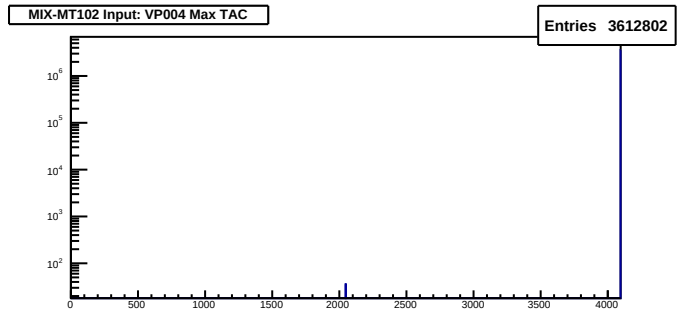

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID

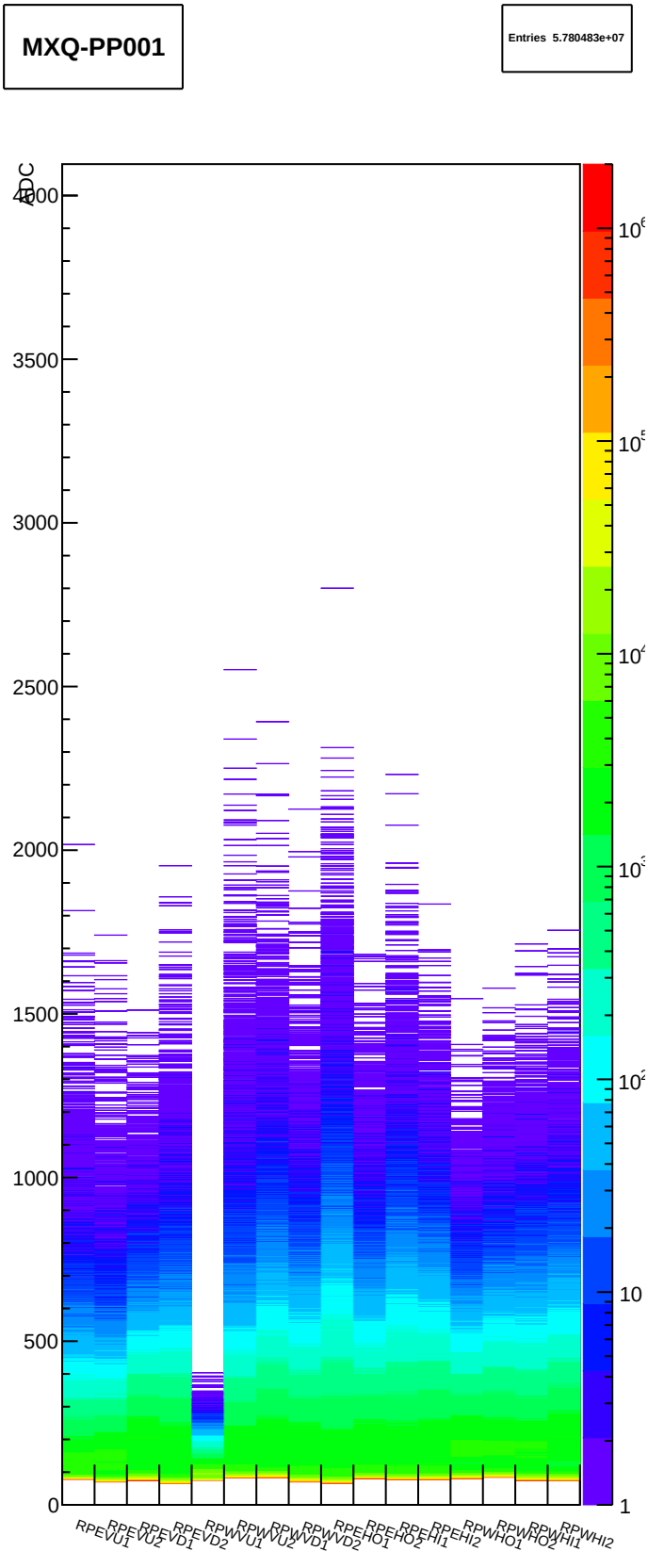

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID

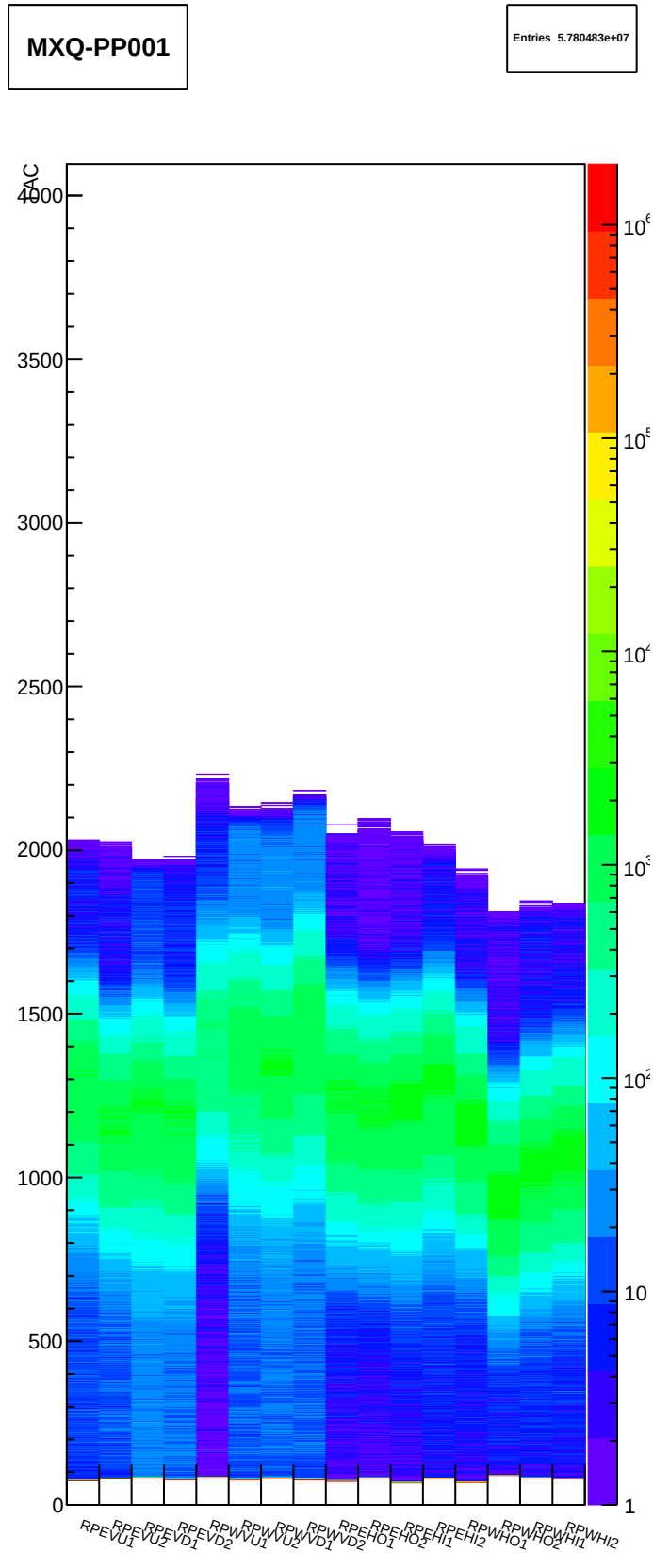

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 7225604
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 3612802


MIX-MT102 Input: VP004 Max TAC
Entries 3612802


MXQ-PP001
Entries 5.780483e+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 5.780483e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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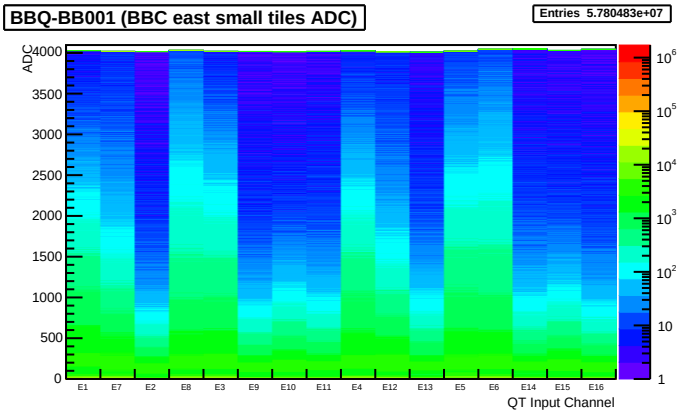
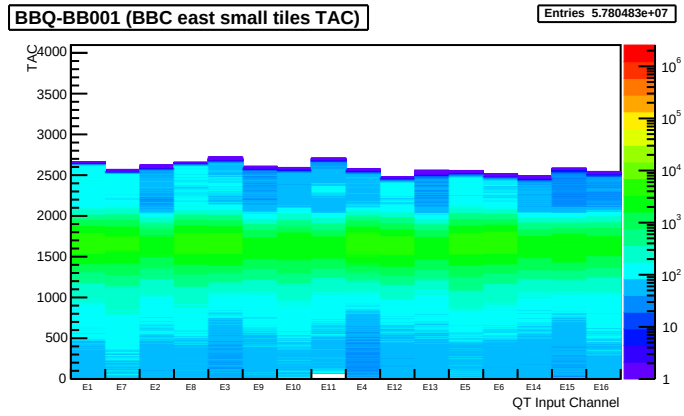
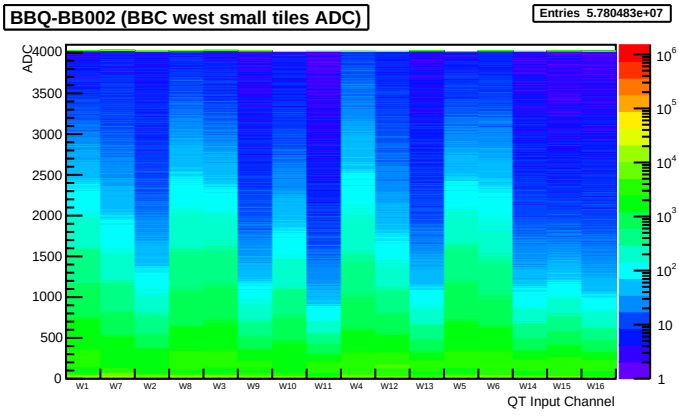
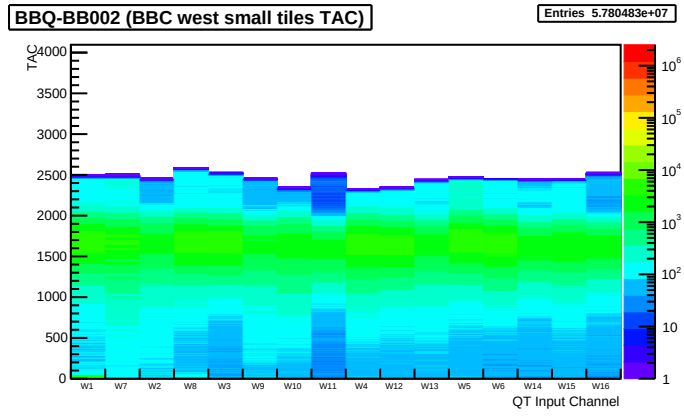
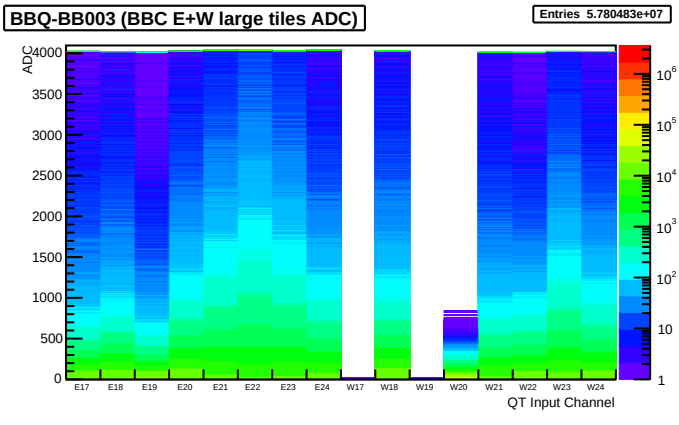
RPWHI1
RPWHI2
1
10

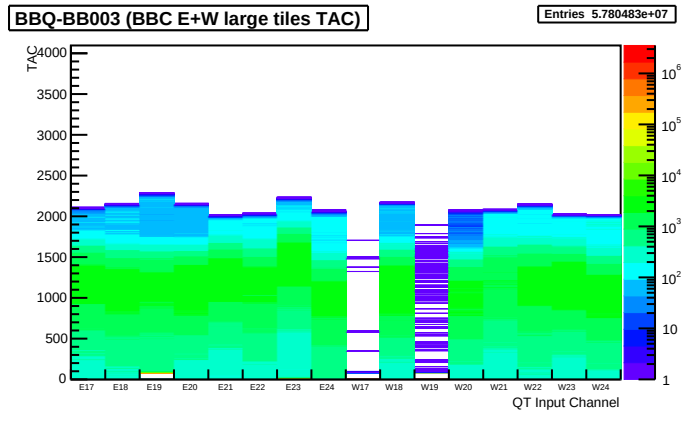

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.780483e+07
ADC
QT Input Channel

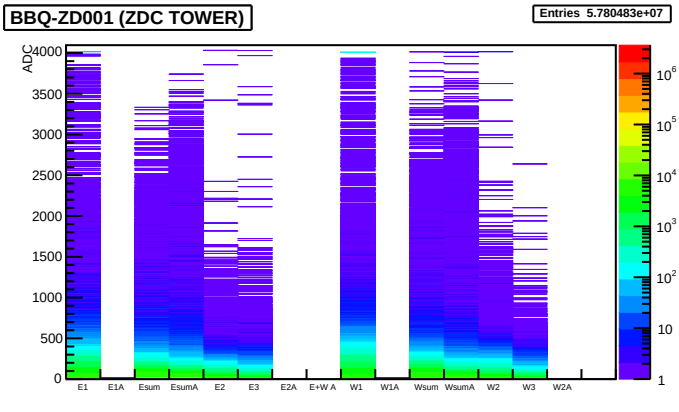

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.780483e+07
TAC
QT Input Channel

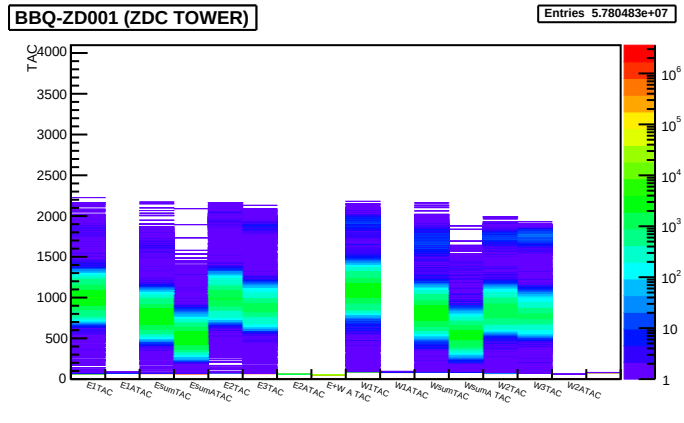

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.780483e+07
ADC
QT Input Channel

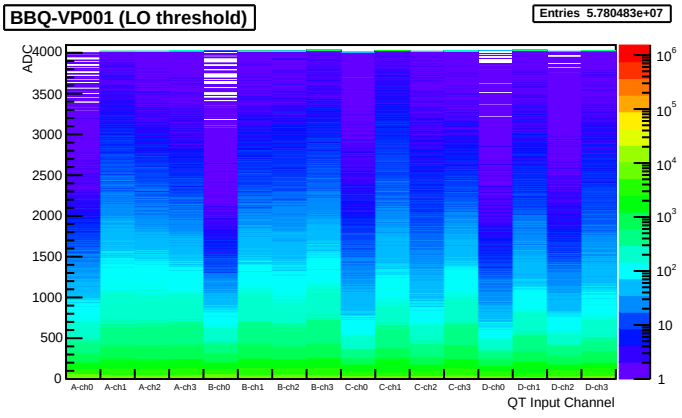

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.780483e+07
TAC
QT Input Channel

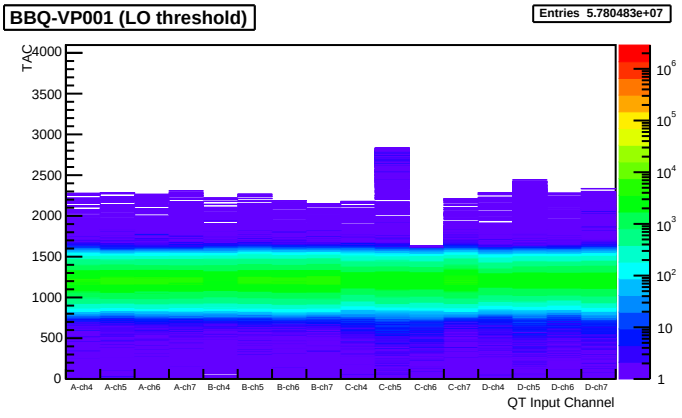

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.780483e+07
ADC
QT Input Channel

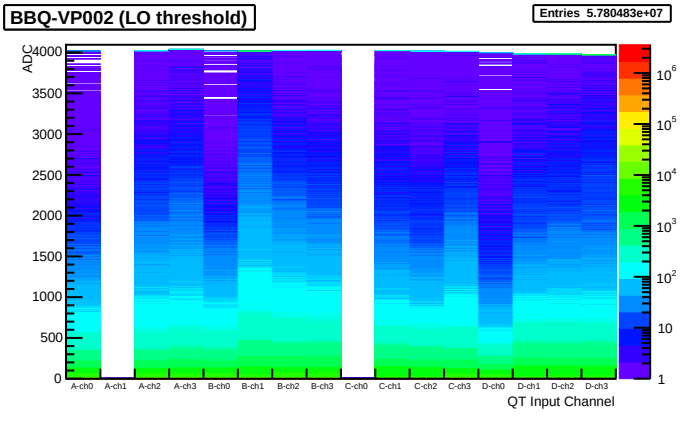

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.780483e+07
TAC
QT Input Channel

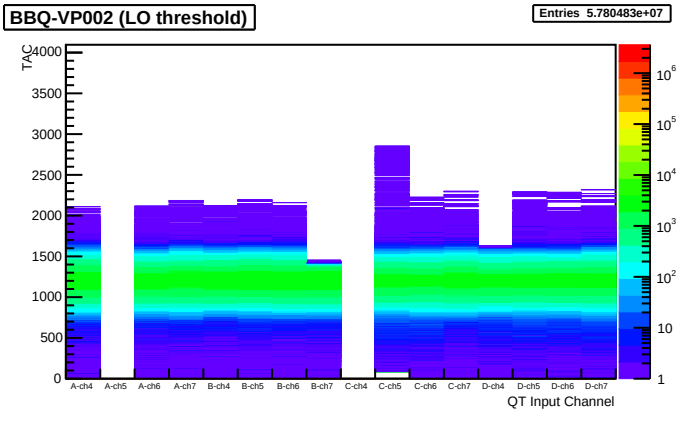

BBQ-ZD001 (ZDC TOWER)
Entries 5.780483e+07
ADC

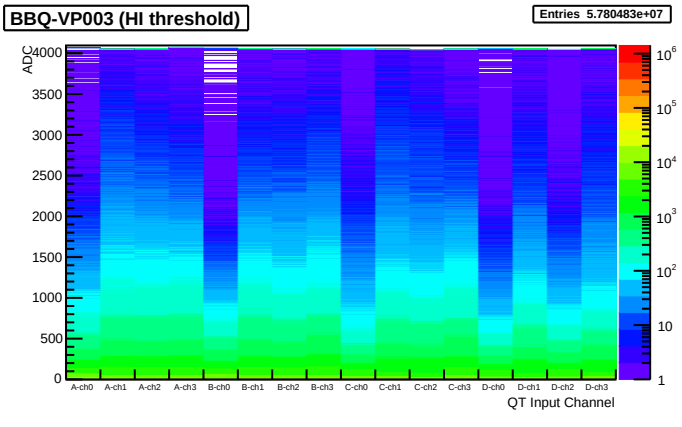

BBQ-ZD001 (ZDC TOWER)
Entries 5.780483e+07
TAC

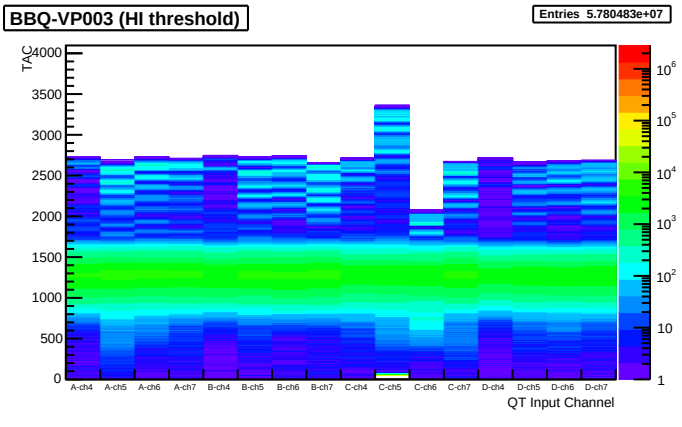

BBQ-VP001 (LO threshold)
Entries 5.780483e+07
ADC
QT Input Channel

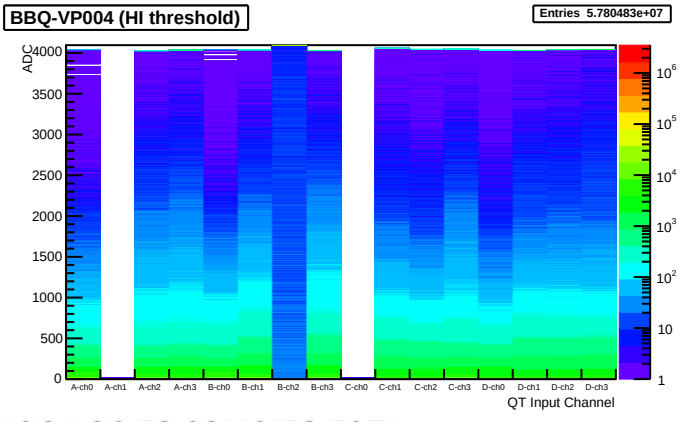

BBQ-VP001 (LO threshold)
Entries 5.780483e+07
TAC
QT Input Channel

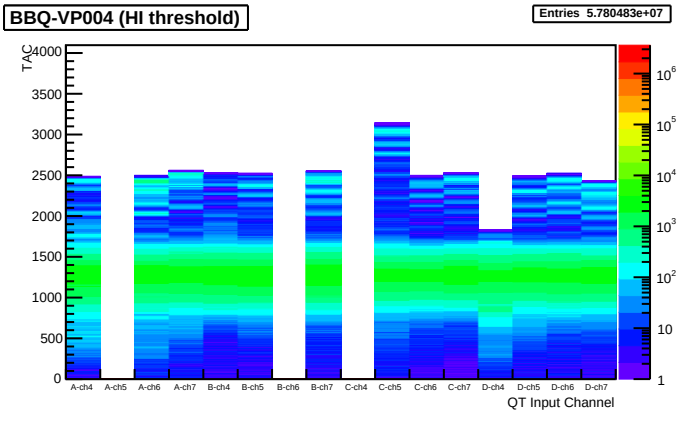

BBQ-VP002 (LO threshold)
Entries 5.780483e+07
ADC
QT Input Channel

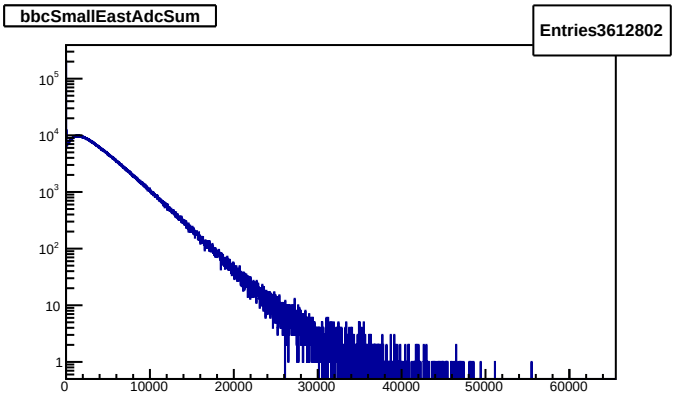

BBQ-VP002 (LO threshold)
Entries 5.780483e+07
TAC
QT Input Channel

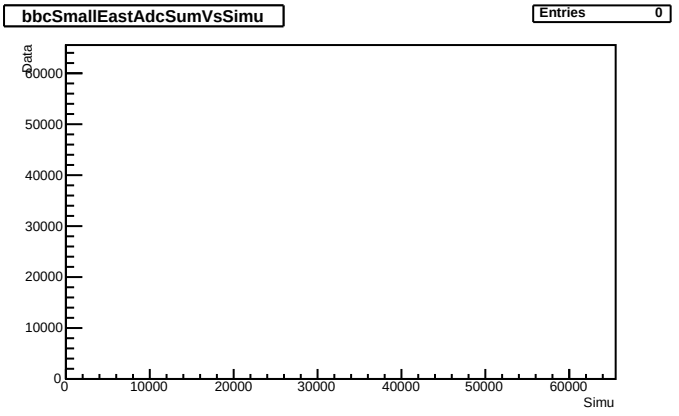

BBQ-VP003 (HI threshold)
Entries 5.780483e+07
ADC
QT Input Channel

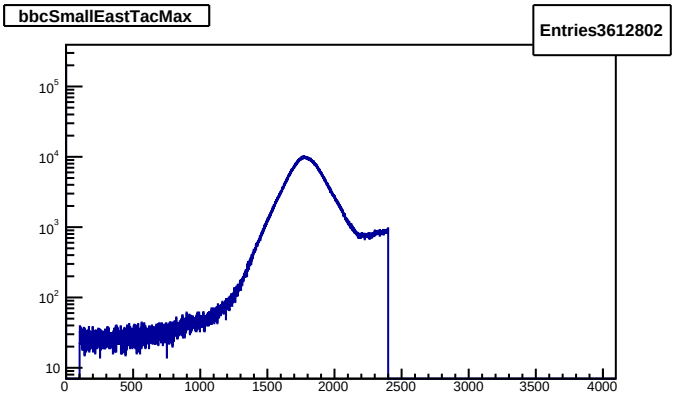

BBQ-VP003 (HI threshold)
Entries 5.780483e+07
TAC
QT Input Channel

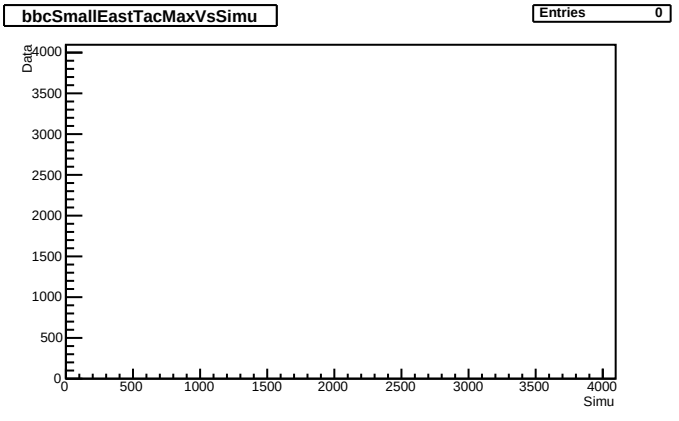

BBQ-VP004 (HI threshold)
Entries 5.780483e+07
ADC
QT Input Channel

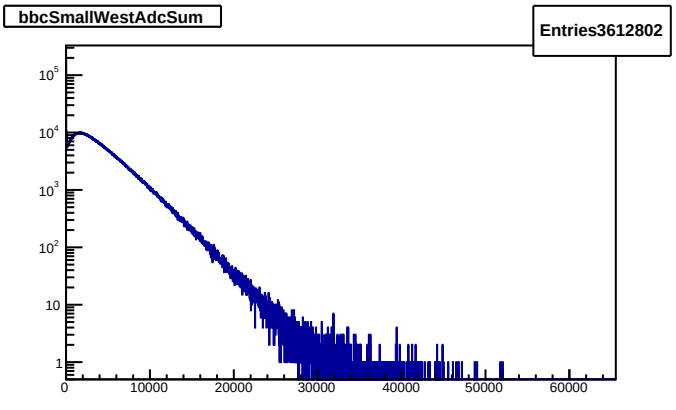

BBQ-VP004 (HI threshold)
Entries 5.780483e+07
TAC
QT Input Channel

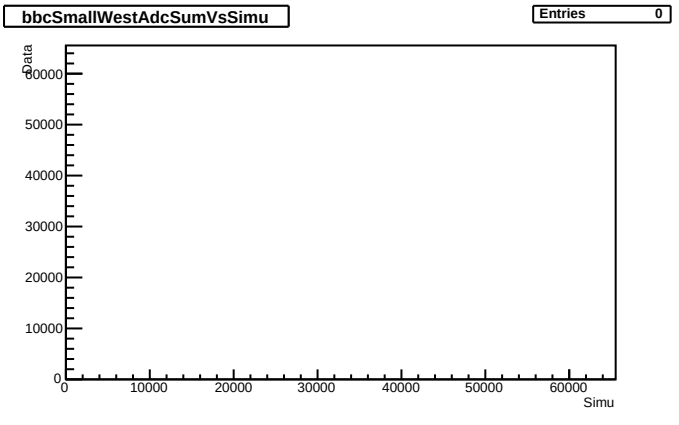

bbcSmallEastAdcSum
Entries3612802

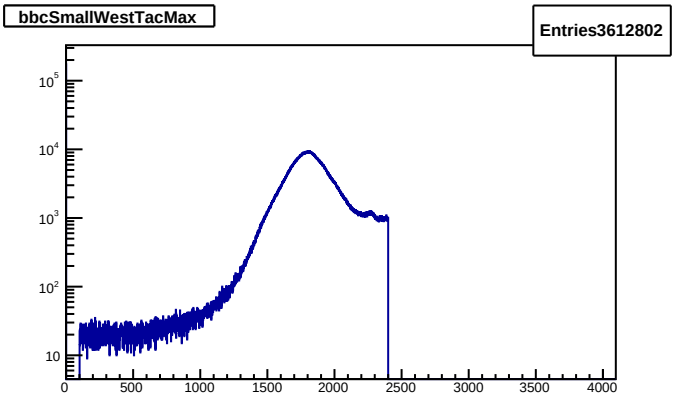

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

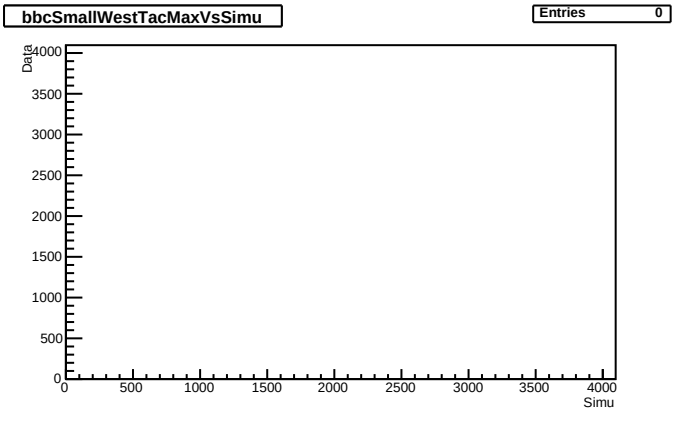

bbcSmallEastTacMax
Entries3612802

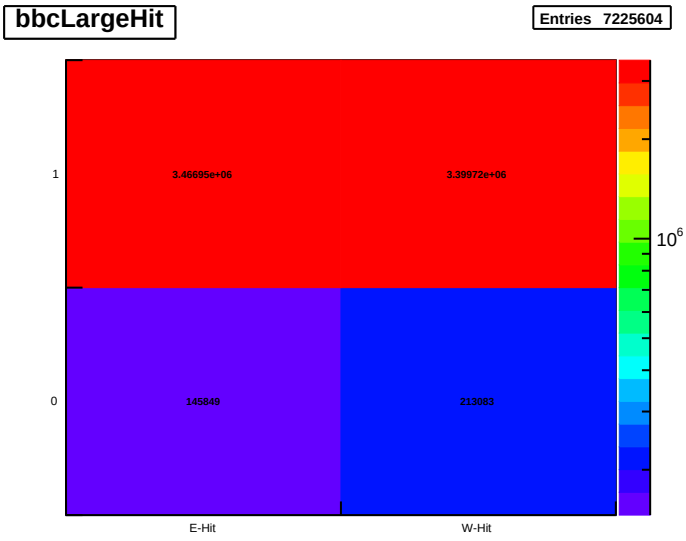

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

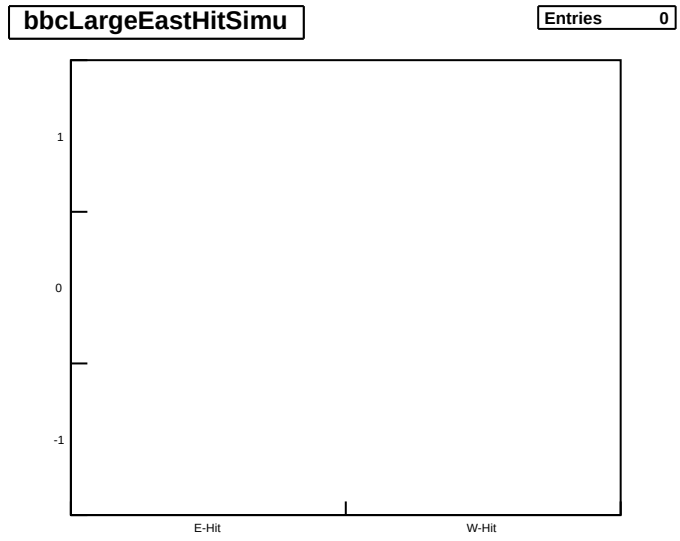

bbcSmallWestAdcSum
Entries3612802

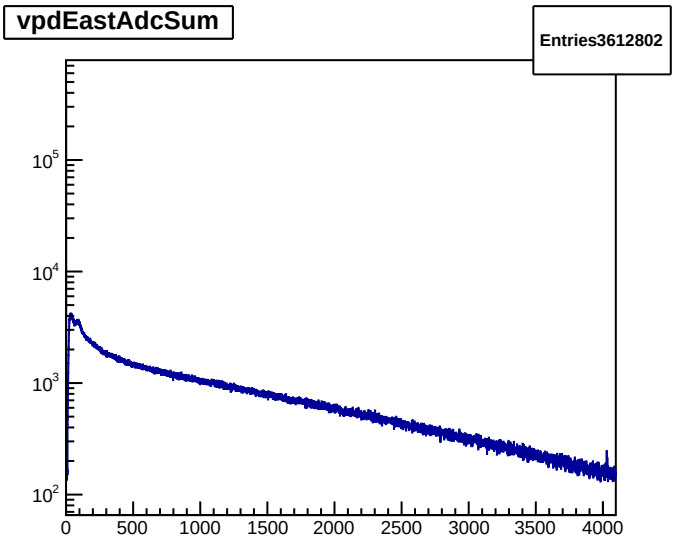

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

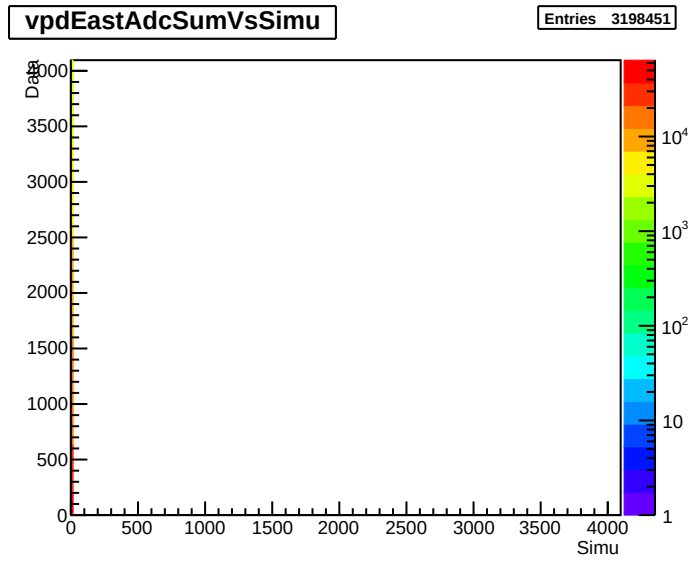

bbcSmallWestTacMax
Entries3612802

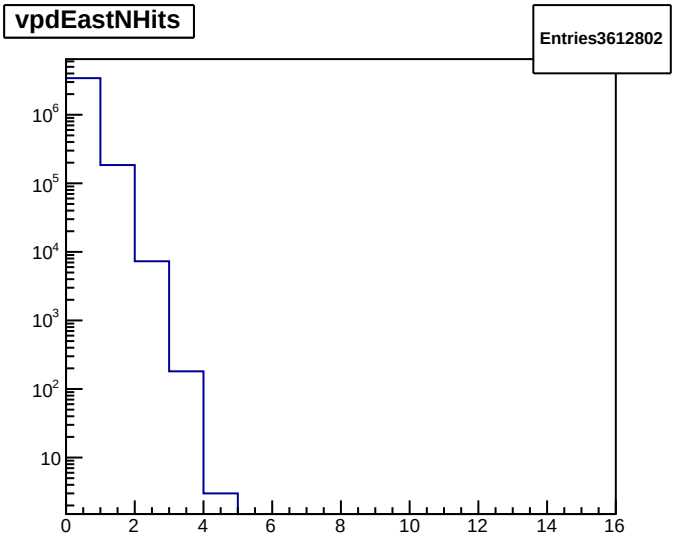

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

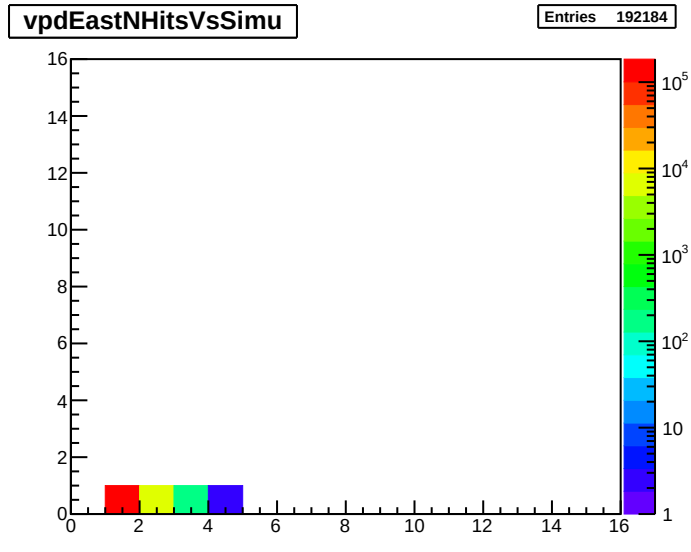

bbcLargeHit
Entries 7225604
1
0
3.46695e+06
3.39972e+06
145849
213083
E-Hit
W-Hit
$10^6$

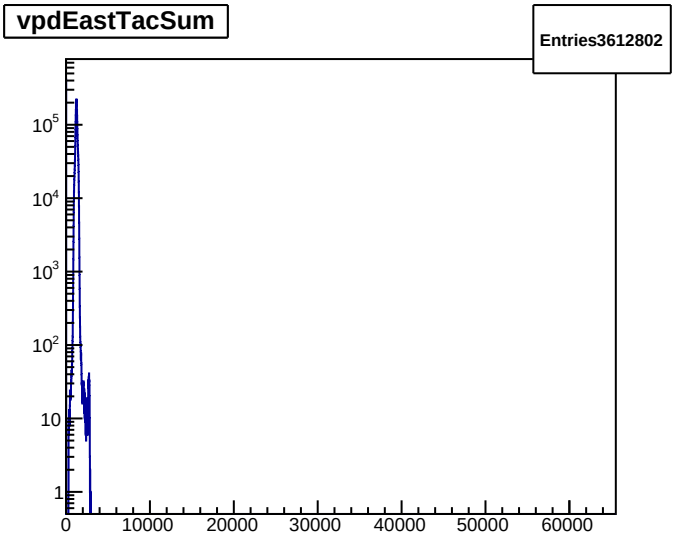

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

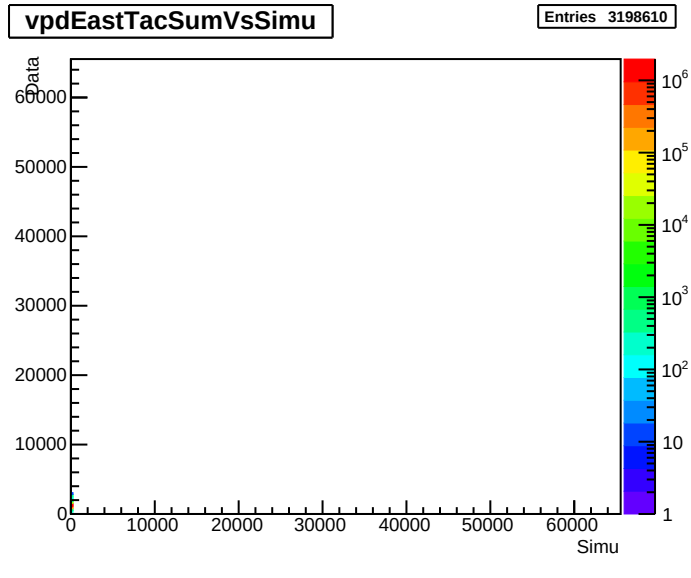

vpdEastAdcSum
Entries3612802

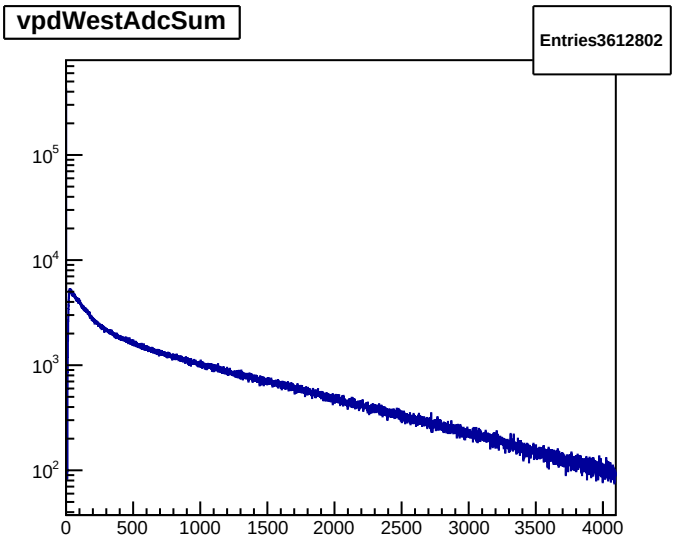

vpdEastAdcSumVsSimu
Entries 3198451
Data
Simu

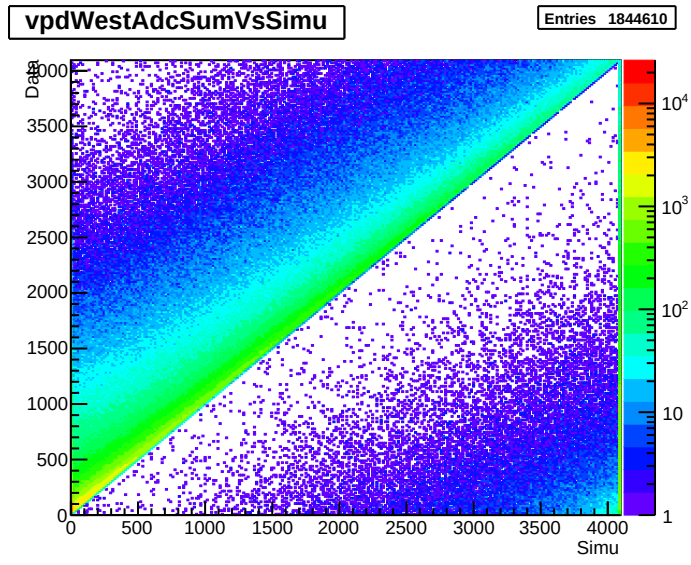

vpdEastNHits
Entries3612802

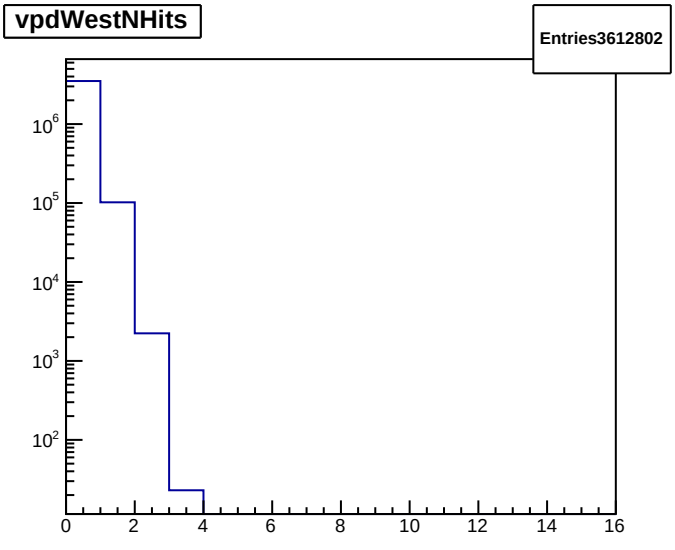

vpdEastNHitsVsSimu
Entries 192184

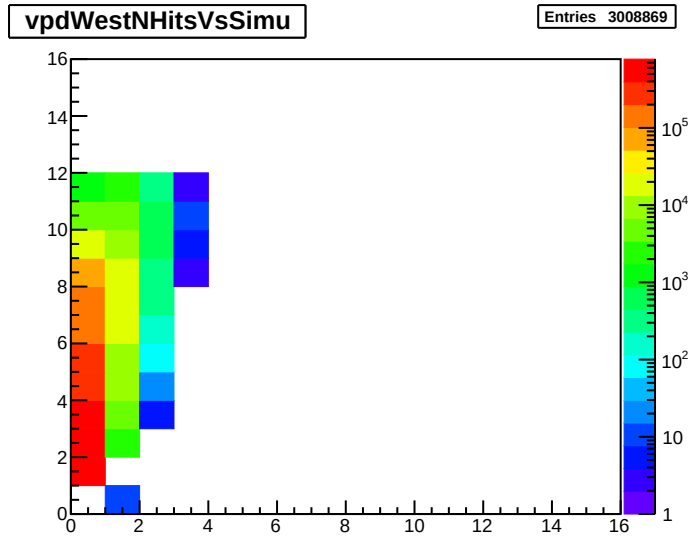

vpdEastTacSum
Entries3612802

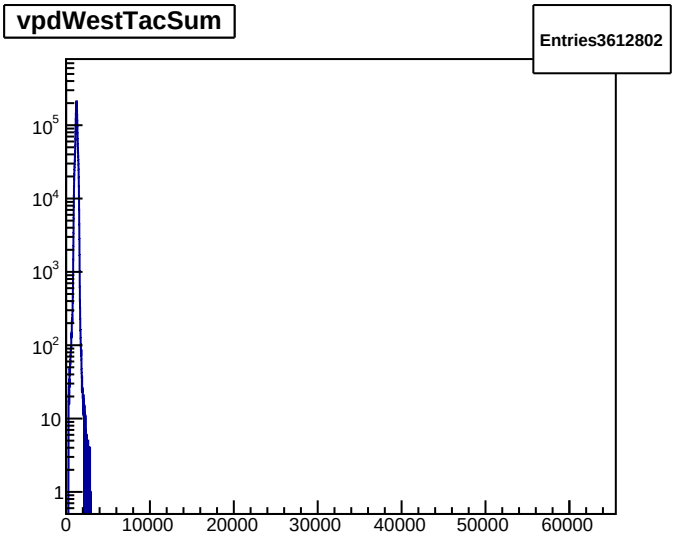

vpdEastTacSumVsSimu
Entries 3198610
Data
Simu

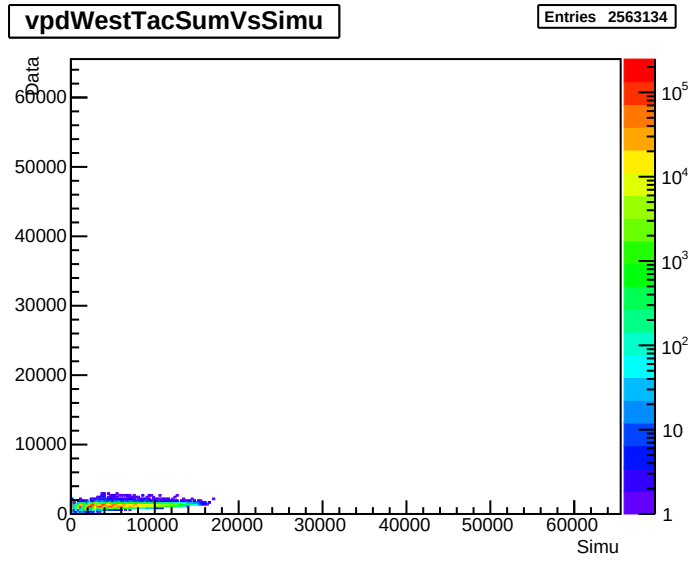

vpdWestAdcSum
Entries3612802

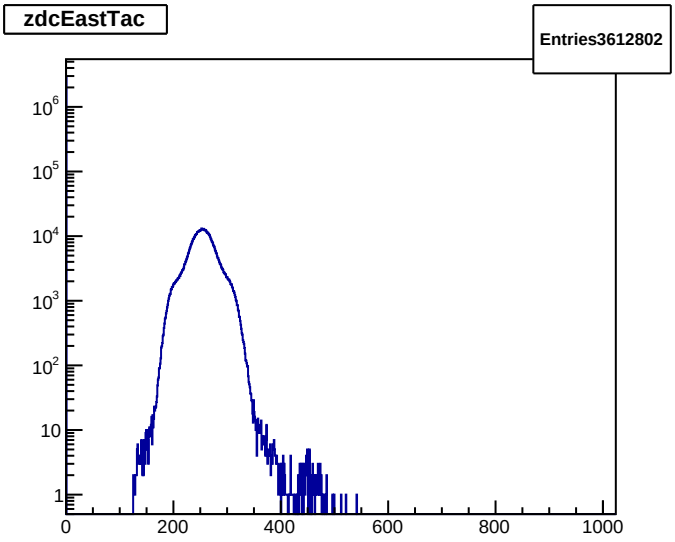

vpdWestAdcSumVsSimu
Entries 1844610
Data
Simu

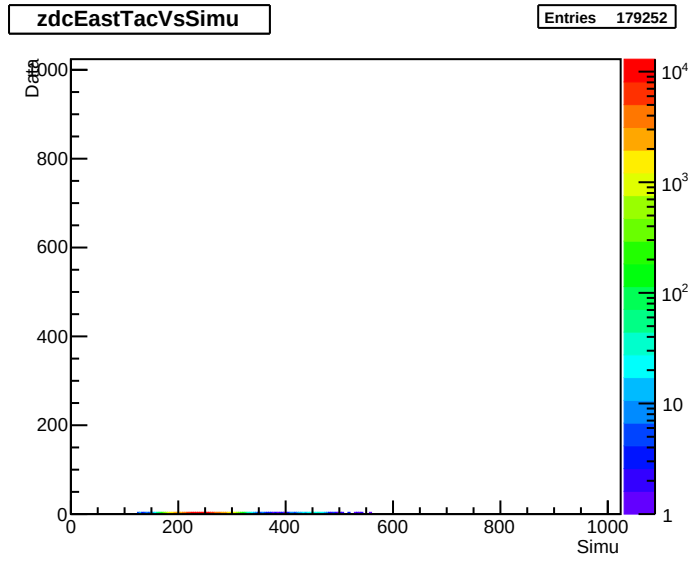

vpdWestNHits
Entries3612802

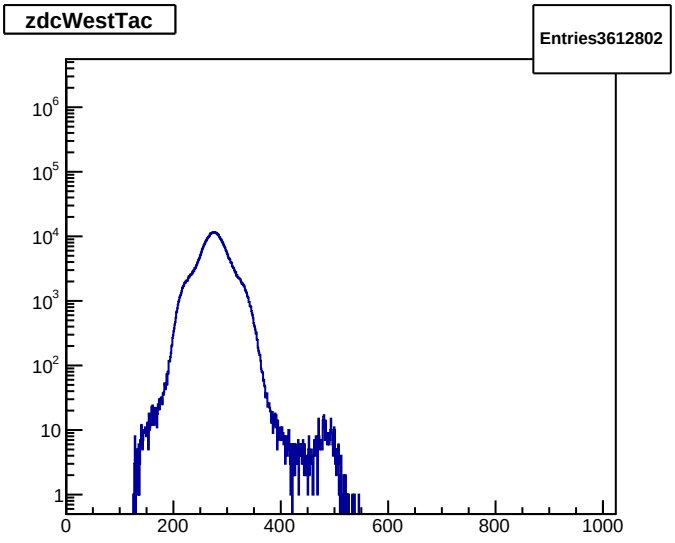

vpdWestNHitsVsSimu
Entries 3008869

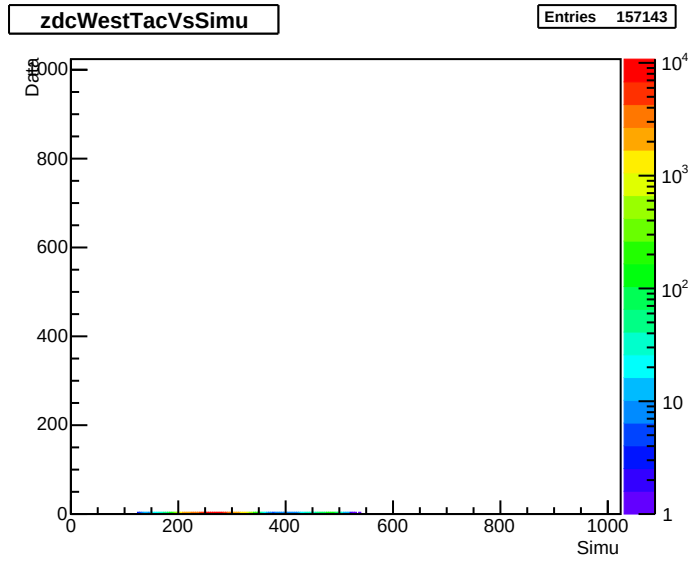

vpdWestTacSum
Entries3612802

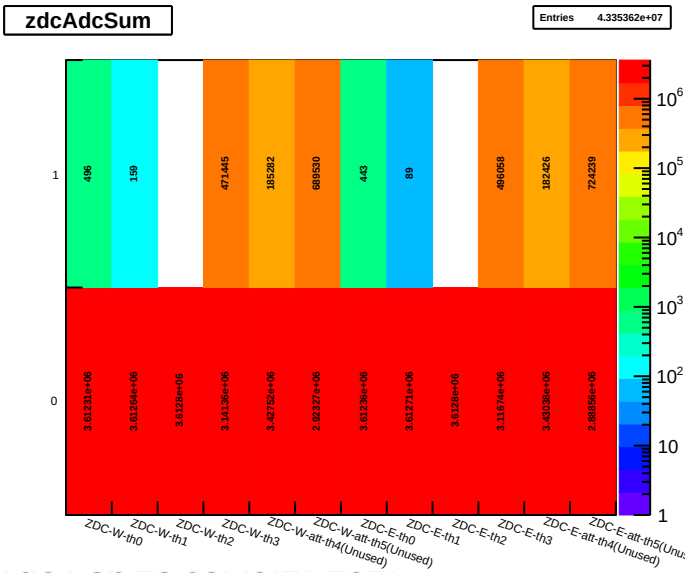

vpdWestTacSumVsSimu
Entries 2563134
Data
Simu

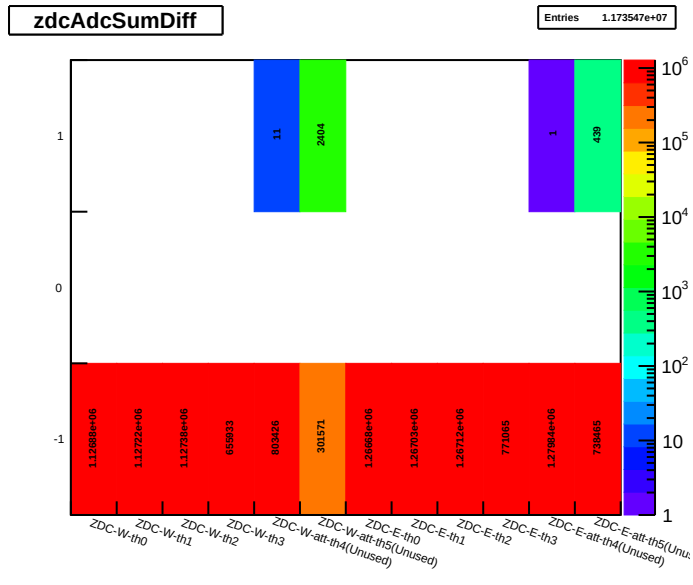

zdcEastTac
Entries3612802

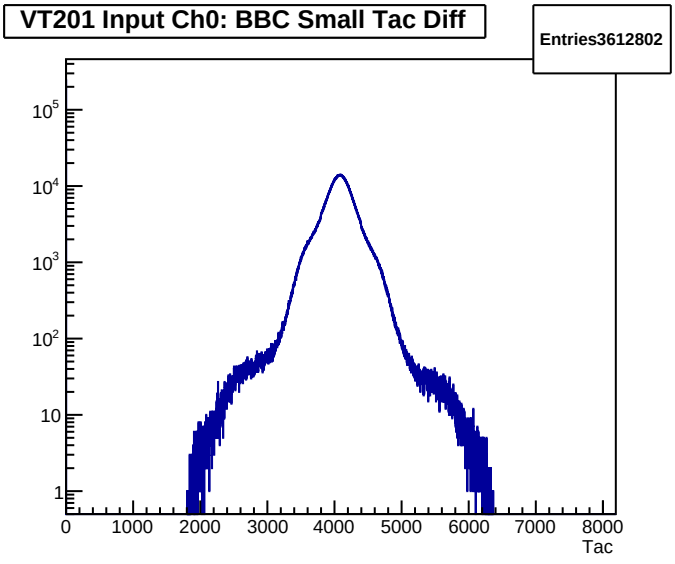

zdcEastTacVsSimu
Entries 179252
Data
Simu

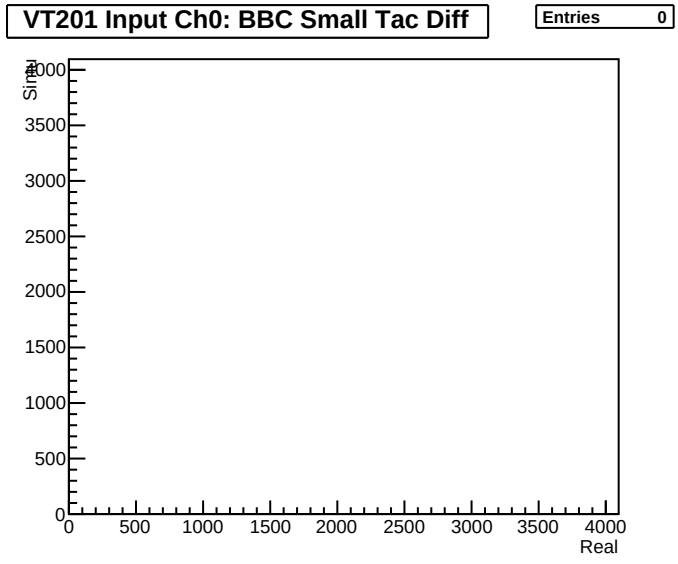

zdcWestTac
Entries3612802

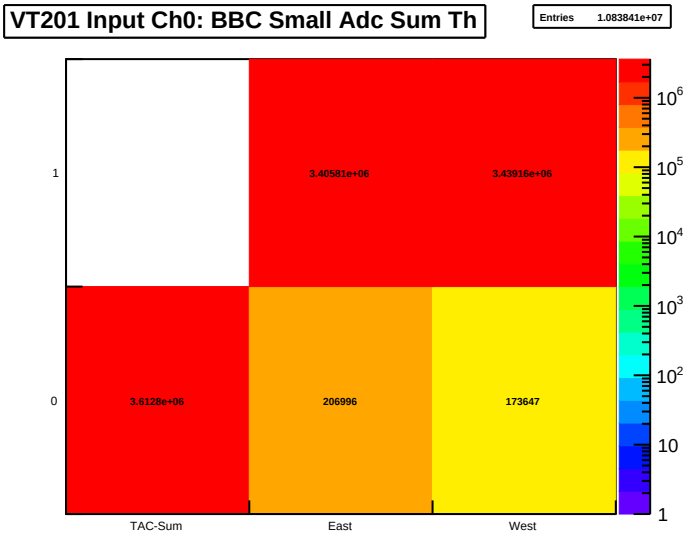

zdcWestTacVsSimu
Entries 157143
Data
Simu

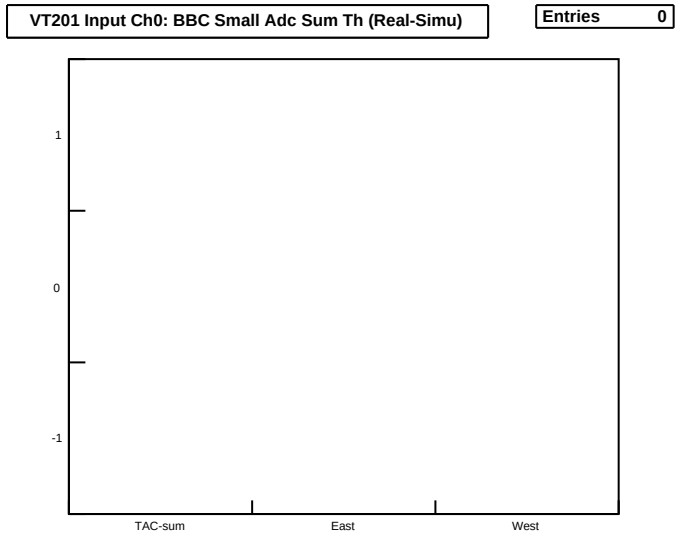

zdcAdcSum
Entries 4.335362e+07
496
159
471445
185282
699530
443
89
496058
182426
724239
3.61231e+06
3.61264e+06
3.6128e+06
3.14136e+06
3.42752e+06
2.92327e+06
3.61236e+06
3.61271e+06
3.6128e+06
3.11674e+06
3.43038e+06
2.88856e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

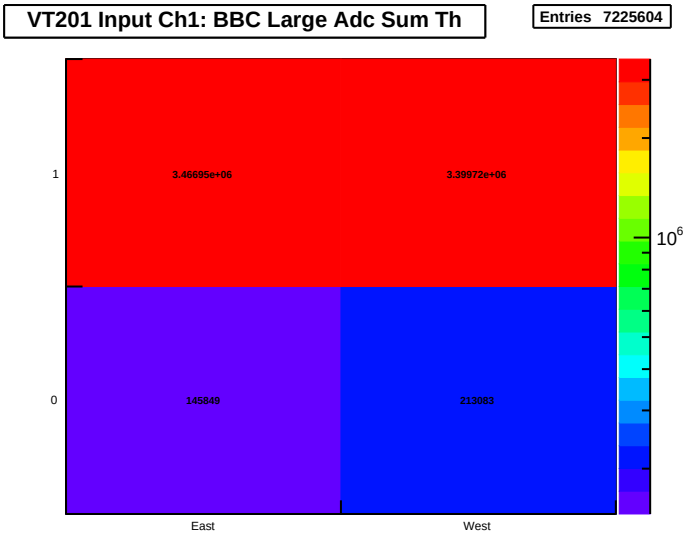

zdcAdcSumDiff
Entries 1.173547e+07
11
2404
1
439
1.12688e+06
1.12722e+06
1.12738e+06
659933
803426
301571
1.26668e+06
1.26703e+06
1.26712e+06
771065
1.27984e+06
738465
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

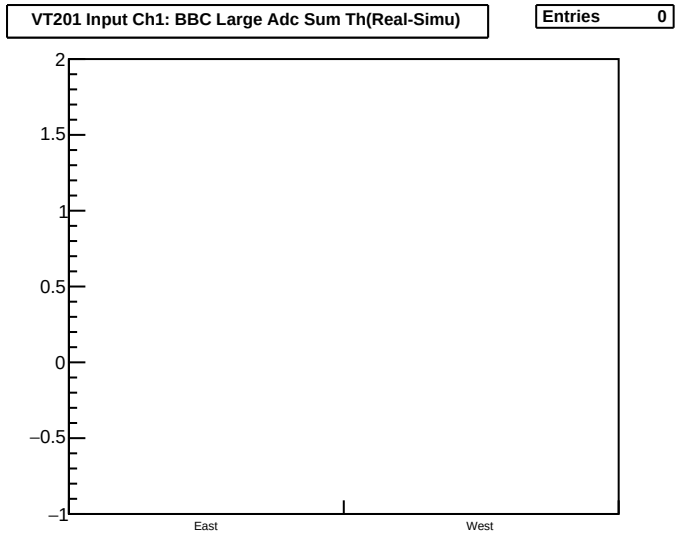

VT201 Input Ch0: BBC Small Tac Diff
Entries3612802
Tac


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

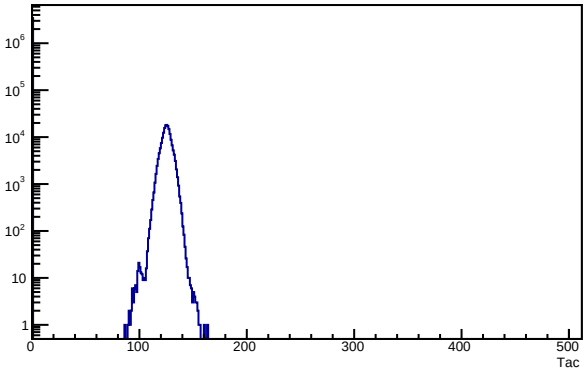

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.083841e+07
3.40581e+06
3.43916e+06
3.6128e+06
206996
173647
TAC-Sum
East
West


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

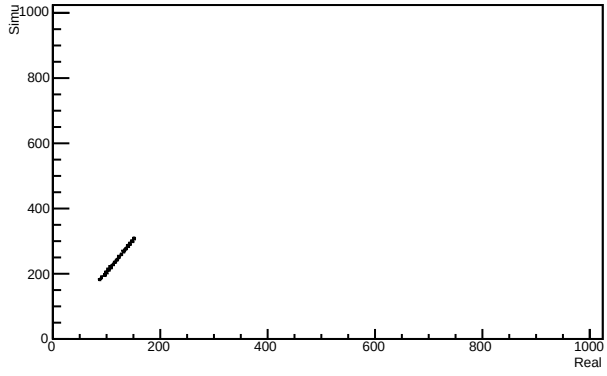

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7225604
3.46695e+06
3.39972e+06
145849
213083
East
West


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

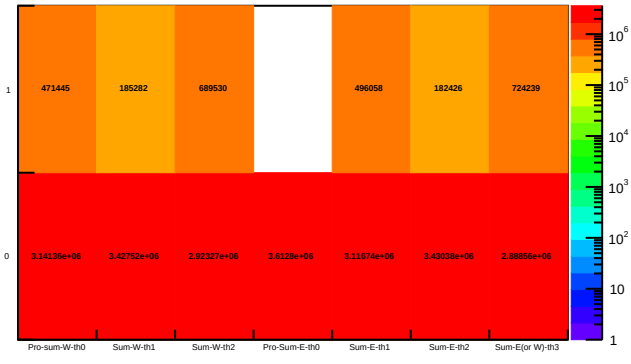
**VT201 Input Ch2: ZDC Tac Diff**



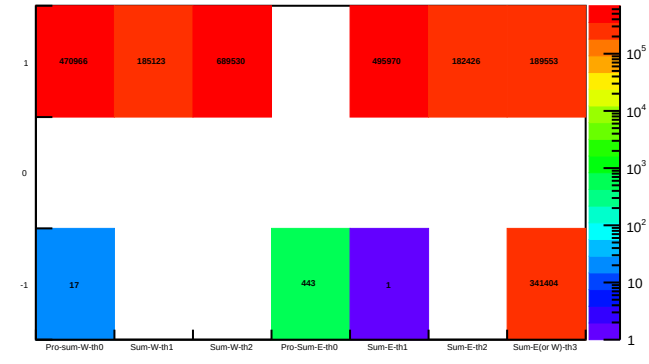

**VT201 Input Ch2: ZDC Tac Diff**



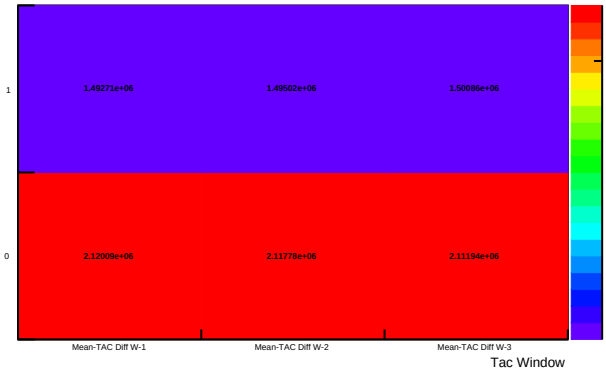

**VT201 Input Ch2: ZDC Adc Sum Th**



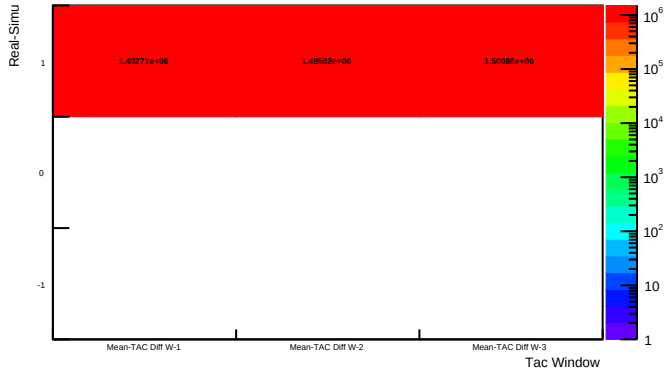

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



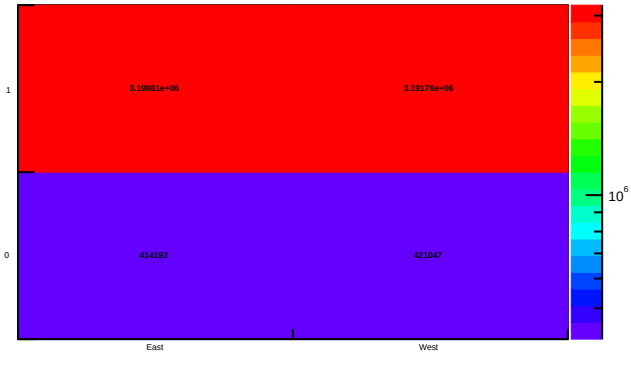

**VT201 Input Ch4: VPD Tac Diff**



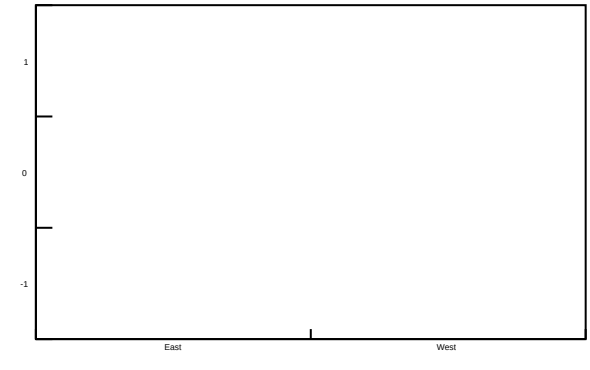

**VT201 Input Ch4: VPD Tac Diff**

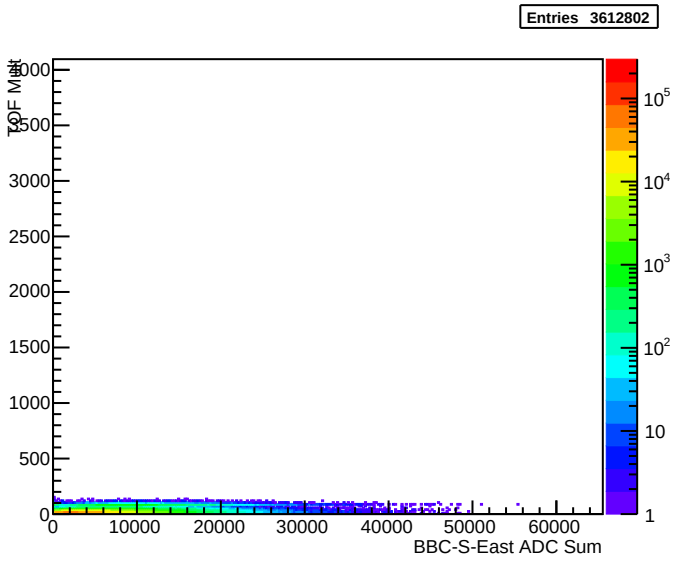


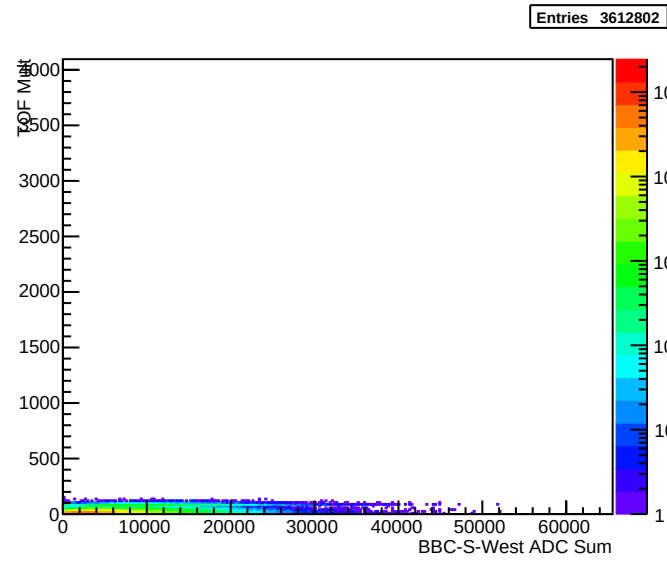

**VT201 Input Ch4: VPD Adc Sum Th**

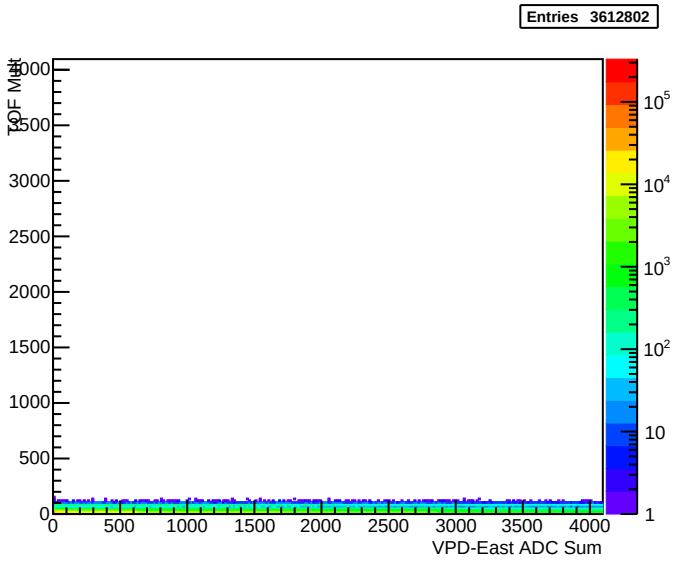


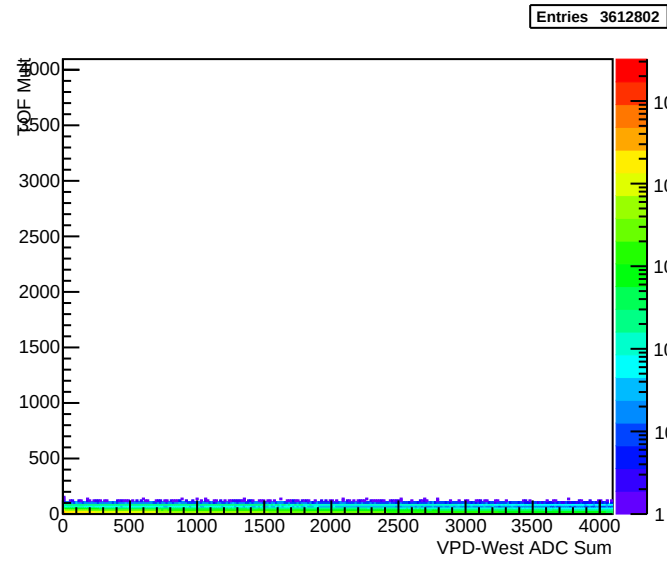

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

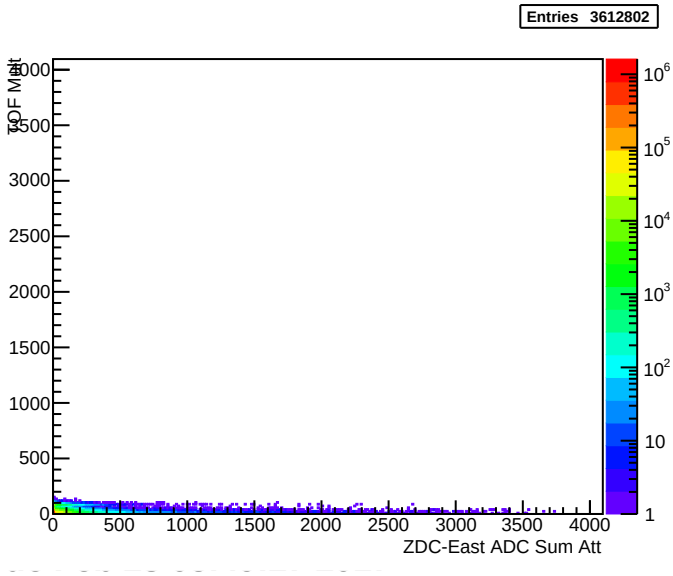


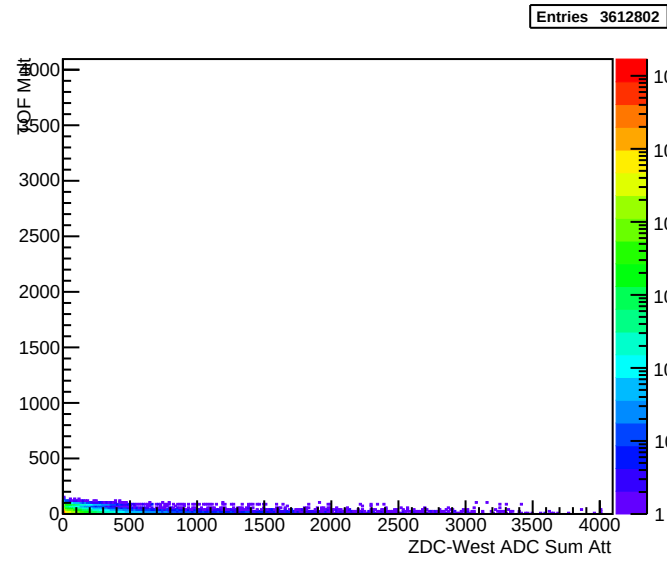

Entries 3612802
TOF Mult
BBC-S-East ADC Sum

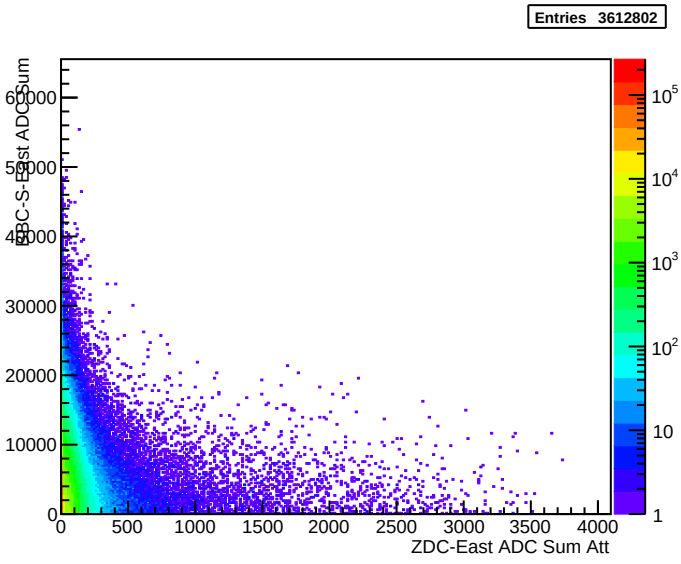

Entries 3612802
TOF Mult
BBC-S-West ADC Sum

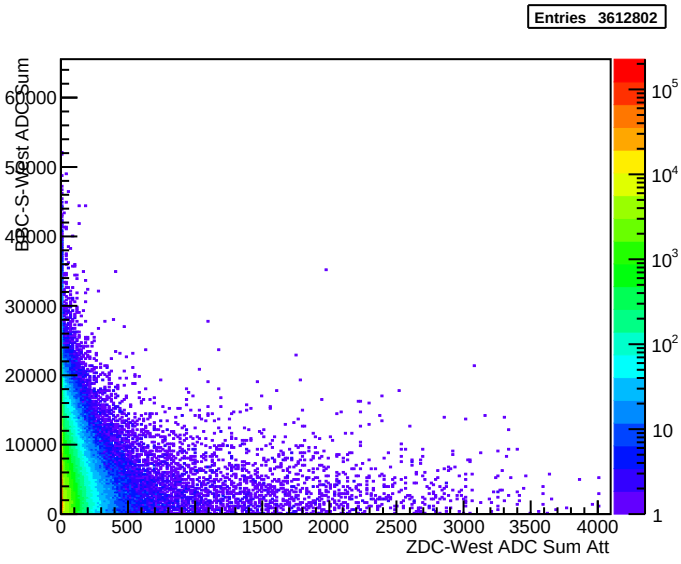

Entries 3612802
TOF Mult
VPD-East ADC Sum

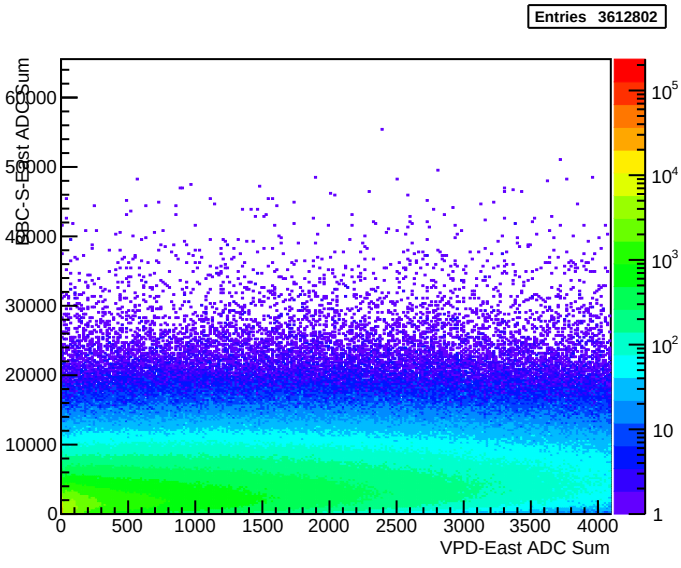

Entries 3612802
TOF Mult
VPD-West ADC Sum

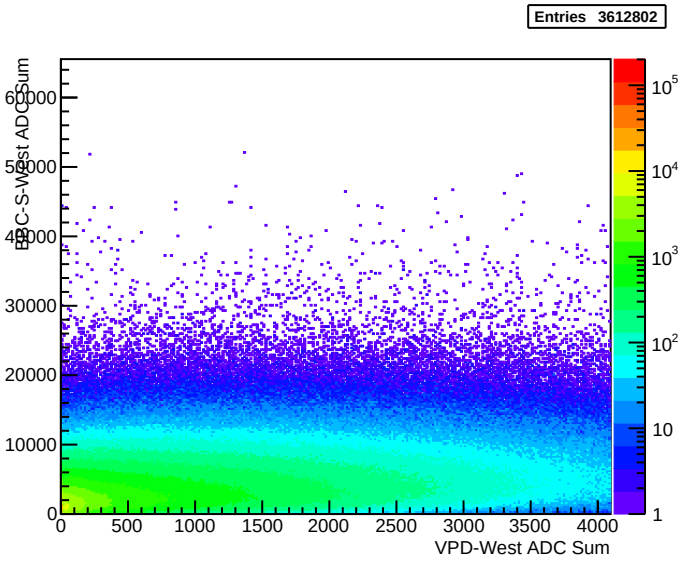

Entries 3612802
TOF Mult
ZDC-East ADC Sum Att

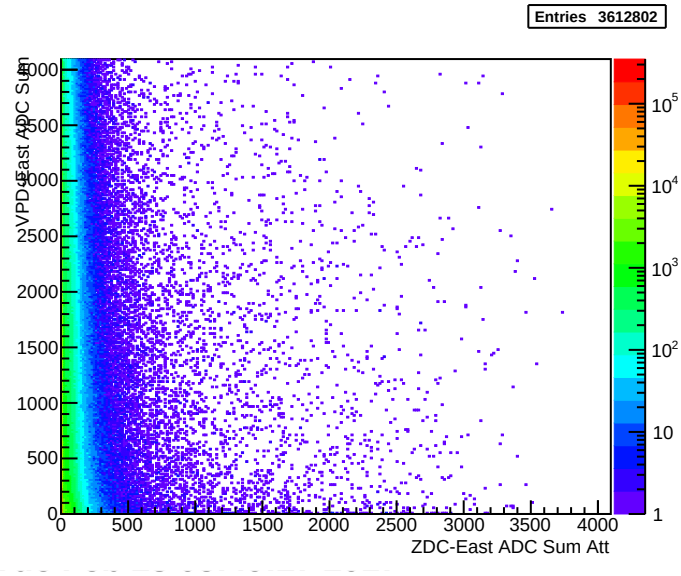

Entries 3612802
TOF Mult
ZDC-West ADC Sum Att

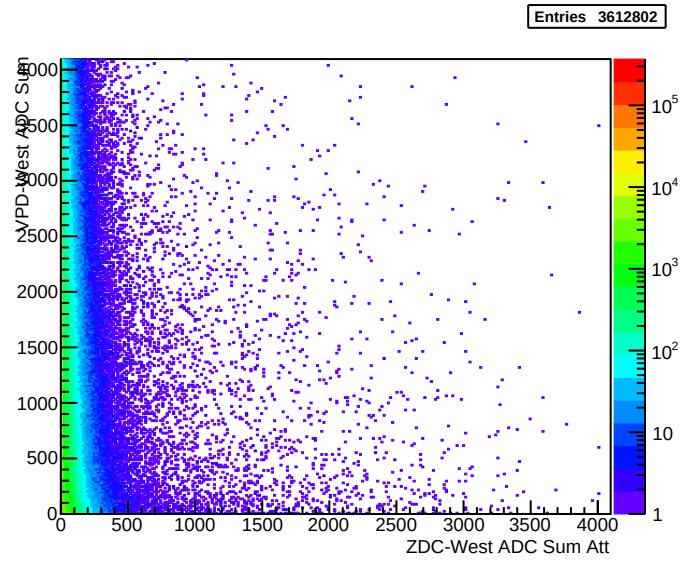

Entries 3612802
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

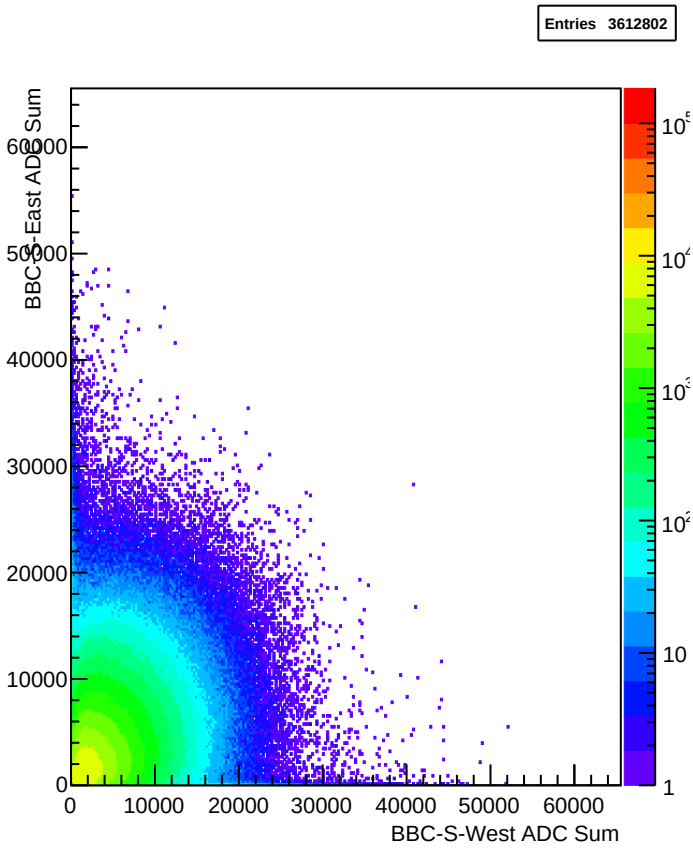

Entries 3612802
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

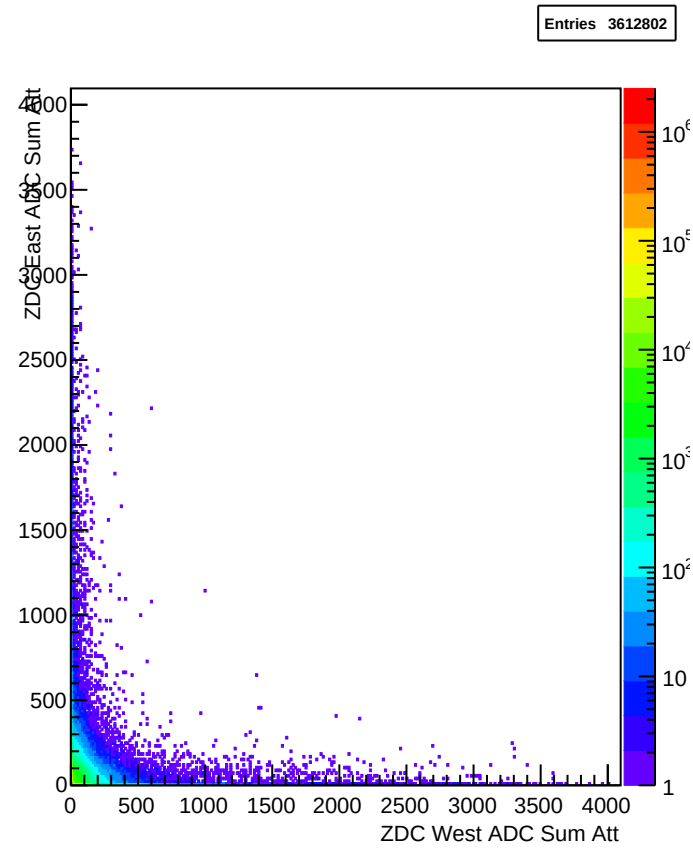

Entries 3612802
BBC-S-East ADC Sum
VPD-East ADC Sum

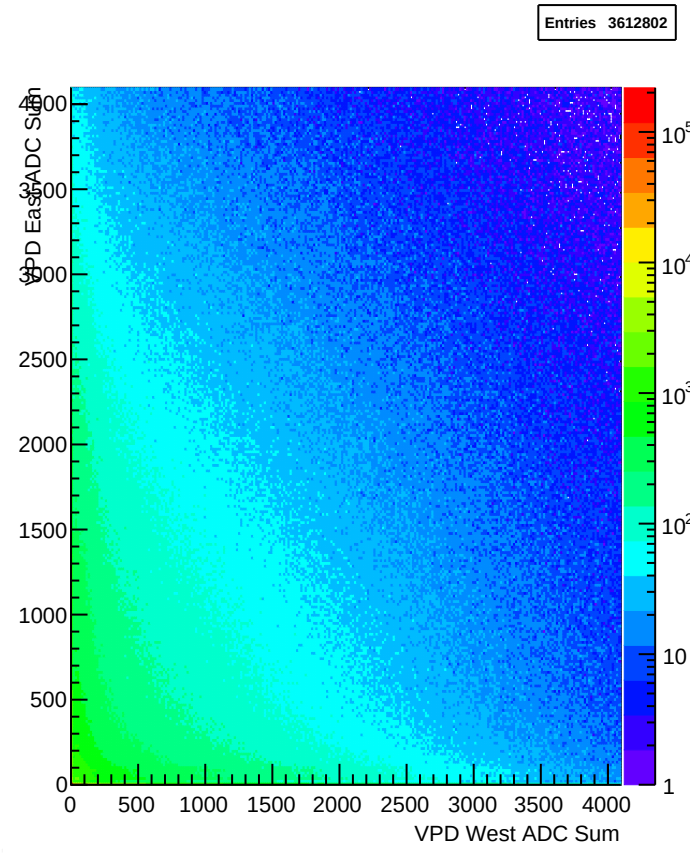

Entries 3612802
BBC-S-West ADC Sum
VPD-West ADC Sum

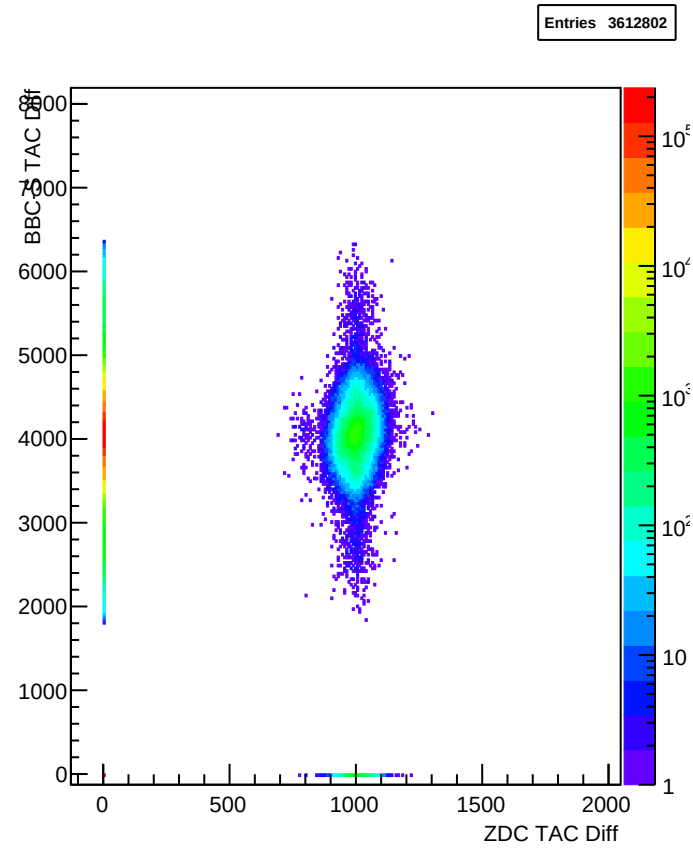

Entries 3612802
VPD-East ADC Sum
ZDC-East ADC Sum Att

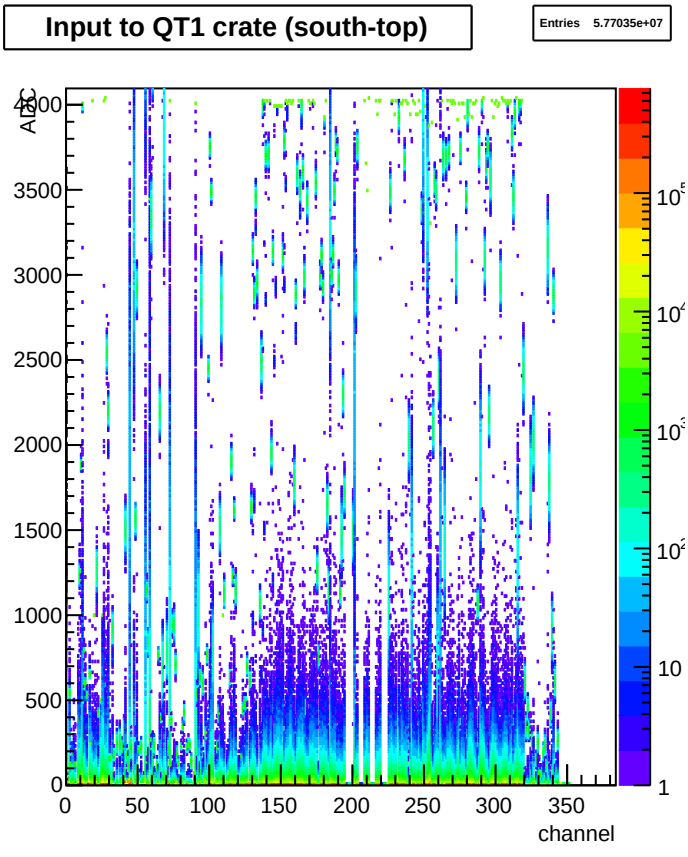

Entries 3612802
VPD-West ADC Sum
ZDC-West ADC Sum Att

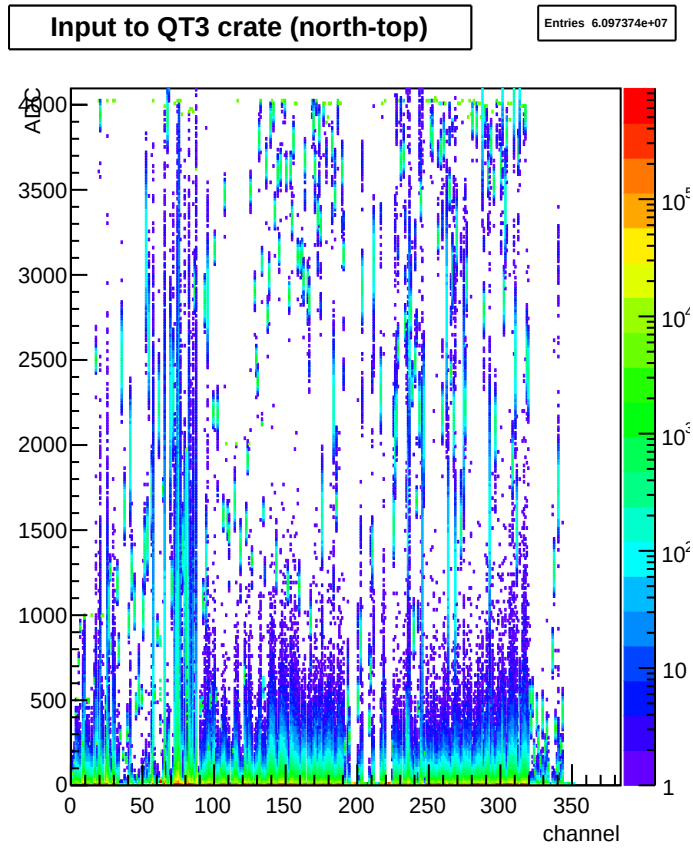

Entries 3612802
BBC-S-East ADC Sum
BBC-S-West ADC Sum

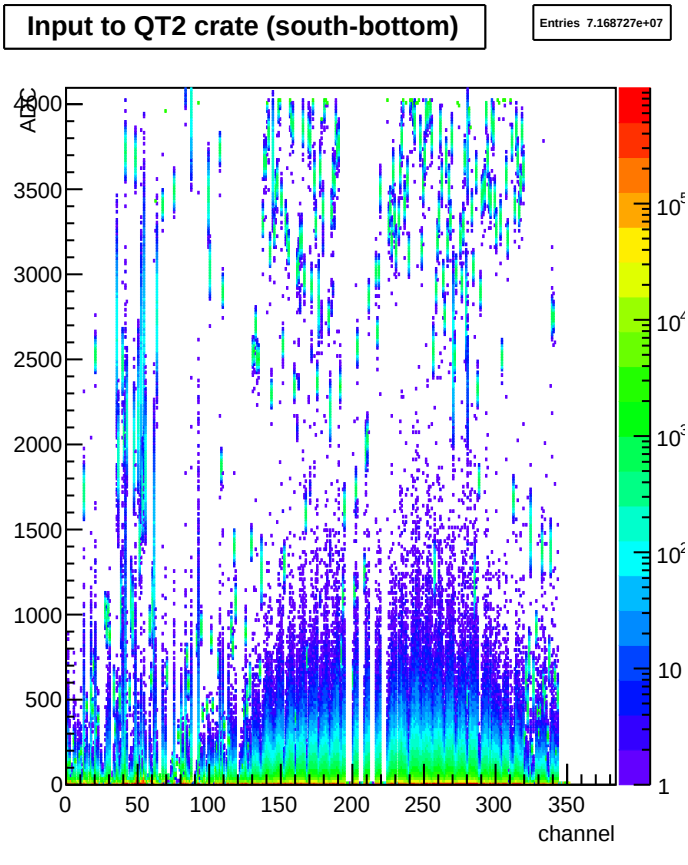

Entries 3612802
ZDC East ADC Sum Att
ZDC West ADC Sum Att

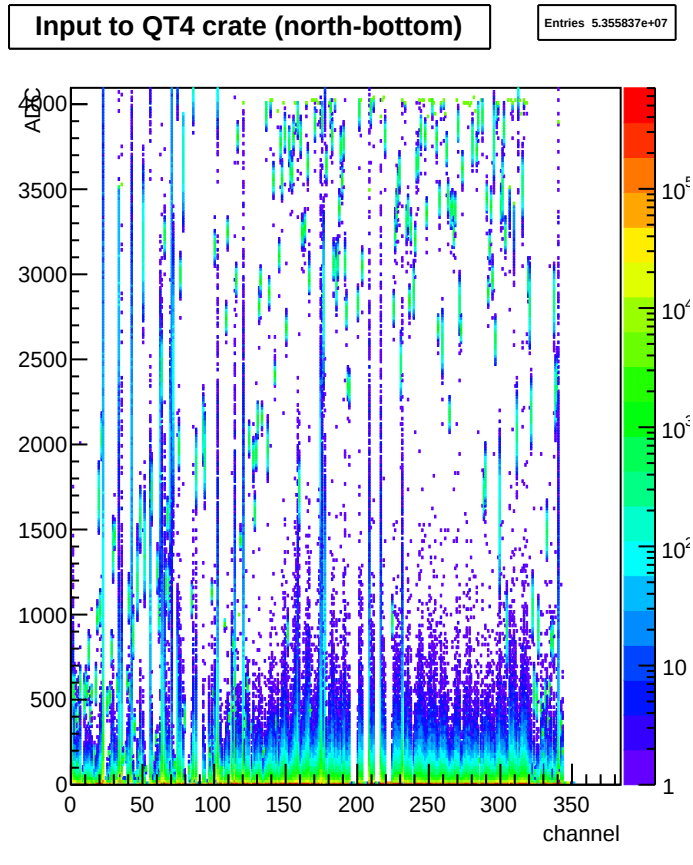

Entries 3612802
VPD East ADC Sum
VPD West ADC Sum

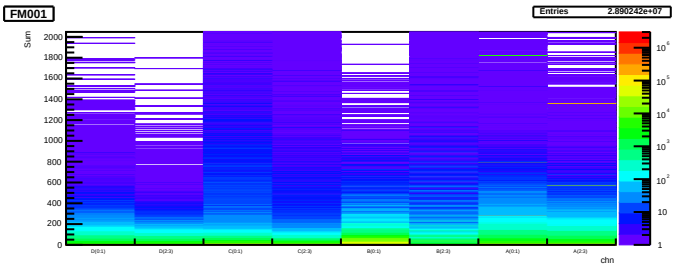

Entries 3612802
BBC-S TAC Diff
ZDC TAC Diff

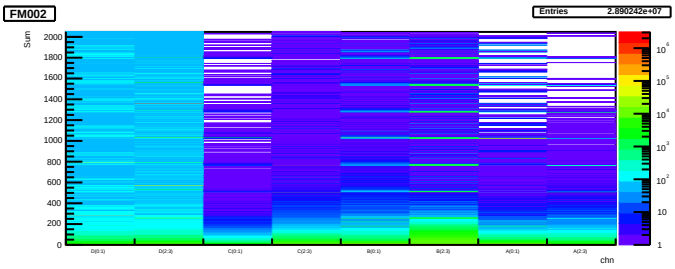

Input to QT1 crate (south-top)
Entries 5.77035e+07
ADC
channel

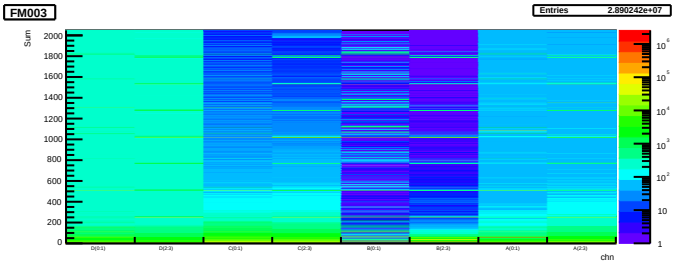

Input to QT3 crate (north-top)
Entries 6.097374e+07
ADC
channel

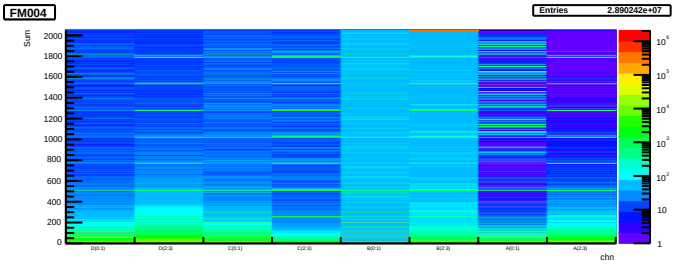

Input to QT2 crate (south-bottom)
Entries 7.168727e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 5.355837e+07
ADC
channel


FM001
Entries 2.890242e+07
Sum
chn


FM002
Entries 2.890242e+07
Sum
chn


FM003
Entries 2.890242e+07
Sum
chn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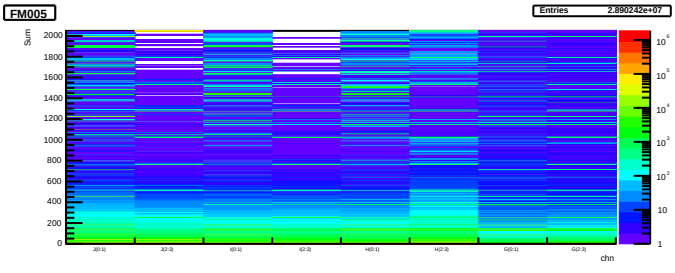
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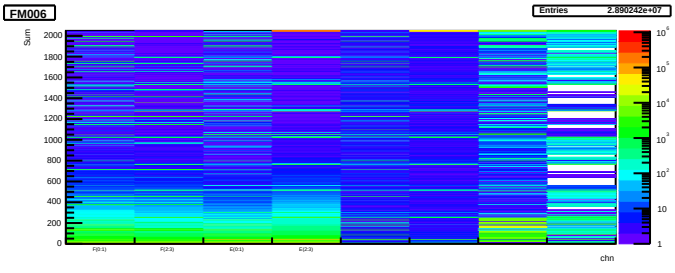
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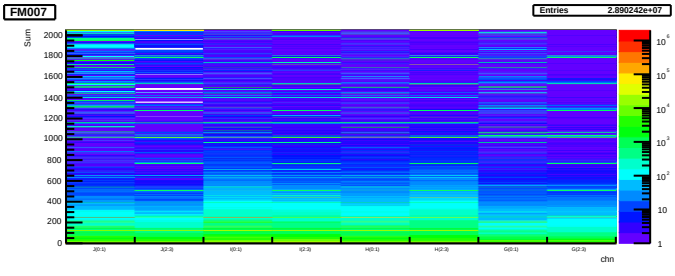
FM007
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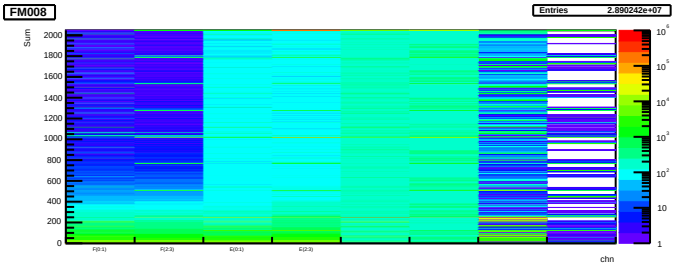
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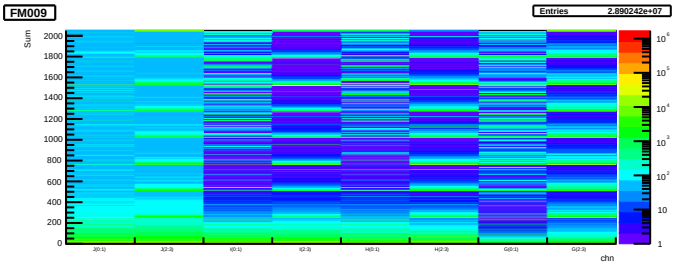
FM009
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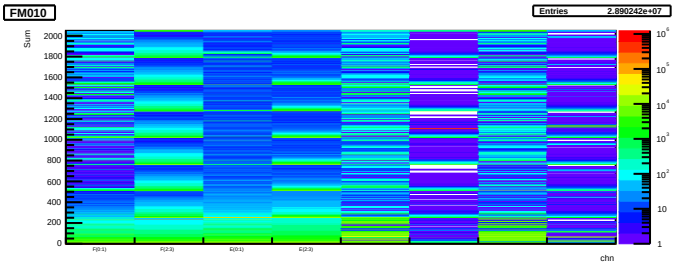
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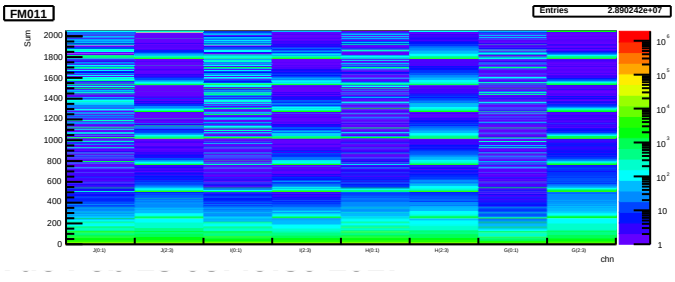
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Entries 2.890242e+07
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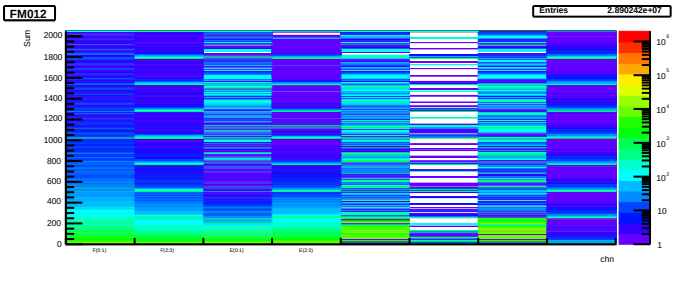
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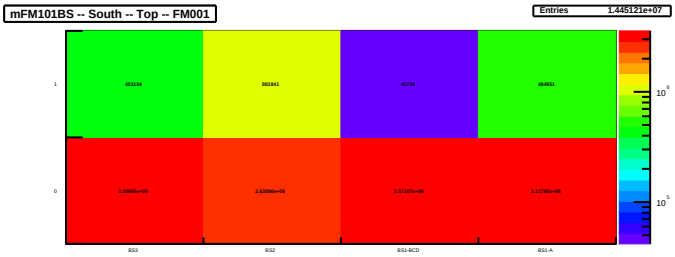
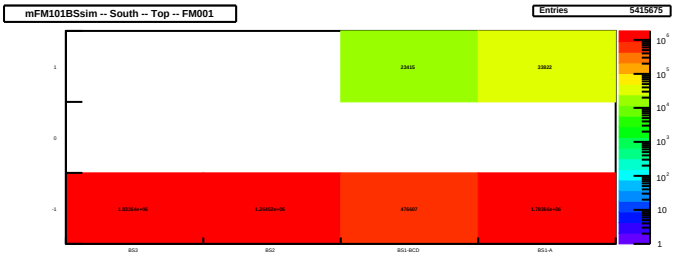

mFM101BS -- South -- Top -- FM001
Entries 1.445121e+07


mFM101BSsim -- South -- Top -- FM001
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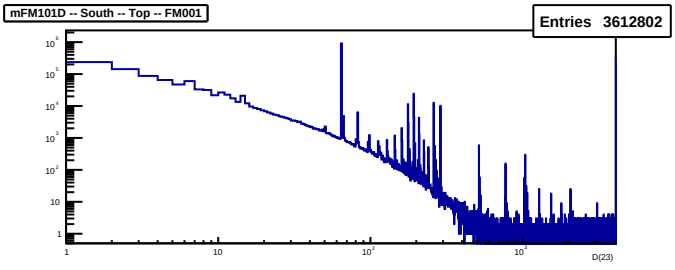
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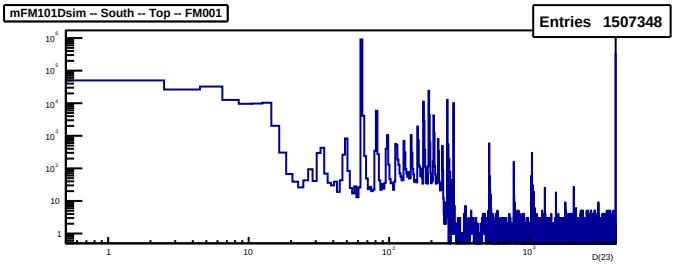
Entries 3612802
D(23)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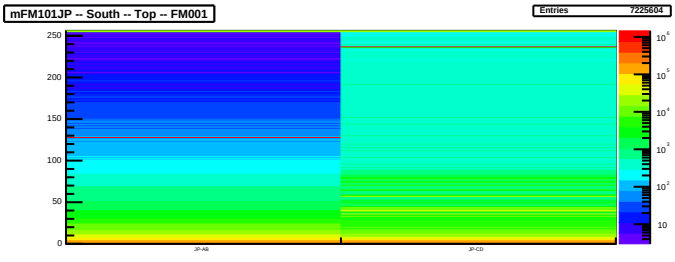
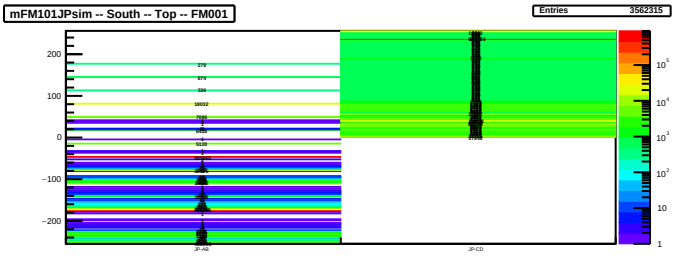
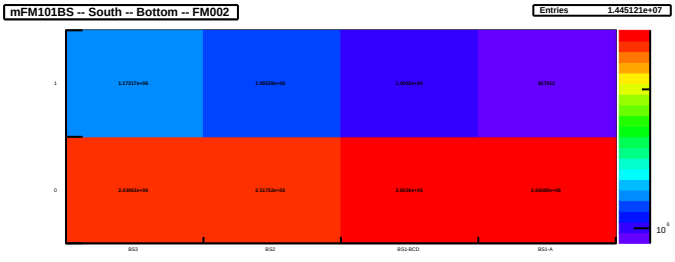
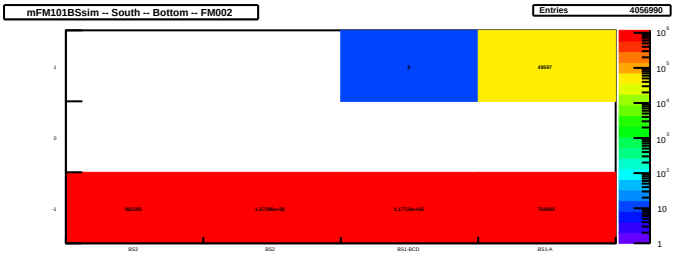
D(23)


mFM101JP -- South -- Top -- FM001
Entries 7225604


mFM101JPsim -- South -- Top -- FM001
Entries 3562315


mFM101BS -- South -- Bottom -- FM002
Entries 1.445121e+07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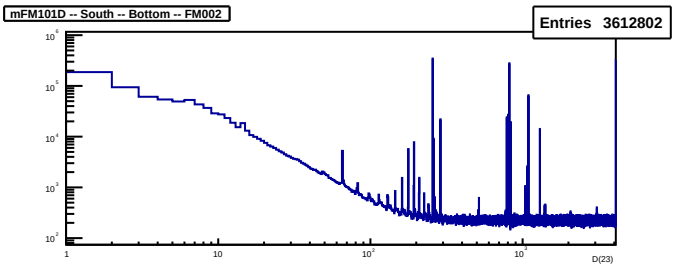
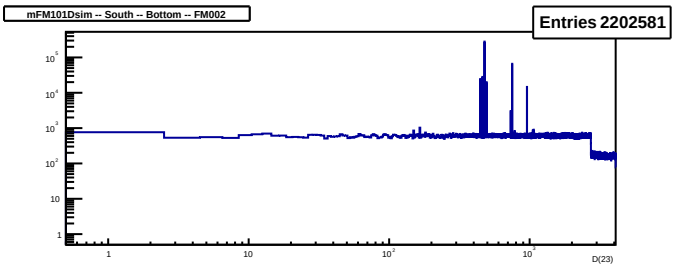
Entries 4056990


mFM101D -- South -- Bottom -- FM002
Entries 3612802
D(23)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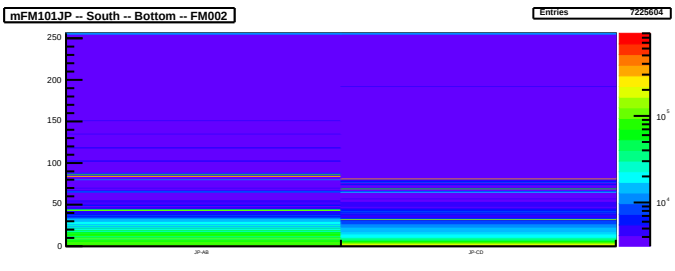
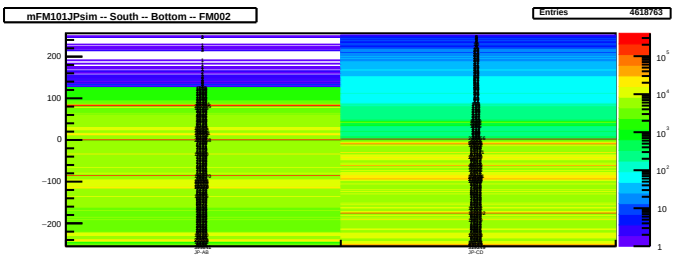
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 7225604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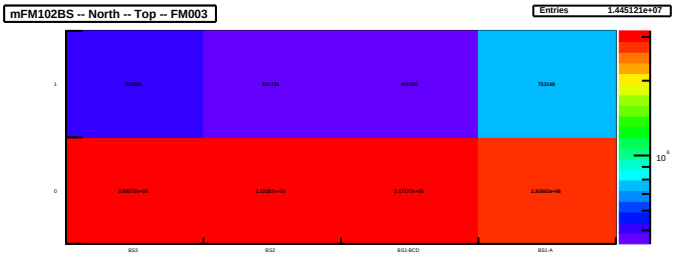
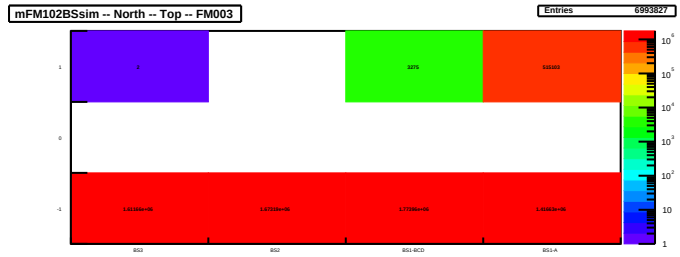

mFM102BS -- North -- Top -- FM003
Entries 1.445121e+07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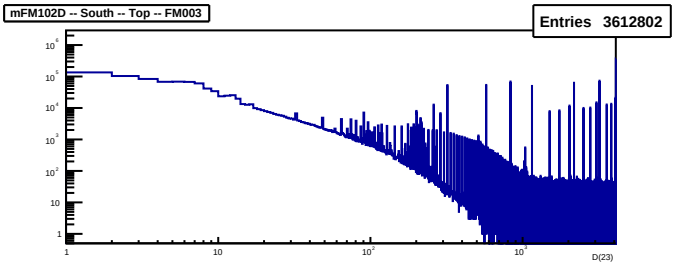
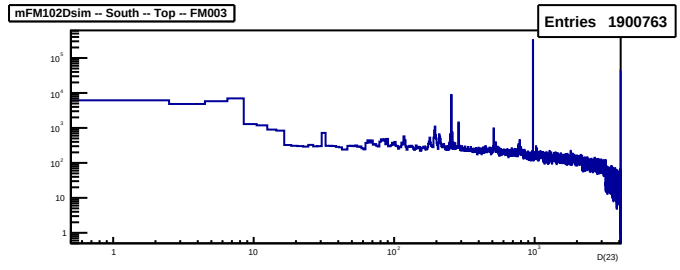

mFM102D -- South -- Top -- FM003
Entries 3612802
D(23)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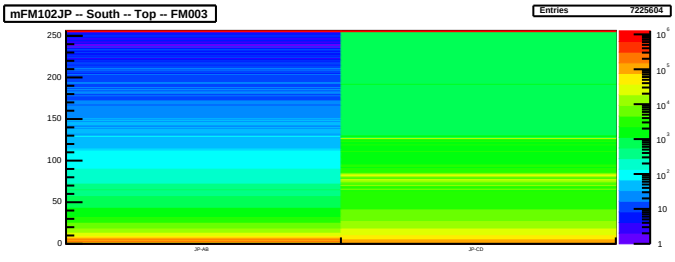
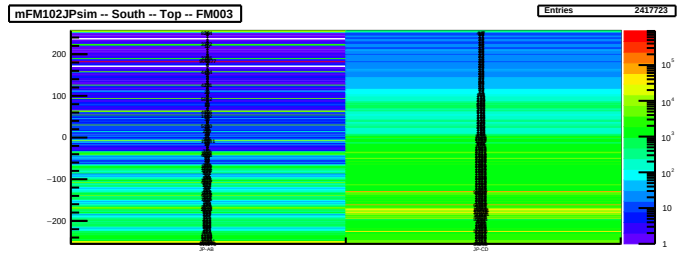
D(23)


mFM102JP -- South -- Top -- FM003
Entries 7225604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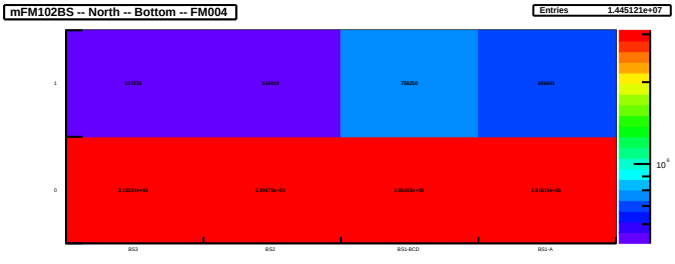
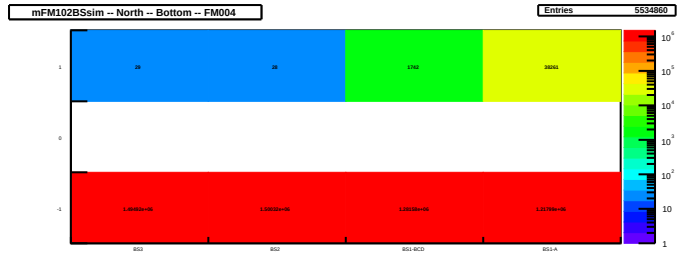

mFM102BS -- North -- Bottom -- FM004
Entries 1.445121e+07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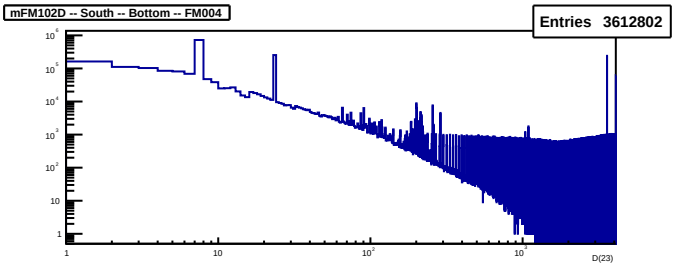
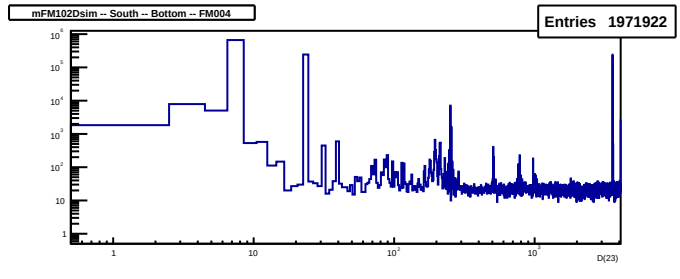

mFM102D -- South -- Bottom -- FM004
Entries 3612802
D(23)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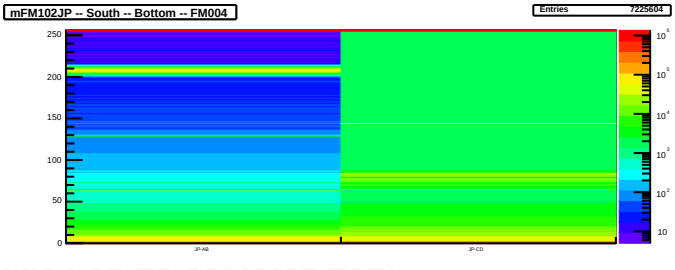
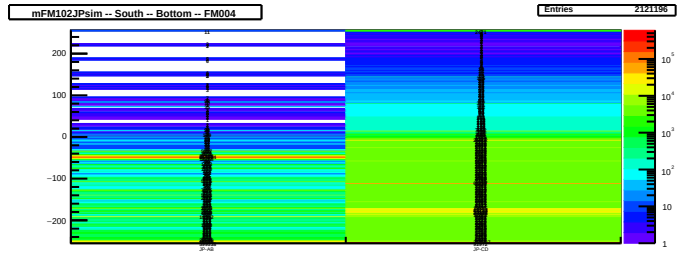
Entries 1971922
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 7225604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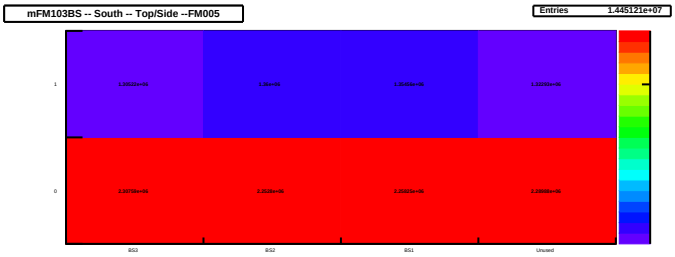
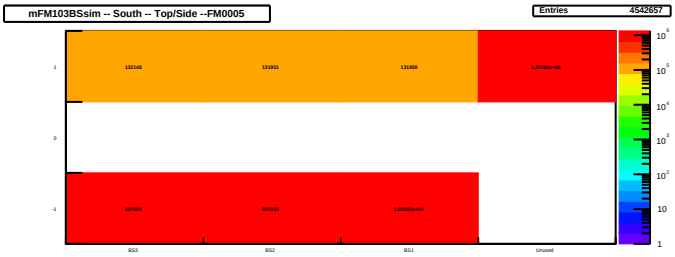
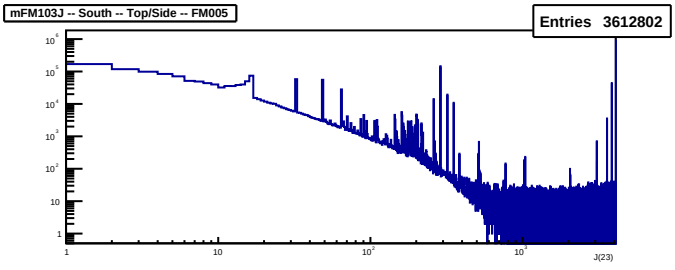
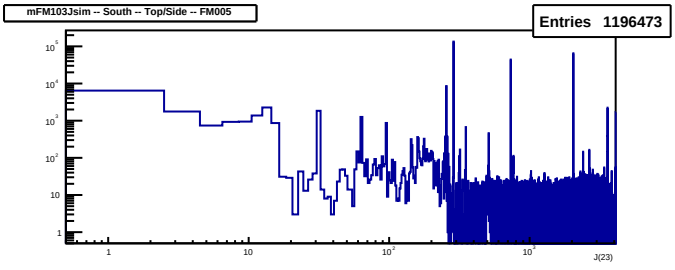

mFM103BS -- South -- Top/Side --FM005
Entries 1.445121e+07
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 4542657
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 3612802
J(23)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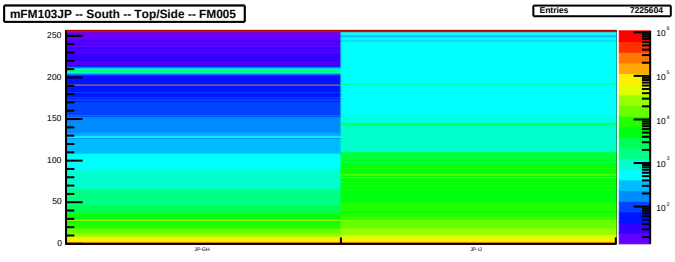
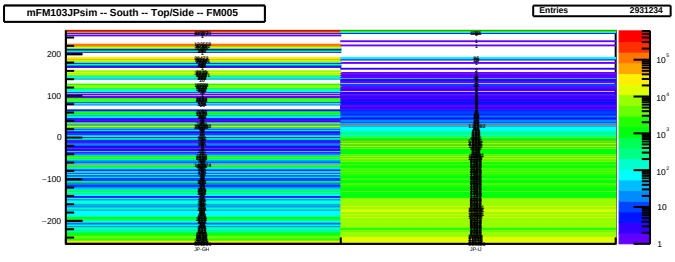
Entries 1196473
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 7225604
JP-GH
JP-IJ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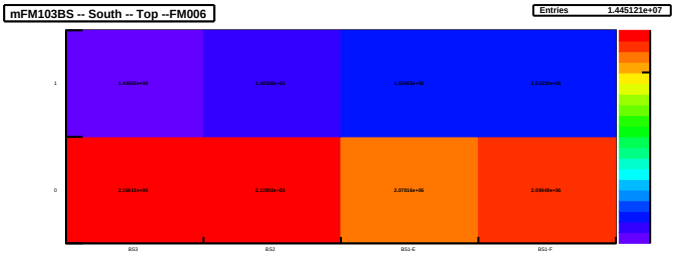
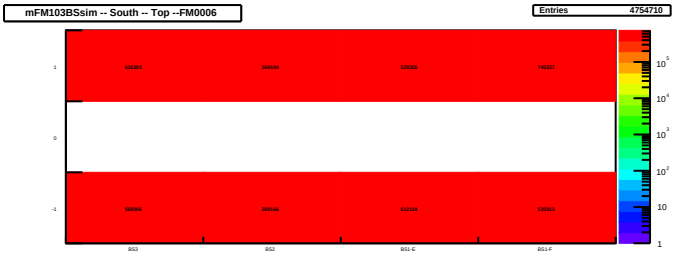
Entries 2931234
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 1.445121e+07
BS3
BS2
BS1-E
BS1-F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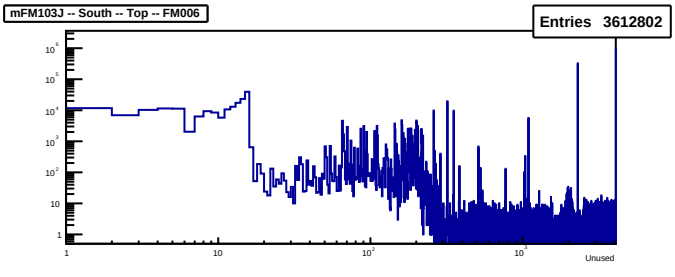
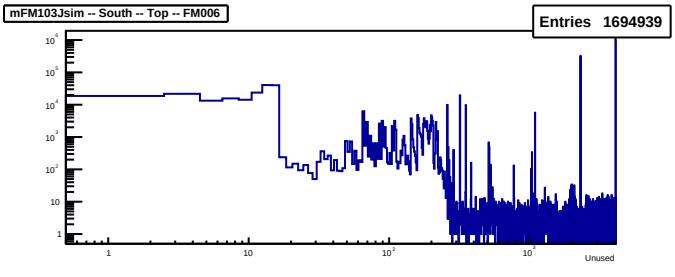
Entries 4754710
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 3612802
Unused


mFM103Jsim -- South -- Top -- FM006
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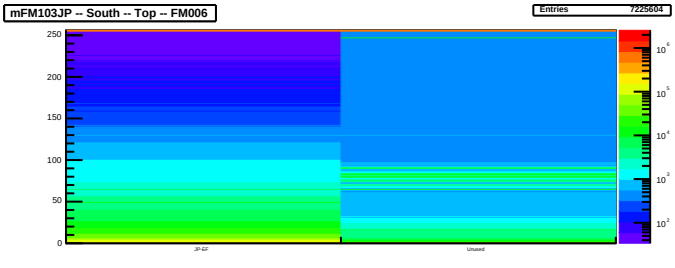
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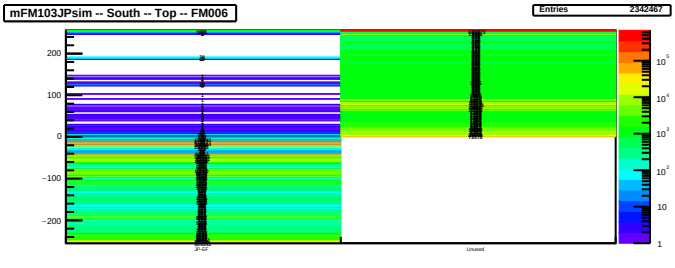
Entries 7225604
JP-EF
Unused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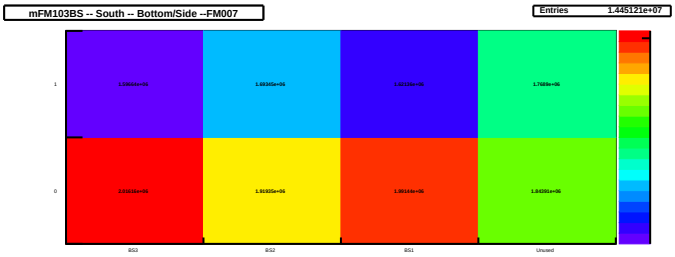
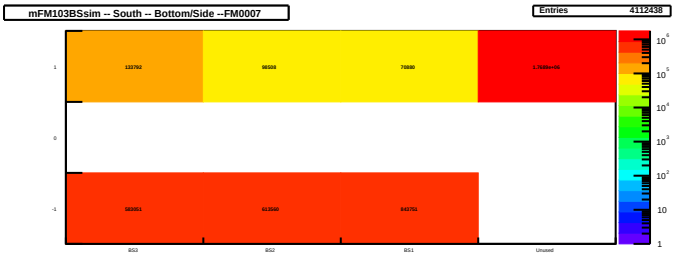
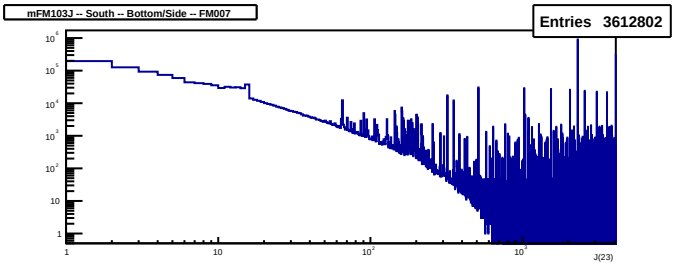
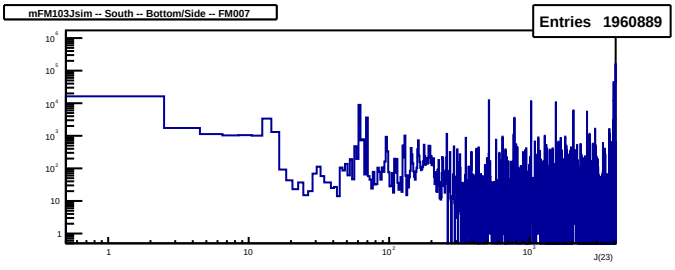
Entries 2342467
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 1.445121e+07


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 4112438


mFM103J -- South -- Bottom/Side -- FM007
Entries 3612802
J(23)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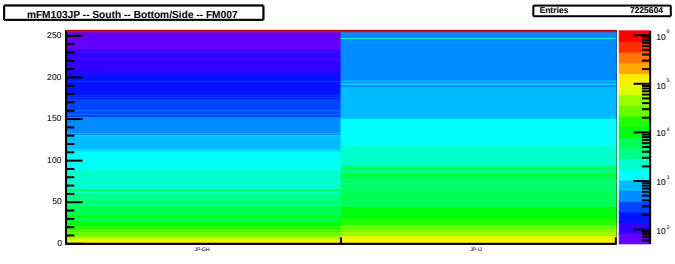
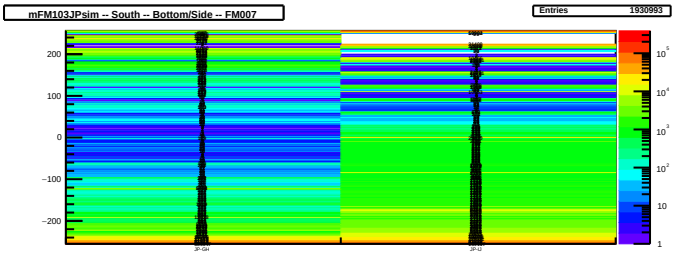
Entries 1960889
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 7225604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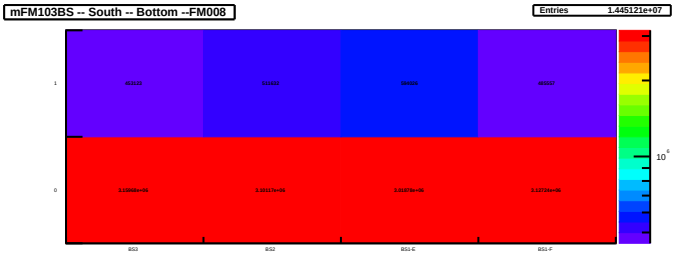
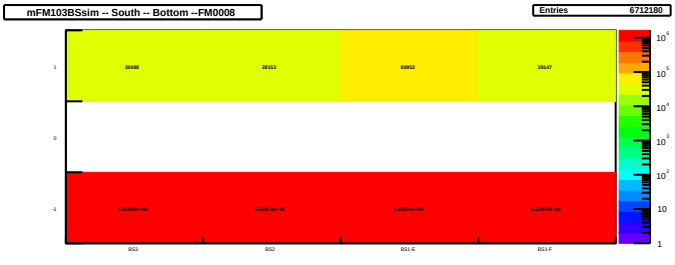
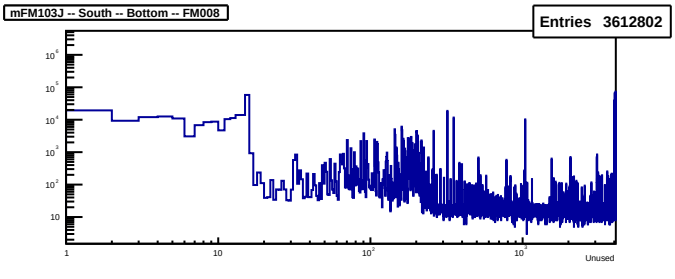
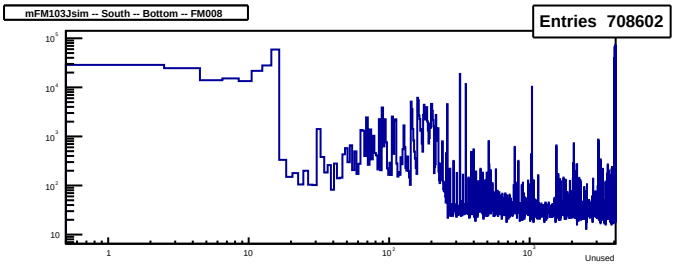
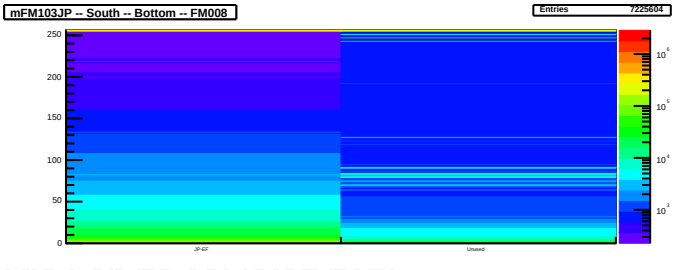
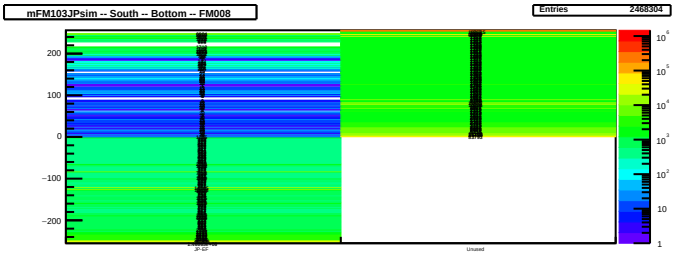

mFM103BS -- South -- Bottom --FM008
Entries 1.445121e+07

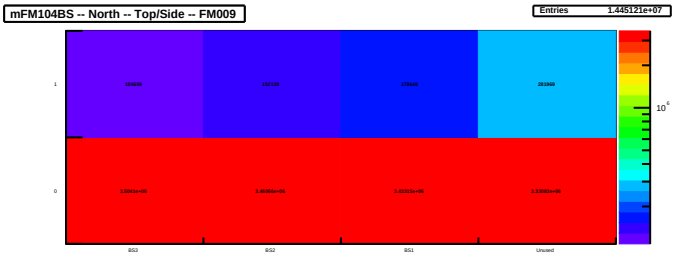

mFM103BSsim -- South -- Bottom --FM0008
Entries 6712180

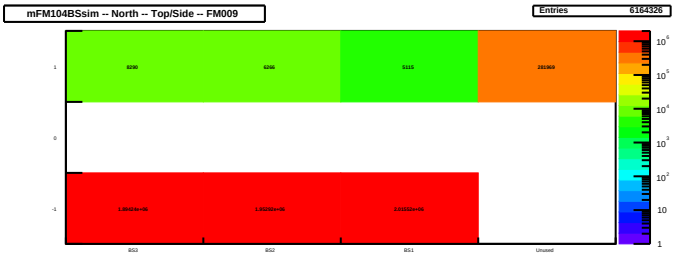

mFM103J -- South -- Bottom -- FM008
Entries 3612802
Unused

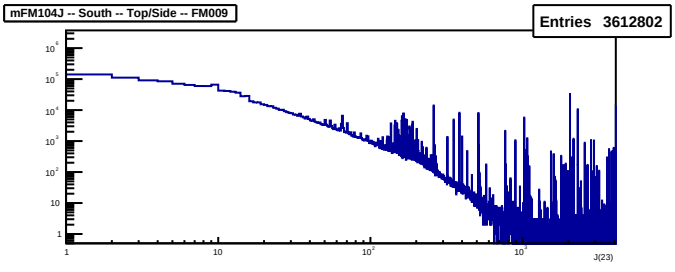

mFM103Jsim -- South -- Bottom -- FM008
Entries 708602
Unused

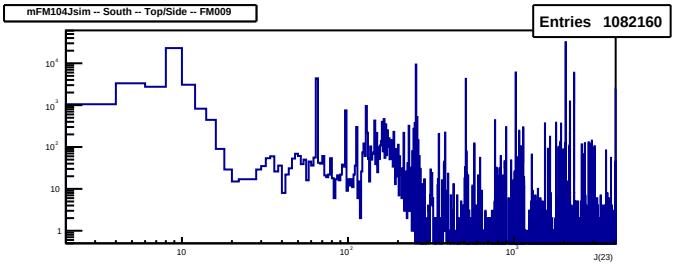

mFM103JP -- South -- Bottom -- FM008
Entries 7225604

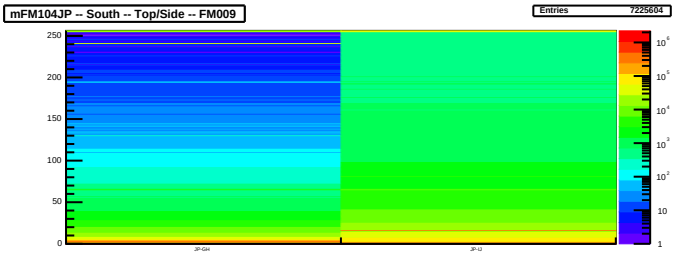

mFM103JPsim -- South -- Bottom -- FM008
Entries 2468304

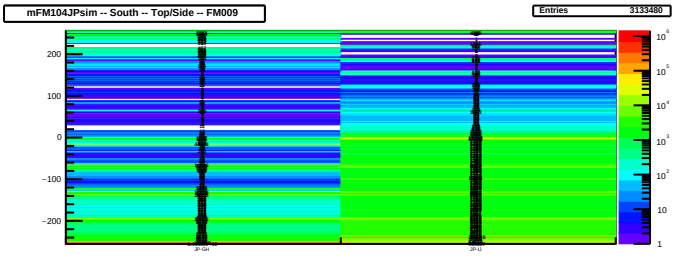

mFM104BS -- North -- Top/Side -- FM009
Entries 1.445121e+07

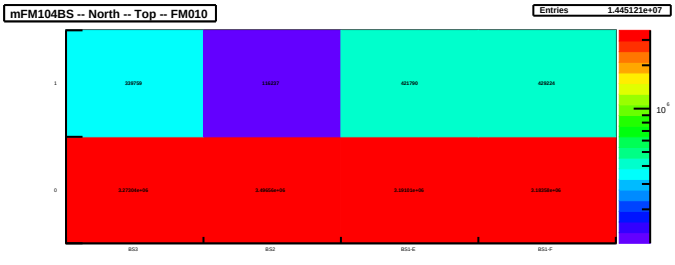

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6164326

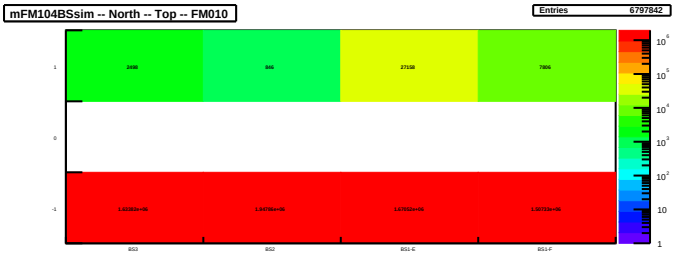

mFM104J -- South -- Top/Side -- FM009
Entries 3612802
J(23)

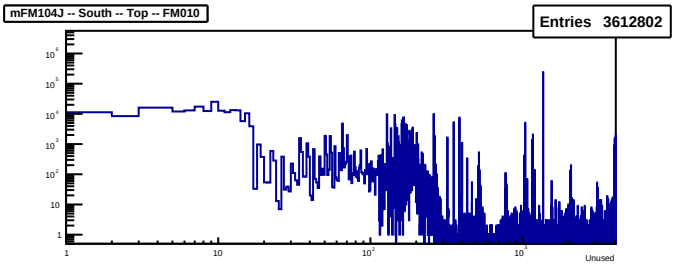

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1082160
J(23)

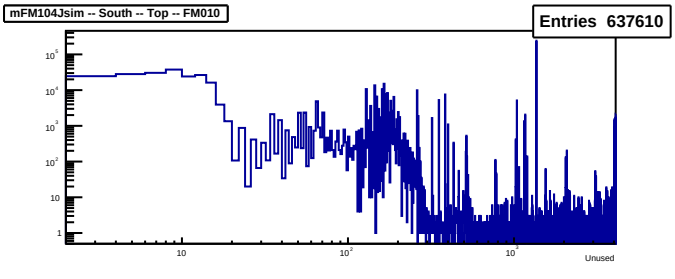

mFM104JP -- South -- Top/Side -- FM009
Entries 7225604

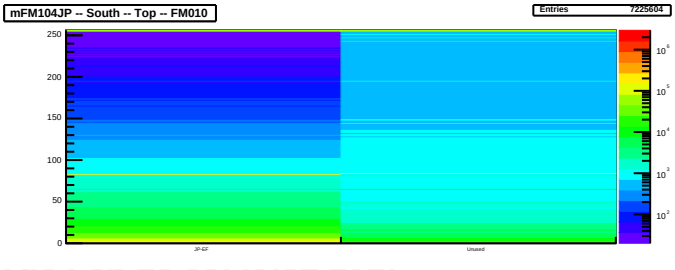

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3133480

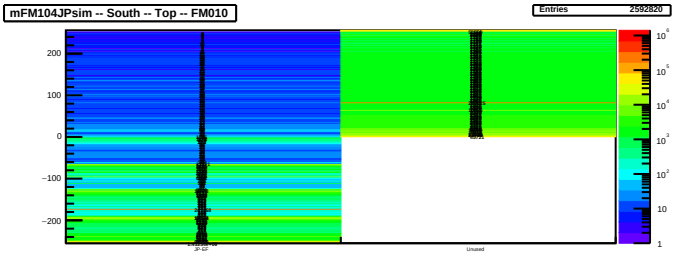

mFM104BS -- North -- Top -- FM010
Entries 1.445121e+07

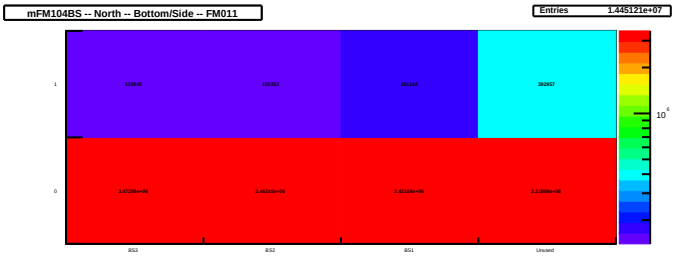

mFM104BSsim -- North -- Top -- FM010
Entries 6797842

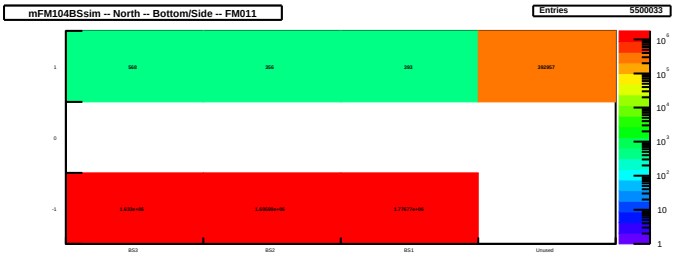

mFM104J -- South -- Top -- FM010
Entries 3612802
Unused

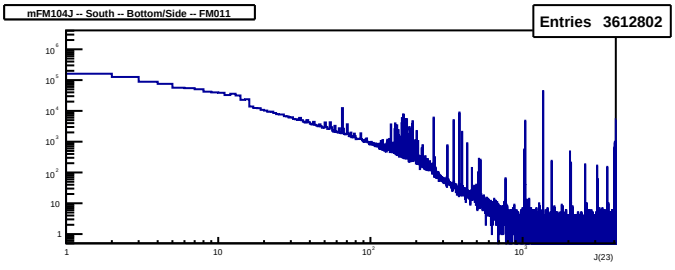

mFM104Jsim -- South -- Top -- FM010
Entries 637610
Unused

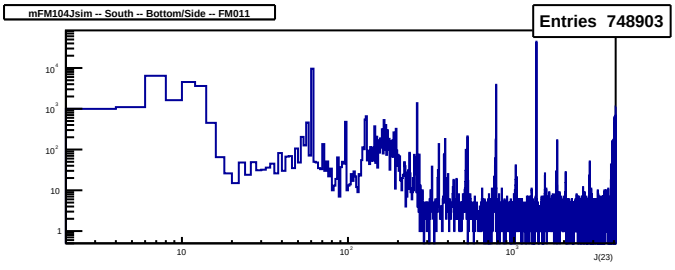

mFM104JP -- South -- Top -- FM010
Entries 7225604

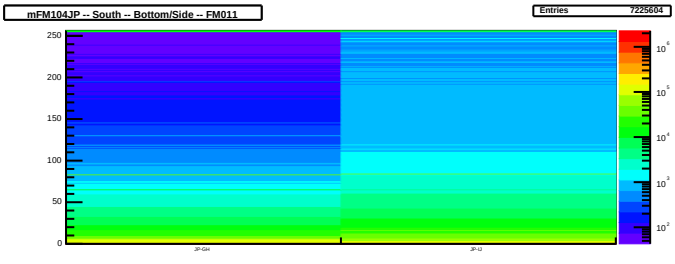

mFM104JPsim -- South -- Top -- FM010
Entries 2592820

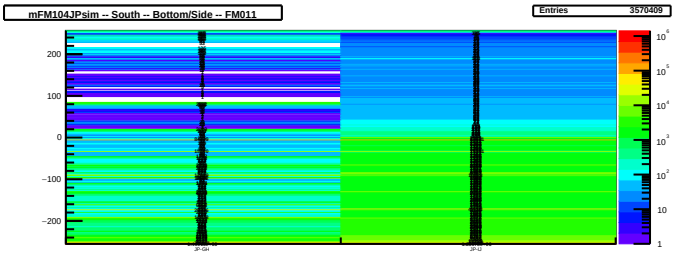

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.445121e+07

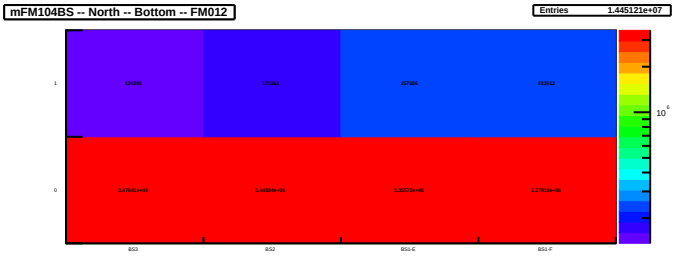

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5500033

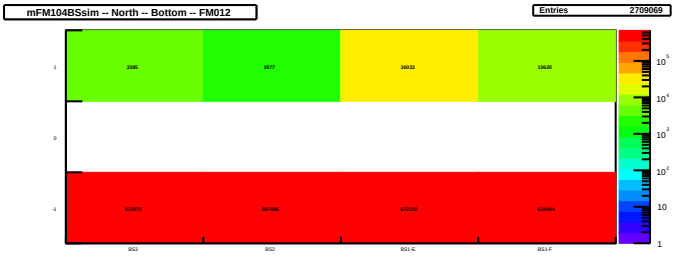

mFM104J -- South -- Bottom/Side -- FM011
Entries 3612802
J(23)

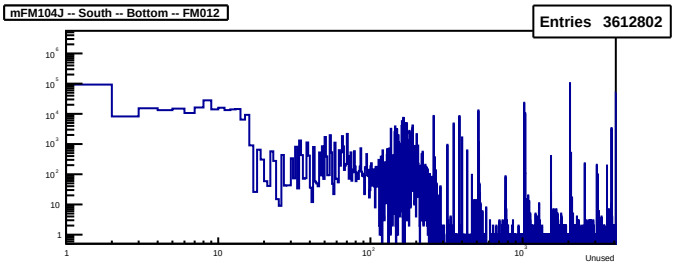

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 748903
J(23)

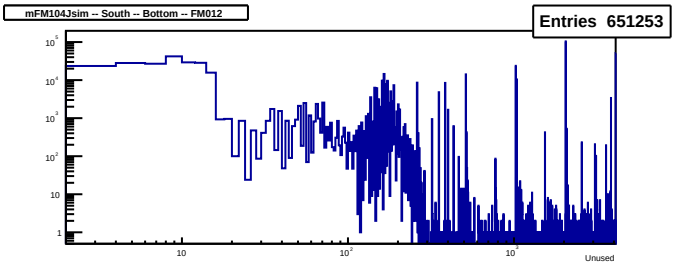

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7225604

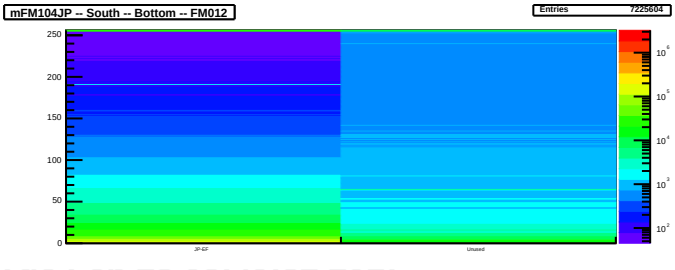

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3570409

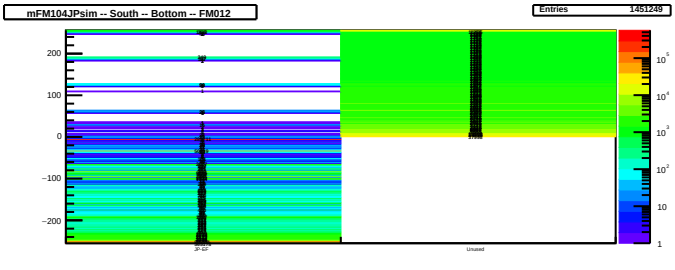

mFM104BS -- North -- Bottom -- FM012
Entries 1.445121e+07

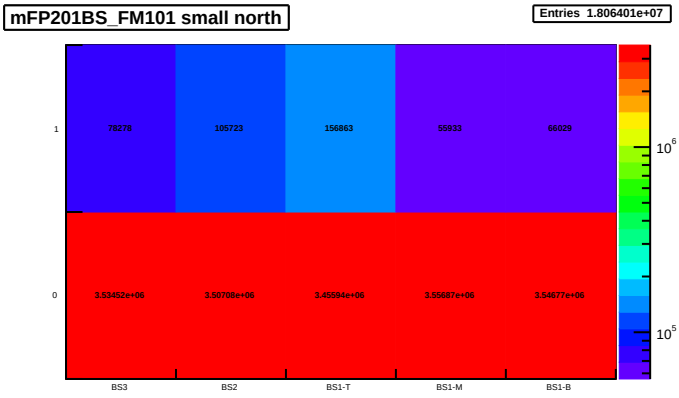

mFM104BSsim -- North -- Bottom -- FM012
Entries 2709069

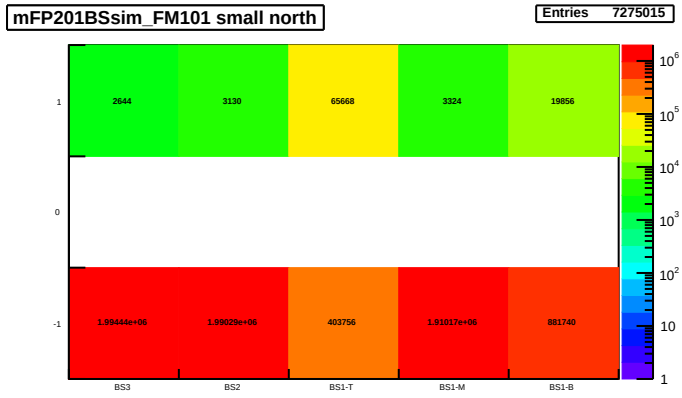

mFM104J -- South -- Bottom -- FM012
Entries 3612802
Unused

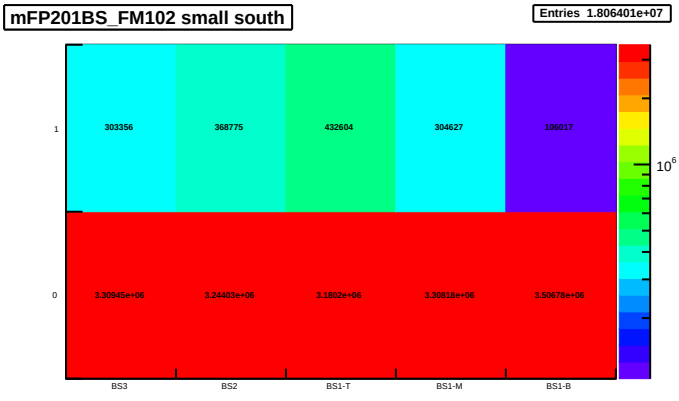

mFM104Jsim -- South -- Bottom -- FM012
Entries 651253
Unused

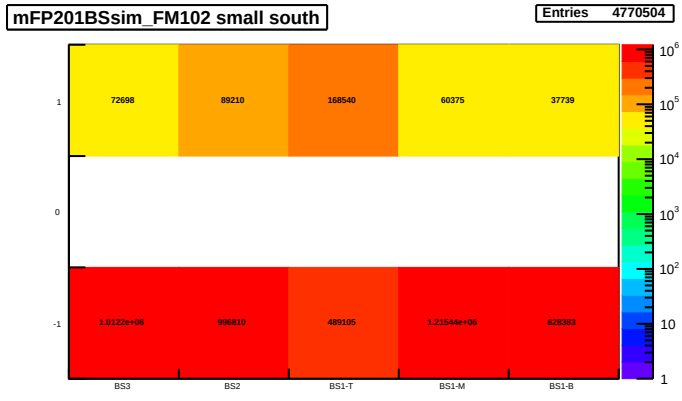

mFM104JP -- South -- Bottom -- FM012
Entries 7225604

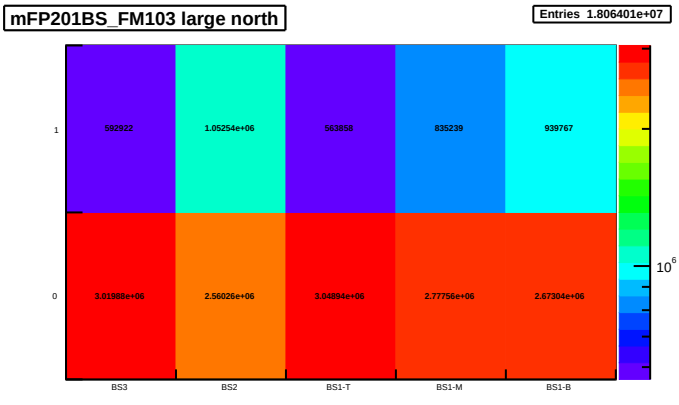

mFM104JPsim -- South -- Bottom -- FM012
Entries 1451249

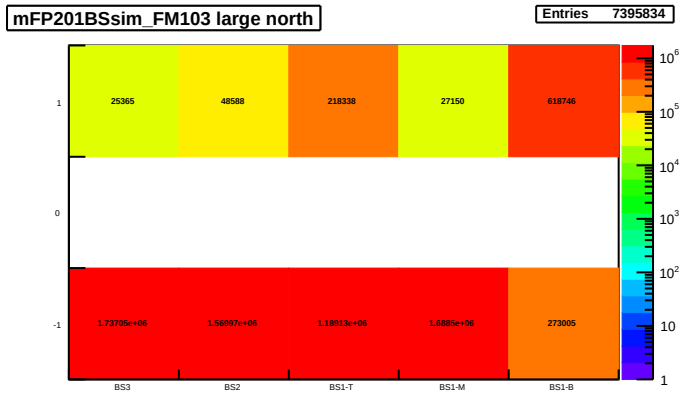

mFP201BS_FM101 small north
Entries 1.806401e+07
1
0
78278
105723
156863
55933
66029
3.53452e+06
3.50708e+06
3.45594e+06
3.55687e+06
3.54677e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$

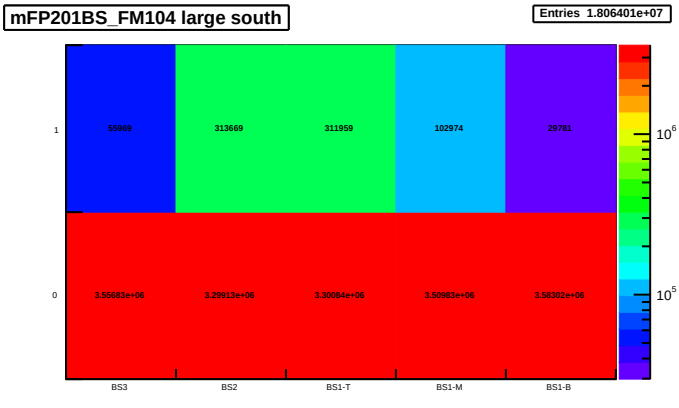

mFP201BSsim_FM101 small north
Entries 7275015
1
0
-1
2644
3130
65668
3324
19856
1.99444e+06
1.99029e+06
403756
1.91017e+06
881740
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

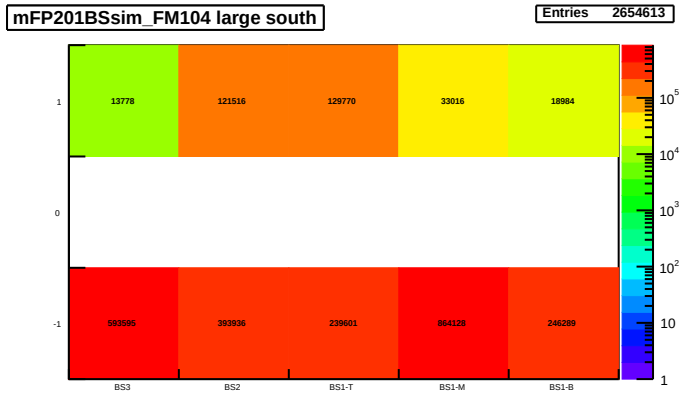

mFP201BS_FM102 small south
Entries 1.806401e+07
1
0
303356
368775
432604
304627
106017
3.30945e+06
3.24403e+06
3.1802e+06
3.30818e+06
3.50678e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$

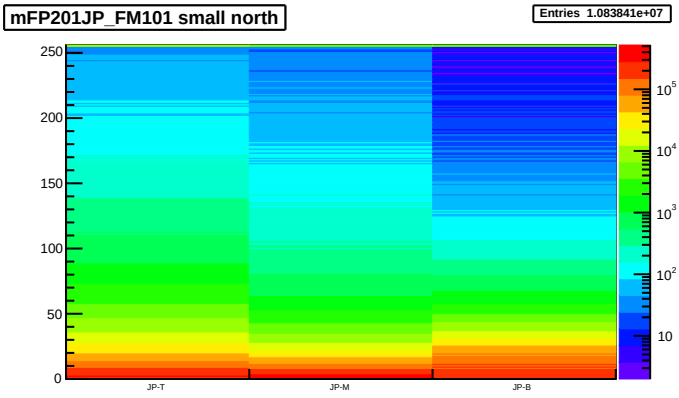

mFP201BSsim_FM102 small south
Entries 4770504
1
0
-1
72698
89210
168540
60375
37739
1.0122e+06
996810
489105
1.21544e+06
628383
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

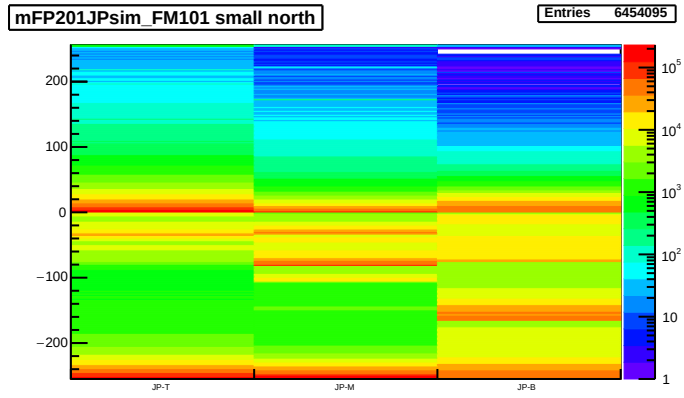

mFP201BS_FM103 large north
Entries 1.806401e+07
1
0
592922
1.05254e+06
563858
835239
939767
3.01988e+06
2.56026e+06
3.04894e+06
2.77756e+06
2.67304e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$

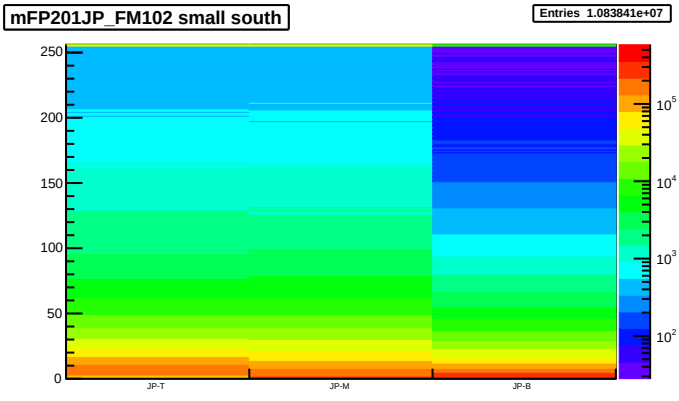

mFP201BSsim_FM103 large north
Entries 7395834
1
0
-1
25365
48588
218338
27150
618746
1.73705e+06
1.56997e+06
1.18913e+06
1.6885e+06
273005
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

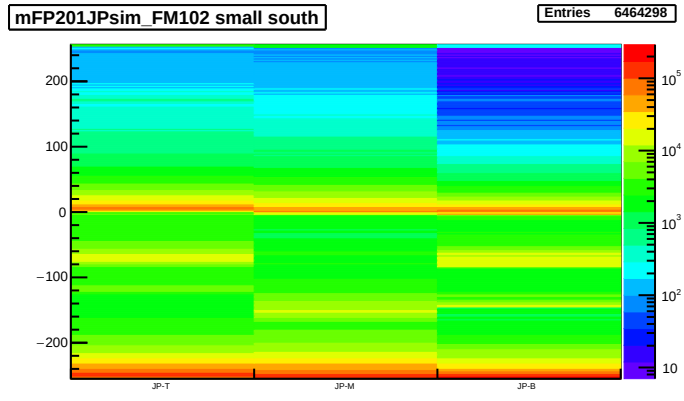

mFP201BS_FM104 large south
Entries 1.806401e+07
1
0
55969
313669
311959
102974
29781
3.55683e+06
3.29913e+06
3.30084e+06
3.50983e+06
3.58302e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$

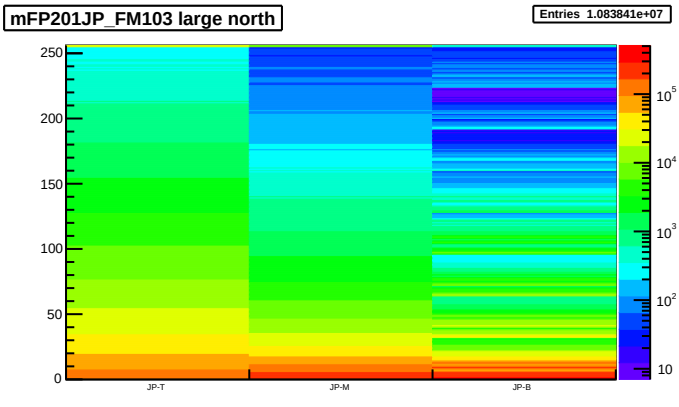

mFP201BSsim_FM104 large south
Entries 2654613
1
0
-1
13778
121516
129770
33016
18984
593595
393936
239601
864128
246289
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

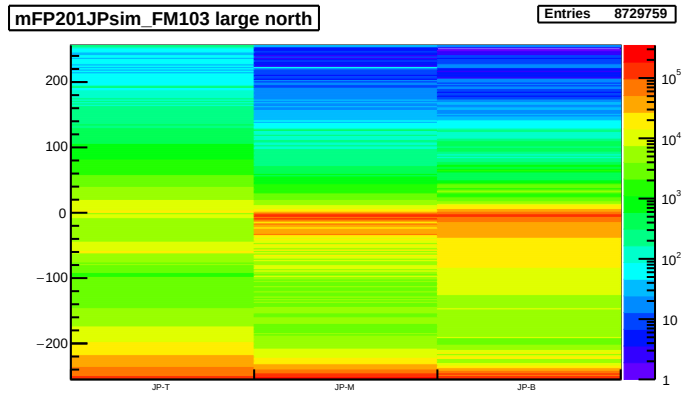

mFP201JP_FM101 small north
Entries 1.083841e+07
JP-T
JP-M
JP-B

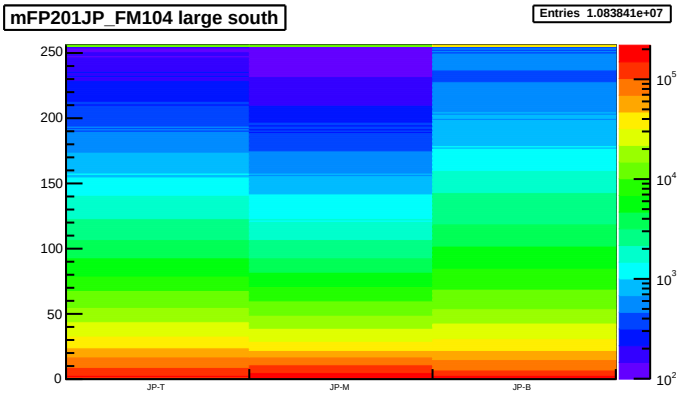

mFP201JPsim_FM101 small north
Entries 6454095
JP-T
JP-M
JP-B

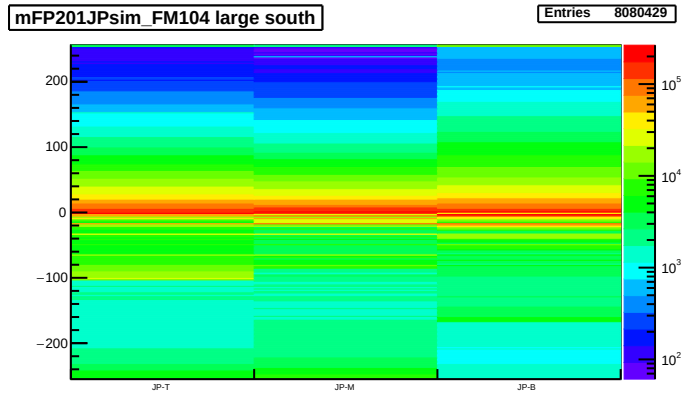

mFP201JP_FM102 small south
Entries 1.083841e+07
JP-T
JP-M
JP-B

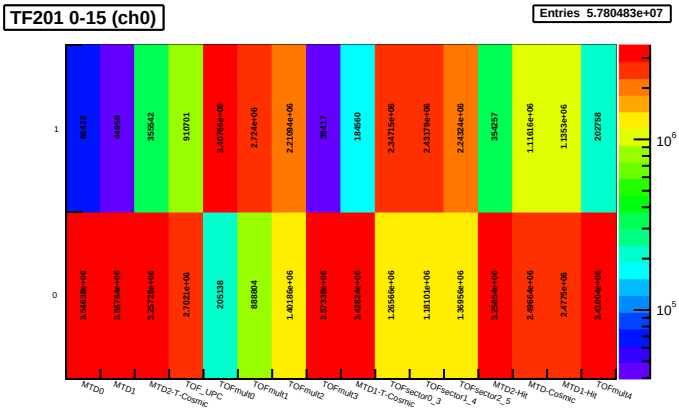

mFP201JPsim_FM102 small south
Entries 6464298
JP-T
JP-M
JP-B

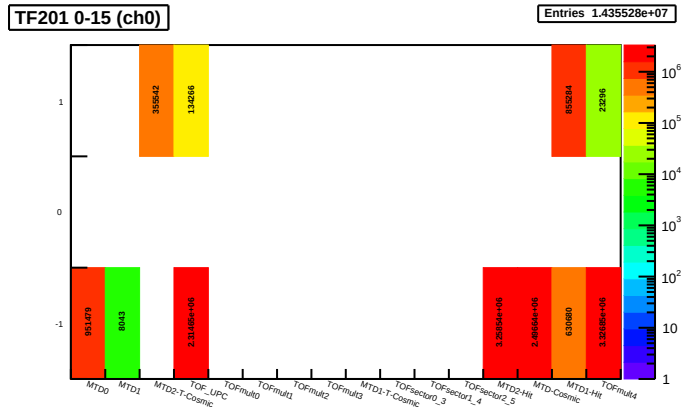

mFP201JP_FM103 large north
Entries 1.083841e+07
JP-T
JP-M
JP-B

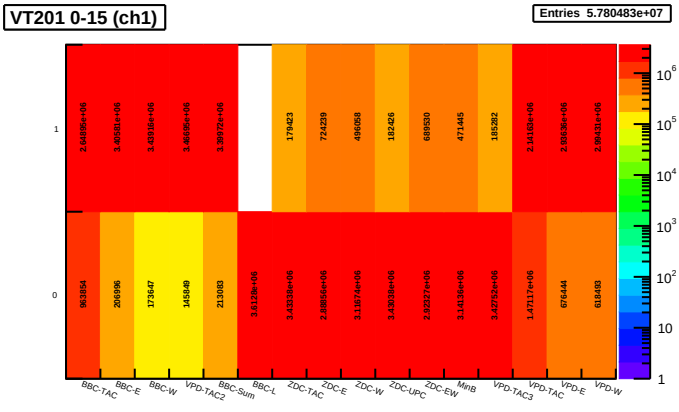

mFP201JPsim_FM103 large north
Entries 8729759
JP-T
JP-M
JP-B

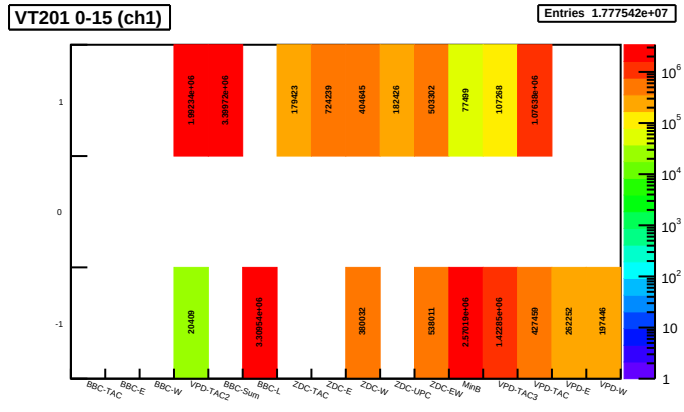

mFP201JP_FM104 large south
Entries 1.083841e+07
JP-T
JP-M
JP-B

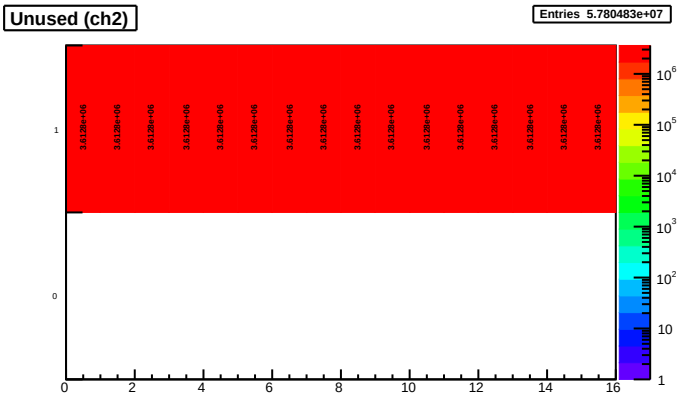

mFP201JPsim_FM104 large south
Entries 8080429
JP-T
JP-M
JP-B

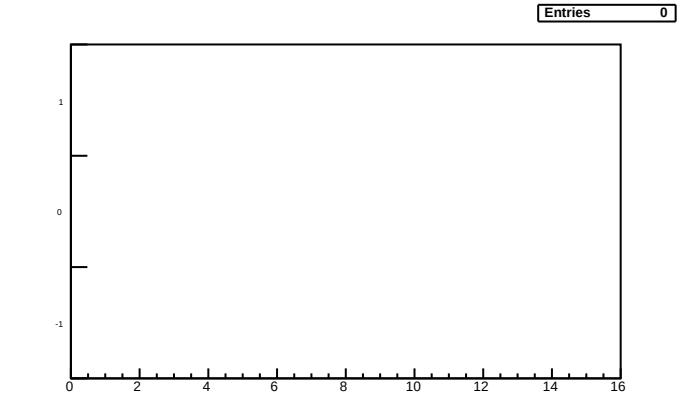

TF201 0-15 (ch0)
Entries 5.780483e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

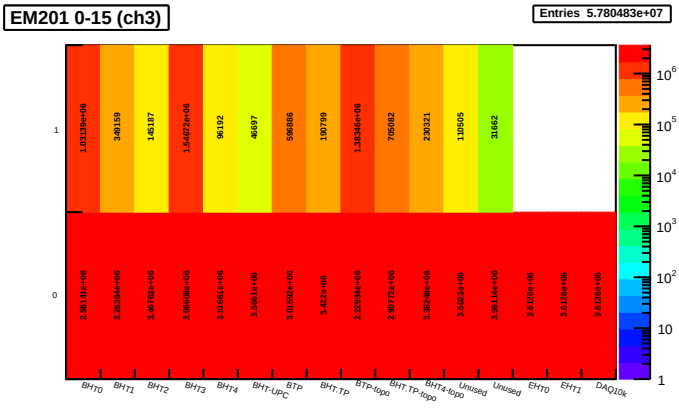

TF201 0-15 (ch0)
Entries 1.435528e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

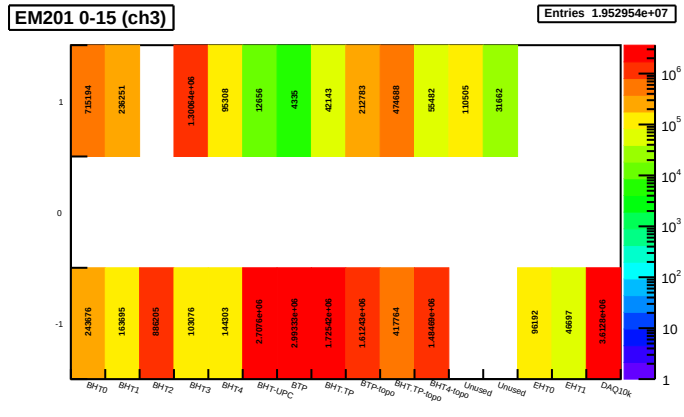

VT201 0-15 (ch1)
Entries 5.780483e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

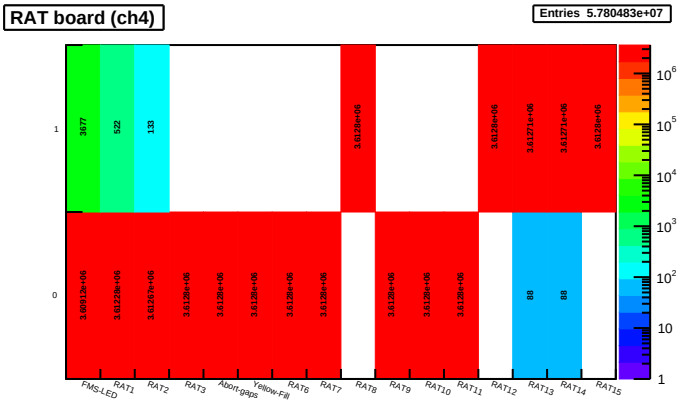

VT201 0-15 (ch1)
Entries 1.777542e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

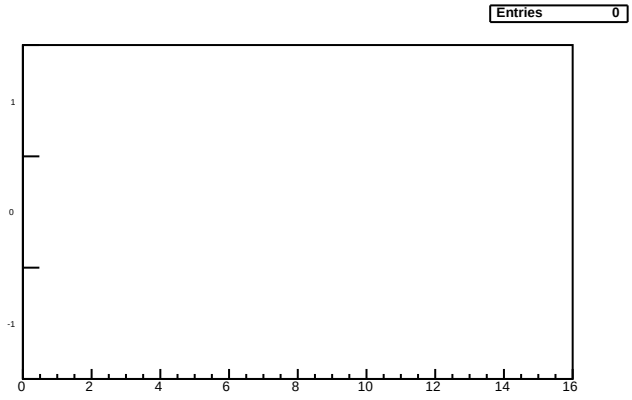

Unused (ch2)
Entries 5.780483e+07

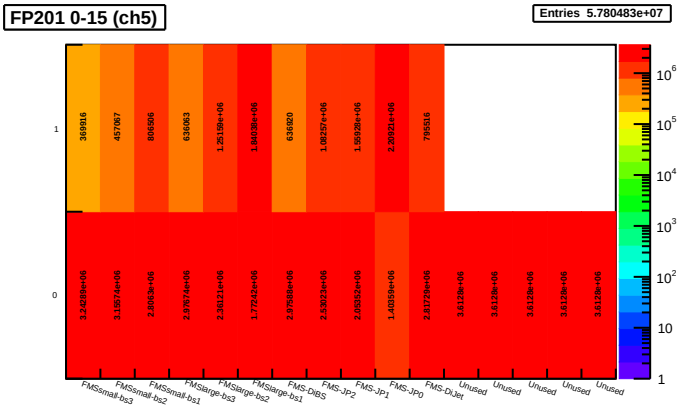

Entries 0

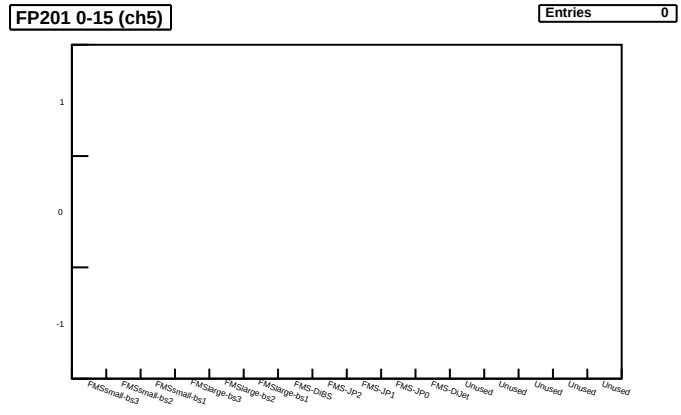

EM201 0-15 (ch3)
Entries 5.780483e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

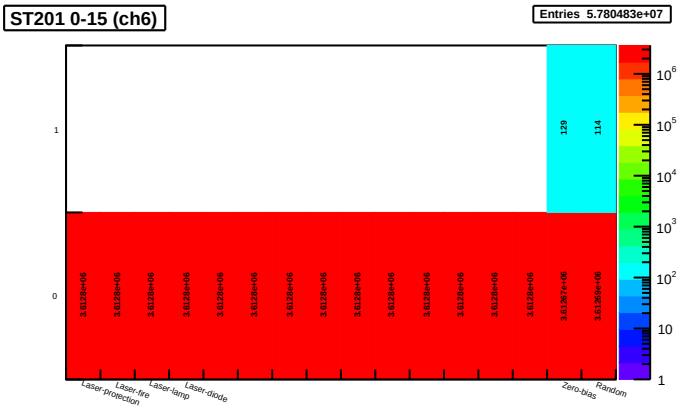

EM201 0-15 (ch3)
Entries 1.952954e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

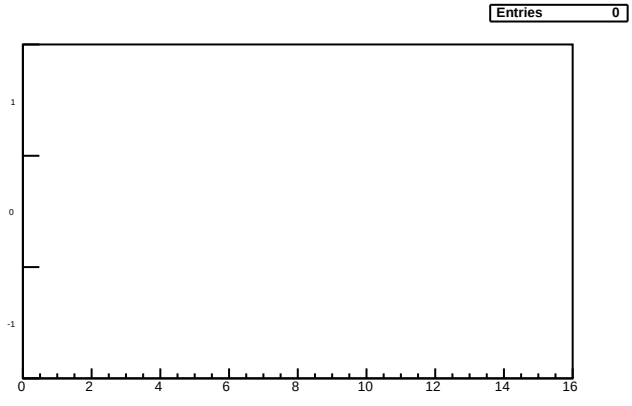

RAT board (ch4)
Entries 5.780483e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

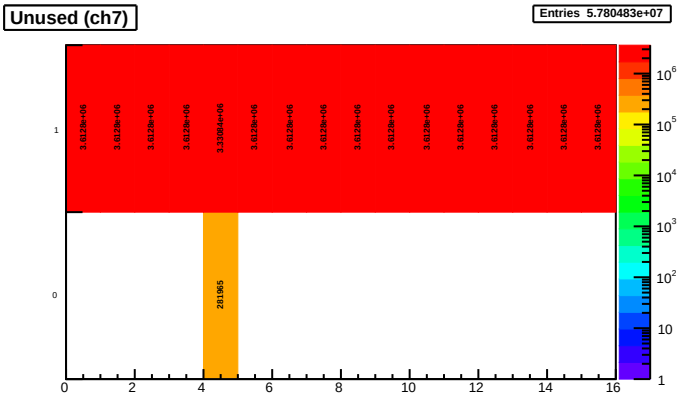

Entries 0

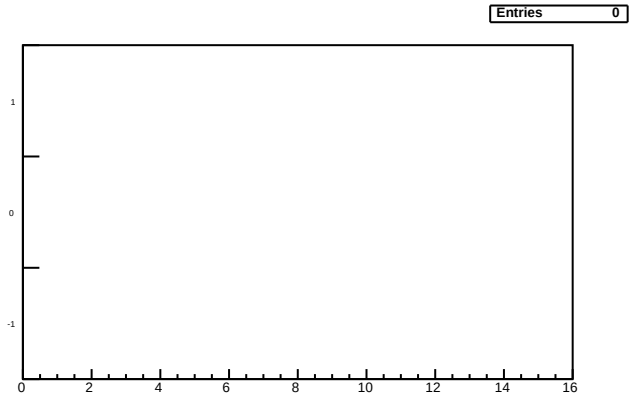

FP201 0-15 (ch5)
Entries 5.780483e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 5.780483e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 5.780483e+07


Entries 0