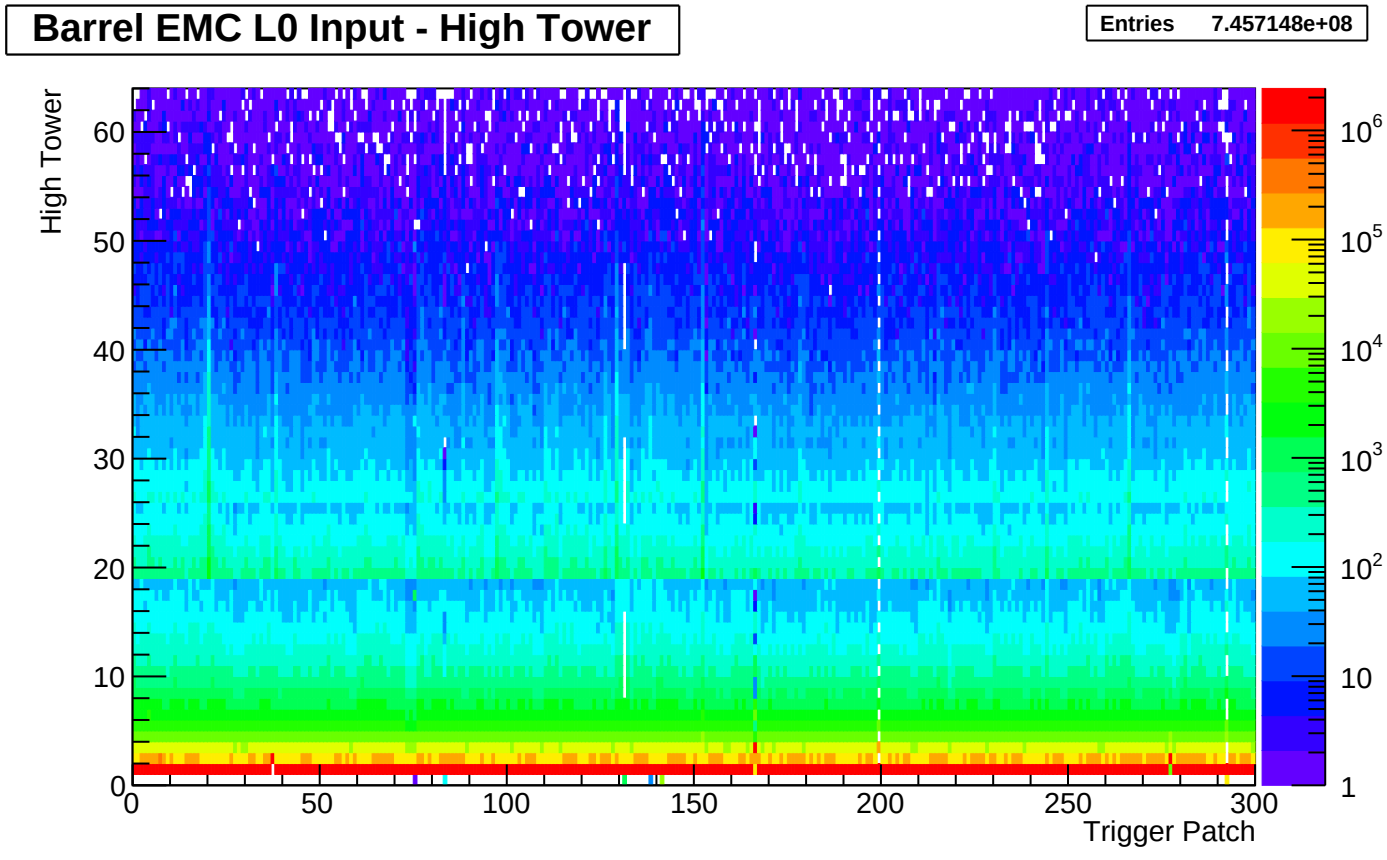
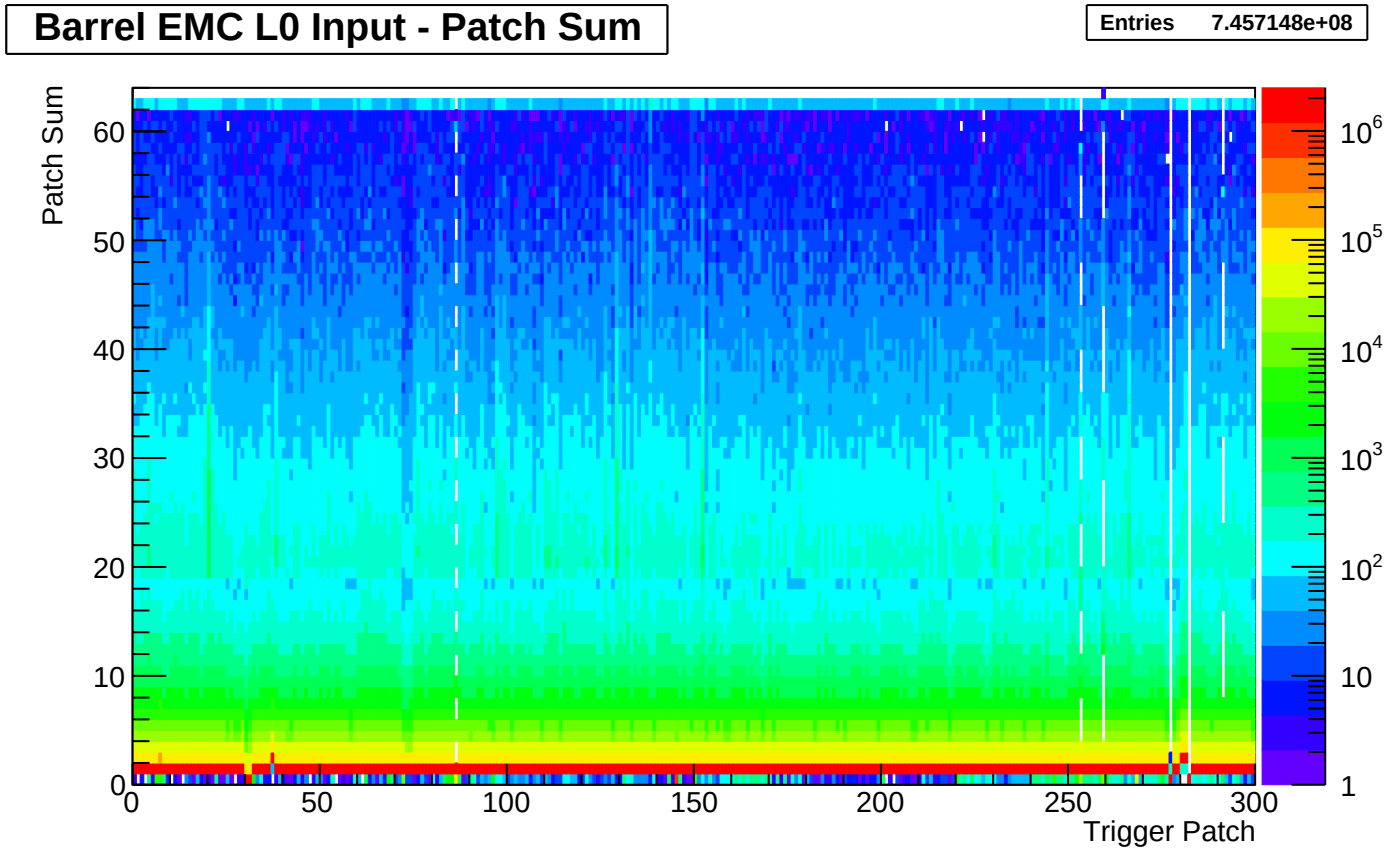
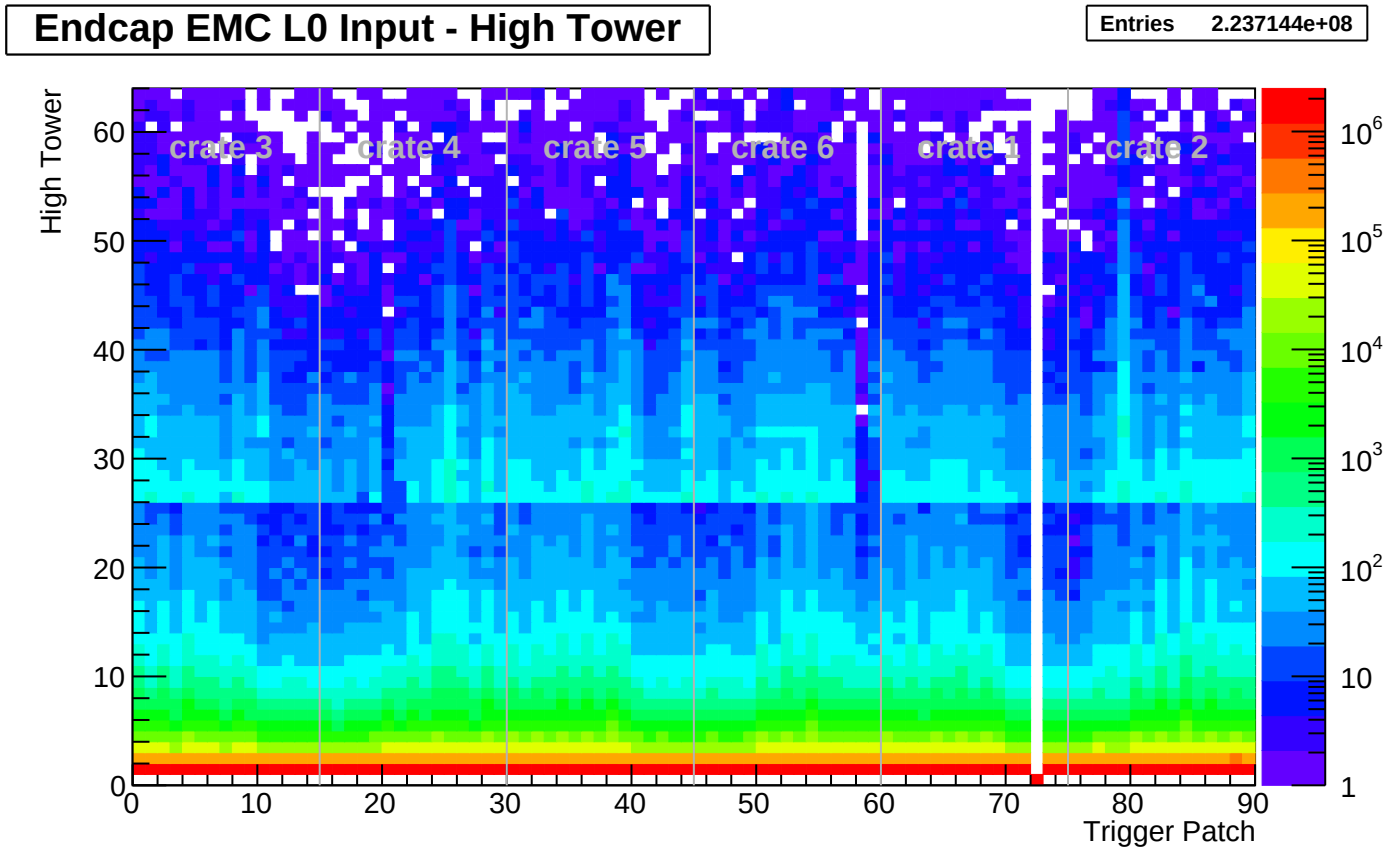
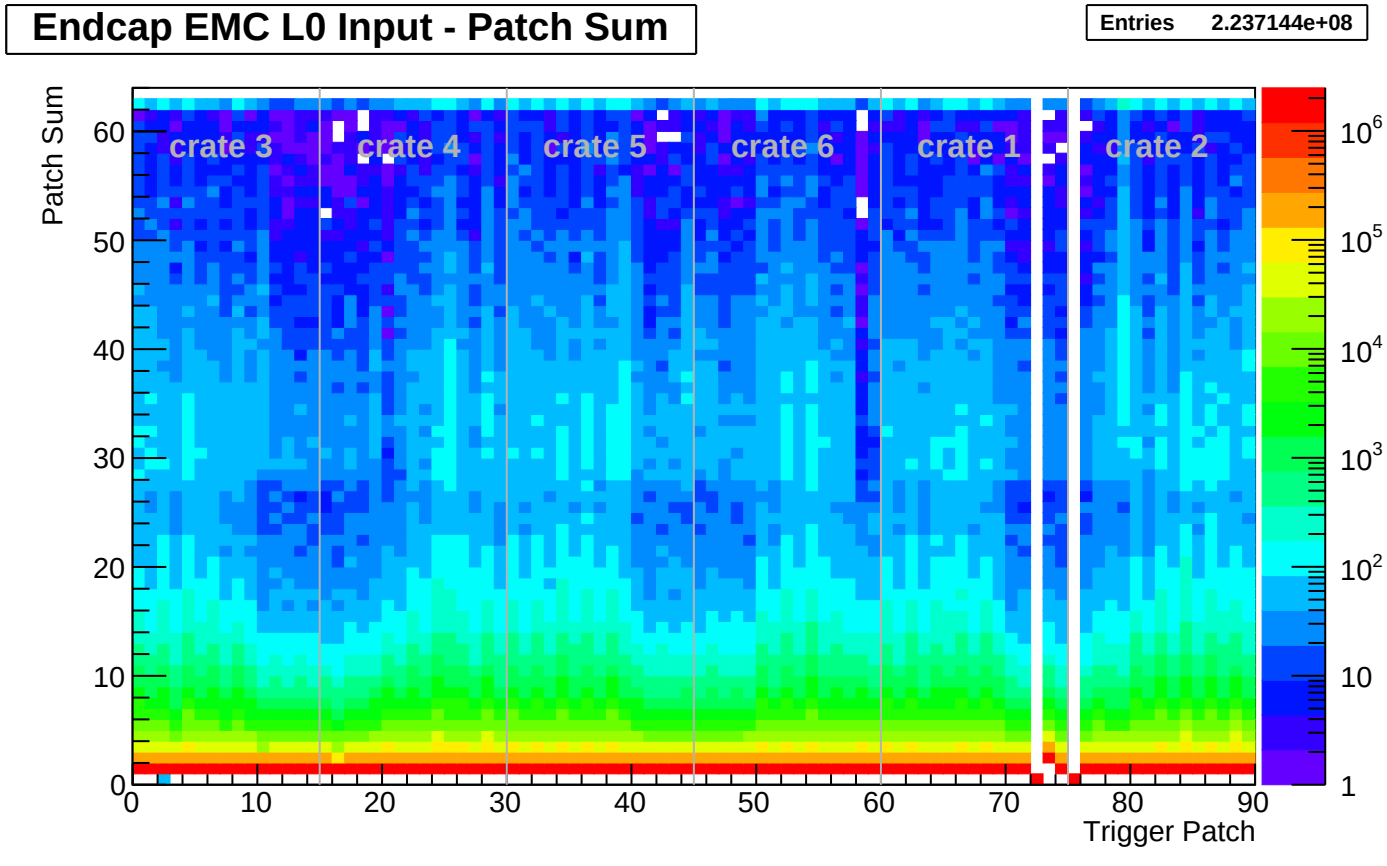
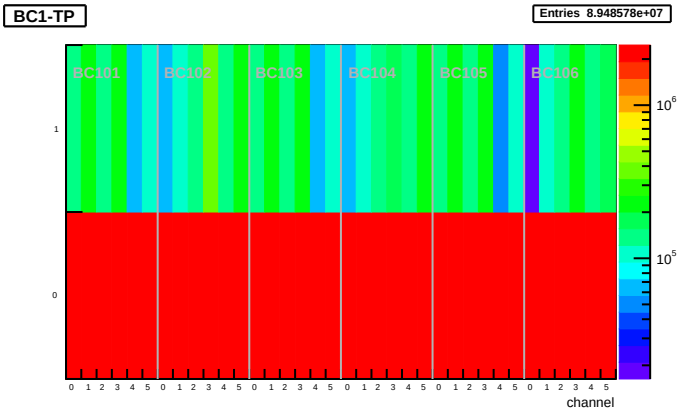
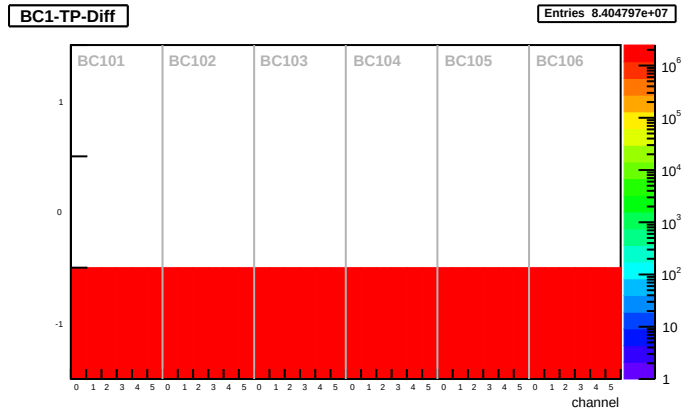

Barrel EMC L0 Input - High Tower
Entries 7.457148e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

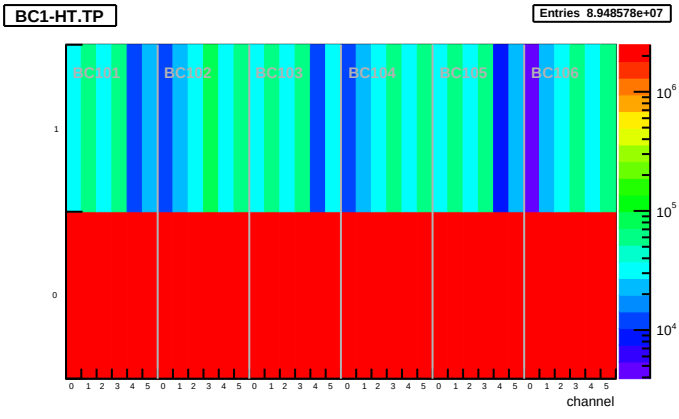

Barrel EMC L0 Input - Patch Sum
Entries 7.457148e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

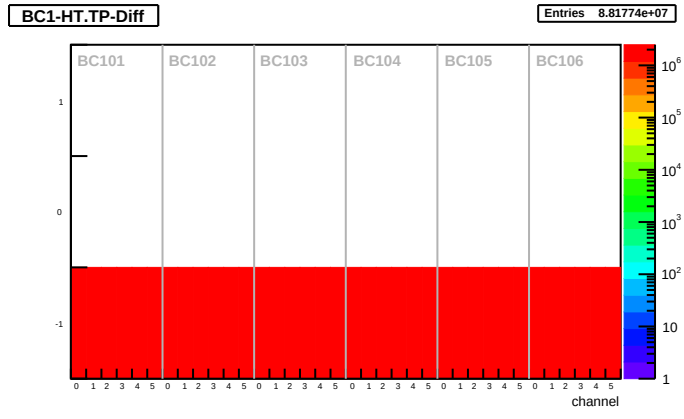

Endcap EMC L0 Input - High Tower
Entries 2.237144e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

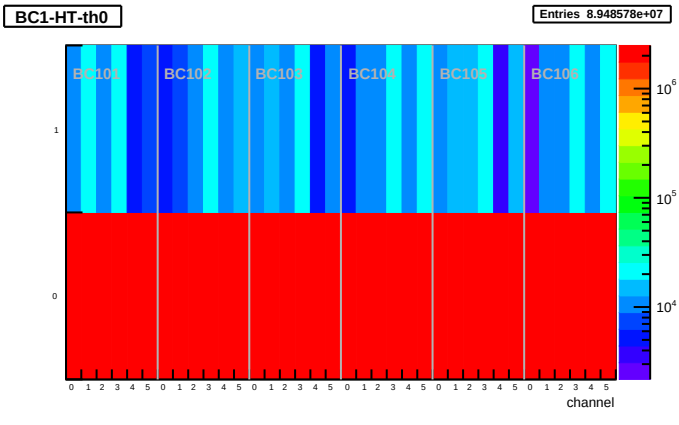

Endcap EMC L0 Input - Patch Sum
Entries 2.237144e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

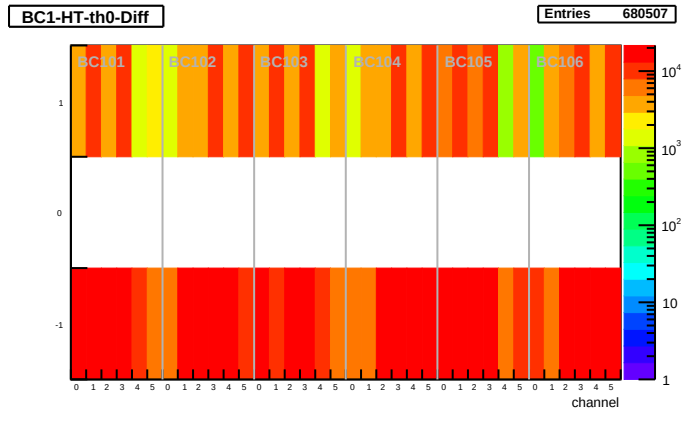

BC1-TP
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

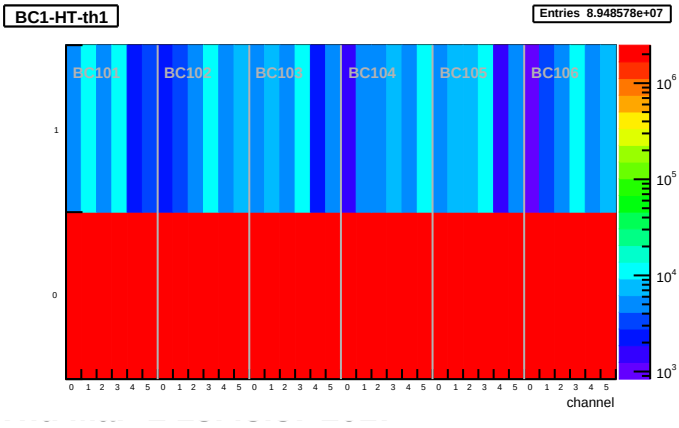

BC1-TP-Diff
Entries 8.404797e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

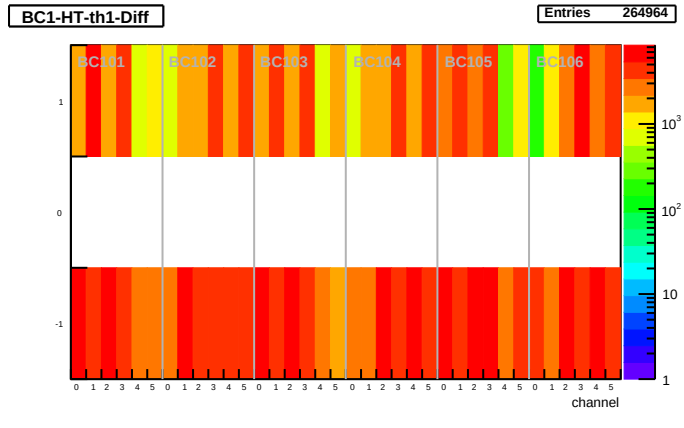

BC1-HT.TP
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

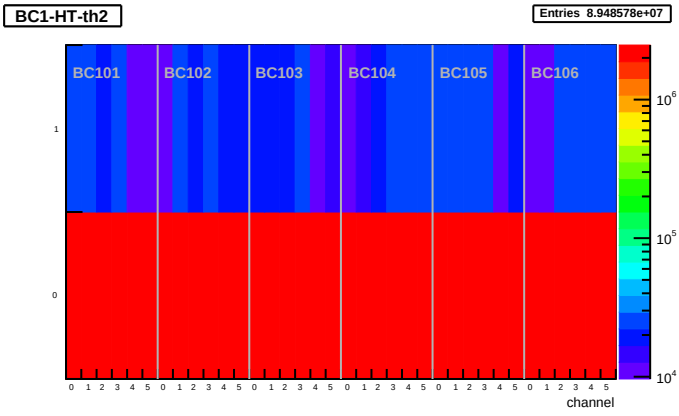

BC1-HT.TP-Diff
Entries 8.81774e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

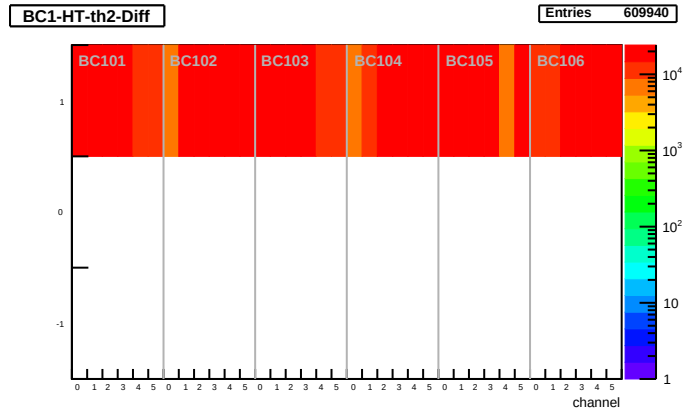

BC1-HT-th0
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

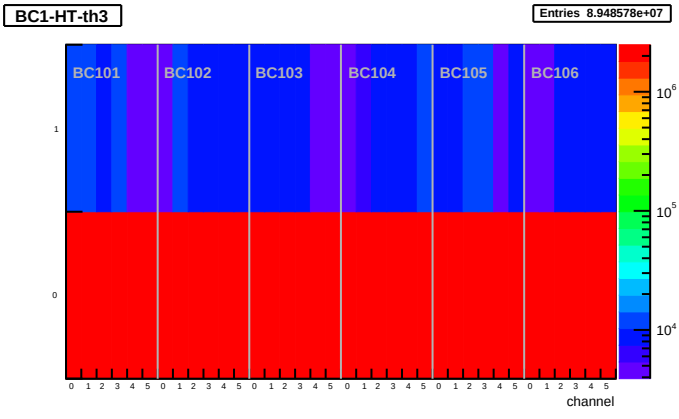

BC1-HT-th0-Diff
Entries 680507
BC101
BC102
BC103
BC104
BC105
BC106
channel

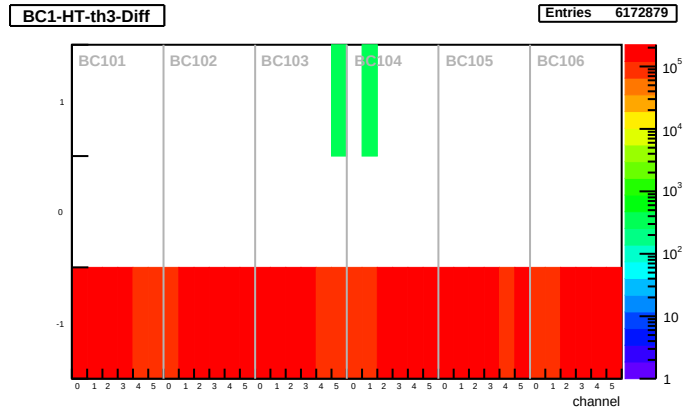

BC1-HT-th1
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

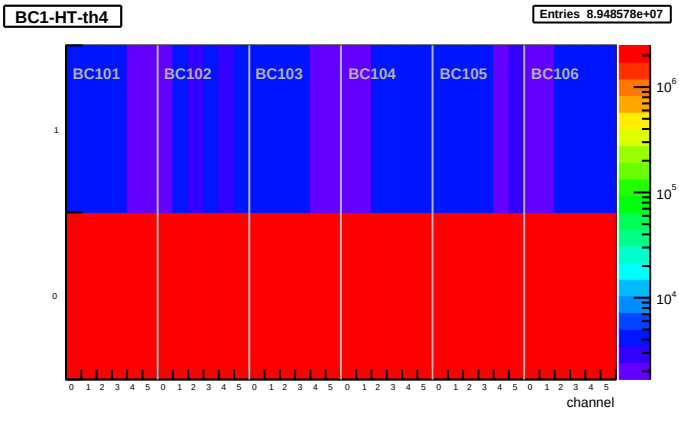

BC1-HT-th1-Diff
Entries 264964
BC101
BC102
BC103
BC104
BC105
BC106
channel

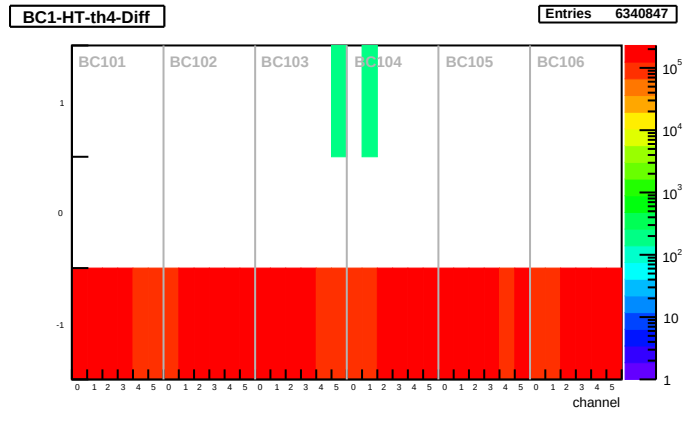

BC1-HT-th2
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

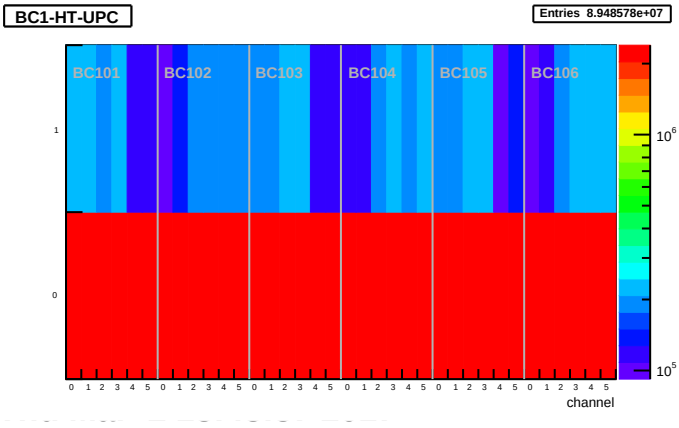

BC1-HT-th2-Diff
Entries 609940
BC101
BC102
BC103
BC104
BC105
BC106
channel

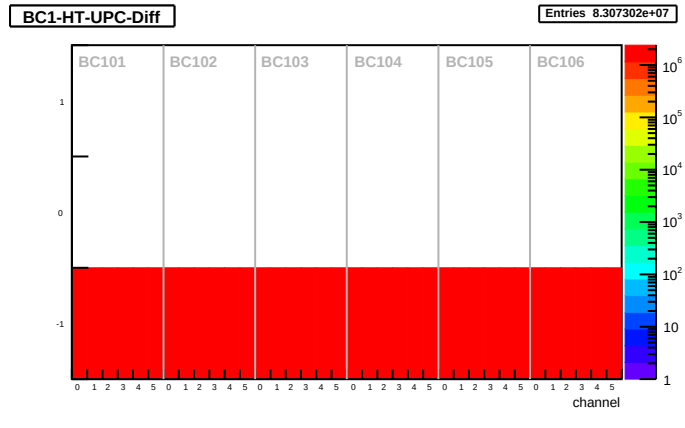

BC1-HT-th3
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

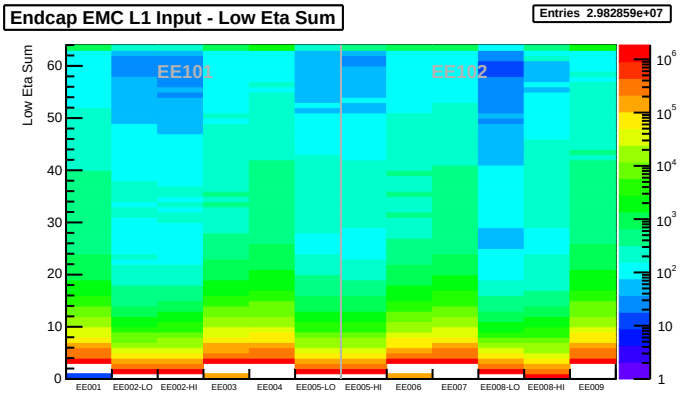

BC1-HT-th3-Diff
Entries 6172879
BC101
BC102
BC103
BC104
BC105
BC106
channel

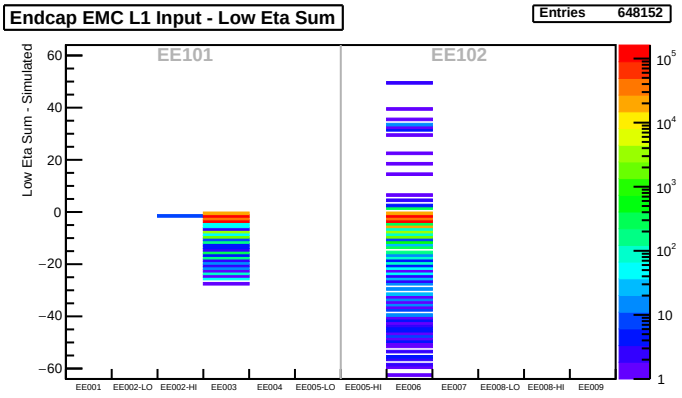

BC1-HT-th4
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

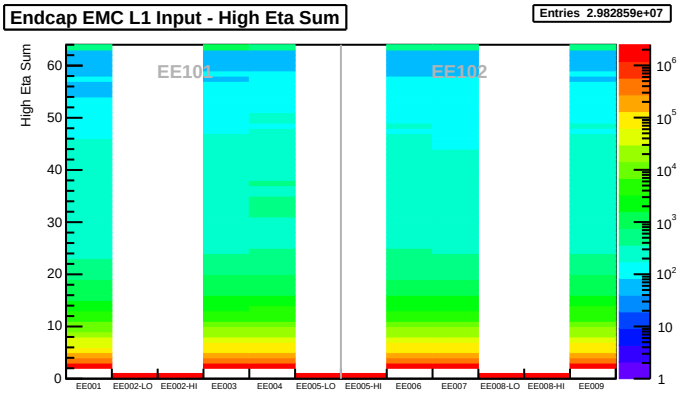

BC1-HT-th4-Diff
Entries 6340847
BC101
BC102
BC103
BC104
BC105
BC106
channel

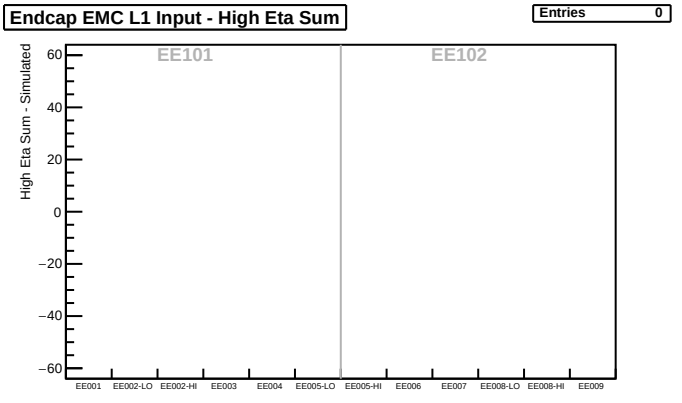

BC1-HT-UPC
Entries 8.948578e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

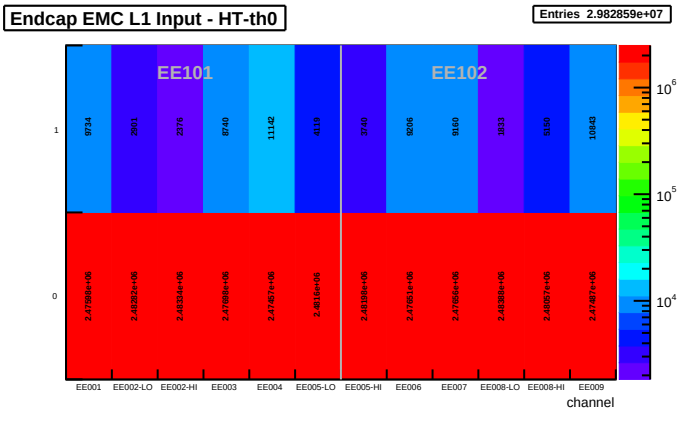

BC1-HT-UPC-Diff
Entries 8.307302e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

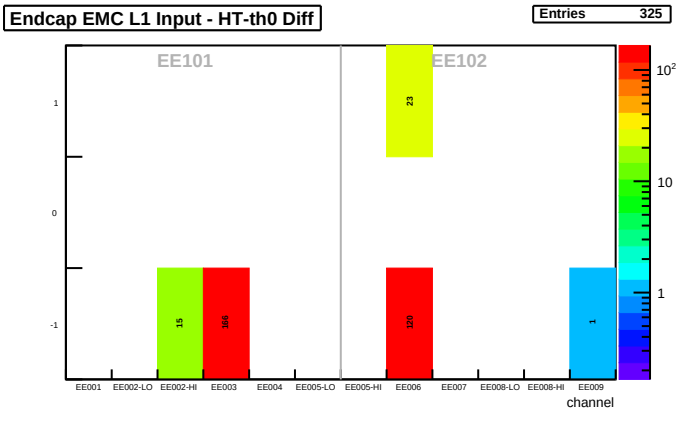

Endcap EMC L1 Input - Low Eta Sum
Entries 2.982859e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

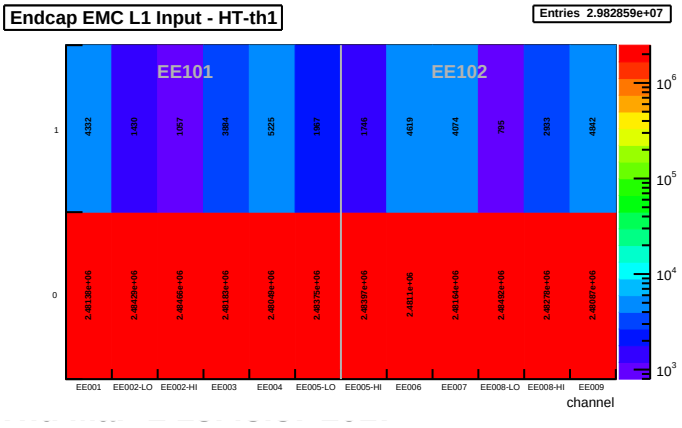

Endcap EMC L1 Input - Low Eta Sum
Entries 648152
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

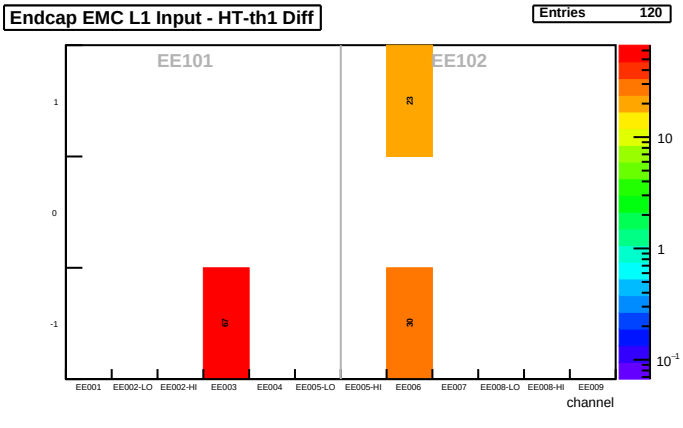

Endcap EMC L1 Input - High Eta Sum
Entries 2.982859e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

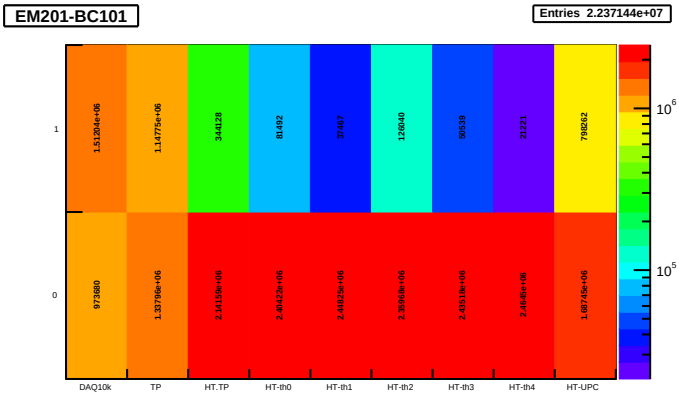

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

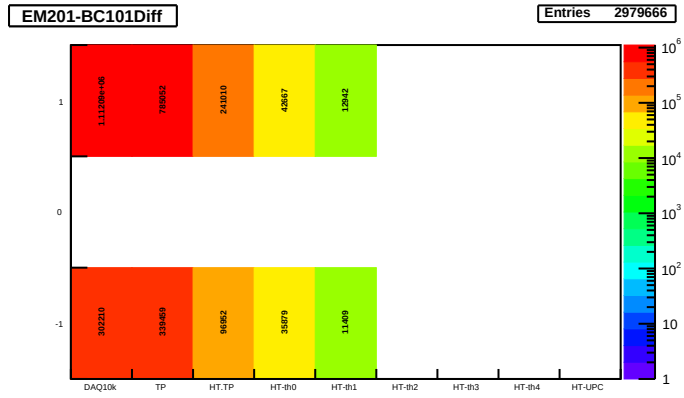

Endcap EMC L1 Input - HT-th0
Entries 2.982859e+07
EE101
EE102
9734 2901 2276 8740 11142 4119 3740 9206 9160 1833 5150 10943
2.47988e+06 2.43232e+06 2.40334e+06 2.47698e+06 2.47457e+06 2.4815e+06 2.40198e+06 2.47651e+06 2.47655e+06 2.40388e+06 2.40957e+06 2.47487e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

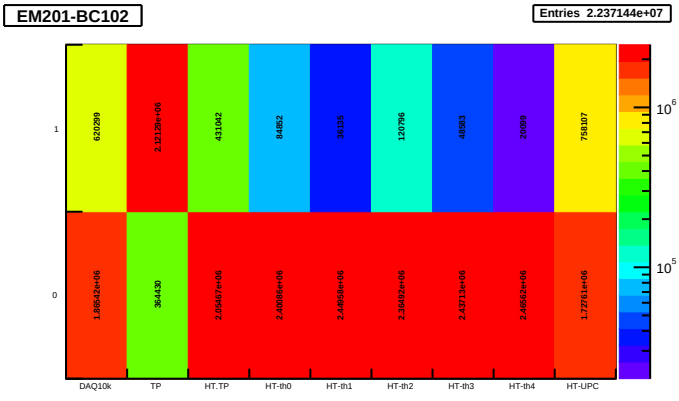

Endcap EMC L1 Input - HT-th0 Diff
Entries 325
EE101
EE102
23
15 166 120 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

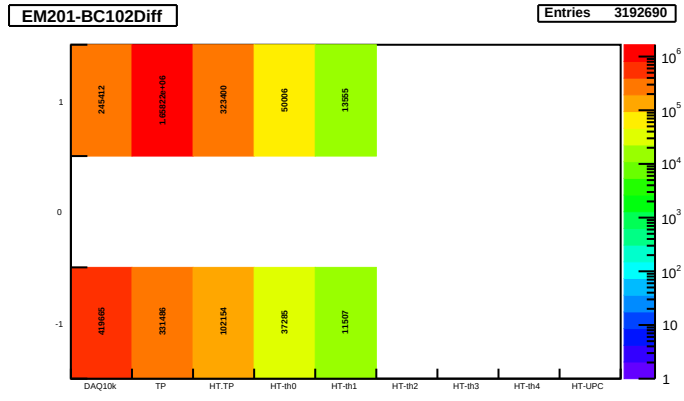

Endcap EMC L1 Input - HT-th1
Entries 2.982859e+07
EE101
EE102
4332 1430 1057 3884 5225 1967 1746 4619 4074 795 2833 4942
2.48138e+06 2.48429e+06 2.48466e+06 2.48193e+06 2.48048e+06 2.48375e+06 2.48397e+06 2.4811e+06 2.48164e+06 2.48482e+06 2.48278e+06 2.48087e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

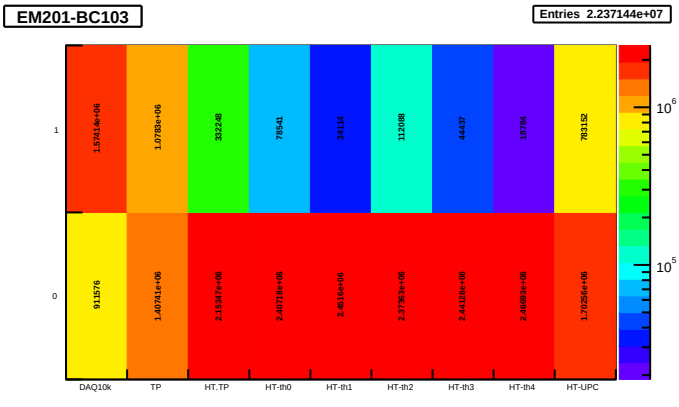

Endcap EMC L1 Input - HT-th1 Diff
Entries 120
EE101
EE102
23
67 30
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

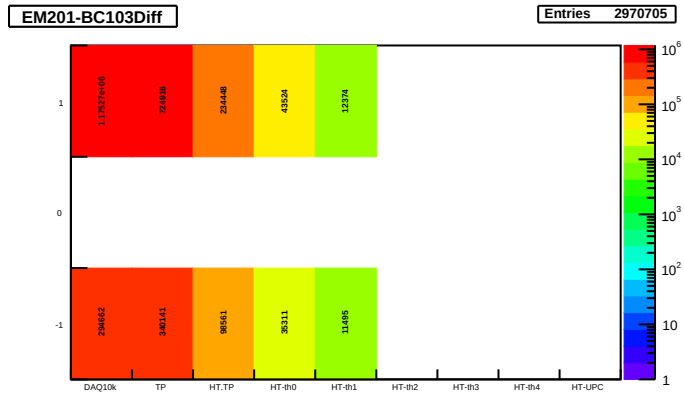

EM201-BC101
Entries 2.237144e+07
1.51204e+06
1.14775e+06
344128
81492
37437
126040
50539
21221
798262
973680
1.33796e+06
2.18159e+06
2.40422e+06
2.44825e+06
2.35068e+06
2.45519e+06
2.4646e+06
1.88745e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

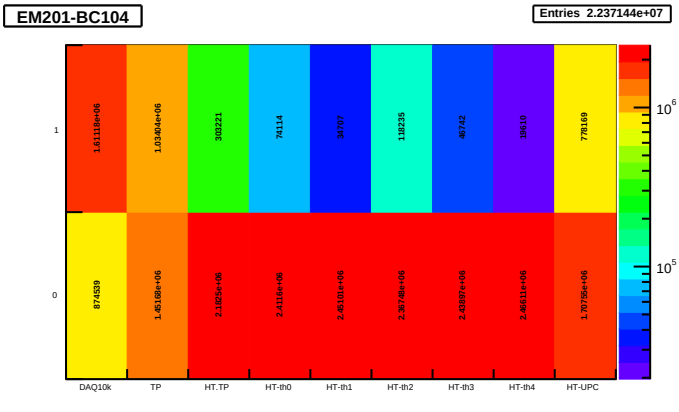

EM201-BC101Diff
Entries 2979666
1.11209e+06
765562
241910
42867
12942
302210
339469
96862
35879
11409
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

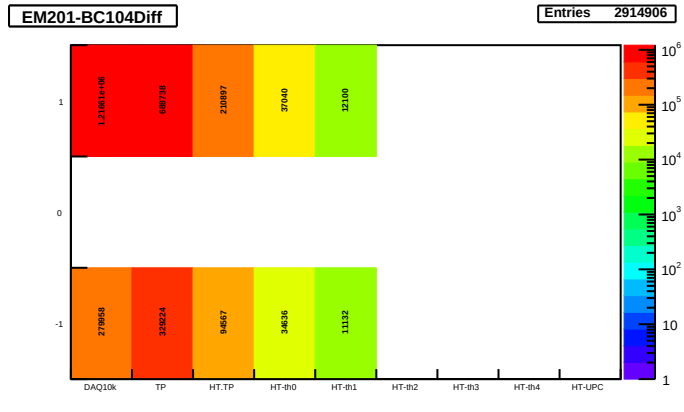

EM201-BC102
Entries 2.237144e+07
620299
2.12129e+06
431042
84852
36135
120796
48883
20099
758107
1.38542e+06
364430
2.09467e+06
2.40086e+06
2.44858e+06
2.36492e+06
2.43713e+06
2.46562e+06
1.72761e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 3192690
245412
1.68522e+06
323400
50006
13955
419665
331486
102154
37285
11507
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

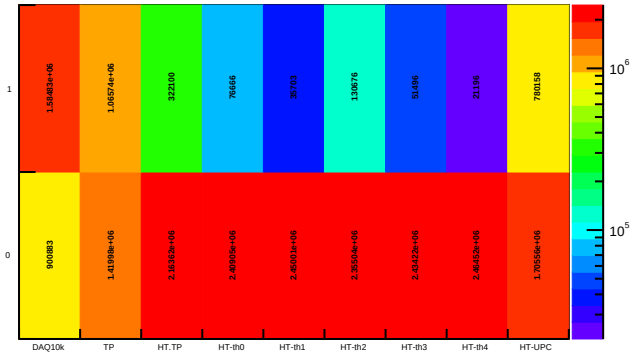

EM201-BC103
Entries 2.237144e+07
1.57414e+06
1.0783e+06
332248
78541
34114
112088
44437
18734
763152
911576
1.40741e+06
2.15367e+06
2.40718e+06
2.4514e+06
2.37383e+06
2.44128e+06
2.46683e+06
1.70256e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2970705
1.17527e+06
724916
224448
43324
12374
294662
340141
98561
35311
11495
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

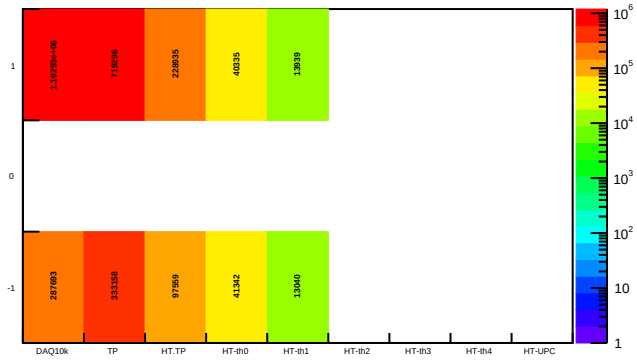

EM201-BC104
Entries 2.237144e+07
1.61118e+06
1.03404e+06
303221
74114
33707
118235
46742
19610
778169
874539
1.45168e+06
2.1825e+06
2.4116e+06
2.45101e+06
2.36749e+06
2.43897e+06
2.46511e+06
1.70755e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2914906
1.21661e+06
688738
210897
37040
12100
279958
323224
94567
34636
11132
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

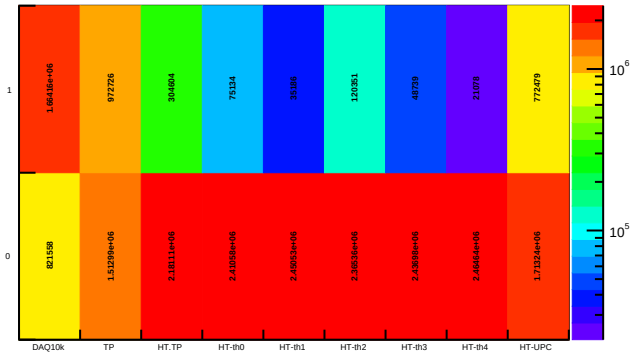
**EM201-BC105** Entries 2.237144e+07



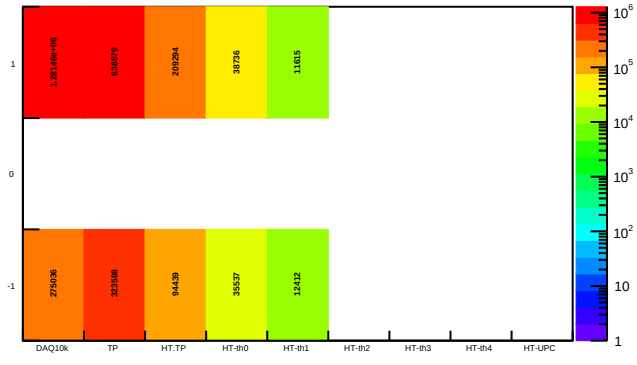

**EM201-BC105Diff** Entries 2968223



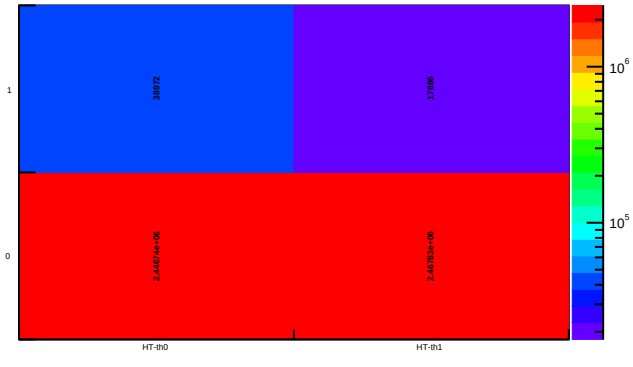

**EM201-BC106** Entries 2.237144e+07



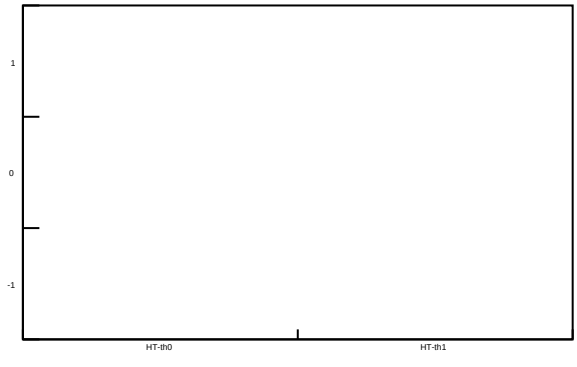

**EM201-BC106Diff** Entries 2920695



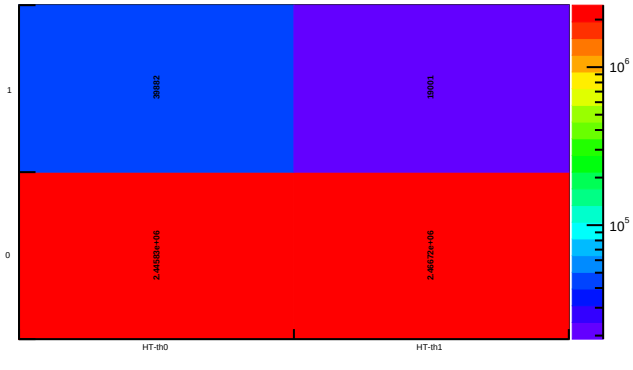

**EM201-EE101** Entries 4971432



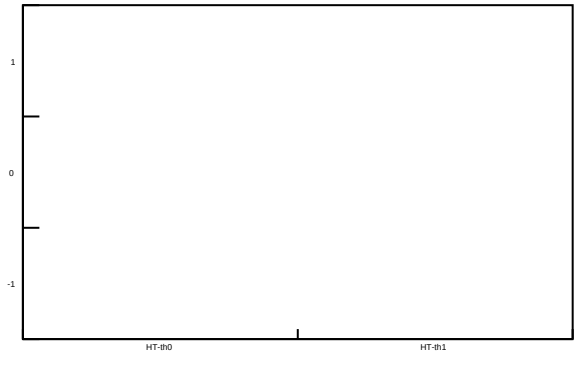

**EM201-EE101Diff** Entries 0

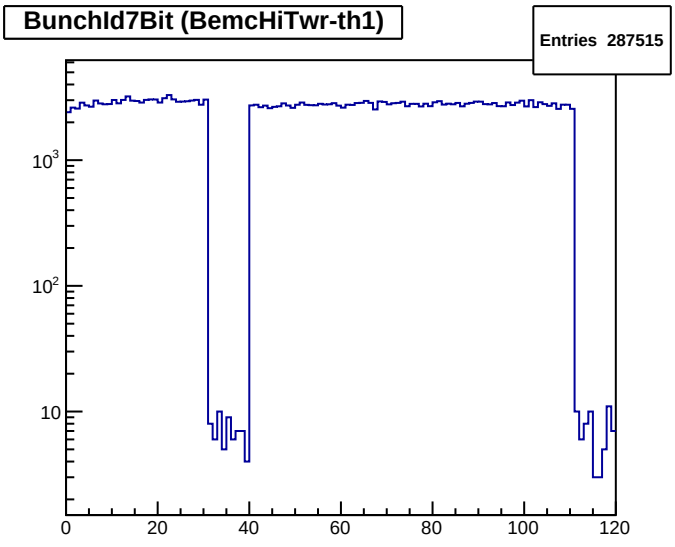


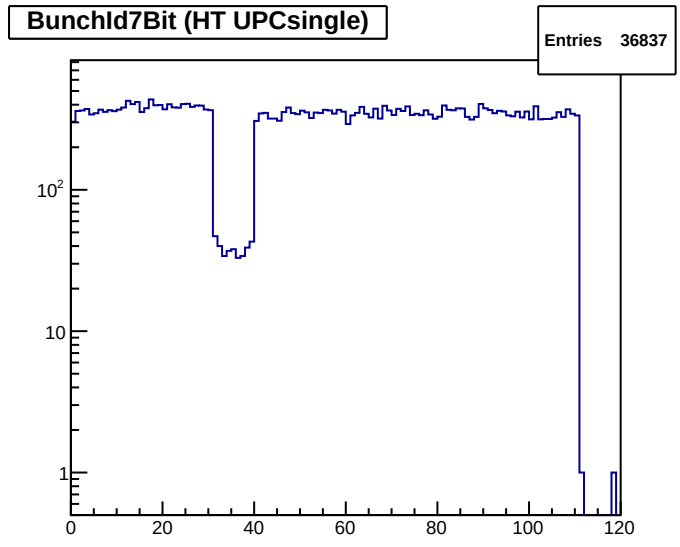

**EM201-EE102** Entries 4971432

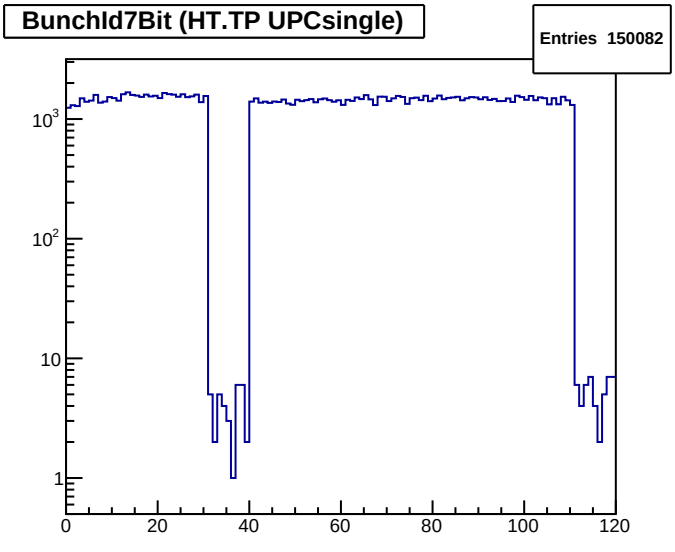


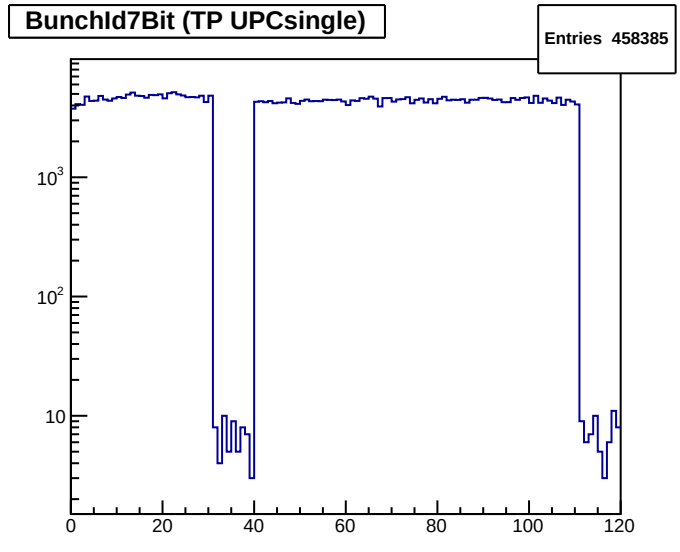

**EM201-EE102Diff** Entries 0

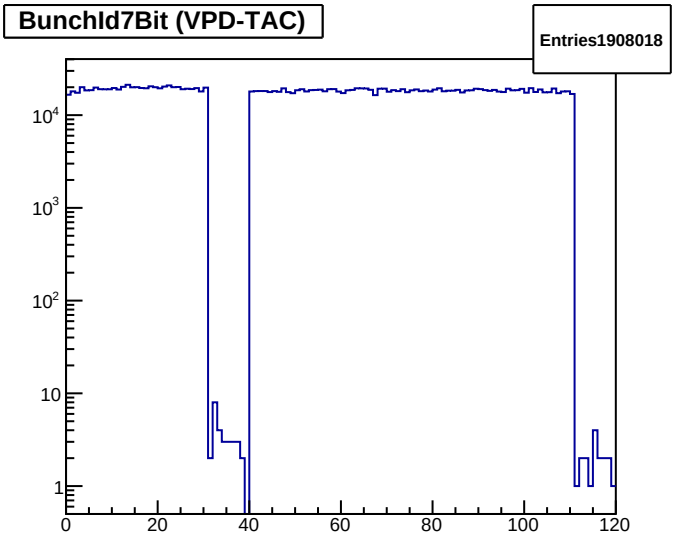


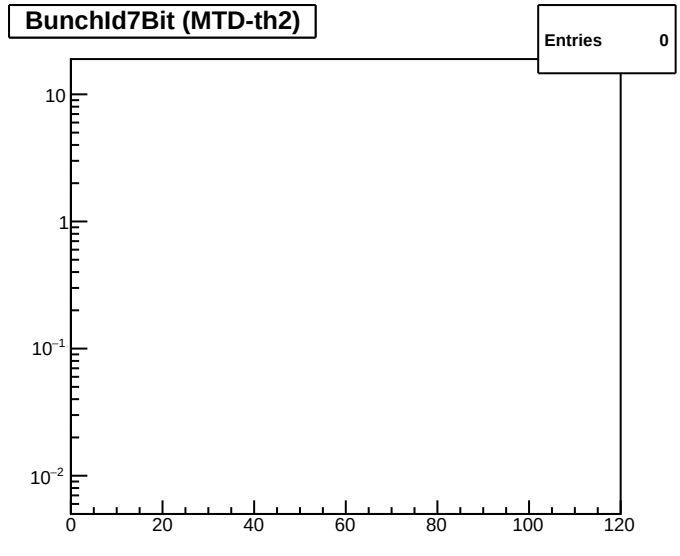

BunchId7Bit (BemcHiTwr-th1)
Entries 287515
$10^3$
$10^2$
10
0
20
40
60
80
100
120

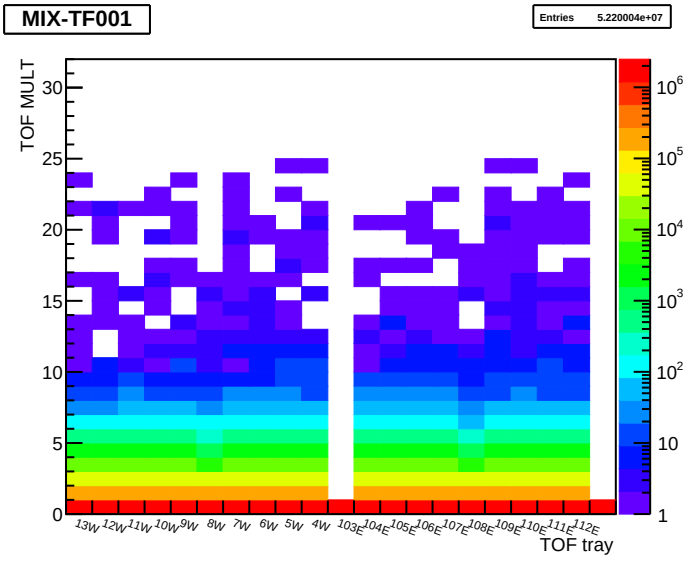

BunchId7Bit (HT UPCsingle)
Entries 36837
$10^2$
10
1
0
20
40
60
80
100
120

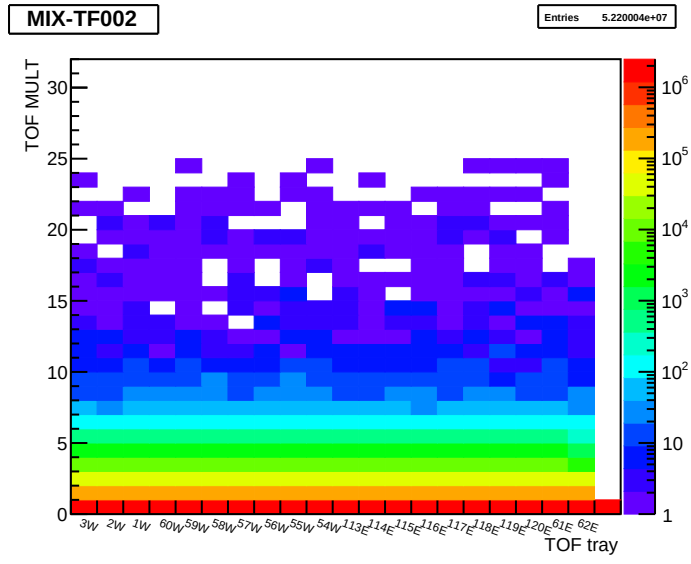

BunchId7Bit (HT.TP UPCsingle)
Entries 150082
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

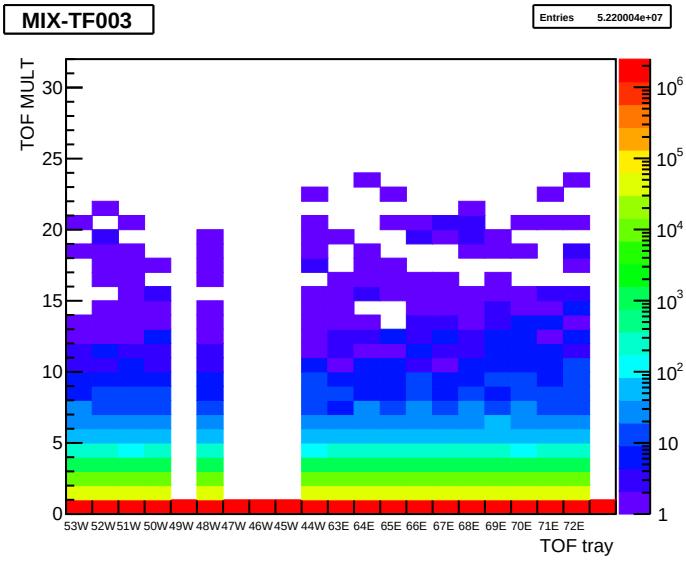

BunchId7Bit (TP UPCsingle)
Entries 458385
$10^3$
$10^2$
10
0
20
40
60
80
100
120

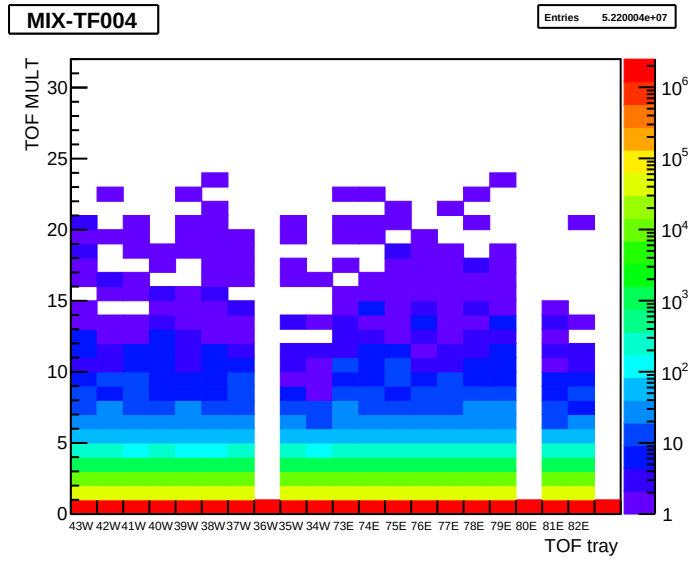

BunchId7Bit (VPD-TAC)
Entries1908018
$10^4$
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

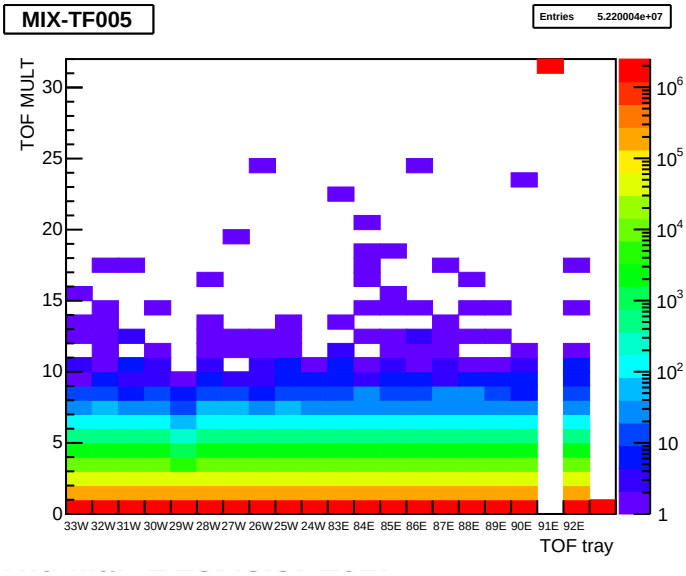

BunchId7Bit (MTD-th2)
Entries 0
10
1
$10^{-1}$
$10^{-2}$
0
20
40
60
80
100
120

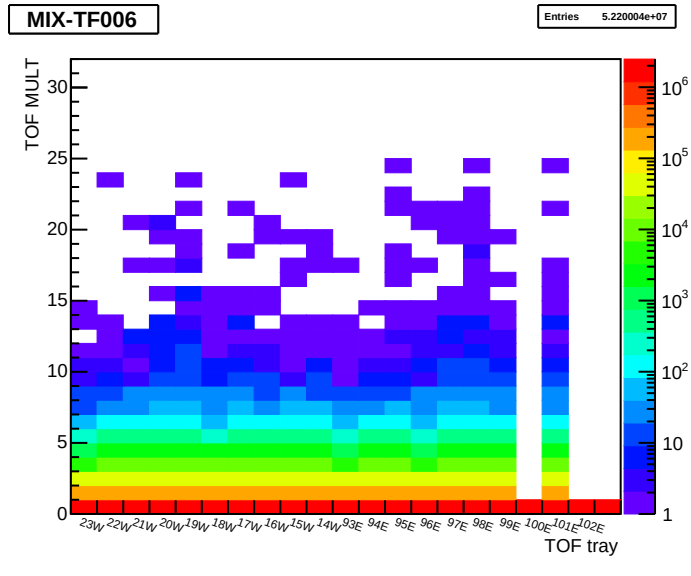

MIX-TF001
Entries 5.220004e+07
TOF MULT
TOF tray

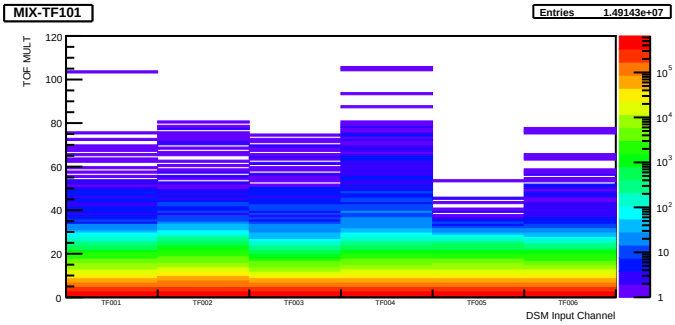

MIX-TF002
Entries 5.220004e+07
TOF MULT
TOF tray

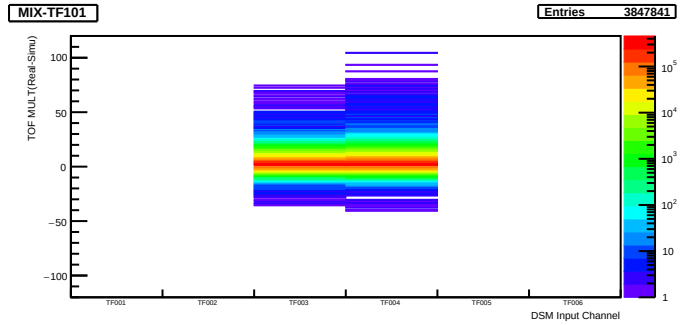

MIX-TF003
Entries 5.220004e+07
TOF MULT
TOF tray

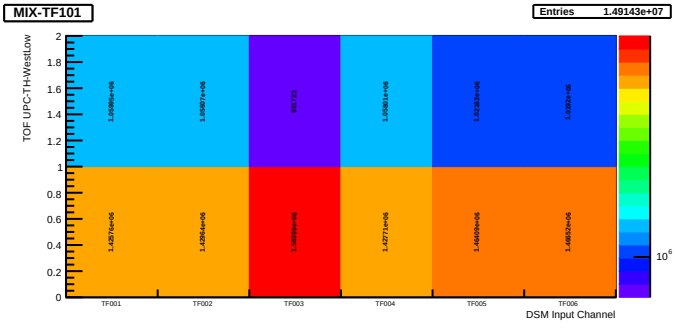

MIX-TF004
Entries 5.220004e+07
TOF MULT
TOF tray

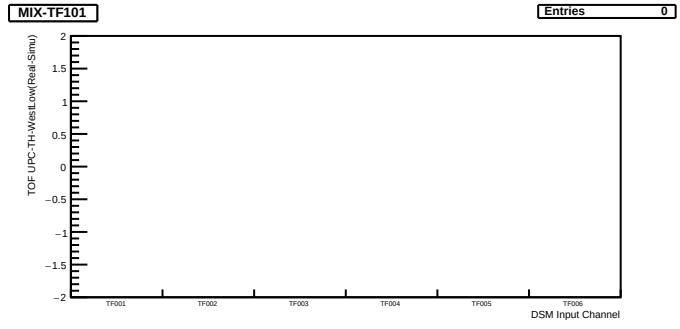

MIX-TF005
Entries 5.220004e+07
TOF MULT
TOF tray

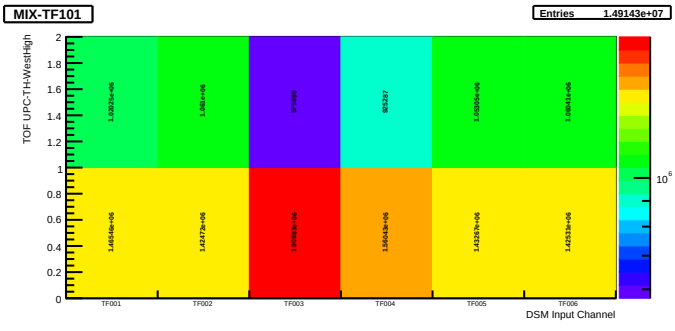

MIX-TF006
Entries 5.220004e+07
TOF MULT
TOF tray

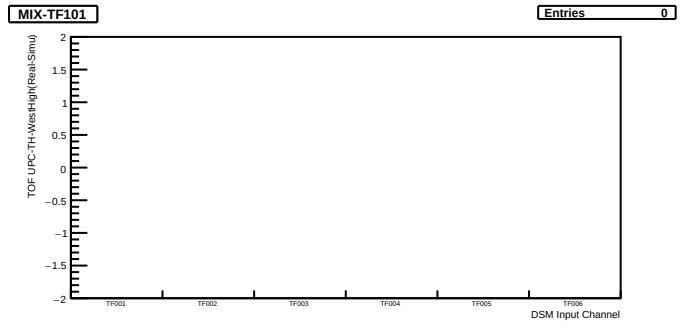

MIX-TF101
Entries 1.49143e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

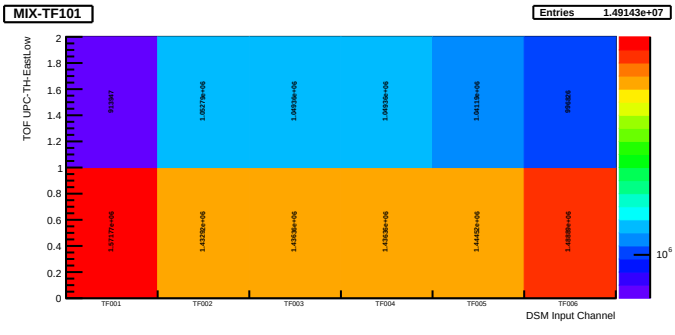

MIX-TF101
Entries 3847841
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

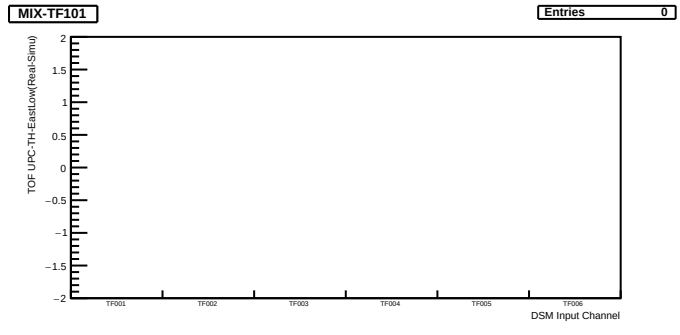

MIX-TF101
Entries 1.49143e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

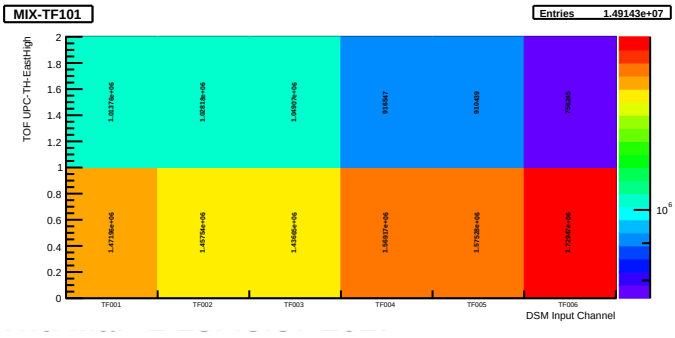

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

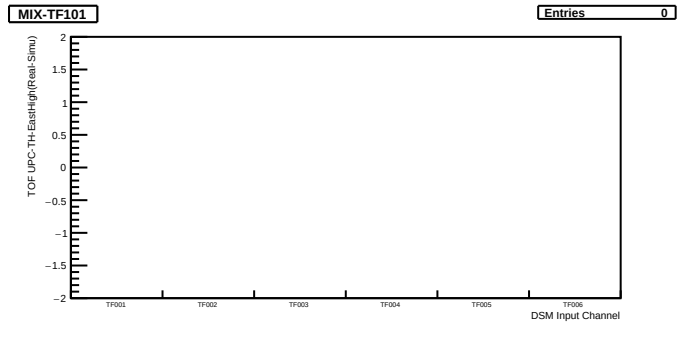

MIX-TF101
Entries 1.49143e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

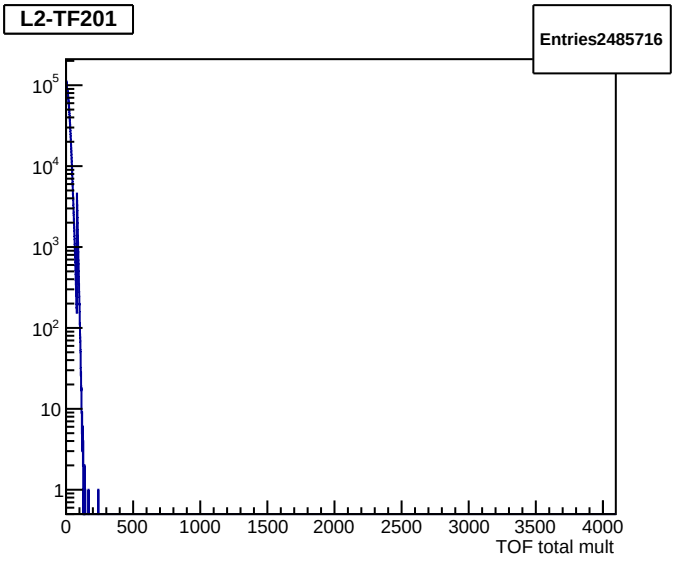

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

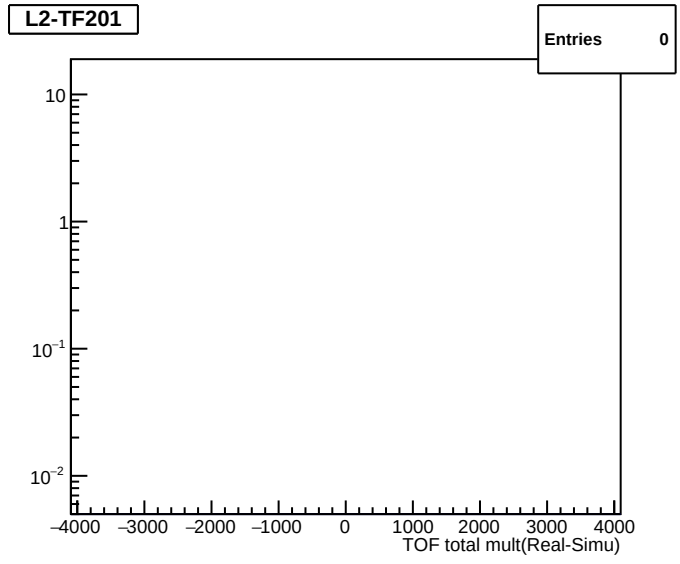

MIX-TF101
Entries 1.49143e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

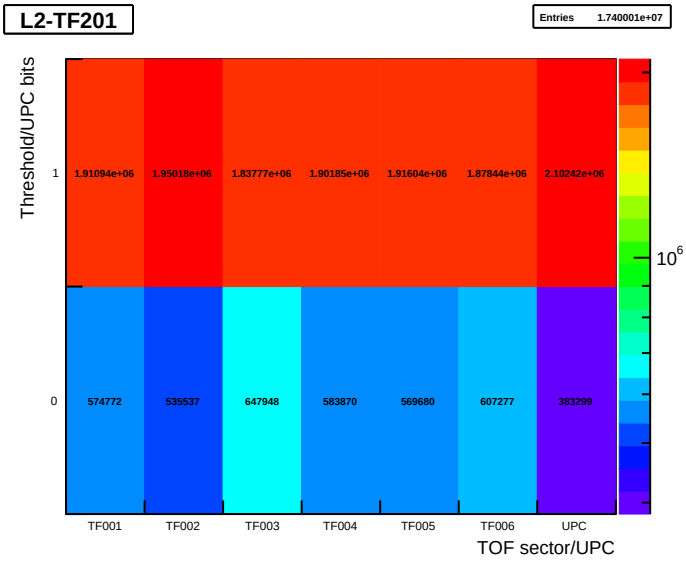

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

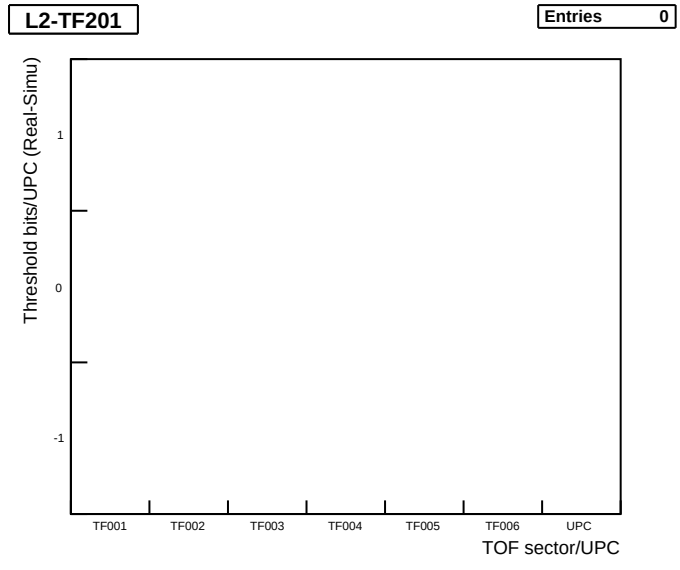

MIX-TF101
Entries 1.49143e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

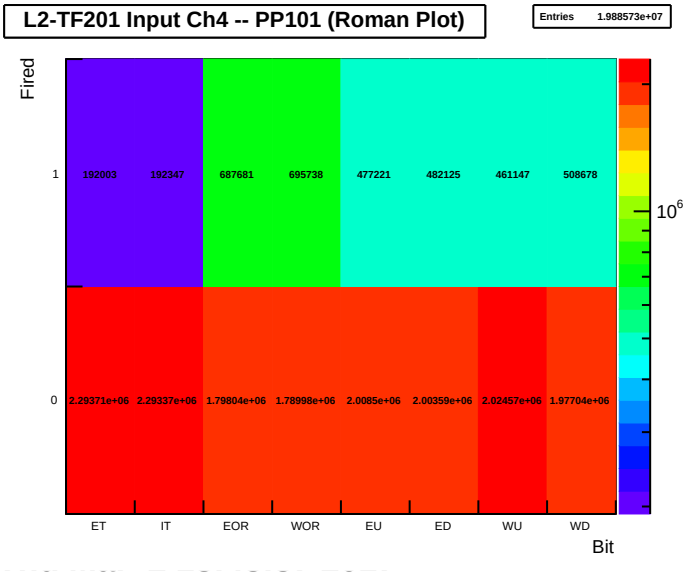

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

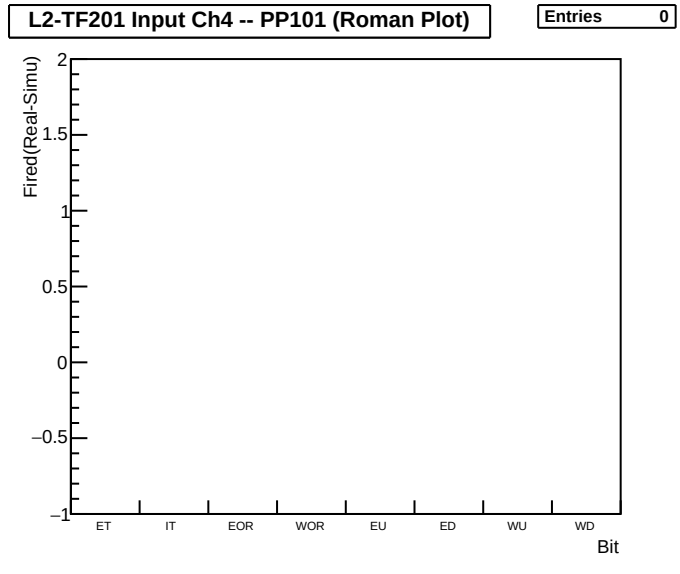

L2-TF201
Entries2485716
TOF total mult

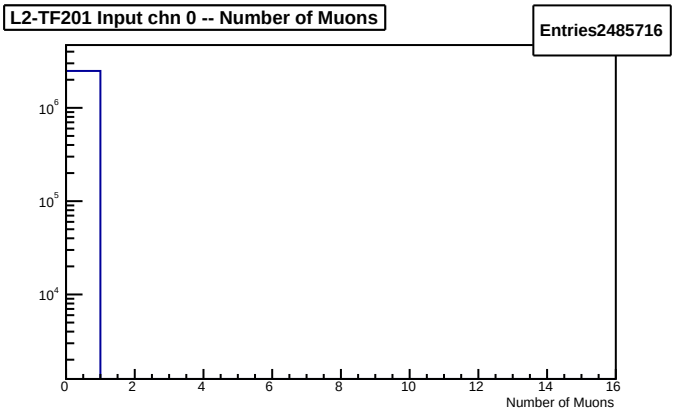

L2-TF201
Entries 0
TOF total mult(Real-Simu)

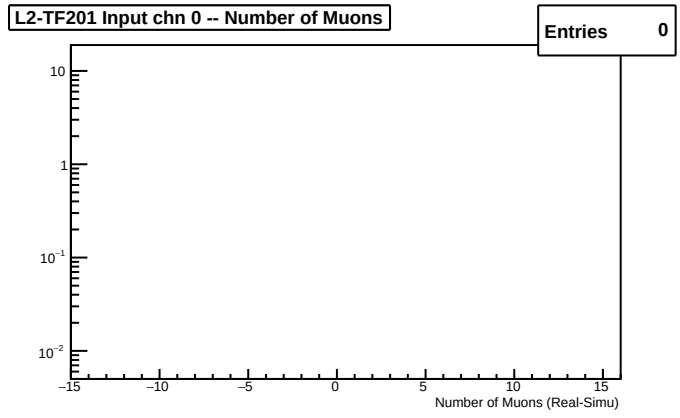

L2-TF201
Entries 1.740001e+07
Threshold/UPC bits
1.91094e+06
1.95018e+06
1.83777e+06
1.90185e+06
1.91604e+06
1.87844e+06
2.10242e+06
574772
535537
647948
583870
569680
607277
383299
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

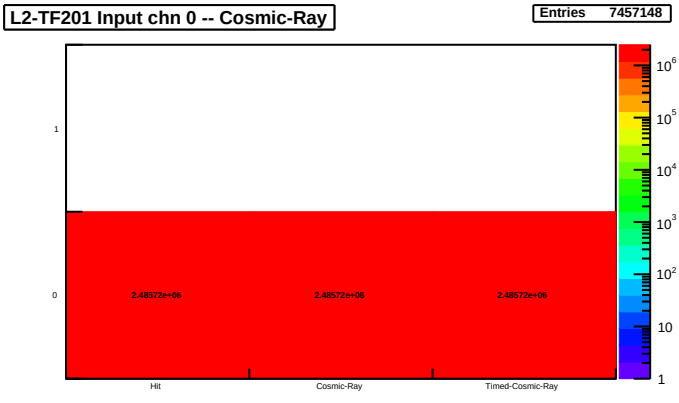

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

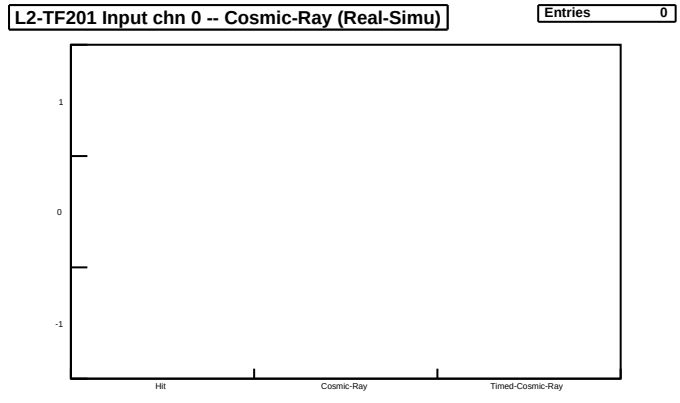

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.988573e+07
Fired
192003
192347
687681
695738
477221
482125
461147
508678
2.29371e+06
2.29337e+06
1.79804e+06
1.78998e+06
2.0085e+06
2.00359e+06
2.02457e+06
1.97704e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

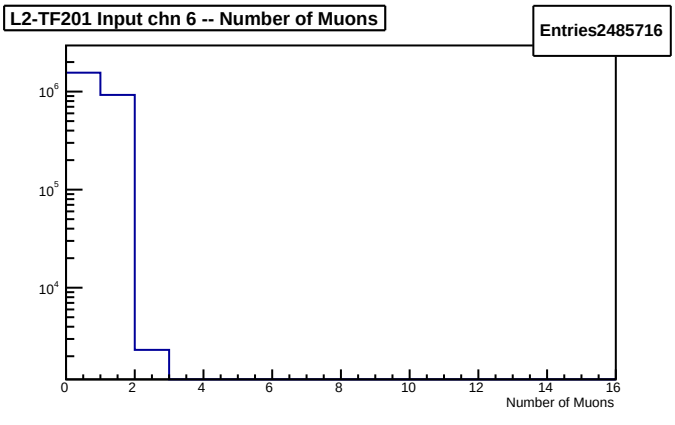

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

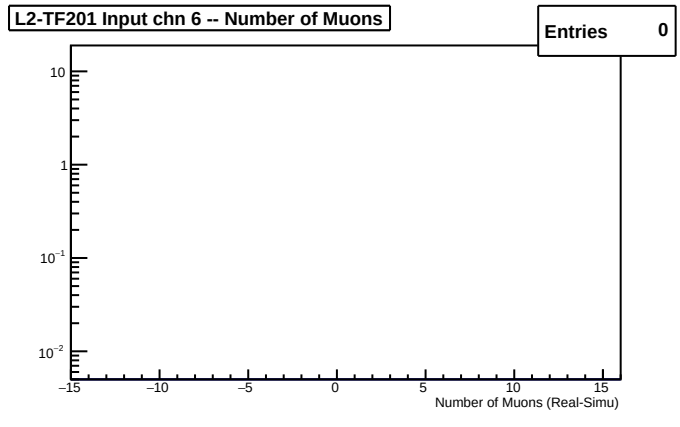

L2-TF201 Input chn 0 -- Number of Muons
Entries2485716
Number of Muons

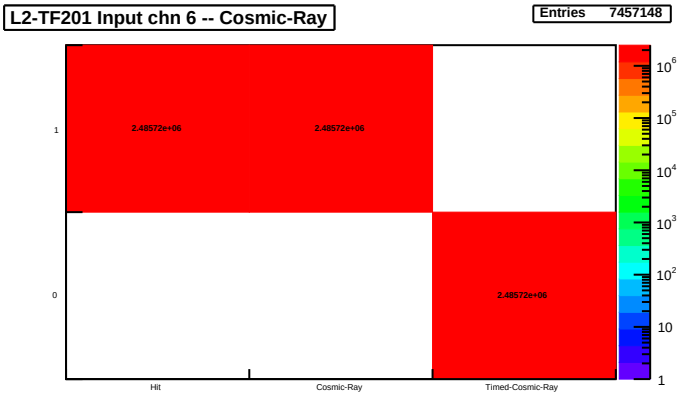

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

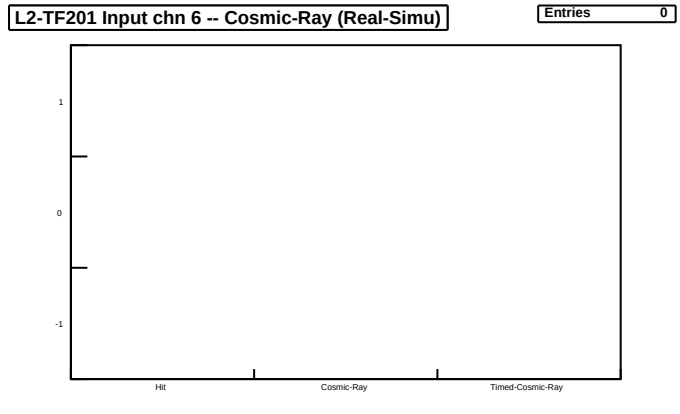

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7457148
2.48572e+06
2.48572e+06
2.48572e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

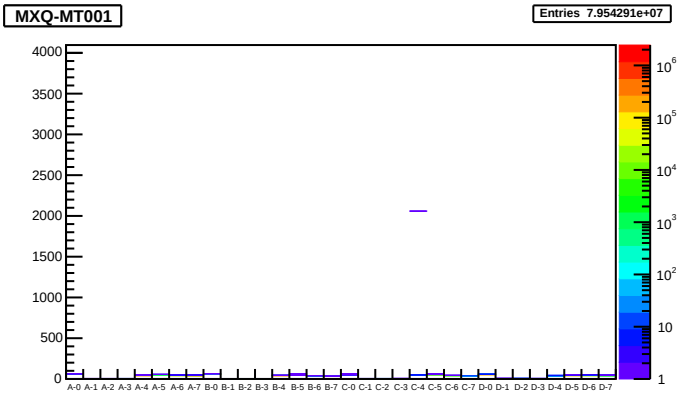

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

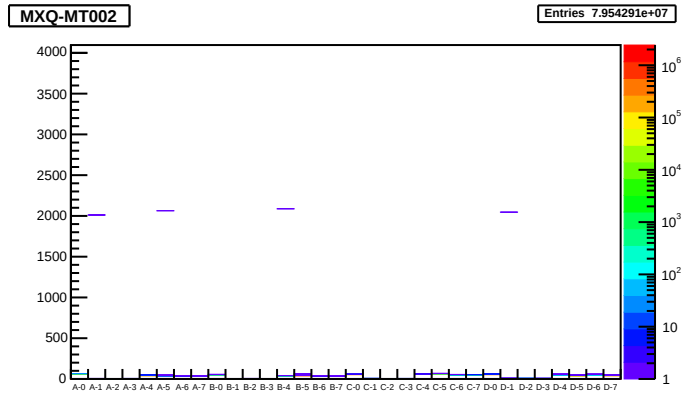

L2-TF201 Input chn 6 -- Number of Muons
Entries2485716
Number of Muons

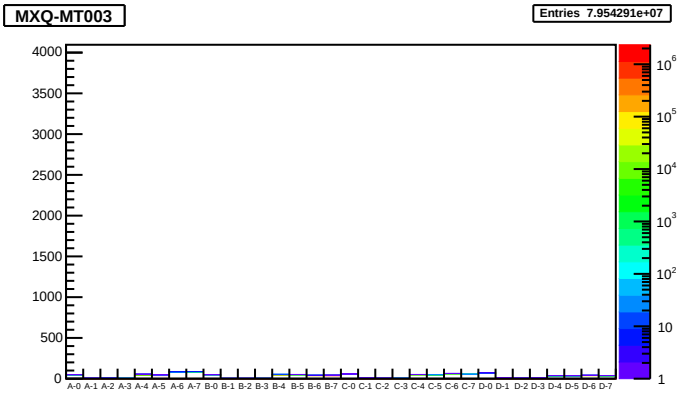

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

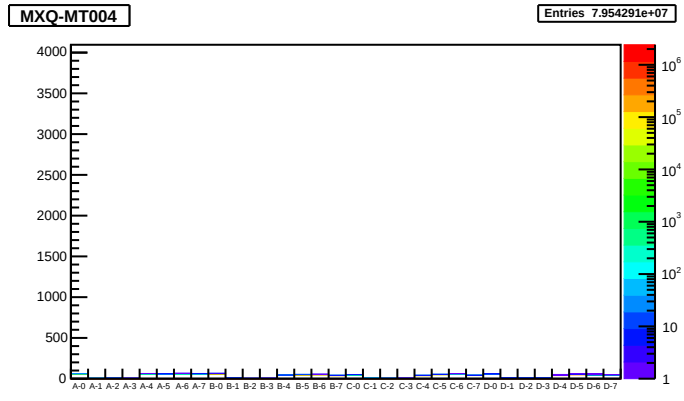

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7457148
2.48572e+06
2.48572e+06
2.48572e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

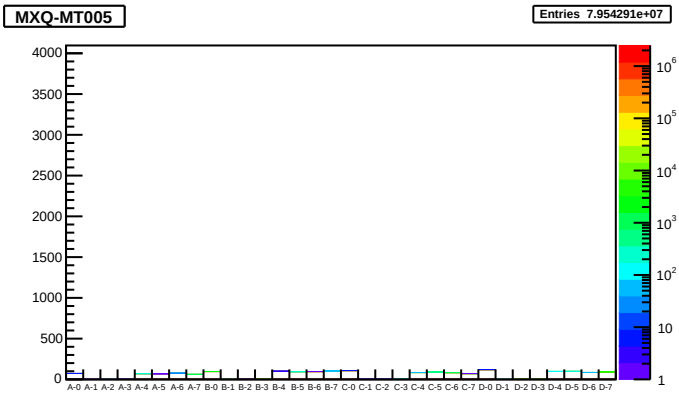

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

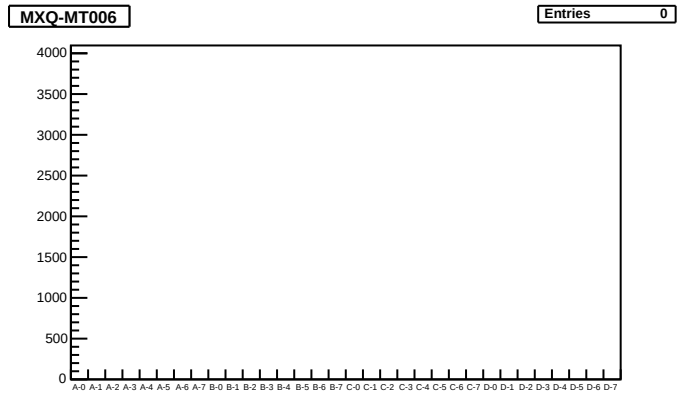

MXQ-MT001
Entries 7.954291e+07

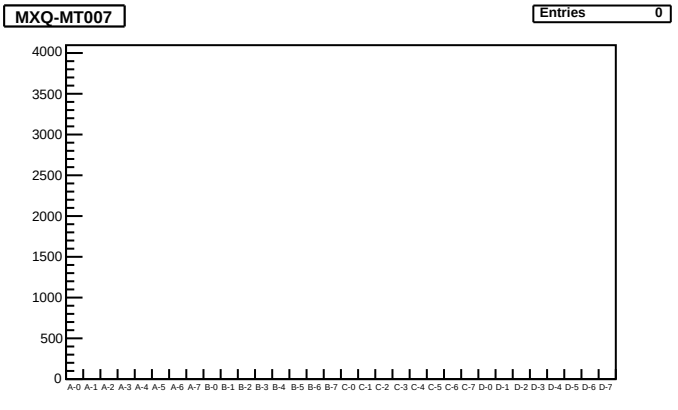

MXQ-MT002
Entries 7.954291e+07

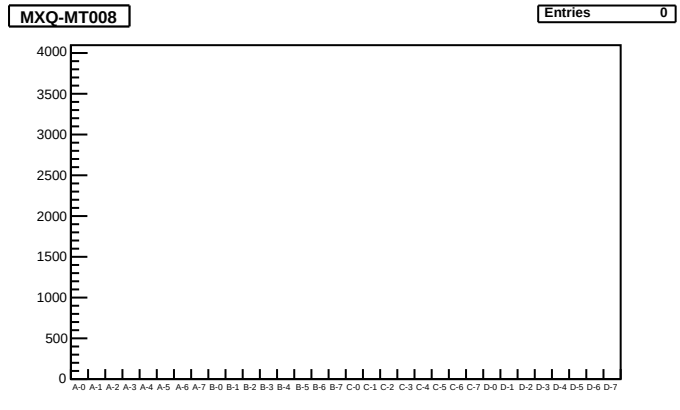

MXQ-MT003
Entries 7.954291e+07

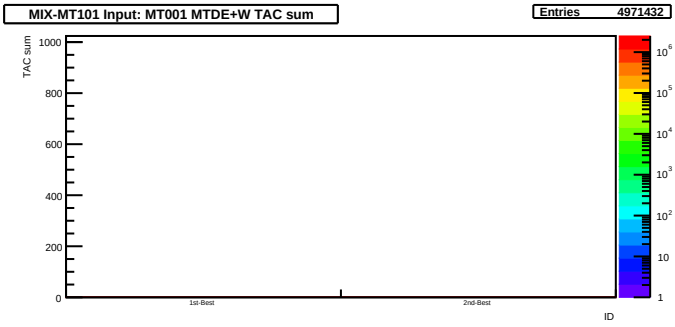

MXQ-MT004
Entries 7.954291e+07

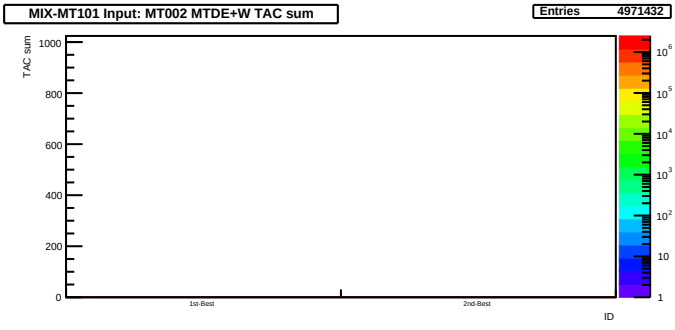

MXQ-MT005
Entries 7.954291e+07

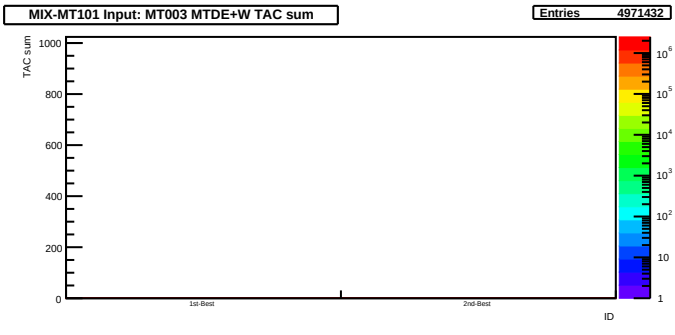

MXQ-MT006
Entries 0

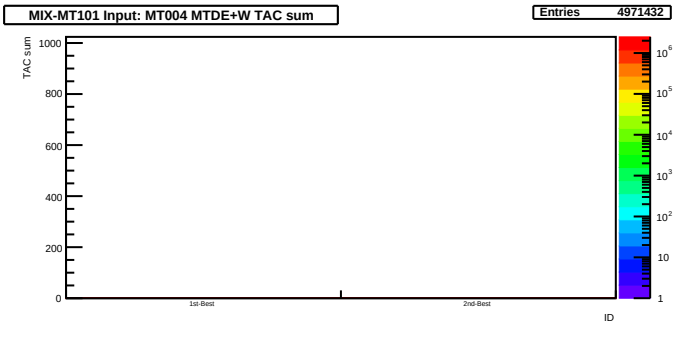

MXQ-MT007
Entries 0

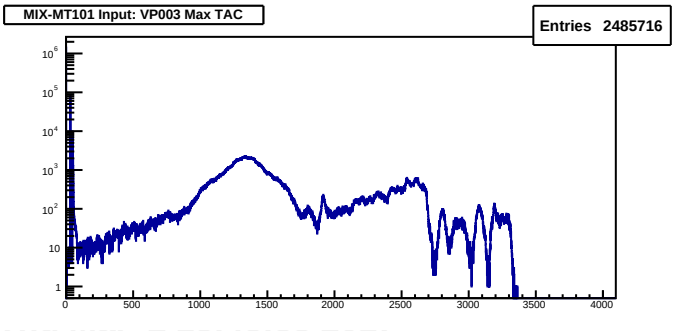

MXQ-MT008
Entries 0

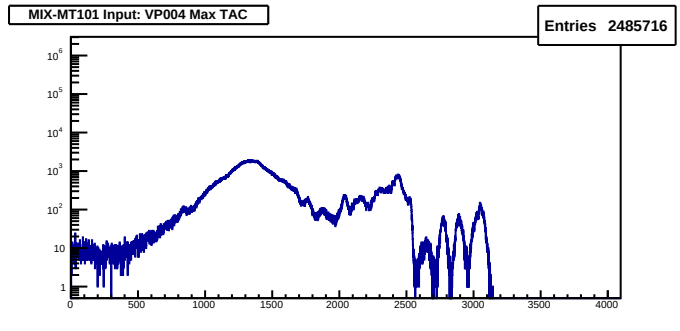

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID

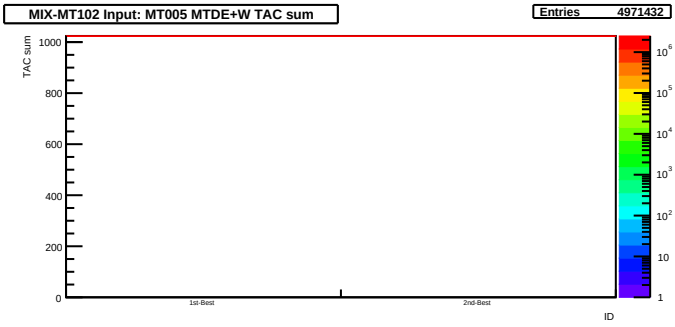

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID

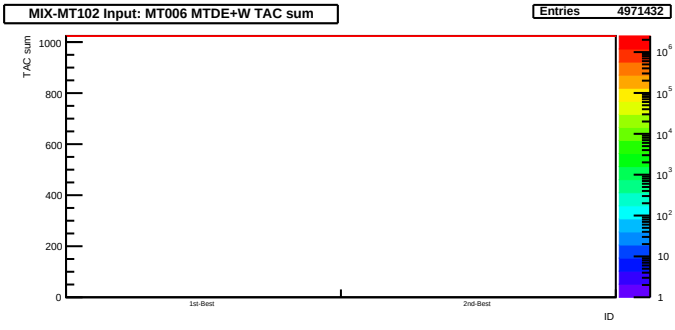

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID

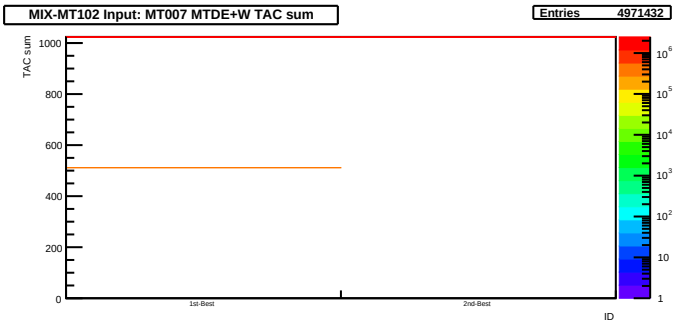

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID

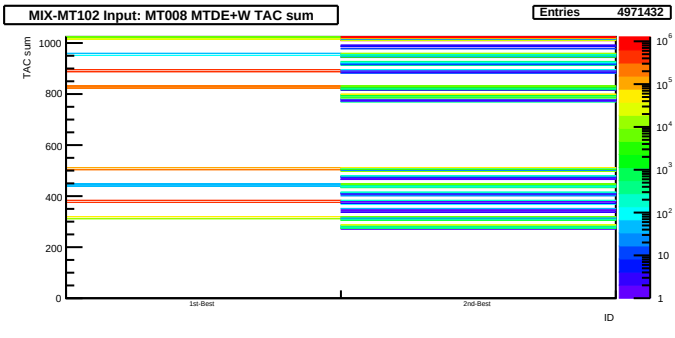

MIX-MT101 Input: VP003 Max TAC
Entries 2485716

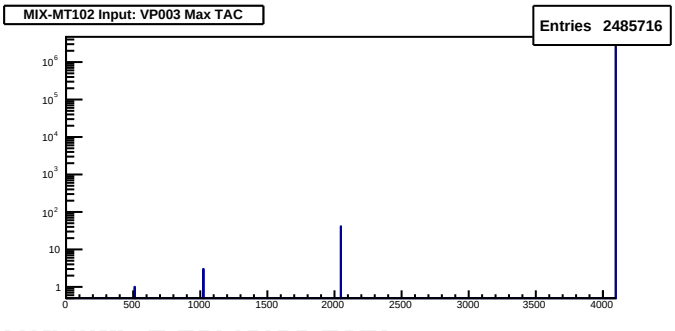

MIX-MT101 Input: VP004 Max TAC
Entries 2485716

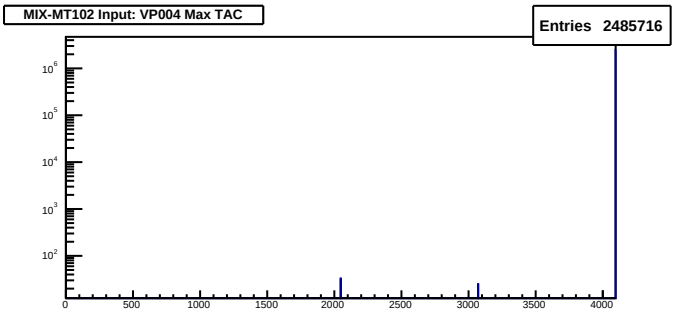

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID

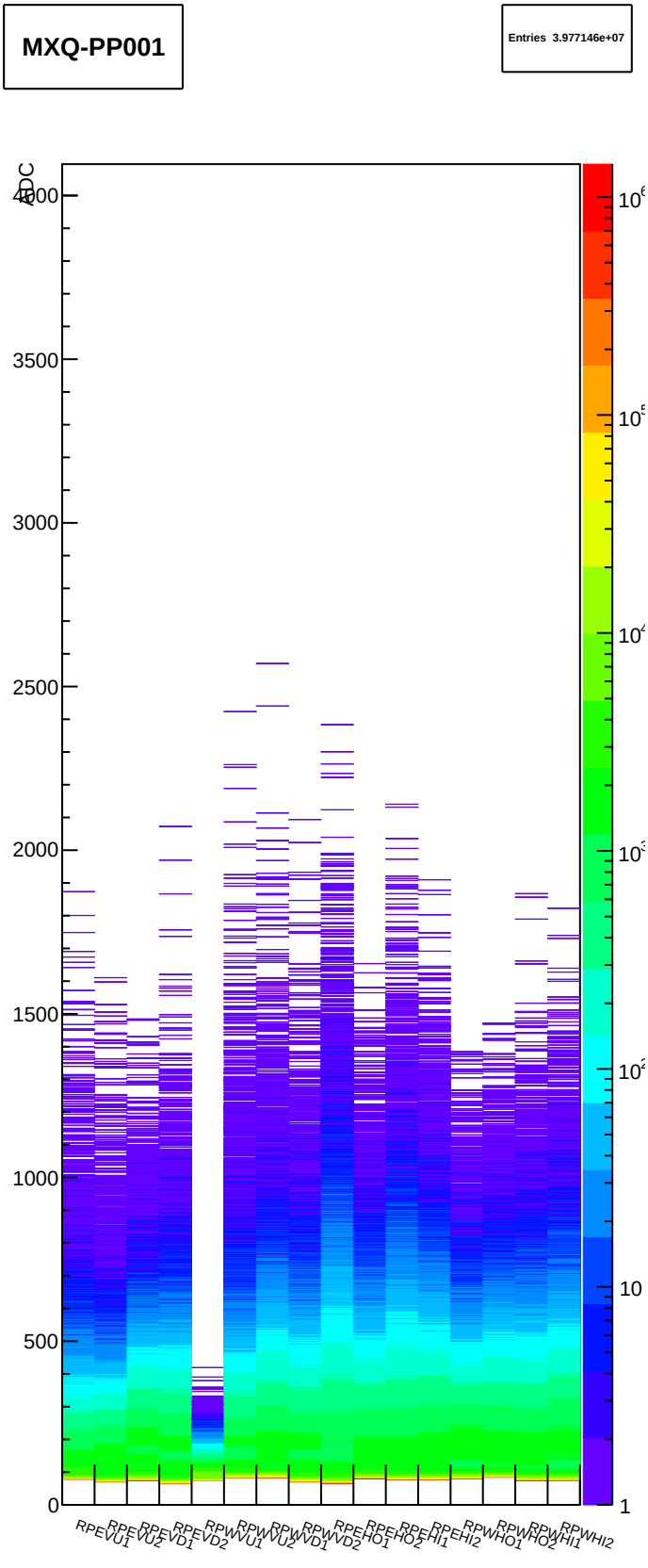

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID

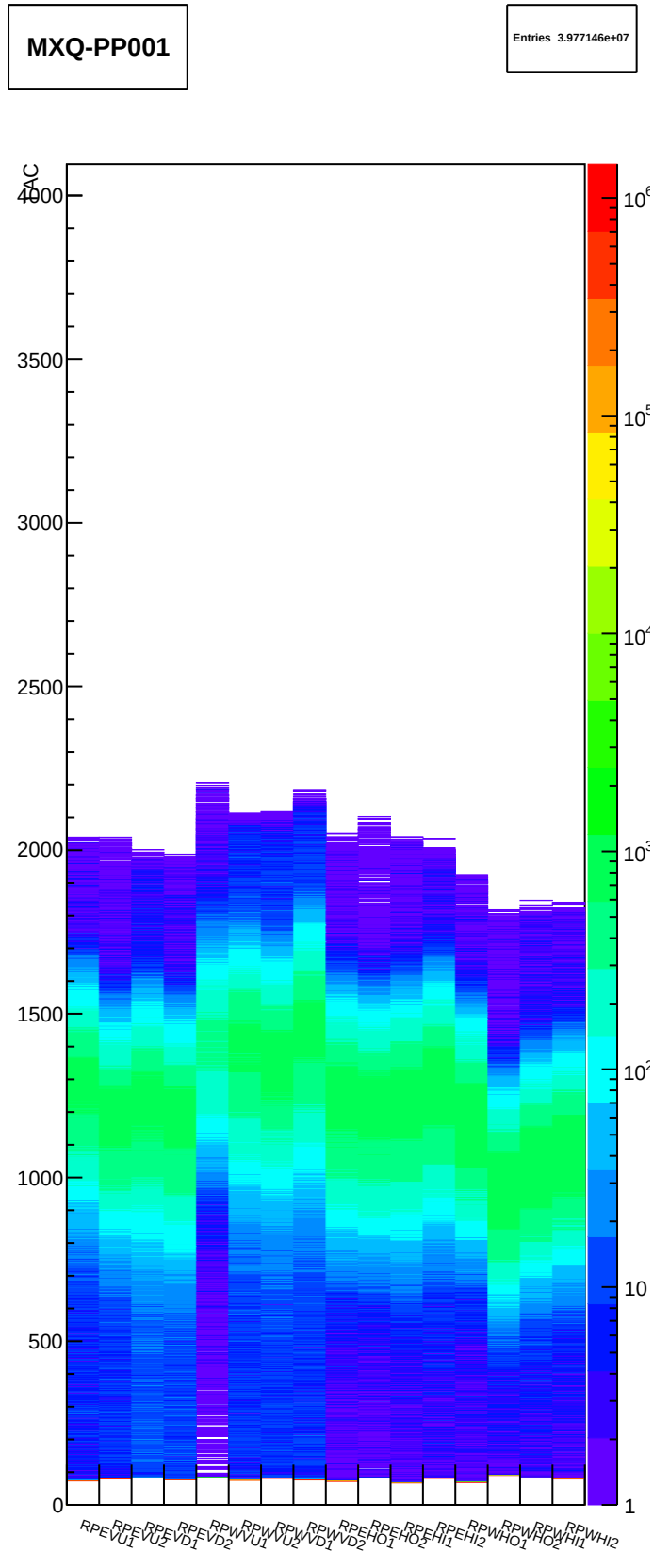

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4971432
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2485716


MIX-MT102 Input: VP004 Max TAC
Entries 2485716


MXQ-PP001
Entries 3.977146e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 3.977146e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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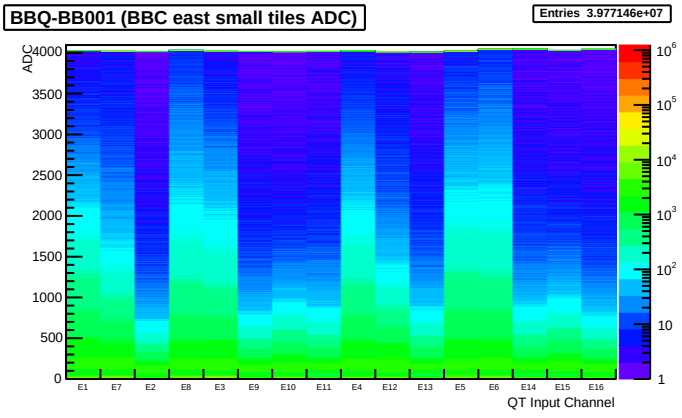
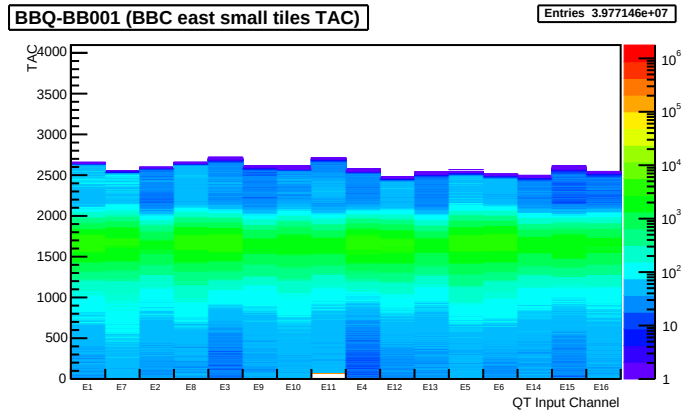
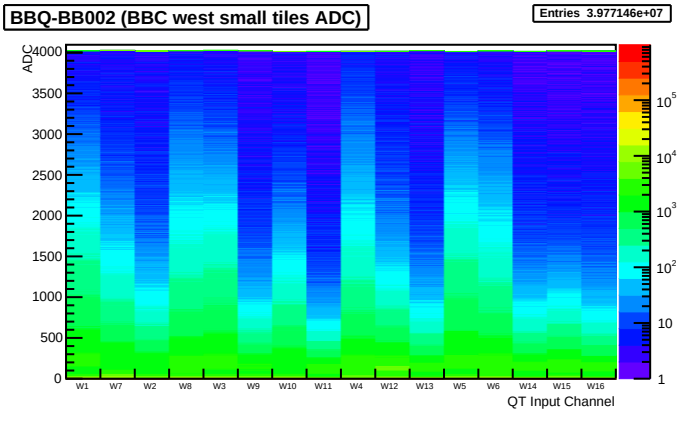
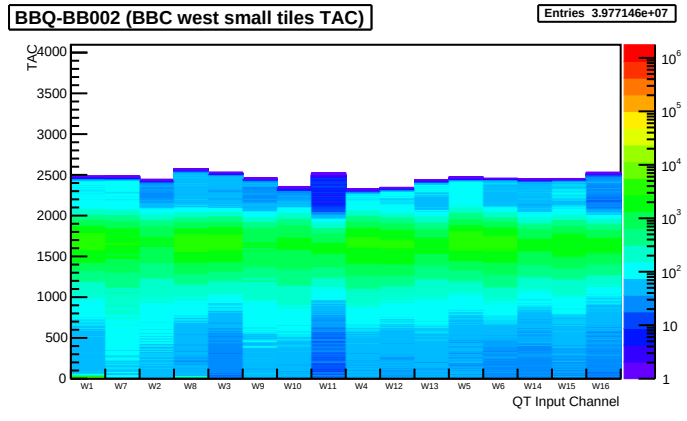
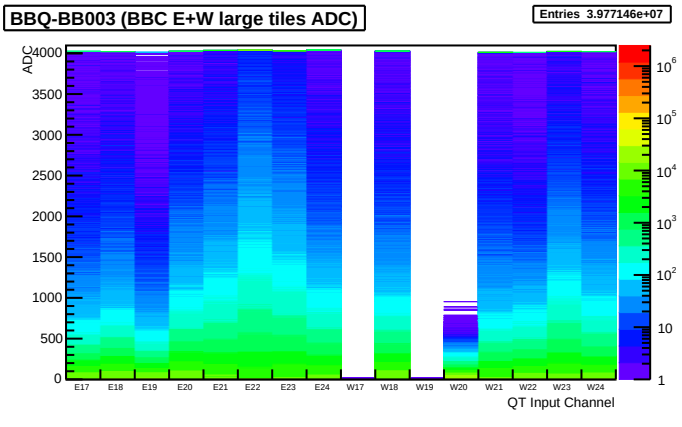
10^4
10^3
10^2
10
1

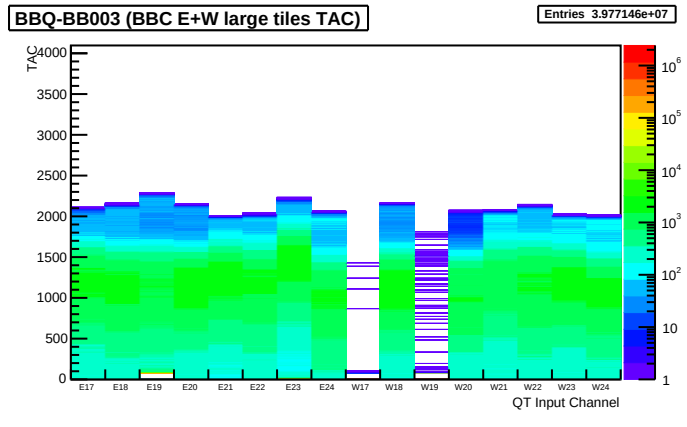

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.977146e+07
ADC
QT Input Channel

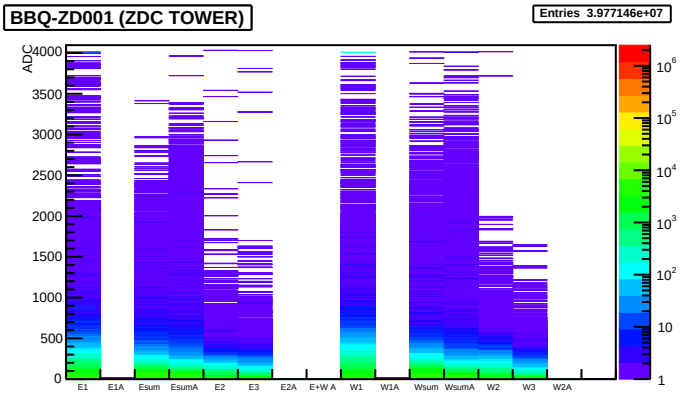

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.977146e+07
TAC
QT Input Channel

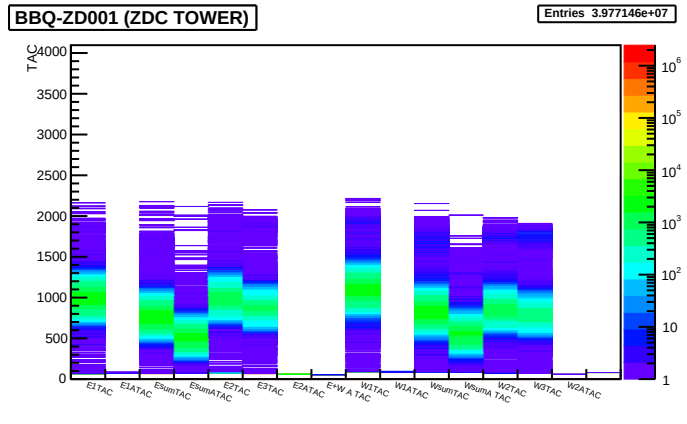

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.977146e+07
ADC
QT Input Channel

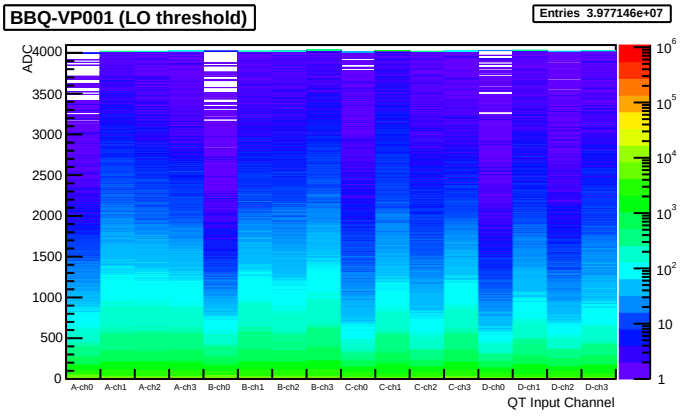

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.977146e+07
TAC
QT Input Channel

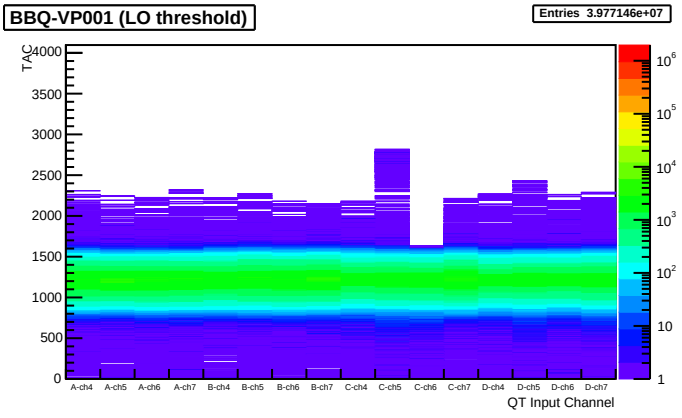

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.977146e+07
ADC
QT Input Channel

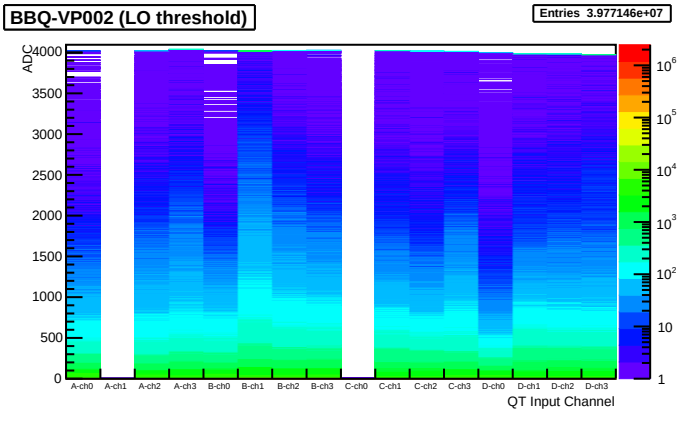

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.977146e+07
TAC
QT Input Channel

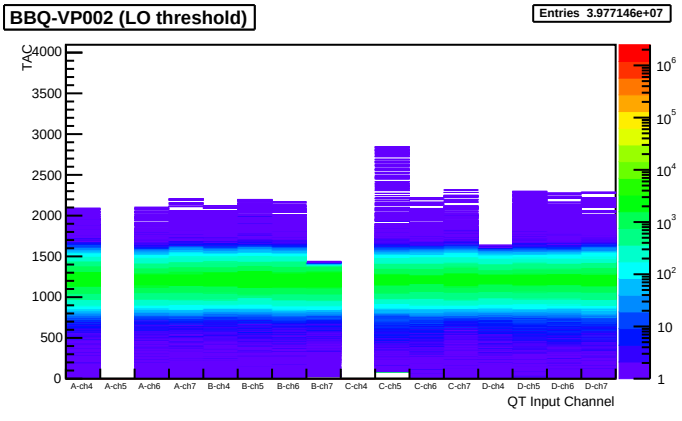

BBQ-ZD001 (ZDC TOWER)
Entries 3.977146e+07
ADC

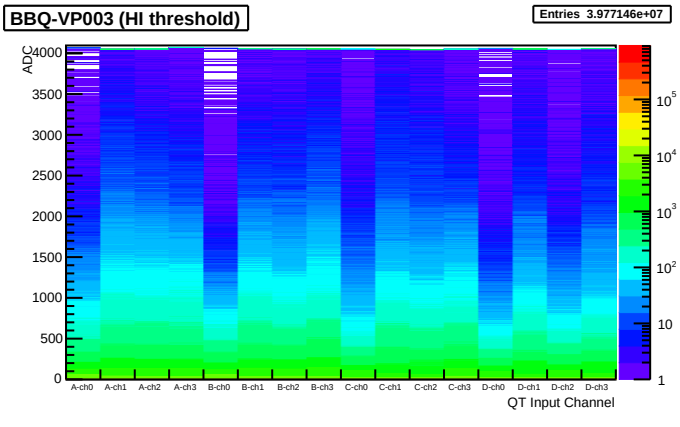

BBQ-ZD001 (ZDC TOWER)
Entries 3.977146e+07
TAC

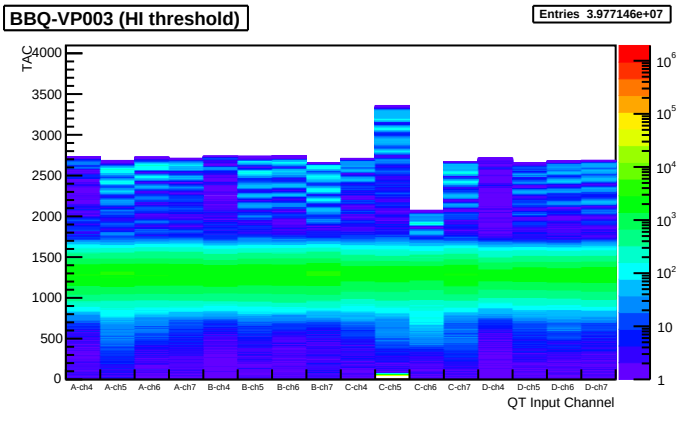

BBQ-VP001 (LO threshold)
Entries 3.977146e+07
ADC
QT Input Channel

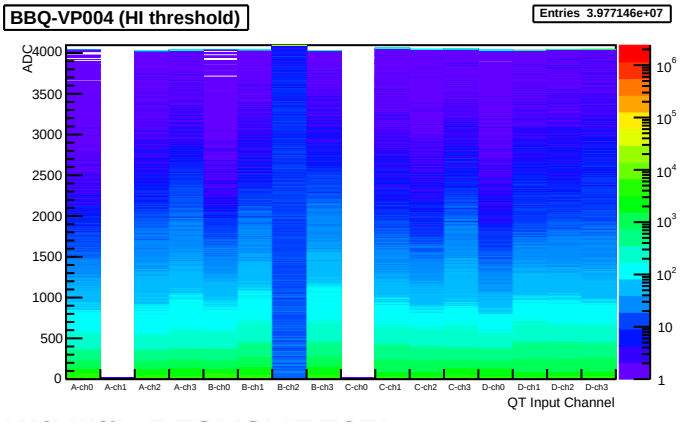

BBQ-VP001 (LO threshold)
Entries 3.977146e+07
TAC
QT Input Channel

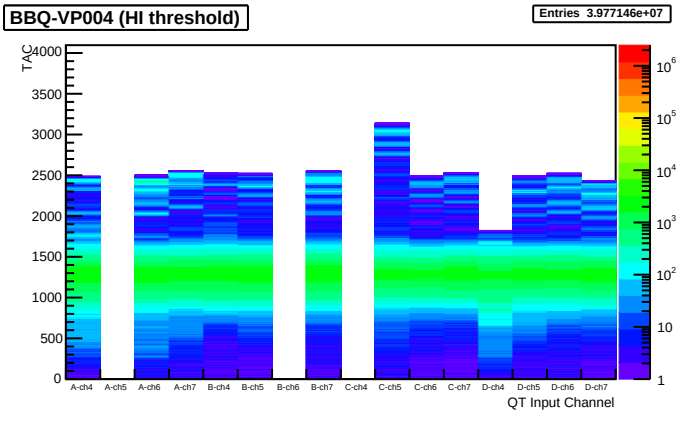

BBQ-VP002 (LO threshold)
Entries 3.977146e+07
ADC
QT Input Channel

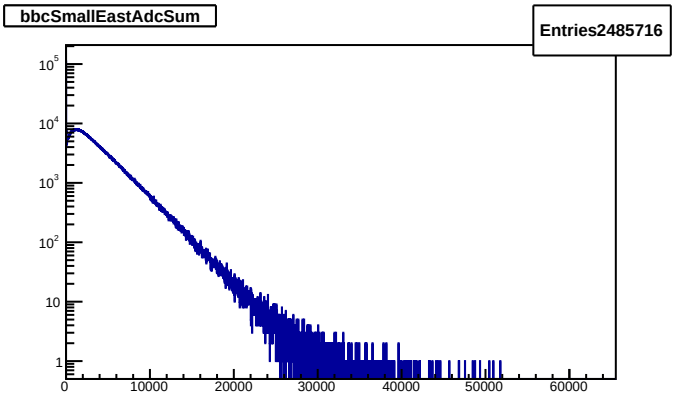

BBQ-VP002 (LO threshold)
Entries 3.977146e+07
TAC
QT Input Channel

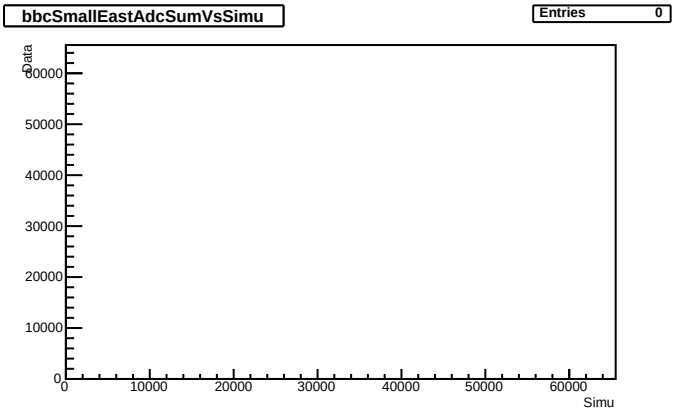

BBQ-VP003 (HI threshold)
Entries 3.977146e+07
ADC
QT Input Channel

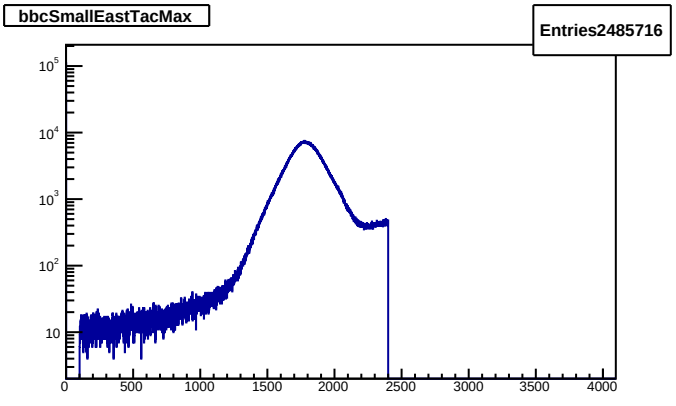

BBQ-VP003 (HI threshold)
Entries 3.977146e+07
TAC
QT Input Channel

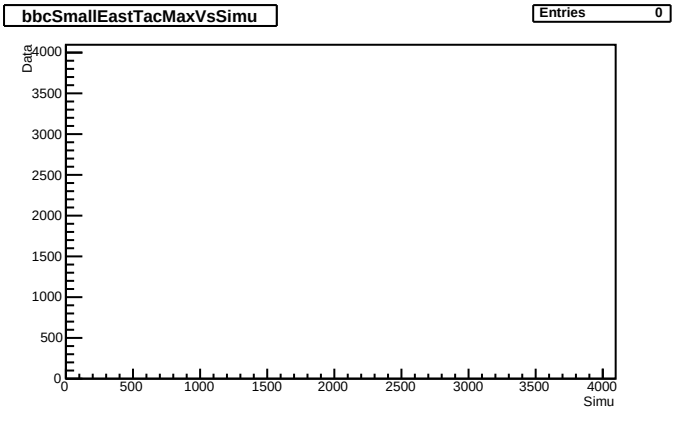

BBQ-VP004 (HI threshold)
Entries 3.977146e+07
ADC
QT Input Channel

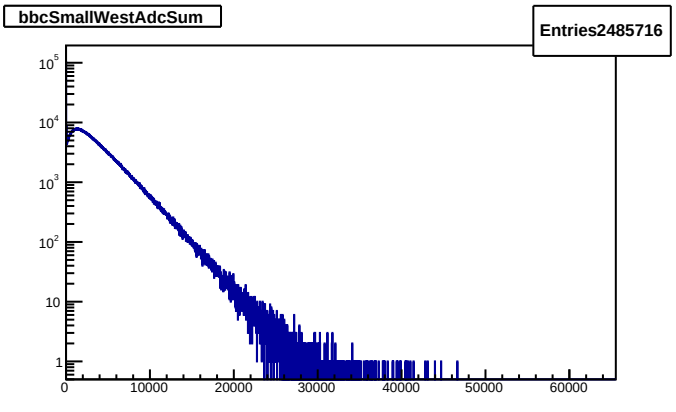

BBQ-VP004 (HI threshold)
Entries 3.977146e+07
TAC
QT Input Channel

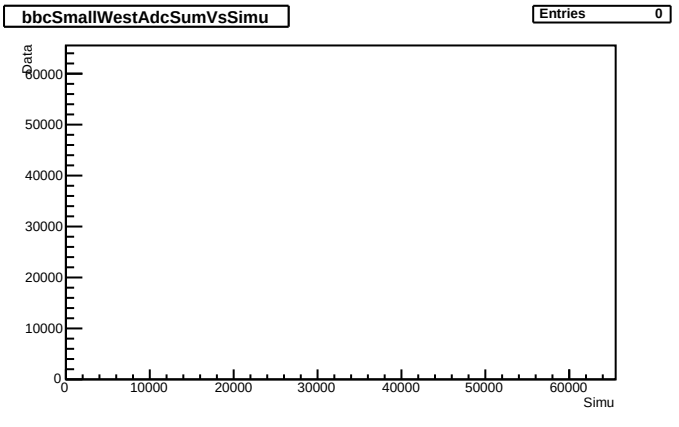

bbcSmallEastAdcSum
Entries2485716

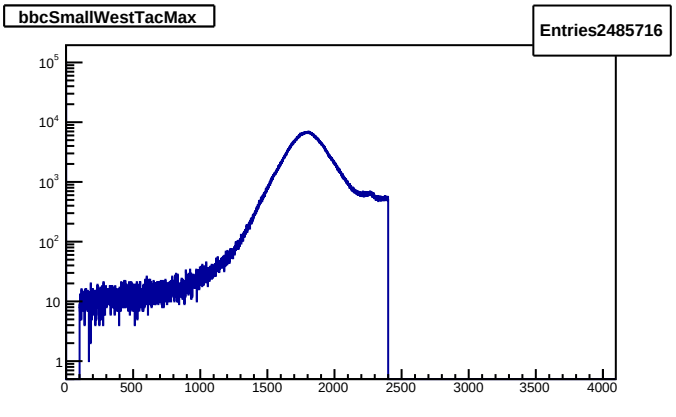

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

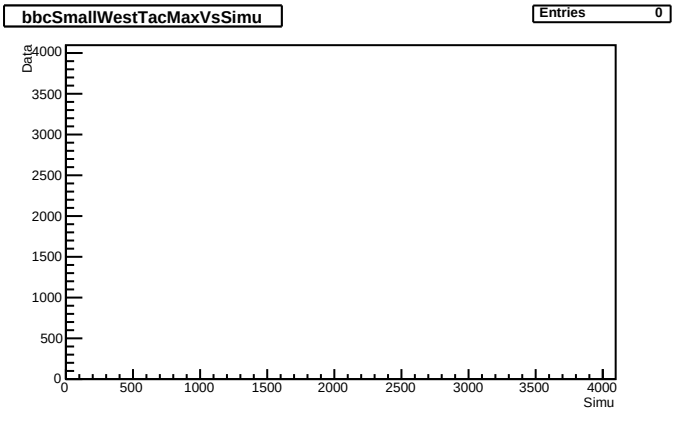

bbcSmallEastTacMax
Entries2485716

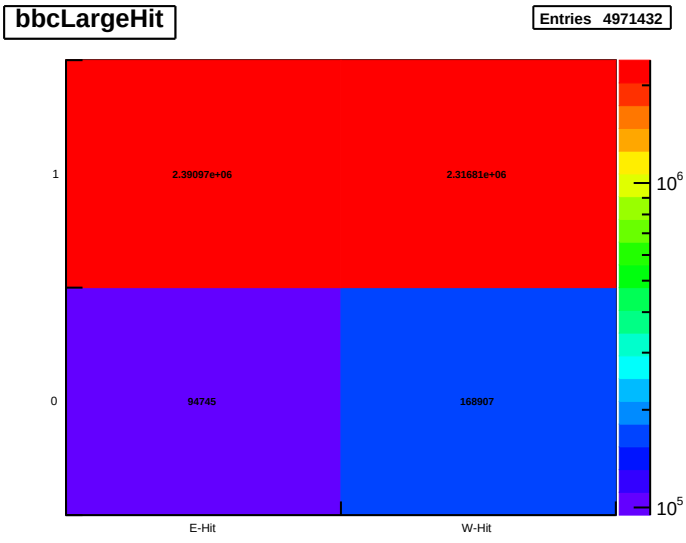

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

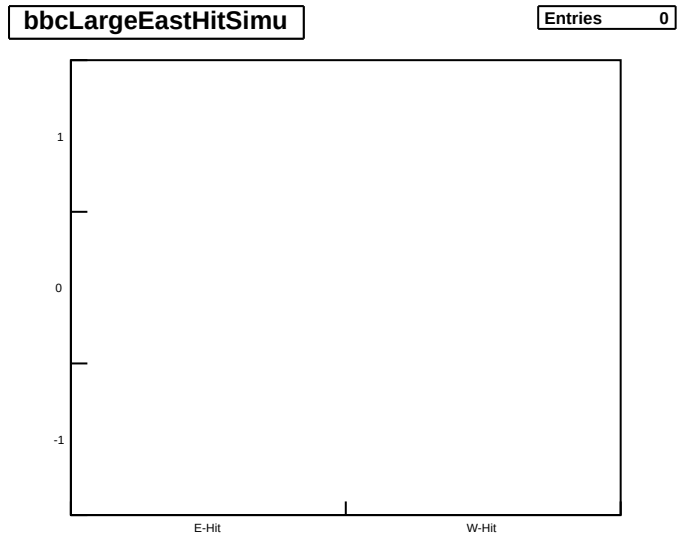

bbcSmallWestAdcSum
Entries2485716

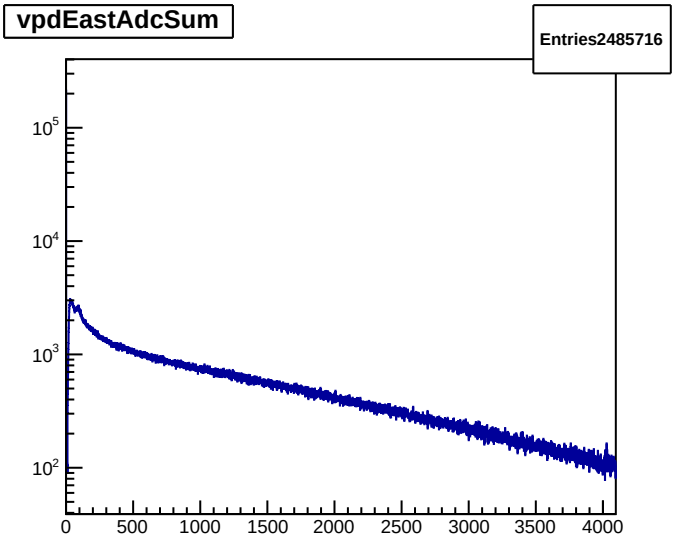

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

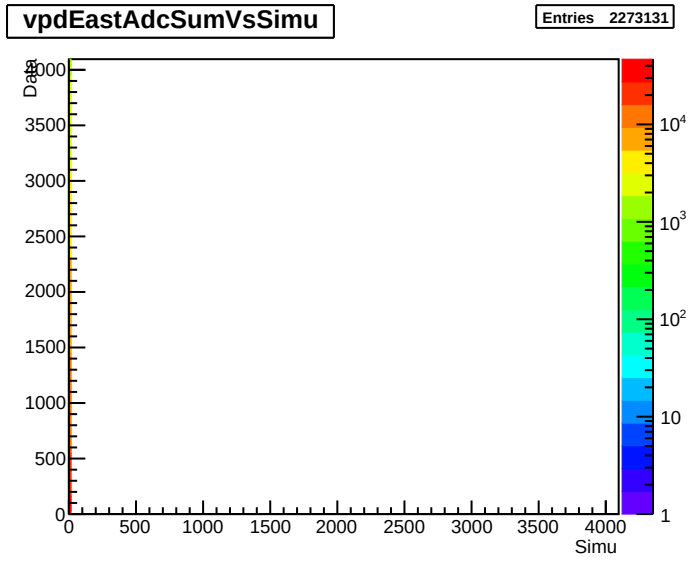

bbcSmallWestTacMax
Entries2485716

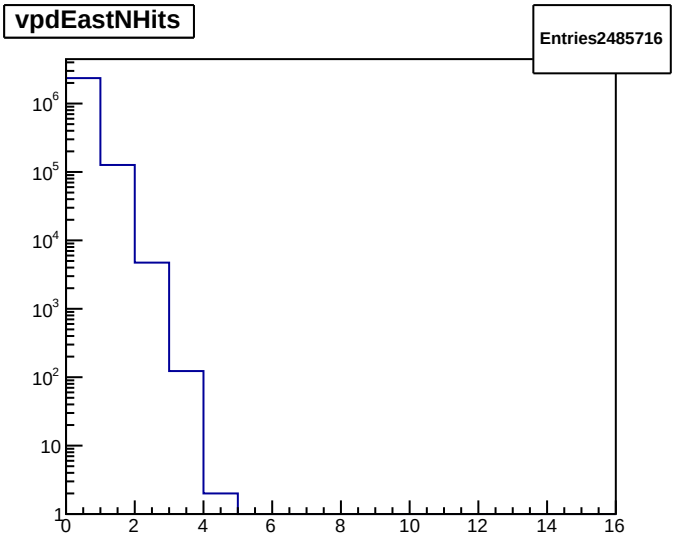

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

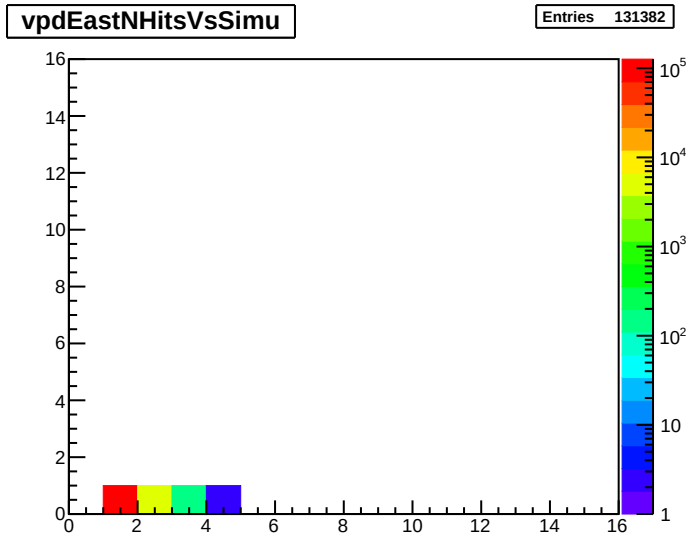

bbcLargeHit
Entries 4971432
2.39097e+06
2.31681e+06
94745
168907
1
0
E-Hit
W-Hit
$10^6$
$10^5$

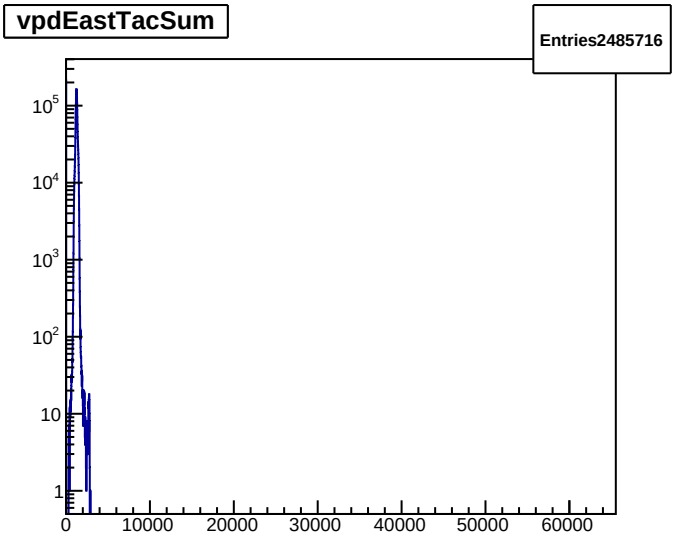

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

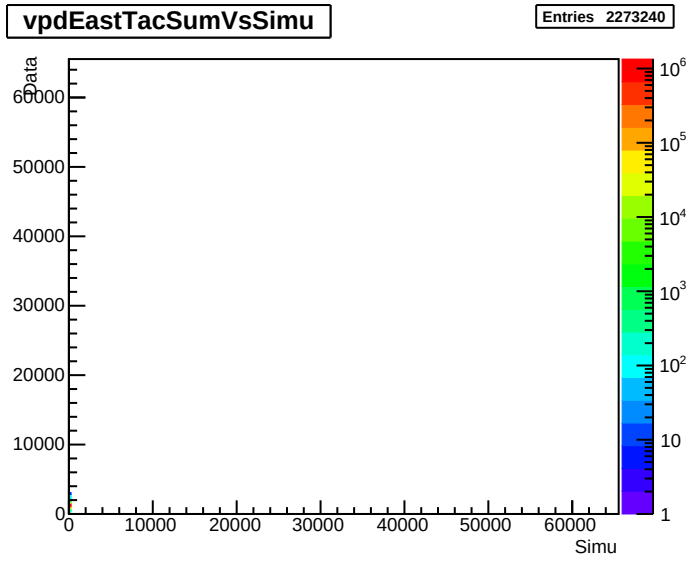

vpdEastAdcSum
Entries2485716

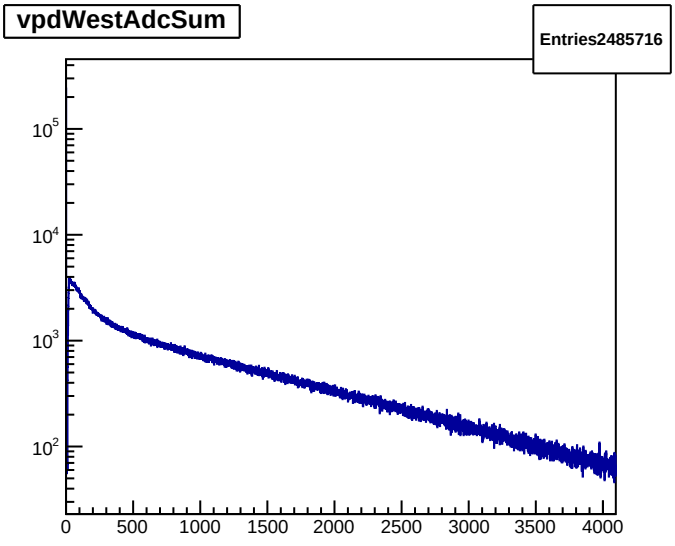

vpdEastAdcSumVsSimu
Entries 2273131
Data
Simu

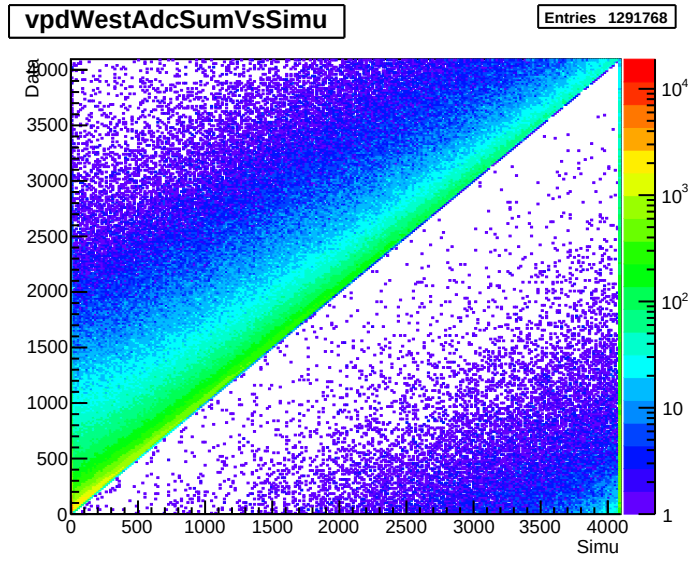

vpdEastNHits
Entries2485716

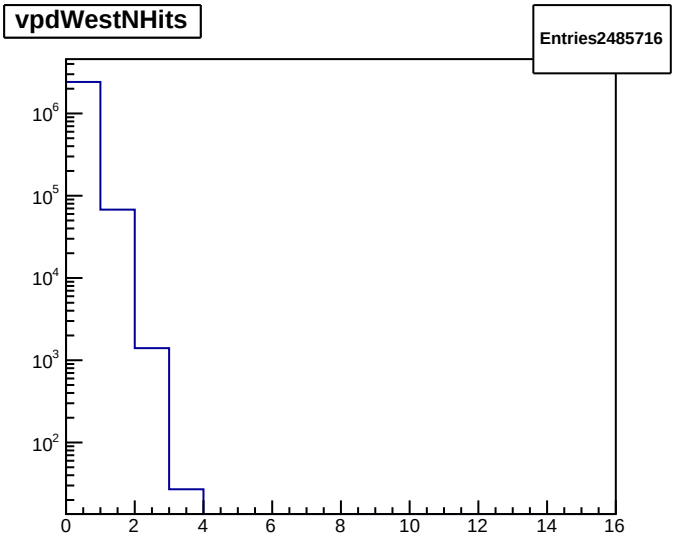

vpdEastNHitsVsSimu
Entries 131382

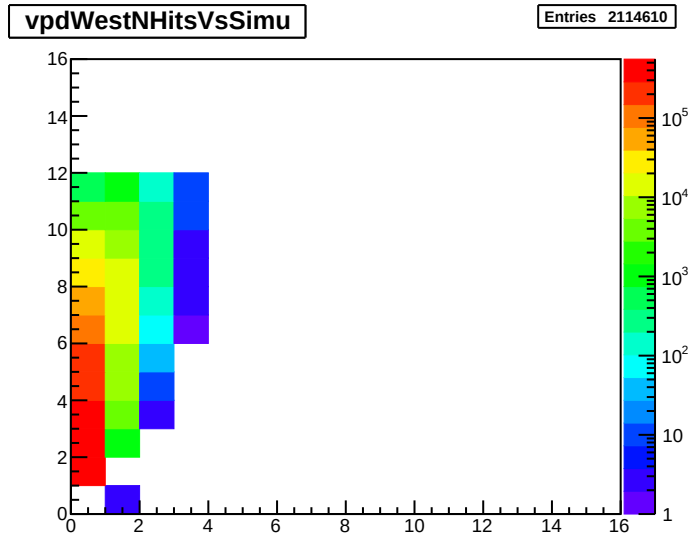

vpdEastTacSum
Entries2485716

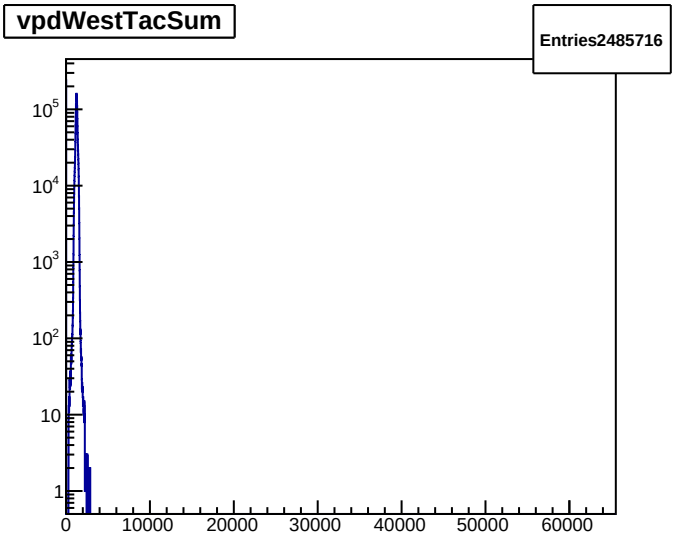

vpdEastTacSumVsSimu
Entries 2273240
Data
Simu

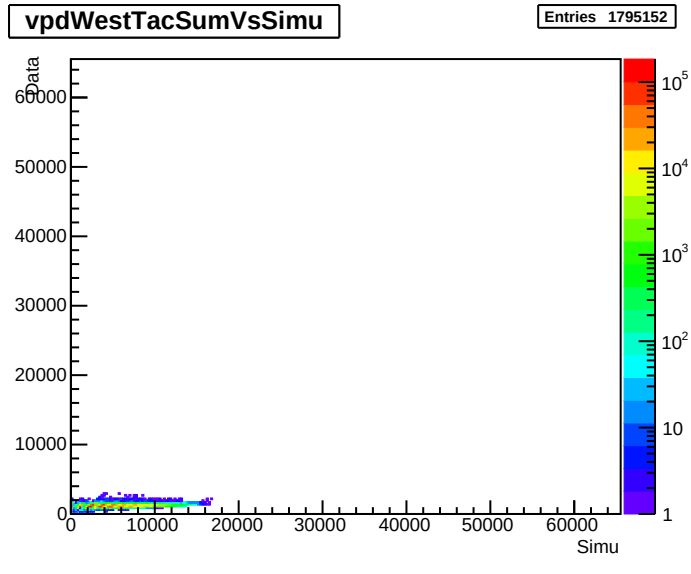

vpdWestAdcSum
Entries2485716

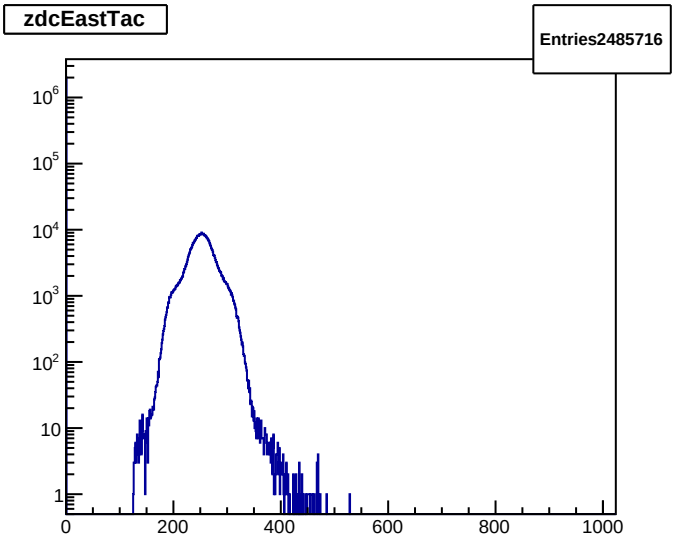

vpdWestAdcSumVsSimu
Entries 1291768
Data
Simu

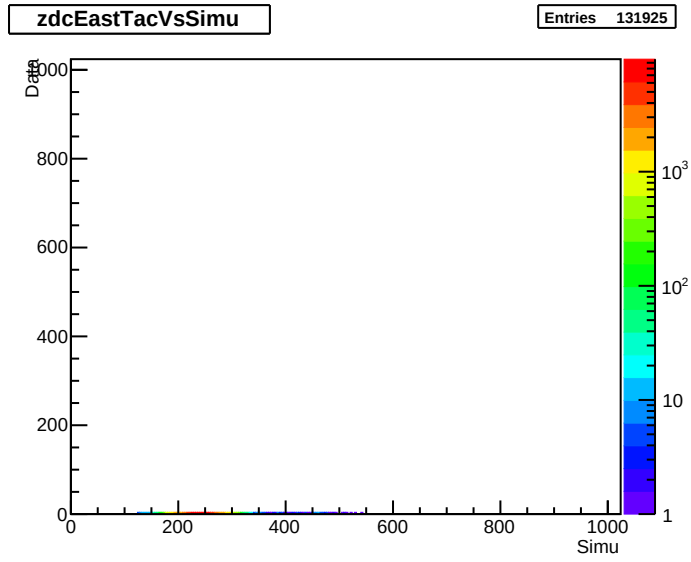

vpdWestNHits
Entries2485716

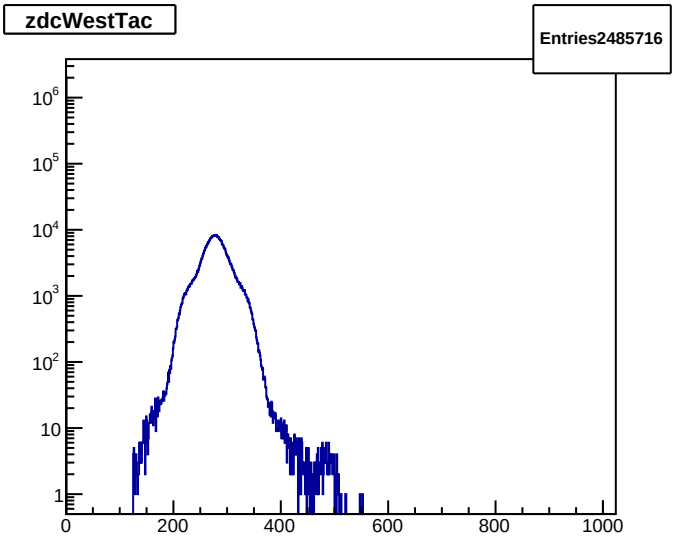

vpdWestNHitsVsSimu
Entries 2114610

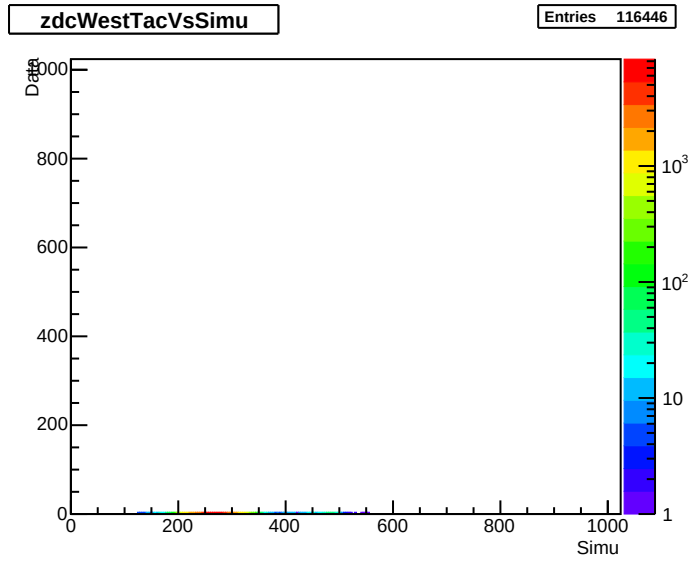

vpdWestTacSum
Entries2485716

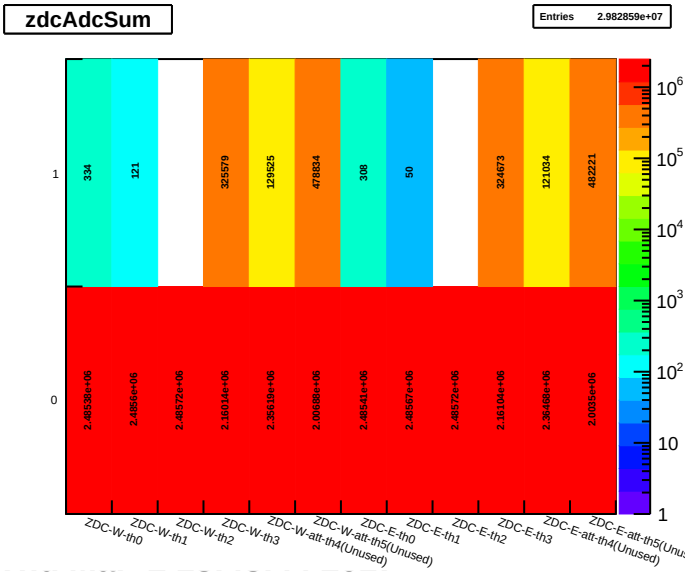

vpdWestTacSumVsSimu
Entries 1795152
Data
Simu

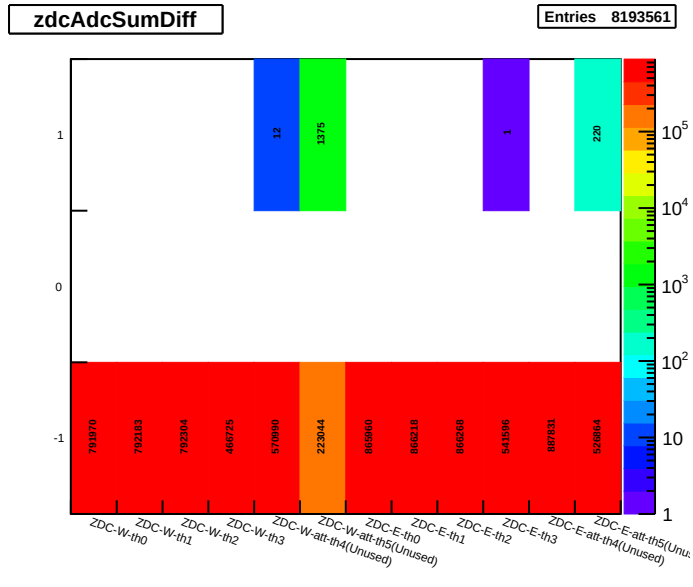

zdcEastTac
Entries2485716

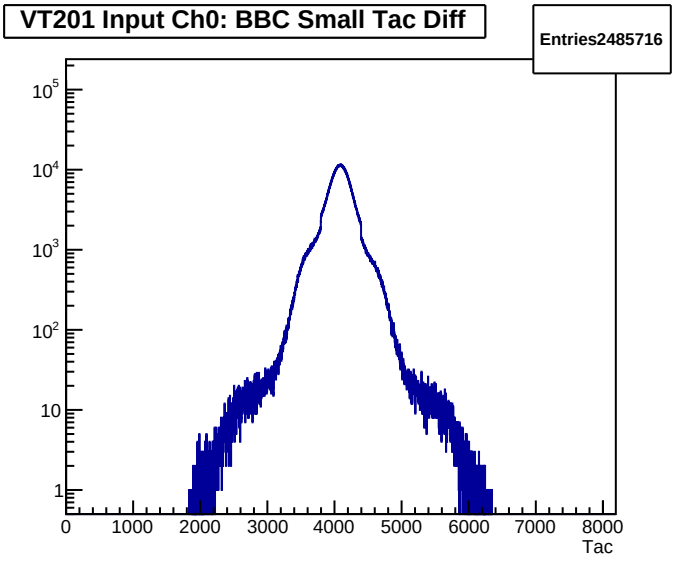

zdcEastTacVsSimu
Entries 131925
Data
Simu

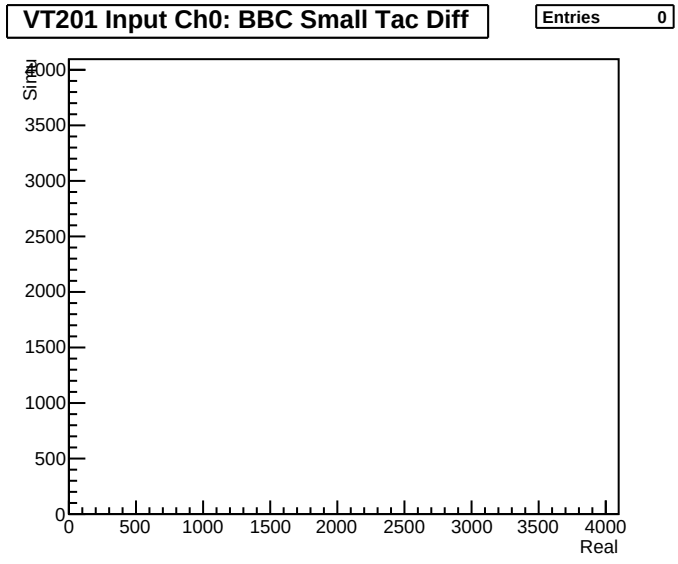

zdcWestTac
Entries2485716

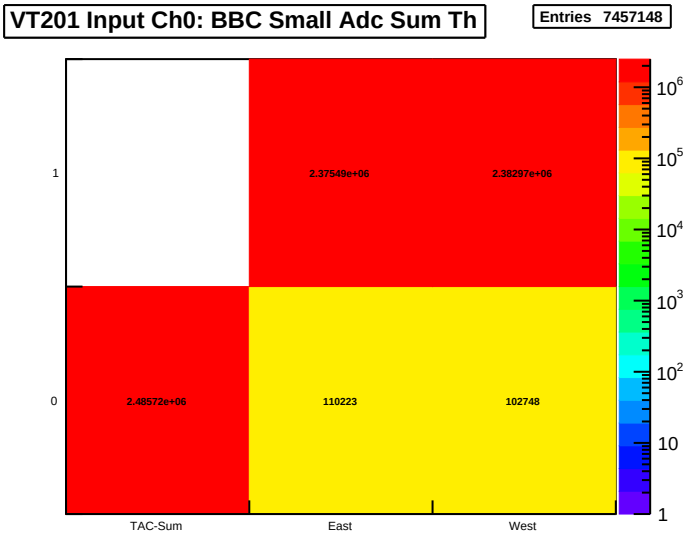

zdcWestTacVsSimu
Entries 116446
Data
Simu

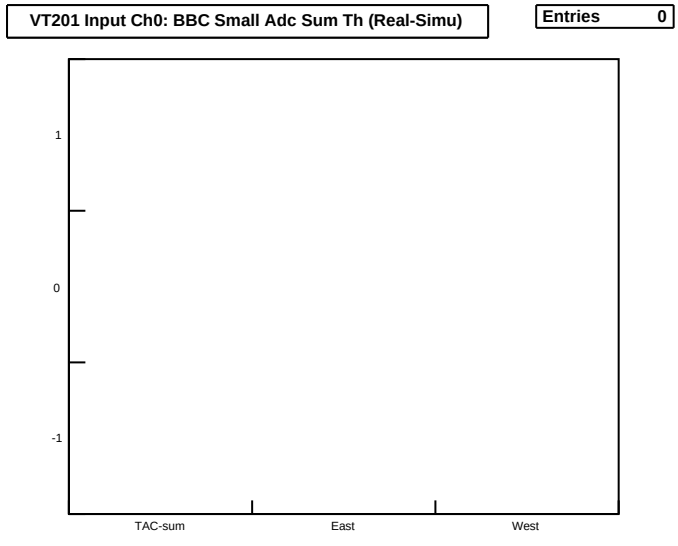

zdcAdcSum
Entries 2.982859e+07
334
121
325579
129525
479834
308
50
324673
121034
482221
2.49538e+06
2.4856e+06
2.49572e+06
2.16014e+06
2.35619e+06
2.00688e+06
2.49541e+06
2.49567e+06
2.49572e+06
2.16104e+06
2.36468e+06
2.0035e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

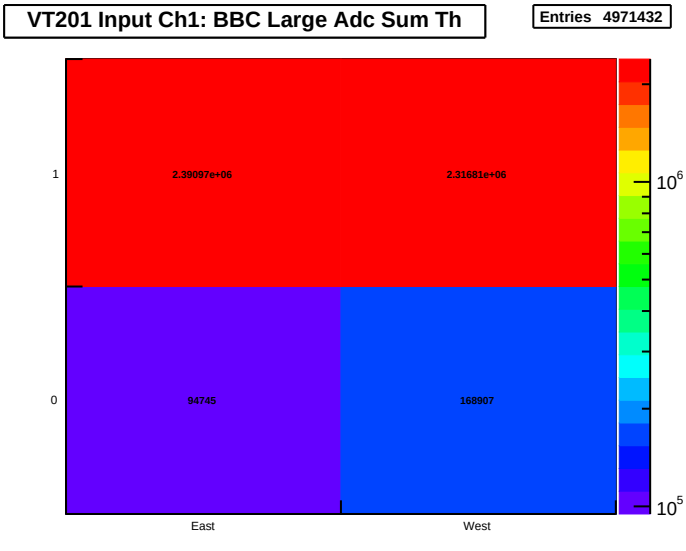

zdcAdcSumDiff
Entries 8193561
12
1375
1
220
791970
792183
792304
460725
570990
223044
865960
866218
862268
541596
887831
526864
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

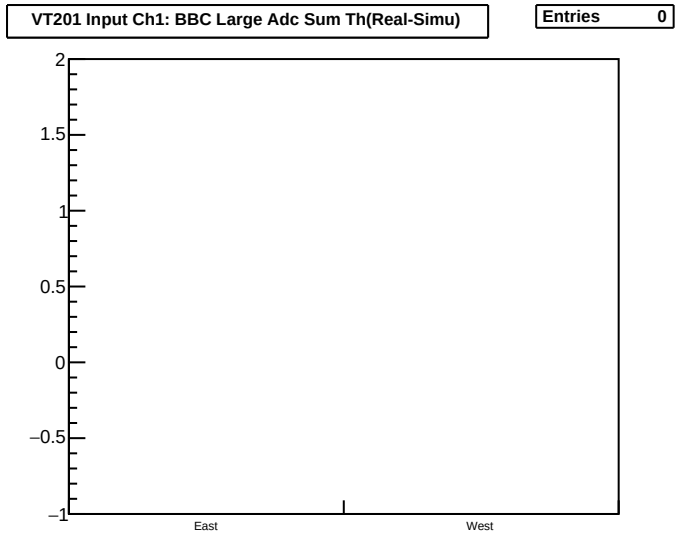

VT201 Input Ch0: BBC Small Tac Diff
Entries2485716
Tac


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

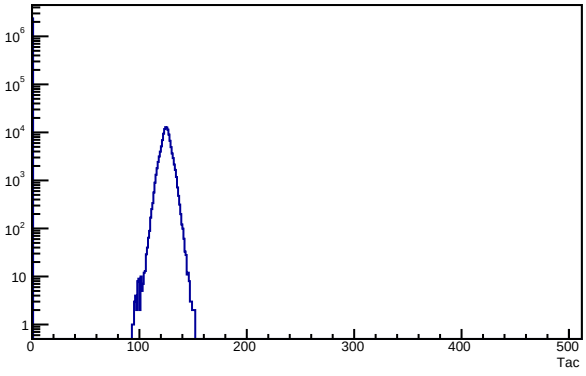

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7457148
2.37549e+06
2.38297e+06
2.48572e+06
110223
102748
TAC-Sum
East
West


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

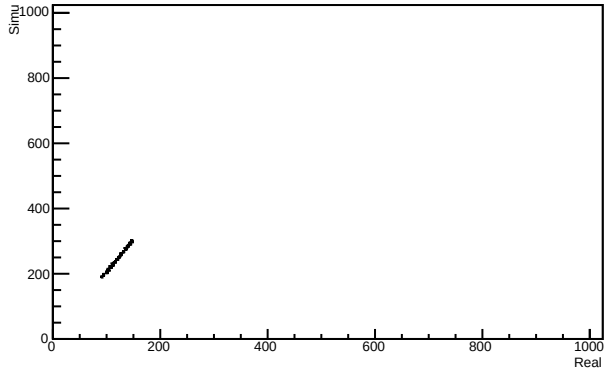

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4971432
2.39097e+06
2.31681e+06
94745
168907
East
West


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

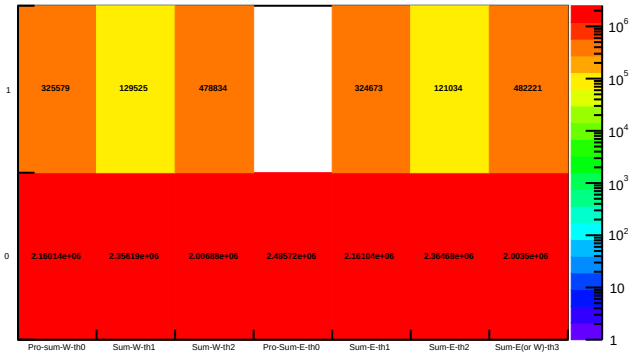
**VT201 Input Ch2: ZDC Tac Diff**



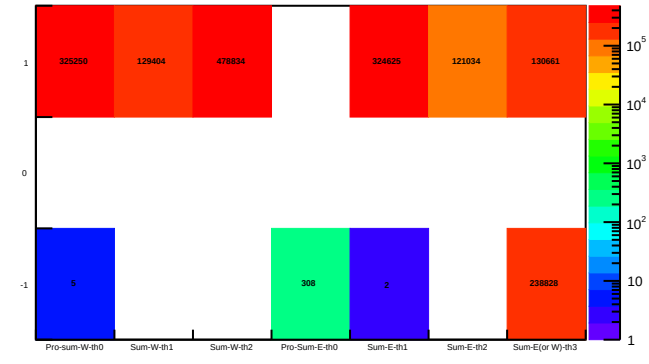

**VT201 Input Ch2: ZDC Tac Diff**



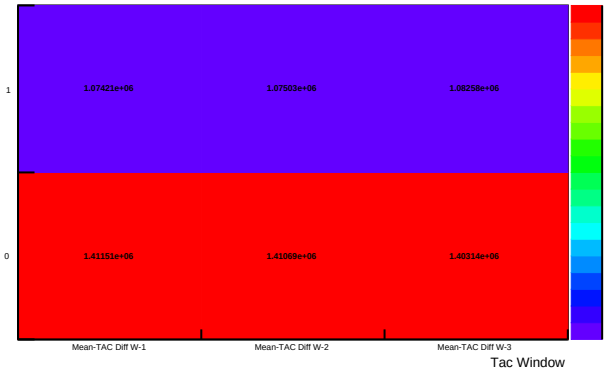

**VT201 Input Ch2: ZDC Adc Sum Th**



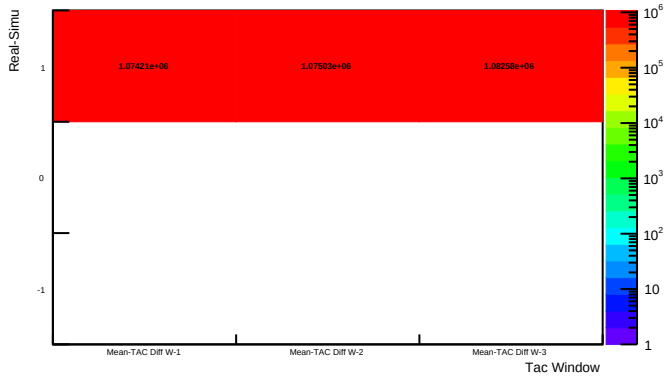

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



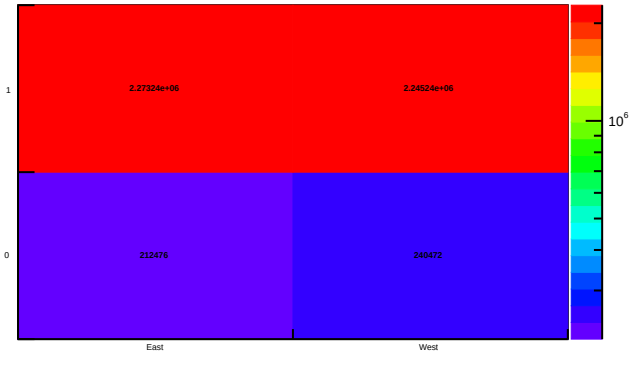

**VT201 Input Ch4: VPD Tac Diff**



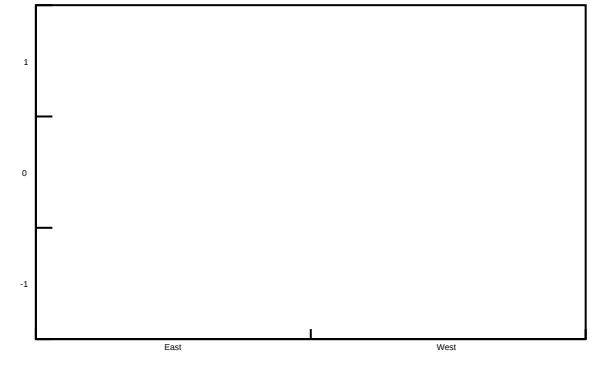

**VT201 Input Ch4: VPD Tac Diff**

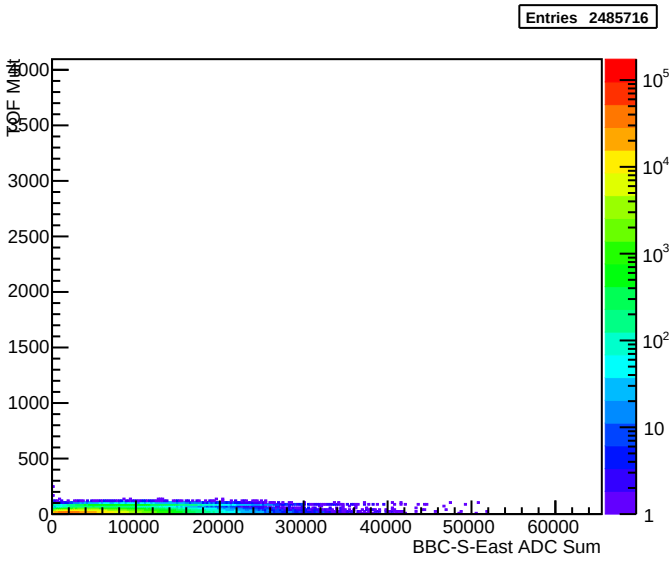


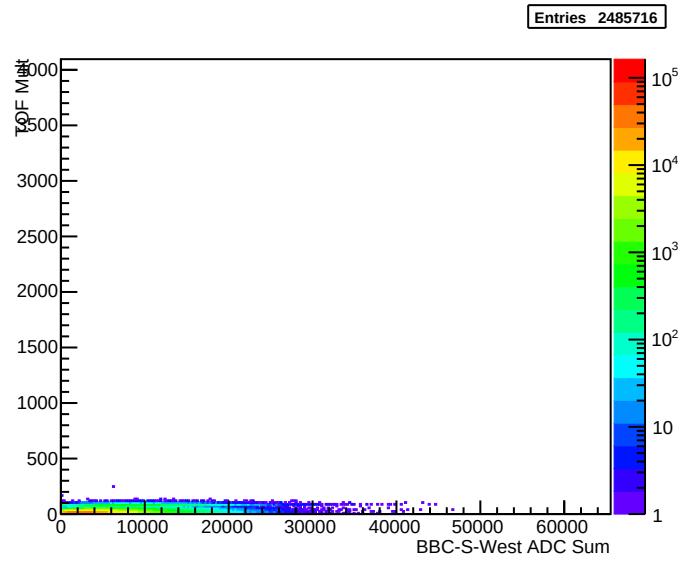

**VT201 Input Ch4: VPD Adc Sum Th**

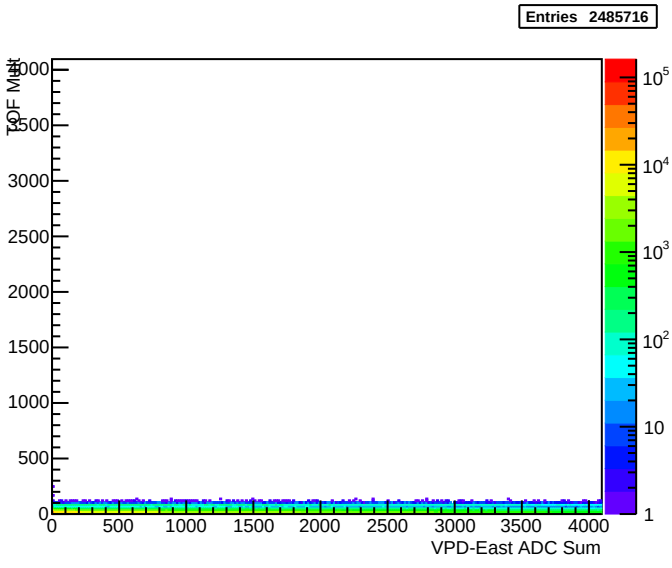


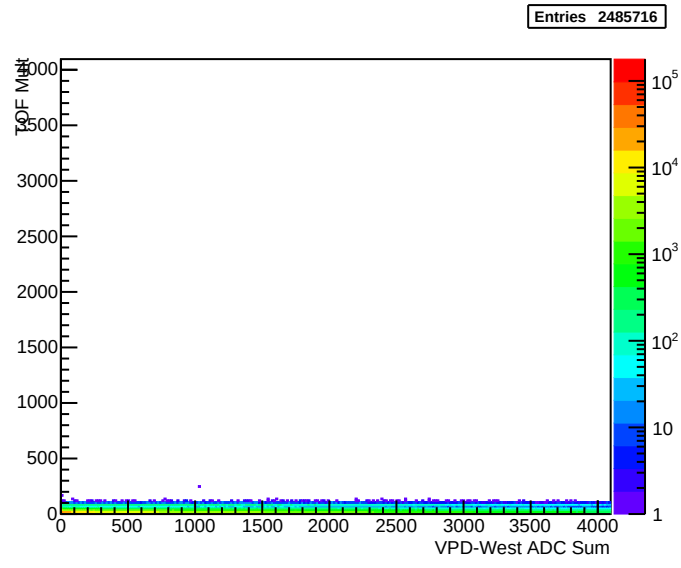

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

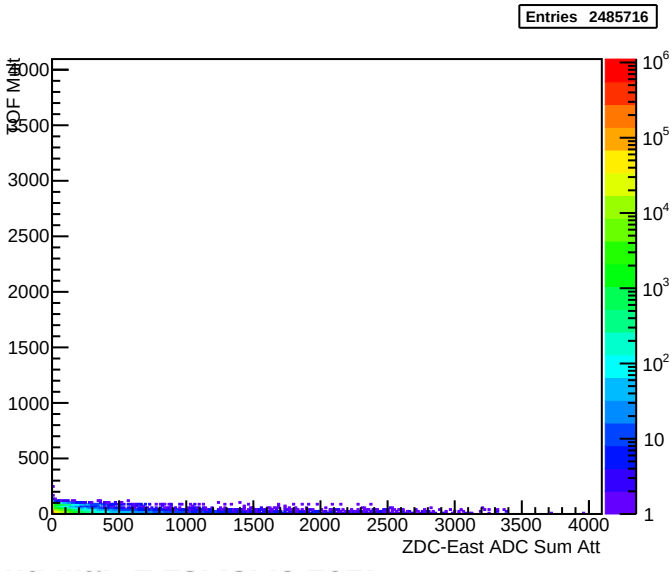


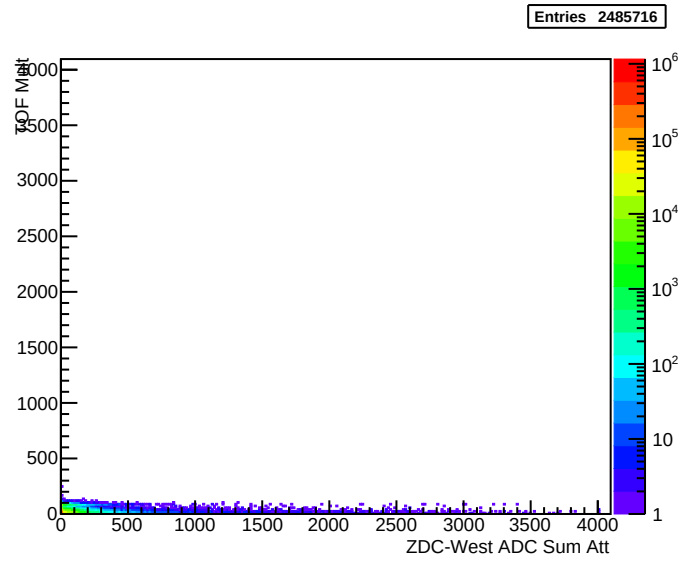

Entries 2485716
TOF Mult
BBC-S-East ADC Sum

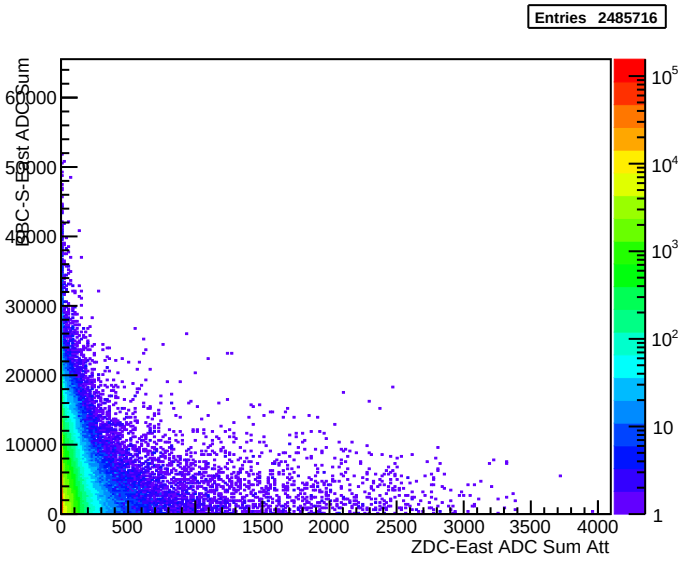

Entries 2485716
TOF Mult
BBC-S-West ADC Sum

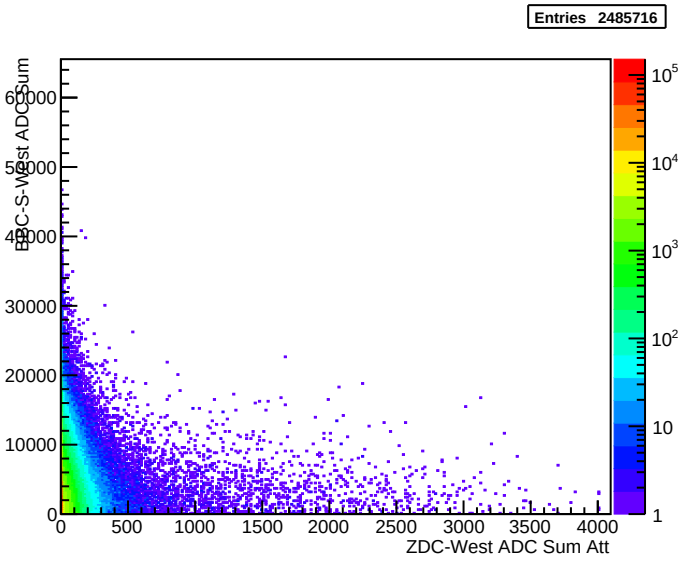

Entries 2485716
TOF Mult
VPD-East ADC Sum

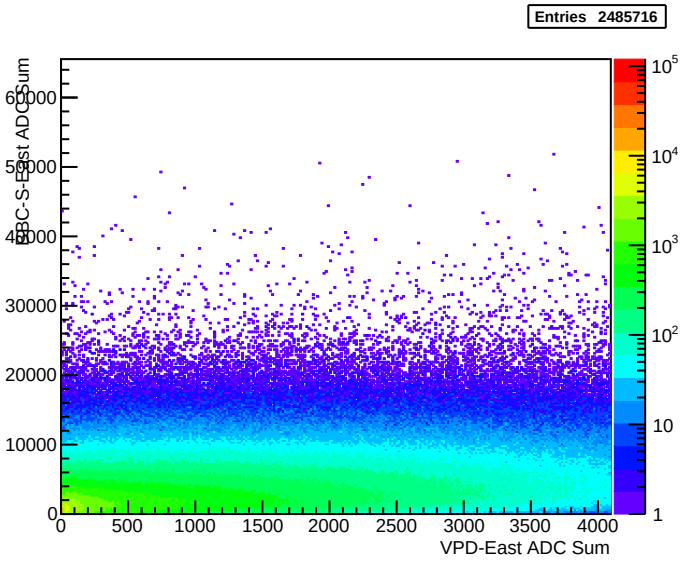

Entries 2485716
TOF Mult
VPD-West ADC Sum

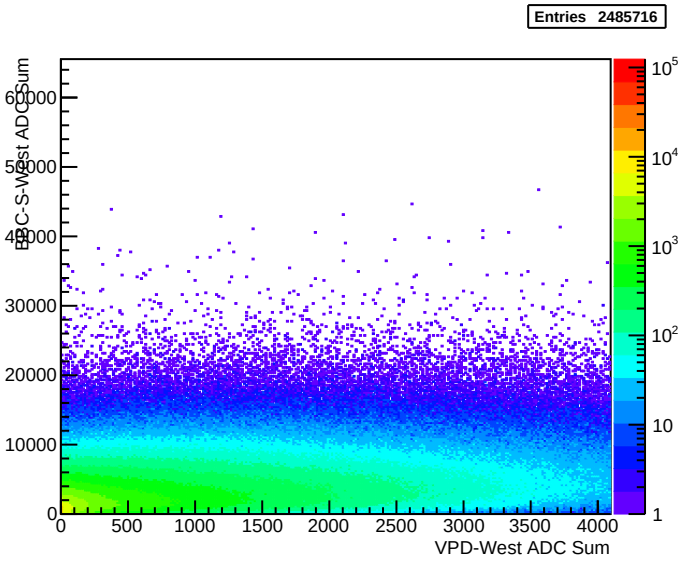

Entries 2485716
TOF Mult
ZDC-East ADC Sum Att

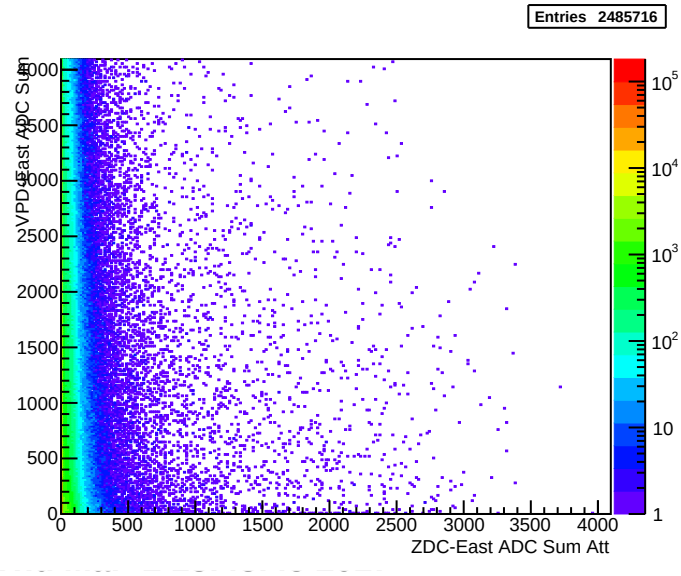

Entries 2485716
TOF Mult
ZDC-West ADC Sum Att

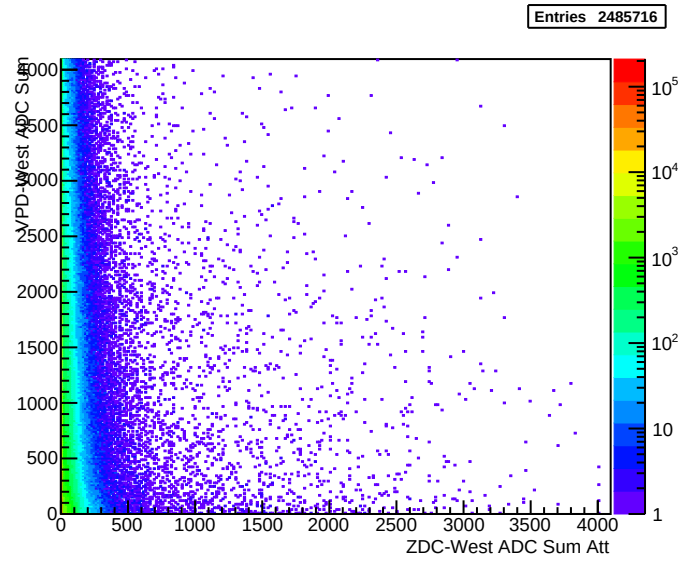

Entries 2485716
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

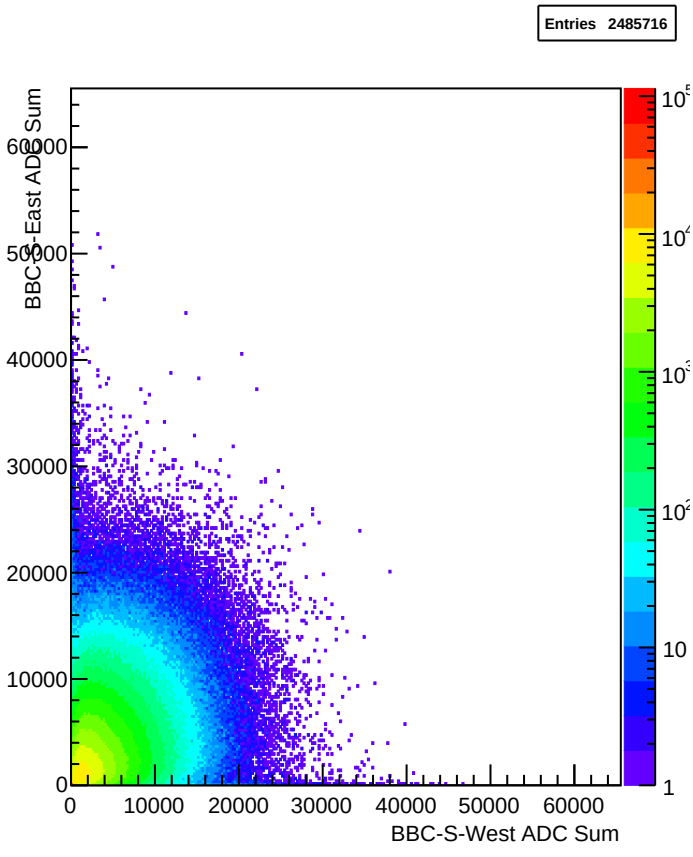

Entries 2485716
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

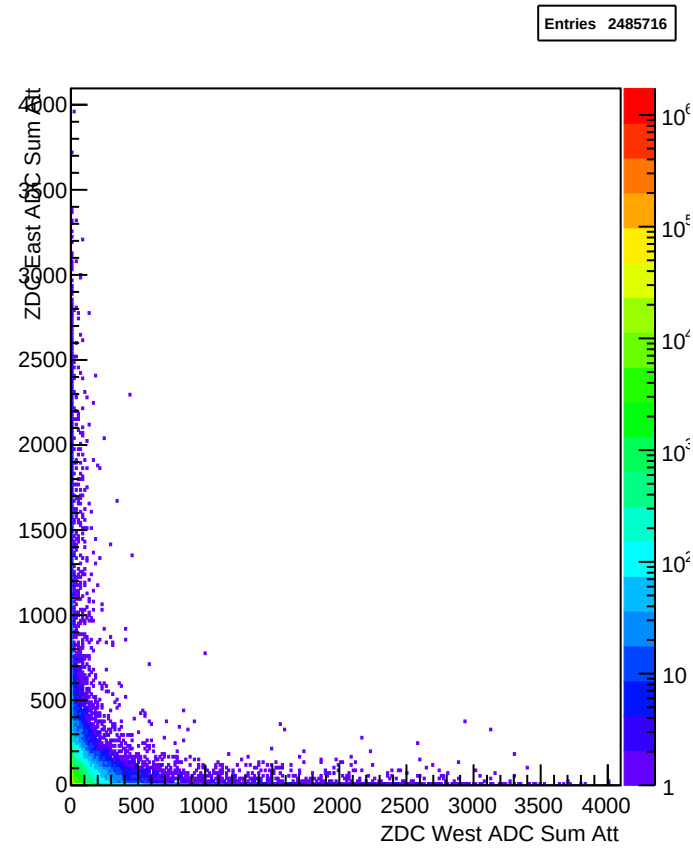

Entries 2485716
BBC-S-East ADC Sum
VPD-East ADC Sum

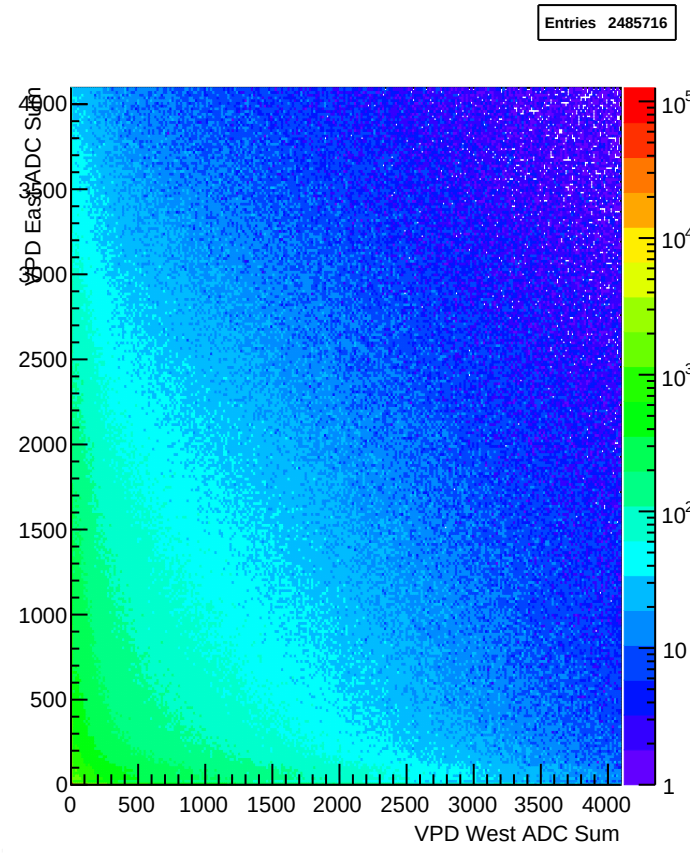

Entries 2485716
BBC-S-West ADC Sum
VPD-West ADC Sum

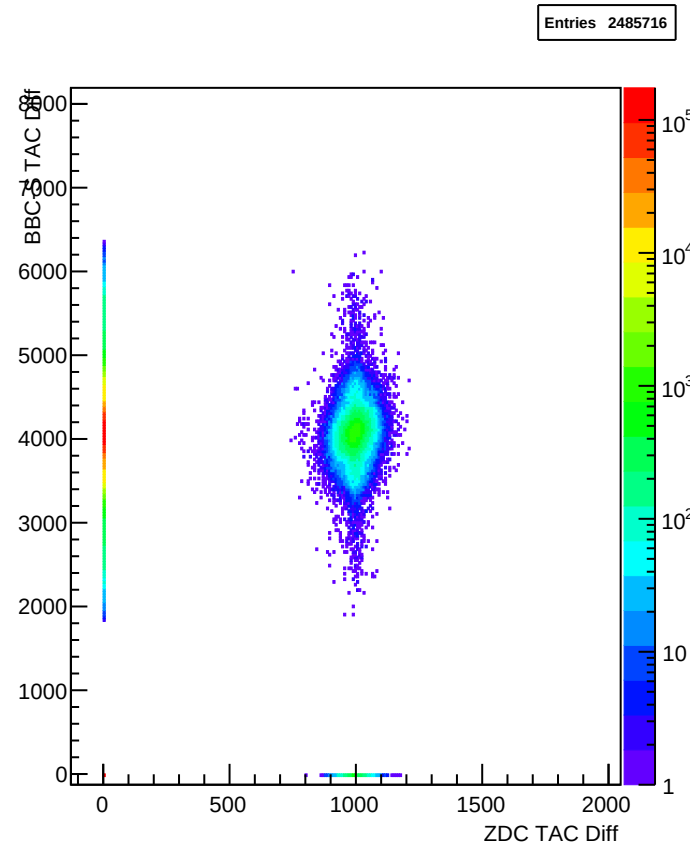

Entries 2485716
VPD-East ADC Sum
ZDC-East ADC Sum Att

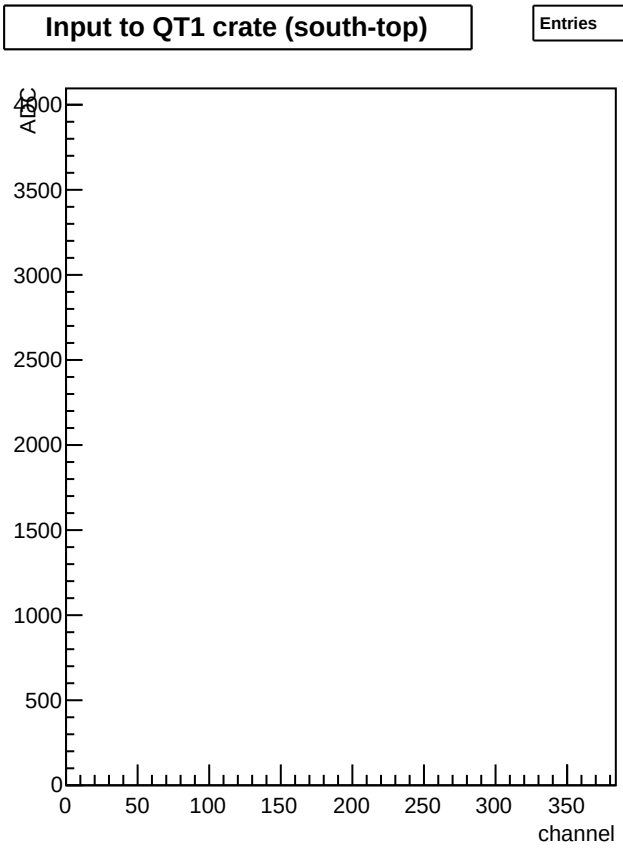

Entries 2485716
VPD-West ADC Sum
ZDC-West ADC Sum Att

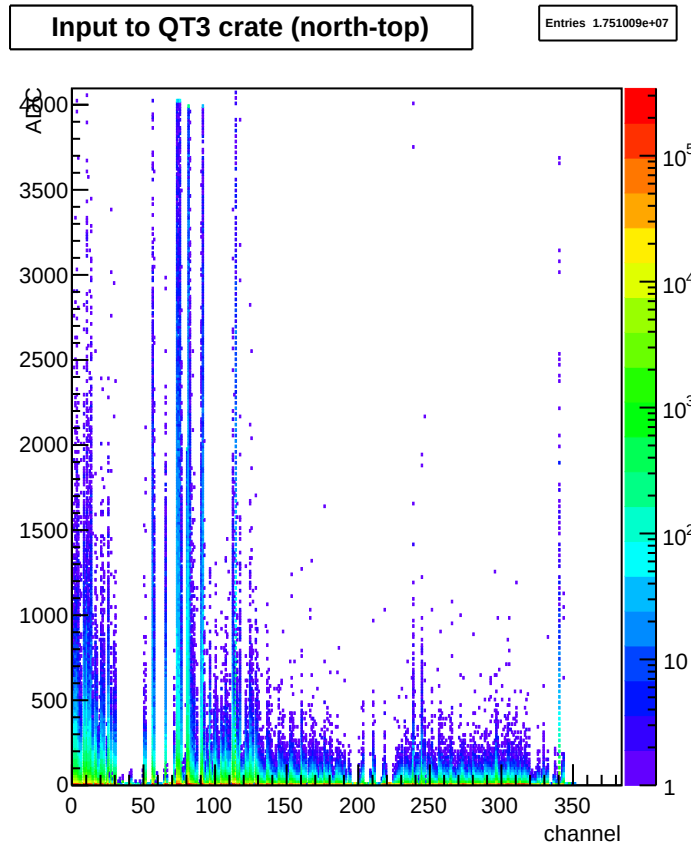

Entries 2485716
BBC-S-East ADC Sum
BBC-S-West ADC Sum

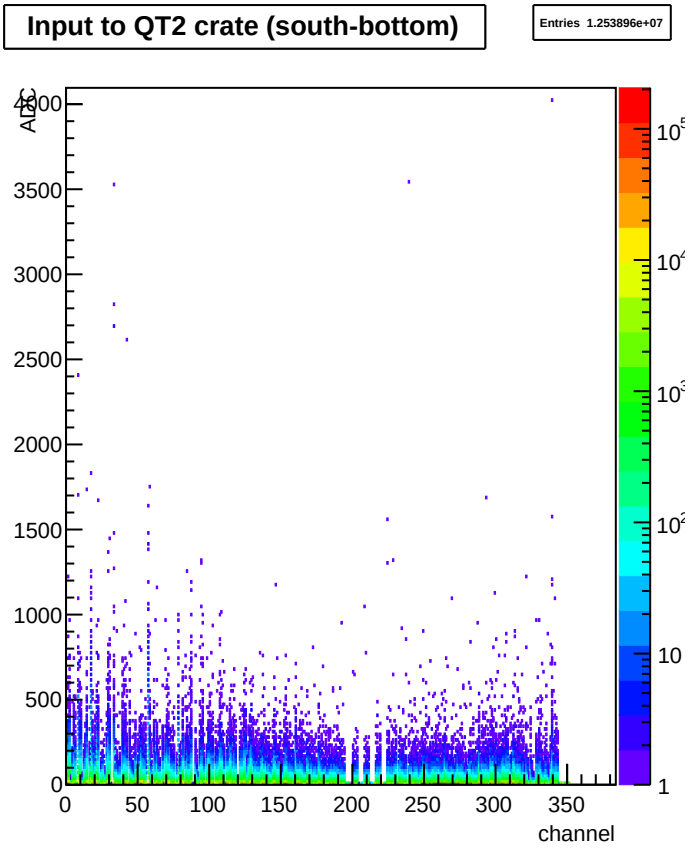

Entries 2485716
ZDC East ADC Sum Att
ZDC West ADC Sum Att

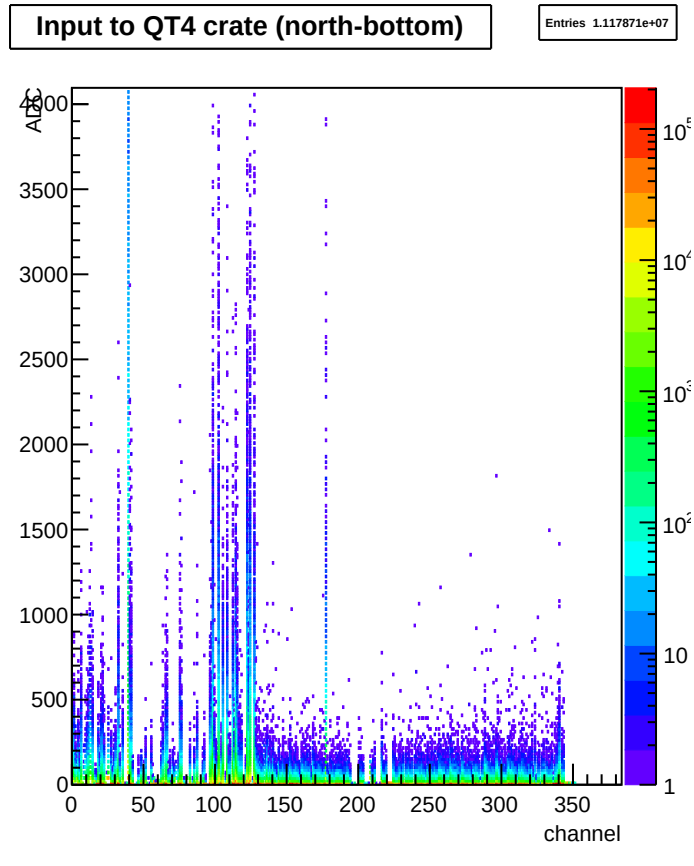

Entries 2485716
VPD East ADC Sum
VPD West ADC Sum

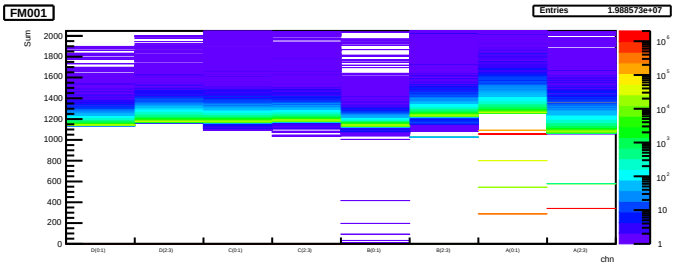

Entries 2485716
BBC-S TAC Diff
ZDC TAC Diff

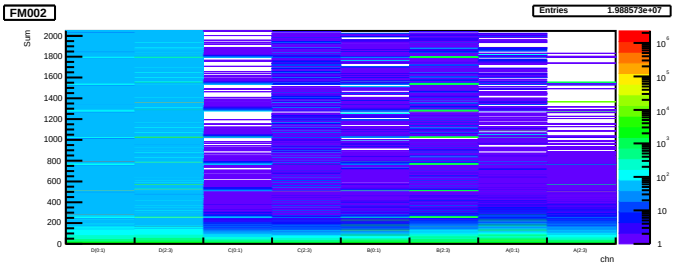

Input to QT1 crate (south-top)
Entries 0
ADC
channel

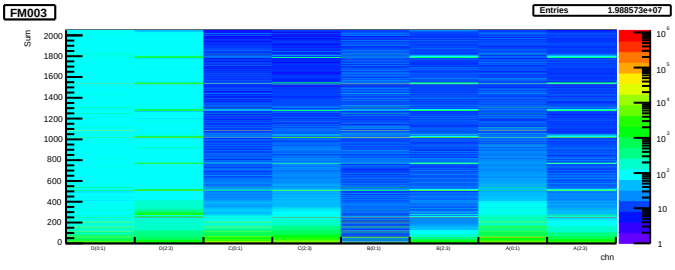

Input to QT3 crate (north-top)
Entries 1.751009e+07
ADC
channel

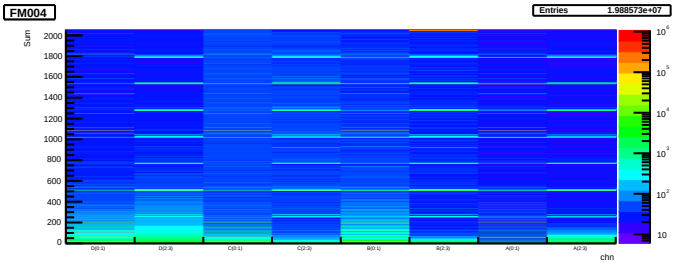

Input to QT2 crate (south-bottom)
Entries 1.253896e+07
ADC
channel

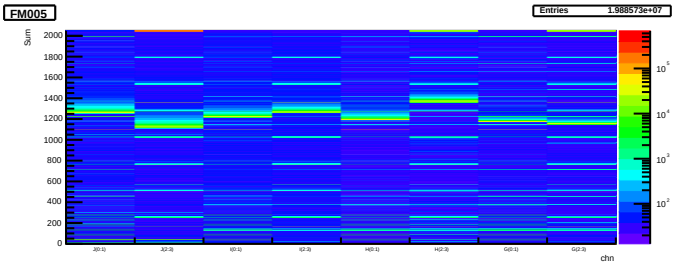

Input to QT4 crate (north-bottom)
Entries 1.117871e+07
ADC
channel


FM001
Entries 1.988573e+07
Sum
chn


FM002
Entries 1.988573e+07
Sum
chn


FM003
Entries 1.988573e+07
Sum
chn


FM004
Entries 1.988573e+07
Sum
chn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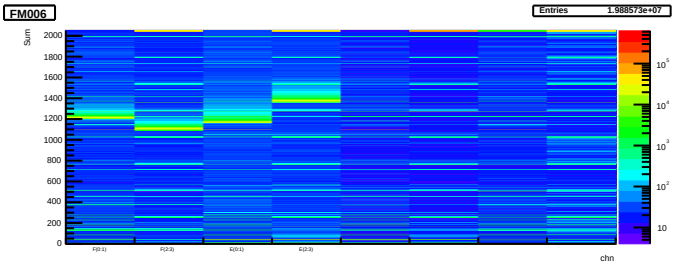
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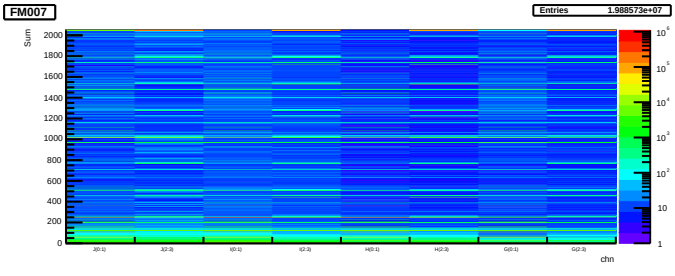
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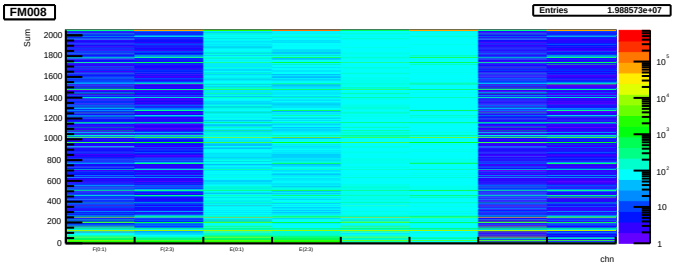
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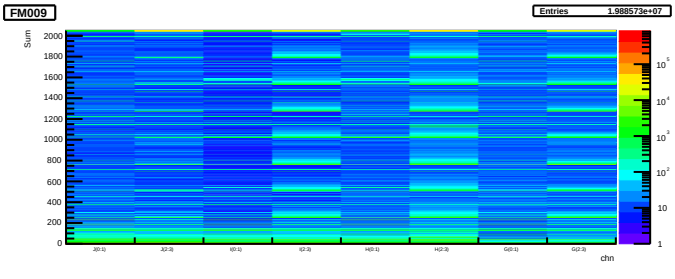
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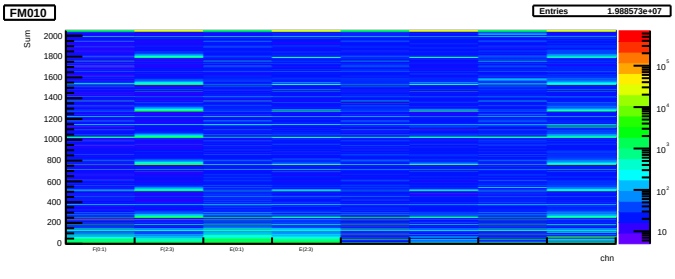
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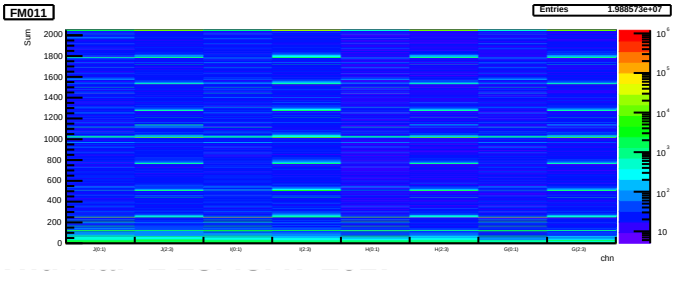
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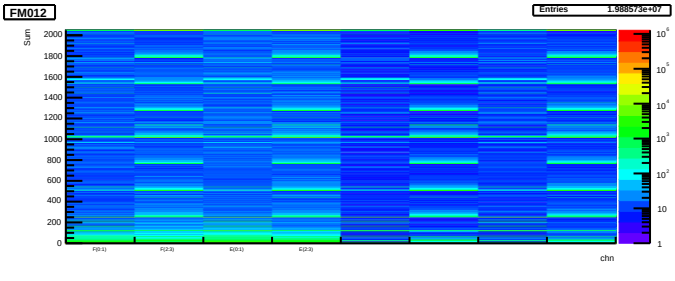
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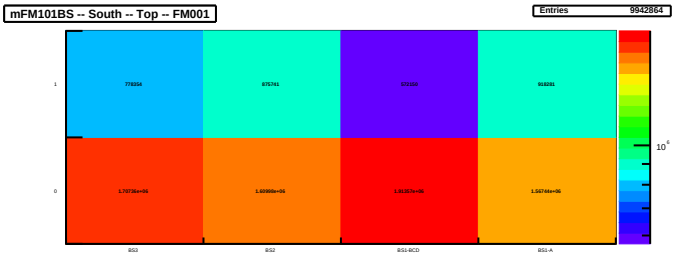
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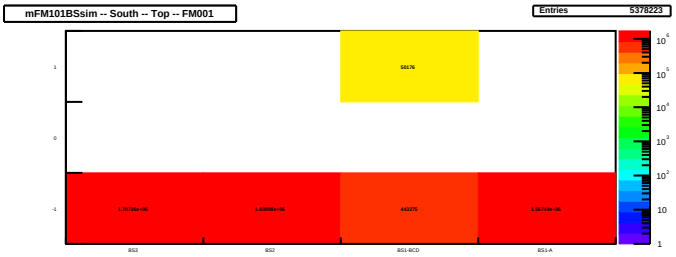
mFM101BSsim -- South -- Top -- FM001
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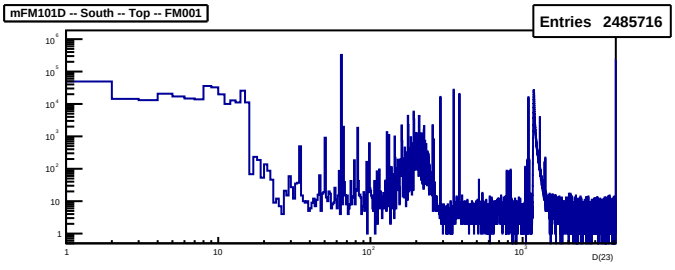
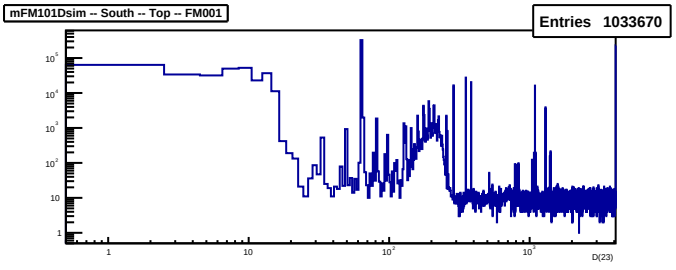

mFM101D -- South -- Top -- FM001
Entries 2485716
D(23)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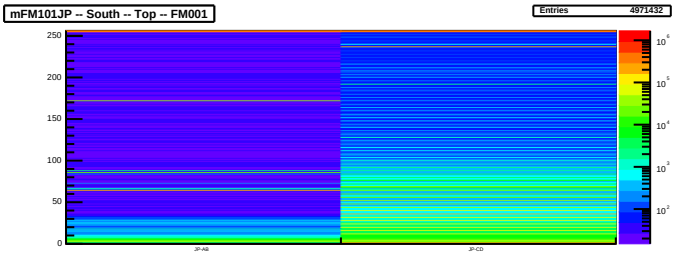
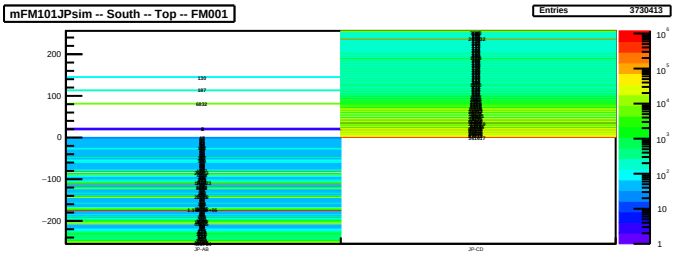
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4971432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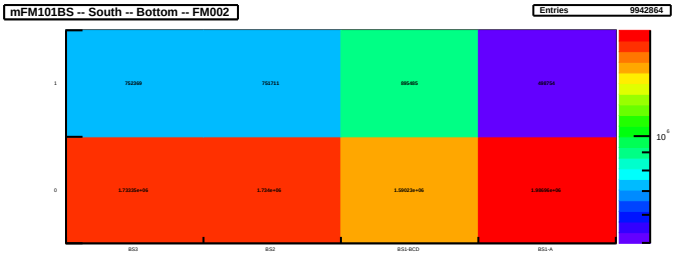
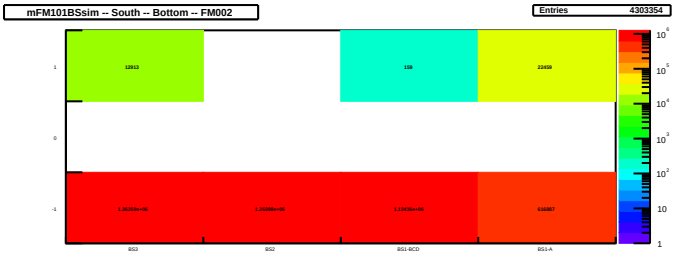

mFM101BS -- South -- Bottom -- FM002
Entries 9942864


mFM101BSsim -- South -- Bottom -- FM002
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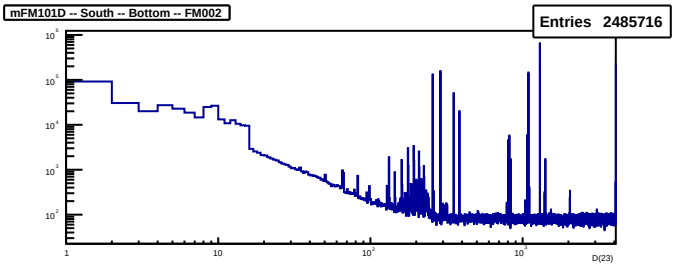
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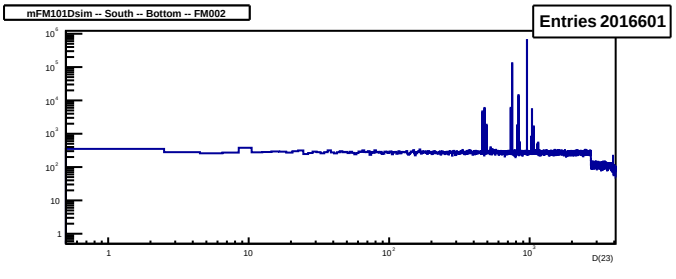
Entries 2485716
D(23)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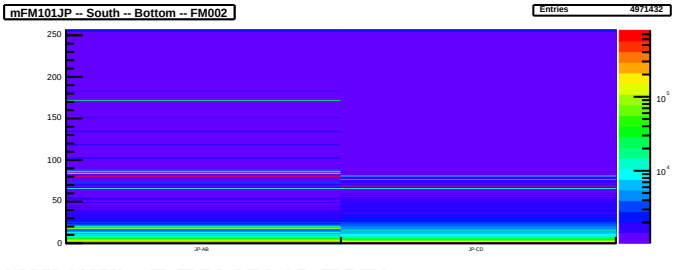
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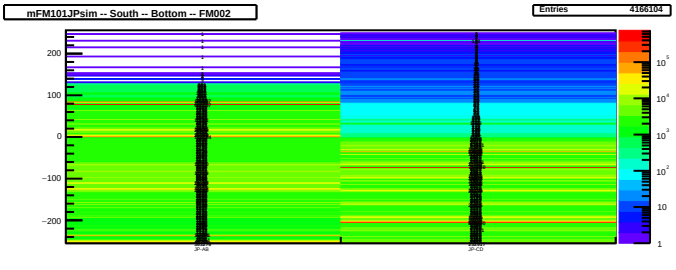
Entries 4971432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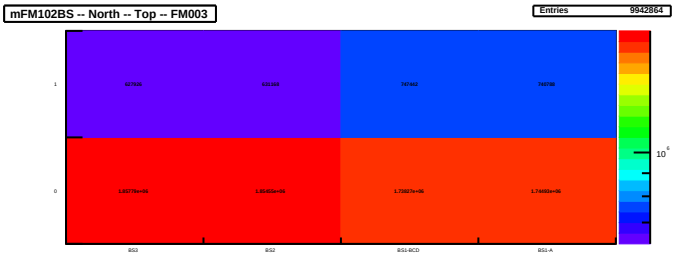
mFM102BS -- North -- Top -- FM003
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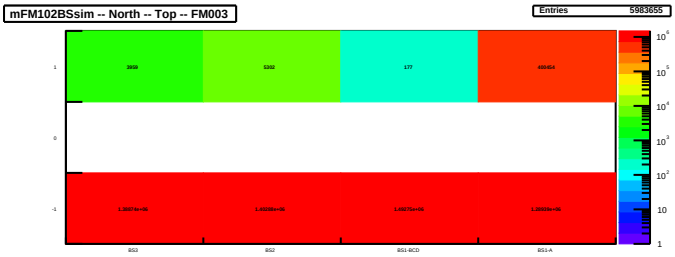
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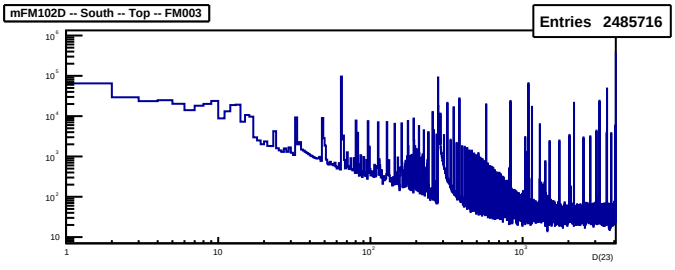
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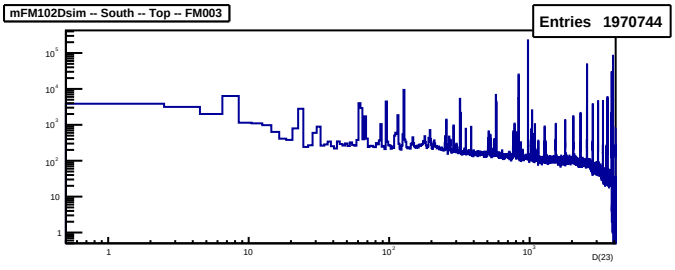
D(23)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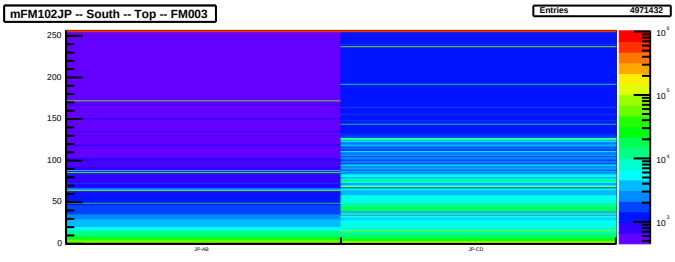
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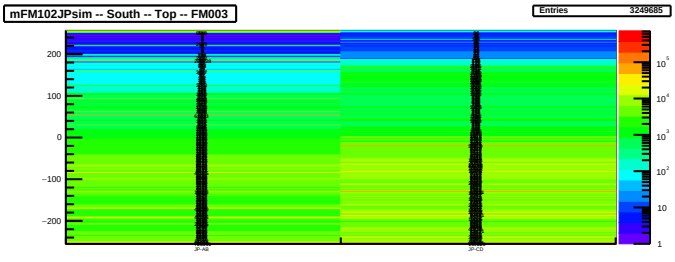
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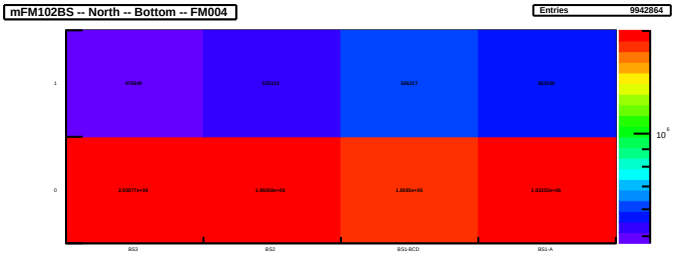
mFM102BS -- North -- Bottom -- FM004
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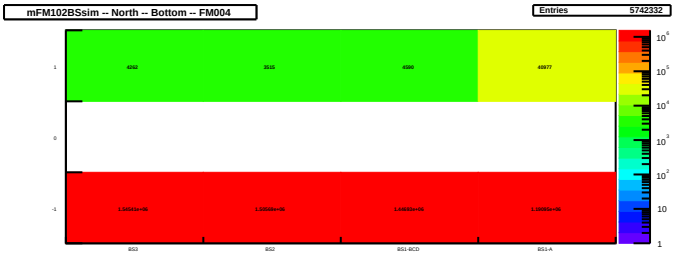
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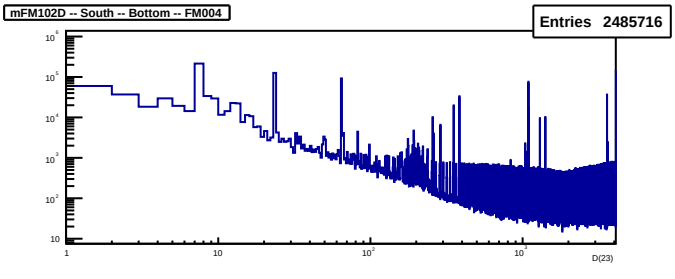
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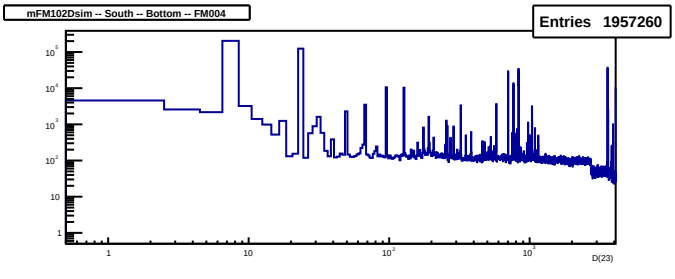
D(23)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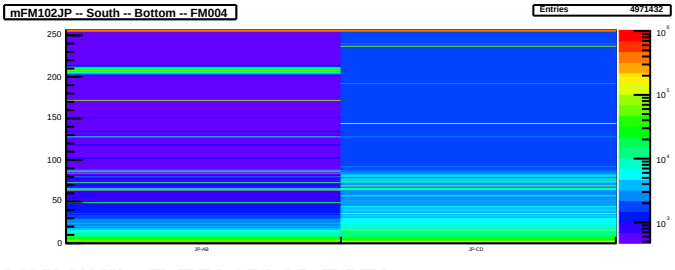
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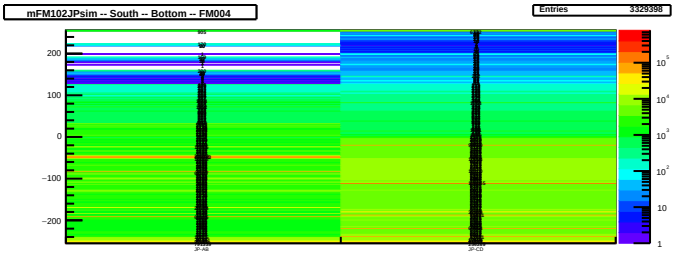
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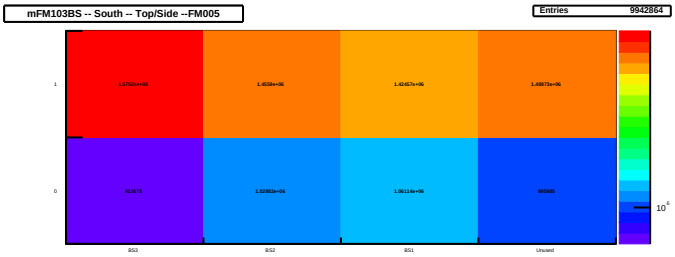
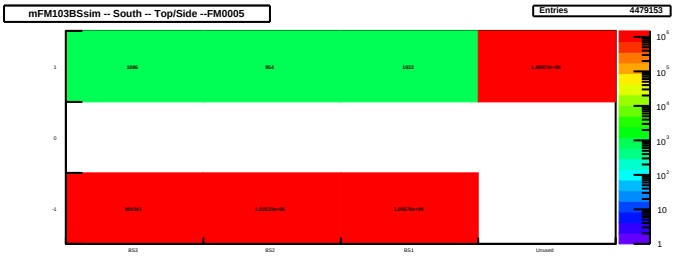

mFM103BS -- South -- Top/Side --FM005
Entries 9942864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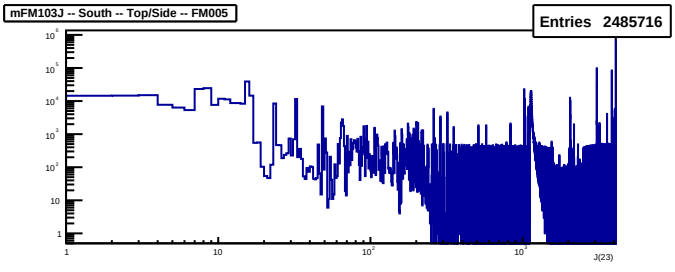
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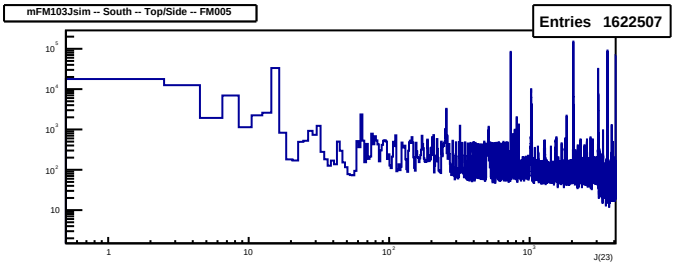
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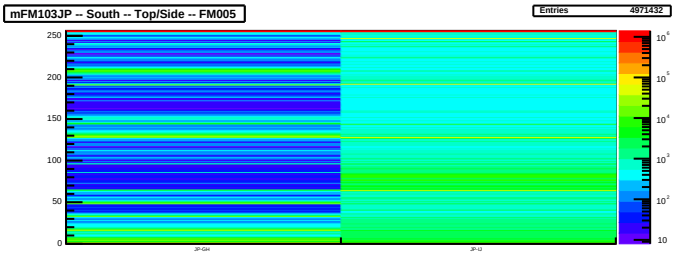
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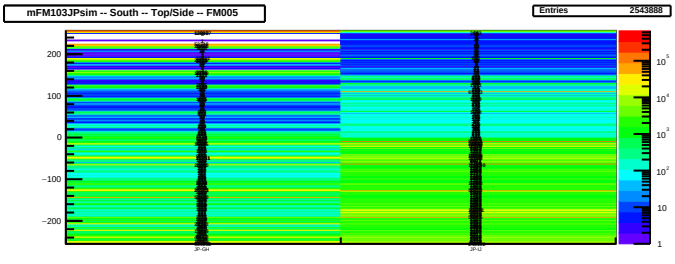
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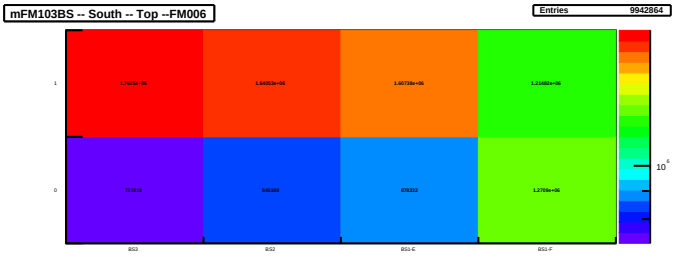
mFM103BS -- South -- Top --FM006
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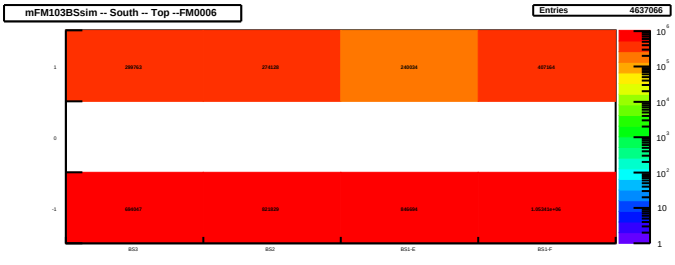
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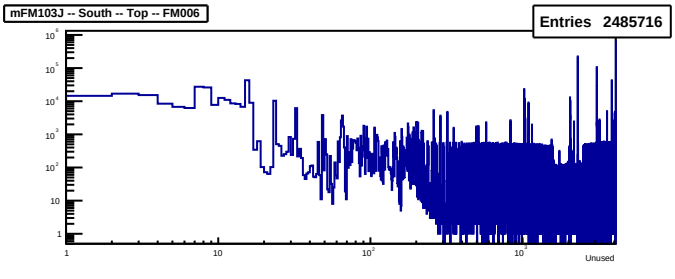
mFM103J -- South -- Top -- FM006
Entries 2485716
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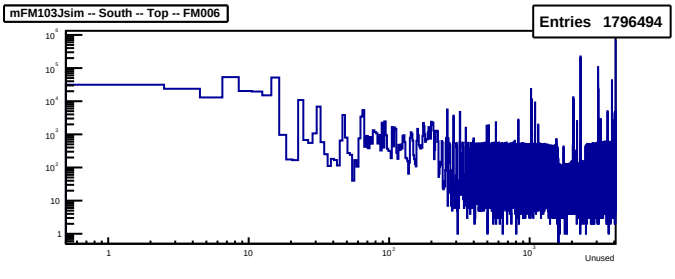
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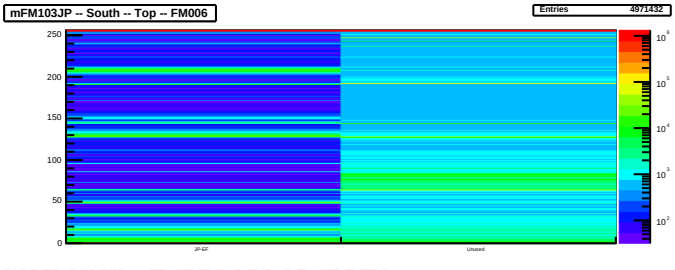
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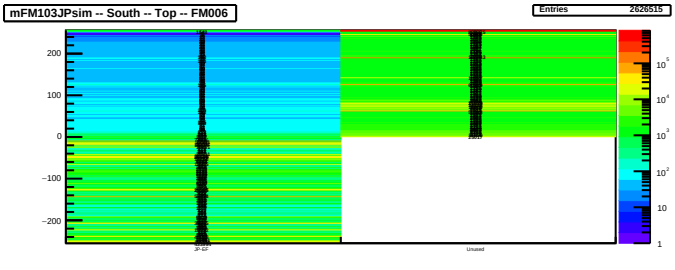
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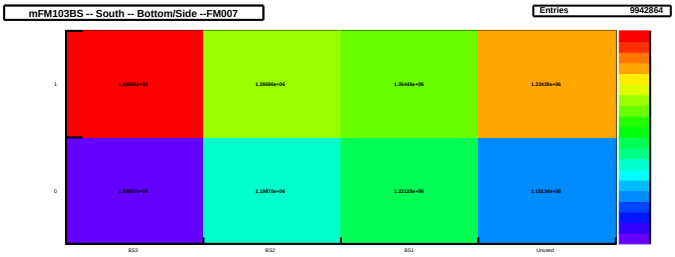
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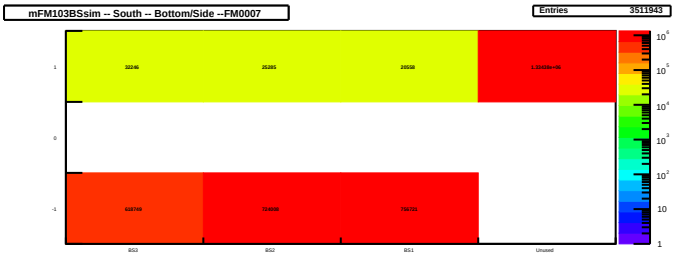
Entries 9942864
BS3
BS2
BS1
Unused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BS3
BS2
BS1
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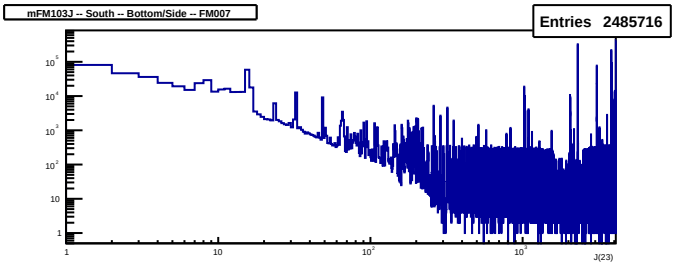
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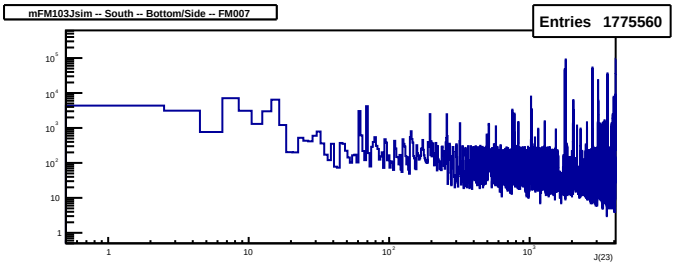
J(23)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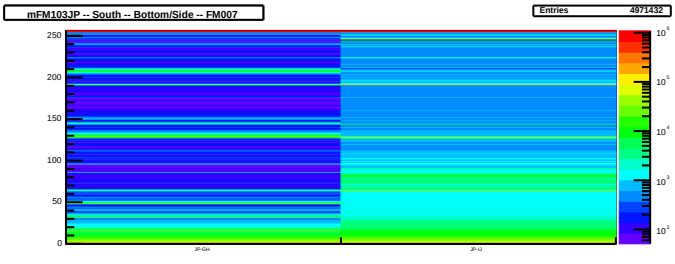
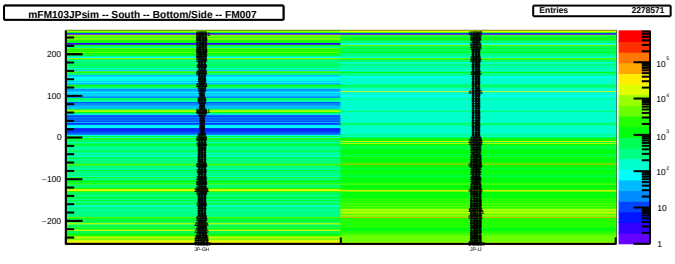
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4971432
JP-GH
JP-IJ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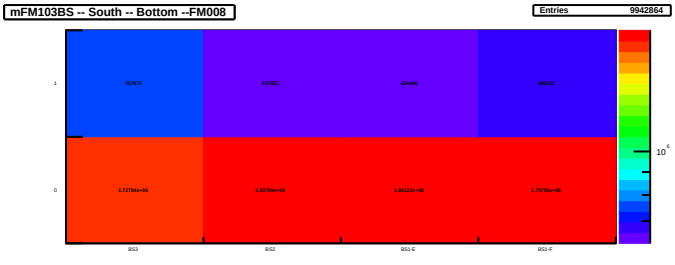
JP-GH
JP-IJ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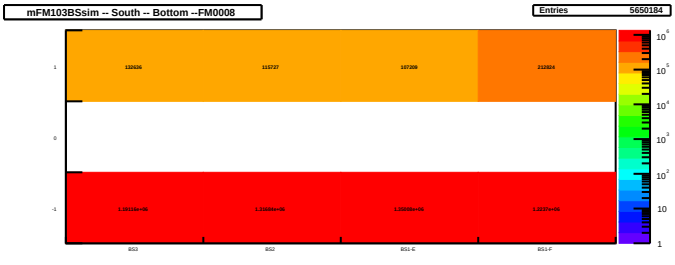
Entries 9942864
BS3
BS2
BS1-E
BS1-F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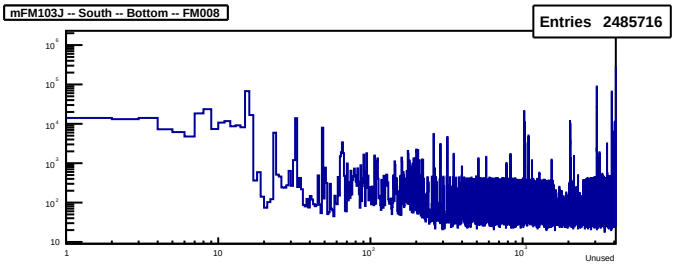
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 2485716
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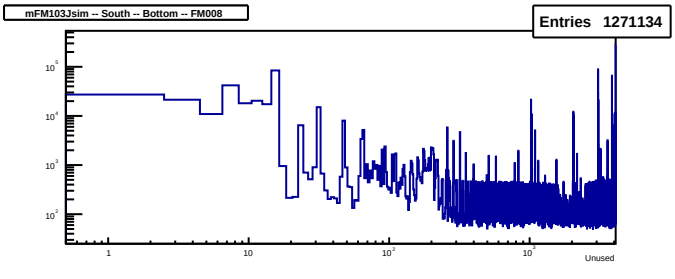
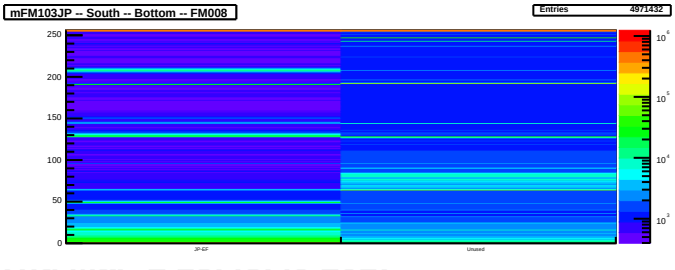

mFM103Jsim -- South -- Bottom -- FM008
Entries 1271134
Unused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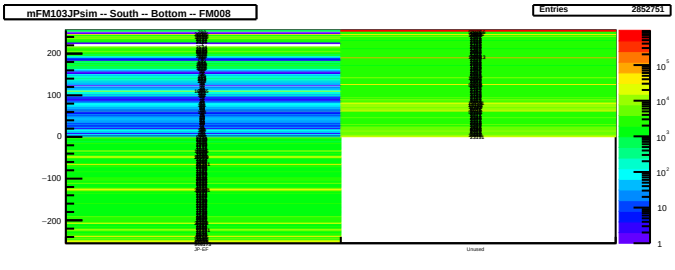
Entries 4971432
JP-EF
Unused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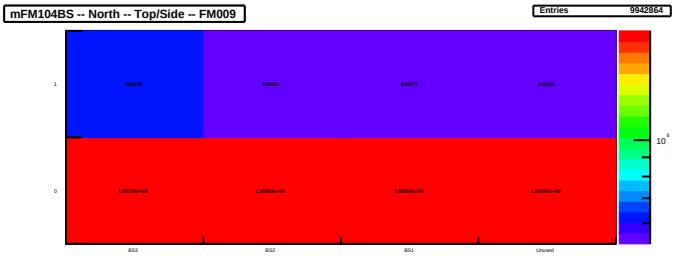
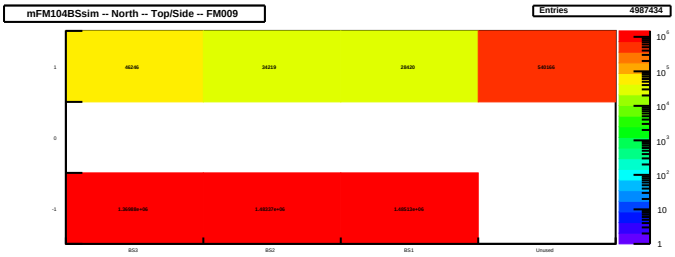
Entries 2852751
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 9942864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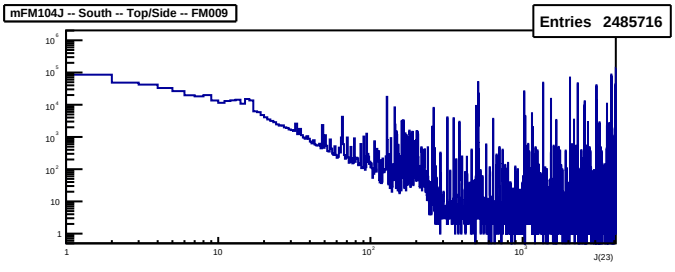
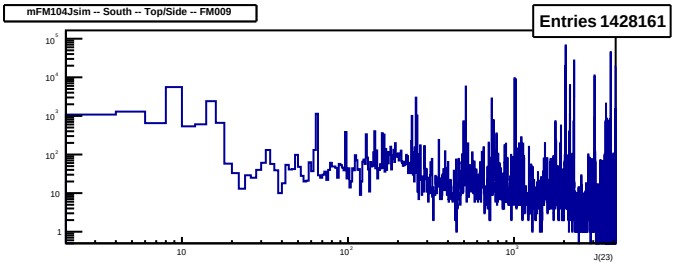
Entries 4987434


mFM104J -- South -- Top/Side -- FM009
Entries 2485716
J(23)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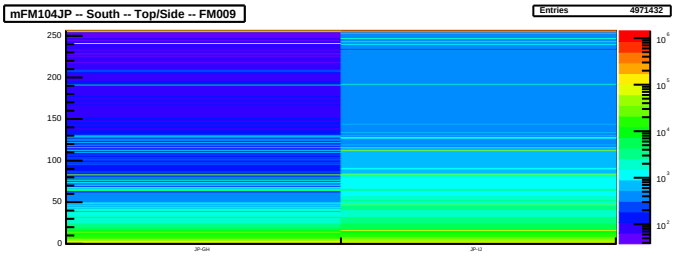
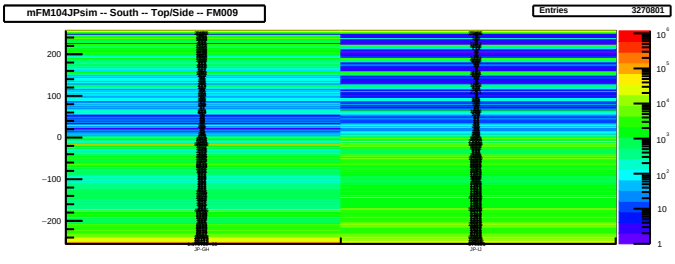
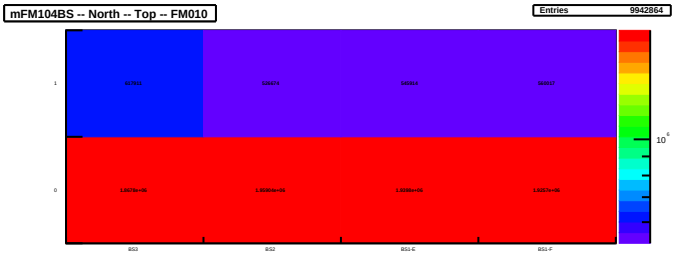
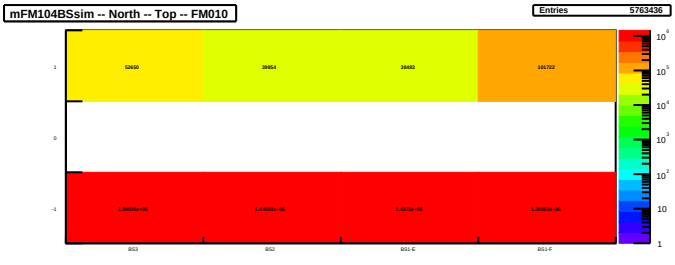
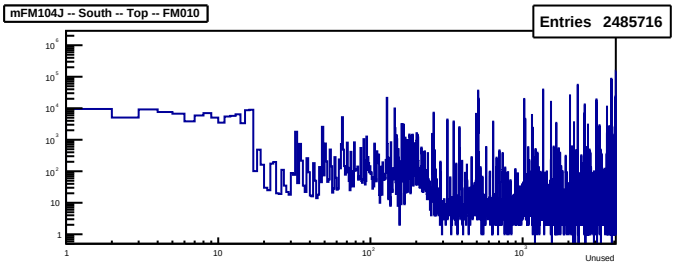
Entries 1428161
J(23)

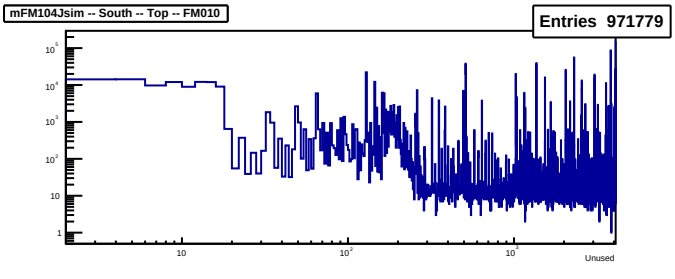

mFM104JP -- South -- Top/Side -- FM009
Entries 4971432

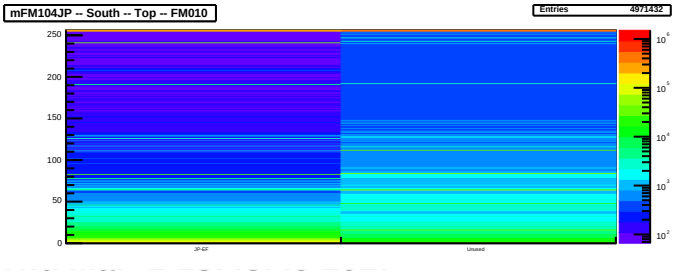

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3270801

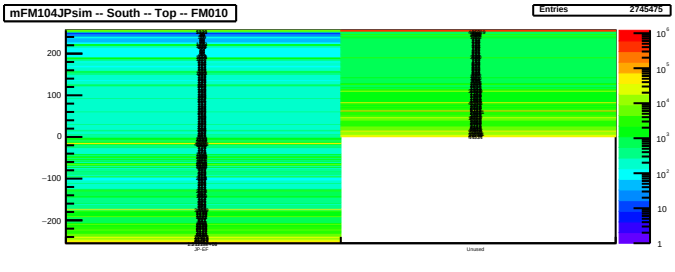

mFM104BS -- North -- Top -- FM010
Entries 9942864

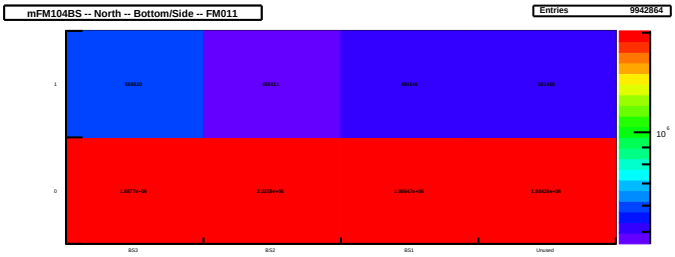

mFM104BSsim -- North -- Top -- FM010
Entries 5763436

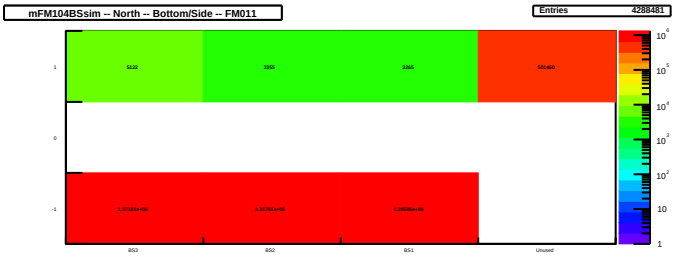

mFM104J -- South -- Top -- FM010
Entries 2485716
Unused

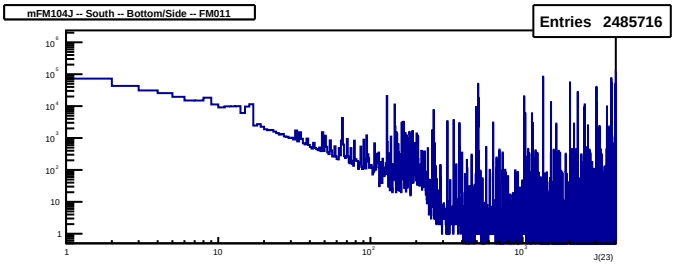

mFM104Jsim -- South -- Top -- FM010
Entries 971779
Unused

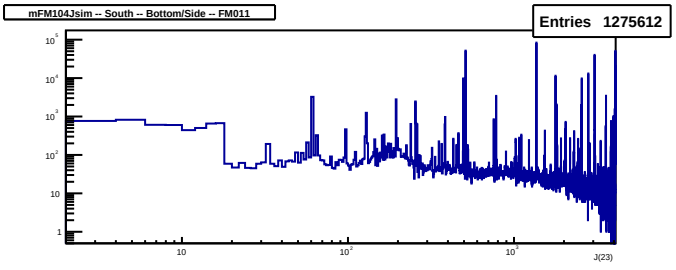

mFM104JP -- South -- Top -- FM010
Entries 4971432

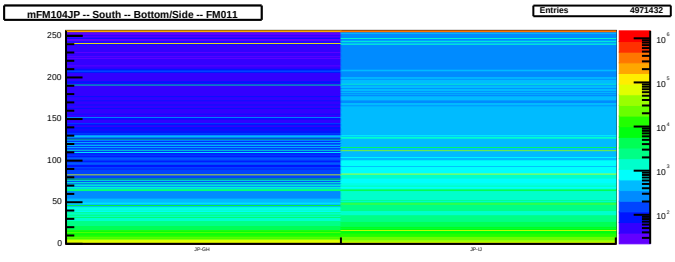

mFM104JPsim -- South -- Top -- FM010
Entries 2745475

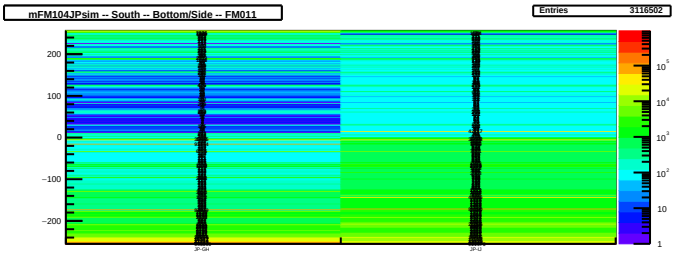

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9942864


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4288481


mFM104J -- South -- Bottom/Side -- FM011
Entries 2485716
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1275612
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 4971432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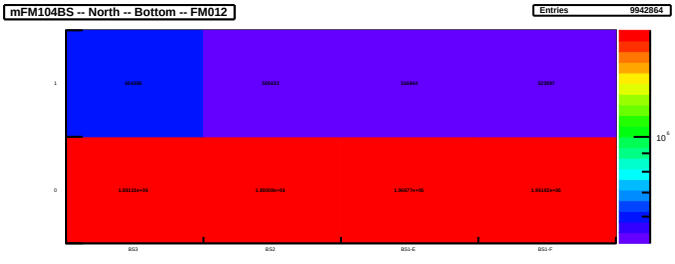
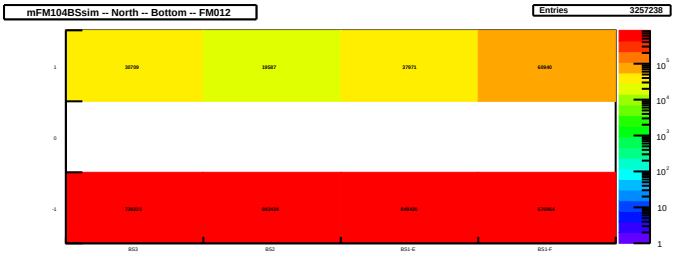
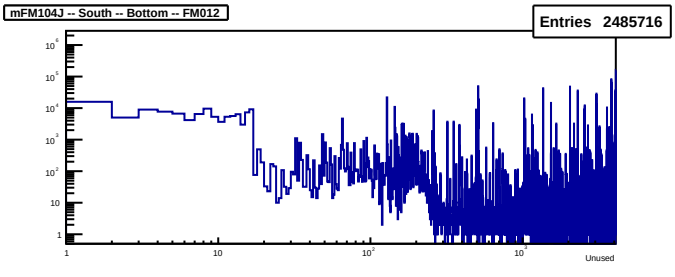
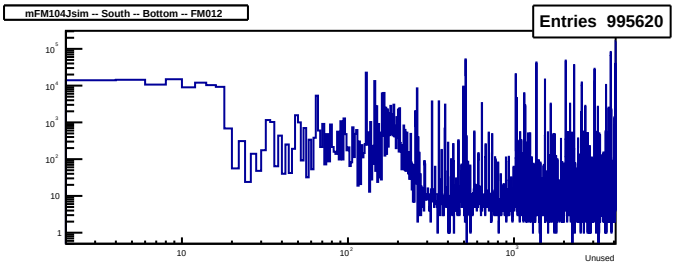
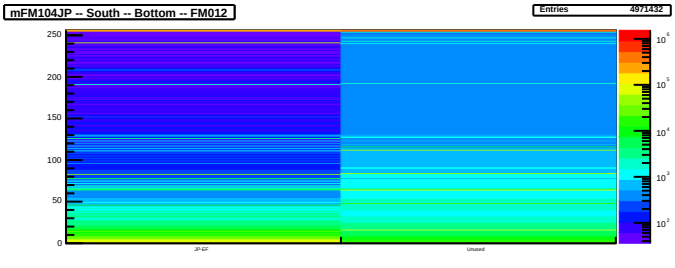
Entries 3116502

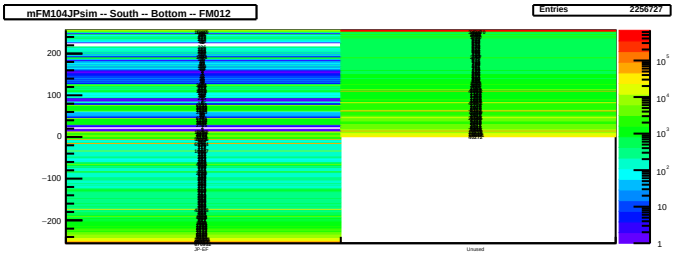

mFM104BS -- North -- Bottom -- FM012
Entries 9942864

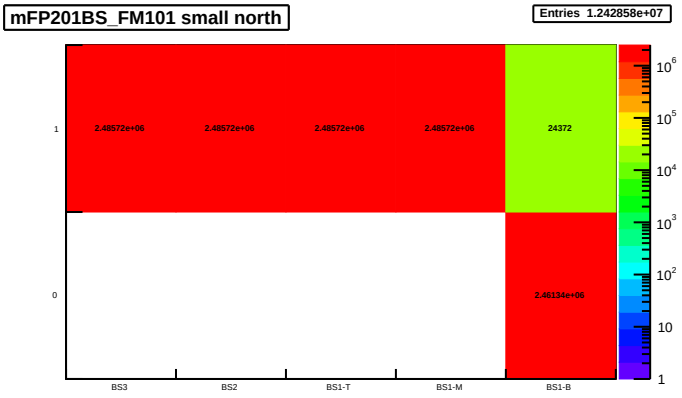

mFM104BSsim -- North -- Bottom -- FM012
Entries 3257238

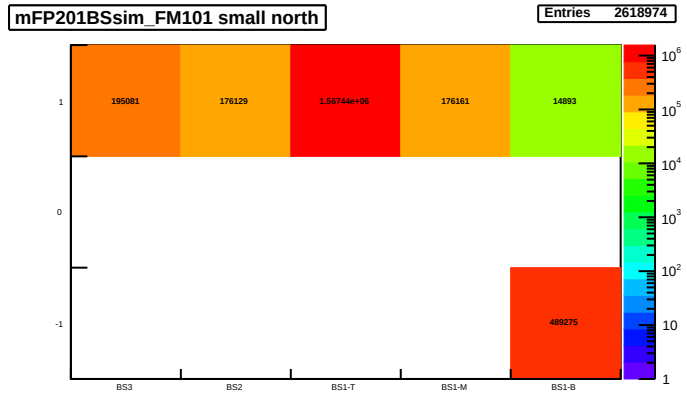

mFM104J -- South -- Bottom -- FM012
Entries 2485716
Unused

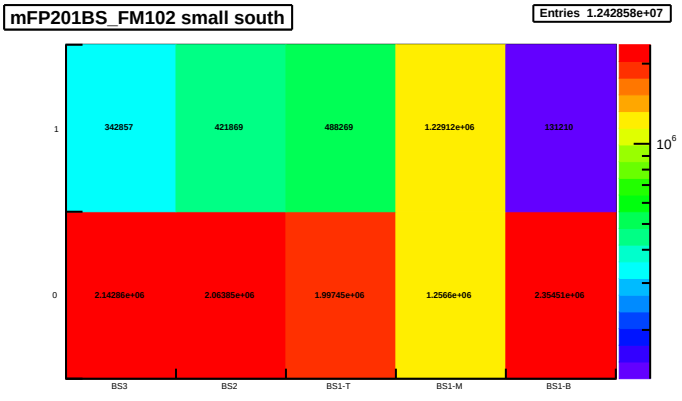

mFM104Jsim -- South -- Bottom -- FM012
Entries 995620
Unused

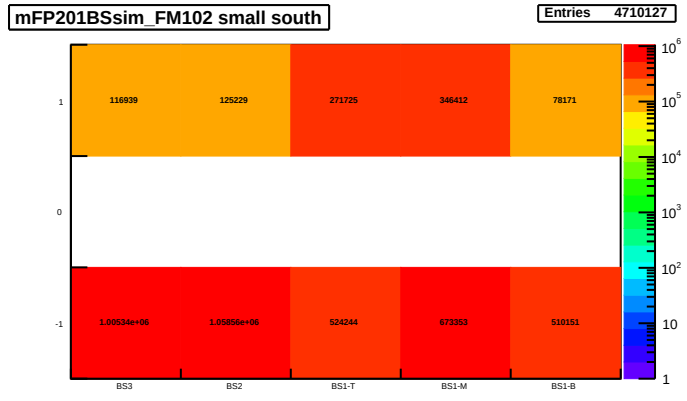

mFM104JP -- South -- Bottom -- FM012
Entries 4971432

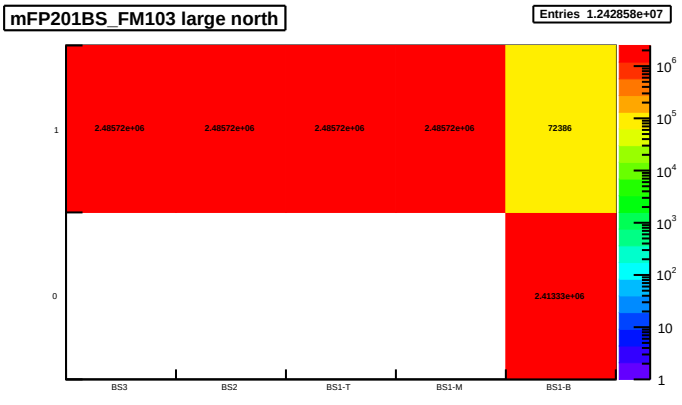

mFM104JPsim -- South -- Bottom -- FM012
Entries 2256727

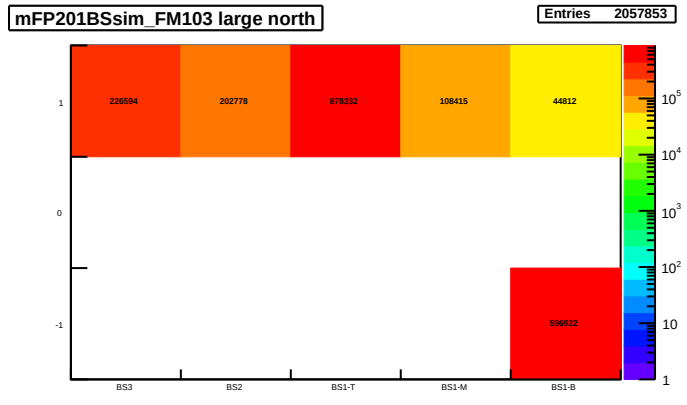

mFP201BS_FM101 small north
Entries 1.242858e+07
2.48572e+06
2.48572e+06
2.48572e+06
2.48572e+06
24372
2.46134e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

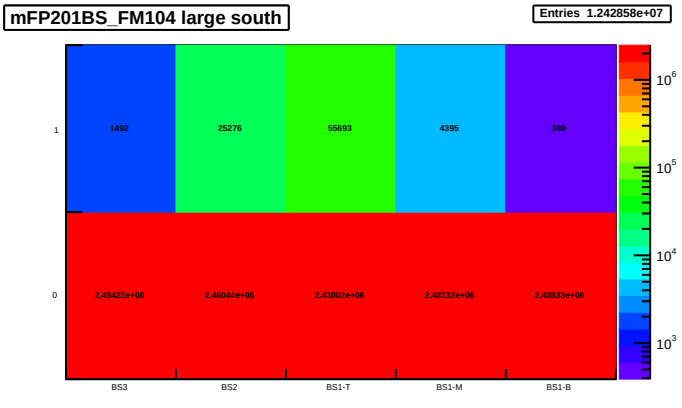

mFP201BSsim_FM101 small north
Entries 2618974
195081
176129
1.56744e+06
176161
14893
489275
BS3
BS2
BS1-T
BS1-M
BS1-B

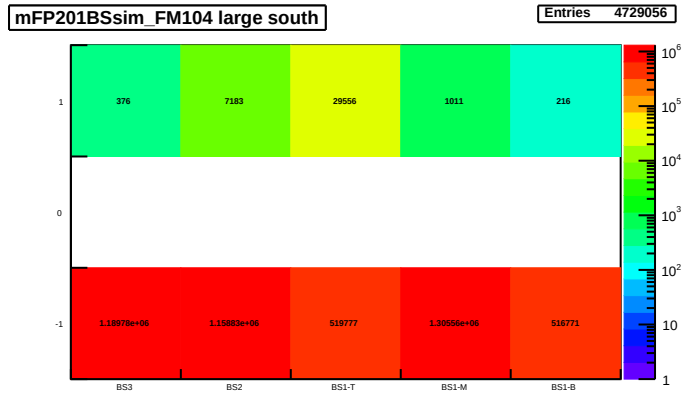

mFP201BS_FM102 small south
Entries 1.242858e+07
342857
421869
488269
1.22912e+06
131210
2.14286e+06
2.06385e+06
1.99745e+06
1.2566e+06
2.35451e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

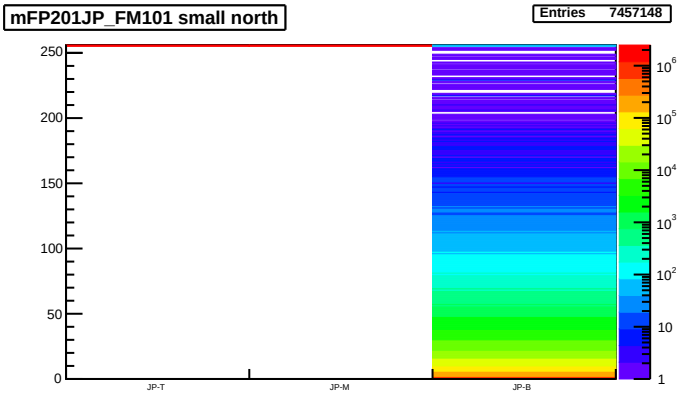

mFP201BSsim_FM102 small south
Entries 4710127
116939
125229
271725
346412
78171
1.00534e+06
1.05856e+06
524244
673353
510151
BS3
BS2
BS1-T
BS1-M
BS1-B

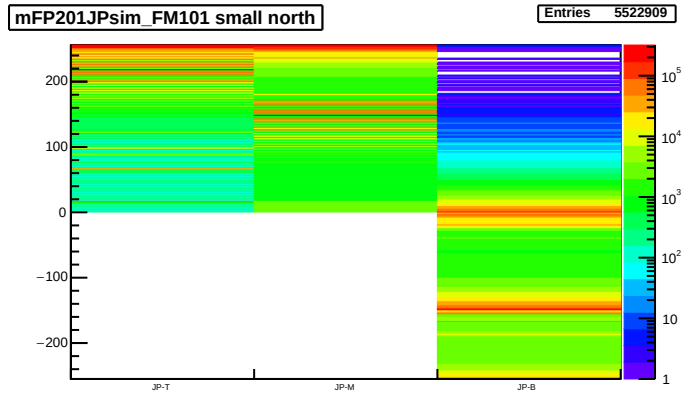

mFP201BS_FM103 large north
Entries 1.242858e+07
2.48572e+06
2.48572e+06
2.48572e+06
2.48572e+06
72386
2.41333e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

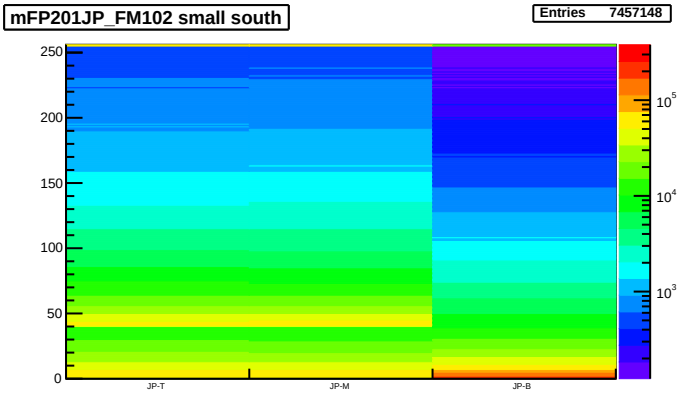

mFP201BSsim_FM103 large north
Entries 2057853
226594
202778
878332
108415
44812
596922
BS3
BS2
BS1-T
BS1-M
BS1-B

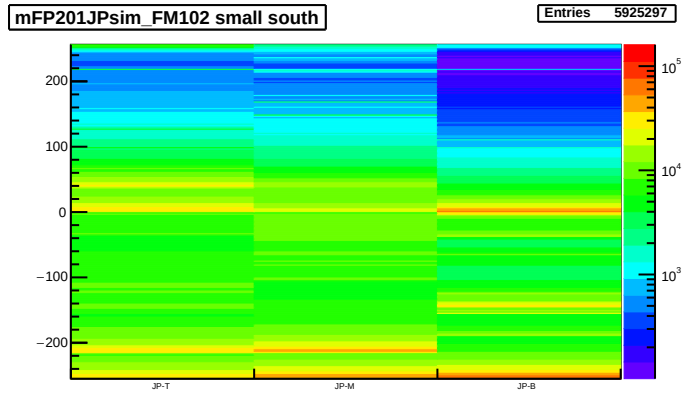

mFP201BS_FM104 large south
Entries 1.242858e+07
1492
25276
55693
4395
389
2.48422e+06
2.46044e+06
2.43002e+06
2.48132e+06
2.48533e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

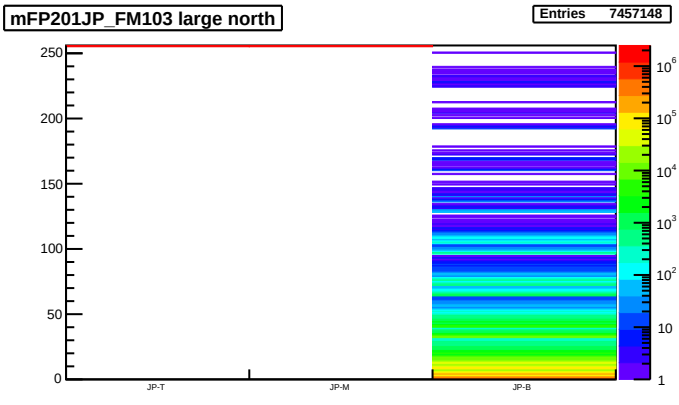

mFP201BSsim_FM104 large south
Entries 4729056
376
7183
29556
1011
216
1.18978e+06
1.15883e+06
519777
1.30556e+06
516771
BS3
BS2
BS1-T
BS1-M
BS1-B

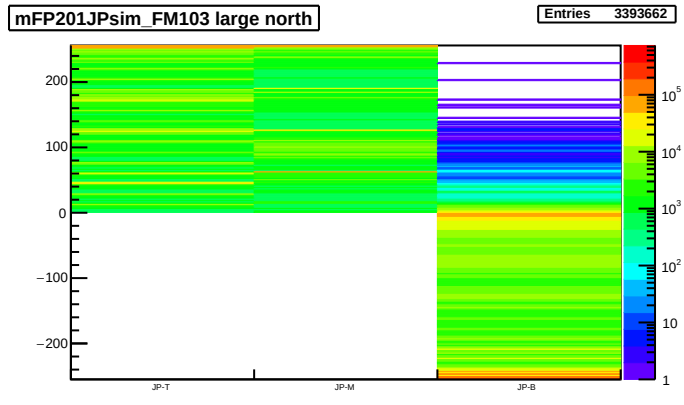

mFP201JP_FM101 small north
Entries 7457148
JP-T
JP-M
JP-B

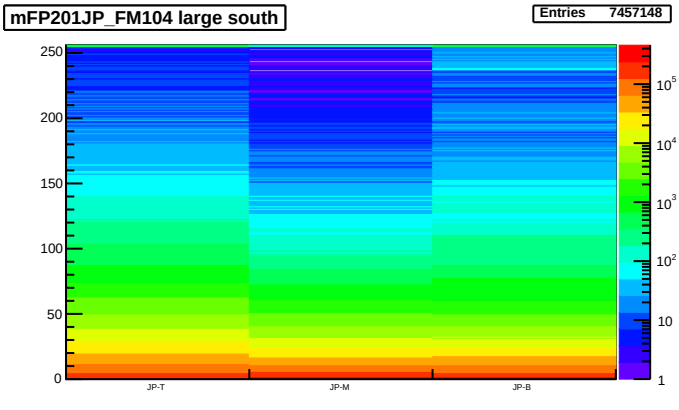

mFP201JPsim_FM101 small north
Entries 5522909
JP-T
JP-M
JP-B

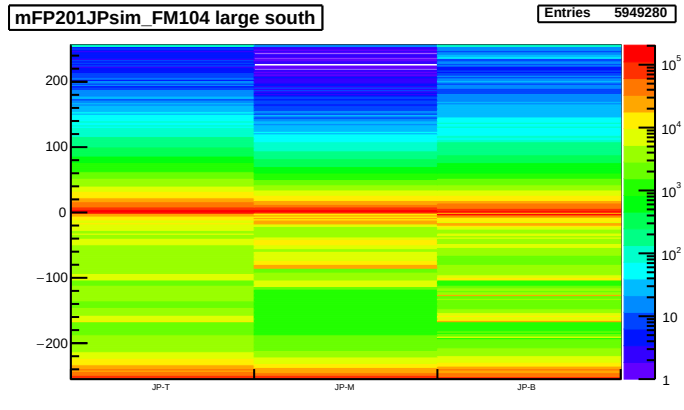

mFP201JP_FM102 small south
Entries 7457148
JP-T
JP-M
JP-B

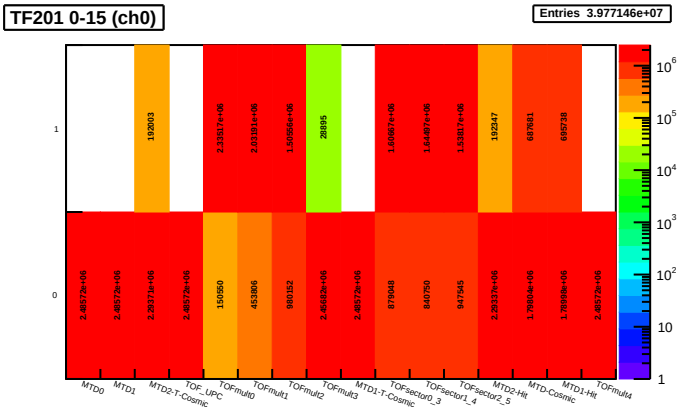

mFP201JPsim_FM102 small south
Entries 5925297
JP-T
JP-M
JP-B

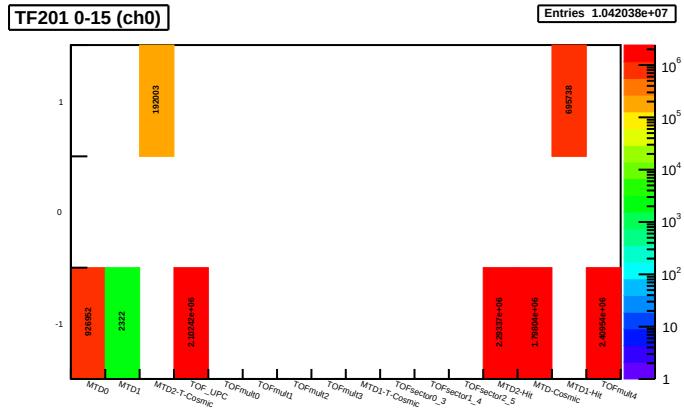

mFP201JP_FM103 large north
Entries 7457148
JP-T
JP-M
JP-B

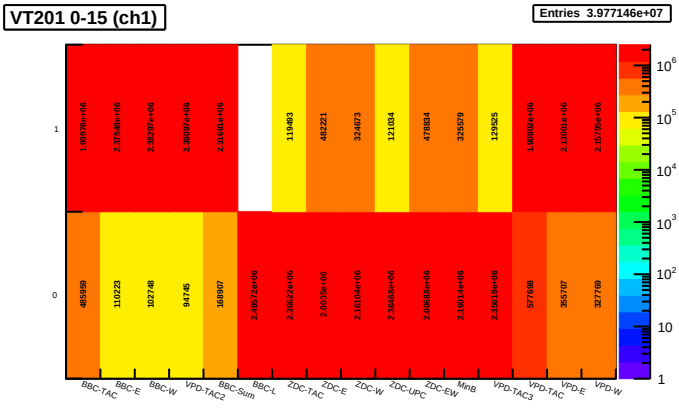

mFP201JPsim_FM103 large north
Entries 3393662
JP-T
JP-M
JP-B

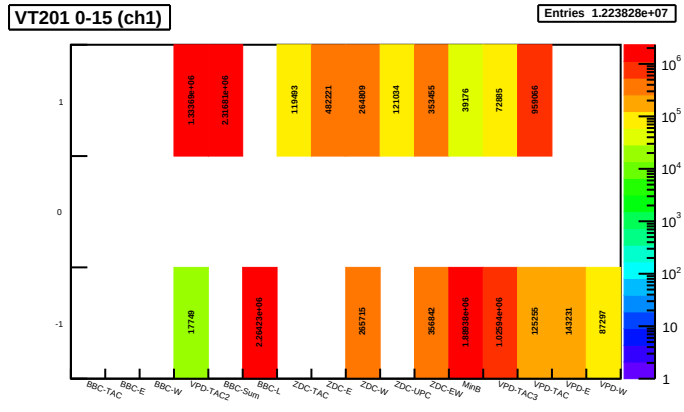

mFP201JP_FM104 large south
Entries 7457148
JP-T
JP-M
JP-B

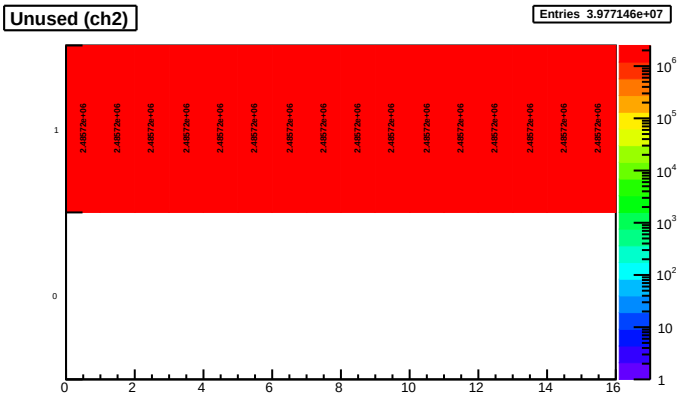

mFP201JPsim_FM104 large south
Entries 5949280
JP-T
JP-M
JP-B

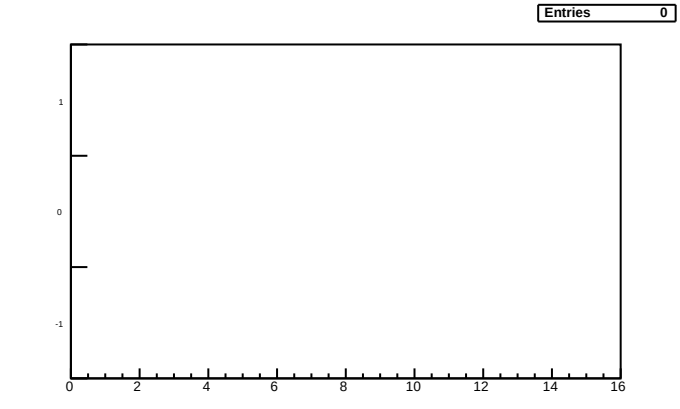

TF201 0-15 (ch0)
Entries 3.977146e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

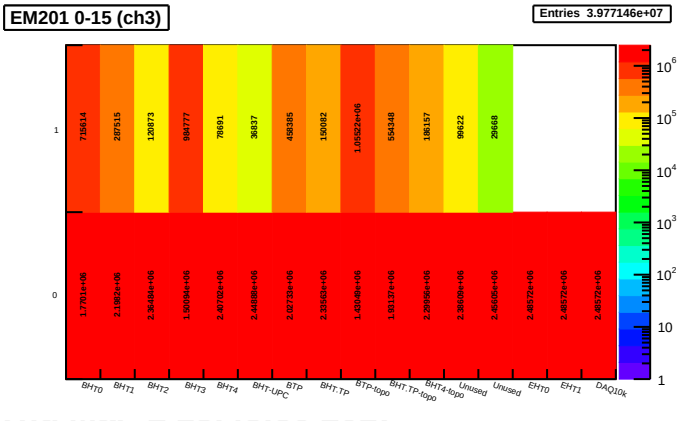

TF201 0-15 (ch0)
Entries 1.042038e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

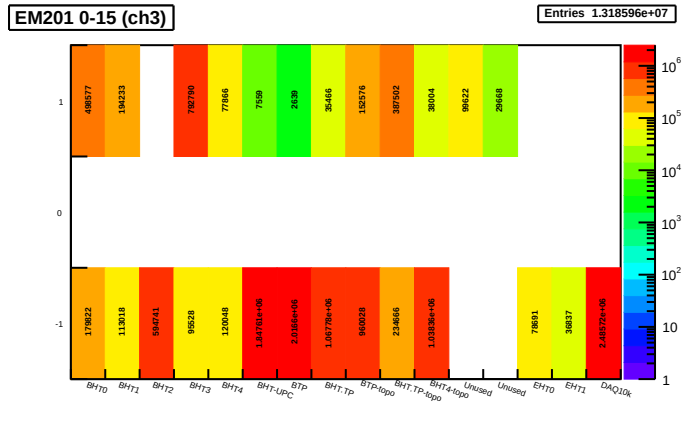

VT201 0-15 (ch1)
Entries 3.977146e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

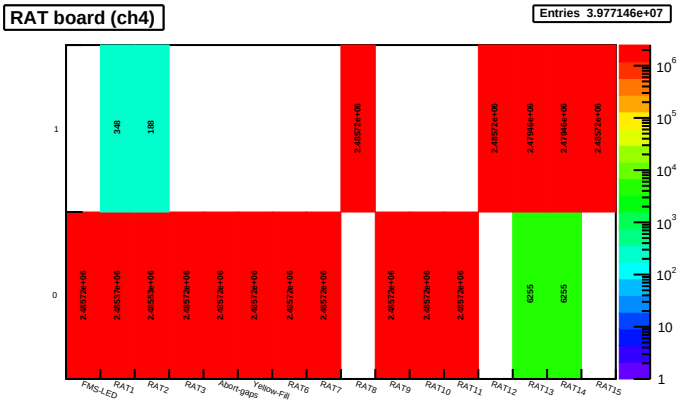

VT201 0-15 (ch1)
Entries 1.223828e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

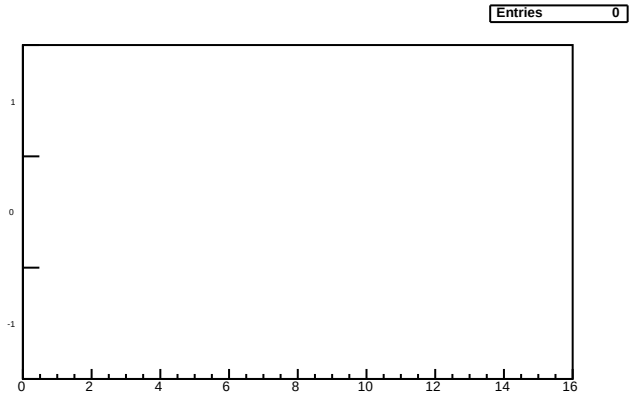

Unused (ch2)
Entries 3.977146e+07

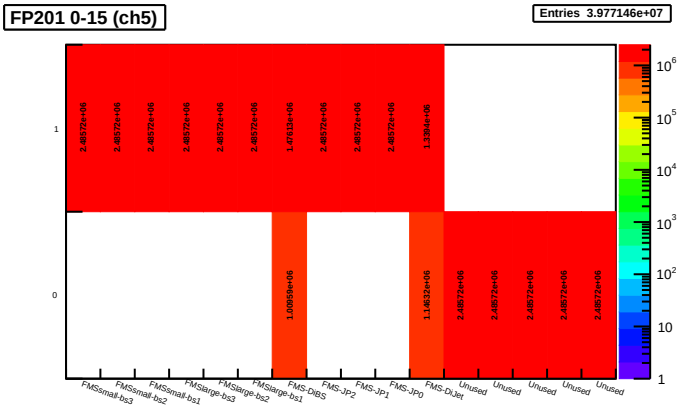

Entries 0

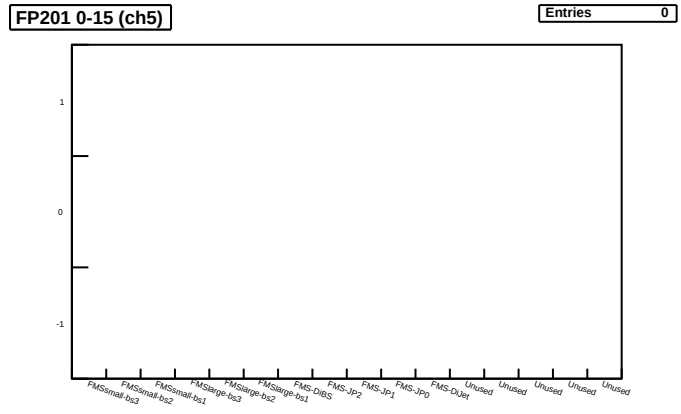

EM201 0-15 (ch3)
Entries 3.977146e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

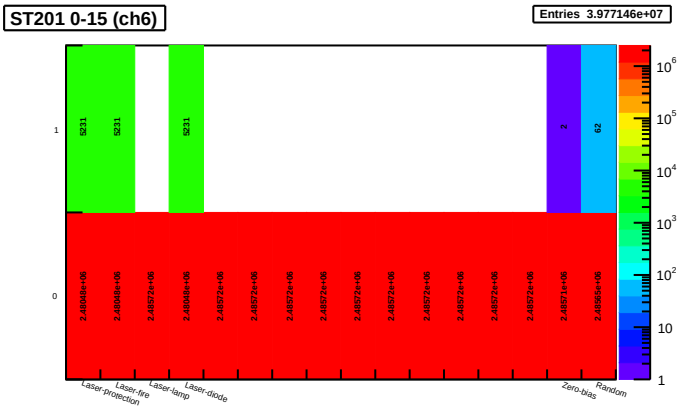

EM201 0-15 (ch3)
Entries 1.318596e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

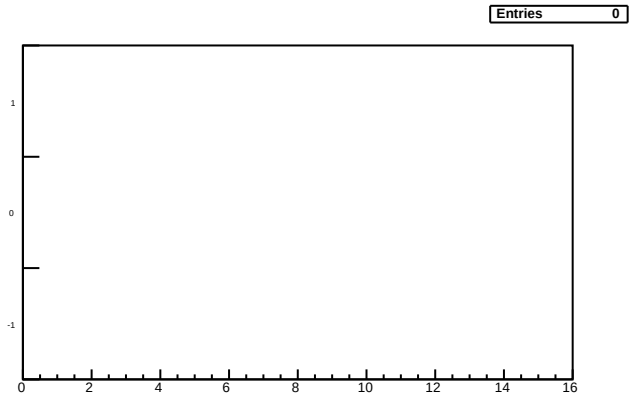

RAT board (ch4)
Entries 3.977146e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

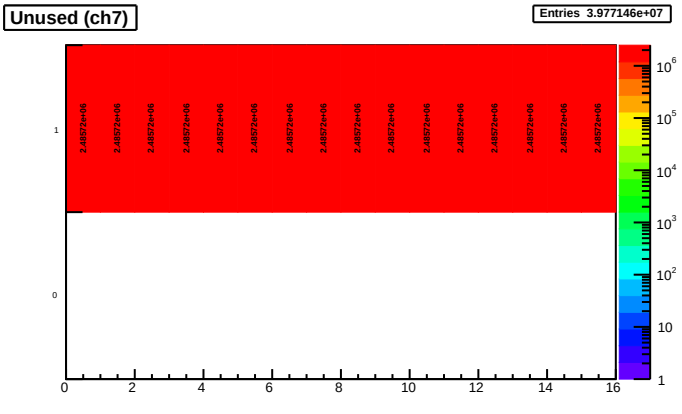

Entries 0

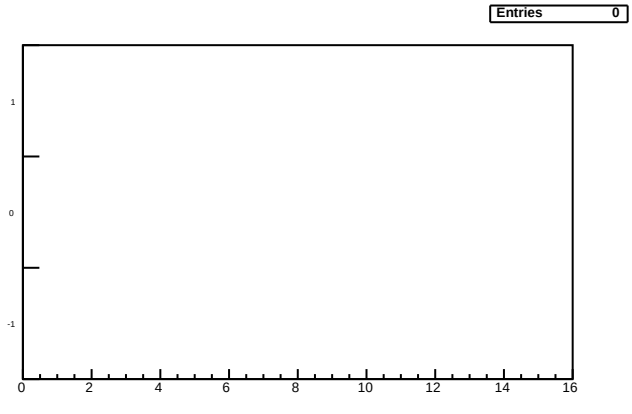

FP201 0-15 (ch5)
Entries 3.977146e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 3.977146e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3.977146e+07


Entries 0