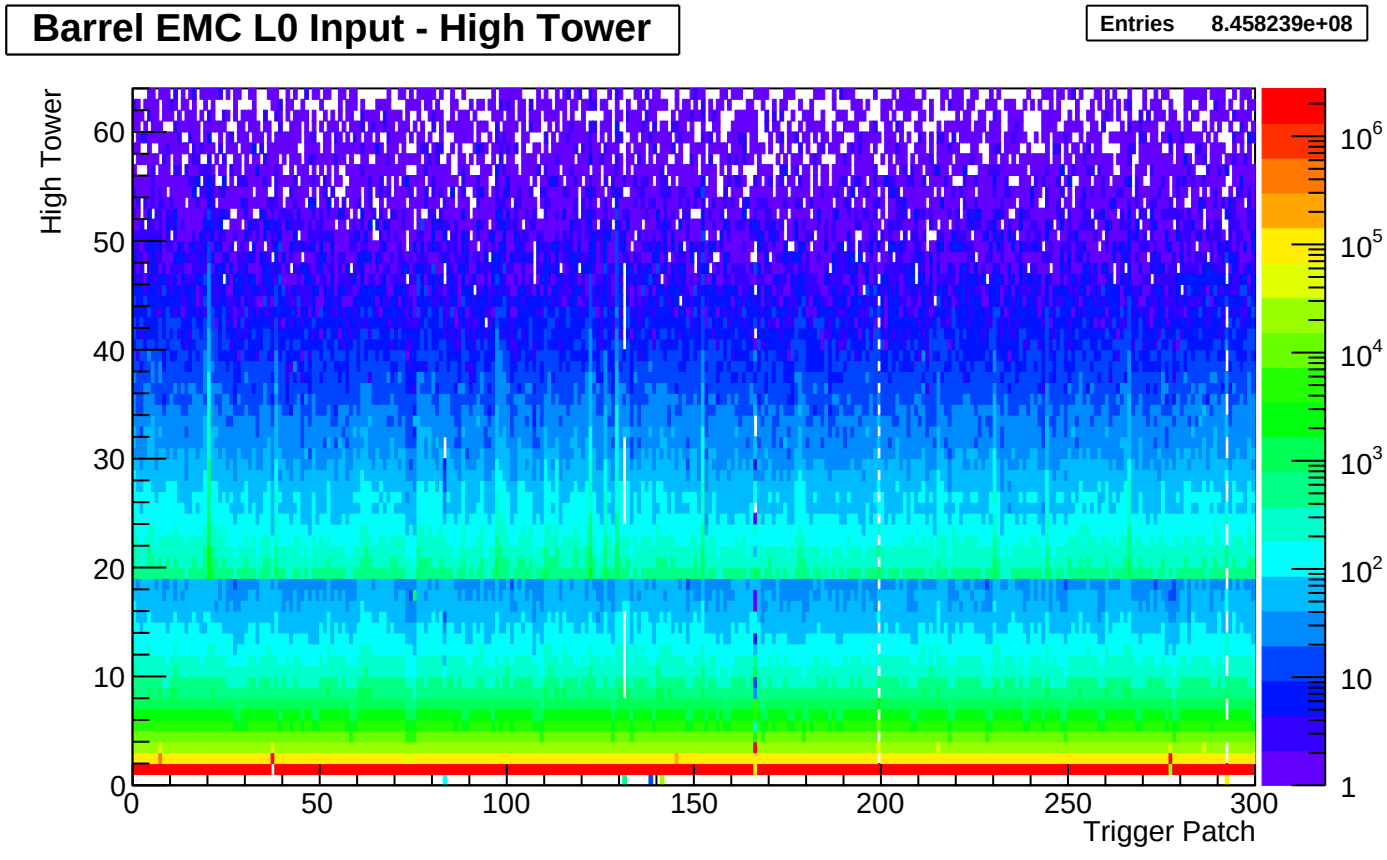
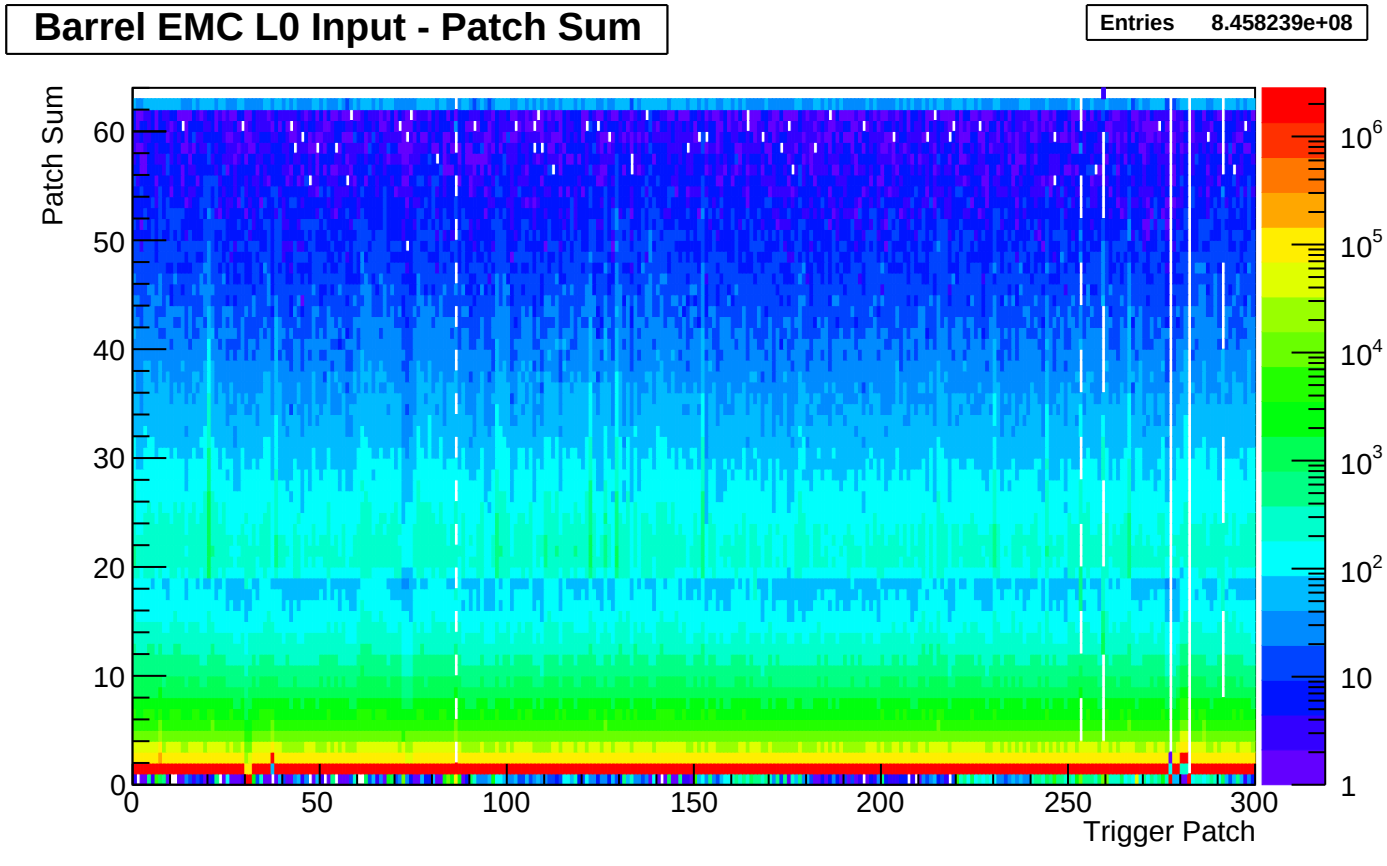
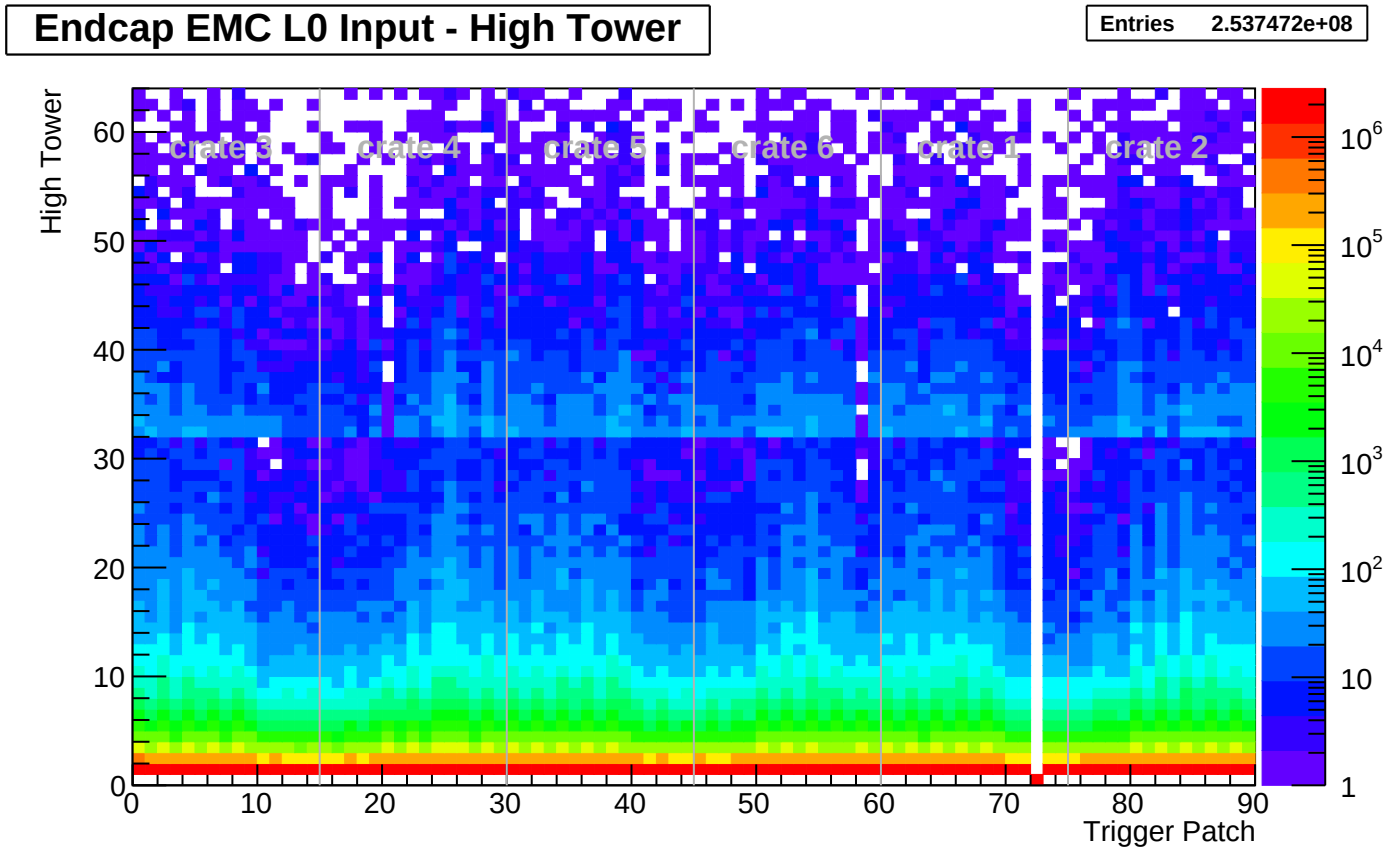
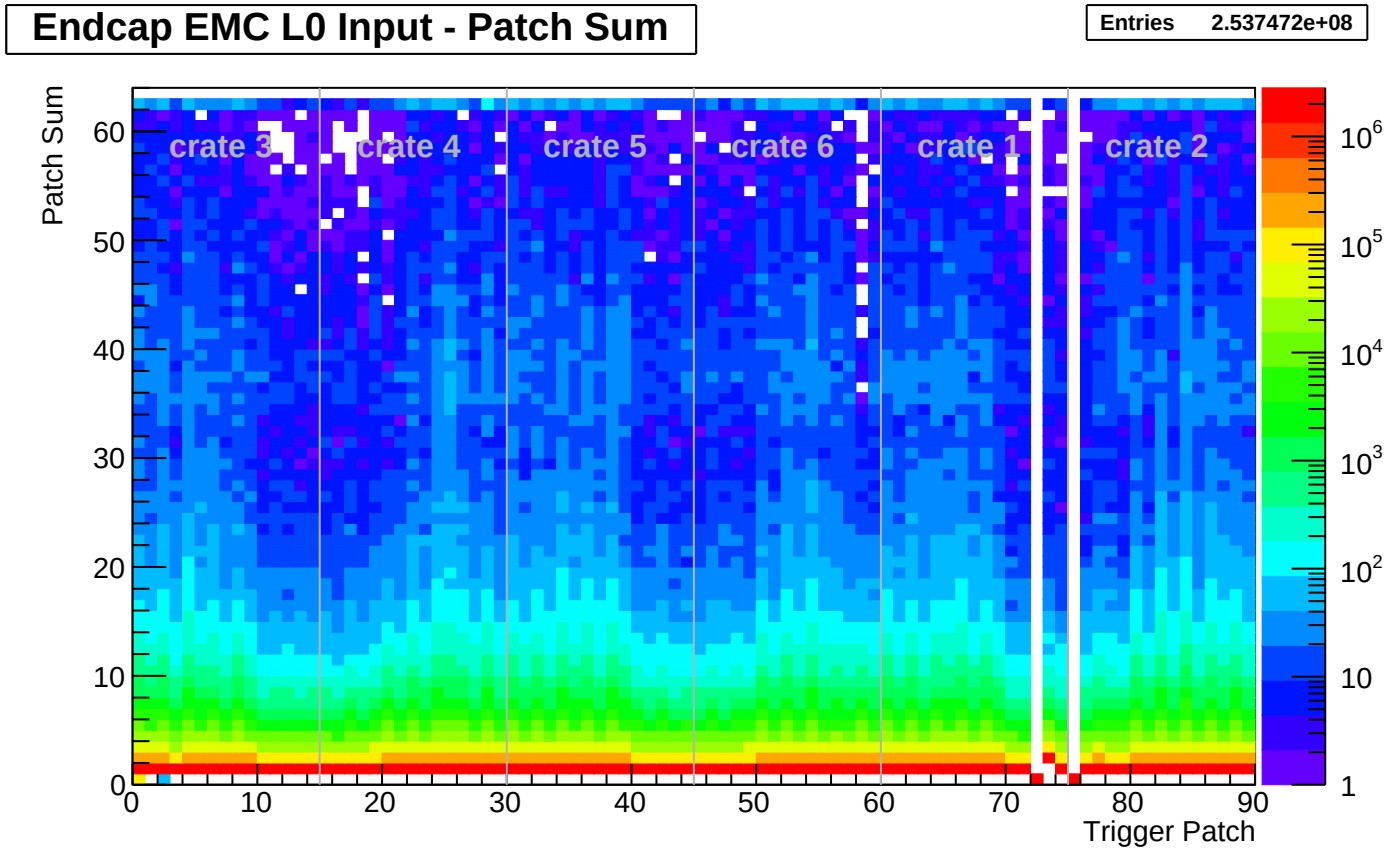
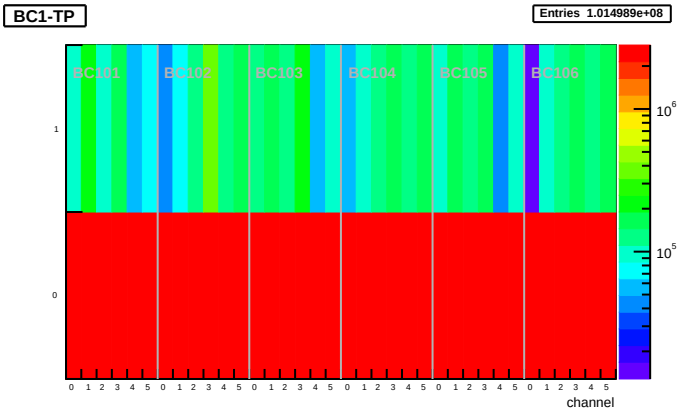
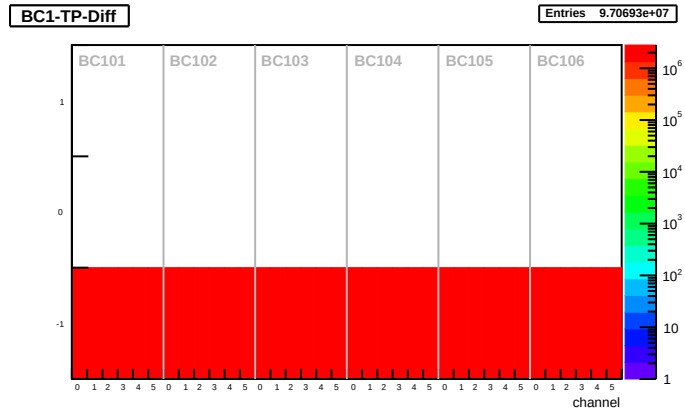

Barrel EMC L0 Input - High Tower
Entries 8.458239e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

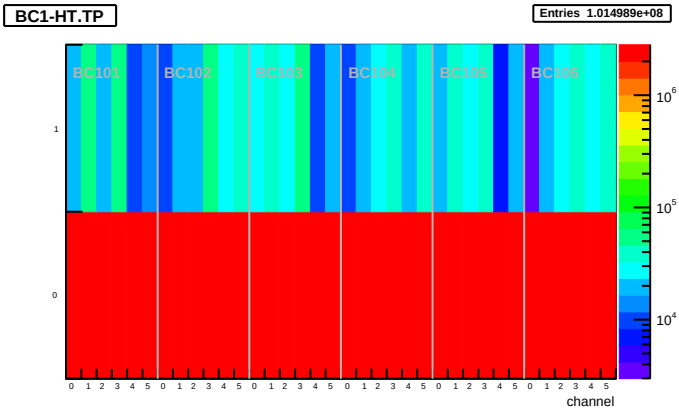

Barrel EMC L0 Input - Patch Sum
Entries 8.458239e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

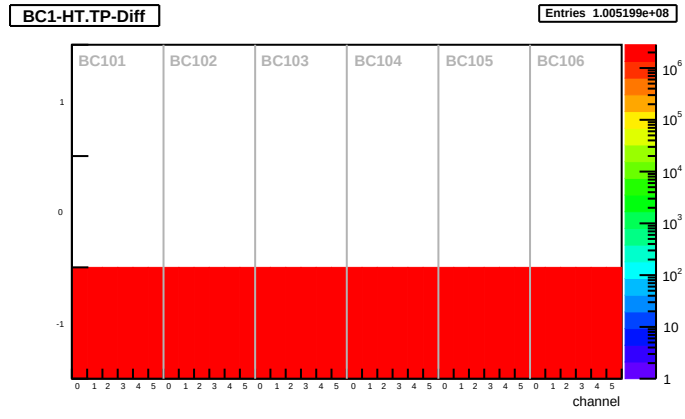

Endcap EMC L0 Input - High Tower
Entries 2.537472e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

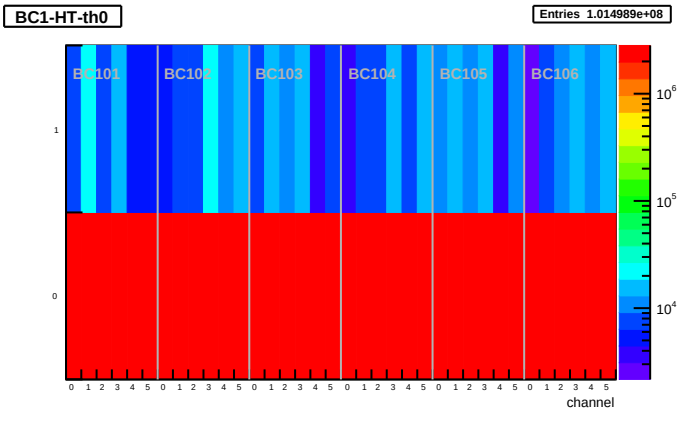

Endcap EMC L0 Input - Patch Sum
Entries 2.537472e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

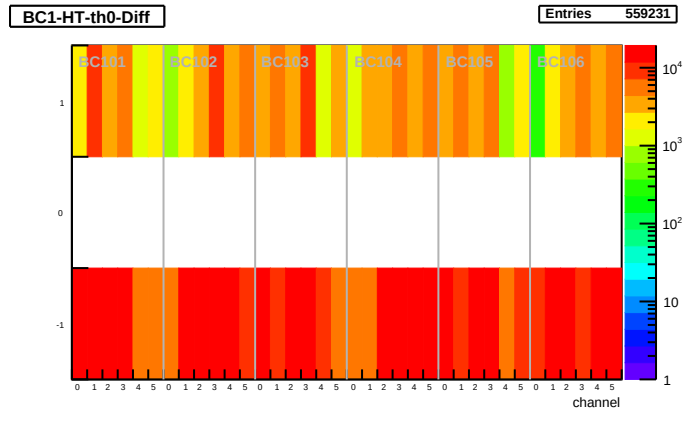

BC1-TP
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

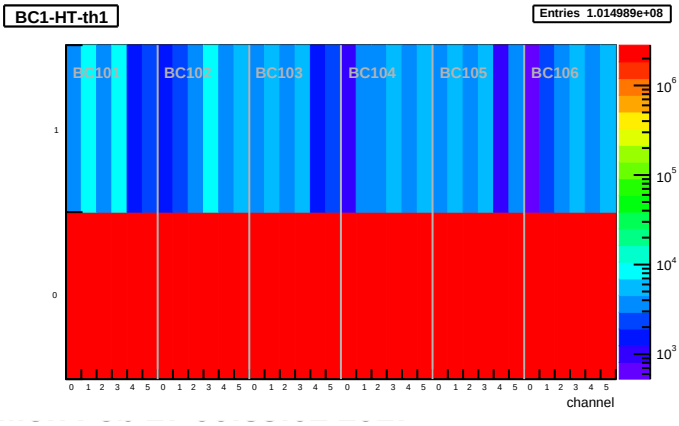

BC1-TP-Diff
Entries 9.70693e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

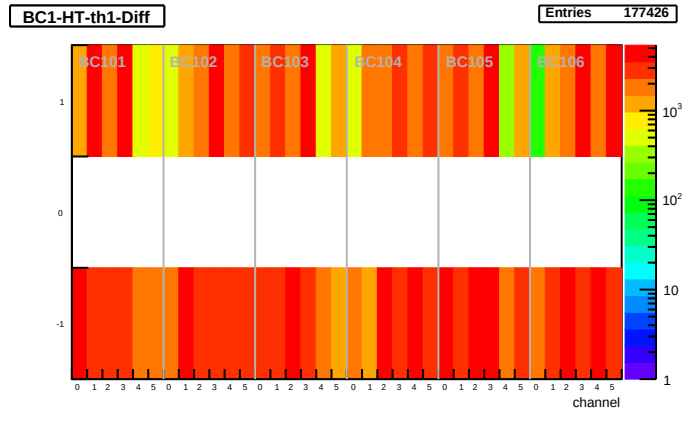

BC1-HT.TP
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

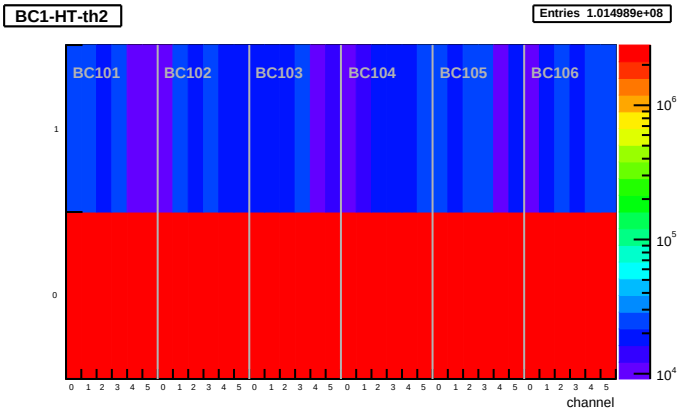

BC1-HT.TP-Diff
Entries 1.005199e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

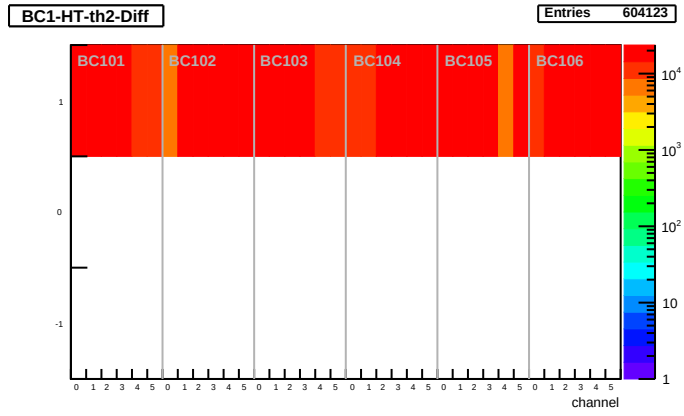

BC1-HT-th0
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

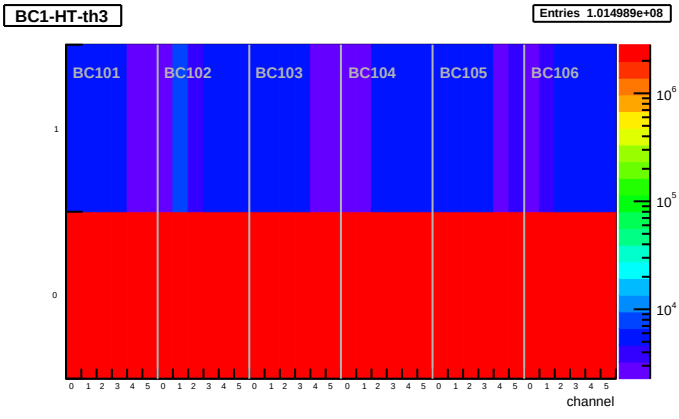

BC1-HT-th0-Diff
Entries 559231
BC101
BC102
BC103
BC104
BC105
BC106
channel

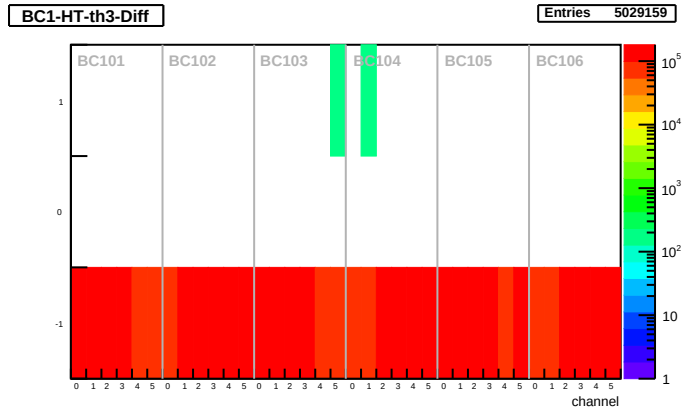

BC1-HT-th1
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

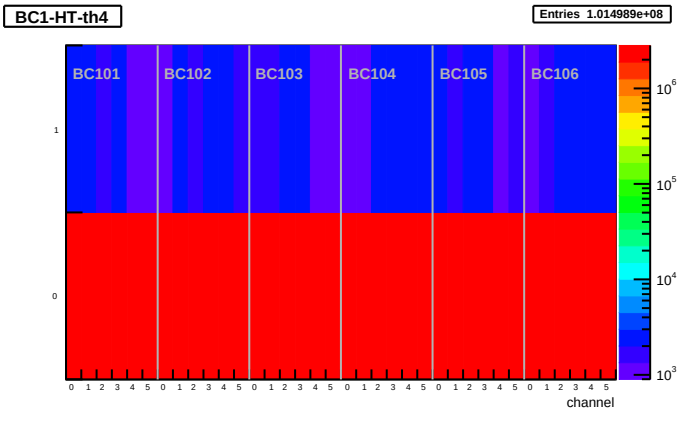

BC1-HT-th1-Diff
Entries 177426
BC101
BC102
BC103
BC104
BC105
BC106
channel

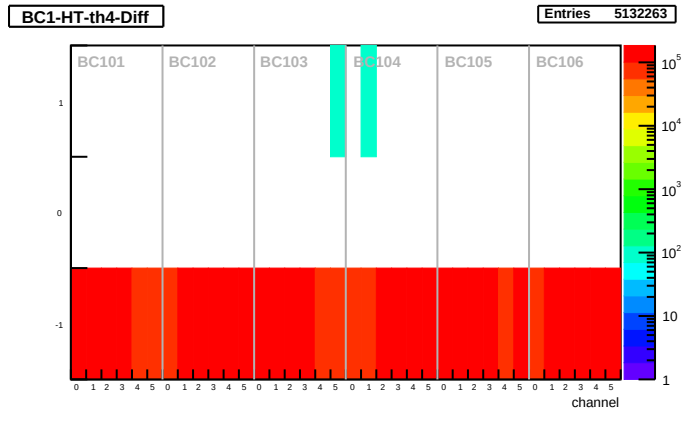

BC1-HT-th2
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

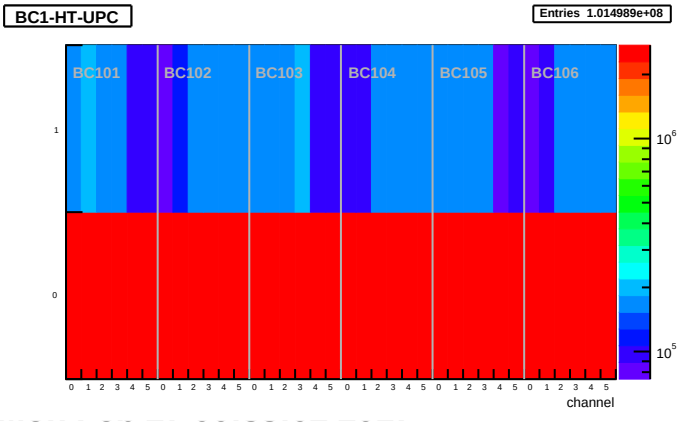

BC1-HT-th2-Diff
Entries 604123
BC101
BC102
BC103
BC104
BC105
BC106
channel

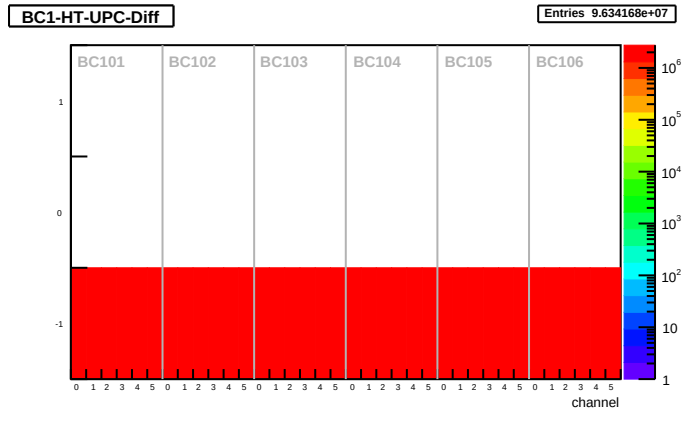

BC1-HT-th3
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

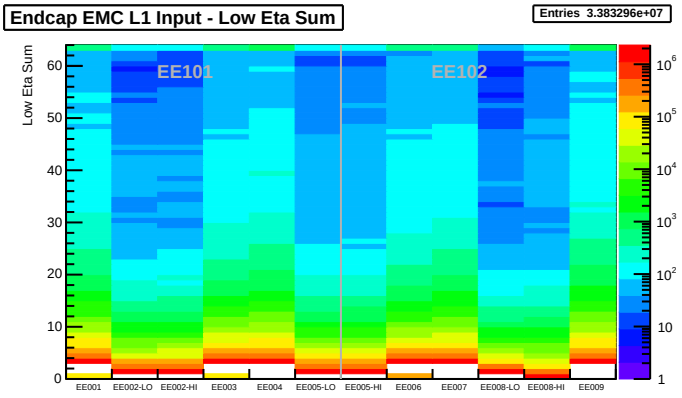

BC1-HT-th3-Diff
Entries 5029159
BC101
BC102
BC103
BC104
BC105
BC106
channel

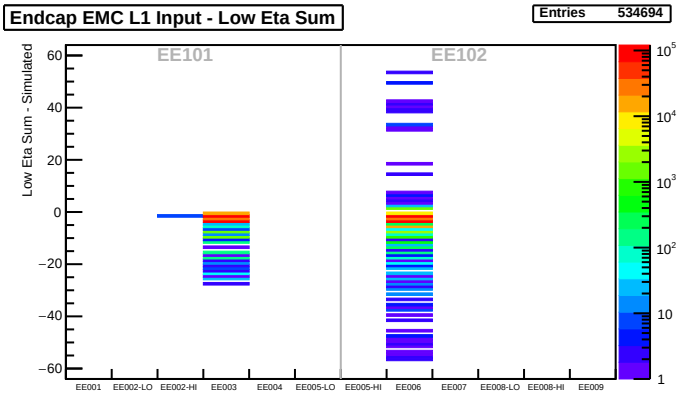

BC1-HT-th4
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

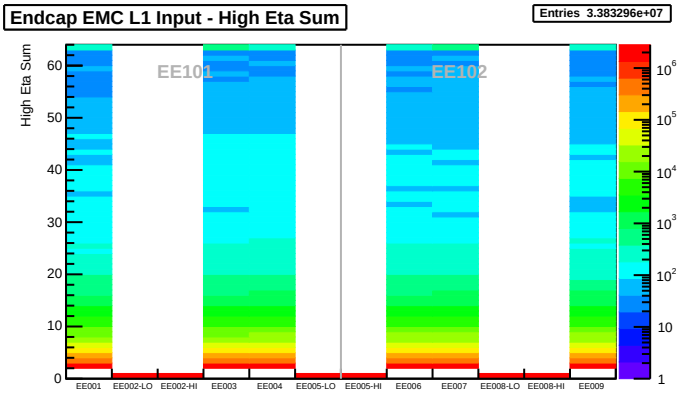

BC1-HT-th4-Diff
Entries 5132263
BC101
BC102
BC103
BC104
BC105
BC106
channel

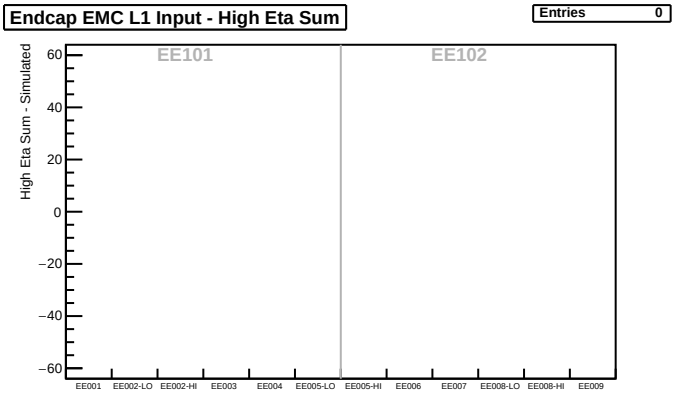

BC1-HT-UPC
Entries 1.014989e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

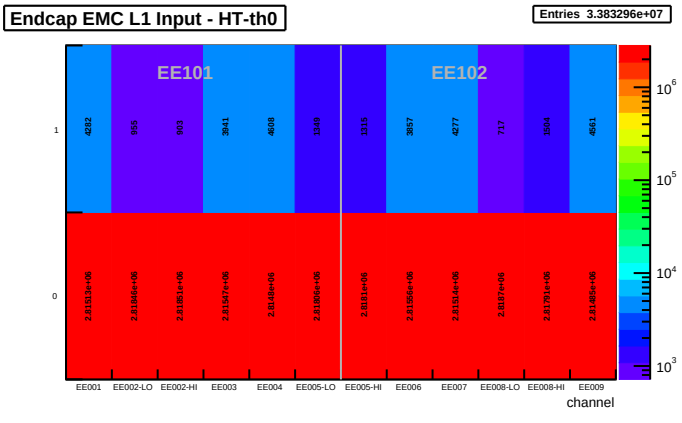

BC1-HT-UPC-Diff
Entries 9.634168e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

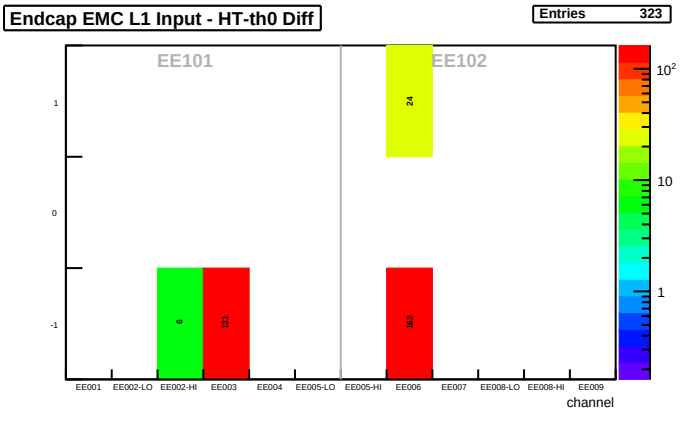

Endcap EMC L1 Input - Low Eta Sum
Entries 3.383296e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

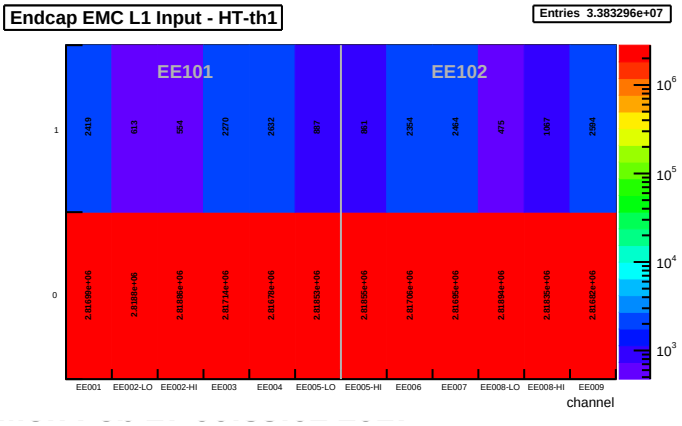

Endcap EMC L1 Input - Low Eta Sum
Entries 534694
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

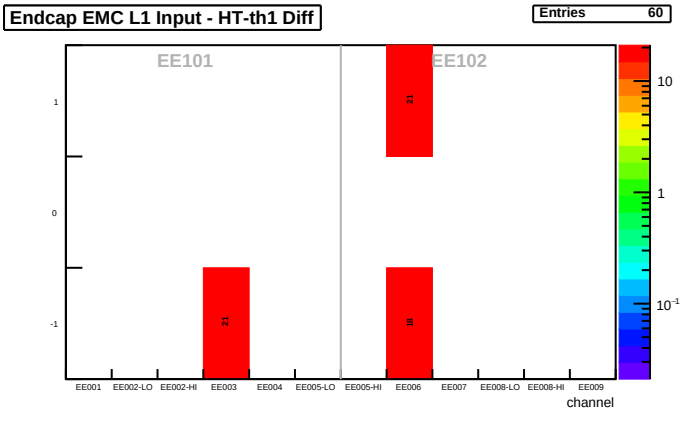

Endcap EMC L1 Input - High Eta Sum
Entries 3.383296e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

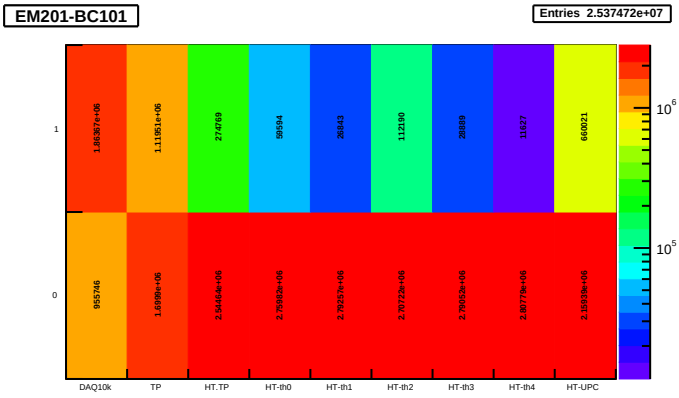

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

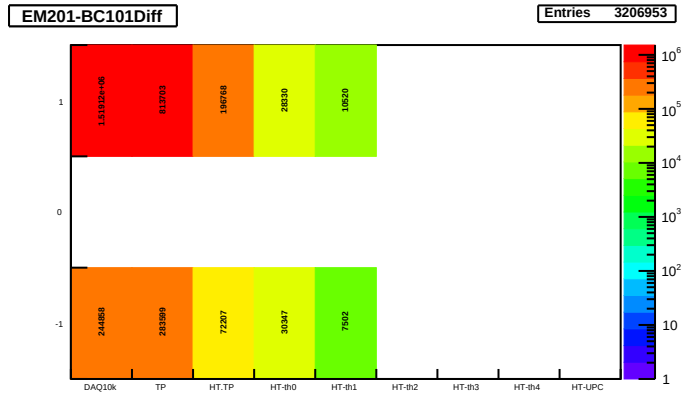

Endcap EMC L1 Input - HT-th0
Entries 3.383296e+07
EE101
EE102
4282 955 903 3941 4608 1349 1315 3857 4277 717 1504 4561
2.61513e+06 2.61946e+06 2.61851e+06 2.61547e+06 2.6148e+06 2.61385e+06 2.6181e+06 2.61556e+06 2.61514e+06 2.6187e+06 2.61791e+06 2.61485e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

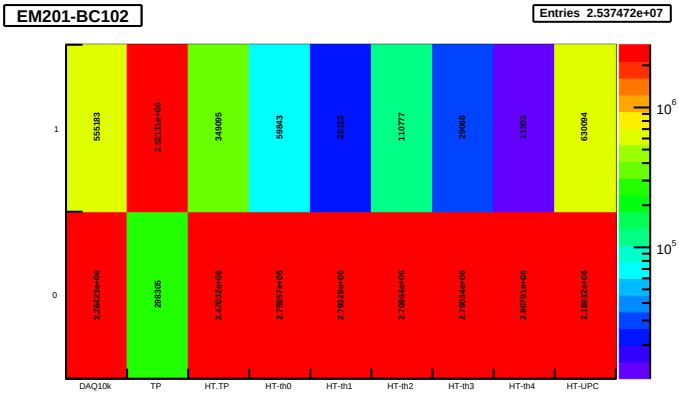

Endcap EMC L1 Input - HT-th0 Diff
Entries 323
EE101
EE102
24
6 131 152
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

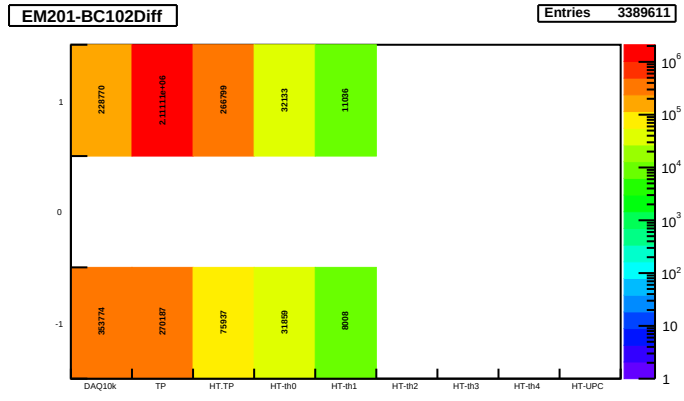

Endcap EMC L1 Input - HT-th1
Entries 3.383296e+07
EE101
EE102
2419 613 554 2270 2632 837 861 2354 2464 475 1067 2694
2.61699e+06 2.6188e+06 2.61806e+06 2.61714e+06 2.61678e+06 2.61653e+06 2.61655e+06 2.61766e+06 2.61695e+06 2.61804e+06 2.61635e+06 2.61682e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

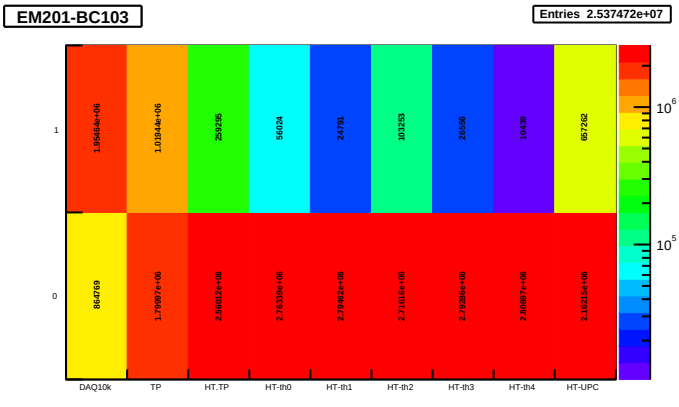

Endcap EMC L1 Input - HT-th1 Diff
Entries 60
EE101
EE102
21
21 18
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

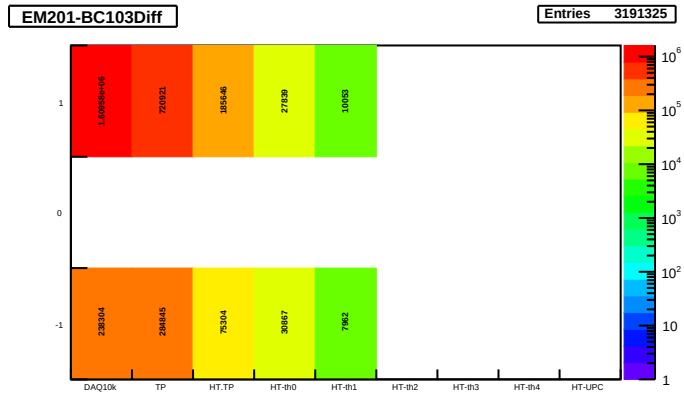

EM201-BC101
Entries 2.537472e+07
1.83367e+06
1.11951e+06
274769
59594
26843
112190
28889
11627
660021
955746
1.69998e+06
2.54464e+06
2.75982e+06
2.79257e+06
2.79722e+06
2.79052e+06
2.80779e+06
2.15939e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

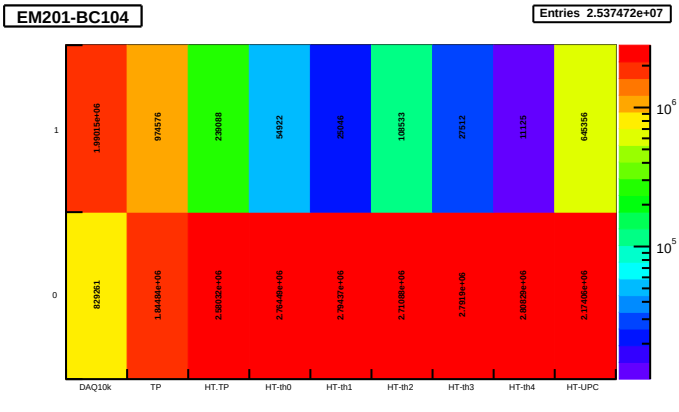

EM201-BC101Diff
Entries 3206953
1.51932e+06
813703
196768
28830
10520
244858
283599
72207
30347
7502
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

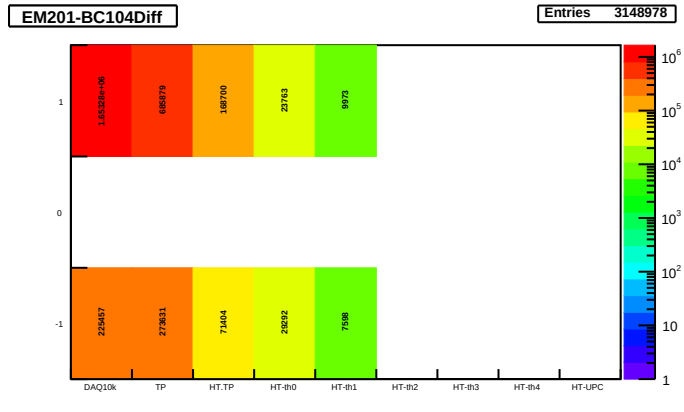

EM201-BC102
Entries 2.537472e+07
555183
2.52111e+06
349095
59843
26123
110777
29068
11503
630984
2.26023e+06
298305
2.47022e+06
2.75957e+06
2.78929e+06
2.79064e+06
2.79044e+06
2.80791e+06
2.18023e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 3389611
228770
2.11111e+06
266799
32133
11036
353774
270187
75937
31859
8008
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

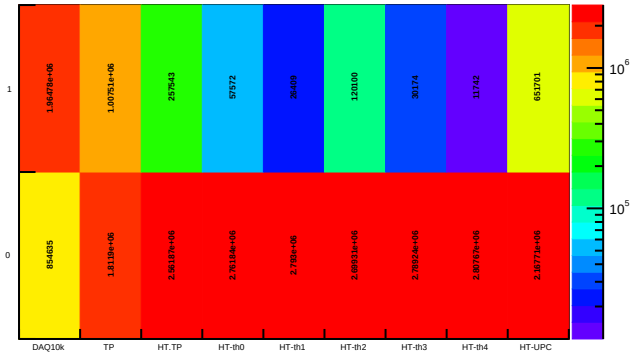

EM201-BC103
Entries 2.537472e+07
1.59464e+06
1.01944e+06
259295
56024
24791
103253
26555
10439
657262
864769
1.79997e+06
2.56012e+06
2.76339e+06
2.79462e+06
2.76165e+06
2.79295e+06
2.80897e+06
2.16215e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 3191325
1.60958e+06
720921
185646
27839
10553
238304
294845
75304
30867
7962
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

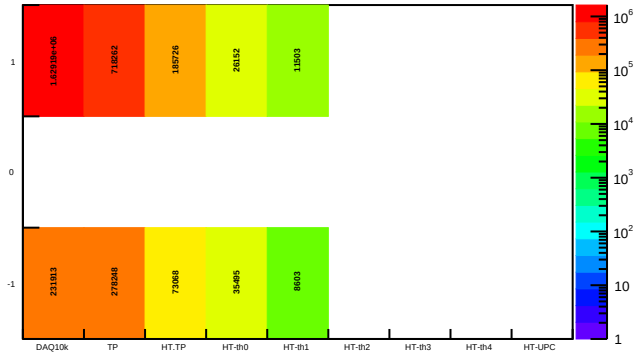

EM201-BC104
Entries 2.537472e+07
1.99015e+06
974576
239688
54922
25046
108533
27512
11125
645356
829261
1.84494e+06
2.59032e+06
2.76489e+06
2.79437e+06
2.71088e+06
2.7919e+06
2.80829e+06
2.17408e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 3148978
1.65328e+06
686879
198700
22763
9973
229457
273631
71404
28292
7598
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

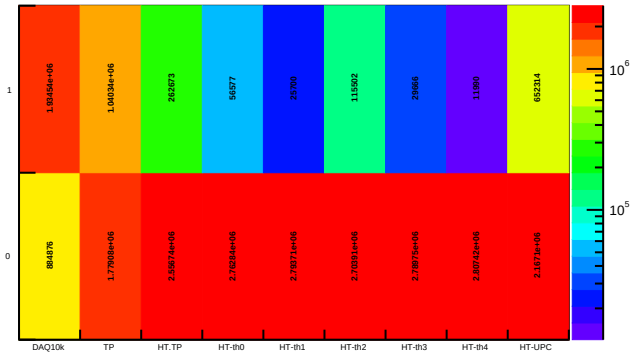
EM201-BC105 Entries 2.537472e+07



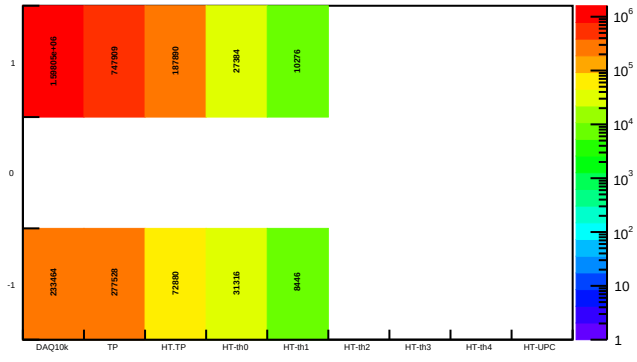
EM201-BC105Diff Entries 3198163



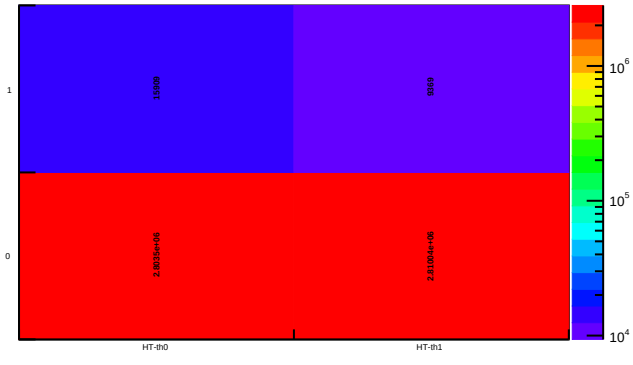
EM201-BC106 Entries 2.537472e+07



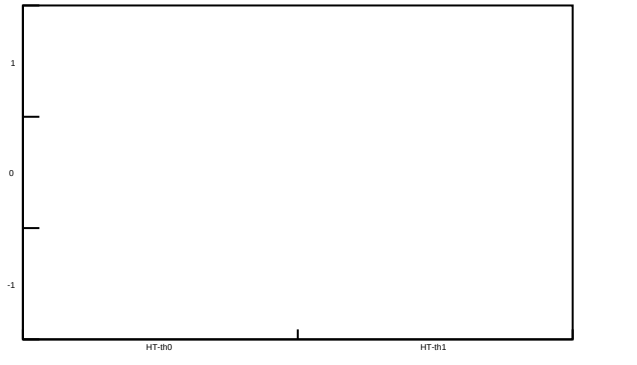
EM201-BC106Diff Entries 3195139



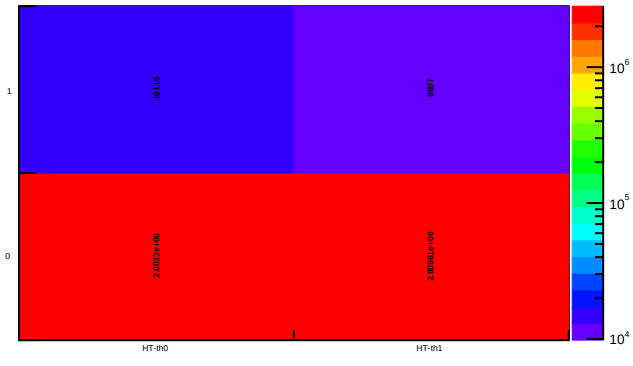
EM201-EE101 Entries 5638826



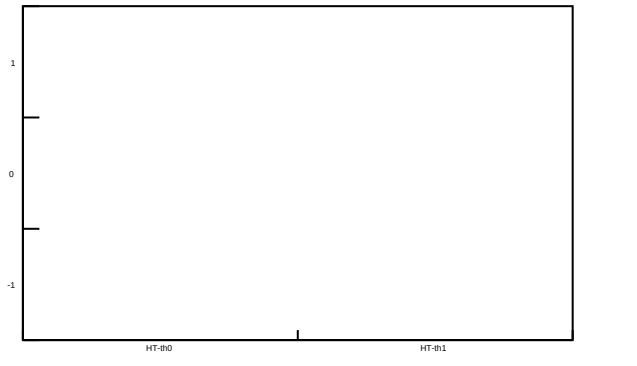
EM201-EE101Diff Entries 0

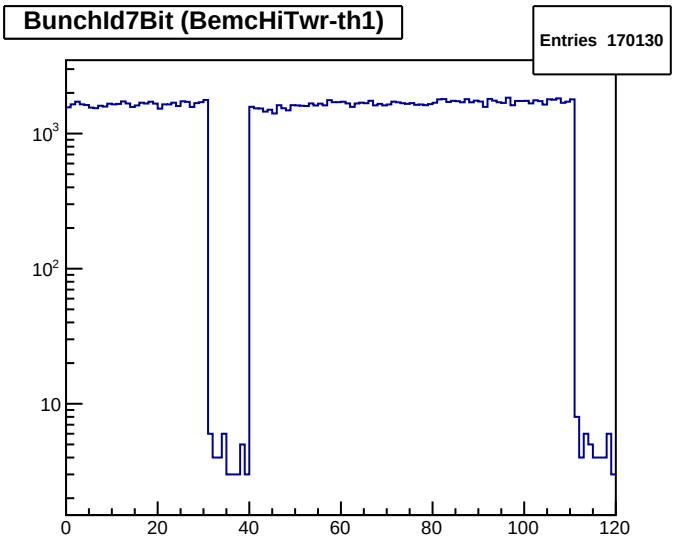


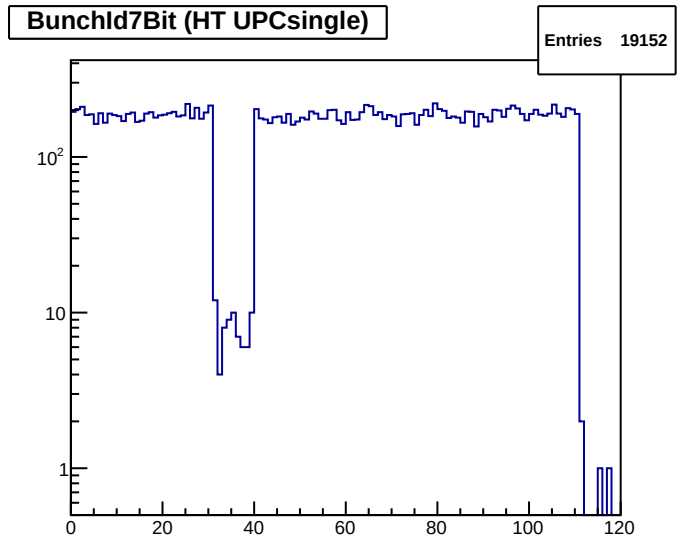
EM201-EE102 Entries 5638826

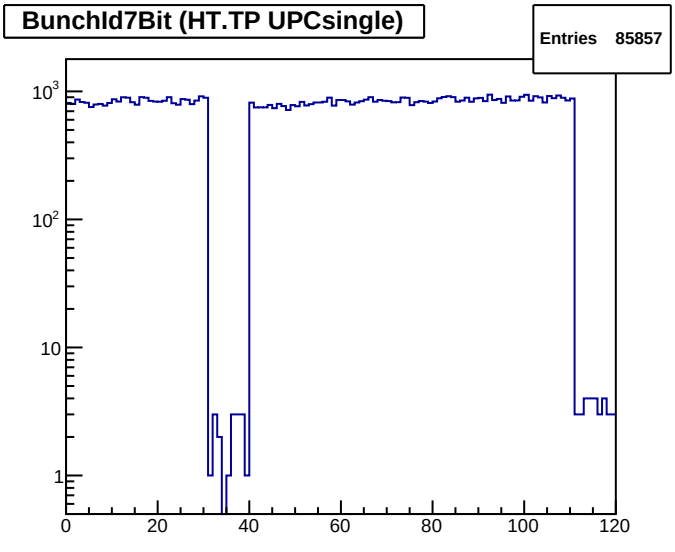


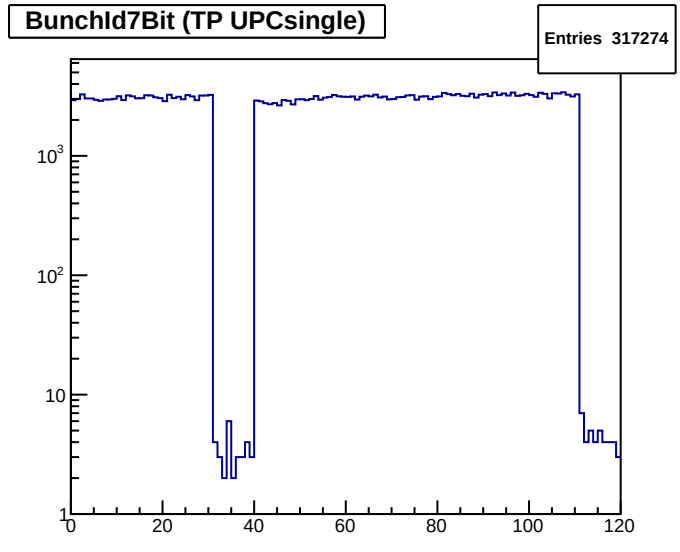
EM201-EE102Diff Entries 0

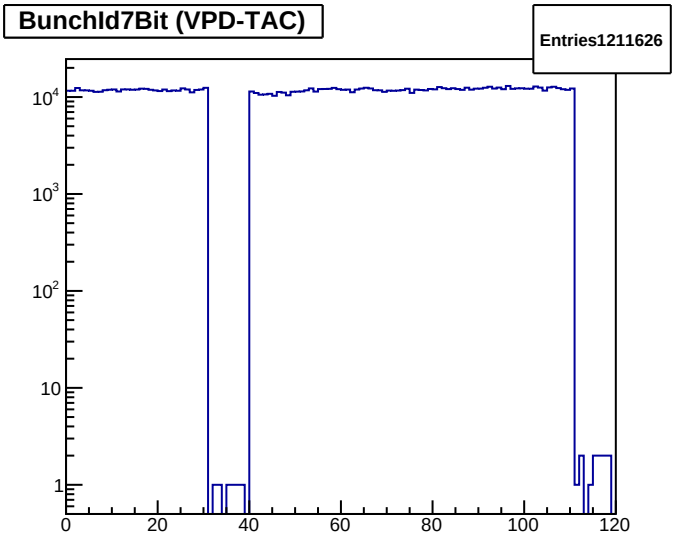


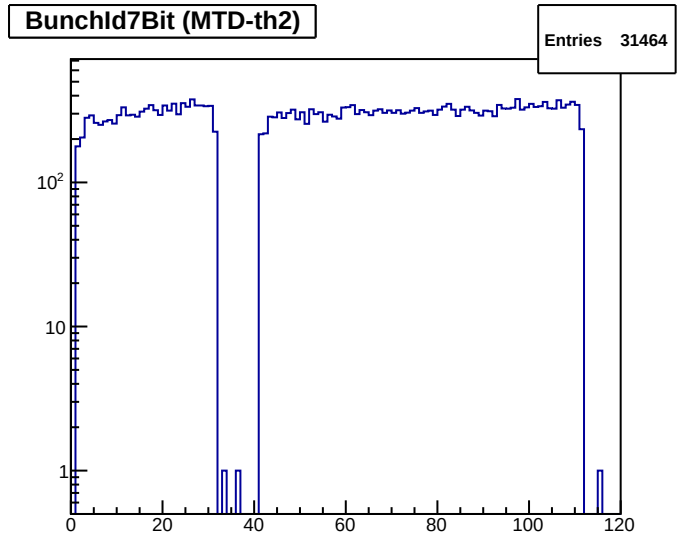

BunchId7Bit (BemcHiTwr-th1)
Entries 170130
10^3
10^2
10
0
20
40
60
80
100
120

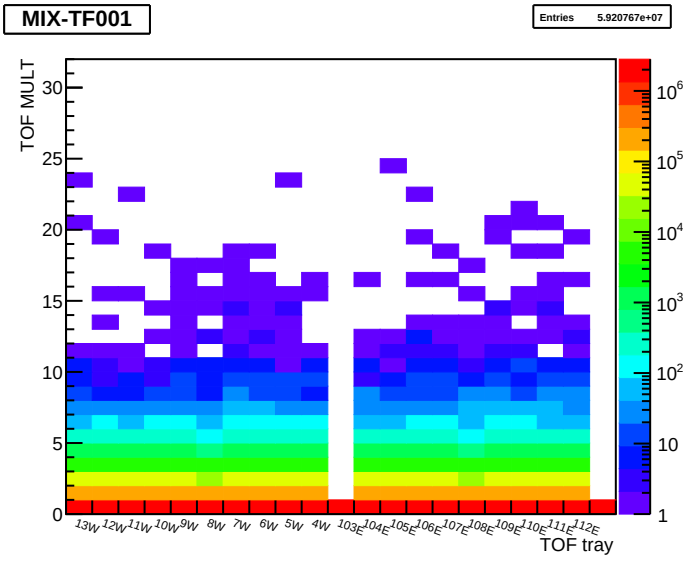

BunchId7Bit (HT UPCsingle)
Entries 19152
10^2
10
1
0
20
40
60
80
100
120

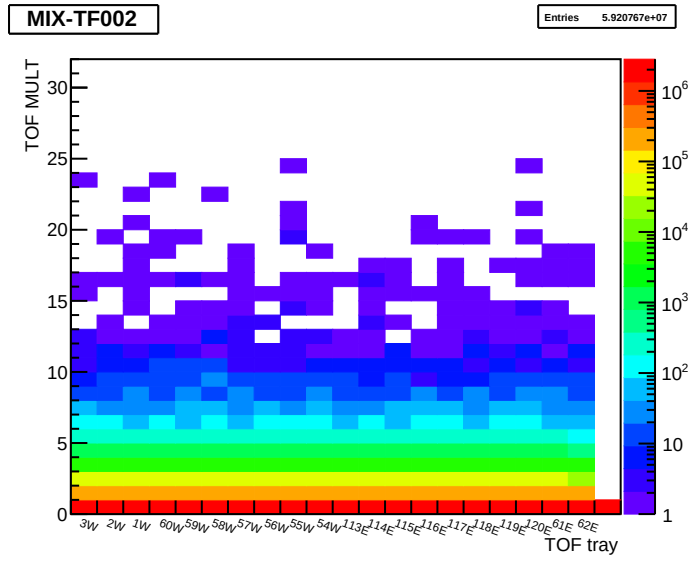

BunchId7Bit (HT.TP UPCsingle)
Entries 85857
10^3
10^2
10
1
0
20
40
60
80
100
120

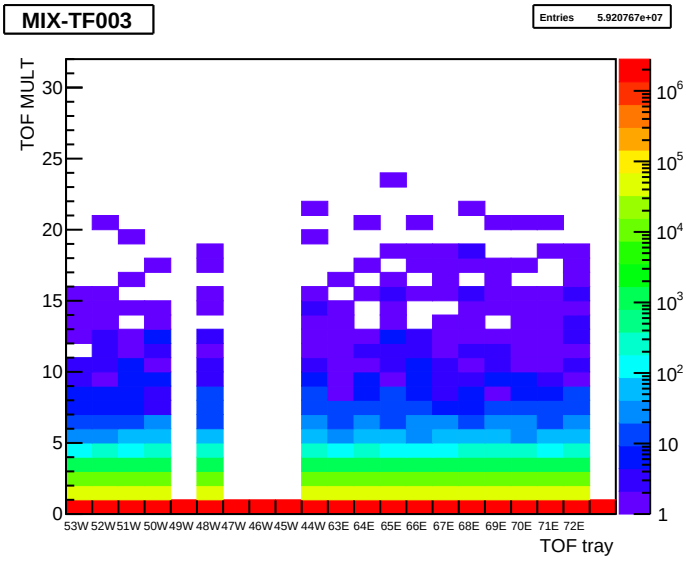

BunchId7Bit (TP UPCsingle)
Entries 317274
10^3
10^2
10
1
0
20
40
60
80
100
120

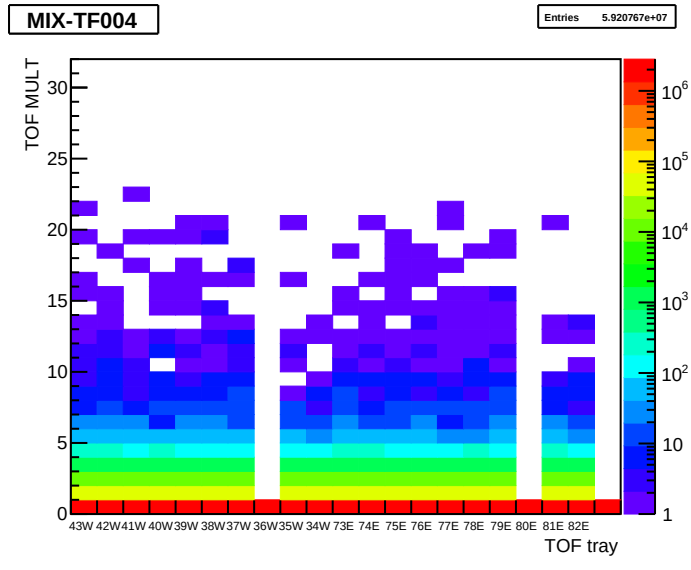

BunchId7Bit (VPD-TAC)
Entries1211626
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

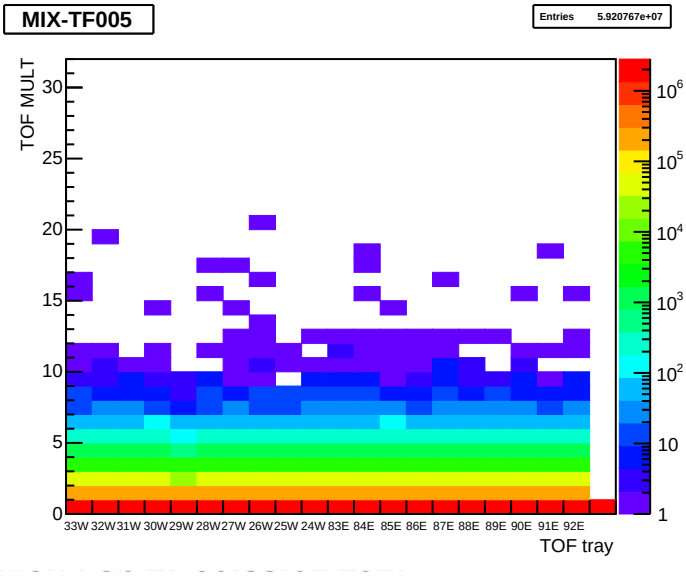

BunchId7Bit (MTD-th2)
Entries 31464
10^2
10
1
0
20
40
60
80
100
120

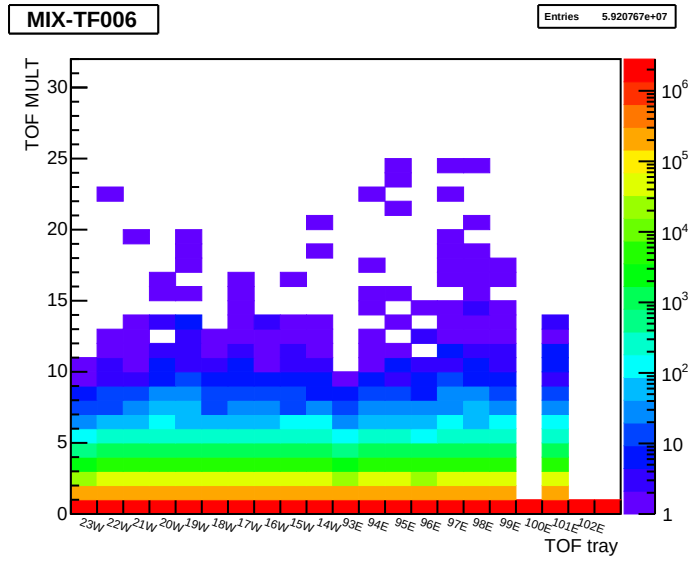

MIX-TF001
Entries 5.920767e+07
TOF MULT
TOF tray

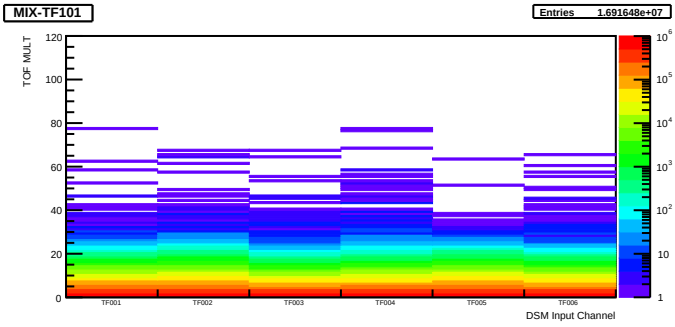

MIX-TF002
Entries 5.920767e+07
TOF MULT
TOF tray

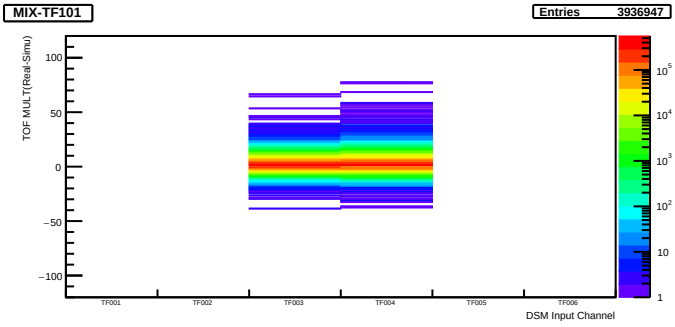

MIX-TF003
Entries 5.920767e+07
TOF MULT
TOF tray

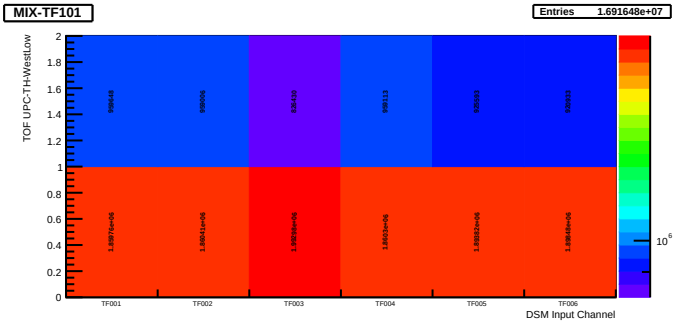

MIX-TF004
Entries 5.920767e+07
TOF MULT
TOF tray

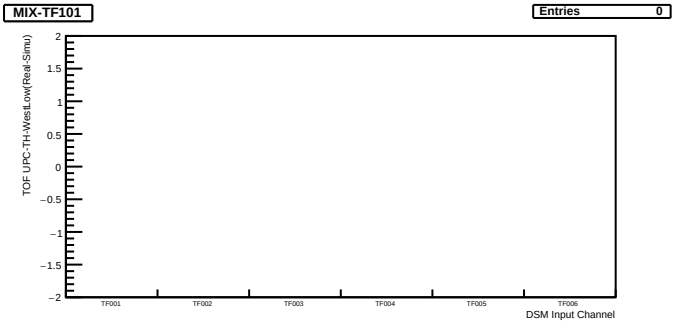

MIX-TF005
Entries 5.920767e+07
TOF MULT
TOF tray

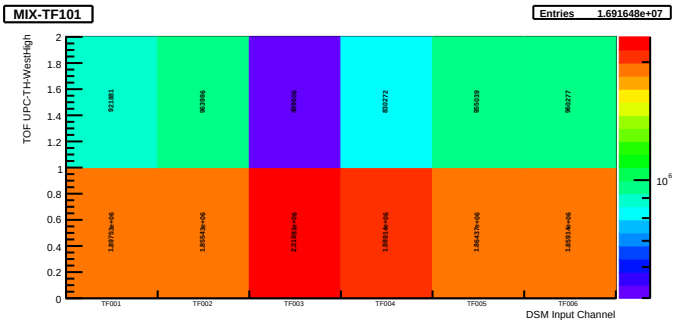

MIX-TF006
Entries 5.920767e+07
TOF MULT
TOF tray

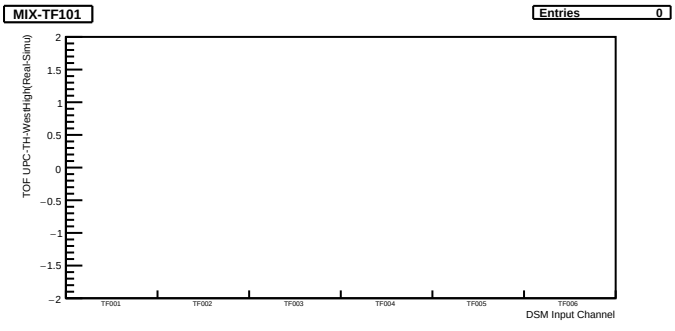

MIX-TF101
Entries 1.691648e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

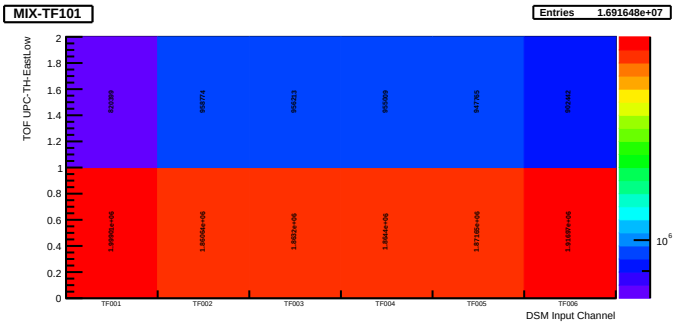

MIX-TF101
Entries 3936947
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

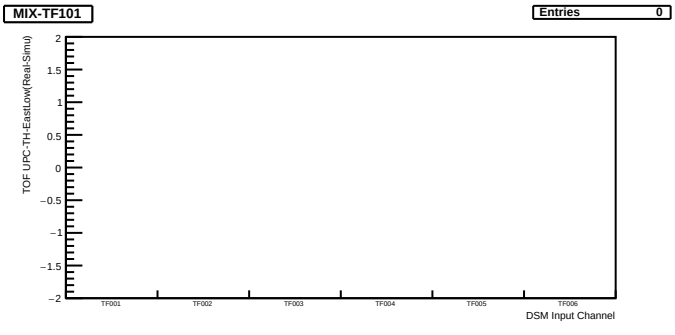

MIX-TF101
Entries 1.691648e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

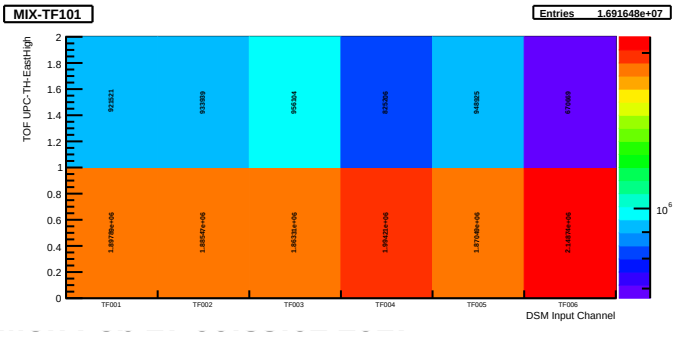

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

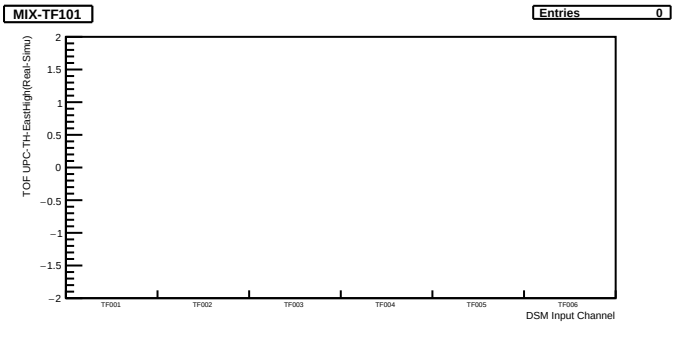

MIX-TF101
Entries 1.691648e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

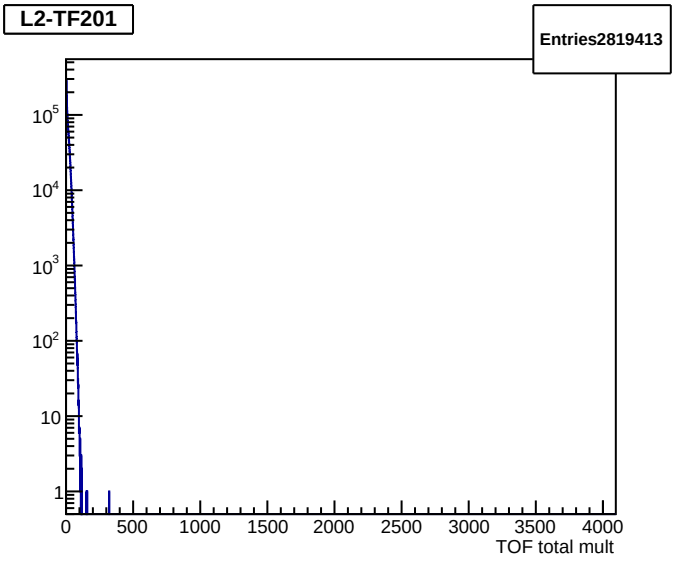

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

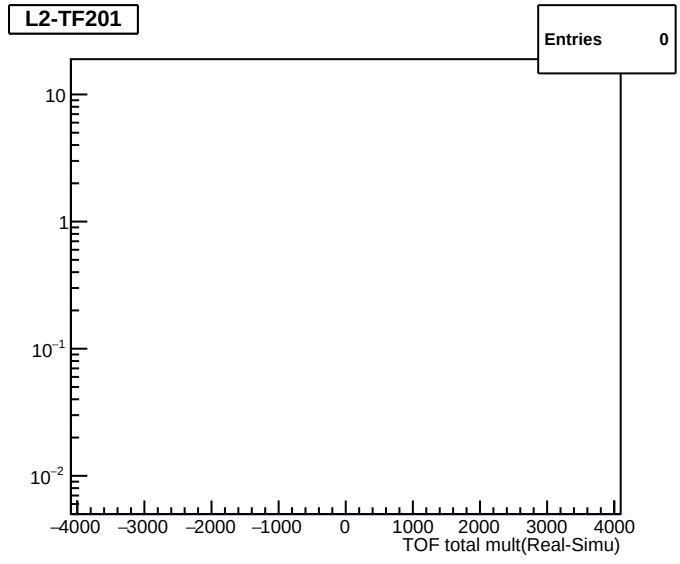

MIX-TF101
Entries 1.691648e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

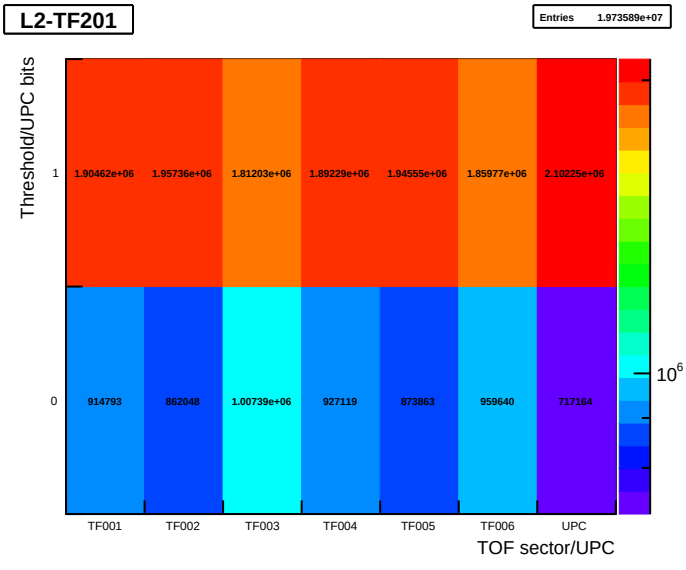

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

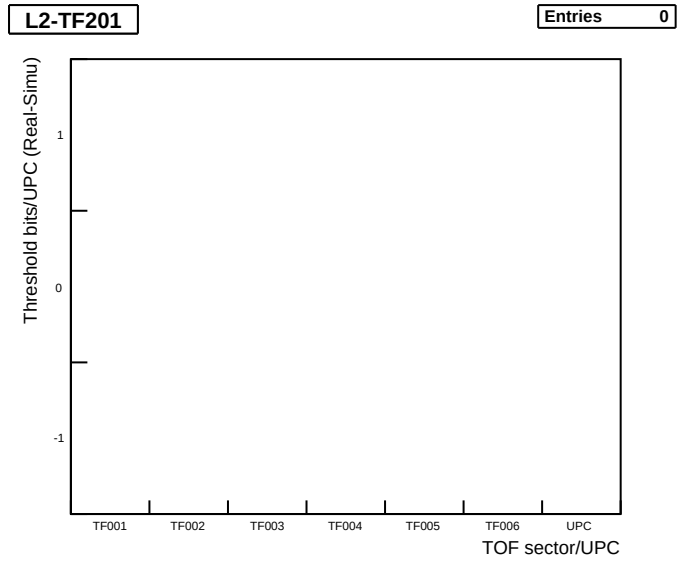

MIX-TF101
Entries 1.691648e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

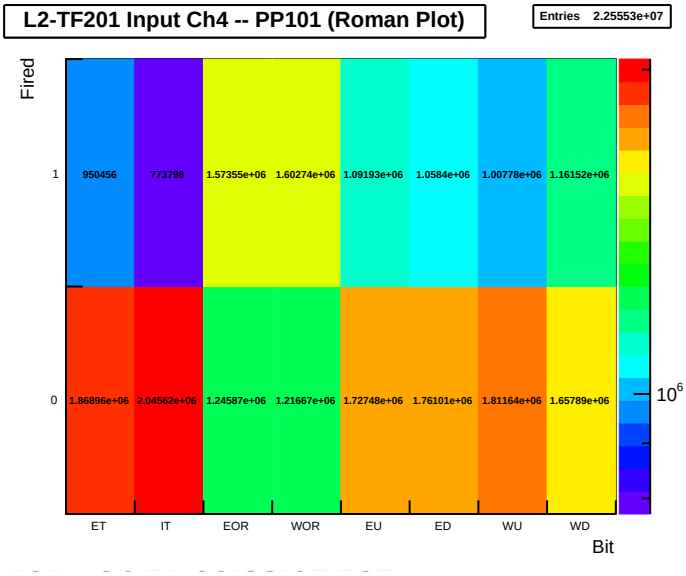

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

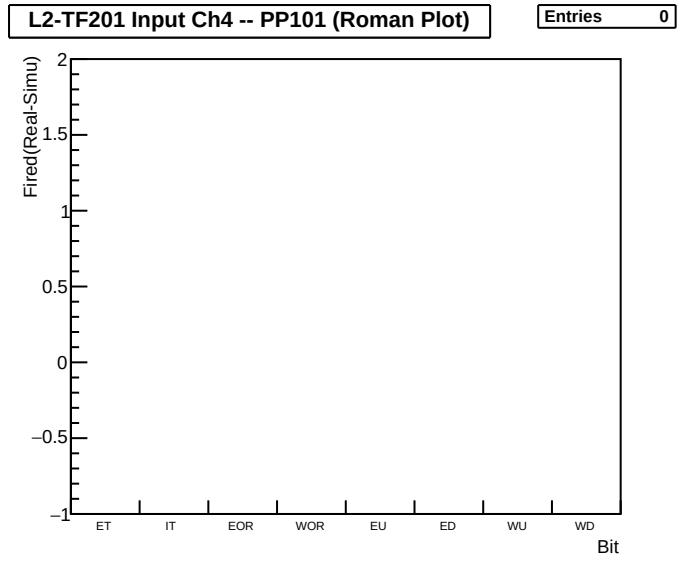

L2-TF201
Entries2819413
TOF total mult

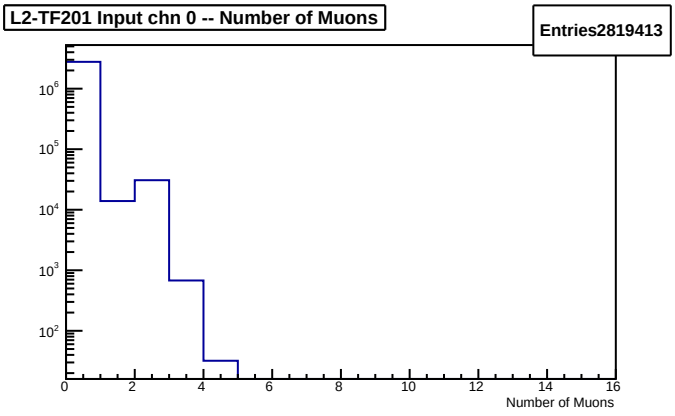

L2-TF201
Entries 0
TOF total mult(Real-Simu)

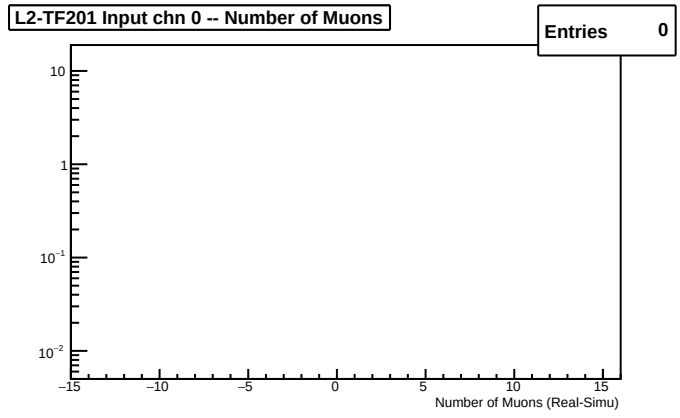

L2-TF201
Entries 1.973589e+07
Threshold/UPC bits
1.90462e+06
1.95736e+06
1.81203e+06
1.89229e+06
1.94555e+06
1.85977e+06
2.10225e+06
914793
862048
1.00739e+06
927119
873863
959640
717164
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

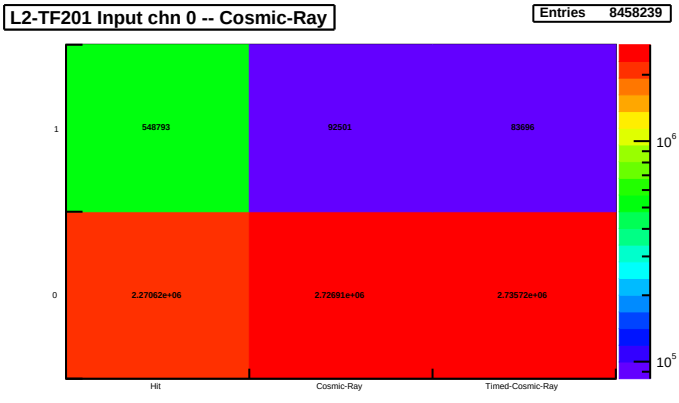

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

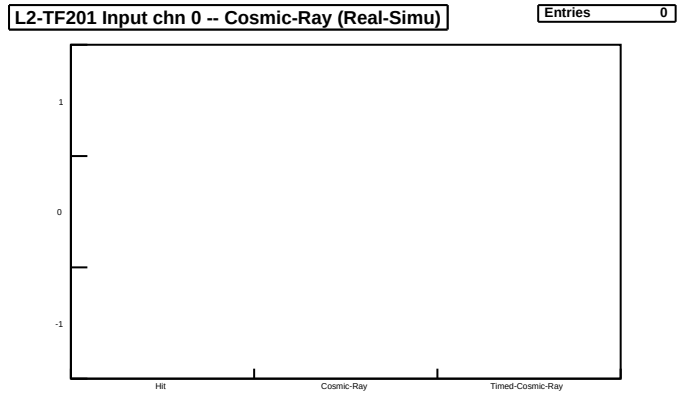

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.25553e+07
Fired
950456
773798
1.57355e+06
1.60274e+06
1.09193e+06
1.0584e+06
1.00778e+06
1.16152e+06
1.86896e+06
2.04562e+06
1.24587e+06
1.21667e+06
1.72748e+06
1.76101e+06
1.81164e+06
1.65789e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

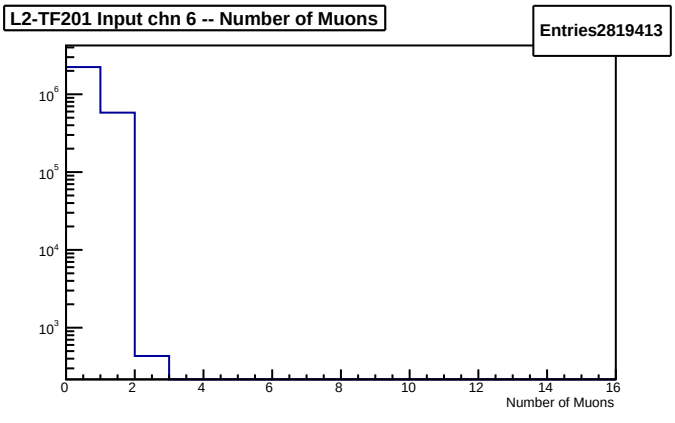

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

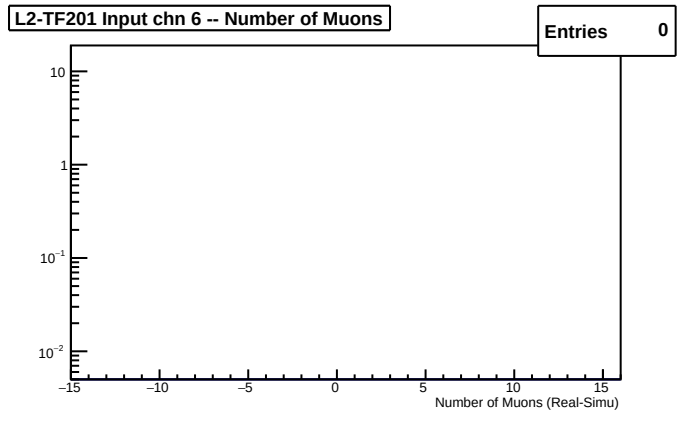

L2-TF201 Input chn 0 -- Number of Muons
Entries2819413
Number of Muons

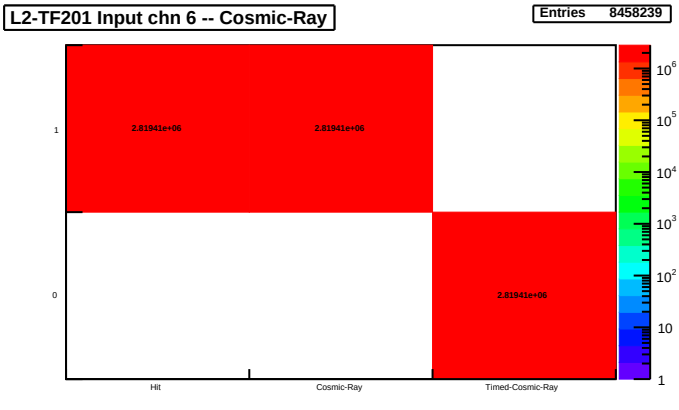

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

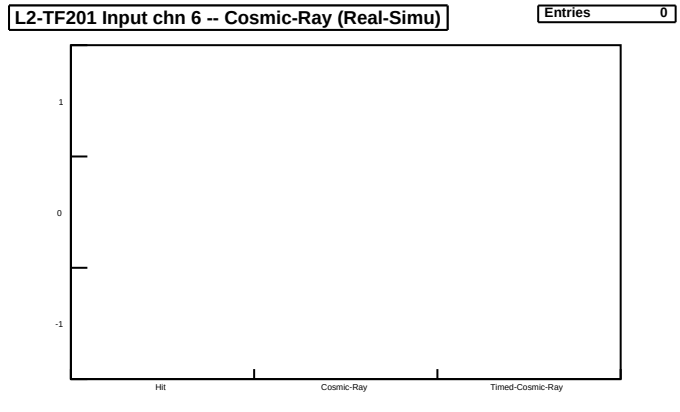

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8458239
548793
92501
83696
2.27062e+06
2.72691e+06
2.73572e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

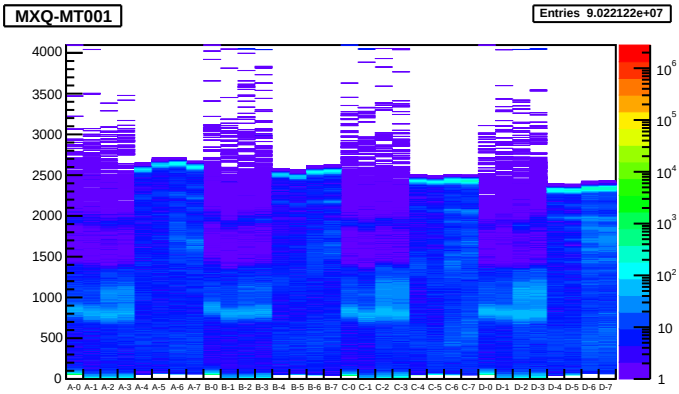

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

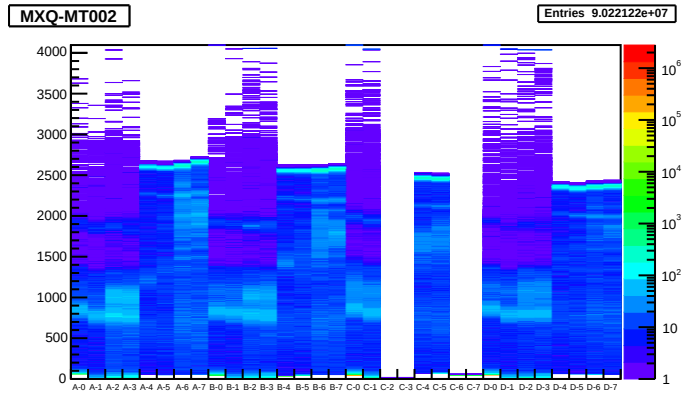

L2-TF201 Input chn 6 -- Number of Muons
Entries2819413
Number of Muons

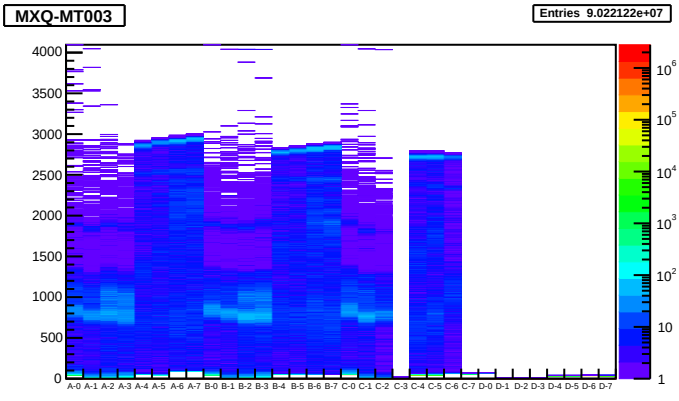

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

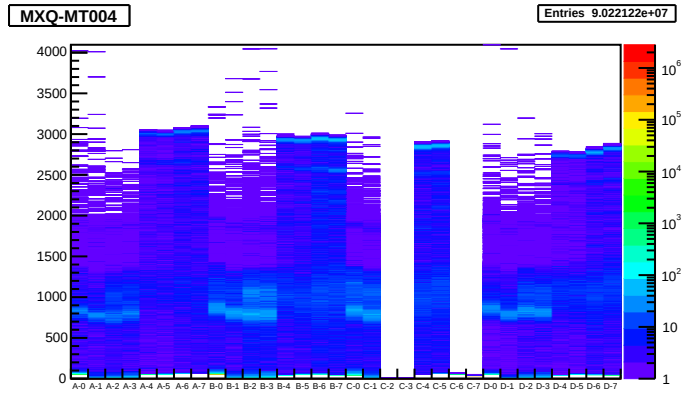

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 8458239
2.81941e+06
2.81941e+06
2.81941e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

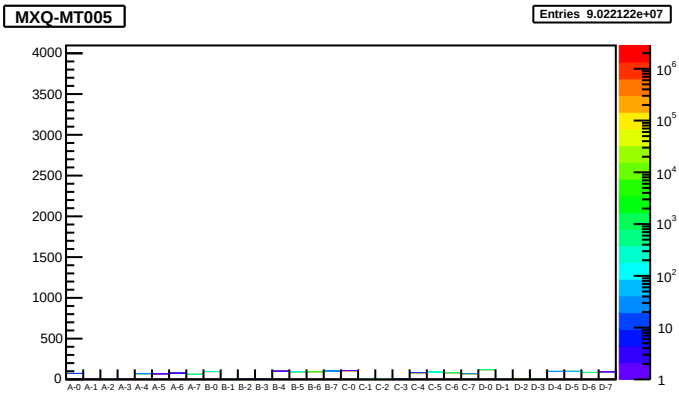

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

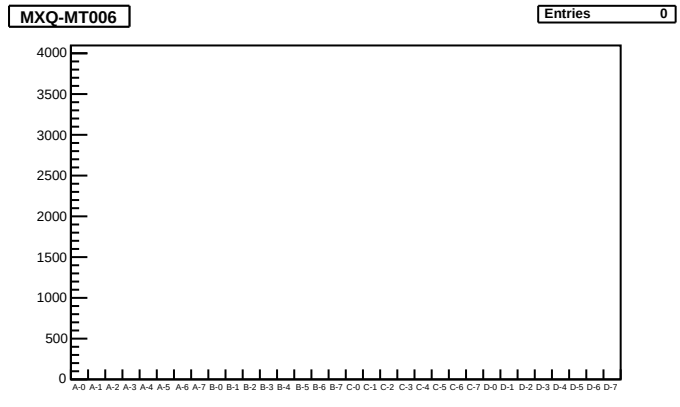

MXQ-MT001
Entries 9.022122e+07

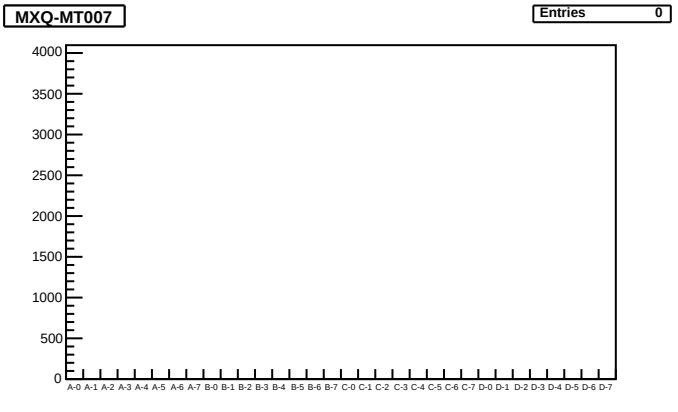

MXQ-MT002
Entries 9.022122e+07

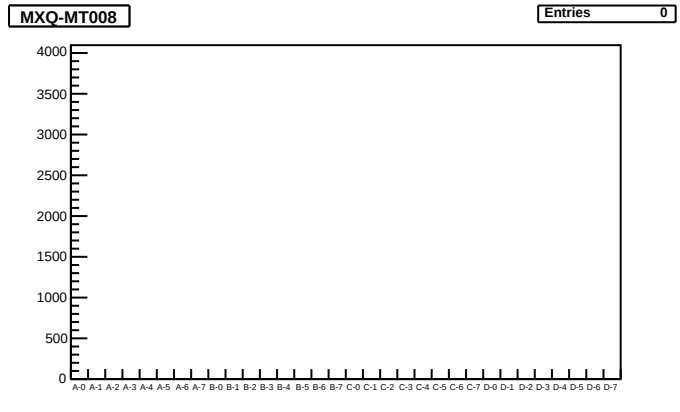

MXQ-MT003
Entries 9.022122e+07

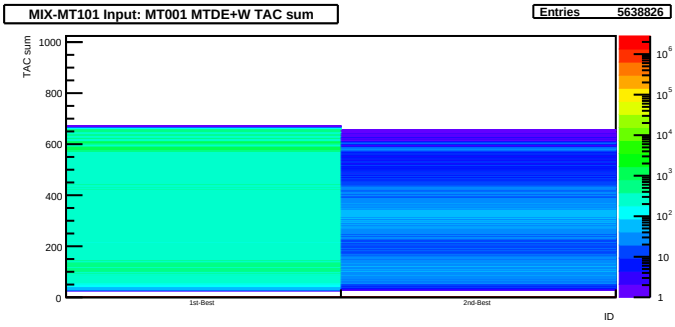

MXQ-MT004
Entries 9.022122e+07

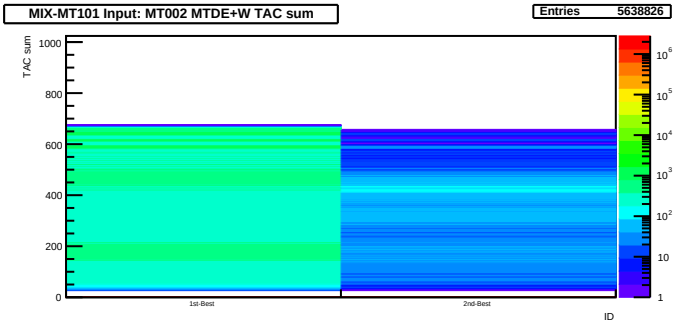

MXQ-MT005
Entries 9.022122e+07

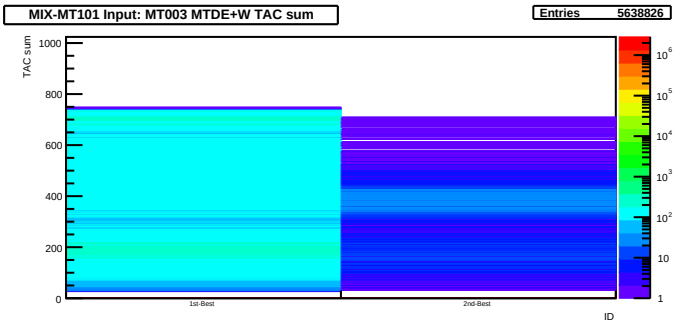

MXQ-MT006
Entries 0

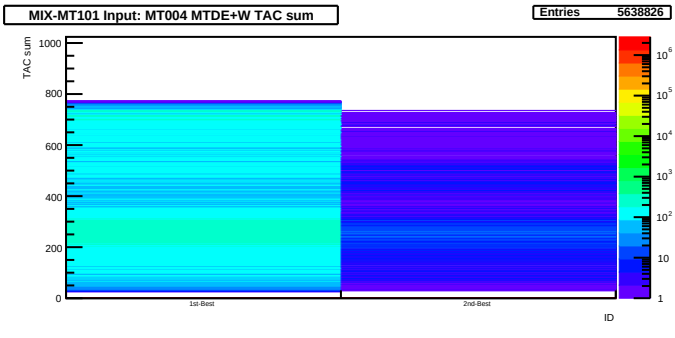

MXQ-MT007
Entries 0

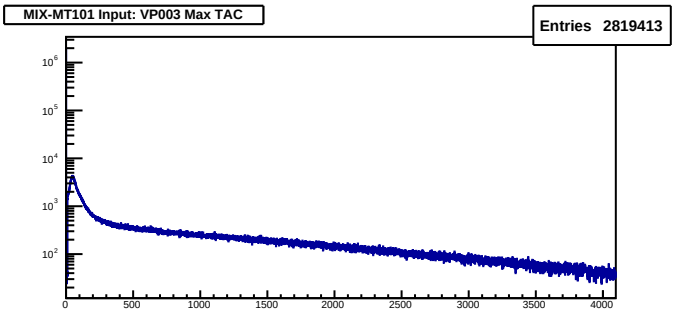

MXQ-MT008
Entries 0

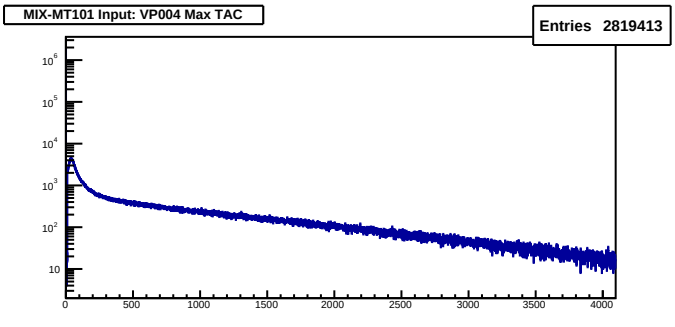

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID

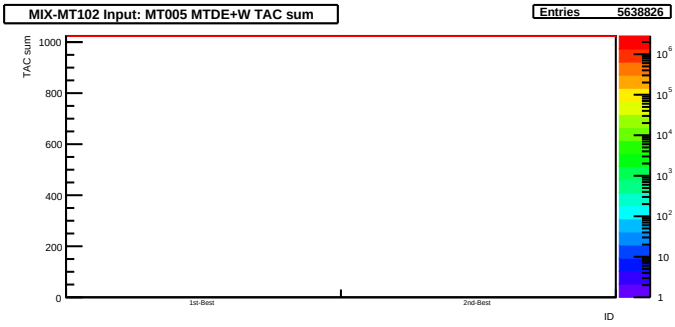

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID

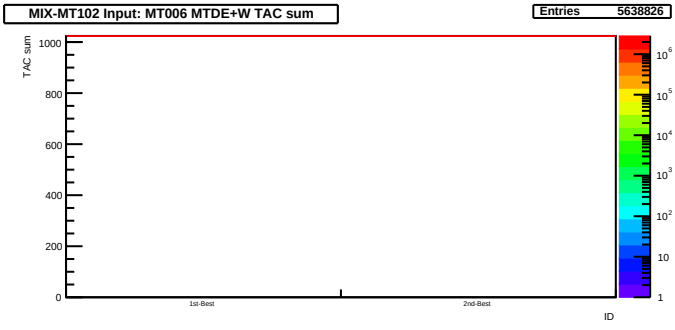

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID

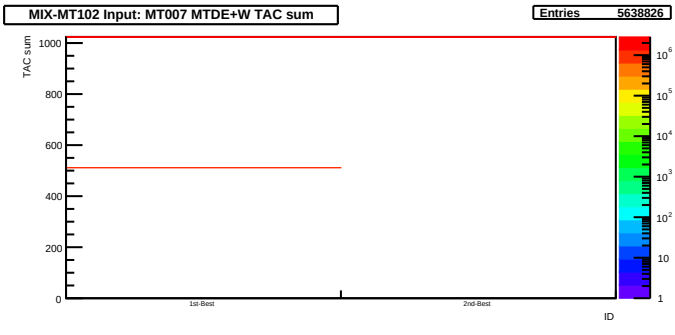

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID

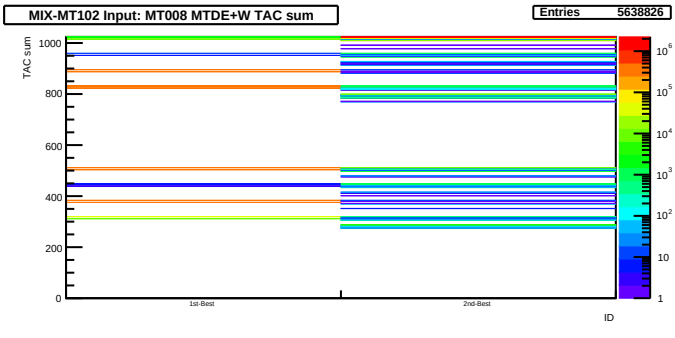

MIX-MT101 Input: VP003 Max TAC
Entries 2819413

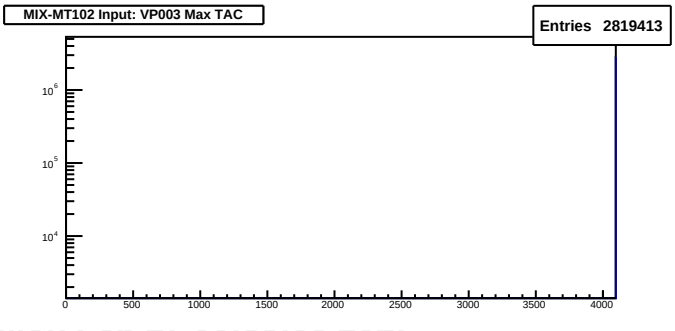

MIX-MT101 Input: VP004 Max TAC
Entries 2819413

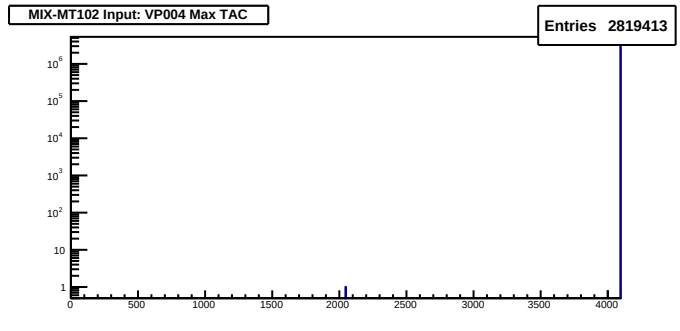

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID

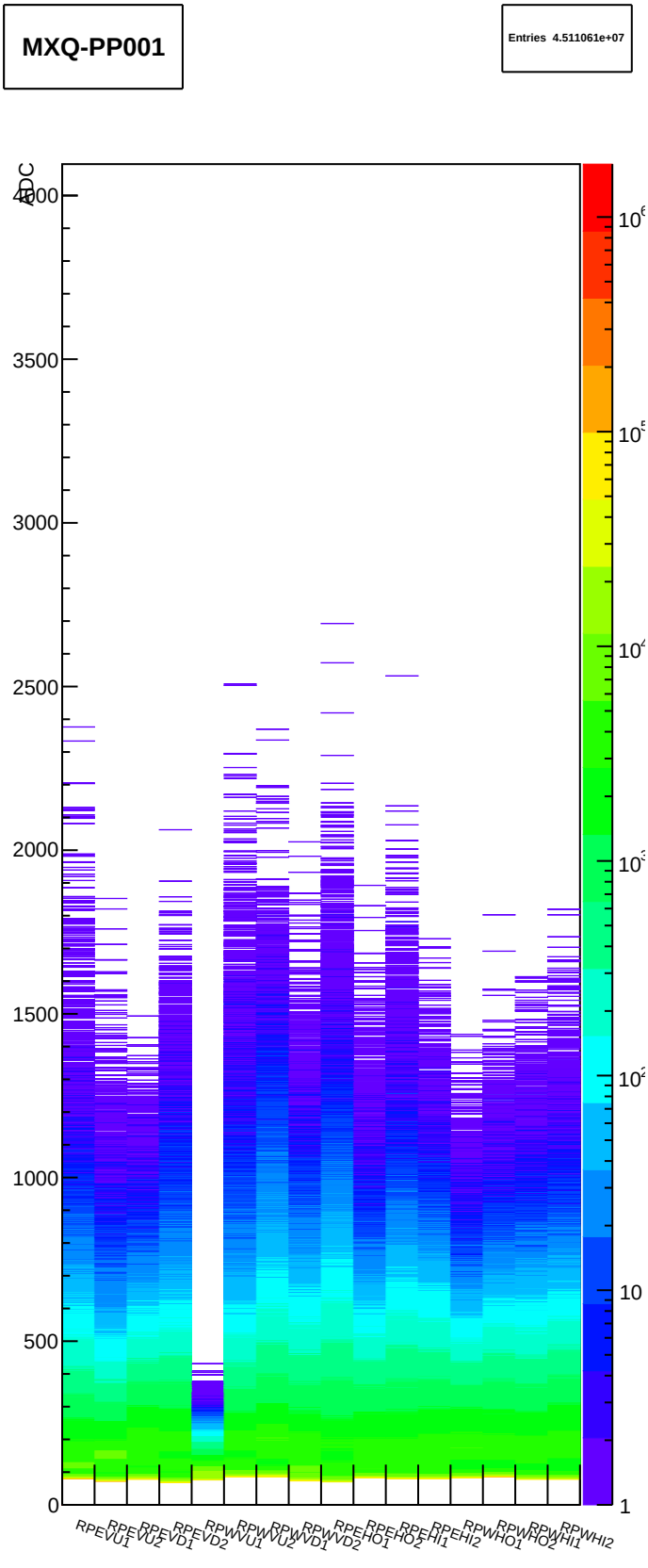

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID

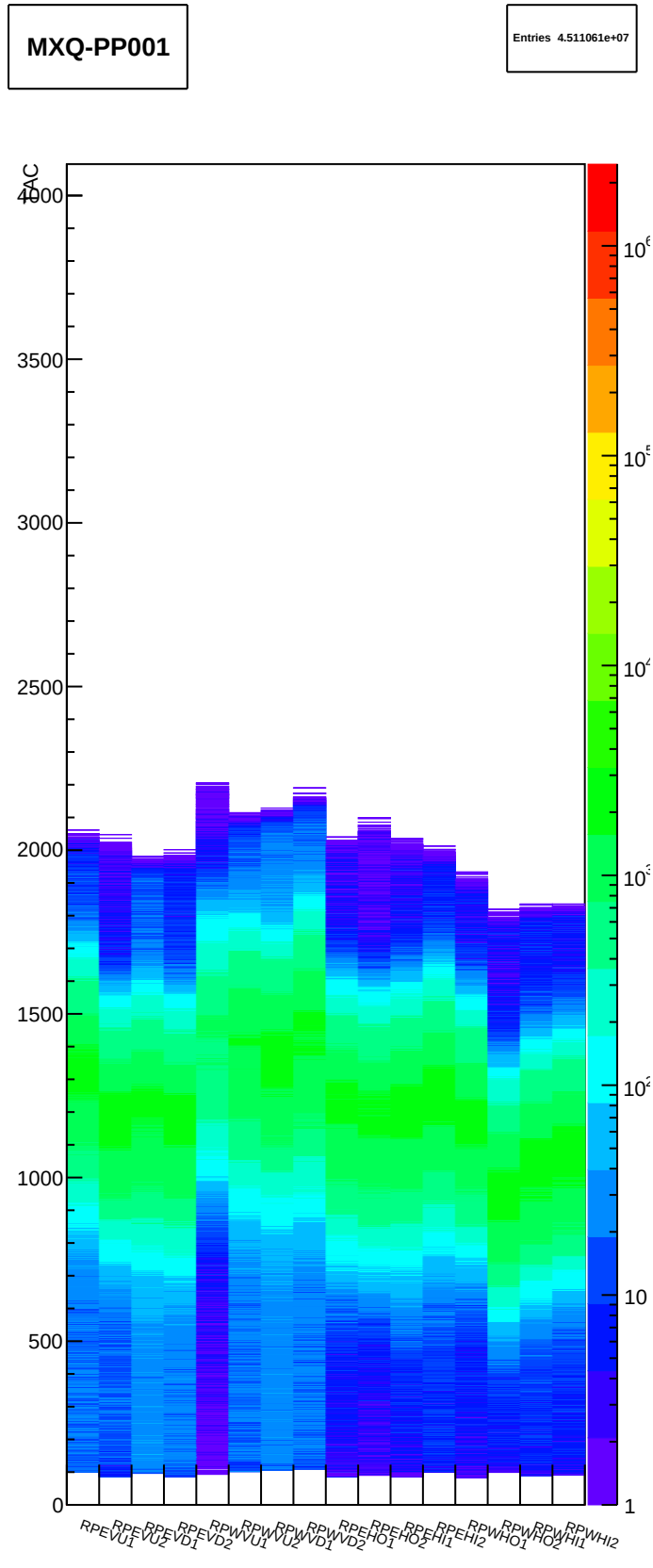

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5638826
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2819413


MIX-MT102 Input: VP004 Max TAC
Entries 2819413


MXQ-PP001
Entries 4.511061e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 4.511061e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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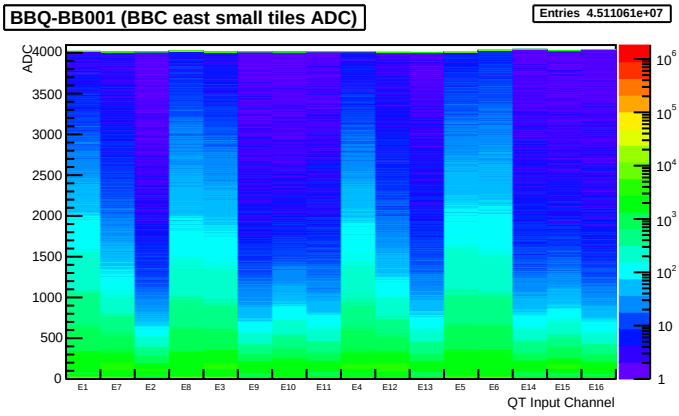
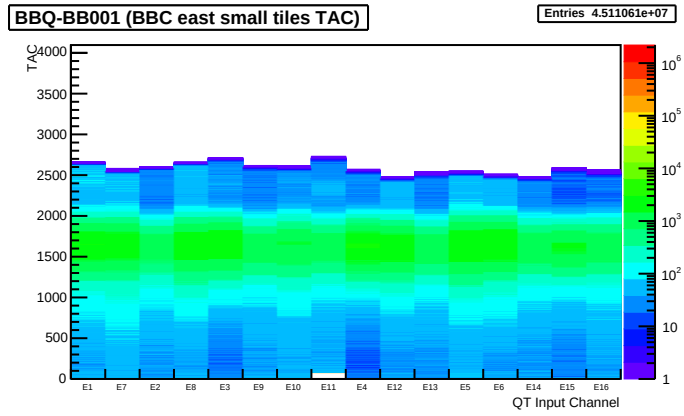
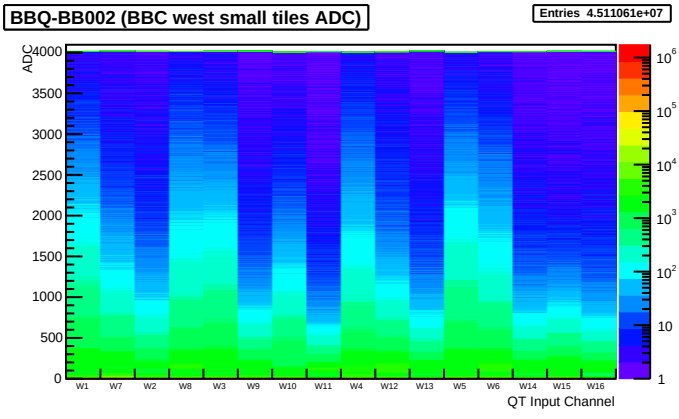
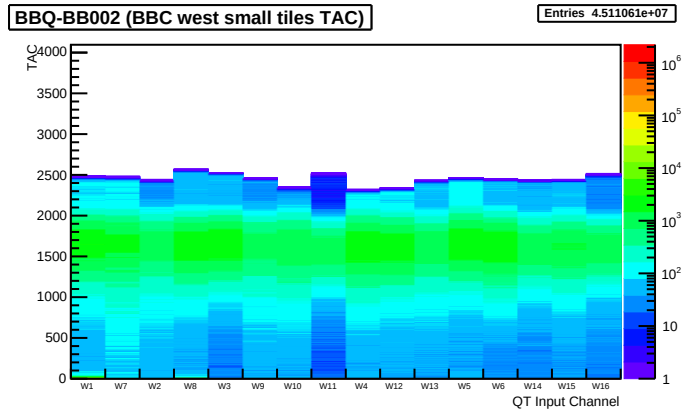
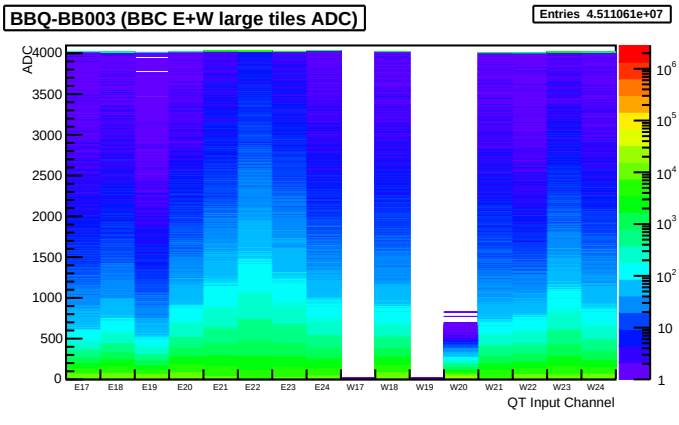
RPWHI1
RPWHI2
1
10

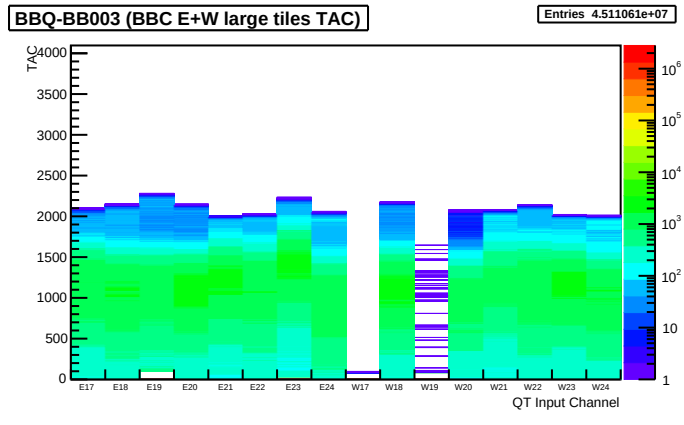

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.511061e+07
ADC
QT Input Channel

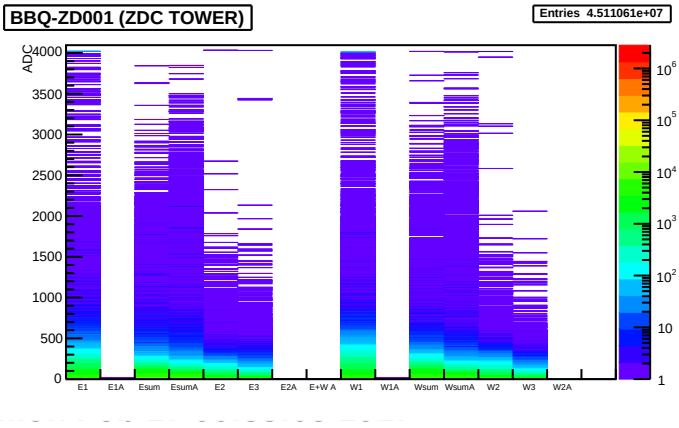

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.511061e+07
TAC
QT Input Channel

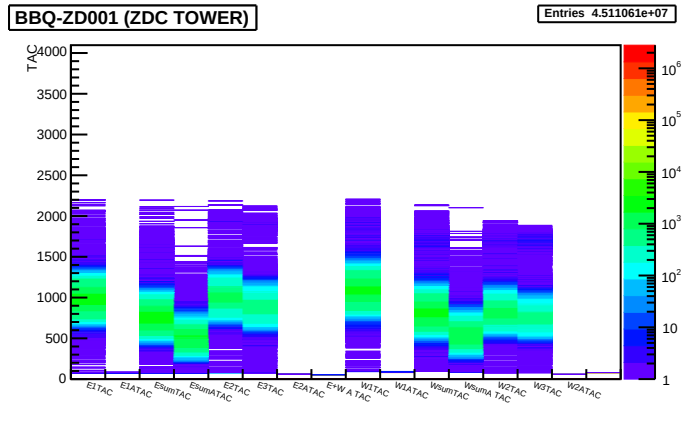

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.511061e+07
ADC
QT Input Channel

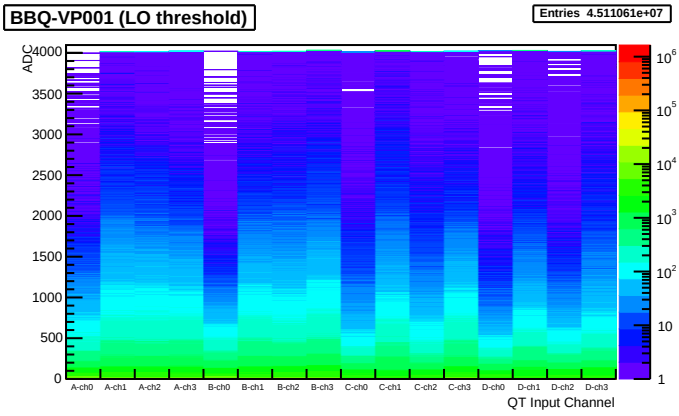

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.511061e+07
TAC
QT Input Channel

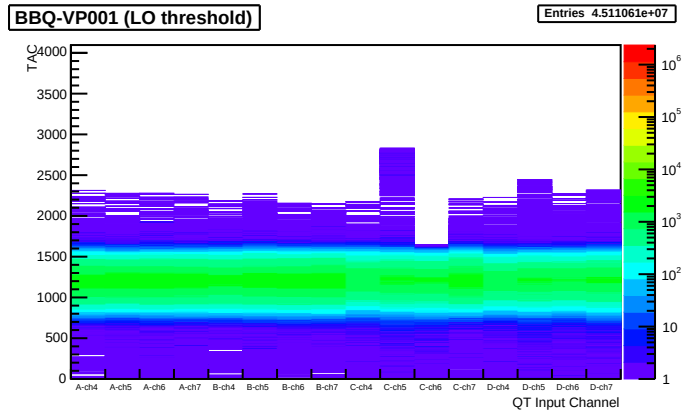

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.511061e+07
ADC
QT Input Channel

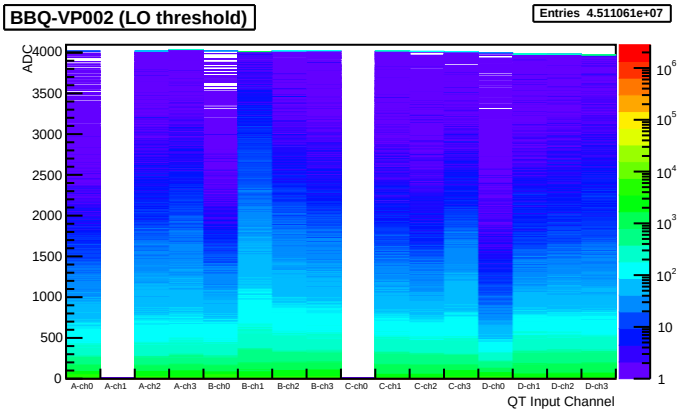

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.511061e+07
TAC
QT Input Channel

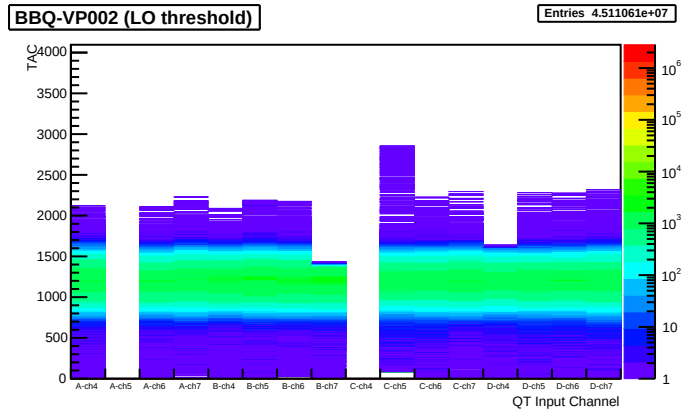

BBQ-ZD001 (ZDC TOWER)
Entries 4.511061e+07
ADC

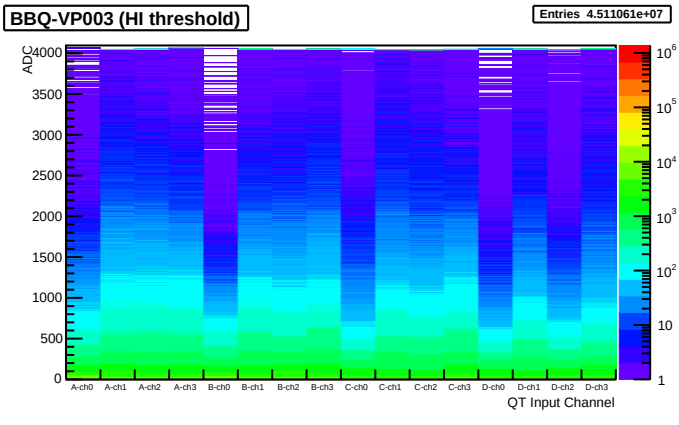

BBQ-ZD001 (ZDC TOWER)
Entries 4.511061e+07
TAC

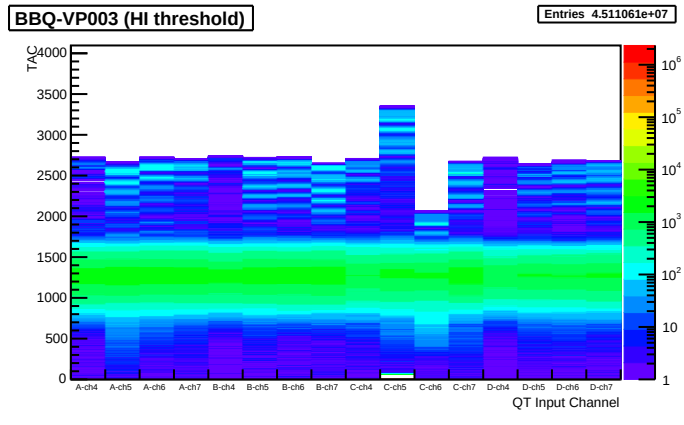

BBQ-VP001 (LO threshold)
Entries 4.511061e+07
ADC
QT Input Channel

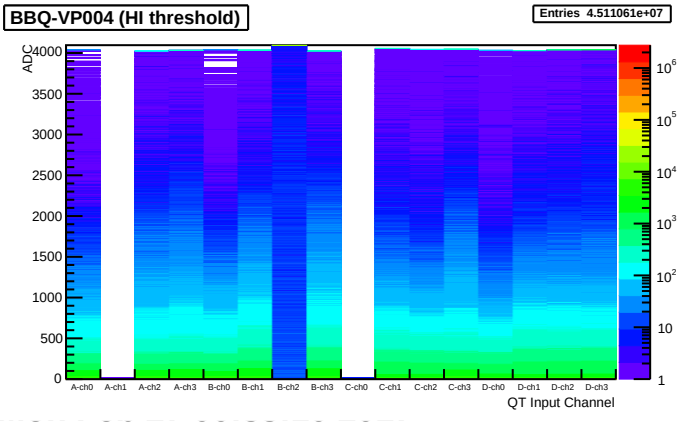

BBQ-VP001 (LO threshold)
Entries 4.511061e+07
TAC
QT Input Channel

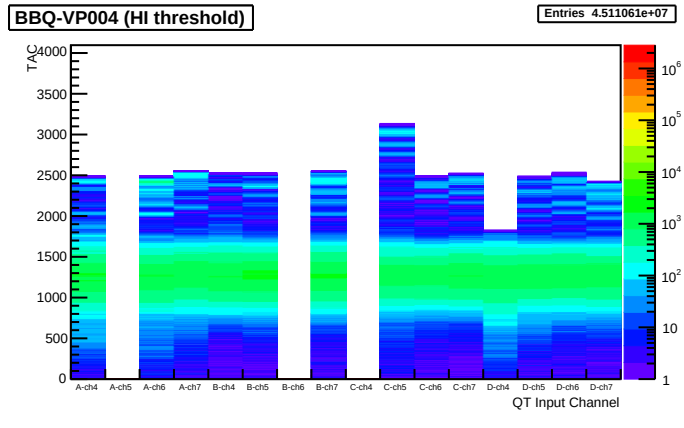

BBQ-VP002 (LO threshold)
Entries 4.511061e+07
ADC
QT Input Channel

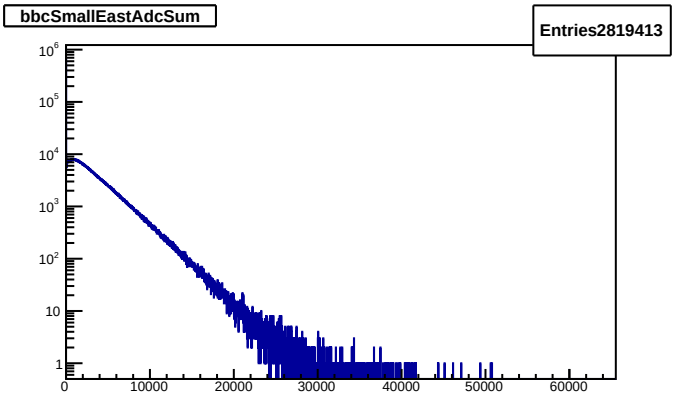

BBQ-VP002 (LO threshold)
Entries 4.511061e+07
TAC
QT Input Channel

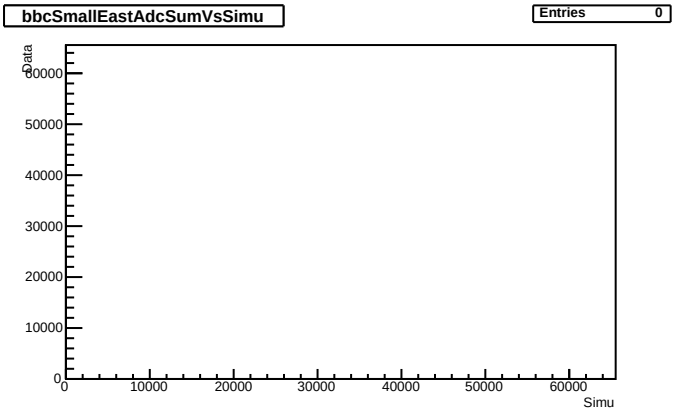

BBQ-VP003 (HI threshold)
Entries 4.511061e+07
ADC
QT Input Channel

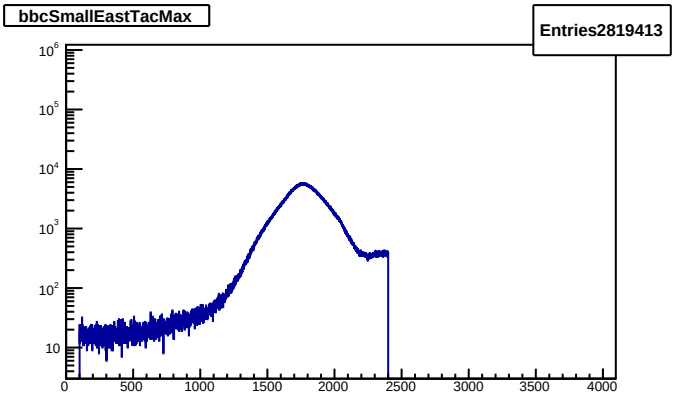

BBQ-VP003 (HI threshold)
Entries 4.511061e+07
TAC
QT Input Channel

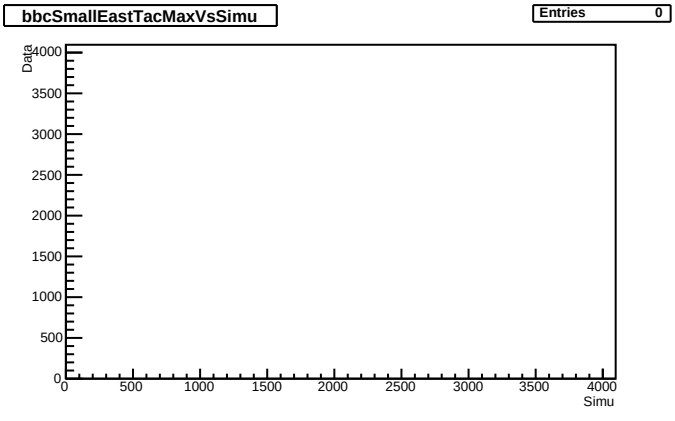

BBQ-VP004 (HI threshold)
Entries 4.511061e+07
ADC
QT Input Channel

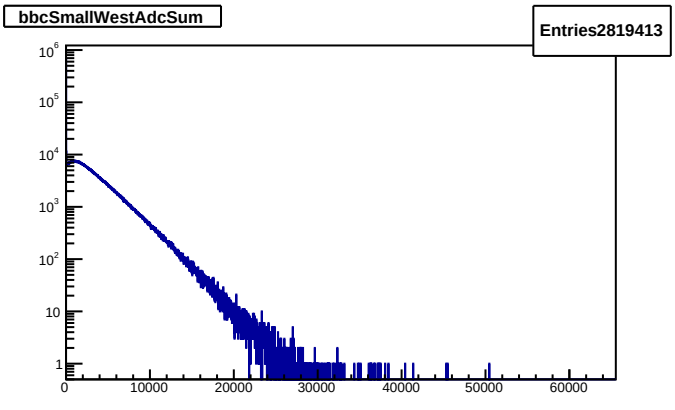

BBQ-VP004 (HI threshold)
Entries 4.511061e+07
TAC
QT Input Channel

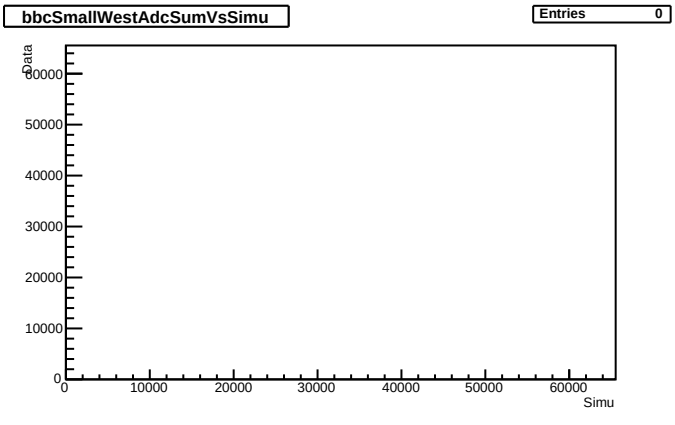

bbcSmallEastAdcSum
Entries2819413

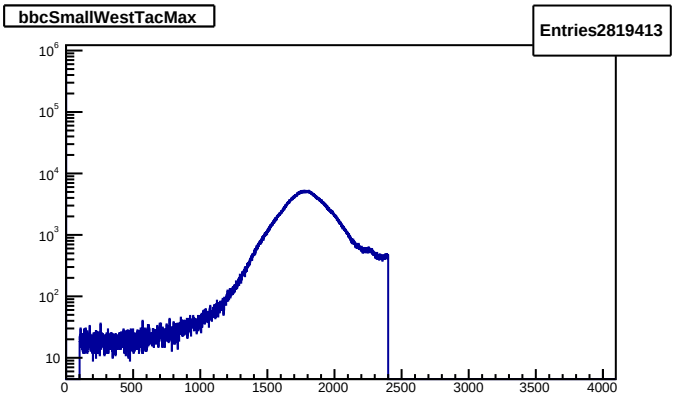

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

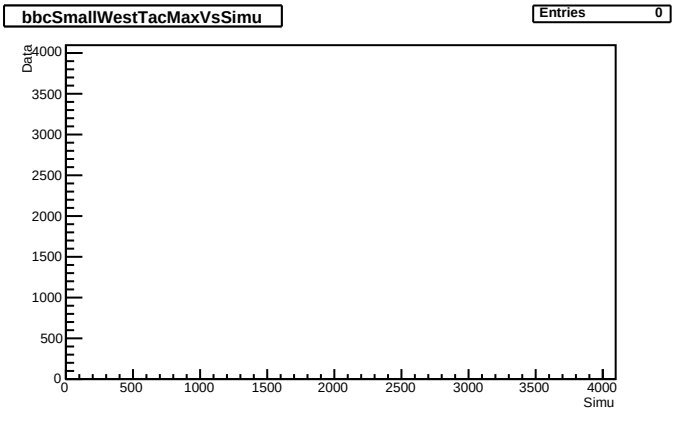

bbcSmallEastTacMax
Entries2819413

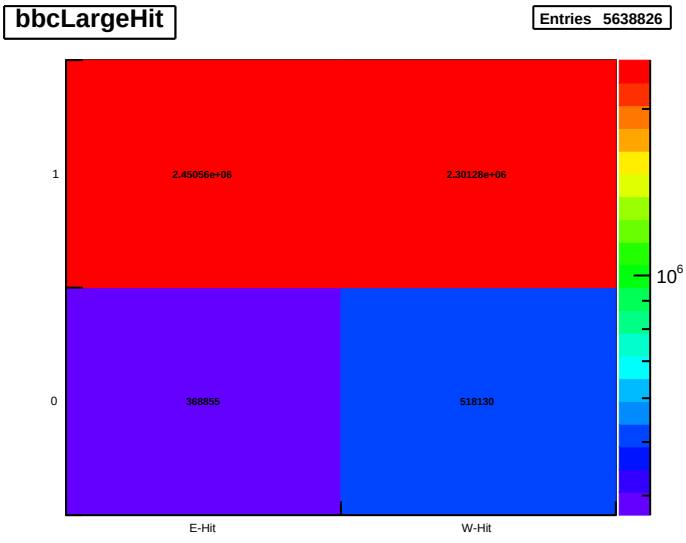

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

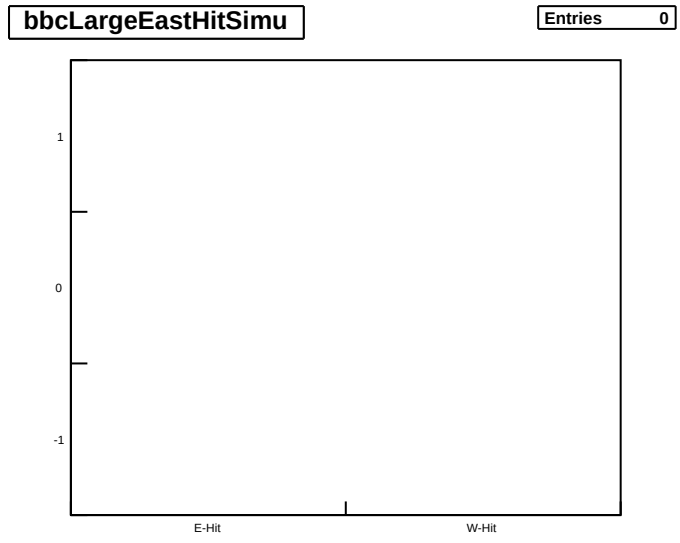

bbcSmallWestAdcSum
Entries2819413

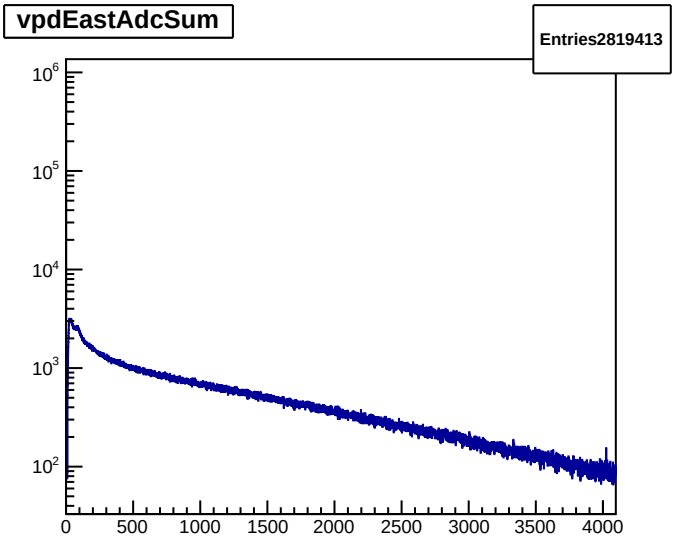

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

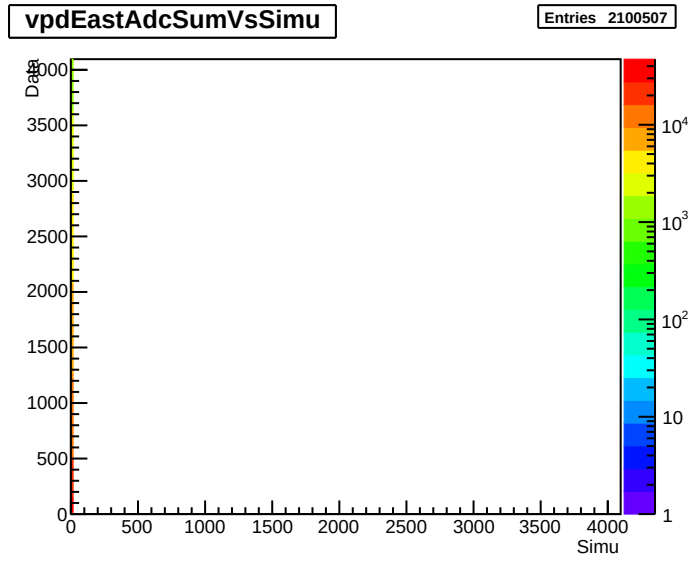

bbcSmallWestTacMax
Entries2819413

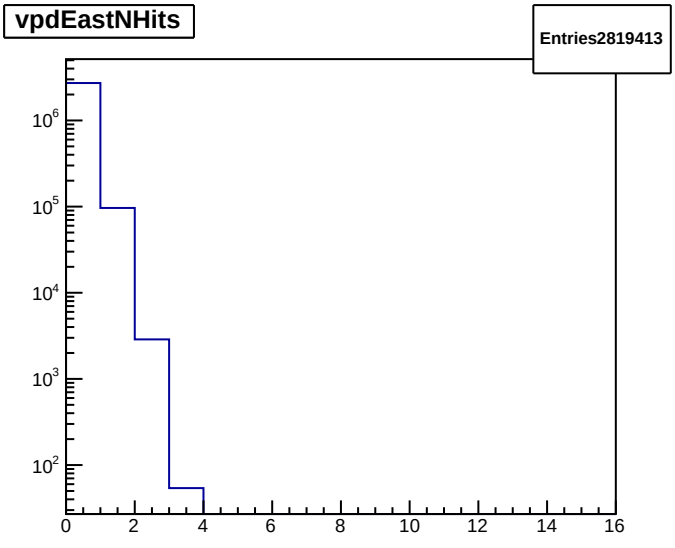

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

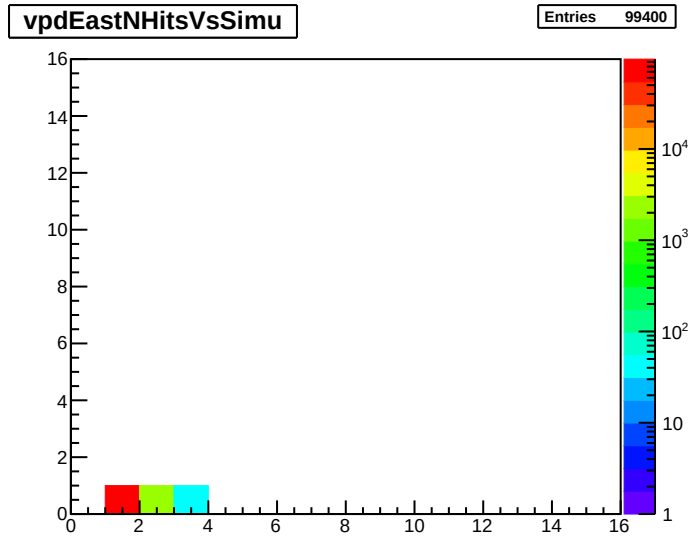

bbcLargeHit
Entries 5638826
1
0
2.45056e+06
2.30128e+06
368855
518130
E-Hit
W-Hit
10^6

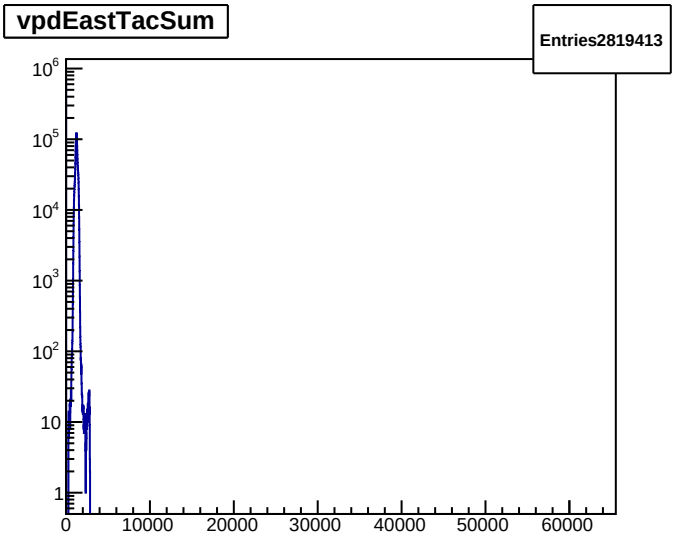

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

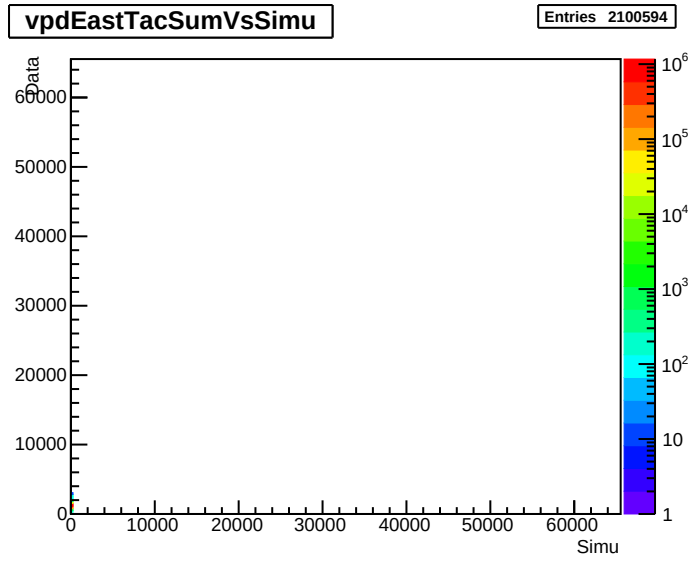

vpdEastAdcSum
Entries2819413

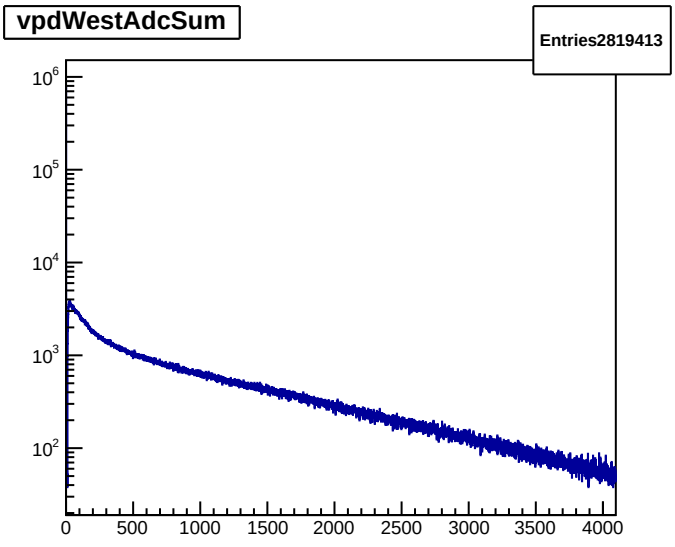

vpdEastAdcSumVsSimu
Entries 2100507
Data
Simu

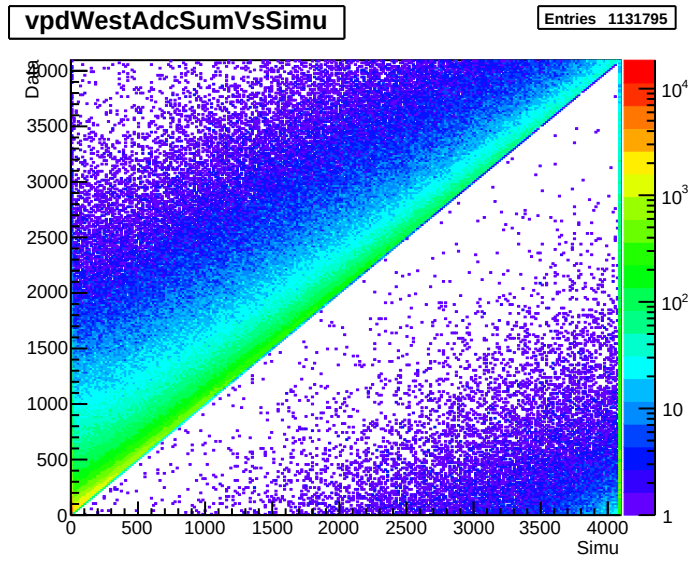

vpdEastNHits
Entries2819413

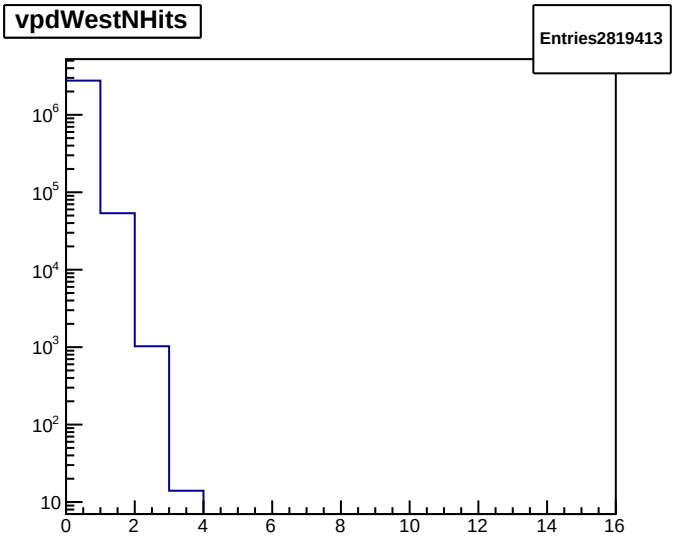

vpdEastNHitsVsSimu
Entries 99400

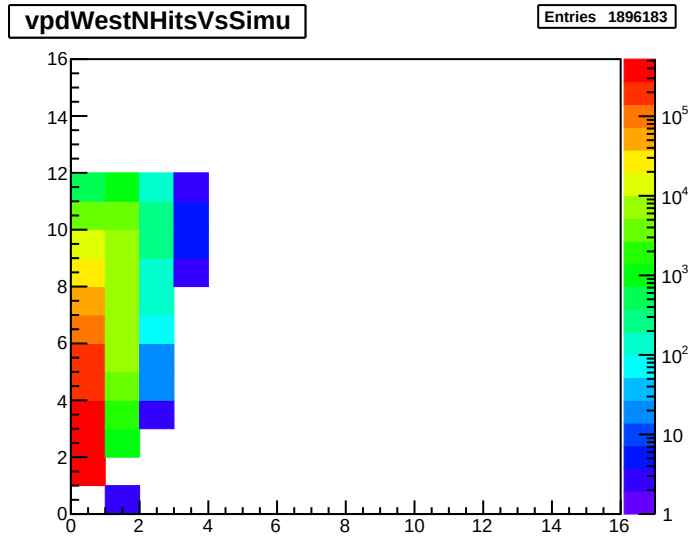

vpdEastTacSum
Entries2819413

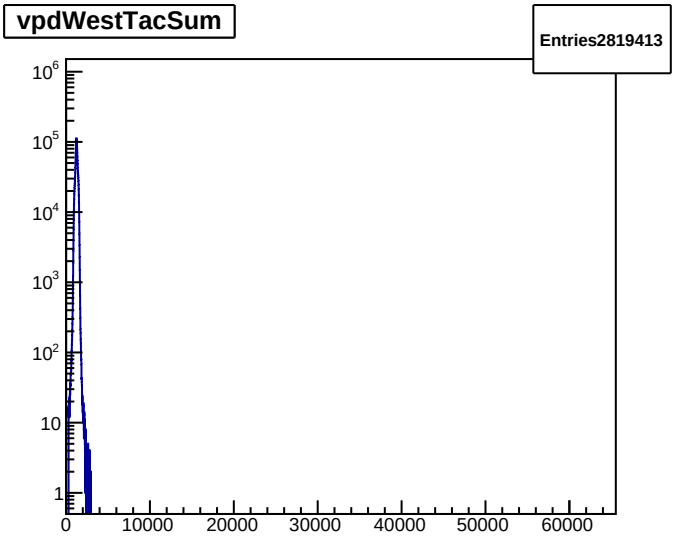

vpdEastTacSumVsSimu
Entries 2100594
Data
Simu

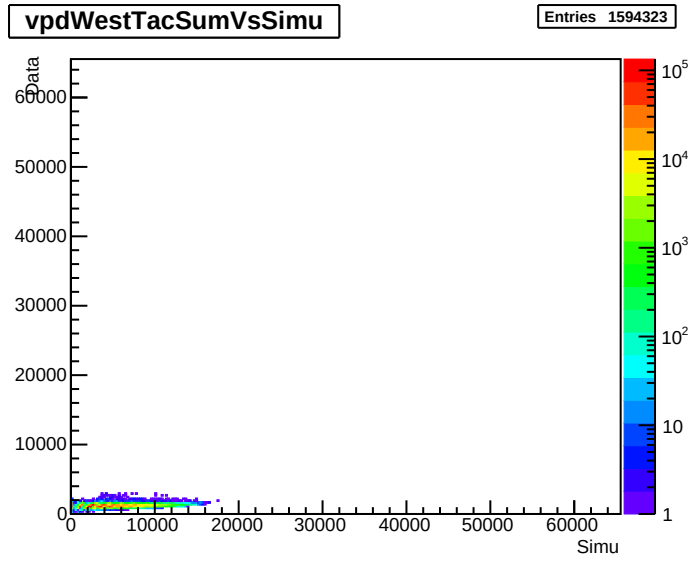

vpdWestAdcSum
Entries2819413

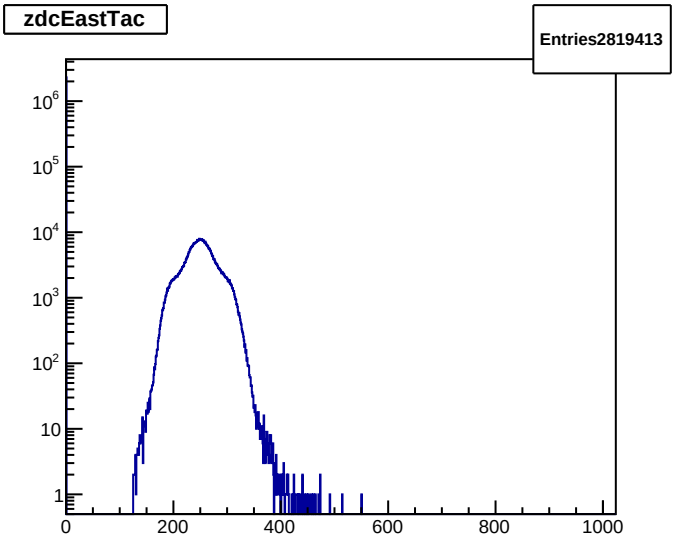

vpdWestAdcSumVsSimu
Entries 1131795
Data
Simu

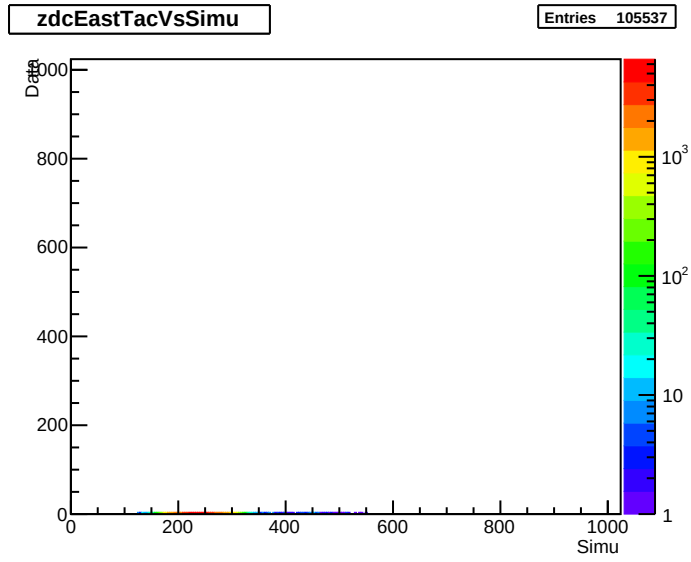

vpdWestNHits
Entries2819413

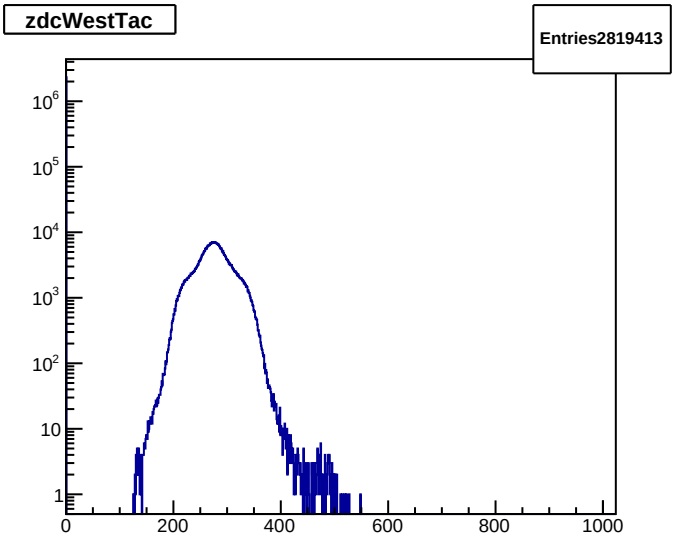

vpdWestNHitsVsSimu
Entries 1896183

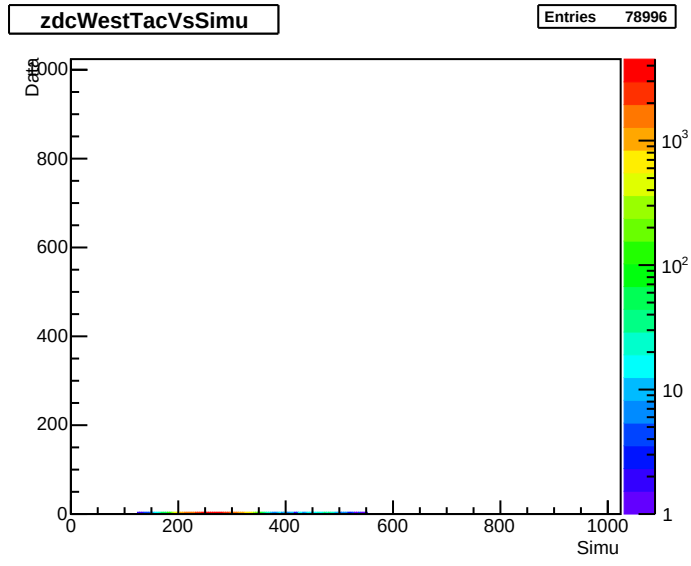

vpdWestTacSum
Entries2819413

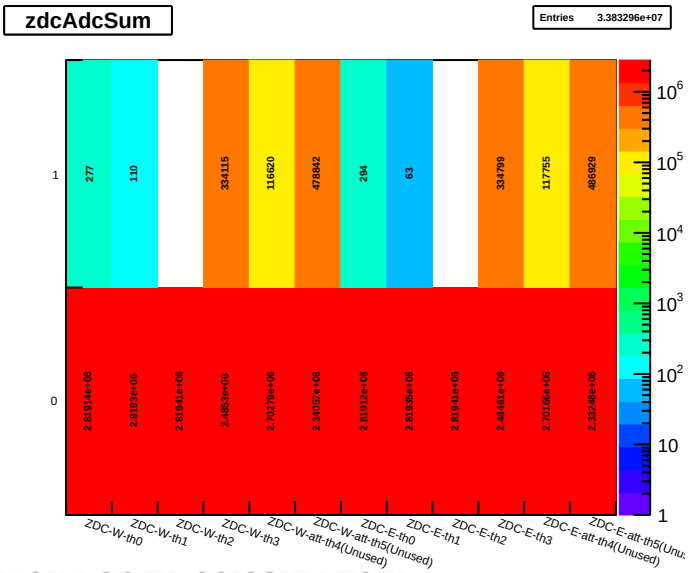

vpdWestTacSumVsSimu
Entries 1594323
Data
Simu

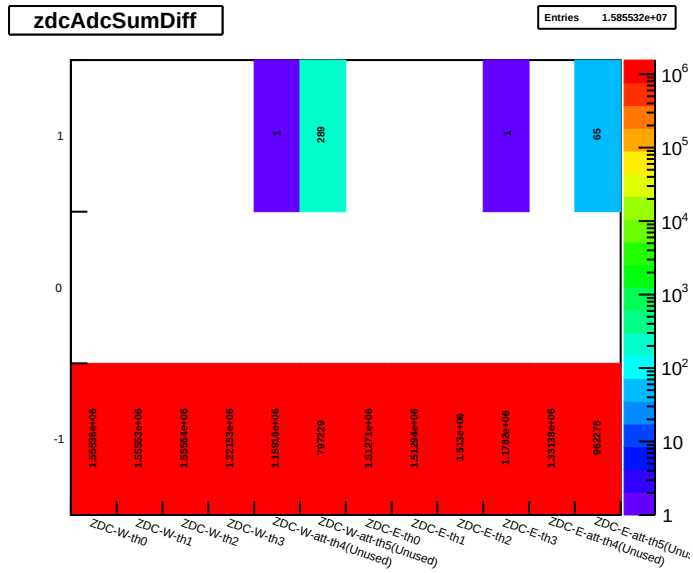

zdcEastTac
Entries2819413

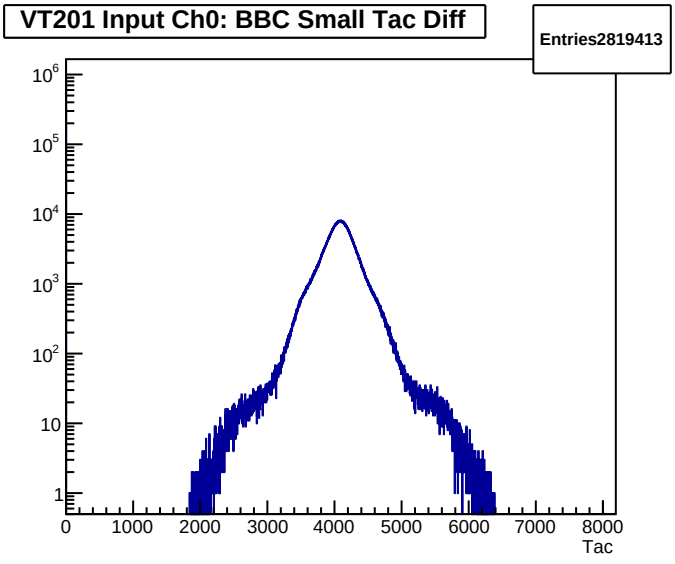

zdcEastTacVsSimu
Entries 105537
Data
Simu

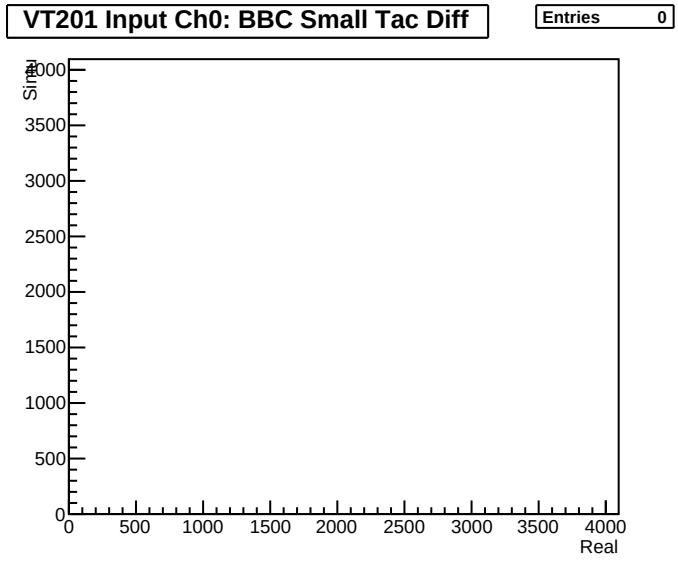

zdcWestTac
Entries2819413

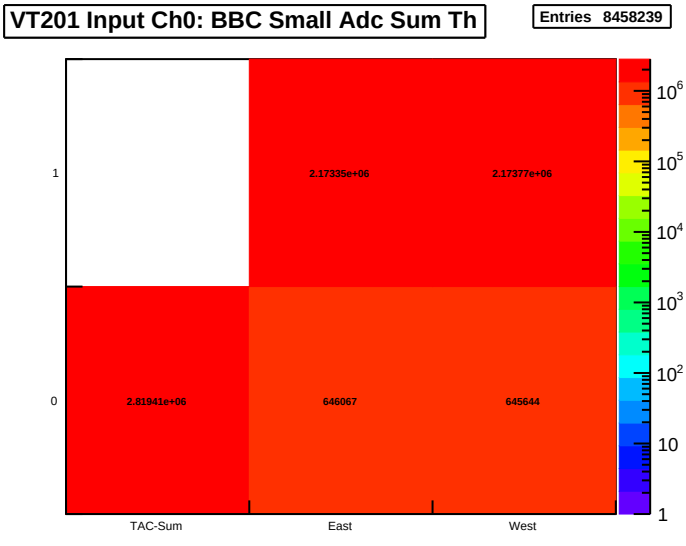

zdcWestTacVsSimu
Entries 78996
Data
Simu

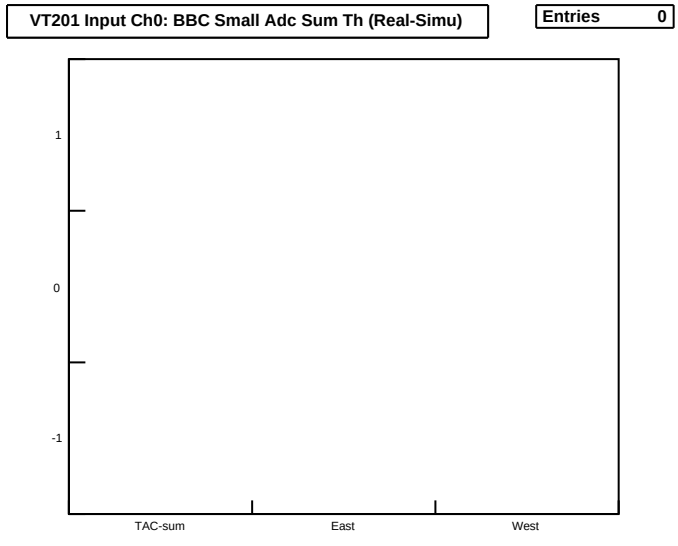

zdcAdcSum
Entries 3.383296e+07
277
110
334115
116620
478942
294
63
334799
117755
486929
2.81914e+06
2.8193e+06
2.81941e+06
2.4853e+06
2.70279e+06
2.30057e+06
2.81912e+06
2.81935e+06
2.81941e+06
2.48461e+06
2.70168e+06
2.33248e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

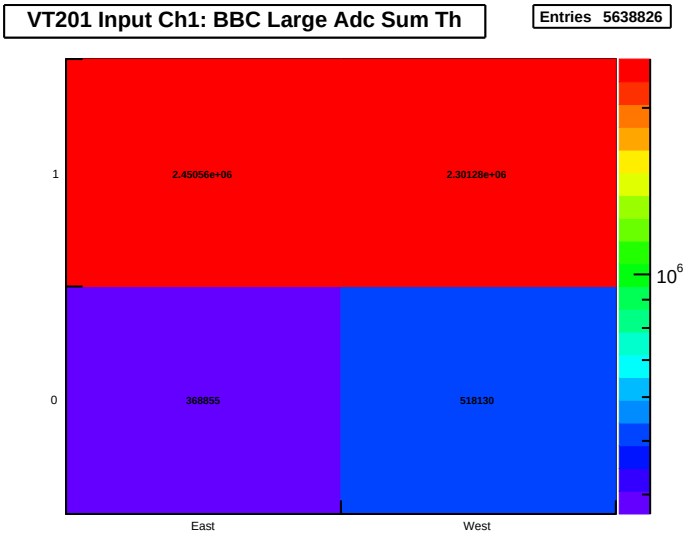

zdcAdcSumDiff
Entries 1.585532e+07
1
289
1
65
1.55536e+06
1.55553e+06
1.55564e+06
1.22153e+06
1.15916e+06
797229
1.51271e+06
1.51294e+06
1.513e+06
1.1762e+06
1.33138e+06
962275
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

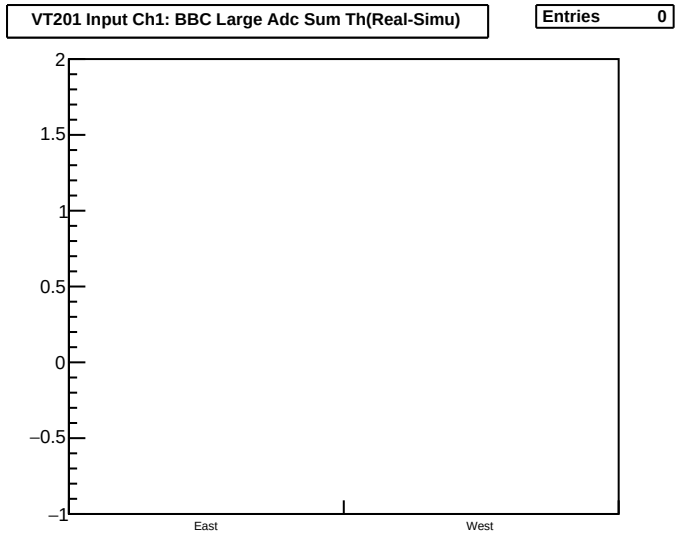

VT201 Input Ch0: BBC Small Tac Diff
Entries2819413
Tac


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

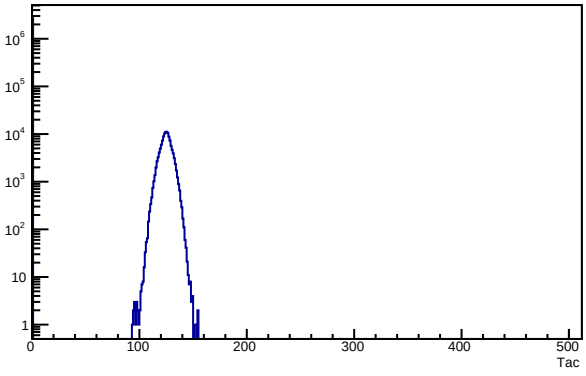

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8458239
2.17335e+06
2.17377e+06
2.81941e+06
646067
645644
TAC-Sum
East
West


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

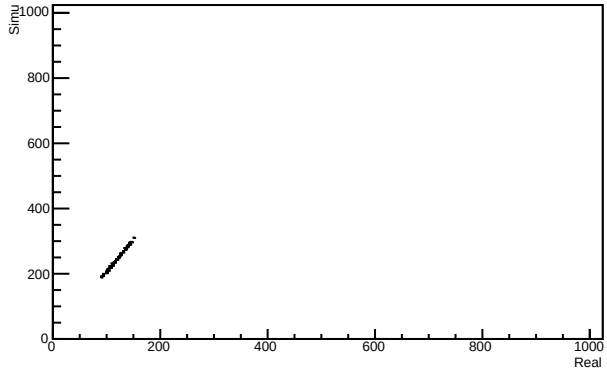

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5638826
2.45056e+06
2.30128e+06
368855
518130
East
West


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

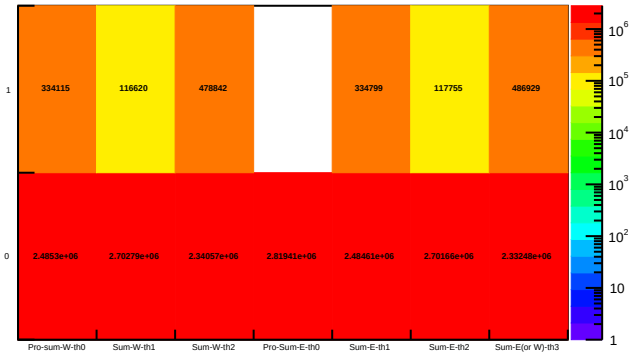
VT201 Input Ch2: ZDC Tac Diff



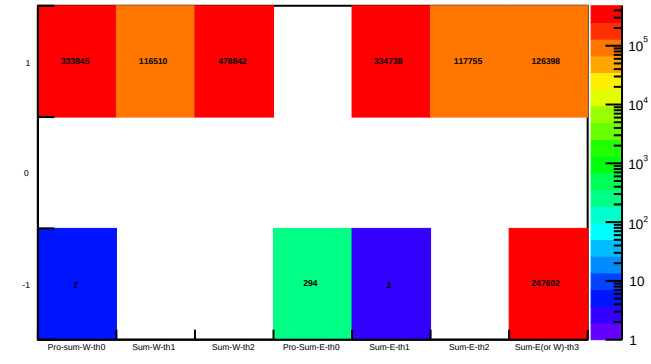
VT201 Input Ch2: ZDC Tac Diff



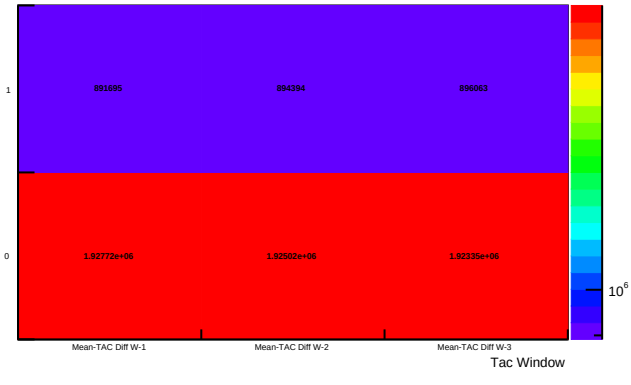
VT201 Input Ch2: ZDC Adc Sum Th



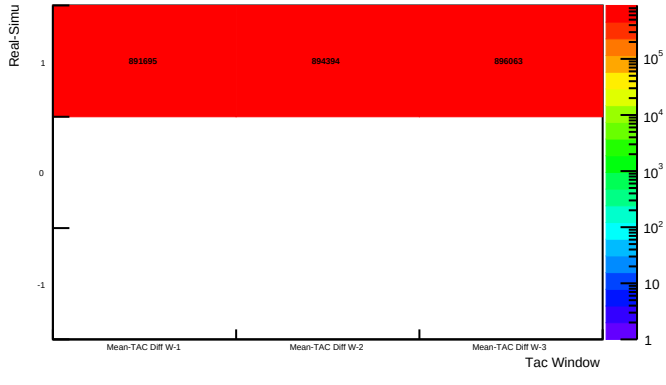
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



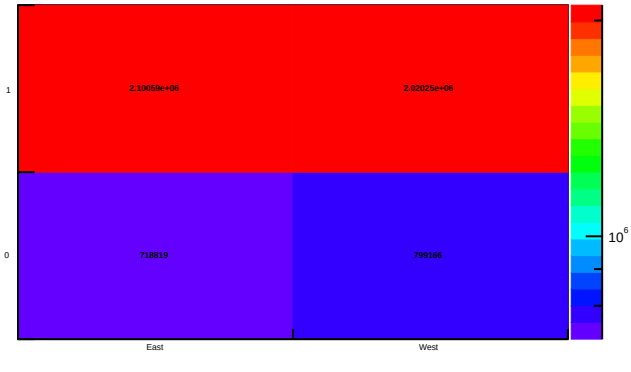
VT201 Input Ch4: VPD Tac Diff



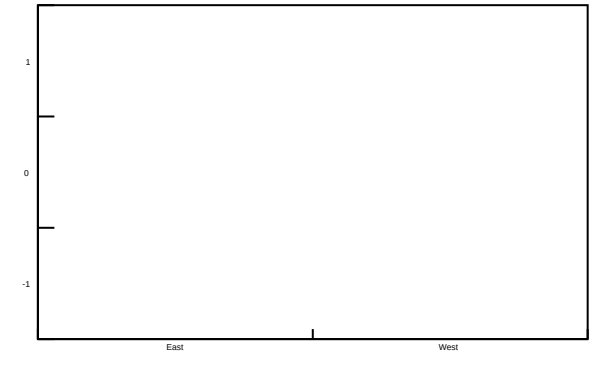
VT201 Input Ch4: VPD Tac Diff

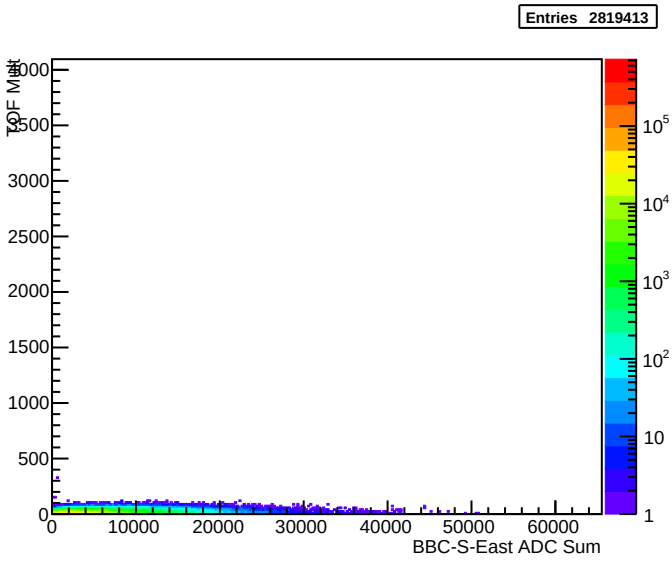


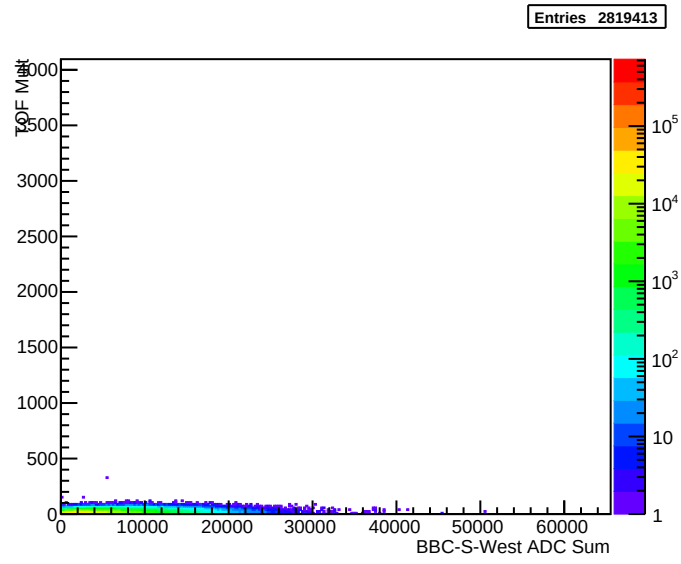
VT201 Input Ch4: VPD Adc Sum Th

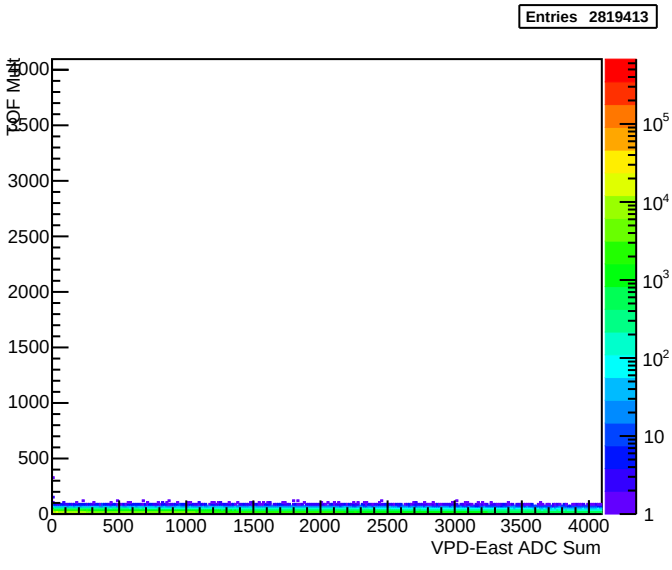


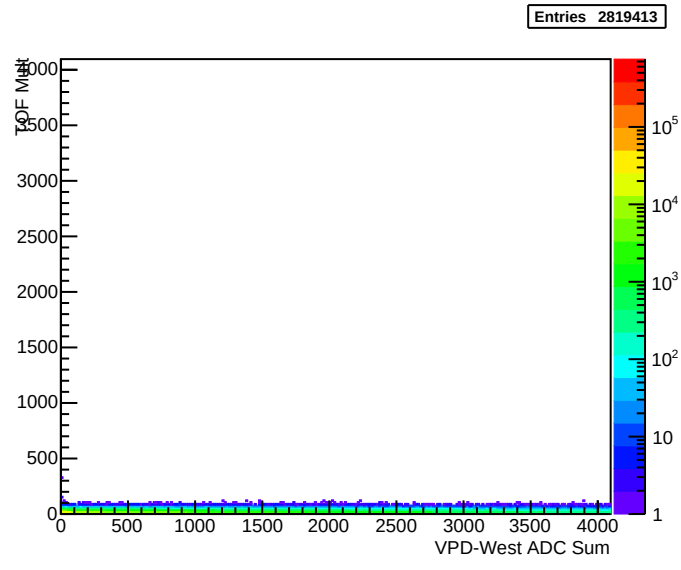
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

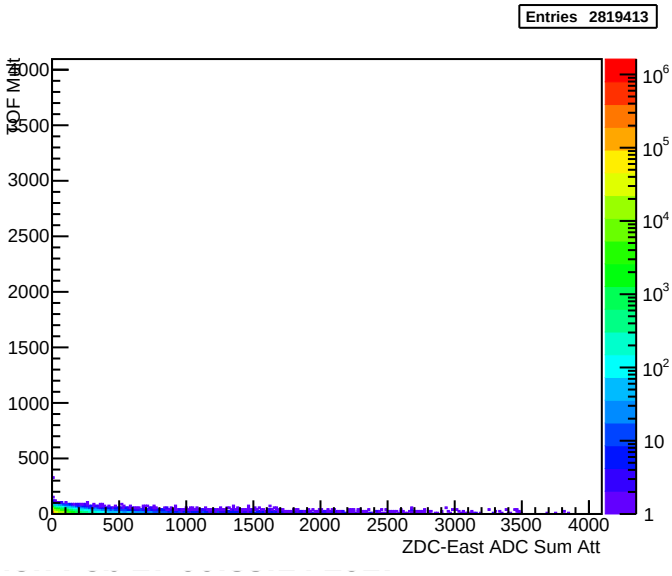


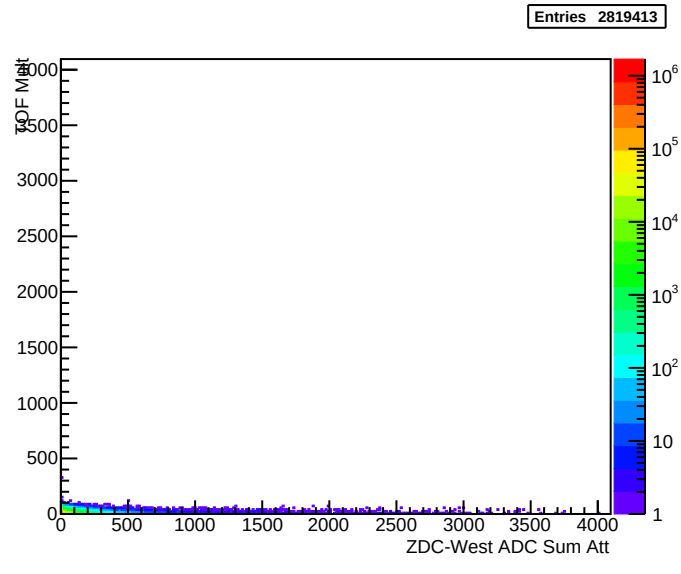

Entries 2819413
TOF Mult
BBC-S-East ADC Sum

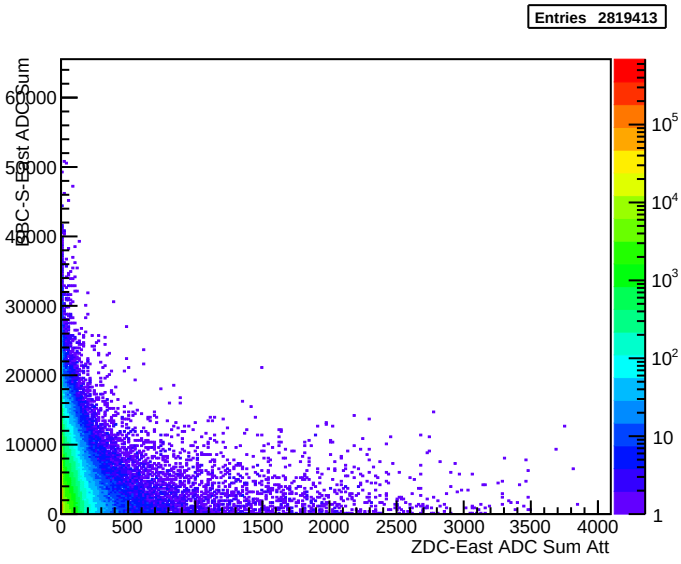

Entries 2819413
TOF Mult
BBC-S-West ADC Sum

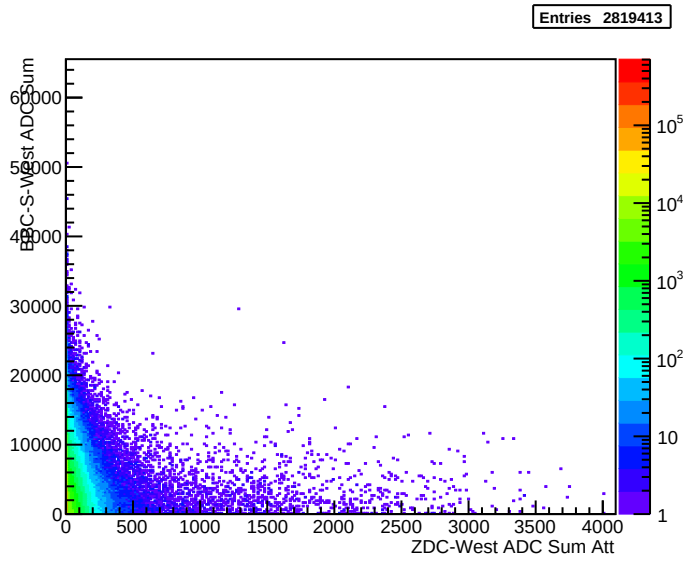

Entries 2819413
TOF Mult
VPD-East ADC Sum

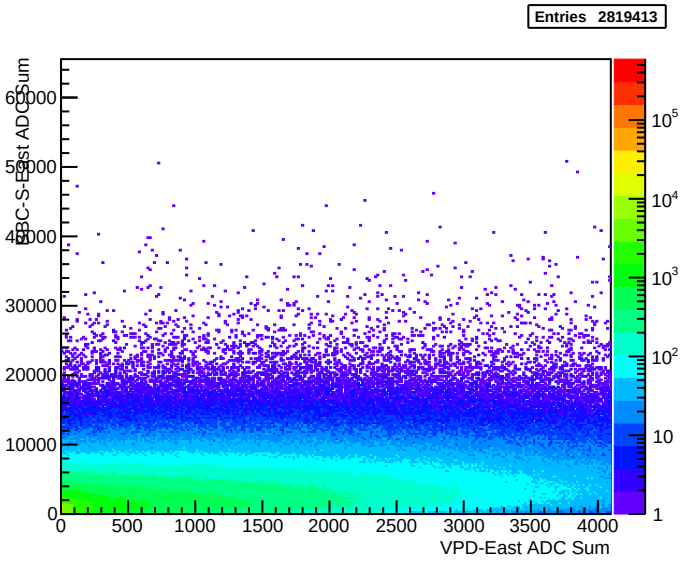

Entries 2819413
TOF Mult
VPD-West ADC Sum

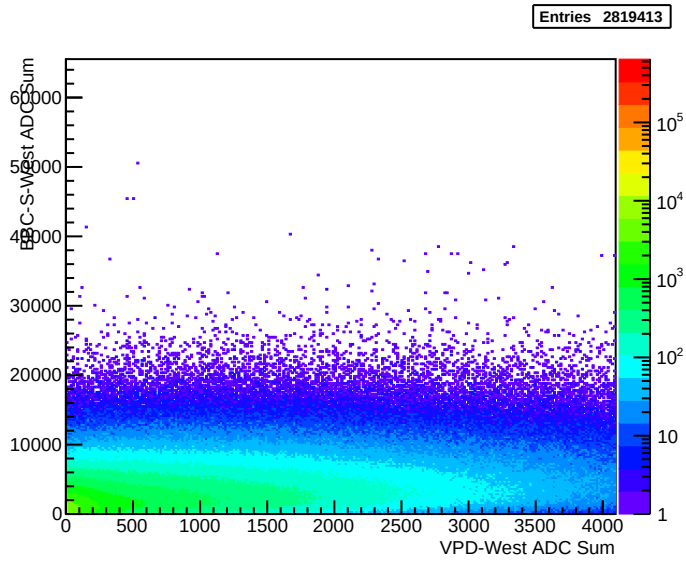

Entries 2819413
TOF Mult
ZDC-East ADC Sum Att

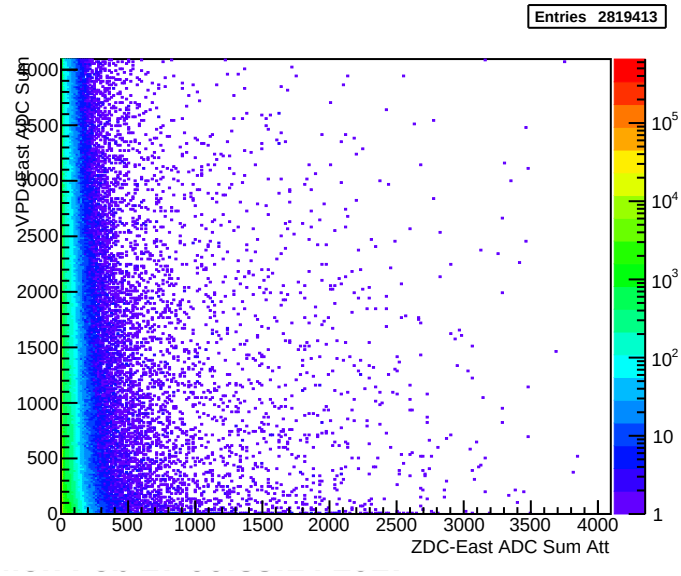

Entries 2819413
TOF Mult
ZDC-West ADC Sum Att

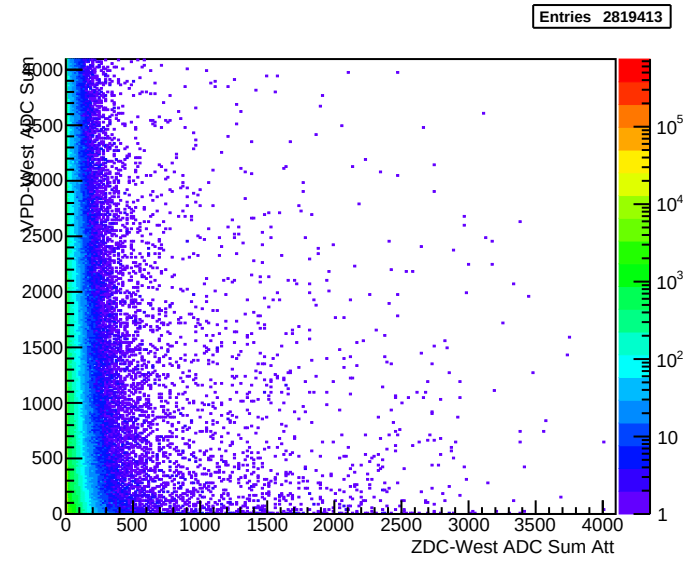

Entries 2819413
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

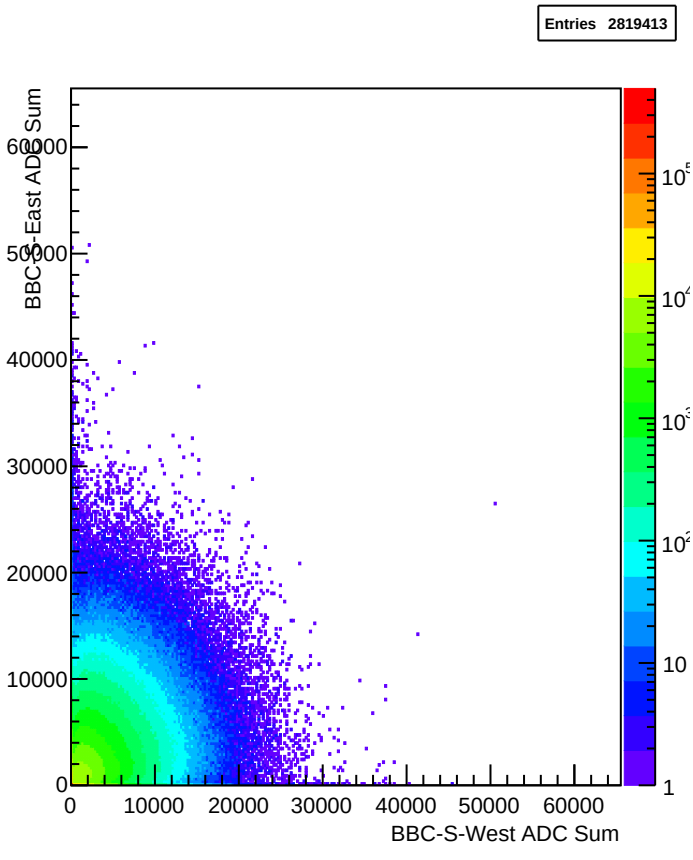

Entries 2819413
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

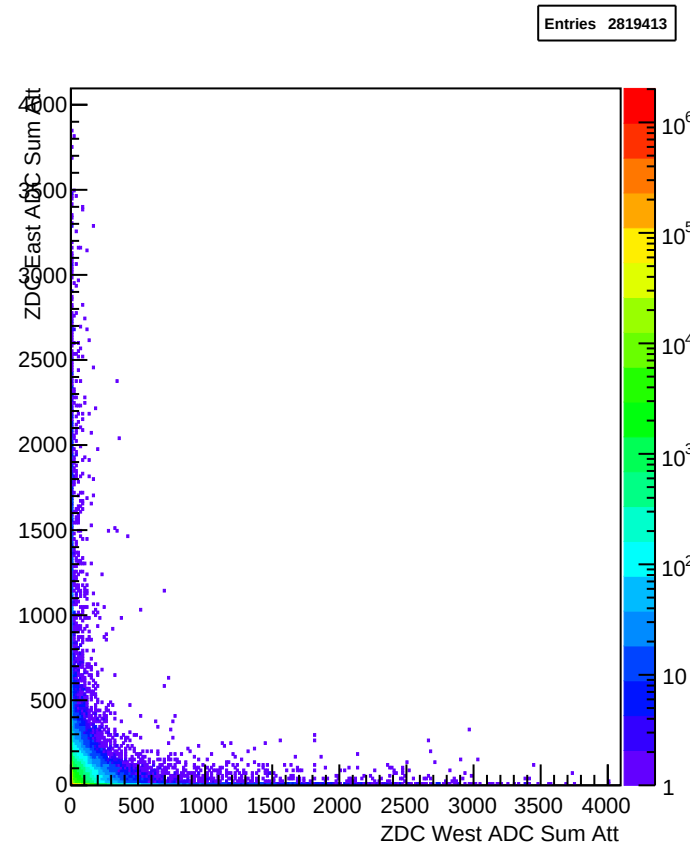

Entries 2819413
BBC-S-East ADC Sum
VPD-East ADC Sum

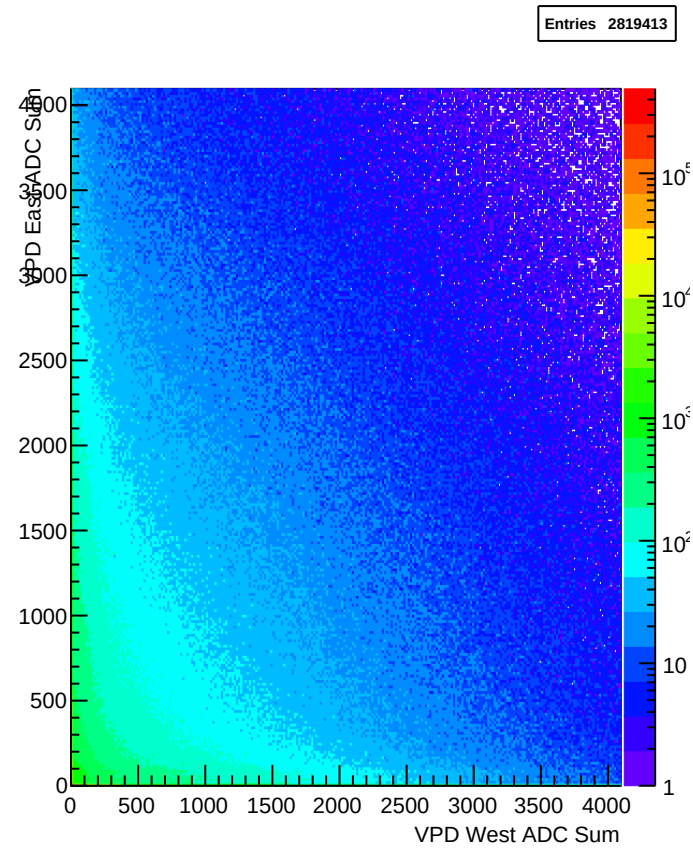

Entries 2819413
BBC-S-West ADC Sum
VPD-West ADC Sum

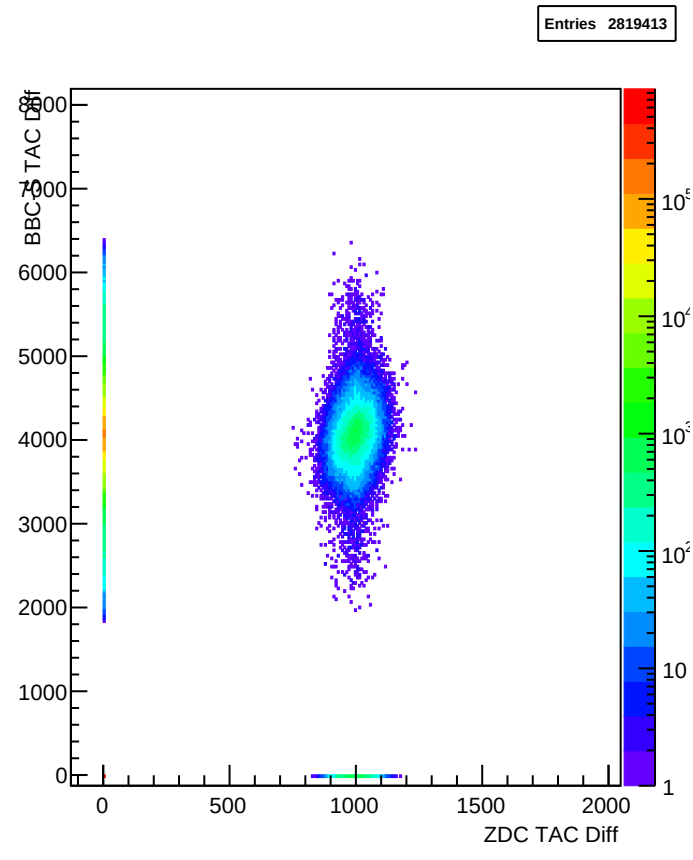

Entries 2819413
VPD-East ADC Sum
ZDC-East ADC Sum Att

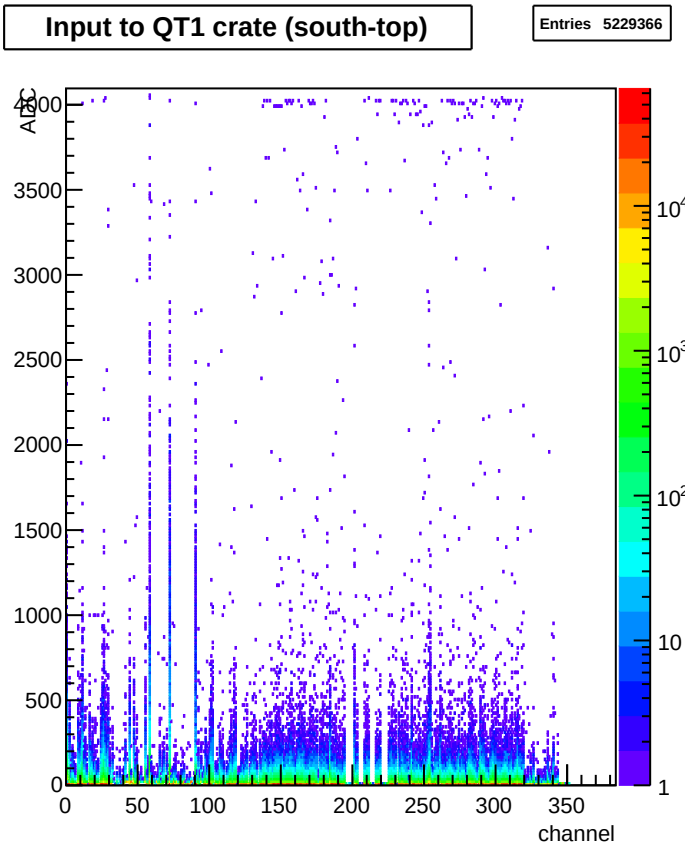

Entries 2819413
VPD-West ADC Sum
ZDC-West ADC Sum Att

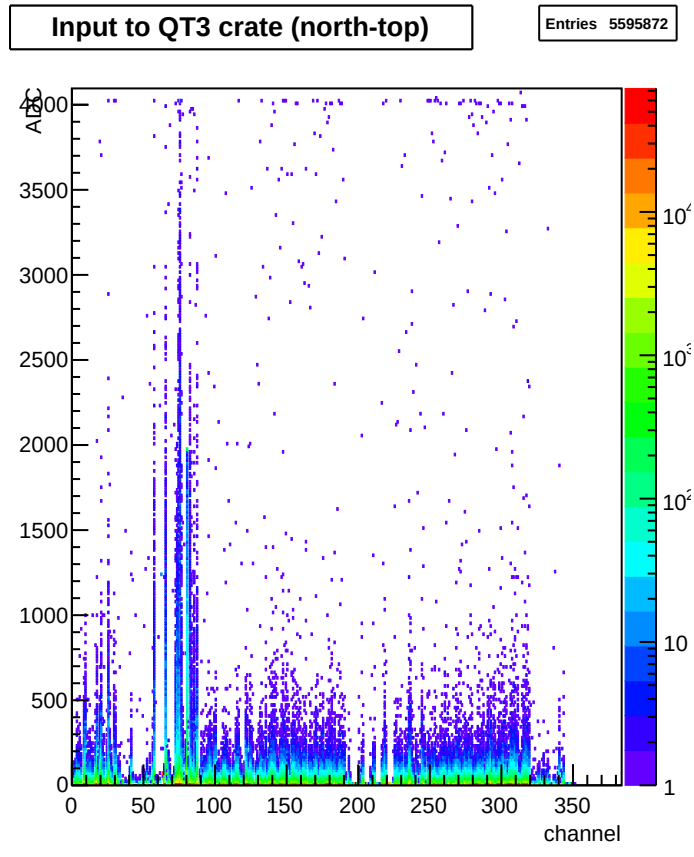

Entries 2819413
BBC-S-East ADC Sum
BBC-S-West ADC Sum

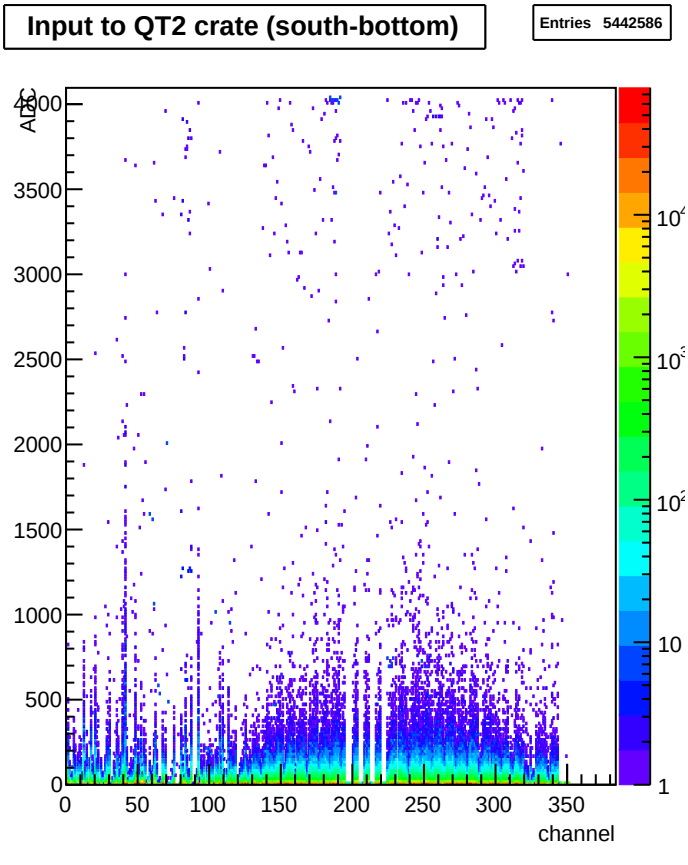

Entries 2819413
ZDC East ADC Sum Att
ZDC West ADC Sum Att

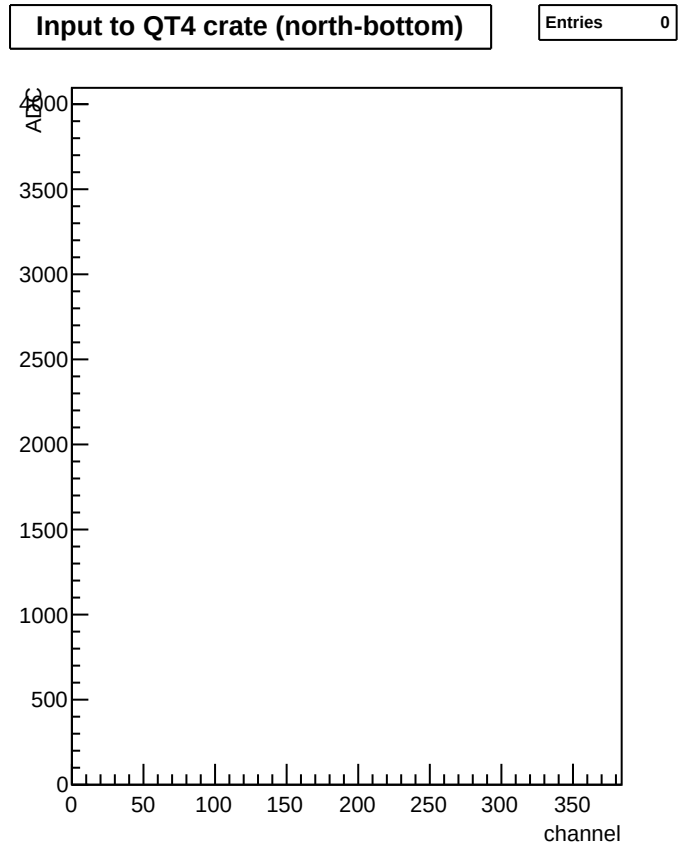

Entries 2819413
VPD East ADC Sum
VPD West ADC Sum

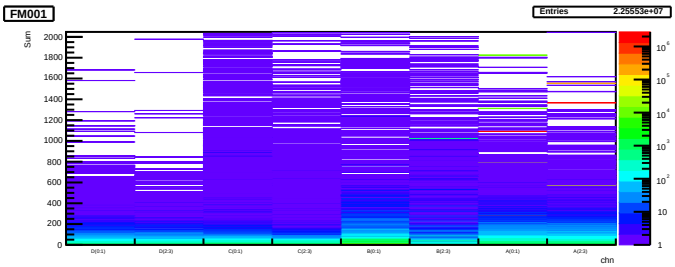

Entries 2819413
BBC-S TAC Diff
ZDC TAC Diff

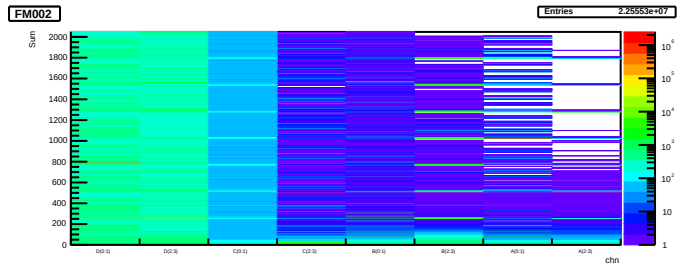

Input to QT1 crate (south-top)
Entries 5229366
ADC
channel

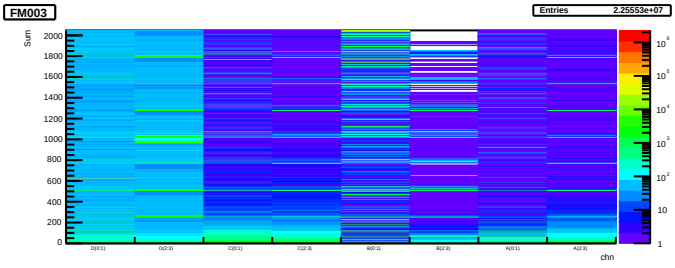

Input to QT3 crate (north-top)
Entries 5595872
ADC
channel

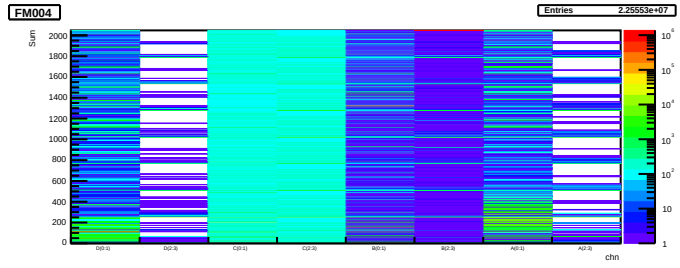

Input to QT2 crate (south-bottom)
Entries 5442586
ADC
channel

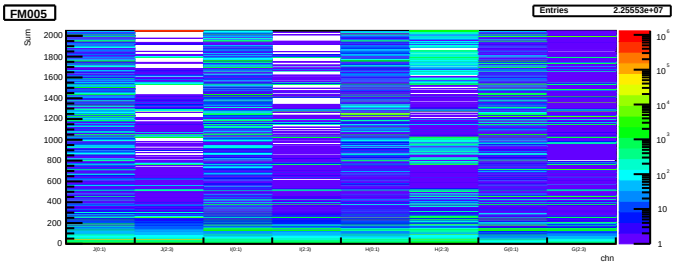

Input to QT4 crate (north-bottom)
Entries 0
ADC
channel

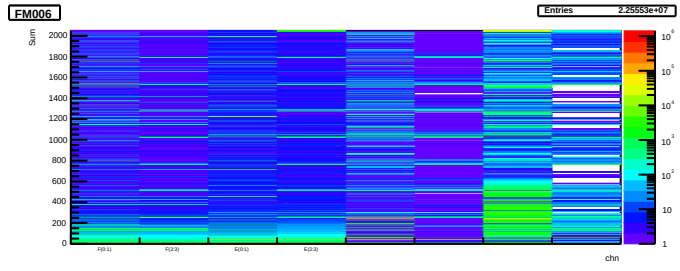

FM001
Entries 2.25553e+07
Sum
chn


FM002
Entries 2.25553e+07
Sum
chn


FM003
Entries 2.25553e+07
Sum
chn


FM004
Entries 2.25553e+07
Sum
chn


FM005
Entries 2.25553e+07
Sum
chn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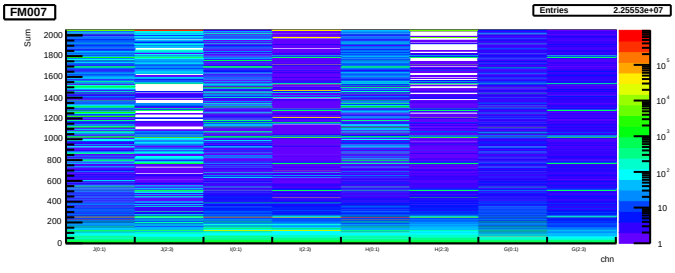
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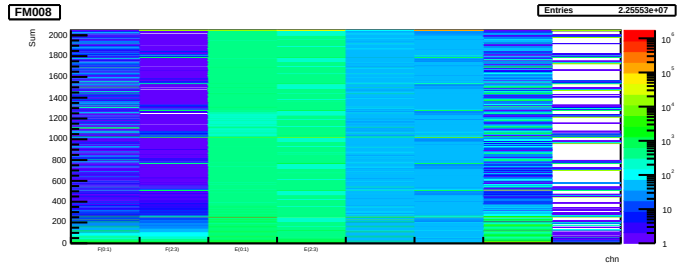
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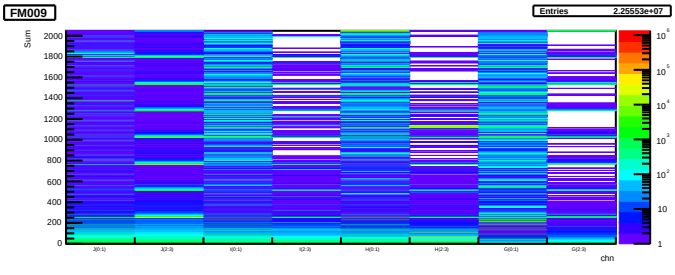
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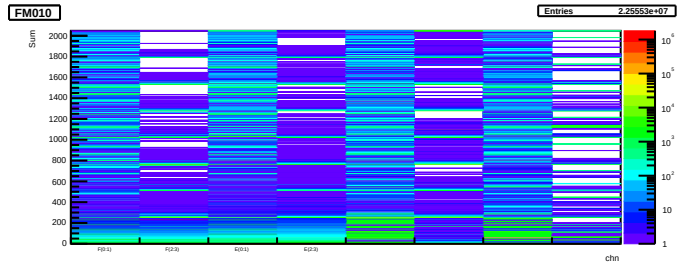
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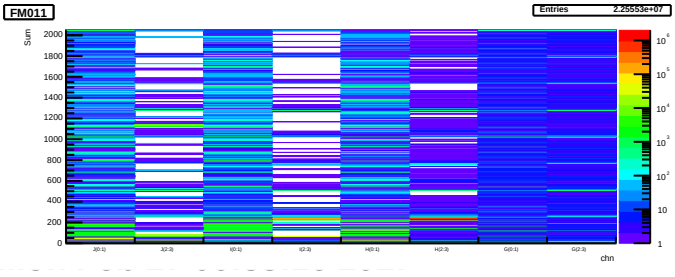
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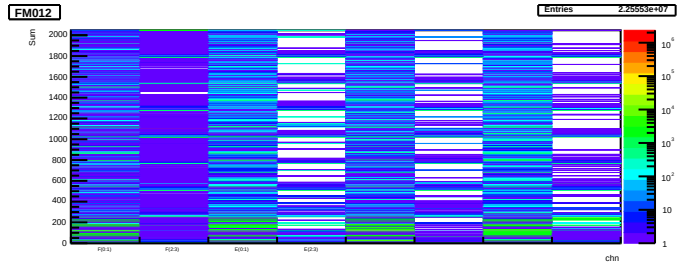
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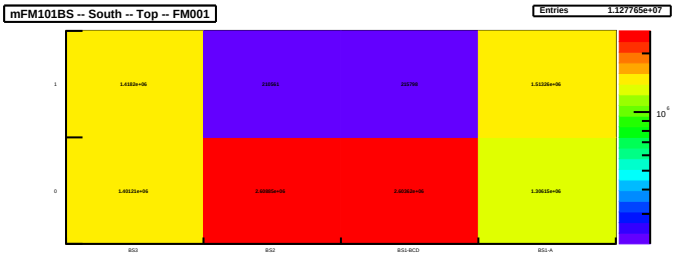
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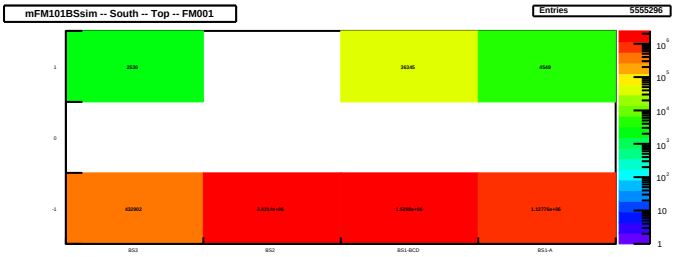
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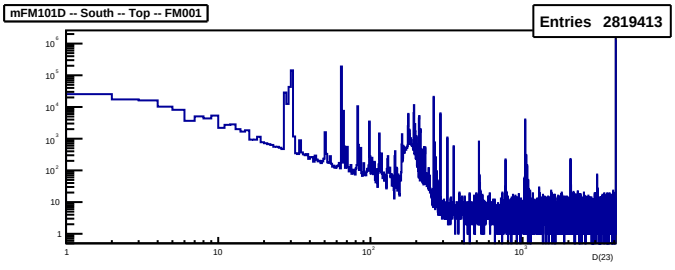
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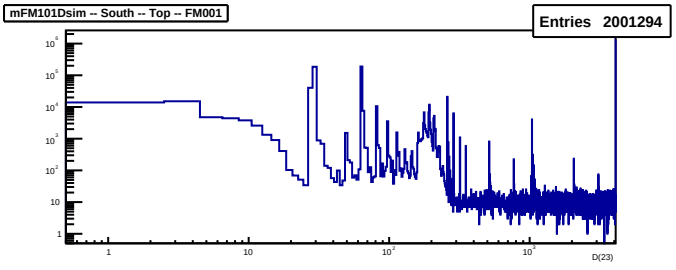
Entries 2819413
D(23)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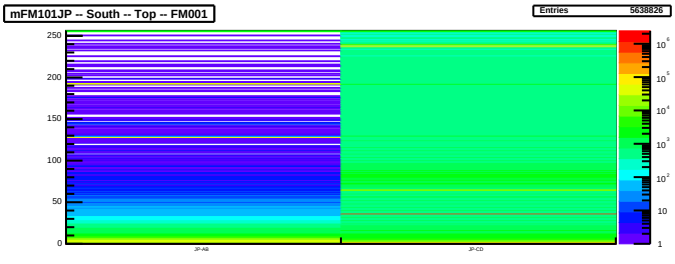
mFM101JP -- South -- Top -- FM001
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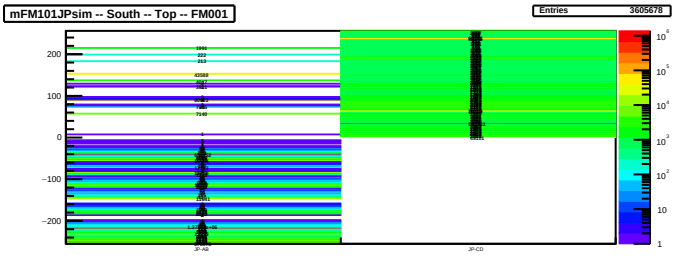
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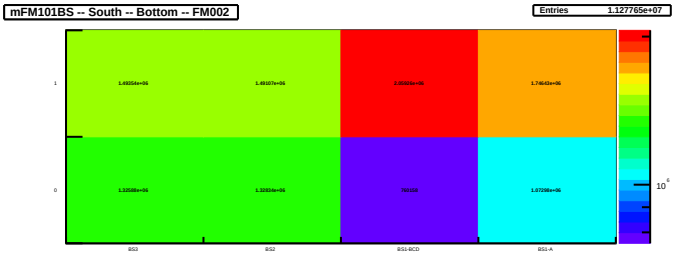
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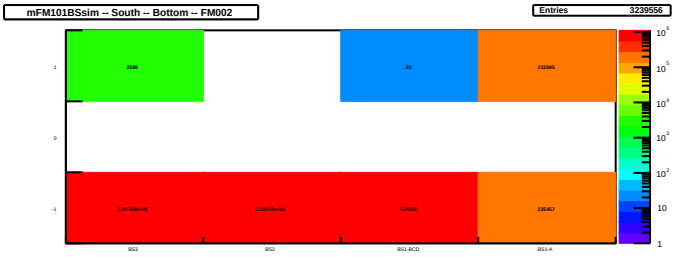
Entries 1.127765e+07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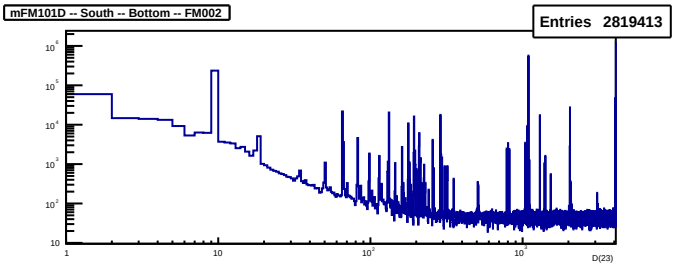
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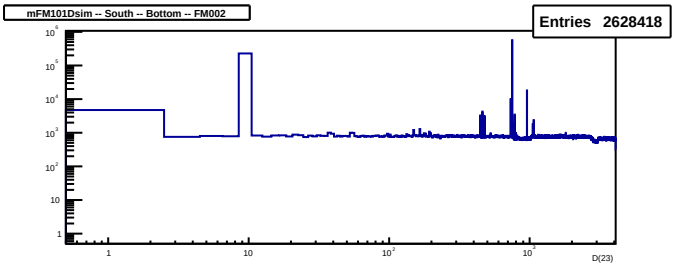
Entries 2819413
D(23)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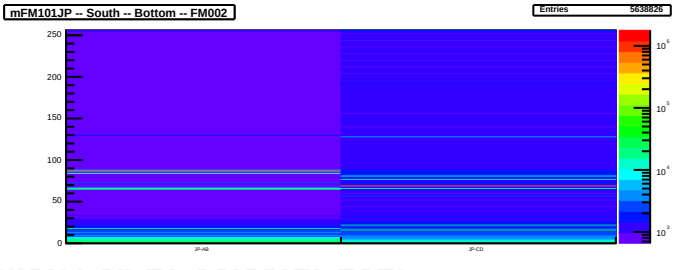
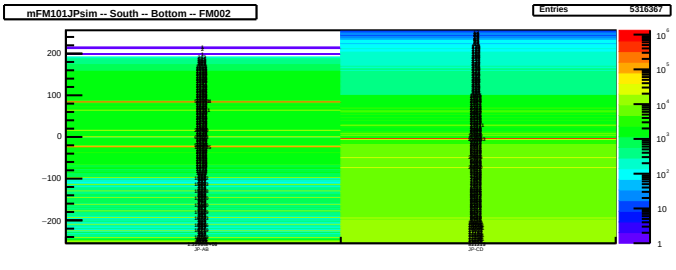

mFM101JP -- South -- Bottom -- FM002
Entries 5638826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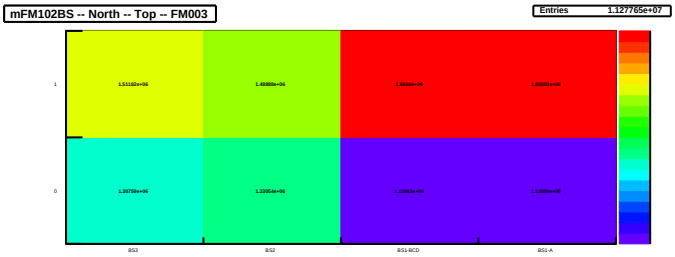
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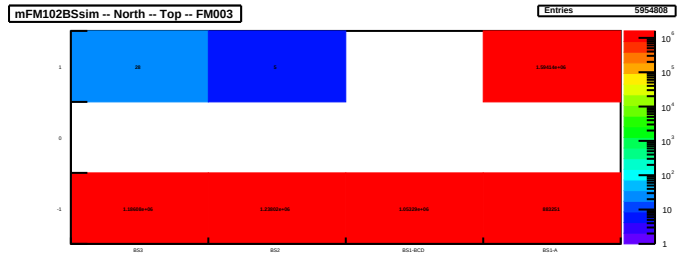
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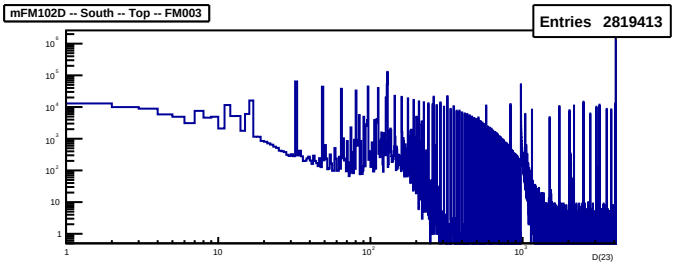
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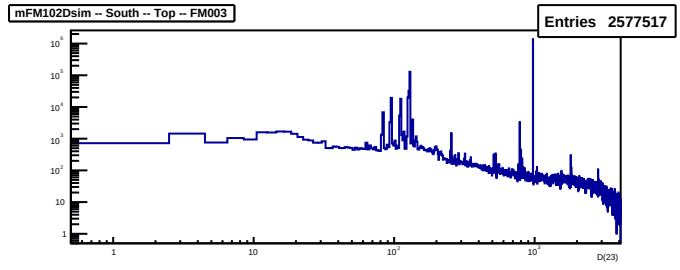
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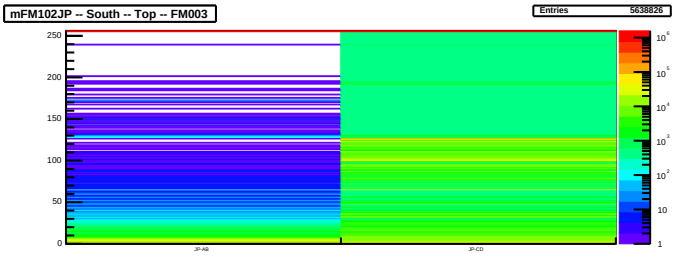
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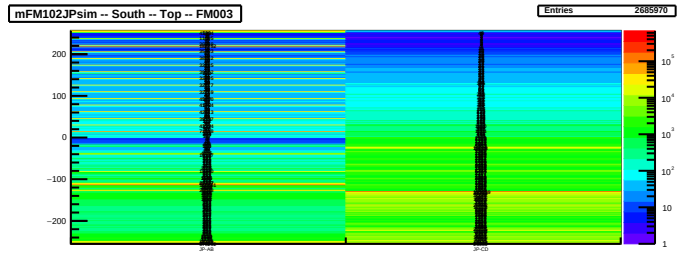
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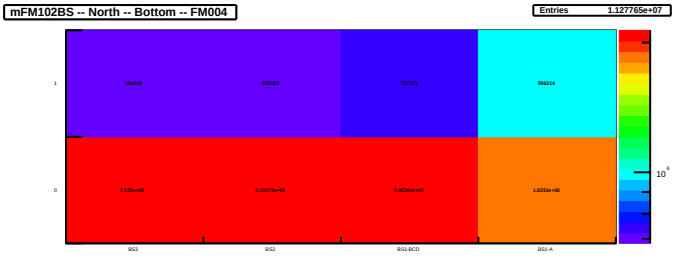
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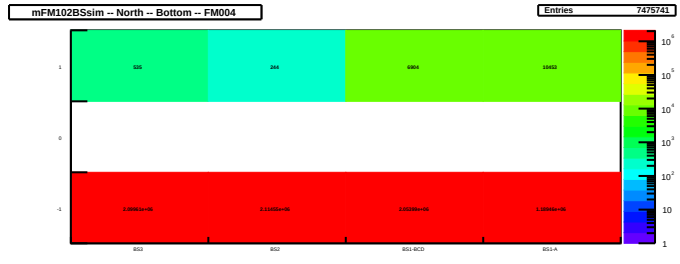
Entries 1.127765e+07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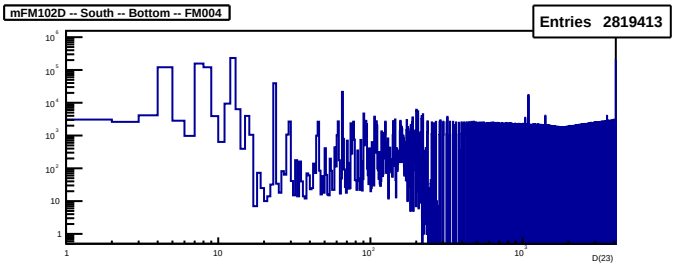
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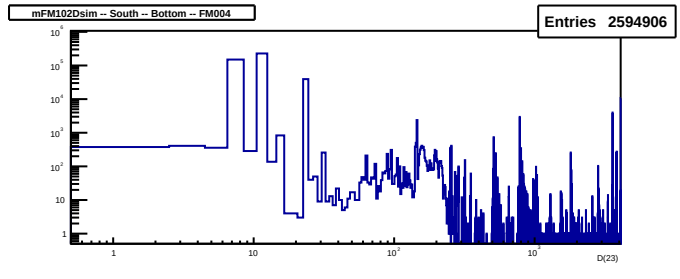
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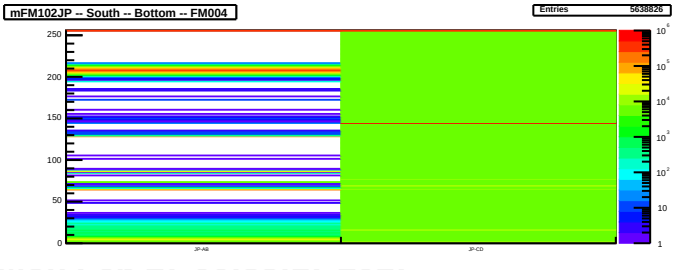
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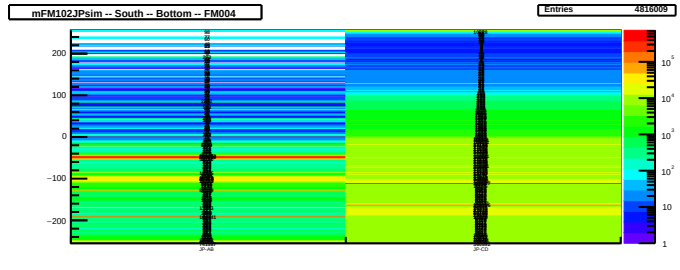
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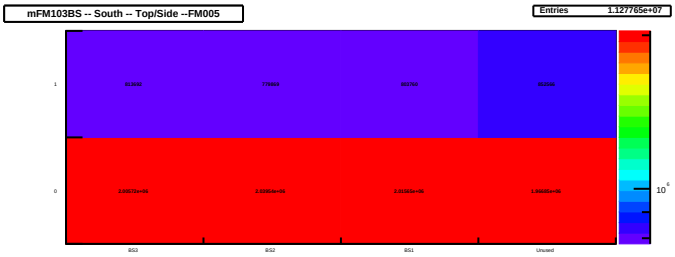
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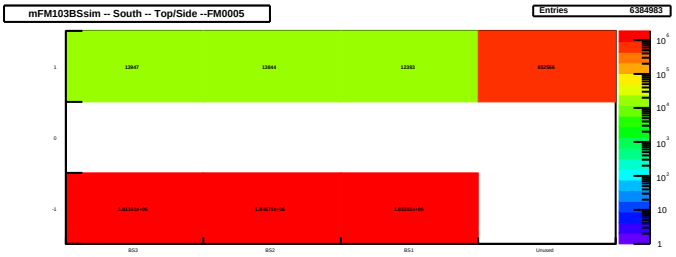
Entries 1.127765e+07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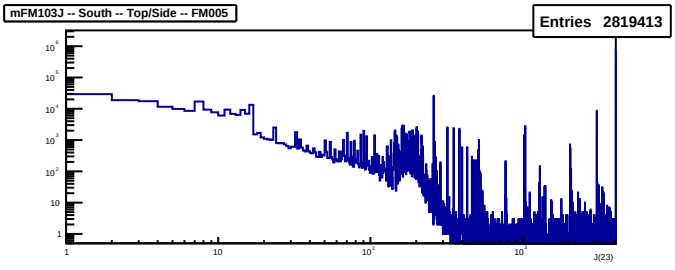
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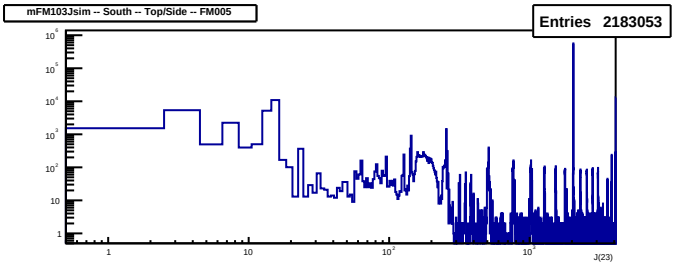
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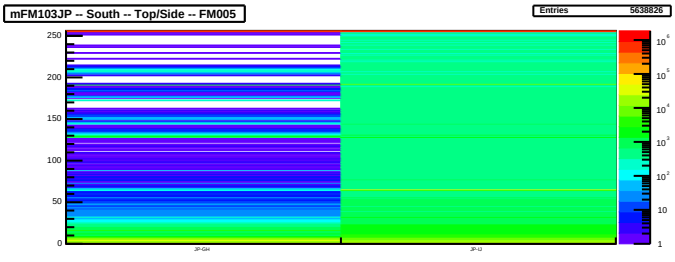
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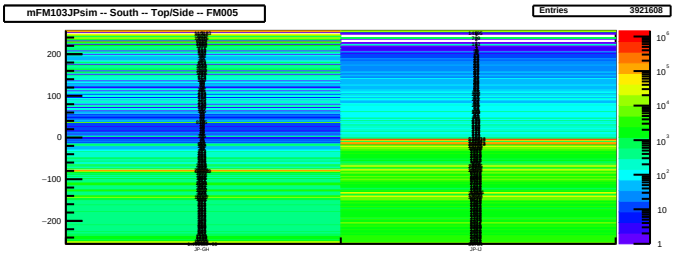
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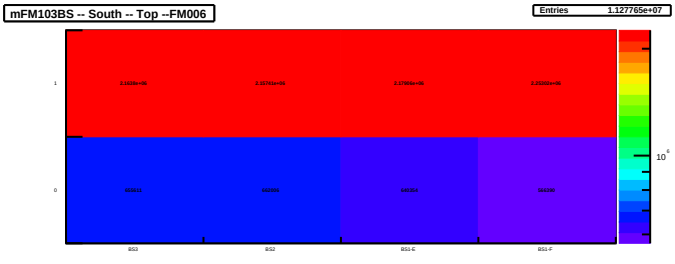
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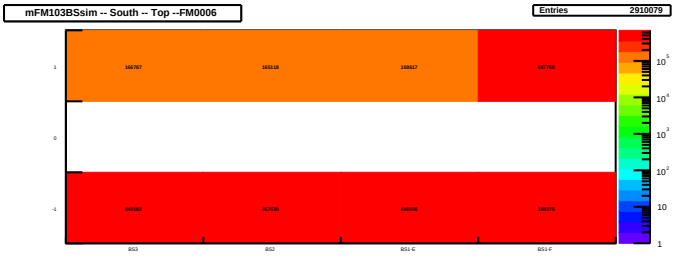
Entries 1.127765e+07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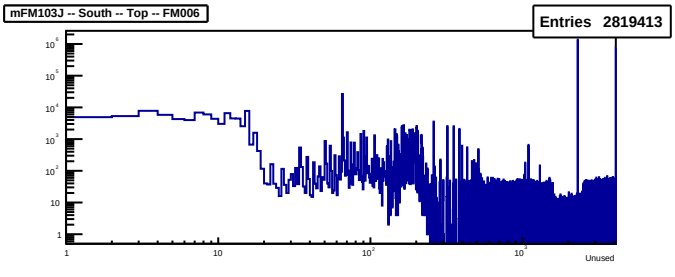
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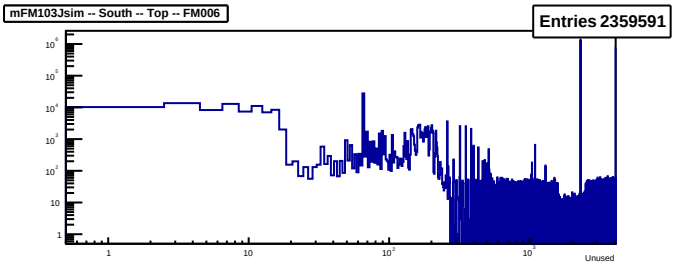
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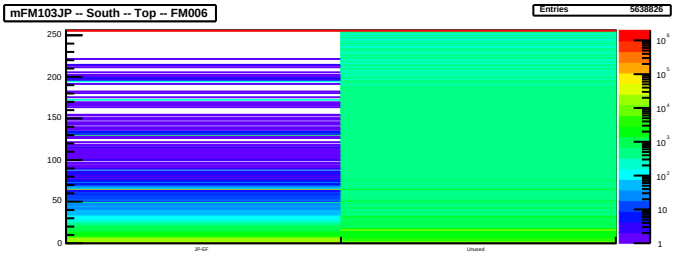
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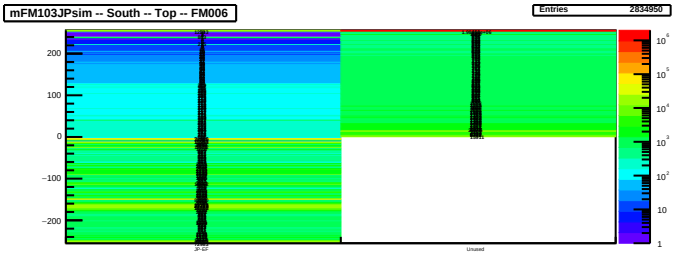
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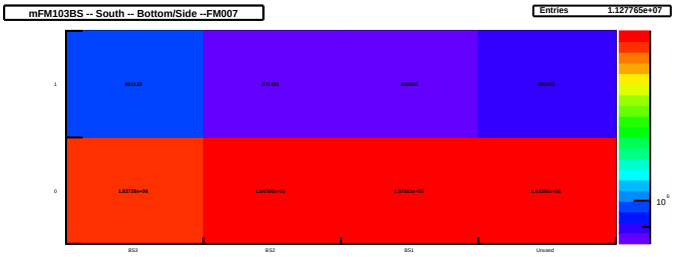
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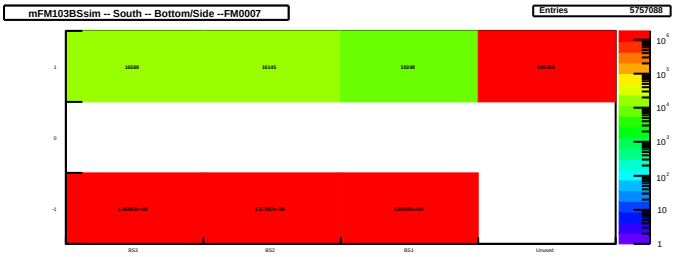
Entries 1.127765e+07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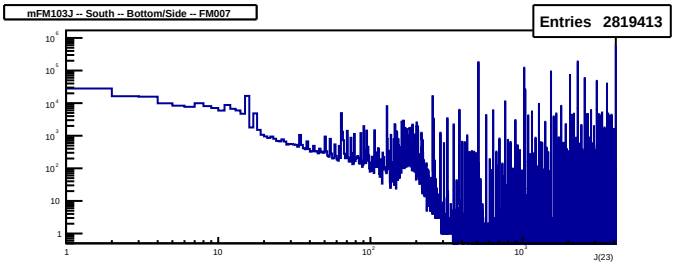
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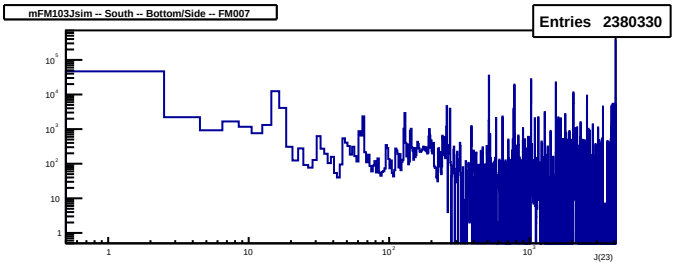
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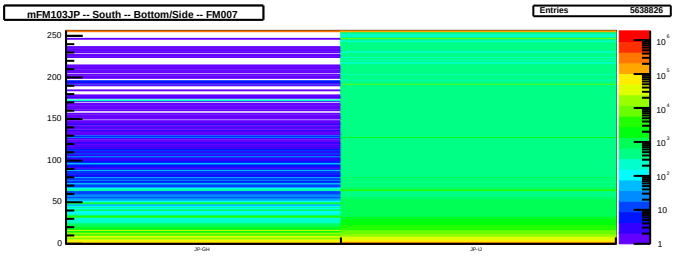
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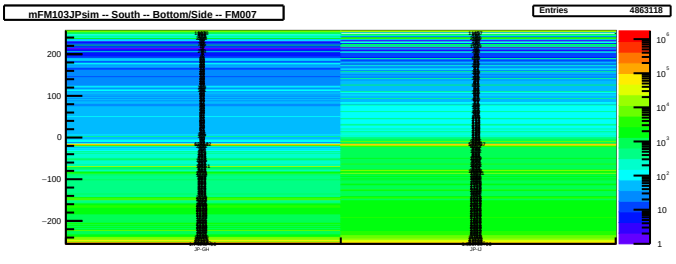
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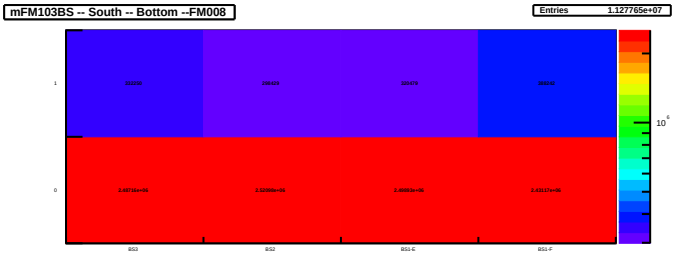
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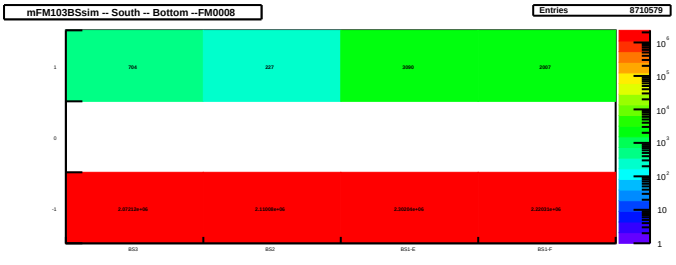
Entries 1.127765e+07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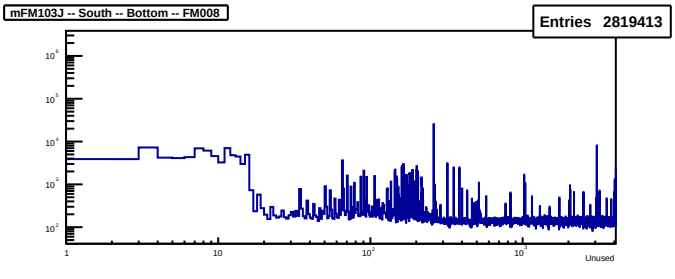
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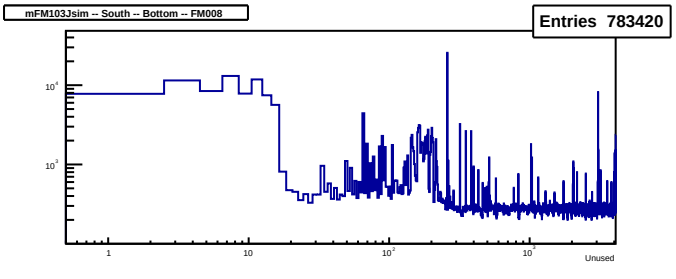
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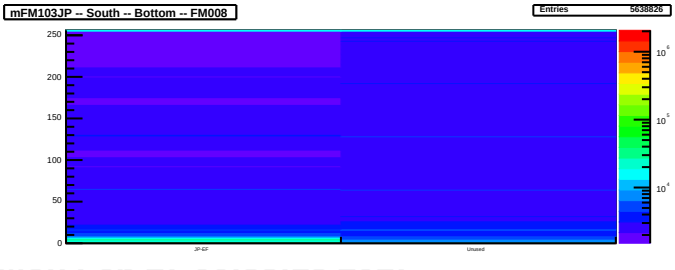
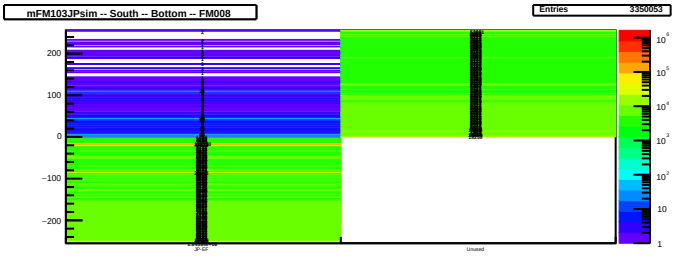
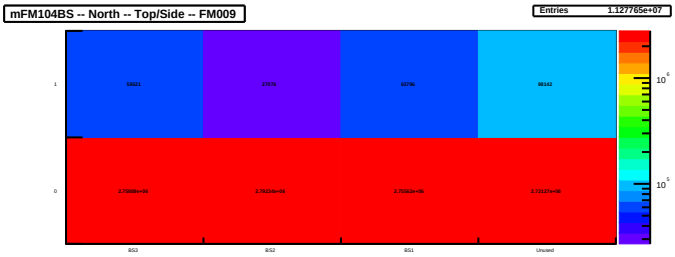
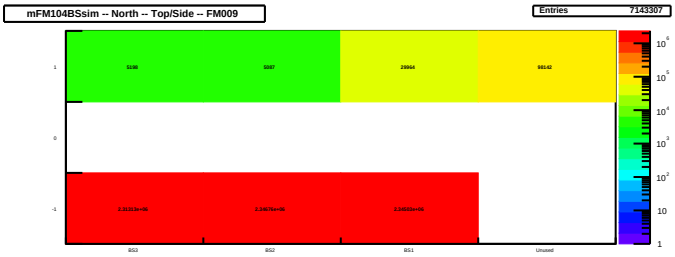
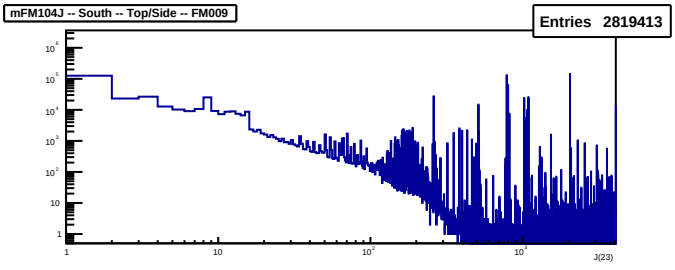
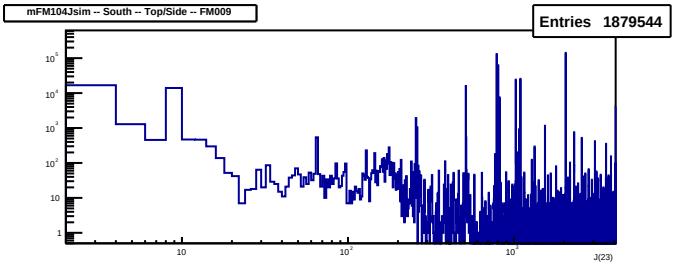

mFM103JP -- South -- Bottom -- FM008
Entries 5638826

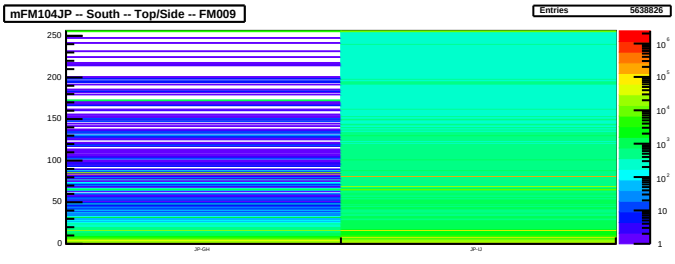

mFM103JPsim -- South -- Bottom -- FM008
Entries 3350053

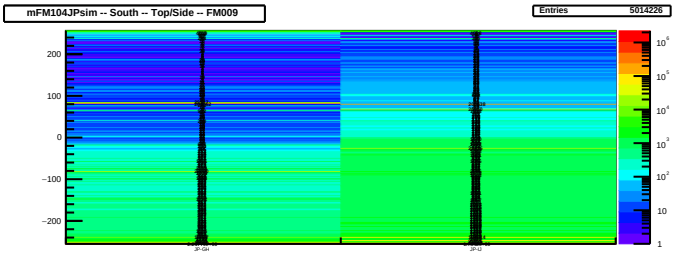

mFM104BS -- North -- Top/Side -- FM009
Entries 1.127765e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 7143307


mFM104J -- South -- Top/Side -- FM009
Entries 2819413
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1879544
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5638826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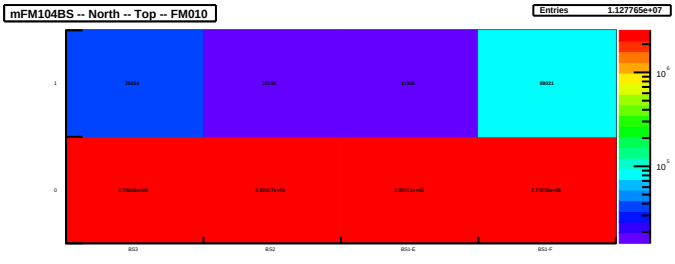
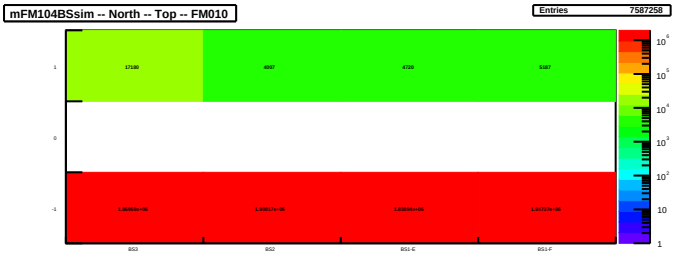
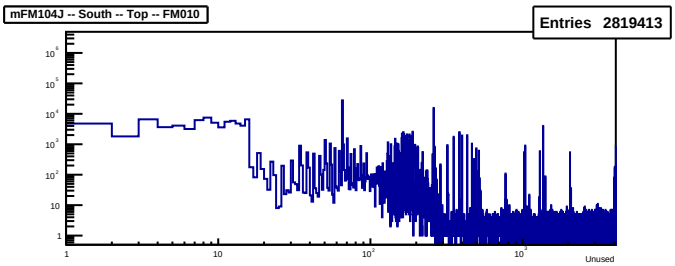
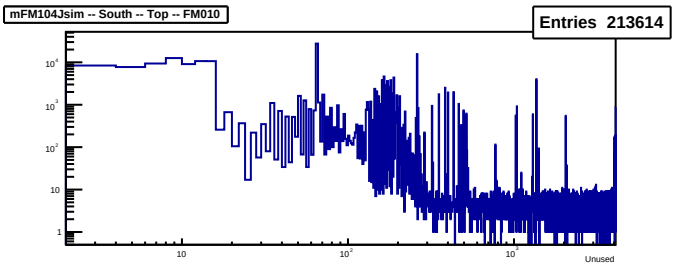
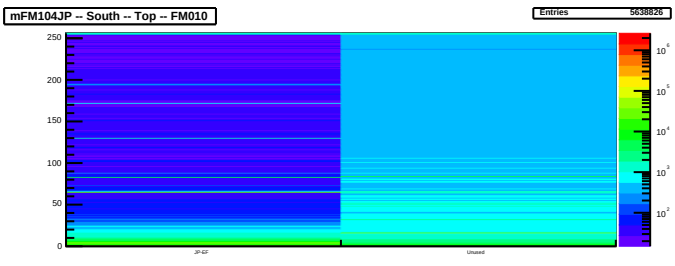
Entries 5014226

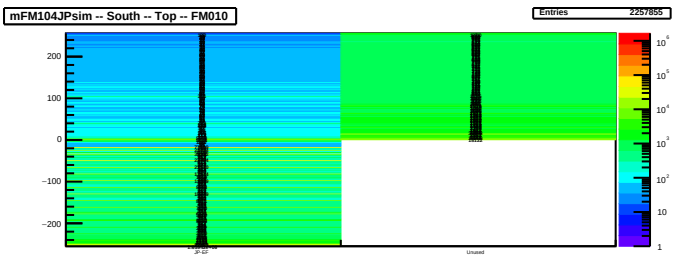

mFM104BS -- North -- Top -- FM010
Entries 1.127765e+07

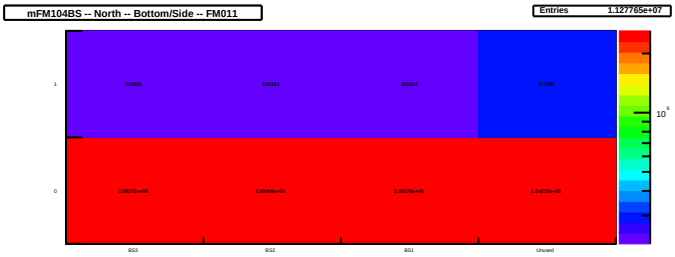

mFM104BSsim -- North -- Top -- FM010
Entries 7587258

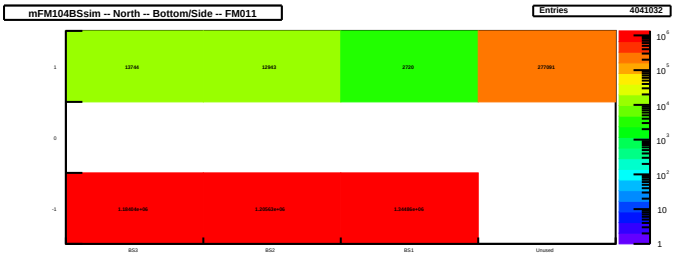

mFM104J -- South -- Top -- FM010
Entries 2819413
Unused

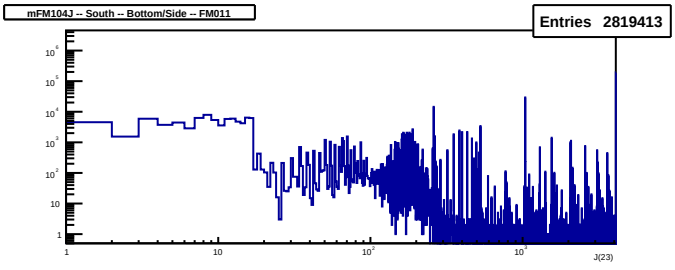

mFM104Jsim -- South -- Top -- FM010
Entries 213614
Unused

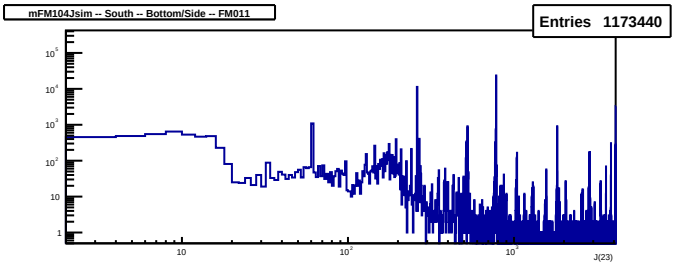

mFM104JP -- South -- Top -- FM010
Entries 5638826

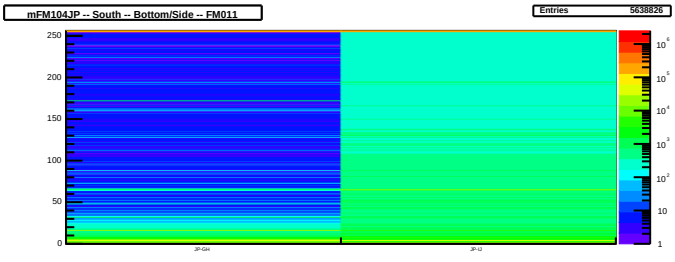

mFM104JPsim -- South -- Top -- FM010
Entries 2257855

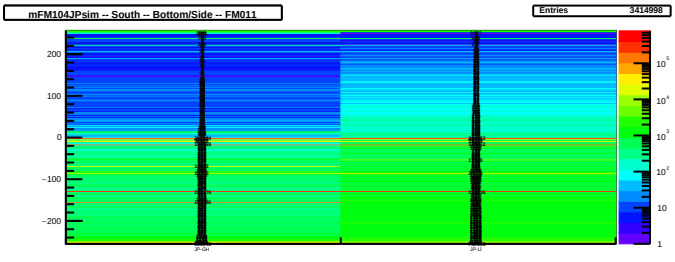

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.127765e+07

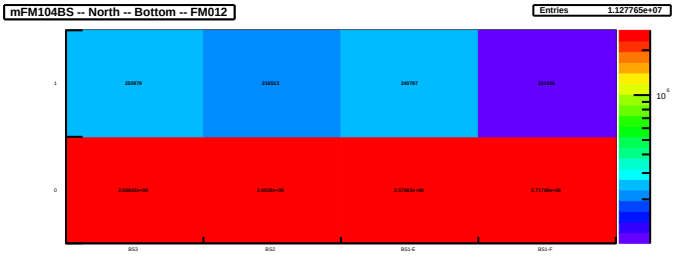

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4041032

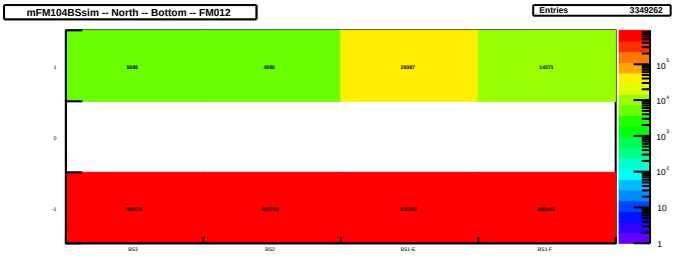

mFM104J -- South -- Bottom/Side -- FM011
Entries 2819413
J(23)

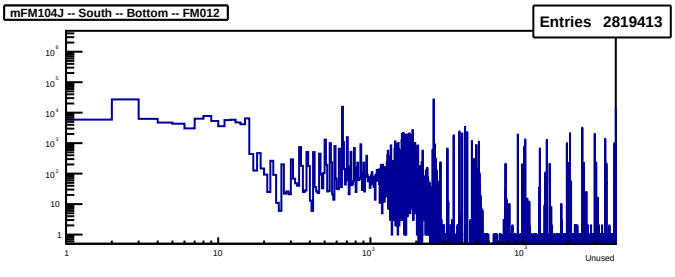

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1173440
J(23)

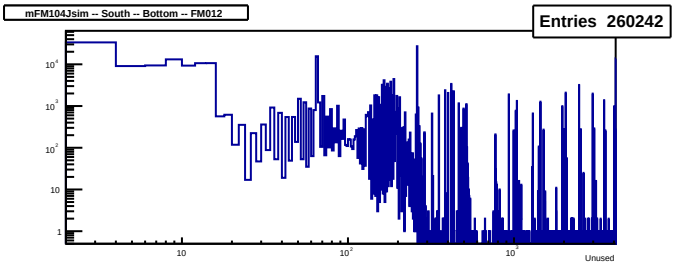

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5638826

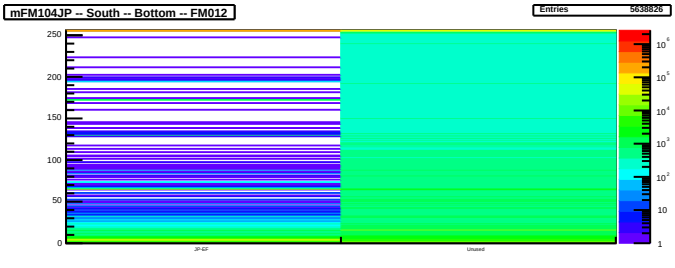

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3414998

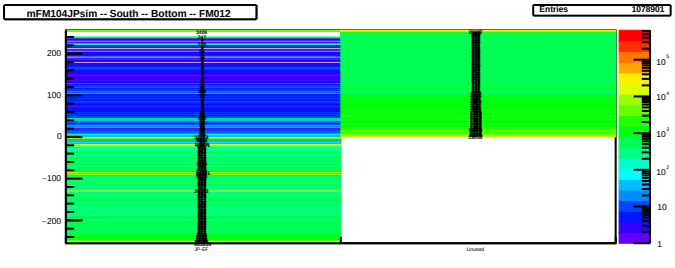

mFM104BS -- North -- Bottom -- FM012
Entries 1.127765e+07

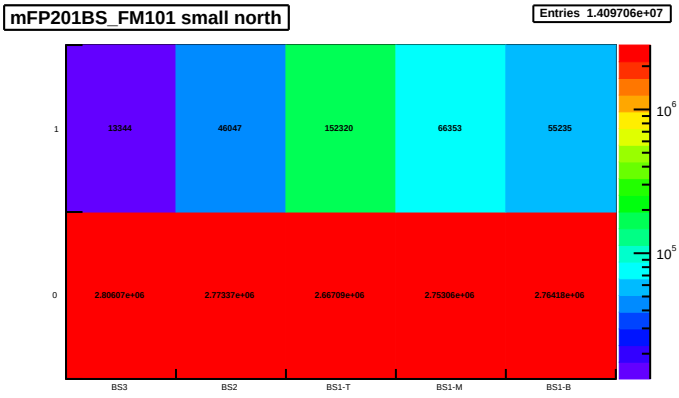

mFM104BSsim -- North -- Bottom -- FM012
Entries 3349262

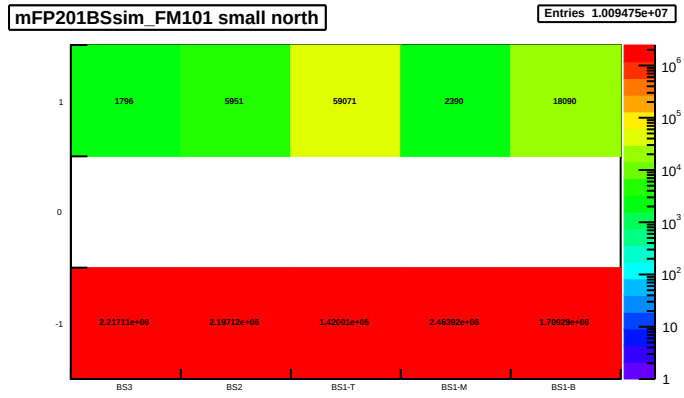

mFM104J -- South -- Bottom -- FM012
Entries 2819413
Unused

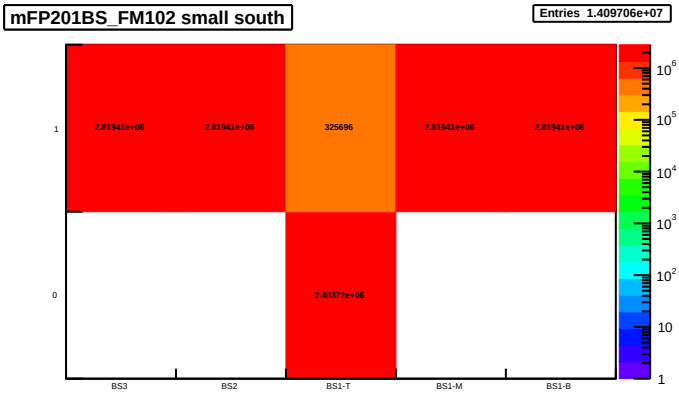

mFM104Jsim -- South -- Bottom -- FM012
Entries 260242
Unused

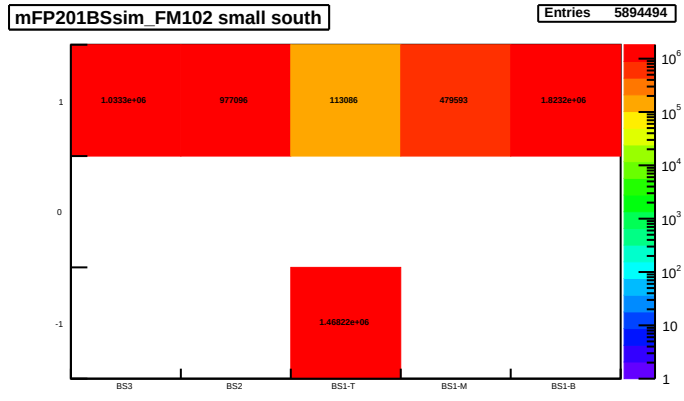

mFM104JP -- South -- Bottom -- FM012
Entries 5638826

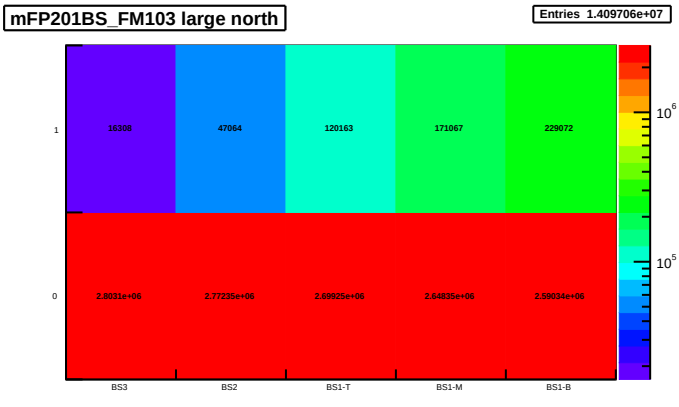

mFM104JPsim -- South -- Bottom -- FM012
Entries 1078901

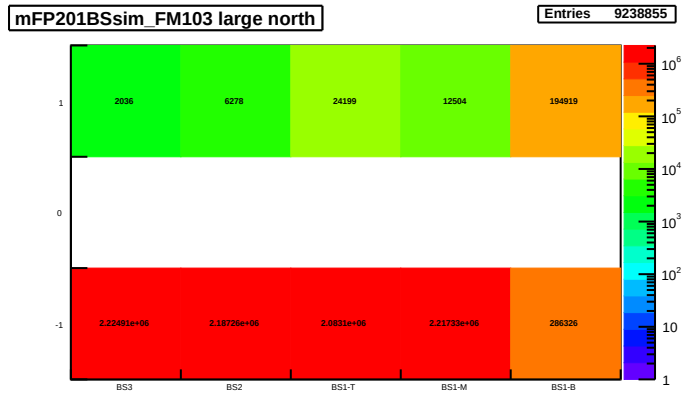

mFP201BS_FM101 small north
Entries 1.409706e+07
13344
46047
152320
66353
55235
2.80607e+06
2.77337e+06
2.66709e+06
2.75306e+06
2.76418e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

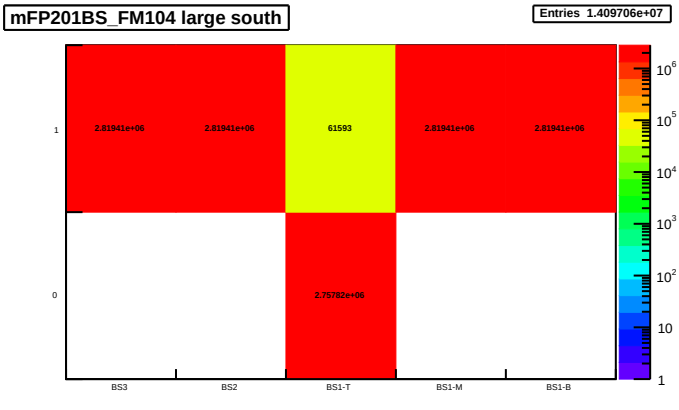

mFP201BSsim_FM101 small north
Entries 1.009475e+07
1796
5951
59071
2390
18090
2.21711e+06
2.19712e+06
1.42001e+06
2.46392e+06
1.70929e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

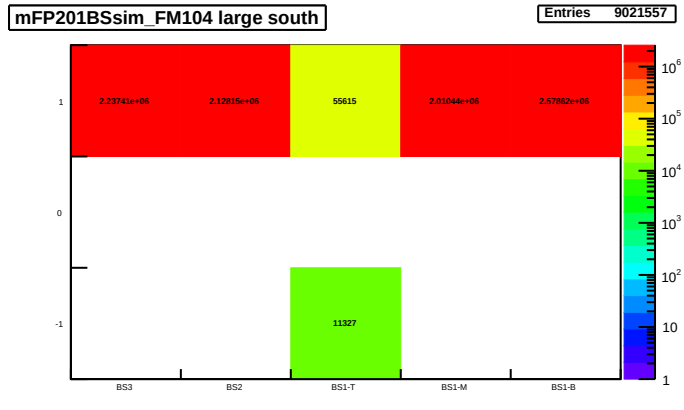

mFP201BS_FM102 small south
Entries 1.409706e+07
2.81941e+06
2.81941e+06
325696
2.81941e+06
2.81941e+06
2.49372e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

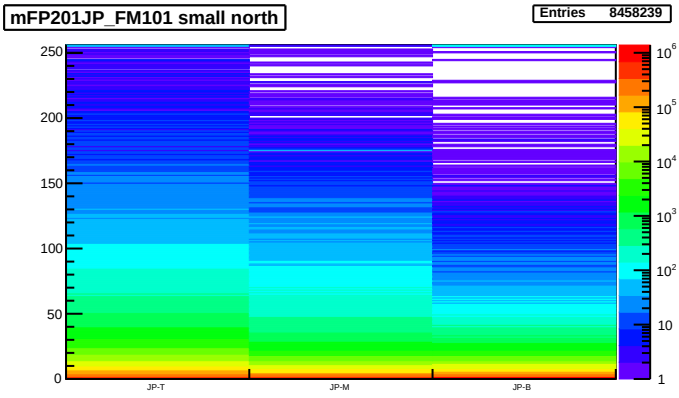

mFP201BSsim_FM102 small south
Entries 5894494
1.0333e+06
977096
113086
479593
1.8232e+06
1.46822e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

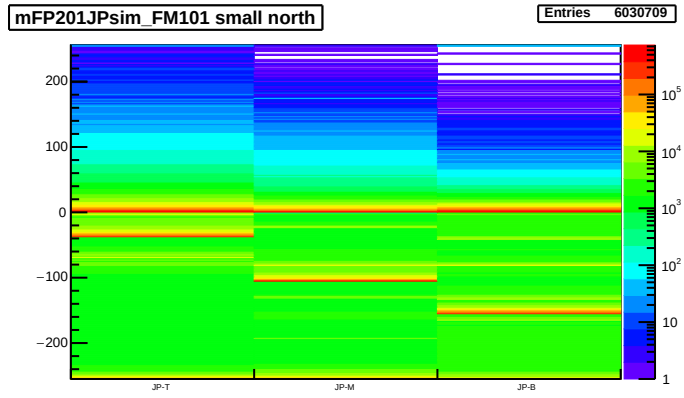

mFP201BS_FM103 large north
Entries 1.409706e+07
16308
47064
120163
171067
229072
2.8031e+06
2.77235e+06
2.69925e+06
2.64835e+06
2.59034e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

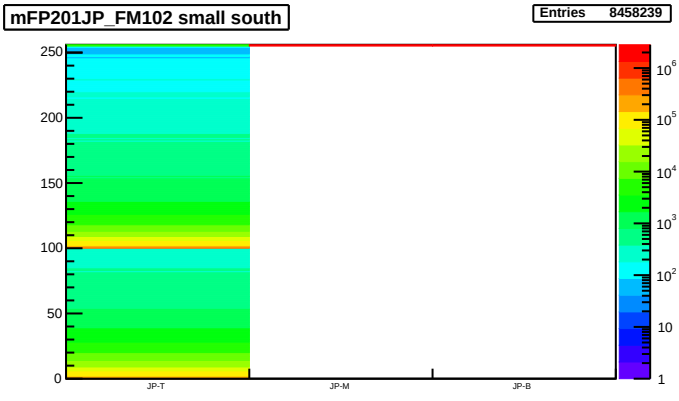

mFP201BSsim_FM103 large north
Entries 9238855
2036
6278
24199
12504
194919
2.22491e+06
2.18726e+06
2.0831e+06
2.21733e+06
286326
BS3
BS2
BS1-T
BS1-M
BS1-B

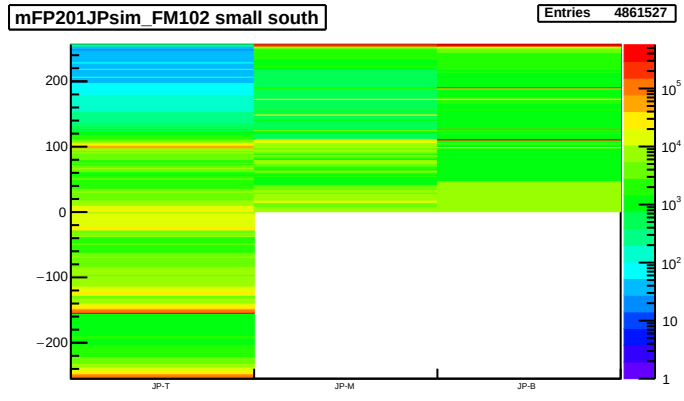

mFP201BS_FM104 large south
Entries 1.409706e+07
2.81941e+06
2.81941e+06
61593
2.81941e+06
2.81941e+06
2.75782e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

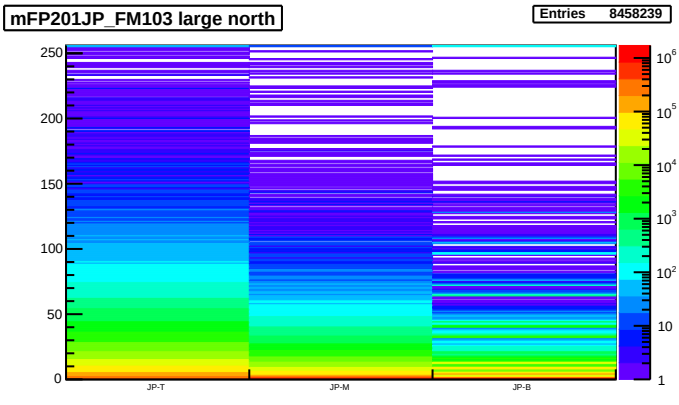

mFP201BSsim_FM104 large south
Entries 9021557
2.23741e+06
2.12815e+06
55615
2.01044e+06
2.57862e+06
11327
BS3
BS2
BS1-T
BS1-M
BS1-B

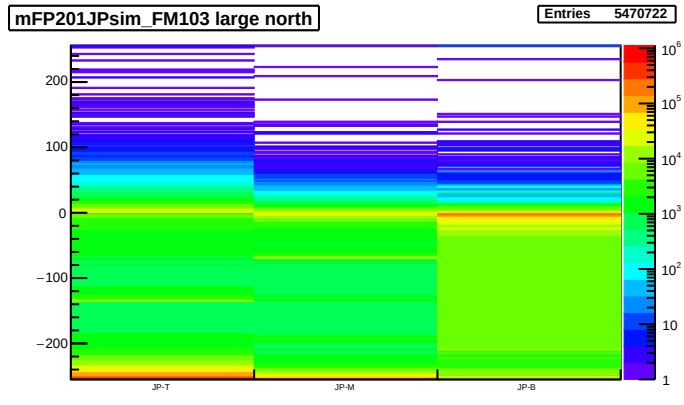

mFP201JP_FM101 small north
Entries 8458239
JP-T
JP-M
JP-B

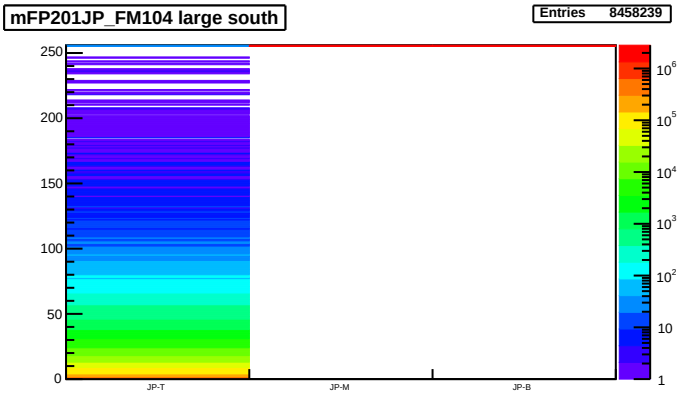

mFP201JPsim_FM101 small north
Entries 6030709
JP-T
JP-M
JP-B

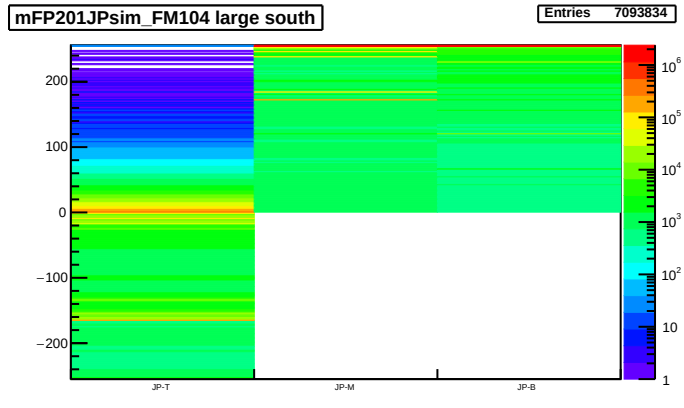

mFP201JP_FM102 small south
Entries 8458239
JP-T
JP-M
JP-B

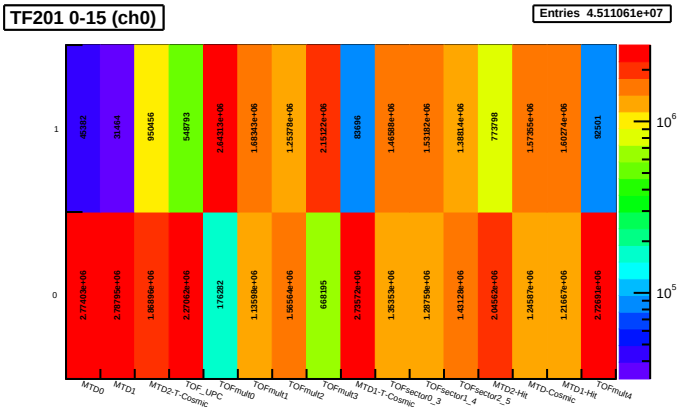

mFP201JPsim_FM102 small south
Entries 4861527
JP-T
JP-M
JP-B

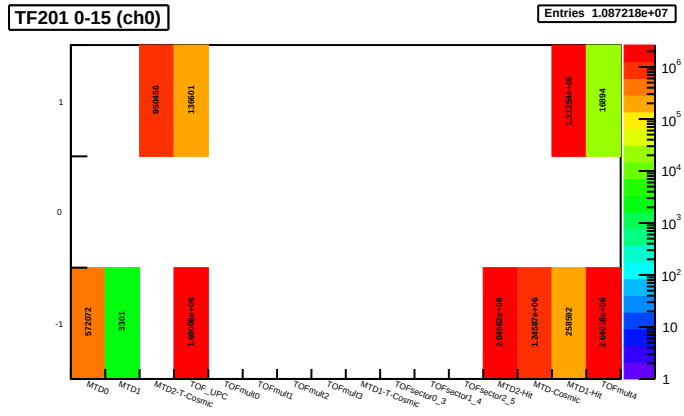

mFP201JP_FM103 large north
Entries 8458239
JP-T
JP-M
JP-B

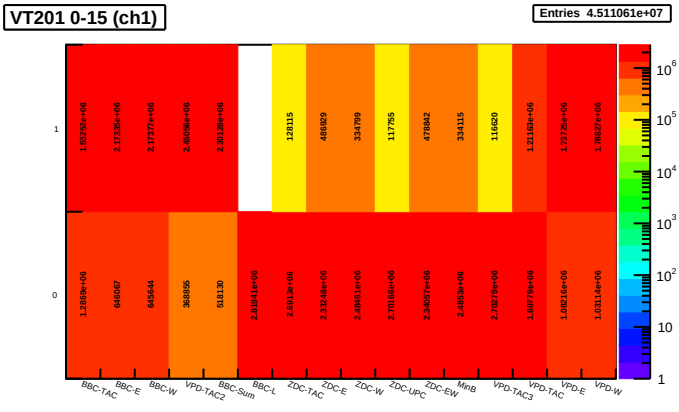

mFP201JPsim_FM103 large north
Entries 5470722
JP-T
JP-M
JP-B

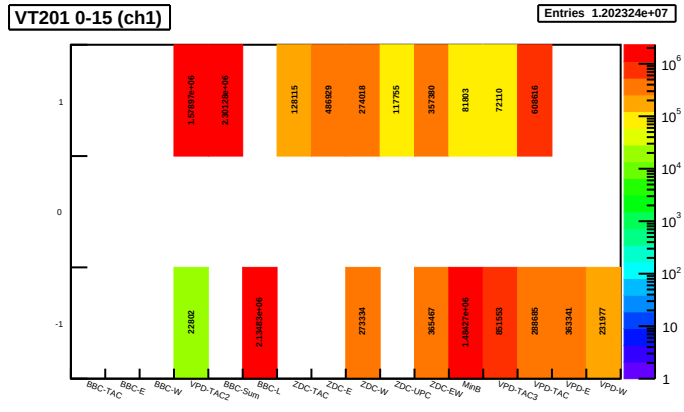

mFP201JP_FM104 large south
Entries 8458239
JP-T
JP-M
JP-B

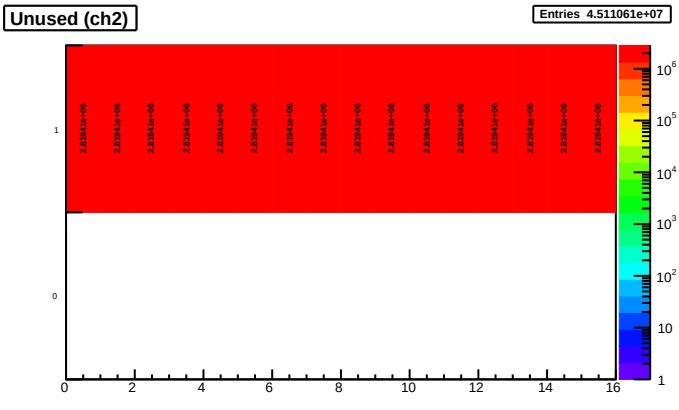

mFP201JPsim_FM104 large south
Entries 7093834
JP-T
JP-M
JP-B

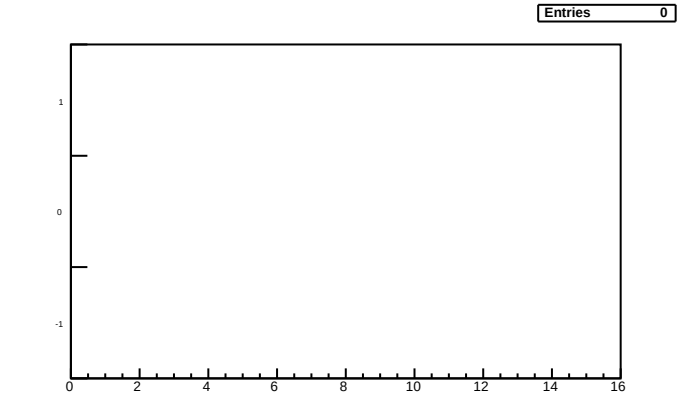

TF201 0-15 (ch0)
Entries 4.511061e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

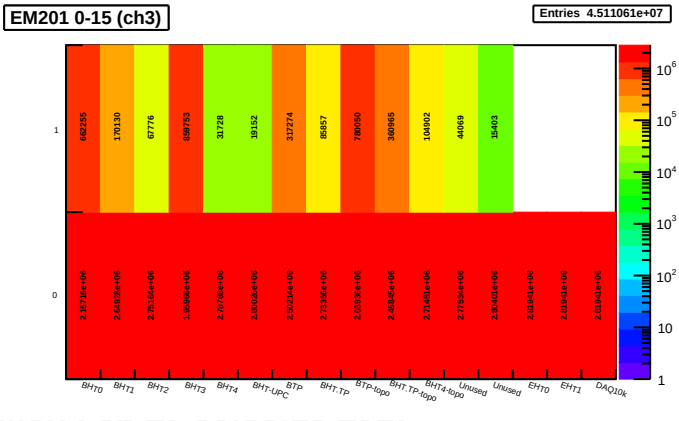

TF201 0-15 (ch0)
Entries 1.087218e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

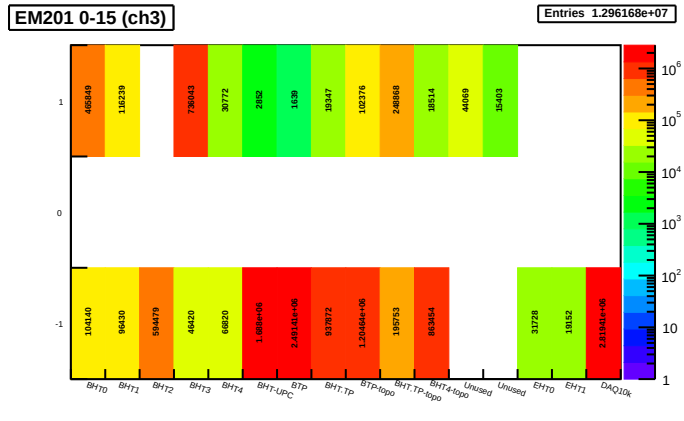

VT201 0-15 (ch1)
Entries 4.511061e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

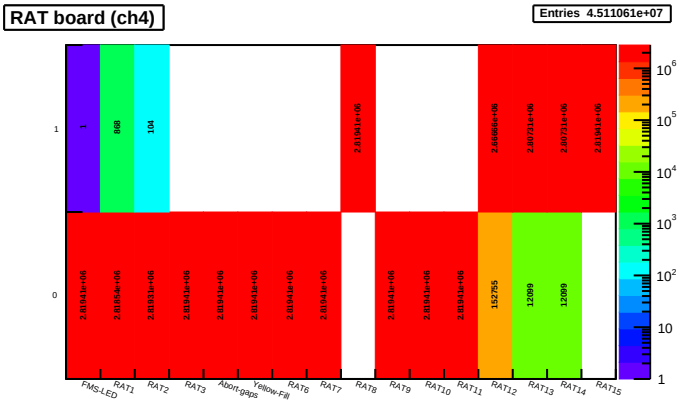

VT201 0-15 (ch1)
Entries 1.202324e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

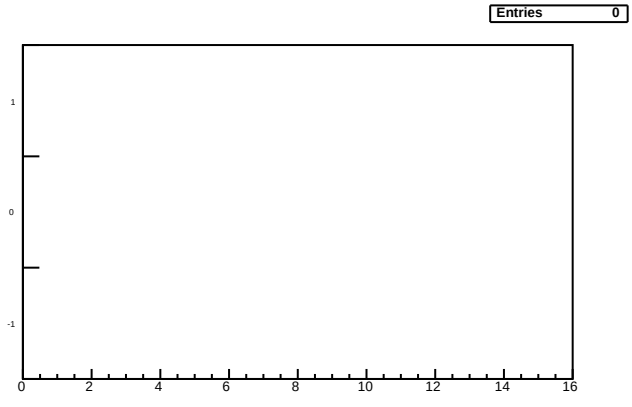

Unused (ch2)
Entries 4.511061e+07

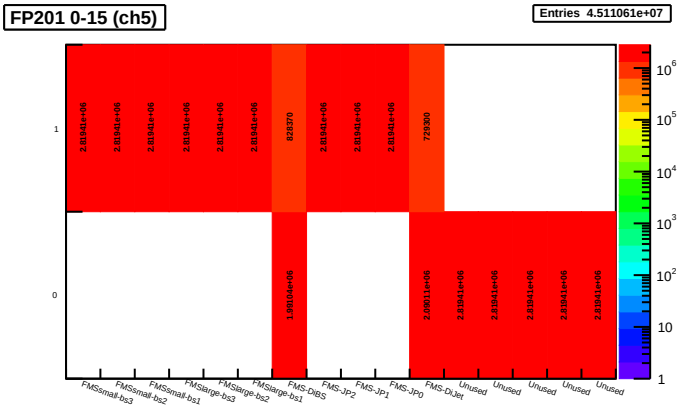

Entries 0

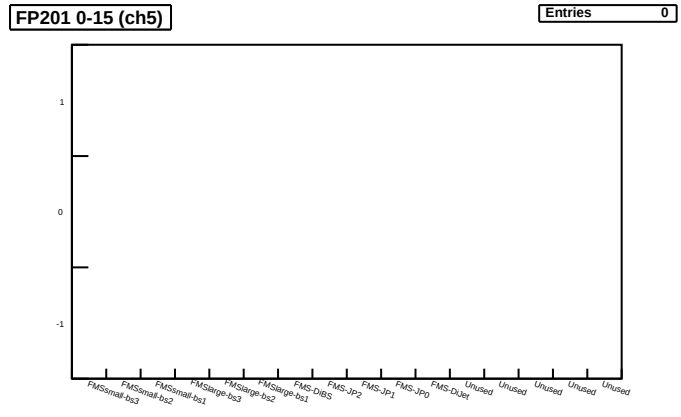

EM201 0-15 (ch3)
Entries 4.511061e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

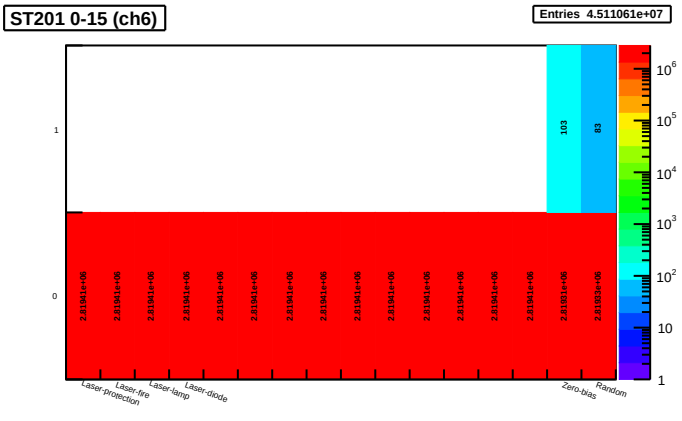

EM201 0-15 (ch3)
Entries 1.296168e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

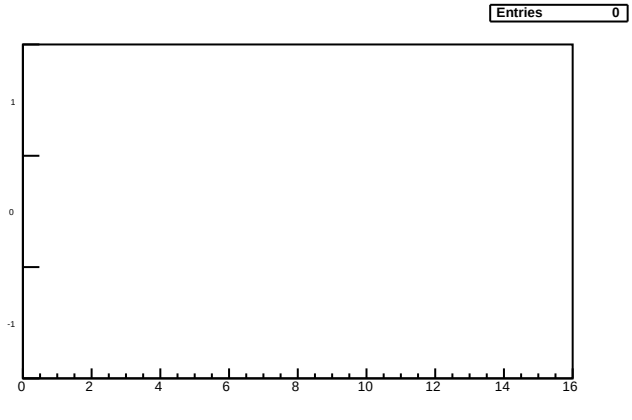

RAT board (ch4)
Entries 4.511061e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

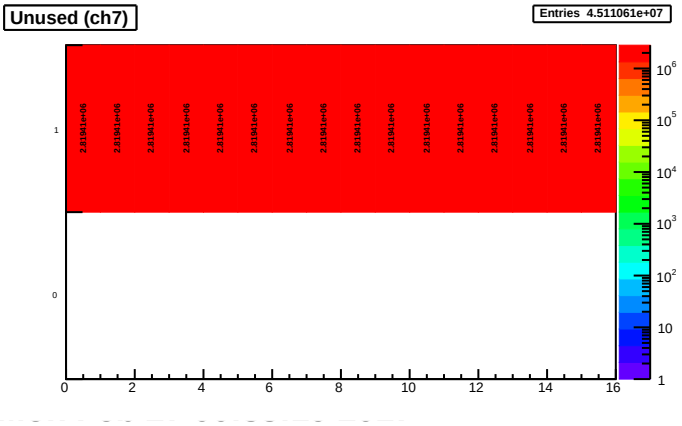

Entries 0

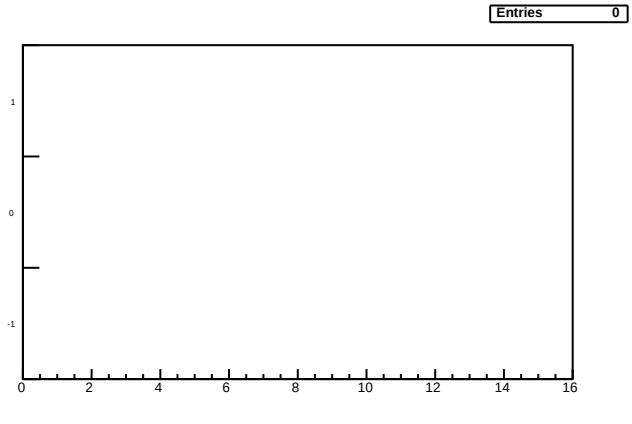

FP201 0-15 (ch5)
Entries 4.511061e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 4.511061e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 4.511061e+07


Entries 0