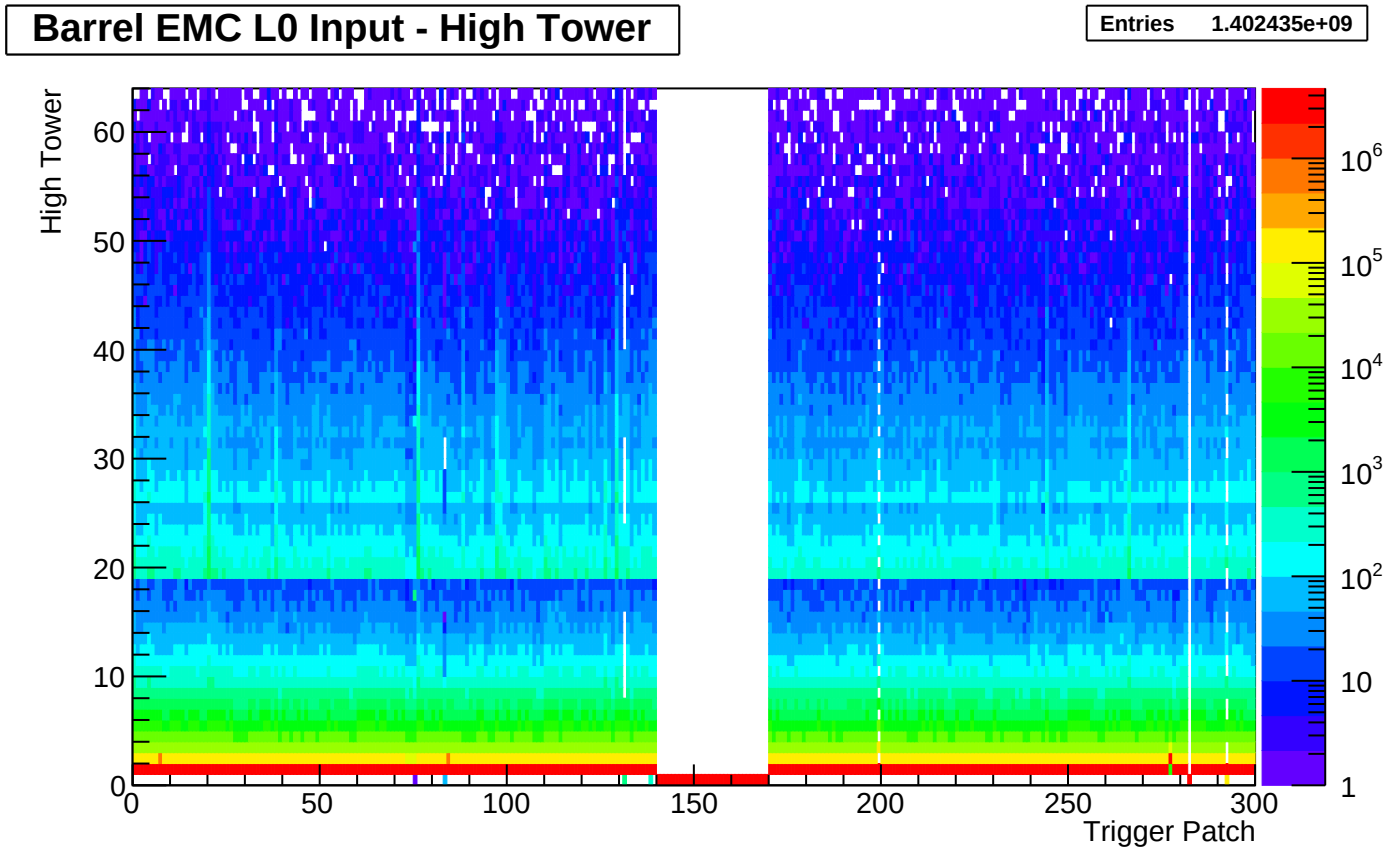
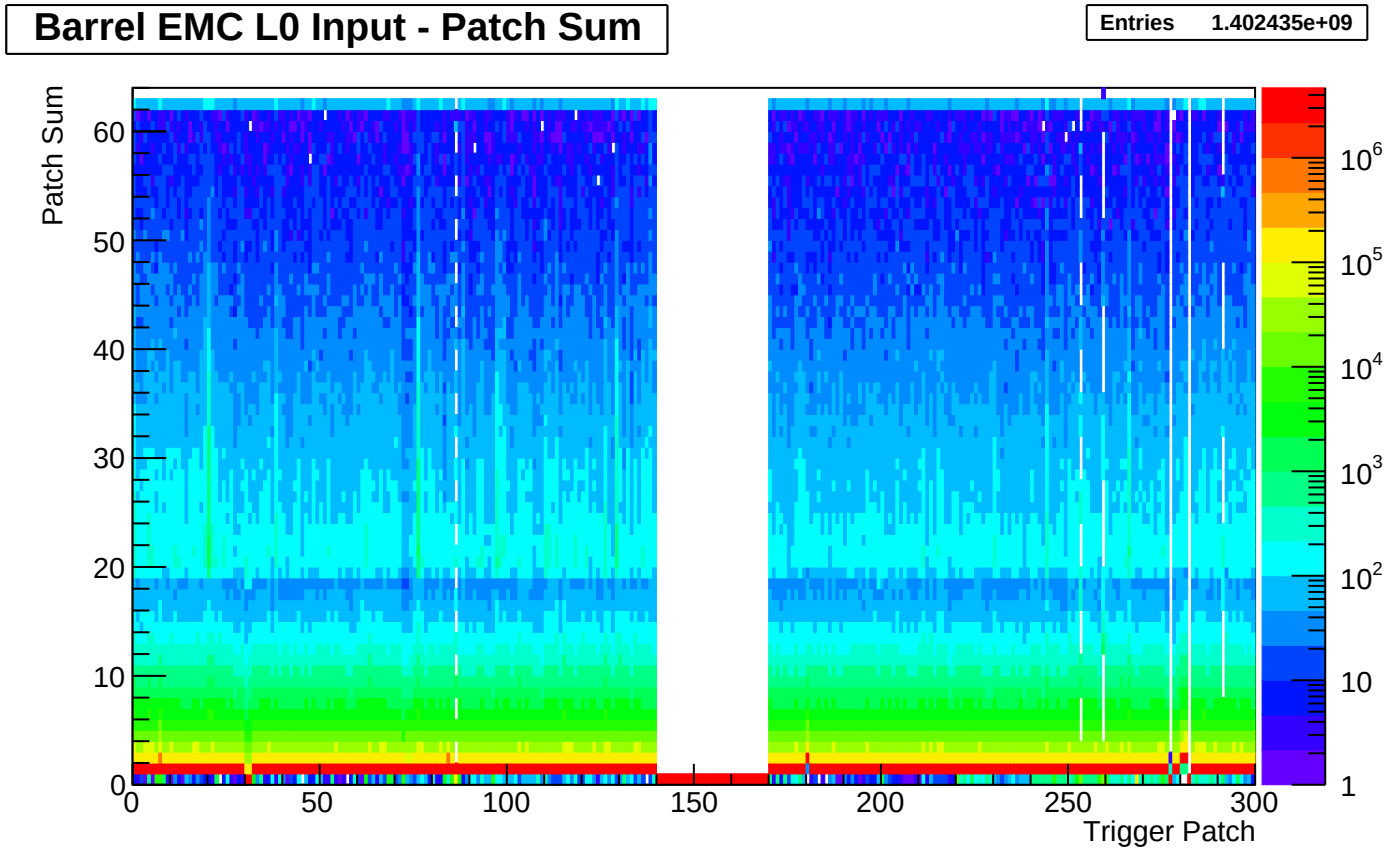
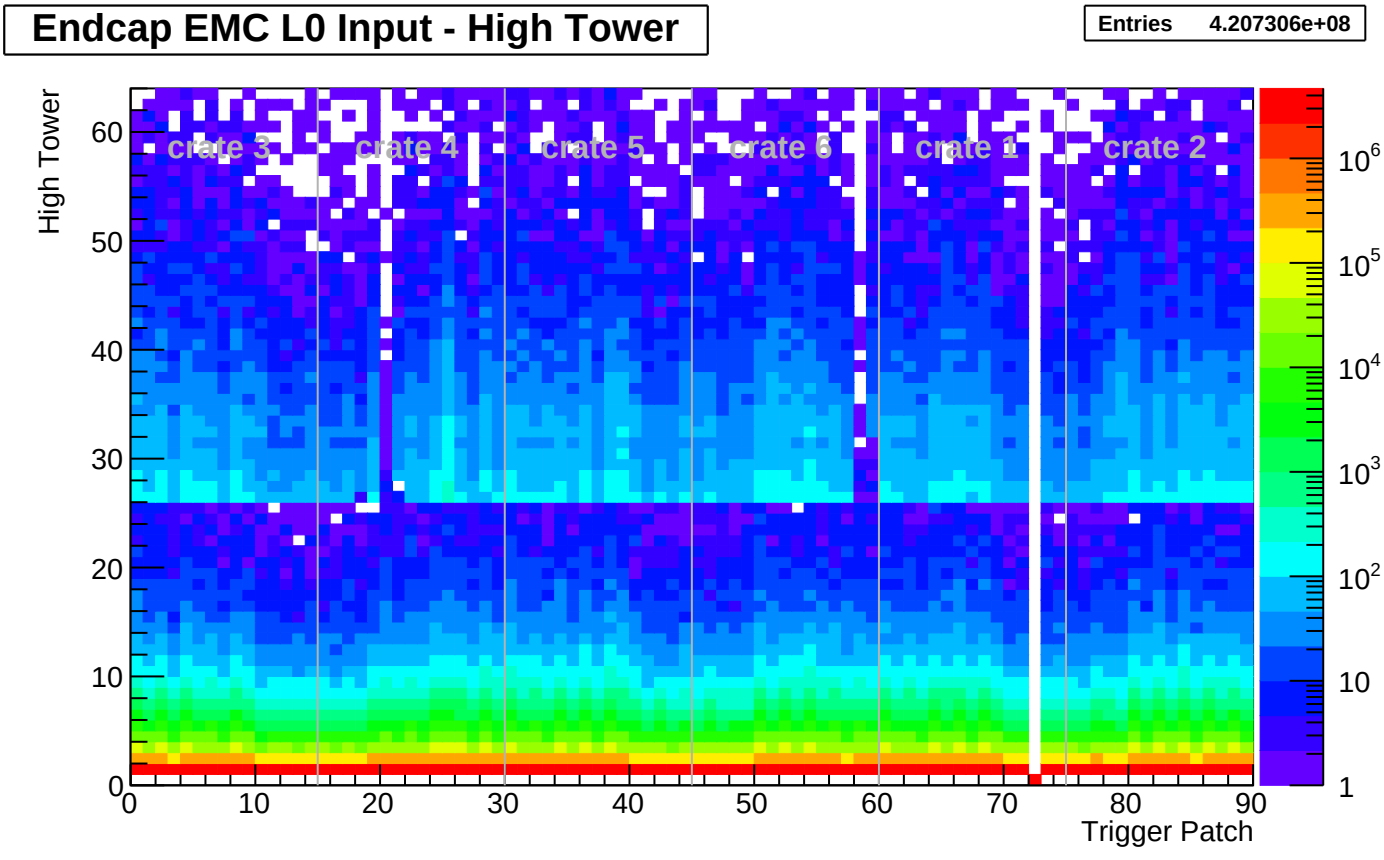
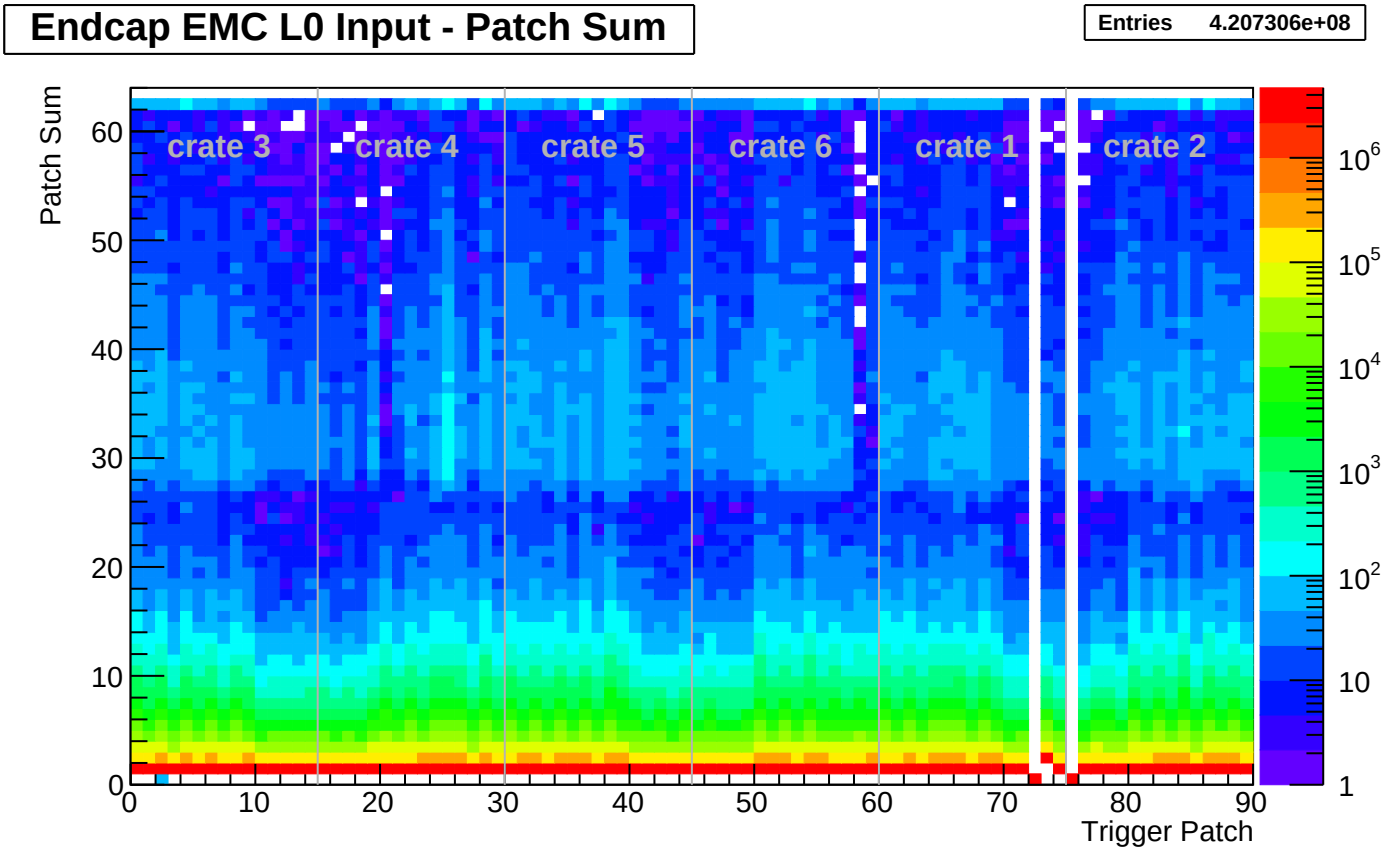
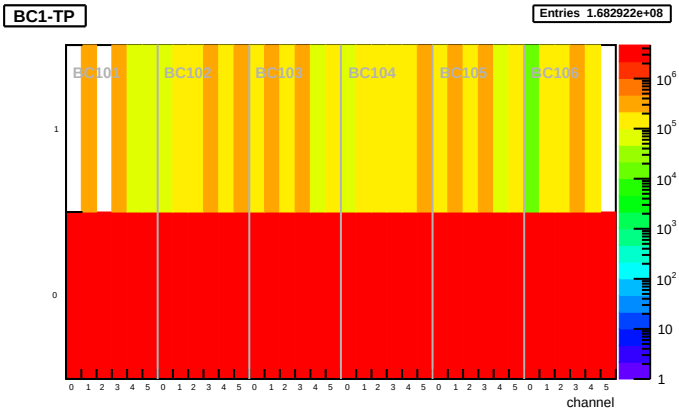
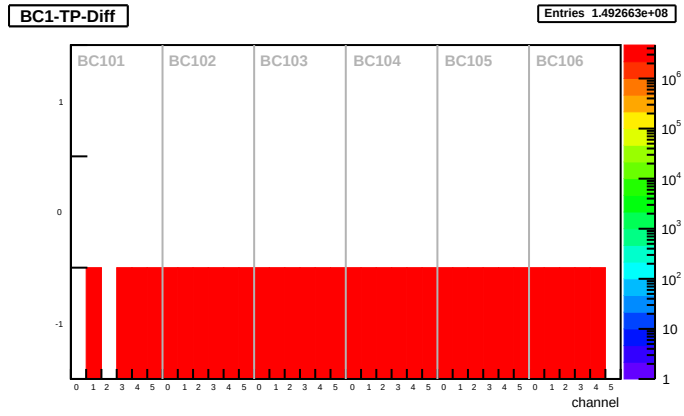

Barrel EMC L0 Input - High Tower
Entries 1.402435e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

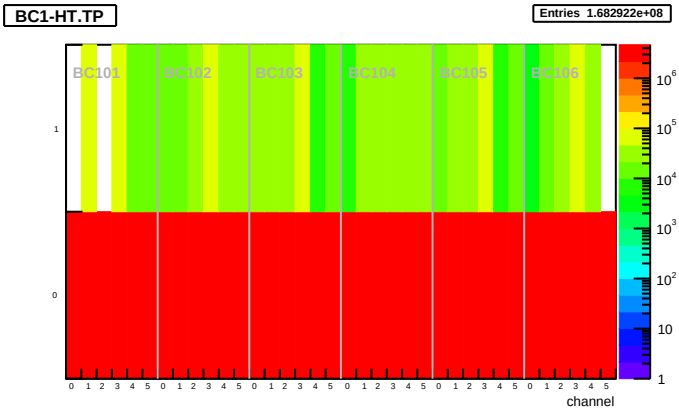

Barrel EMC L0 Input - Patch Sum
Entries 1.402435e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

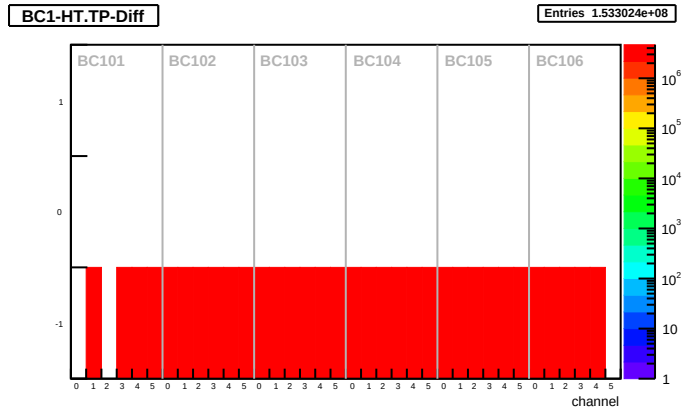

Endcap EMC L0 Input - High Tower
Entries 4.207306e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

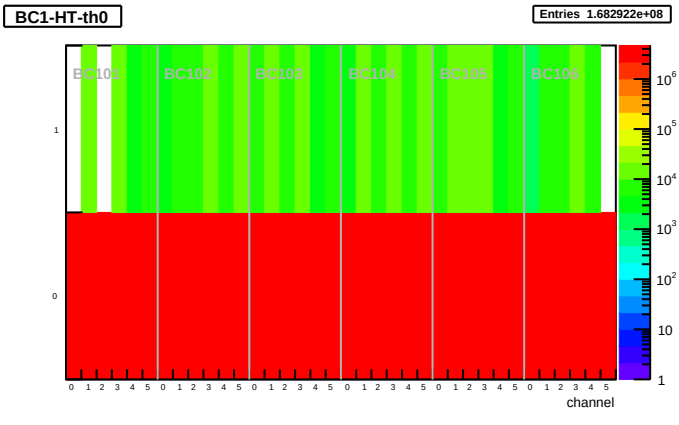

Endcap EMC L0 Input - Patch Sum
Entries 4.207306e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

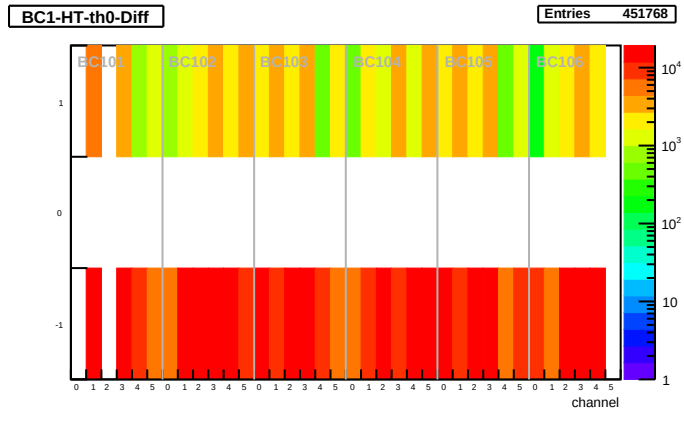

BC1-TP
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

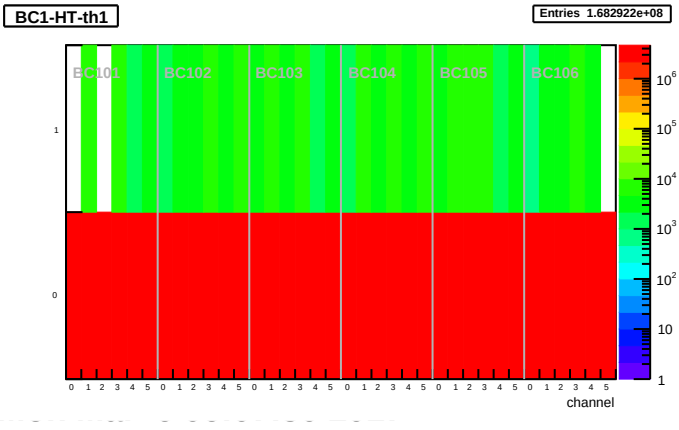

BC1-TP-Diff
Entries 1.492663e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

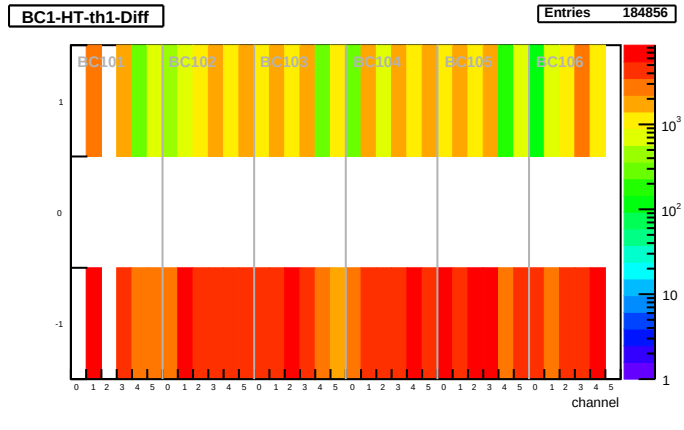

BC1-HT.TP
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

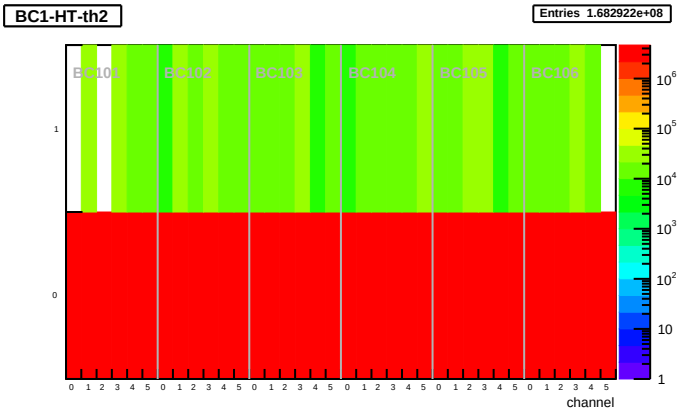

BC1-HT.TP-Diff
Entries 1.533024e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

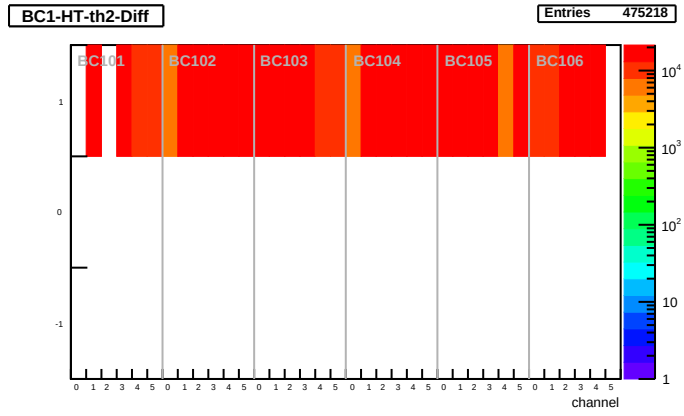

BC1-HT-th0
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

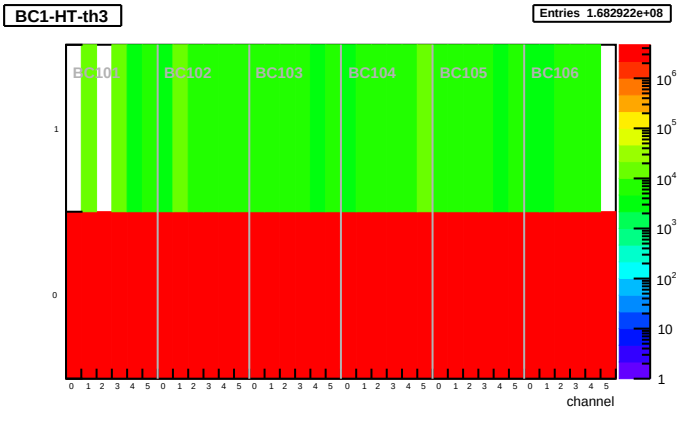

BC1-HT-th0-Diff
Entries 451768
BC101
BC102
BC103
BC104
BC105
BC106
channel

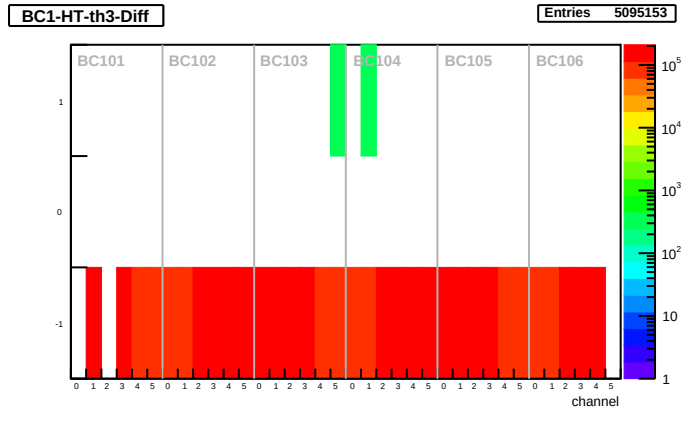

BC1-HT-th1
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

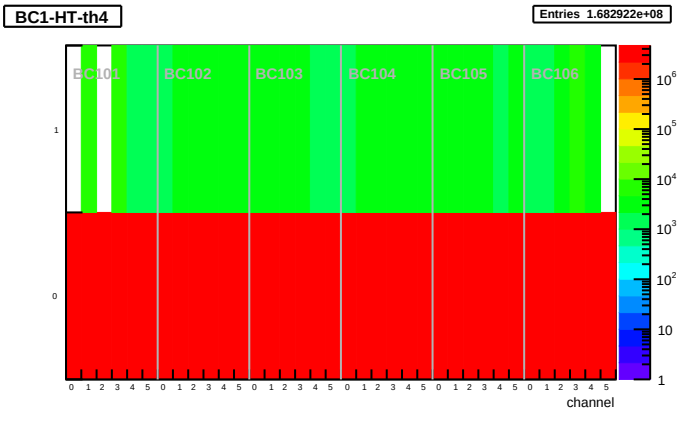

BC1-HT-th1-Diff
Entries 184856
BC101
BC102
BC103
BC104
BC105
BC106
channel

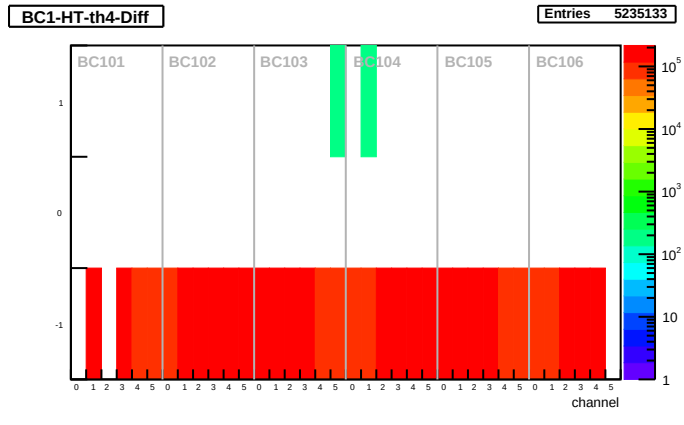

BC1-HT-th2
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

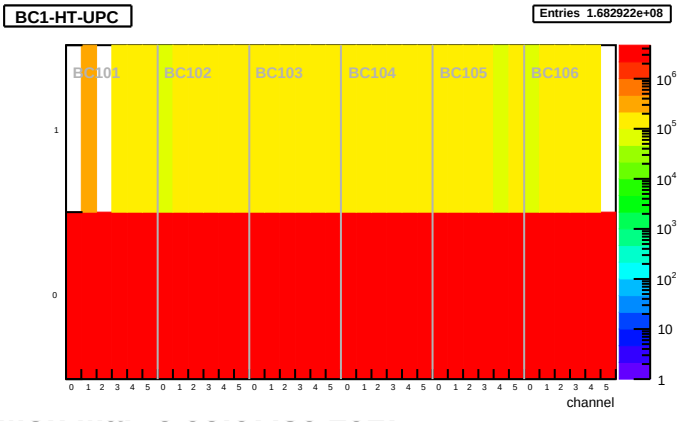

BC1-HT-th2-Diff
Entries 475218
BC101
BC102
BC103
BC104
BC105
BC106
channel

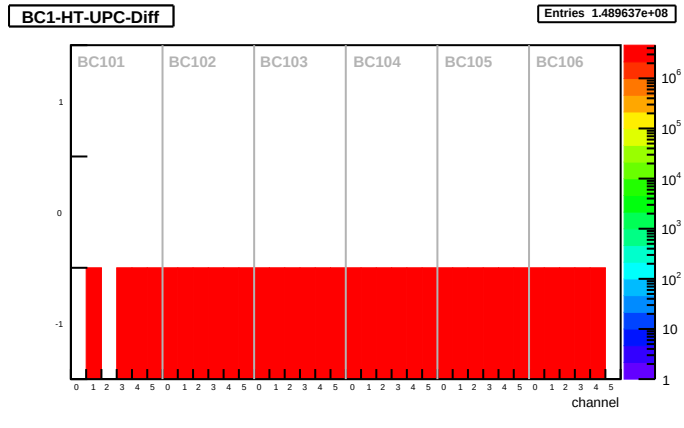

BC1-HT-th3
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

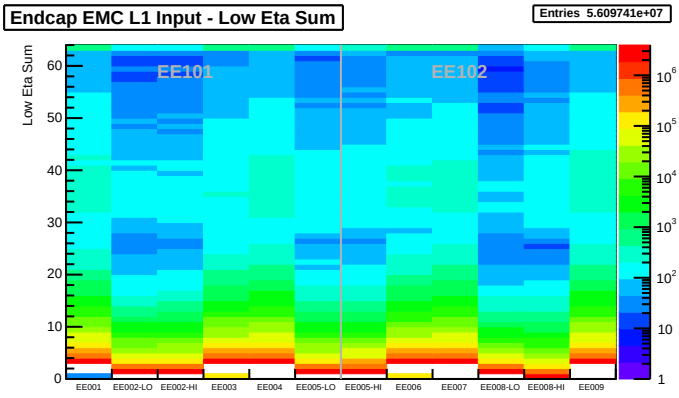

BC1-HT-th3-Diff
Entries 5095153
BC101
BC102
BC103
BC104
BC105
BC106
channel

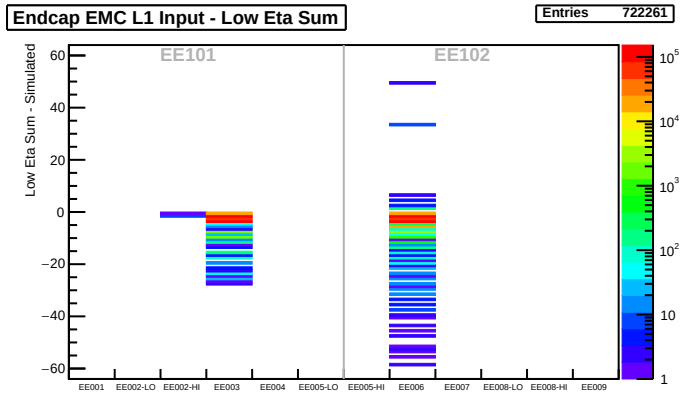

BC1-HT-th4
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

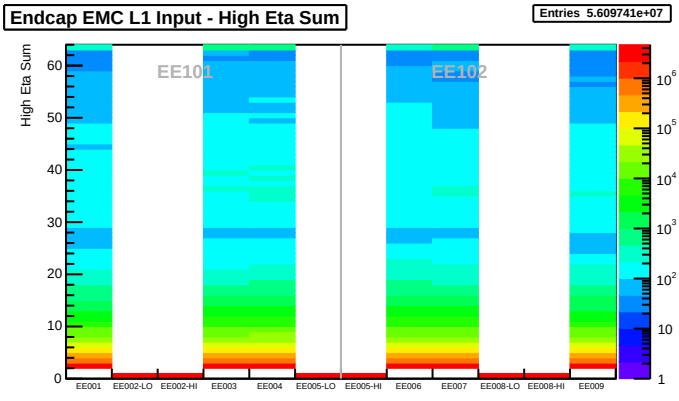

BC1-HT-th4-Diff
Entries 5235133
BC101
BC102
BC103
BC104
BC105
BC106
channel

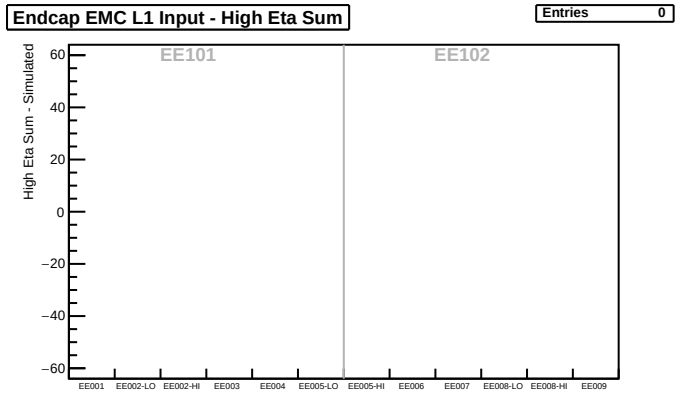

BC1-HT-UPC
Entries 1.682922e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

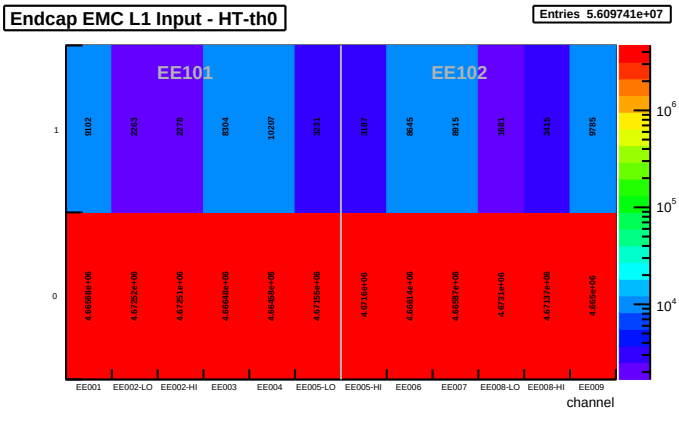

BC1-HT-UPC-Diff
Entries 1.489637e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

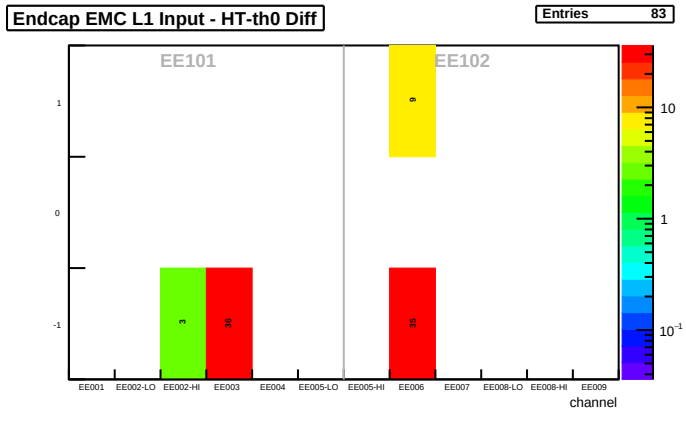

Endcap EMC L1 Input - Low Eta Sum
Entries 5.609741e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

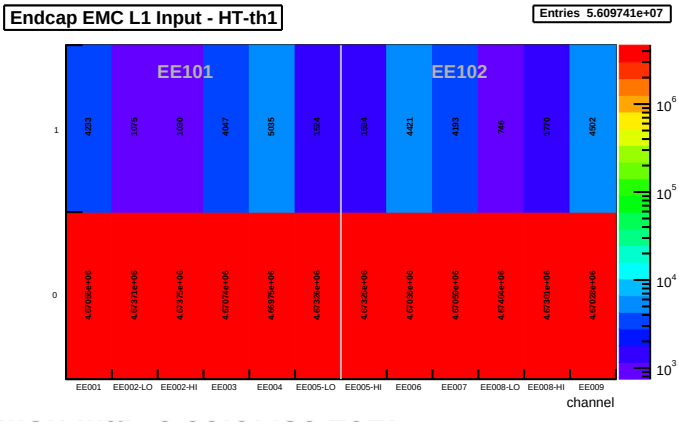

Endcap EMC L1 Input - Low Eta Sum
Entries 722261
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

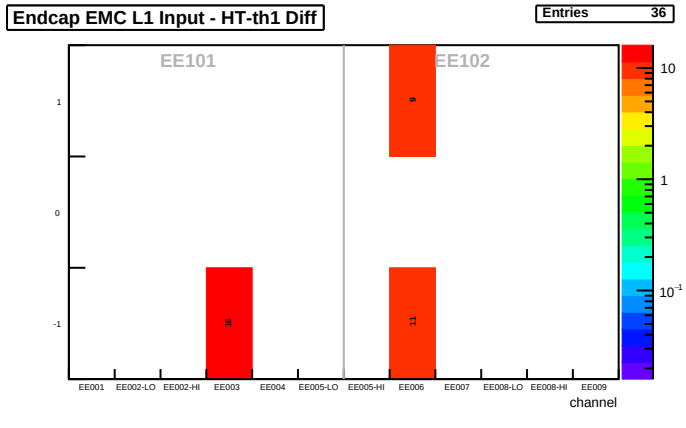

Endcap EMC L1 Input - High Eta Sum
Entries 5.609741e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

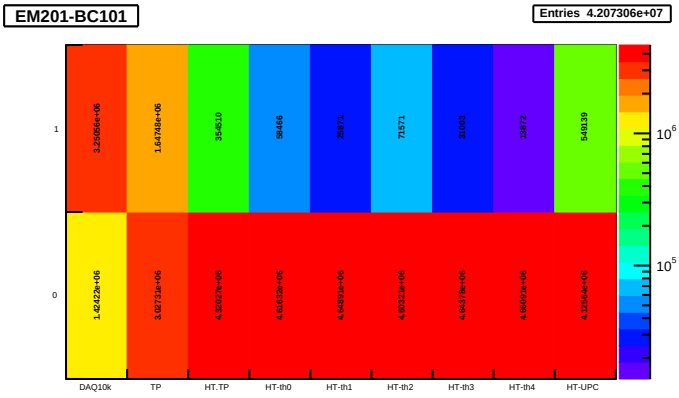

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

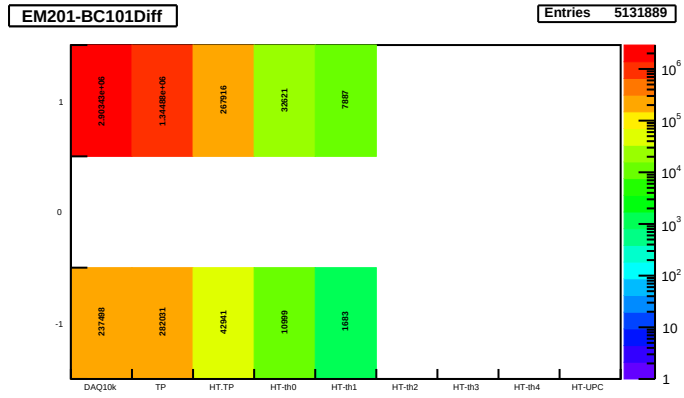

Endcap EMC L1 Input - HT-th0
Entries 5.609741e+07
EE101
EE102
9102 2263 2278 8304 10207 3231 3187 8645 8915 1681 3415 9785
4.66968e+06 4.67252e+06 4.67251e+06 4.66948e+06 4.66458e+06 4.67155e+06 4.6716e+06 4.66614e+06 4.66987e+06 4.6721e+06 4.67157e+06 4.666e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

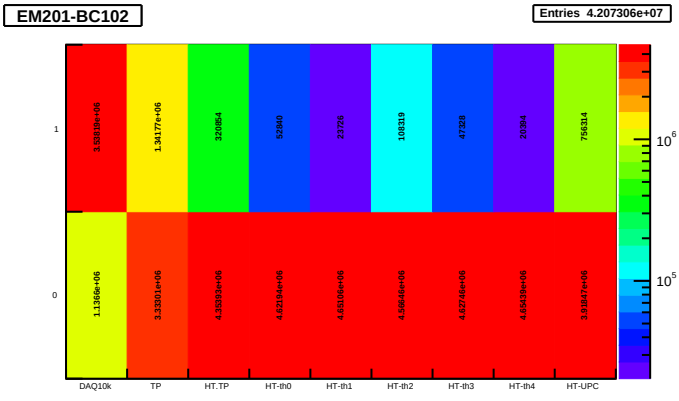

Endcap EMC L1 Input - HT-th0 Diff
Entries 83
EE101
EE102
9
3 36 35
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

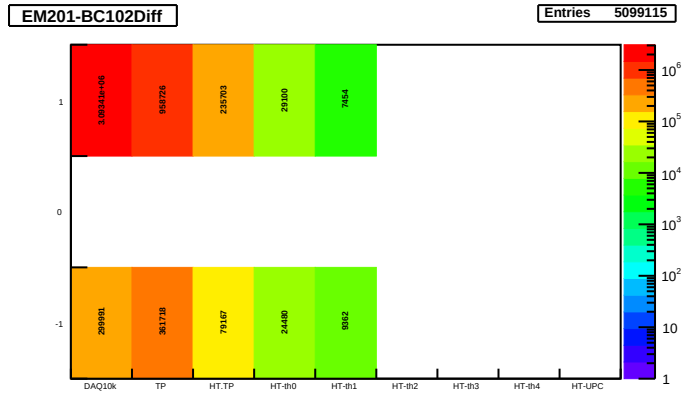

Endcap EMC L1 Input - HT-th1
Entries 5.609741e+07
EE101
EE102
4223 1075 1030 4067 5035 1524 1534 4421 4193 746 1770 4902
4.67055e+06 4.67371e+06 4.67375e+06 4.67074e+06 4.66975e+06 4.67326e+06 4.67325e+06 4.67036e+06 4.67059e+06 4.67404e+06 4.67301e+06 4.67028e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

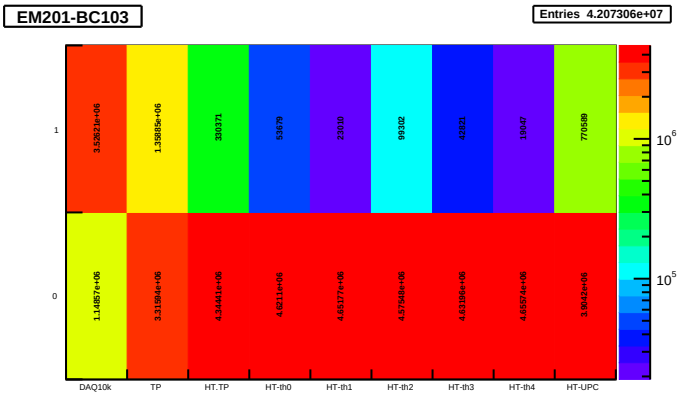

Endcap EMC L1 Input - HT-th1 Diff
Entries 36
EE101
EE102
9
16 11
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

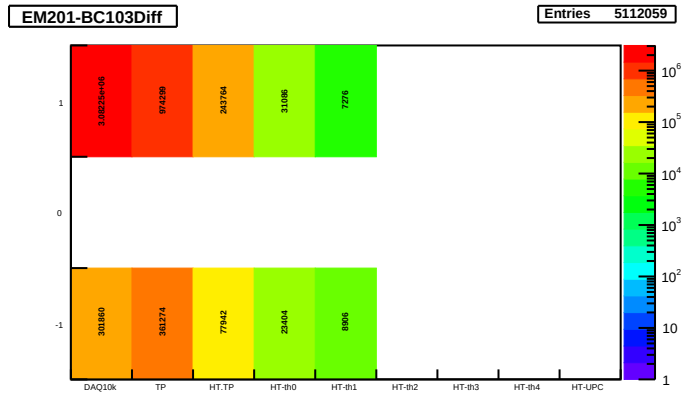

EM201-BC101
Entries 4.207306e+07
3.25658e+06
1.64748e+06
354510
58466
28571
71571
31053
13372
548139
1.40422e+06
3.02731e+06
4.32027e+06
4.61632e+06
4.64891e+06
4.63226e+06
4.64378e+06
4.66091e+06
4.12564e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

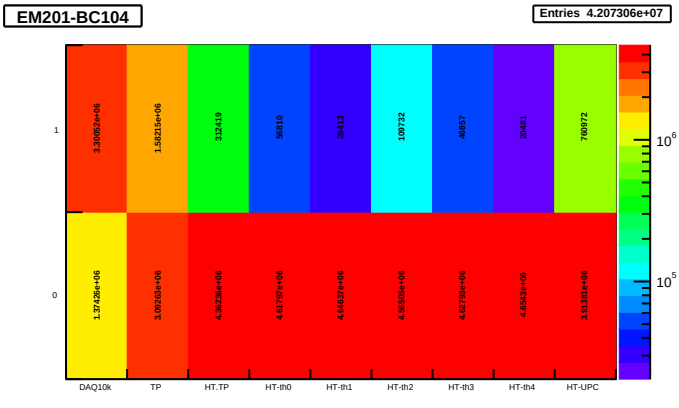

EM201-BC101Diff
Entries 5131889
2.90342e+06
1.34488e+06
267916
33521
7887
237498
282031
42941
10999
1683
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

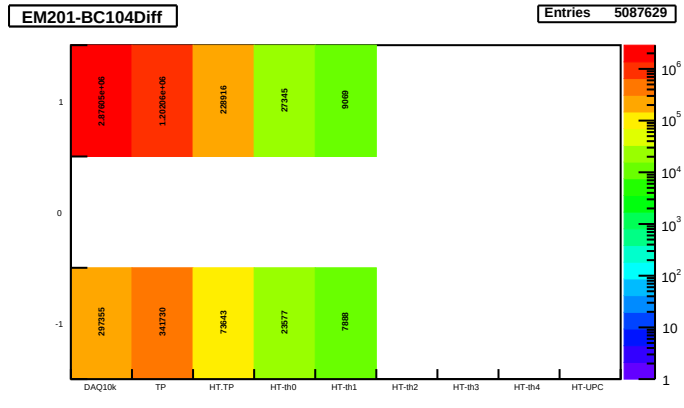

EM201-BC102
Entries 4.207306e+07
3.33519e+06
1.34177e+06
320854
52840
23726
108319
47328
20394
756314
1.13586e+06
3.33301e+06
4.35933e+06
4.62194e+06
4.65106e+06
4.56646e+06
4.62746e+06
4.65439e+06
3.91847e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 5099115
3.09341e+06
958726
235703
29100
7454
299991
361718
79167
24480
9962
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

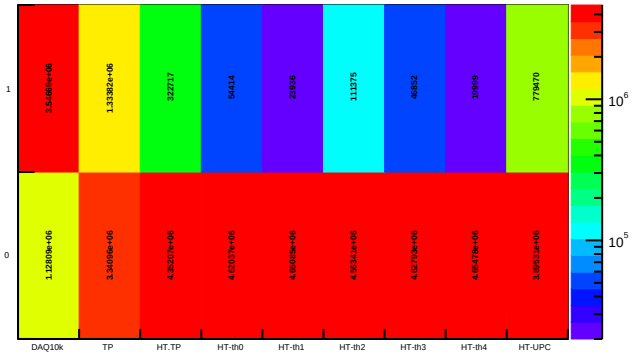

EM201-BC103
Entries 4.207306e+07
3.52621e+06
1.13885e+06
330371
53579
23310
99302
42521
19547
770589
1.14857e+06
3.31594e+06
4.34441e+06
4.62111e+06
4.65177e+06
4.57583e+06
4.63195e+06
4.65574e+06
3.90422e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 5112059
3.06225e+06
974299
243764
31086
7276
301860
361274
77942
25404
8906
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

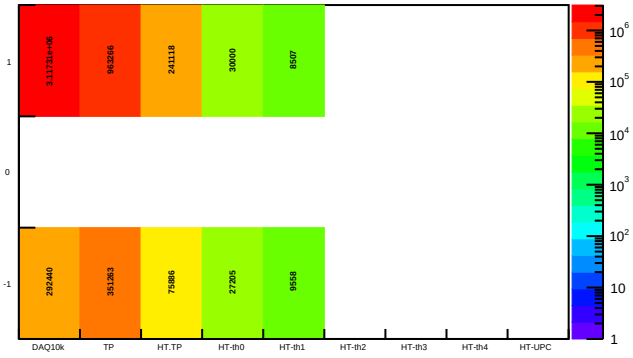

EM201-BC104
Entries 4.207306e+07
3.30052e+06
1.58215e+06
312419
56810
28413
109732
46857
20461
760972
1.37428e+06
3.09263e+06
4.39239e+06
4.61797e+06
4.64537e+06
4.55506e+06
4.62793e+06
4.6543e+06
3.91381e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 5087629
2.97605e+06
1.20206e+06
228916
27345
9069
297355
341730
73643
23577
7888
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

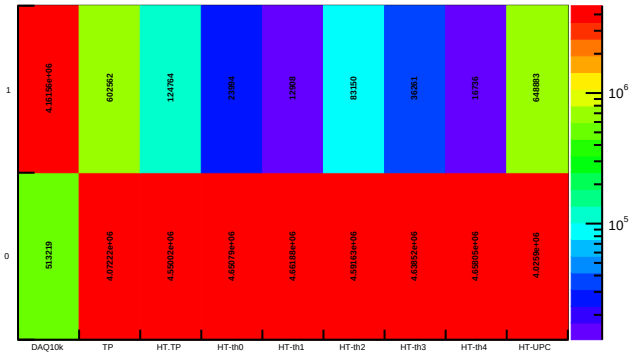
EM201-BC105 Entries 4.207306e+07



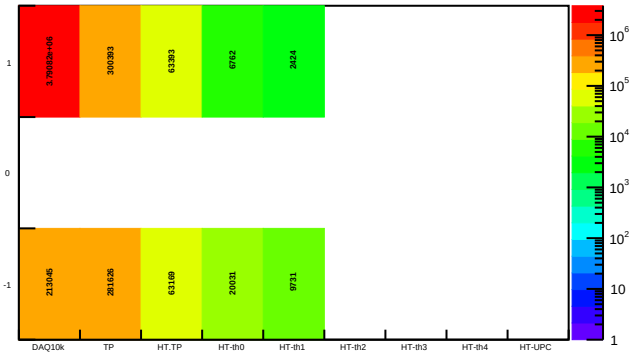
EM201-BC105Diff Entries 5116557



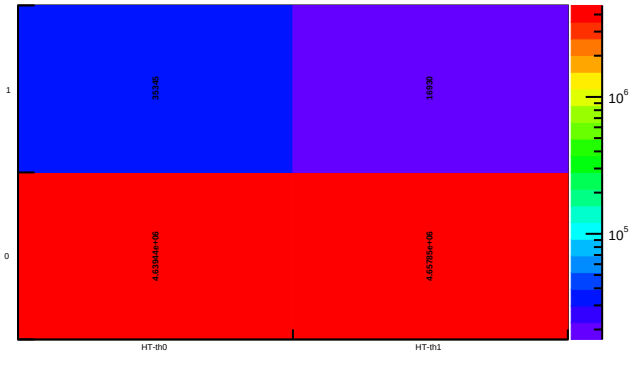
EM201-BC106 Entries 4.207306e+07



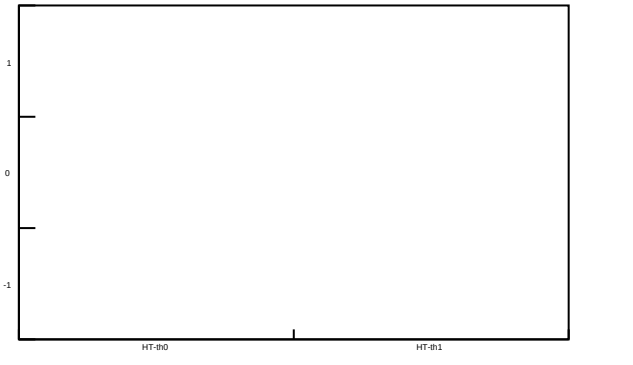
EM201-BC106Diff Entries 4751389



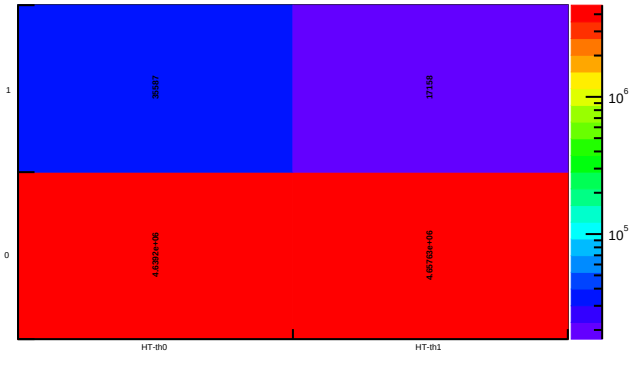
EM201-EE101 Entries 9349568



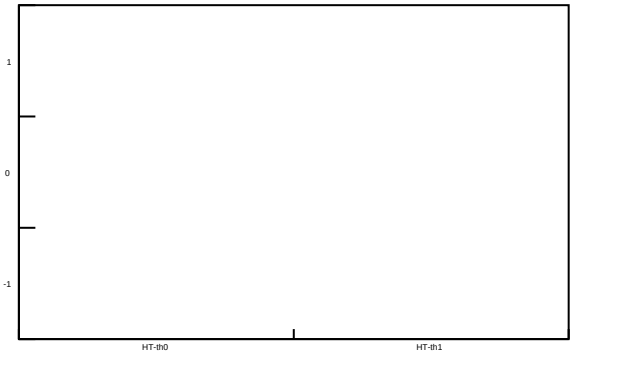
EM201-EE101Diff Entries 0

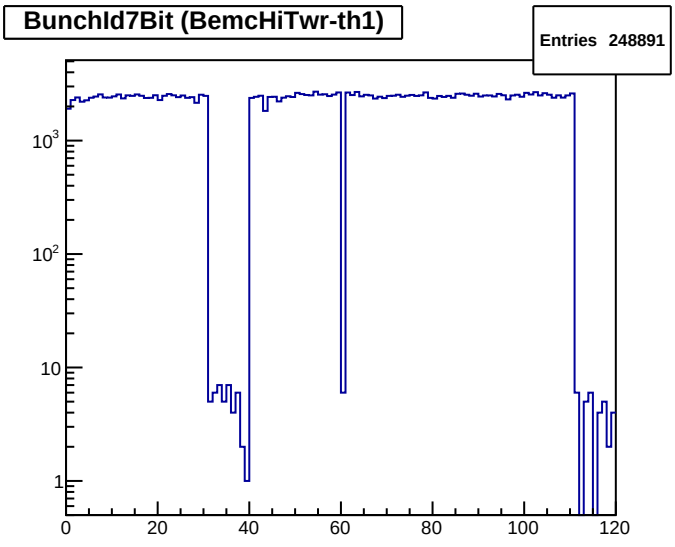


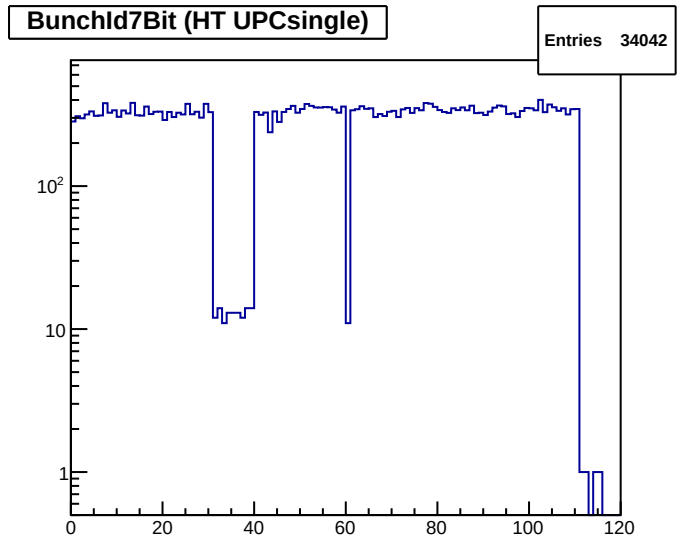
EM201-EE102 Entries 9349568

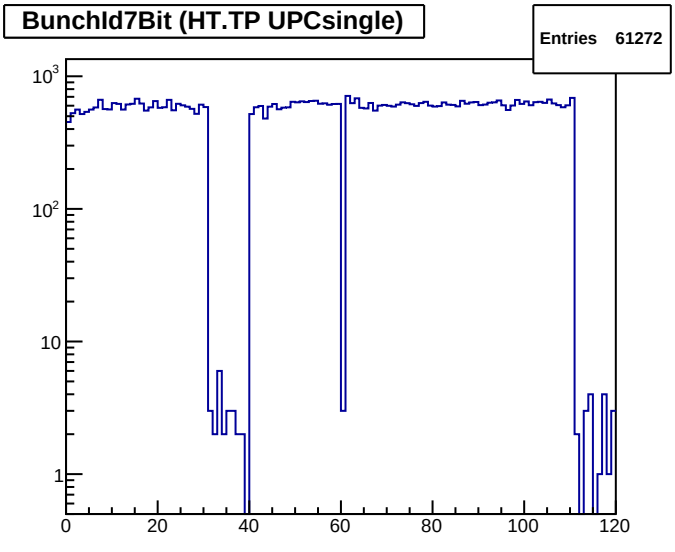


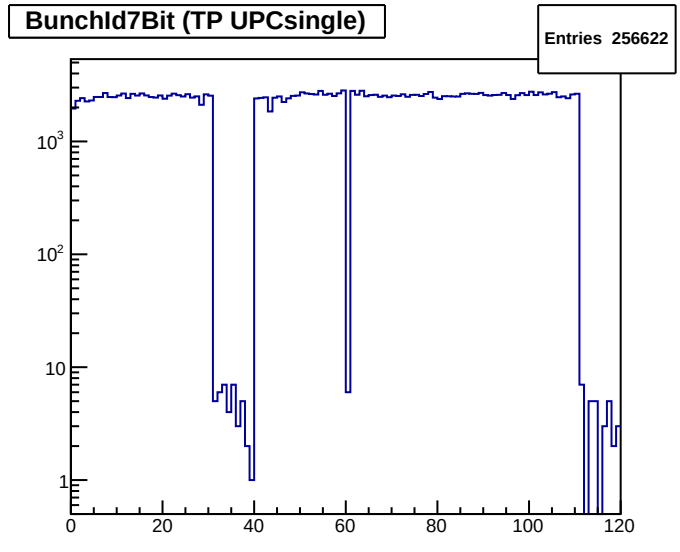
EM201-EE102Diff Entries 0

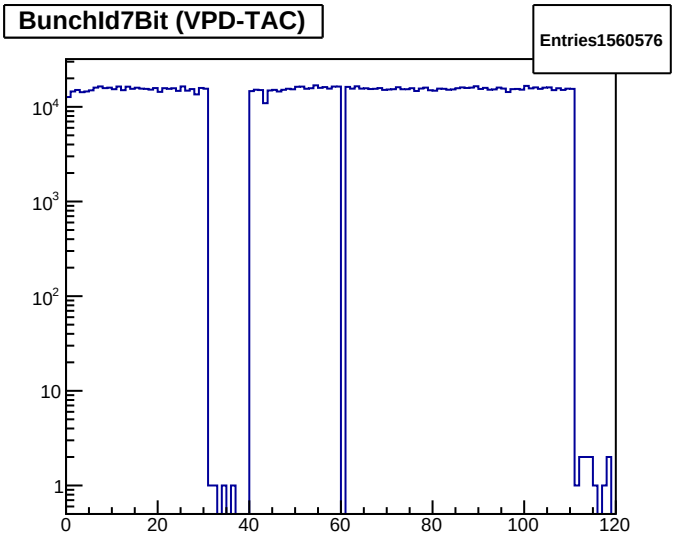


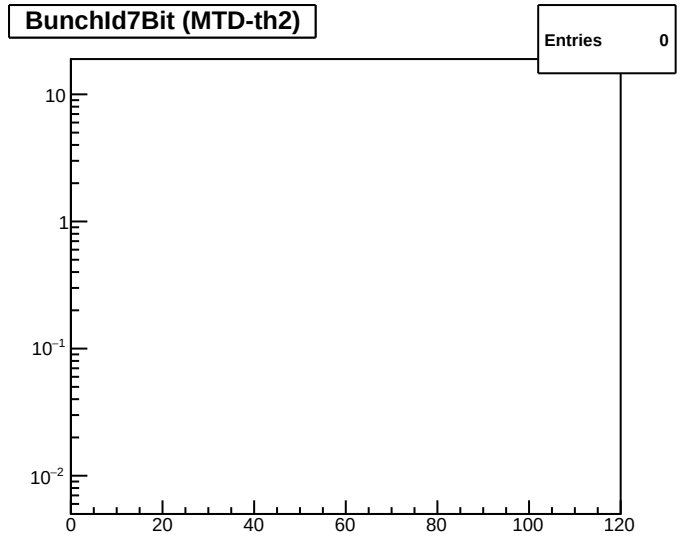

BunchId7Bit (BemcHiTwr-th1)
Entries 248891

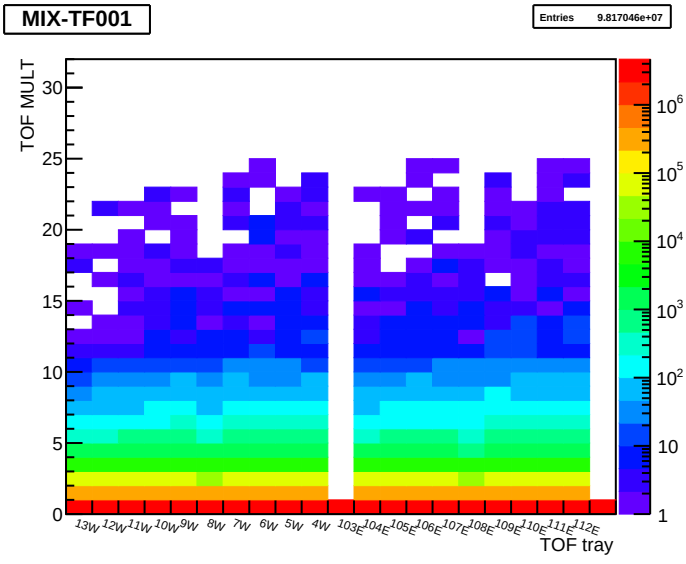

BunchId7Bit (HT UPCsingle)
Entries 34042

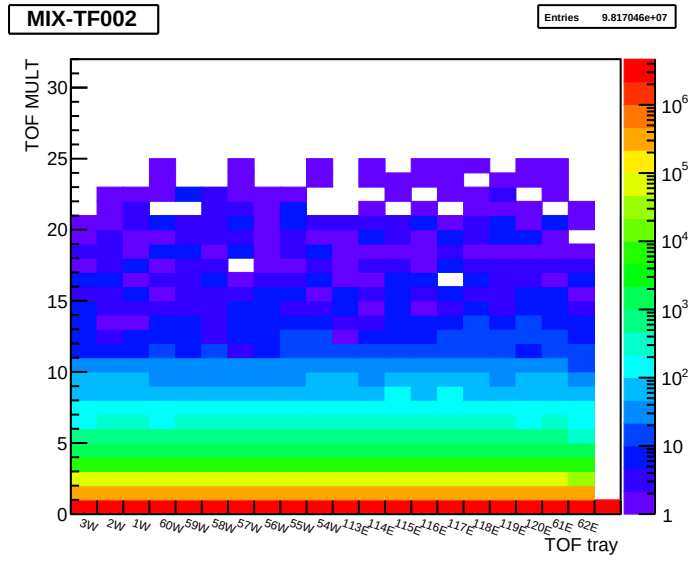

BunchId7Bit (HT.TP UPCsingle)
Entries 61272

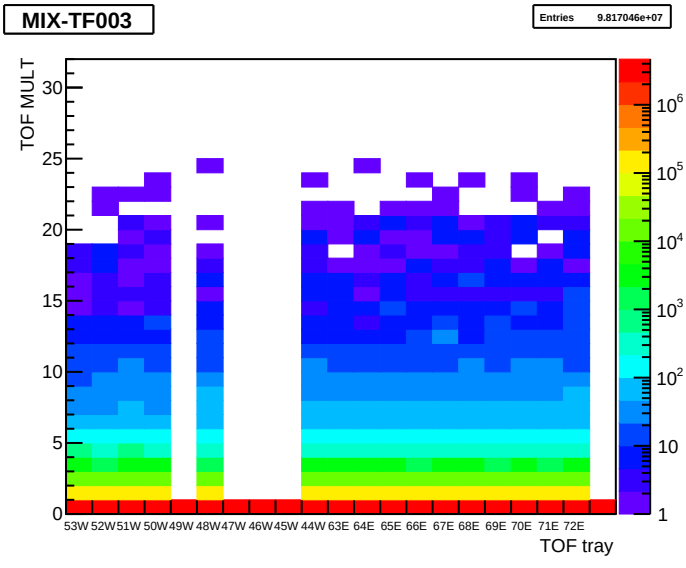

BunchId7Bit (TP UPCsingle)
Entries 256622

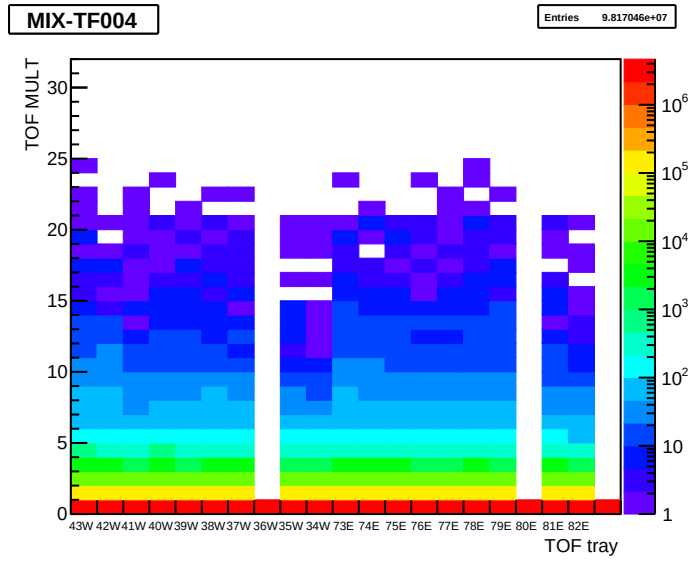

BunchId7Bit (VPD-TAC)
Entries1560576

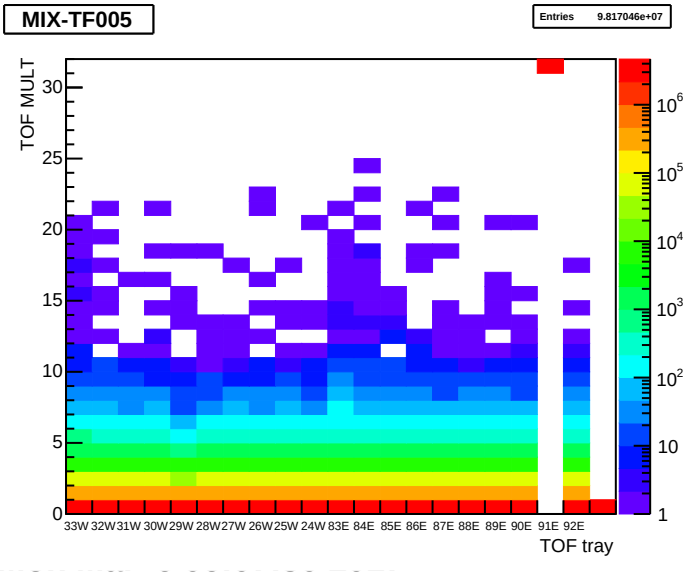

BunchId7Bit (MTD-th2)
Entries 0

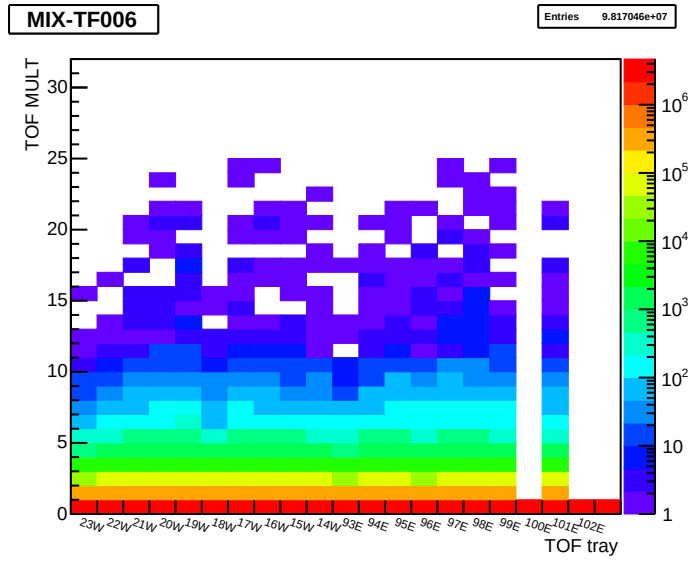

MIX-TF001
Entries 9.817046e+07
TOF MULT
TOF tray

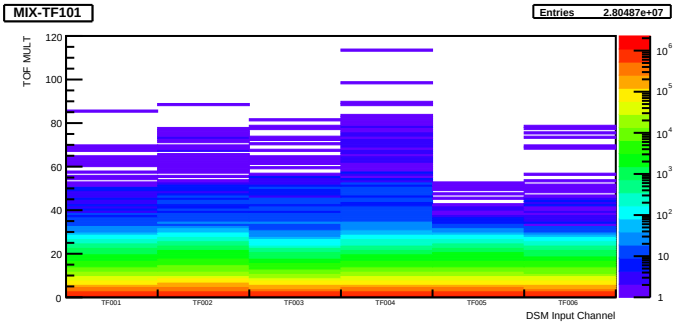

MIX-TF002
Entries 9.817046e+07
TOF MULT
TOF tray

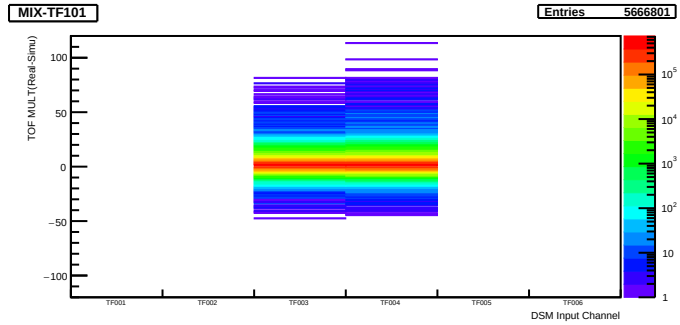

MIX-TF003
Entries 9.817046e+07
TOF MULT
TOF tray

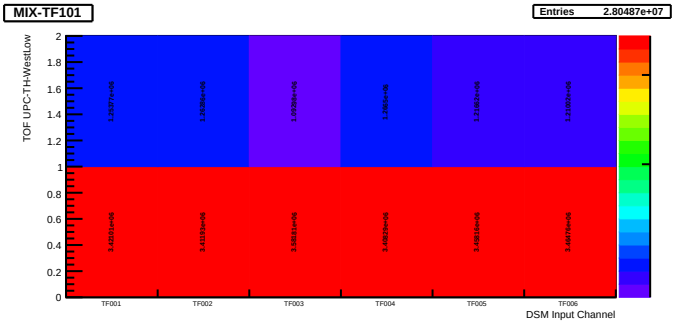

MIX-TF004
Entries 9.817046e+07
TOF MULT
TOF tray

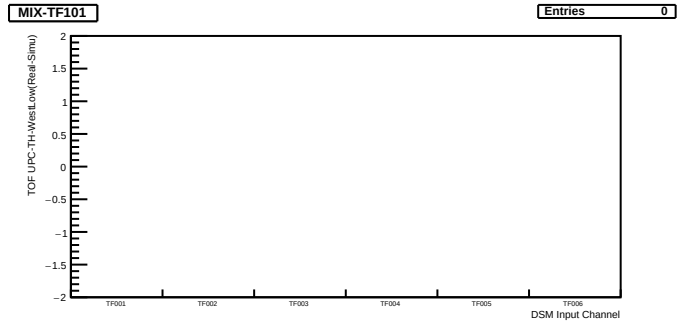

MIX-TF005
Entries 9.817046e+07
TOF MULT
TOF tray

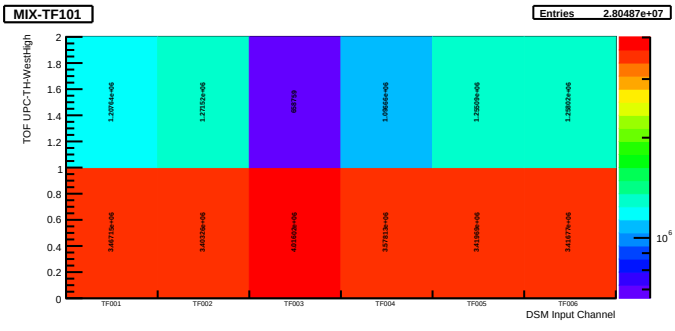

MIX-TF006
Entries 9.817046e+07
TOF MULT
TOF tray

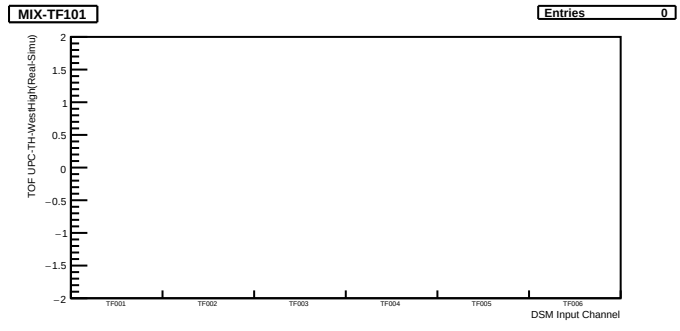

MIX-TF101
Entries 2.80487e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

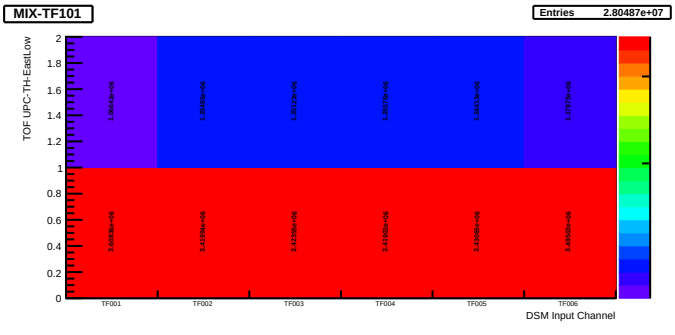

MIX-TF101
Entries 5666801
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

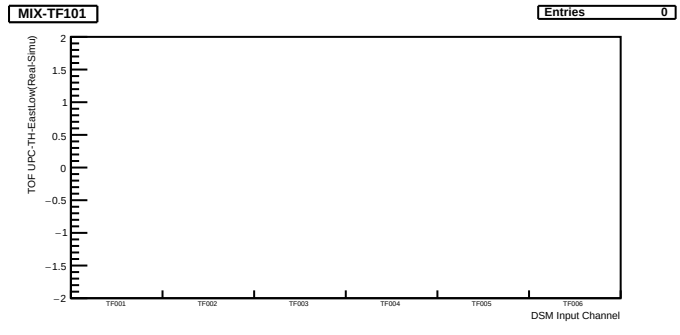

MIX-TF101
Entries 2.80487e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

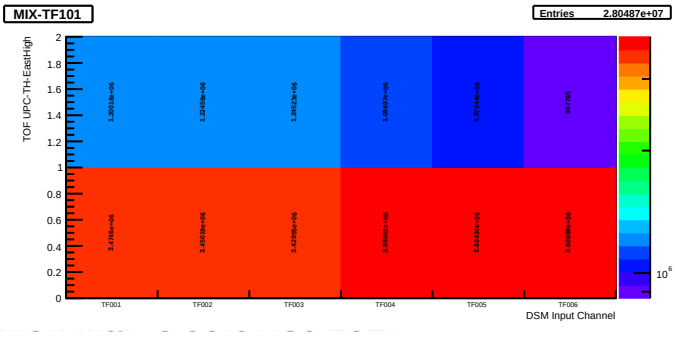

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

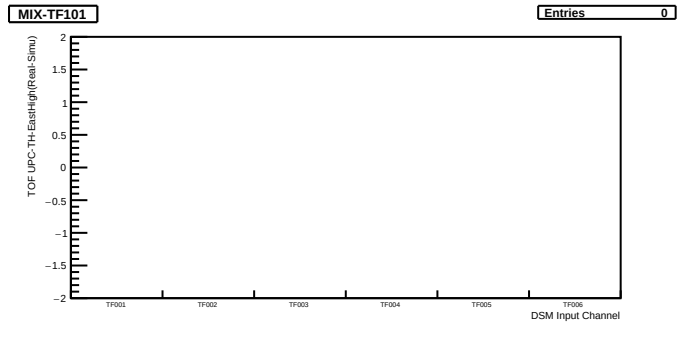

MIX-TF101
Entries 2.80487e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

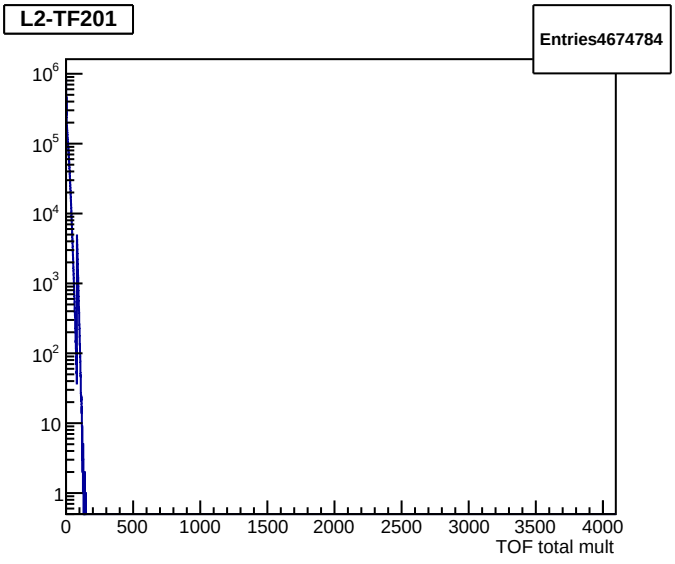

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

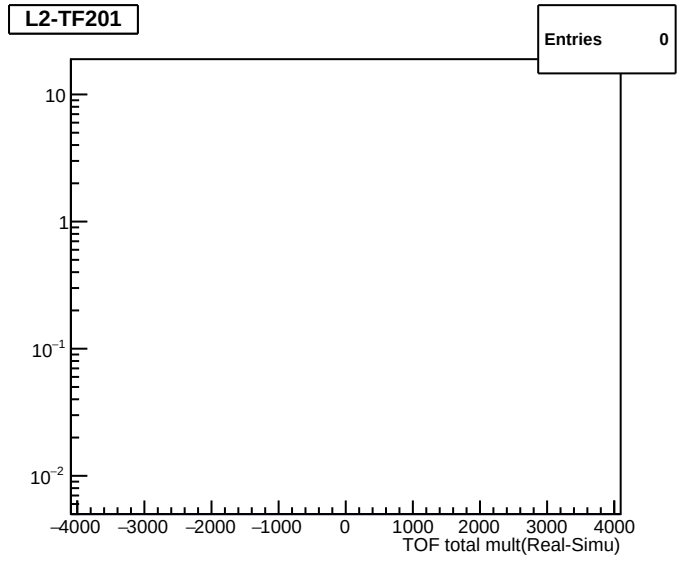

MIX-TF101
Entries 2.80487e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

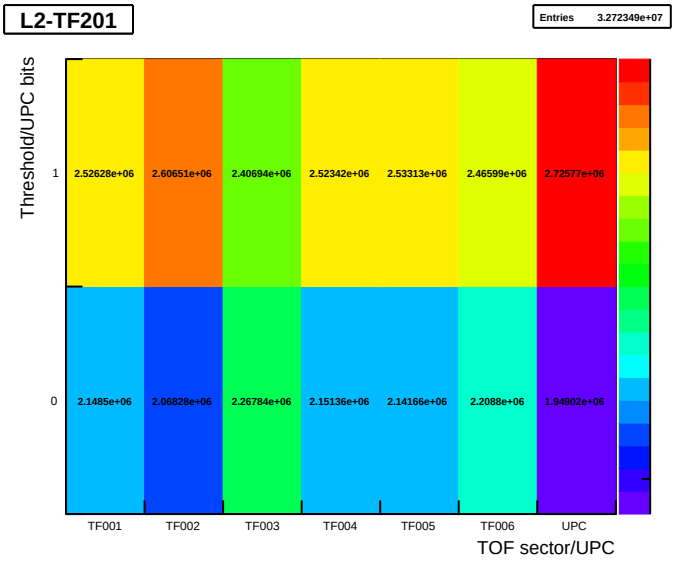

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

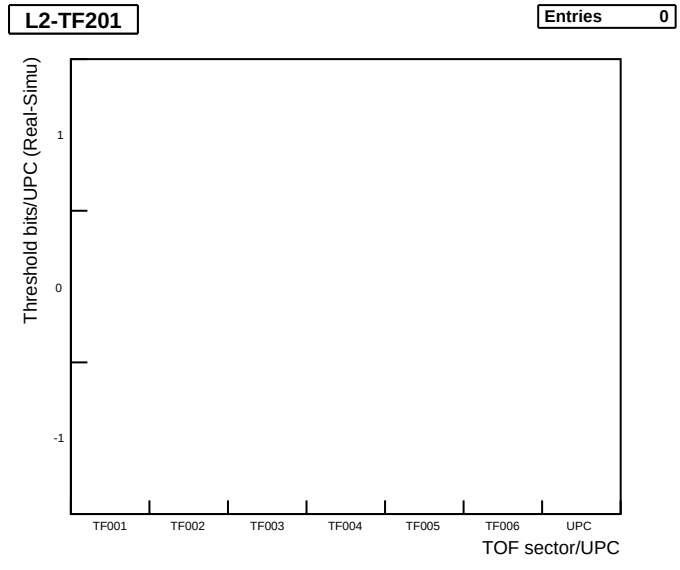

MIX-TF101
Entries 2.80487e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

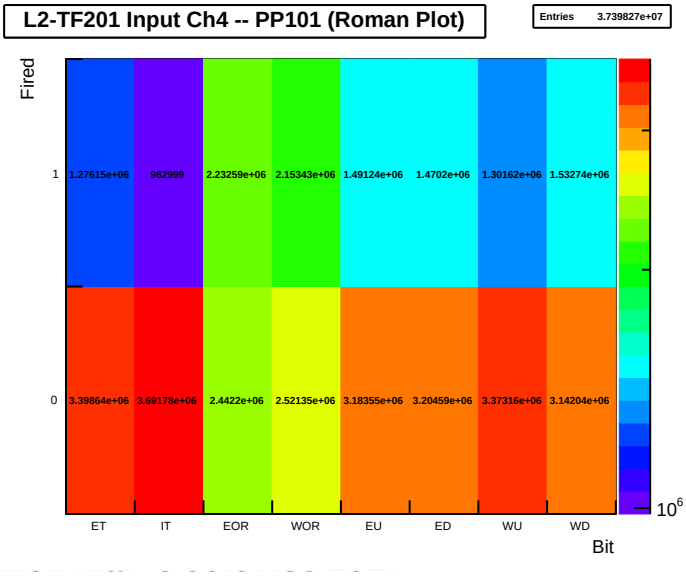

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

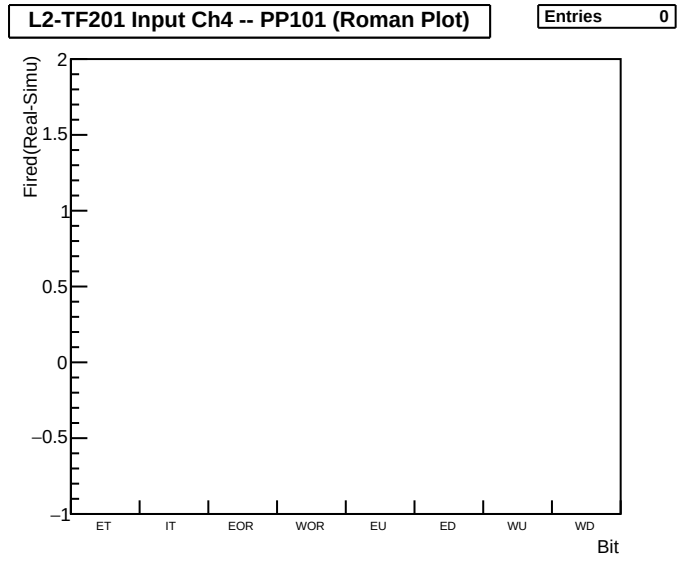

L2-TF201
Entries4674784
TOF total mult

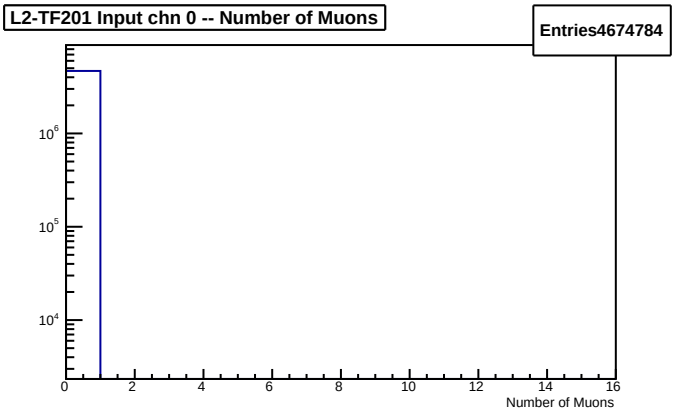

L2-TF201
Entries 0
TOF total mult(Real-Simu)

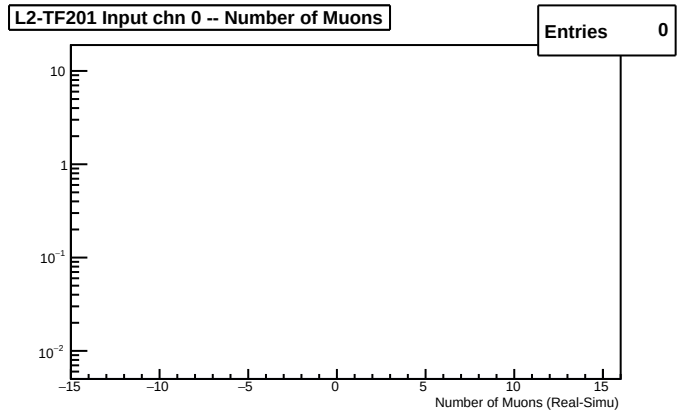

L2-TF201
Entries 3.272349e+07
Threshold/UPC bits
2.52628e+06
2.60651e+06
2.40694e+06
2.52342e+06
2.53313e+06
2.46599e+06
2.72577e+06
2.1485e+06
2.06828e+06
2.26784e+06
2.15136e+06
2.14166e+06
2.2088e+06
1.94902e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

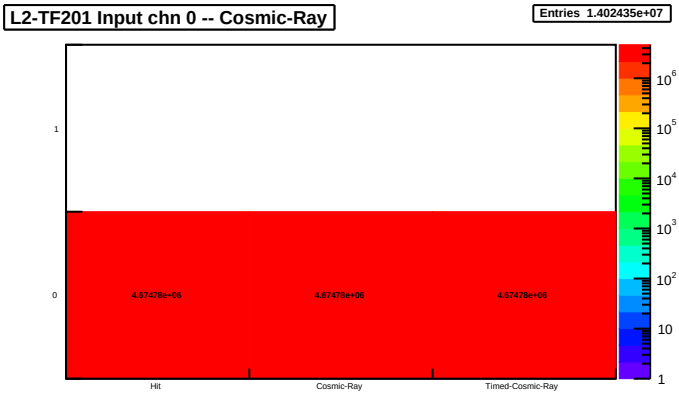

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

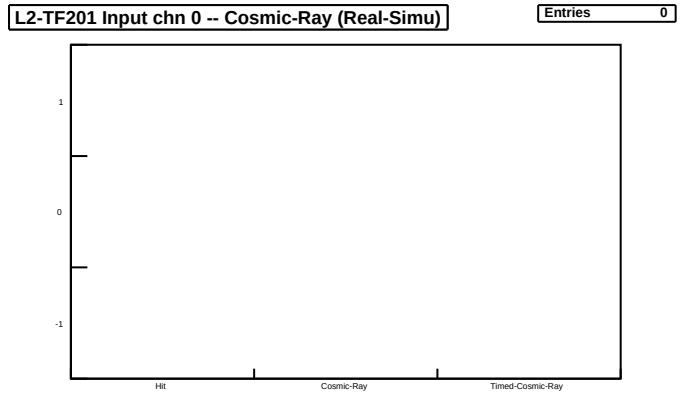

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.739827e+07
Fired
1.27615e+06
982999
2.23259e+06
2.15343e+06
1.49124e+06
1.4702e+06
1.30162e+06
1.53274e+06
3.39864e+06
3.69178e+06
2.4422e+06
2.52135e+06
3.18355e+06
3.20459e+06
3.37316e+06
3.14204e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

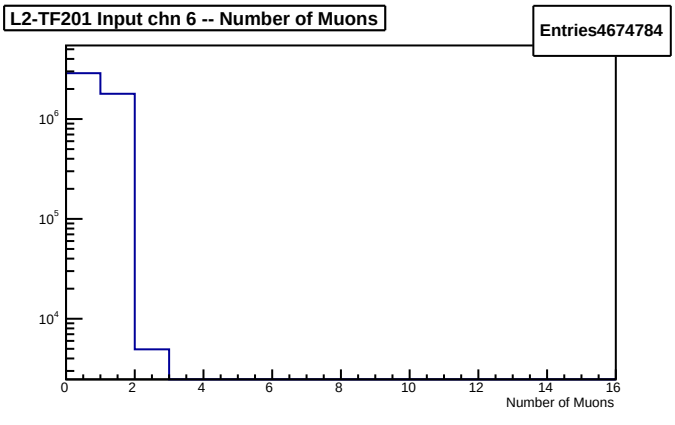

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

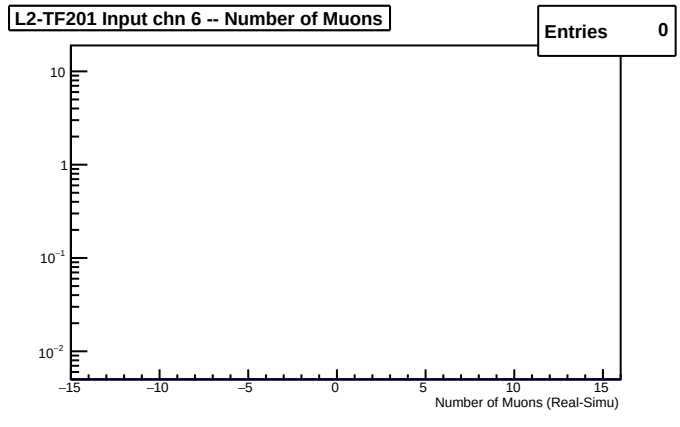

L2-TF201 Input chn 0 -- Number of Muons
Entries4674784
Number of Muons

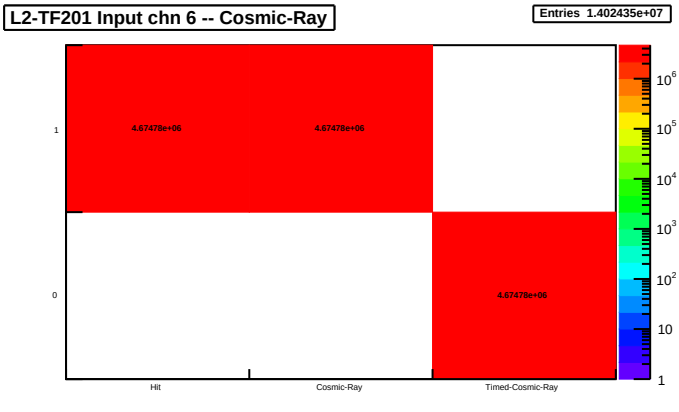

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

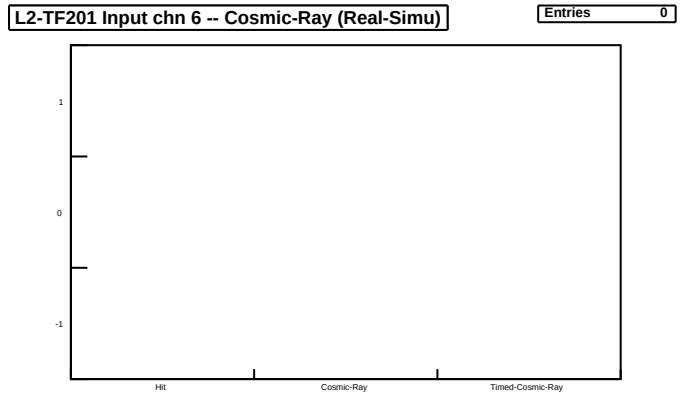

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.402435e+07
4.67478e+06
4.67478e+06
4.67478e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

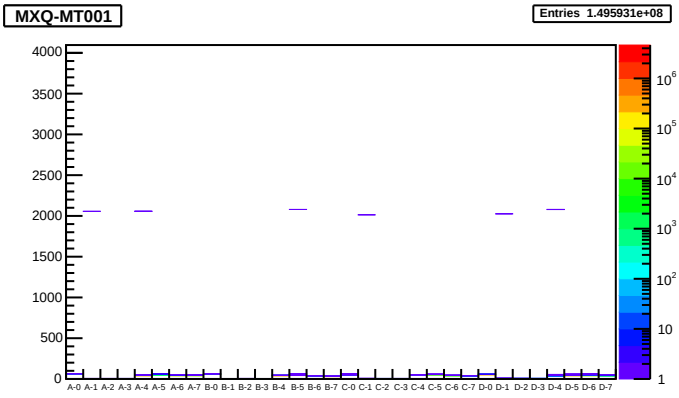

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

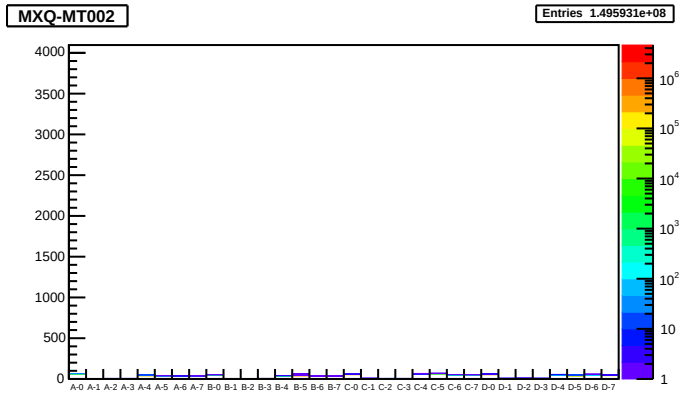

L2-TF201 Input chn 6 -- Number of Muons
Entries4674784
Number of Muons

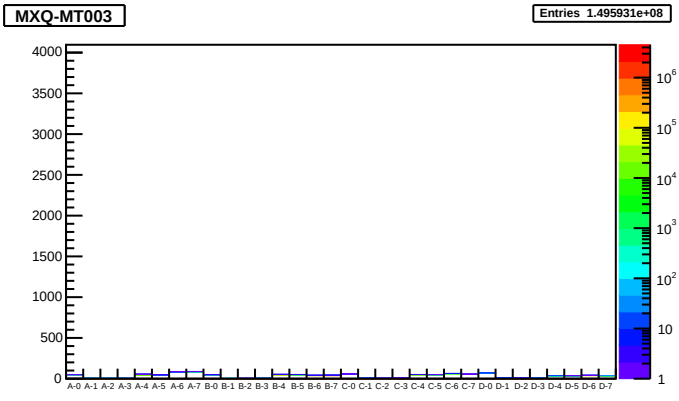

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

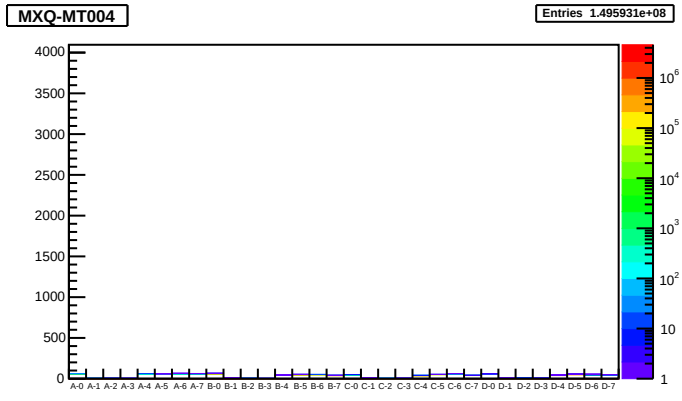

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.402435e+07
4.67478e+06
4.67478e+06
4.67478e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

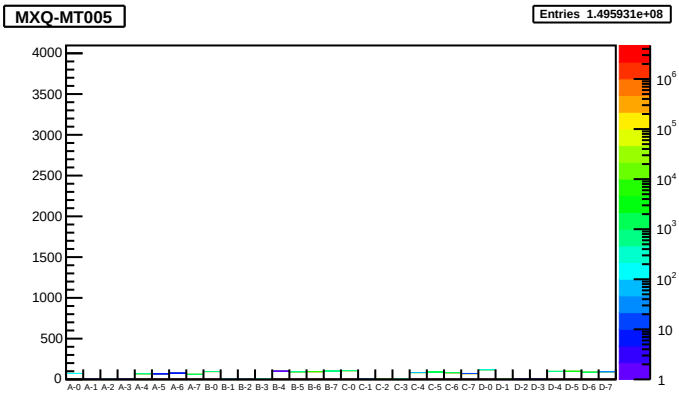

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

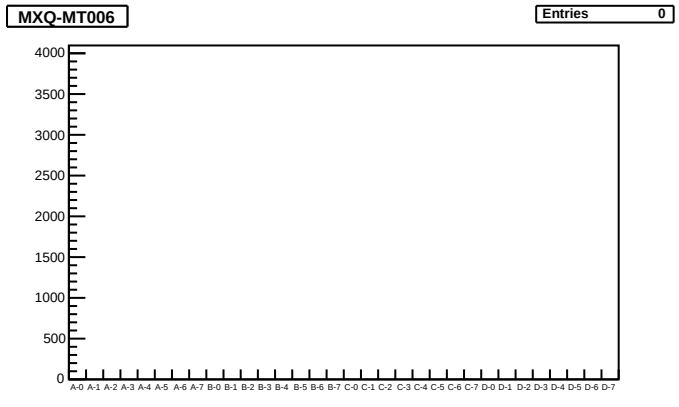

MXQ-MT001
Entries 1.495931e+08

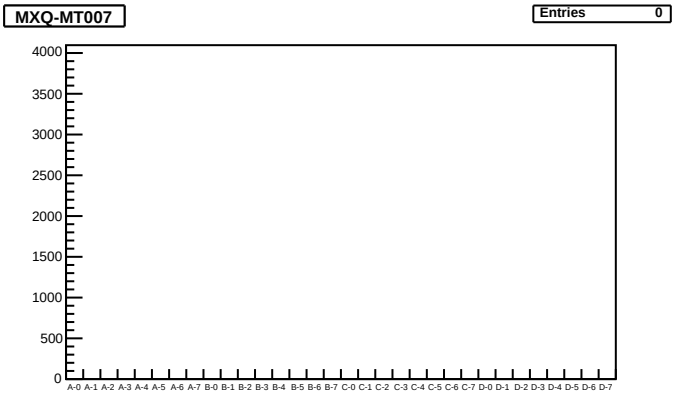

MXQ-MT002
Entries 1.495931e+08

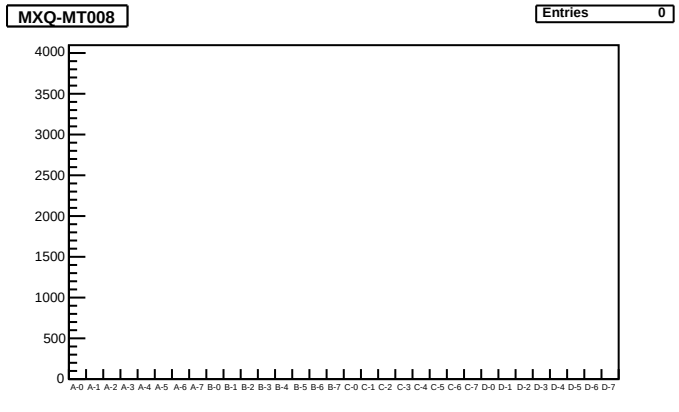

MXQ-MT003
Entries 1.495931e+08

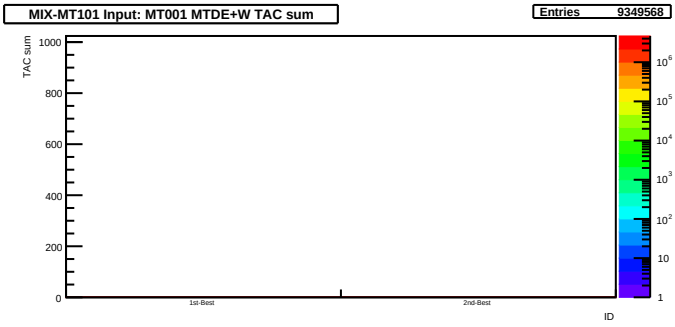

MXQ-MT004
Entries 1.495931e+08

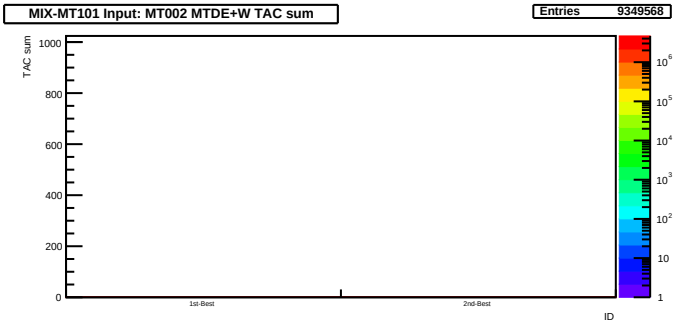

MXQ-MT005
Entries 1.495931e+08

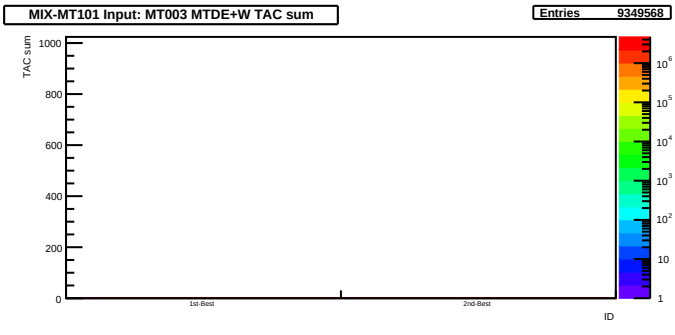

MXQ-MT006
Entries 0

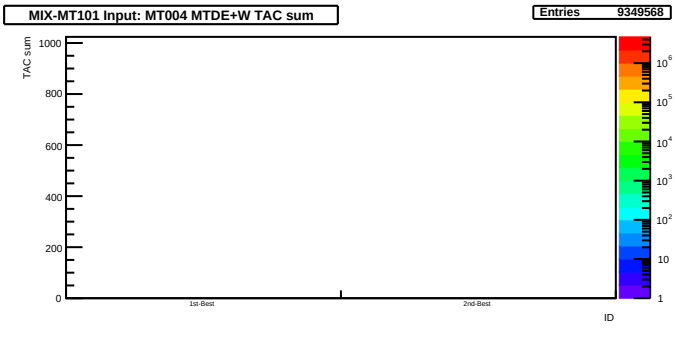

MXQ-MT007
Entries 0

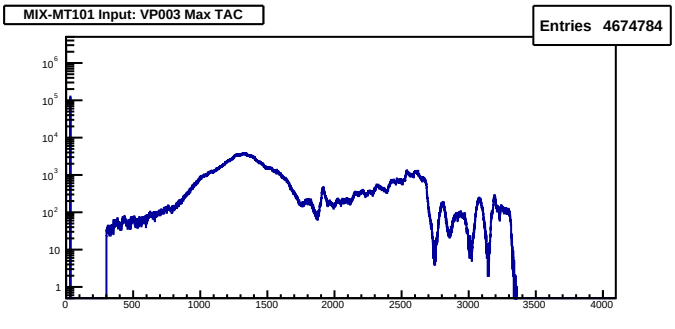

MXQ-MT008
Entries 0

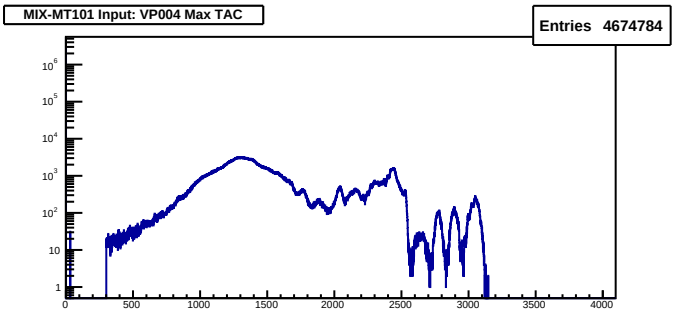

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID

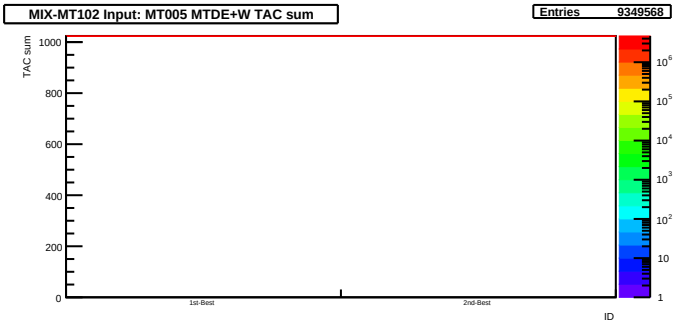

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID

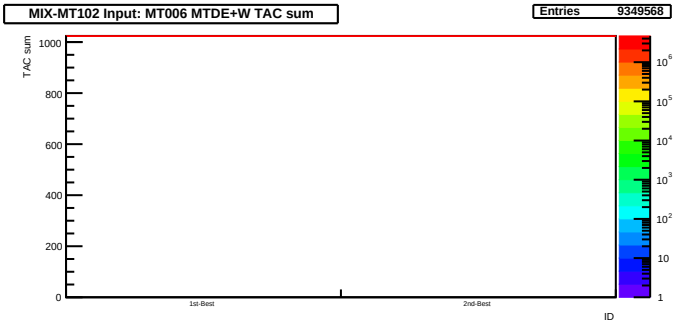

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID

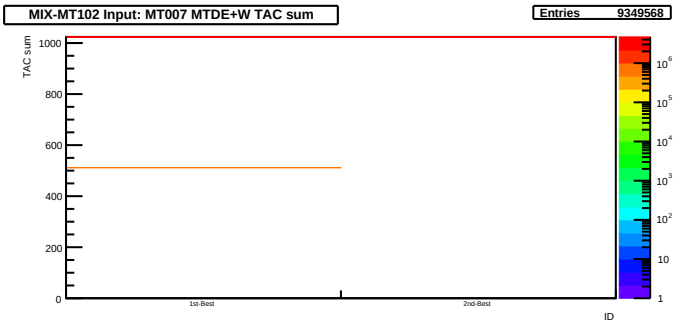

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID

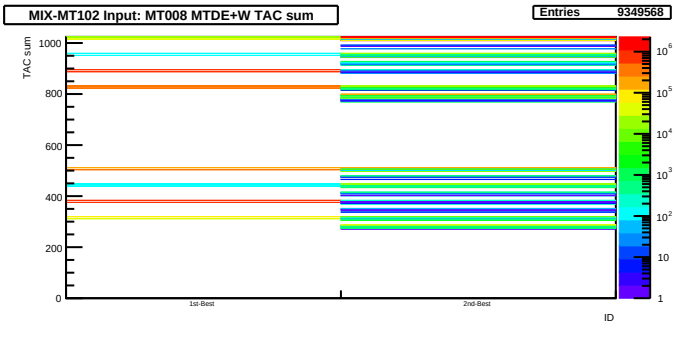

MIX-MT101 Input: VP003 Max TAC
Entries 4674784

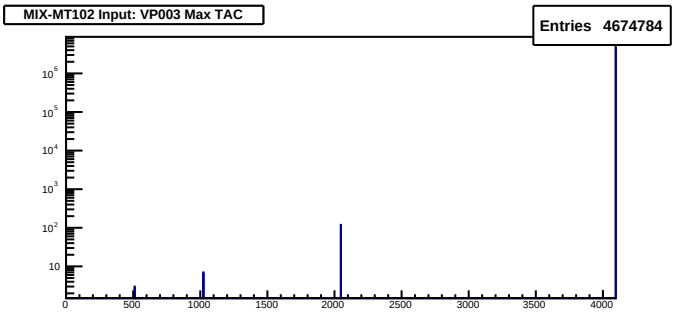

MIX-MT101 Input: VP004 Max TAC
Entries 4674784

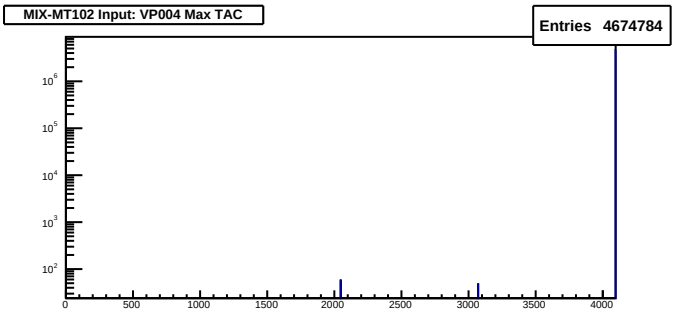

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID

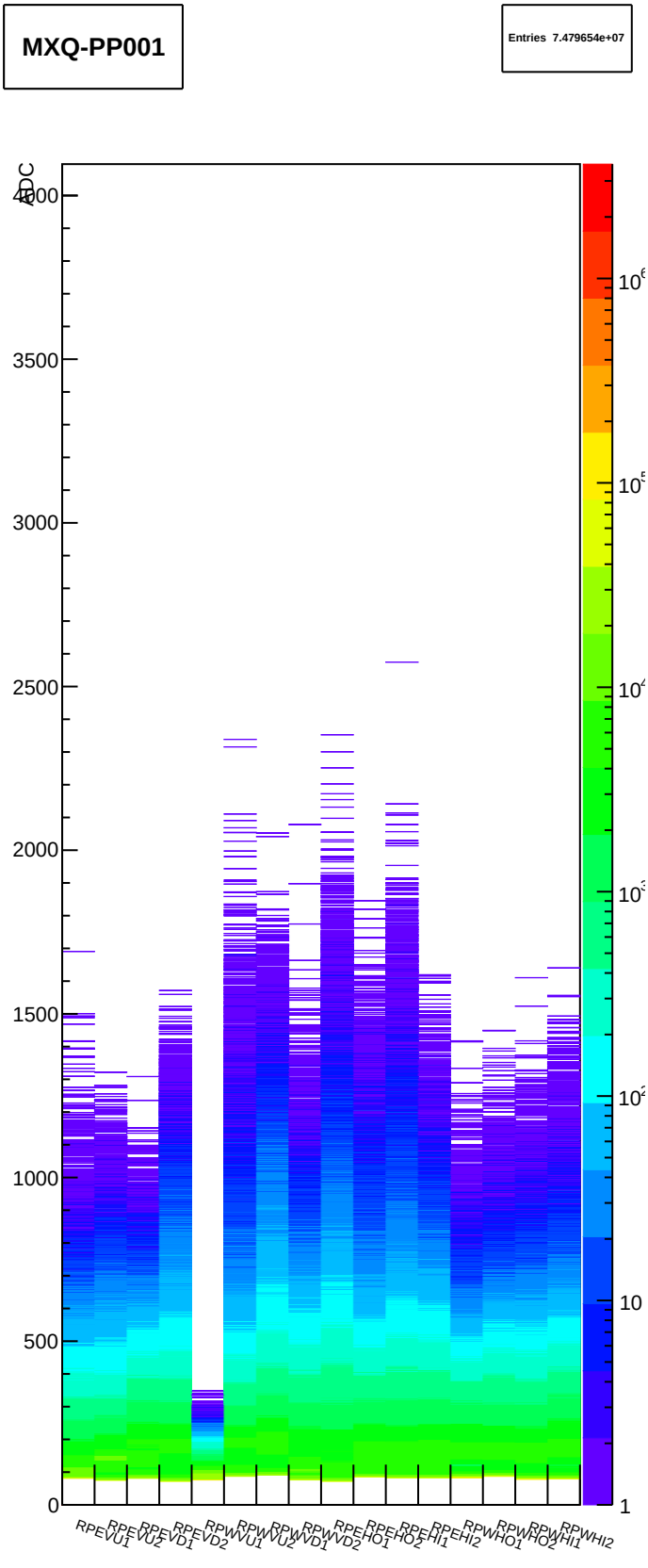

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 9349568
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 4674784


MIX-MT102 Input: VP004 Max TAC
Entries 4674784


MXQ-PP001
Entries 7.479654e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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RPWHI1
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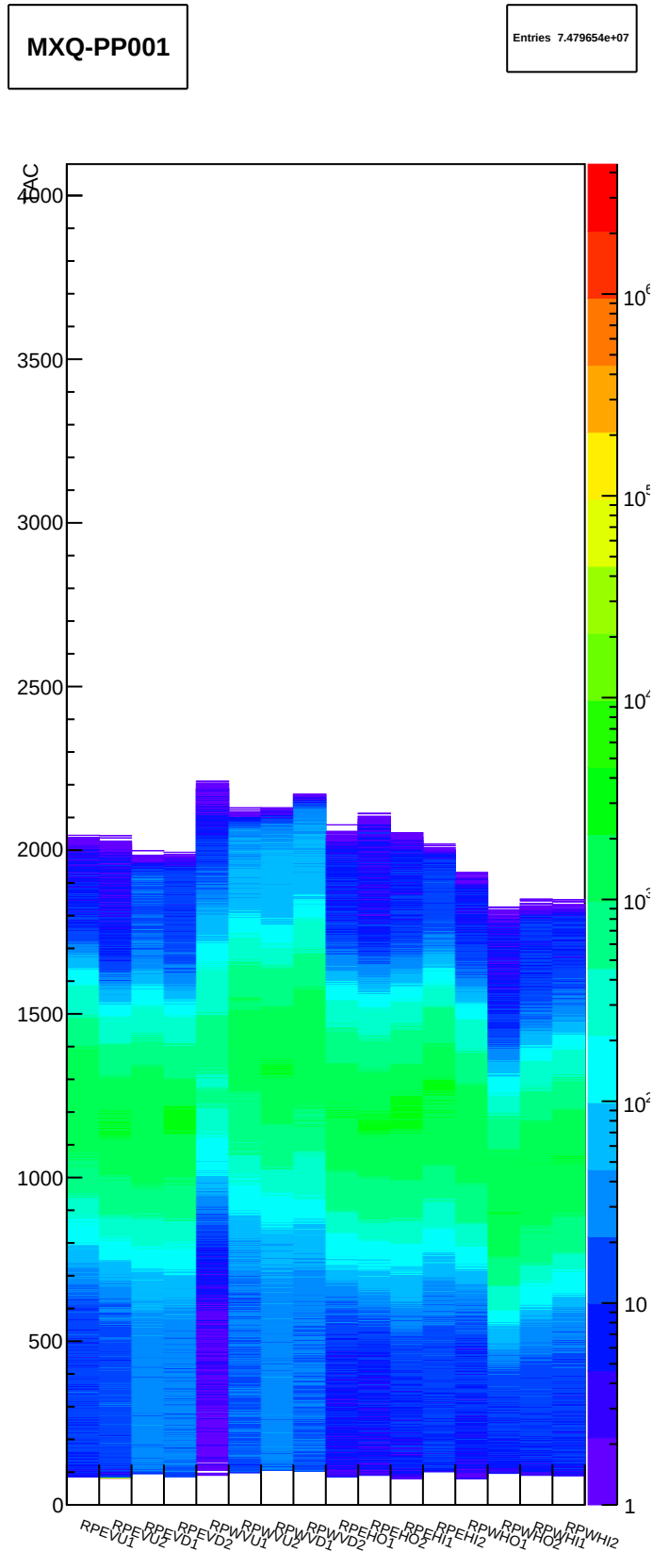
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 7.479654e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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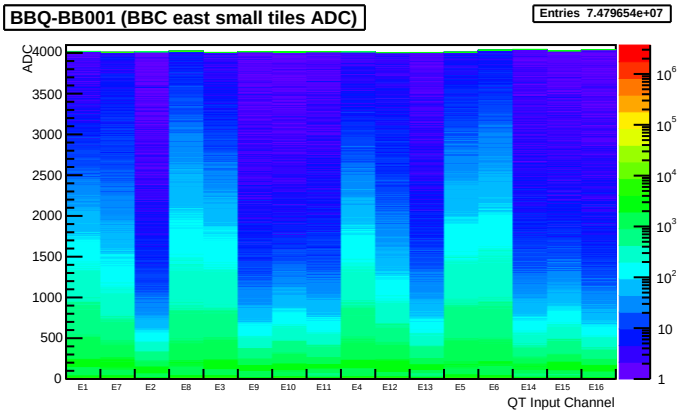
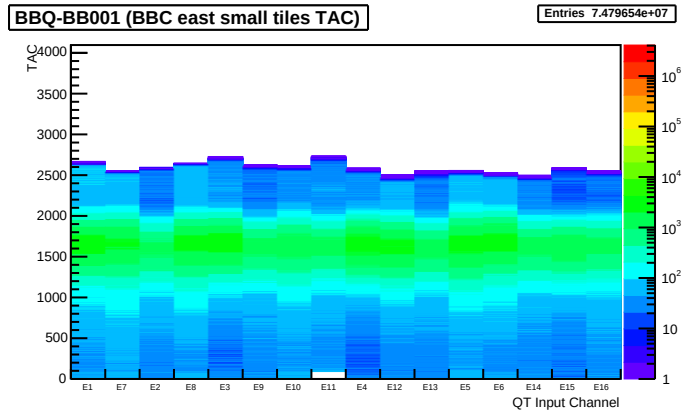
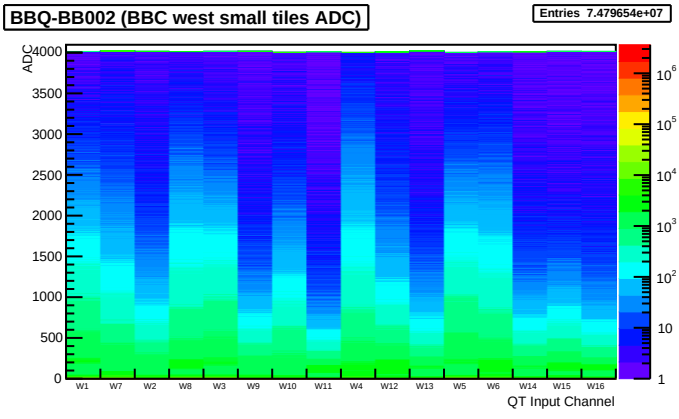
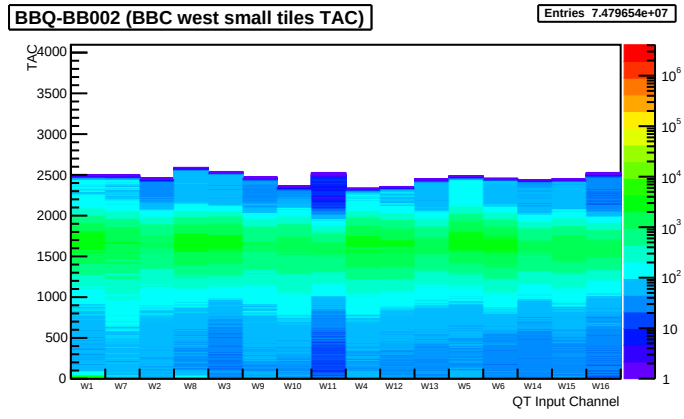
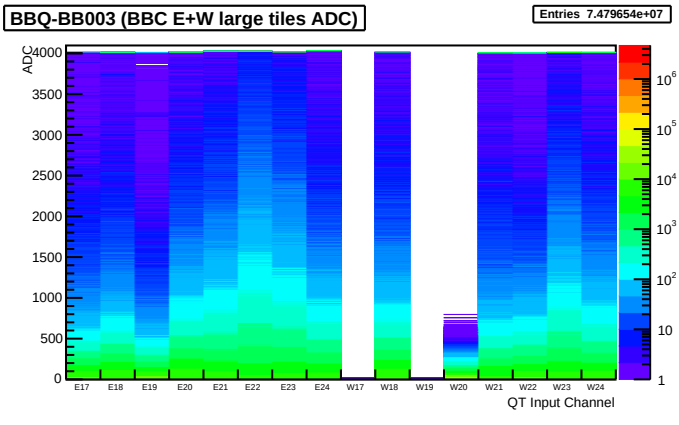
10^4
10^3
10^2
10
1

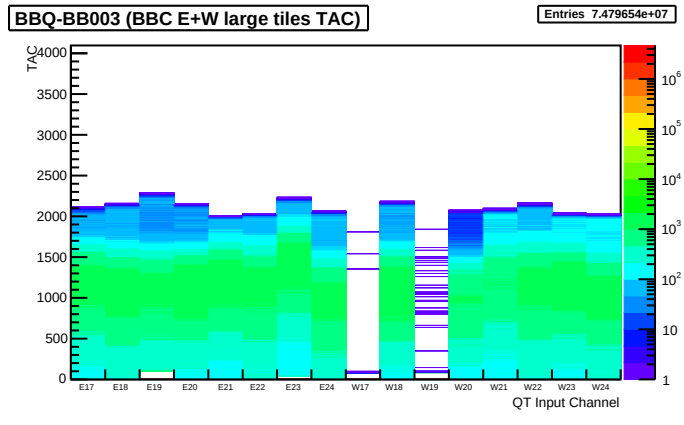

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.479654e+07
ADC
QT Input Channel

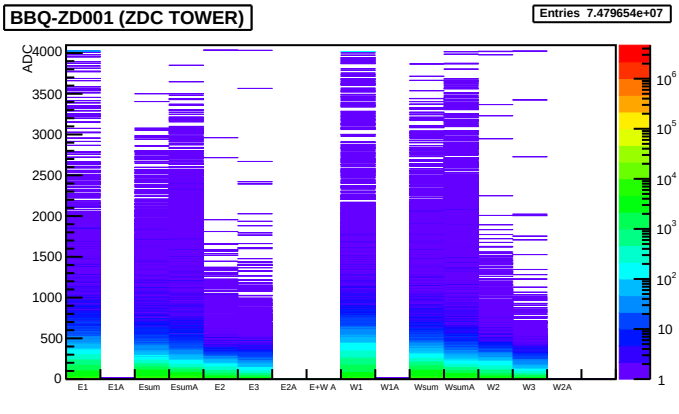

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.479654e+07
TAC
QT Input Channel

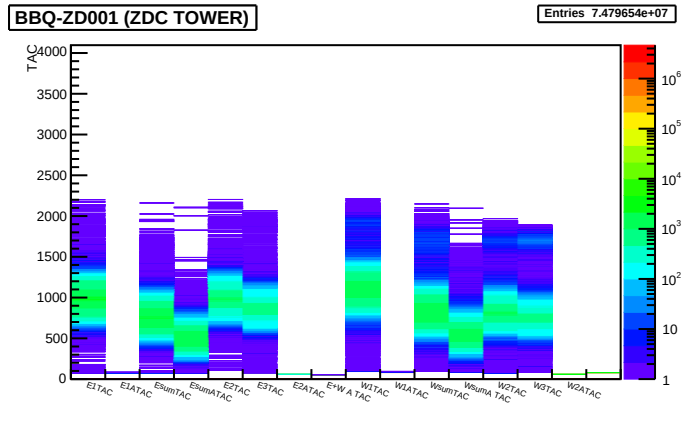

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.479654e+07
ADC
QT Input Channel

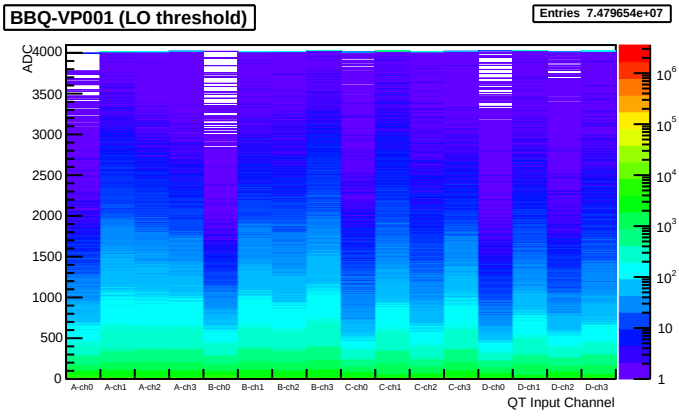

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.479654e+07
TAC
QT Input Channel

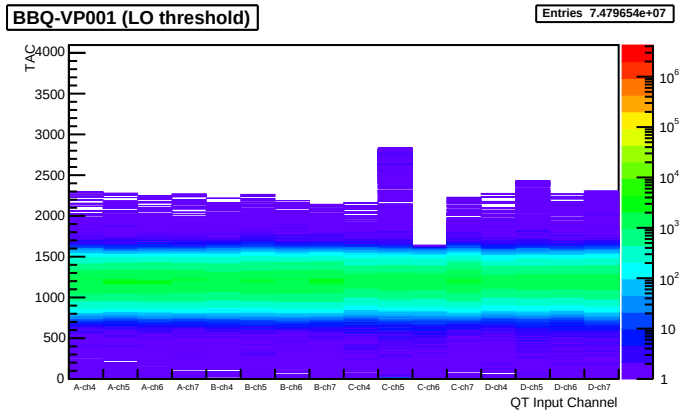

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.479654e+07
ADC
QT Input Channel

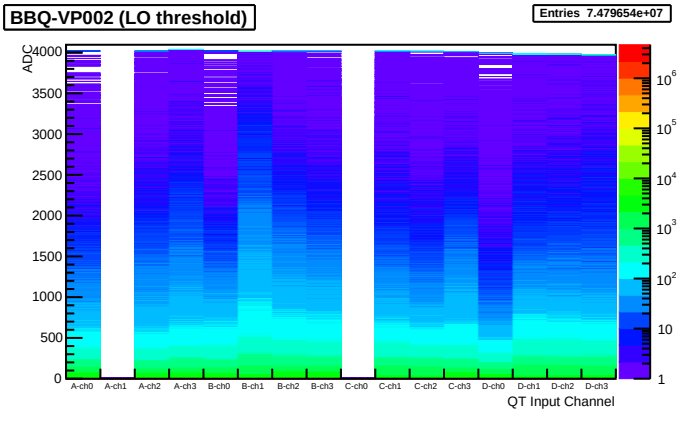

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.479654e+07
TAC
QT Input Channel

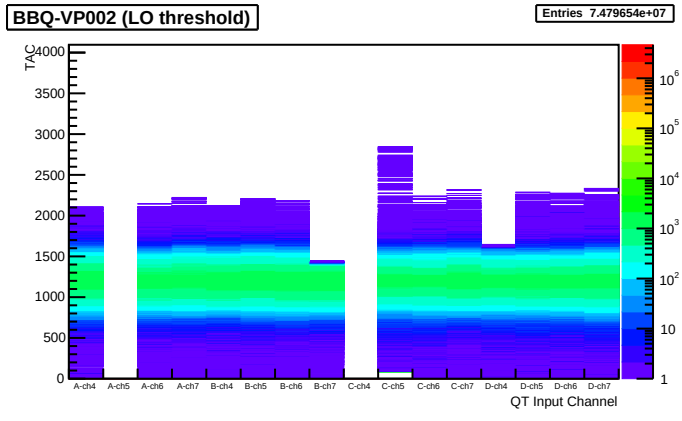

BBQ-ZD001 (ZDC TOWER)
Entries 7.479654e+07
ADC

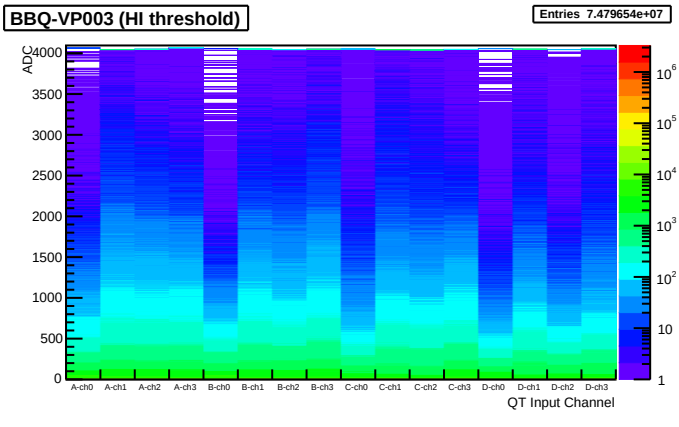

BBQ-ZD001 (ZDC TOWER)
Entries 7.479654e+07
TAC

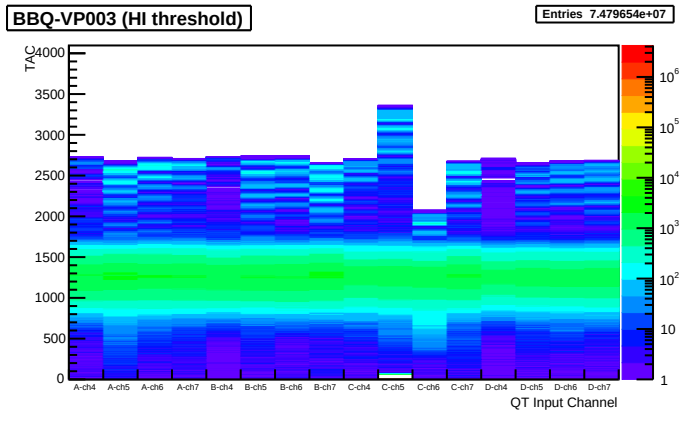

BBQ-VP001 (LO threshold)
Entries 7.479654e+07
ADC
QT Input Channel

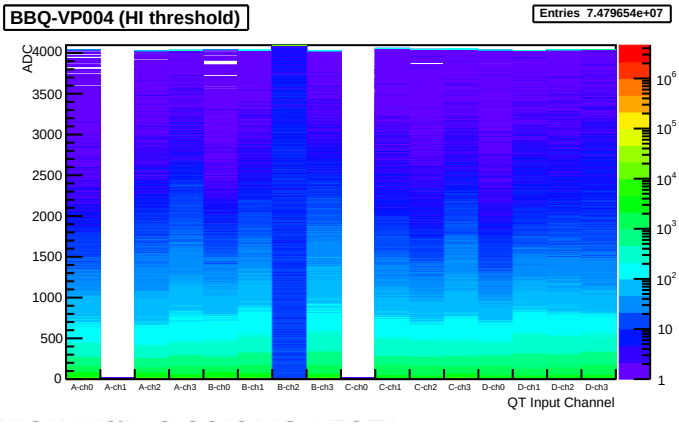

BBQ-VP001 (LO threshold)
Entries 7.479654e+07
TAC
QT Input Channel

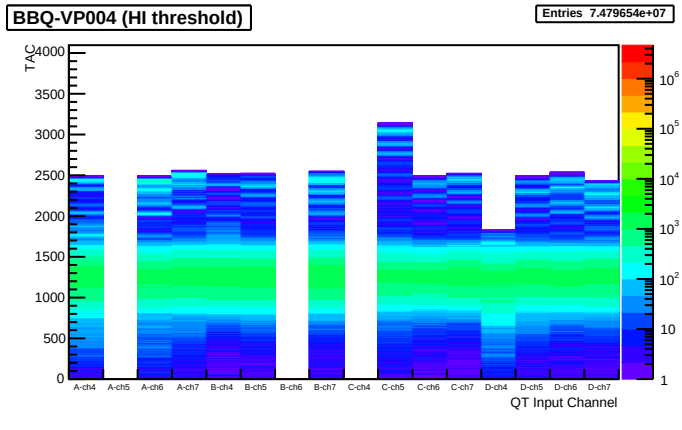

BBQ-VP002 (LO threshold)
Entries 7.479654e+07
ADC
QT Input Channel

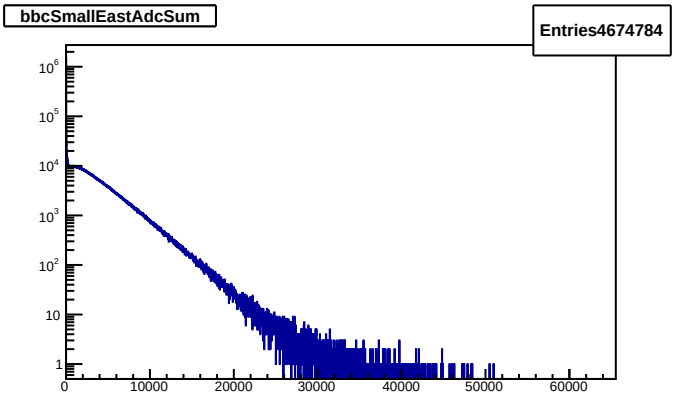

BBQ-VP002 (LO threshold)
Entries 7.479654e+07
TAC
QT Input Channel

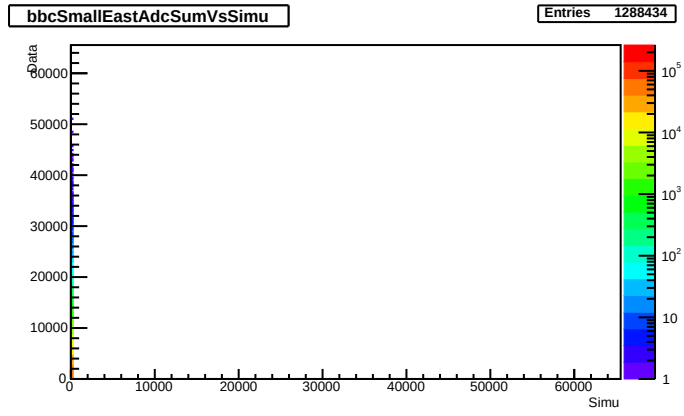

BBQ-VP003 (HI threshold)
Entries 7.479654e+07
ADC
QT Input Channel

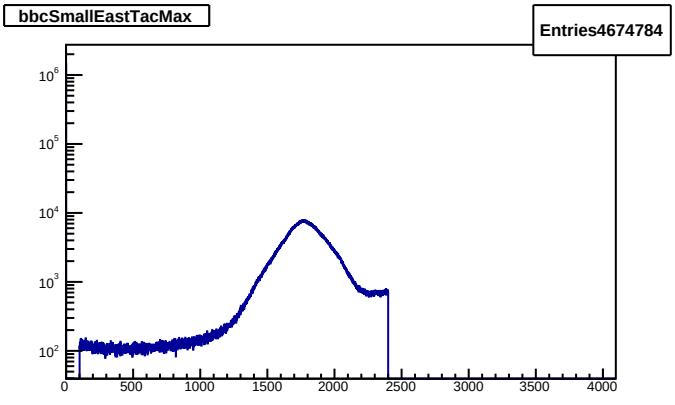

BBQ-VP003 (HI threshold)
Entries 7.479654e+07
TAC
QT Input Channel

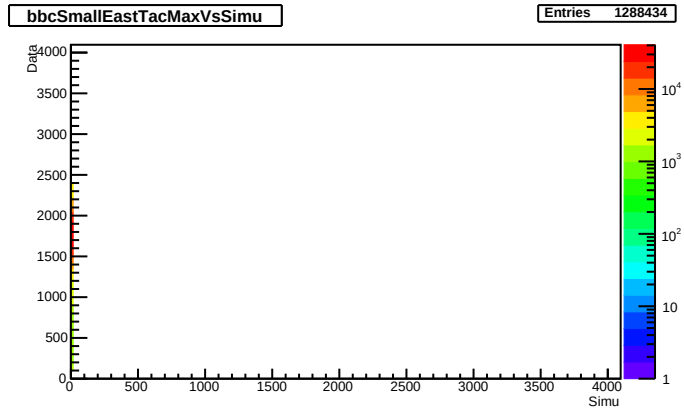

BBQ-VP004 (HI threshold)
Entries 7.479654e+07
ADC
QT Input Channel

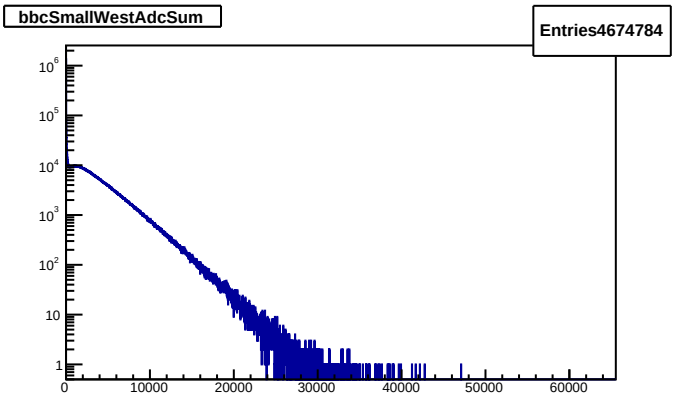

BBQ-VP004 (HI threshold)
Entries 7.479654e+07
TAC
QT Input Channel

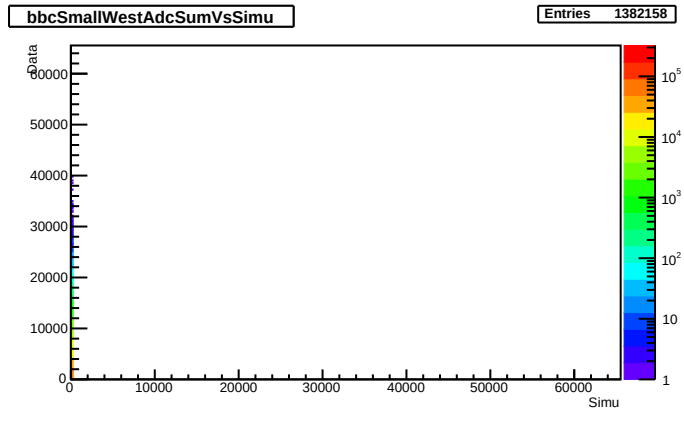

bbcSmallEastAdcSum
Entries4674784

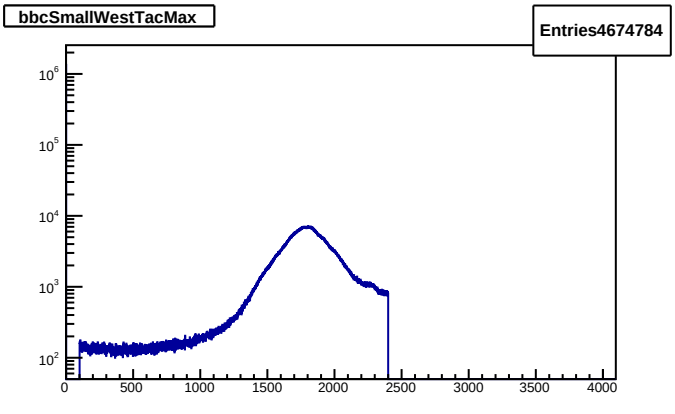

bbcSmallEastAdcSumVsSimu
Entries 1288434
Data
Simu

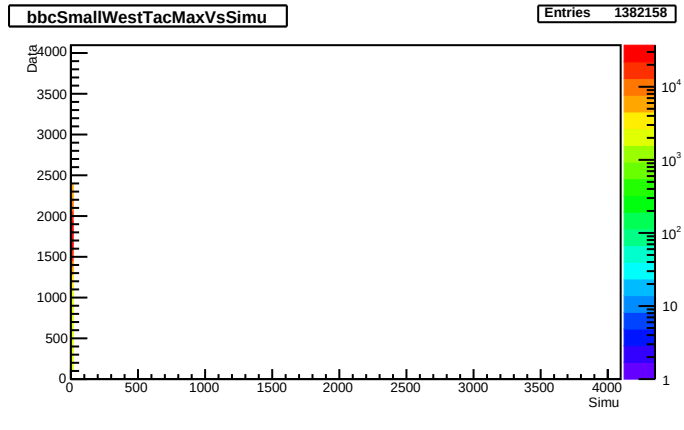

bbcSmallEastTacMax
Entries4674784

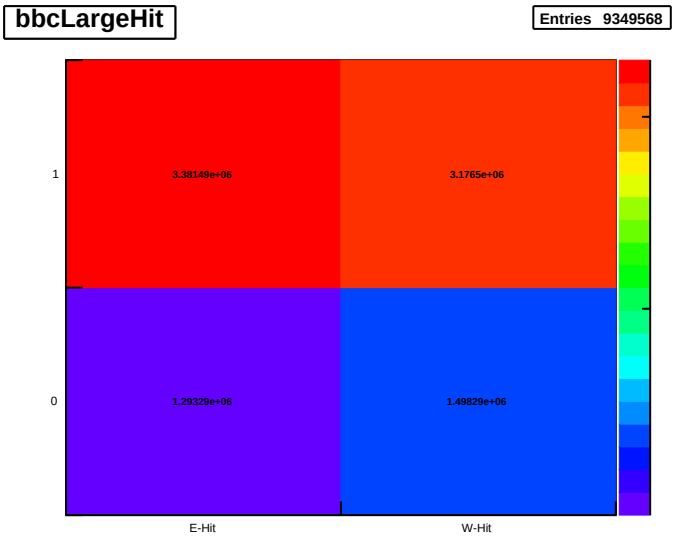

bbcSmallEastTacMaxVsSimu
Entries 1288434
Data
Simu

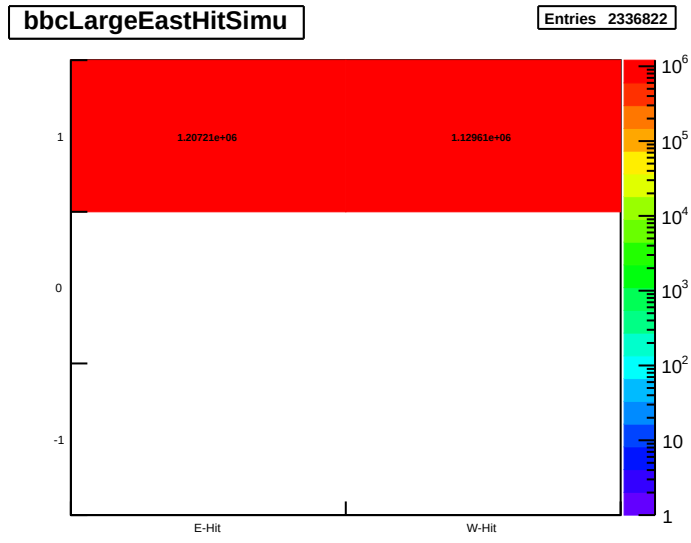

bbcSmallWestAdcSum
Entries4674784

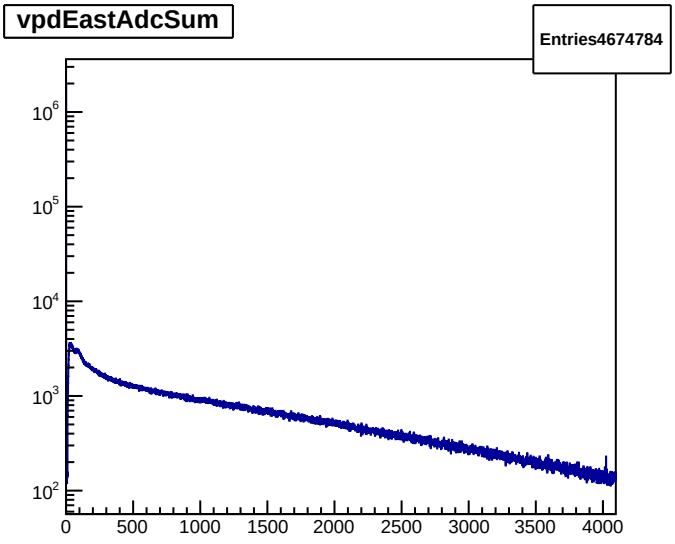

bbcSmallWestAdcSumVsSimu
Entries 1382158
Data
Simu

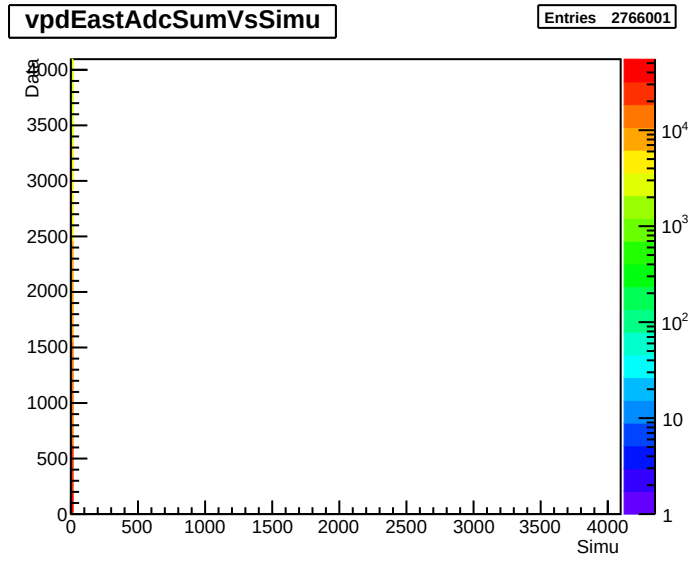

bbcSmallWestTacMax
Entries4674784

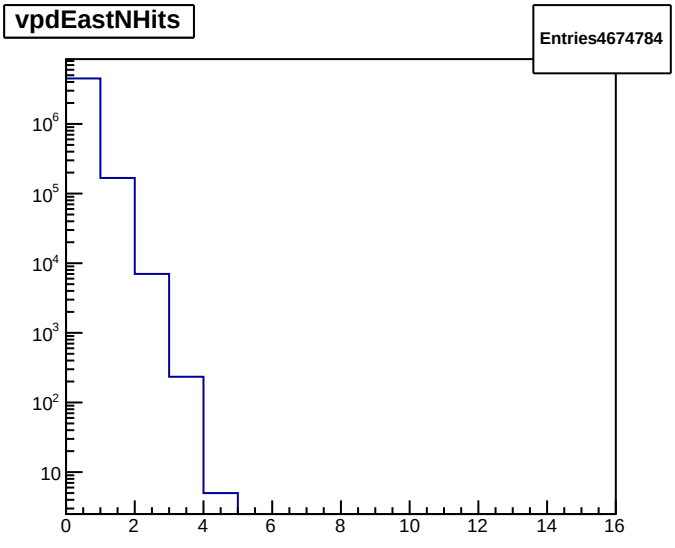

bbcSmallWestTacMaxVsSimu
Entries 1382158
Data
Simu

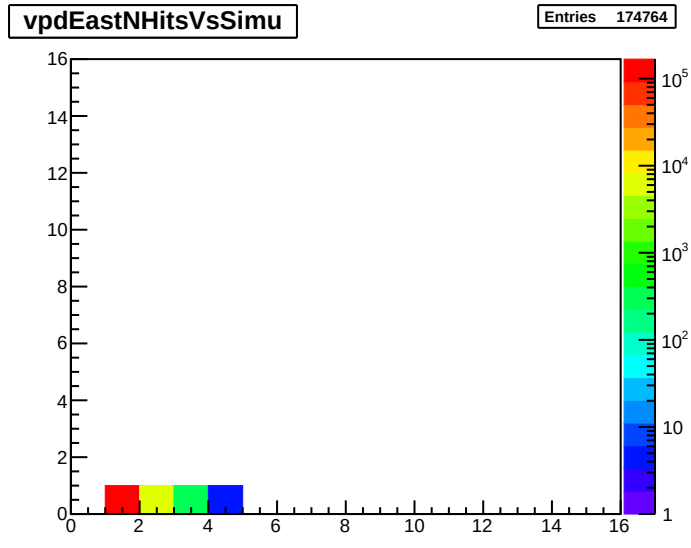

bbcLargeHit
Entries 9349568
1
0
3.38149e+06
3.1765e+06
1.29329e+06
1.49829e+06
E-Hit
W-Hit

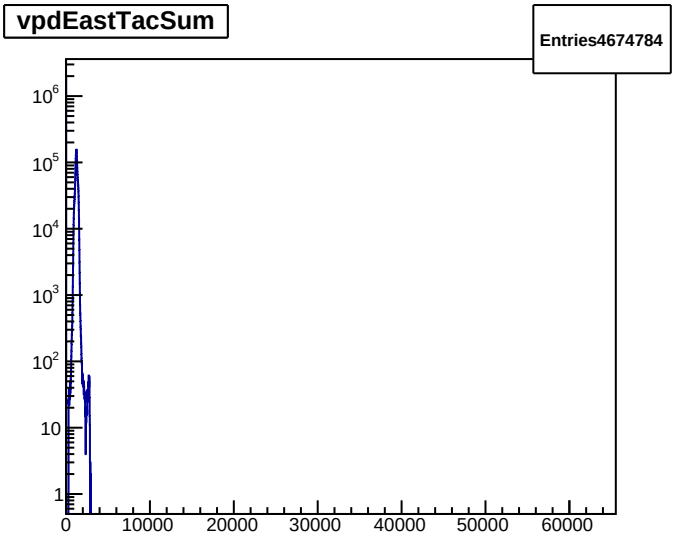

bbcLargeEastHitSimu
Entries 2336822
1
0
-1
1.20721e+06
1.12961e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

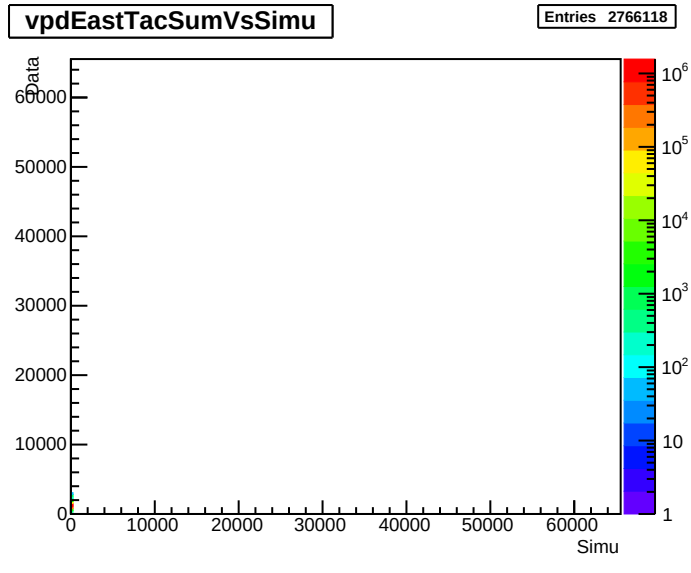

vpdEastAdcSum
Entries4674784

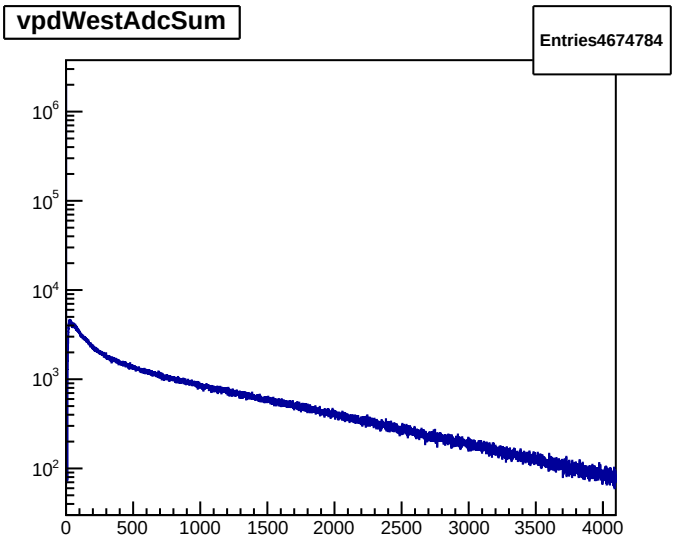

vpdEastAdcSumVsSimu
Entries 2766001
Data
Simu

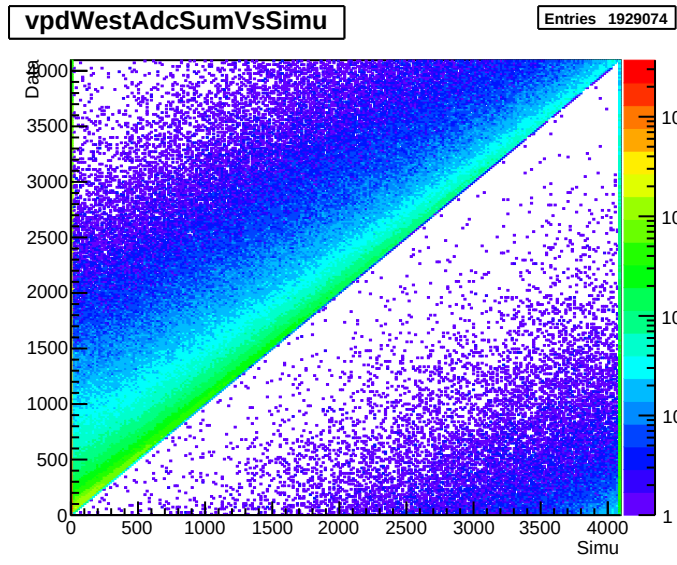

vpdEastNHits
Entries4674784

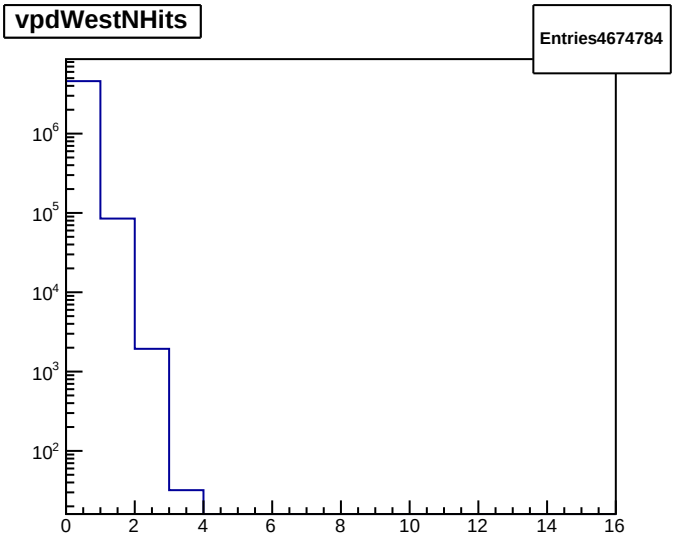

vpdEastNHitsVsSimu
Entries 174764

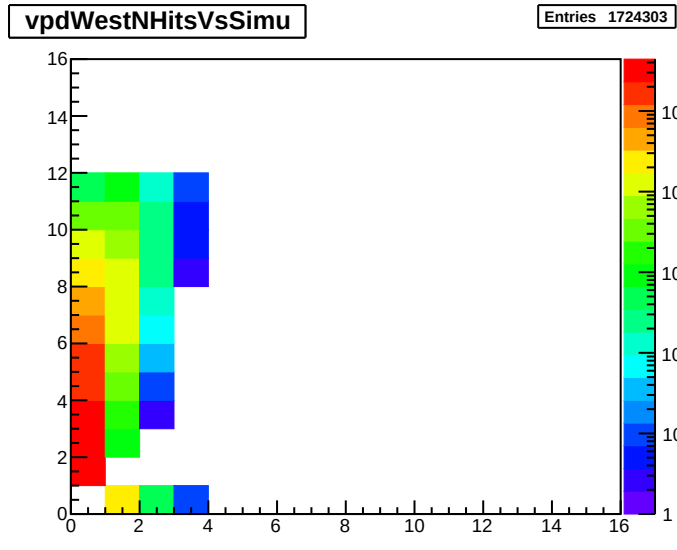

vpdEastTacSum
Entries4674784

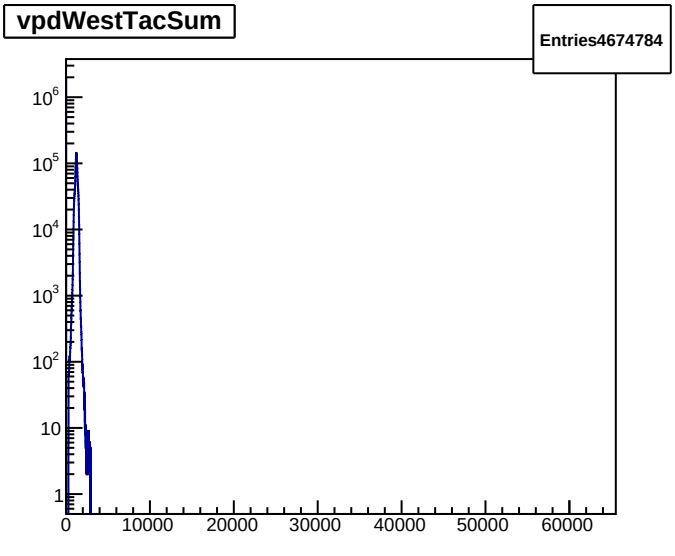

vpdEastTacSumVsSimu
Entries 2766118
Data
Simu

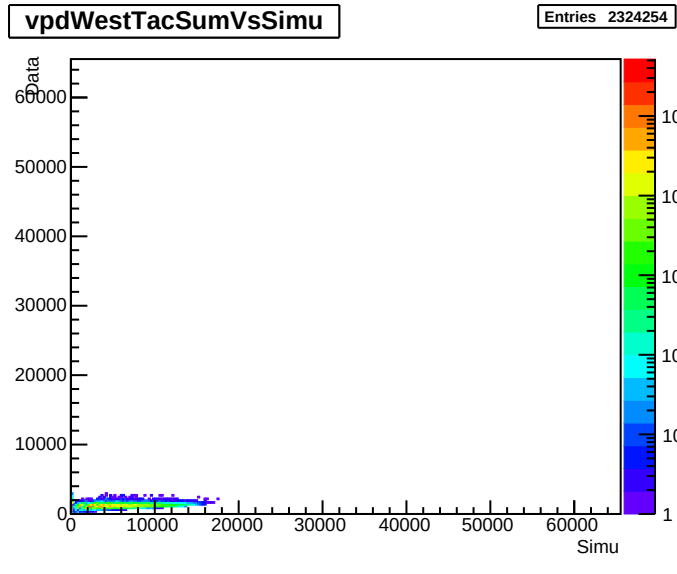

vpdWestAdcSum
Entries4674784

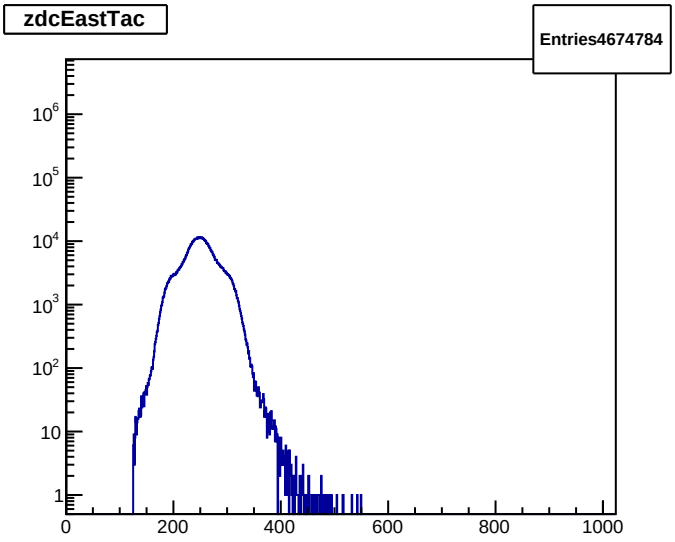

vpdWestAdcSumVsSimu
Entries 1929074
Data
Simu

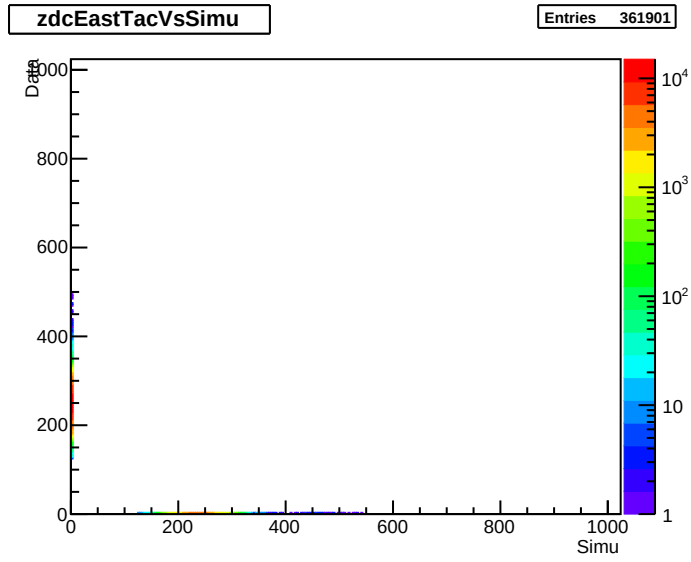

vpdWestNHits
Entries4674784

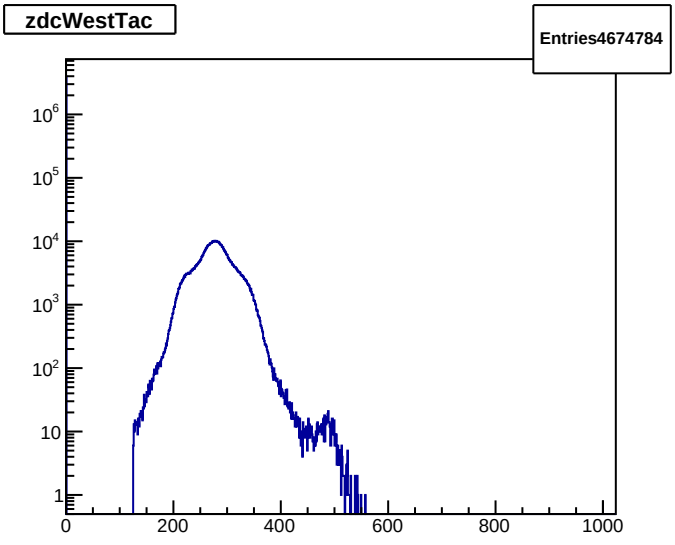

vpdWestNHitsVsSimu
Entries 1724303

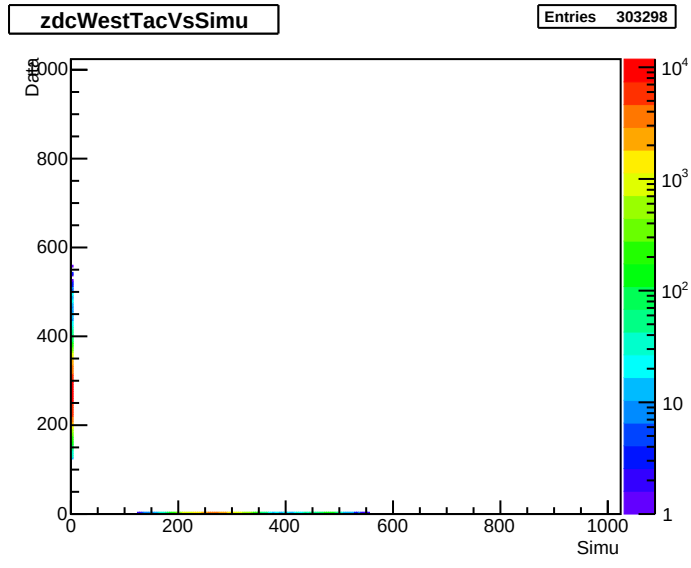

vpdWestTacSum
Entries4674784

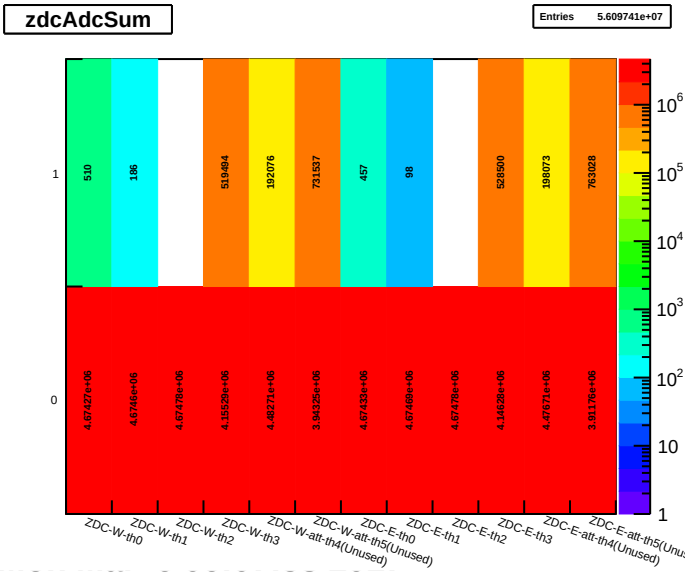

vpdWestTacSumVsSimu
Entries 2324254
Data
Simu

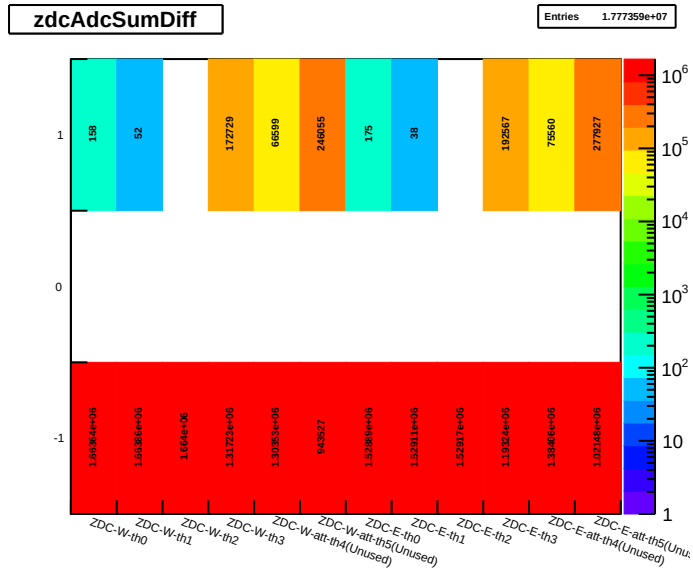

zdcEastTac
Entries4674784

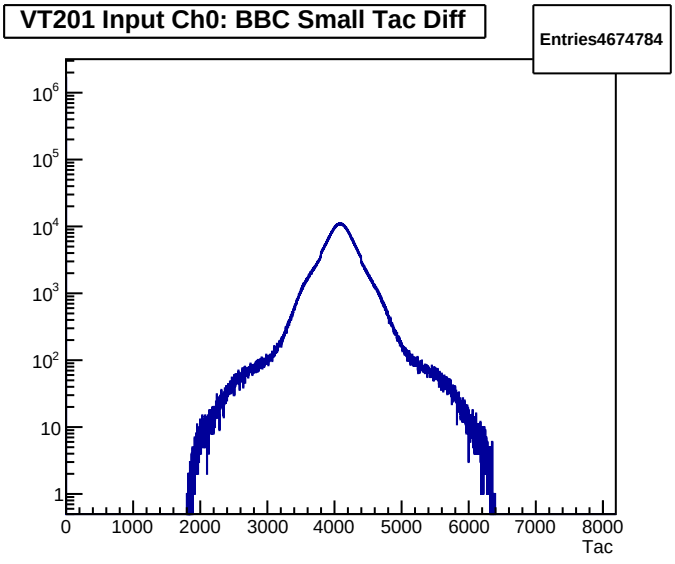

zdcEastTacVsSimu
Entries 361901
Data
Simu

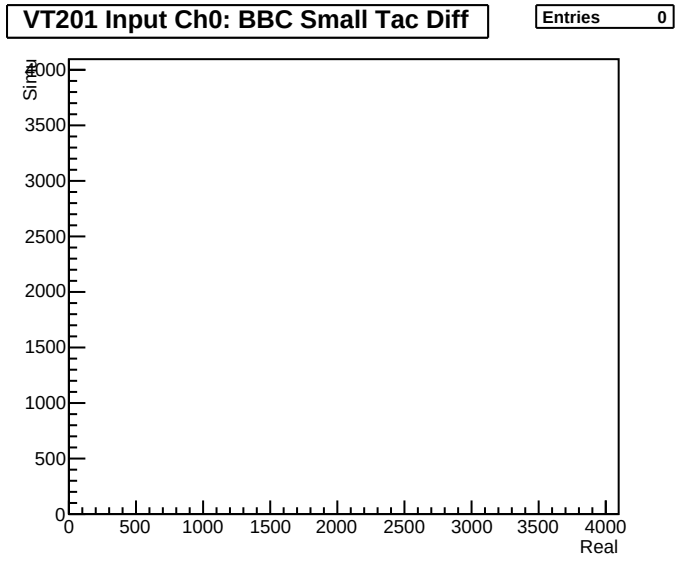

zdcWestTac
Entries4674784

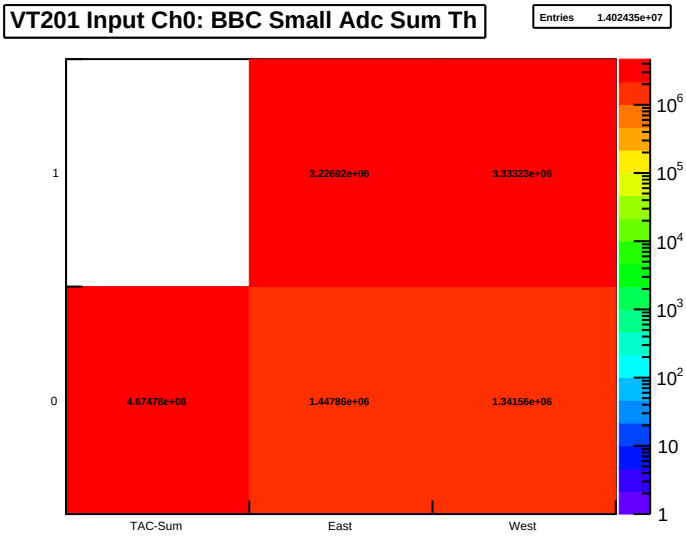

zdcWestTacVsSimu
Entries 303298
Data
Simu

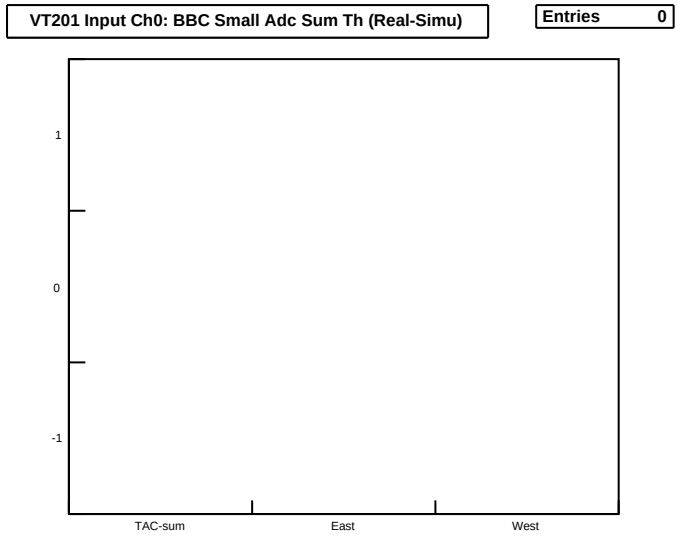

zdcAdcSum
Entries 5.609741e+07
510
186
519494
192076
731537
457
98
528500
198073
763028
4.67427e+06
4.6746e+06
4.67478e+06
4.15529e+06
4.48271e+06
3.94325e+06
4.67433e+06
4.67468e+06
4.67478e+06
4.14628e+06
4.47671e+06
3.91176e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

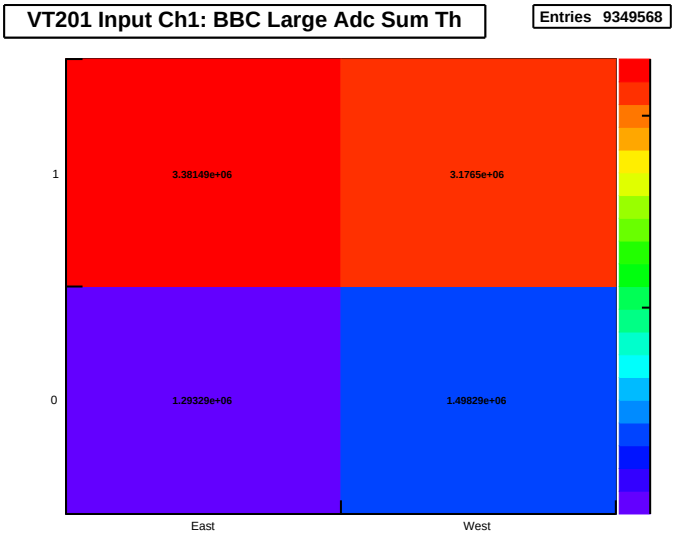

zdcAdcSumDiff
Entries 1.777359e+07
158
52
172729
66599
246055
175
38
192567
79560
277927
1.66354e+06
1.66386e+06
1.664e+06
1.31723e+06
1.30353e+06
943527
1.52889e+06
1.52911e+06
1.52917e+06
1.19324e+06
1.38406e+06
1.02148e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

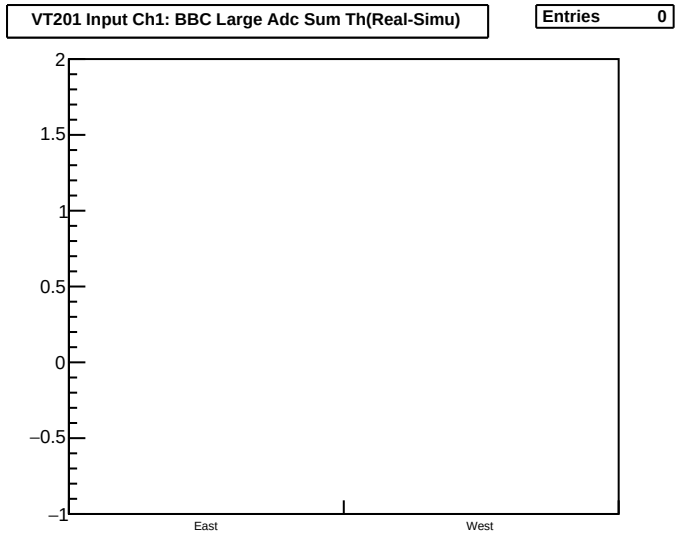

VT201 Input Ch0: BBC Small Tac Diff
Entries4674784
Tac


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

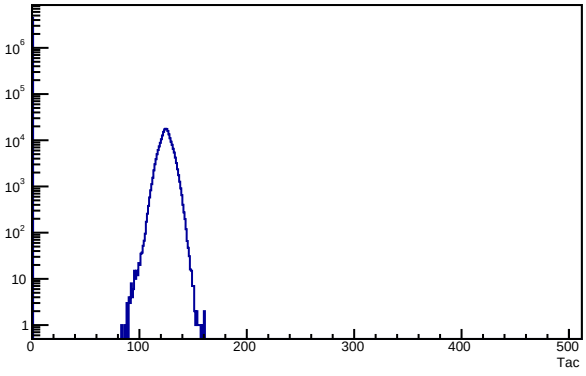

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.402435e+07
3.22692e+06
3.33323e+06
4.67478e+06
1.44786e+06
1.34156e+06
TAC-Sum
East
West


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

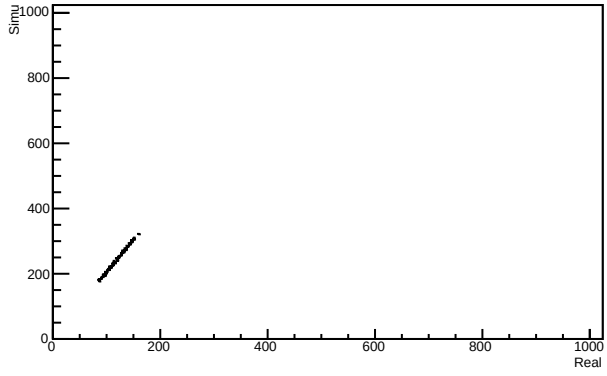

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9349568
3.38149e+06
3.1765e+06
1.29329e+06
1.49829e+06
East
West


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

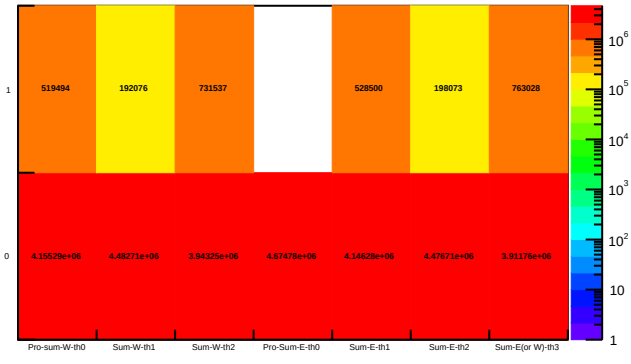
VT201 Input Ch2: ZDC Tac Diff



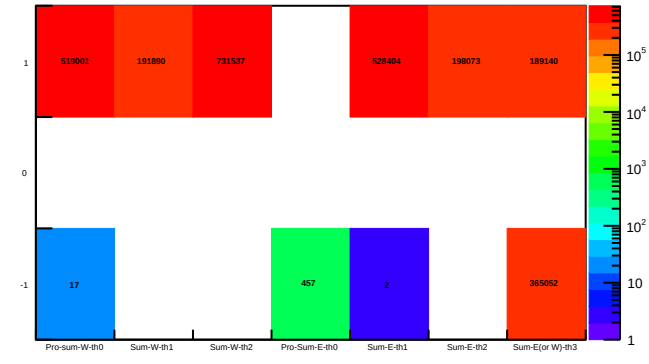
VT201 Input Ch2: ZDC Tac Diff



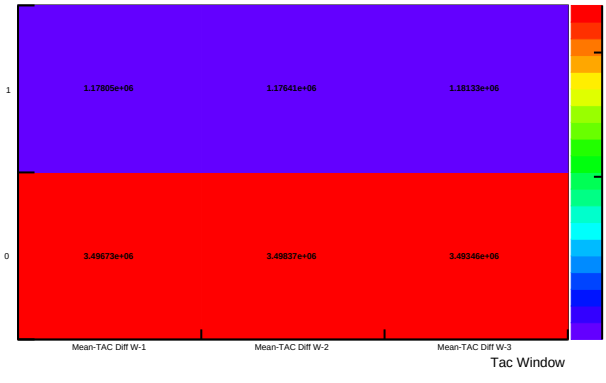
VT201 Input Ch2: ZDC Adc Sum Th



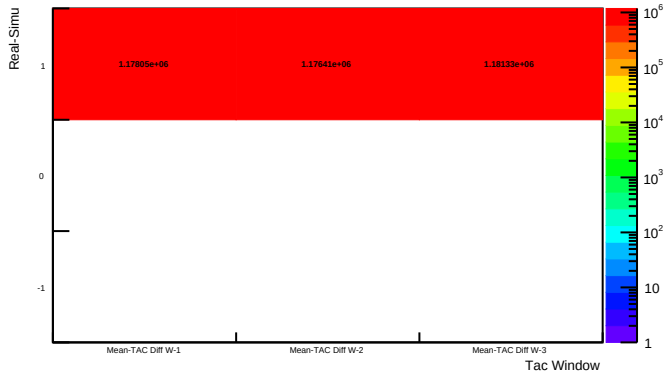
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



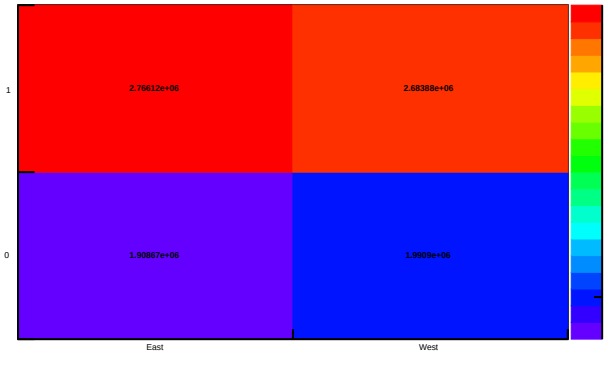
VT201 Input Ch4: VPD Tac Diff



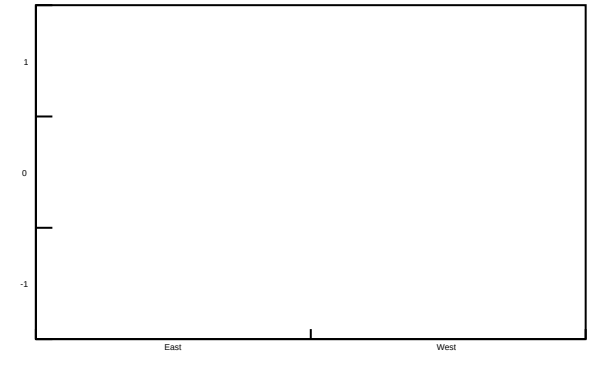
VT201 Input Ch4: VPD Tac Diff

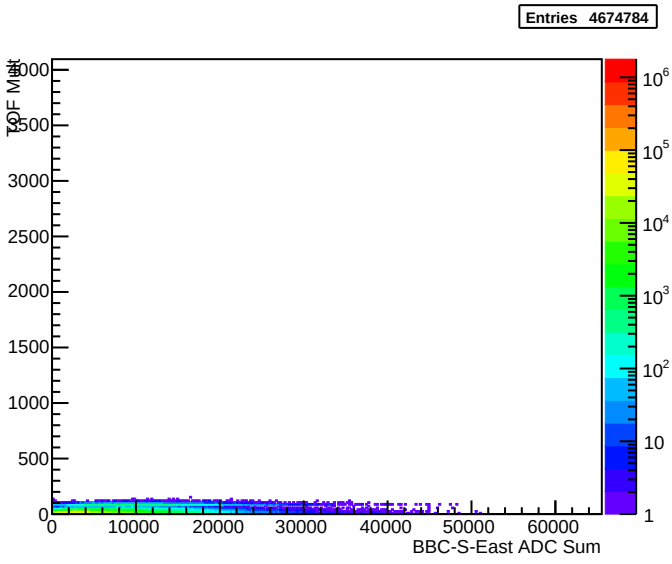


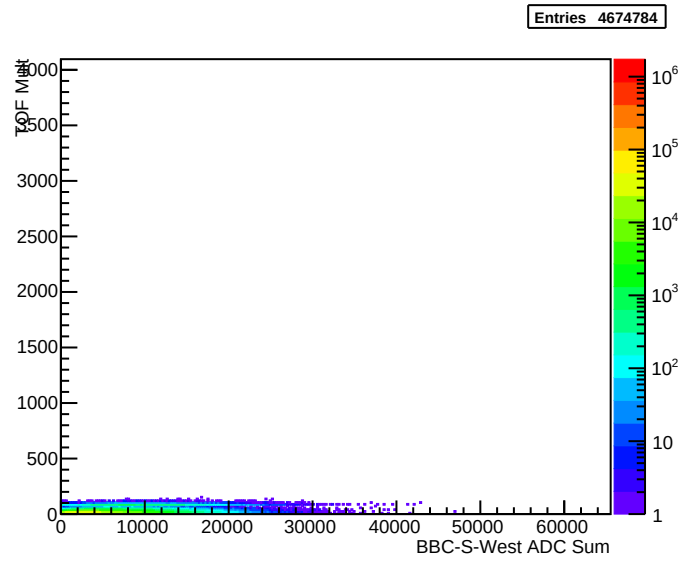
VT201 Input Ch4: VPD Adc Sum Th

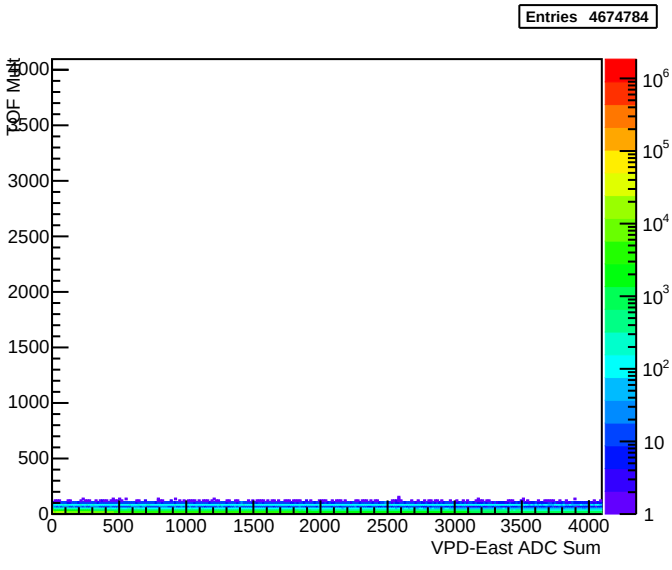


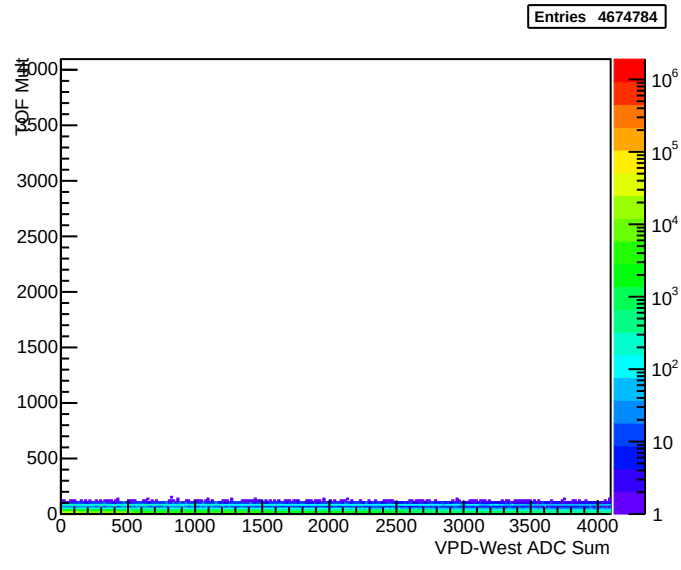
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

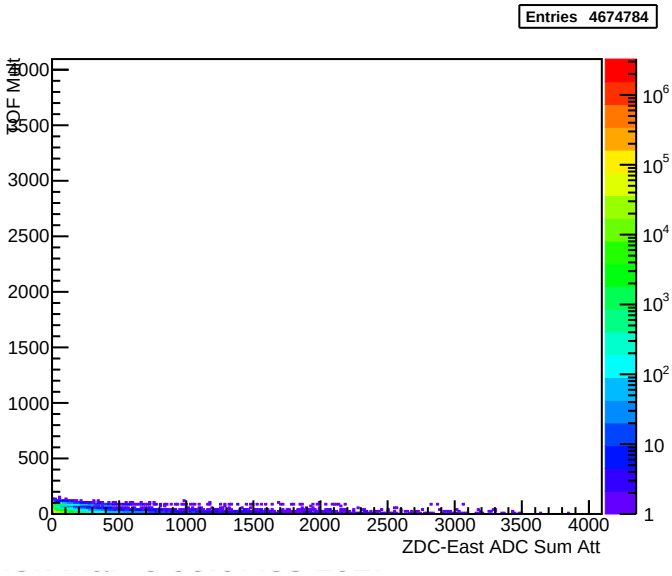


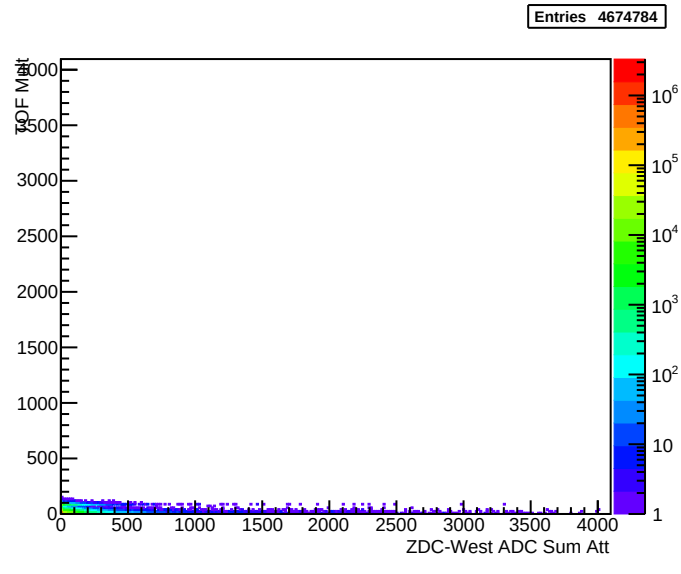

Entries 4674784
TOF Mult
BBC-S-East ADC Sum

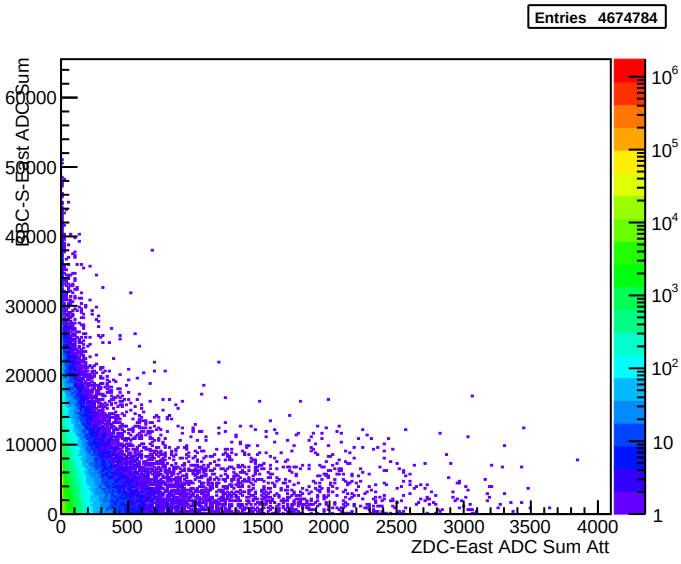

Entries 4674784
TOF Mult
BBC-S-West ADC Sum

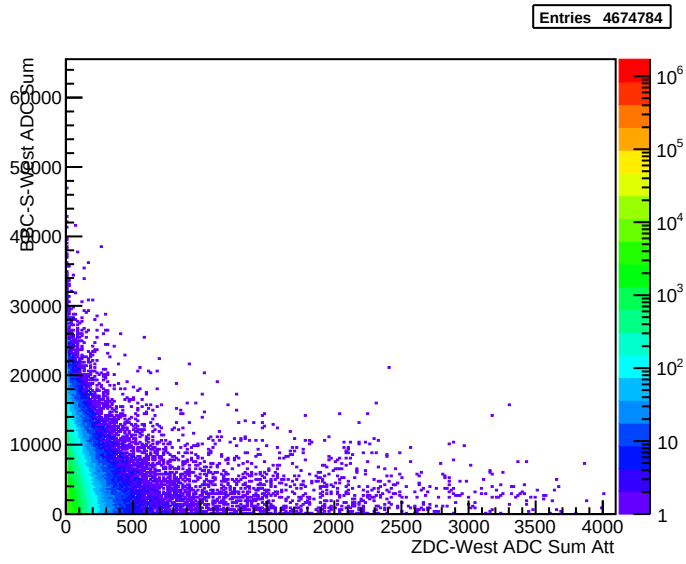

Entries 4674784
TOF Mult
VPD-East ADC Sum

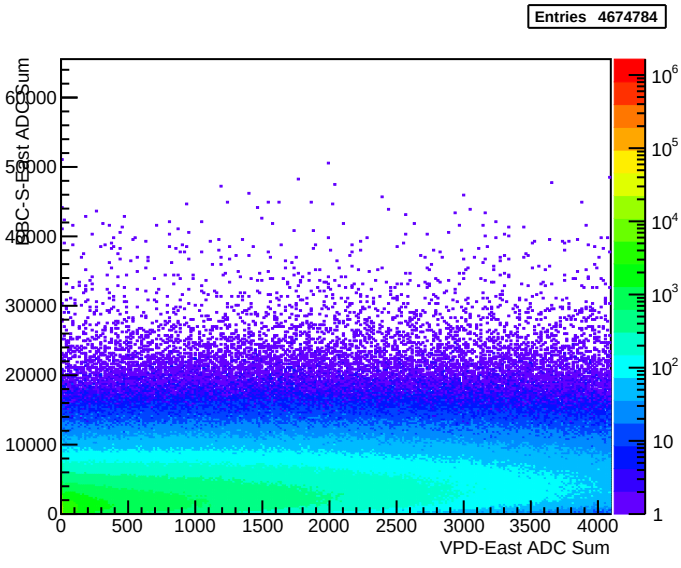

Entries 4674784
TOF Mult
VPD-West ADC Sum

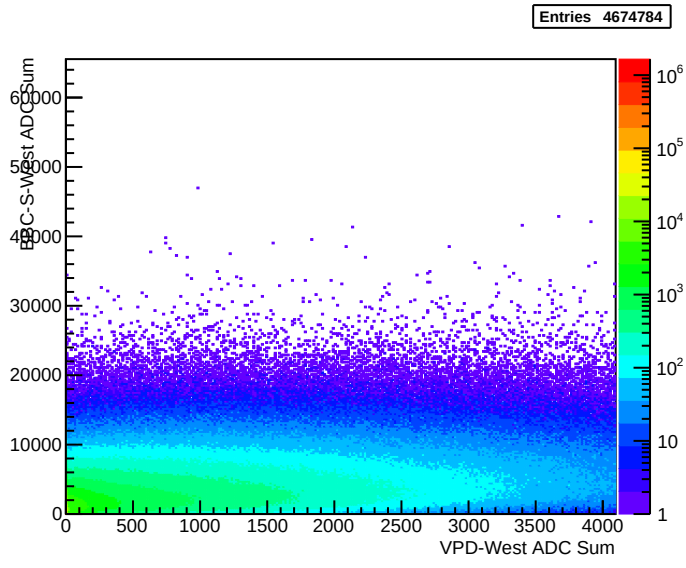

Entries 4674784
TOF Mult
ZDC-East ADC Sum Att

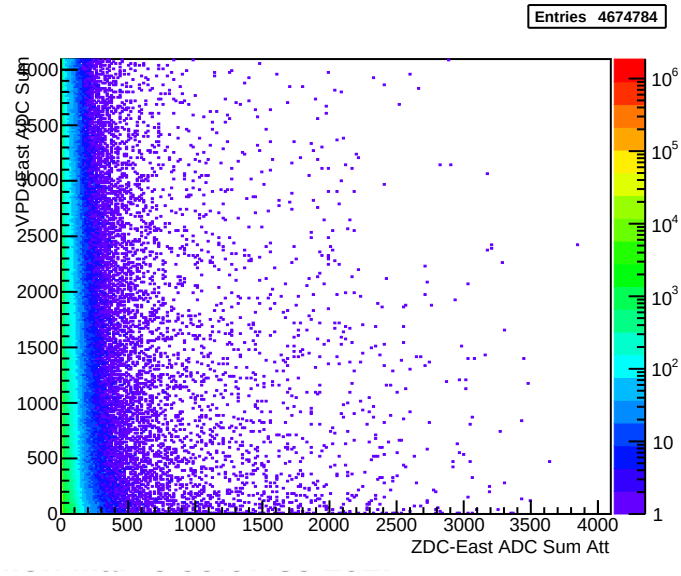

Entries 4674784
TOF Mult
ZDC-West ADC Sum Att

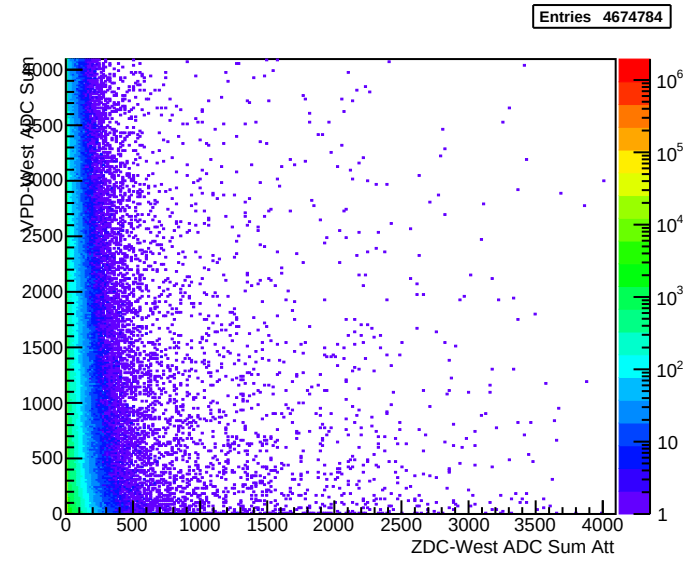

Entries 4674784
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

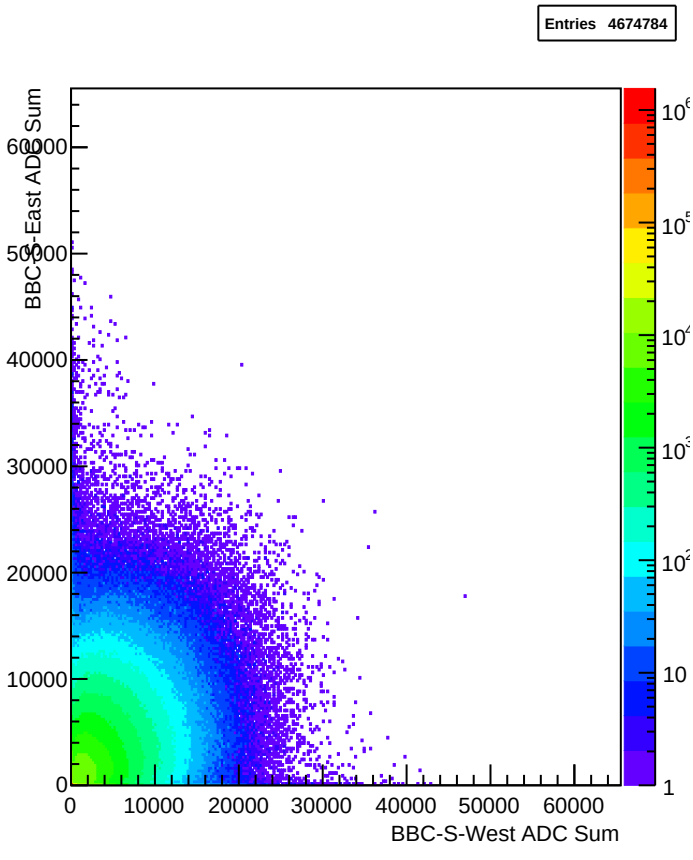

Entries 4674784
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

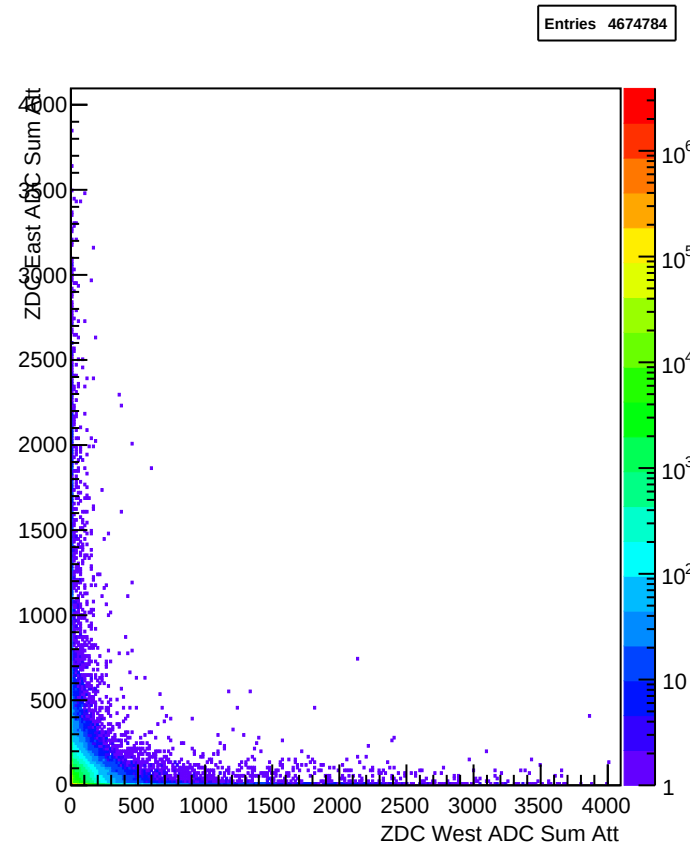

Entries 4674784
BBC-S-East ADC Sum
VPD-East ADC Sum

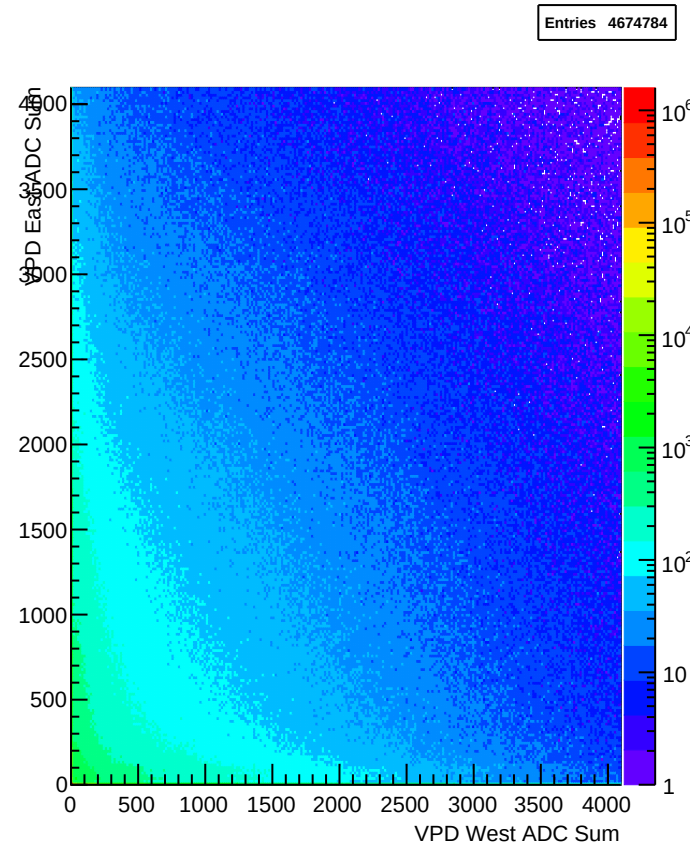

Entries 4674784
BBC-S-West ADC Sum
VPD-West ADC Sum

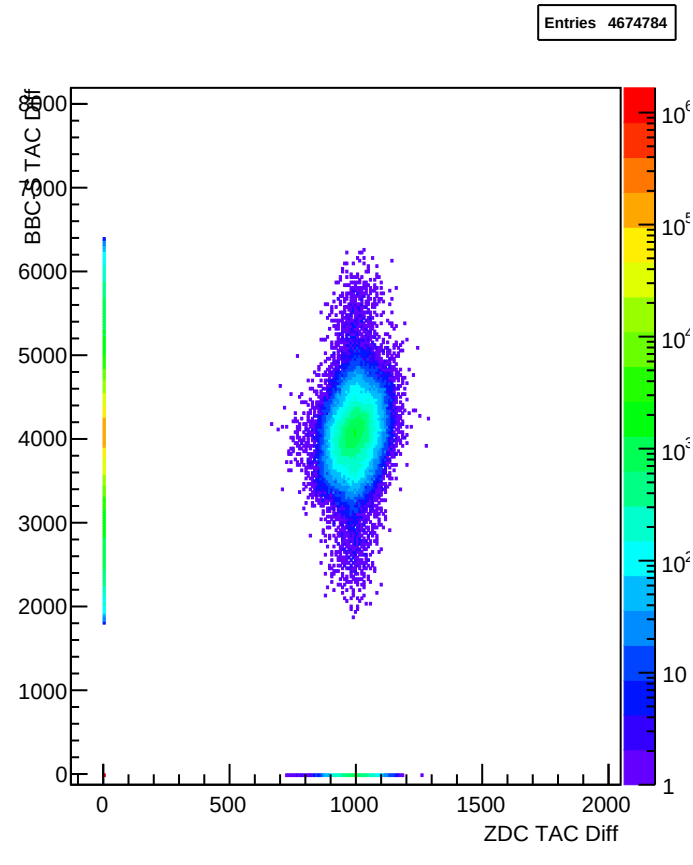

Entries 4674784
VPD-East ADC Sum
ZDC-East ADC Sum Att

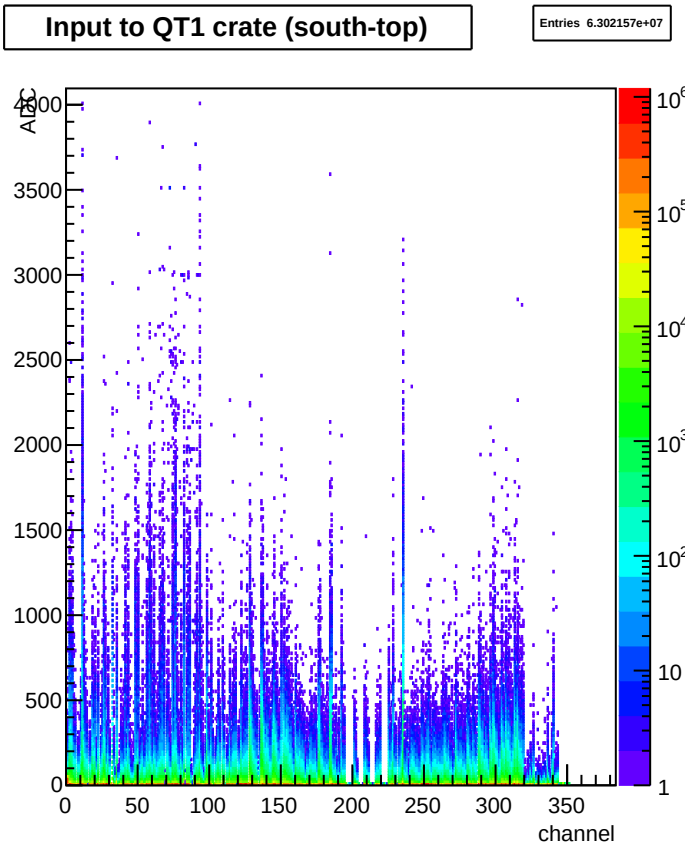

Entries 4674784
VPD-West ADC Sum
ZDC-West ADC Sum Att

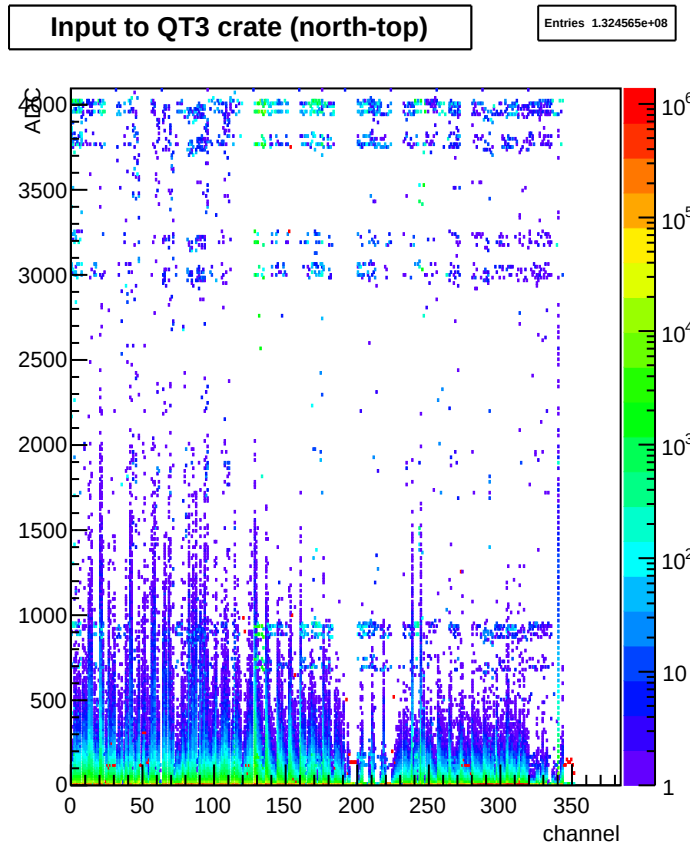

Entries 4674784
BBC-S-East ADC Sum
BBC-S-West ADC Sum

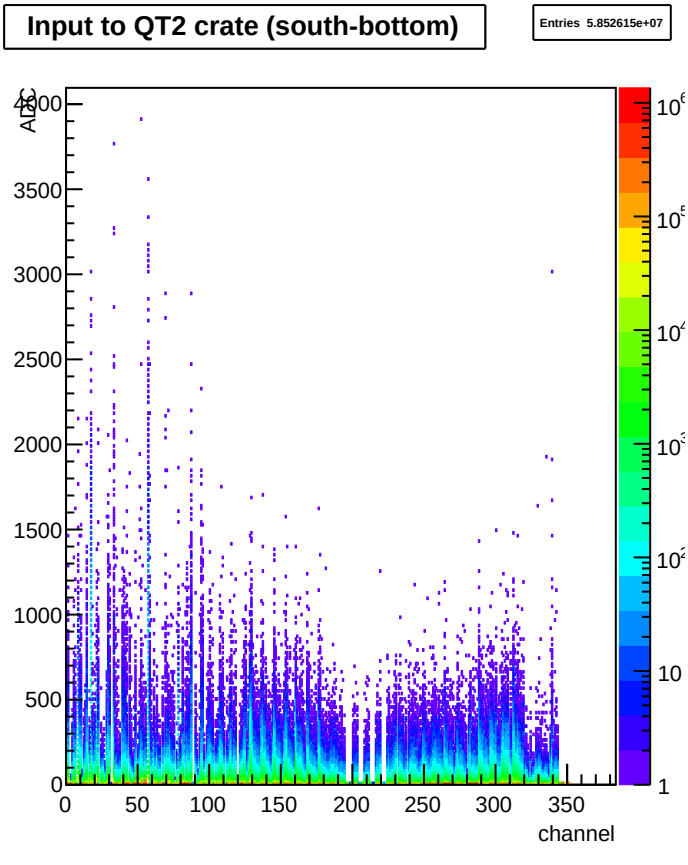

Entries 4674784
ZDC East ADC Sum Att
ZDC West ADC Sum Att

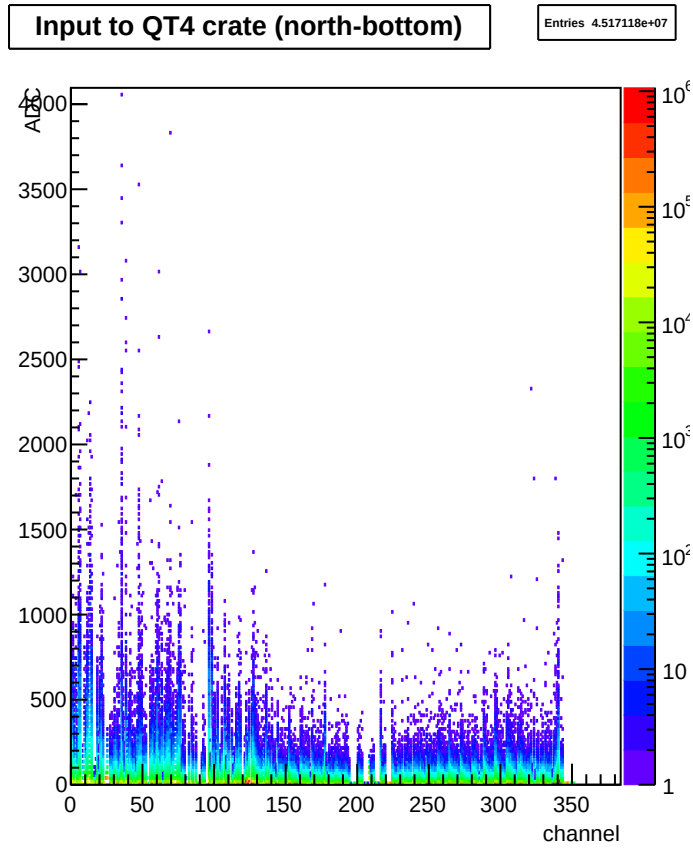

Entries 4674784
VPD East ADC Sum
VPD West ADC Sum

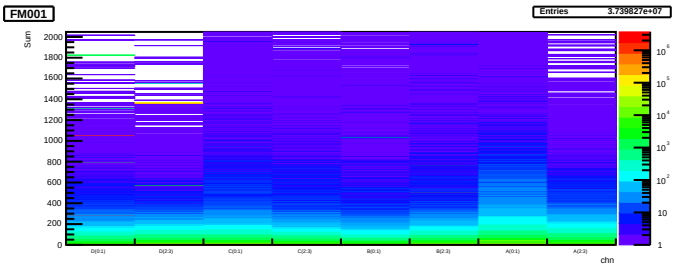

Entries 4674784
BBC-S TAC Diff
ZDC TAC Diff

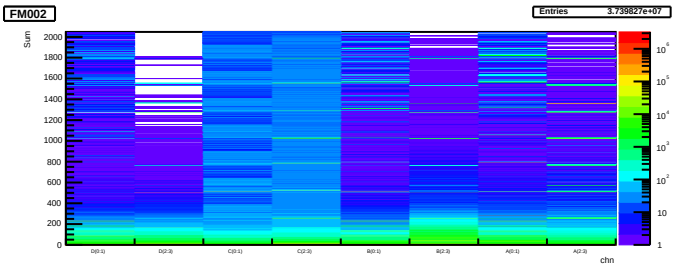

Input to QT1 crate (south-top)
Entries 6.302157e+07
ADC
channel

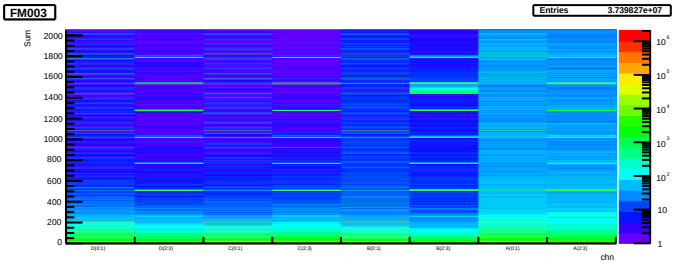

Input to QT3 crate (north-top)
Entries 1.324565e+08
ADC
channel

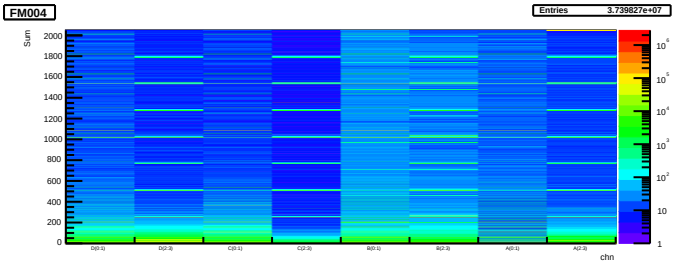

Input to QT2 crate (south-bottom)
Entries 5.852615e+07
ADC
channel

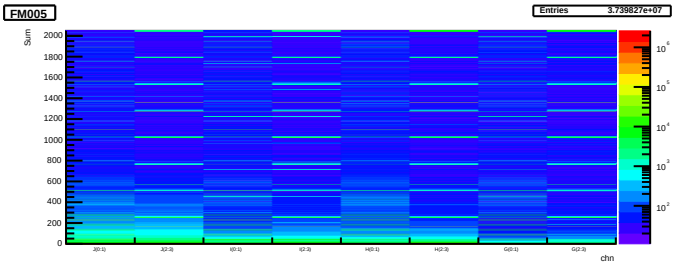

Input to QT4 crate (north-bottom)
Entries 4.517118e+07
ADC
channel

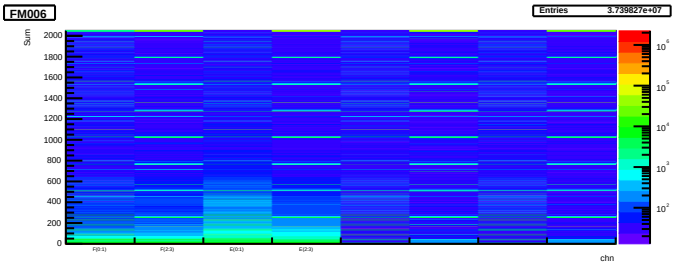

FM001
Entries 3.739827e+07
Sum
chn


FM002
Entries 3.739827e+07
Sum
chn


FM003
Entries 3.739827e+07
Sum
chn


FM004
Entries 3.739827e+07
Sum
chn


FM005
Entries 3.739827e+07
Sum
chn


FM006
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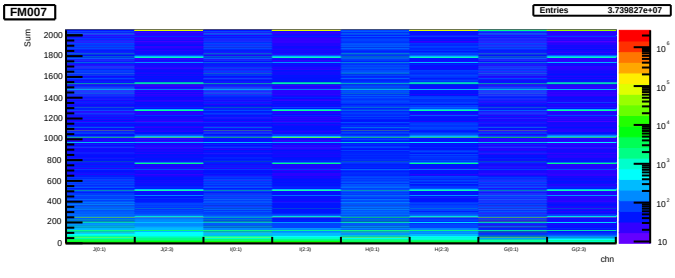
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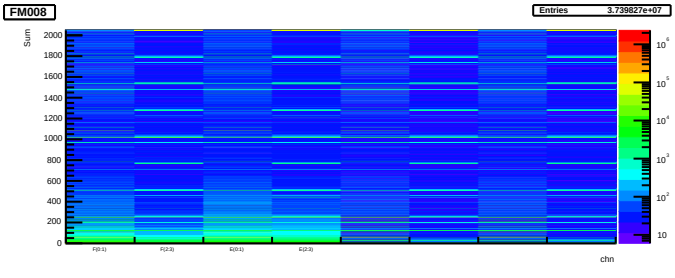
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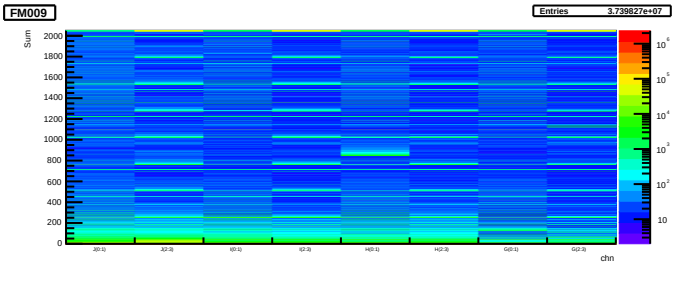
FM009
Entries 3.739827e+07
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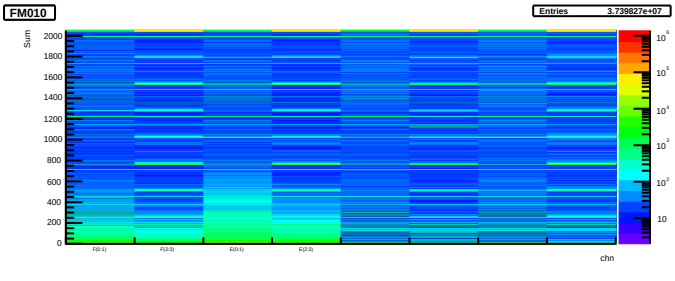
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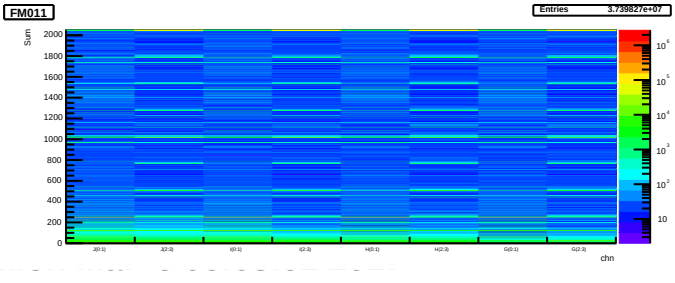
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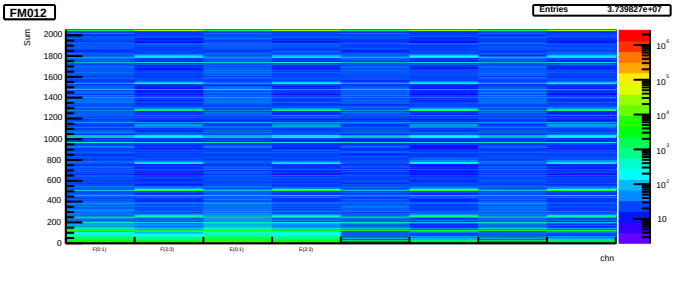
FM012
Entries 3.739827e+07
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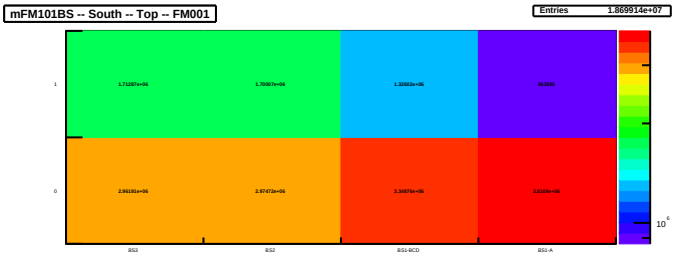
mFM101BS -- South -- Top -- FM001
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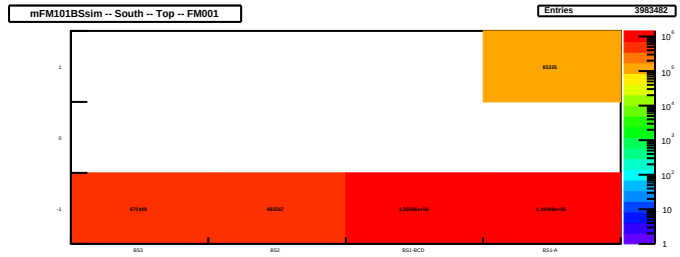
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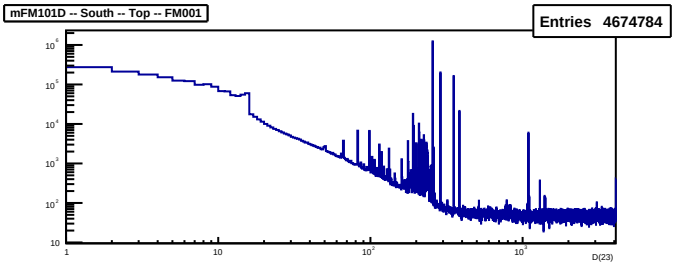
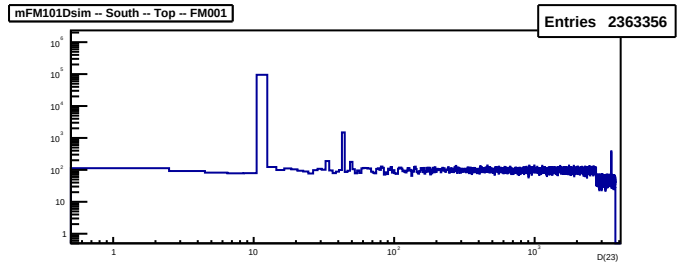

mFM101D -- South -- Top -- FM001
Entries 4674784
D(23)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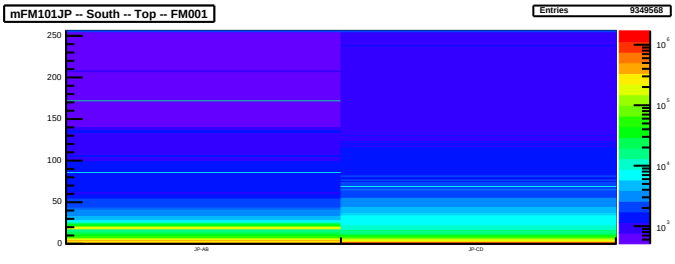
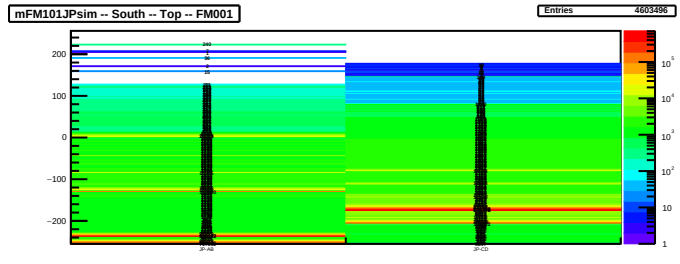

mFM101JP -- South -- Top -- FM001
Entries 9349568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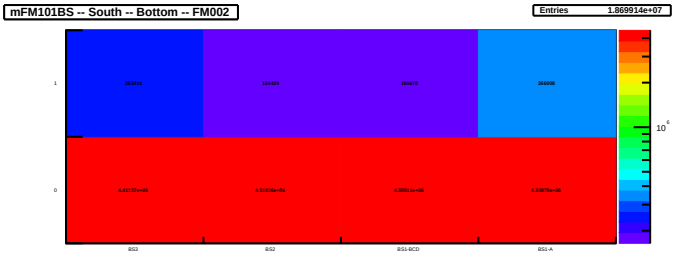
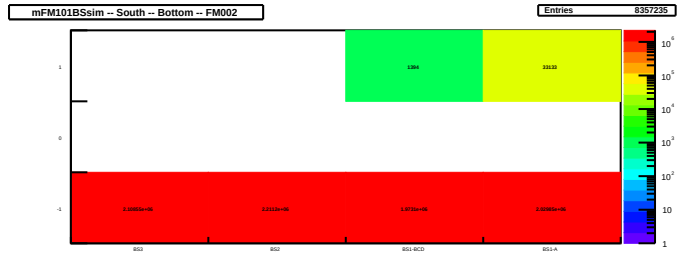

mFM101BS -- South -- Bottom -- FM002
Entries 1.869914e+07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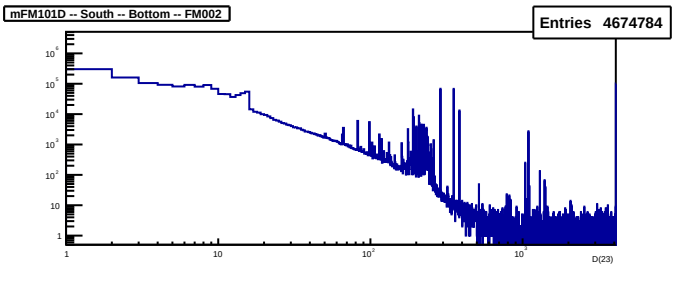
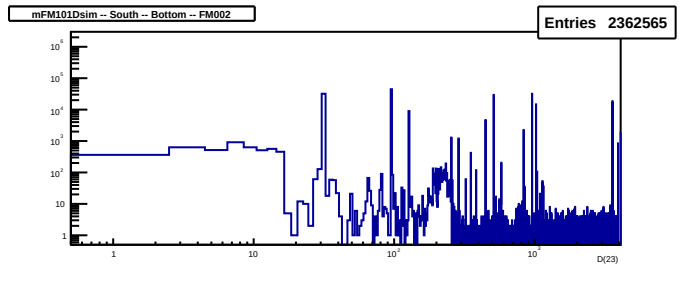

mFM101D -- South -- Bottom -- FM002
Entries 4674784
D(23)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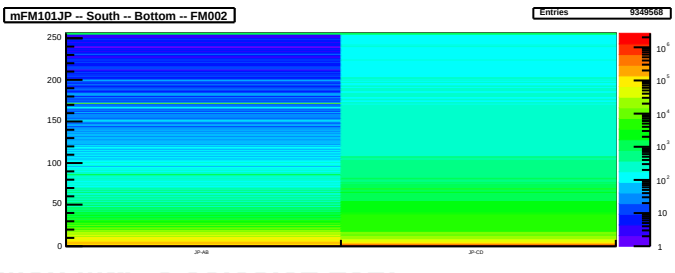
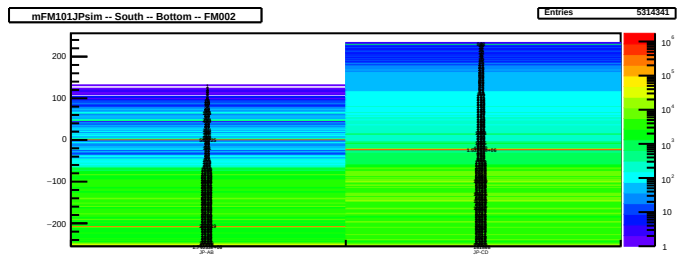
Entries 2362565
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 9349568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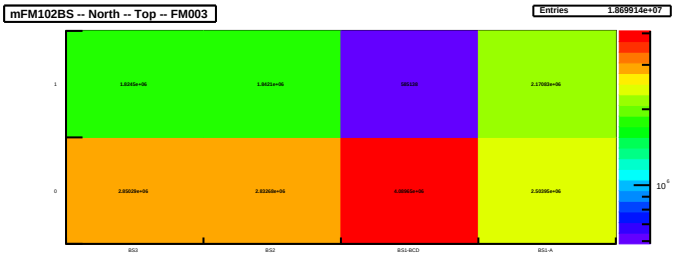
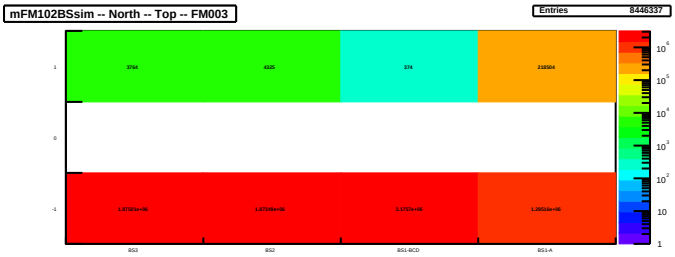

mFM102BS -- North -- Top -- FM003
Entries 1.869914e+07
BS3
BS2
BS1-BCD
BS1-A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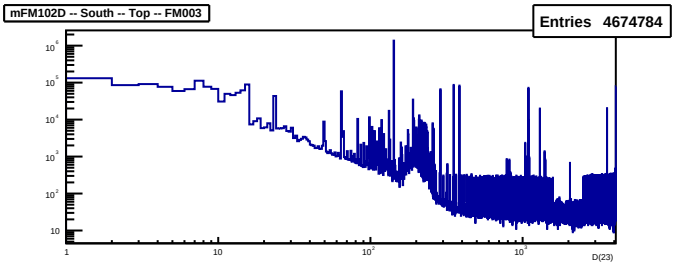
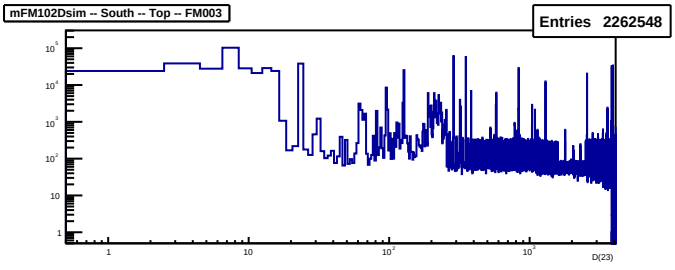
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 4674784
D(23)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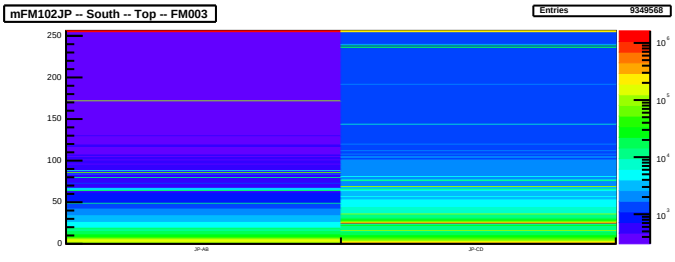
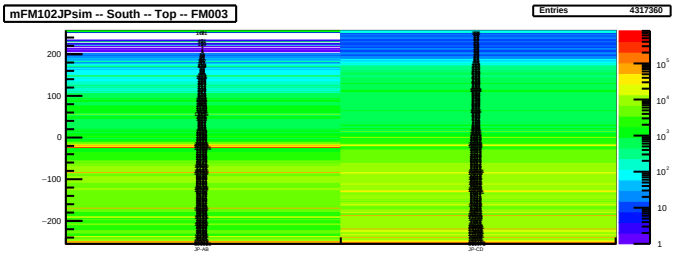
D(23)


mFM102JP -- South -- Top -- FM003
Entries 9349568
JP-AB
JP-CD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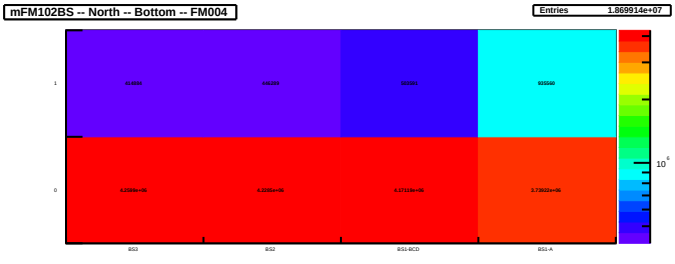
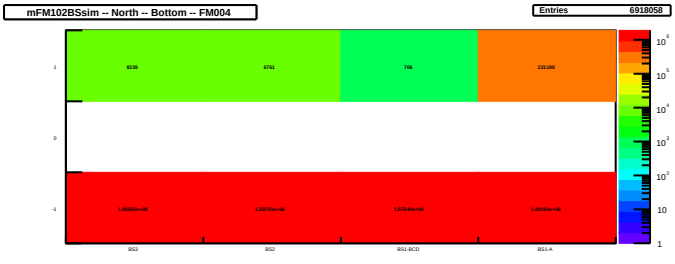
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 1.869914e+07
BS3
BS2
BS1-BCD
BS1-A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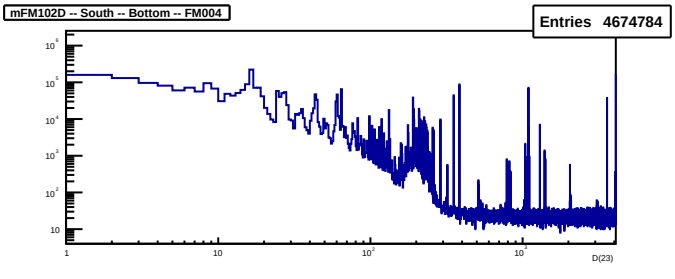
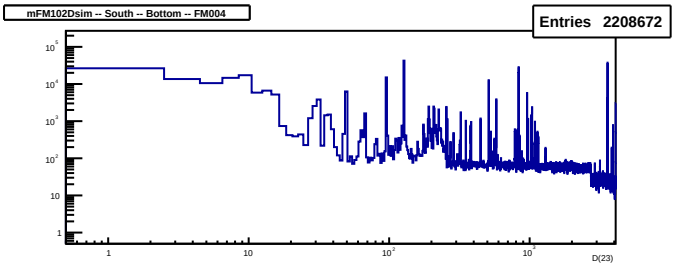
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 4674784
D(23)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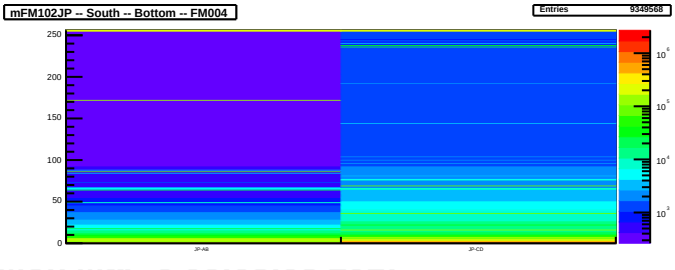
Entries 2208672
D(23)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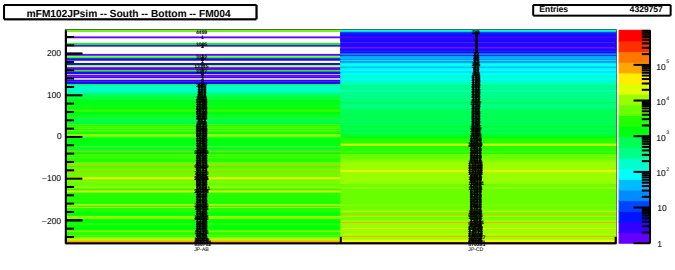
Entries 9349568
JP-AB
JP-CD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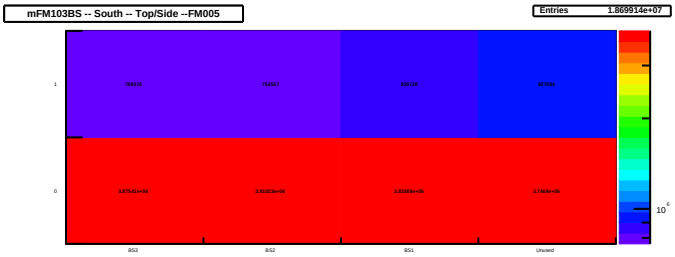
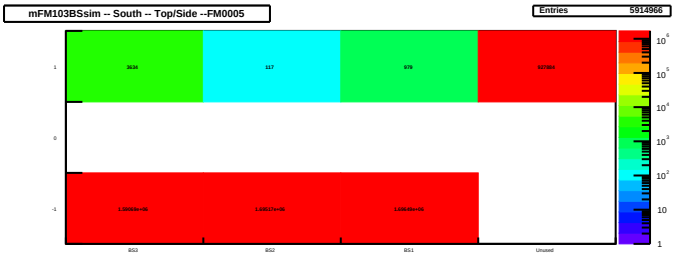
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 1.869914e+07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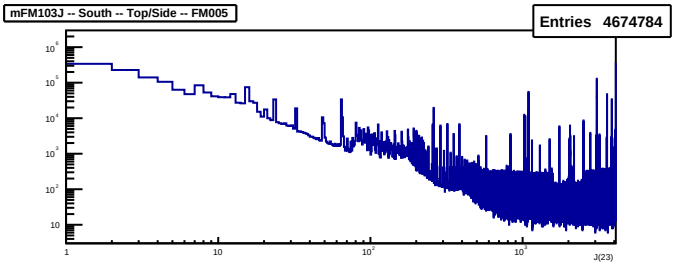
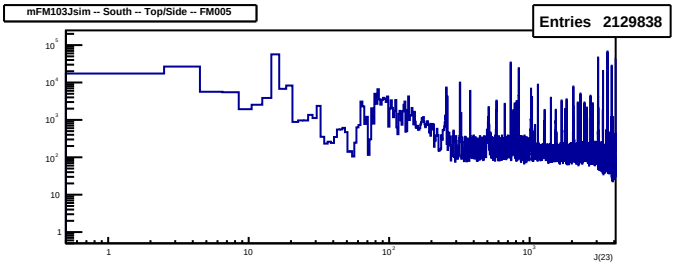

mFM103J -- South -- Top/Side -- FM005
Entries 4674784
J(23)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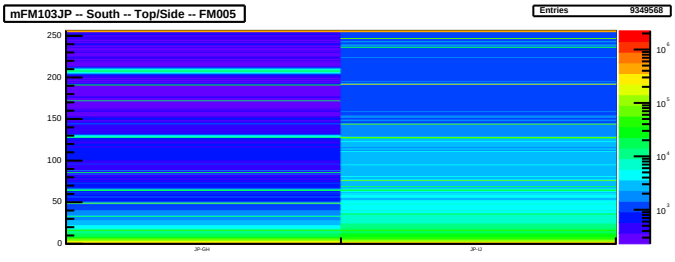
J(23)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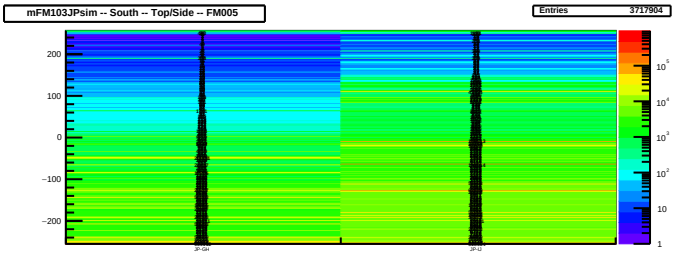
Entries 9349568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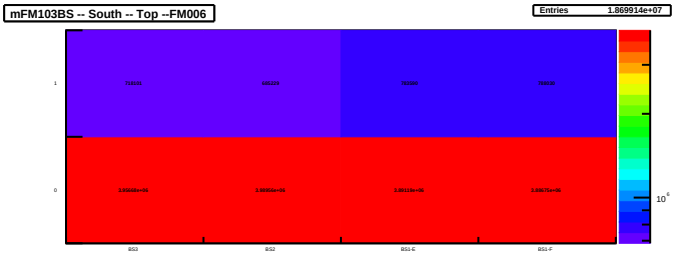
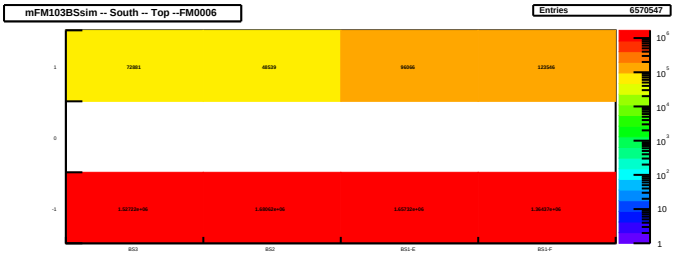

mFM103BS -- South -- Top --FM006
Entries 1.869914e+07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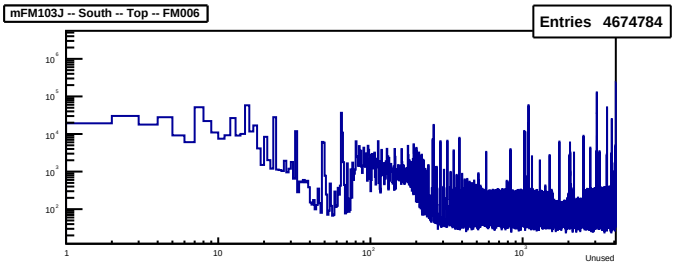
Entries 6570547


mFM103J -- South -- Top -- FM006
Entries 4674784
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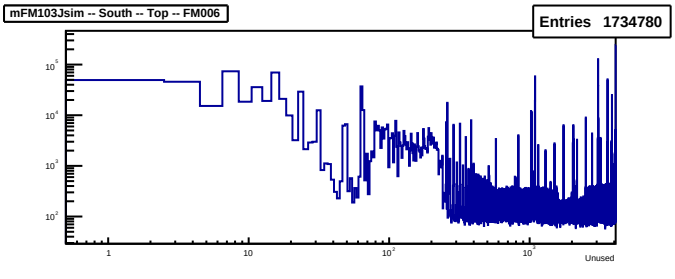
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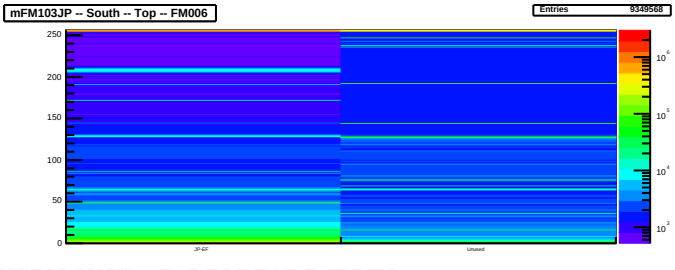
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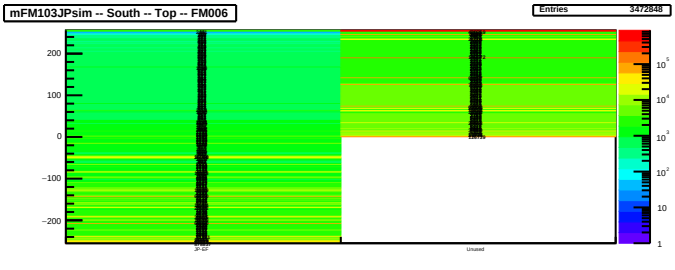
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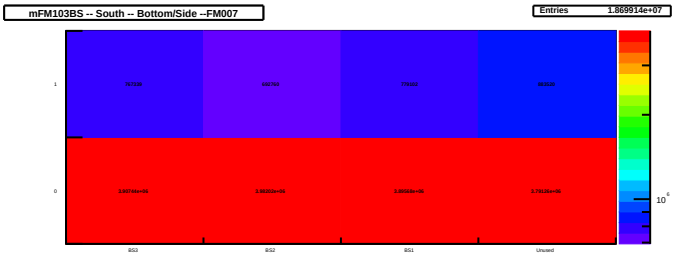
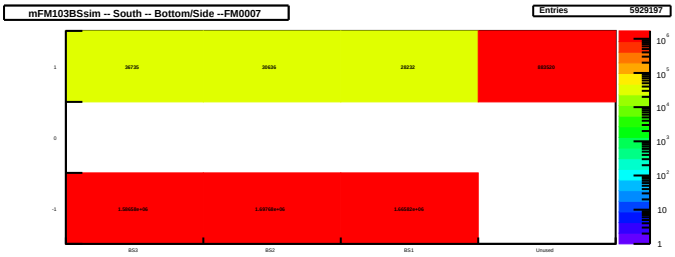

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.869914e+07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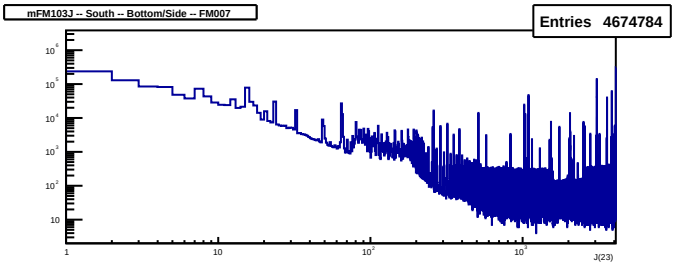
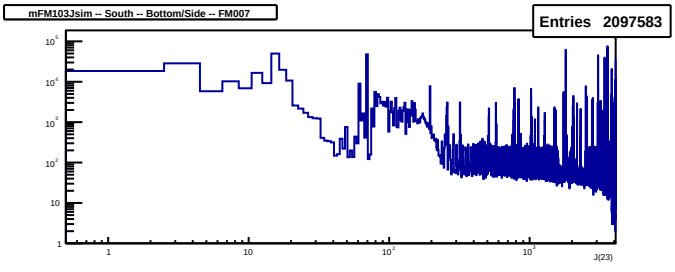

mFM103J -- South -- Bottom/Side -- FM007
Entries 4674784
J(23)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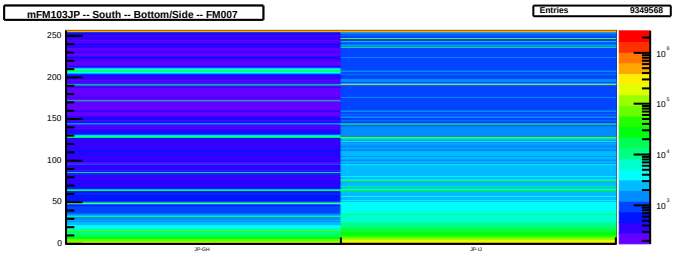
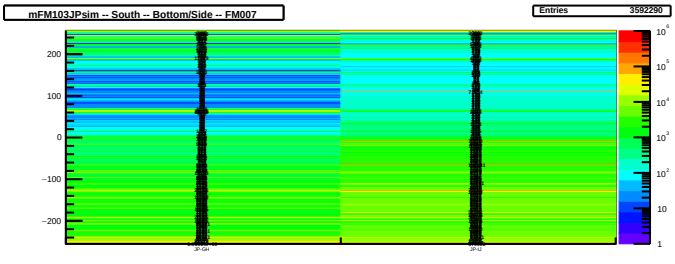
Entries 2097583
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 9349568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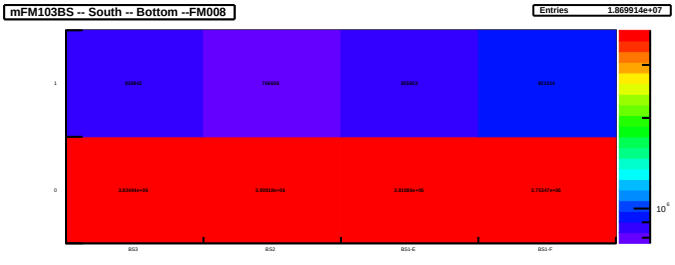
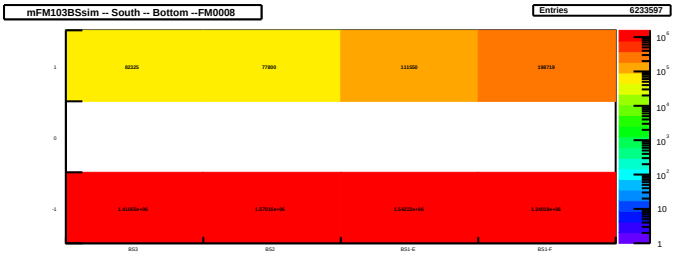

mFM103BS -- South -- Bottom --FM008
Entries 1.869914e+07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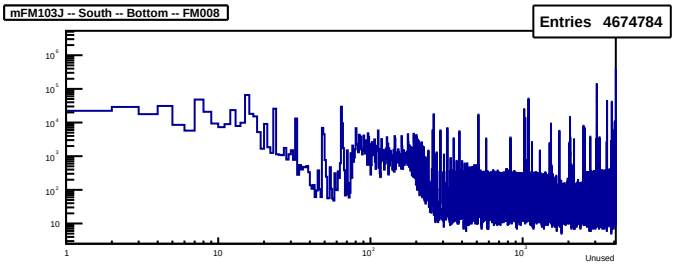
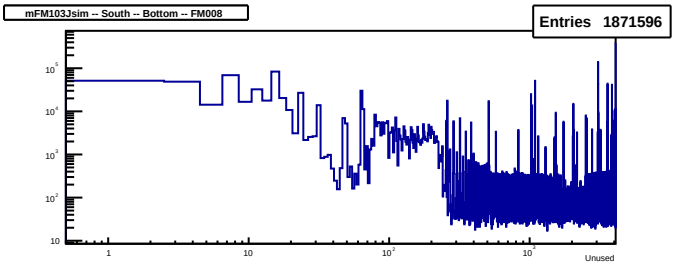

mFM103J -- South -- Bottom -- FM008
Entries 4674784
Unused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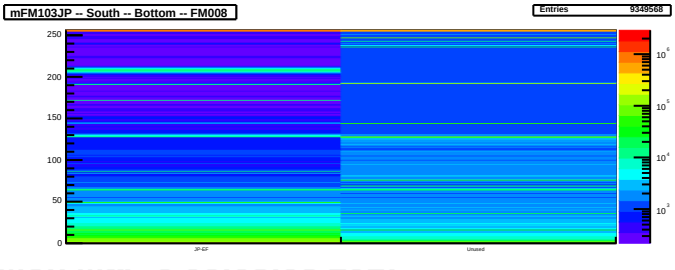
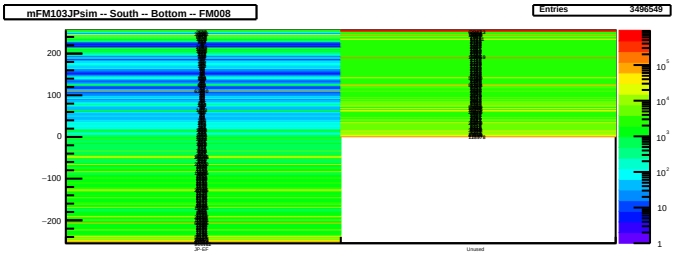
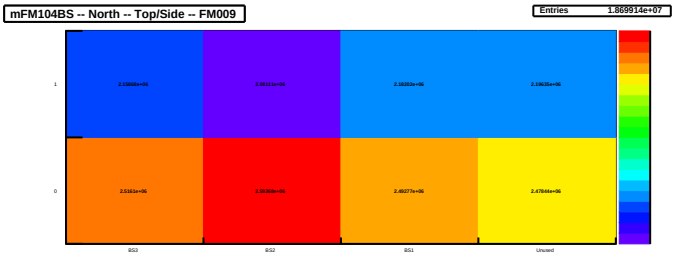
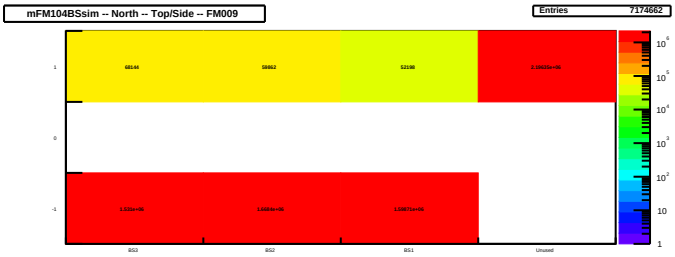
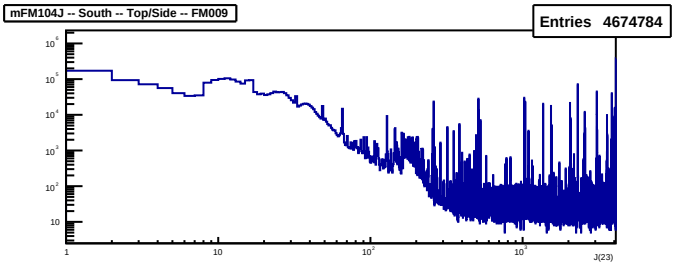
Entries 1871596
Unused

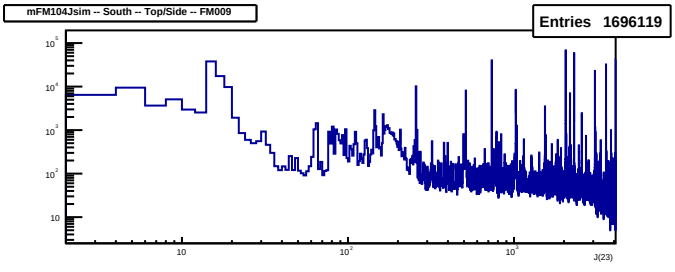

mFM103JP -- South -- Bottom -- FM008
Entries 9349568

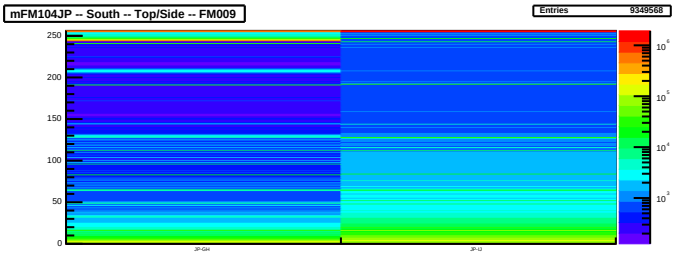

mFM103JPsim -- South -- Bottom -- FM008
Entries 3496549

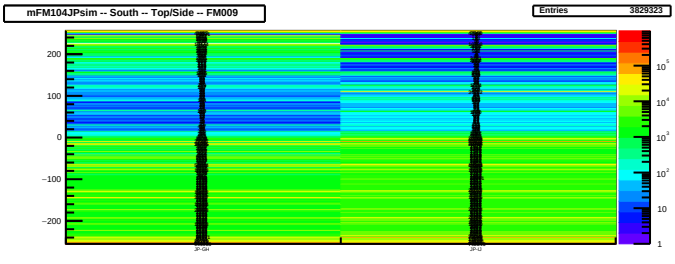

mFM104BS -- North -- Top/Side -- FM009
Entries 1.869914e+07
BS3
BS2
BS1
Unused

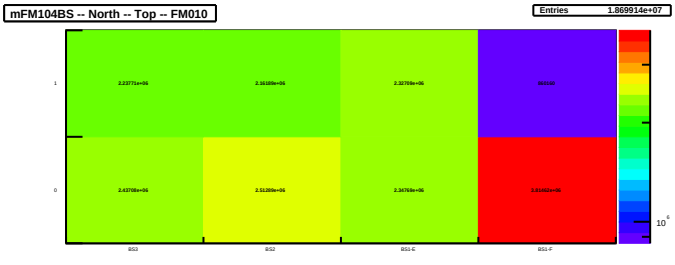

mFM104BSsim -- North -- Top/Side -- FM009
Entries 7174662
BS3
BS2
BS1
Unused

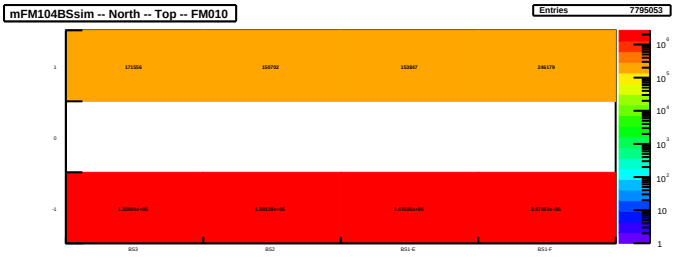

mFM104J -- South -- Top/Side -- FM009
Entries 4674784
J(23)

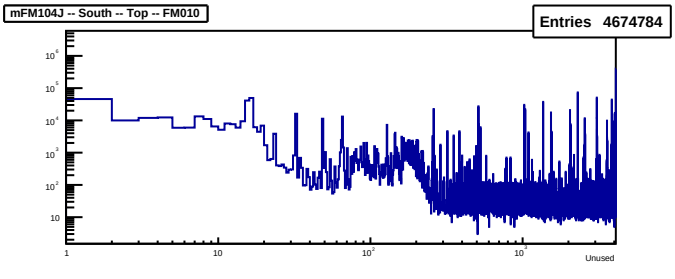

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1696119
J(23)

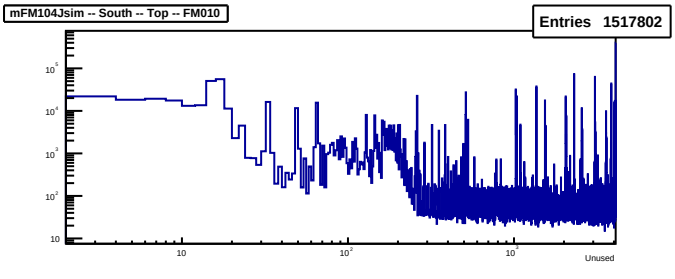

mFM104JP -- South -- Top/Side -- FM009
Entries 9349568
JP-GH
JP-IJ

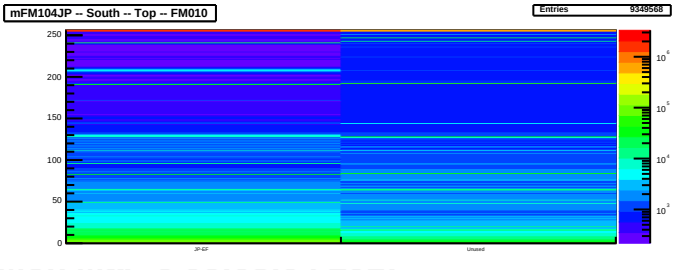

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3829323
JP-GH
JP-IJ

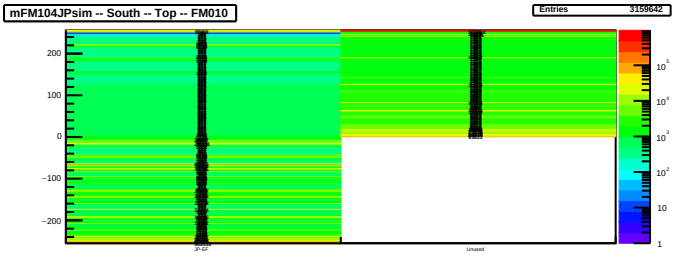

mFM104BS -- North -- Top -- FM010
Entries 1.869914e+07
BS3
BS2
BS1-E
BS1-F

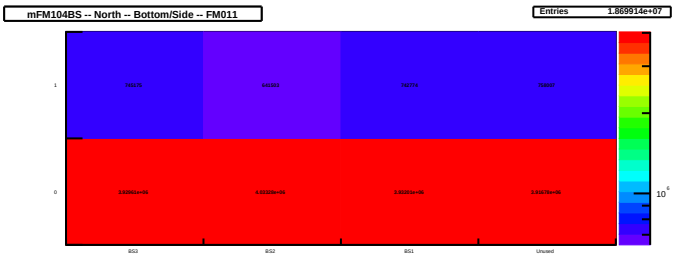

mFM104BSsim -- North -- Top -- FM010
Entries 7795053
BS3
BS2
BS1-E
BS1-F

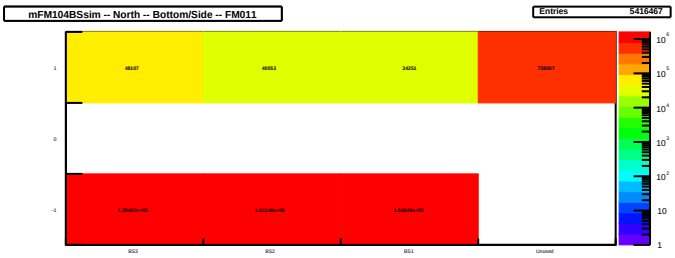

mFM104J -- South -- Top -- FM010
Entries 4674784
Unused

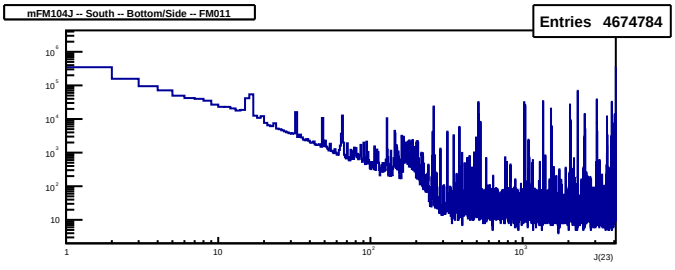

mFM104Jsim -- South -- Top -- FM010
Entries 1517802
Unused

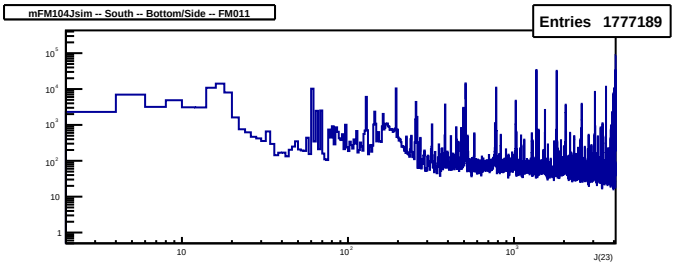

mFM104JP -- South -- Top -- FM010
Entries 9349568
JP-EF
Unused

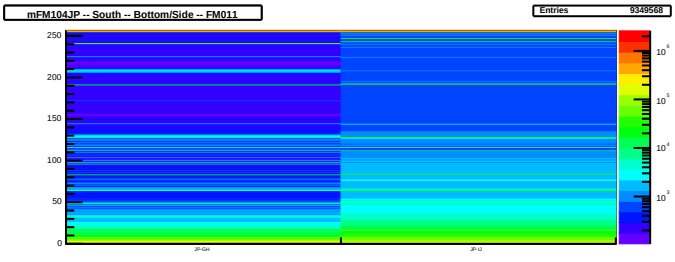

mFM104JPsim -- South -- Top -- FM010
Entries 3159642
JP-EF
Unused

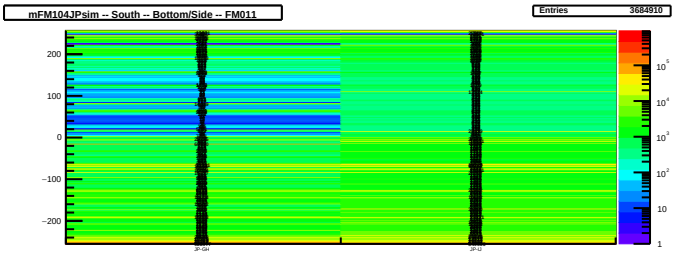

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.869914e+07

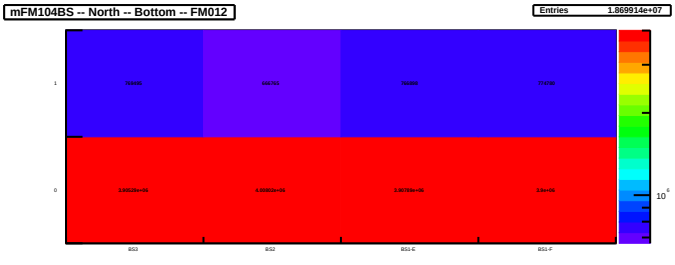

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5416467

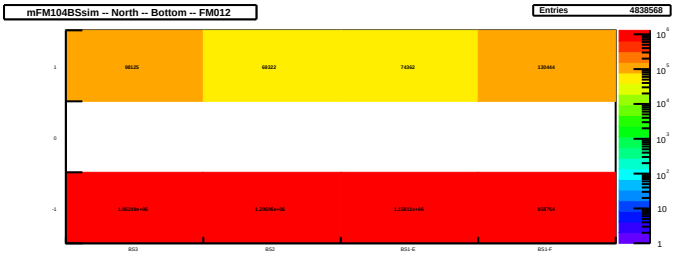

mFM104J -- South -- Bottom/Side -- FM011
Entries 4674784
J(23)

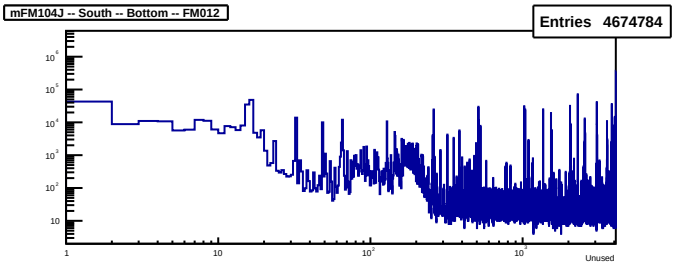

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1777189
J(23)

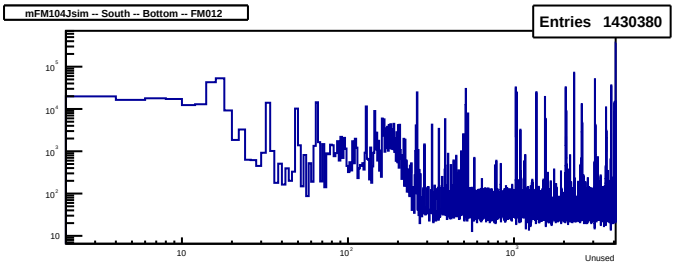

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9349568

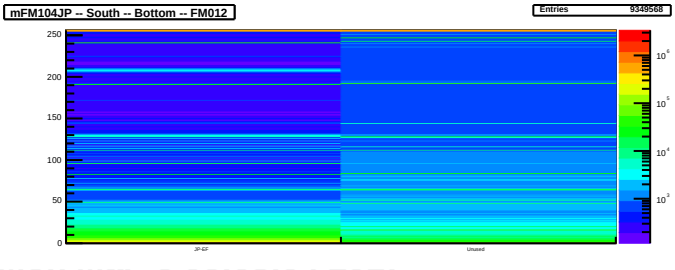

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3684910

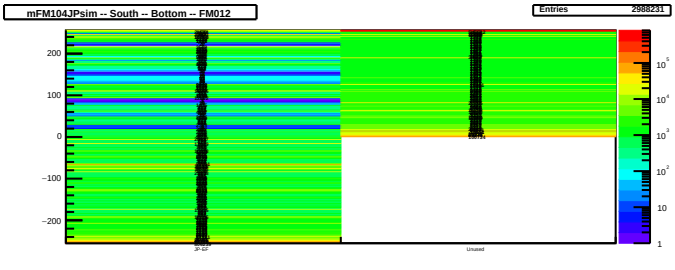

mFM104BS -- North -- Bottom -- FM012
Entries 1.869914e+07

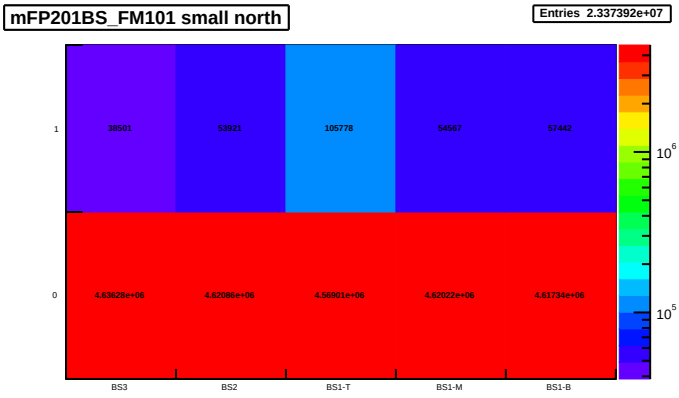

mFM104BSsim -- North -- Bottom -- FM012
Entries 4838568

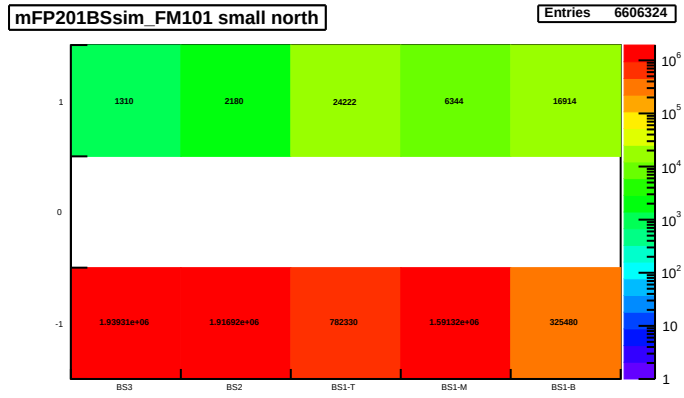

mFM104J -- South -- Bottom -- FM012
Entries 4674784
Unused

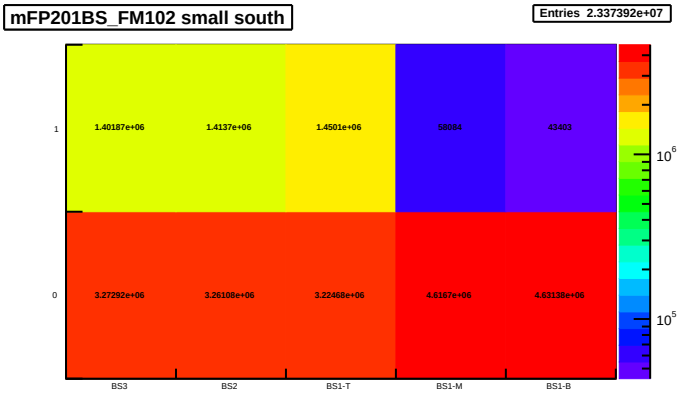

mFM104Jsim -- South -- Bottom -- FM012
Entries 1430380
Unused

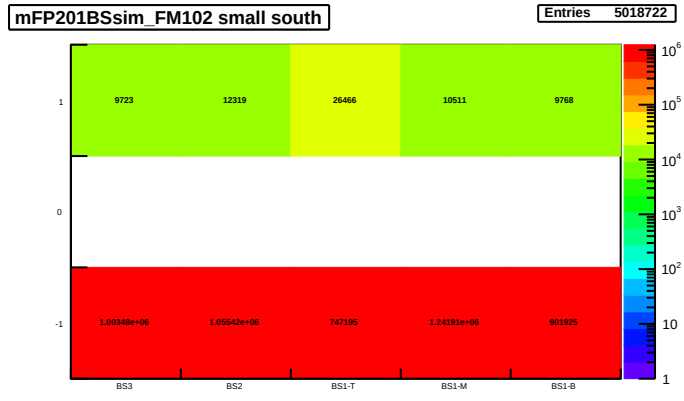

mFM104JP -- South -- Bottom -- FM012
Entries 9349568

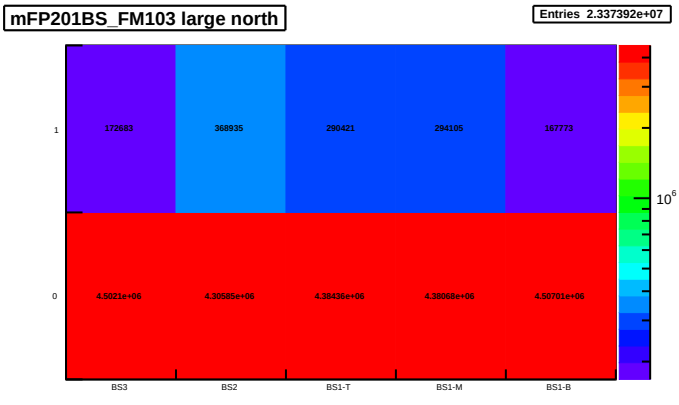

mFM104JPsim -- South -- Bottom -- FM012
Entries 2988231

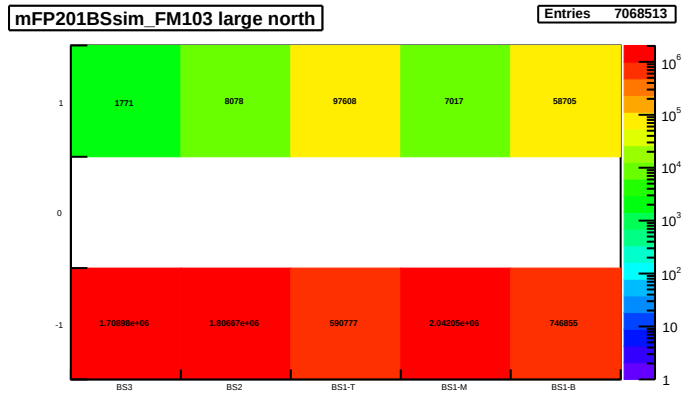

mFP201BS_FM101 small north
Entries 2.337392e+07
38501
53921
105778
54567
57442
4.63628e+06
4.62086e+06
4.56901e+06
4.62022e+06
4.61734e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

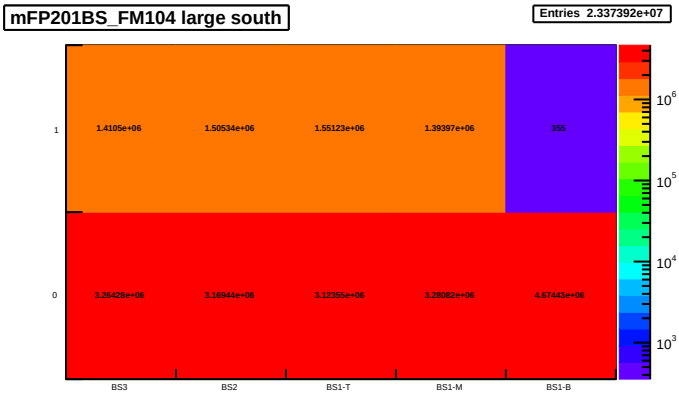

mFP201BSsim_FM101 small north
Entries 6606324
1310
2180
24222
6344
16914
1.93931e+06
1.91692e+06
782330
1.59132e+06
325480
BS3
BS2
BS1-T
BS1-M
BS1-B

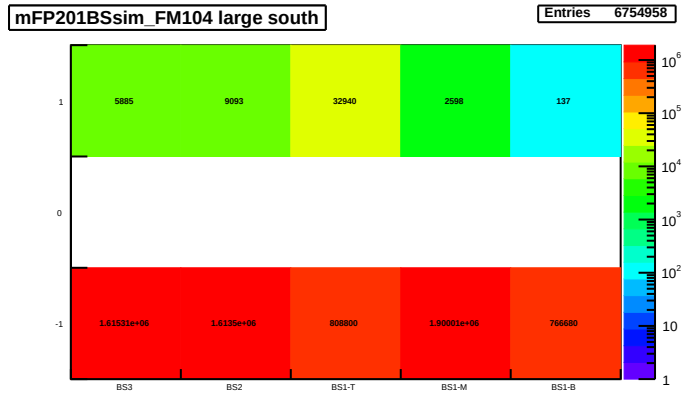

mFP201BS_FM102 small south
Entries 2.337392e+07
1.40187e+06
1.4137e+06
1.4501e+06
58084
43403
3.27292e+06
3.26108e+06
3.22468e+06
4.6167e+06
4.63138e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

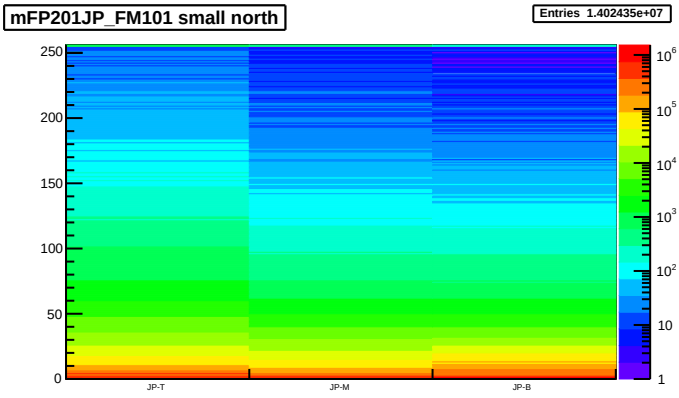

mFP201BSsim_FM102 small south
Entries 5018722
9723
12319
26466
10511
9768
1.00348e+06
1.05542e+06
747195
1.24191e+06
901925
BS3
BS2
BS1-T
BS1-M
BS1-B

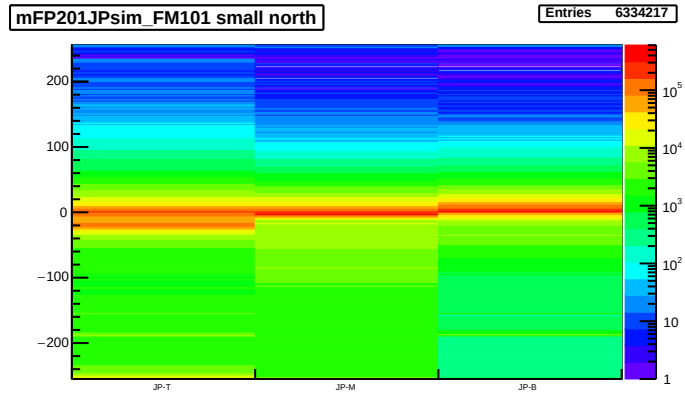

mFP201BS_FM103 large north
Entries 2.337392e+07
172683
368935
290421
294105
167773
4.5021e+06
4.30585e+06
4.38436e+06
4.38068e+06
4.50701e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

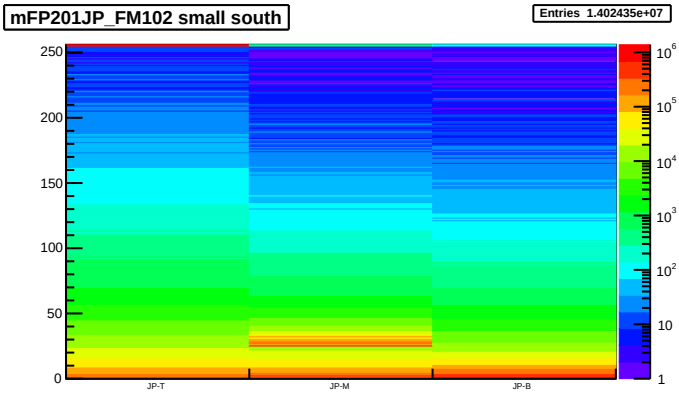

mFP201BSsim_FM103 large north
Entries 7068513
1771
8078
97608
7017
58705
1.70898e+06
1.80667e+06
590777
2.04205e+06
746855
BS3
BS2
BS1-T
BS1-M
BS1-B

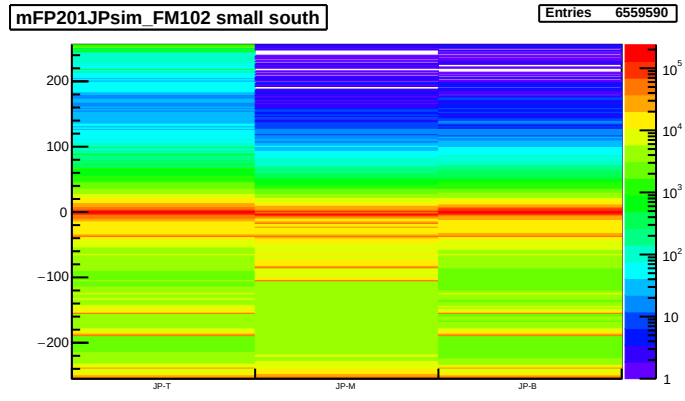

mFP201BS_FM104 large south
Entries 2.337392e+07
1.4105e+06
1.50534e+06
1.55123e+06
1.39397e+06
355
3.26428e+06
3.16944e+06
3.12355e+06
3.28082e+06
4.67443e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

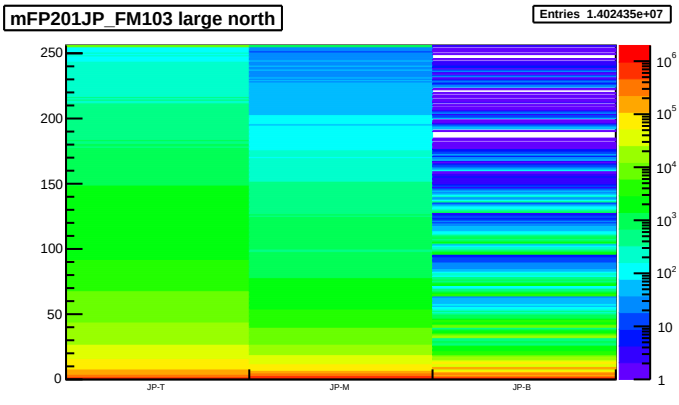

mFP201BSsim_FM104 large south
Entries 6754958
5885
9093
32940
2598
137
1.61531e+06
1.6135e+06
808800
1.90001e+06
766680
BS3
BS2
BS1-T
BS1-M
BS1-B

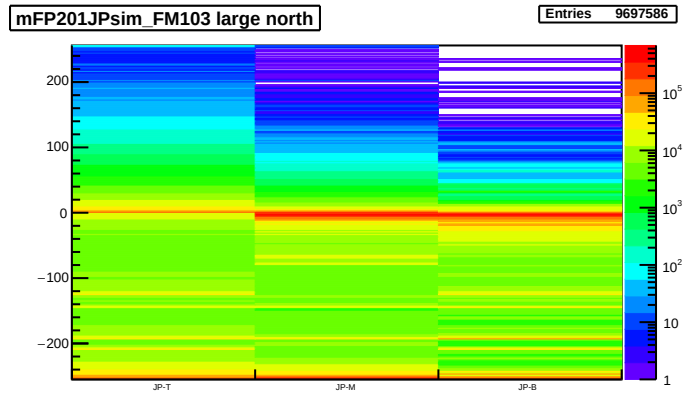

mFP201JP_FM101 small north
Entries 1.402435e+07
JP-T
JP-M
JP-B

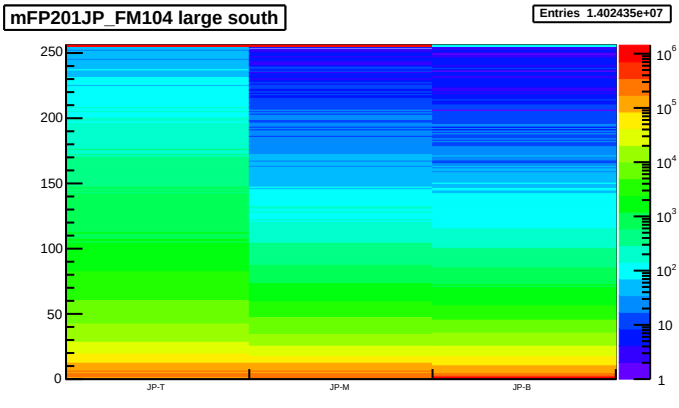

mFP201JPsim_FM101 small north
Entries 6334217
JP-T
JP-M
JP-B

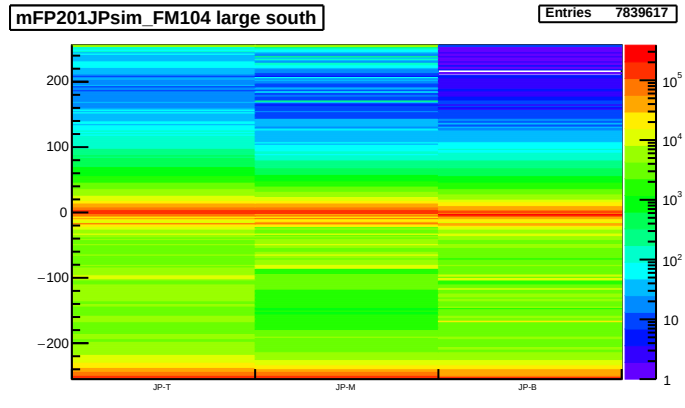

mFP201JP_FM102 small south
Entries 1.402435e+07
JP-T
JP-M
JP-B

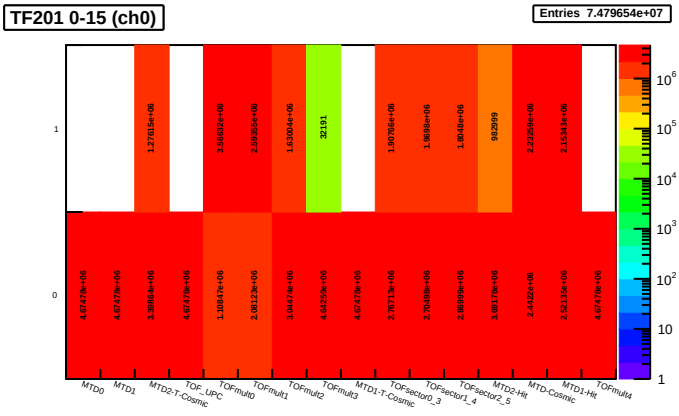

mFP201JPsim_FM102 small south
Entries 6559590
JP-T
JP-M
JP-B

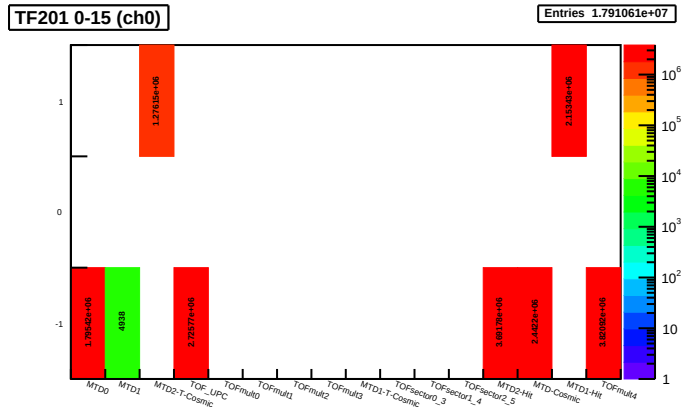

mFP201JP_FM103 large north
Entries 1.402435e+07
JP-T
JP-M
JP-B

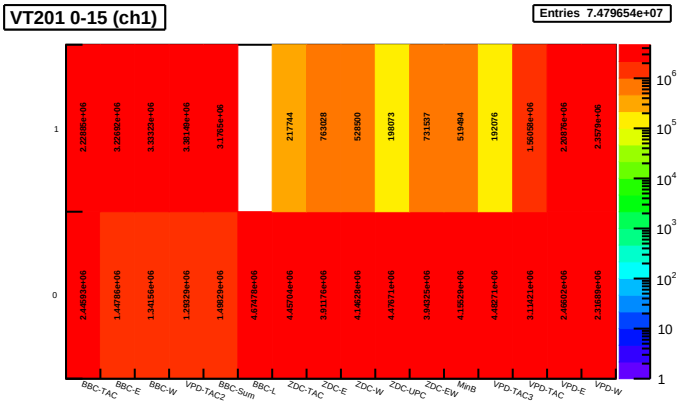

mFP201JPsim_FM103 large north
Entries 9697586
JP-T
JP-M
JP-B

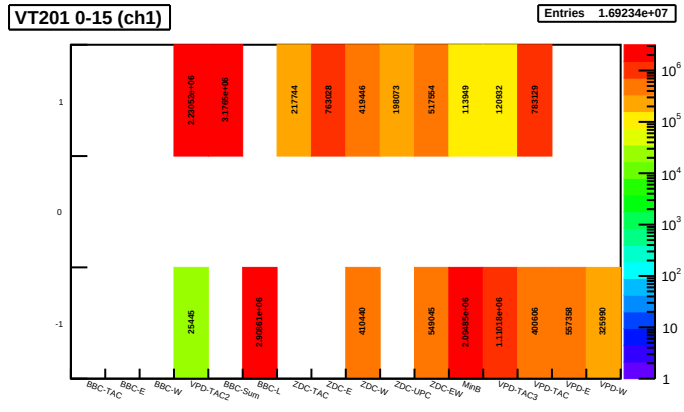

mFP201JP_FM104 large south
Entries 1.402435e+07
JP-T
JP-M
JP-B

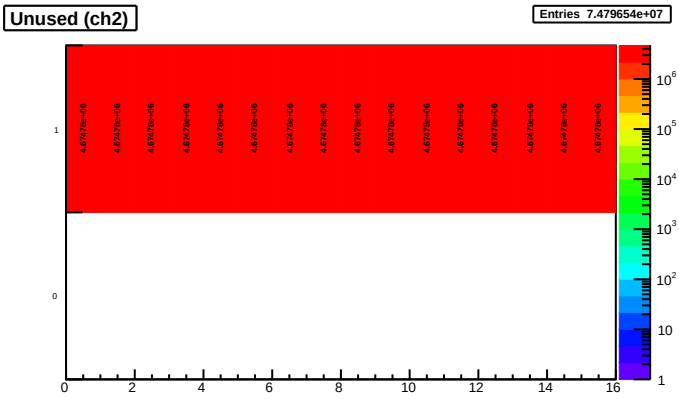

mFP201JPsim_FM104 large south
Entries 7839617
JP-T
JP-M
JP-B

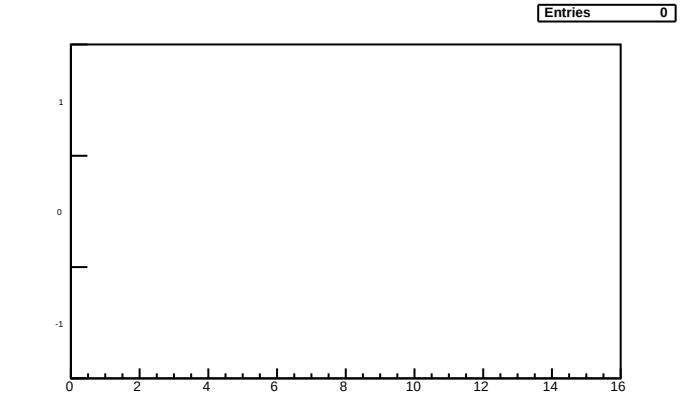

TF201 0-15 (ch0)
Entries 7.479654e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

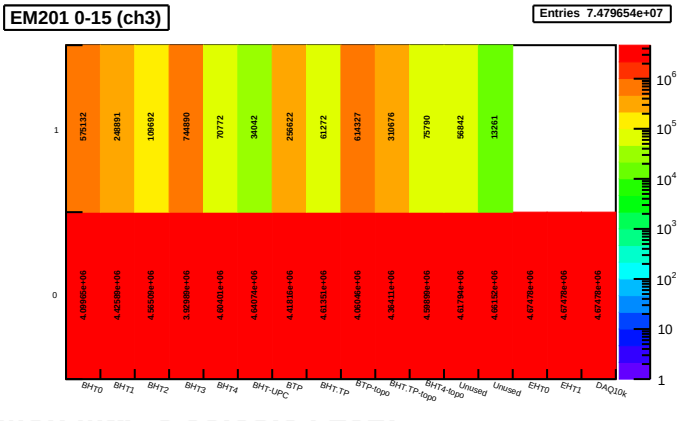

TF201 0-15 (ch0)
Entries 1.791061e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

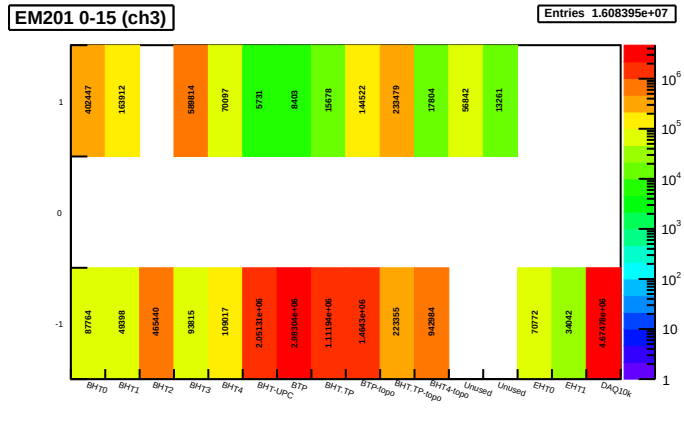

VT201 0-15 (ch1)
Entries 7.479654e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

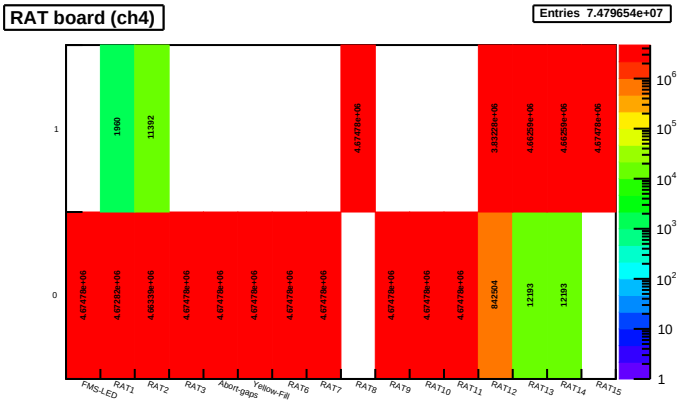

VT201 0-15 (ch1)
Entries 1.69234e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


Unused (ch2)
Entries 7.479654e+07


Entries 0


EM201 0-15 (ch3)
Entries 7.479654e+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 1.608395e+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 7.479654e+07
1960
11392
4.67478e+06
3.83223e+06
4.66259e+06
4.66259e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
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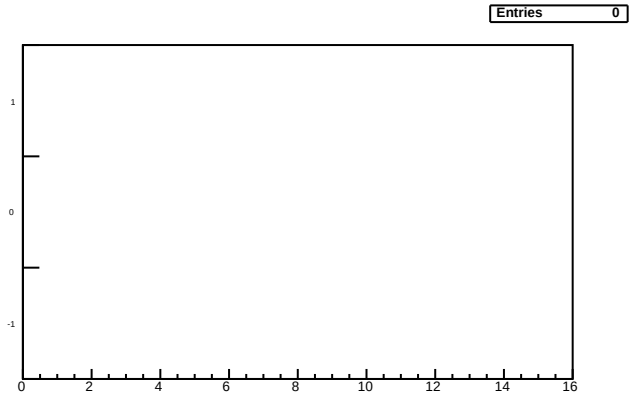
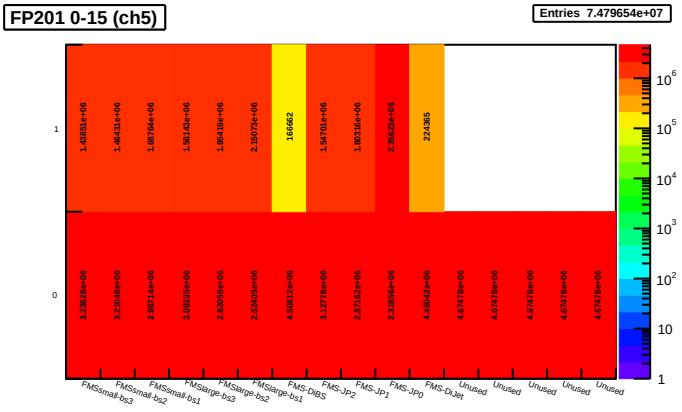
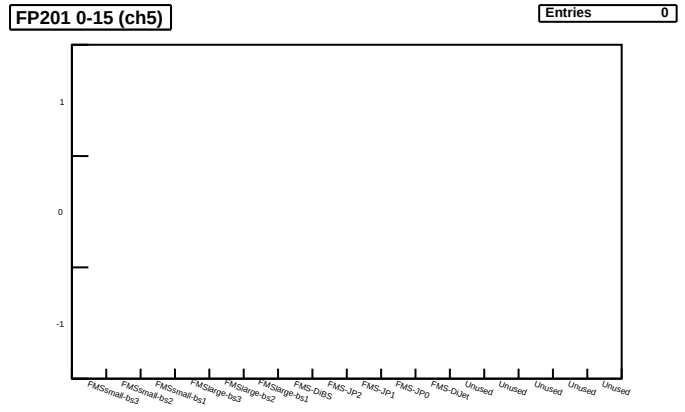
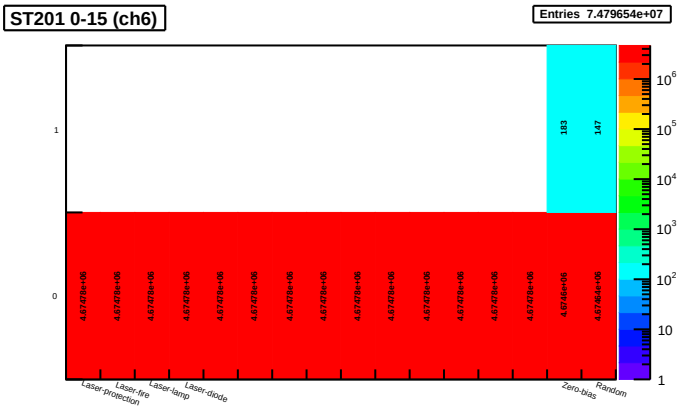
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
842504
12193
12193
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 7.479654e+07
1.43851e+06
1.46431e+06
1.68704e+06
1.98143e+06
1.85419e+06
2.15073e+06
166862
1.54701e+06
1.80316e+06
2.35628e+06
224365
3.23628e+06
3.21548e+06
2.98714e+06
3.09335e+06
2.83059e+06
2.52005e+06
4.59012e+06
3.12778e+06
2.97162e+06
2.33356e+06
4.45942e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 7.479654e+07
183
147
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
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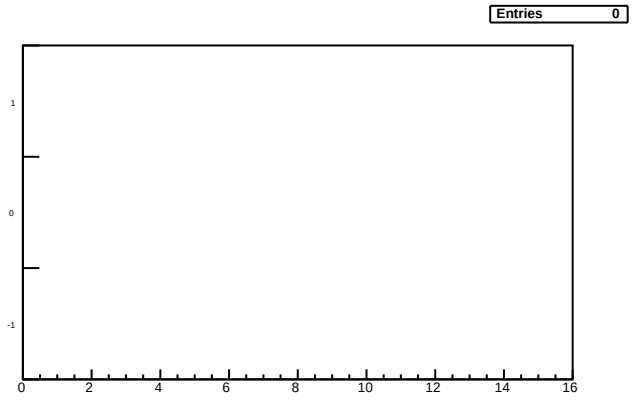
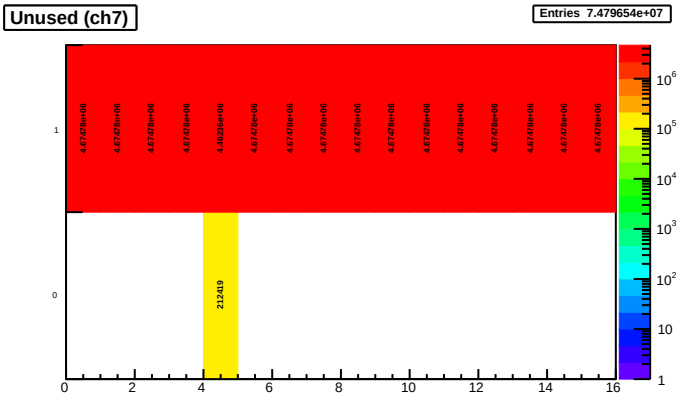
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.6746e+06
4.67464e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 7.479654e+07
4.67478e+06
4.67478e+06
4.67478e+06
4.67478e+06
4.48226e+06
4.67478e+06
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4.67478e+06
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4.67478e+06
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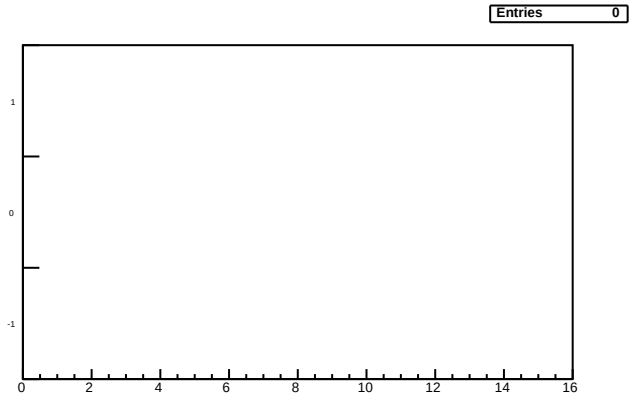
4.67478e+06
212419


Entries 0