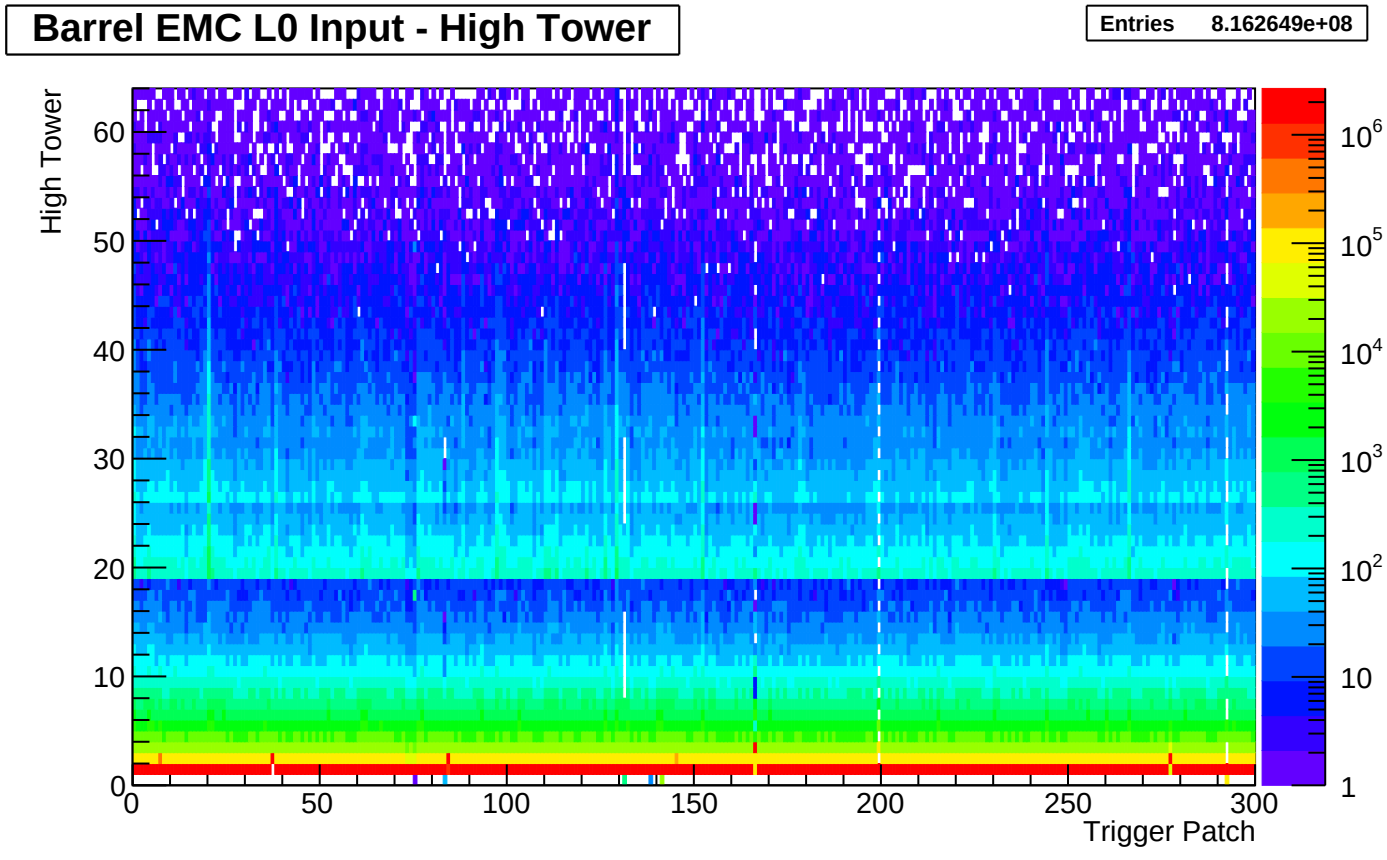
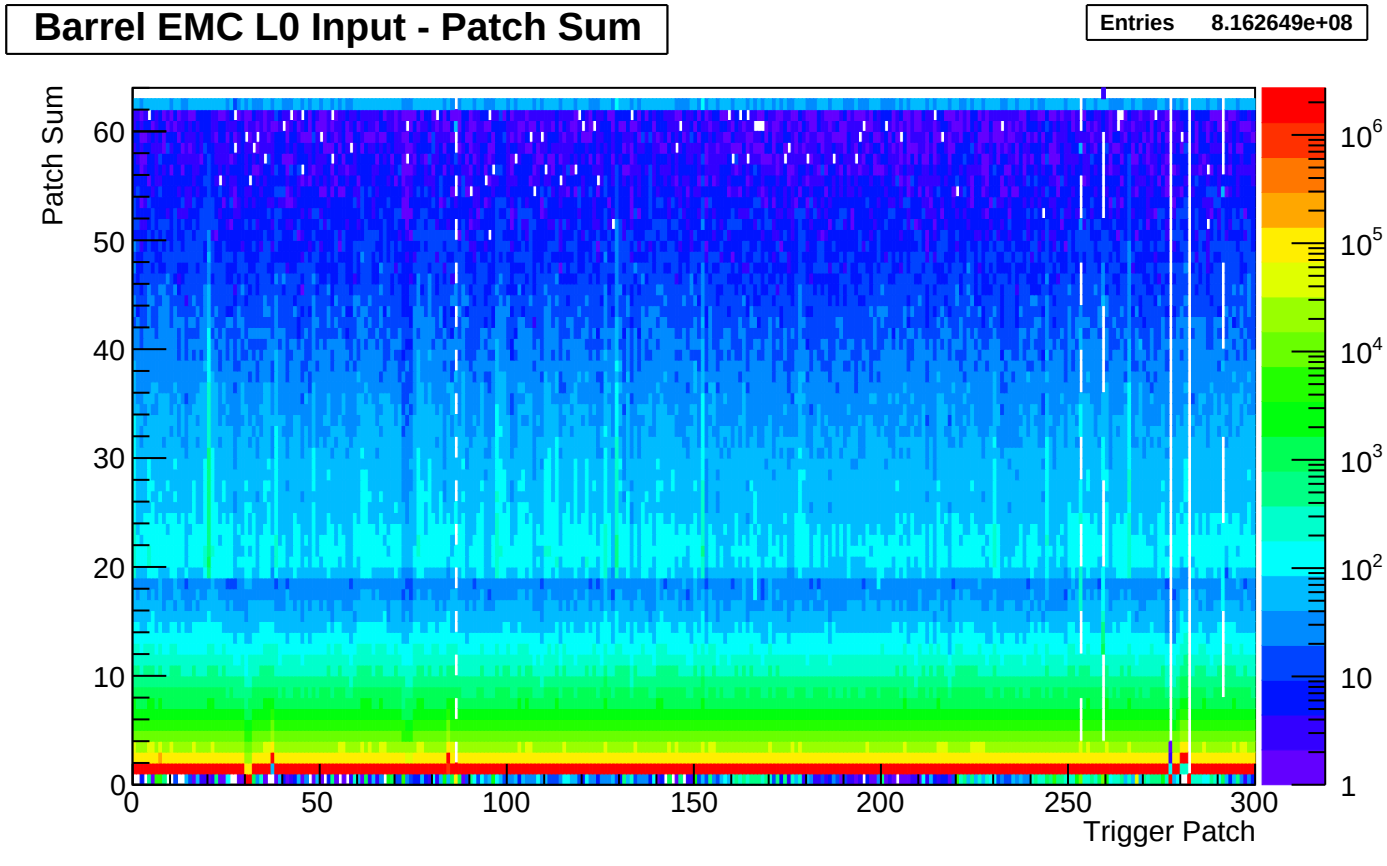
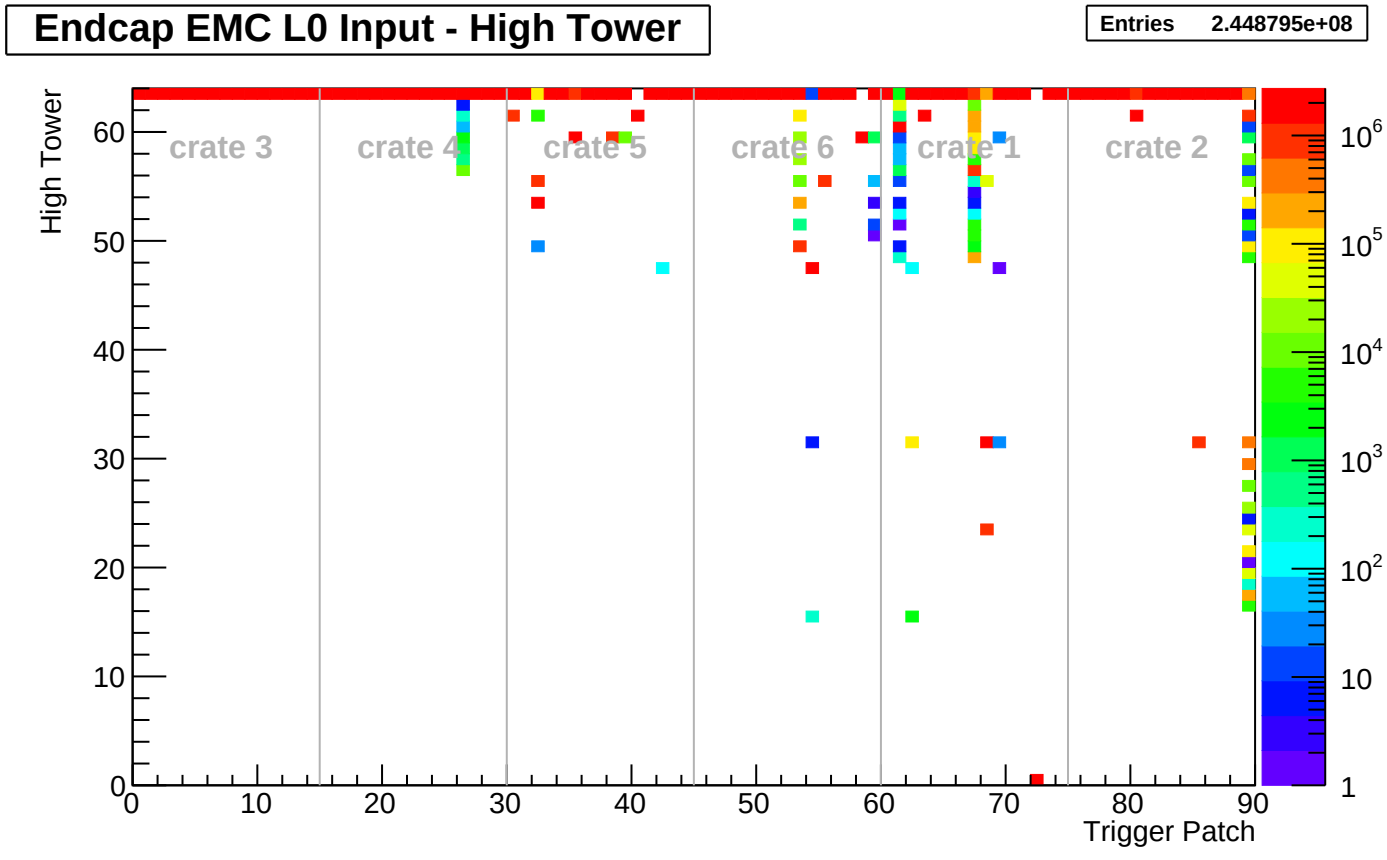
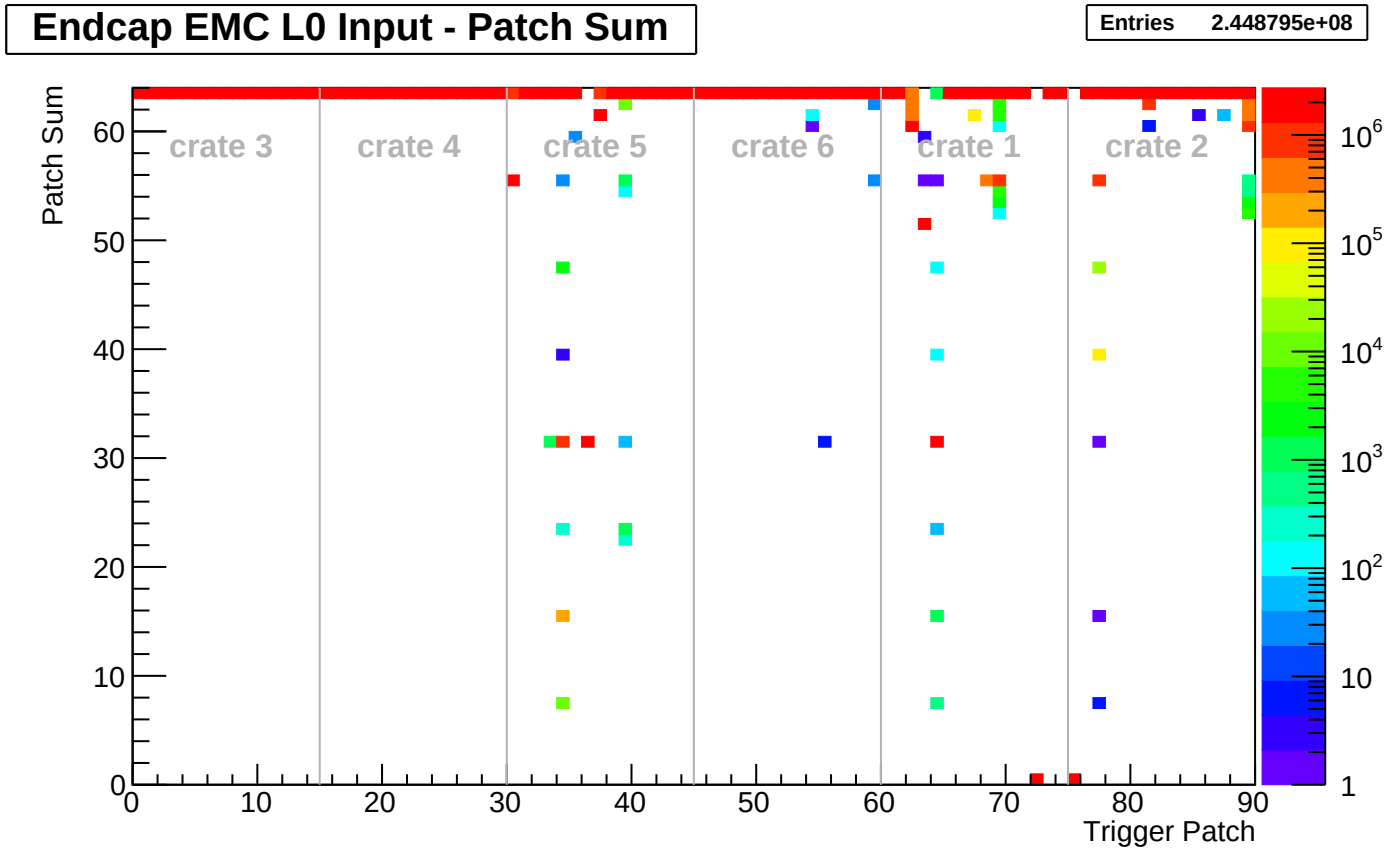
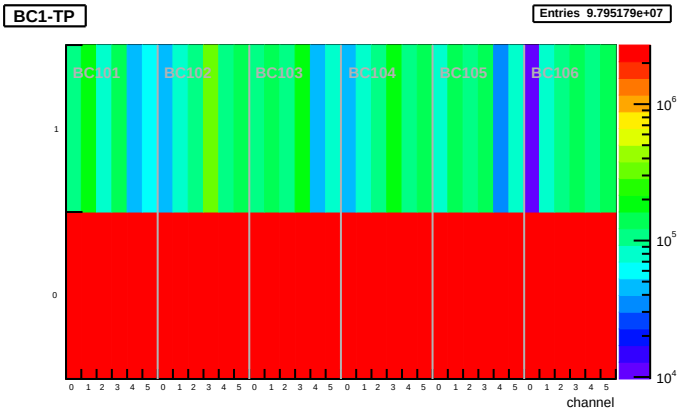
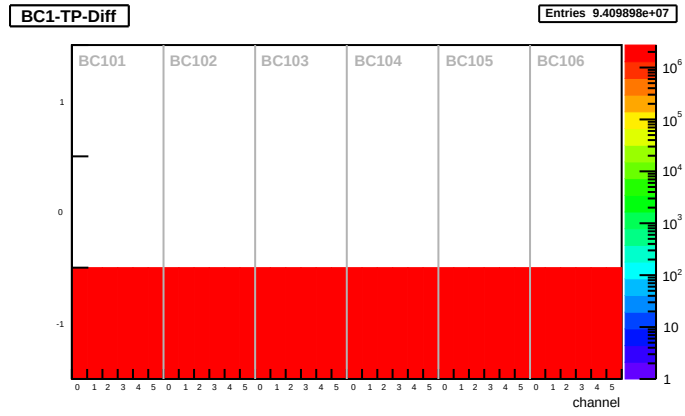

Barrel EMC L0 Input - High Tower
Entries 8.162649e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

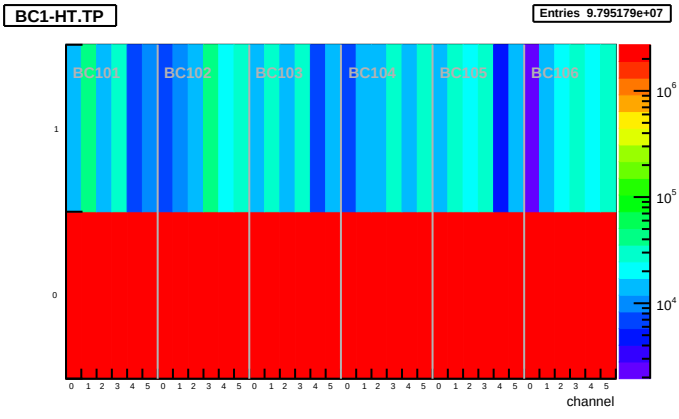

Barrel EMC L0 Input - Patch Sum
Entries 8.162649e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

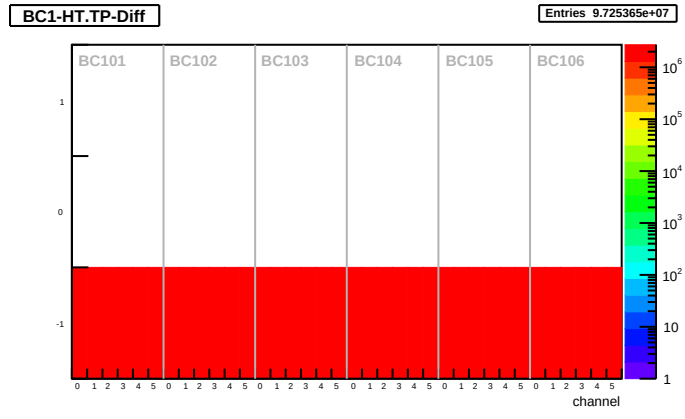

Endcap EMC L0 Input - High Tower
Entries 2.448795e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

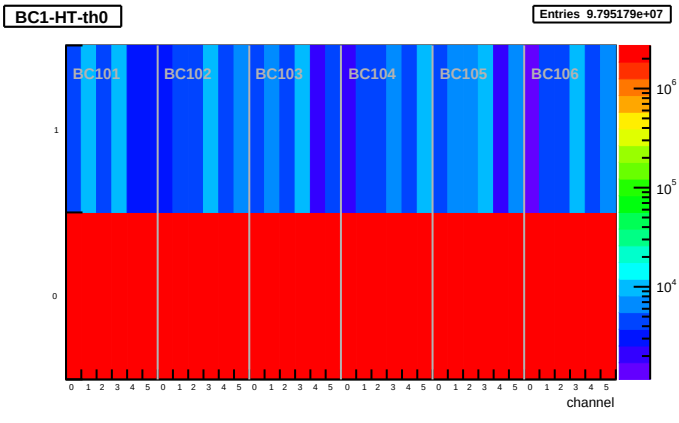

Endcap EMC L0 Input - Patch Sum
Entries 2.448795e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

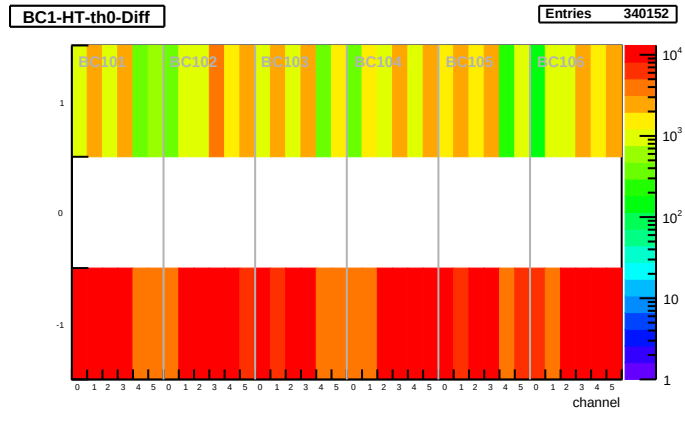

BC1-TP
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

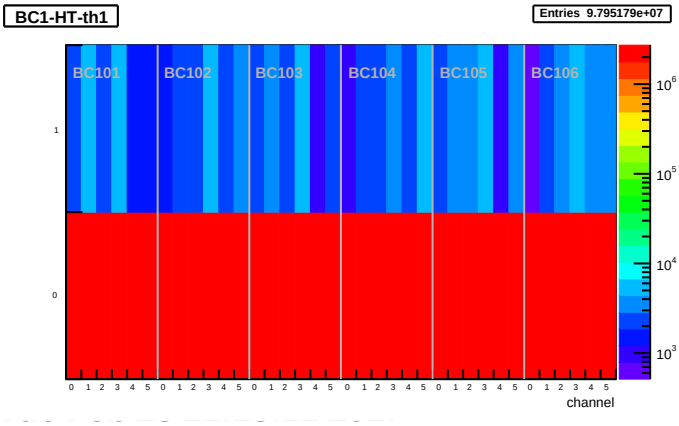

BC1-TP-Diff
Entries 9.409898e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

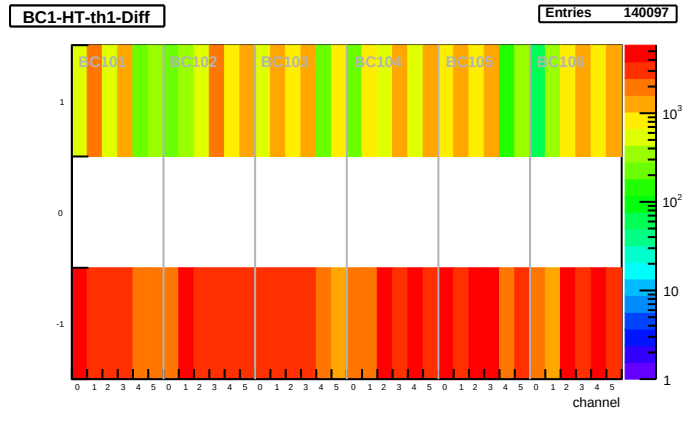

BC1-HT.TP
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

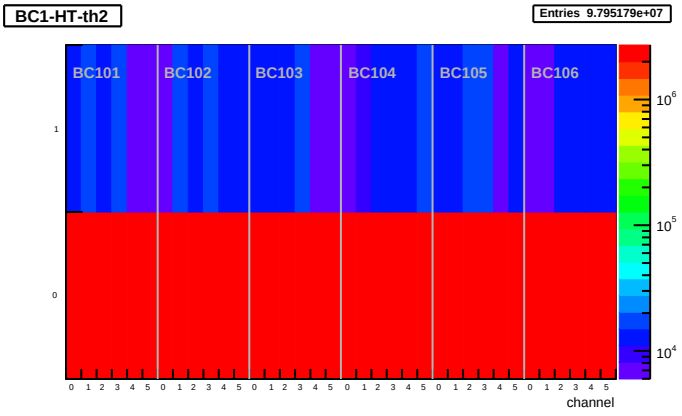

BC1-HT.TP-Diff
Entries 9.725365e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

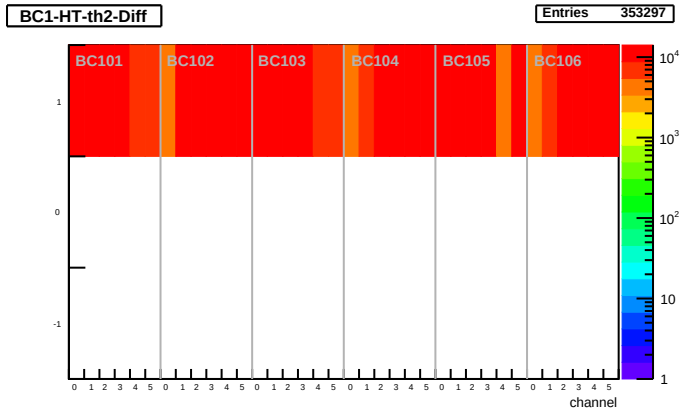

BC1-HT-th0
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

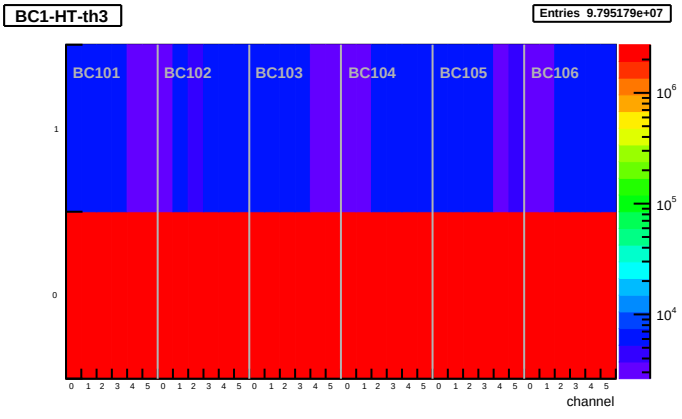

BC1-HT-th0-Diff
Entries 340152
BC101
BC102
BC103
BC104
BC105
BC106
channel

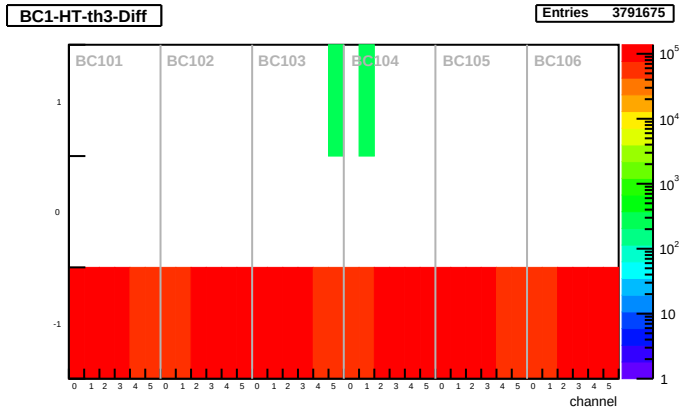

BC1-HT-th1
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

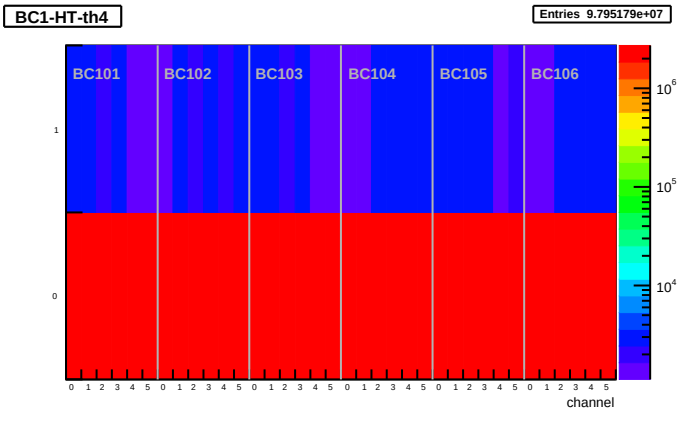

BC1-HT-th1-Diff
Entries 140097
BC101
BC102
BC103
BC104
BC105
BC106
channel

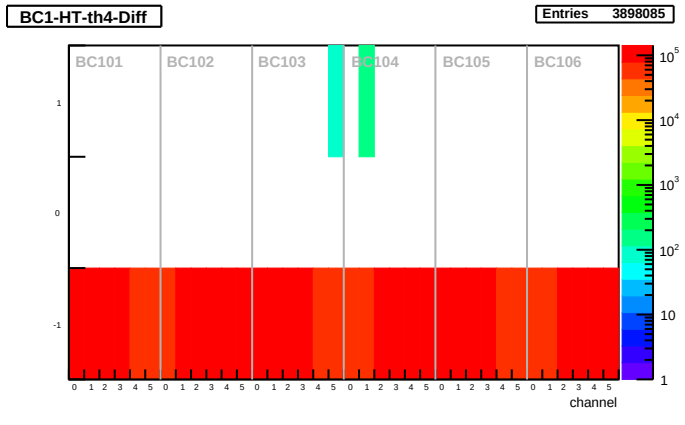

BC1-HT-th2
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

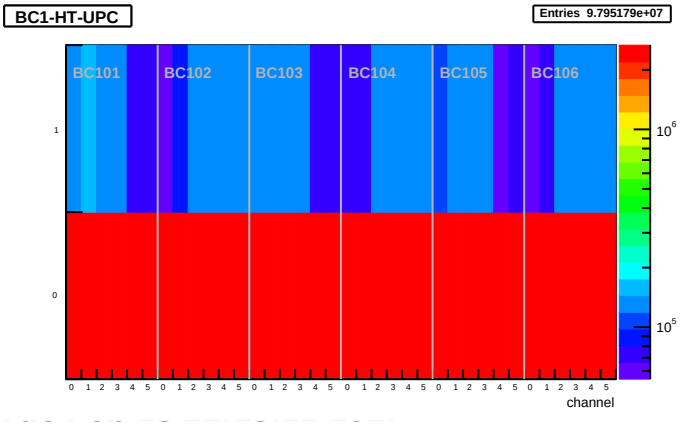

BC1-HT-th2-Diff
Entries 353297
BC101
BC102
BC103
BC104
BC105
BC106
channel

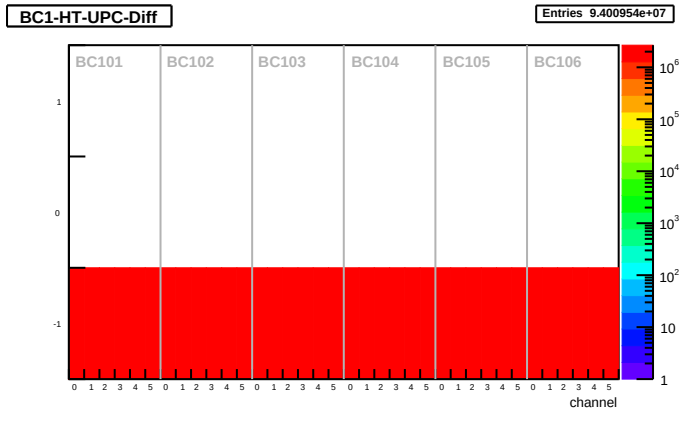

BC1-HT-th3
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

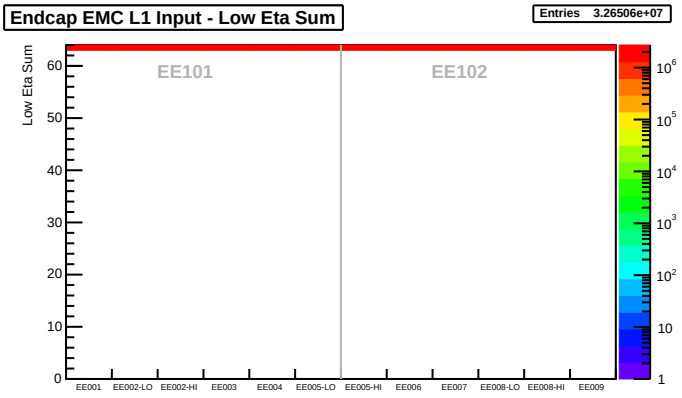

BC1-HT-th3-Diff
Entries 3791675
BC101
BC102
BC103
BC104
BC105
BC106
channel

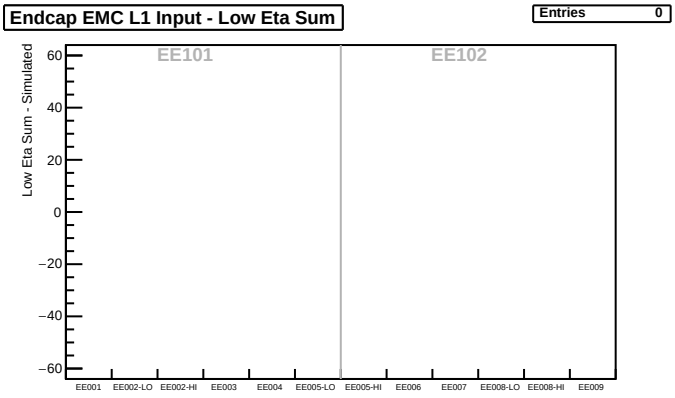

BC1-HT-th4
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

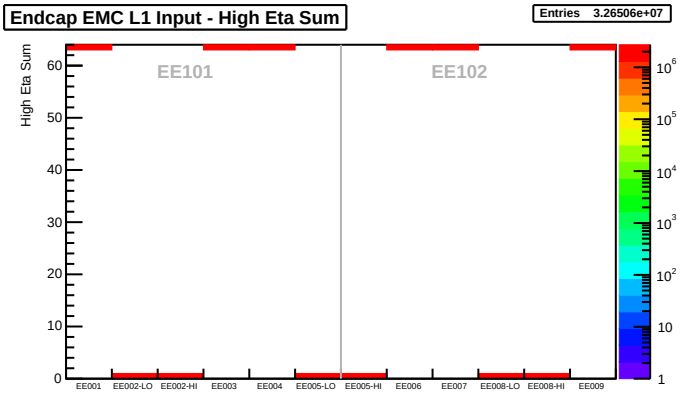

BC1-HT-th4-Diff
Entries 3898085
BC101
BC102
BC103
BC104
BC105
BC106
channel

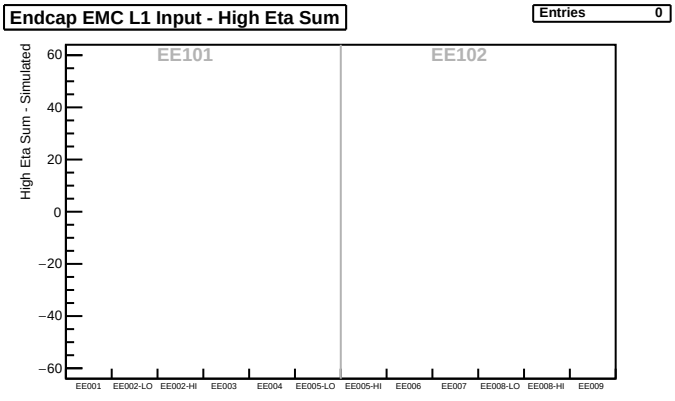

BC1-HT-UPC
Entries 9.795179e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

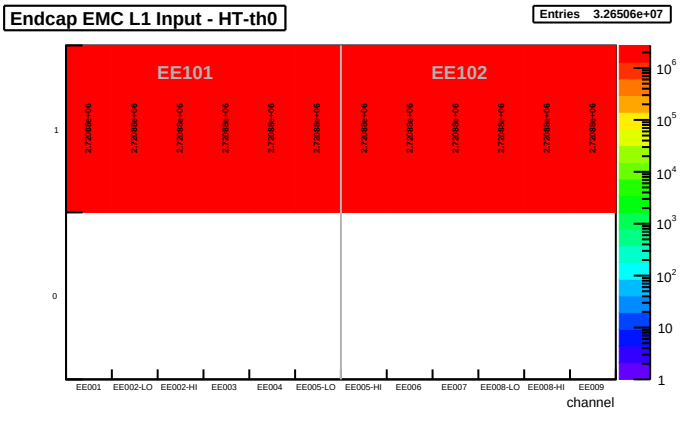

BC1-HT-UPC-Diff
Entries 9.400954e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

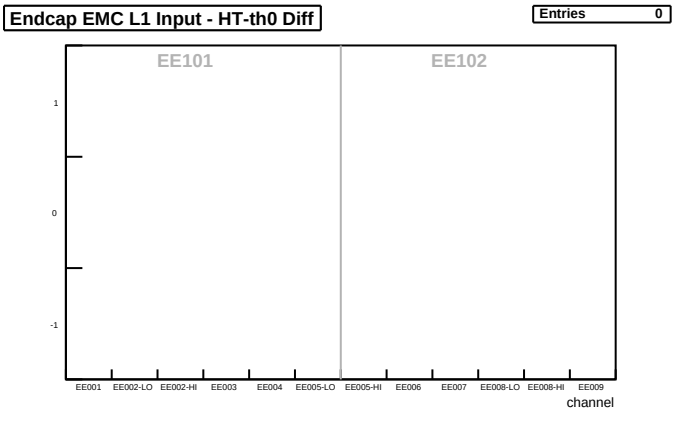

Endcap EMC L1 Input - Low Eta Sum
Entries 3.26506e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

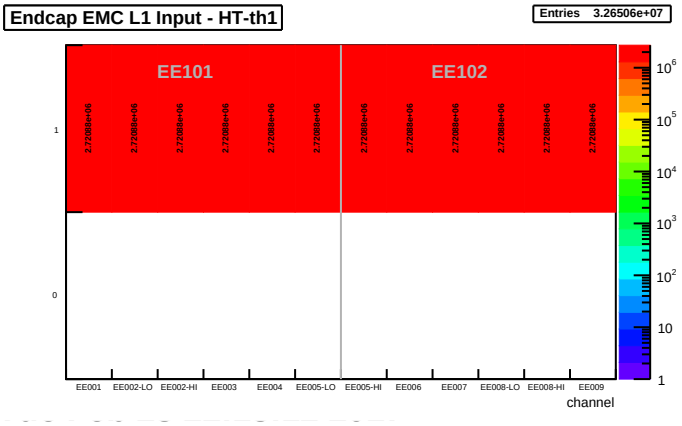

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

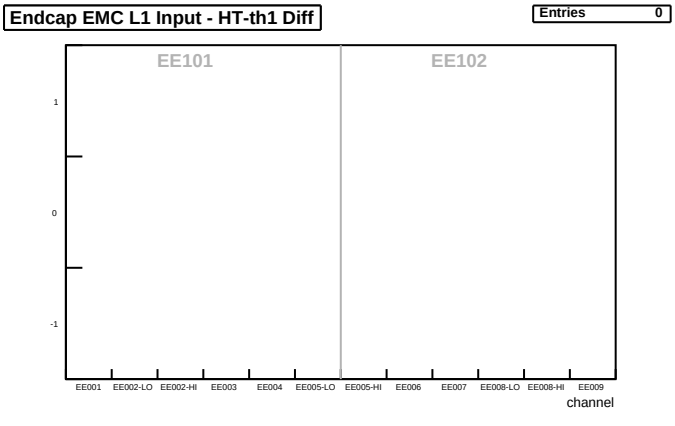

Endcap EMC L1 Input - High Eta Sum
Entries 3.26506e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

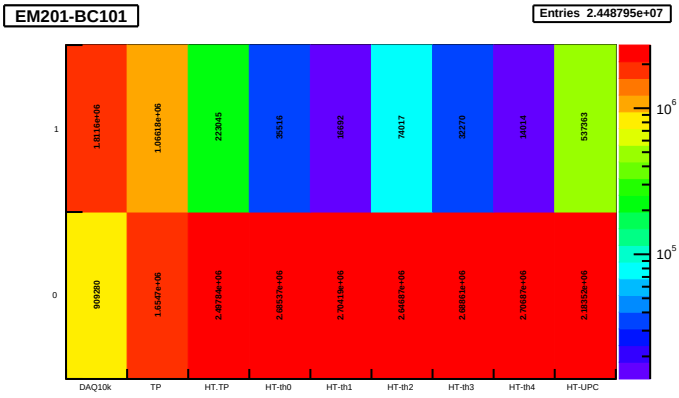

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

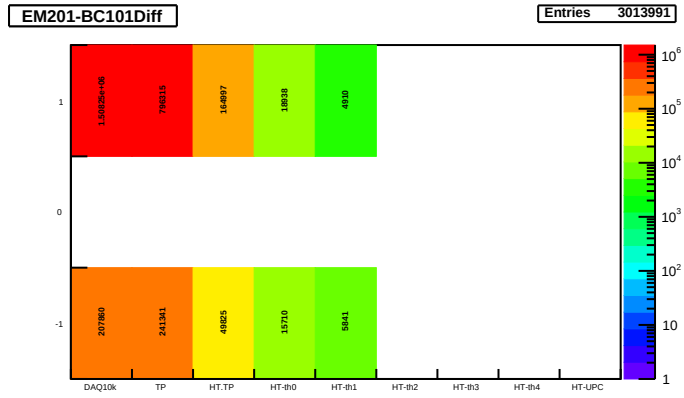

Endcap EMC L1 Input - HT-th0
Entries 3.26506e+07
EE101
EE102
2.72088e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

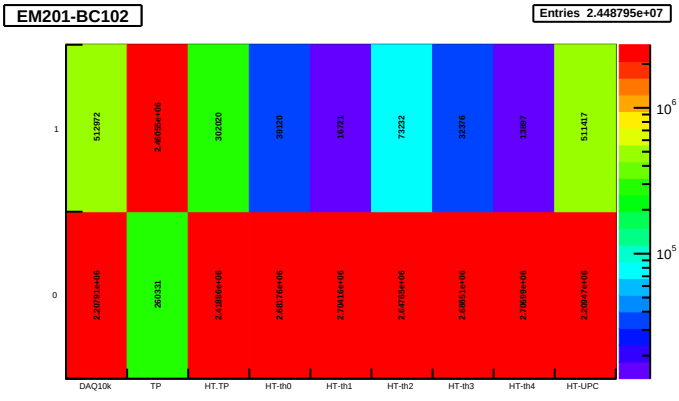

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

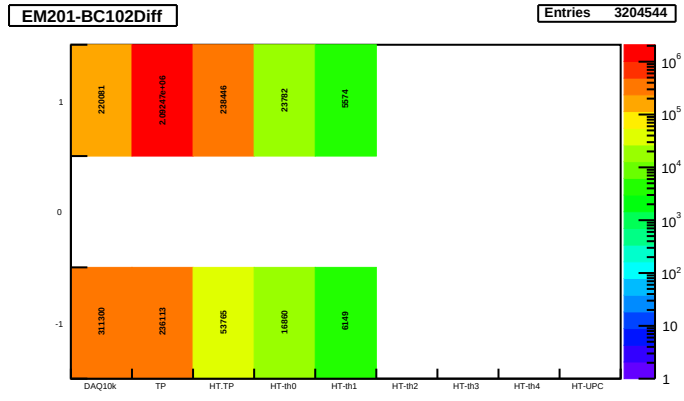

Endcap EMC L1 Input - HT-th1
Entries 3.26506e+07
EE101
EE102
2.72088e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

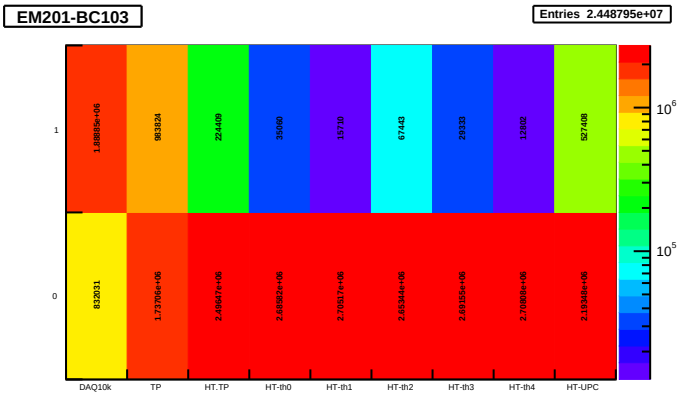

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

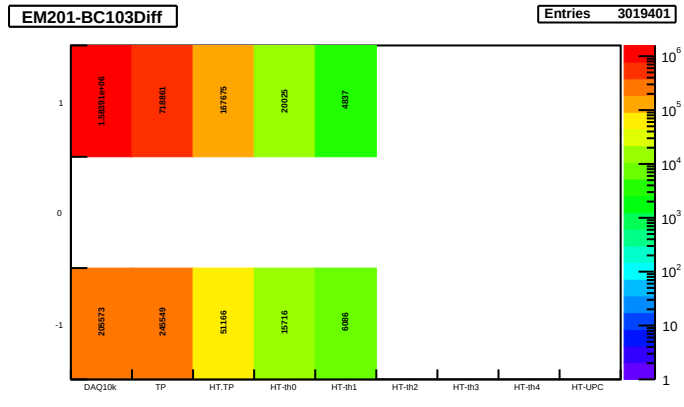

EM201-BC101
Entries 2.448795e+07
1.6116e+06
1.0661e+06
223945
35516
16692
74017
32270
14014
537363
909280
1.6547e+06
2.6738e+06
2.6853e+06
2.7041e+06
2.6663e+06
2.6886e+06
2.7068e+06
2.1835e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

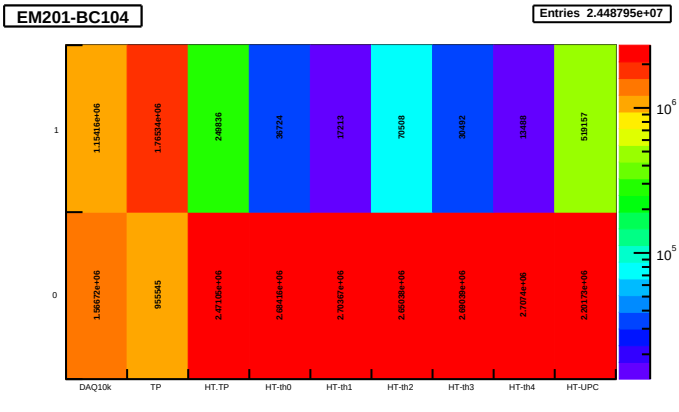

EM201-BC101Diff
Entries 3013991
1.50825e+06
796515
164997
18838
4930
207860
241341
49825
15710
5841
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

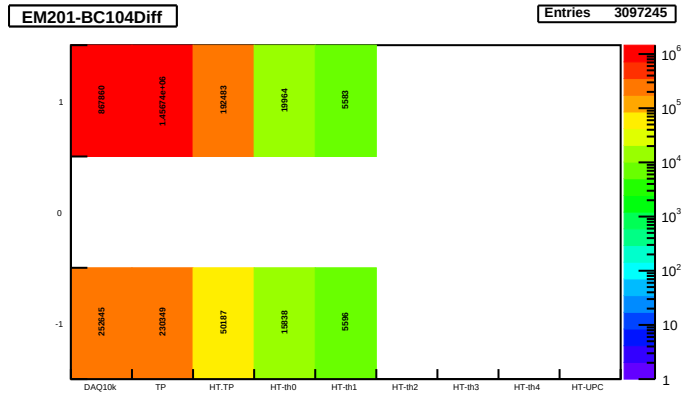

EM201-BC102
Entries 2.448795e+07
512972
2.4605e+06
302020
39320
15721
73232
32376
13887
511417
2.20791e+06
260331
2.41886e+06
2.68176e+06
2.70416e+06
2.64705e+06
2.68951e+06
2.70599e+06
2.20947e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 3204544
220081
2.09247e+06
238446
23782
5574
311300
236113
53765
16860
6149
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

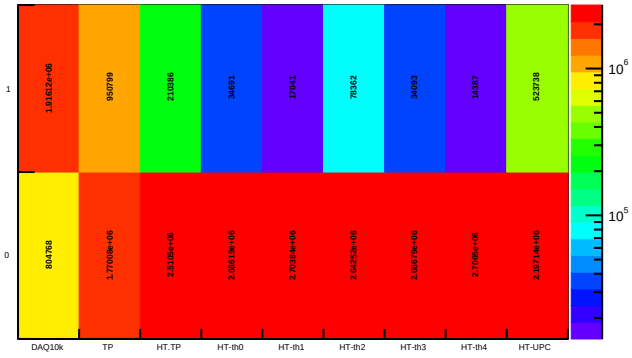

EM201-BC103
Entries 2.448795e+07
1.68883e+06
983824
224409
35360
15710
67443
29333
12202
527408
832031
1.7370e+06
2.49567e+06
2.68582e+06
2.70317e+06
2.65344e+06
2.69155e+06
2.70088e+06
2.19348e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 3019401
1.56891e+06
719881
167675
20025
4837
205573
245549
51166
15716
6086
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

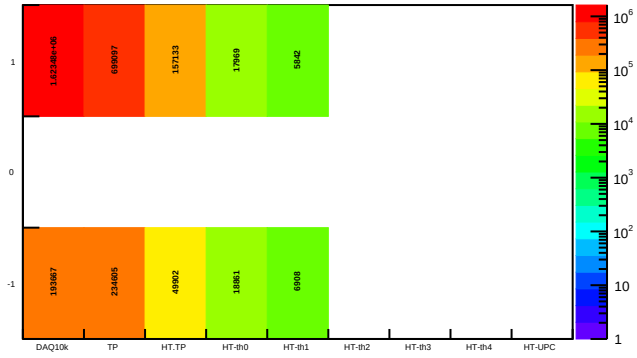

EM201-BC104
Entries 2.448795e+07
1.15416e+06
1.76534e+06
248136
38724
17213
70508
30482
13468
519157
1.56672e+06
955545
2.47105e+06
2.68418e+06
2.70387e+06
2.65039e+06
2.69039e+06
2.7074e+06
2.20172e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 3097245
867860
1.45674e+06
182483
19964
5583
252645
230349
50187
15838
5596
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

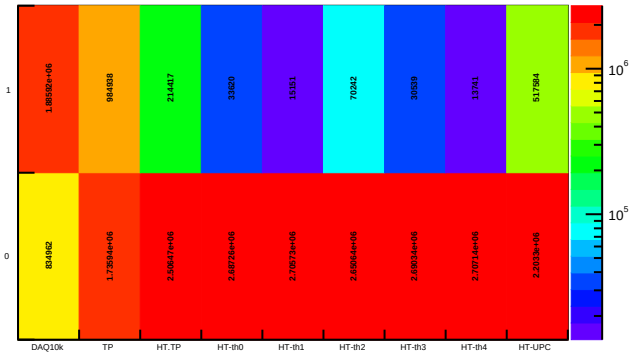
EM201-BC105 Entries 2.448795e+07



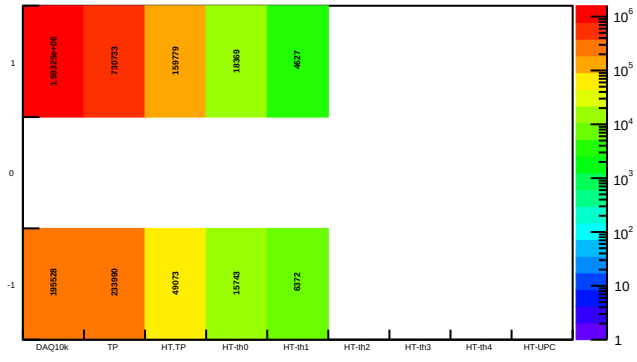
EM201-BC105Diff Entries 3007459



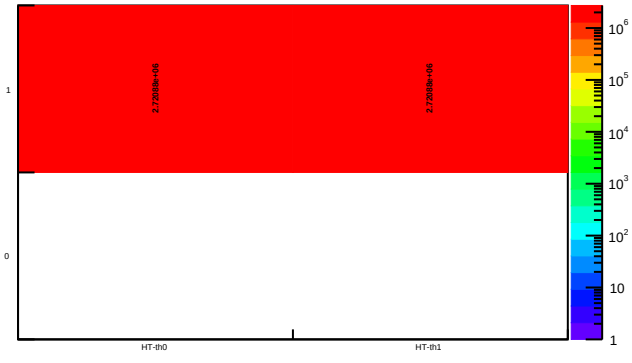
EM201-BC106 Entries 2.448795e+07



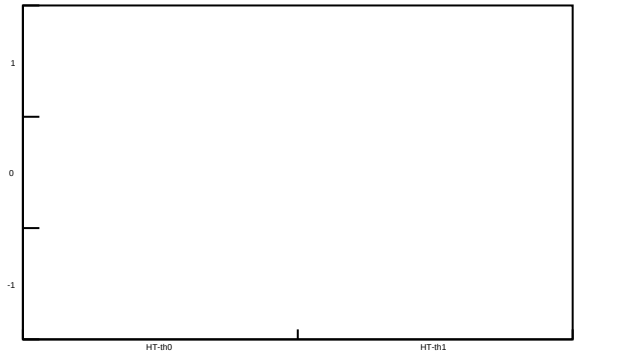
EM201-BC106Diff Entries 3007468



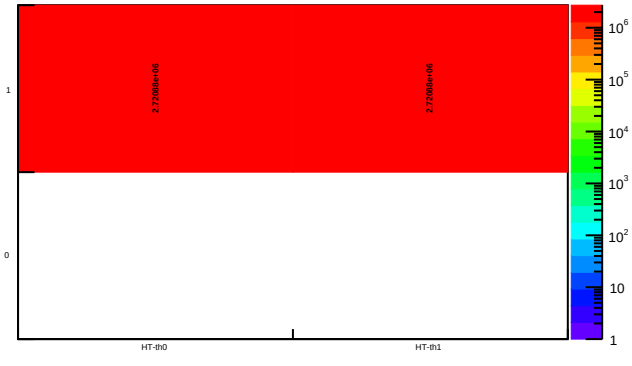
EM201-EE101 Entries 5441766



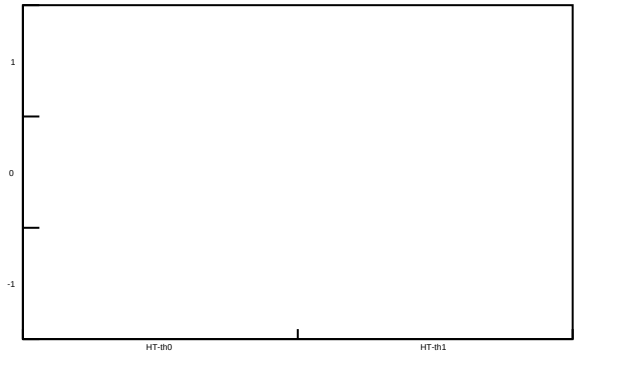
EM201-EE101Diff Entries 0

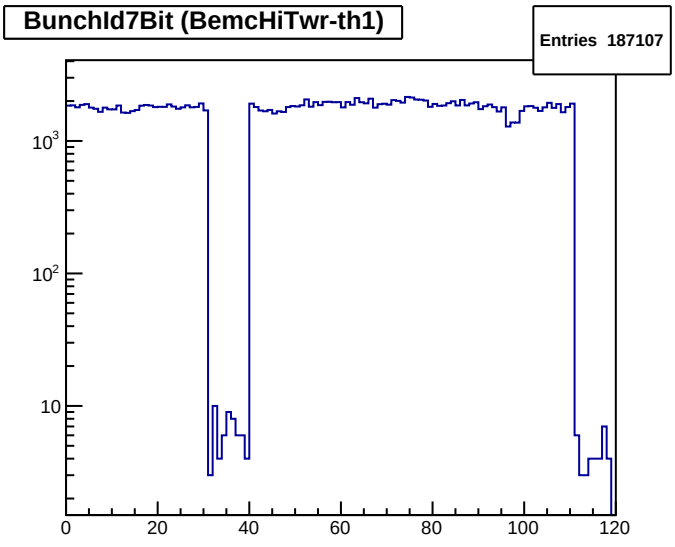


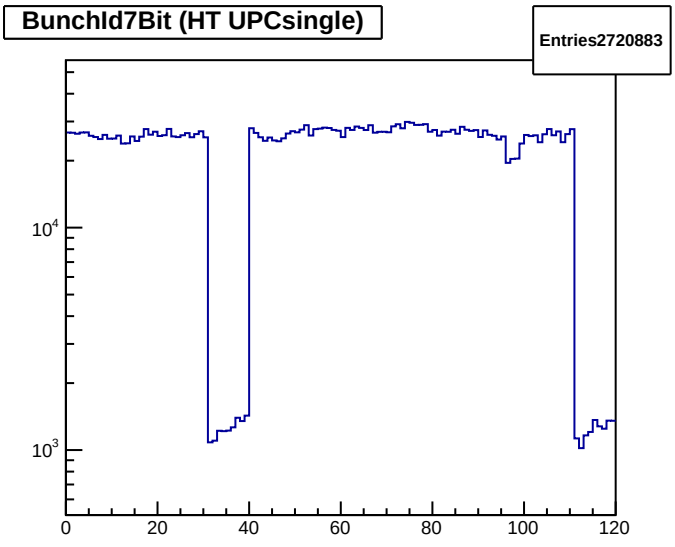
EM201-EE102 Entries 5441766

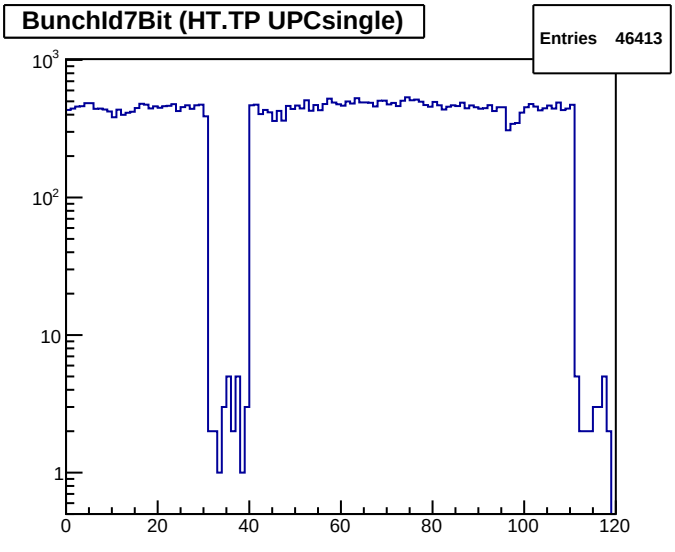


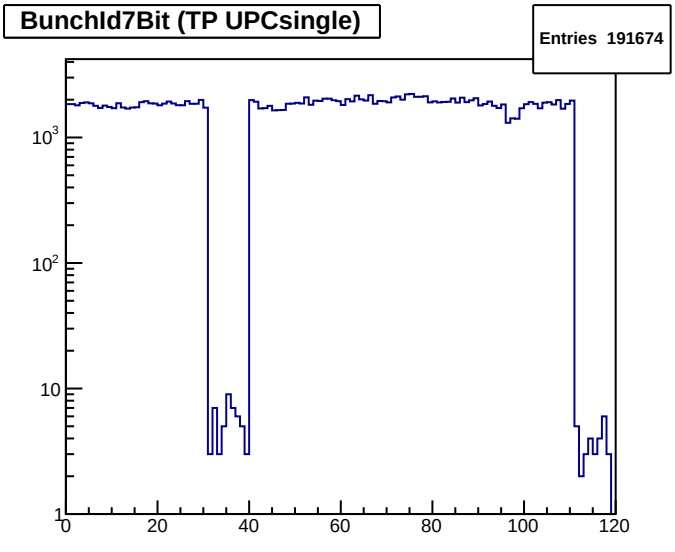
EM201-EE102Diff Entries 0

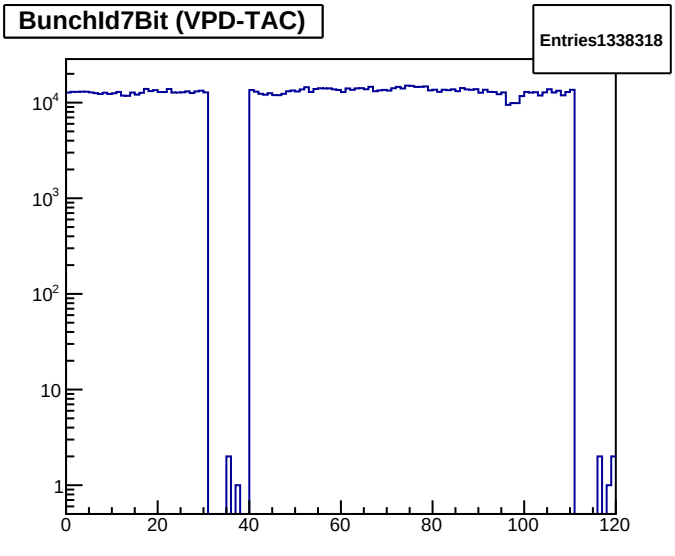


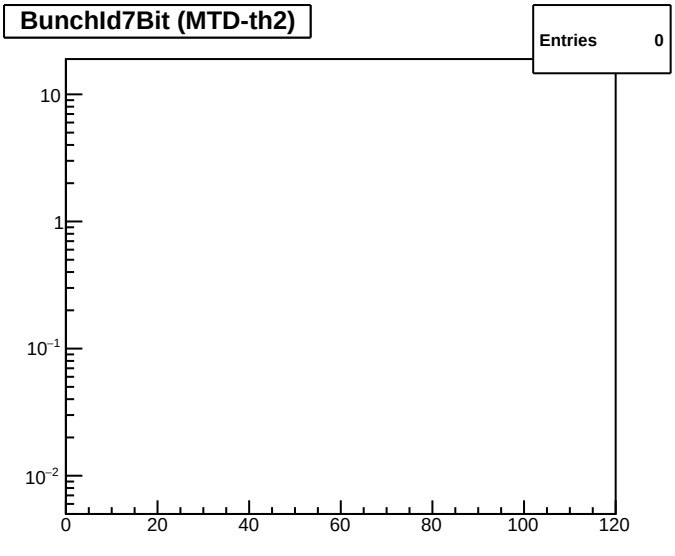

BunchId7Bit (BemcHiTwr-th1)
Entries 187107
10^3
10^2
10
0 20 40 60 80 100 120

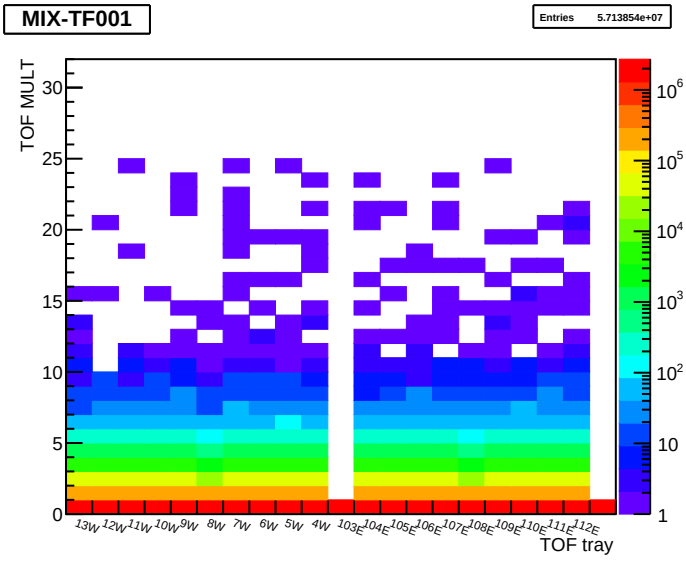

BunchId7Bit (HT UPCsingle)
Entries2720883
10^4
10^3
0 20 40 60 80 100 120

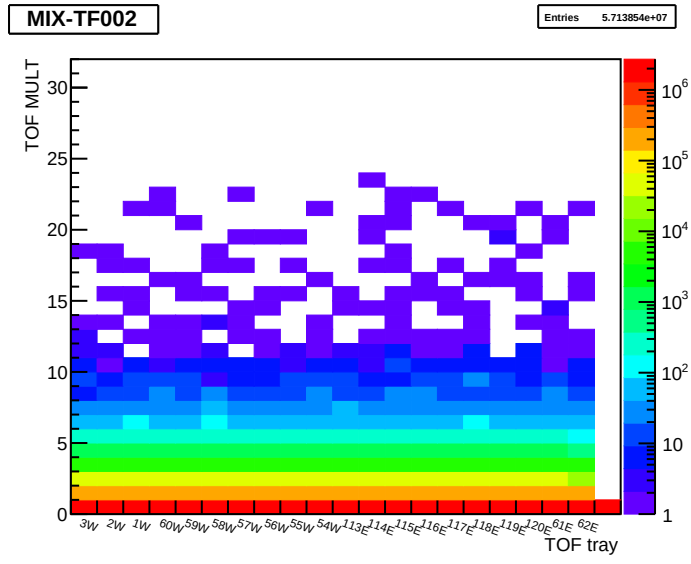

BunchId7Bit (HT.TP UPCsingle)
Entries 46413
10^3
10^2
10
1
0 20 40 60 80 100 120

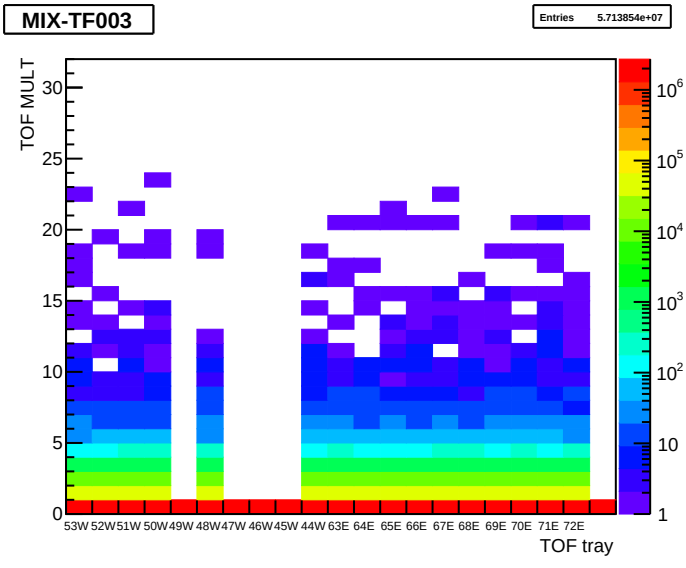

BunchId7Bit (TP UPCsingle)
Entries 191674
10^3
10^2
10
1
0 20 40 60 80 100 120

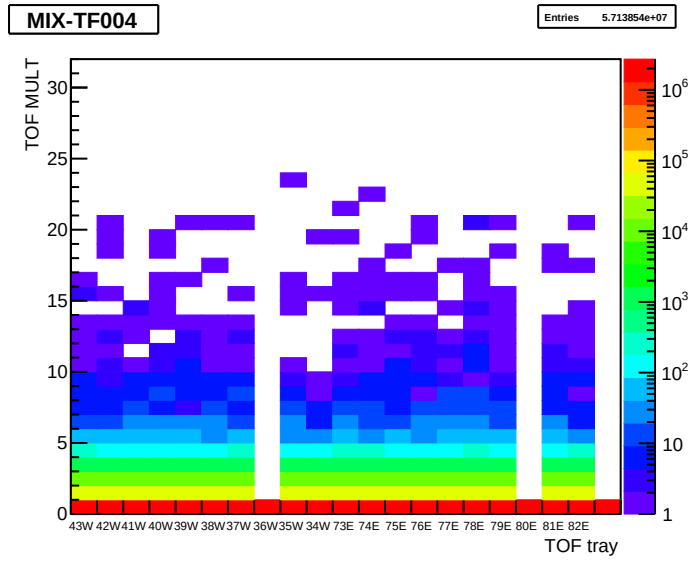

BunchId7Bit (VPD-TAC)
Entries1338318
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

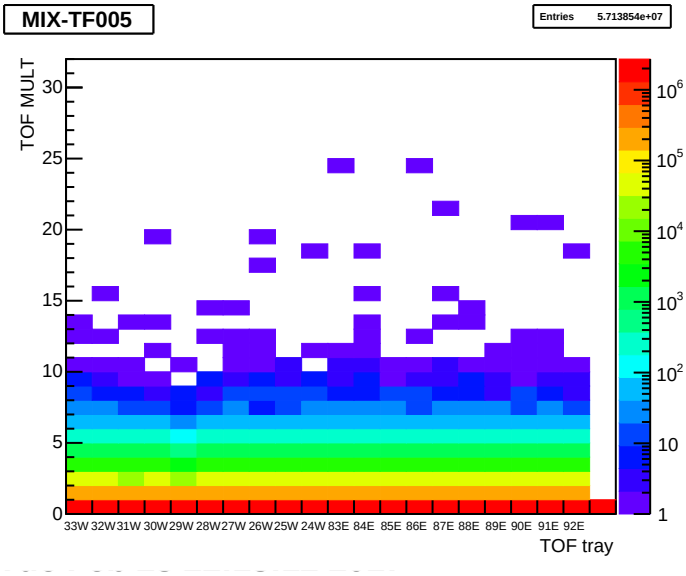

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

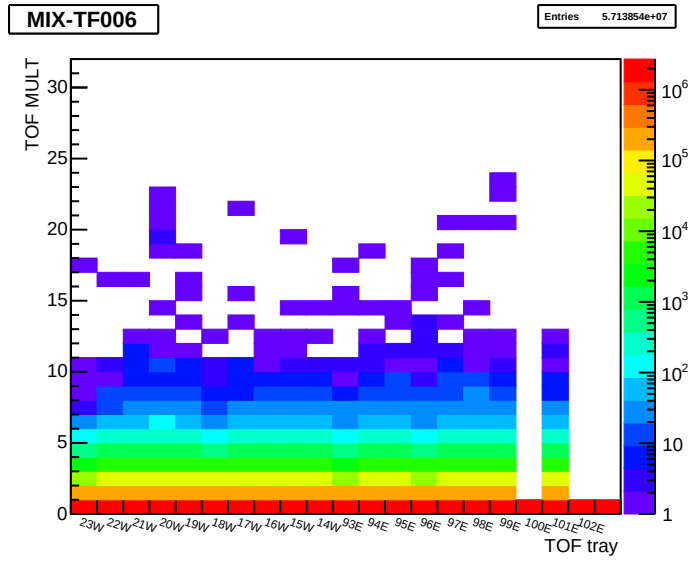

MIX-TF001
Entries 5.713854e+07
TOF MULT
TOF tray

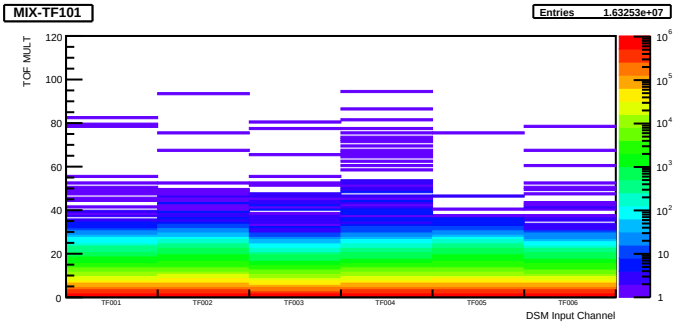

MIX-TF002
Entries 5.713854e+07
TOF MULT
TOF tray

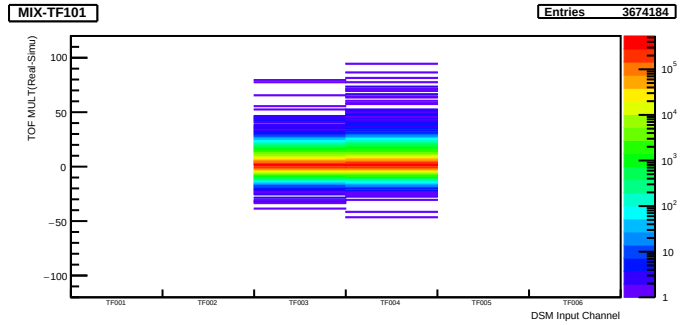

MIX-TF003
Entries 5.713854e+07
TOF MULT
TOF tray

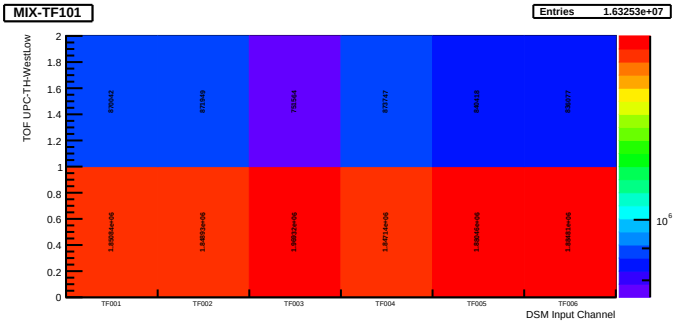

MIX-TF004
Entries 5.713854e+07
TOF MULT
TOF tray

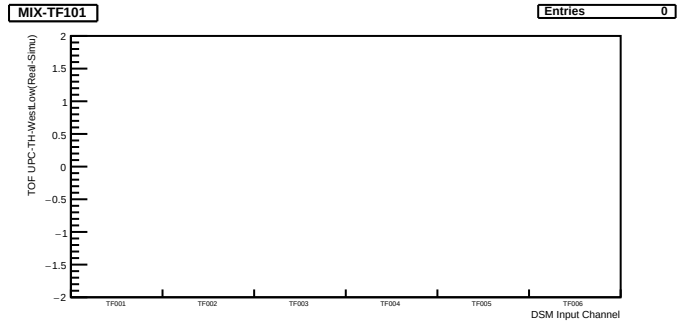

MIX-TF005
Entries 5.713854e+07
TOF MULT
TOF tray

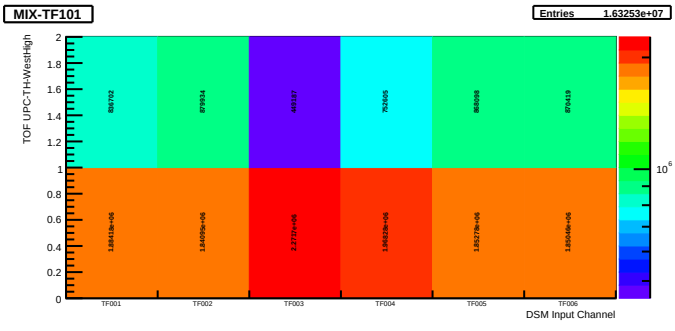

MIX-TF006
Entries 5.713854e+07
TOF MULT
TOF tray

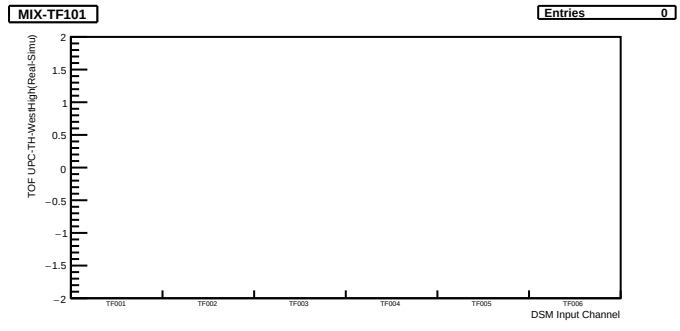

MIX-TF101
Entries 1.63253e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

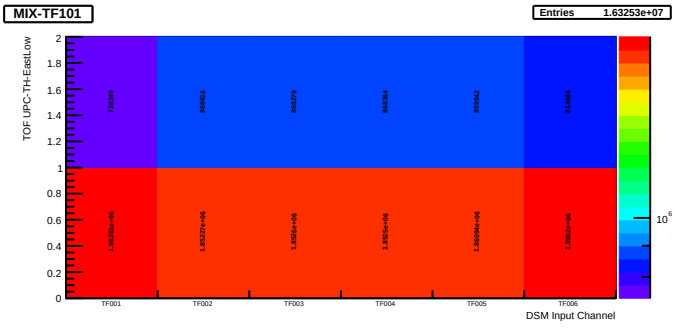

MIX-TF101
Entries 3674184
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

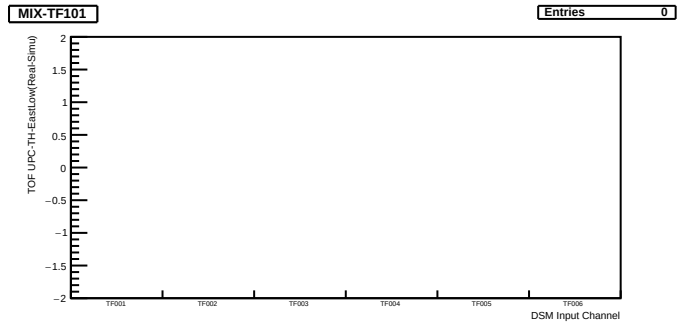

MIX-TF101
Entries 1.63253e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

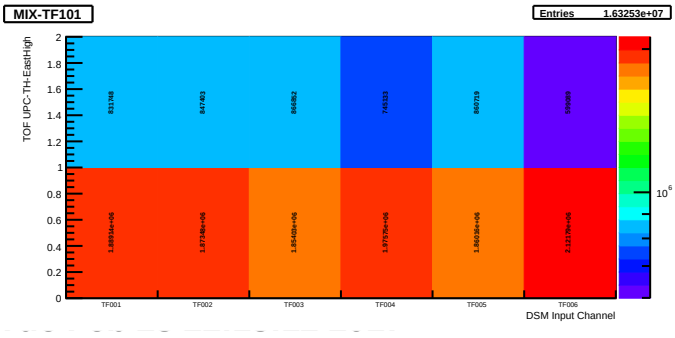

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

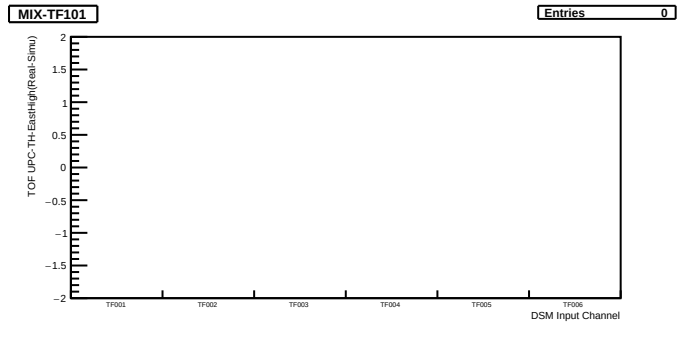

MIX-TF101
Entries 1.63253e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

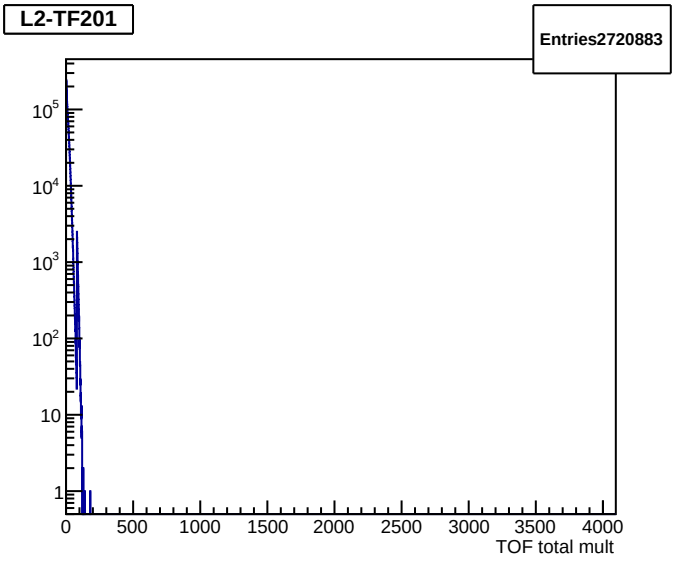

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

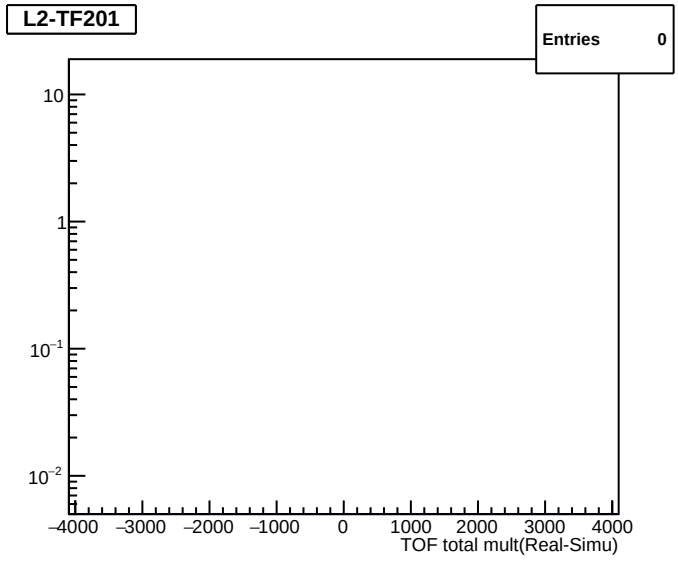

MIX-TF101
Entries 1.63253e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

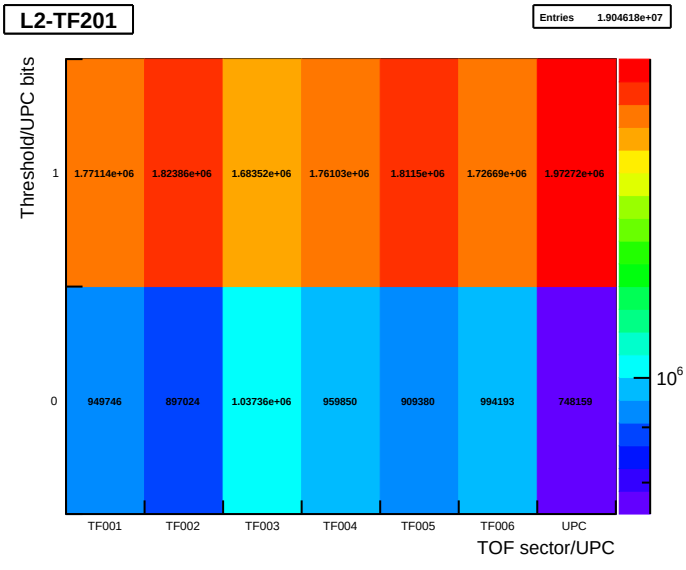

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

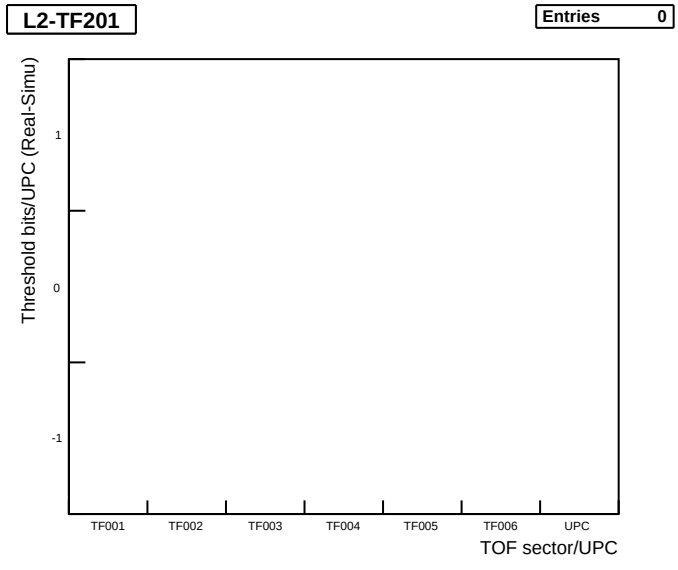

MIX-TF101
Entries 1.63253e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

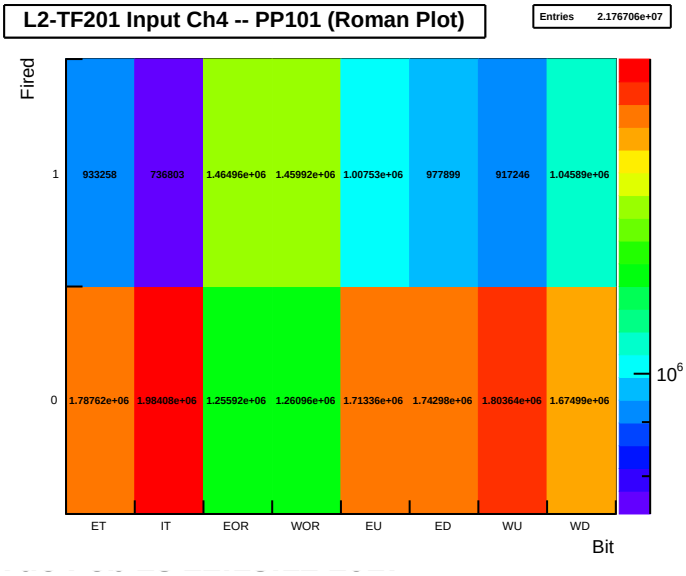

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

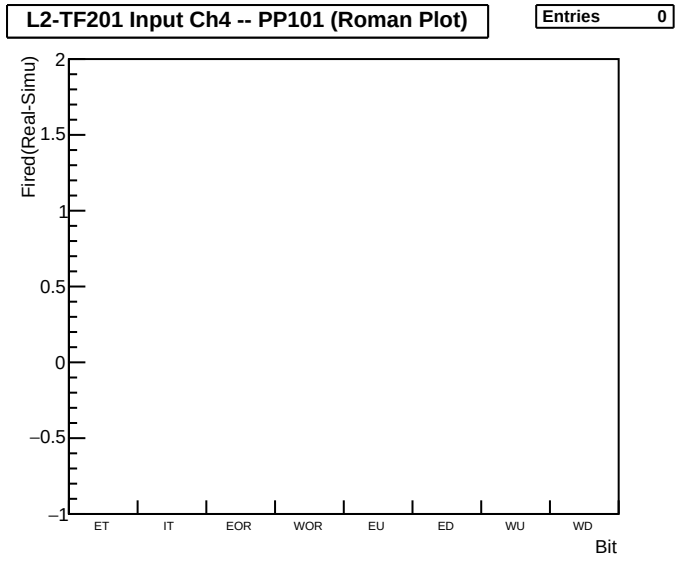

L2-TF201
Entries2720883
TOF total mult

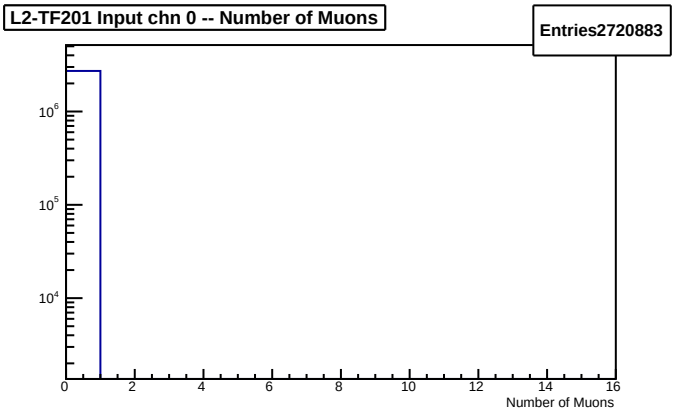

L2-TF201
Entries 0
TOF total mult(Real-Simu)

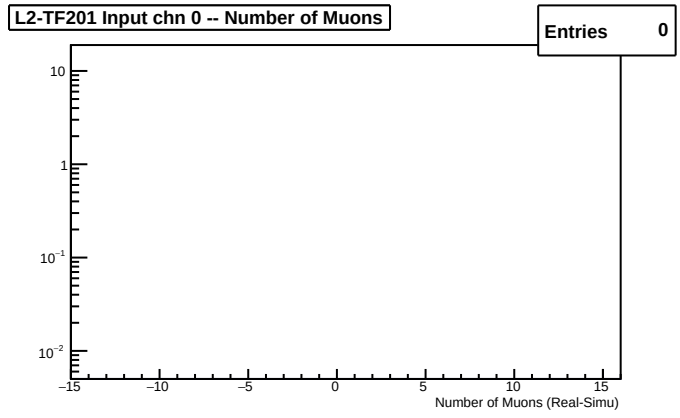

L2-TF201
Entries 1.904618e+07
Threshold/UPC bits
1.77114e+06
1.82386e+06
1.68352e+06
1.76103e+06
1.8115e+06
1.72669e+06
1.97272e+06
949746
897024
1.03736e+06
959850
909380
994193
748159
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

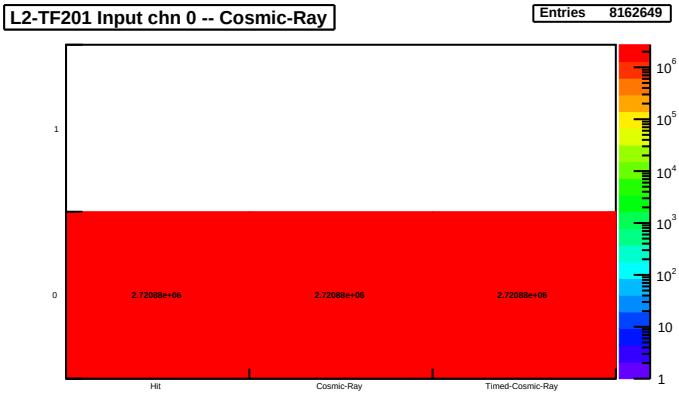

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

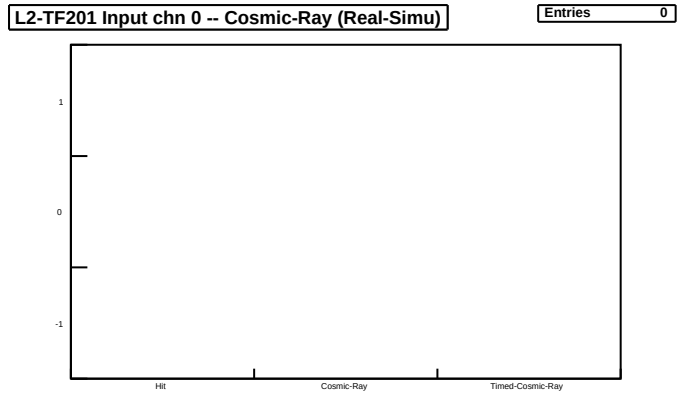

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.176706e+07
Fired
933258
736803
1.46496e+06
1.45992e+06
1.00753e+06
977899
917246
1.04589e+06
1.78762e+06
1.98408e+06
1.25592e+06
1.26096e+06
1.71336e+06
1.74298e+06
1.80364e+06
1.67499e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

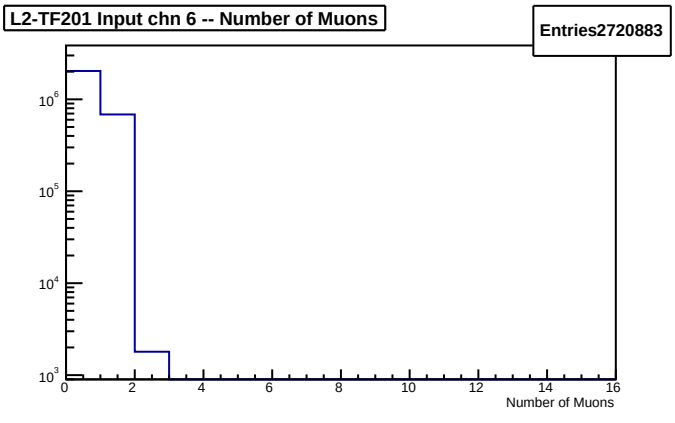

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

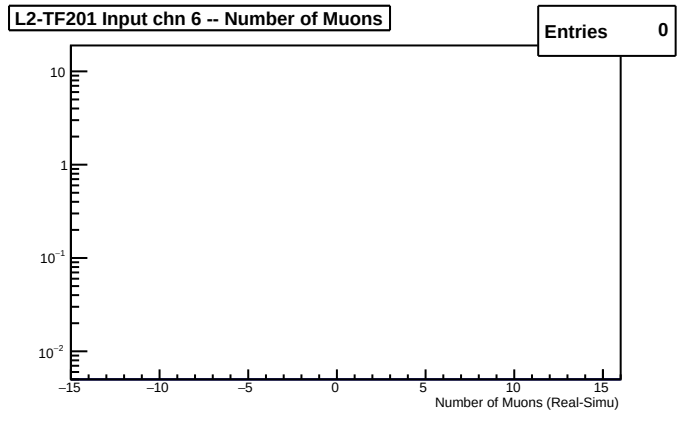

L2-TF201 Input chn 0 -- Number of Muons
Entries2720883
Number of Muons

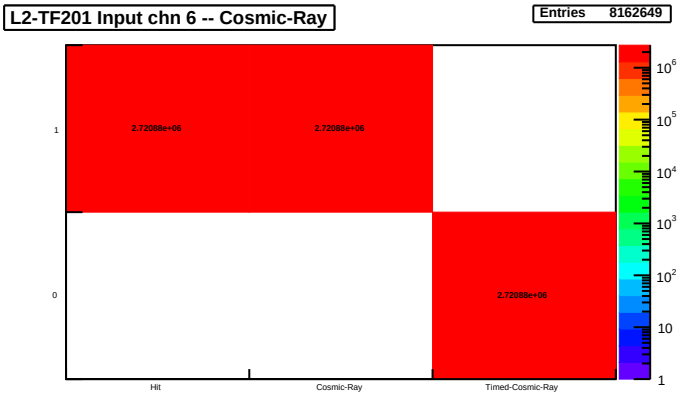

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

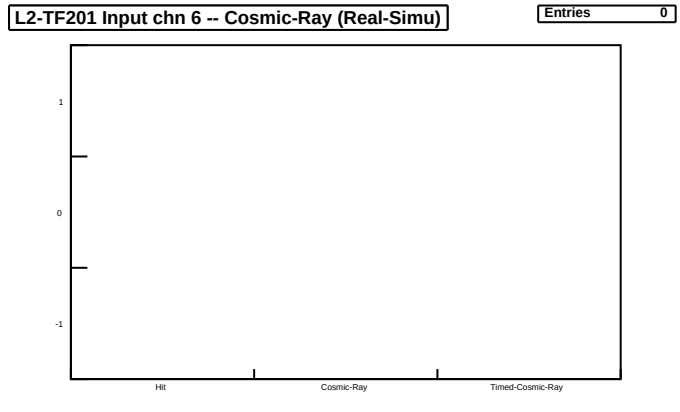

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8162649
2.72088e+06
2.72088e+06
2.72088e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

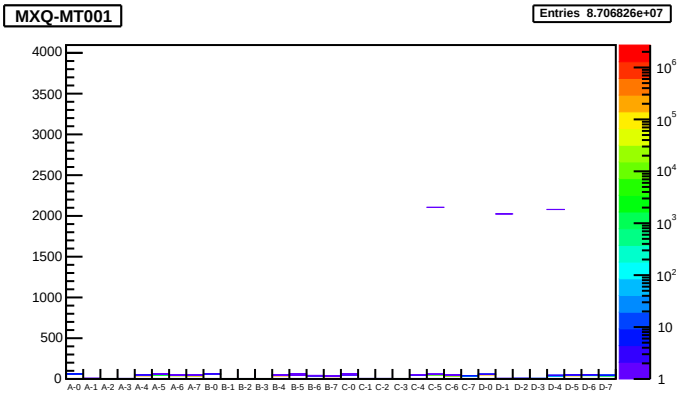

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

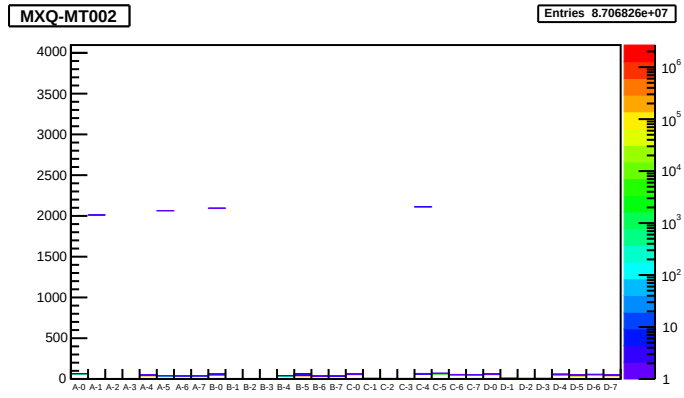

L2-TF201 Input chn 6 -- Number of Muons
Entries2720883
Number of Muons

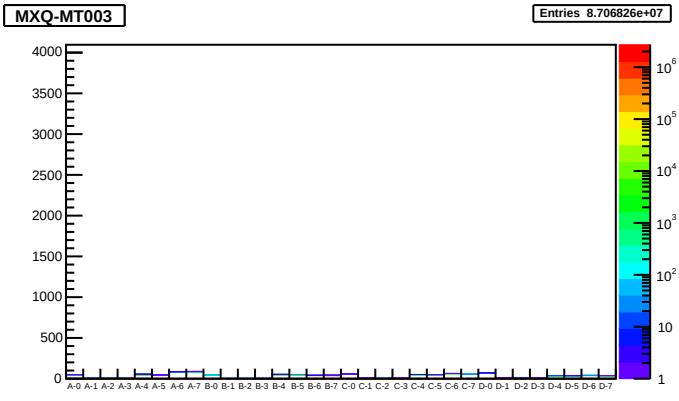

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

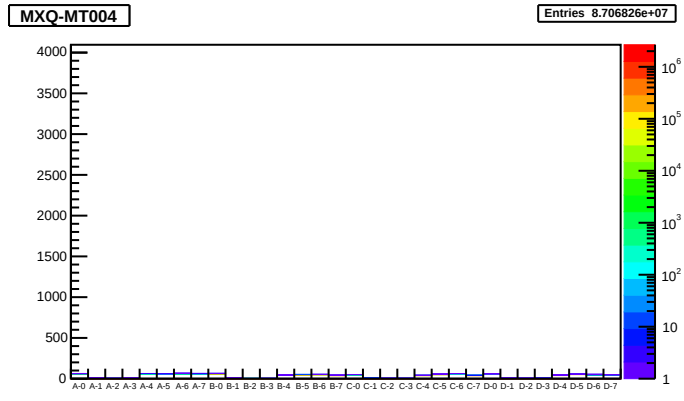

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 8162649
2.72088e+06
2.72088e+06
2.72088e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

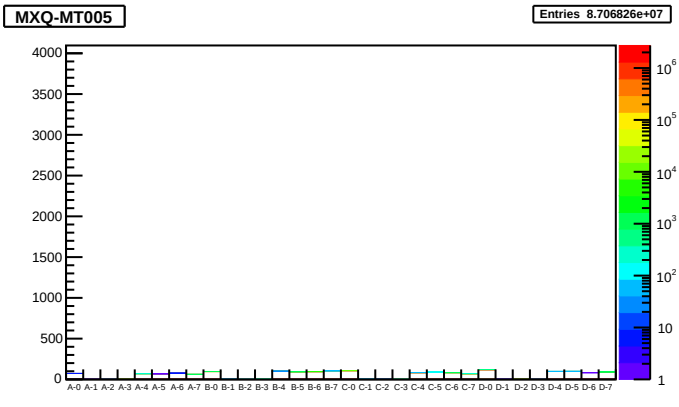

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

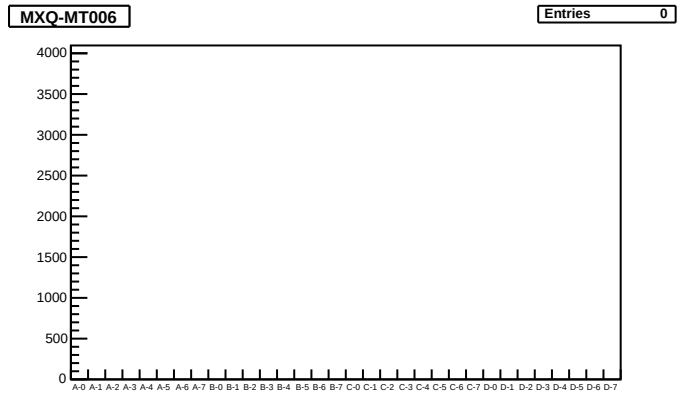

MXQ-MT001
Entries 8.706826e+07

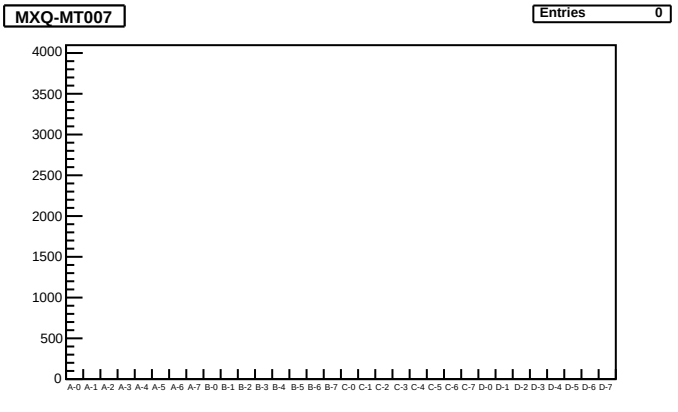

MXQ-MT002
Entries 8.706826e+07

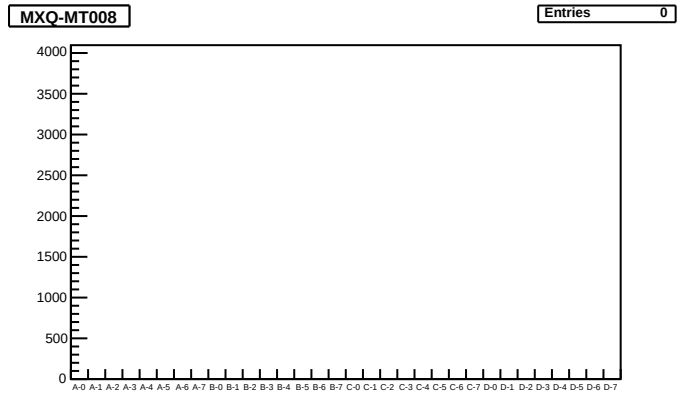

MXQ-MT003
Entries 8.706826e+07

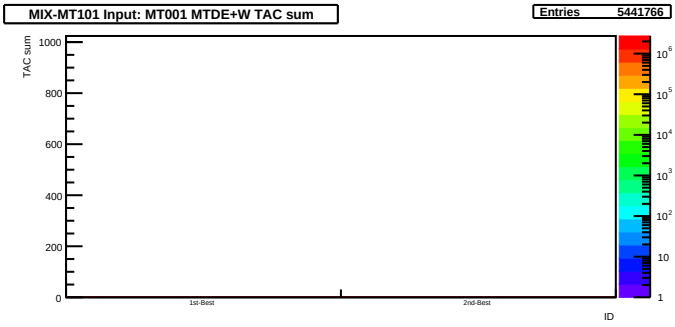

MXQ-MT004
Entries 8.706826e+07

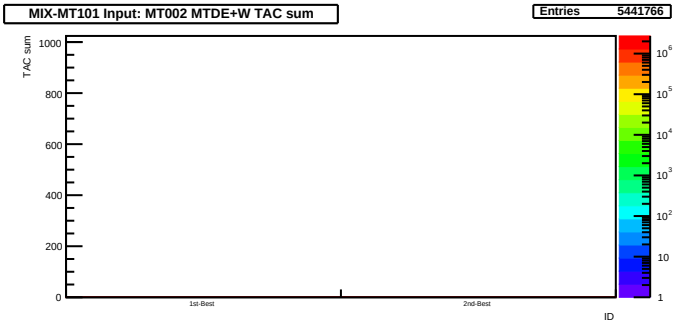

MXQ-MT005
Entries 8.706826e+07

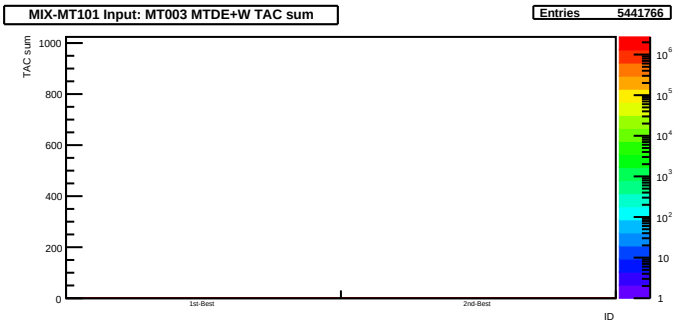

MXQ-MT006
Entries 0

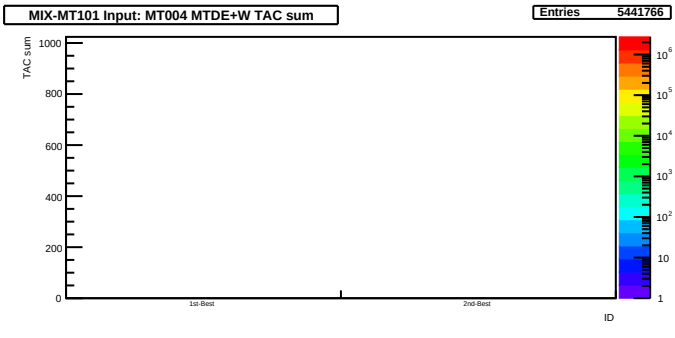

MXQ-MT007
Entries 0

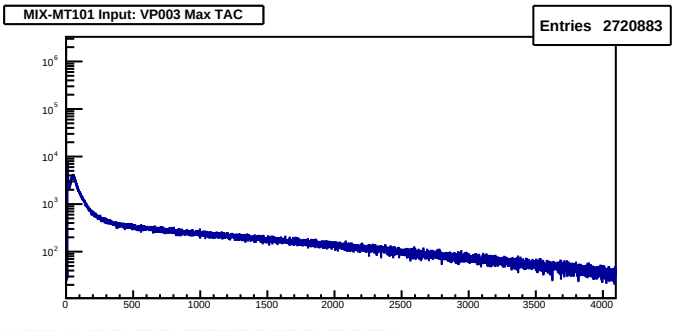

MXQ-MT008
Entries 0

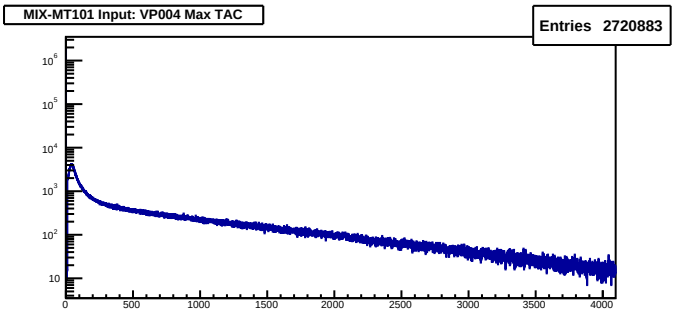

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

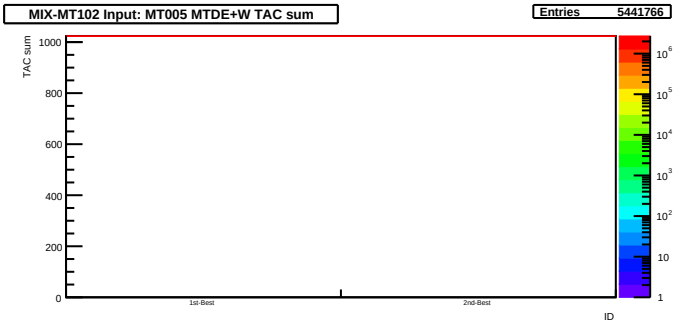

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

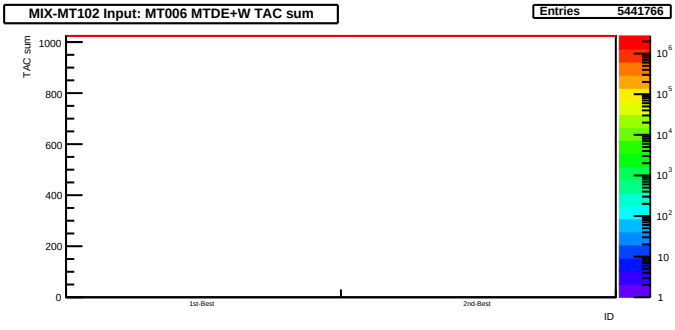

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

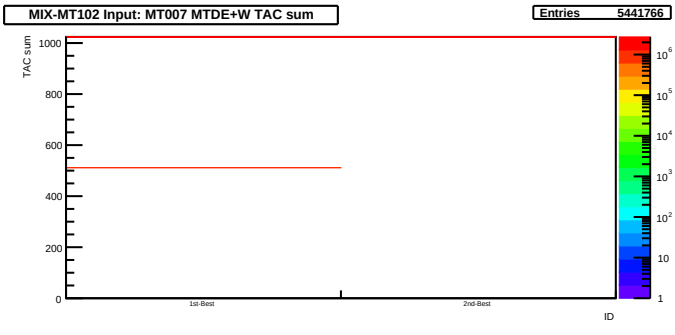

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

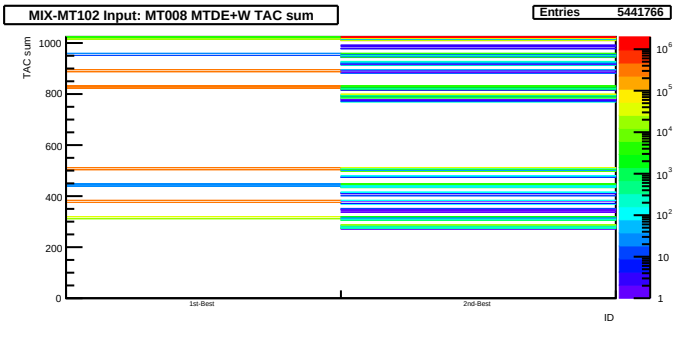

MIX-MT101 Input: VP003 Max TAC
Entries 2720883

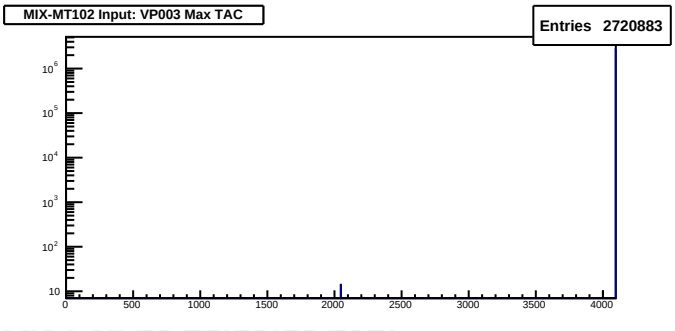

MIX-MT101 Input: VP004 Max TAC
Entries 2720883

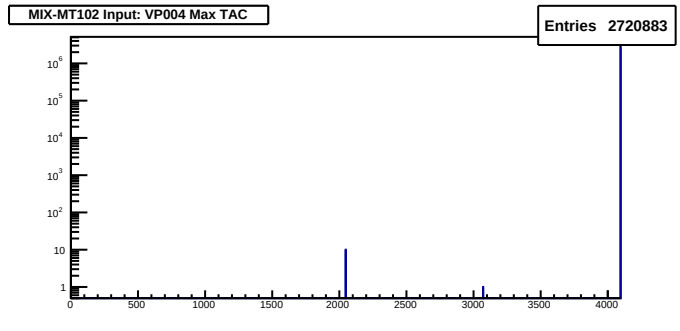

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

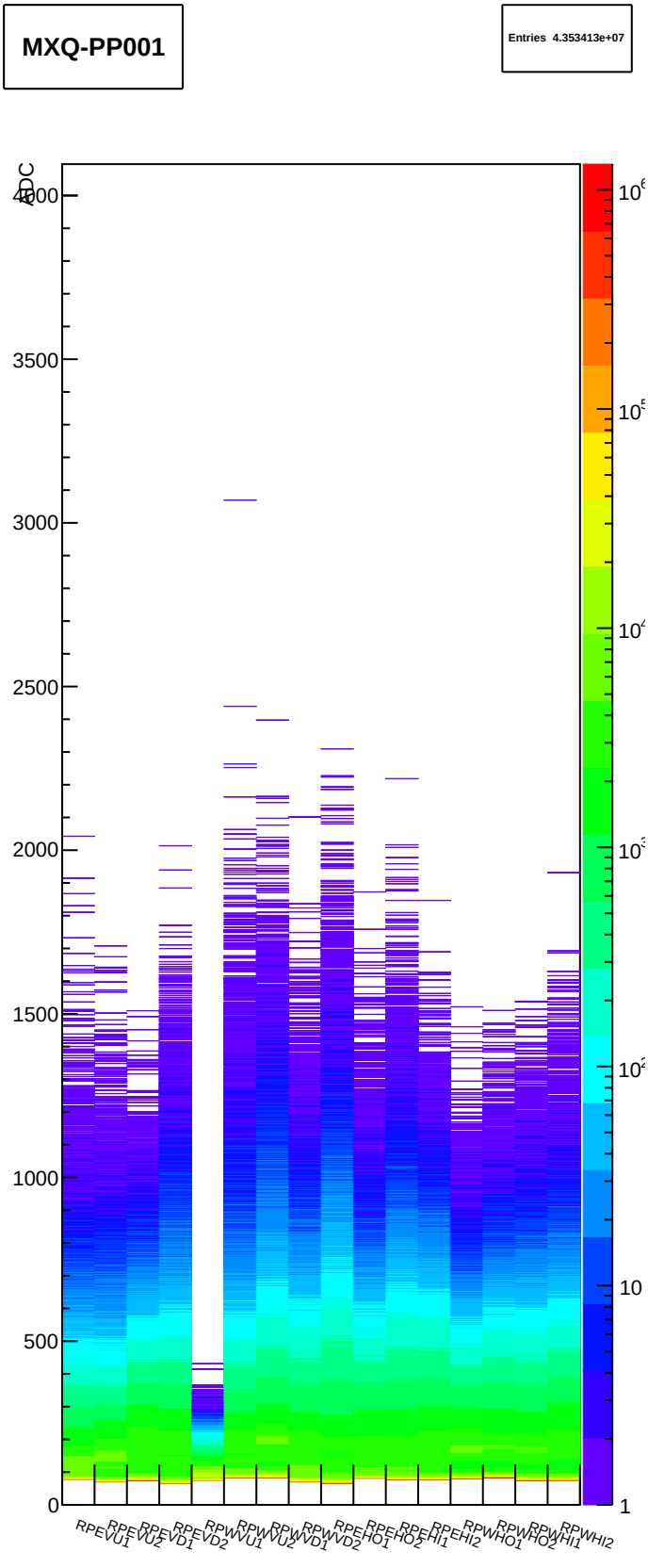

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

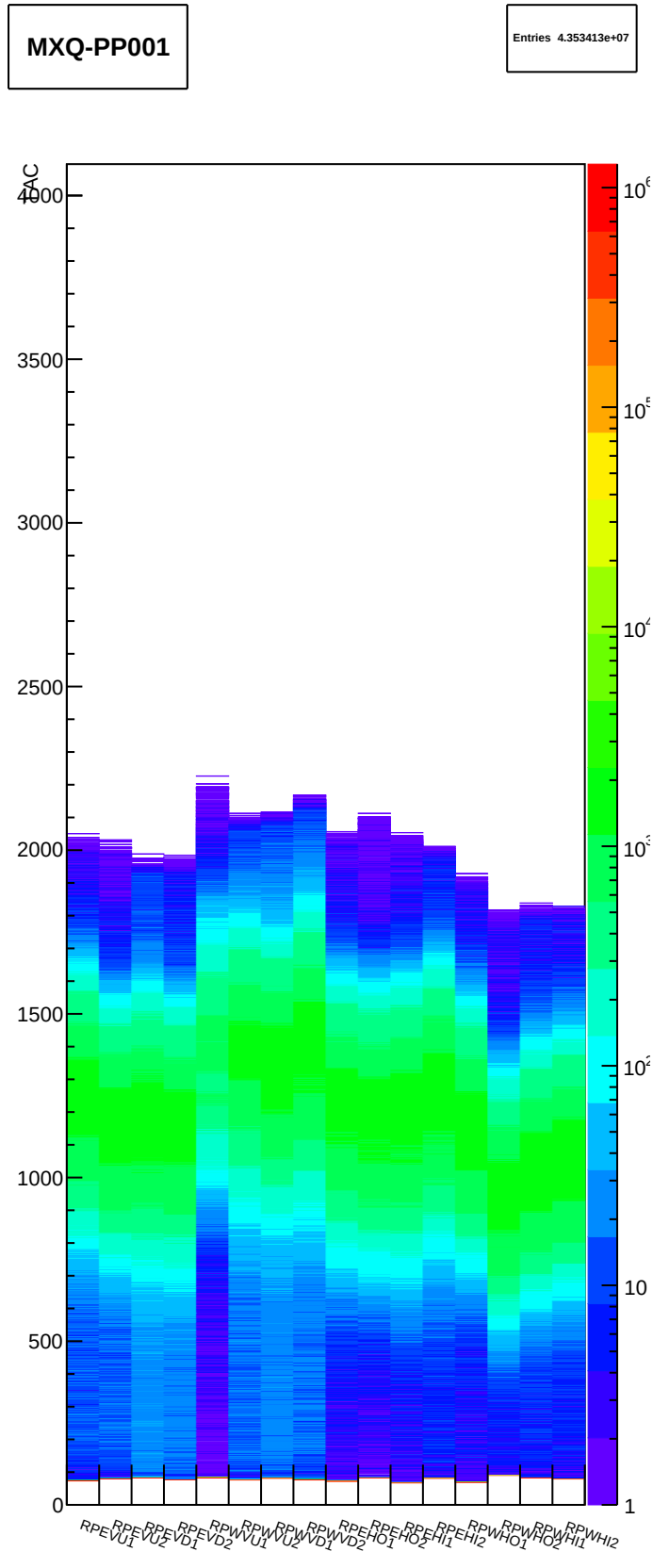

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

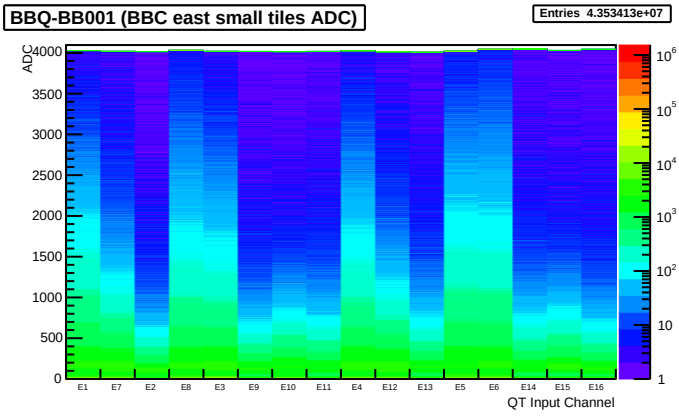

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5441766
TAC sum
1st-Best
2nd-Best
ID

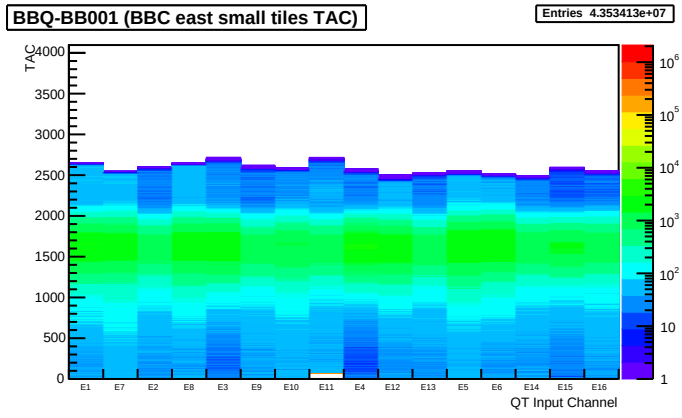

MIX-MT102 Input: VP003 Max TAC
Entries 2720883

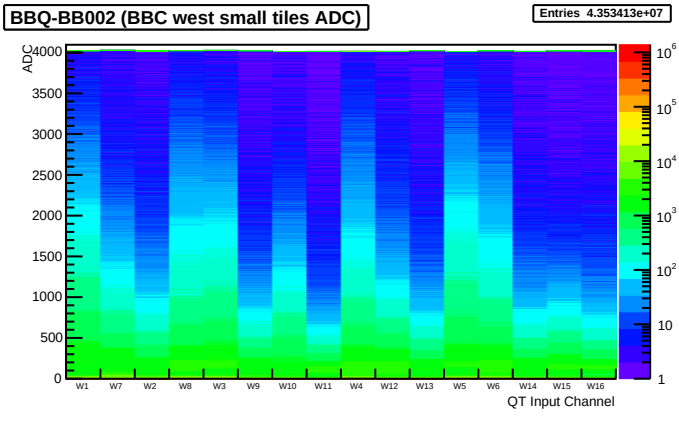

MIX-MT102 Input: VP004 Max TAC
Entries 2720883

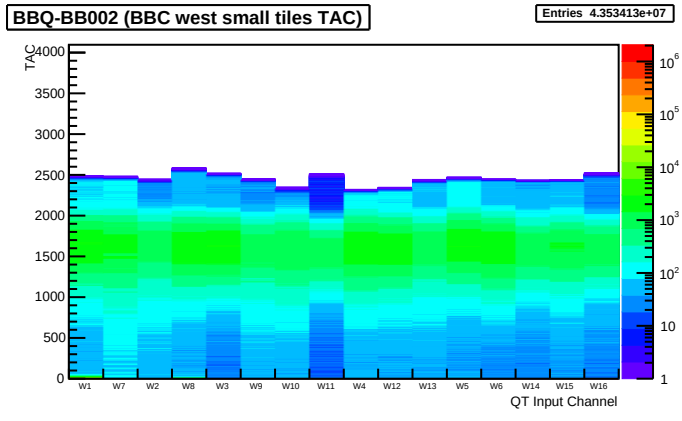

MXQ-PP001
Entries 4.353413e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

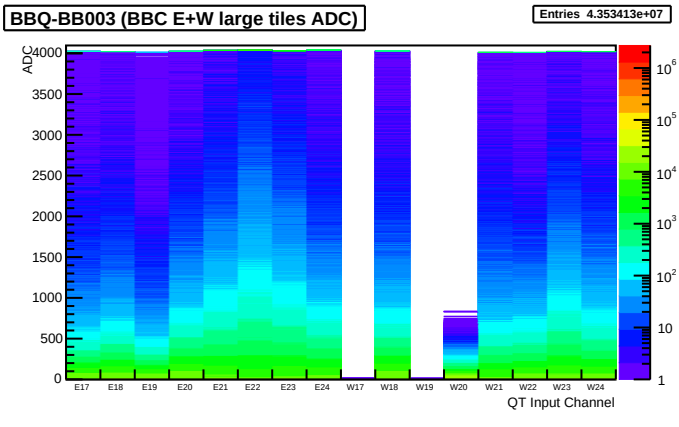

MXQ-PP001
Entries 4.353413e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

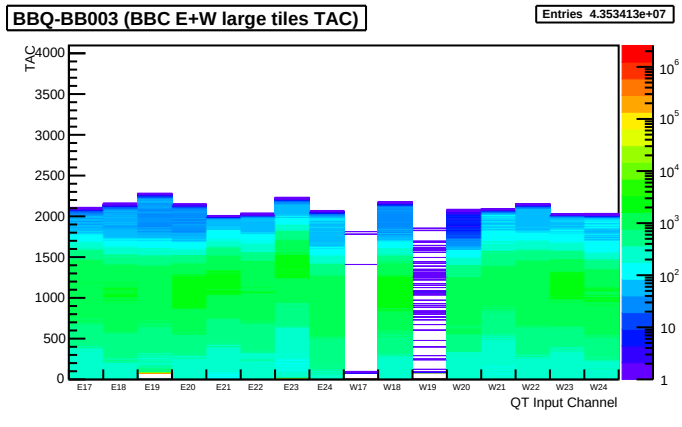

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.353413e+07
ADC
QT Input Channel

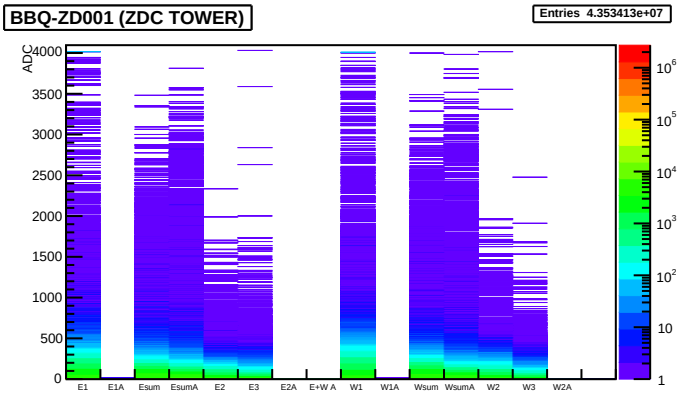

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.353413e+07
TAC
QT Input Channel

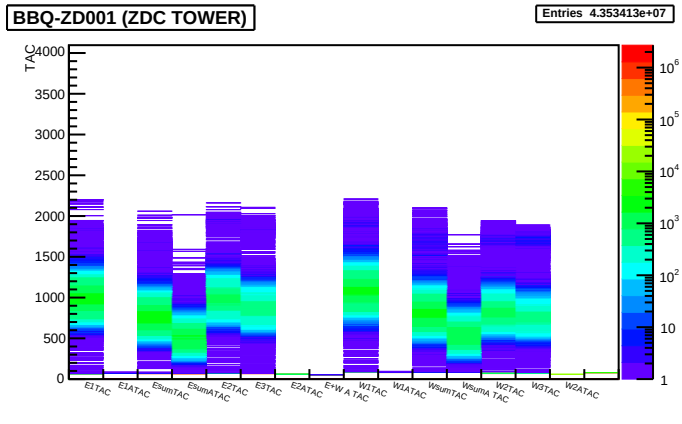

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.353413e+07
ADC
QT Input Channel

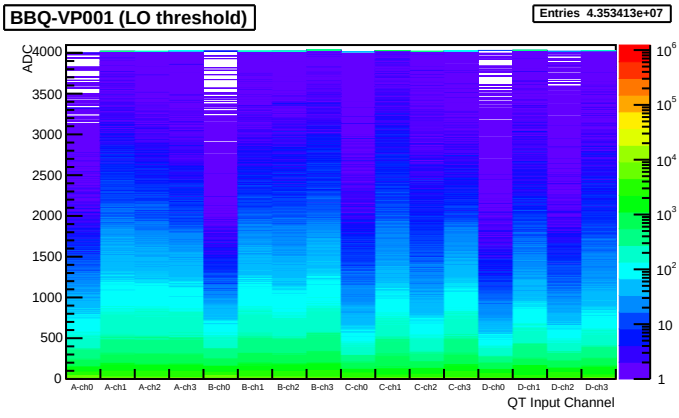

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.353413e+07
TAC
QT Input Channel

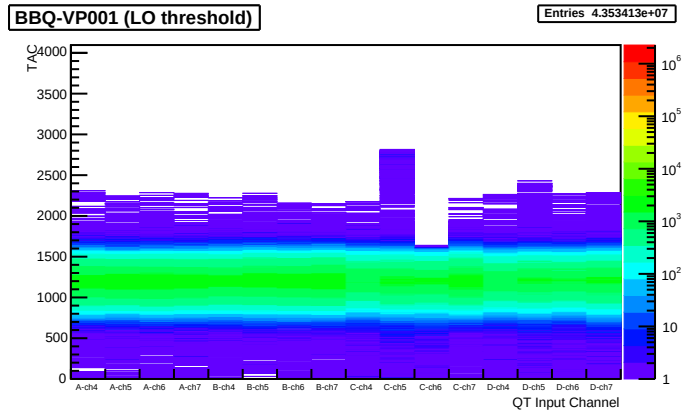

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.353413e+07
ADC
QT Input Channel

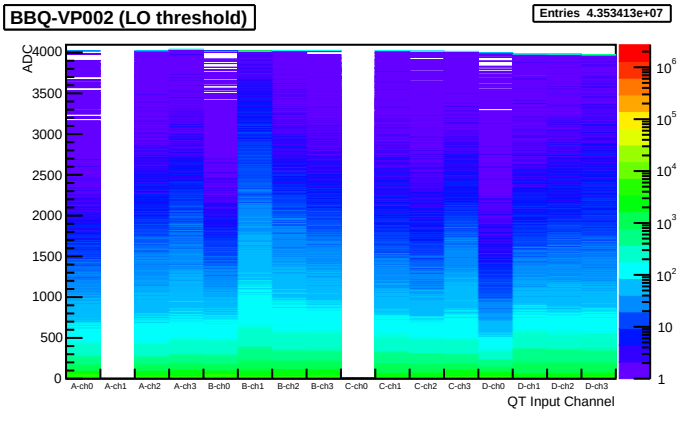

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.353413e+07
TAC
QT Input Channel

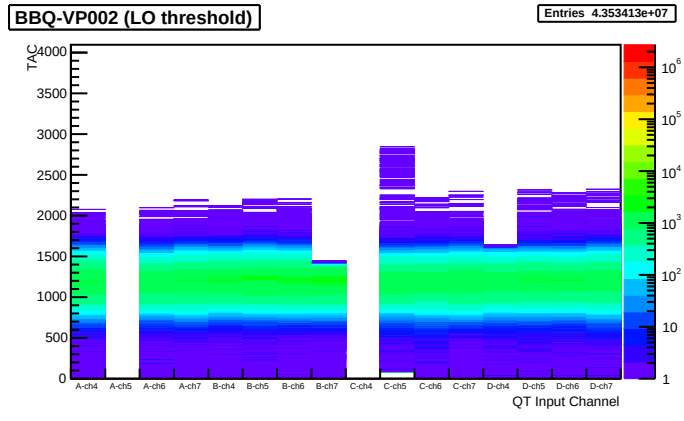

BBQ-ZD001 (ZDC TOWER)
Entries 4.353413e+07
ADC

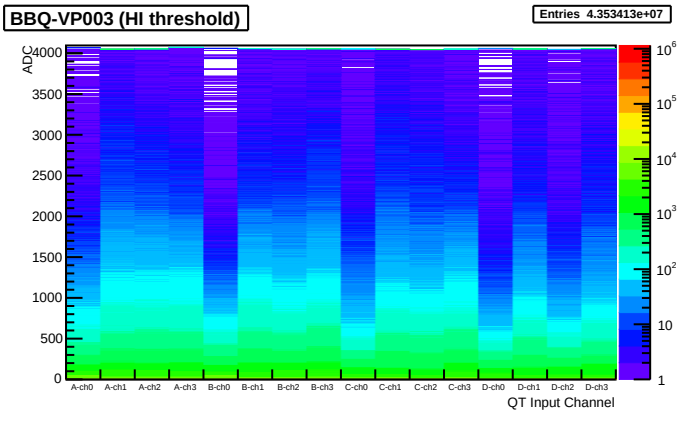

BBQ-ZD001 (ZDC TOWER)
Entries 4.353413e+07
TAC

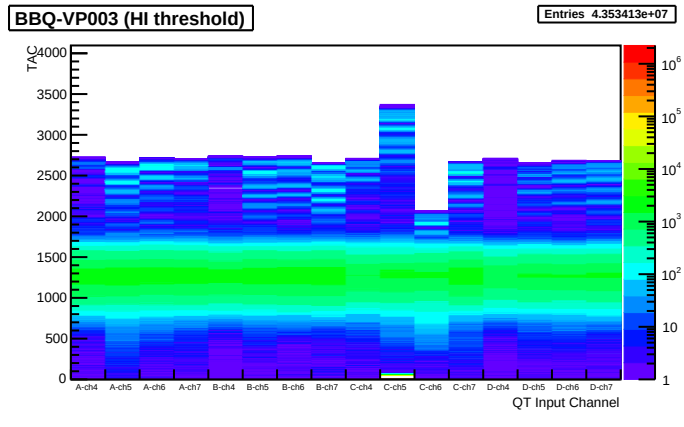

BBQ-VP001 (LO threshold)
Entries 4.353413e+07
ADC
QT Input Channel

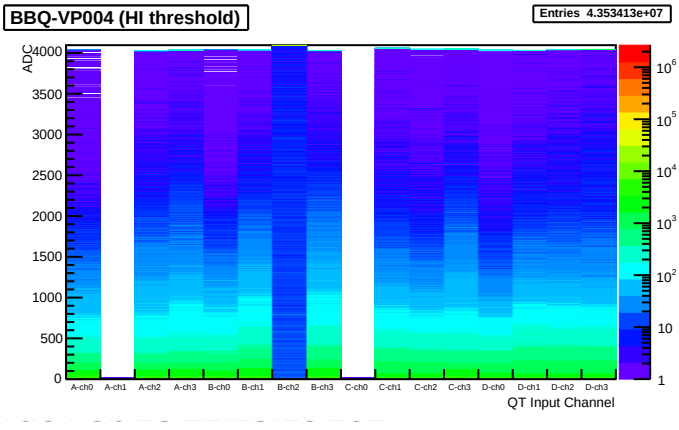

BBQ-VP001 (LO threshold)
Entries 4.353413e+07
TAC
QT Input Channel

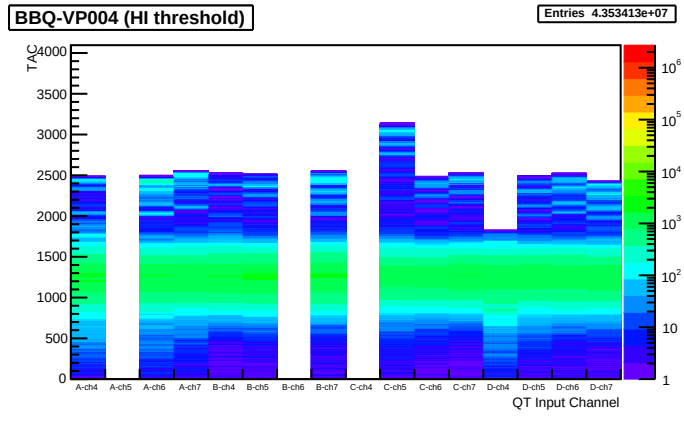

BBQ-VP002 (LO threshold)
Entries 4.353413e+07
ADC
QT Input Channel

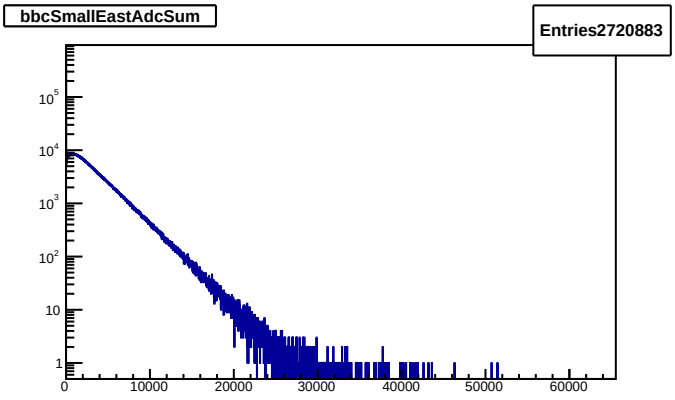

BBQ-VP002 (LO threshold)
Entries 4.353413e+07
TAC
QT Input Channel

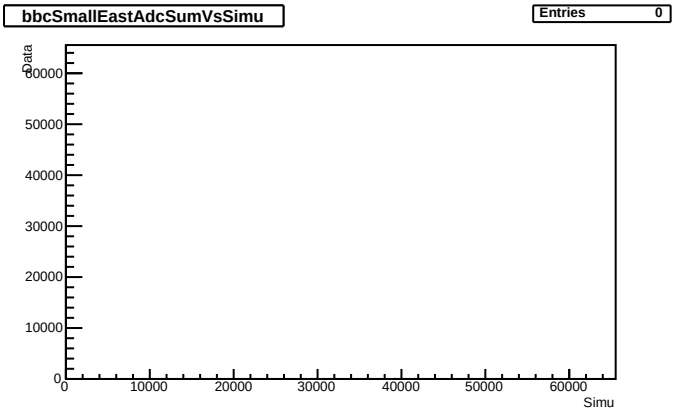

BBQ-VP003 (HI threshold)
Entries 4.353413e+07
ADC
QT Input Channel

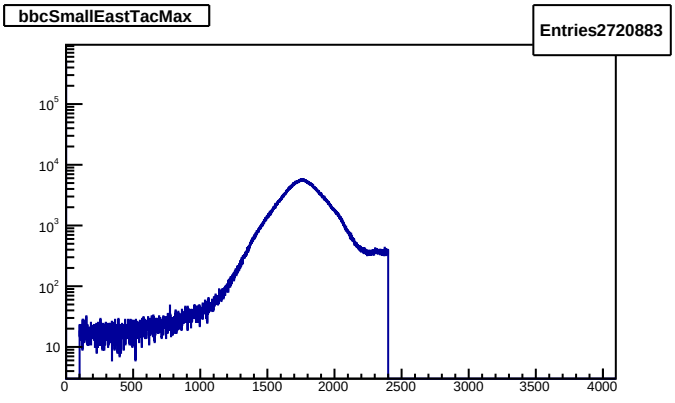

BBQ-VP003 (HI threshold)
Entries 4.353413e+07
TAC
QT Input Channel

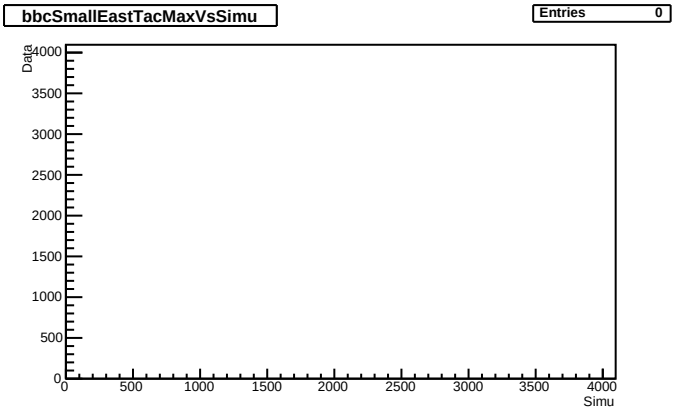

BBQ-VP004 (HI threshold)
Entries 4.353413e+07
ADC
QT Input Channel

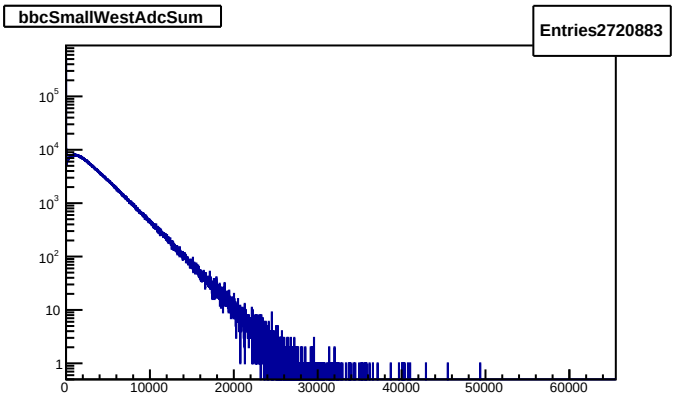

BBQ-VP004 (HI threshold)
Entries 4.353413e+07
TAC
QT Input Channel

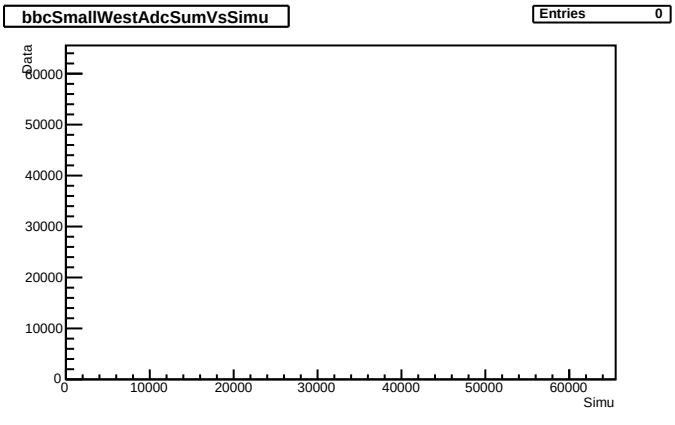

bbcSmallEastAdcSum
Entries2720883

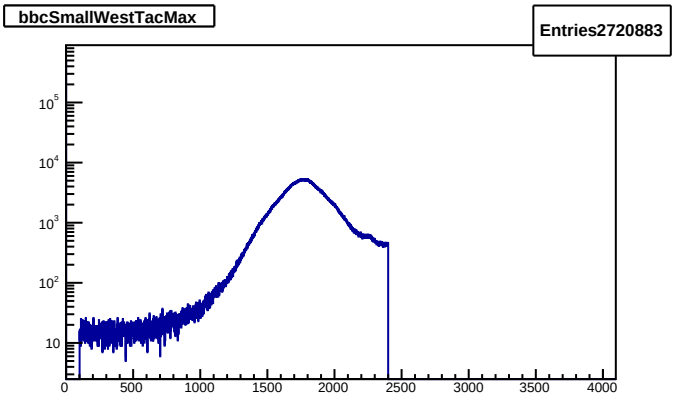

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

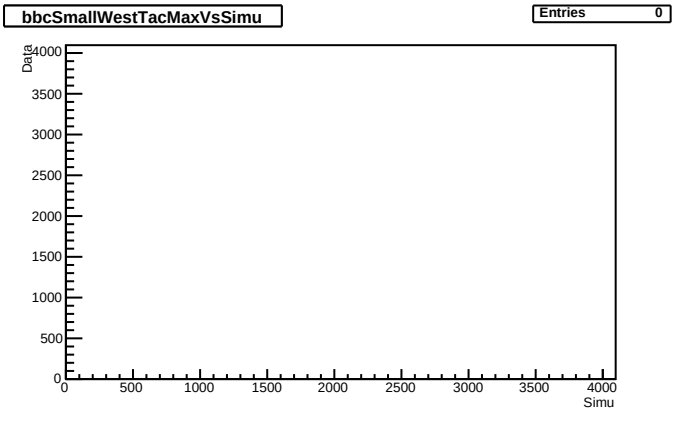

bbcSmallEastTacMax
Entries2720883

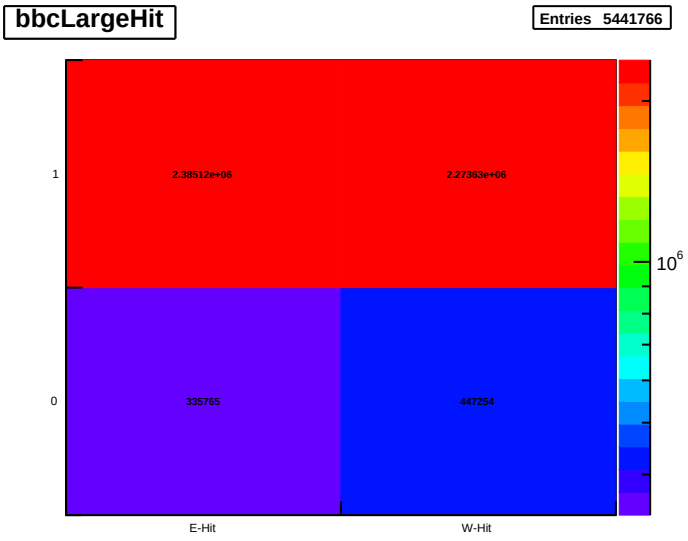

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

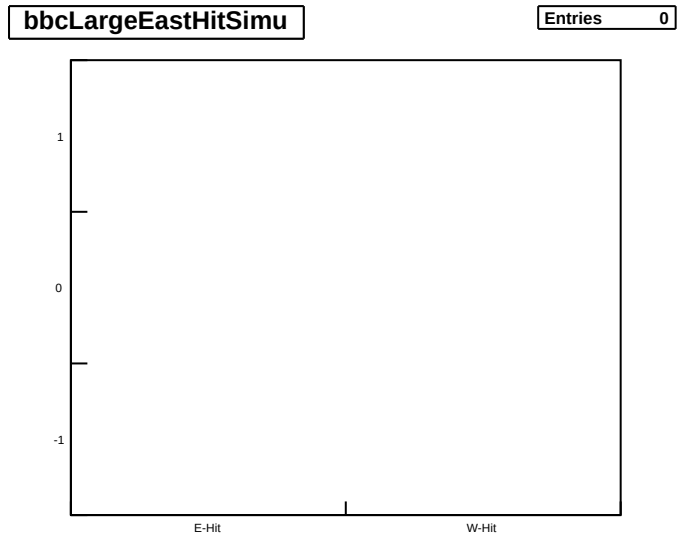

bbcSmallWestAdcSum
Entries2720883

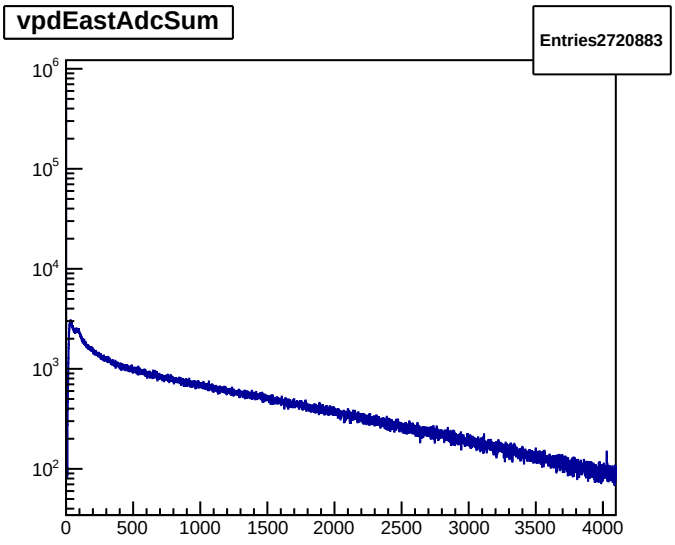

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

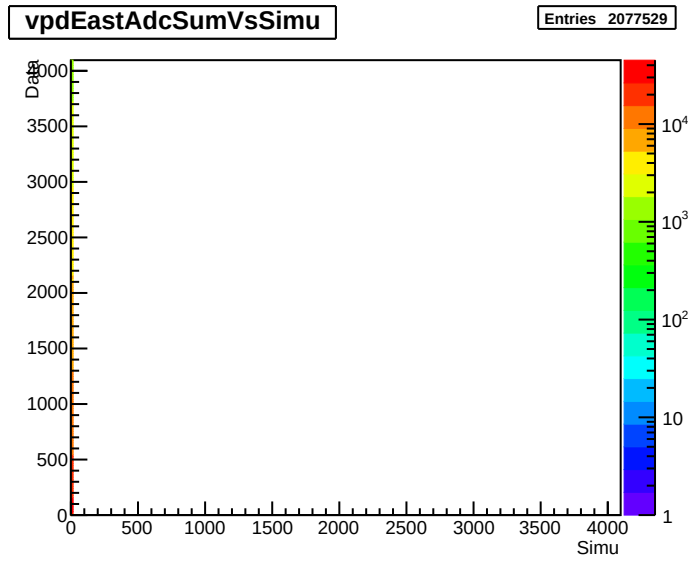

bbcSmallWestTacMax
Entries2720883

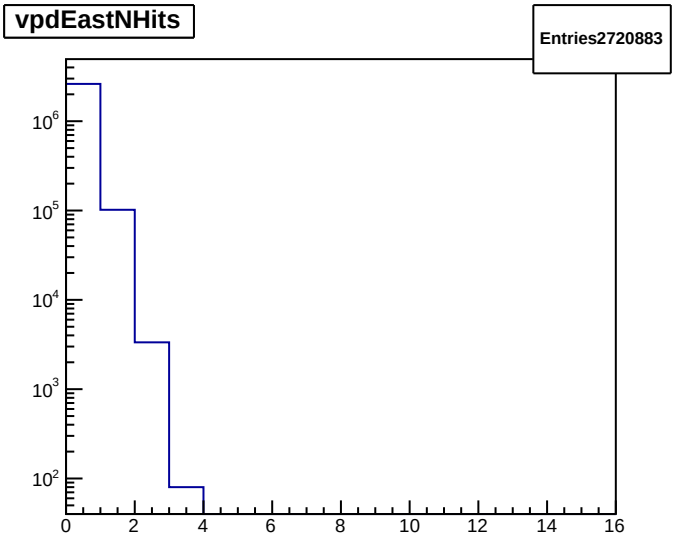

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

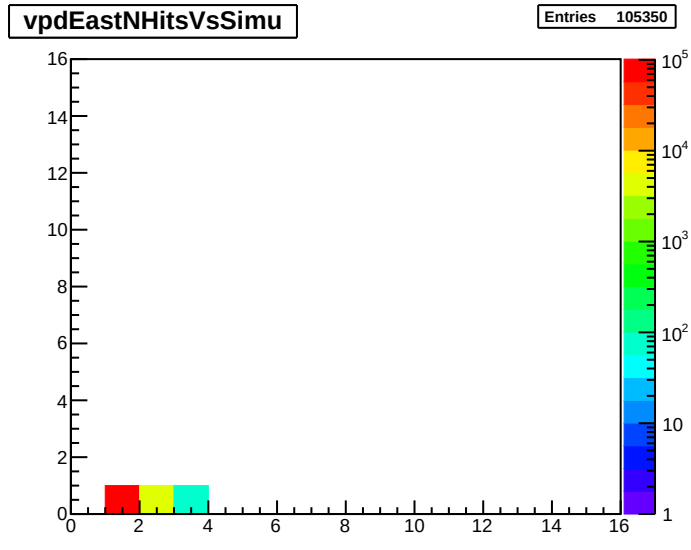

bbcLargeHit
Entries 5441766
1
0
2.38512e+06
2.27363e+06
335765
447254
E-Hit
W-Hit
10^6

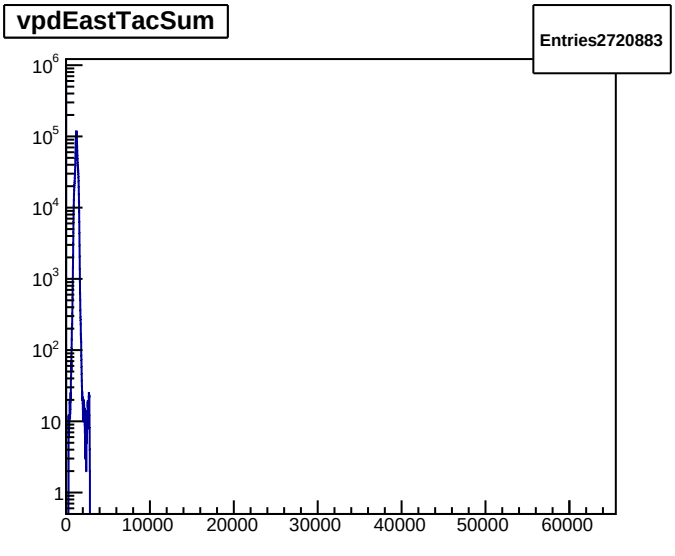

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

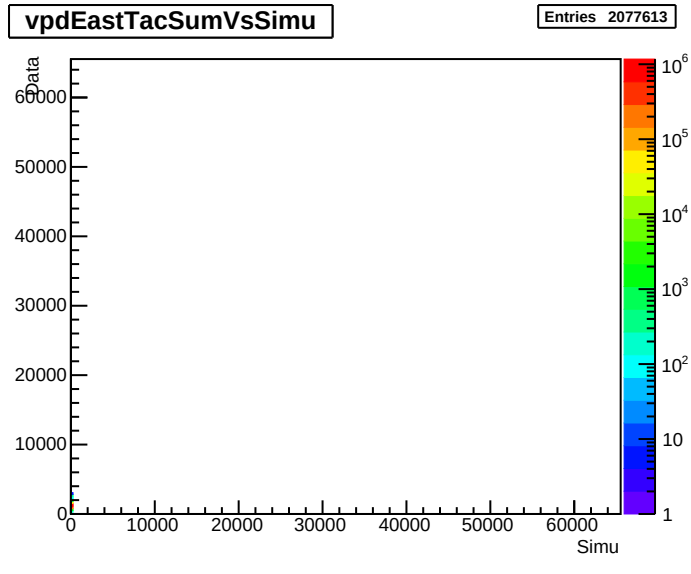

vpdEastAdcSum
Entries2720883

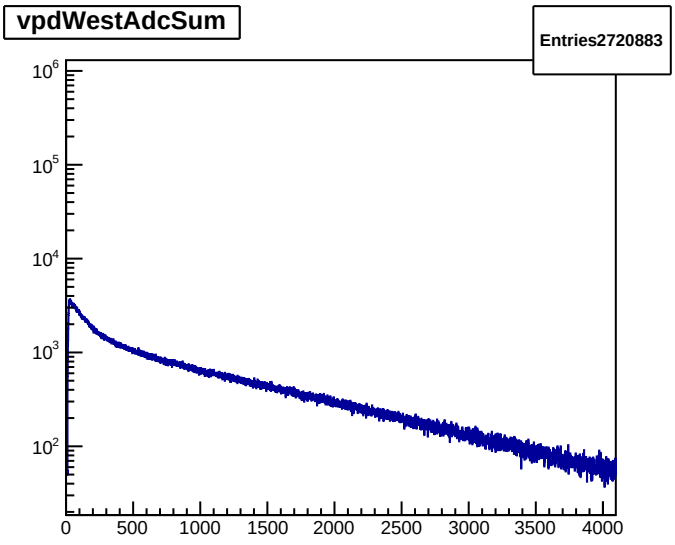

vpdEastAdcSumVsSimu
Entries 2077529
Data
Simu

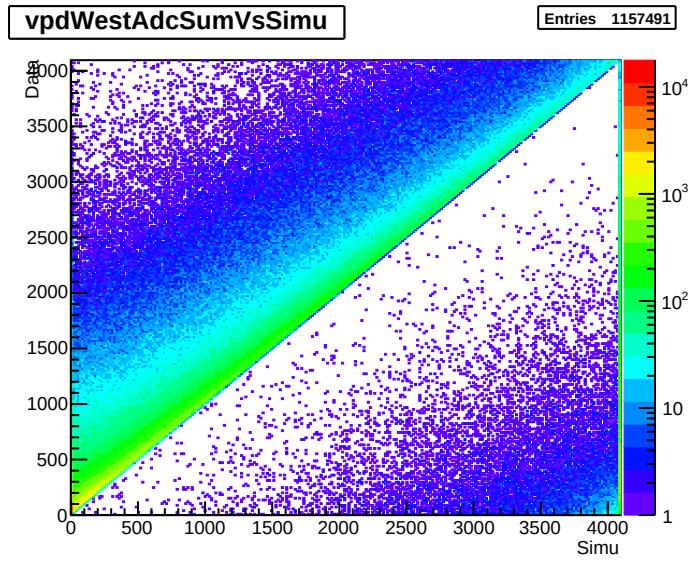

vpdEastNHits
Entries2720883

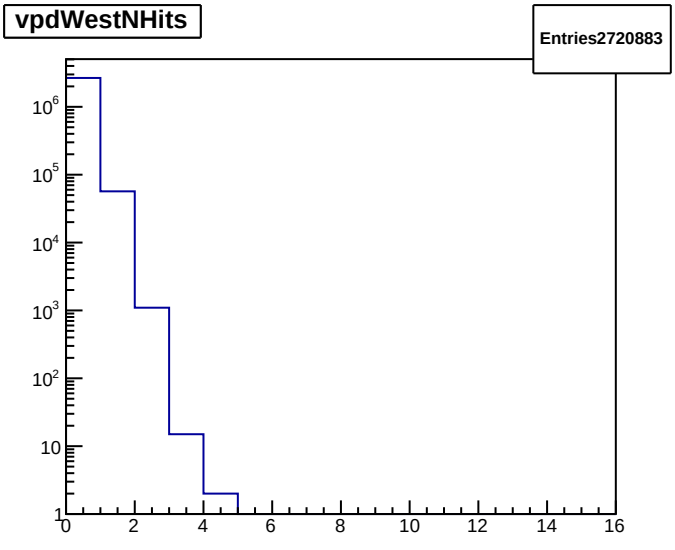

vpdEastNHitsVsSimu
Entries 105350

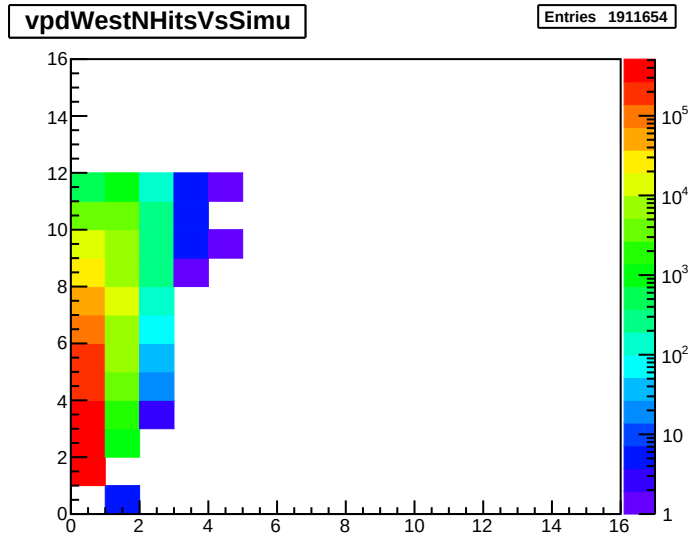

vpdEastTacSum
Entries2720883

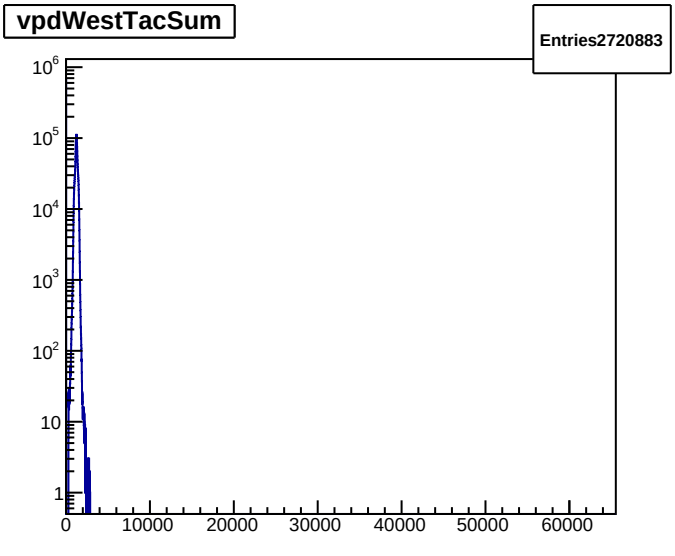

vpdEastTacSumVsSimu
Entries 2077613
Data
Simu

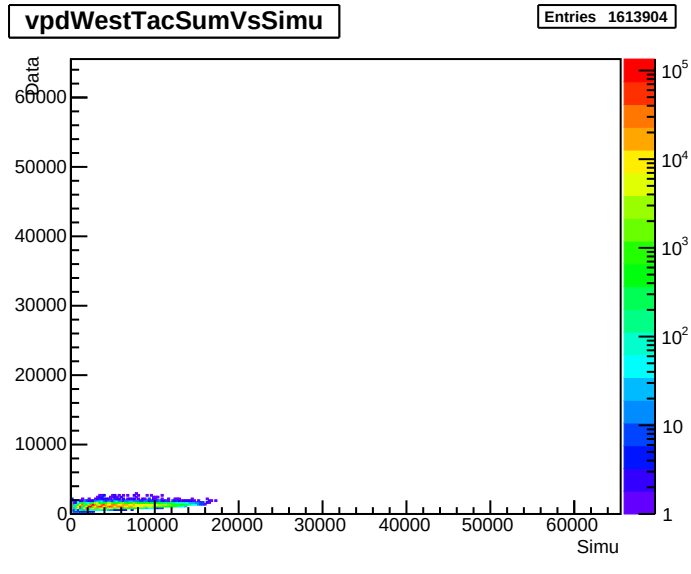

vpdWestAdcSum
Entries2720883

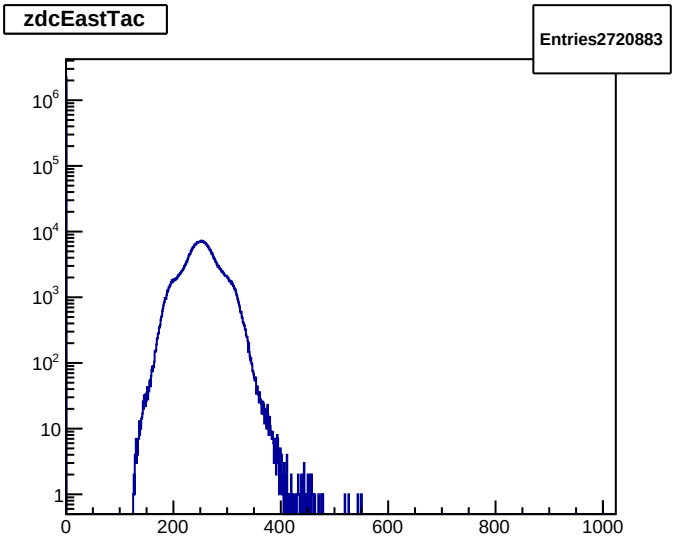

vpdWestAdcSumVsSimu
Entries 1157491
Data
Simu

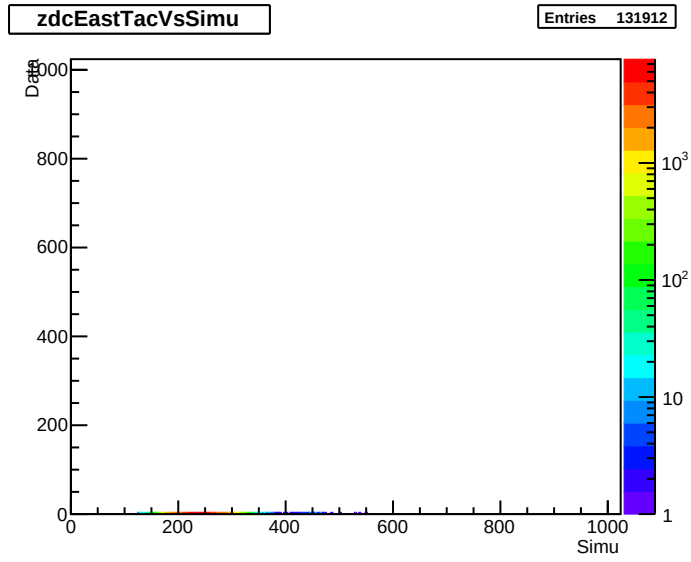

vpdWestNHits
Entries2720883

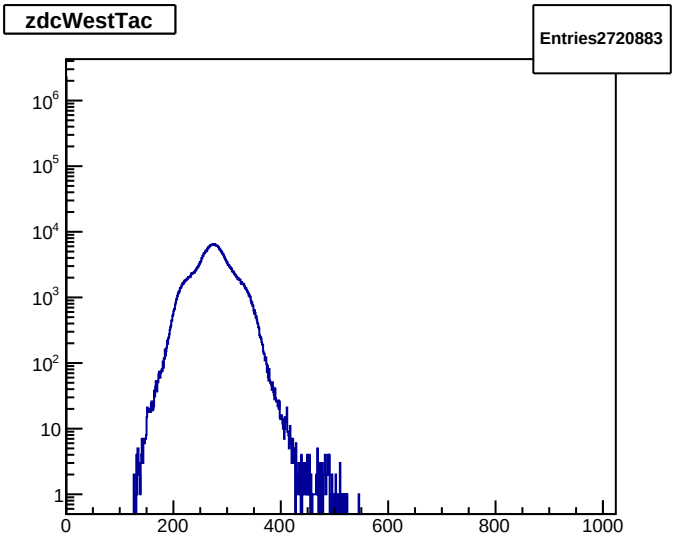

vpdWestNHitsVsSimu
Entries 1911654

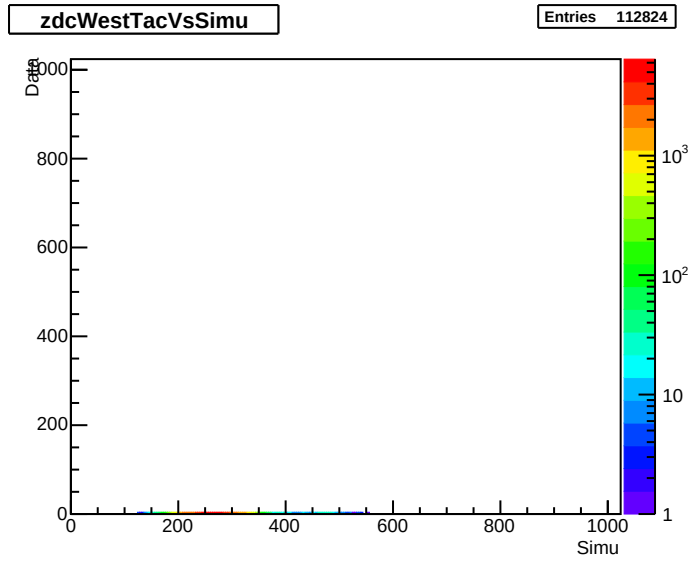

vpdWestTacSum
Entries2720883

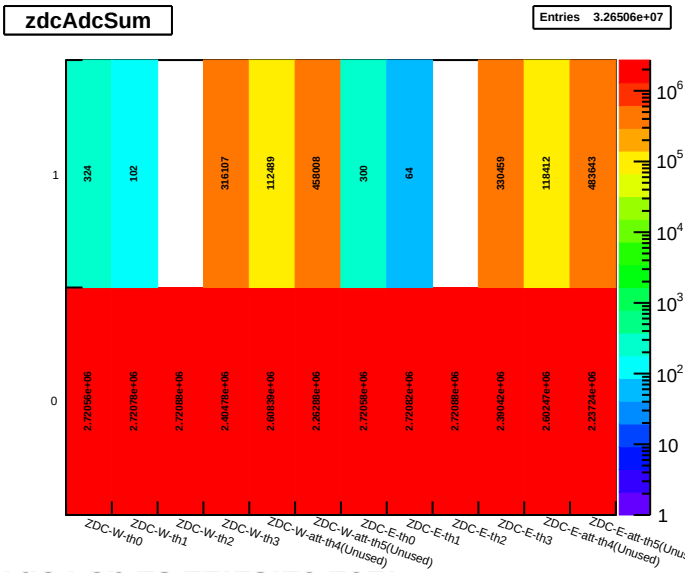

vpdWestTacSumVsSimu
Entries 1613904
Data
Simu

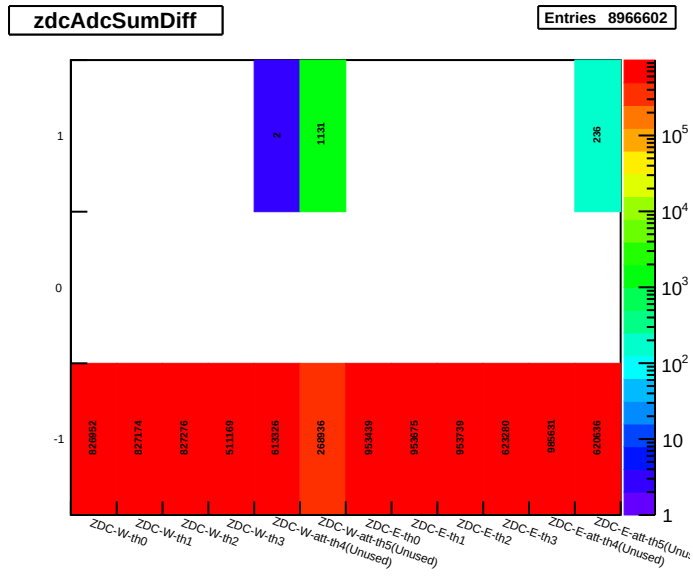

zdcEastTac
Entries2720883

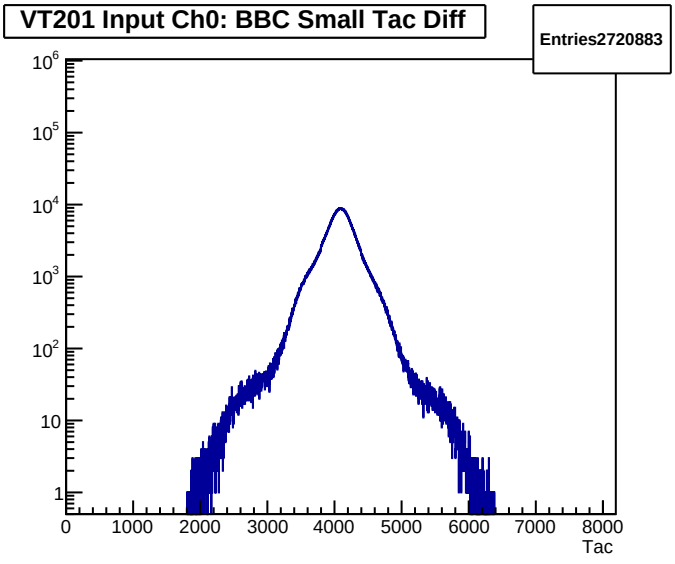

zdcEastTacVsSimu
Entries 131912
Data
Simu

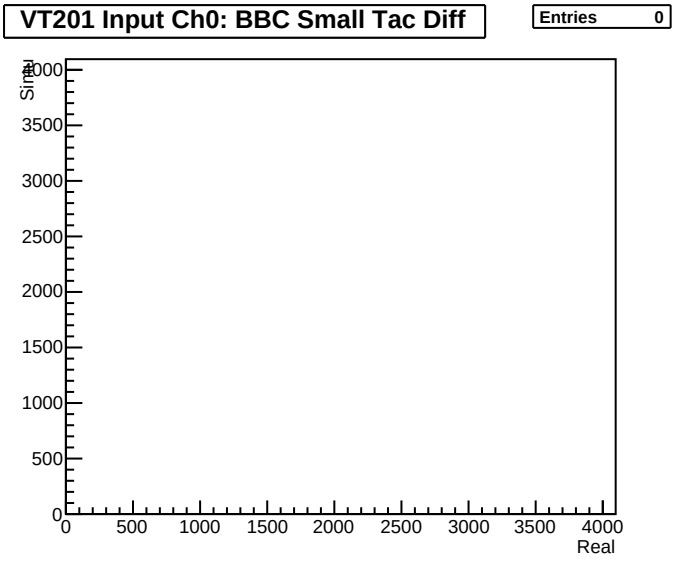

zdcWestTac
Entries2720883

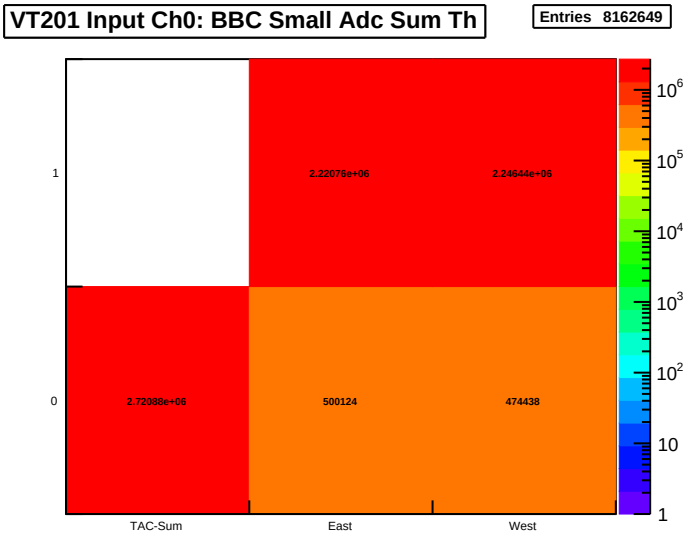

zdcWestTacVsSimu
Entries 112824
Data
Simu

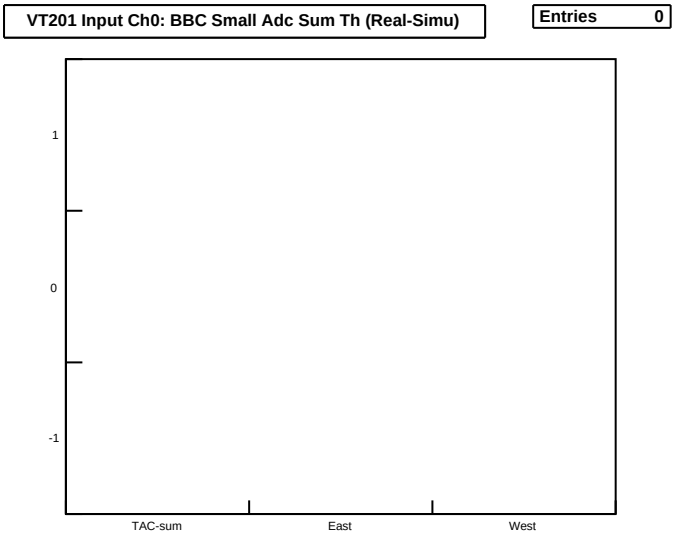

zdcAdcSum
Entries 3.26506e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

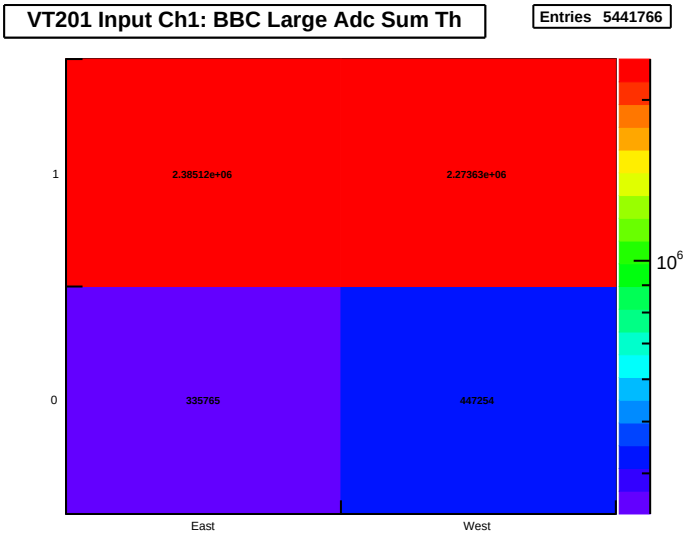

zdcAdcSumDiff
Entries 8966602
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

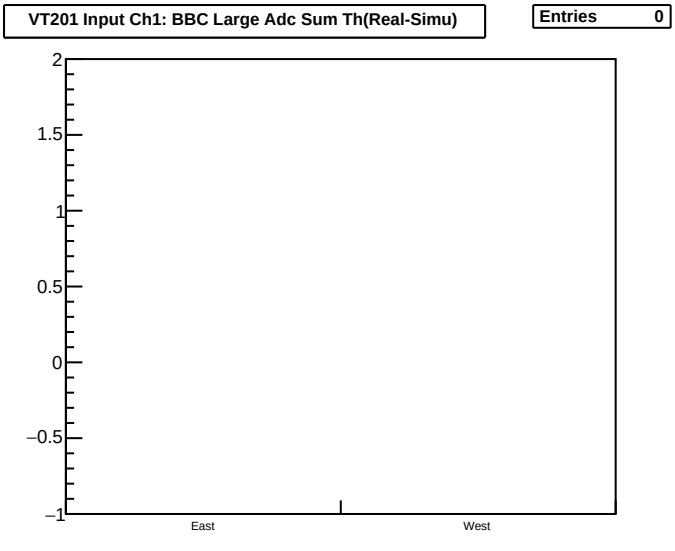

VT201 Input Ch0: BBC Small Tac Diff
Entries2720883
Tac


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

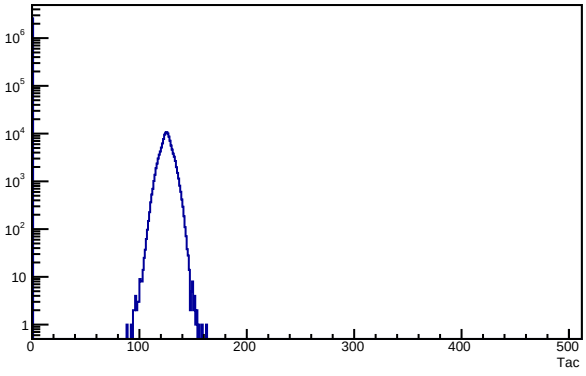

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8162649
2.22076e+06
2.24644e+06
2.72088e+06
500124
474438
TAC-Sum
East
West


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

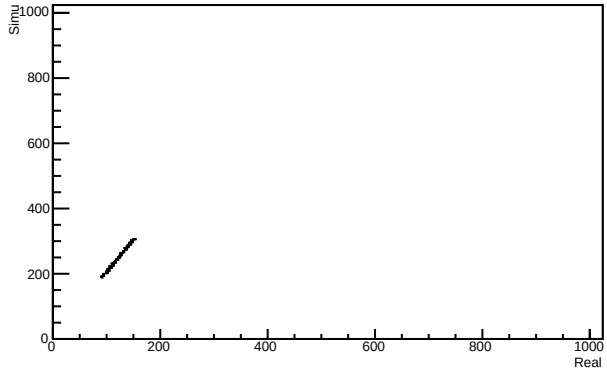

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5441766
2.38512e+06
2.27363e+06
335765
447254
East
West


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

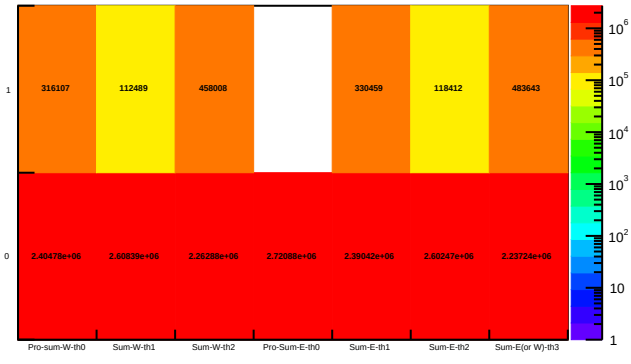
VT201 Input Ch2: ZDC Tac Diff



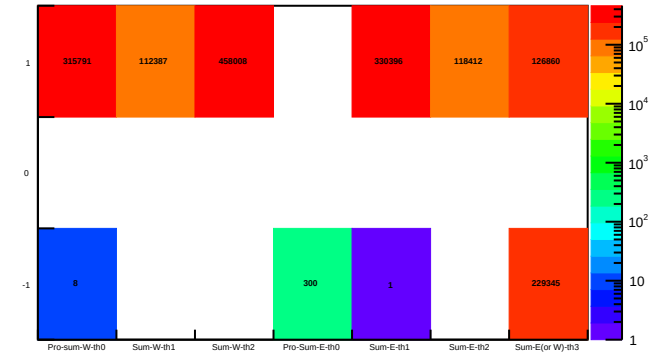
VT201 Input Ch2: ZDC Tac Diff



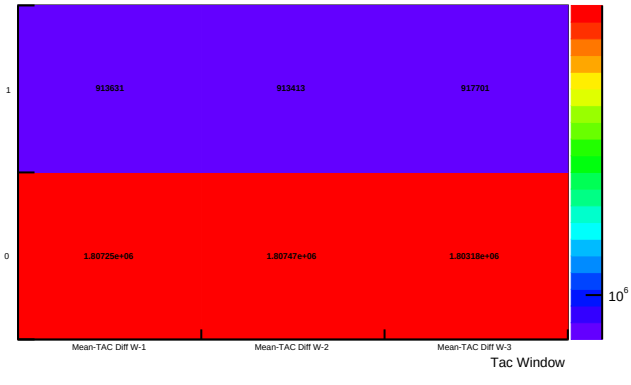
VT201 Input Ch2: ZDC Adc Sum Th



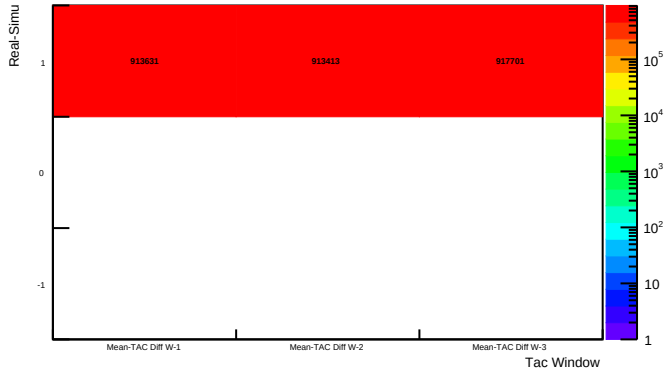
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



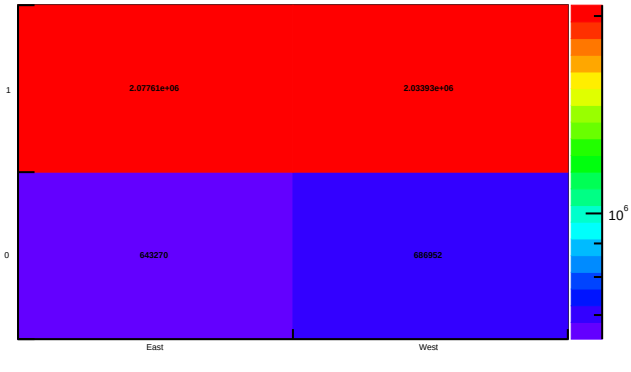
VT201 Input Ch4: VPD Tac Diff



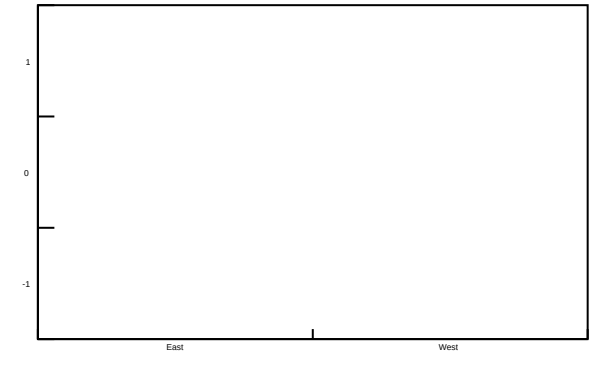
VT201 Input Ch4: VPD Tac Diff

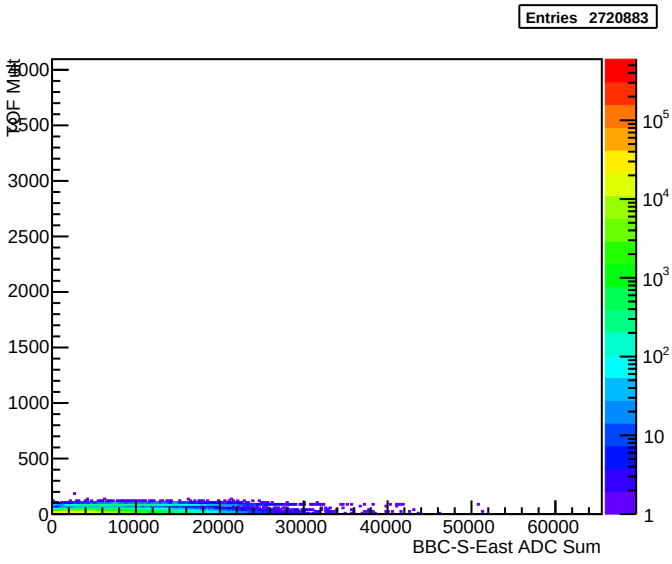


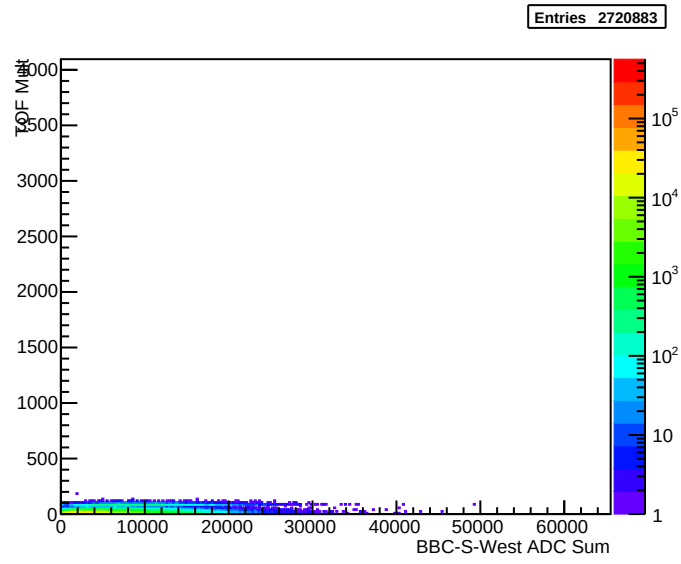
VT201 Input Ch4: VPD Adc Sum Th

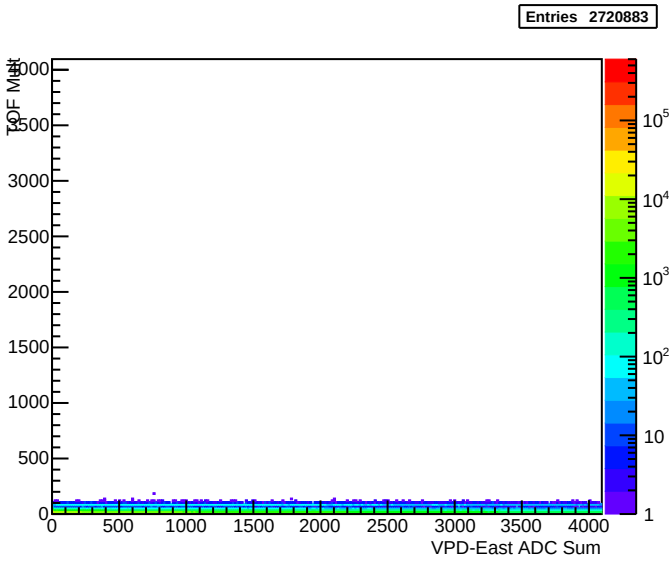


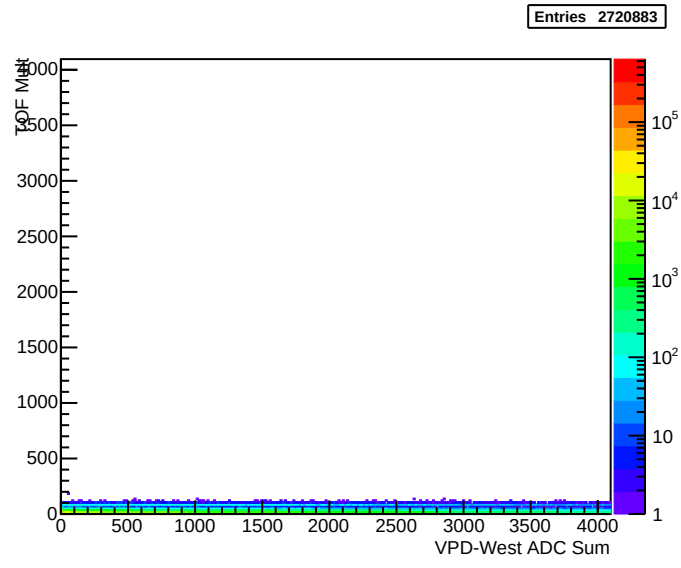
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

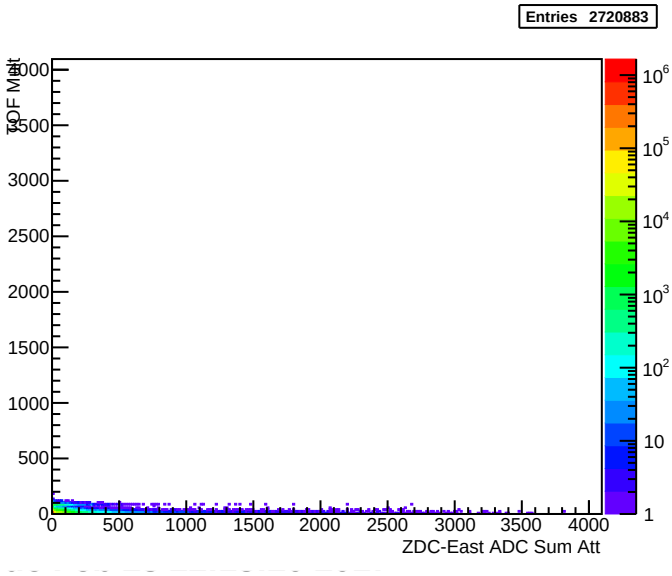


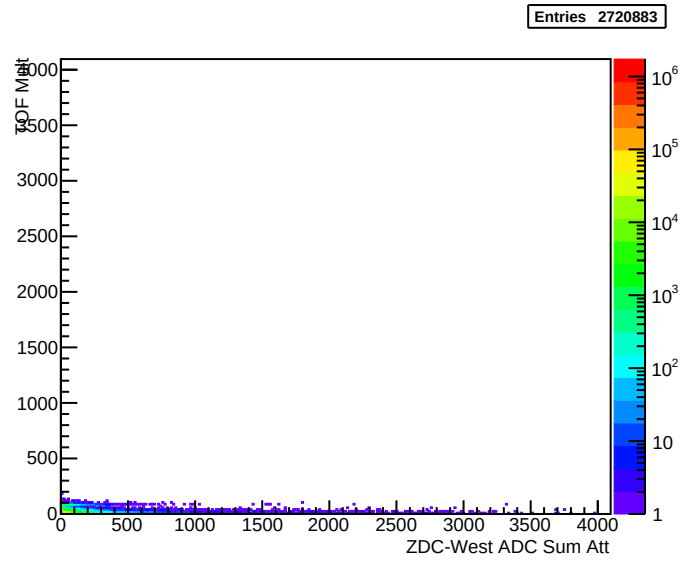

Entries 2720883
TOF Mult
BBC-S-East ADC Sum

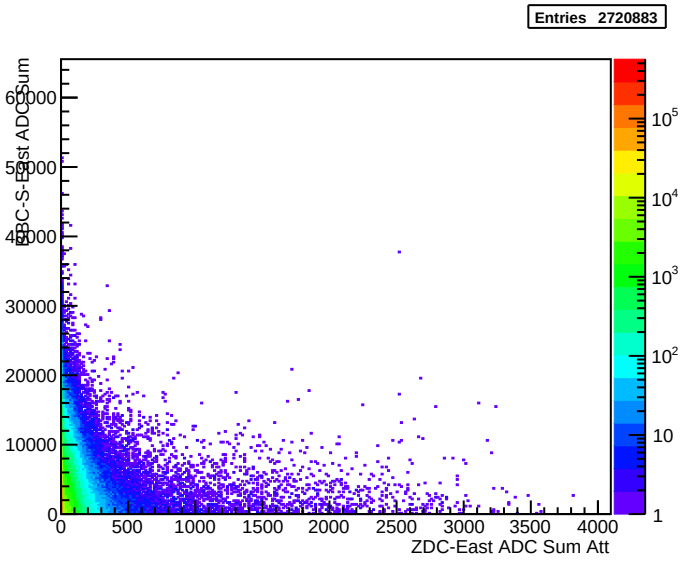

Entries 2720883
TOF Mult
BBC-S-West ADC Sum

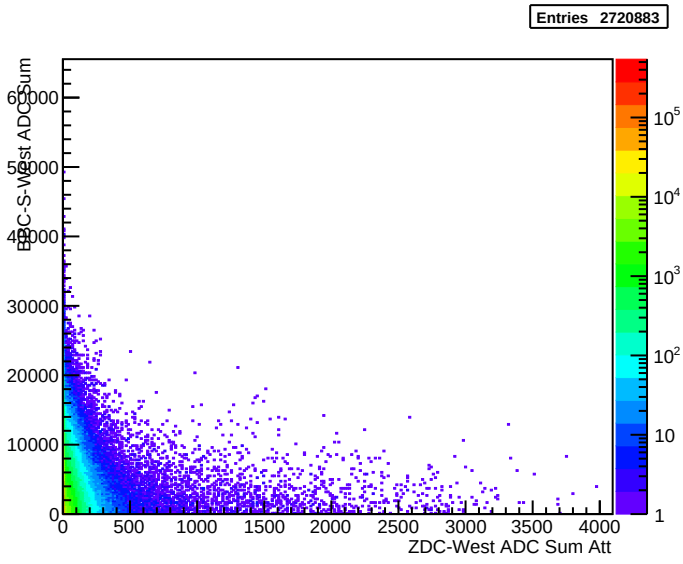

Entries 2720883
TOF Mult
VPD-East ADC Sum

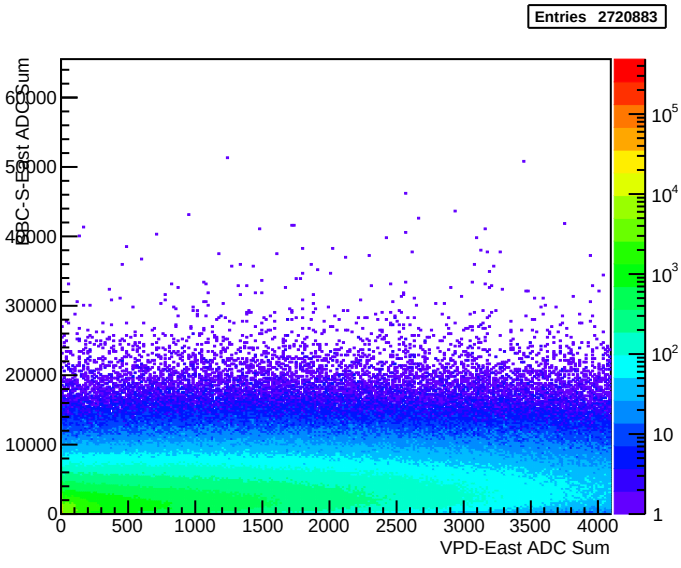

Entries 2720883
TOF Mult
VPD-West ADC Sum

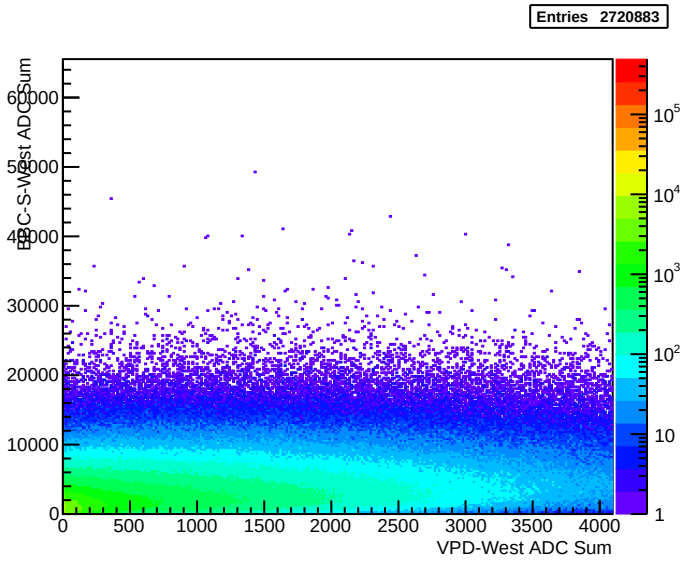

Entries 2720883
TOF Mult
ZDC-East ADC Sum Att

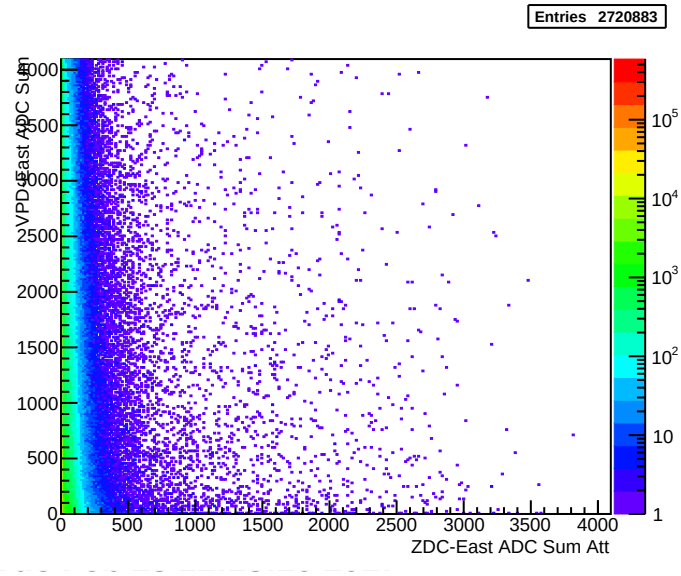

Entries 2720883
TOF Mult
ZDC-West ADC Sum Att

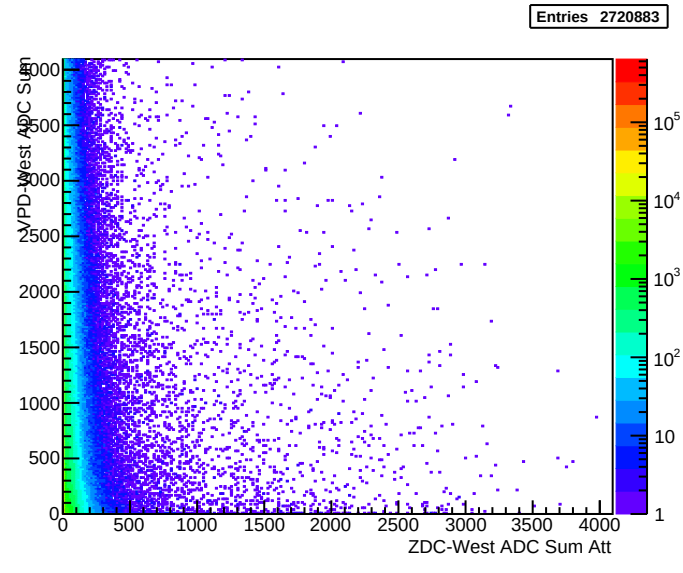

Entries 2720883
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

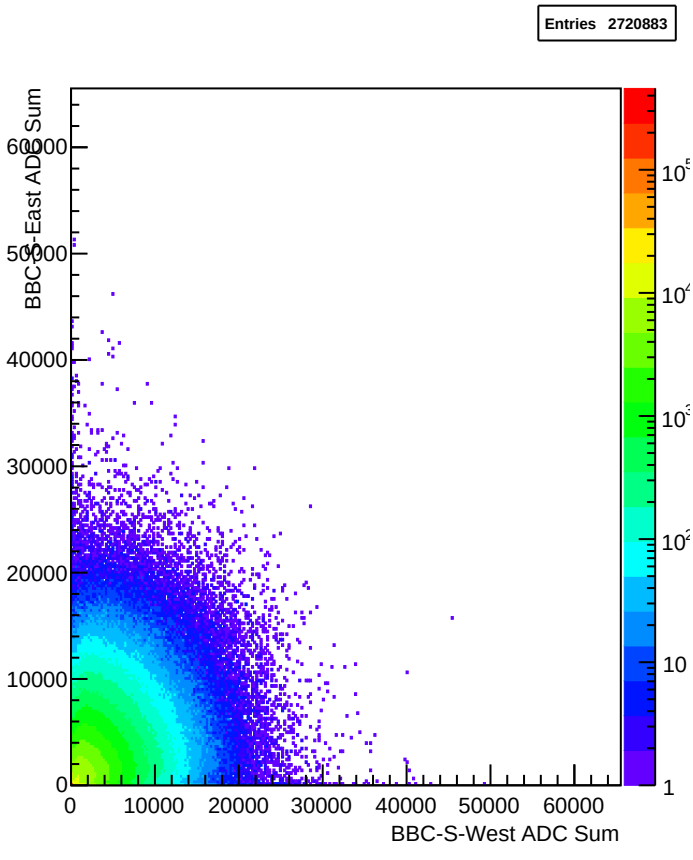

Entries 2720883
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

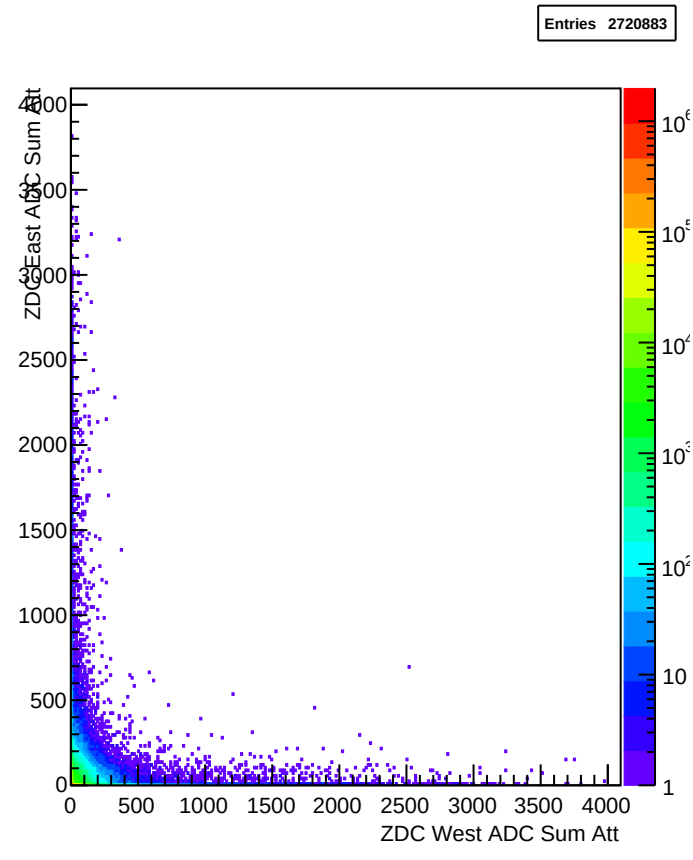

Entries 2720883
BBC-S-East ADC Sum
VPD-East ADC Sum

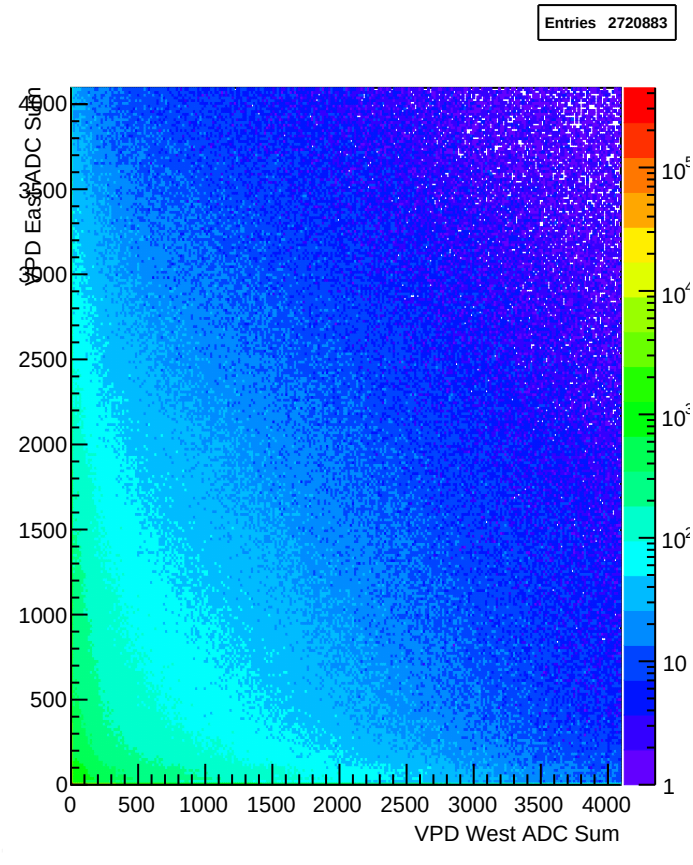

Entries 2720883
BBC-S-West ADC Sum
VPD-West ADC Sum

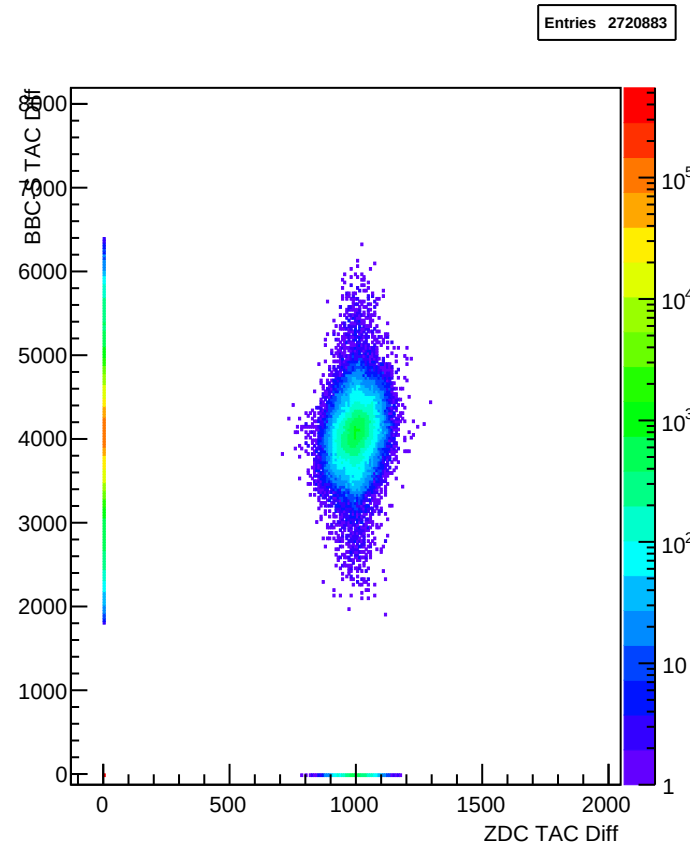

Entries 2720883
VPD-East ADC Sum
ZDC-East ADC Sum Att

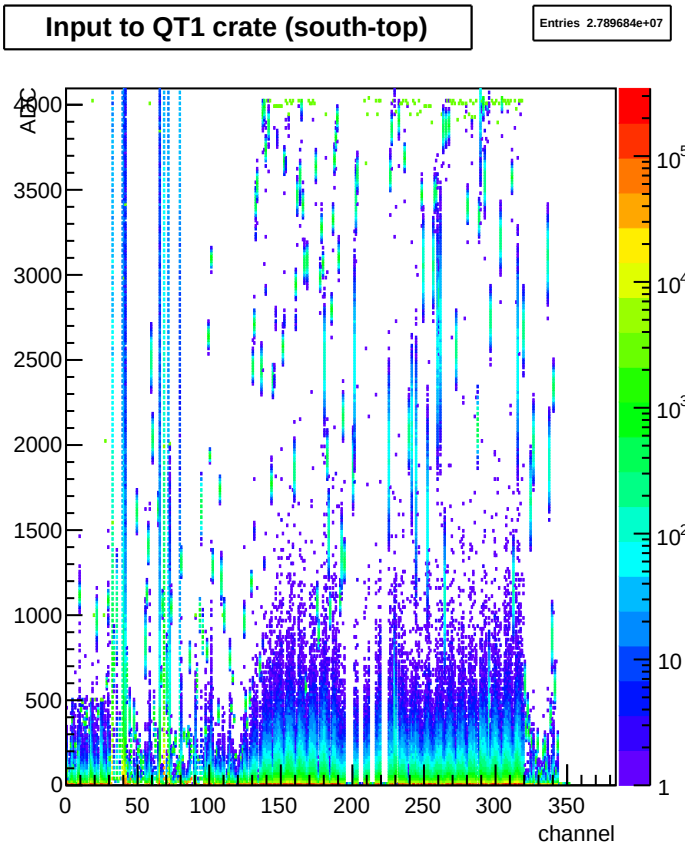

Entries 2720883
VPD-West ADC Sum
ZDC-West ADC Sum Att

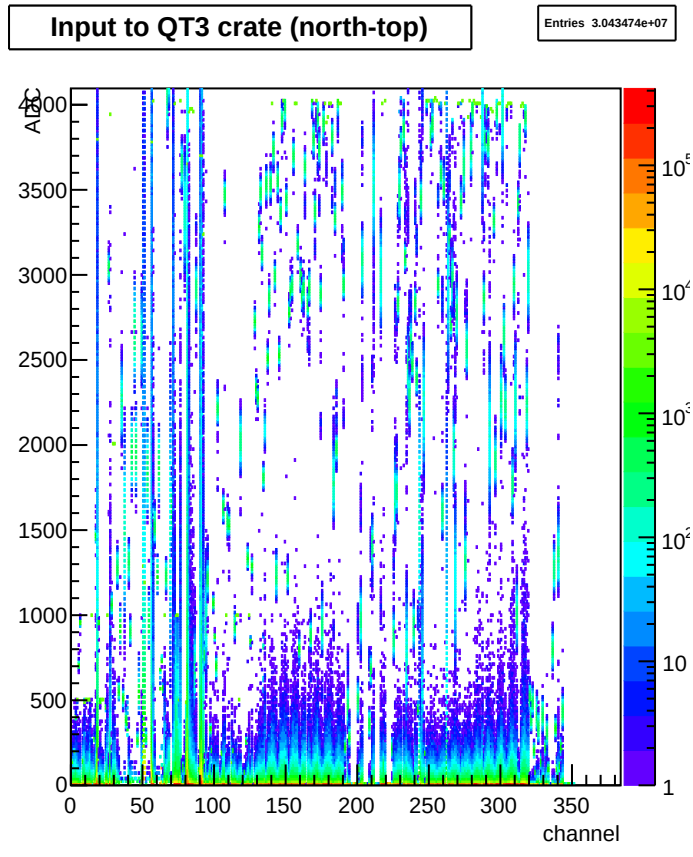

Entries 2720883
BBC-S-East ADC Sum
BBC-S-West ADC Sum

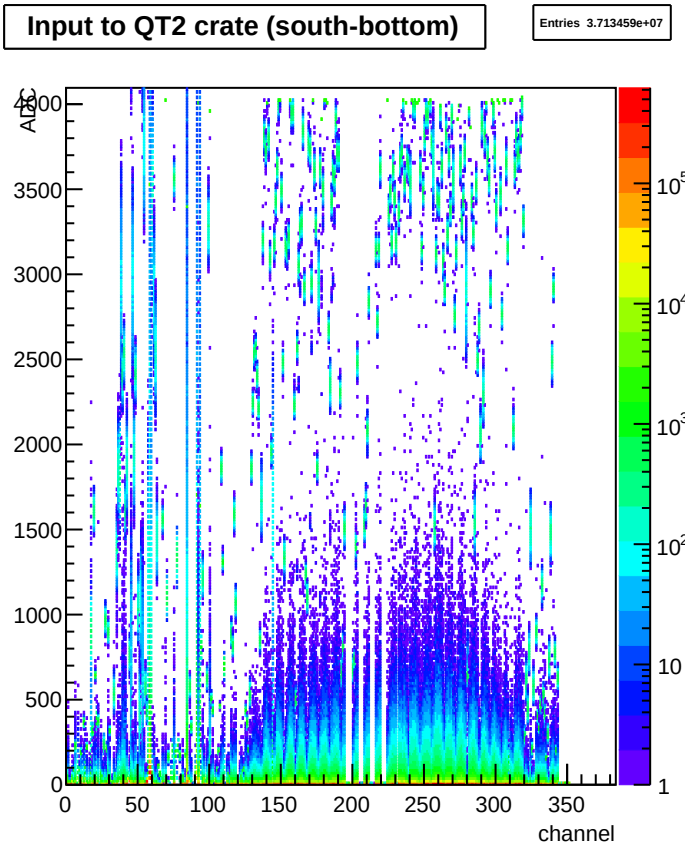

Entries 2720883
ZDC East ADC Sum Att
ZDC West ADC Sum Att

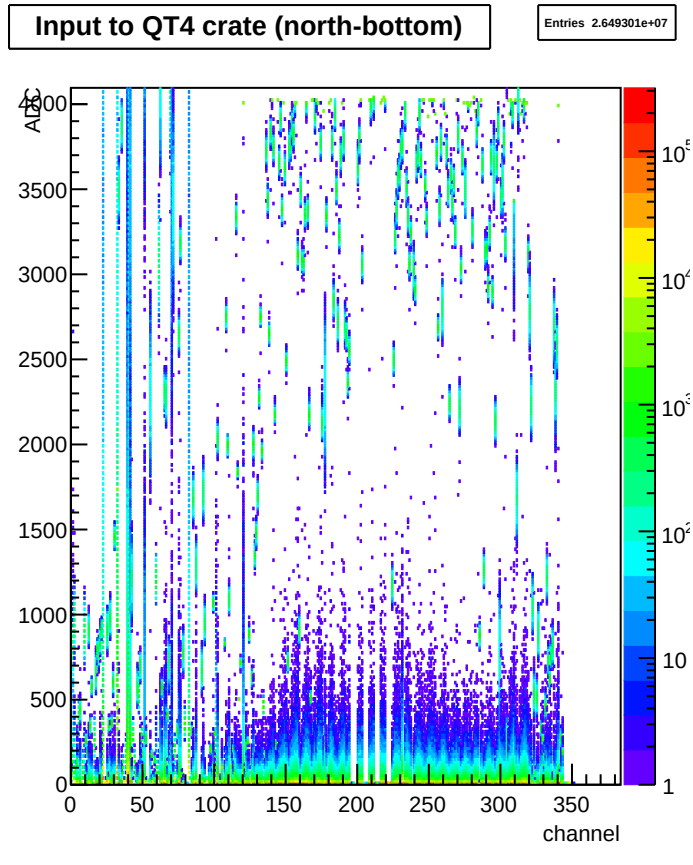

Entries 2720883
VPD East ADC Sum
VPD West ADC Sum

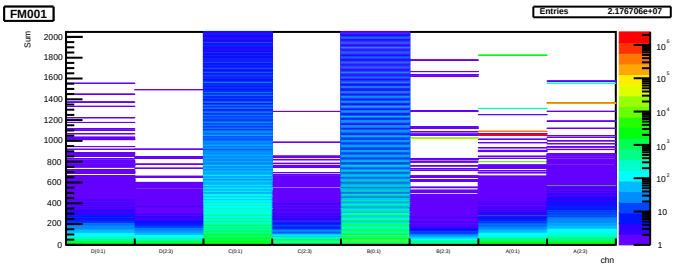

Entries 2720883
BBC-S TAC Diff
ZDC TAC Diff

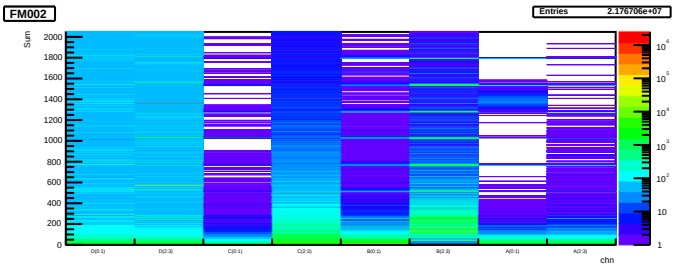

Input to QT1 crate (south-top)
Entries 2.789684e+07
ADC
channel

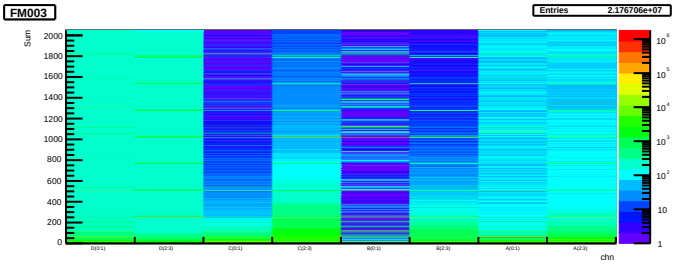

Input to QT3 crate (north-top)
Entries 3.043474e+07
ADC
channel

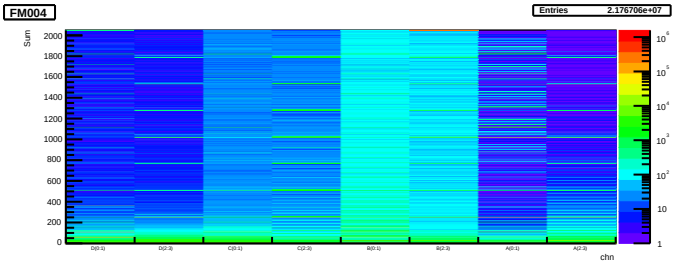

Input to QT2 crate (south-bottom)
Entries 3.713459e+07
ADC
channel

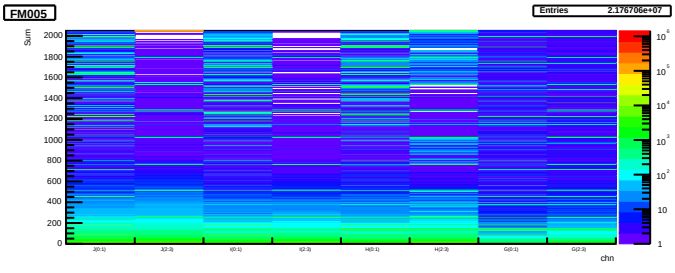

Input to QT4 crate (north-bottom)
Entries 2.649301e+07
ADC
channel

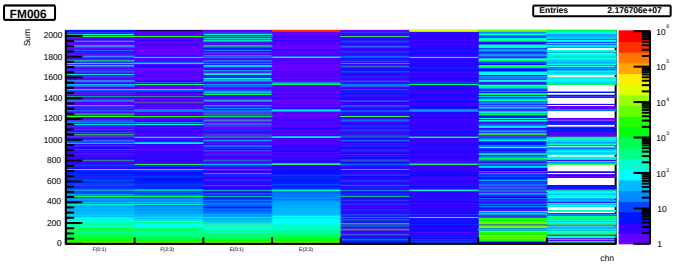

FM001
Entries 2.176706e+07
Sum
chn

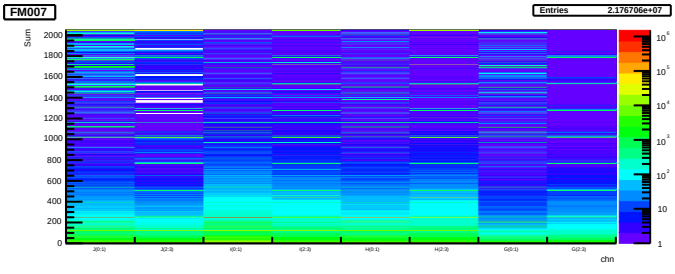

FM002
Entries 2.176706e+07
Sum
chn

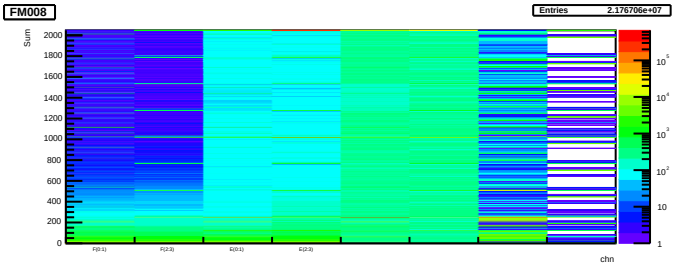

FM003
Entries 2.176706e+07
Sum
chn

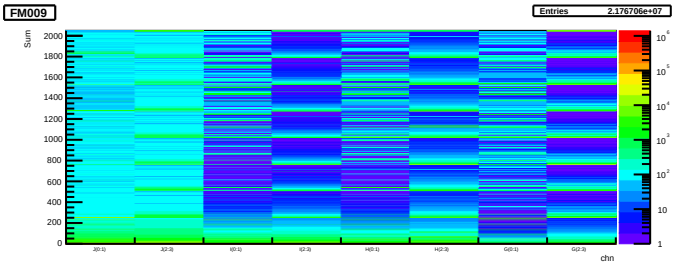

FM004
Entries 2.176706e+07
Sum
chn

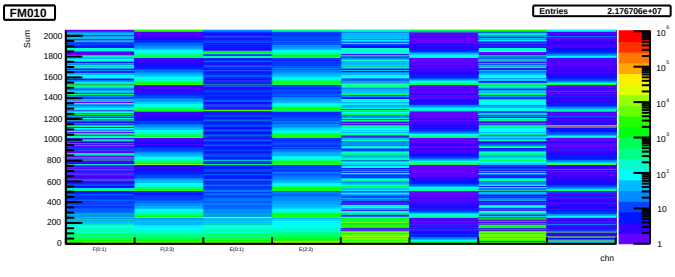

FM005
Entries 2.176706e+07
Sum
chn


FM006
Entries 2.176706e+07
Sum
chn


FM007
Entries 2.176706e+07
Sum
chn


FM008
Entries 2.176706e+07
Sum
chn


FM009
Entries 2.176706e+07
Sum
chn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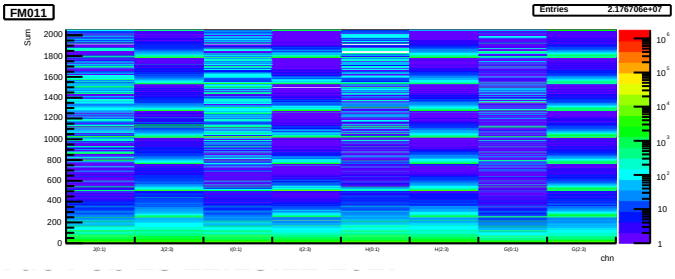
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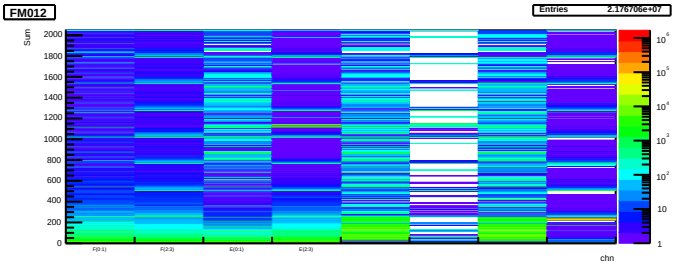
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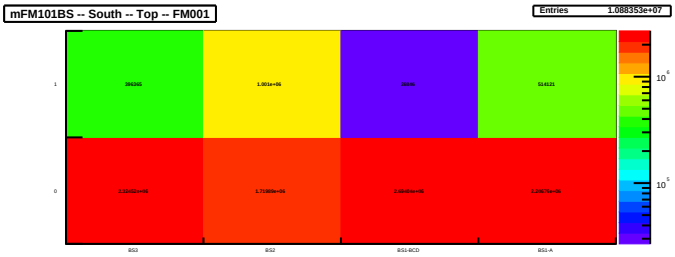
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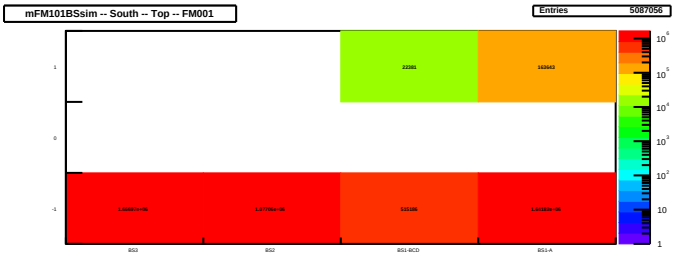
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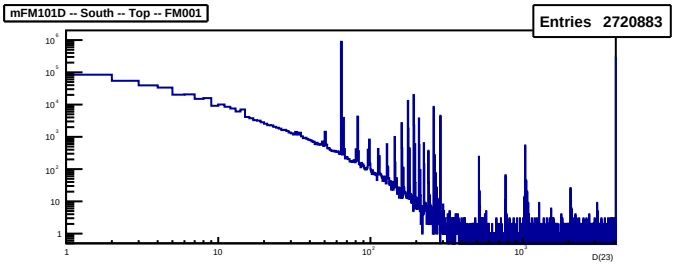
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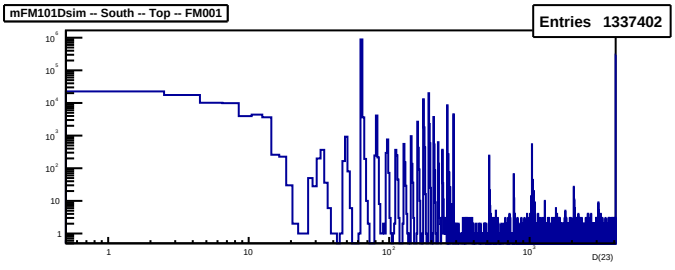
D(23)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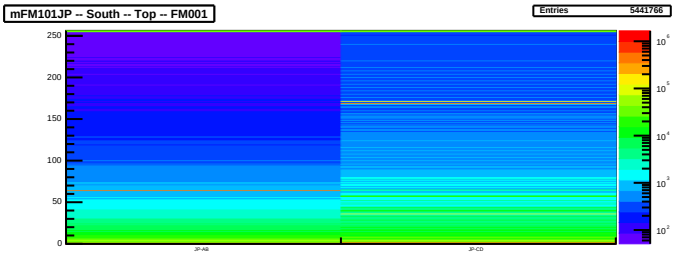
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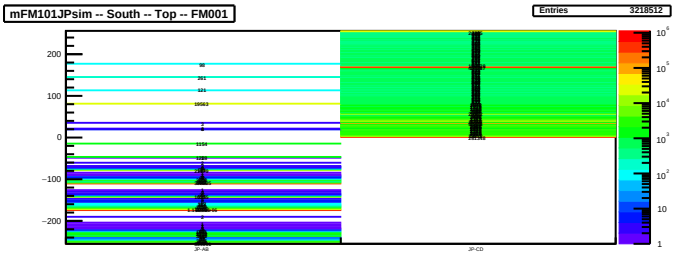
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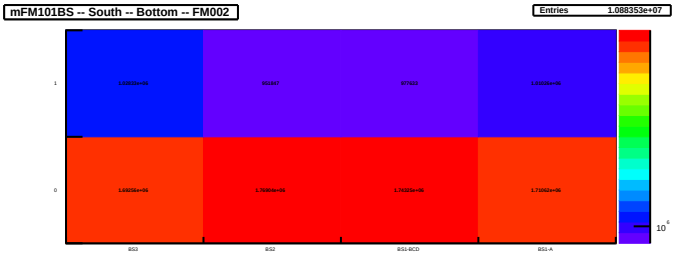
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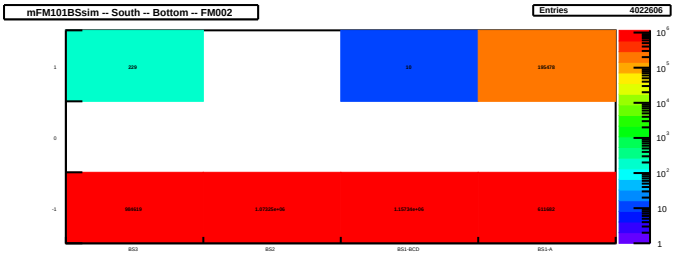
Entries 1.088353e+07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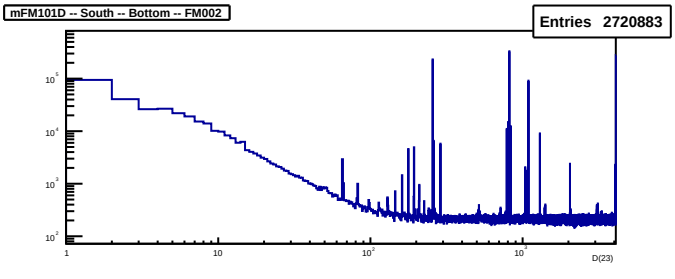
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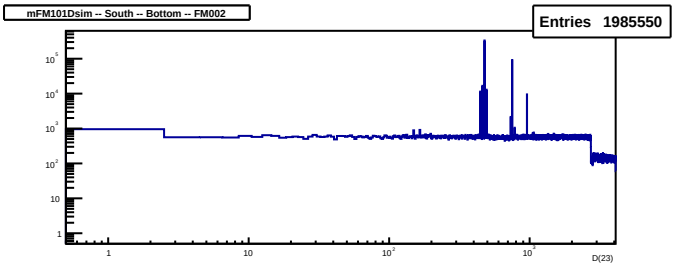
Entries 2720883
D(23)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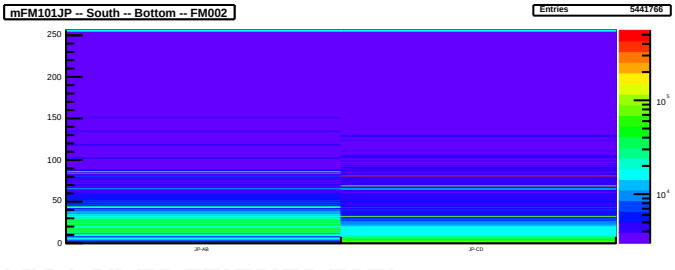
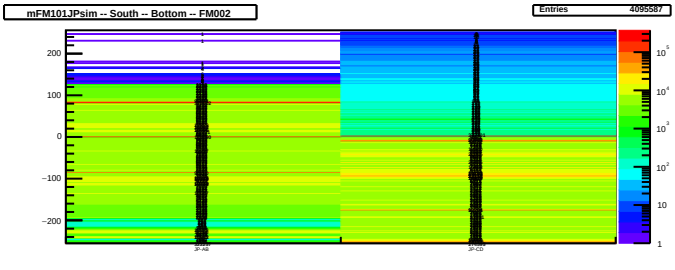

mFM101JP -- South -- Bottom -- FM002
Entries 5441766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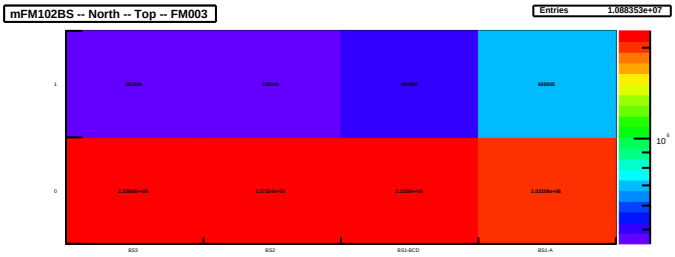
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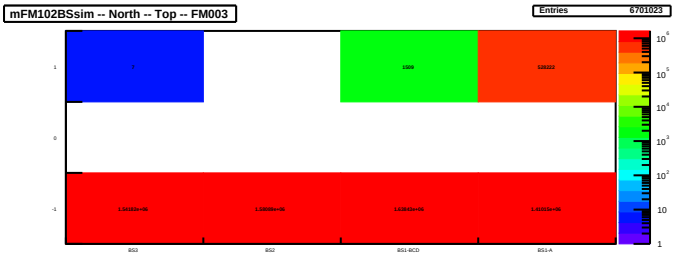
Entries 1.088353e+07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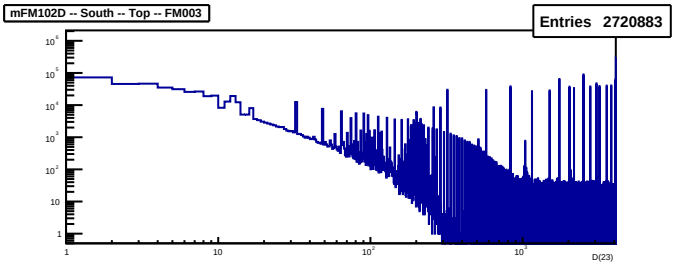
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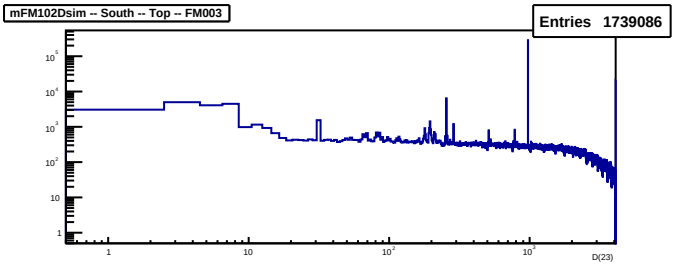
Entries 2720883
D(23)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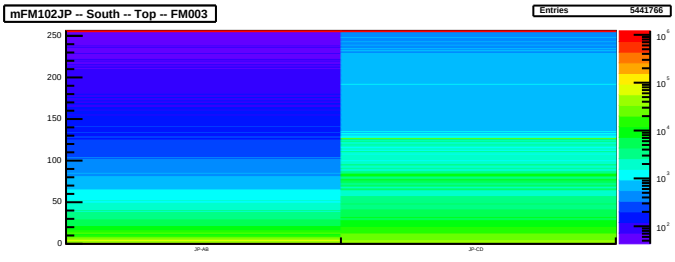
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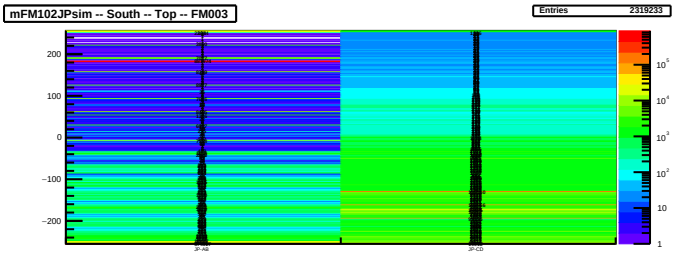
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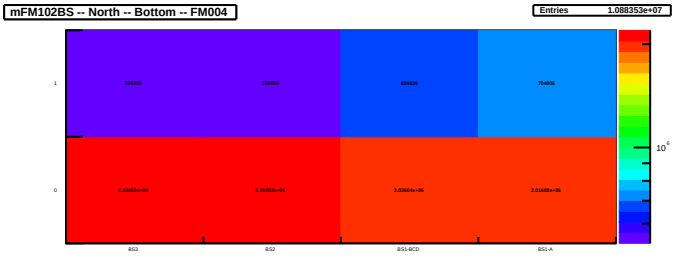
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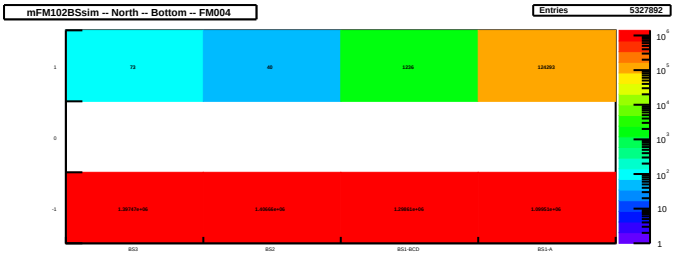
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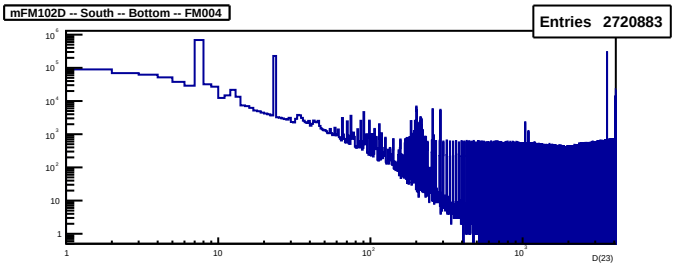
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Entries 2720883
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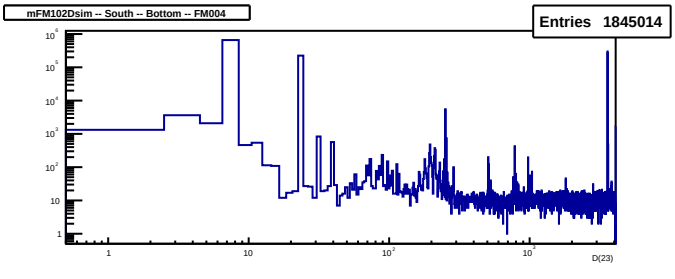
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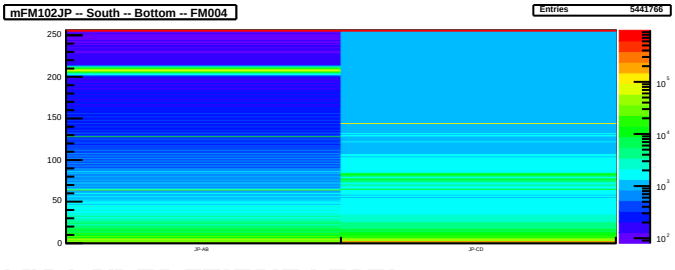
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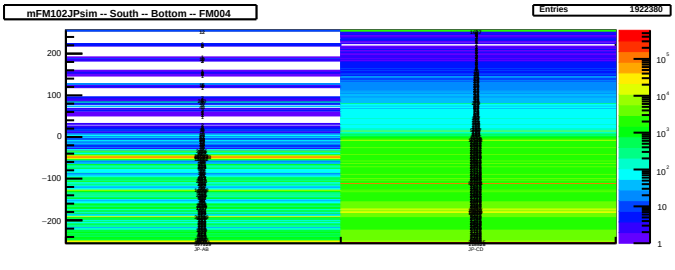
Entries 5441766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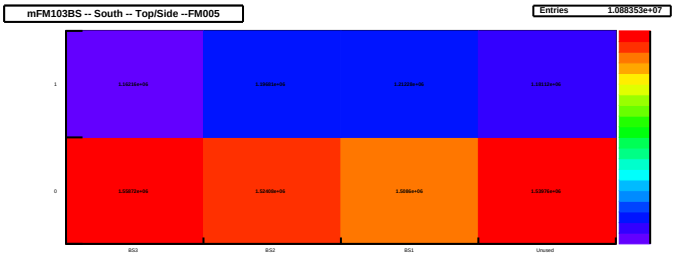
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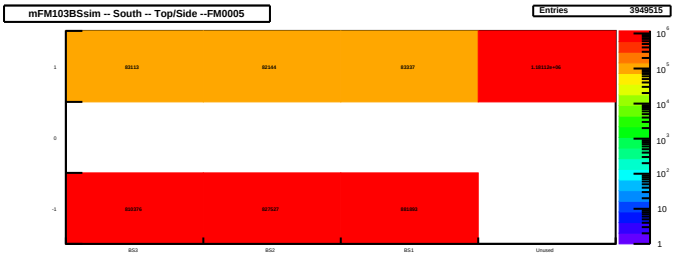
Entries 1.088353e+07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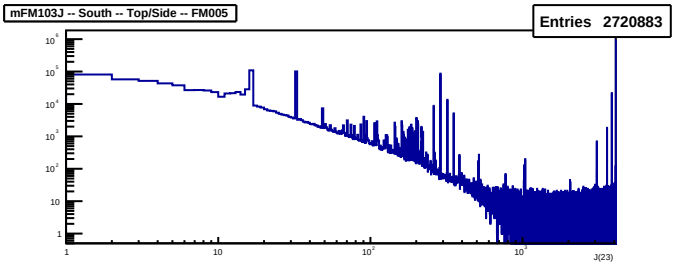
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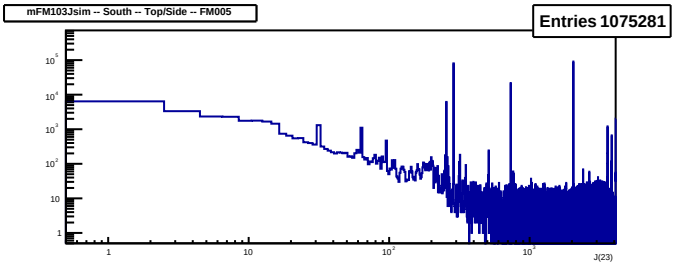
Entries 2720883
J(23)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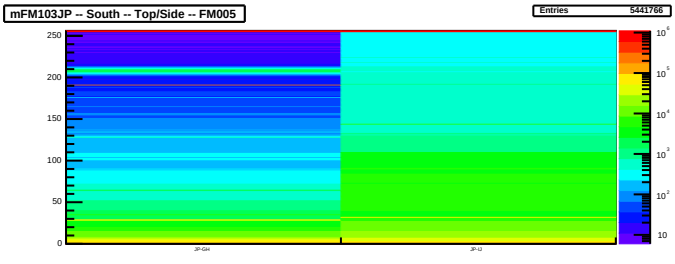
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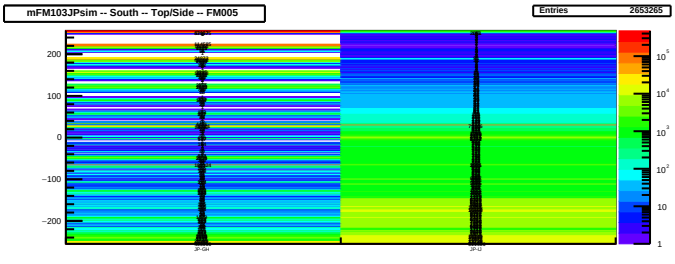
Entries 5441766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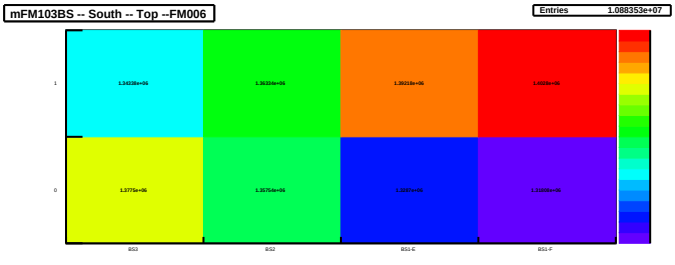
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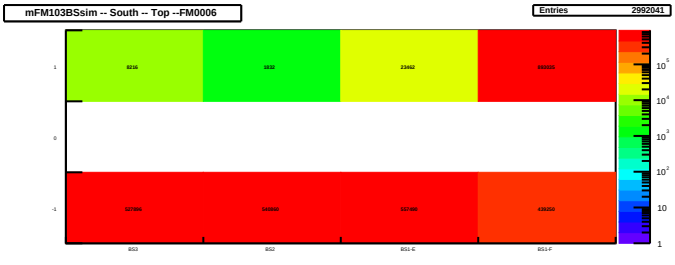
Entries 1.088353e+07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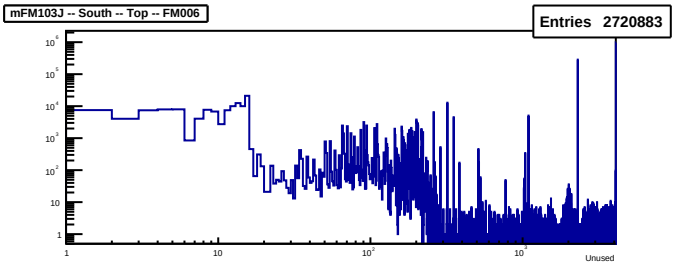
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Entries 2720883
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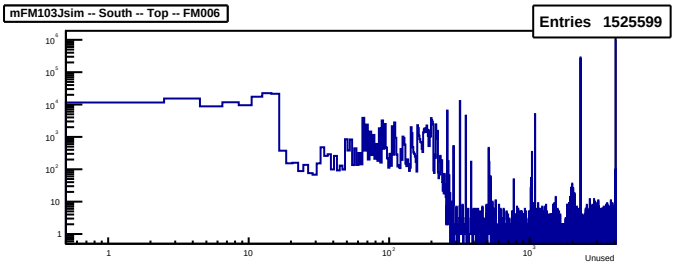
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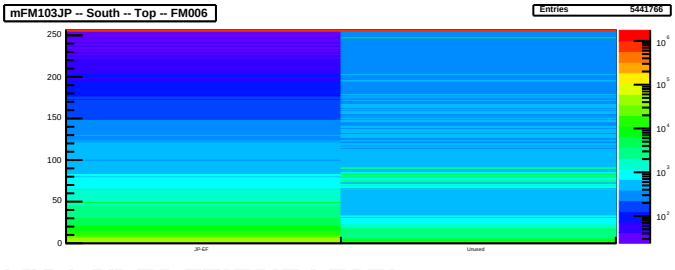
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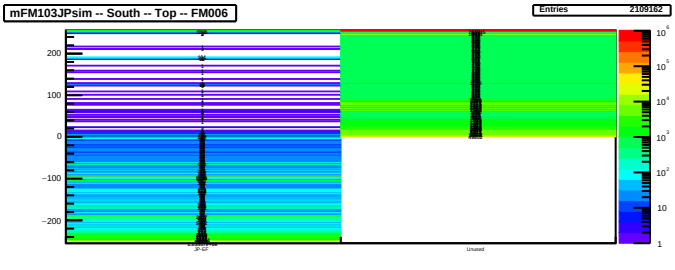
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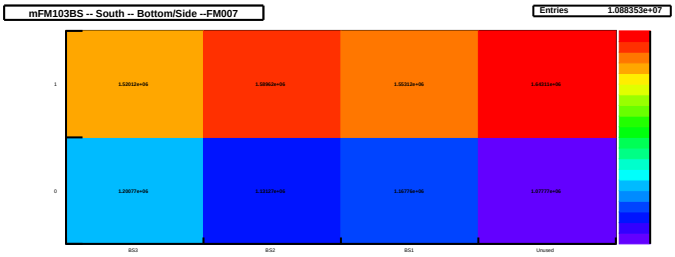
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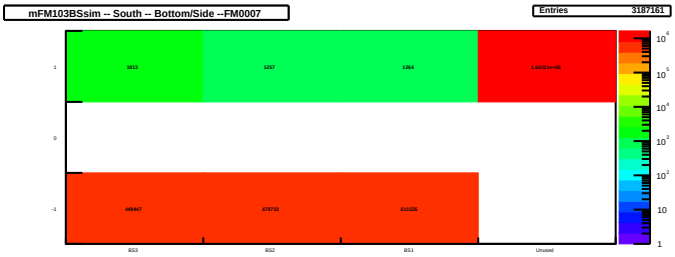
Entries 1.088353e+07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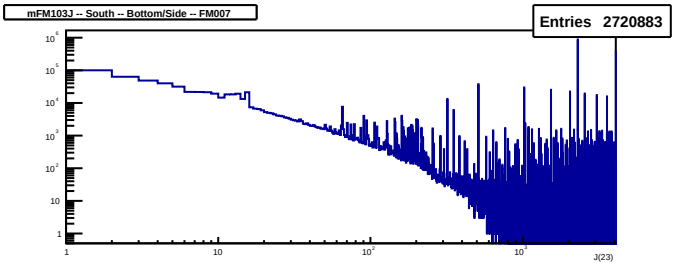
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Entries 2720883
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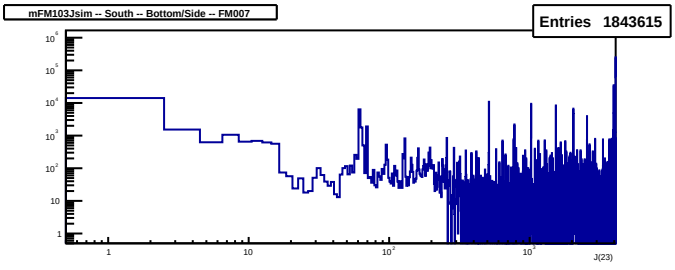
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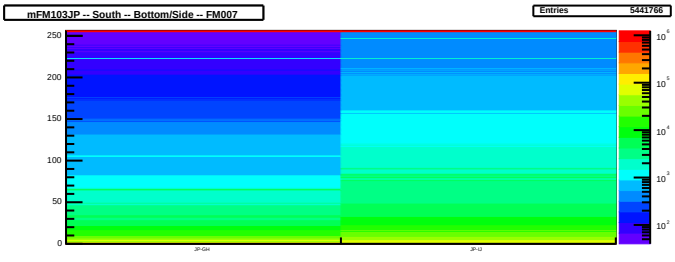
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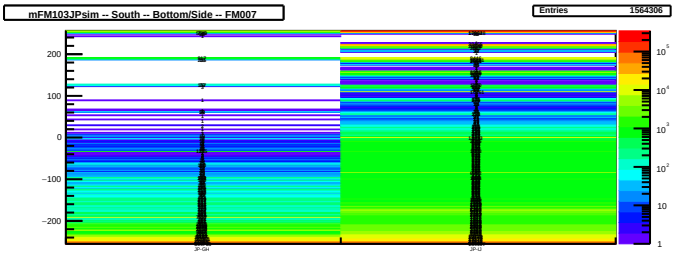
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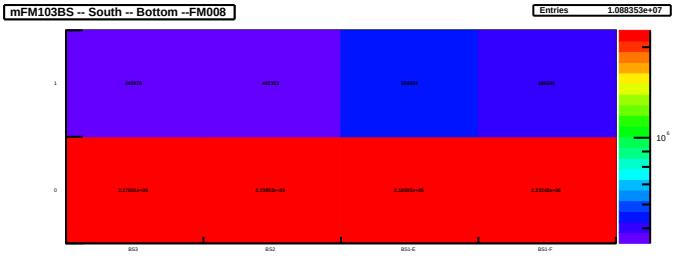
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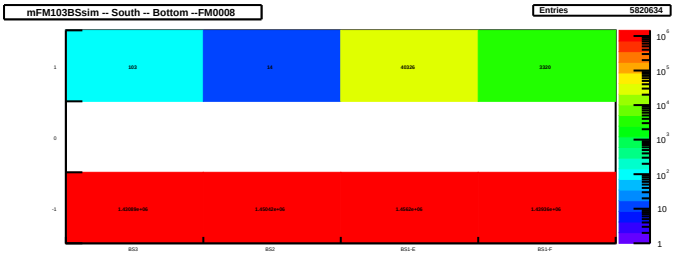
Entries 1.088353e+07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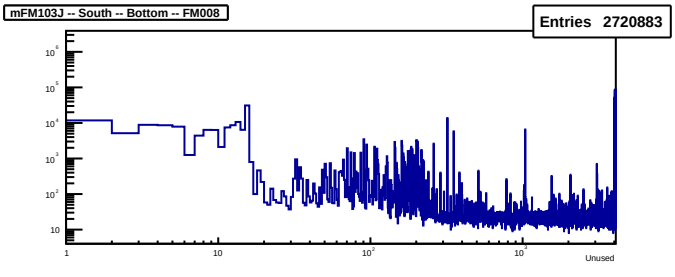
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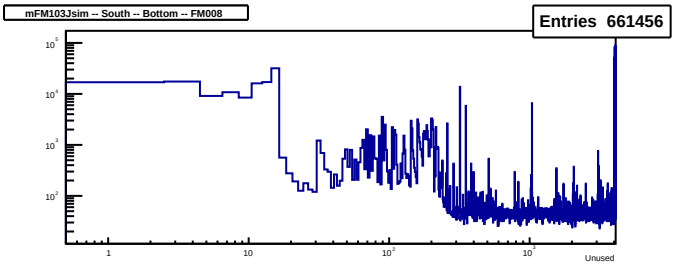
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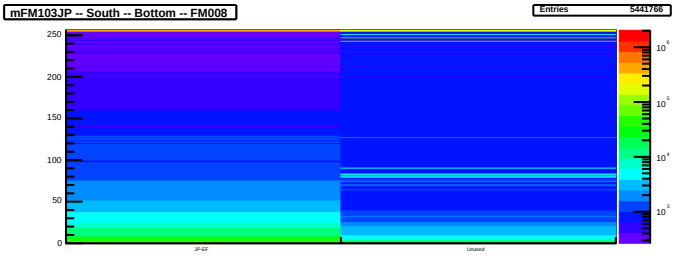
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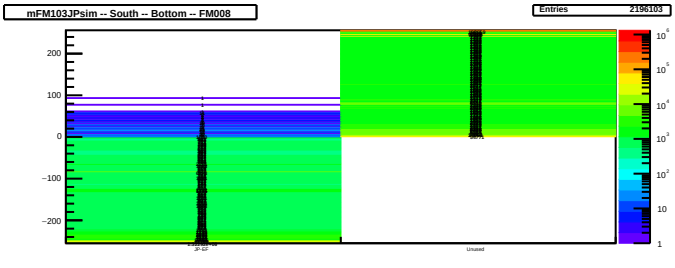
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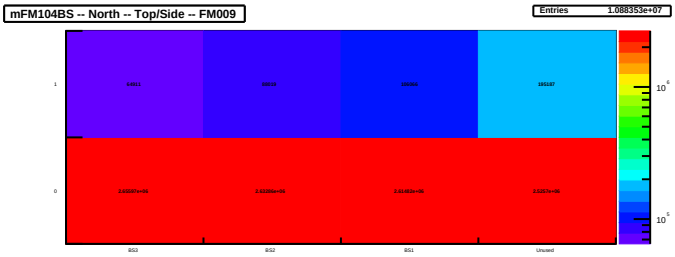
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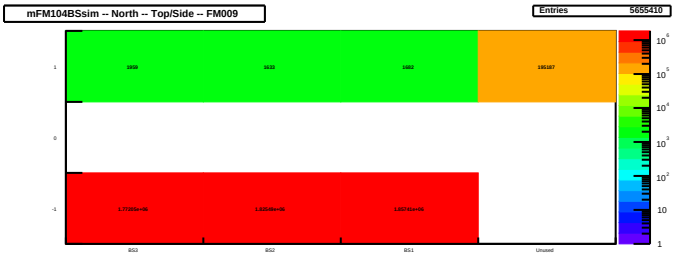
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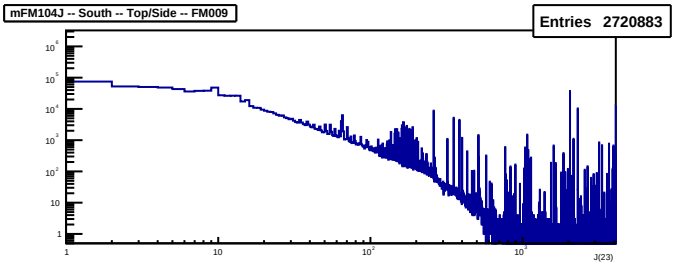
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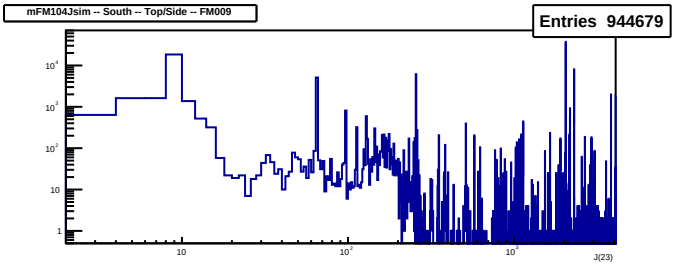
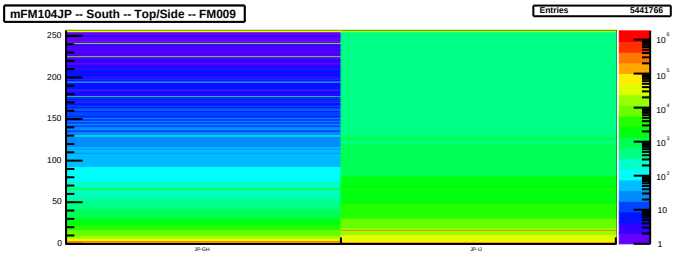
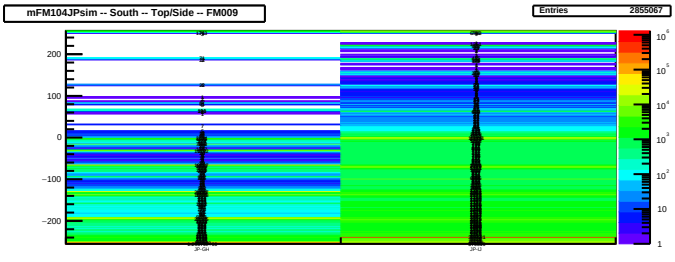
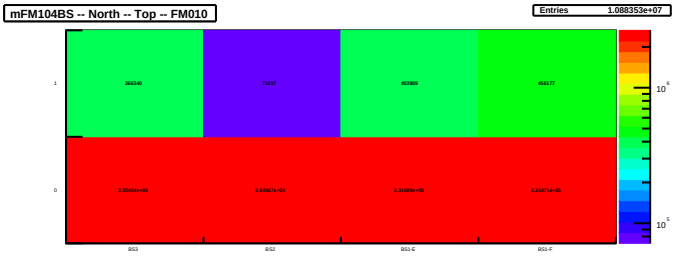
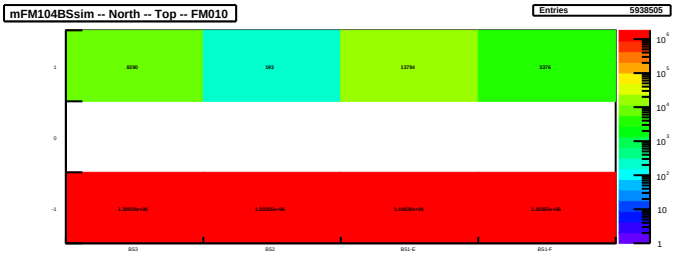
Entries 2720883
J(23)

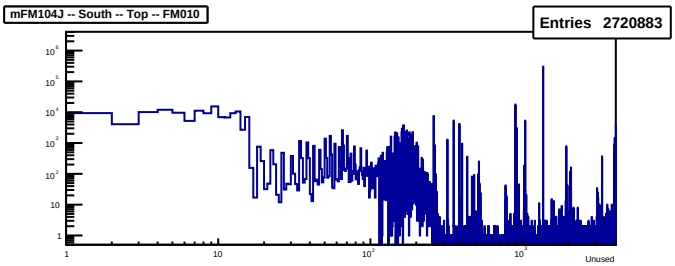

mFM104Jsim -- South -- Top/Side -- FM009
Entries 944679
J(23)

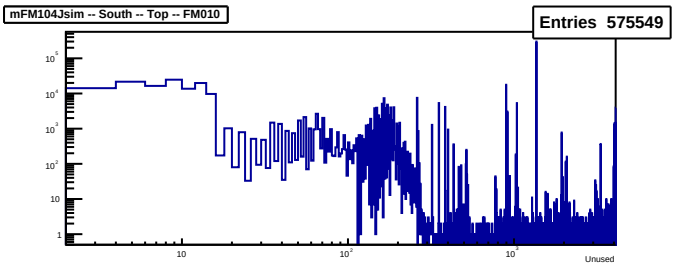

mFM104JP -- South -- Top/Side -- FM009
Entries 5441766

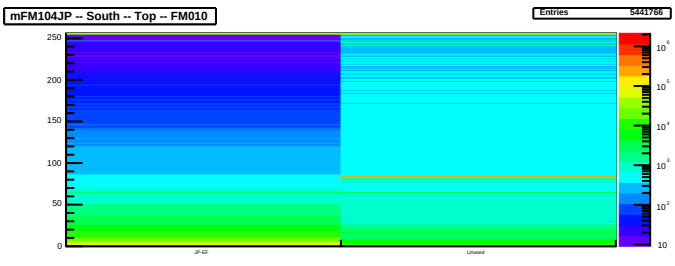

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2855067

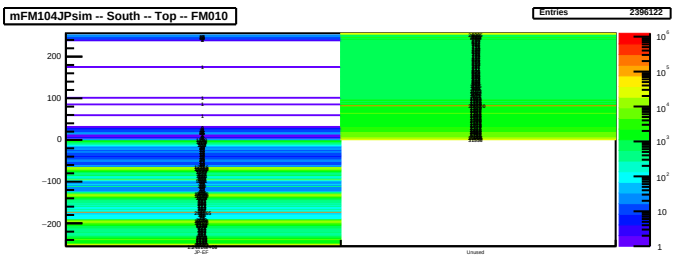

mFM104BS -- North -- Top -- FM010
Entries 1.088353e+07

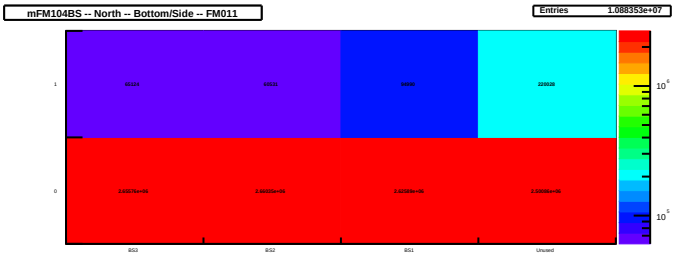

mFM104BSsim -- North -- Top -- FM010
Entries 5938505

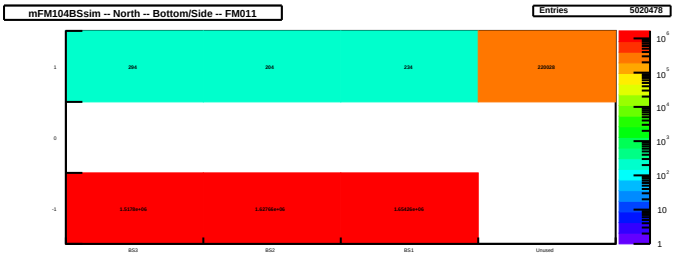

mFM104J -- South -- Top -- FM010
Entries 2720883
Unused

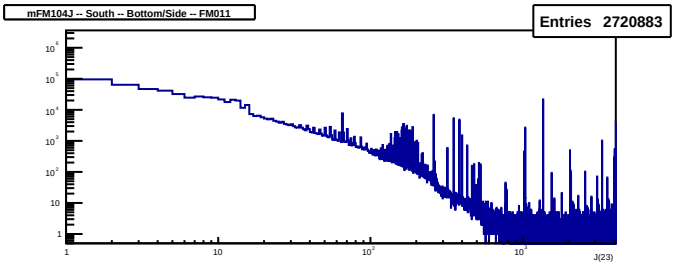

mFM104Jsim -- South -- Top -- FM010
Entries 575549
Unused

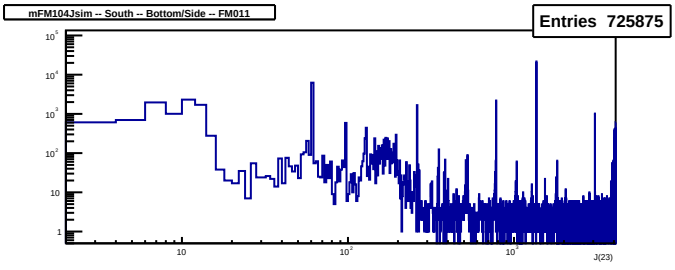

mFM104JP -- South -- Top -- FM010
Entries 5441766

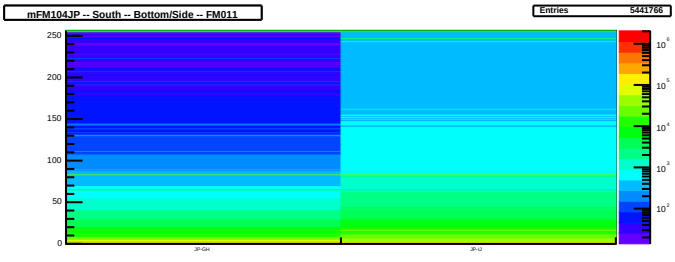

mFM104JPsim -- South -- Top -- FM010
Entries 2396122

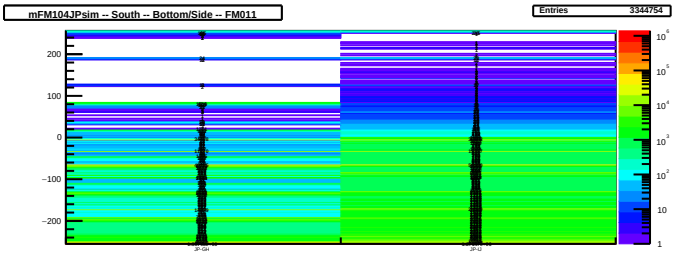

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.088353e+07

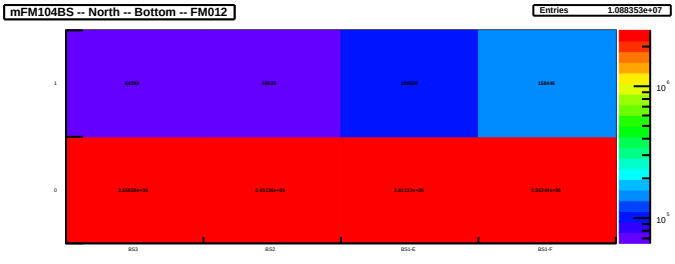

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5020478

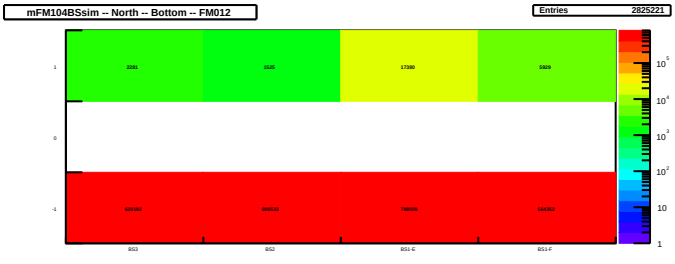

mFM104J -- South -- Bottom/Side -- FM011
Entries 2720883
J(23)

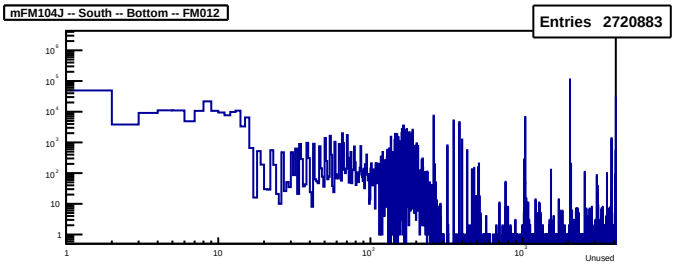

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 725875
J(23)

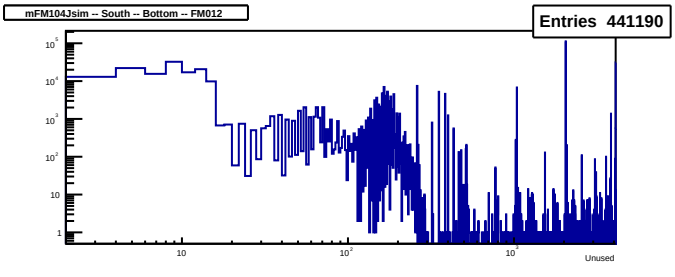

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5441766

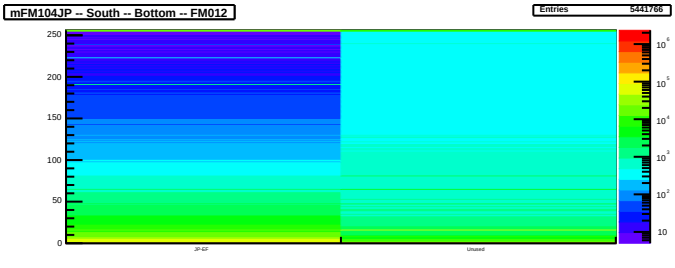

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3344754

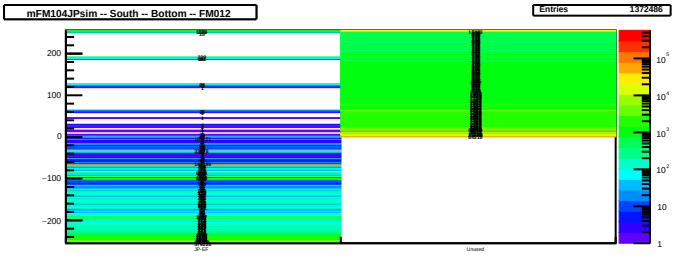

mFM104BS -- North -- Bottom -- FM012
Entries 1.088353e+07

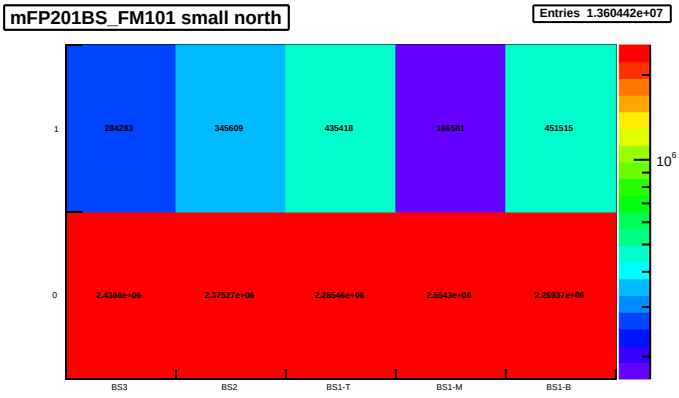

mFM104BSsim -- North -- Bottom -- FM012
Entries 2825221

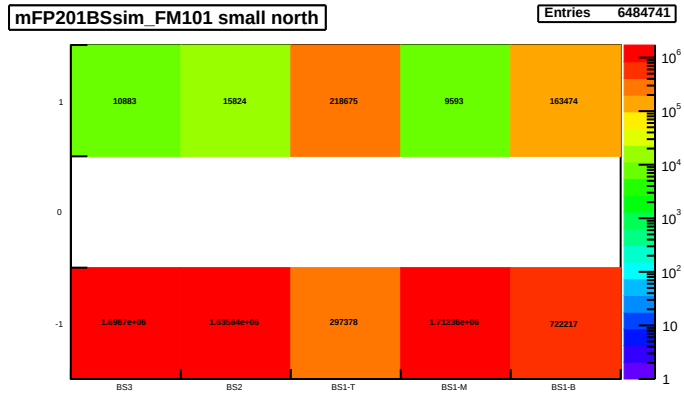

mFM104J -- South -- Bottom -- FM012
Entries 2720883
Unused

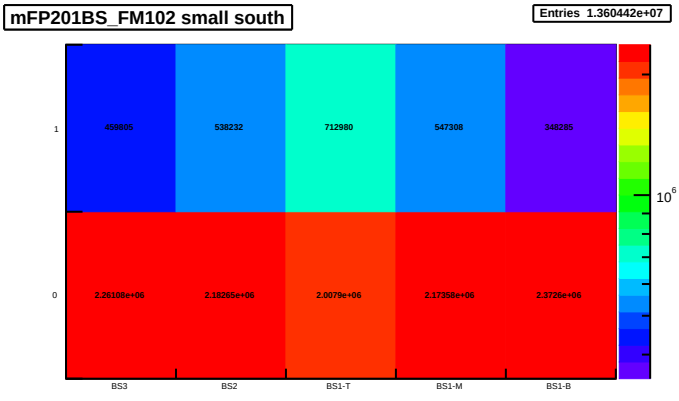

mFM104Jsim -- South -- Bottom -- FM012
Entries 441190
Unused

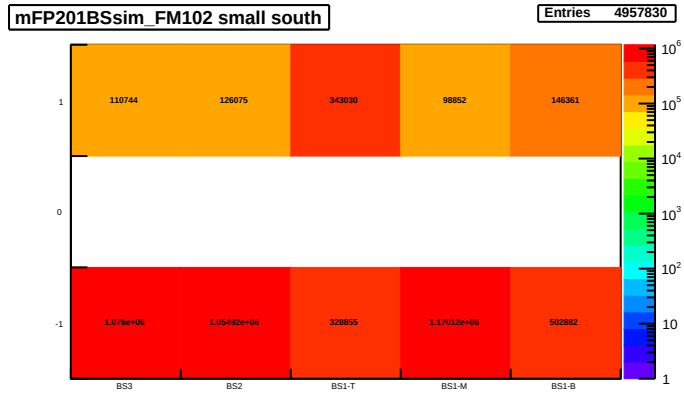

mFM104JP -- South -- Bottom -- FM012
Entries 5441766

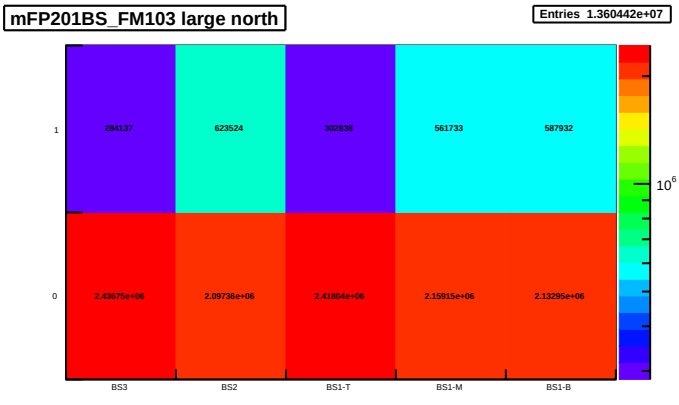

mFM104JPsim -- South -- Bottom -- FM012
Entries 1372486

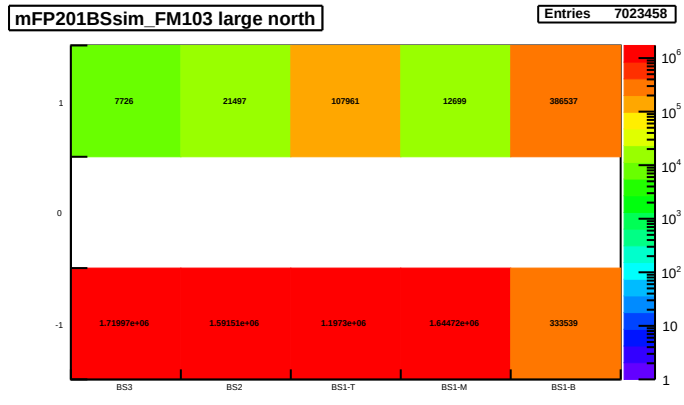

mFP201BS_FM101 small north
Entries 1.360442e+07
284283
345609
435418
166581
451515
2.4366e+06
2.37527e+06
2.28546e+06
2.5543e+06
2.26937e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

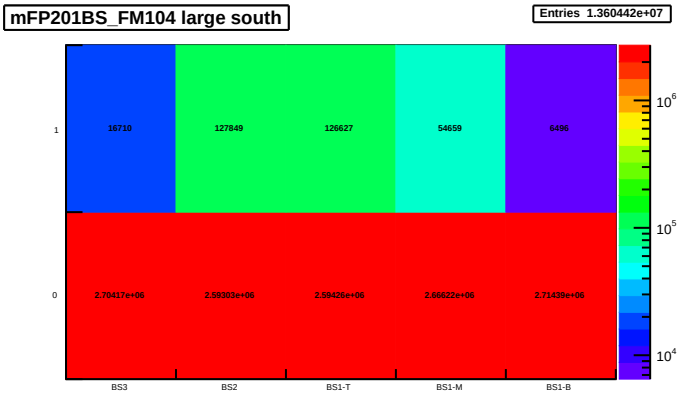

mFP201BSsim_FM101 small north
Entries 6484741
10883
15824
218675
9593
163474
1.6987e+06
1.63564e+06
297378
1.71236e+06
722217
BS3
BS2
BS1-T
BS1-M
BS1-B

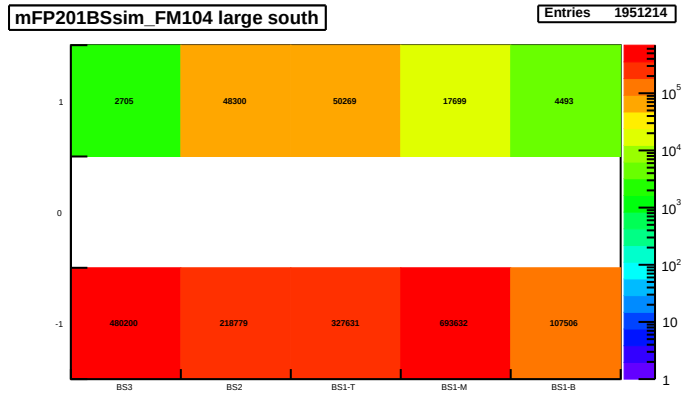

mFP201BS_FM102 small south
Entries 1.360442e+07
459805
538232
712980
547308
348285
2.26108e+06
2.18265e+06
2.0079e+06
2.17358e+06
2.3726e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

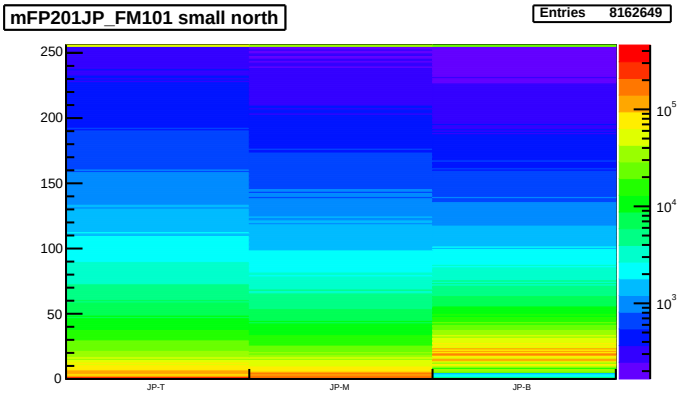

mFP201BSsim_FM102 small south
Entries 4957830
110744
126075
343030
98852
146361
1.076e+06
1.05492e+06
328855
1.17012e+06
502882
BS3
BS2
BS1-T
BS1-M
BS1-B

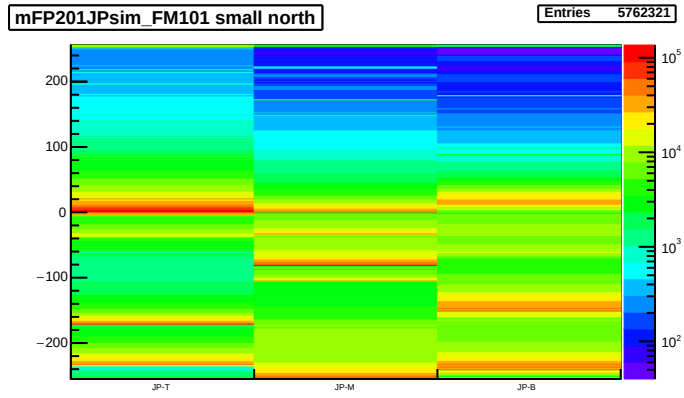

mFP201BS_FM103 large north
Entries 1.360442e+07
284137
623524
302838
561733
587932
2.43675e+06
2.09736e+06
2.41804e+06
2.15915e+06
2.13295e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

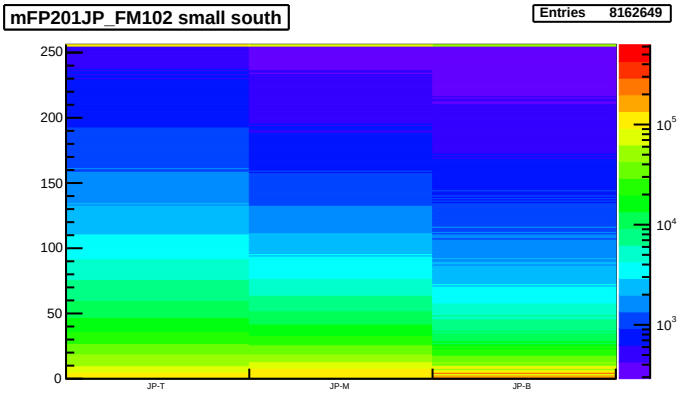

mFP201BSsim_FM103 large north
Entries 7023458
7726
21497
107961
12699
386537
1.71997e+06
1.59151e+06
1.1973e+06
1.64472e+06
333539
BS3
BS2
BS1-T
BS1-M
BS1-B

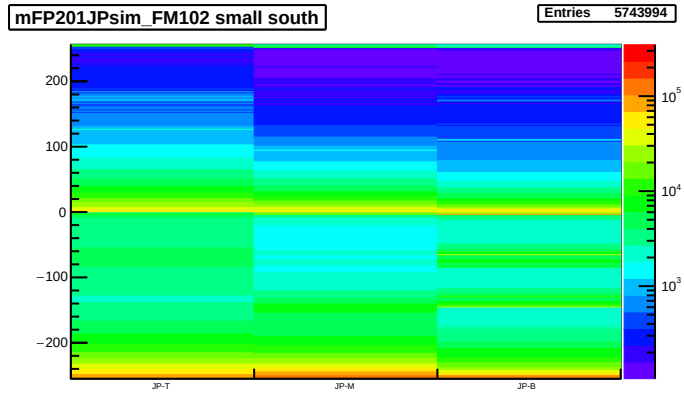

mFP201BS_FM104 large south
Entries 1.360442e+07
16710
127849
126627
54659
6496
2.70417e+06
2.59303e+06
2.59426e+06
2.66622e+06
2.71439e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

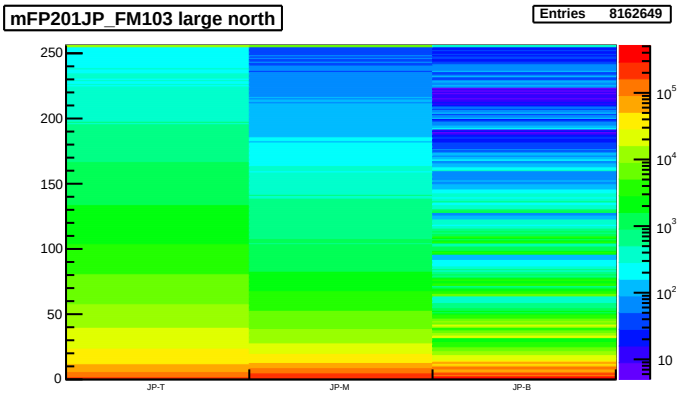

mFP201BSsim_FM104 large south
Entries 1951214
2705
48300
50269
17699
4493
480200
218779
327631
693632
107506
BS3
BS2
BS1-T
BS1-M
BS1-B

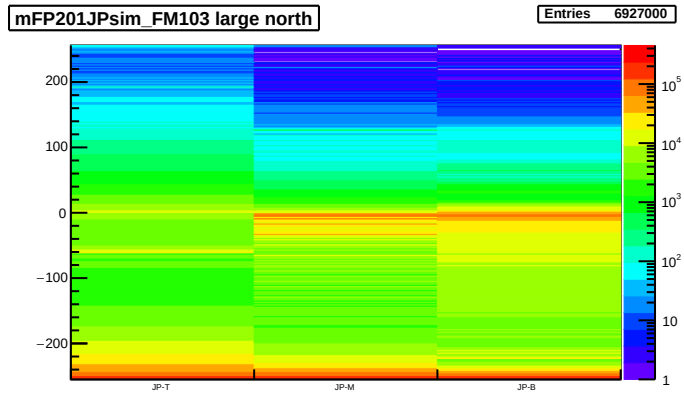

mFP201JP_FM101 small north
Entries 8162649
JP-T
JP-M
JP-B

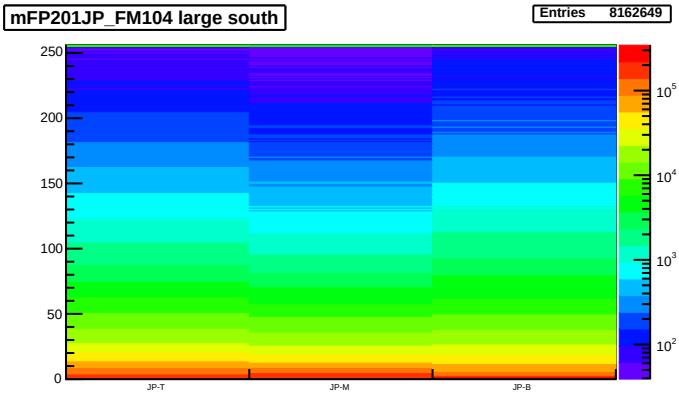

mFP201JPsim_FM101 small north
Entries 5762321
JP-T
JP-M
JP-B

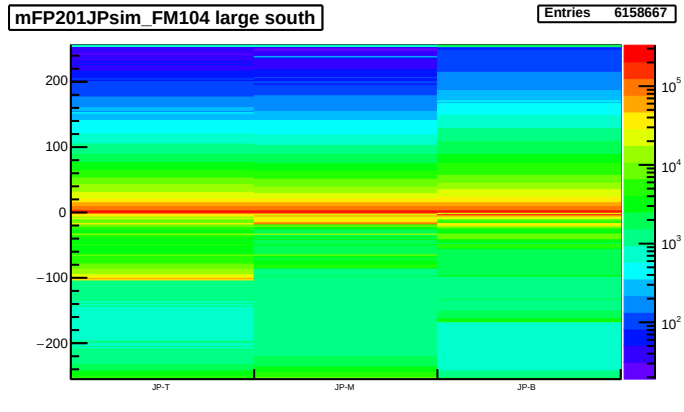

mFP201JP_FM102 small south
Entries 8162649
JP-T
JP-M
JP-B

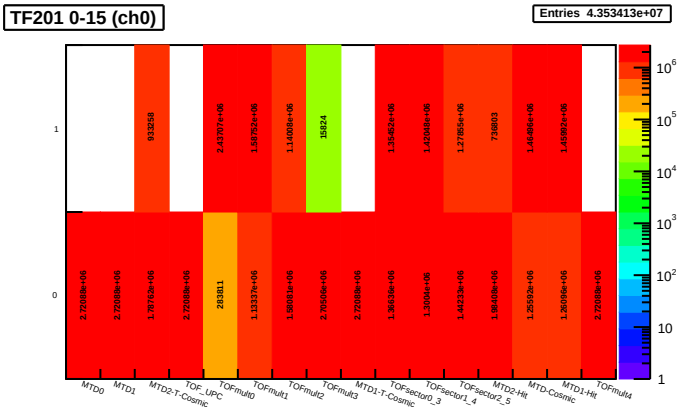

mFP201JPsim_FM102 small south
Entries 5743994
JP-T
JP-M
JP-B

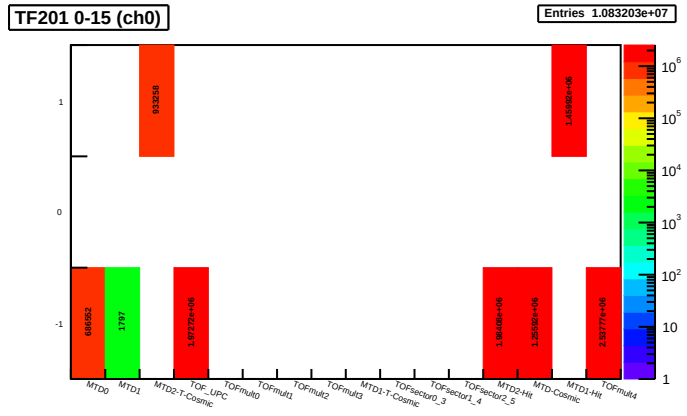

mFP201JP_FM103 large north
Entries 8162649
JP-T
JP-M
JP-B

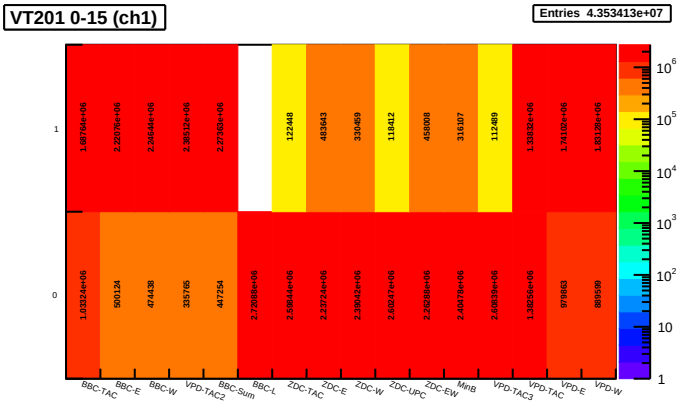

mFP201JPsim_FM103 large north
Entries 6927000
JP-T
JP-M
JP-B

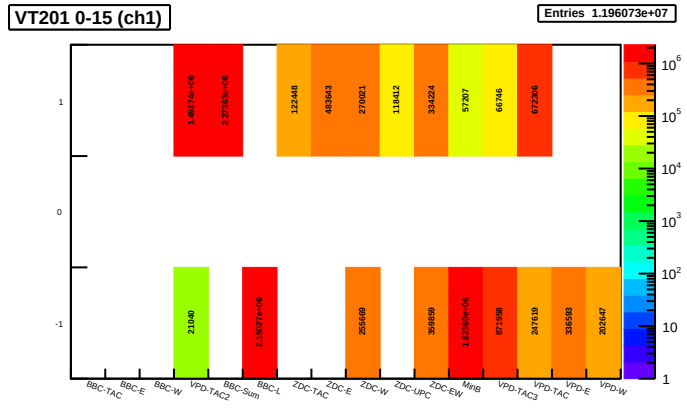

mFP201JP_FM104 large south
Entries 8162649
JP-T
JP-M
JP-B

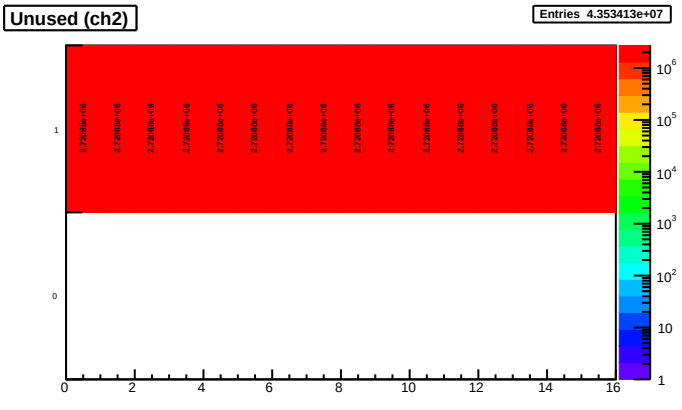

mFP201JPsim_FM104 large south
Entries 6158667
JP-T
JP-M
JP-B

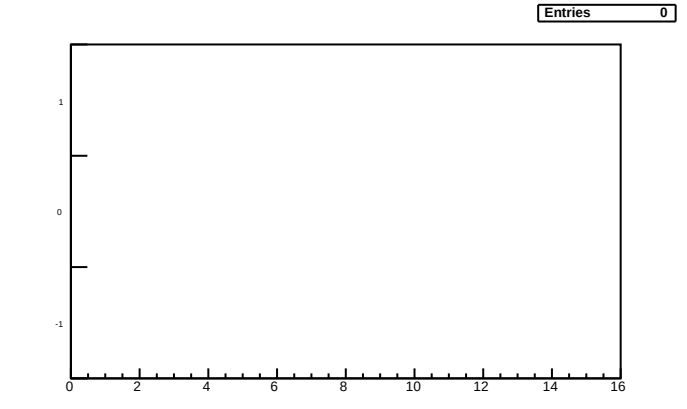

TF201 0-15 (ch0)
Entries 4.353413e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

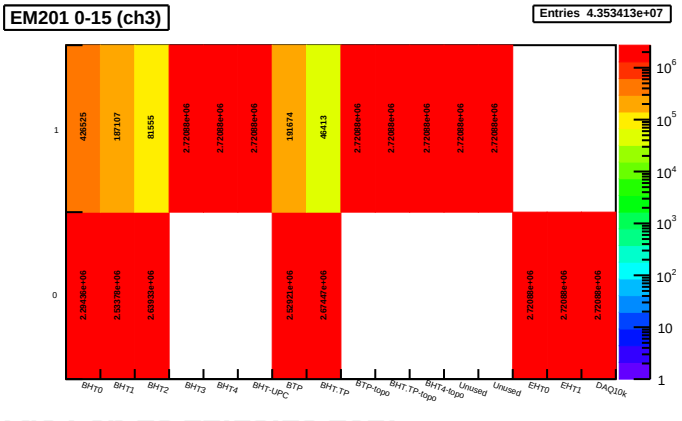

TF201 0-15 (ch0)
Entries 1.083203e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

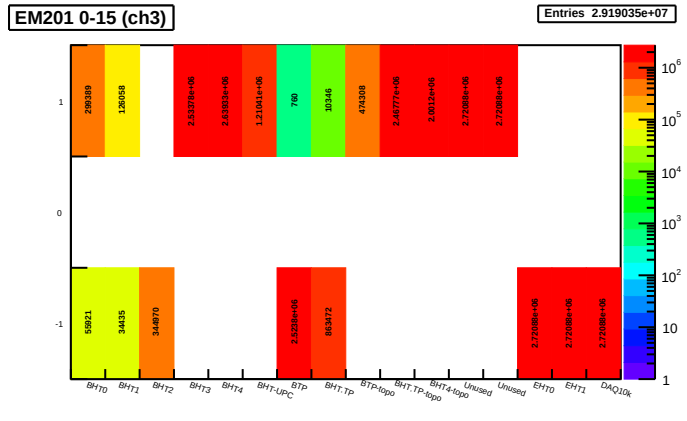

VT201 0-15 (ch1)
Entries 4.353413e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 1.196073e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

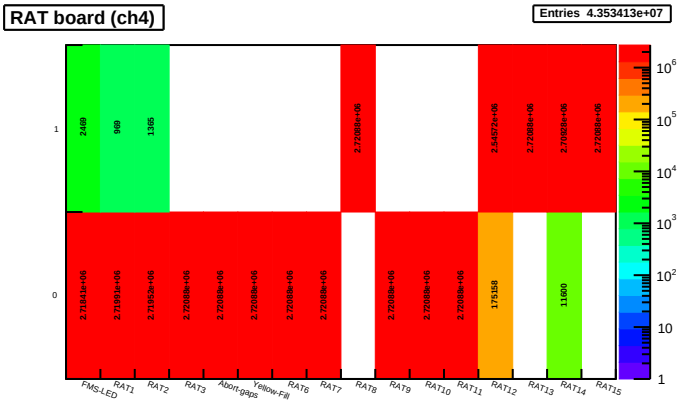

Unused (ch2)
Entries 4.353413e+07

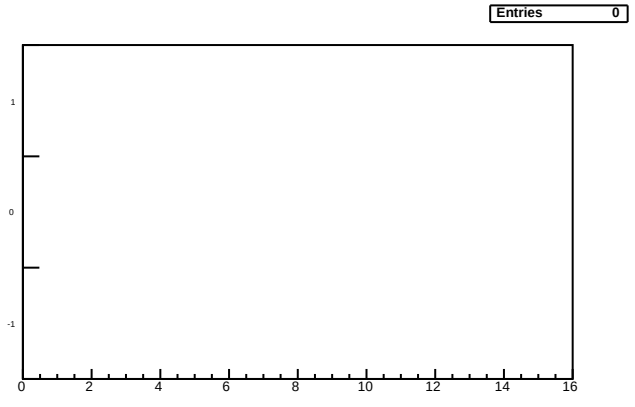

Entries 0


EM201 0-15 (ch3)
Entries 4.353413e+07
BH0
BH1
BH2
BH3
BH4
BH-UPC
BTP
BH.TP
BTP-topo
BH.TP-topo
BH4-topo
Unused
Unused
EH0
EH1
DAQ10k

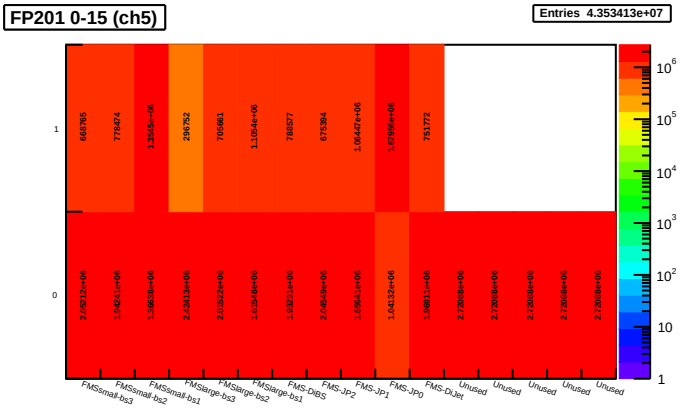

EM201 0-15 (ch3)
Entries 2.919035e+07
BH0
BH1
BH2
BH3
BH4
BH-UPC
BTP
BH.TP
BTP-topo
BH.TP-topo
BH4-topo
Unused
Unused
EH0
EH1
DAQ10k

RAT board (ch4)





FP201 0-15 (ch5)



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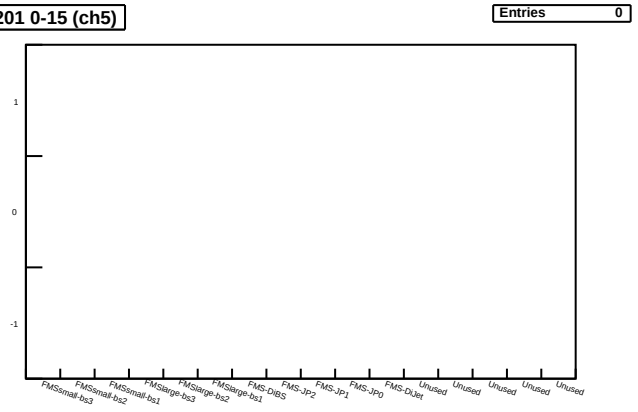

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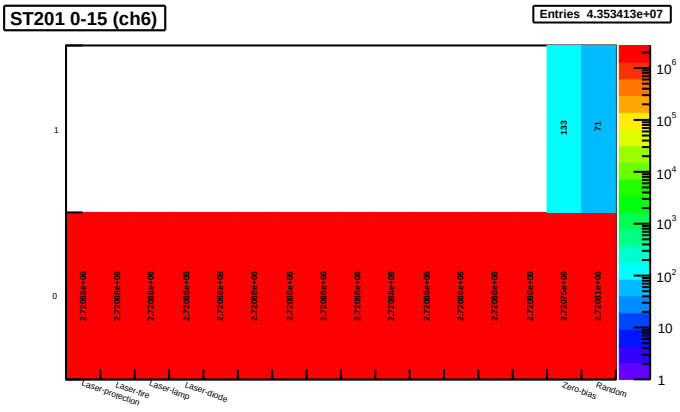

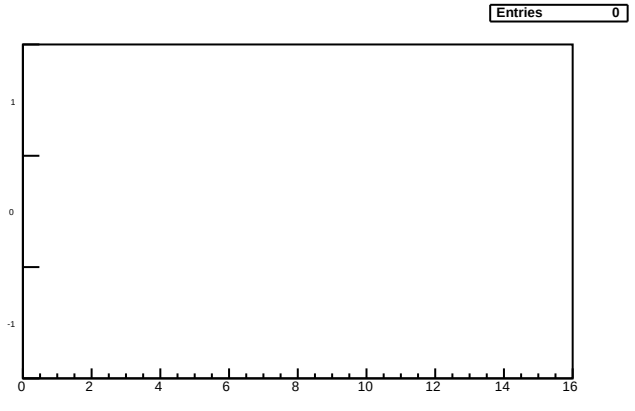
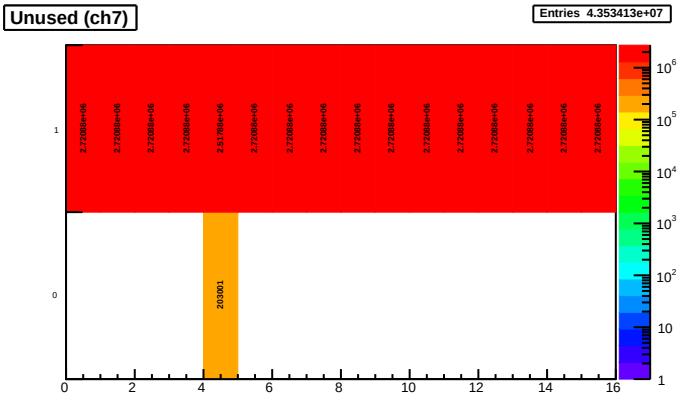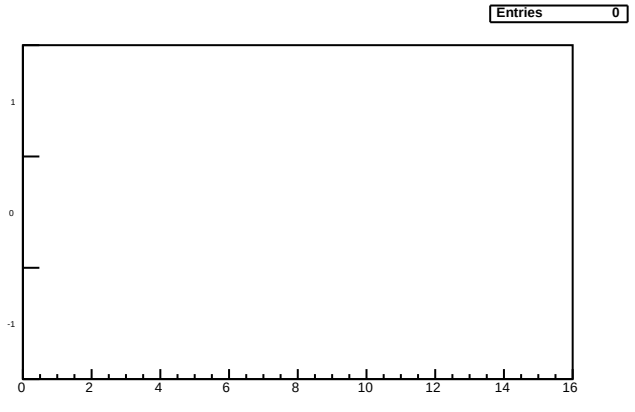
Unused (ch7)