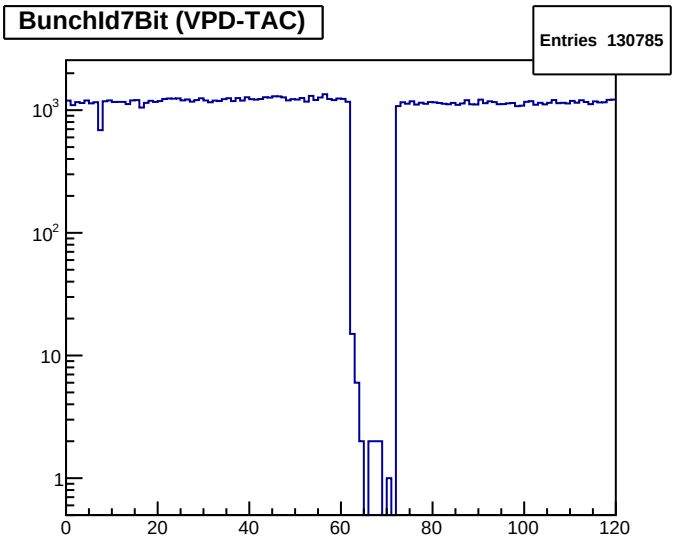
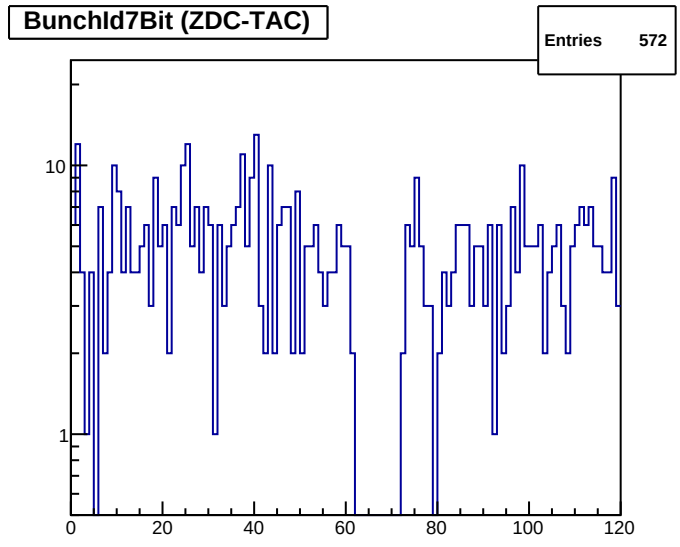
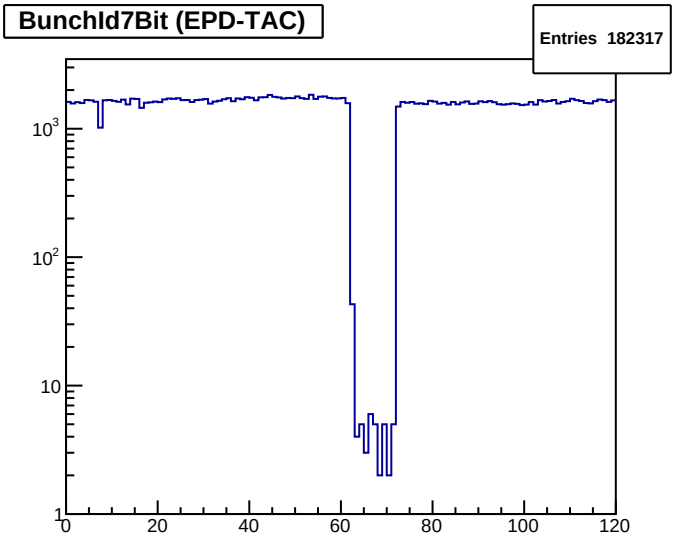
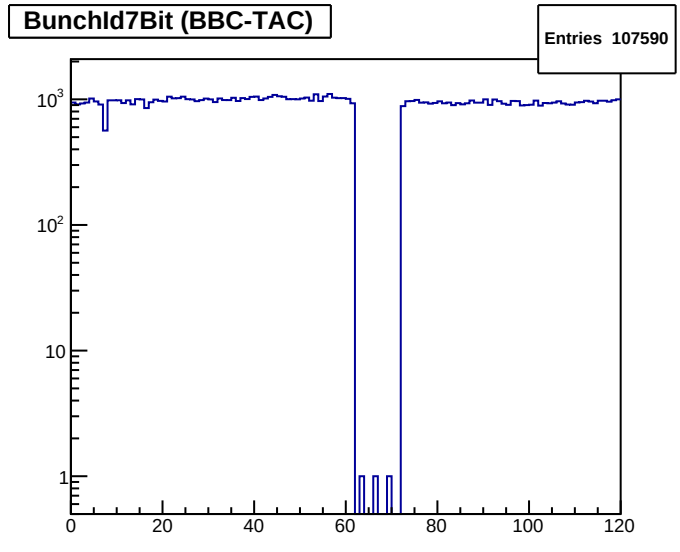
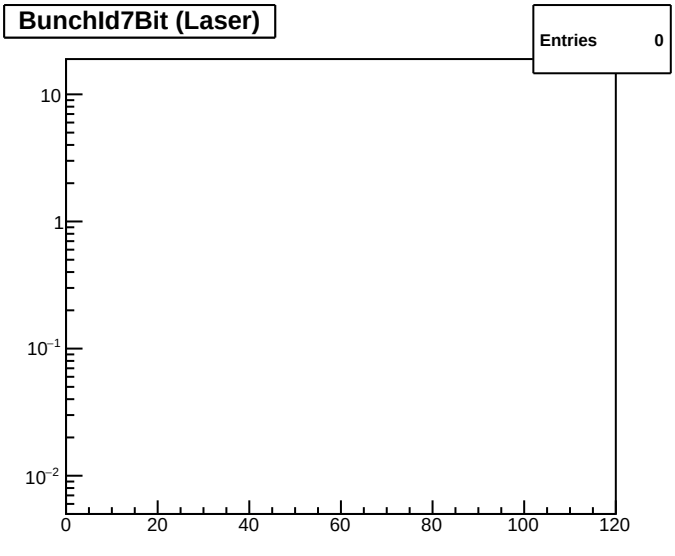
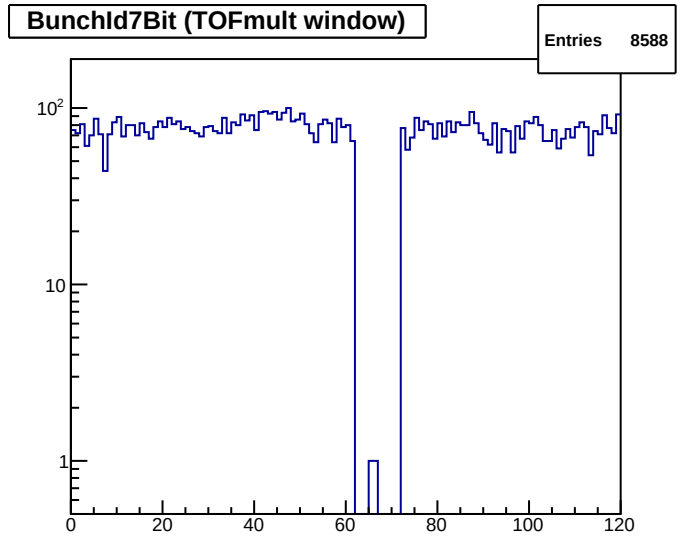

BunchId7Bit (VPD-TAC)
Entries 130785

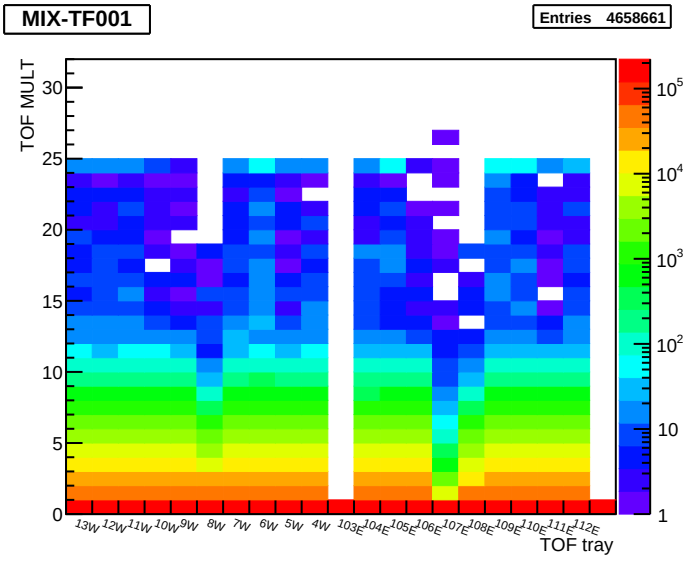

BunchId7Bit (ZDC-TAC)
Entries 572

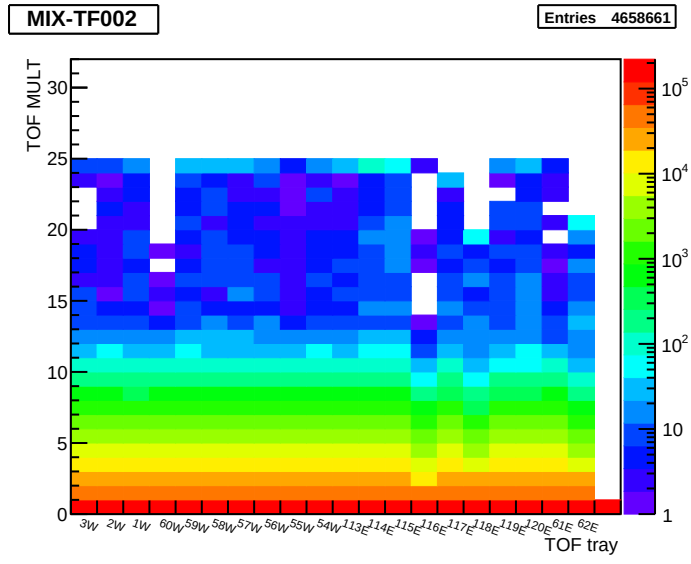

BunchId7Bit (EPD-TAC)
Entries 182317

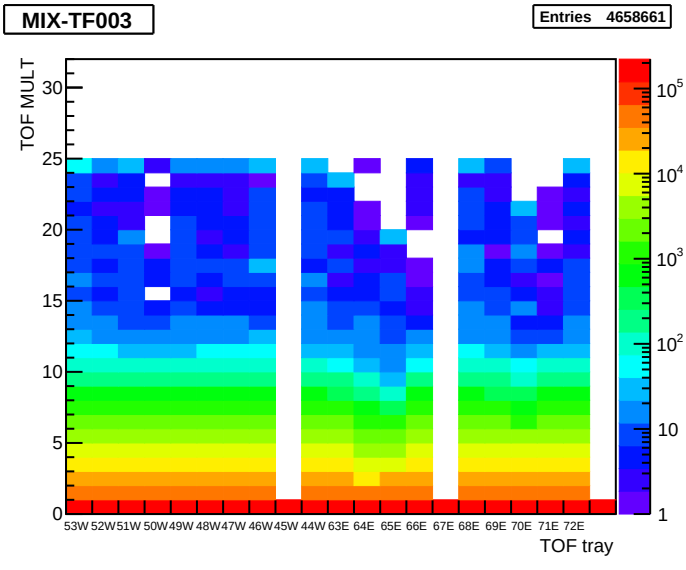

BunchId7Bit (BBC-TAC)
Entries 107590

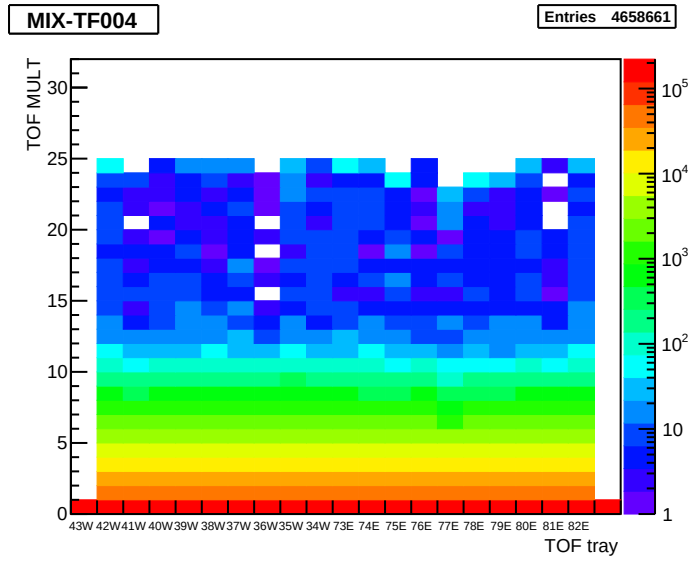

BunchId7Bit (Laser)
Entries 0

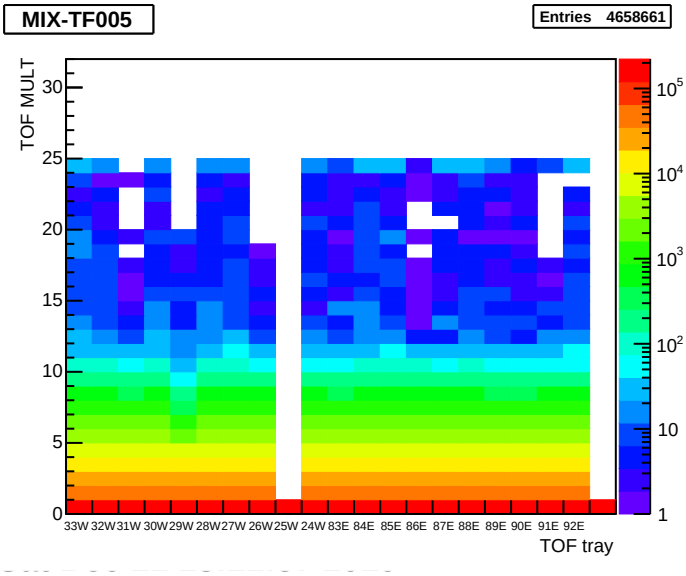

BunchId7Bit (TOFmult window)
Entries 8588

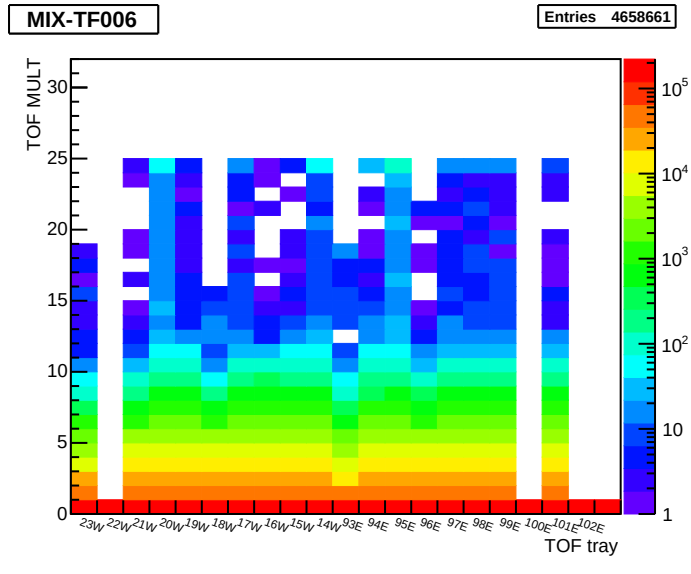

MIX-TF001
Entries 4658661
TOF MULT
TOF tray

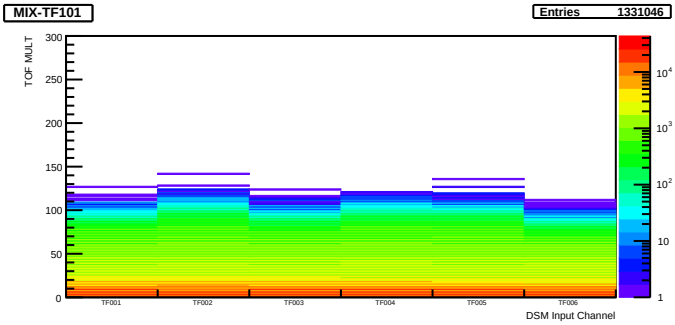

MIX-TF002
Entries 4658661
TOF MULT
TOF tray

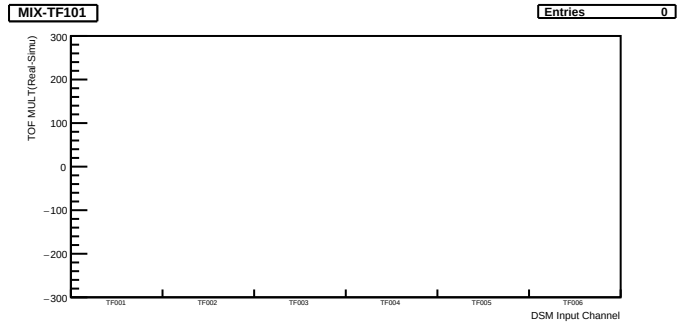

MIX-TF003
Entries 4658661
TOF MULT
TOF tray

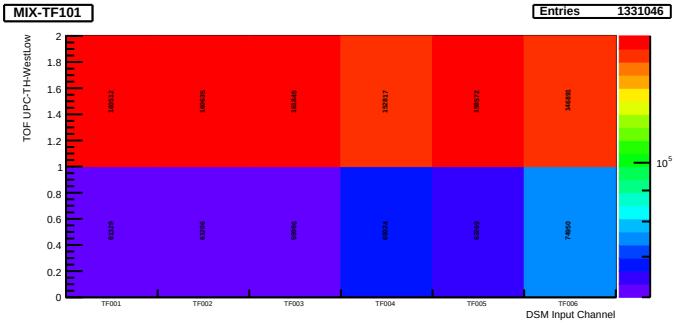

MIX-TF004
Entries 4658661
TOF MULT
TOF tray

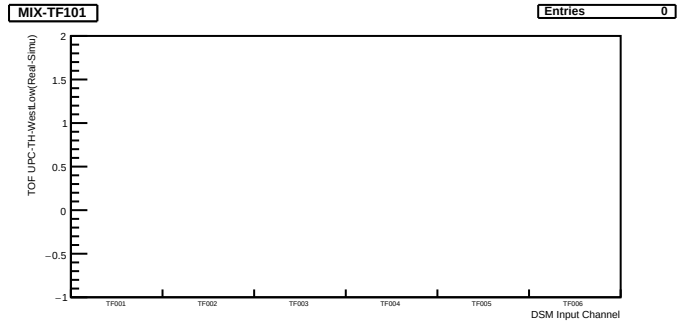

MIX-TF005
Entries 4658661
TOF MULT
TOF tray

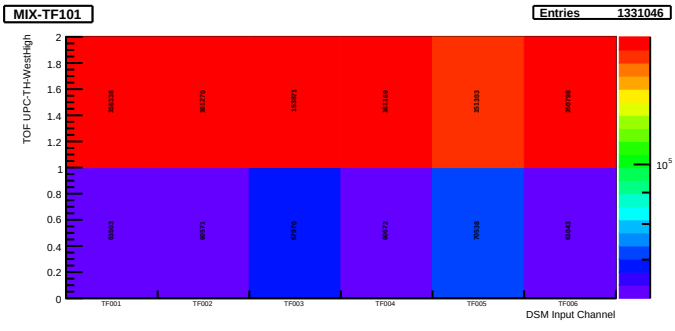

MIX-TF006
Entries 4658661
TOF MULT
TOF tray

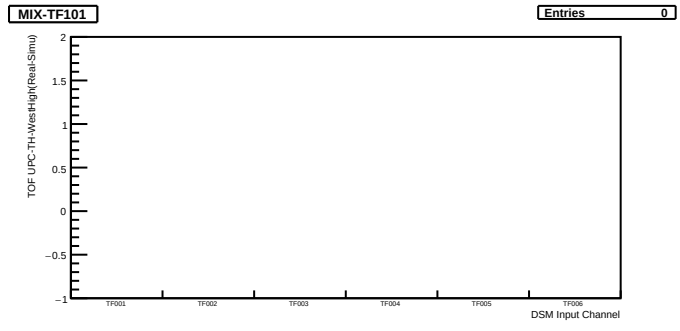

MIX-TF101
Entries 1331046
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

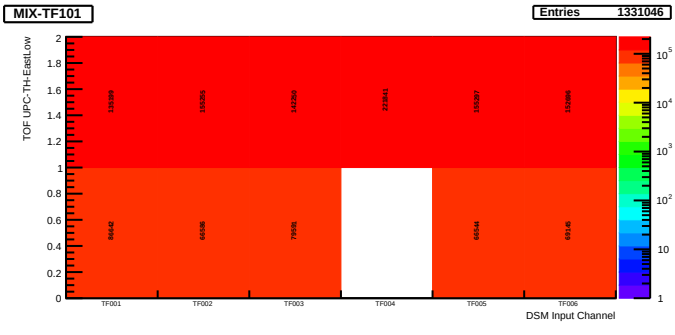

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

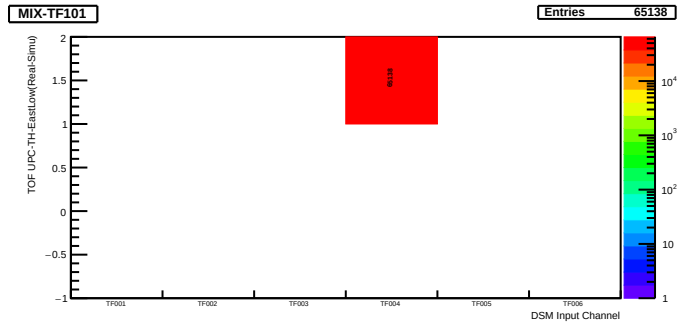

MIX-TF101
Entries 1331046
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

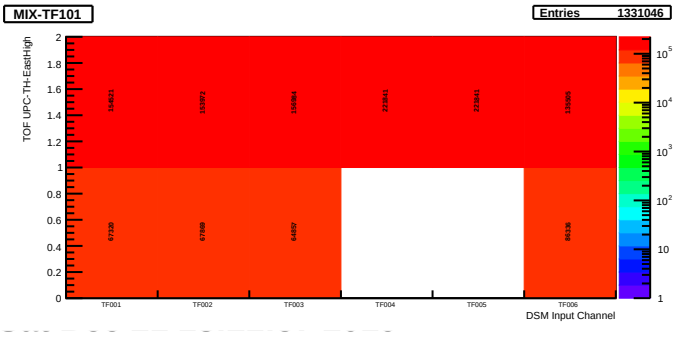

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

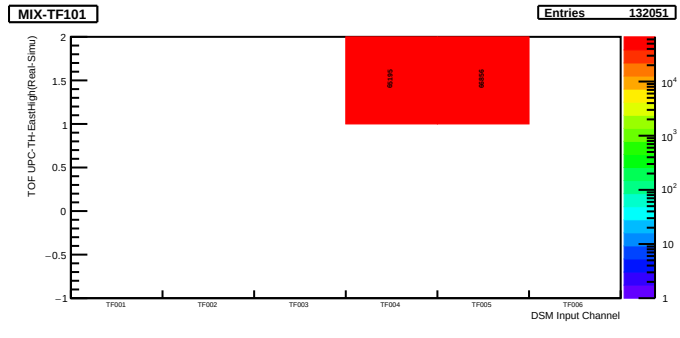

MIX-TF101
Entries 1331046
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

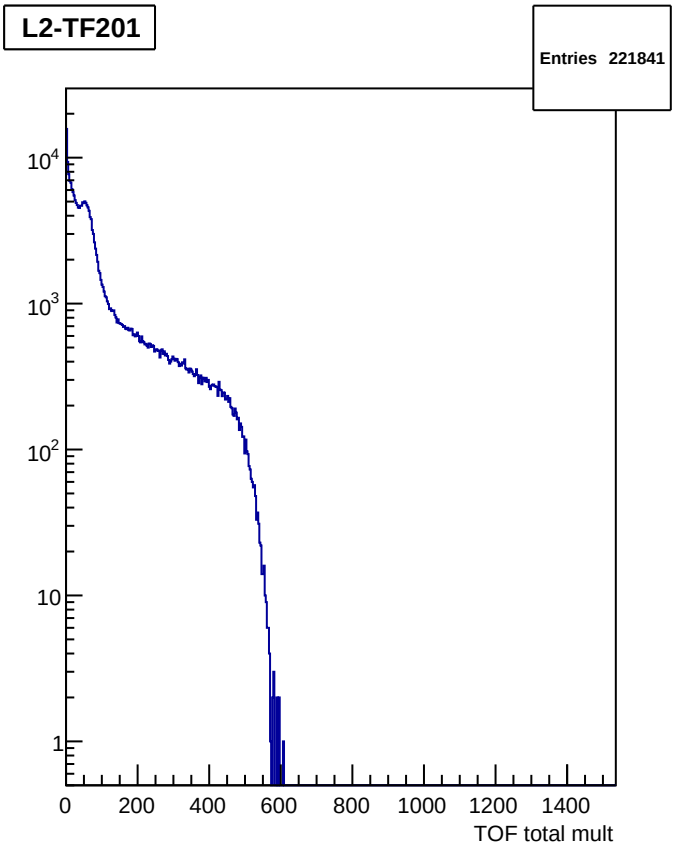

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

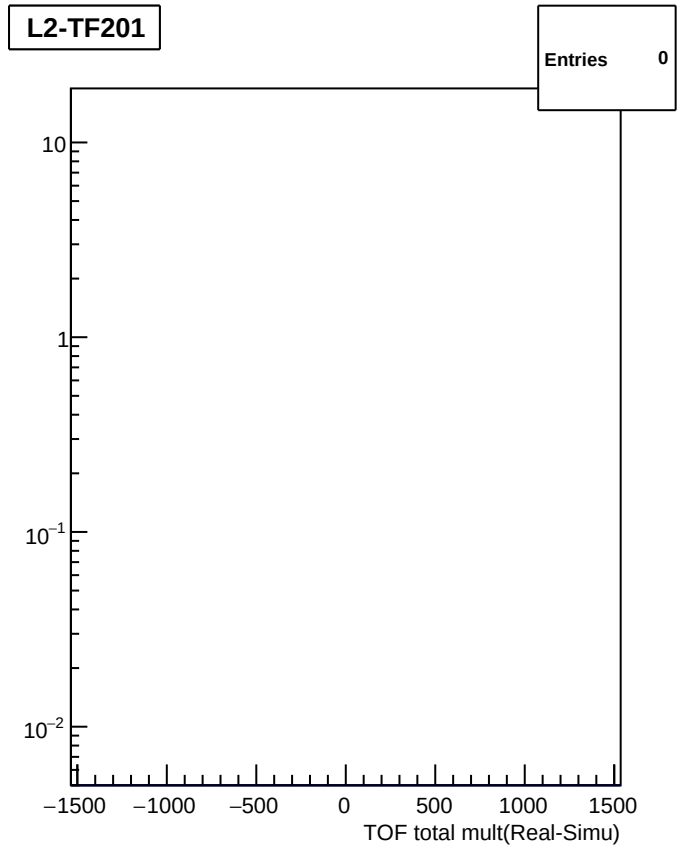

MIX-TF101
Entries 1331046
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

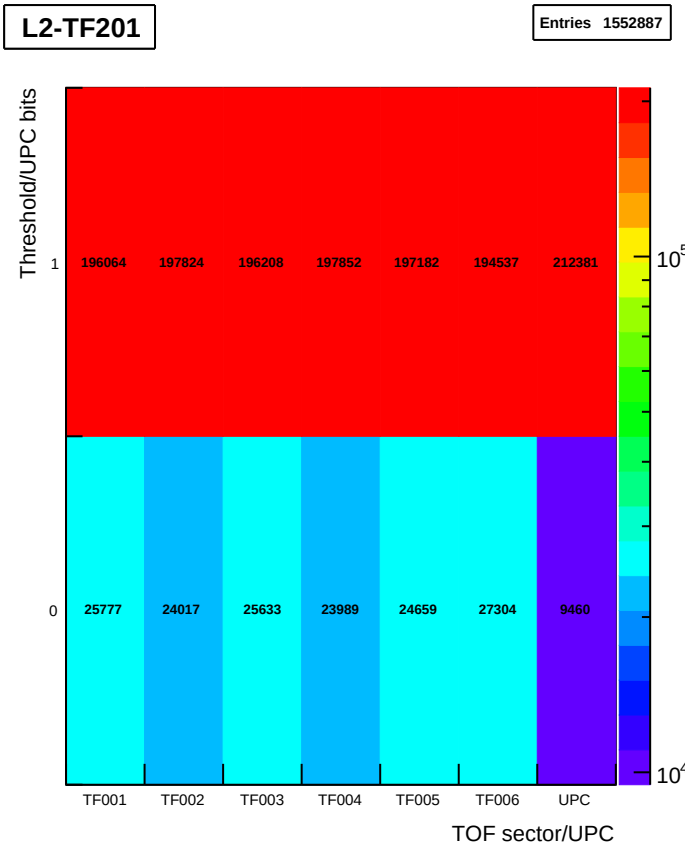

MIX-TF101
Entries 65138
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

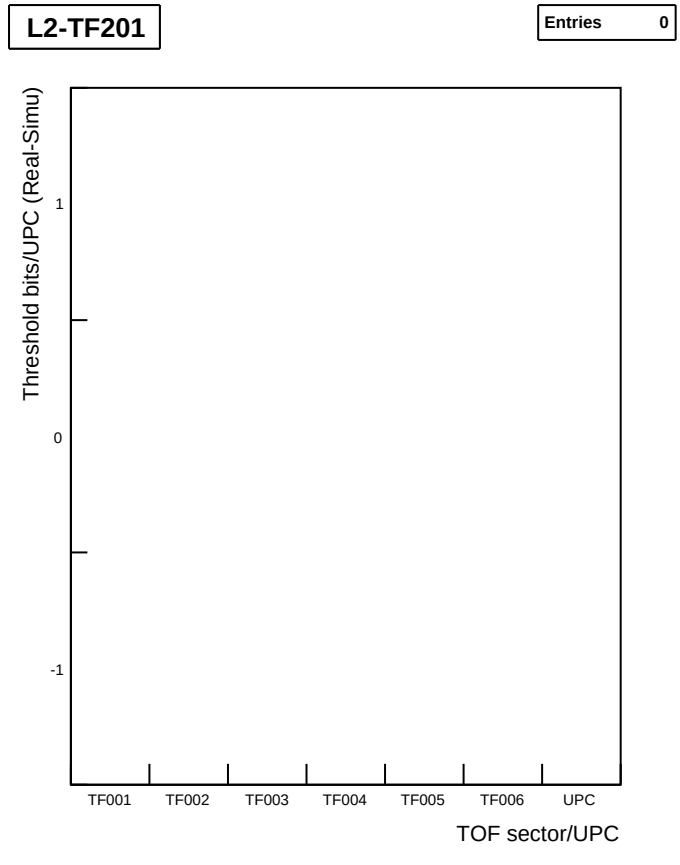

MIX-TF101
Entries 1331046
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

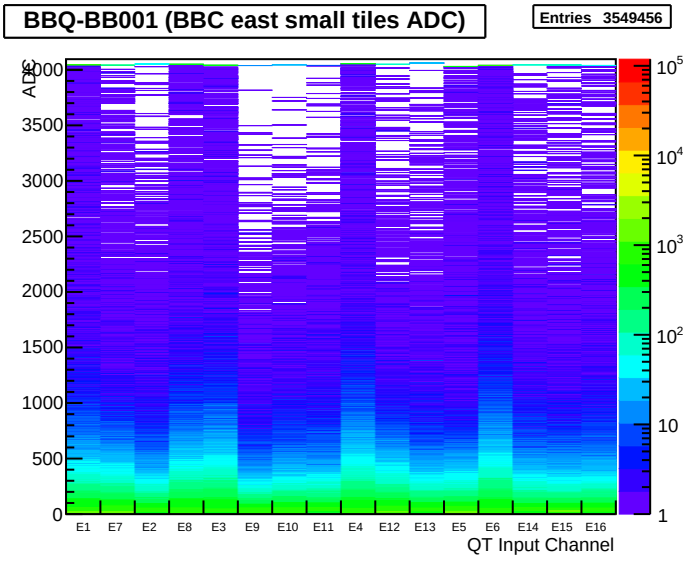

MIX-TF101
Entries 132051
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

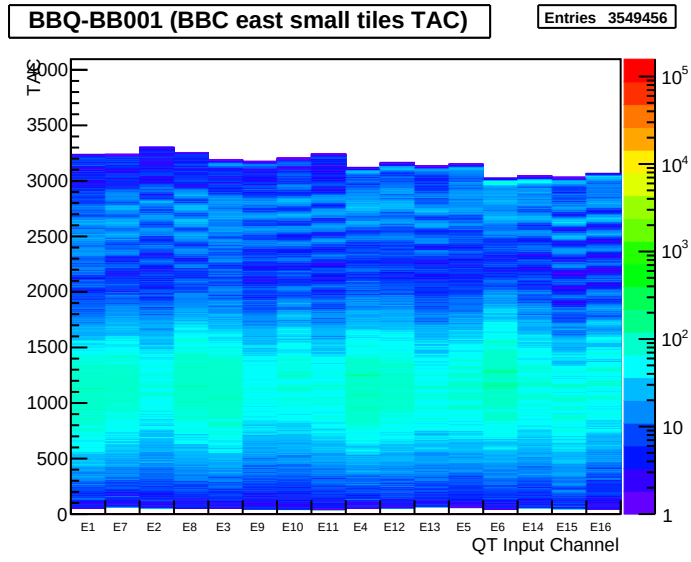

L2-TF201
Entries 221841
TOF total mult

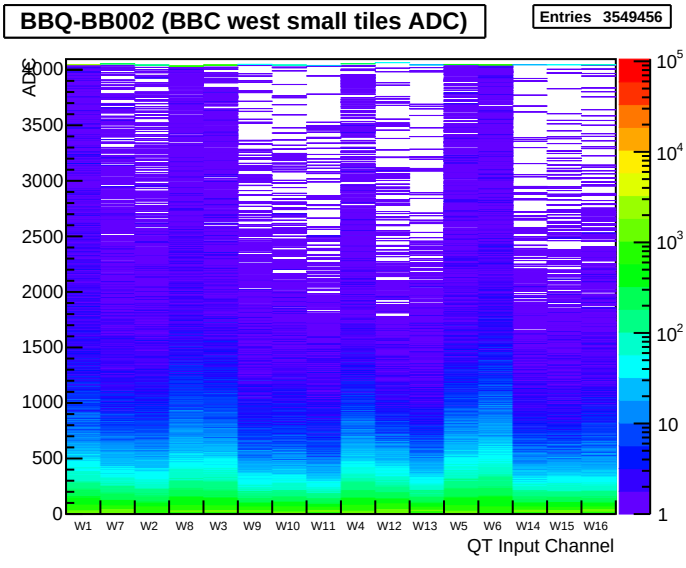

L2-TF201
Entries 0
TOF total mult(Real-Simu)

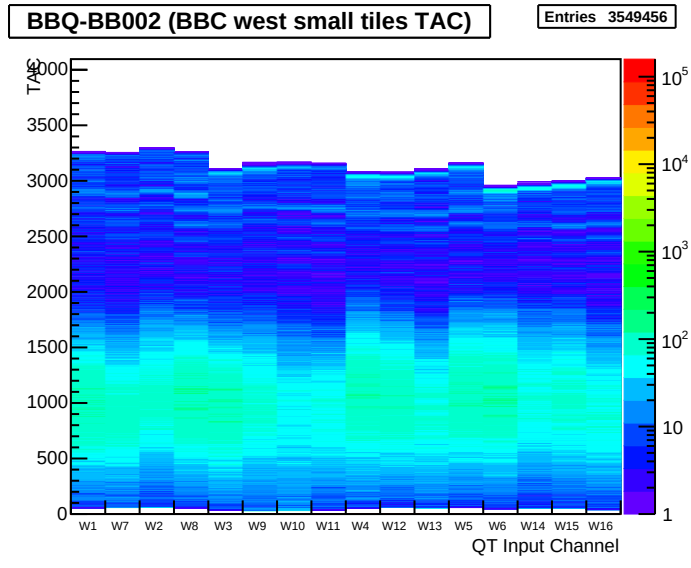

L2-TF201
Entries 1552887
Threshold/UPC bits
196064 197824 196208 197852 197182 194537 212381
25777 24017 25633 23989 24659 27304 9460
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

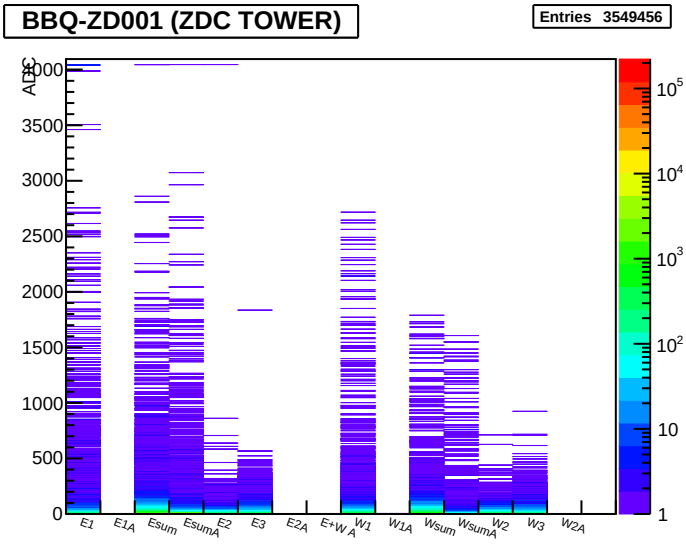

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

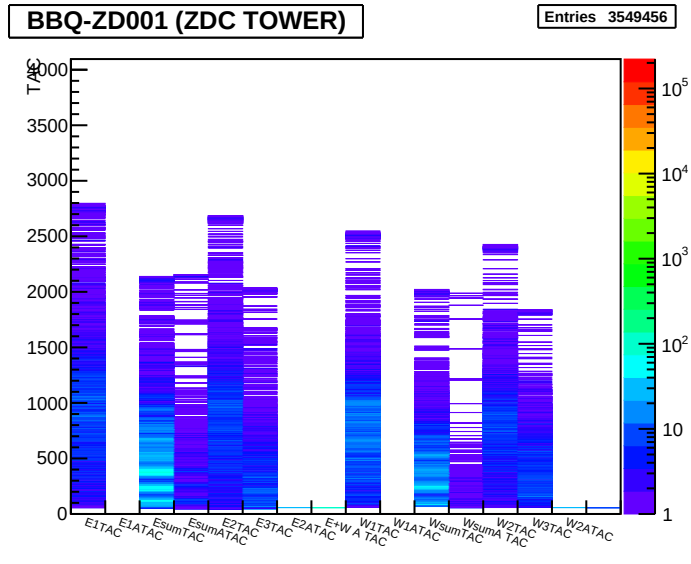

BBQ-BB001 (BBC east small tiles ADC)
Entries 3549456
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

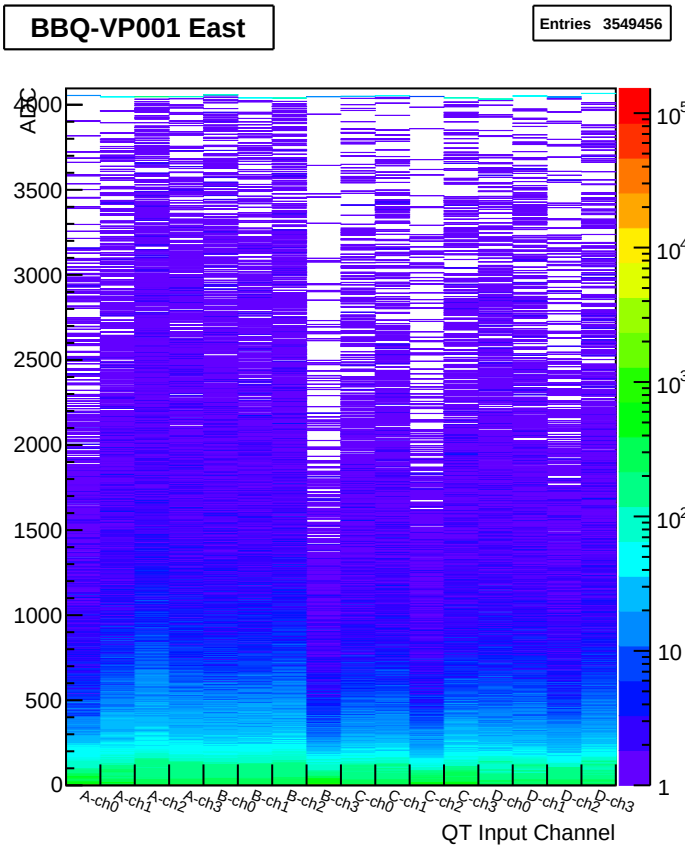

BBQ-BB001 (BBC east small tiles TAC)
Entries 3549456
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

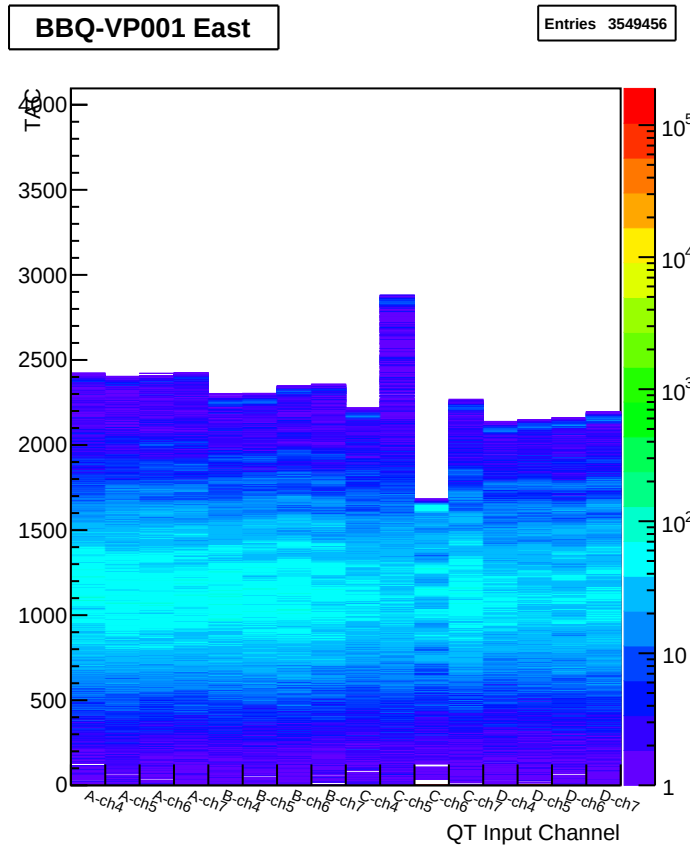

BBQ-BB002 (BBC west small tiles ADC)
Entries 3549456
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

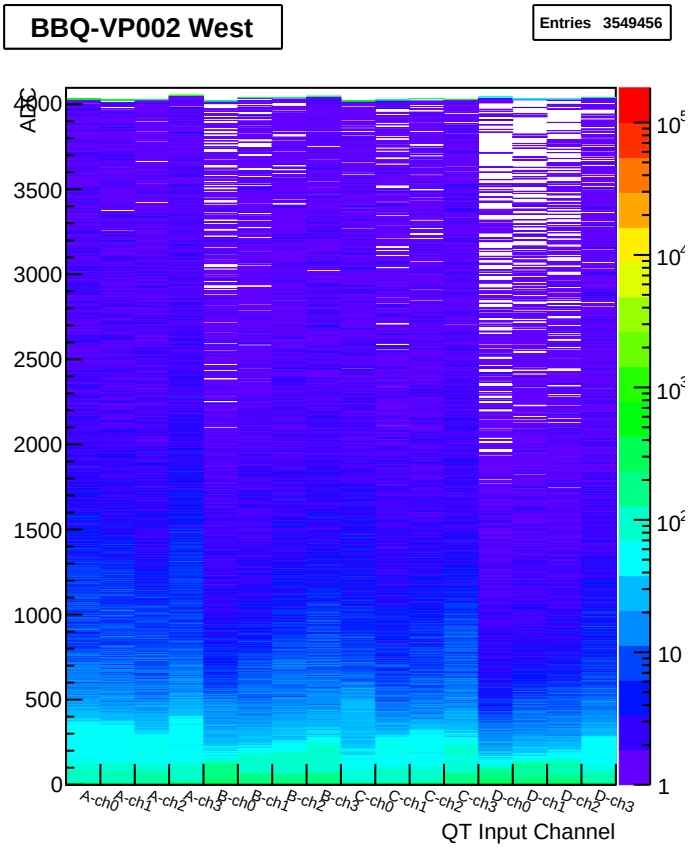

BBQ-BB002 (BBC west small tiles TAC)
Entries 3549456
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

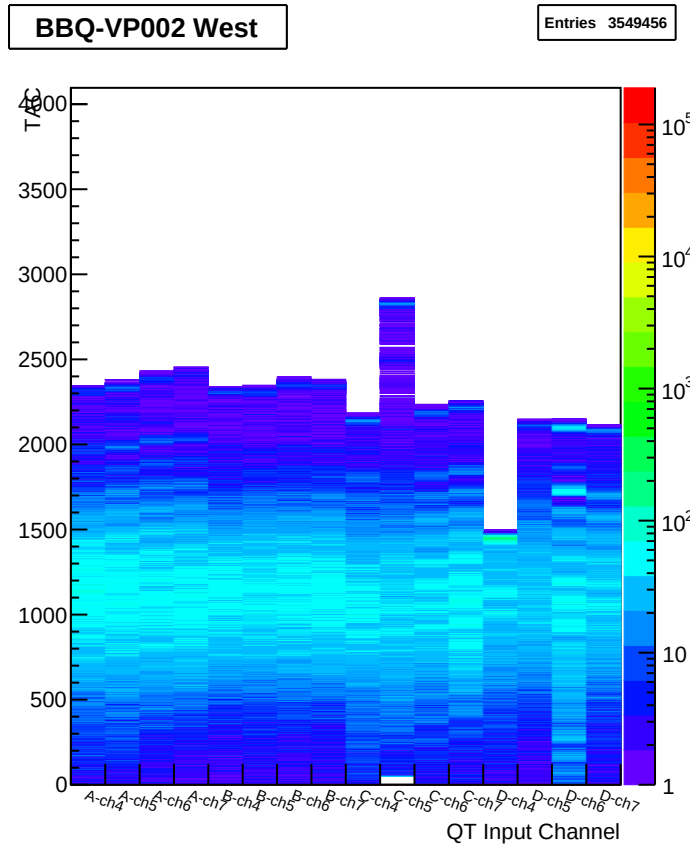

BBQ-ZD001 (ZDC TOWER)
Entries 3549456
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

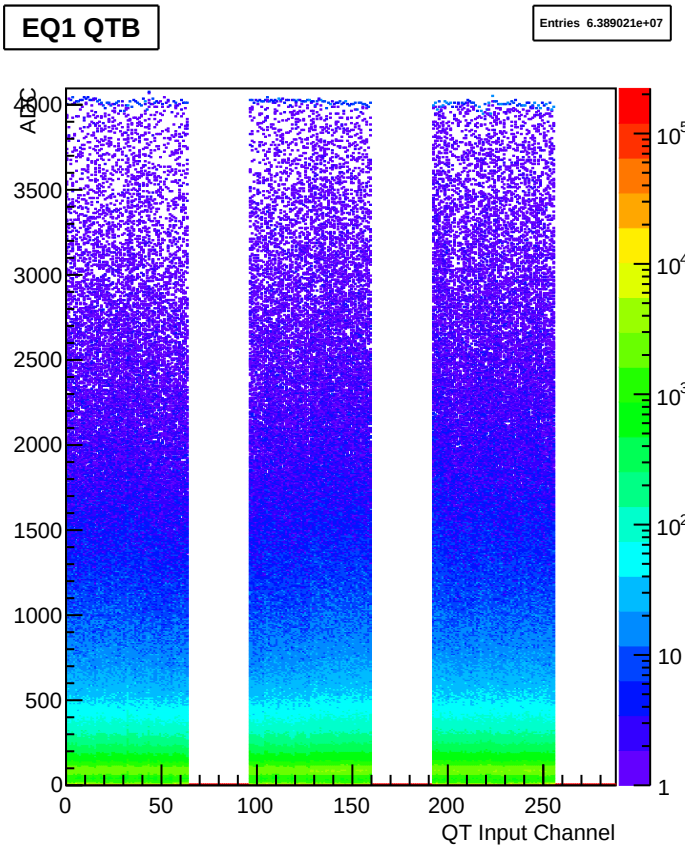

BBQ-ZD001 (ZDC TOWER)
Entries 3549456
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

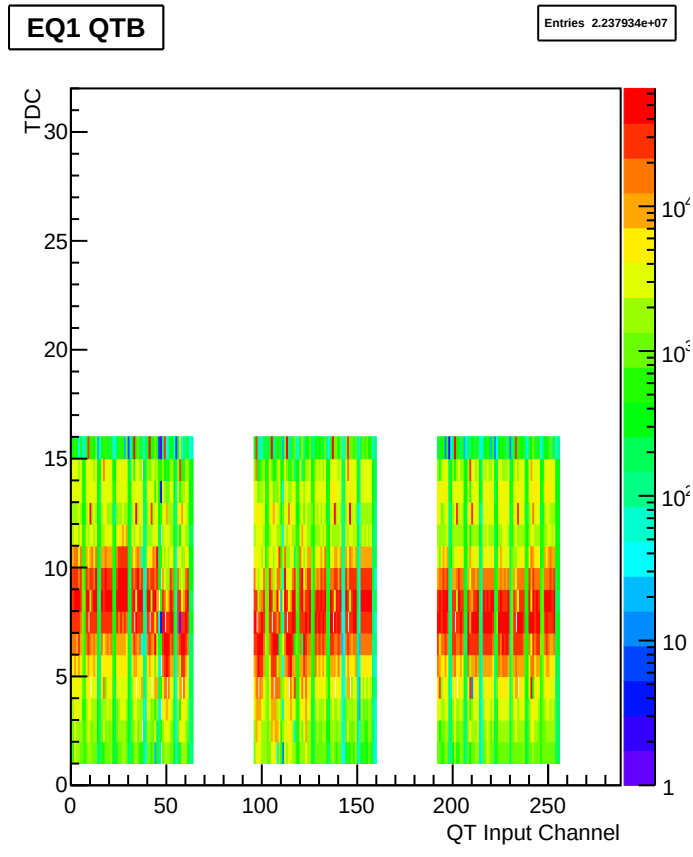

BBQ-VP001 East
Entries 3549456
ADC
QT Input Channel

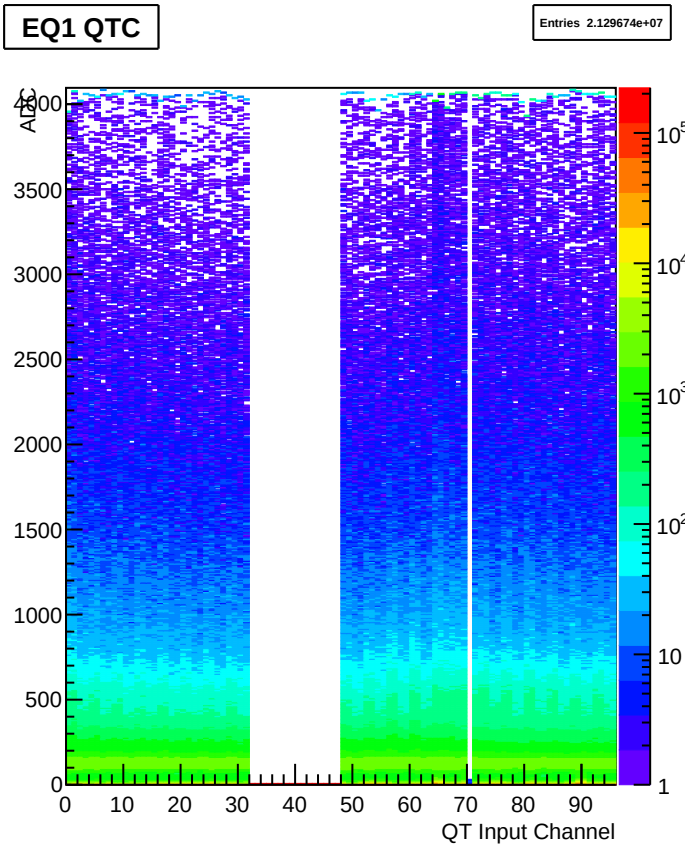

BBQ-VP001 East
Entries 3549456
TADC
QT Input Channel

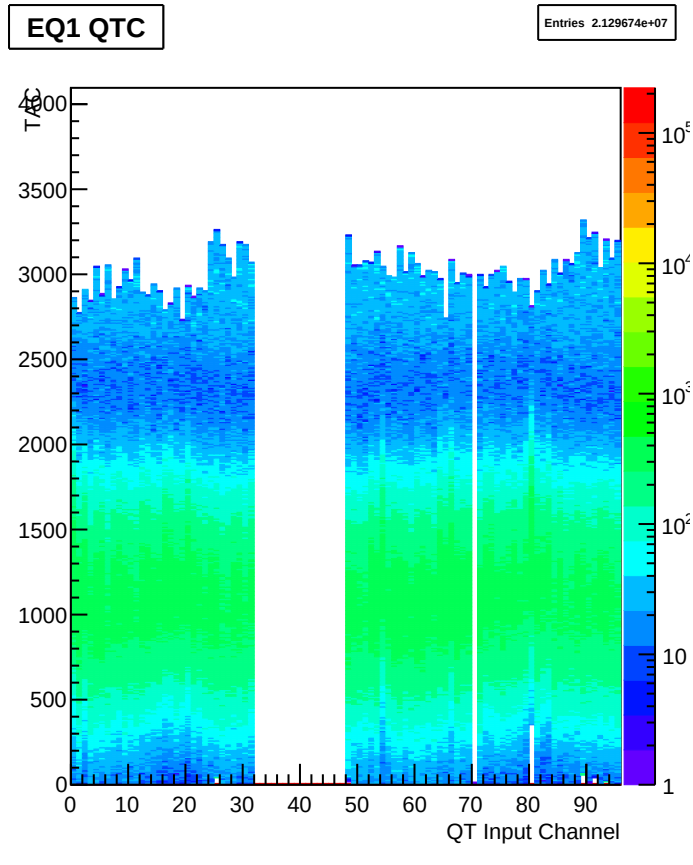

BBQ-VP002 West
Entries 3549456
ADC
QT Input Channel

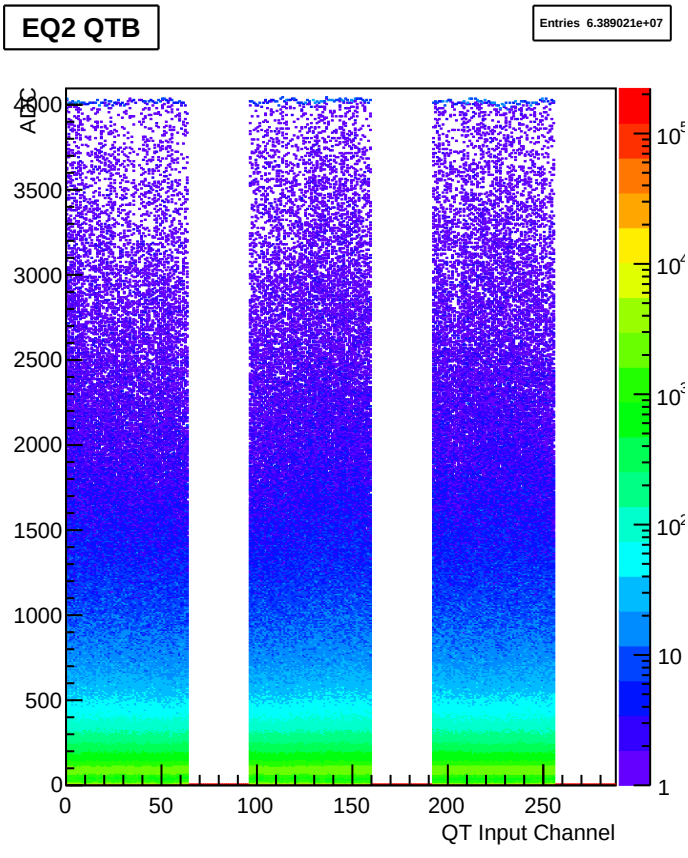

BBQ-VP002 West
Entries 3549456
TADC
QT Input Channel

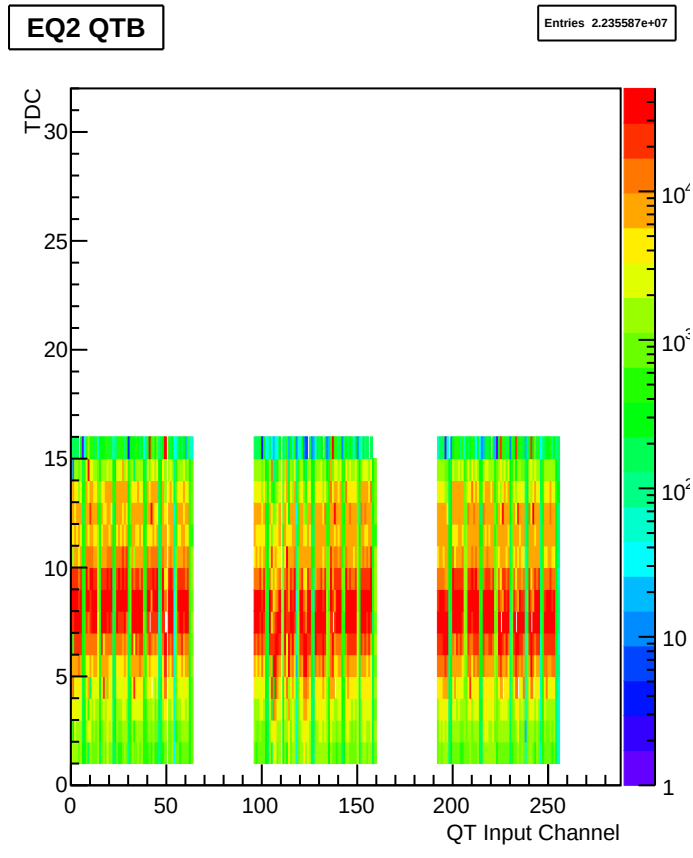

EQ1 QTB
Entries 6.389021e+07
ADC
QT Input Channel

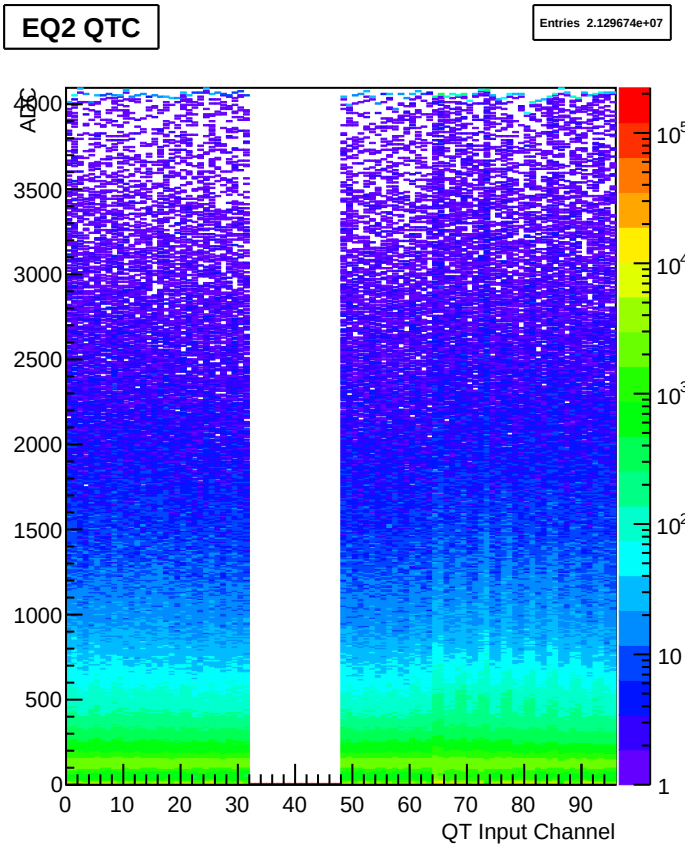

EQ1 QTB
Entries 2.237934e+07
TDC
QT Input Channel

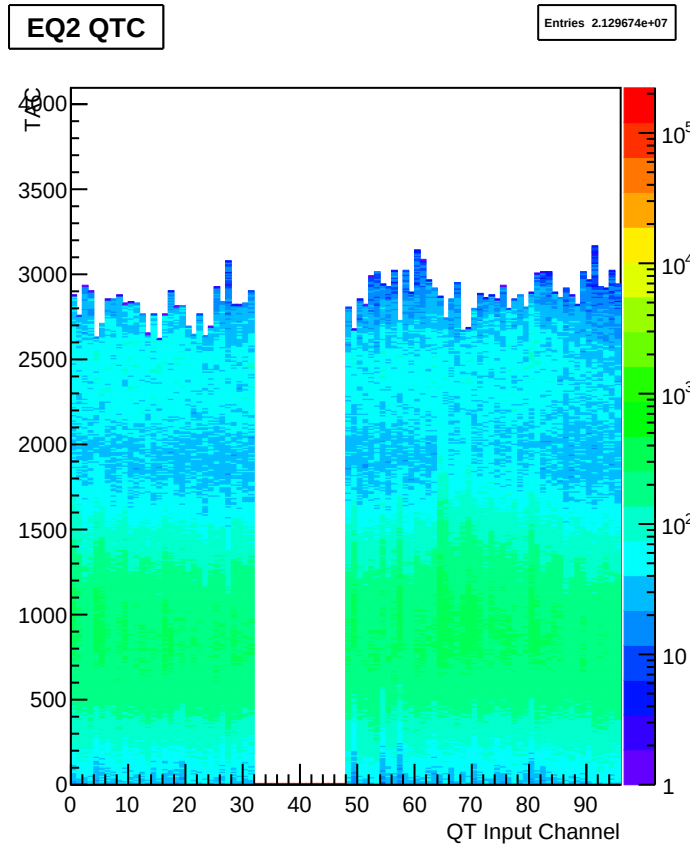

EQ1 QTC
Entries 2.129674e+07
ADC
QT Input Channel

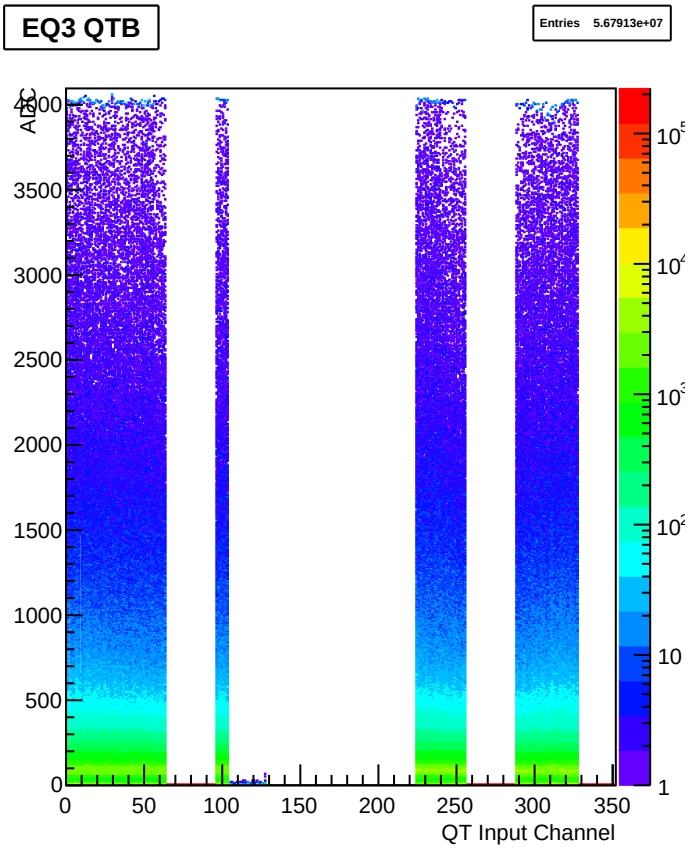

EQ1 QTC
Entries 2.129674e+07
TADC
QT Input Channel

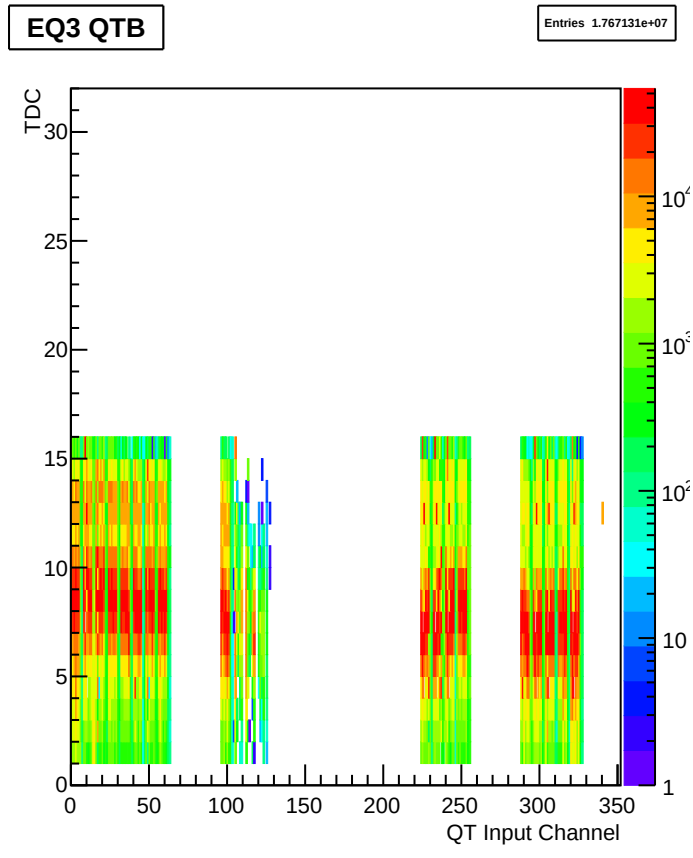

EQ2 QTB
Entries 6.389021e+07
ADC
QT Input Channel

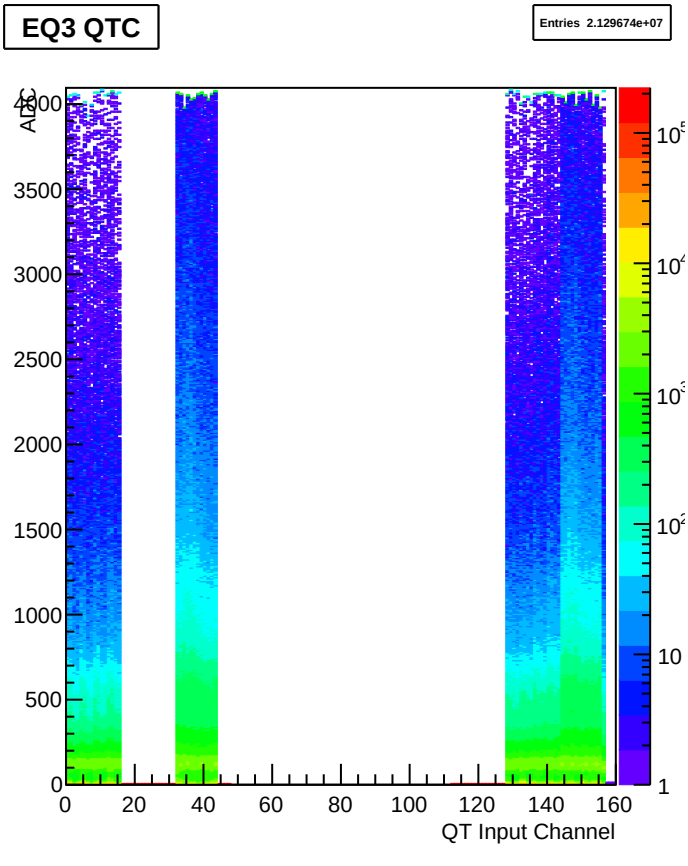

EQ2 QTB
Entries 2.235587e+07
TDC
QT Input Channel

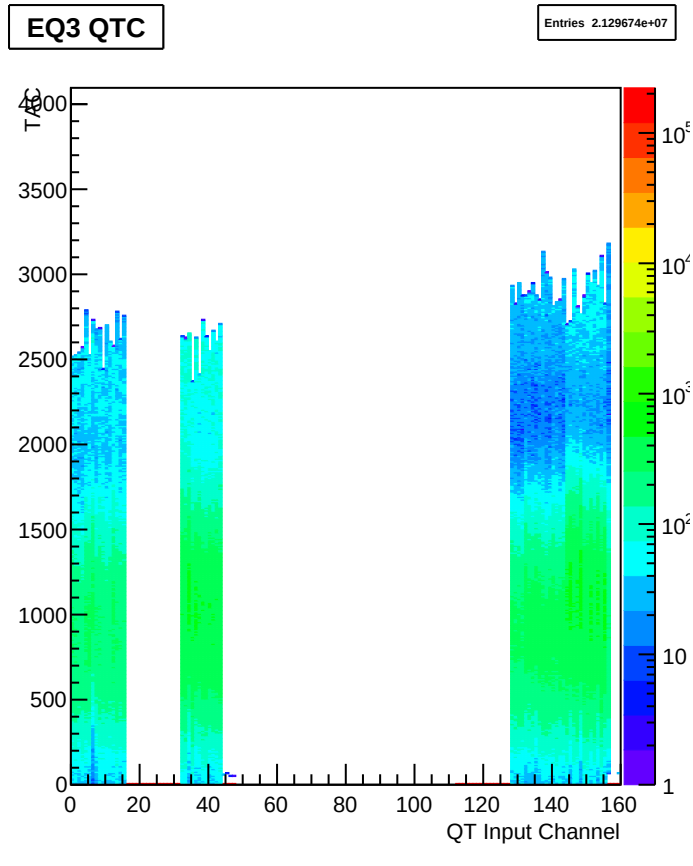

EQ2 QTC
Entries 2.129674e+07
ADC
QT Input Channel

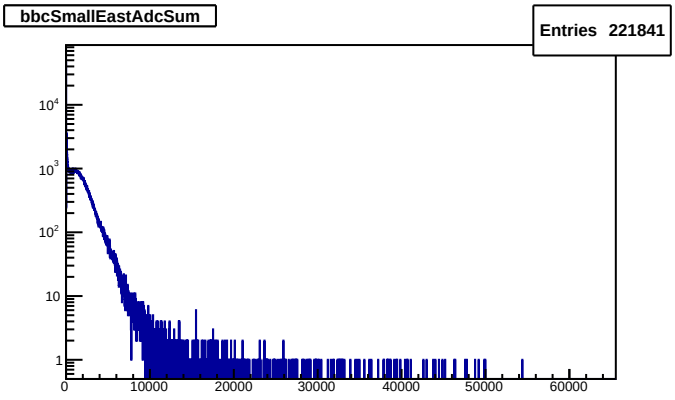

EQ2 QTC
Entries 2.129674e+07
TADC
QT Input Channel

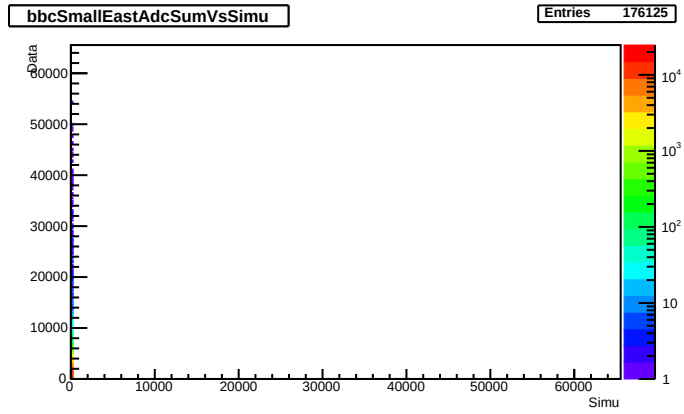

EQ3 QTB
Entries 5.67913e+07
ADC
QT Input Channel

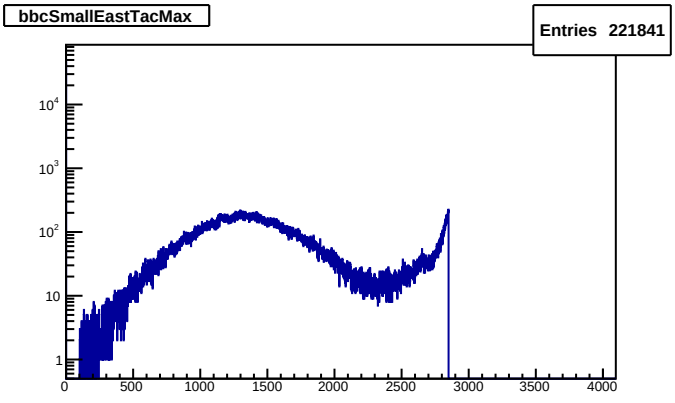

EQ3 QTB
Entries 1.767131e+07
TDC
QT Input Channel

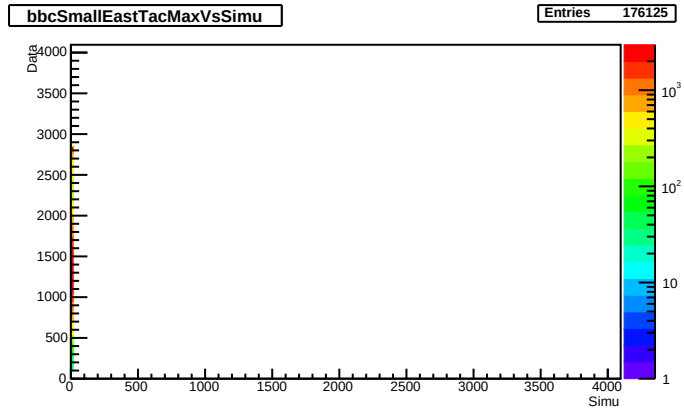

EQ3 QTC
Entries 2.129674e+07
ADC
QT Input Channel

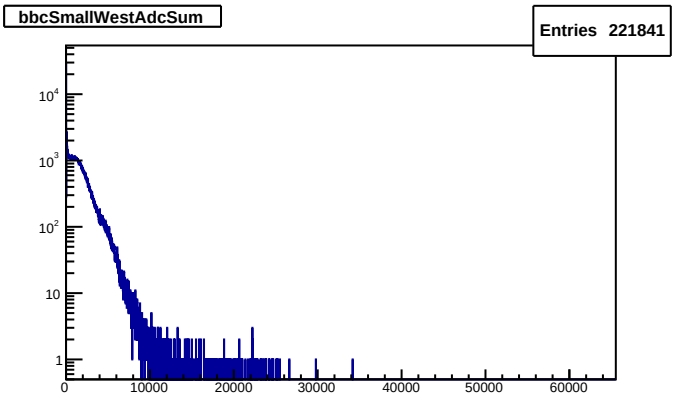

EQ3 QTC
Entries 2.129674e+07
TADC
QT Input Channel

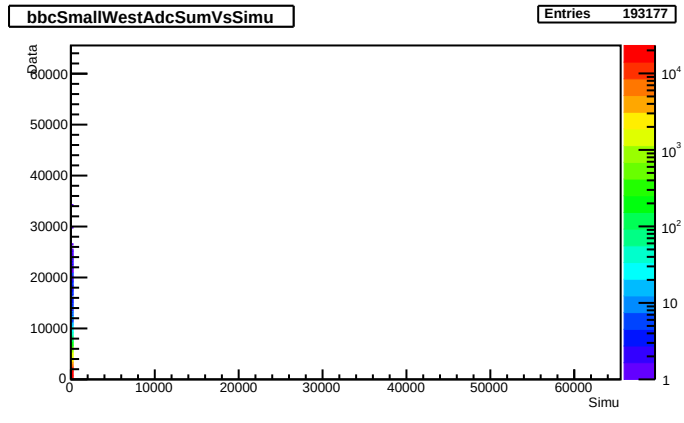

bbcSmallEastAdcSum
Entries 221841

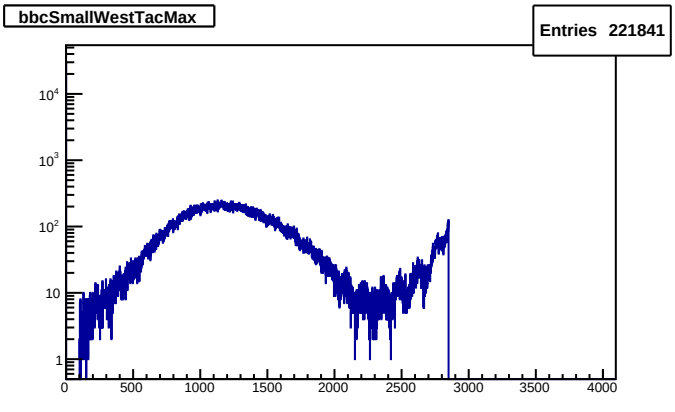

bbcSmallEastAdcSumVsSimu
Entries 176125
Data
Simu

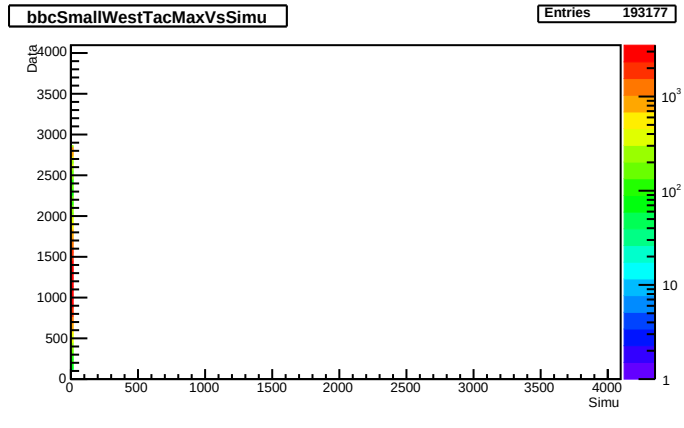

bbcSmallEastTacMax
Entries 221841

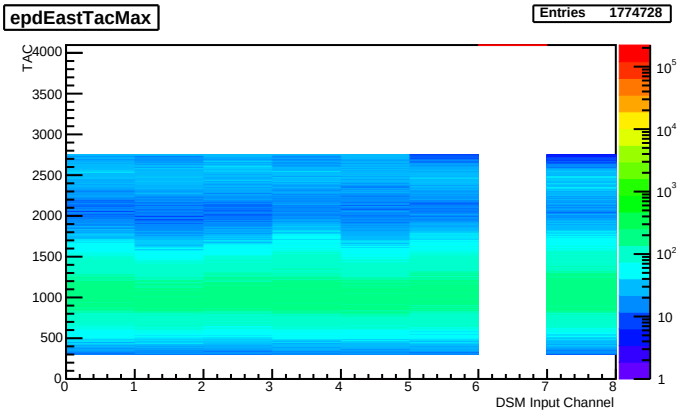

bbcSmallEastTacMaxVsSimu
Entries 176125
Data
Simu

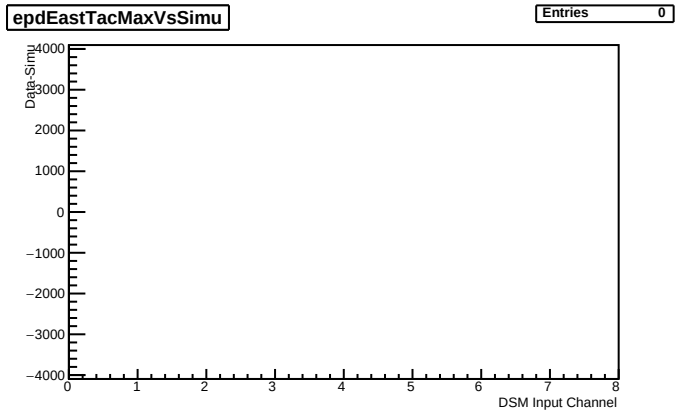

bbcSmallWestAdcSum
Entries 221841

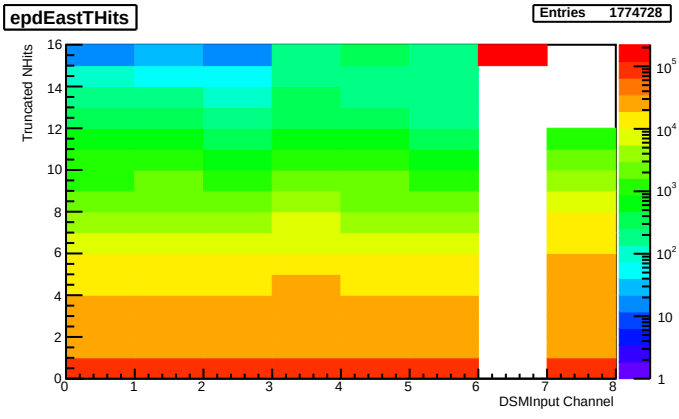

bbcSmallWestAdcSumVsSimu
Entries 193177
Data
Simu

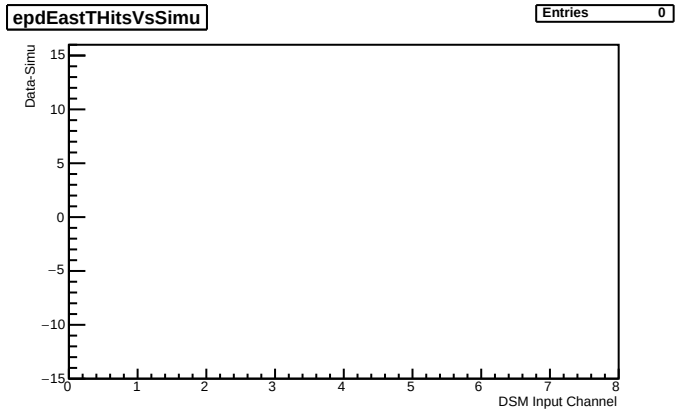

bbcSmallWestTacMax
Entries 221841

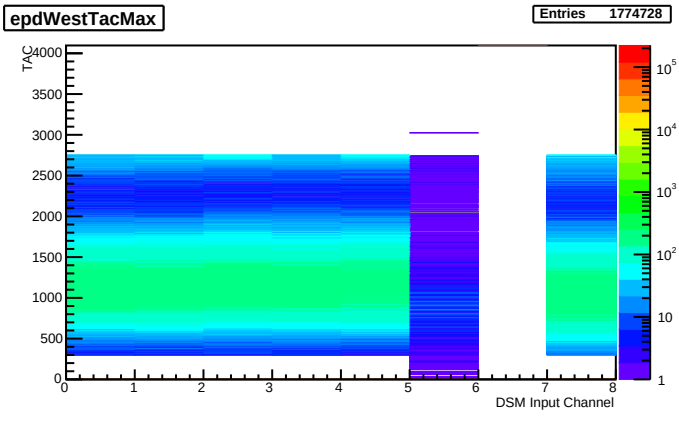

bbcSmallWestTacMaxVsSimu
Entries 193177
Data
Simu

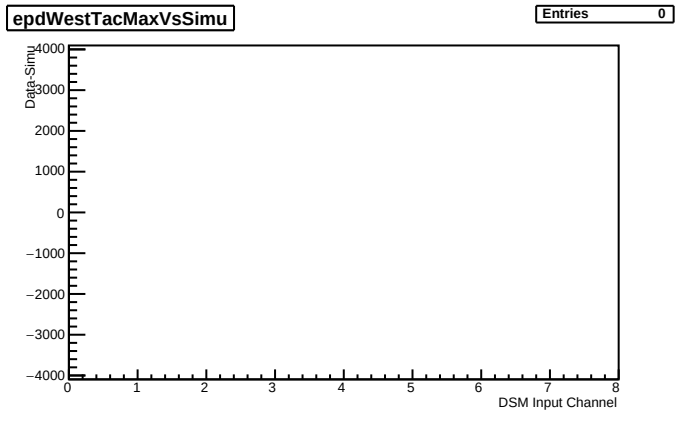

epdEastTacMax
Entries 1774728
TAC
DSM Input Channel

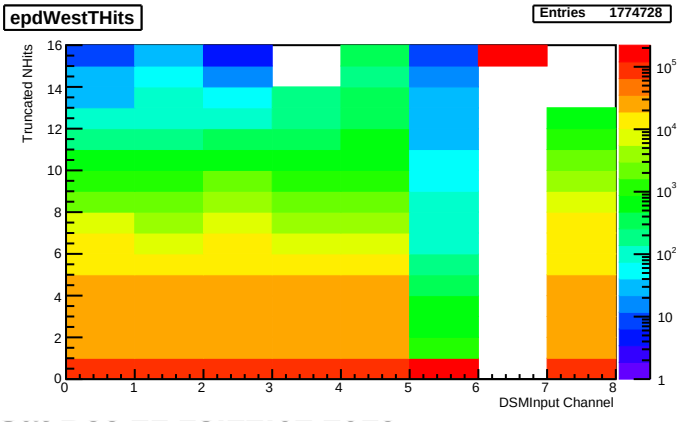

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

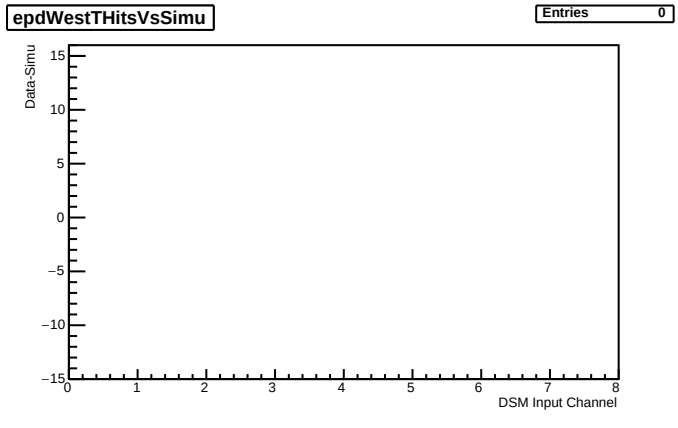

epdEastTHits
Entries 1774728
Truncated NHits
DSMInput Channel

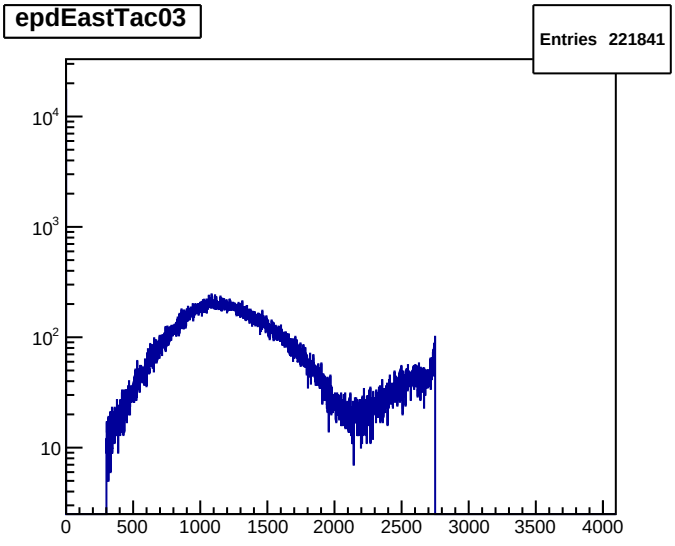

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

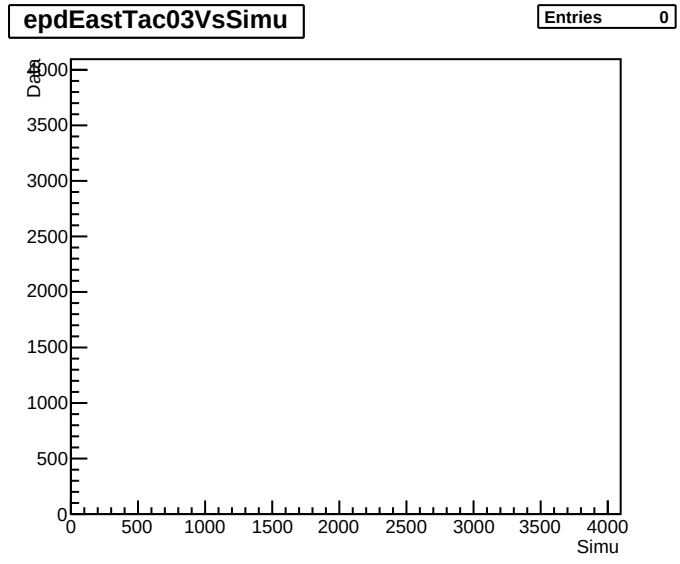

epdWestTacMax
Entries 1774728
TAC
DSM Input Channel

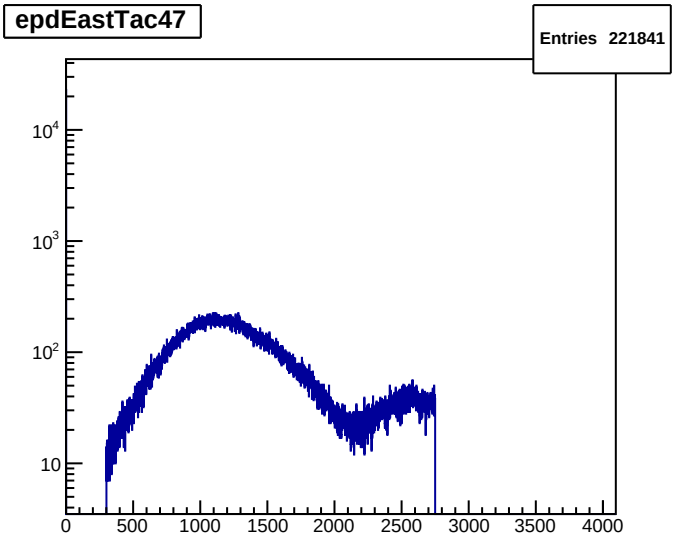

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

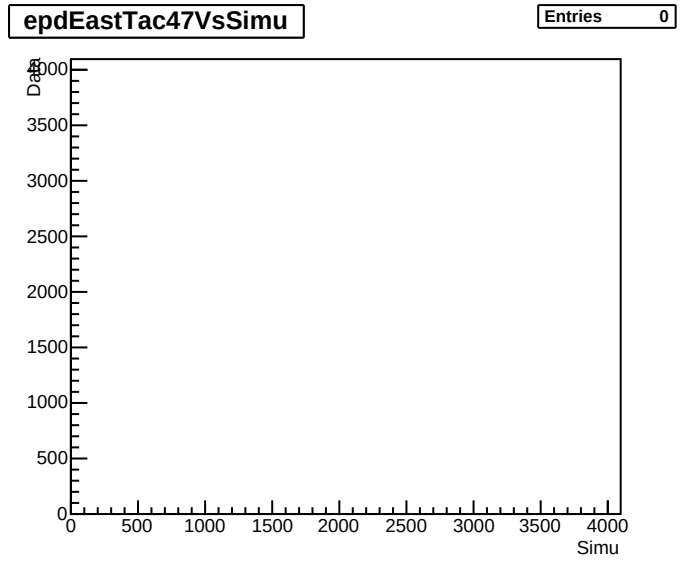

epdWestTHits
Entries 1774728
Truncated NHits
DSMInput Channel

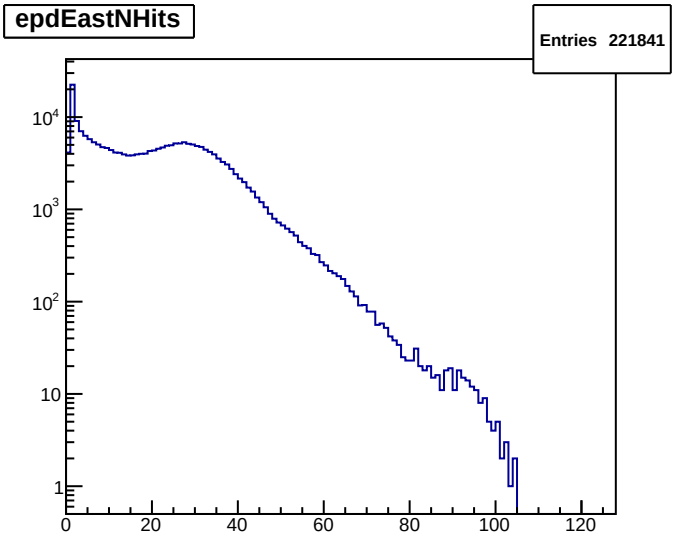

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

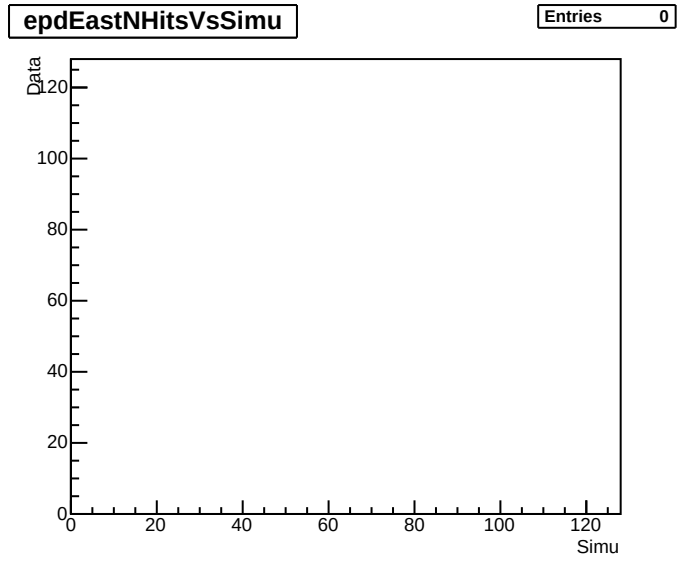

epdEastTac03
Entries 221841

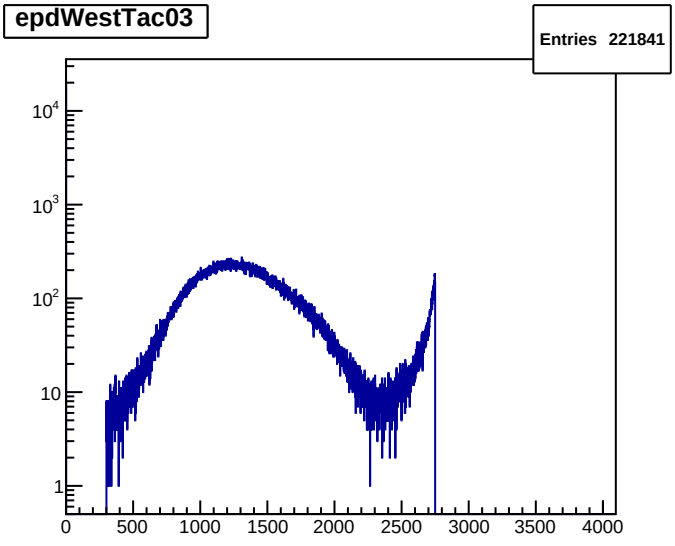

epdEastTac03VsSimu
Entries 0
Data
Simu

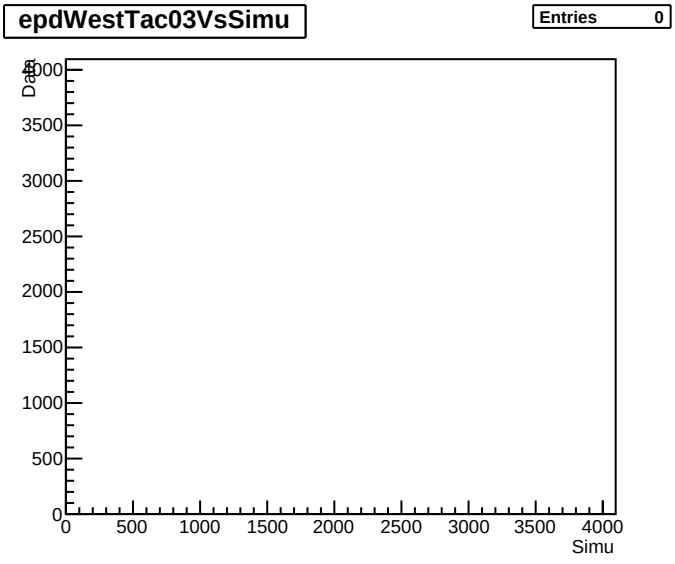

epdEastTac47
Entries 221841

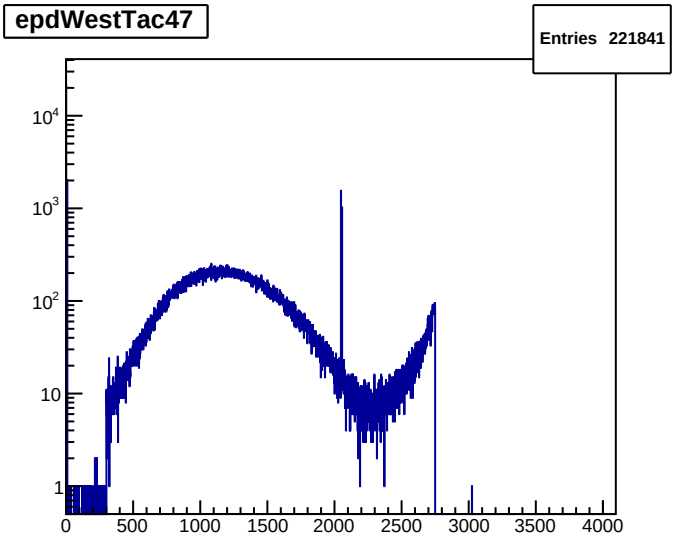

epdEastTac47VsSimu
Entries 0
Data
Simu

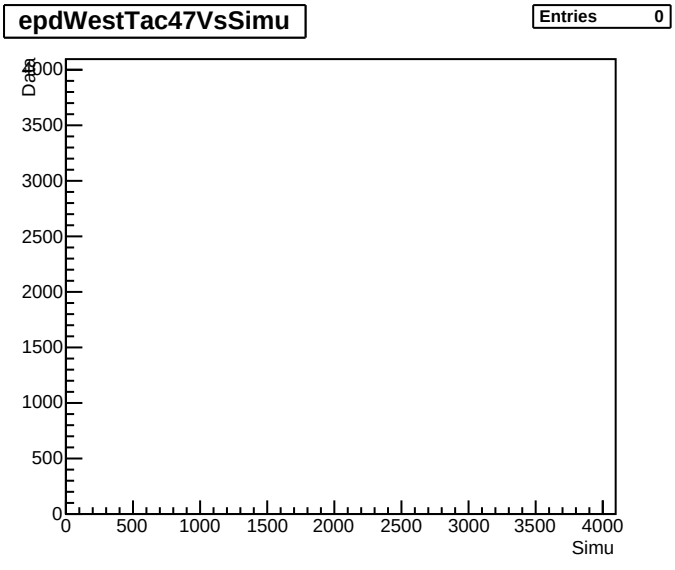

epdEastNHits
Entries 221841

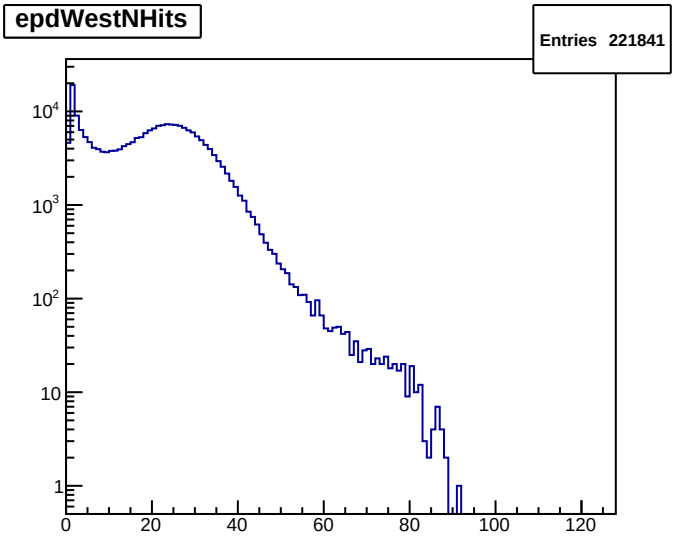

epdEastNHitsVsSimu
Entries 0
Data
Simu

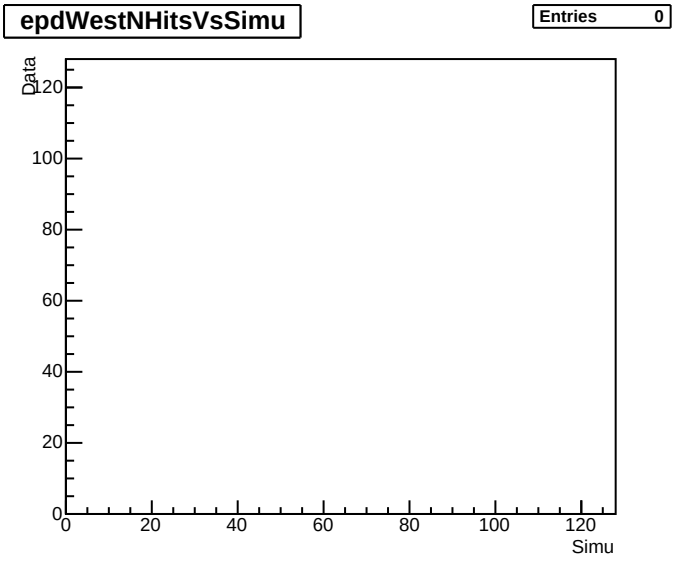

epdWestTac03
Entries 221841

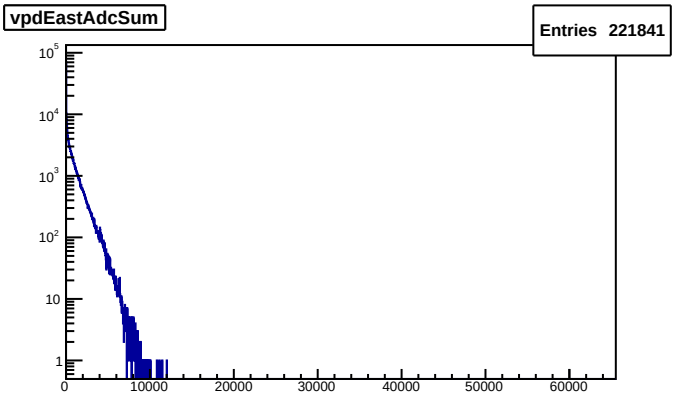

epdWestTac03VsSimu
Entries 0
Data
Simu

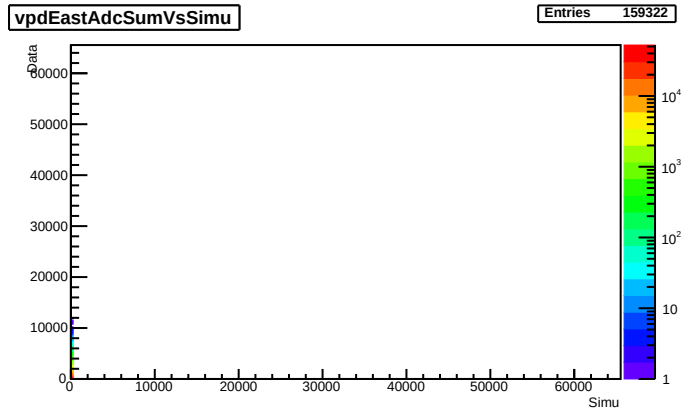

epdWestTac47
Entries 221841

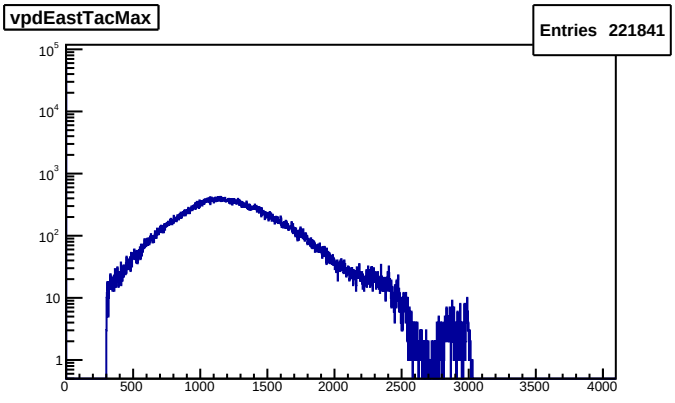

epdWestTac47VsSimu
Entries 0
Data
Simu

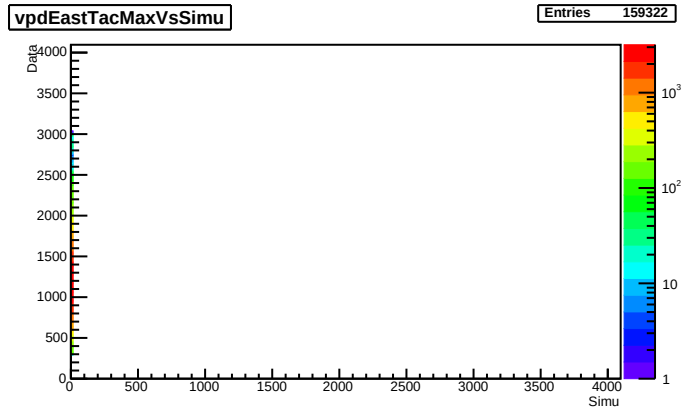

epdWestNHits
Entries 221841

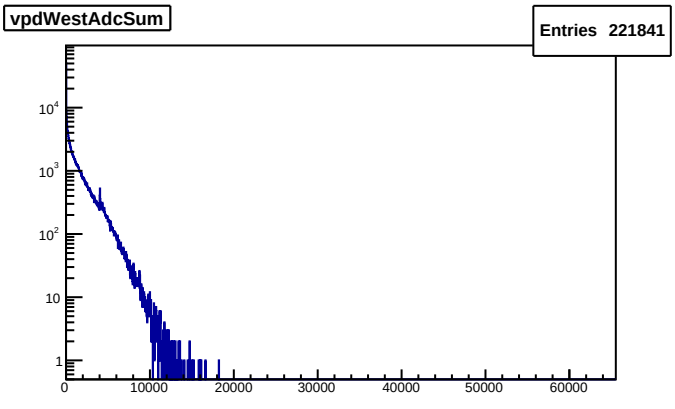

epdWestNHitsVsSimu
Entries 0
Data
Simu

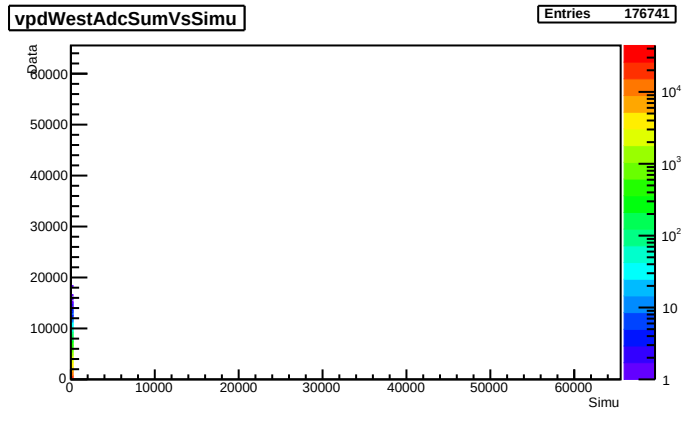

vpdEastAdcSum
Entries 221841

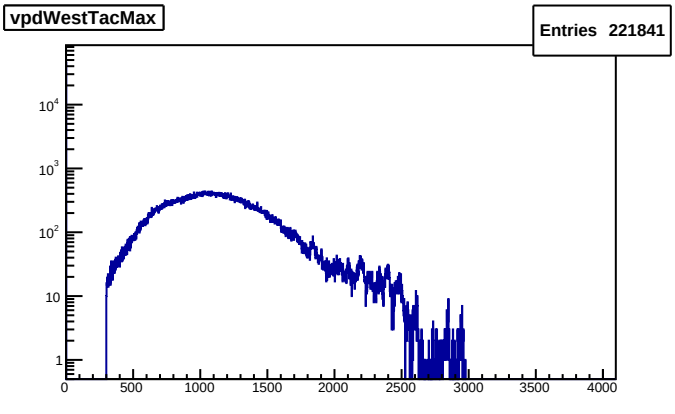

vpdEastAdcSumVsSimu
Entries 159322
Data
Simu

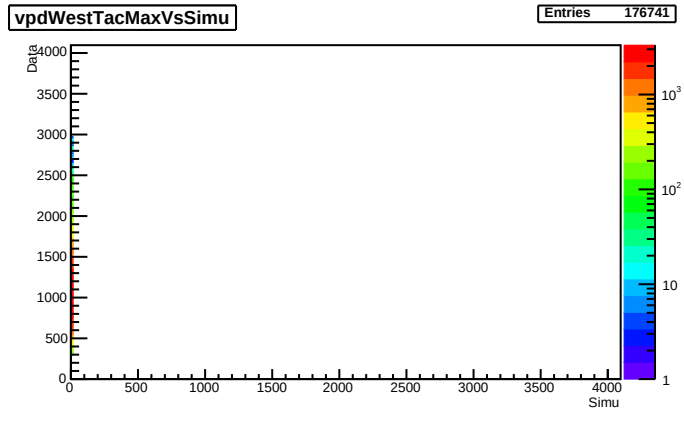

vpdEastTacMax
Entries 221841

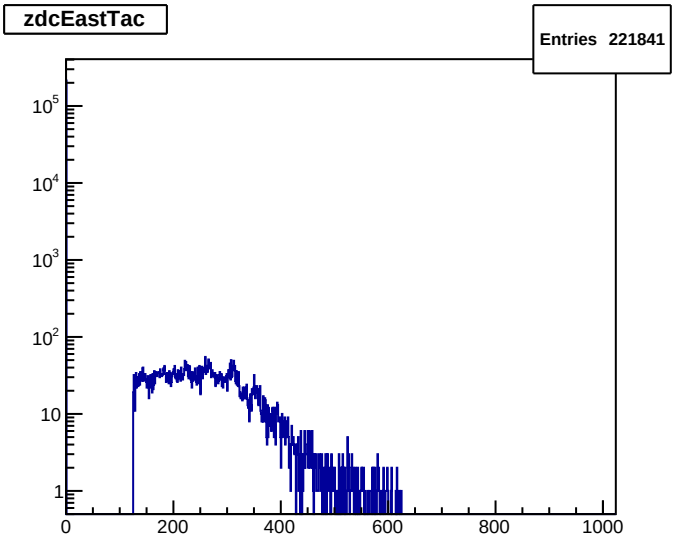

vpdEastTacMaxVsSimu
Entries 159322
Data
Simu

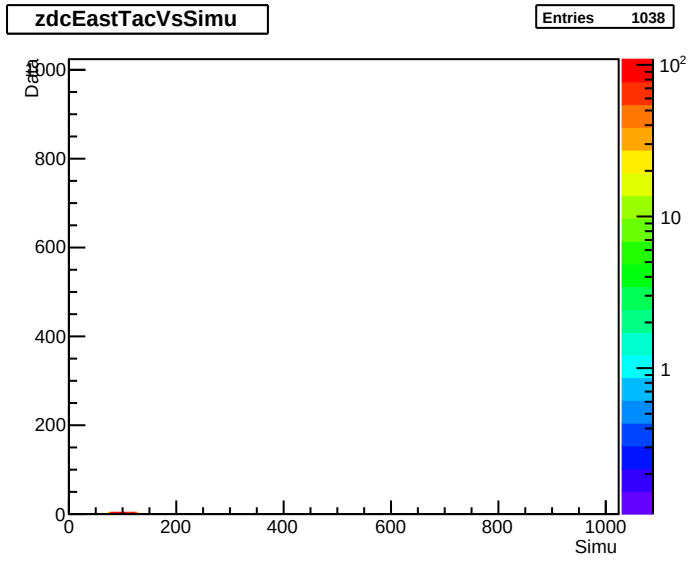

vpdWestAdcSum
Entries 221841

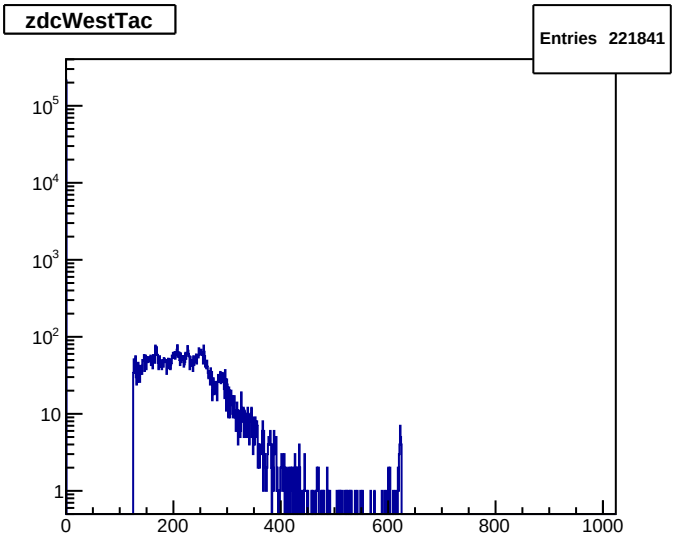

vpdWestAdcSumVsSimu
Entries 176741
Data
Simu

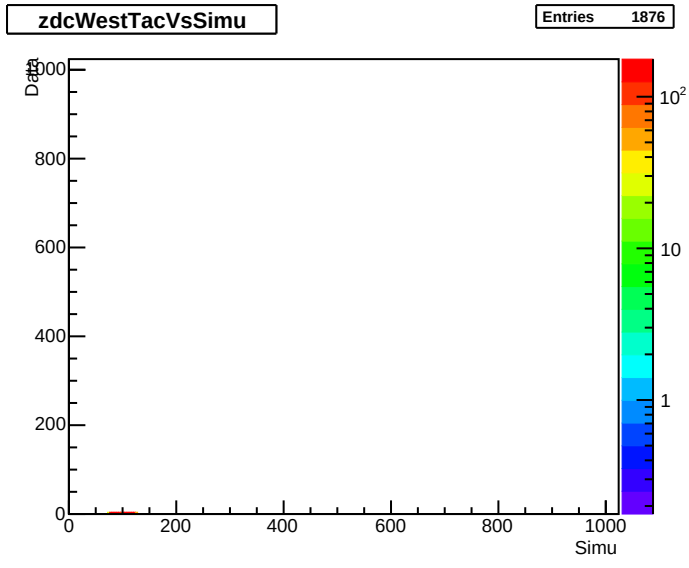

vpdWestTacMax
Entries 221841

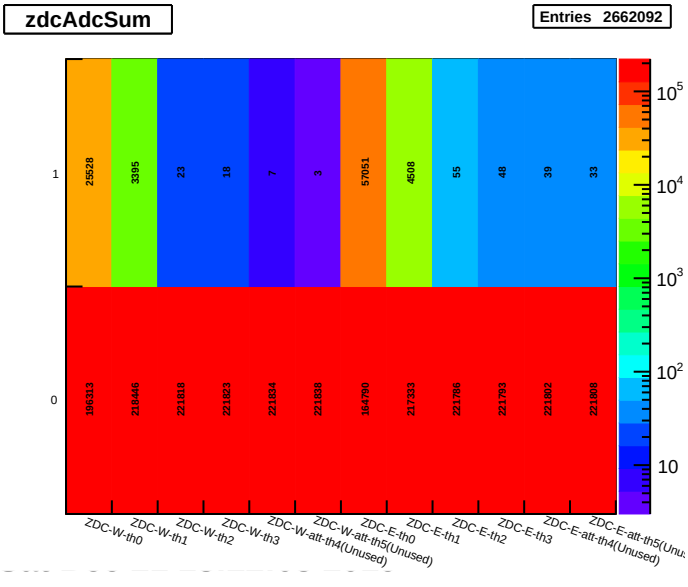

vpdWestTacMaxVsSimu
Entries 176741
Data
Simu

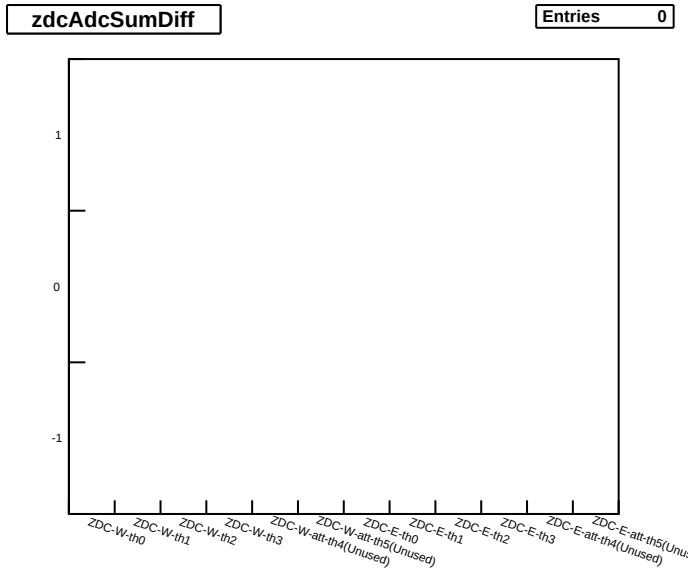

zdcEastTac
Entries 221841

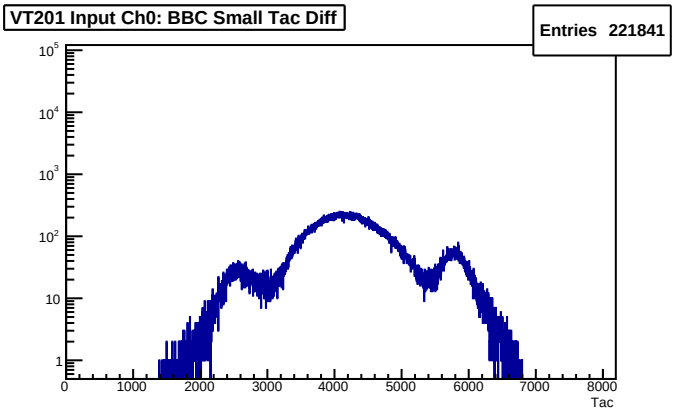

zdcEastTacVsSimu
Entries 1038
Data
Simu

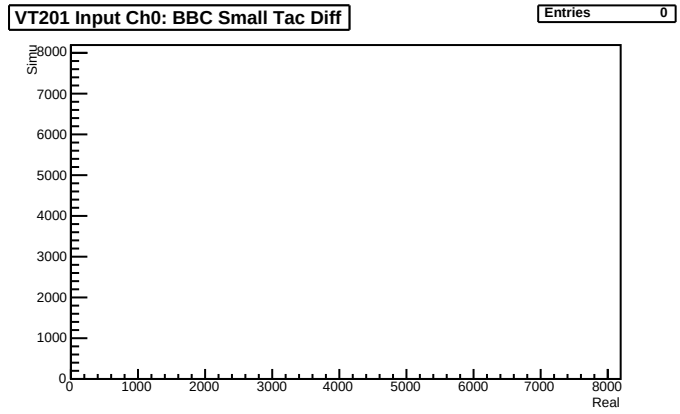

zdcWestTac
Entries 221841

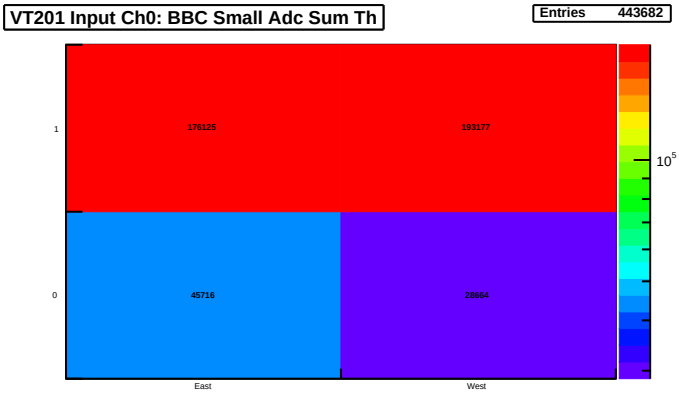

zdcWestTacVsSimu
Entries 1876
Data
Simu

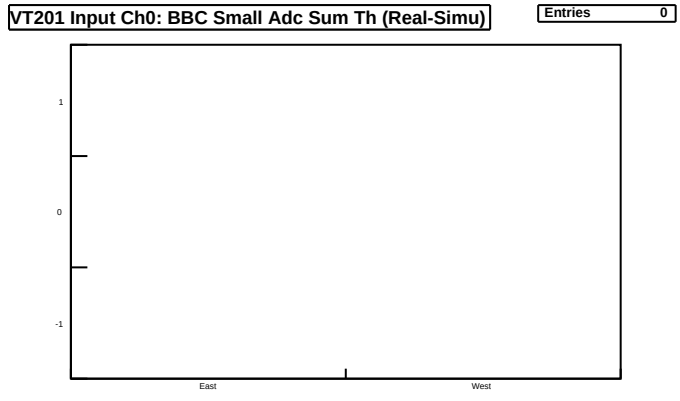

zdcAdcSum
Entries 2662092
25528
3395
23
18
7
3
57051
4508
55
48
39
33
196313
218446
221818
221823
221834
221838
164790
217333
221786
221793
221802
221808
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

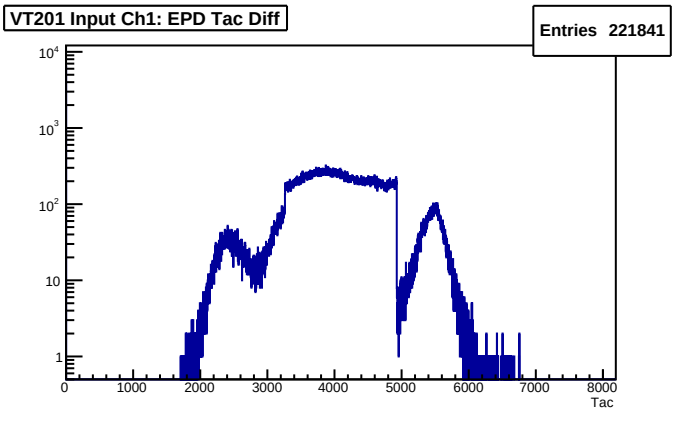

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

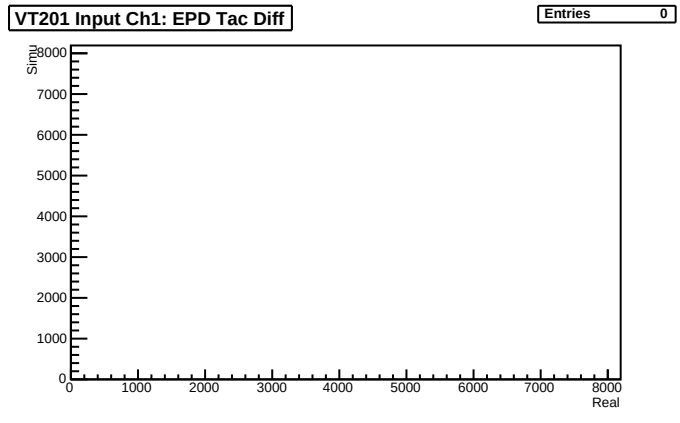

VT201 Input Ch0: BBC Small Tac Diff
Entries 221841
Tac

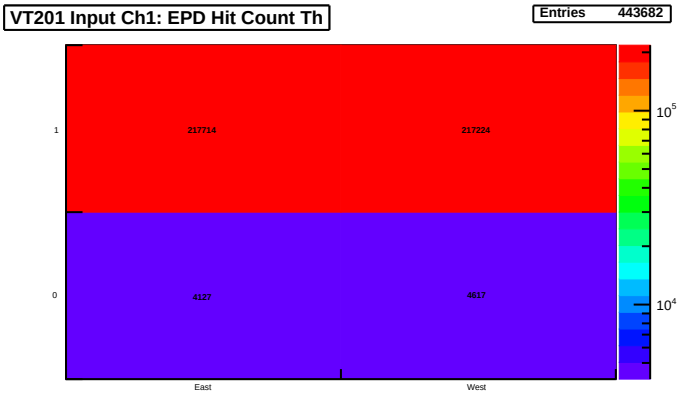

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

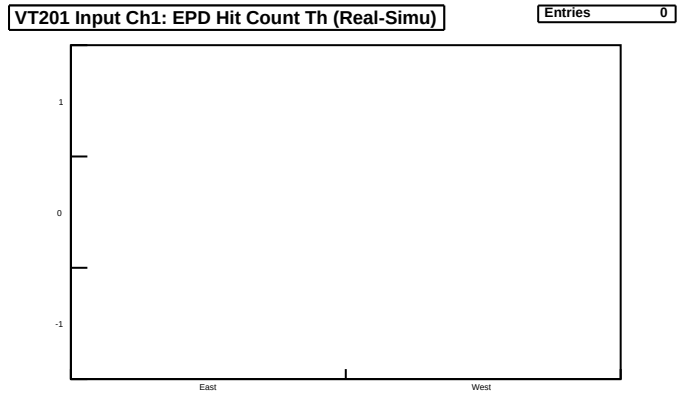

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 443682
176125
193177
45716
28664
East
West

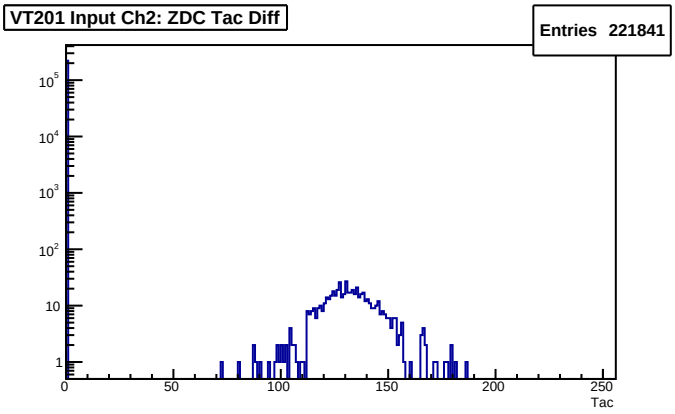

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

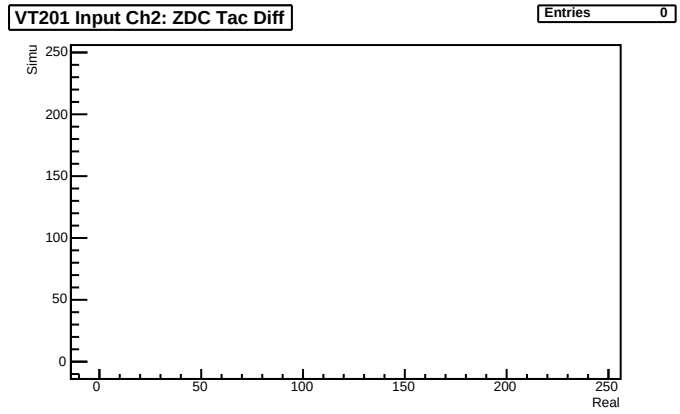

VT201 Input Ch1: EPD Tac Diff
Entries 221841
Tac

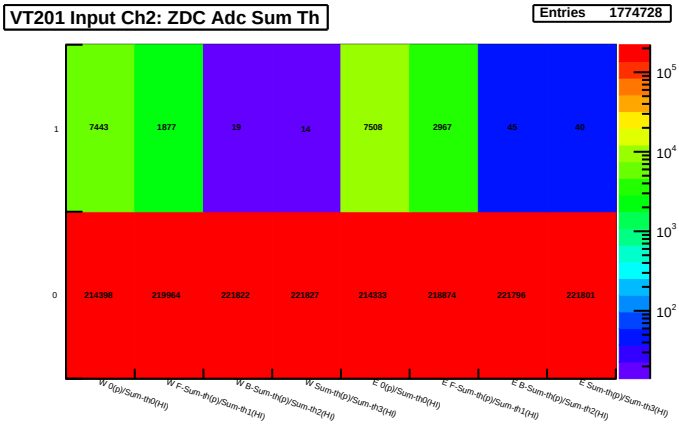

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

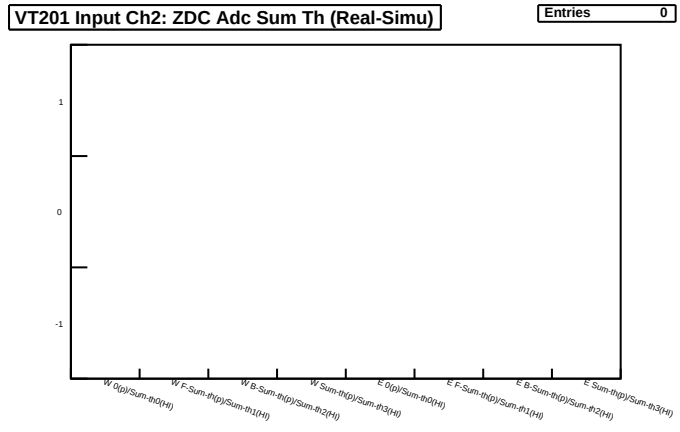

VT201 Input Ch1: EPD Hit Count Th
Entries 443682
217714
217224
4127
4617
East
West

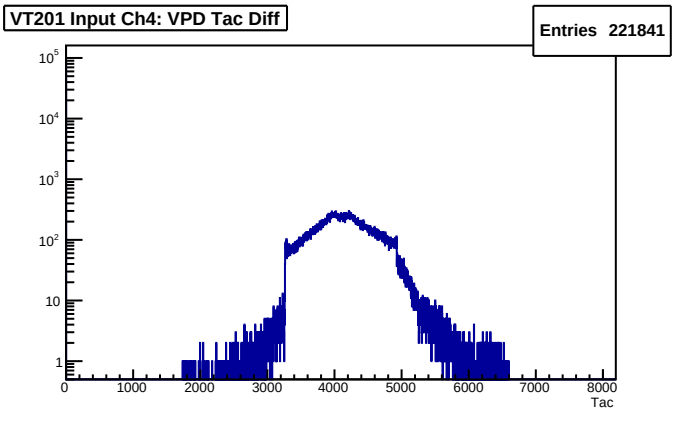

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

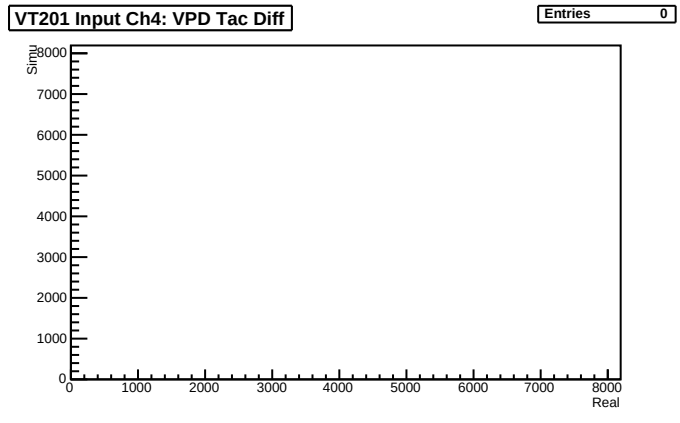

VT201 Input Ch2: ZDC Tac Diff
Entries 221841
Tac

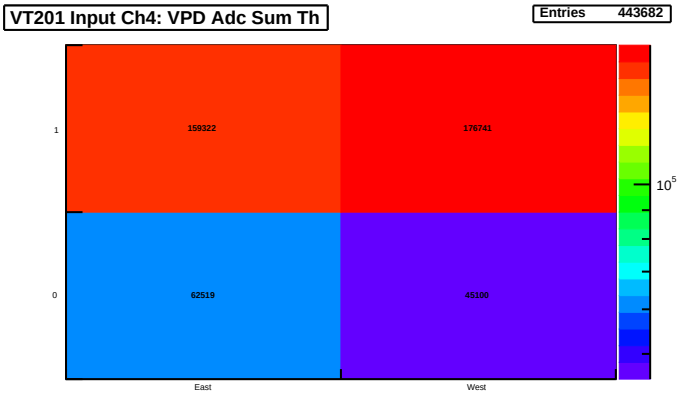

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

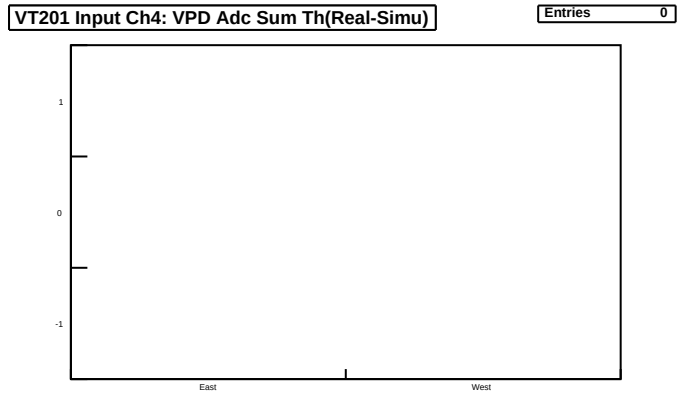

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1774728
7443
1877
19
14
7508
2967
45
40
214398
219964
221822
221827
214333
218874
221796
221801
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

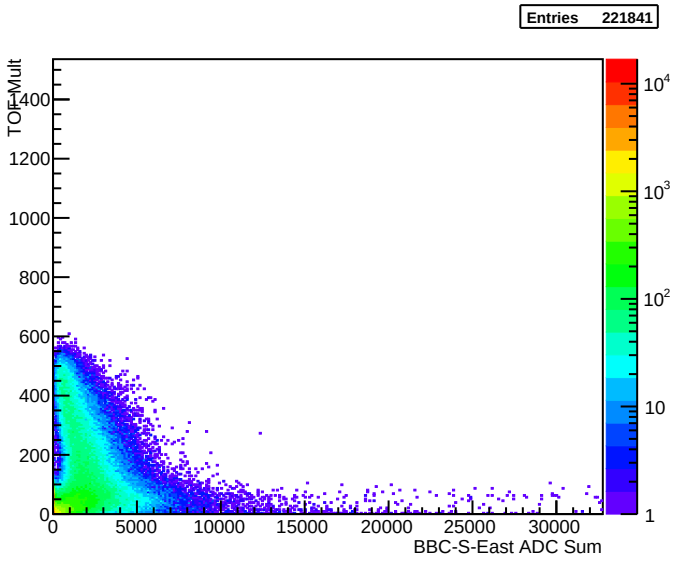

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

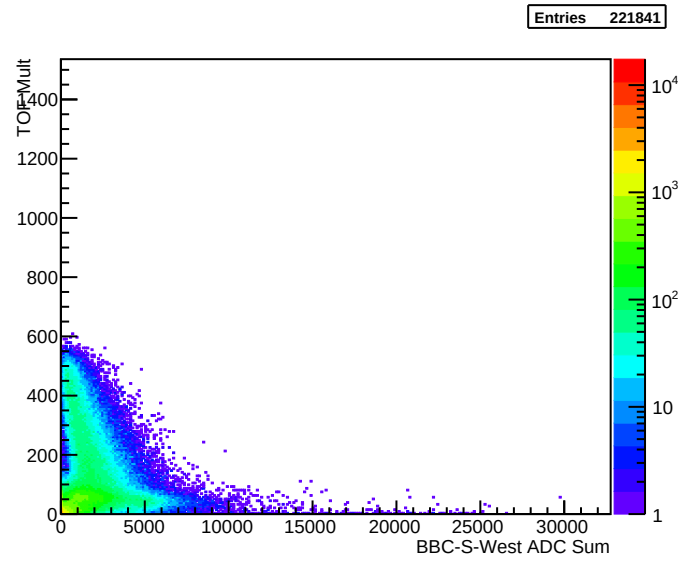

VT201 Input Ch4: VPD Tac Diff
Entries 221841
Tac

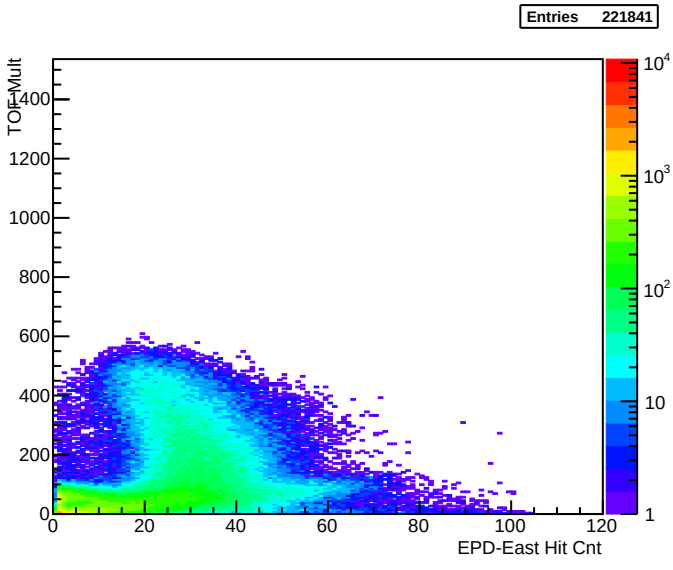

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

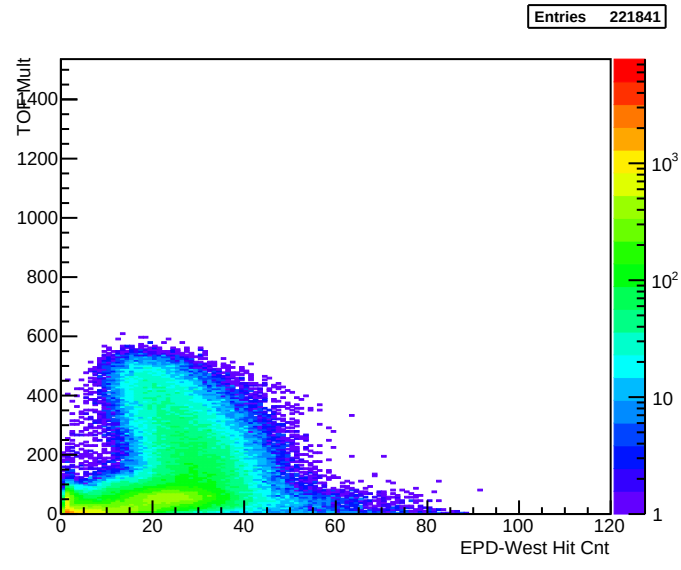

VT201 Input Ch4: VPD Adc Sum Th
Entries 443682
159322
176741
62519
45100
East
West

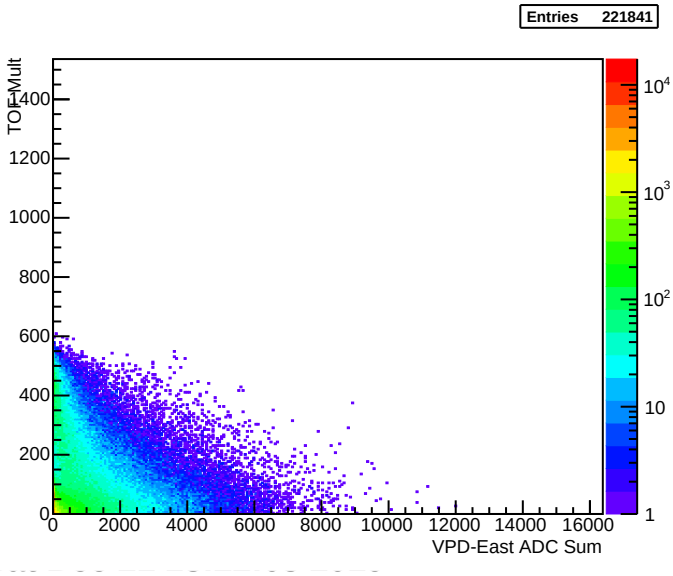

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

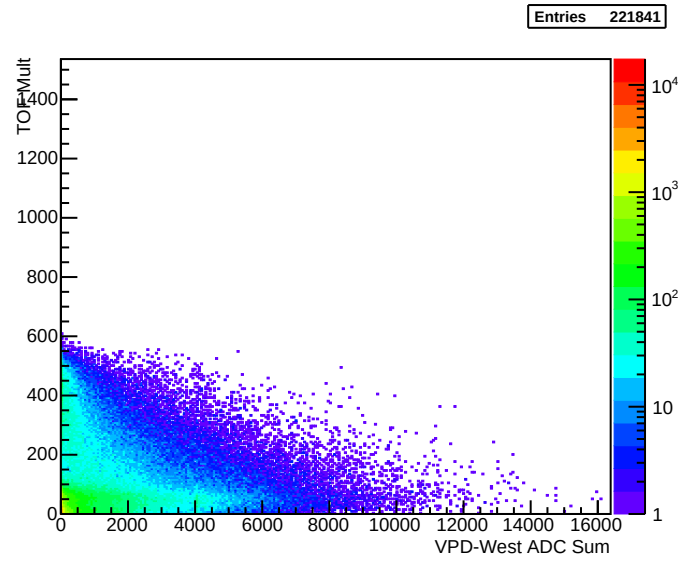

Entries 221841
TOF-Mult
BBC-S-East ADC Sum

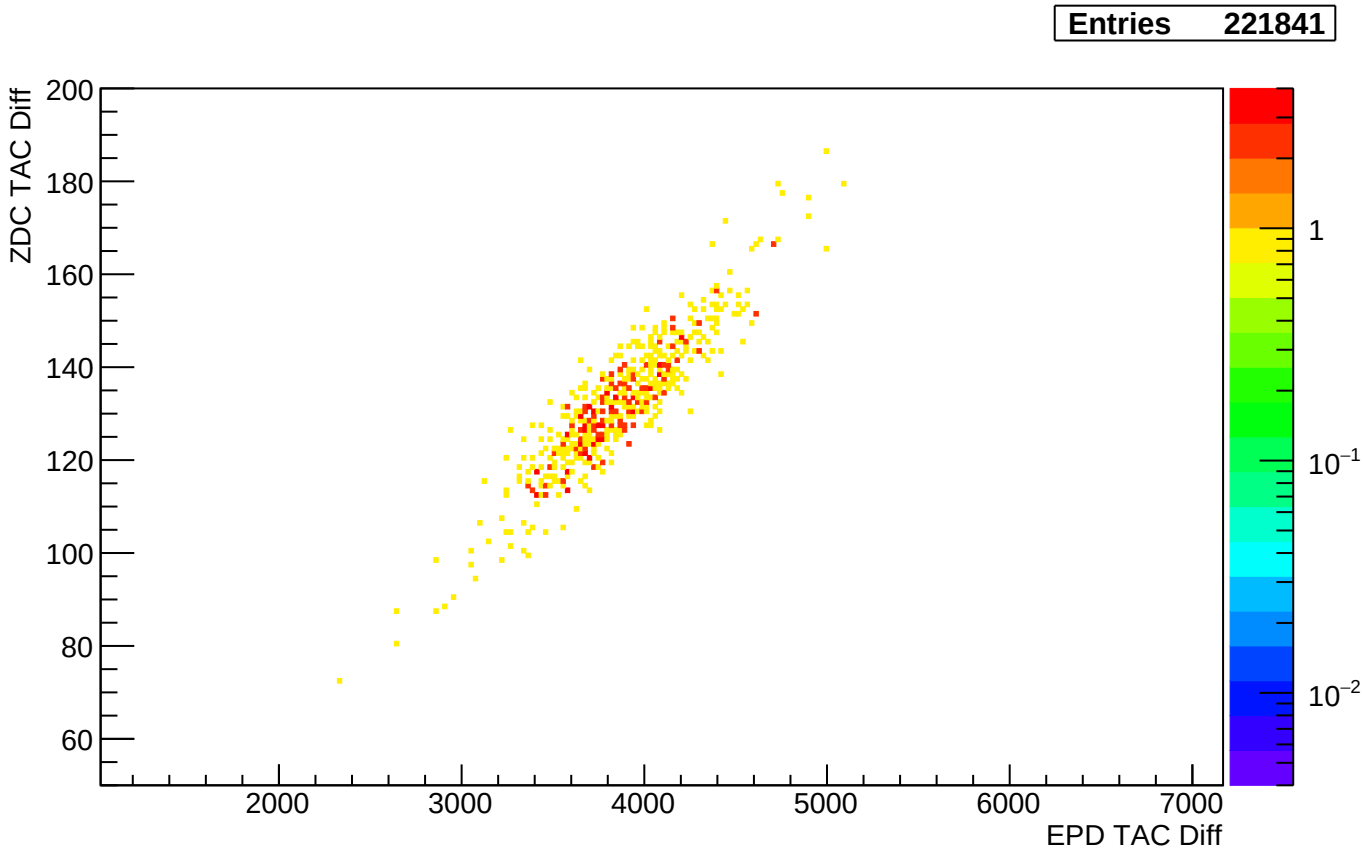

Entries 221841
TOF-Mult
BBC-S-West ADC Sum

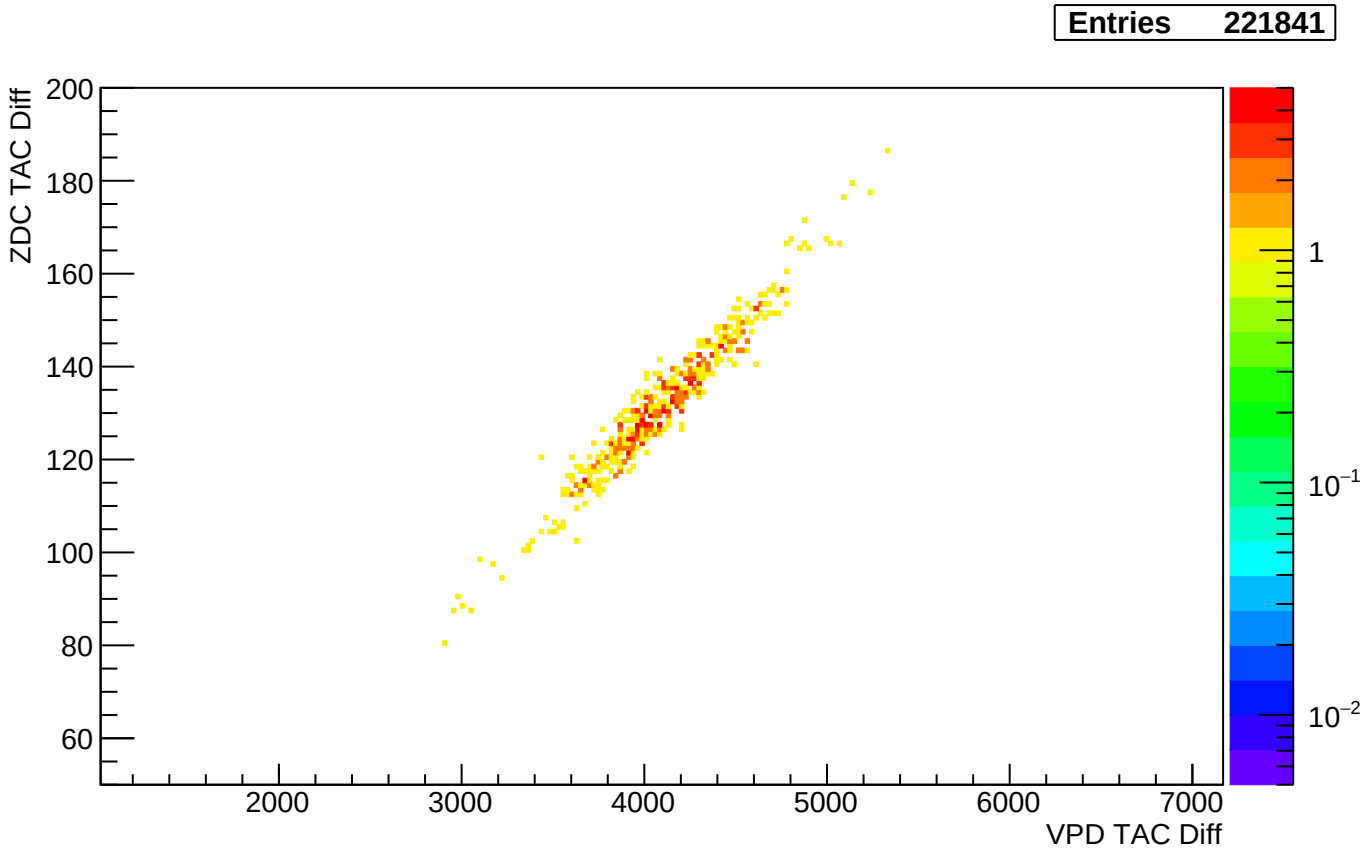

Entries 221841
TOF-Mult
EPD-East Hit Cnt

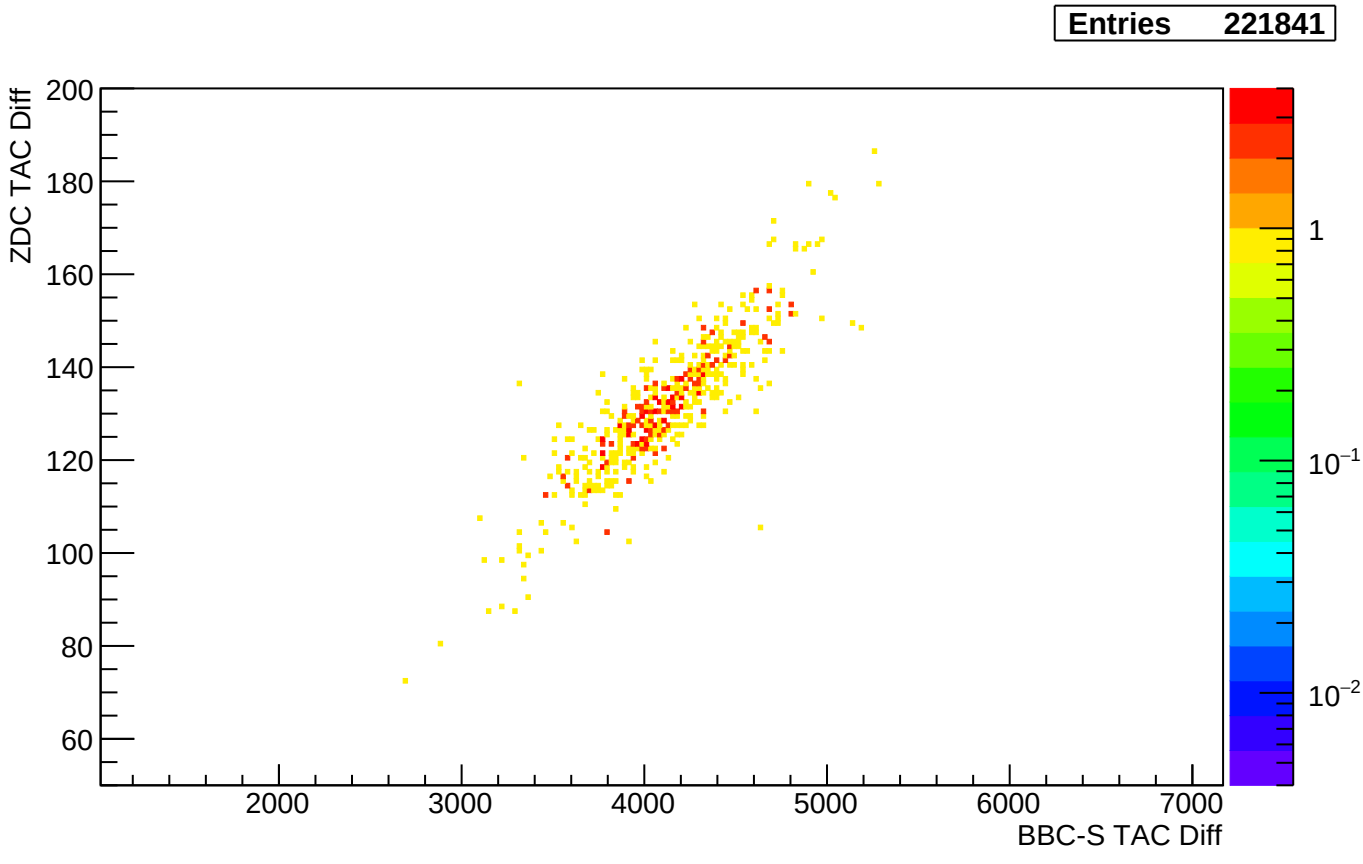

Entries 221841
TOF-Mult
EPD-West Hit Cnt

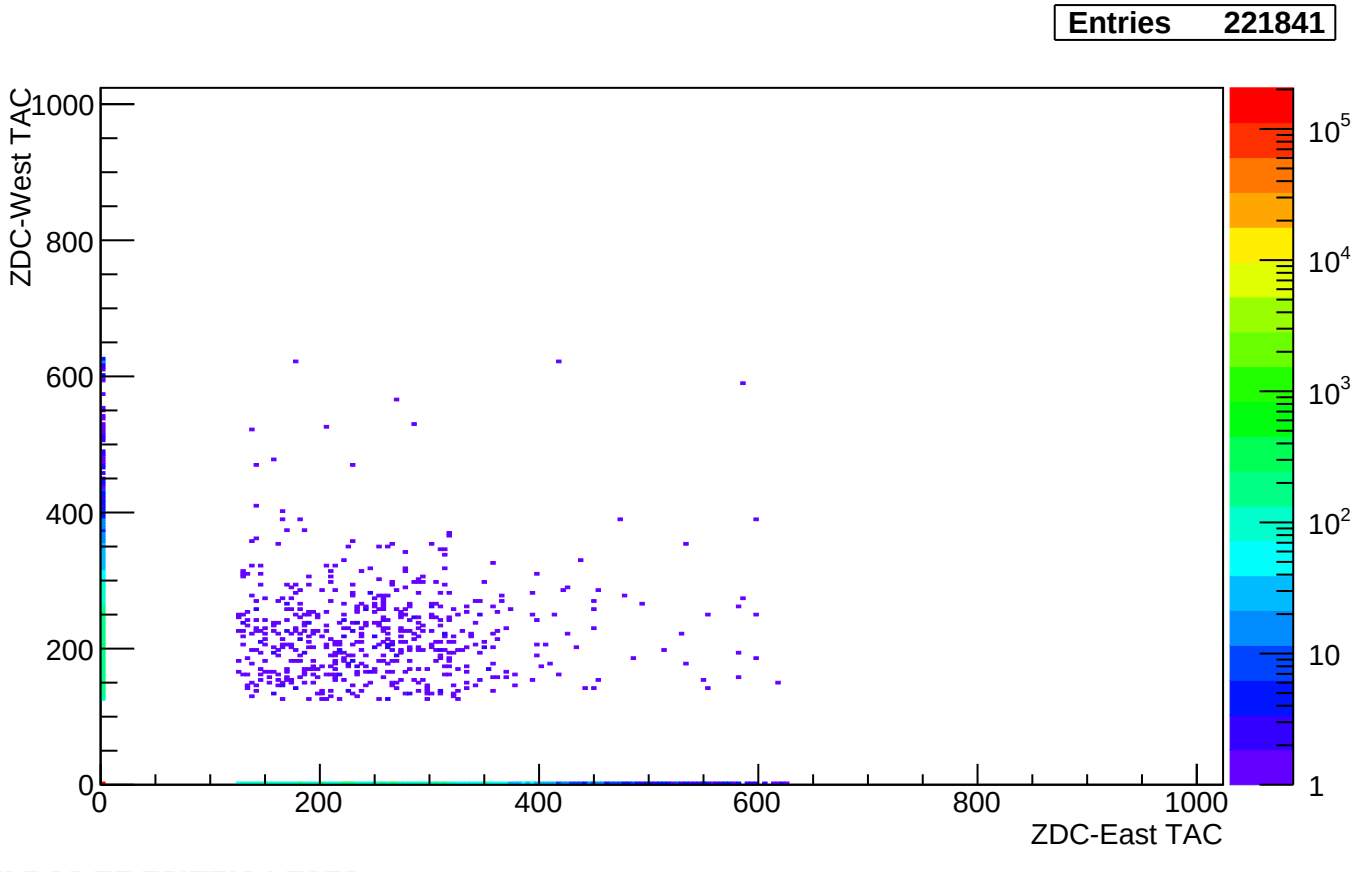

Entries 221841
TOF-Mult
VPD-East ADC Sum

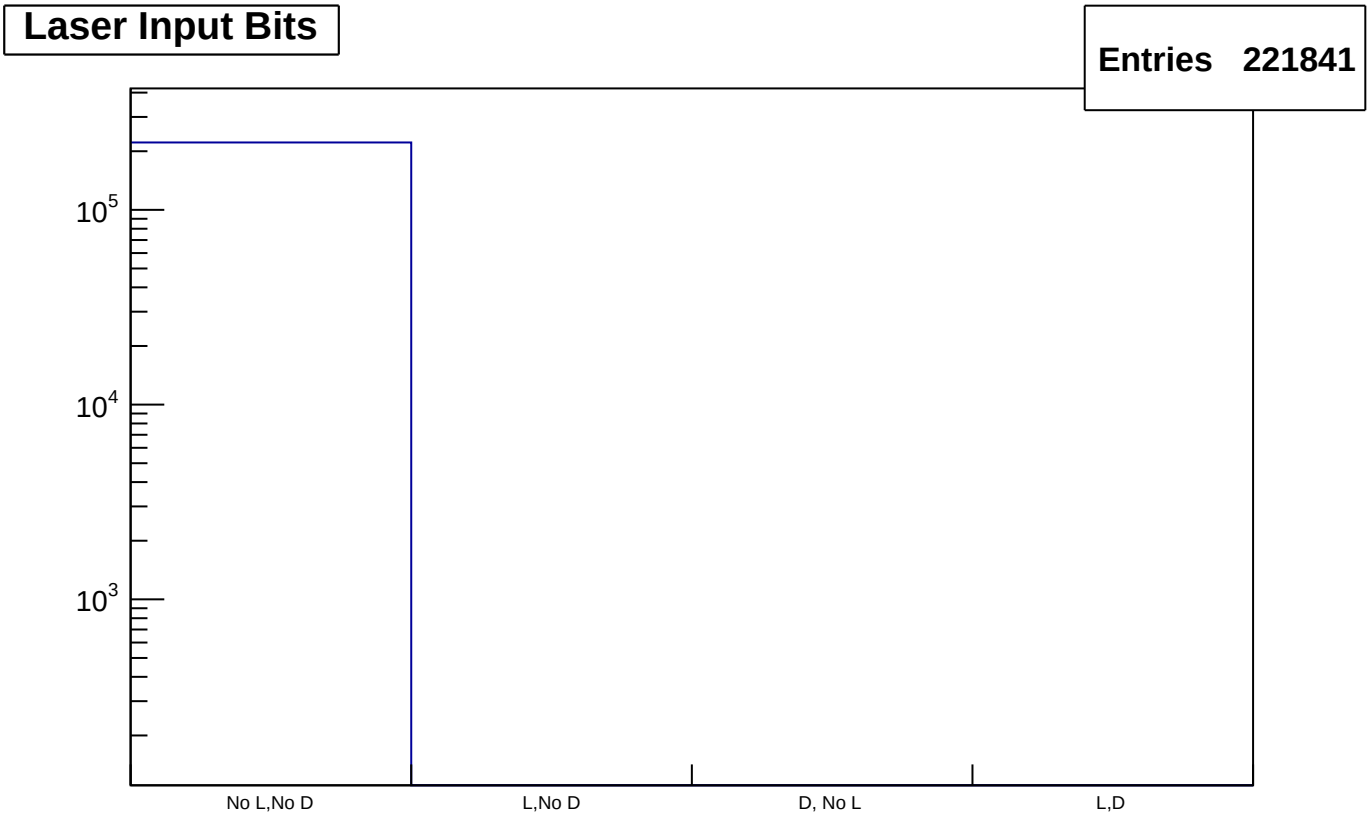

Entries 221841
TOF-Mult
VPD-West ADC Sum

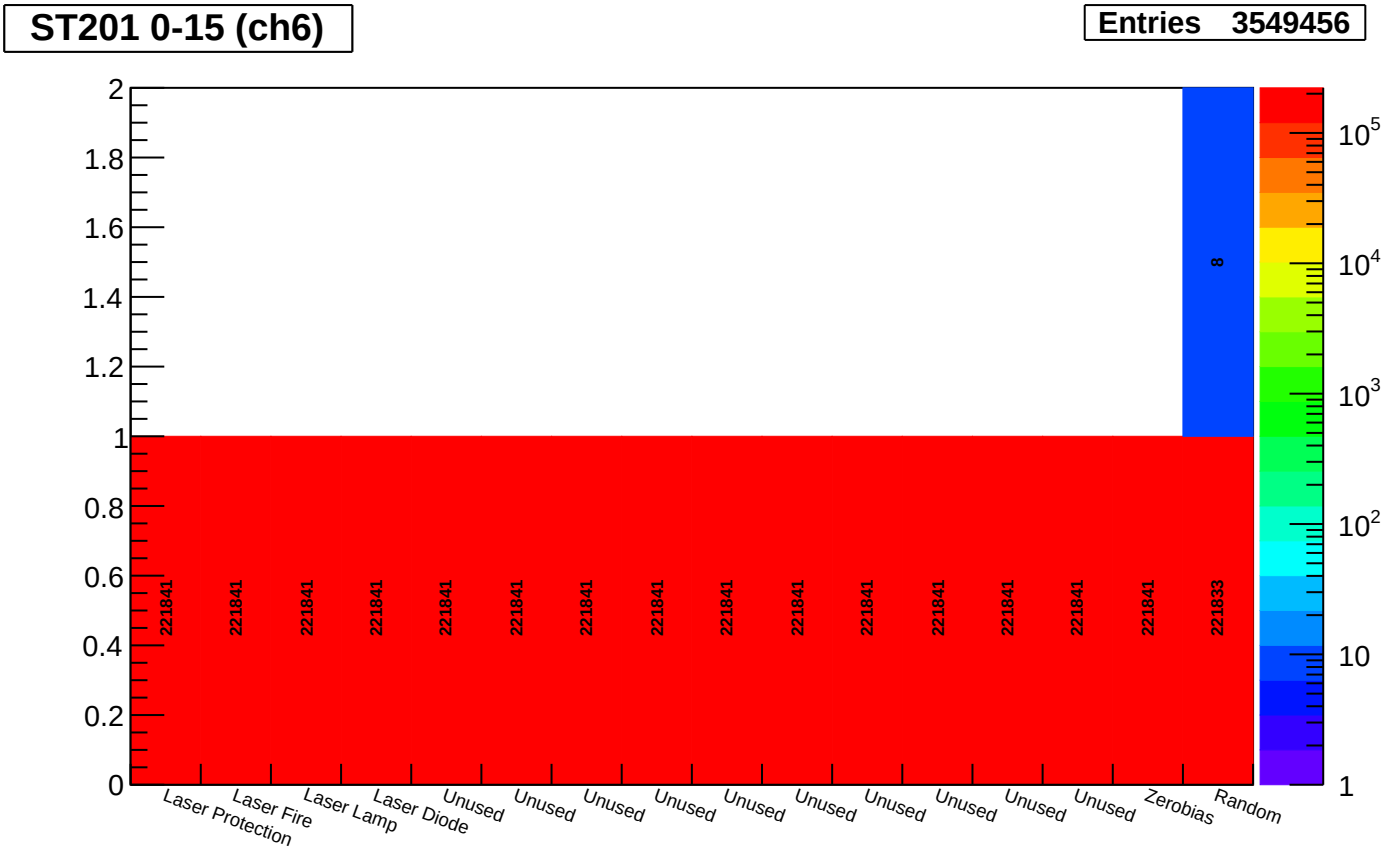

Entries 221841
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

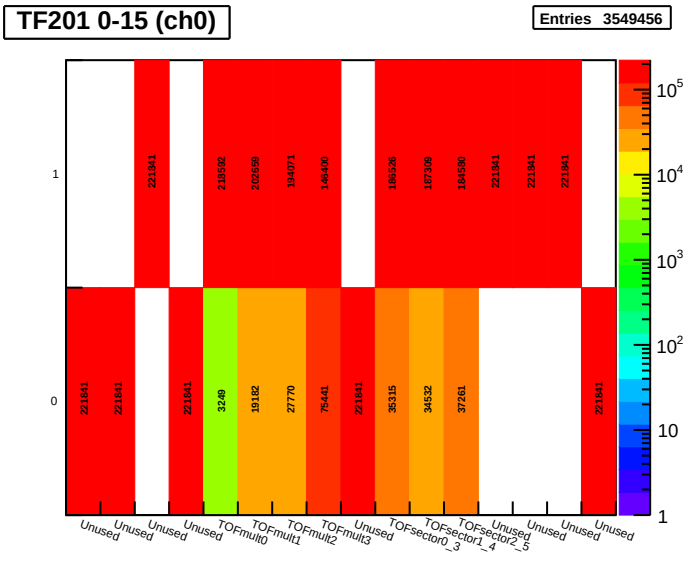

Entries 221841
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

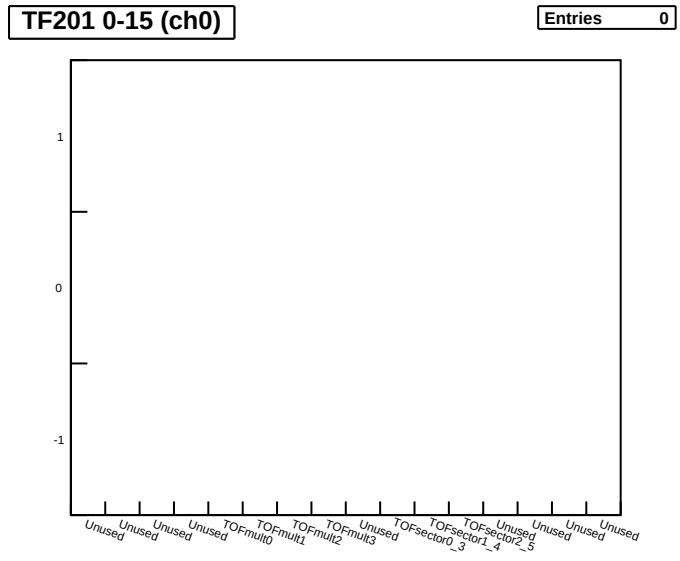

Entries 221841
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

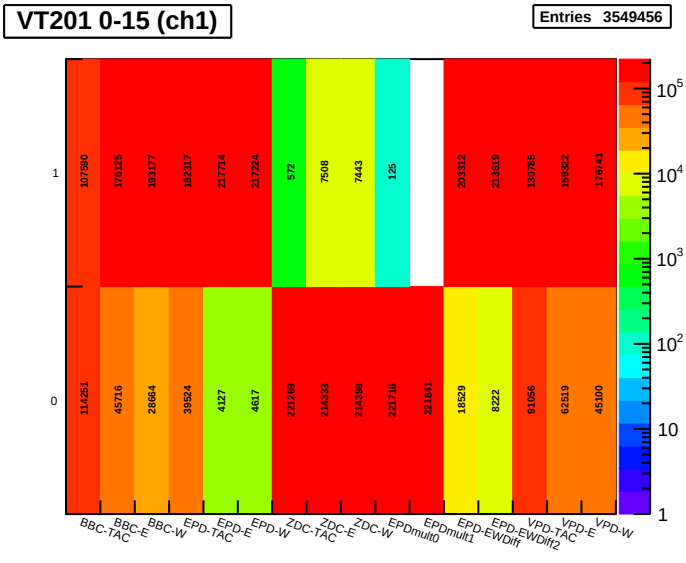

Entries 221841
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

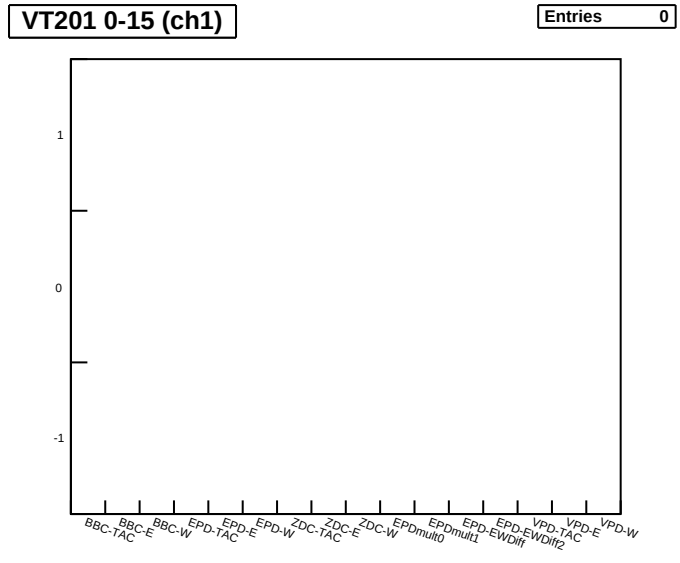

Laser Input Bits
Entries 221841
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

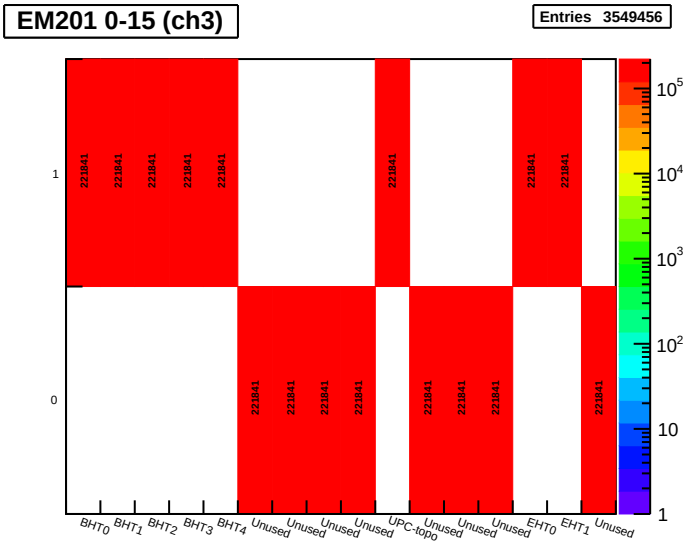

ST201 0-15 (ch6)
Entries 3549456
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
221841
221841
221841
221841
221841
221841
221841
221841
221841
221841
221841
221841
221841
221841
221841
221833
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

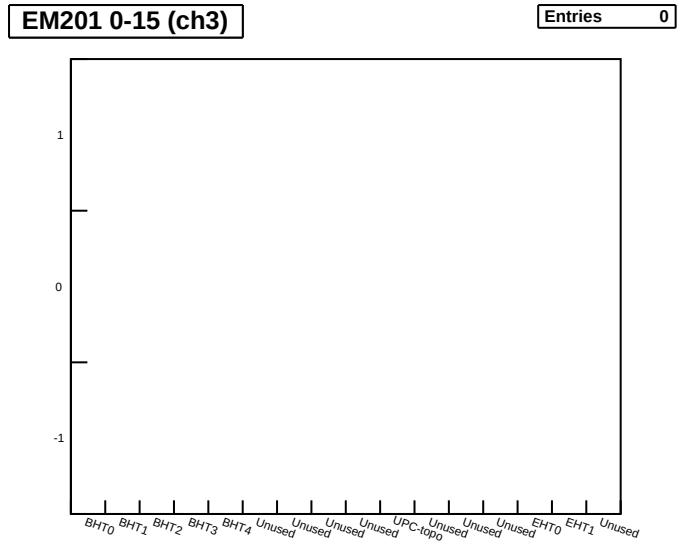

TF201 0-15 (ch0)
Entries 3549456
1
0
221841 221841 221841 221841 218592 202659 194071 146400 186526 197309 194580 221841 221841 221841
221841 221841 221841 3249 19182 27770 75441 221841 35315 34532 37261 221841
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 3549456
1
0
107590 176125 193177 182317 217714 217224 572 7508 7443 125 203312 213619 130765 159322 176741
114251 45716 28664 39524 4127 4617 222269 214333 214398 221716 221841 18529 8222 91056 62519 45100
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 3549456
1
0
221841 221841 221841 221841 221841 221841 221841 221841
221841 221841 221841 221841 221841 221841 221841 221841
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused