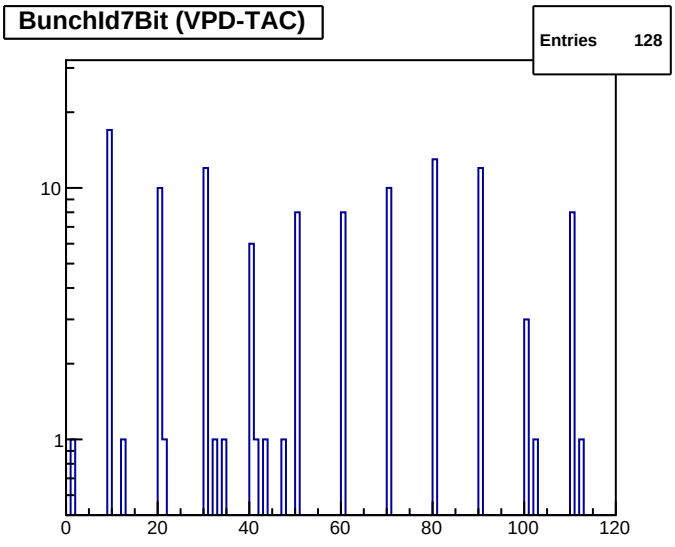
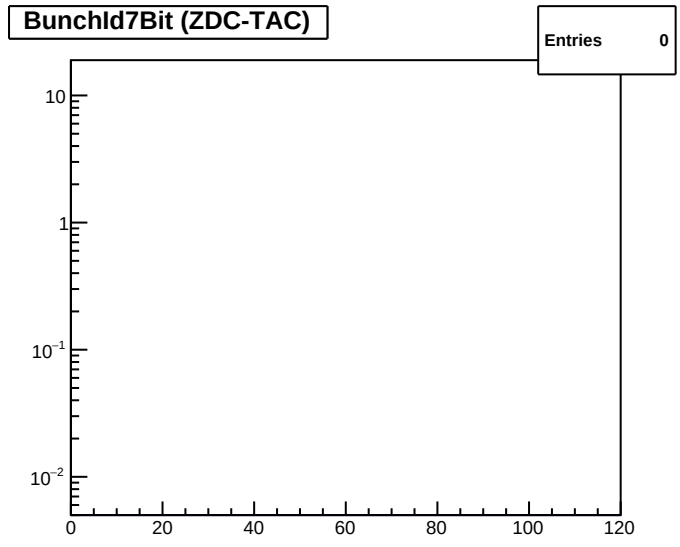
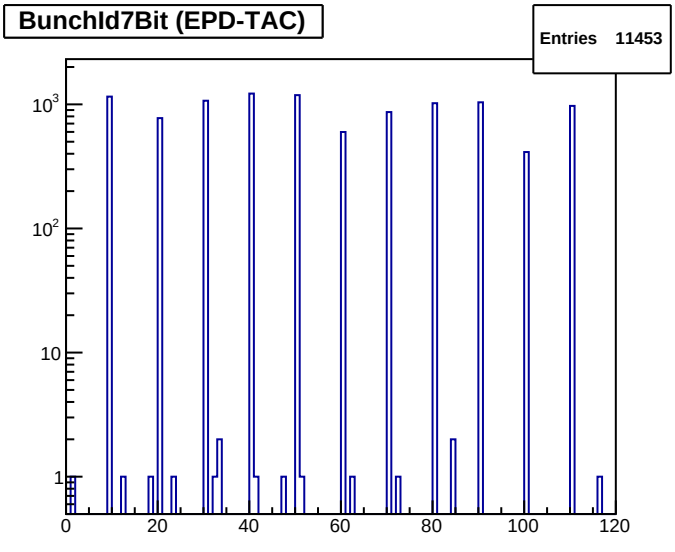
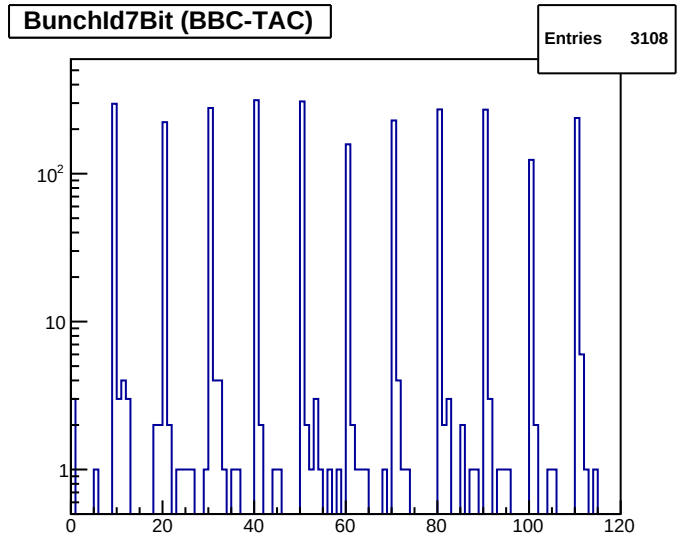
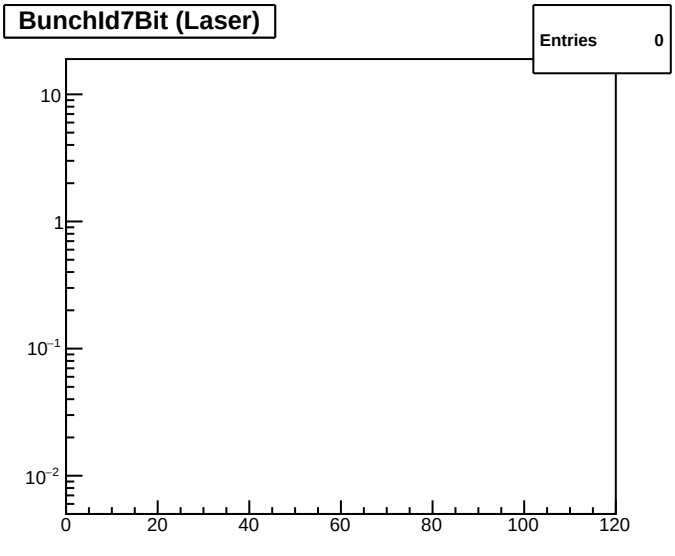
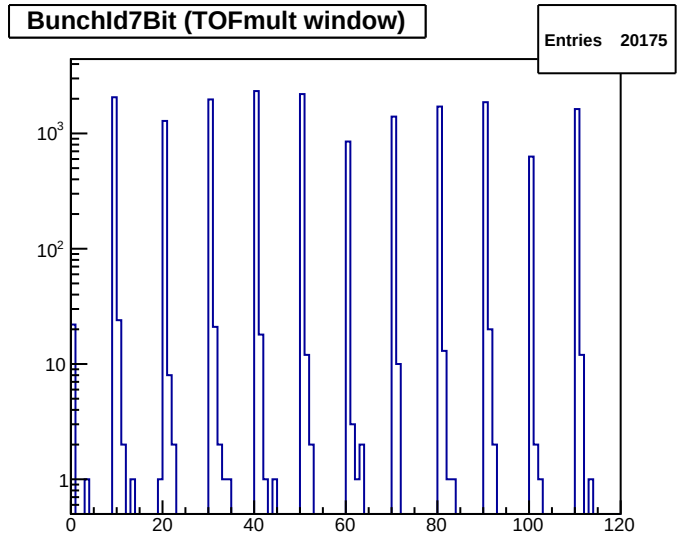

BunchId7Bit (VPD-TAC)
Entries 128

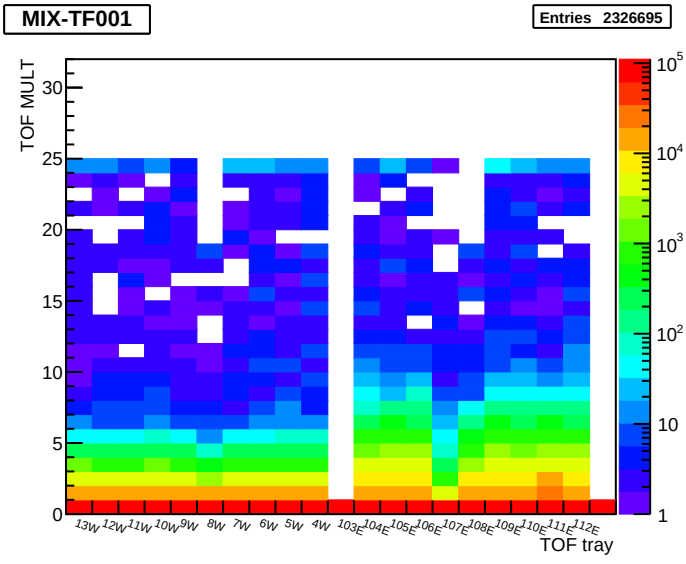

BunchId7Bit (ZDC-TAC)
Entries 0

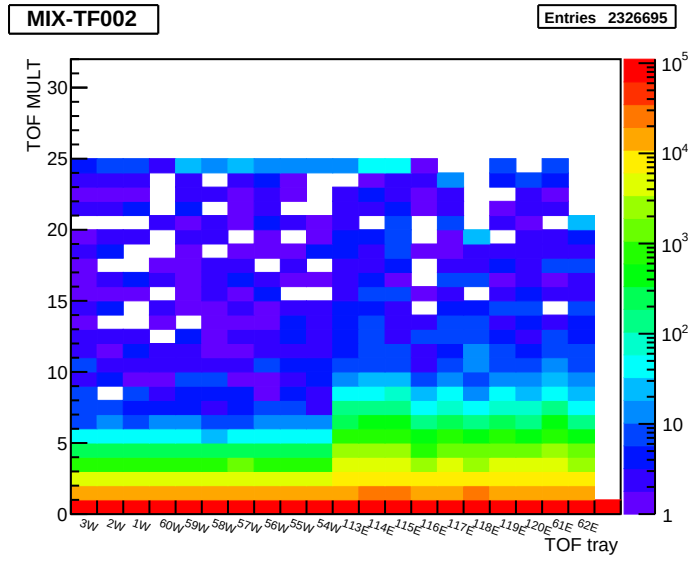

BunchId7Bit (EPD-TAC)
Entries 11453

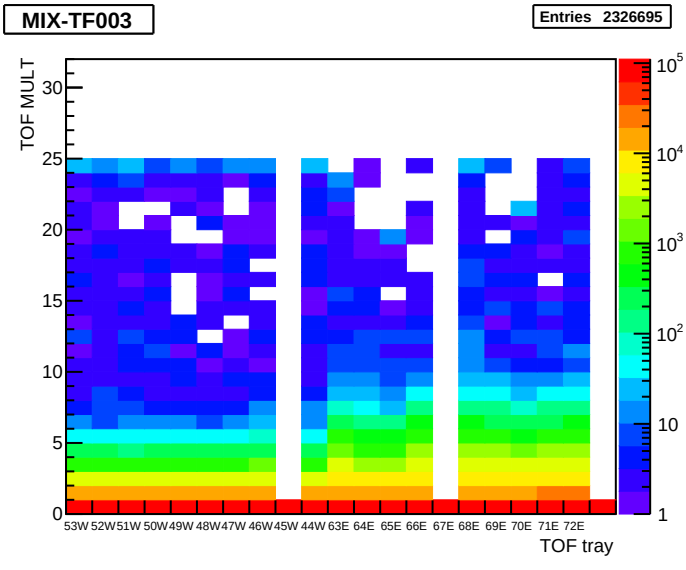

BunchId7Bit (BBC-TAC)
Entries 3108

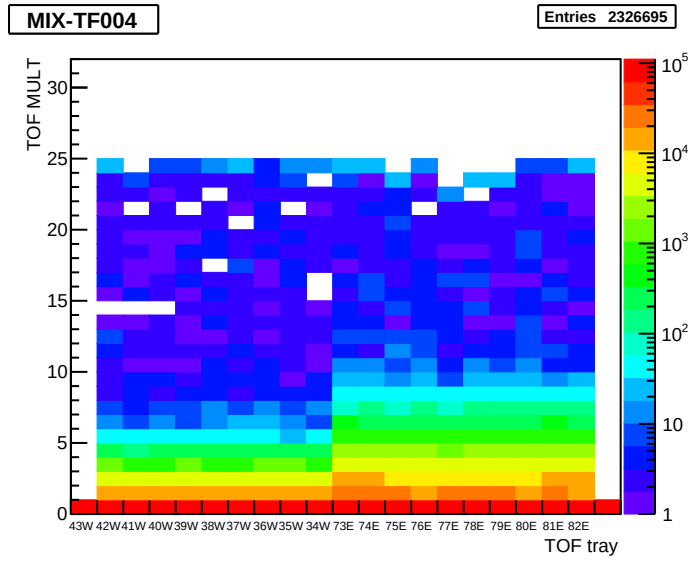

BunchId7Bit (Laser)
Entries 0

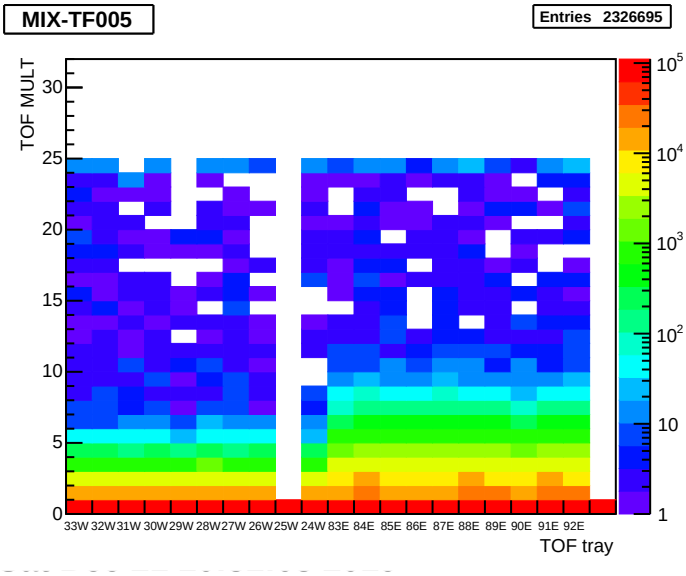

BunchId7Bit (TOFmult window)
Entries 20175

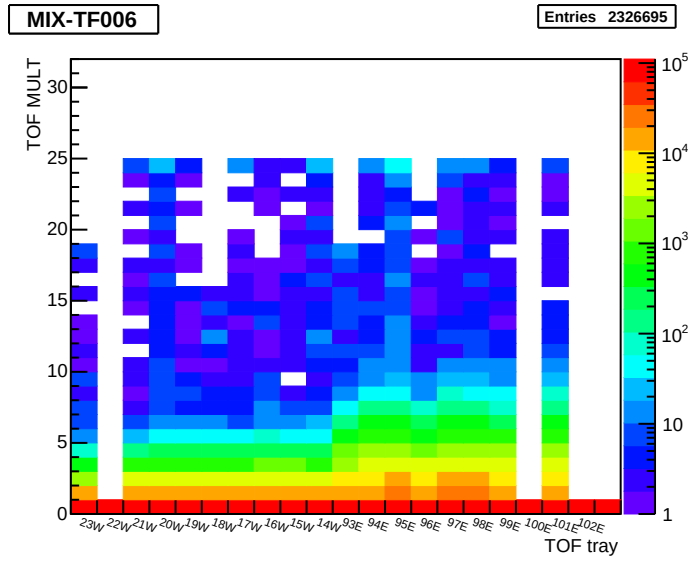

MIX-TF001
Entries 2326695
TOF MULT
TOF tray

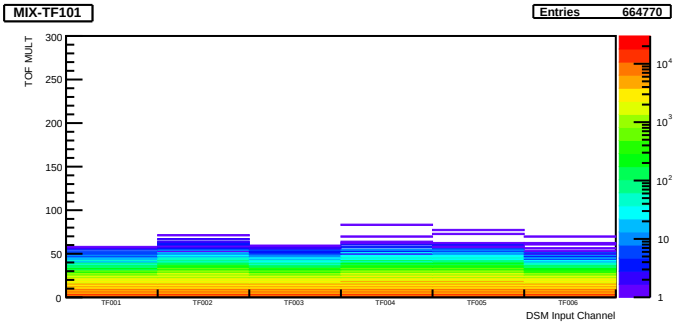

MIX-TF002
Entries 2326695
TOF MULT
TOF tray

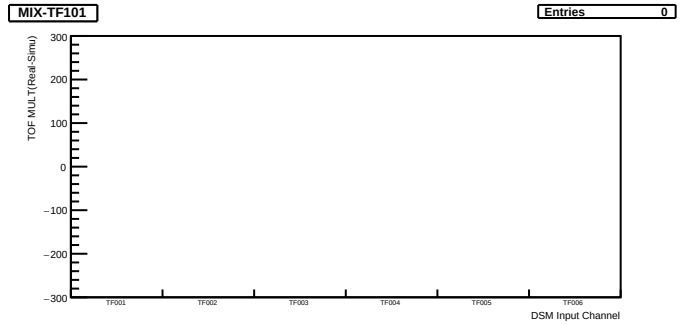

MIX-TF003
Entries 2326695
TOF MULT
TOF tray

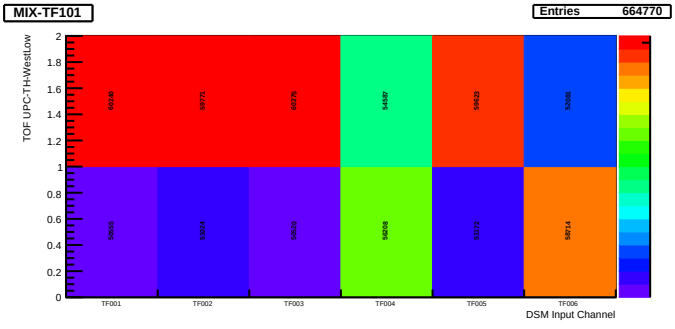

MIX-TF004
Entries 2326695
TOF MULT
TOF tray

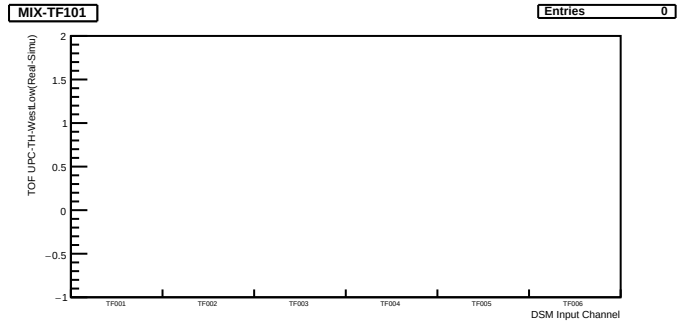

MIX-TF005
Entries 2326695
TOF MULT
TOF tray

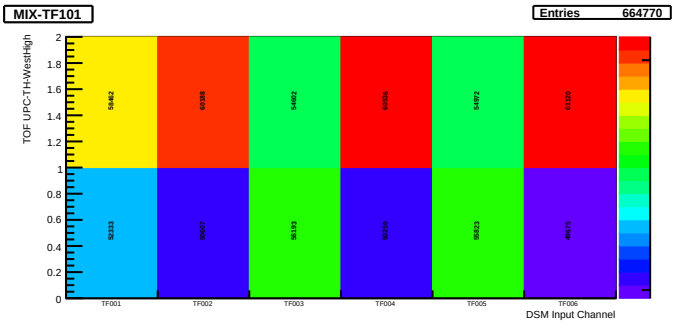

MIX-TF006
Entries 2326695
TOF MULT
TOF tray

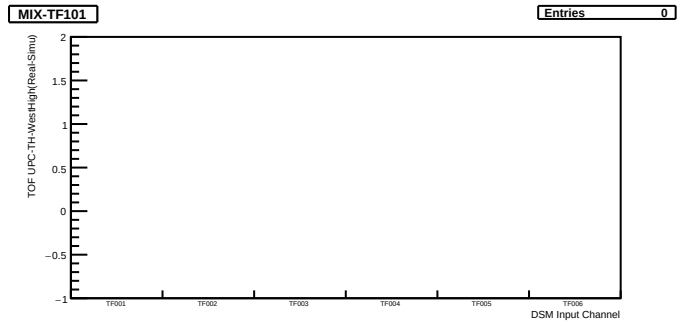

MIX-TF101
Entries 664770
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

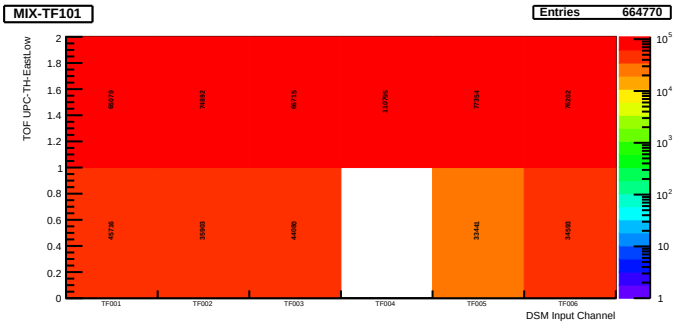

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

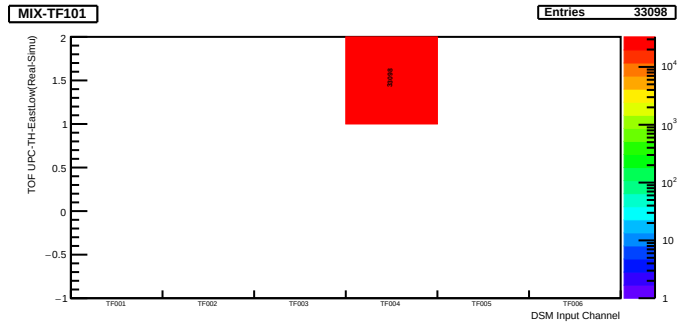

MIX-TF101
Entries 664770
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

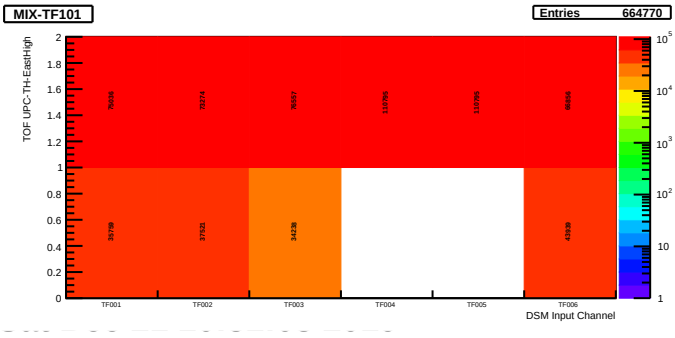

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

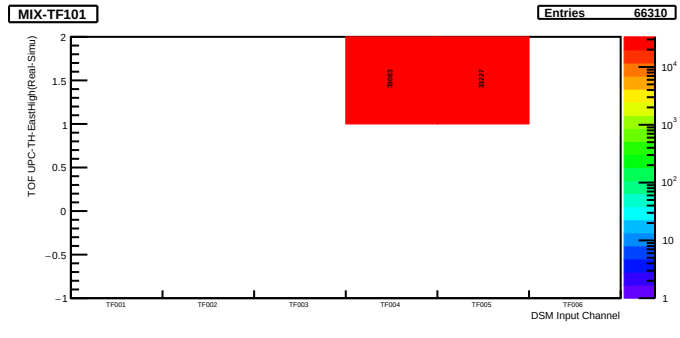

MIX-TF101
Entries 664770
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

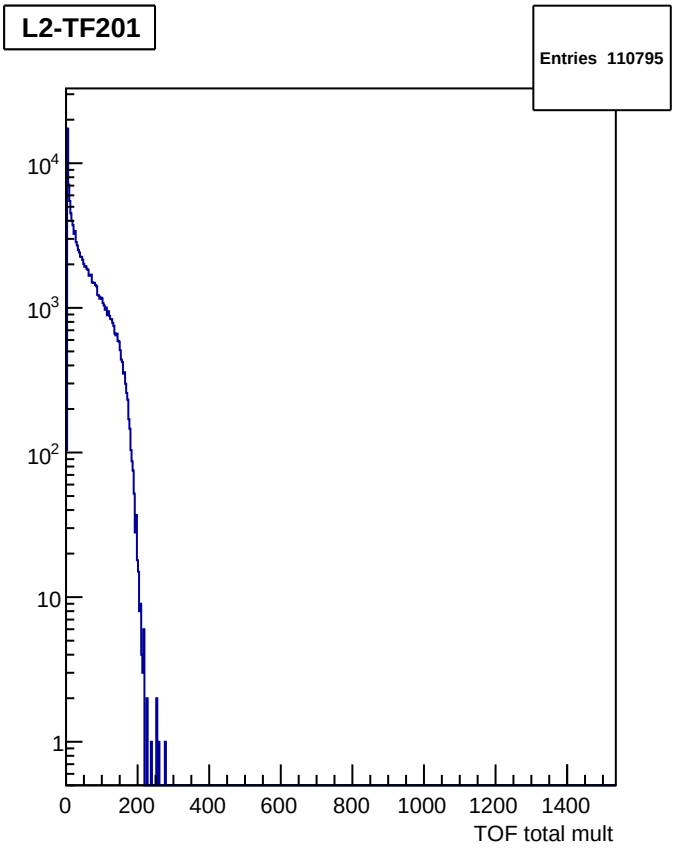

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

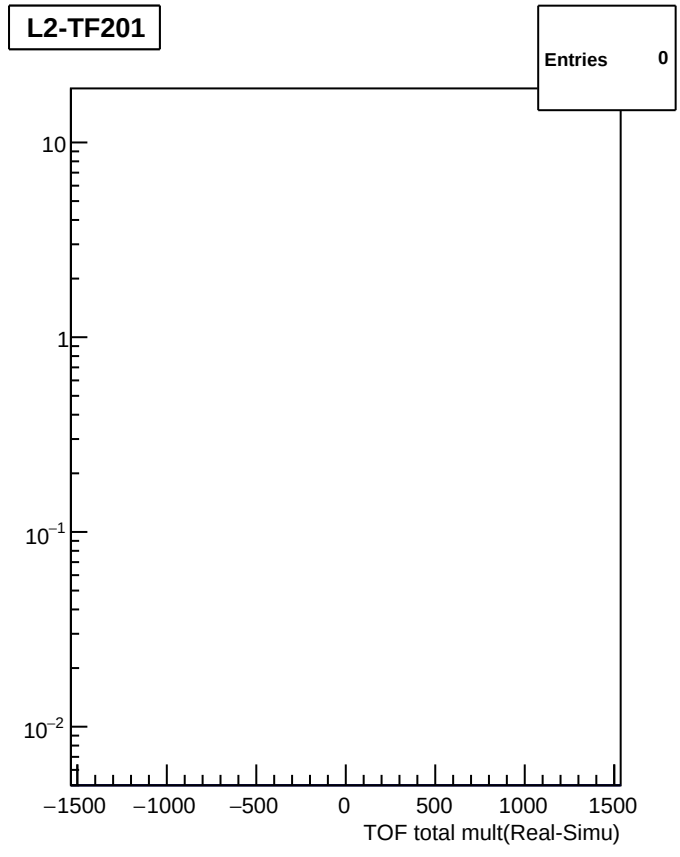

MIX-TF101
Entries 664770
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

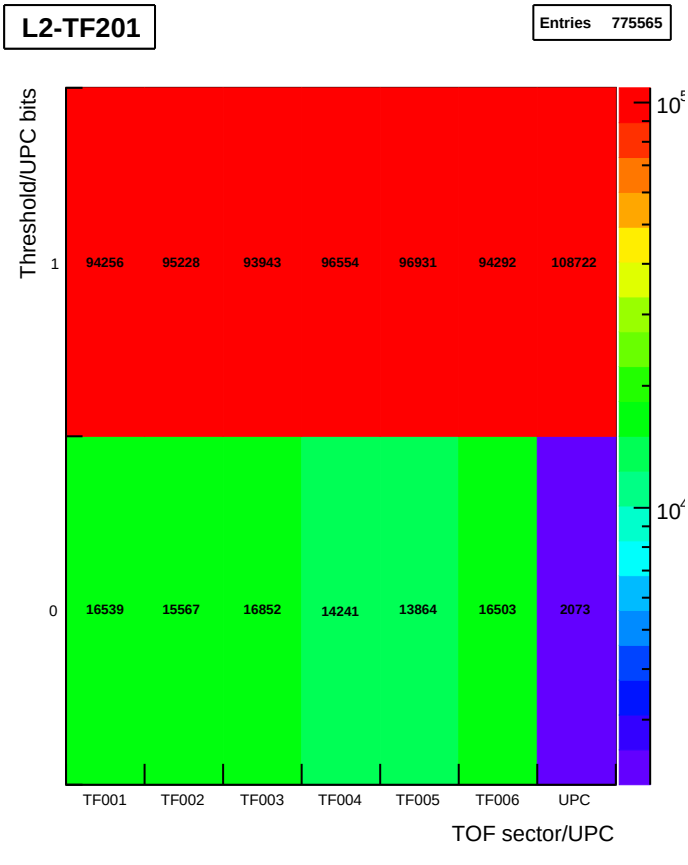

MIX-TF101
Entries 33098
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

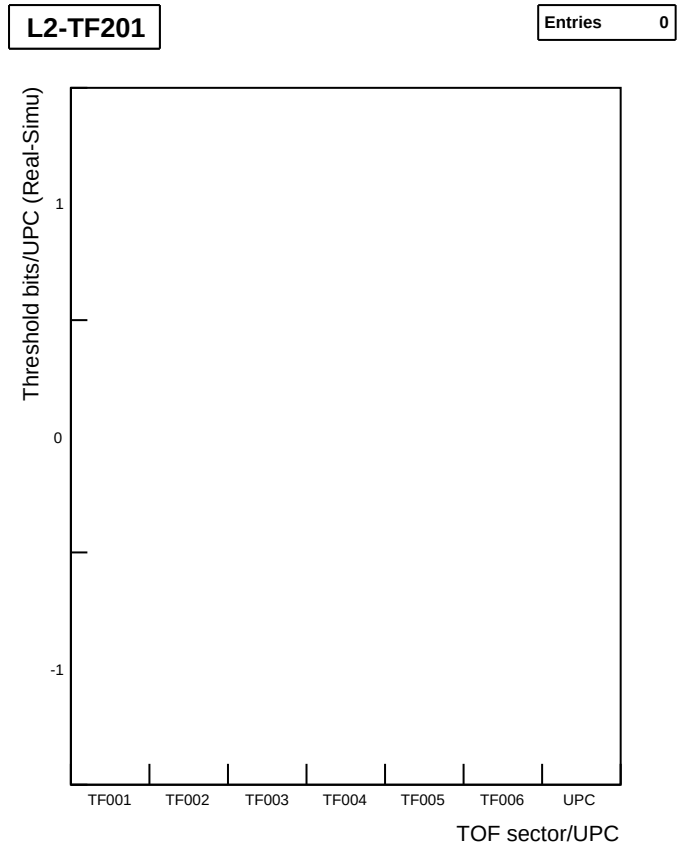

MIX-TF101
Entries 664770
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

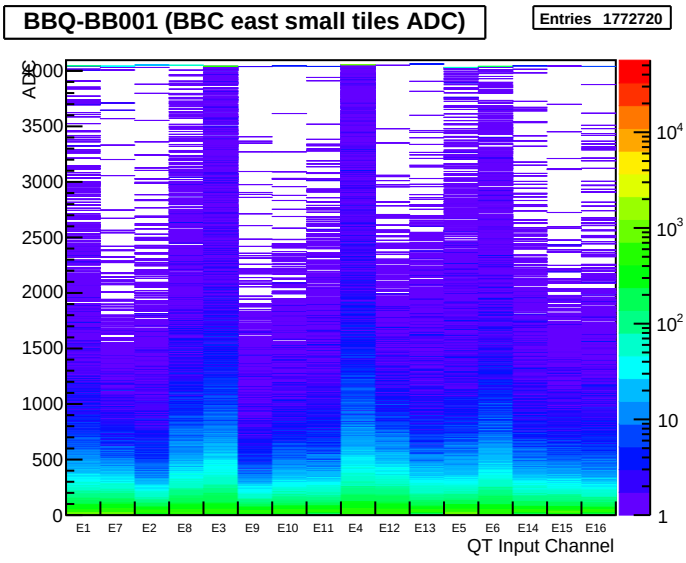

MIX-TF101
Entries 66310
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

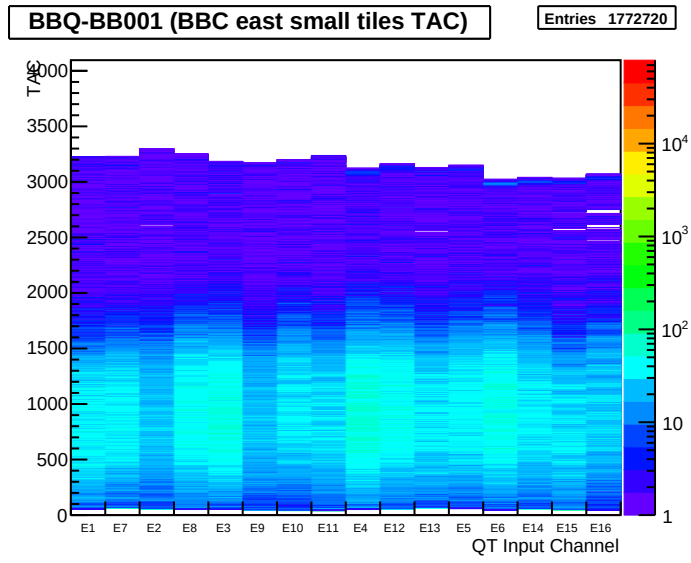

L2-TF201
Entries 110795
TOF total mult

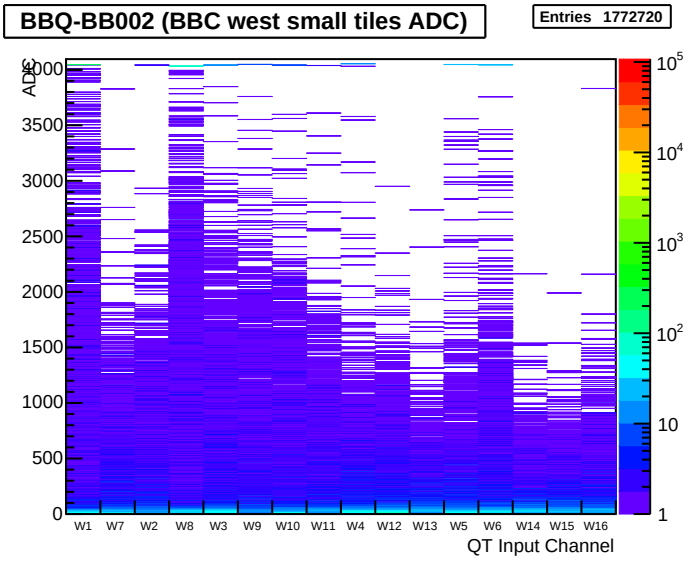

L2-TF201
Entries 0
TOF total mult(Real-Simu)

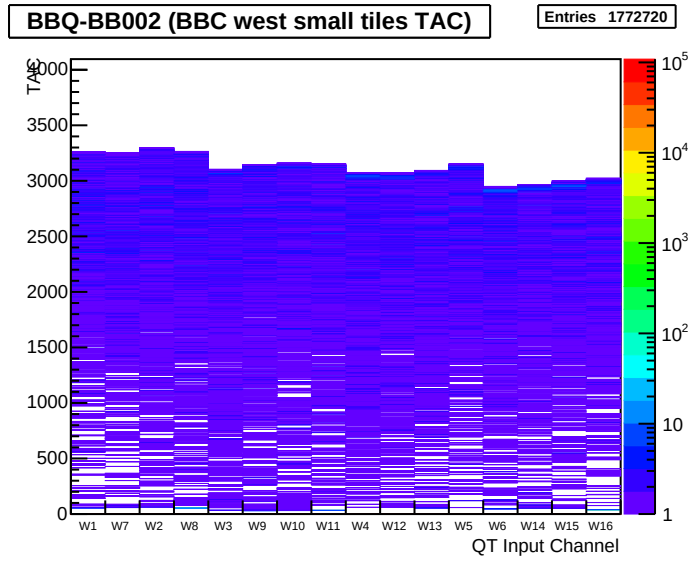

L2-TF201
Entries 775565
Threshold/UPC bits
94256
95228
93943
96554
96931
94292
108722
16539
15567
16852
14241
13864
16503
2073
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

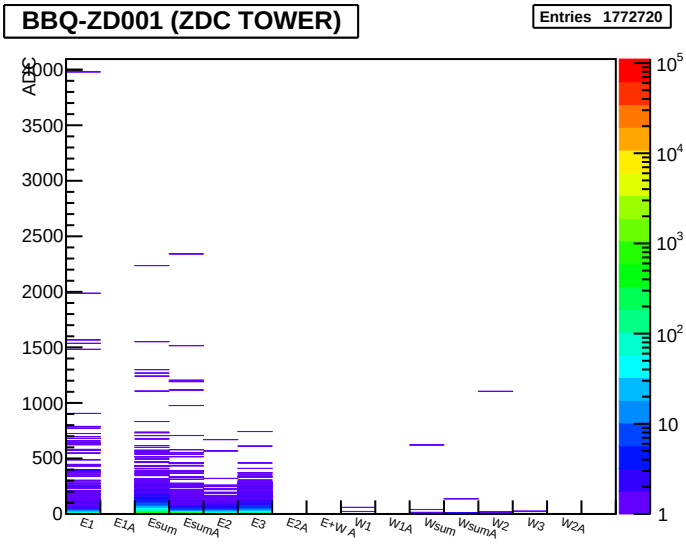

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

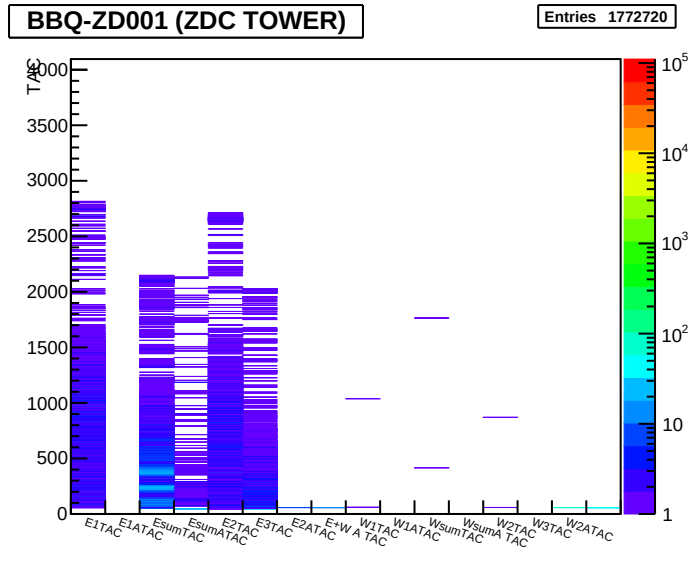

BBQ-BB001 (BBC east small tiles ADC)
Entries 1772720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

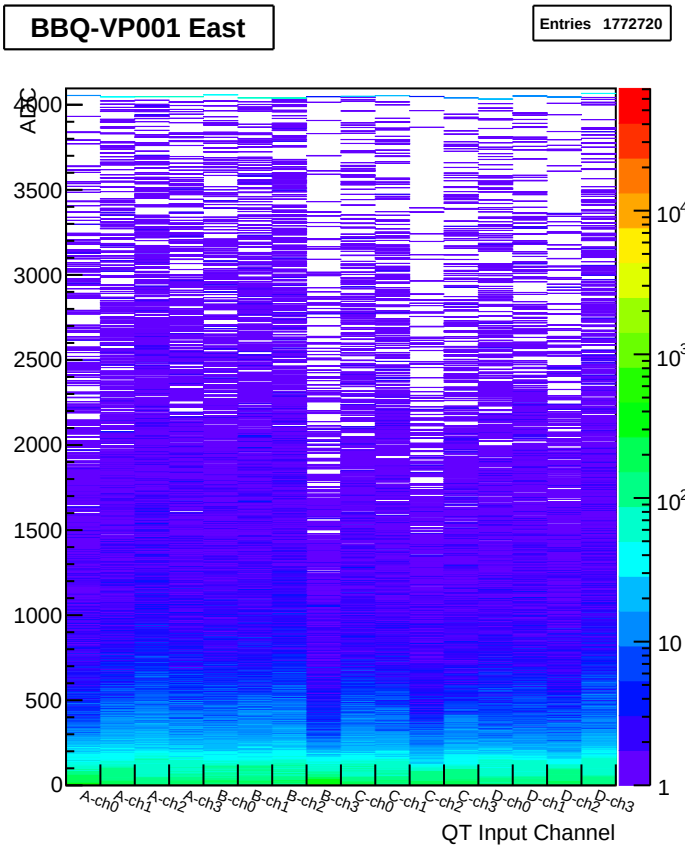

BBQ-BB001 (BBC east small tiles TAC)
Entries 1772720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

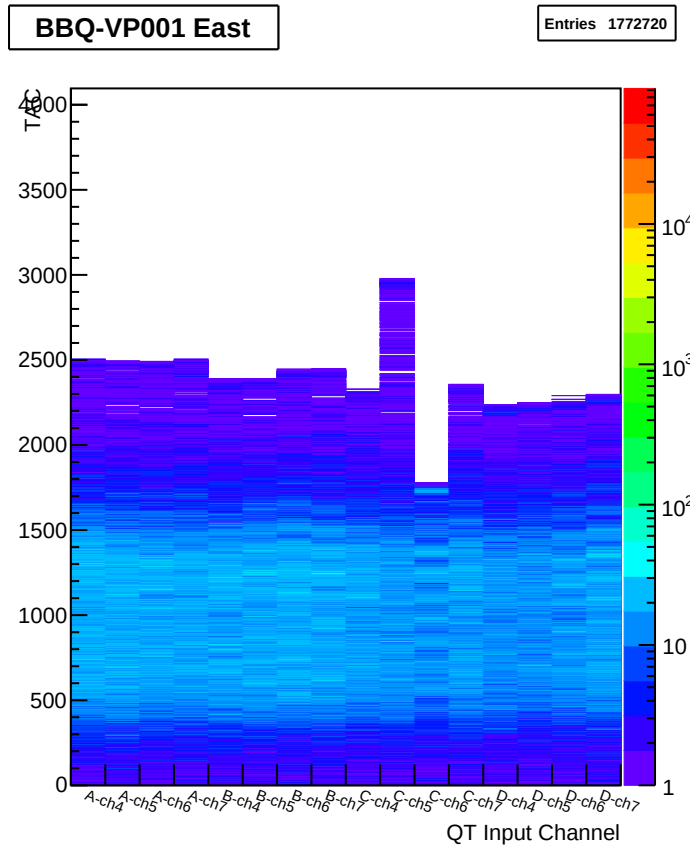

BBQ-BB002 (BBC west small tiles ADC)
Entries 1772720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

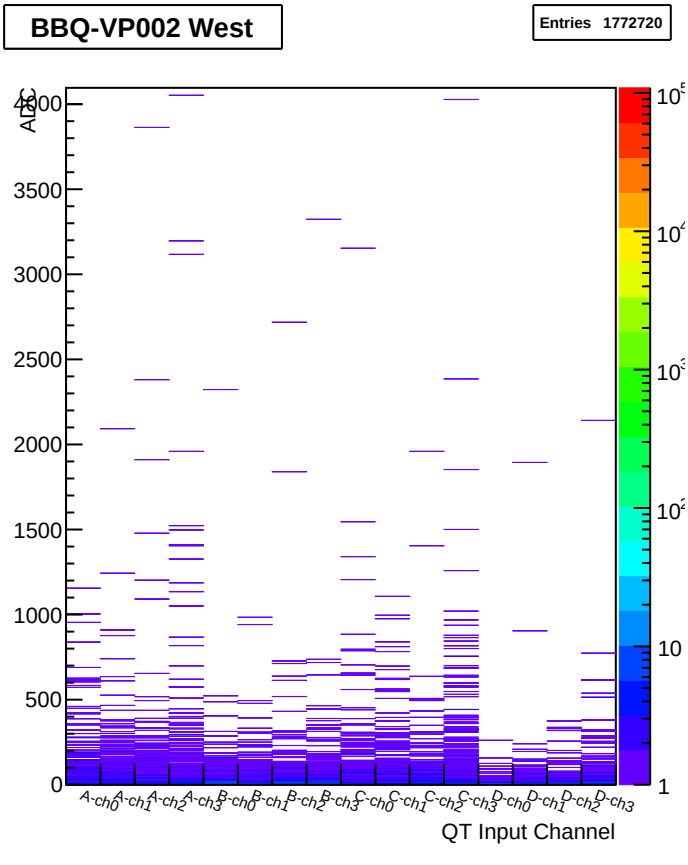

BBQ-BB002 (BBC west small tiles TAC)
Entries 1772720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

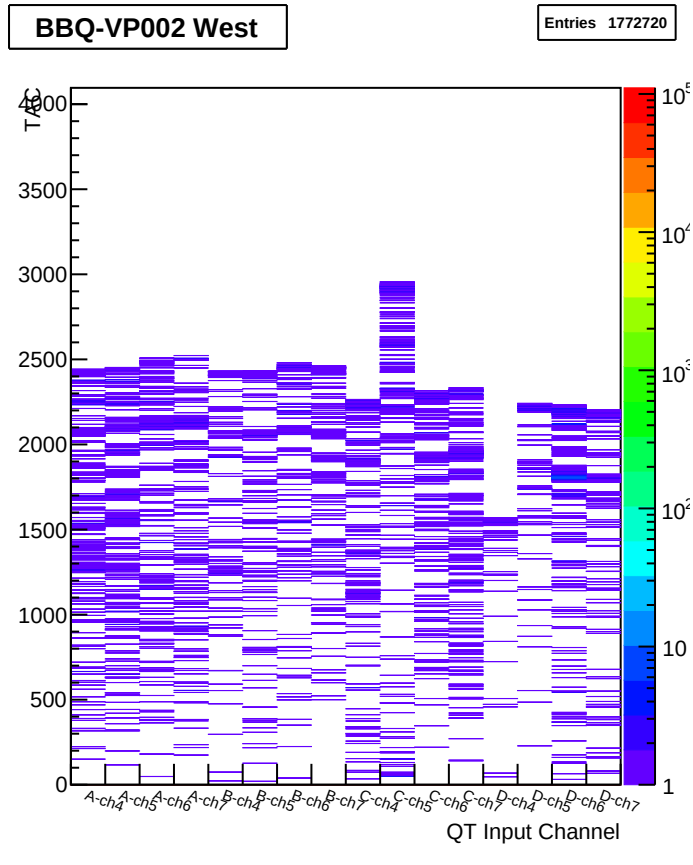

BBQ-ZD001 (ZDC TOWER)
Entries 1772720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

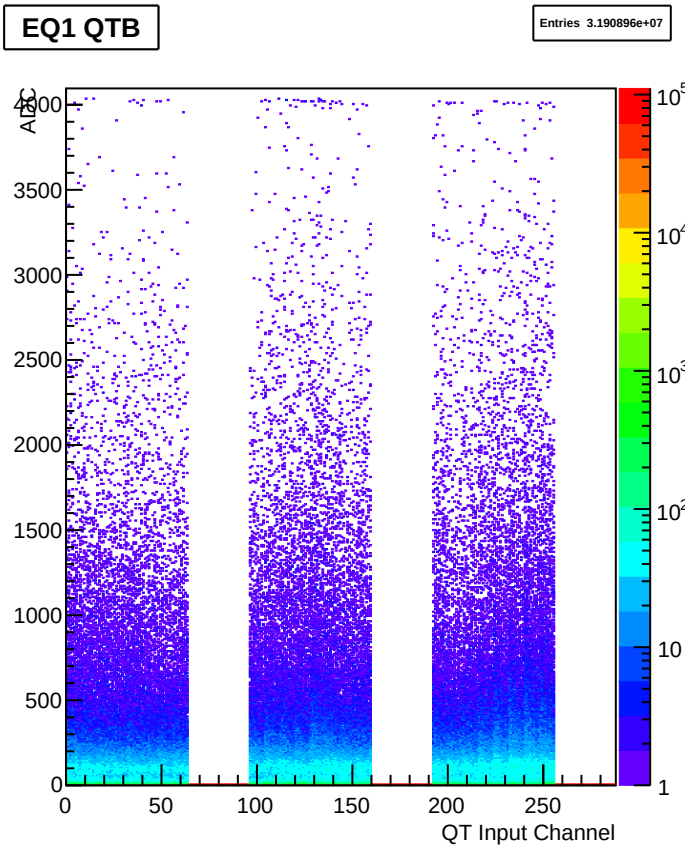

BBQ-ZD001 (ZDC TOWER)
Entries 1772720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

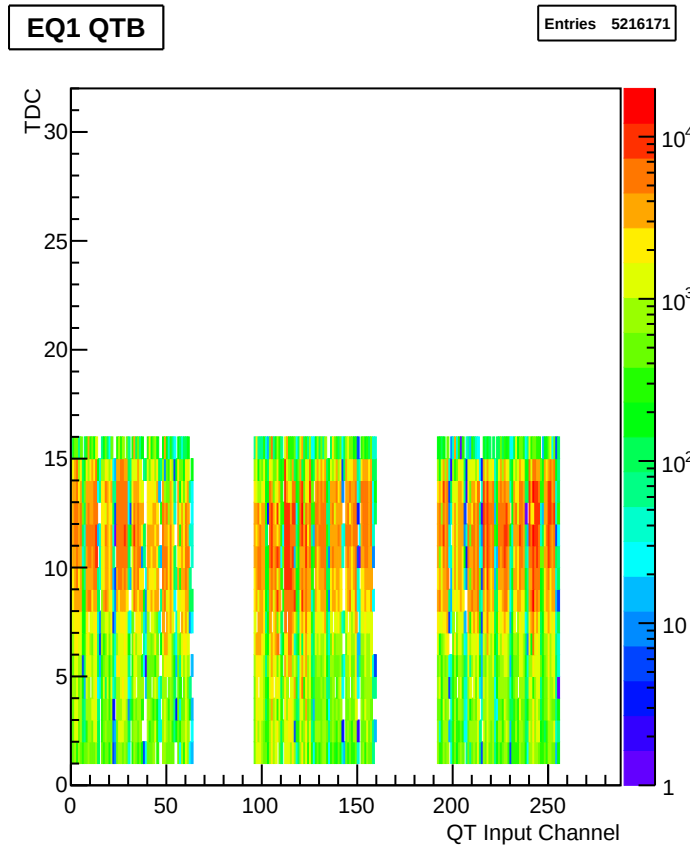

BBQ-VP001 East
Entries 1772720
ADC
QT Input Channel

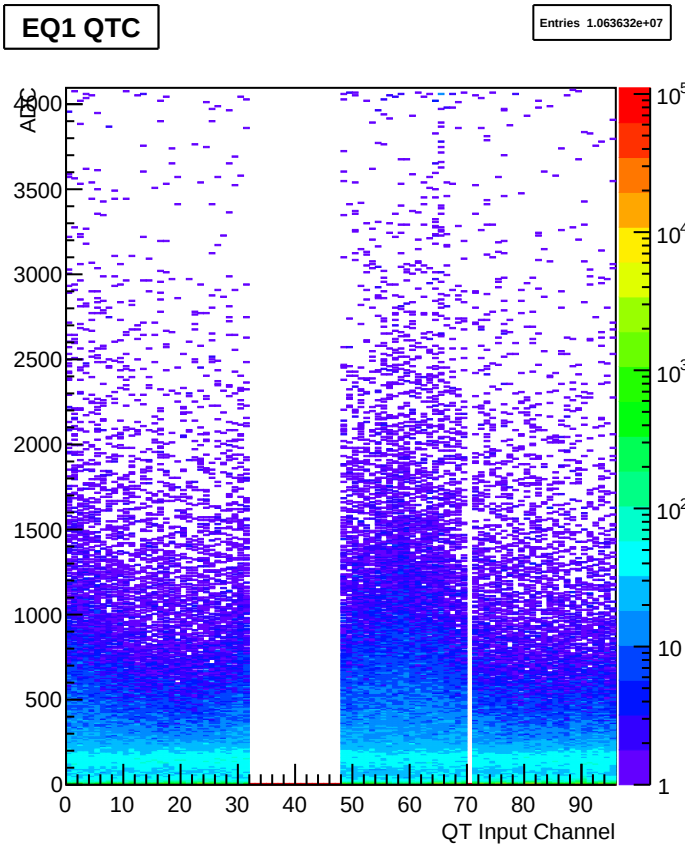

BBQ-VP001 East
Entries 1772720
TADC
QT Input Channel

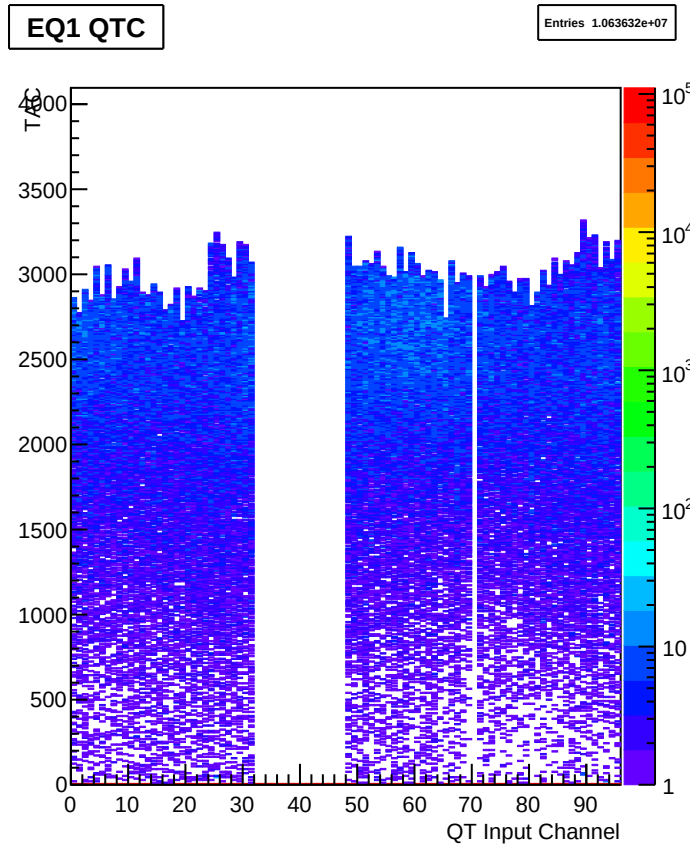

BBQ-VP002 West
Entries 1772720
ADC
QT Input Channel

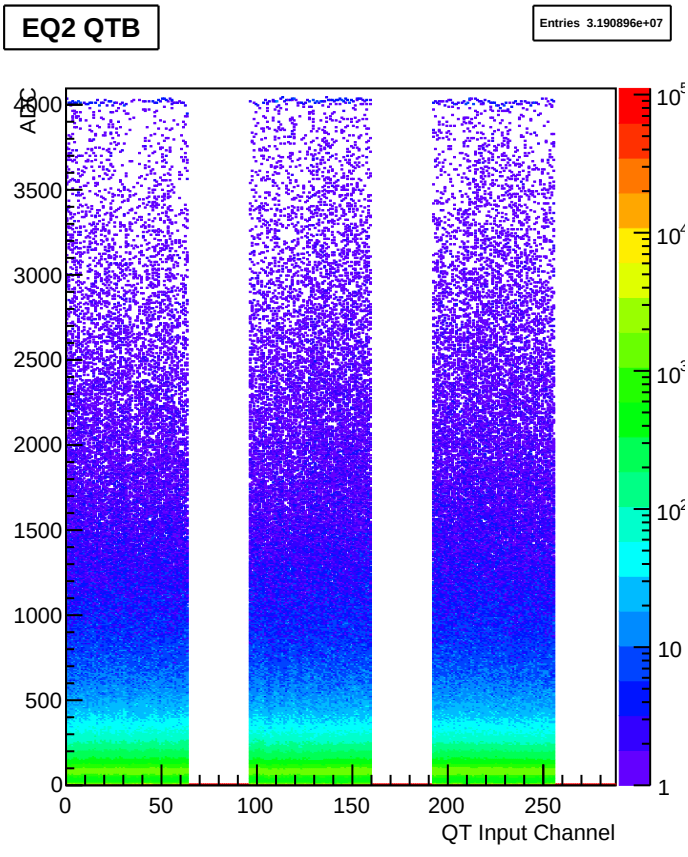

BBQ-VP002 West
Entries 1772720
TADC
QT Input Channel

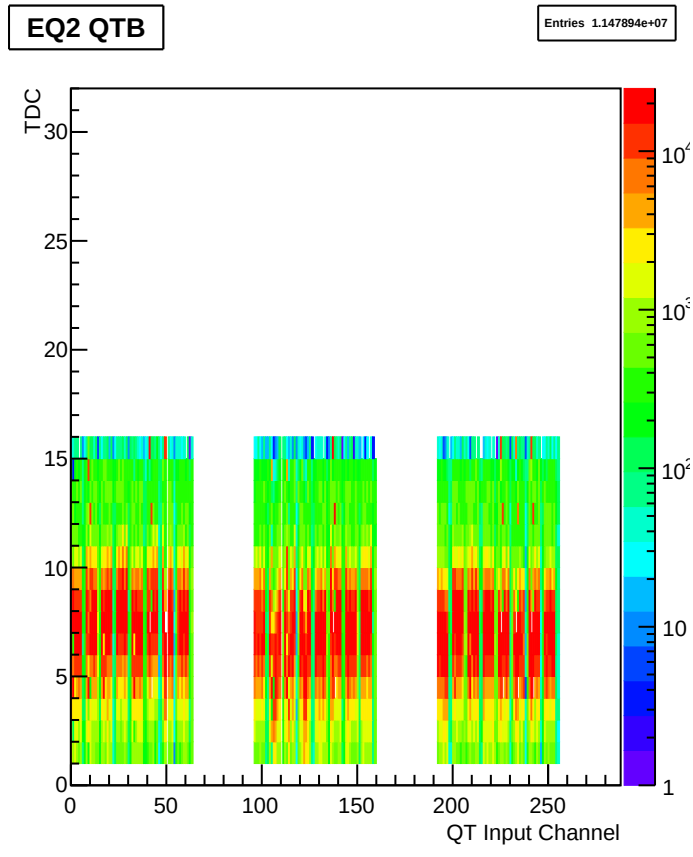

EQ1 QTB
Entries 3.190896e+07
ADC
QT Input Channel

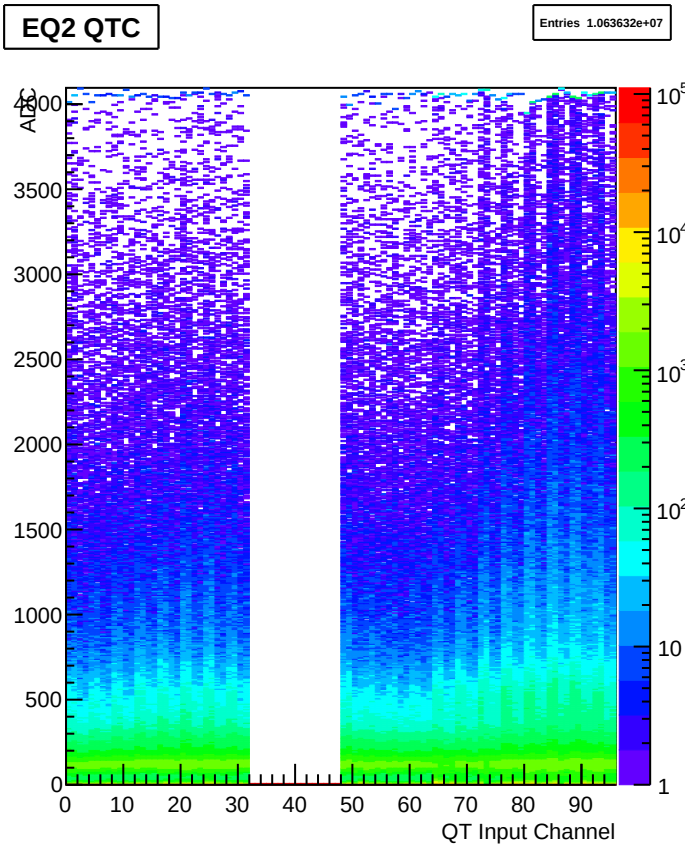

EQ1 QTB
Entries 5216171
TDC
QT Input Channel

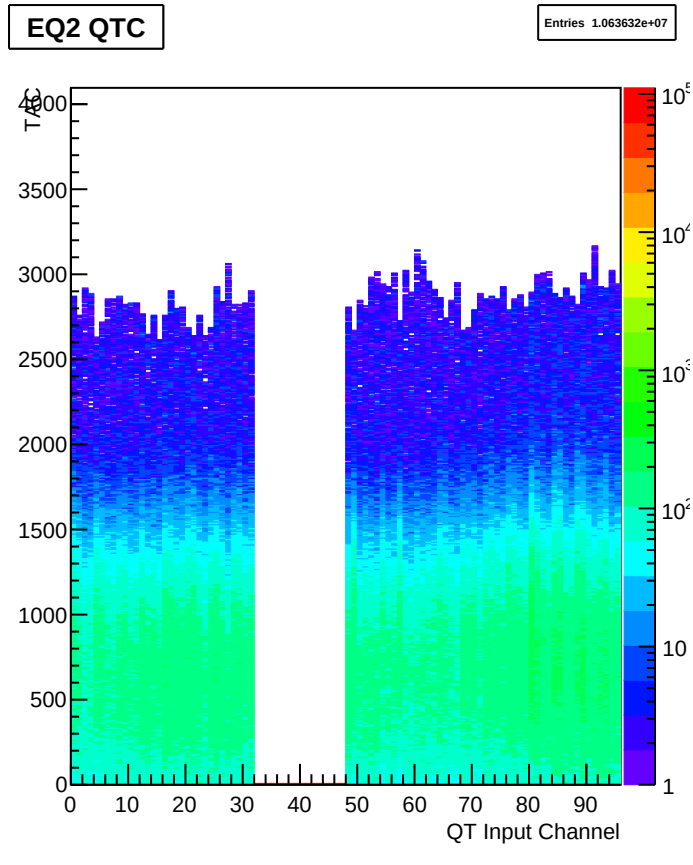

EQ1 QTC
Entries 1.063632e+07
ADC
QT Input Channel

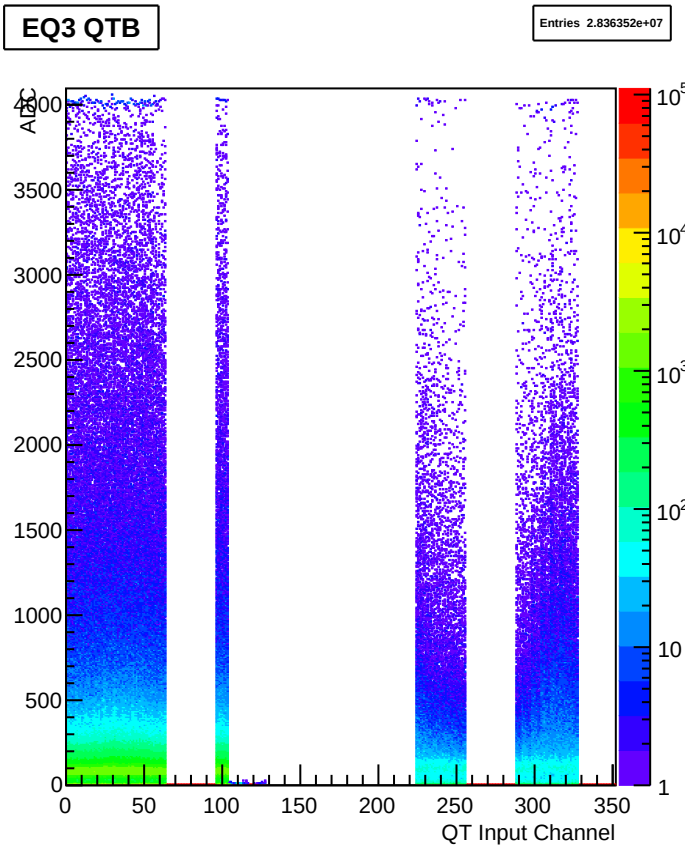

EQ1 QTC
Entries 1.063632e+07
TADC
QT Input Channel

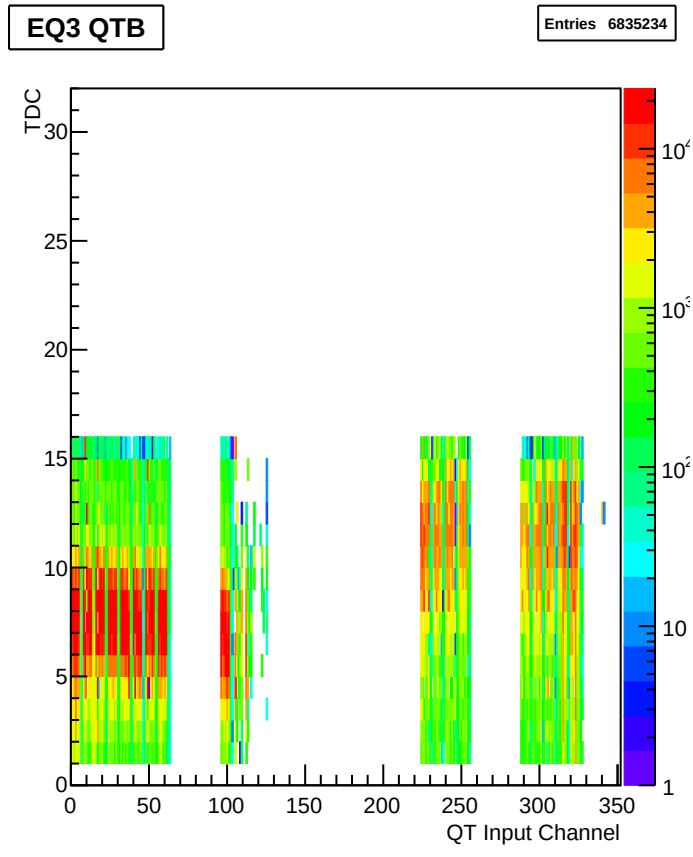

EQ2 QTB
Entries 3.190896e+07
ADC
QT Input Channel

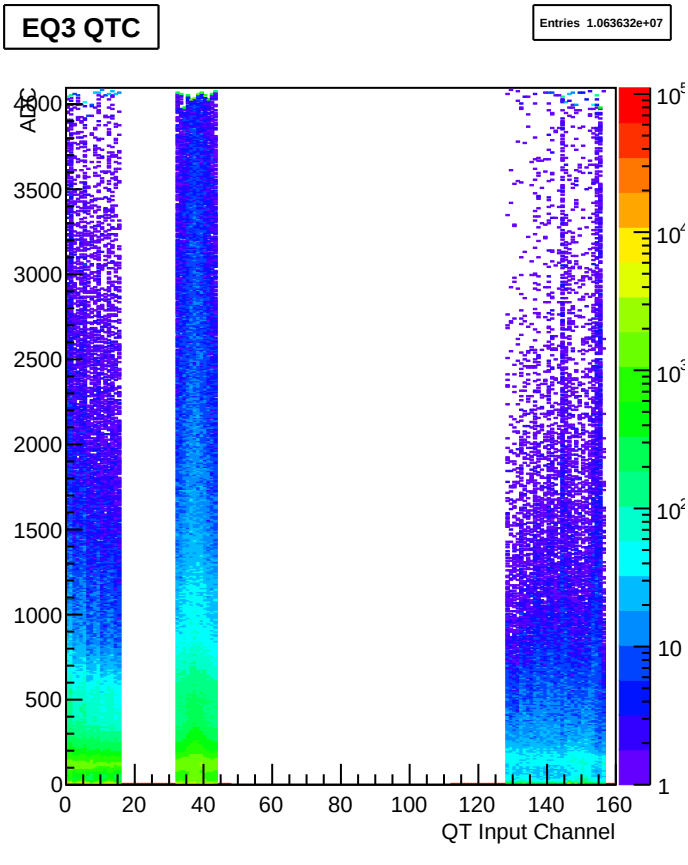

EQ2 QTB
Entries 1.147894e+07
TDC
QT Input Channel

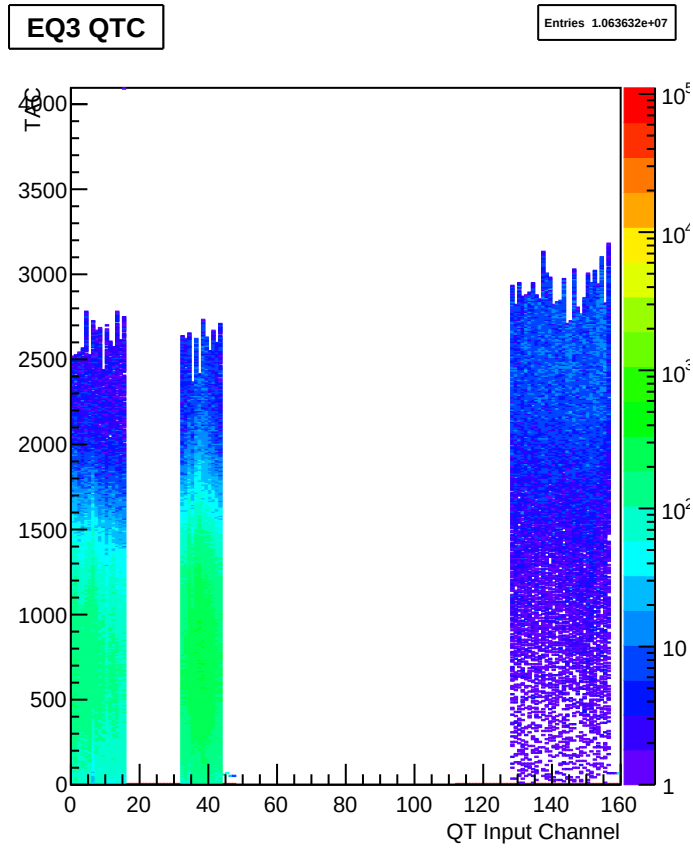

EQ2 QTC
Entries 1.063632e+07
ADC
QT Input Channel

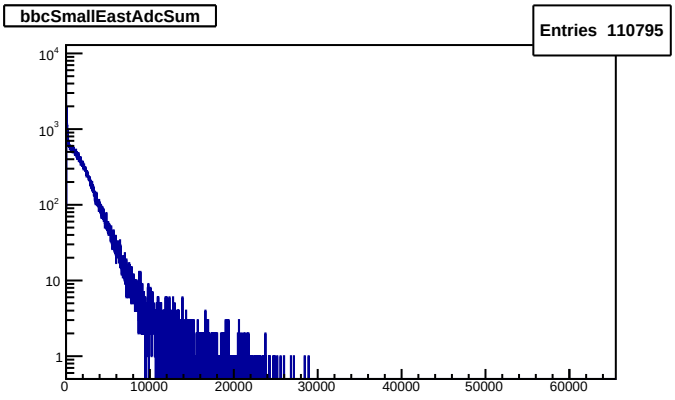

EQ2 QTC
Entries 1.063632e+07
TADC
QT Input Channel

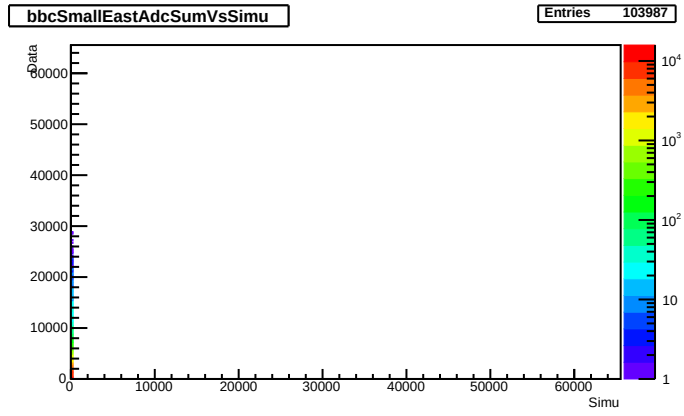

EQ3 QTB
Entries 2.836352e+07
ADC
QT Input Channel

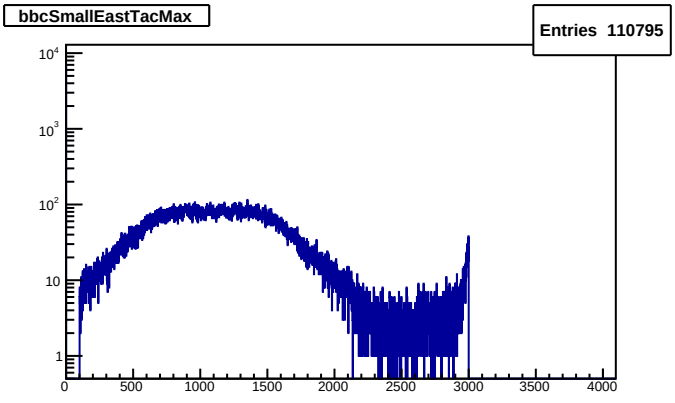

EQ3 QTB
Entries 6835234
TDC
QT Input Channel

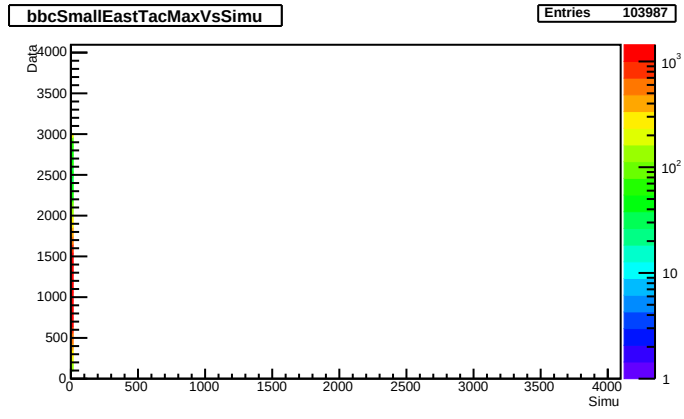

EQ3 QTC
Entries 1.063632e+07
ADC
QT Input Channel

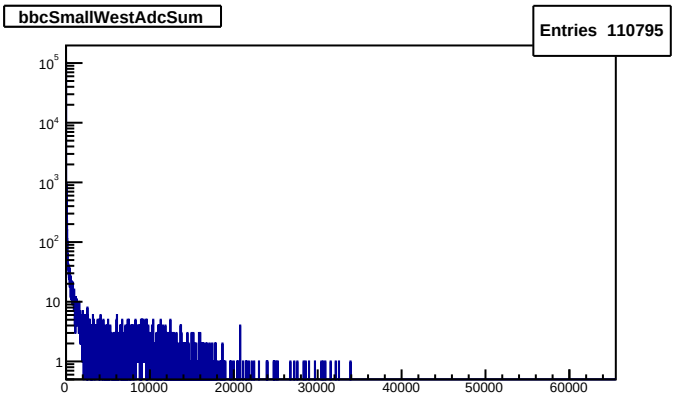

EQ3 QTC
Entries 1.063632e+07
TADC
QT Input Channel

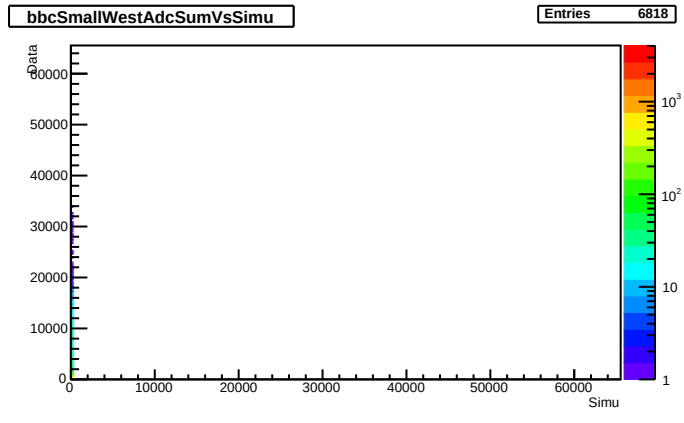

bbcSmallEastAdcSum
Entries 110795

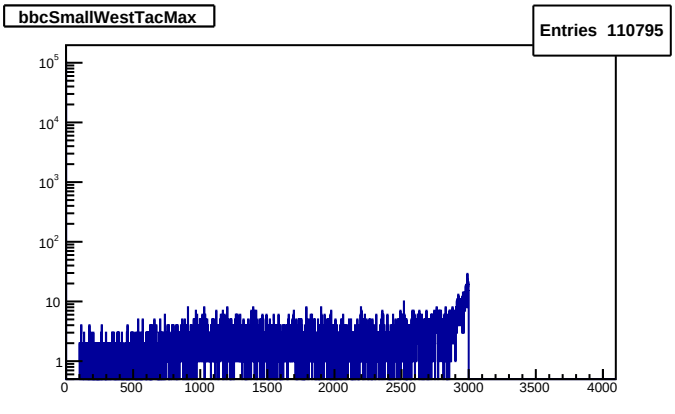

bbcSmallEastAdcSumVsSimu
Entries 103987
Data
Simu

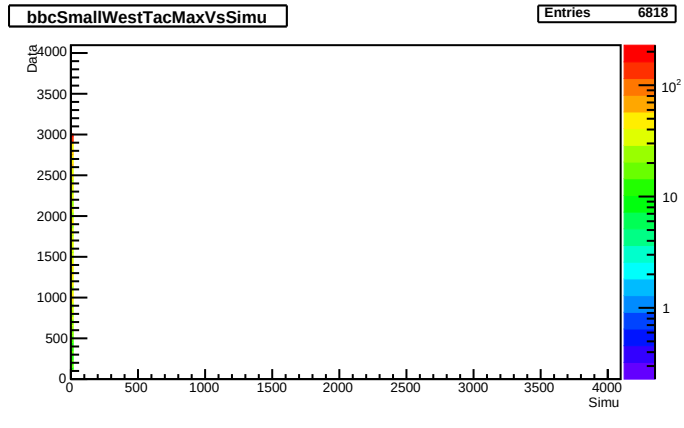

bbcSmallEastTacMax
Entries 110795

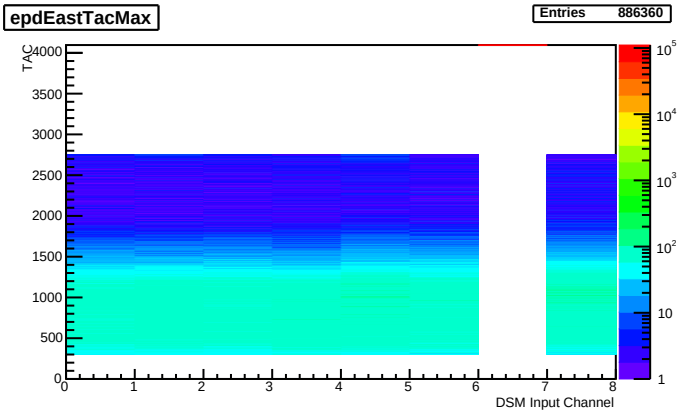

bbcSmallEastTacMaxVsSimu
Entries 103987
Data
Simu

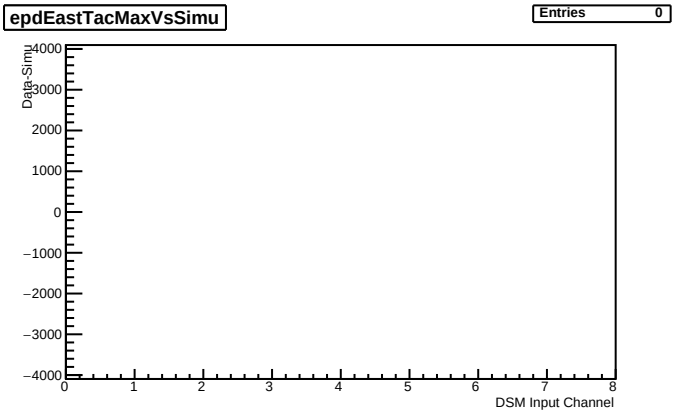

bbcSmallWestAdcSum
Entries 110795

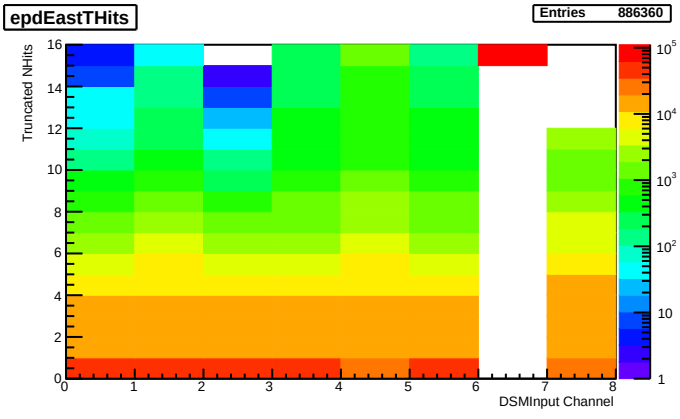

bbcSmallWestAdcSumVsSimu
Entries 6818
Data
Simu

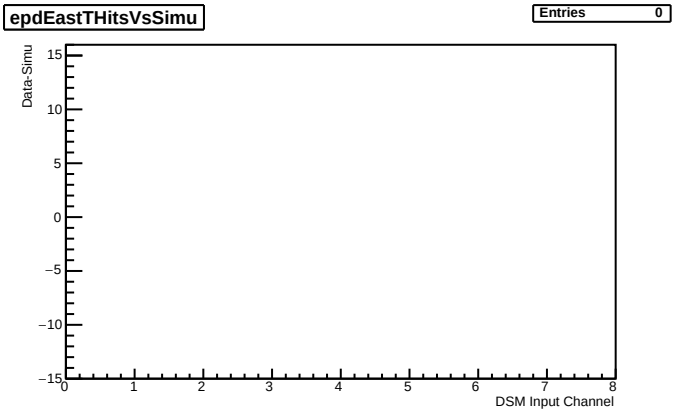

bbcSmallWestTacMax
Entries 110795

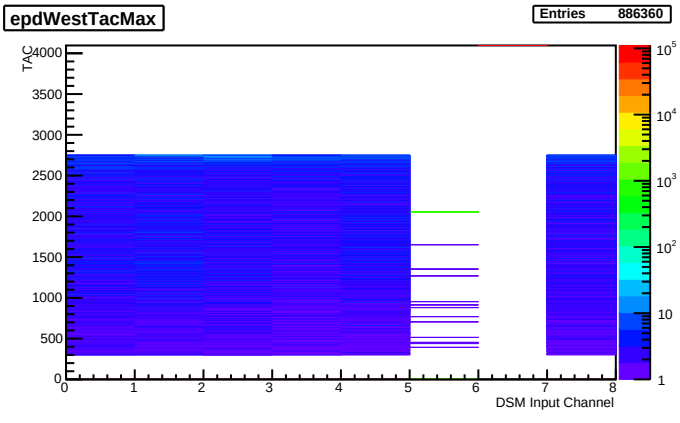

bbcSmallWestTacMaxVsSimu
Entries 6818
Data
Simu

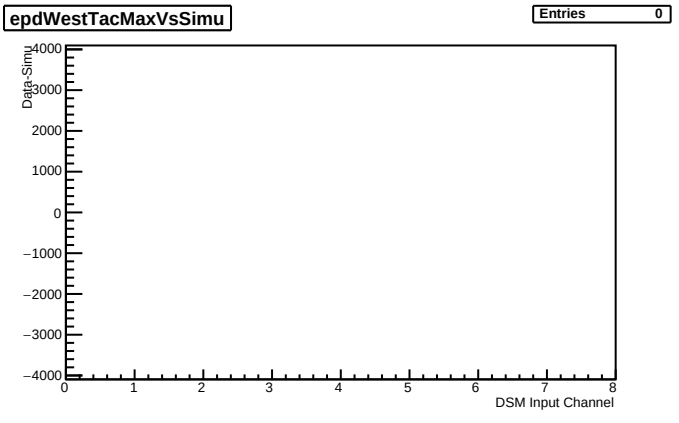

epdEastTacMax
Entries 886360
TAC
DSM Input Channel

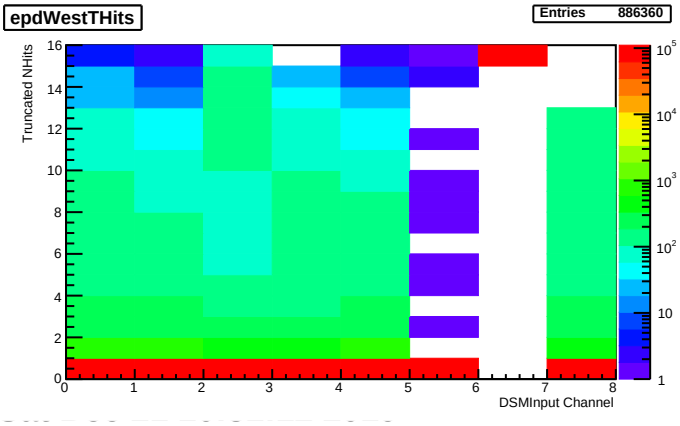

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

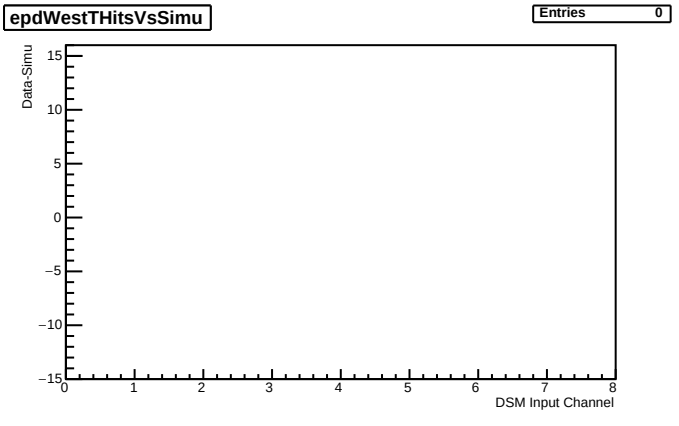

epdEastTHits
Entries 886360
Truncated NHits
DSMInput Channel

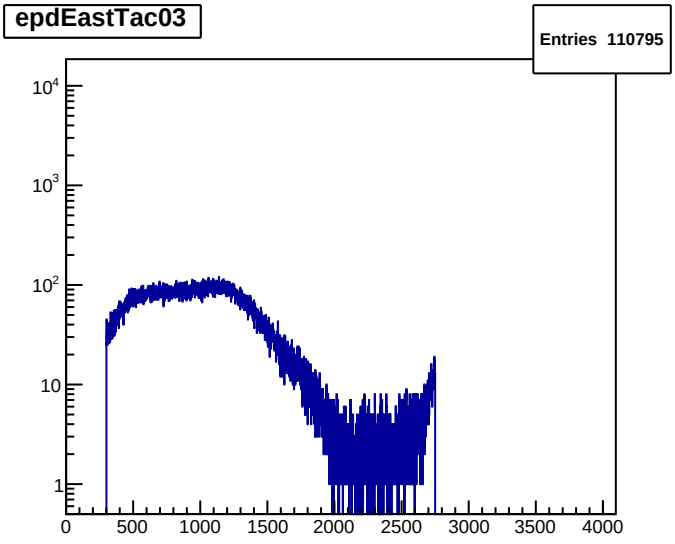

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

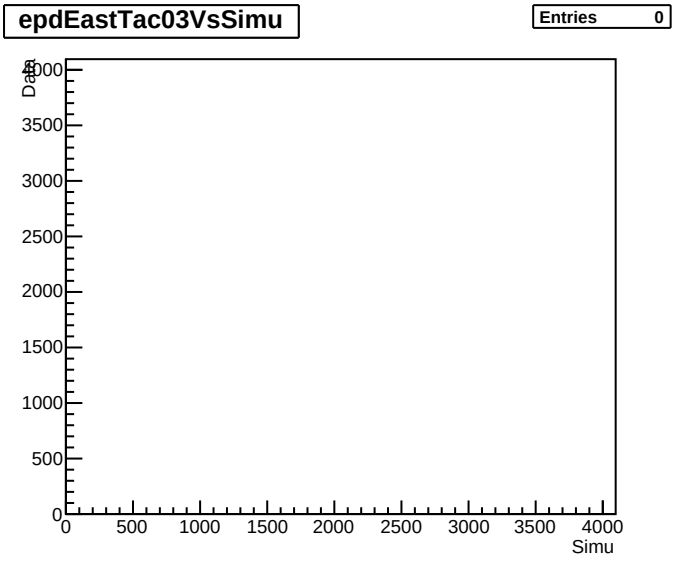

epdWestTacMax
Entries 886360
TAC
DSM Input Channel

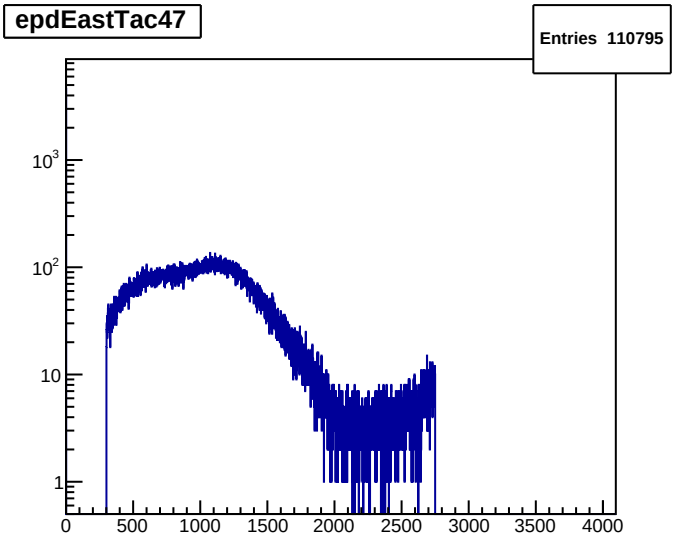

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

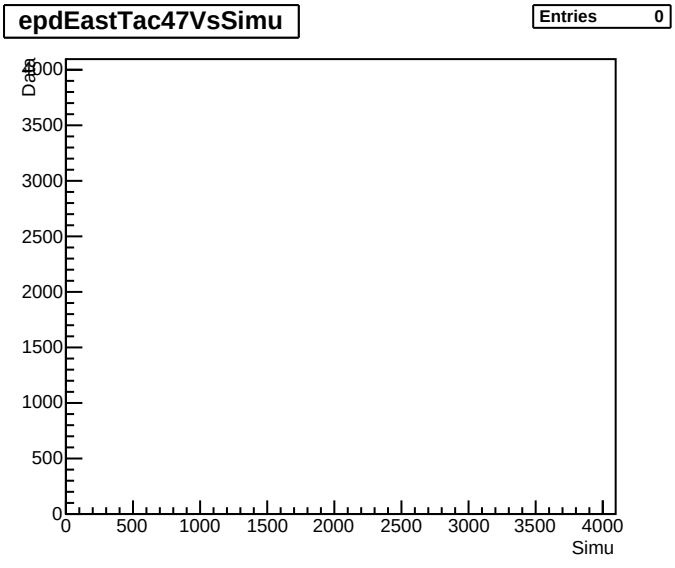

epdWestTHits
Entries 886360
Truncated NHits
DSMInput Channel

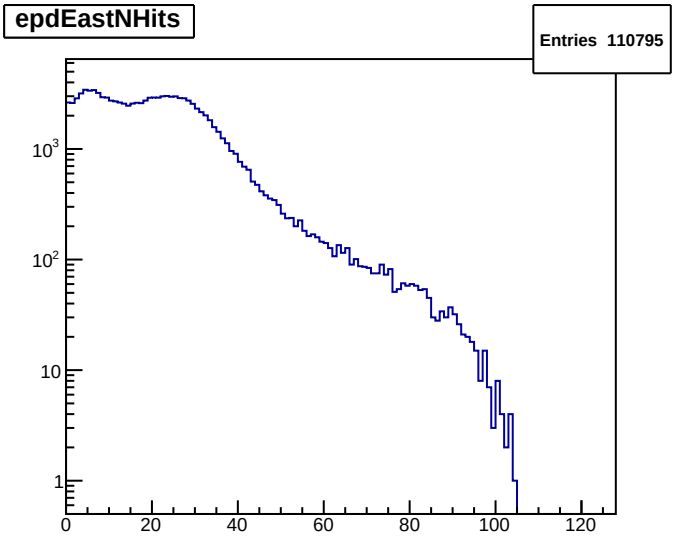

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

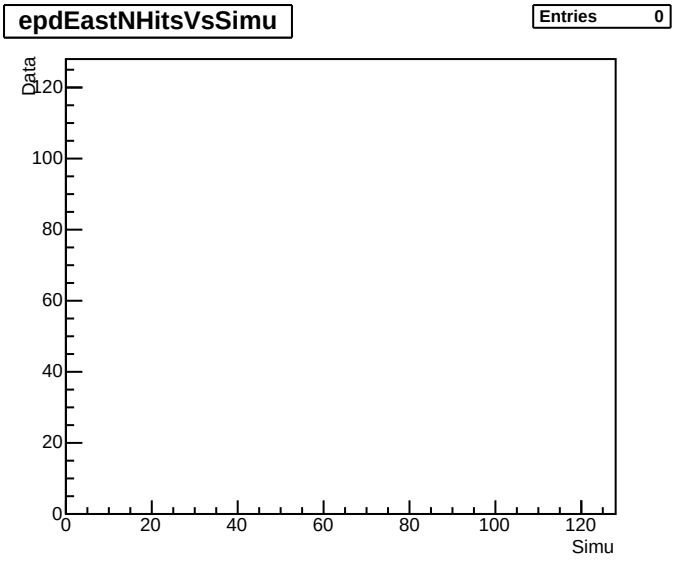

epdEastTac03
Entries 110795

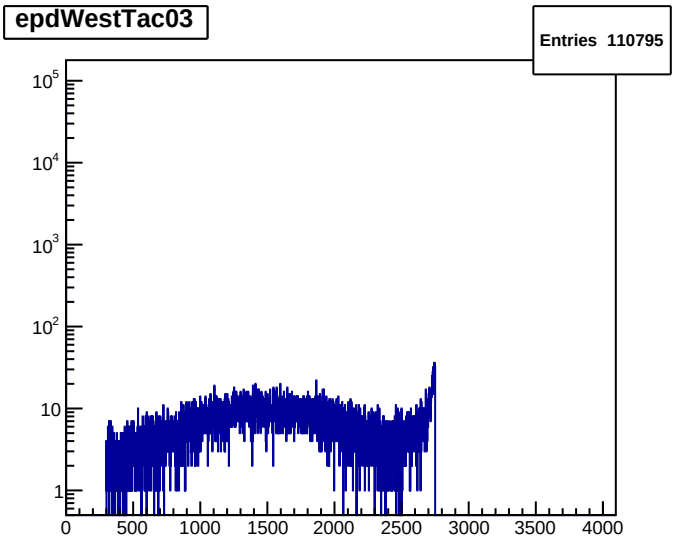

epdEastTac03VsSimu
Entries 0
Data
Simu

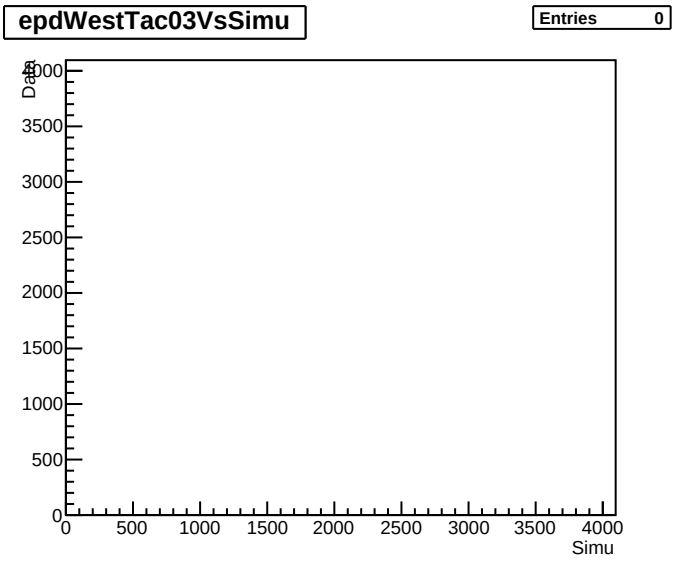

epdEastTac47
Entries 110795

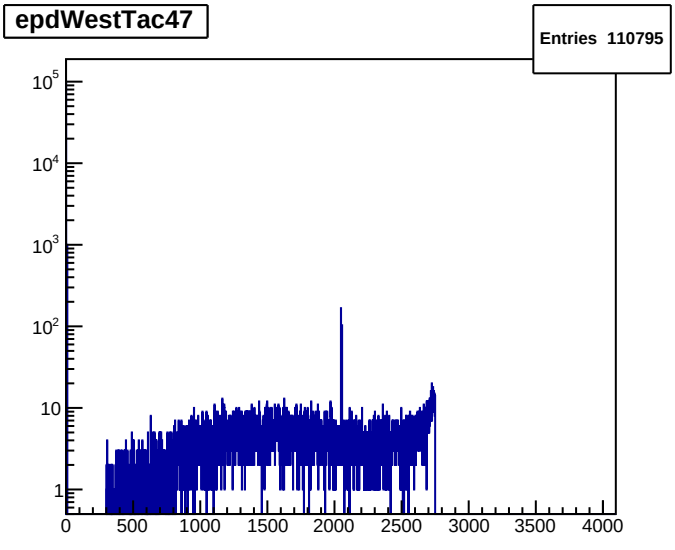

epdEastTac47VsSimu
Entries 0
Data
Simu

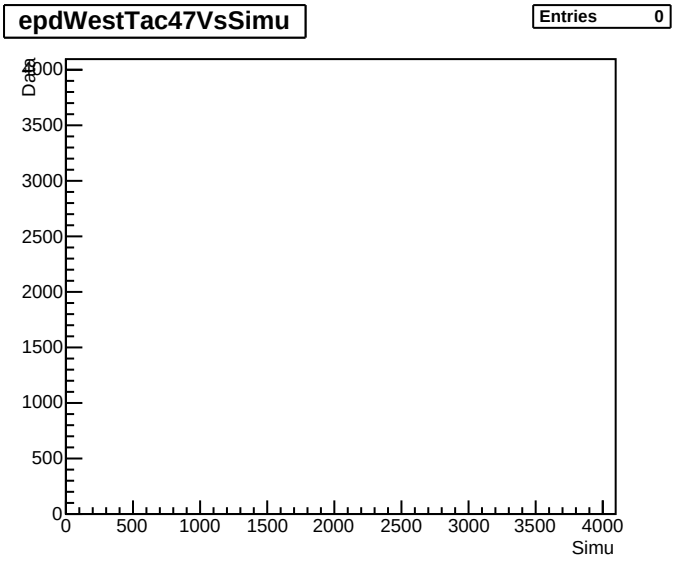

epdEastNHits
Entries 110795

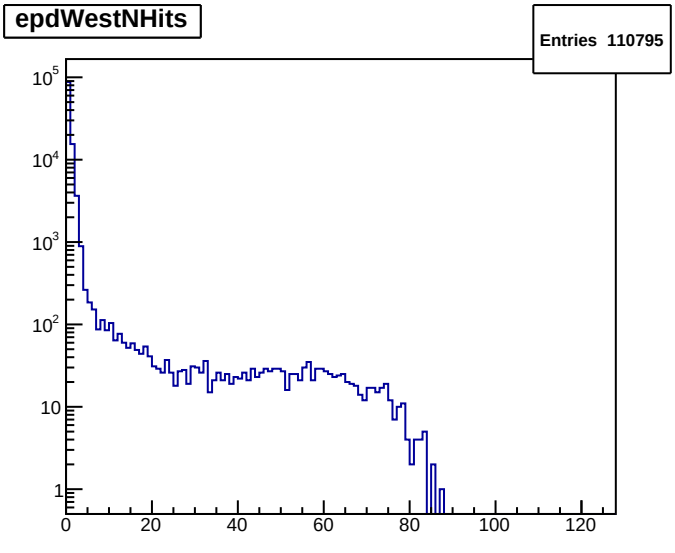

epdEastNHitsVsSimu
Entries 0
Data
Simu

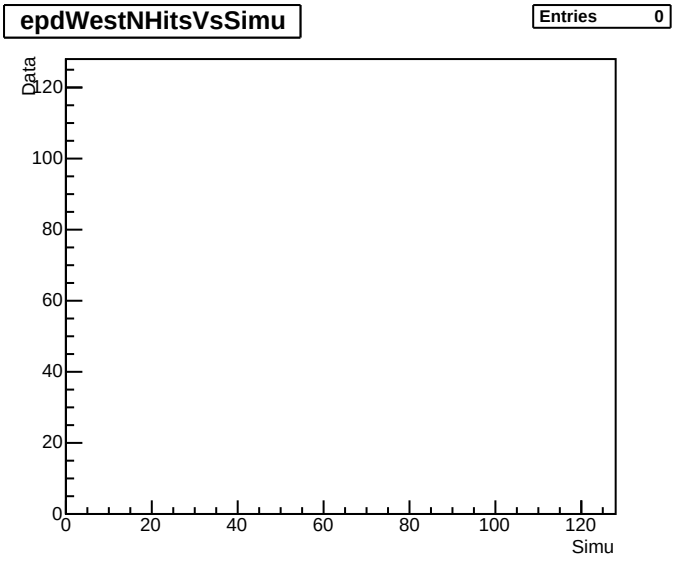

epdWestTac03
Entries 110795

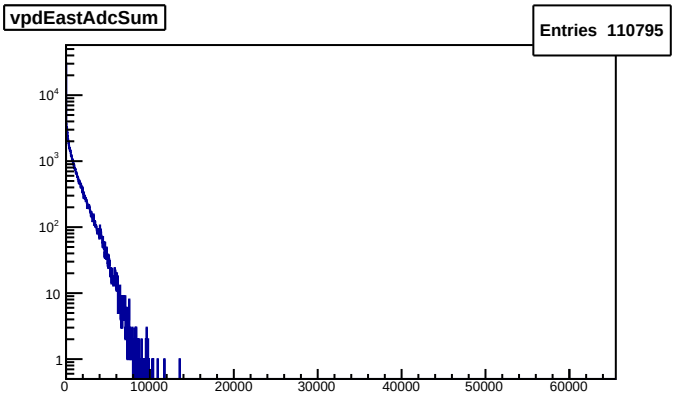

epdWestTac03VsSimu
Entries 0
Data
Simu

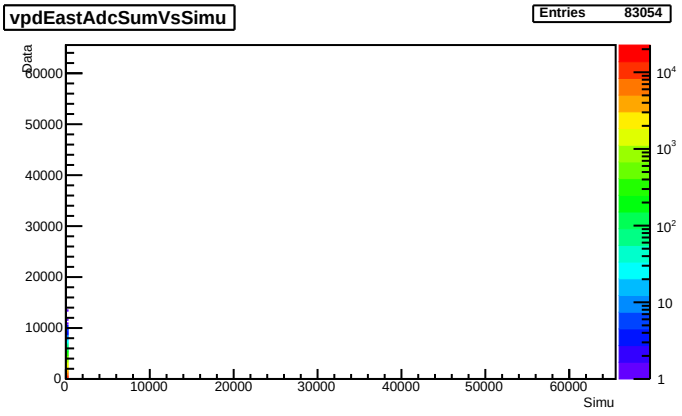

epdWestTac47
Entries 110795

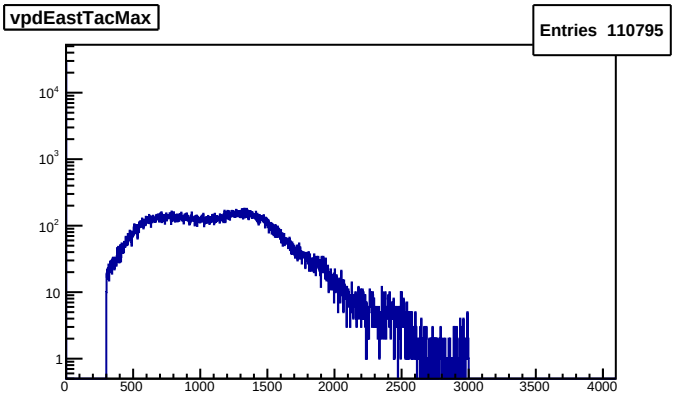

epdWestTac47VsSimu
Entries 0
Data
Simu

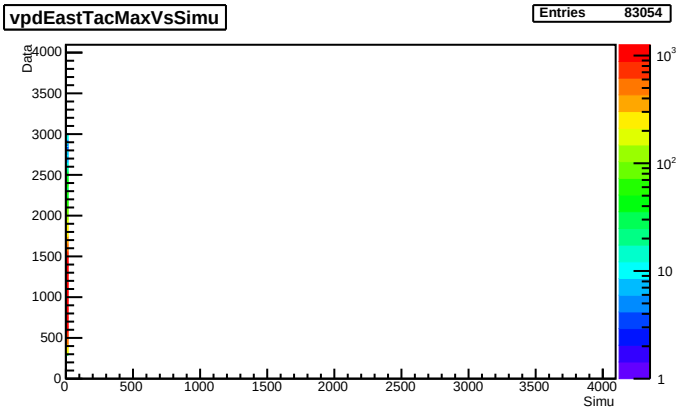

epdWestNHits
Entries 110795

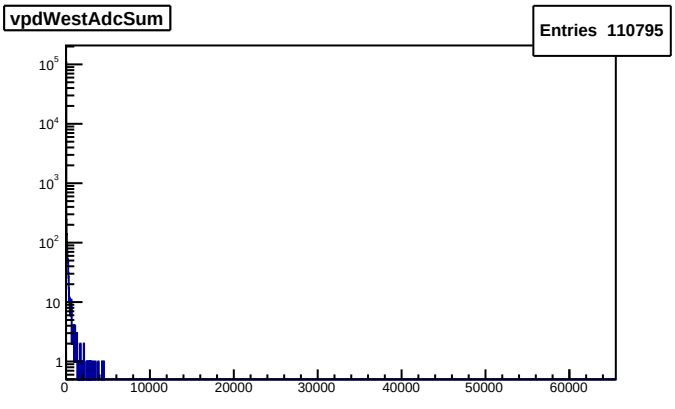

epdWestNHitsVsSimu
Entries 0
Data
Simu

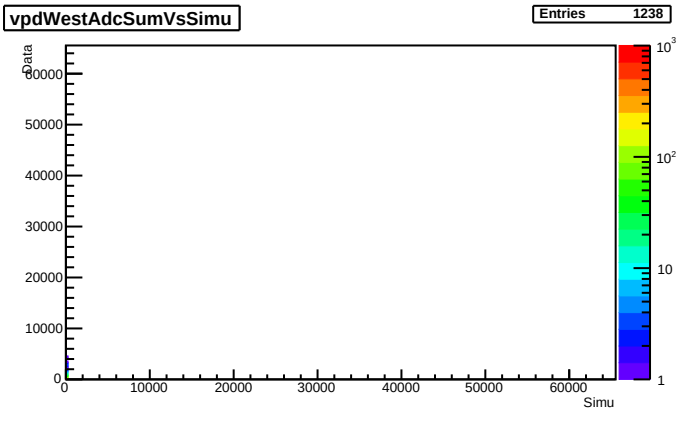

vpdEastAdcSum
Entries 110795

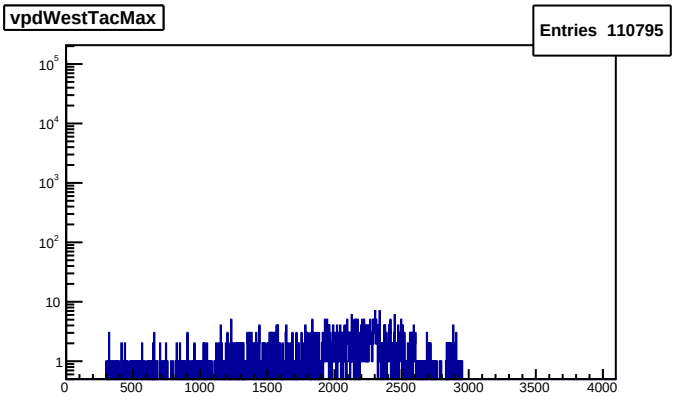

vpdEastAdcSumVsSimu
Entries 83054
Data
Simu

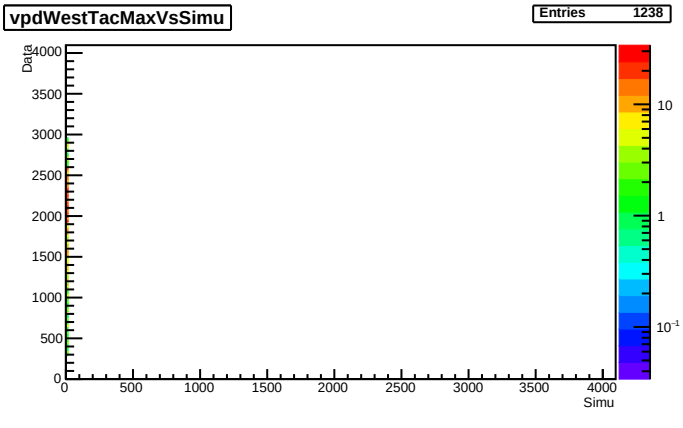

vpdEastTacMax
Entries 110795

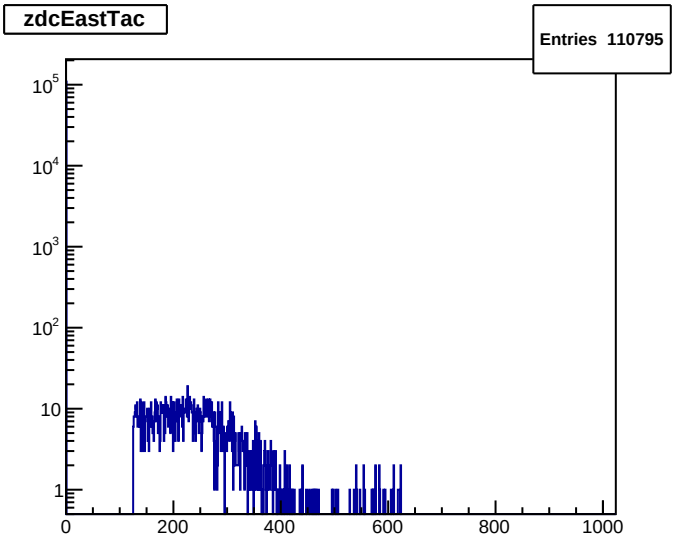

vpdEastTacMaxVsSimu
Entries 83054
Data
Simu

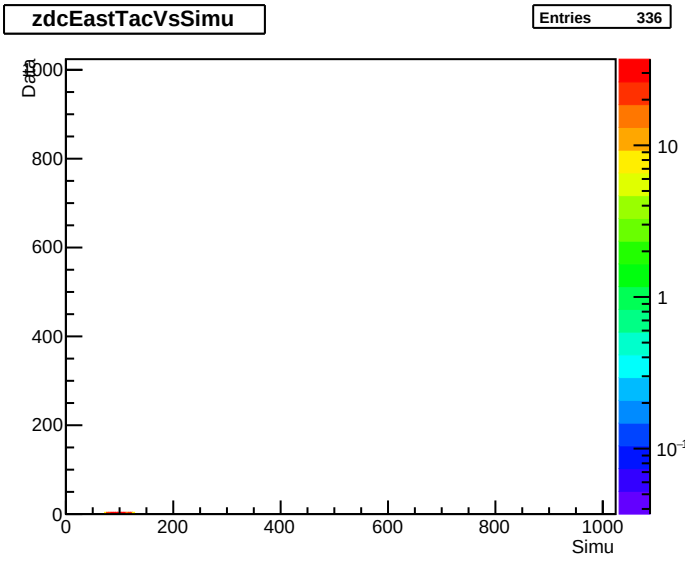

vpdWestAdcSum
Entries 110795

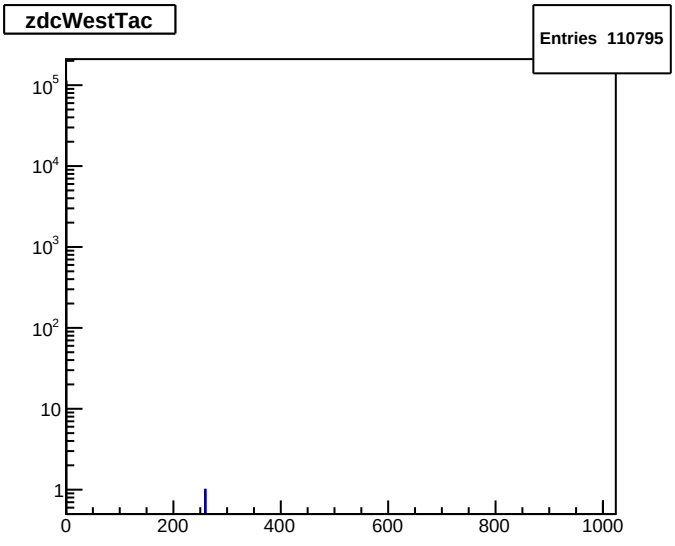

vpdWestAdcSumVsSimu
Entries 1238
Data
Simu

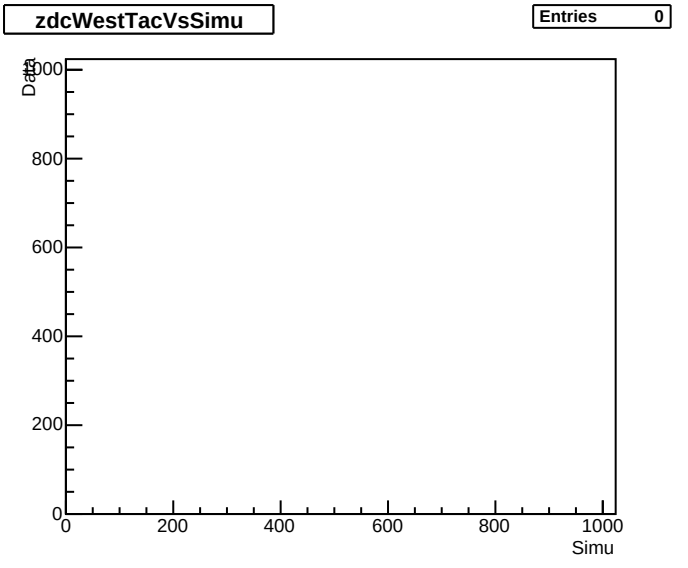

vpdWestTacMax
Entries 110795

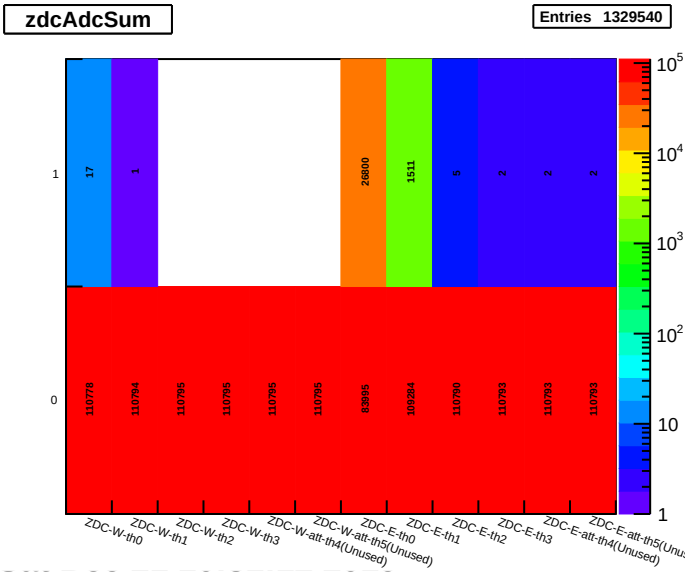

vpdWestTacMaxVsSimu
Entries 1238
Data
Simu

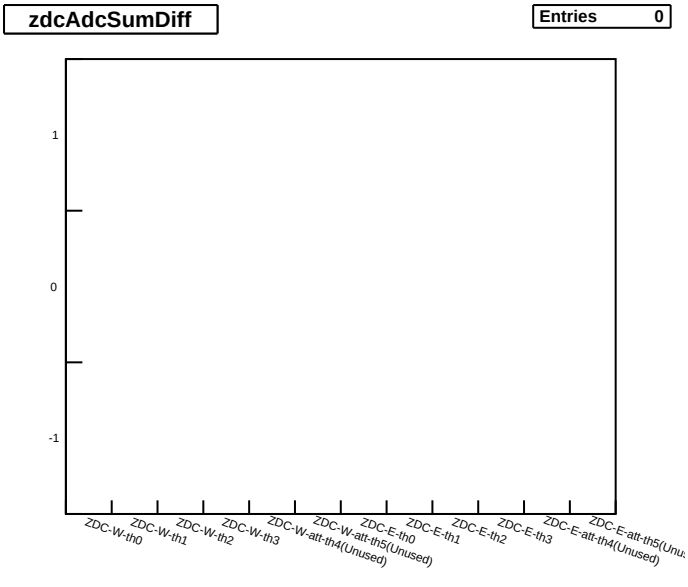

zdcEastTac
Entries 110795

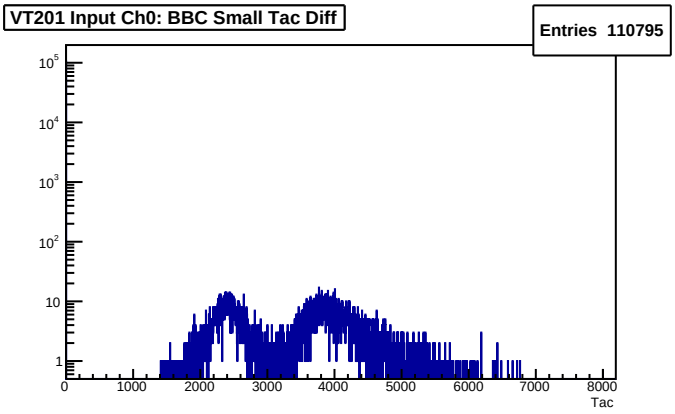

zdcEastTacVsSimu
Entries 336
Data
Simu

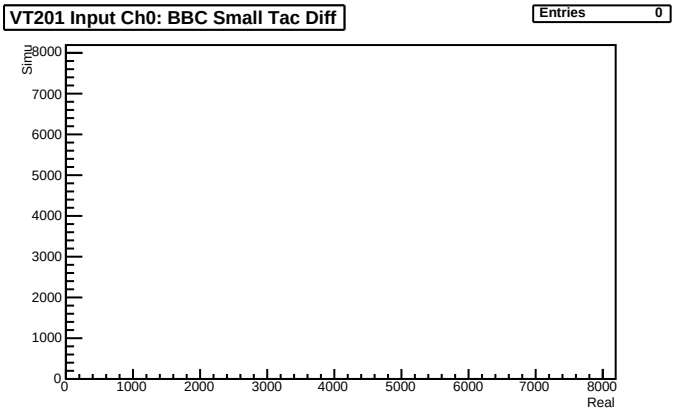

zdcWestTac
Entries 110795

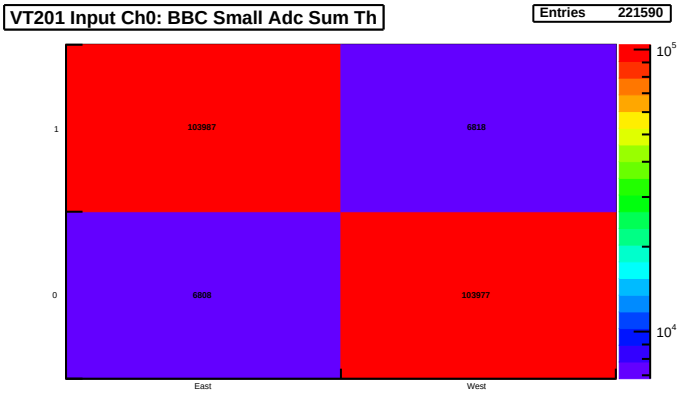

zdcWestTacVsSimu
Entries 0
Data
Simu

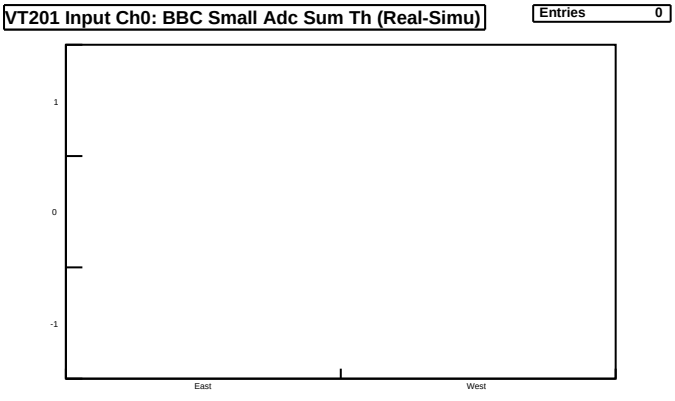

zdcAdcSum
Entries 1329540
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

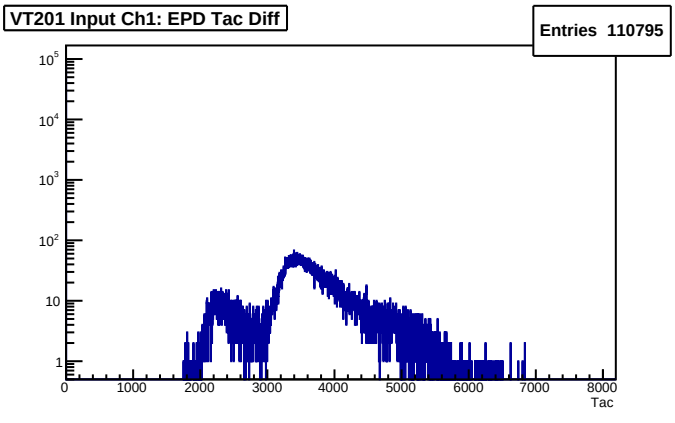

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

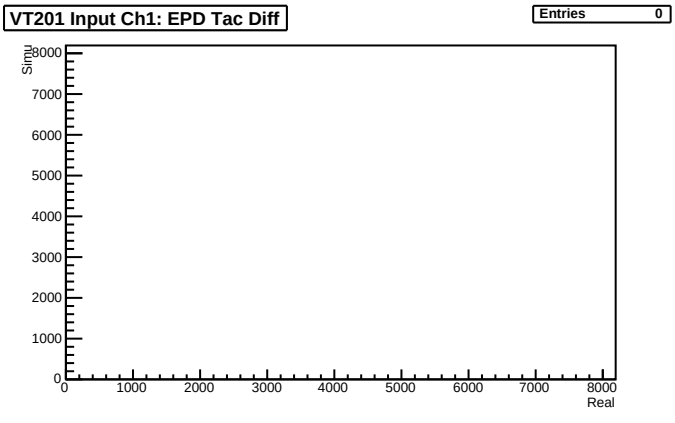

VT201 Input Ch0: BBC Small Tac Diff
Entries 110795
Tac

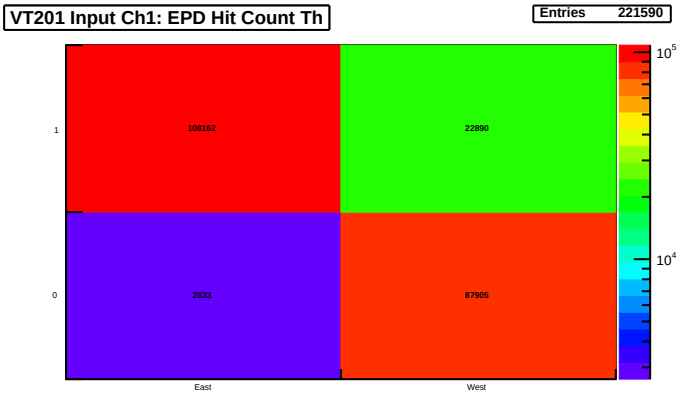

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

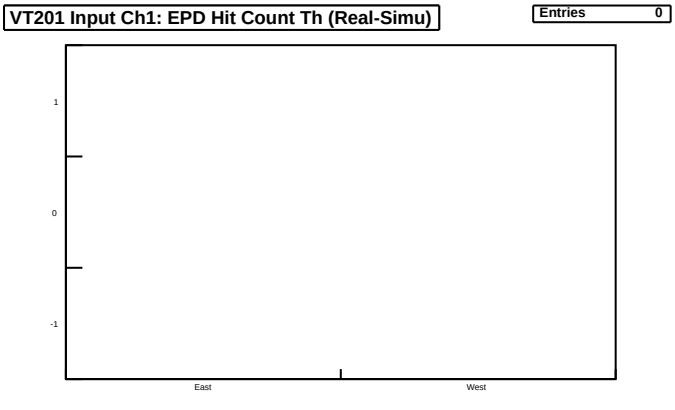

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 221590
103987
6818
6808
103977
East
West

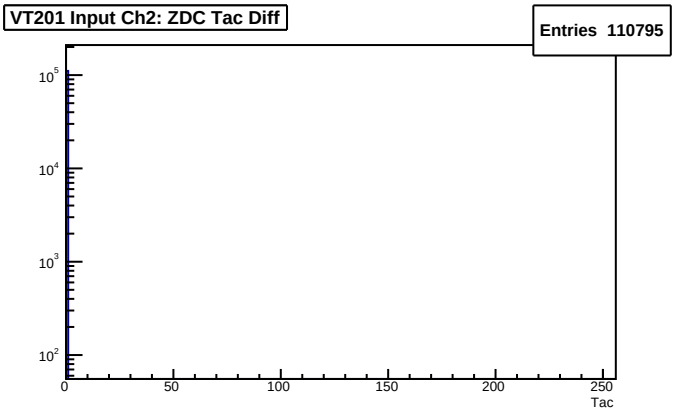

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

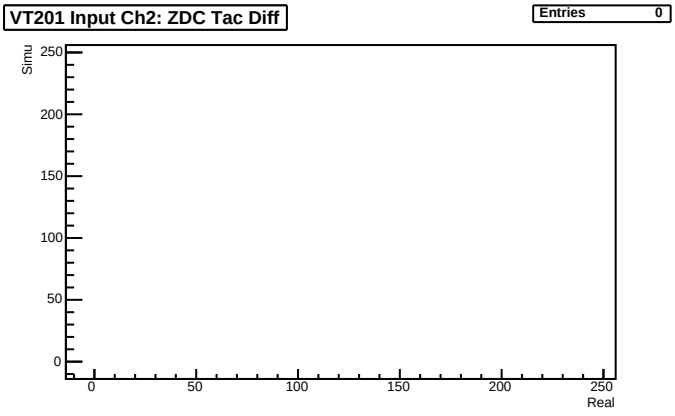

VT201 Input Ch1: EPD Tac Diff
Entries 110795
Tac

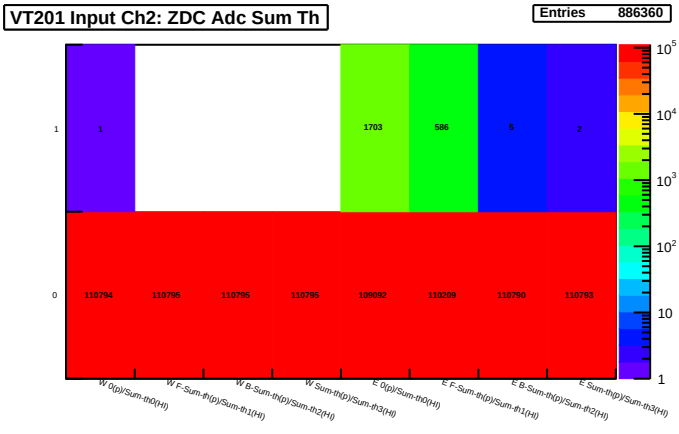

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

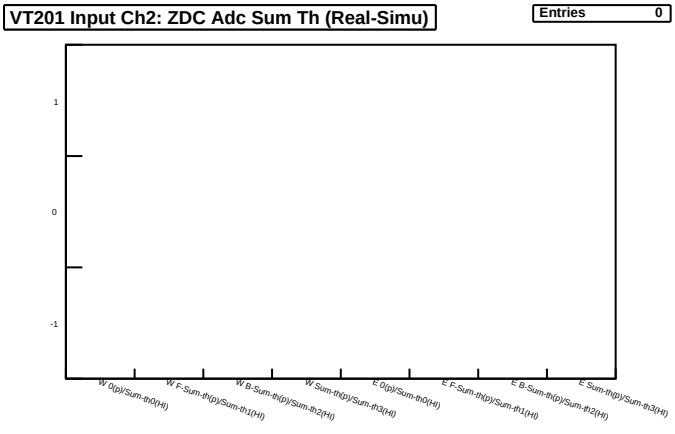

VT201 Input Ch1: EPD Hit Count Th
Entries 221590
108162
22890
2633
87905
East
West

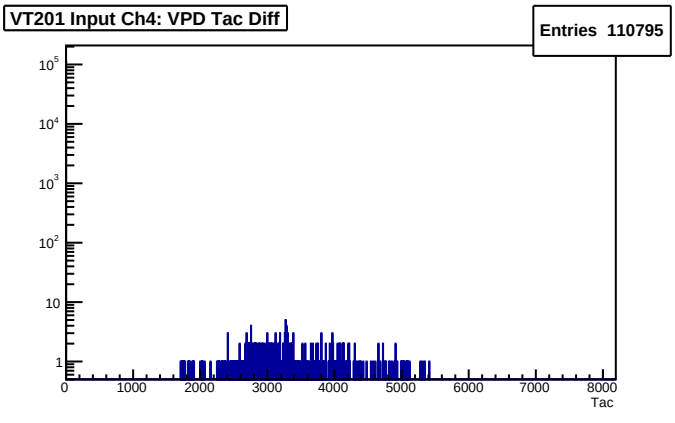

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

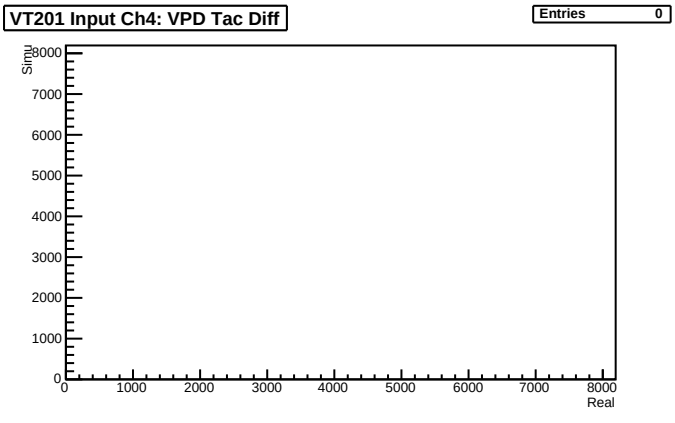

VT201 Input Ch2: ZDC Tac Diff
Entries 110795
Tac

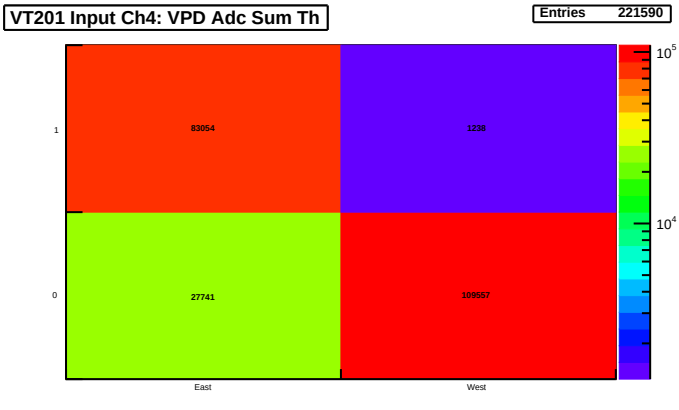

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

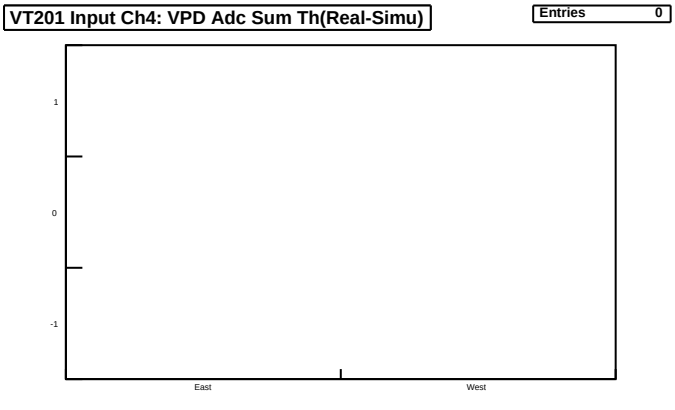

VT201 Input Ch2: ZDC Adc Sum Th
Entries 886360
1
1703
586
5
2
110794
110795
110795
110795
109092
110209
110790
110793
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

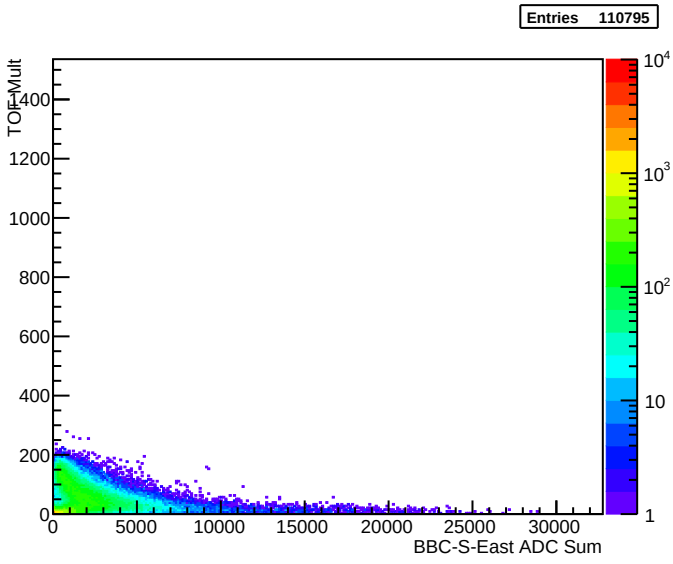

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

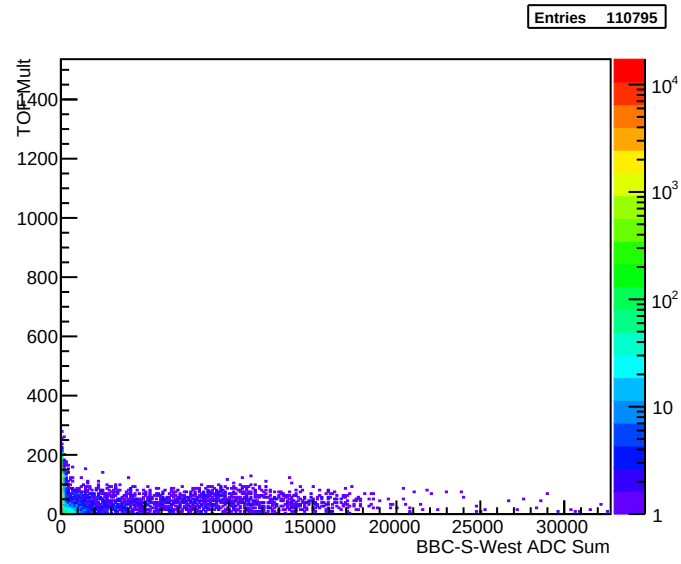

VT201 Input Ch4: VPD Tac Diff
Entries 110795
Tac

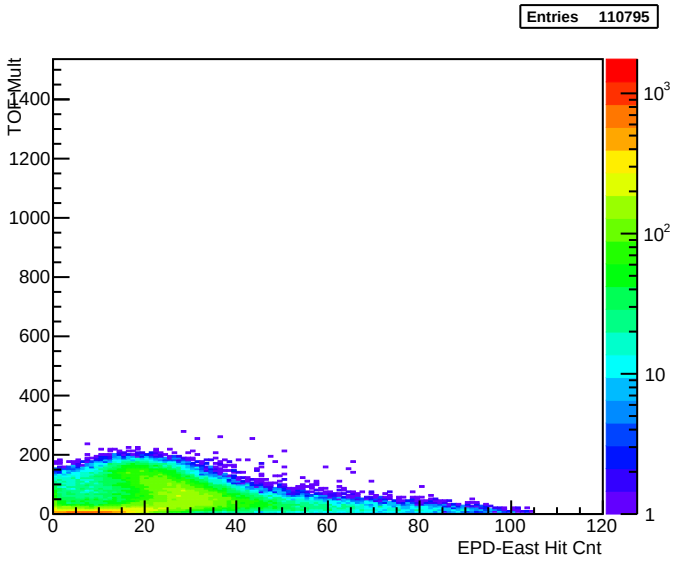

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

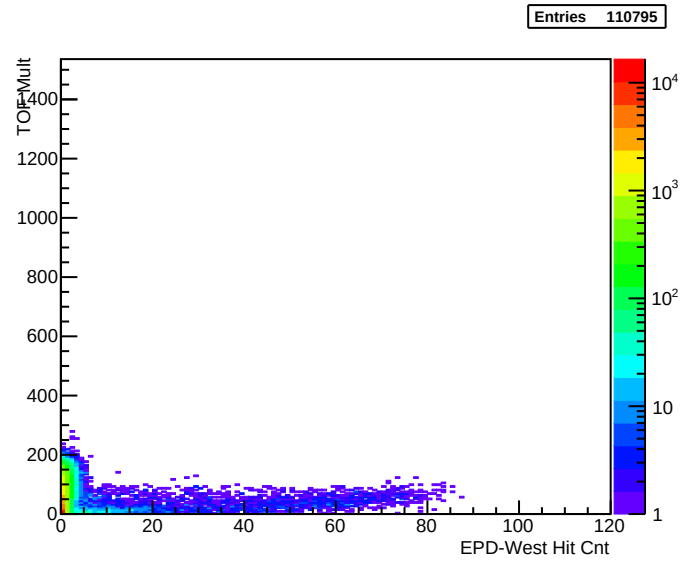

VT201 Input Ch4: VPD Adc Sum Th
Entries 221590
83054
1238
27741
109557
East
West

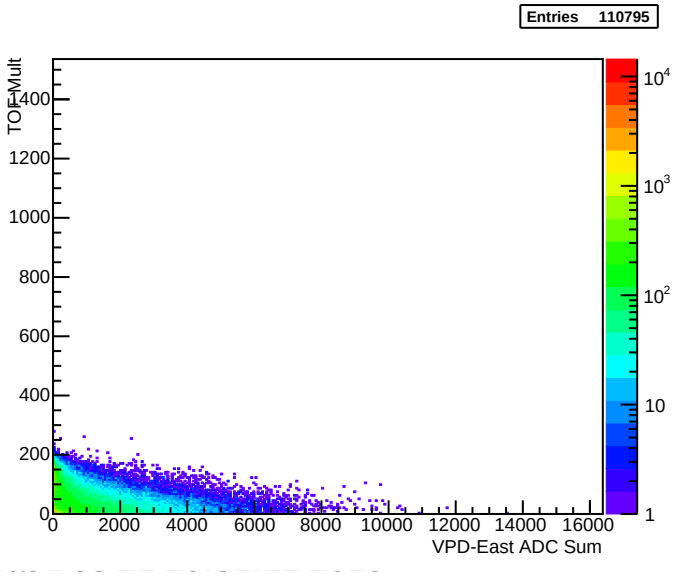

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

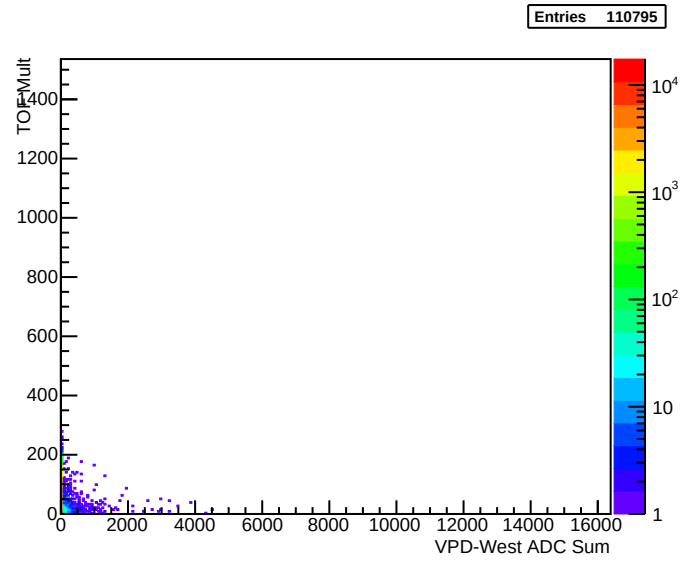

Entries 110795
TOF-Mult
BBC-S-East ADC Sum

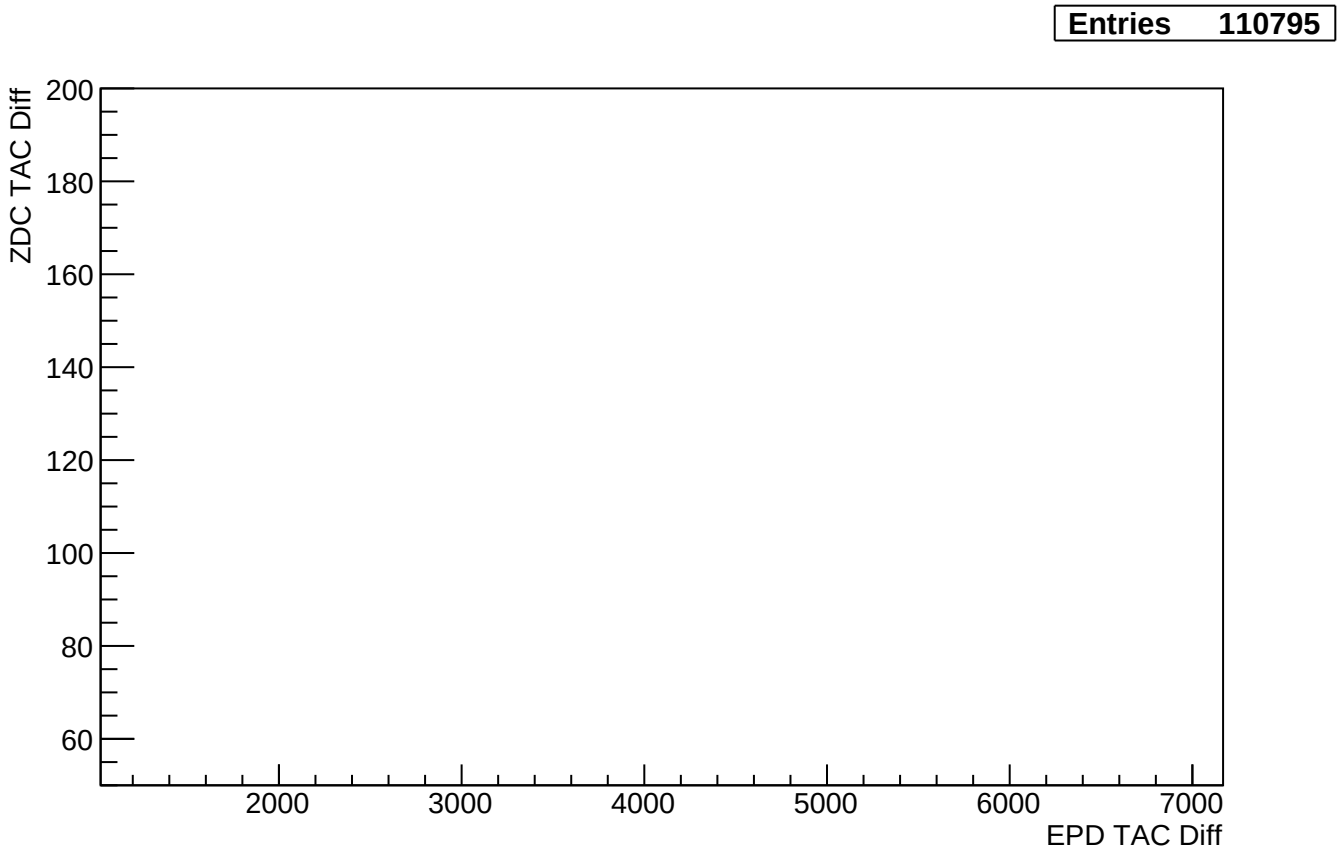

Entries 110795
TOF-Mult
BBC-S-West ADC Sum

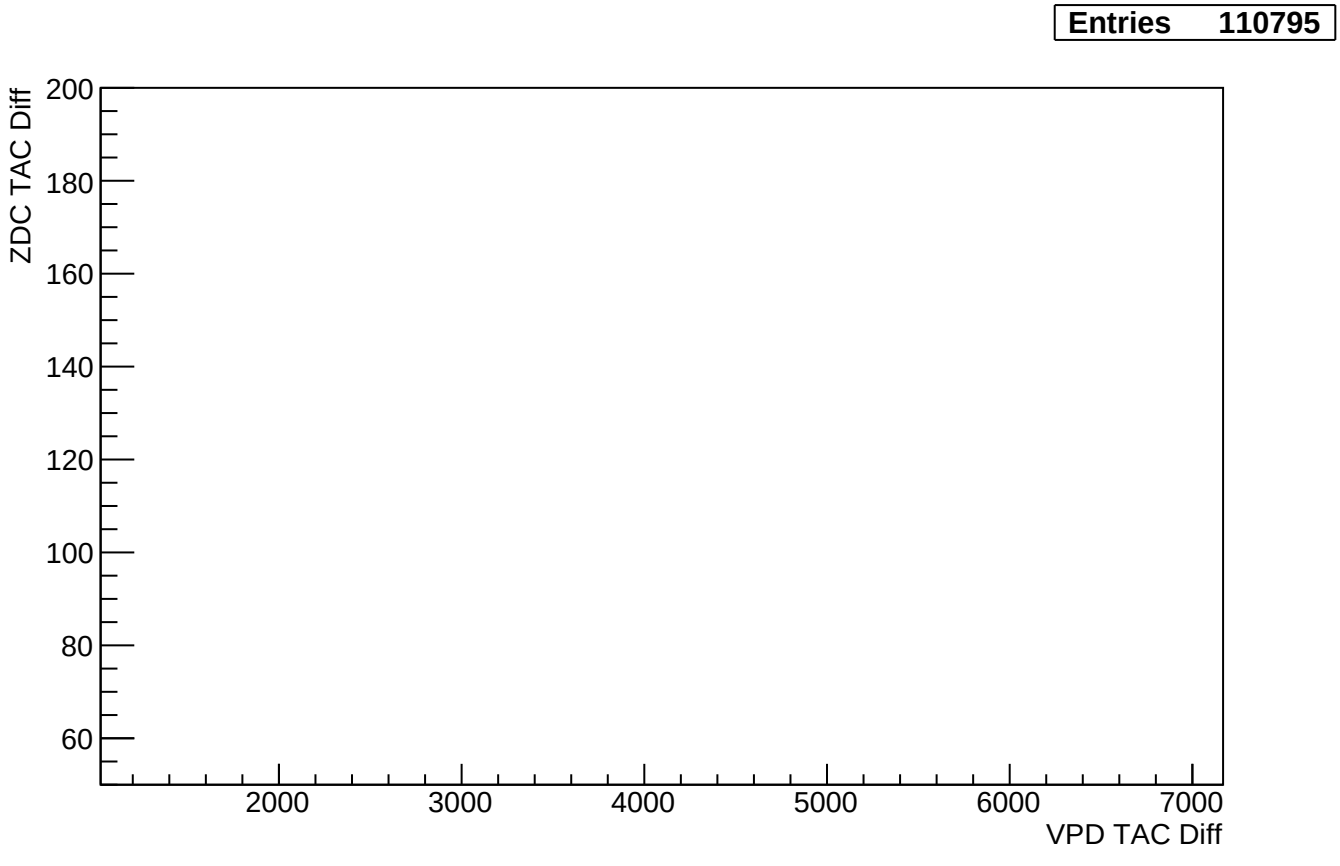

Entries 110795
TOF-Mult
EPD-East Hit Cnt

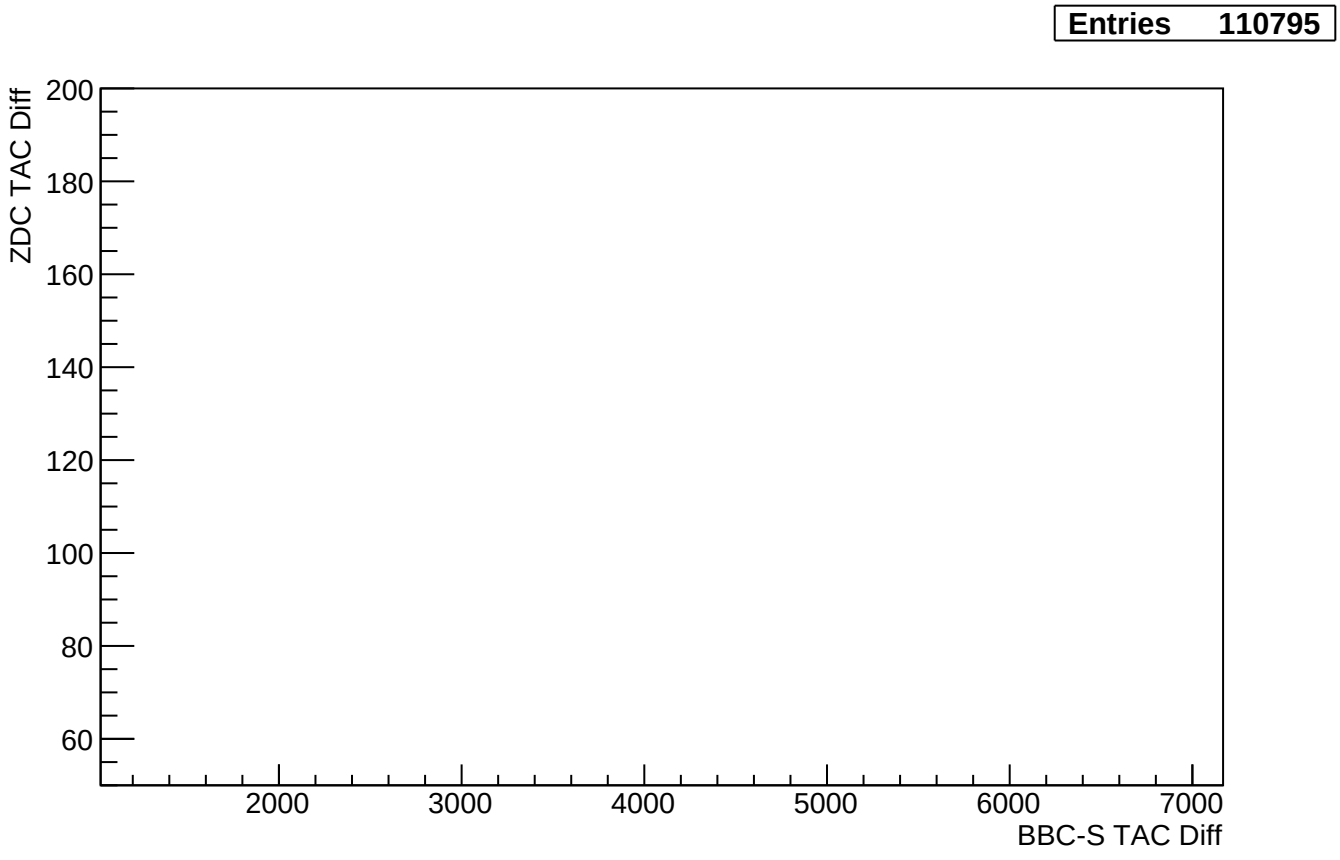

Entries 110795
TOF-Mult
EPD-West Hit Cnt

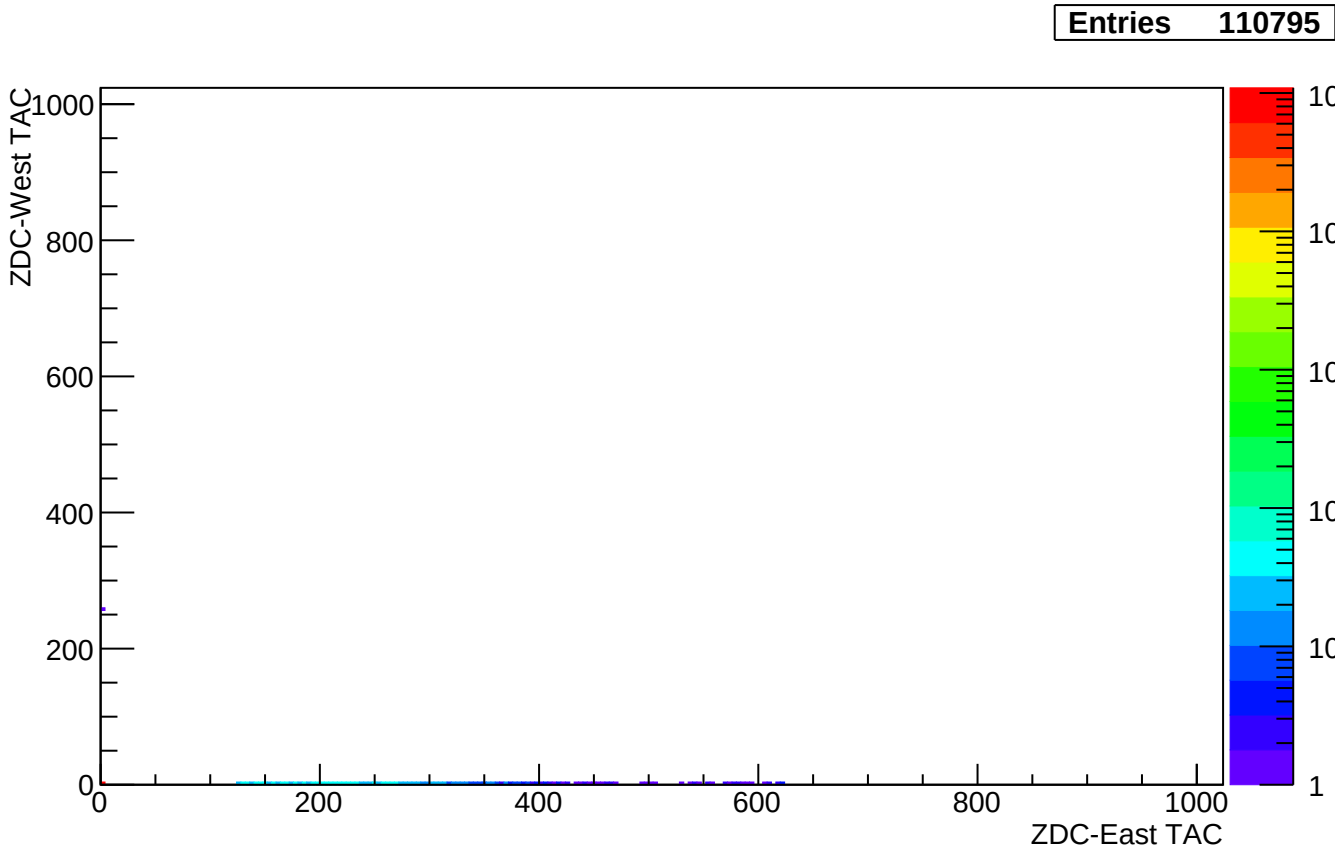

Entries 110795
TOF-Mult
VPD-East ADC Sum

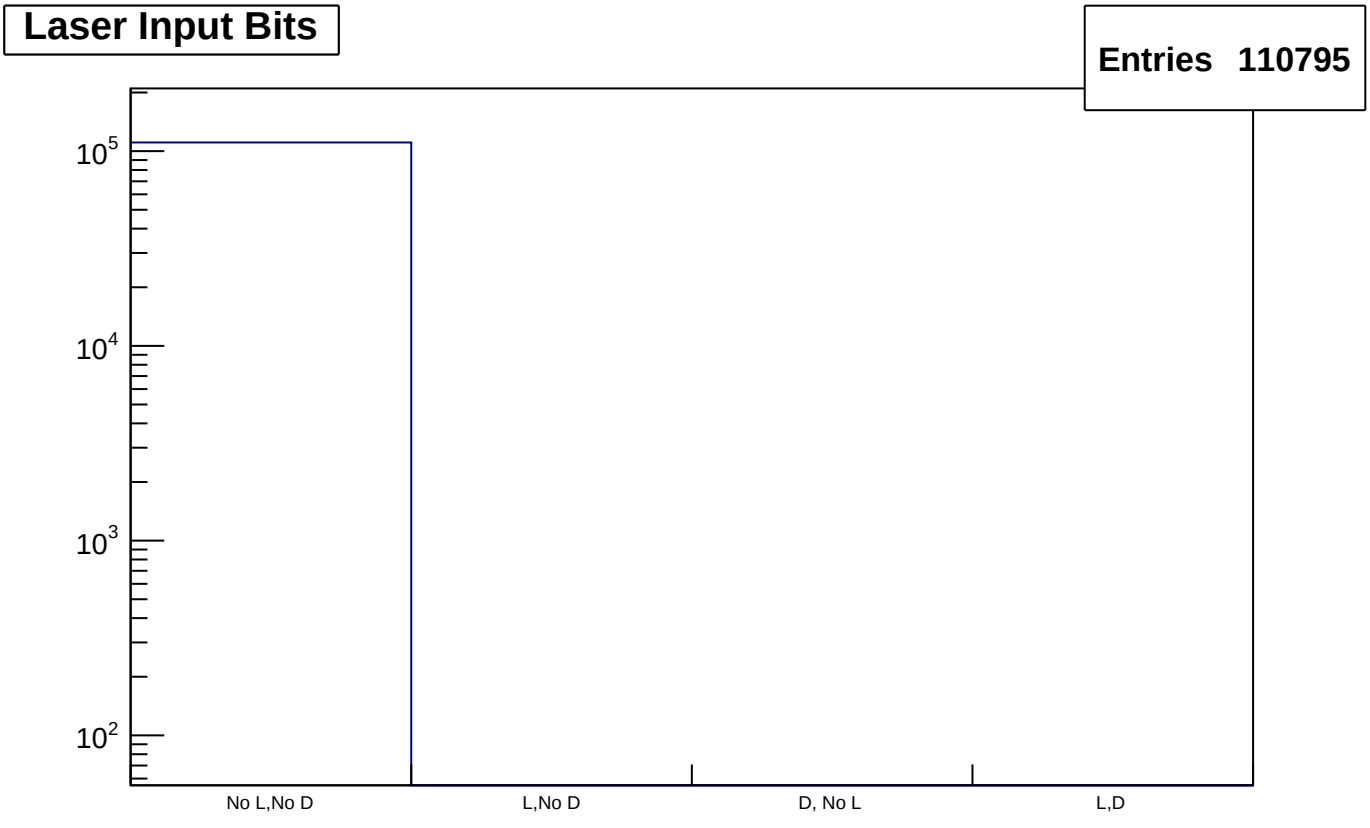

Entries 110795
TOF-Mult
VPD-West ADC Sum

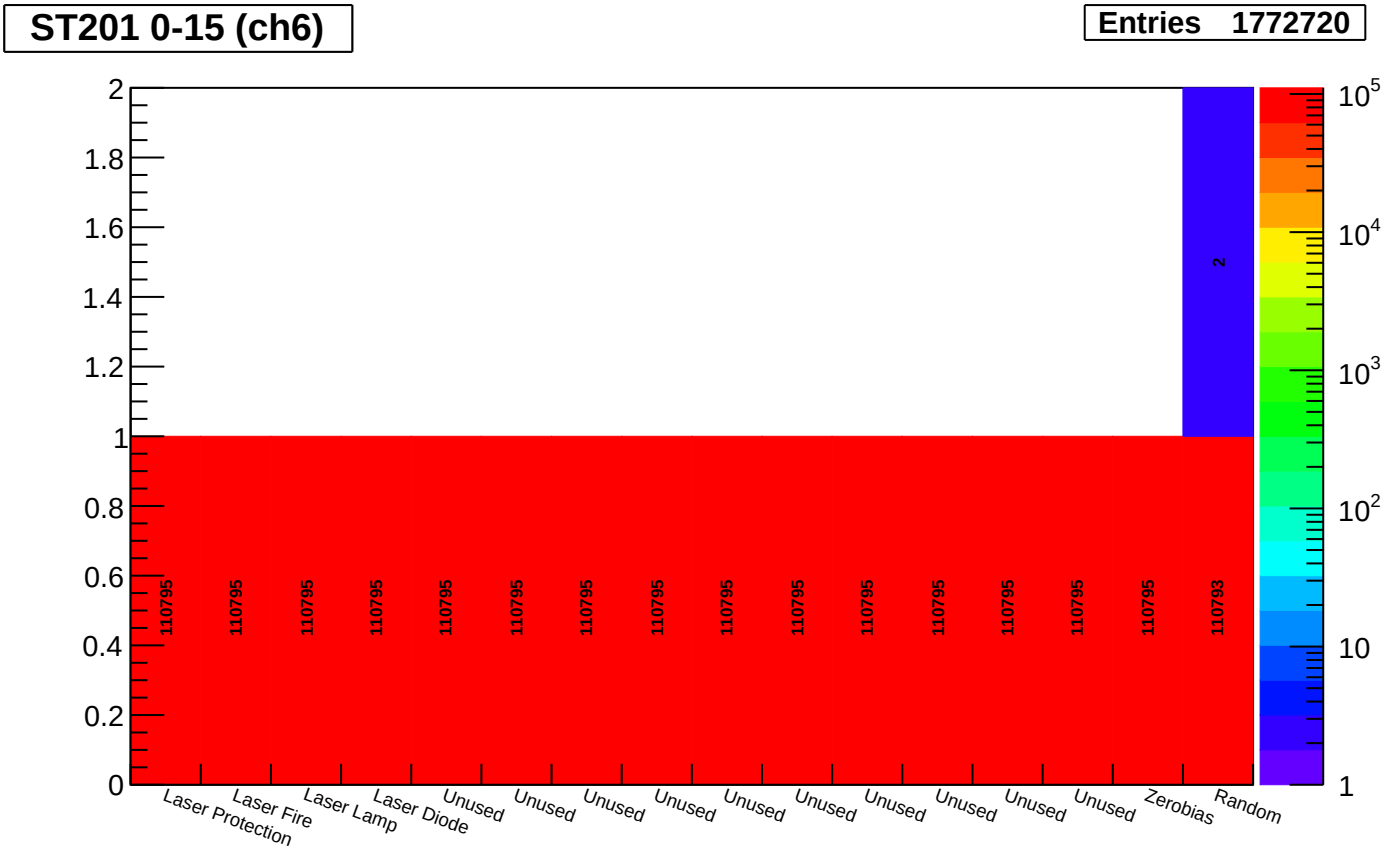

Entries 110795
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff

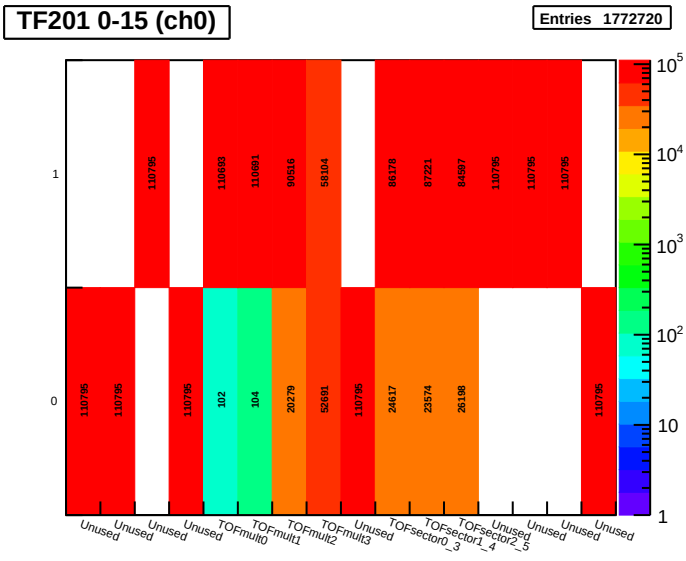

Entries 110795
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

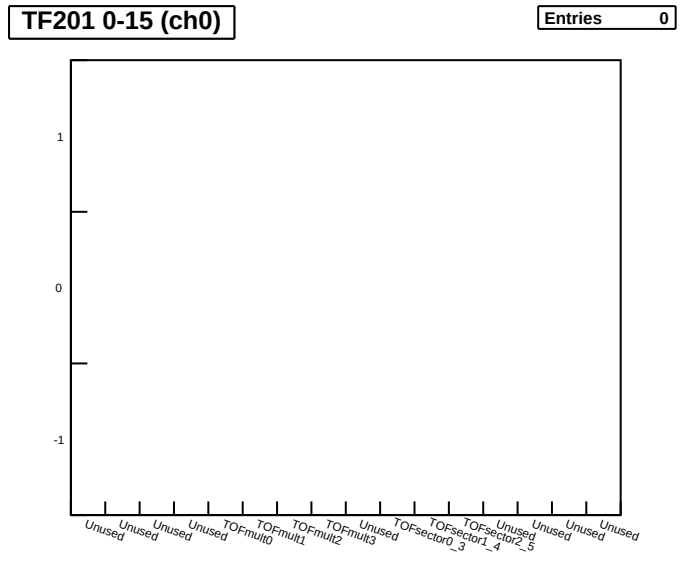

Entries 110795
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff

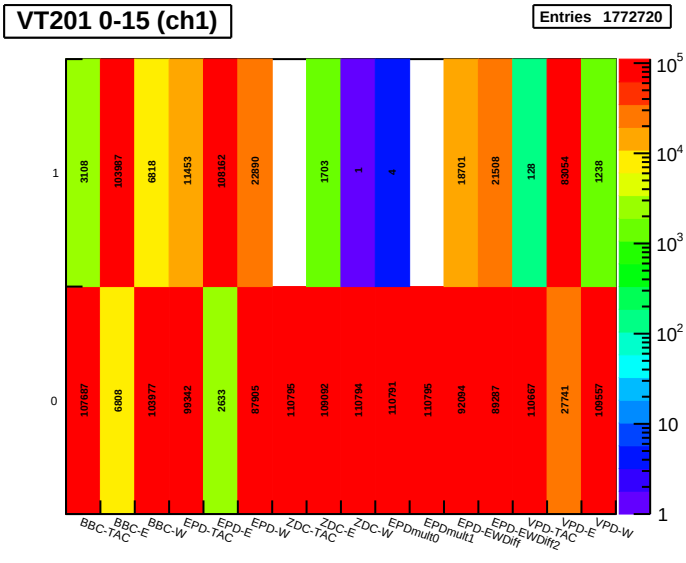

Entries 110795
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

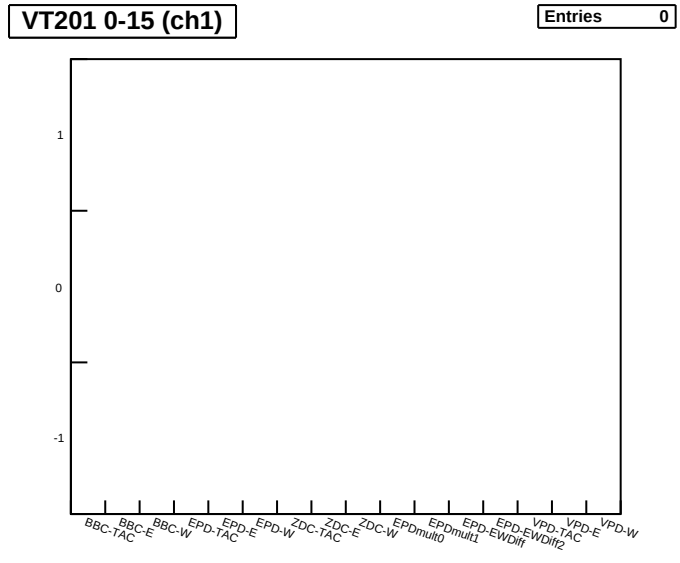

Laser Input Bits
Entries 110795
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

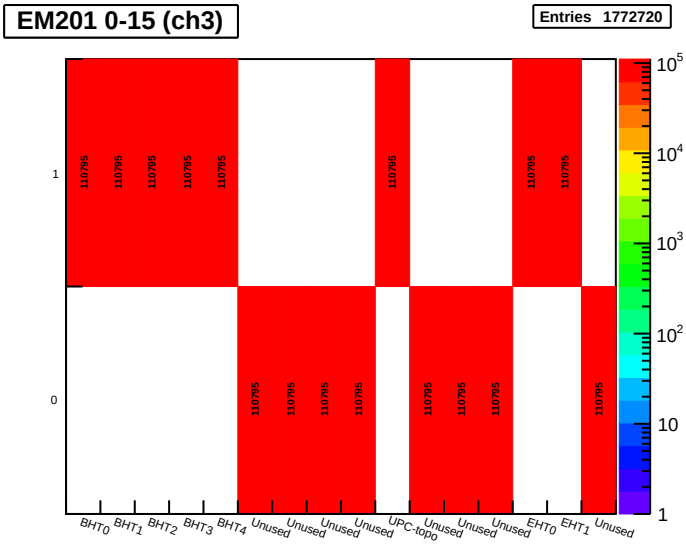

ST201 0-15 (ch6)
Entries 1772720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
110795
110793
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

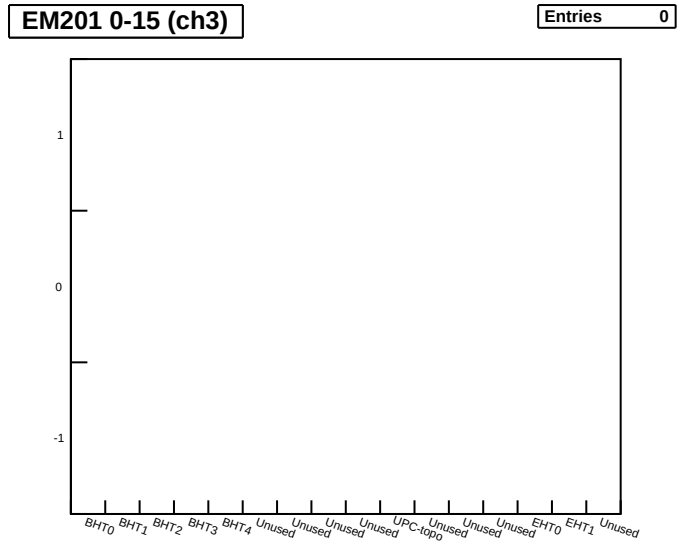

TF201 0-15 (ch0)
Entries 1772720
1
0
110795 110795 110795 102 104 20279 52691 110795 24617 23574 26198 110795
110795 110693 110691 90516 58104 86178 87221 84597 110795 110795 110795
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused 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 1772720
1
0
3108 103987 6818 11453 108162 22890 1703 1 4 18701 21508 128 83054 1238
107687 6808 103977 99342 2633 87905 110795 109092 110794 110791 110795 92094 89287 110667 27741 109557
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 1772720
1
0
110795 110795 110795 110795 110795 110795 110795 110795 110795
110795 110795 110795 110795 110795 110795 110795 110795
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