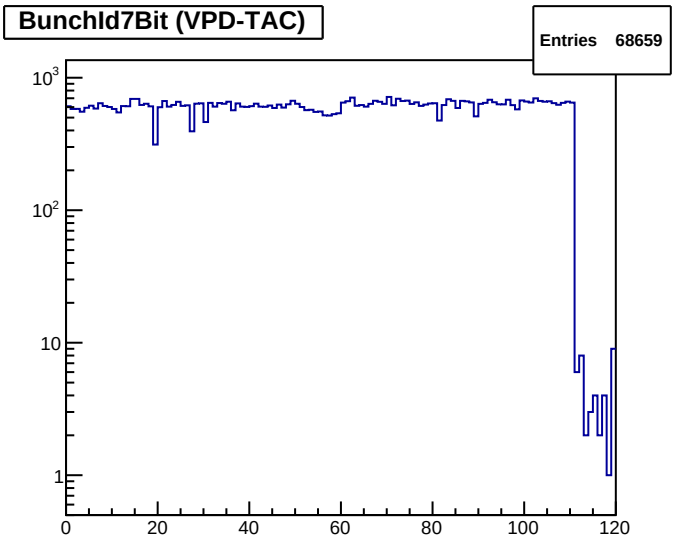
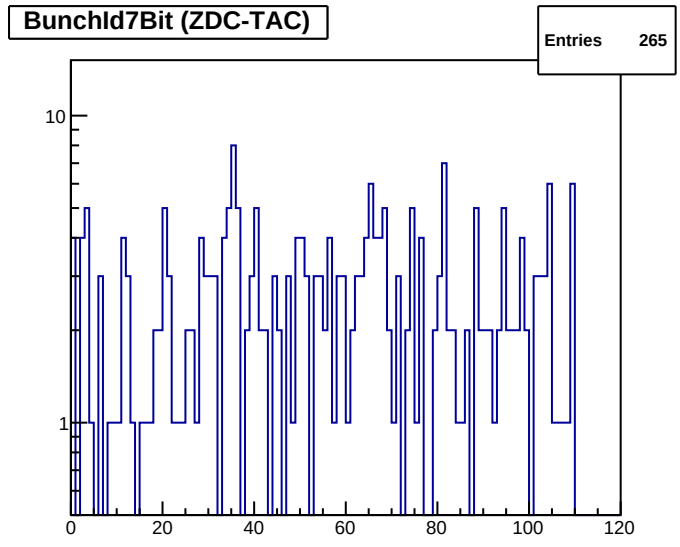
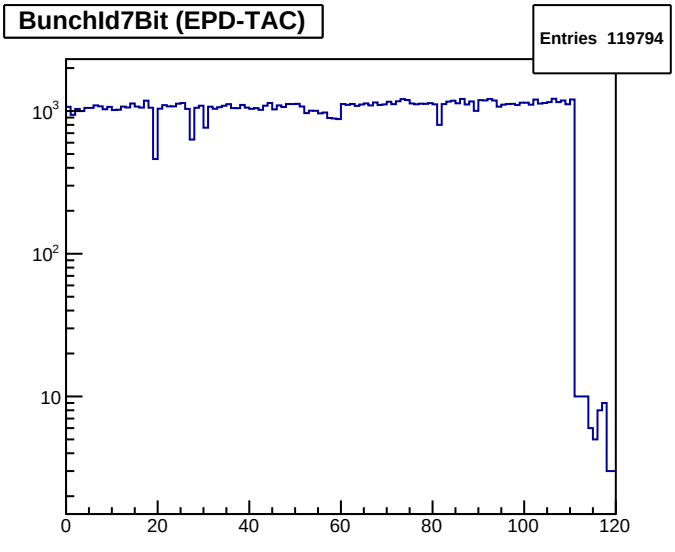
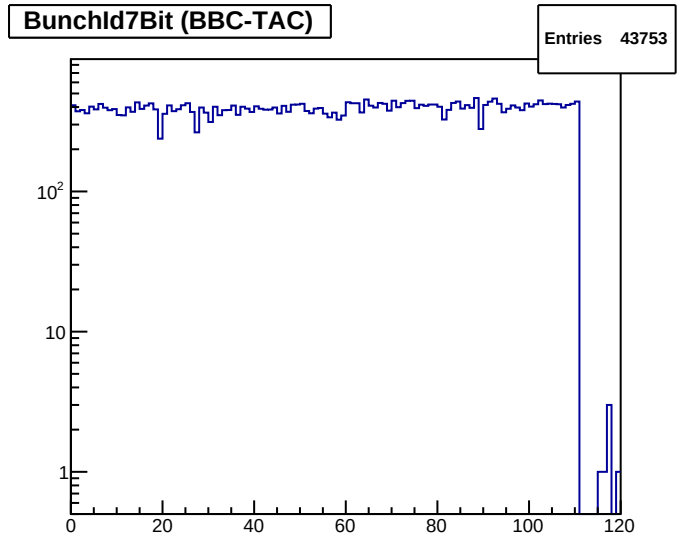
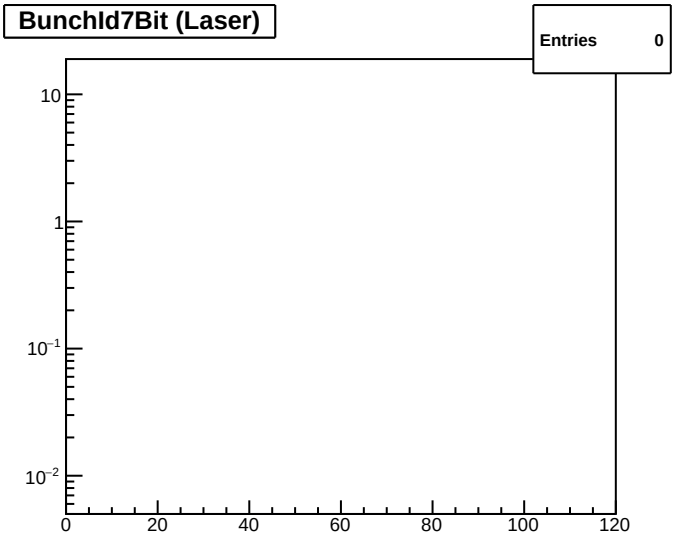
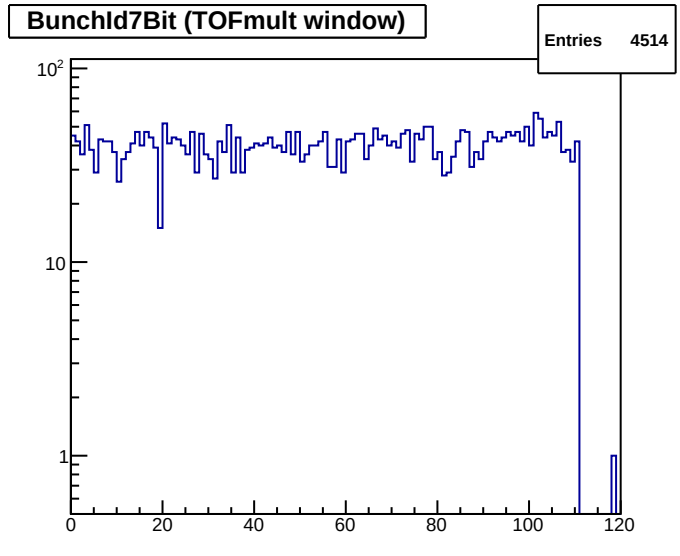

BunchId7Bit (VPD-TAC)
Entries 68659

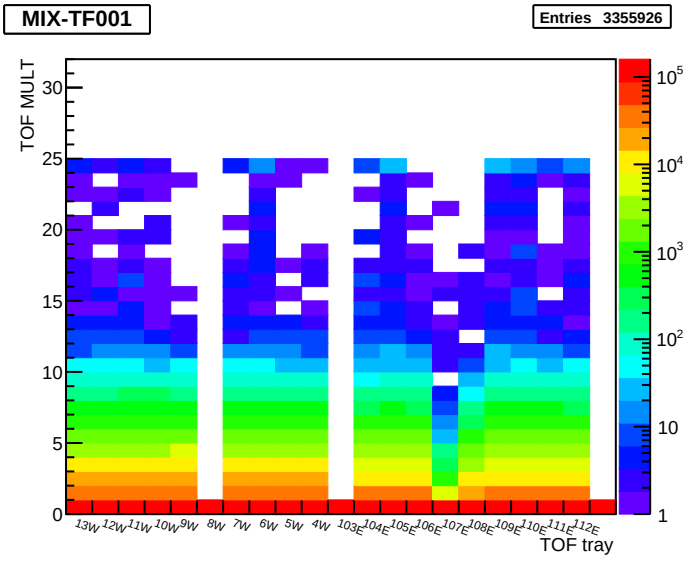

BunchId7Bit (ZDC-TAC)
Entries 265

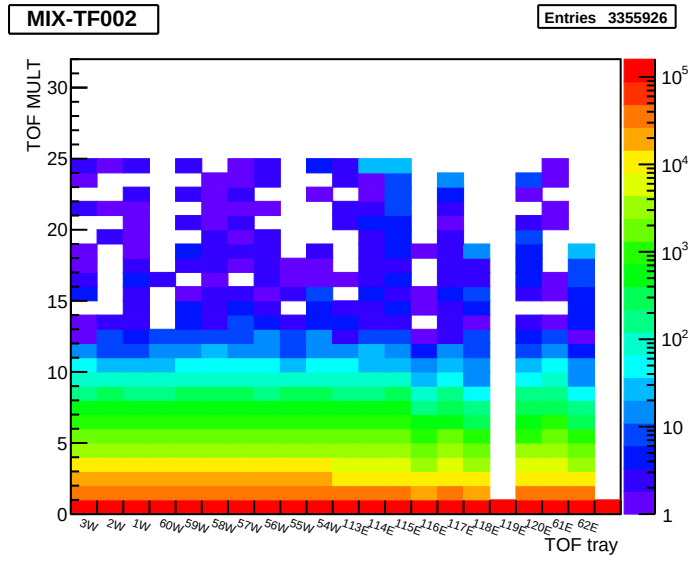

BunchId7Bit (EPD-TAC)
Entries 119794

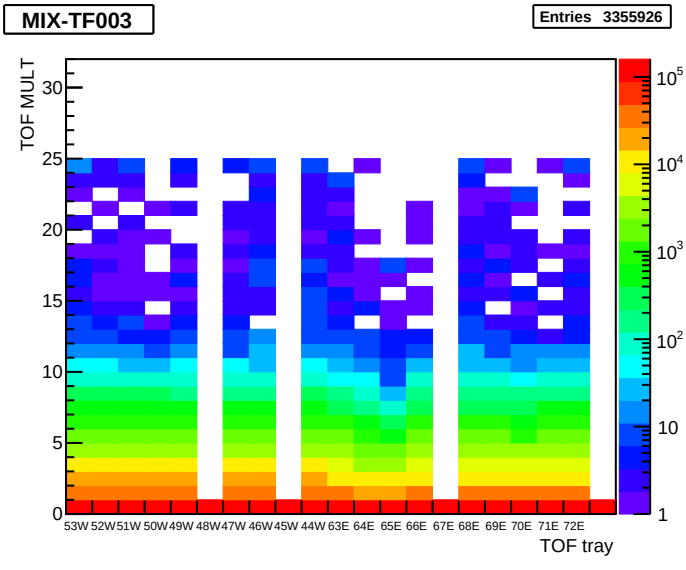

BunchId7Bit (BBC-TAC)
Entries 43753

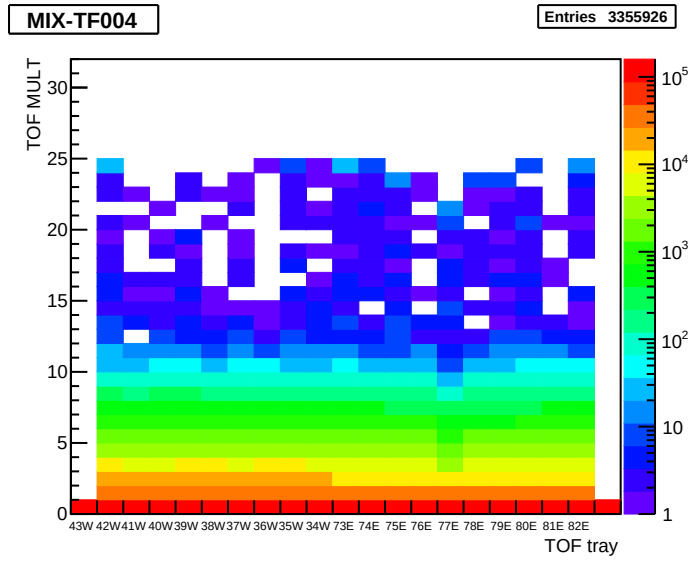

BunchId7Bit (Laser)
Entries 0

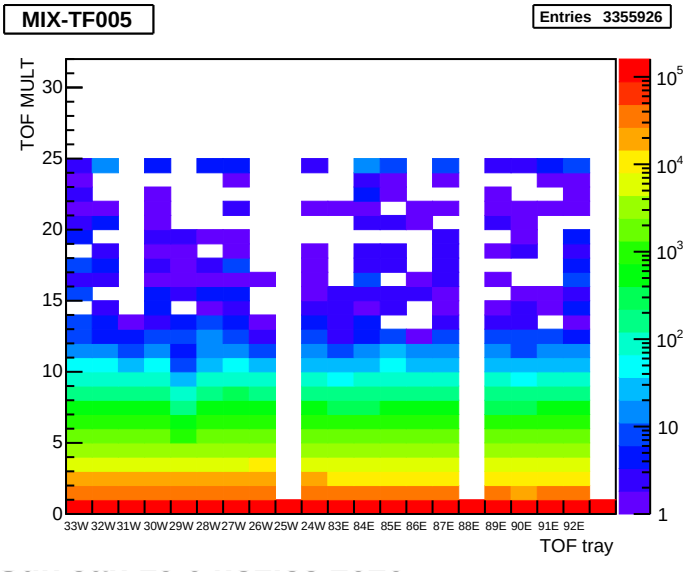

BunchId7Bit (TOFmult window)
Entries 4514

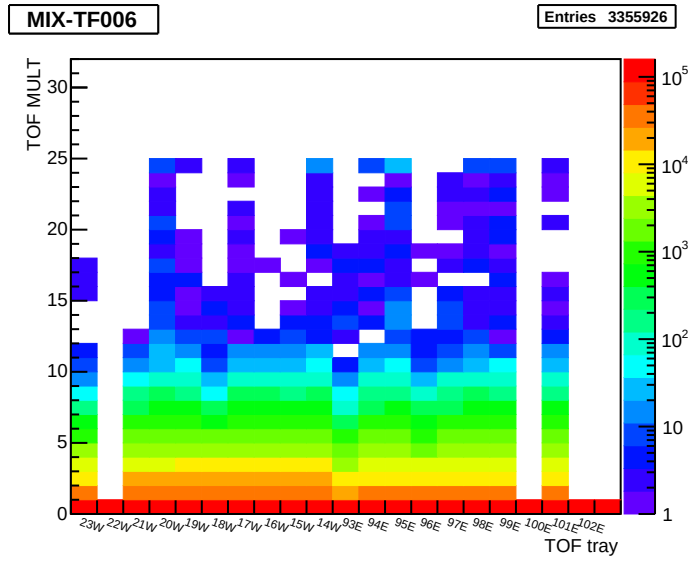

MIX-TF001
Entries 3355926
TOF MULT
TOF tray

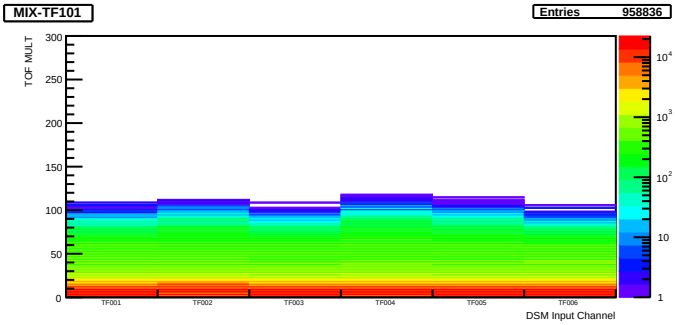

MIX-TF002
Entries 3355926
TOF MULT
TOF tray

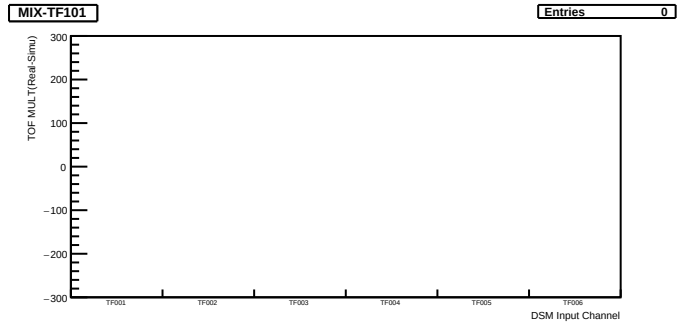

MIX-TF003
Entries 3355926
TOF MULT
TOF tray

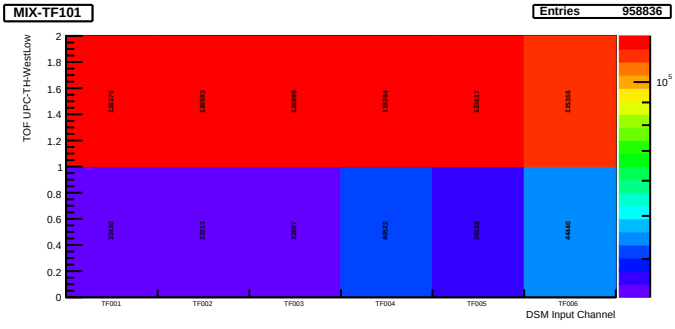

MIX-TF004
Entries 3355926
TOF MULT
TOF tray

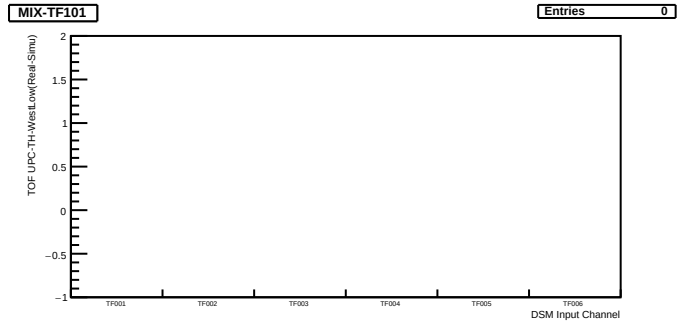

MIX-TF005
Entries 3355926
TOF MULT
TOF tray

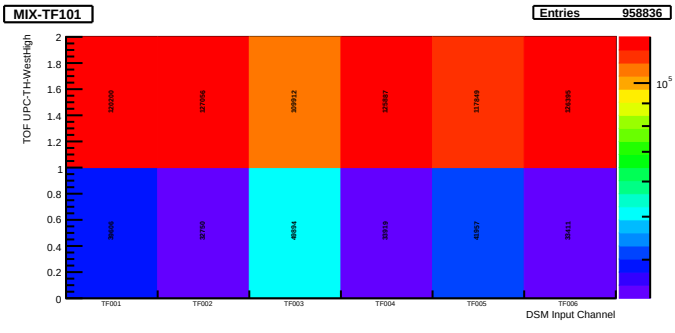

MIX-TF006
Entries 3355926
TOF MULT
TOF tray

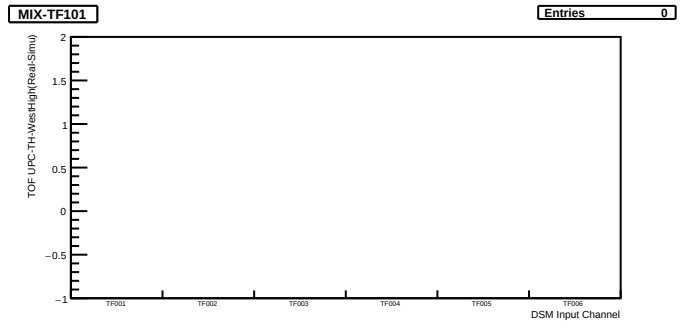

MIX-TF101
Entries 958836
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

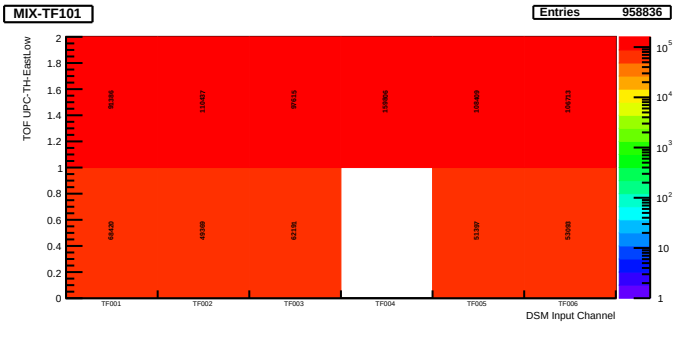

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

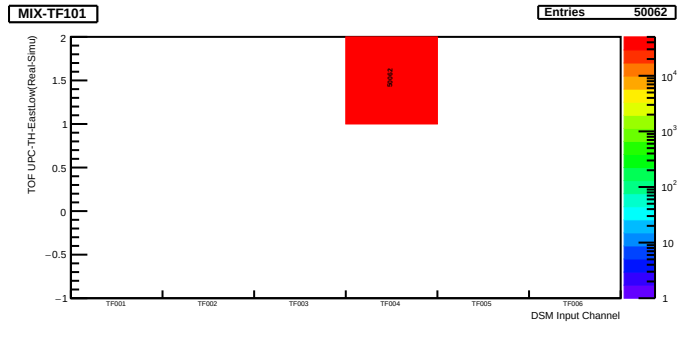

MIX-TF101
Entries 958836
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

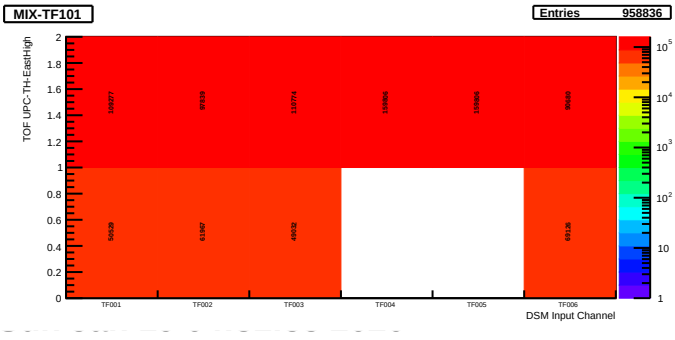

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

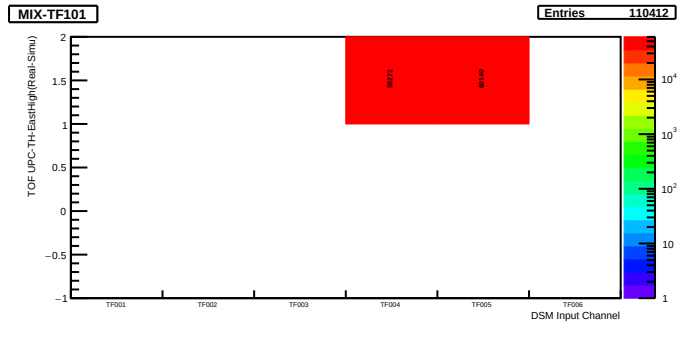

MIX-TF101
Entries 958836
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

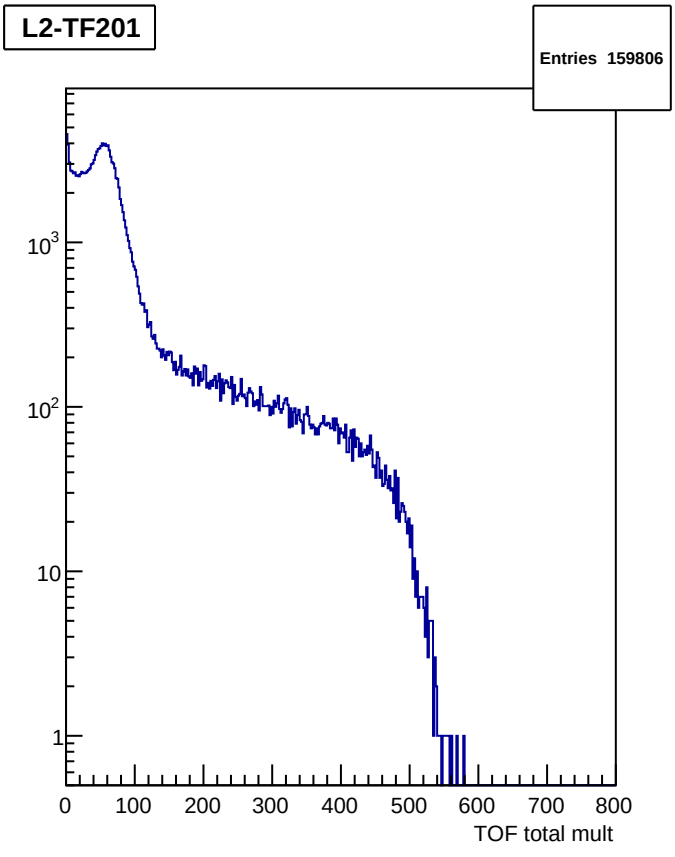

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

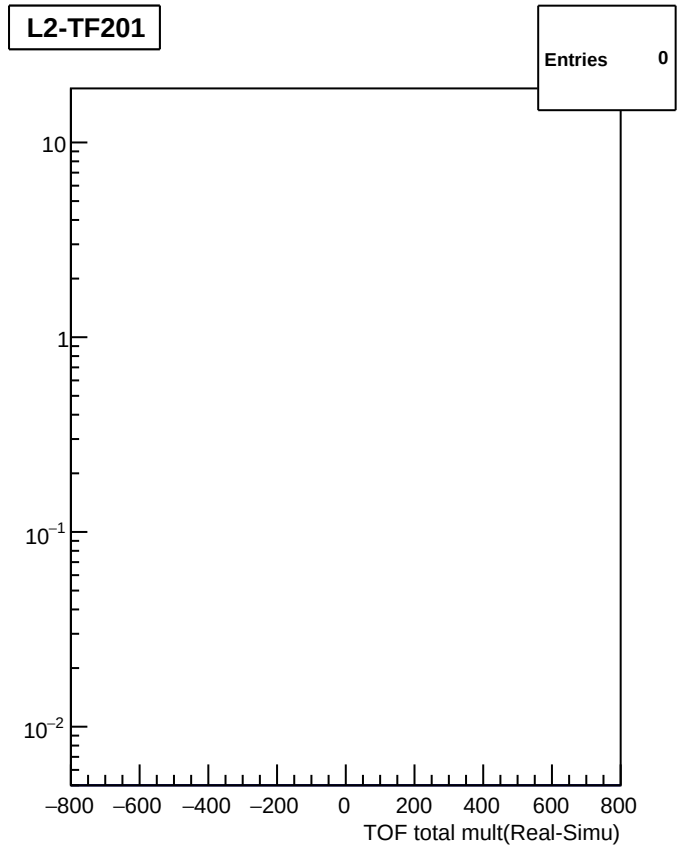

MIX-TF101
Entries 958836
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

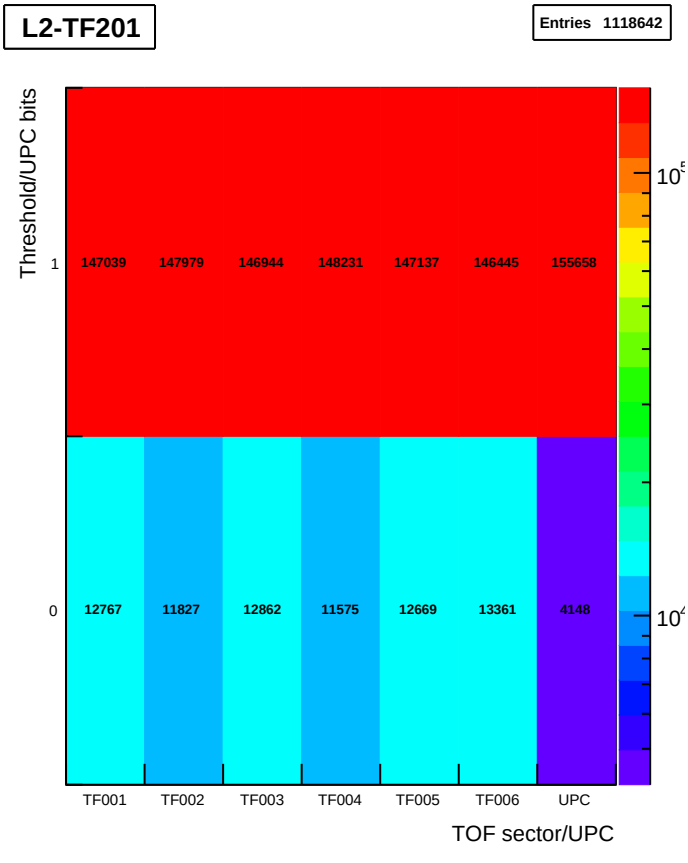

MIX-TF101
Entries 50062
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

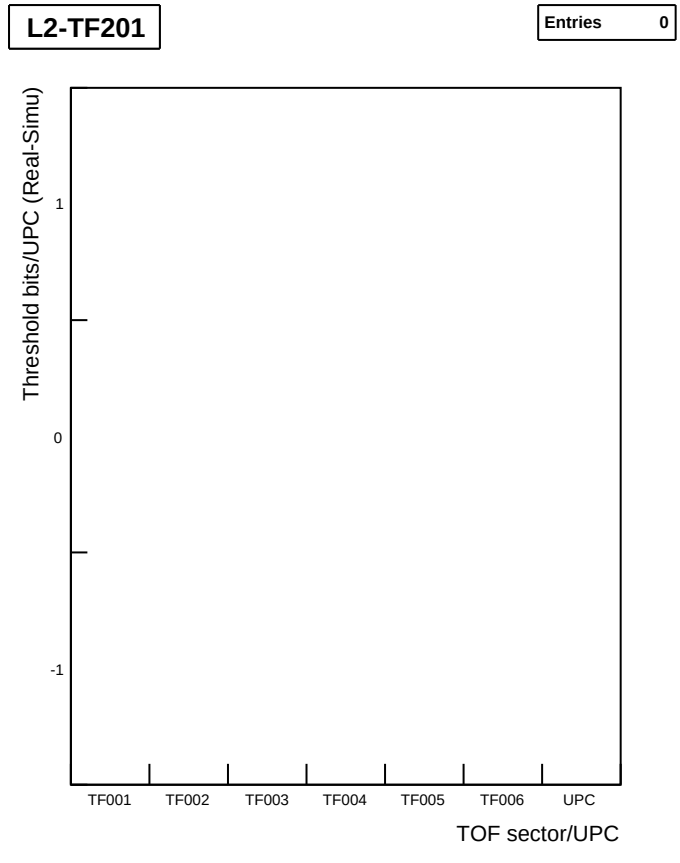

MIX-TF101
Entries 958836
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

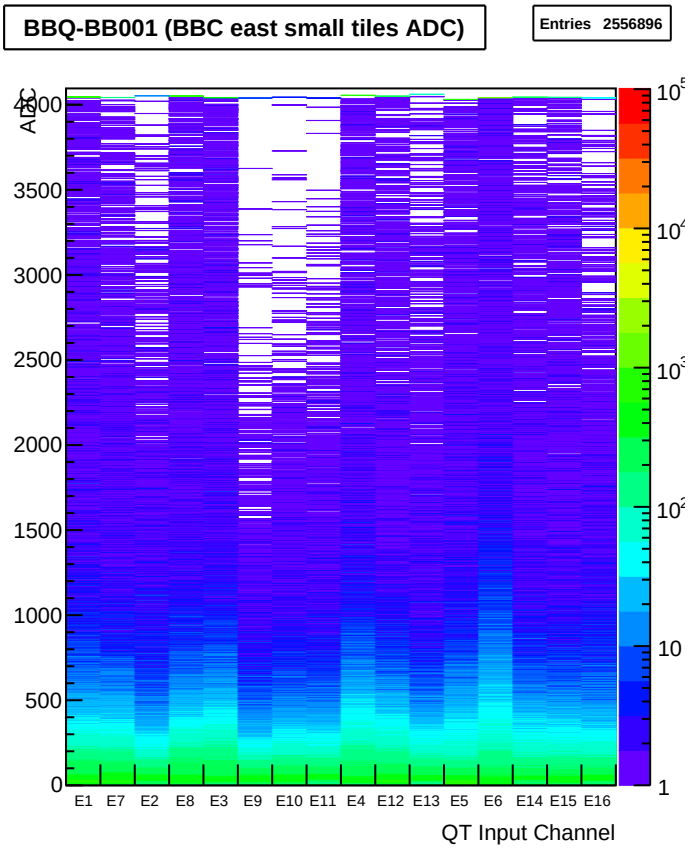

MIX-TF101
Entries 110412
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

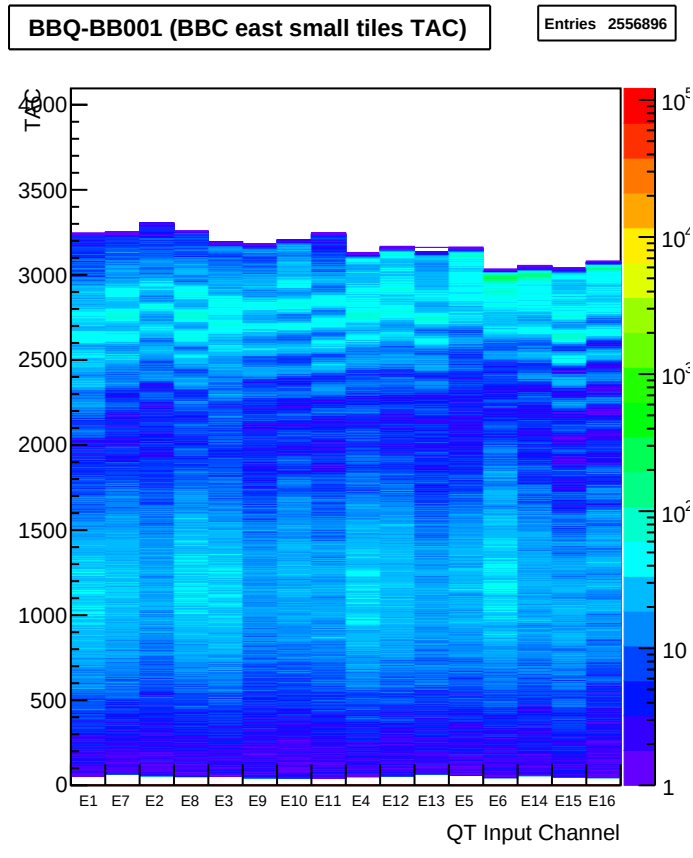

L2-TF201
Entries 159806
TOF total mult

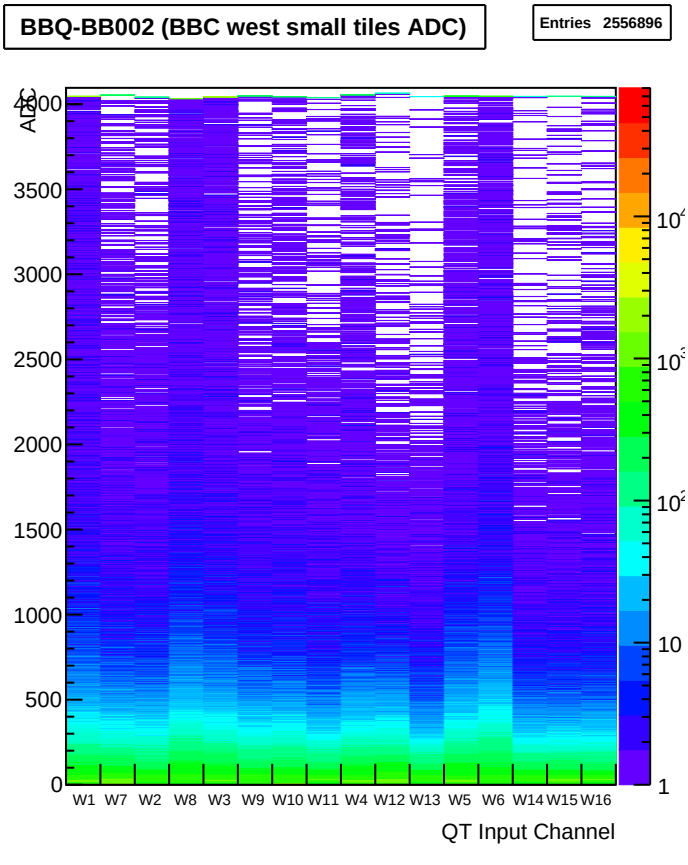

L2-TF201
Entries 0
TOF total mult(Real-Simu)

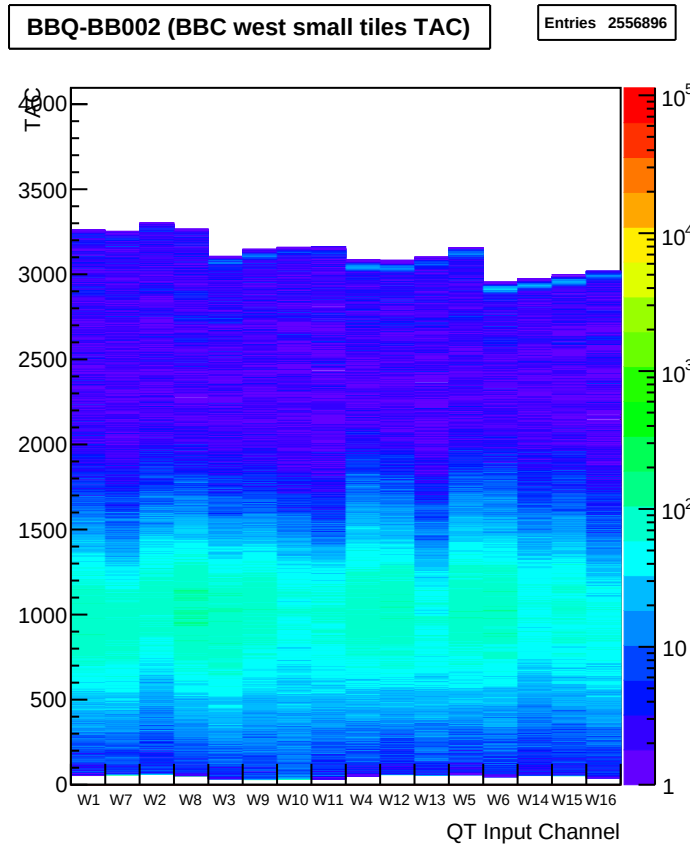

L2-TF201
Entries 1118642
Threshold/UPC bits
147039
147979
146944
148231
147137
146445
155658
12767
11827
12862
11575
12669
13361
4148
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

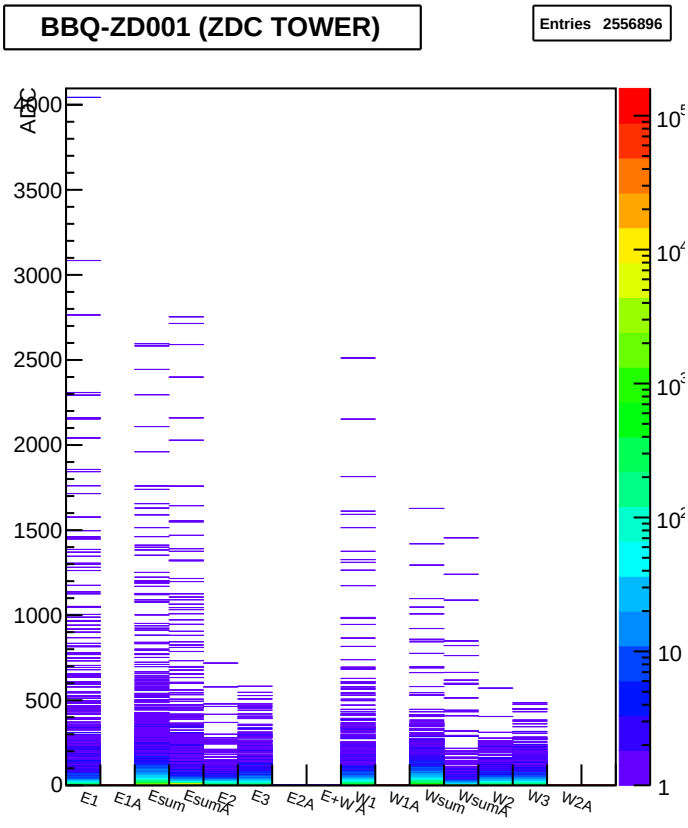

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

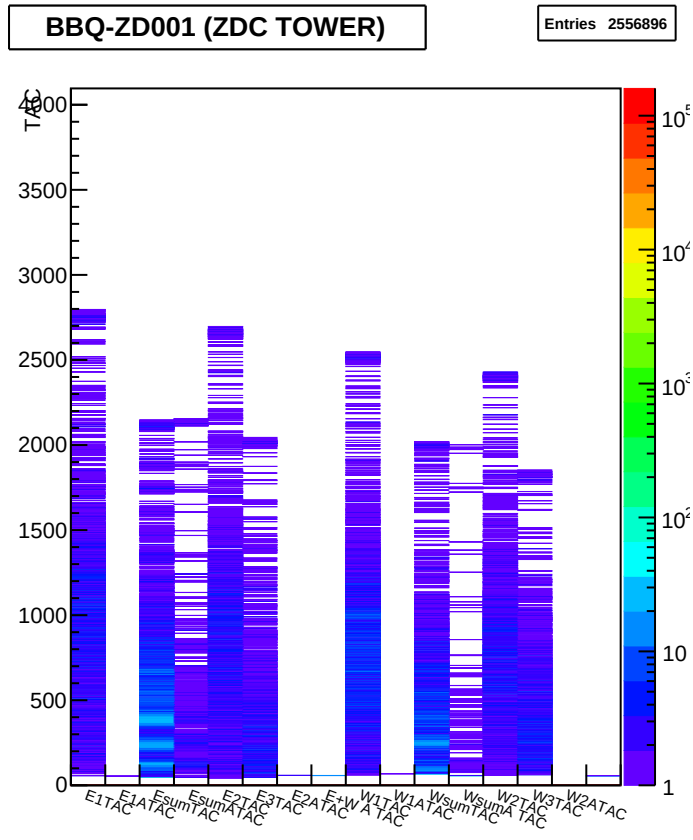

BBQ-BB001 (BBC east small tiles ADC)
Entries 2556896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

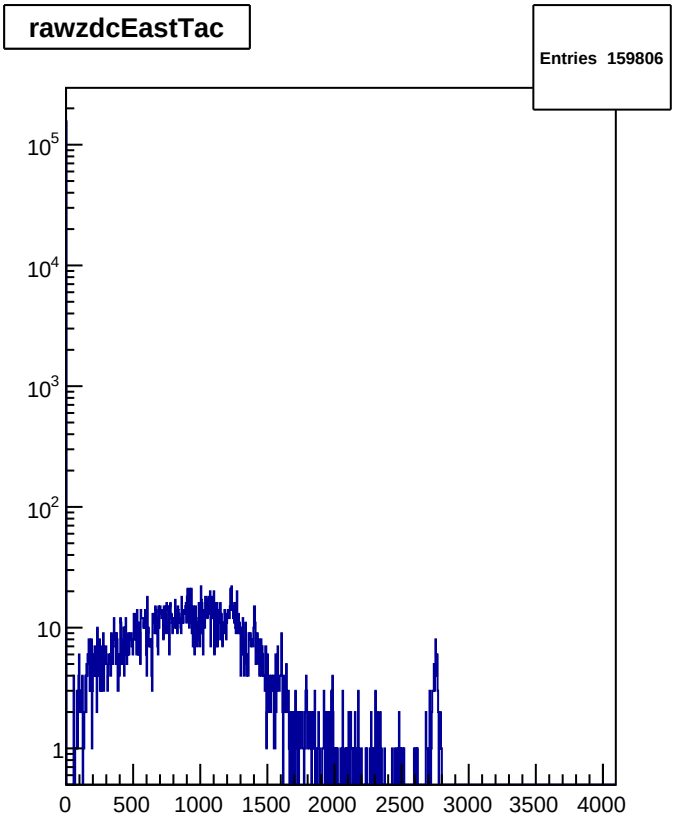

BBQ-BB001 (BBC east small tiles TAC)
Entries 2556896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

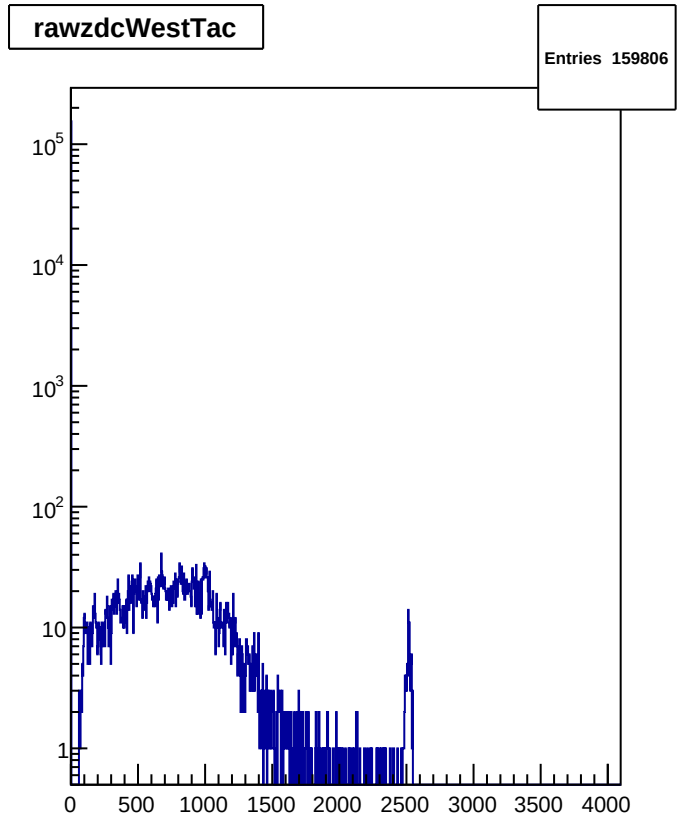

BBQ-BB002 (BBC west small tiles ADC)
Entries 2556896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

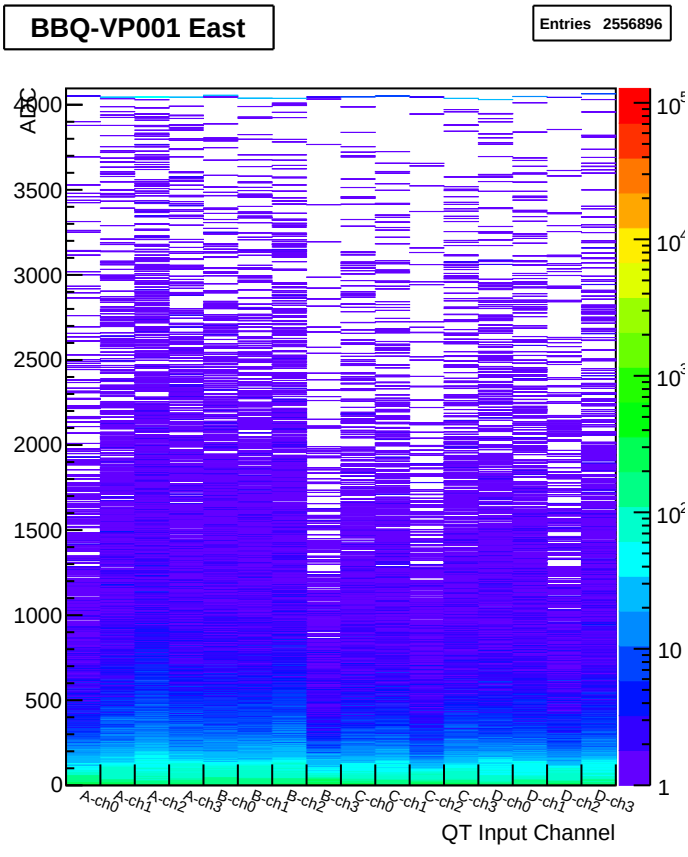

BBQ-BB002 (BBC west small tiles TAC)
Entries 2556896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

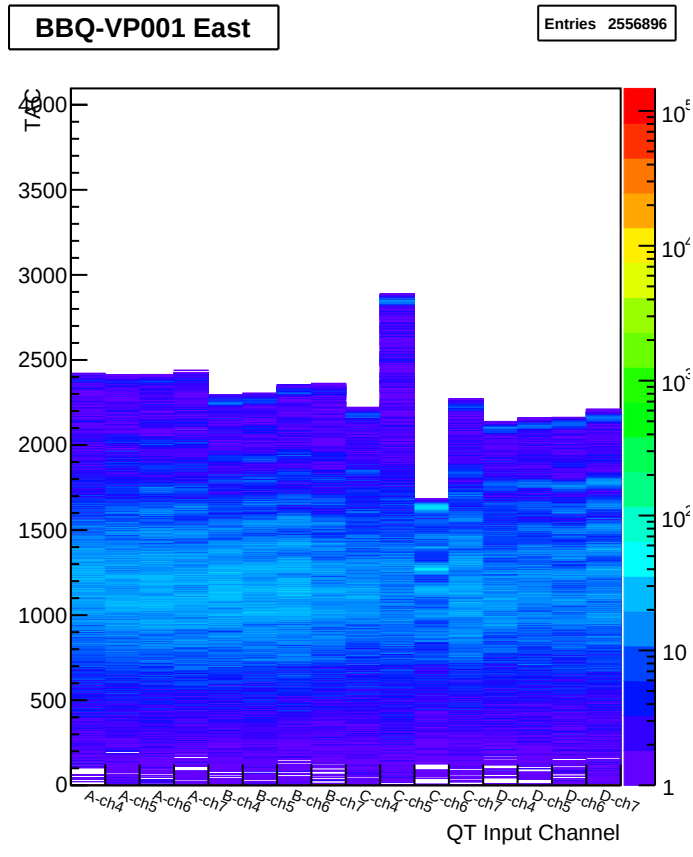

BBQ-ZD001 (ZDC TOWER)
Entries 2556896
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

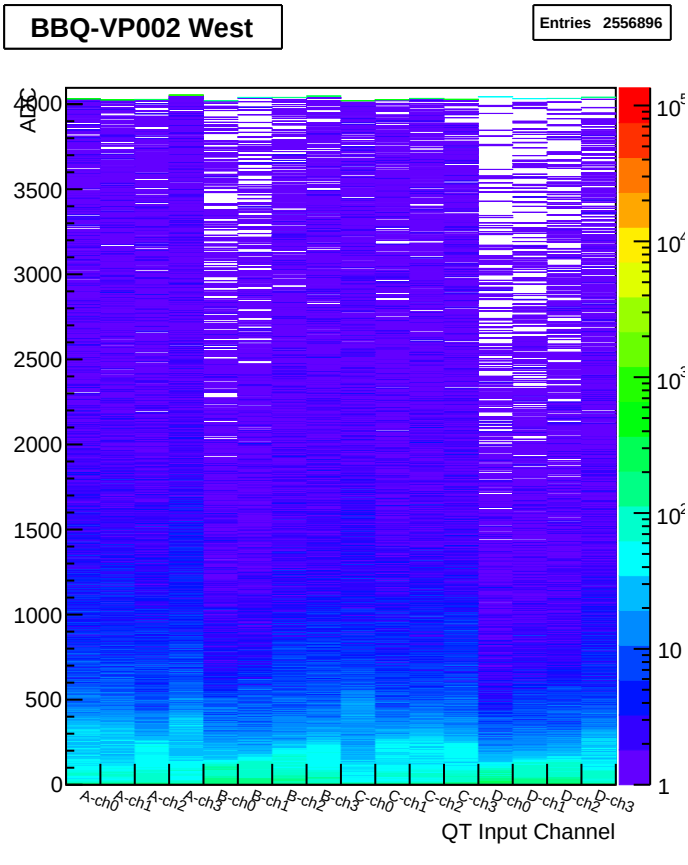

BBQ-ZD001 (ZDC TOWER)
Entries 2556896
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

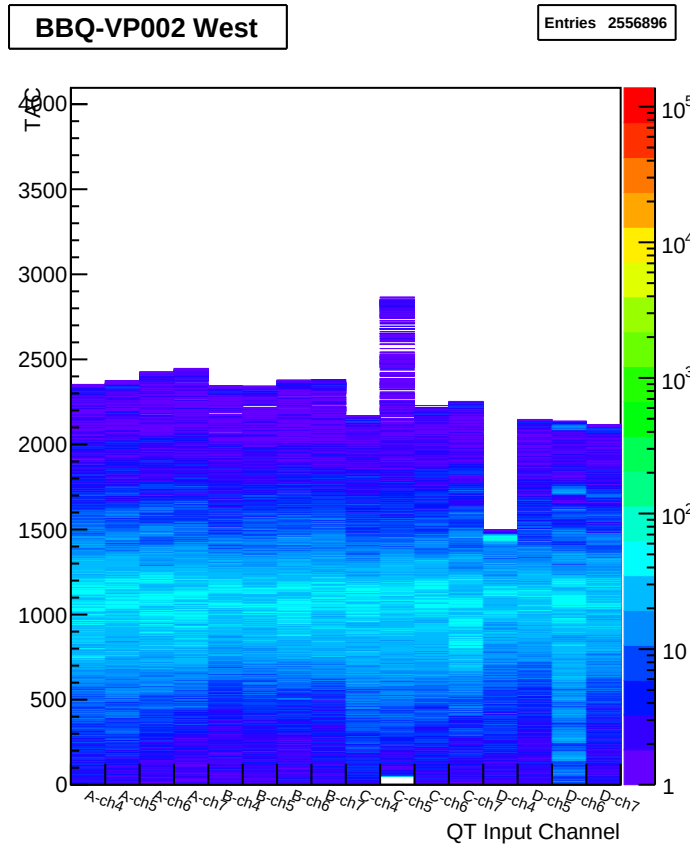

rawzdcEastTac
Entries 159806

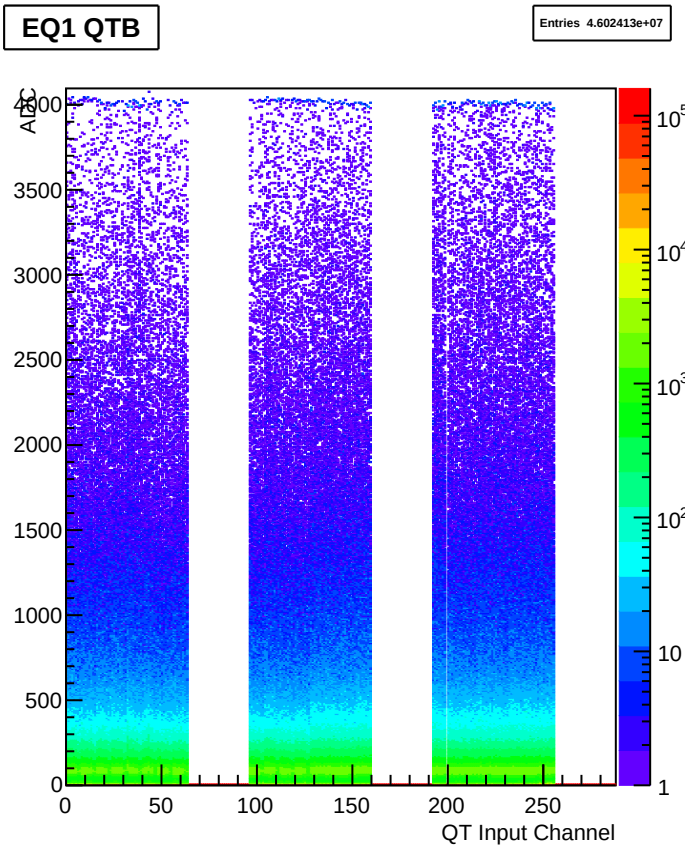

rawzdcWestTac
Entries 159806

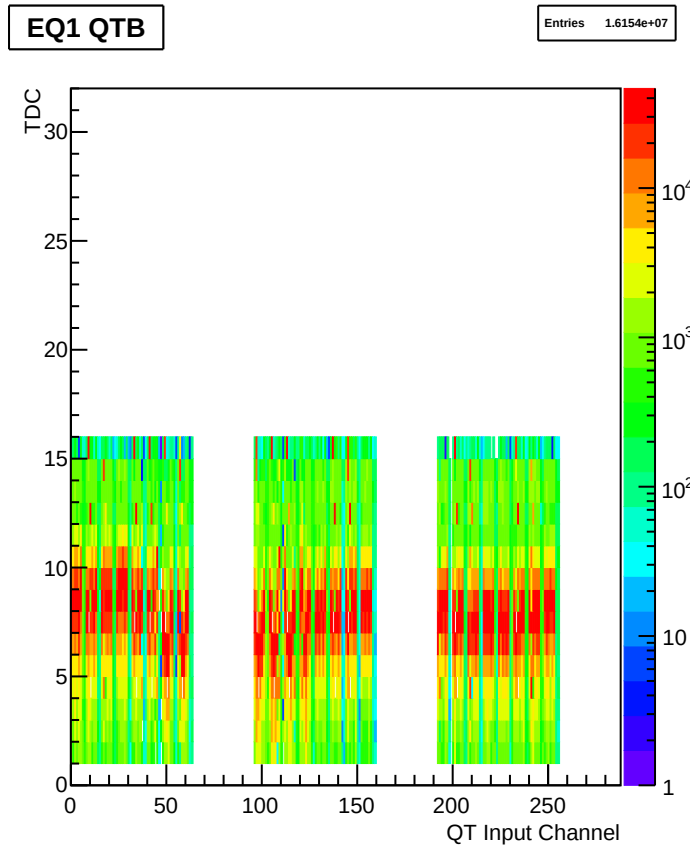

BBQ-VP001 East
Entries 2556896
ADC
QT Input Channel

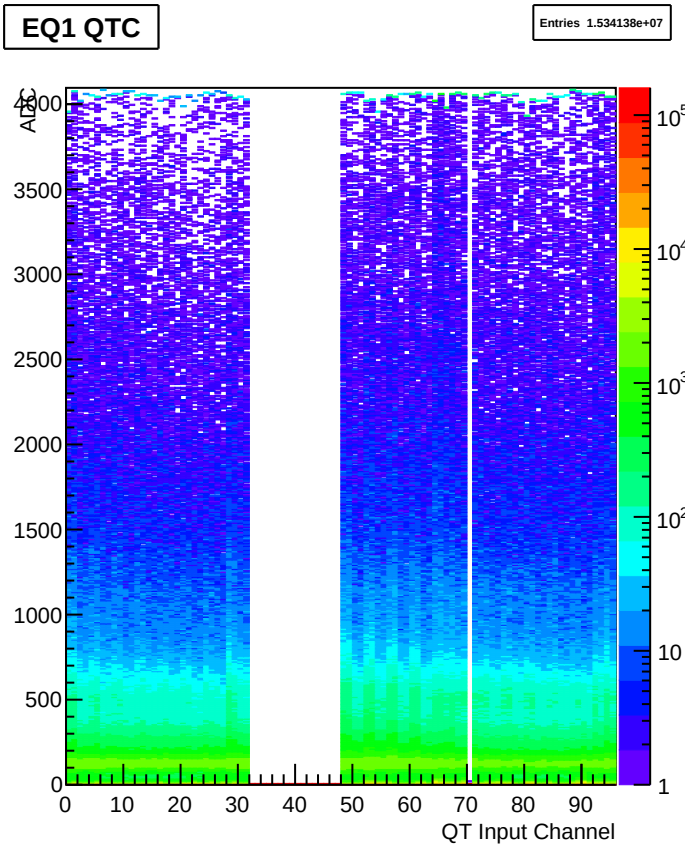

BBQ-VP001 East
Entries 2556896
TAC
QT Input Channel

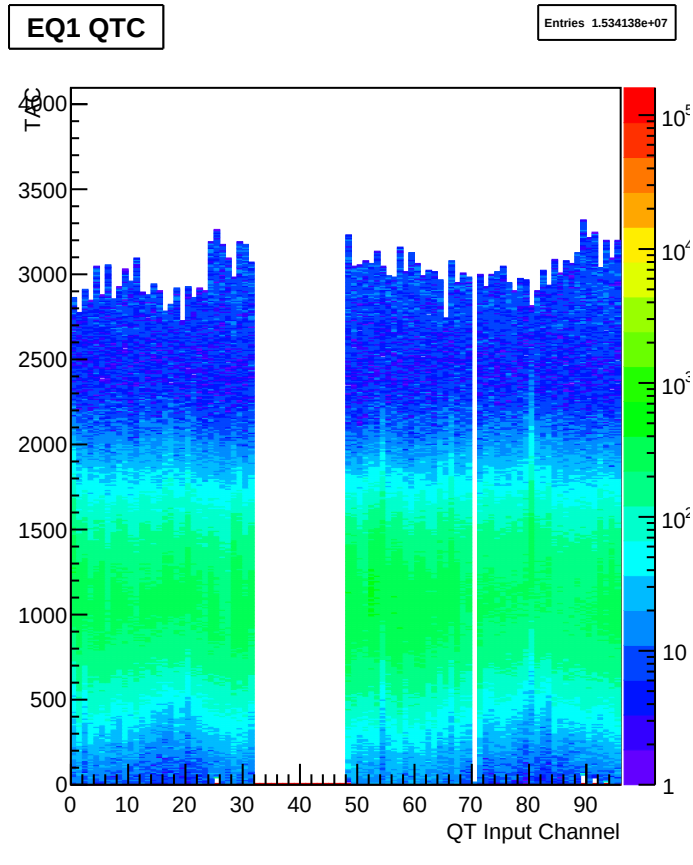

BBQ-VP002 West
Entries 2556896
ADC
QT Input Channel

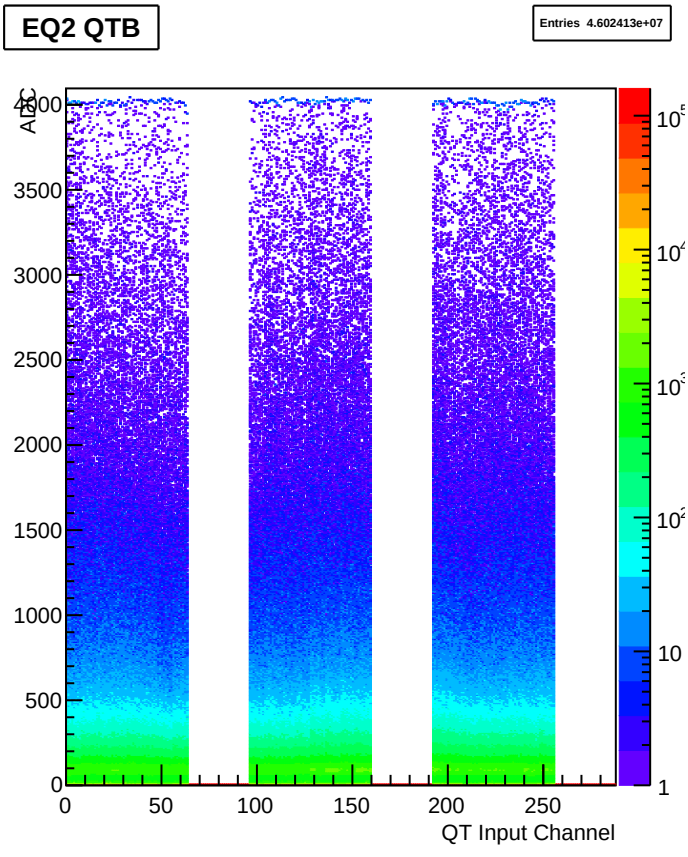

BBQ-VP002 West
Entries 2556896
TAC
QT Input Channel

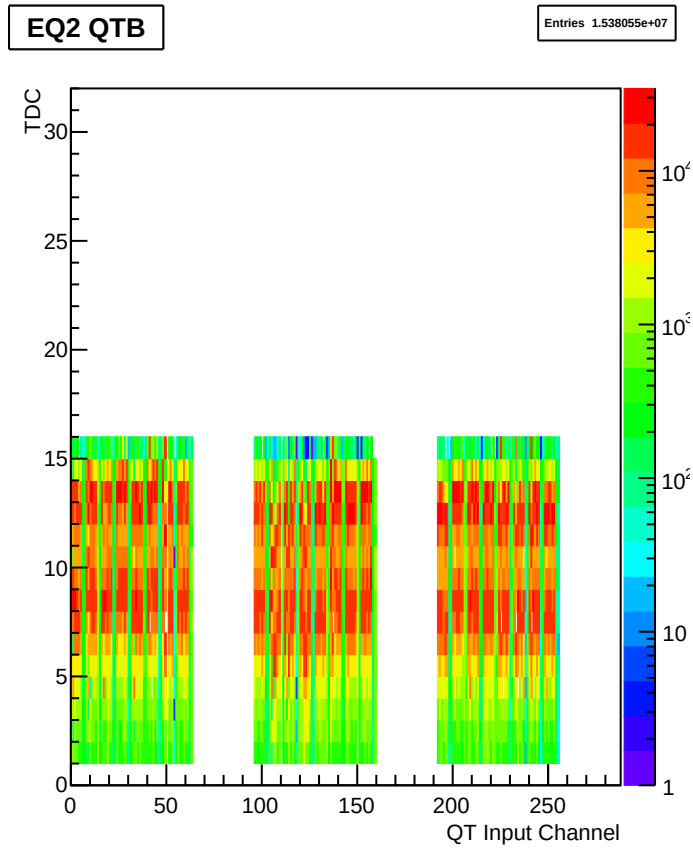

EQ1 QTB
Entries 4.602413e+07
ADC
QT Input Channel

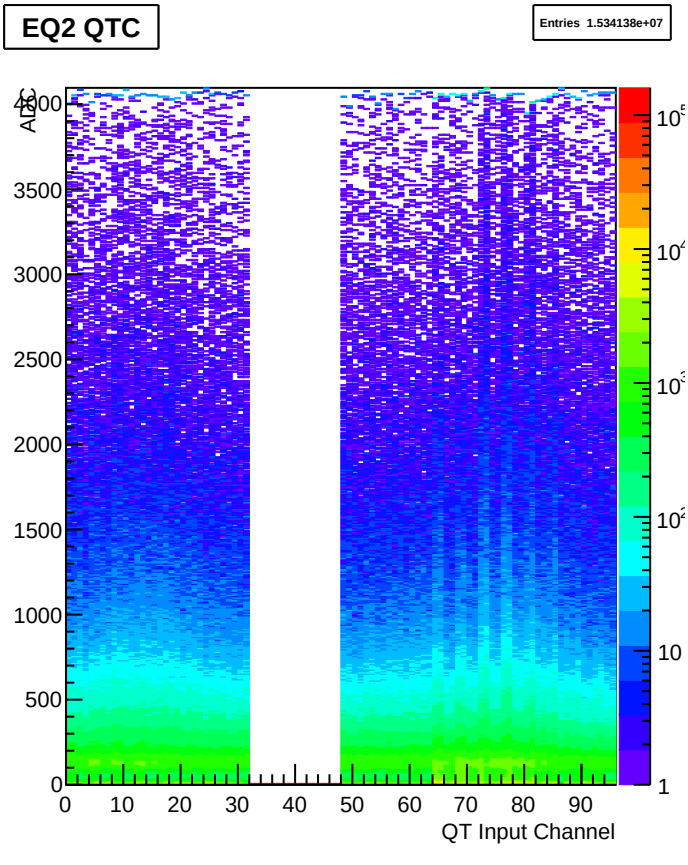

EQ1 QTB
Entries 1.6154e+07
TDC
QT Input Channel

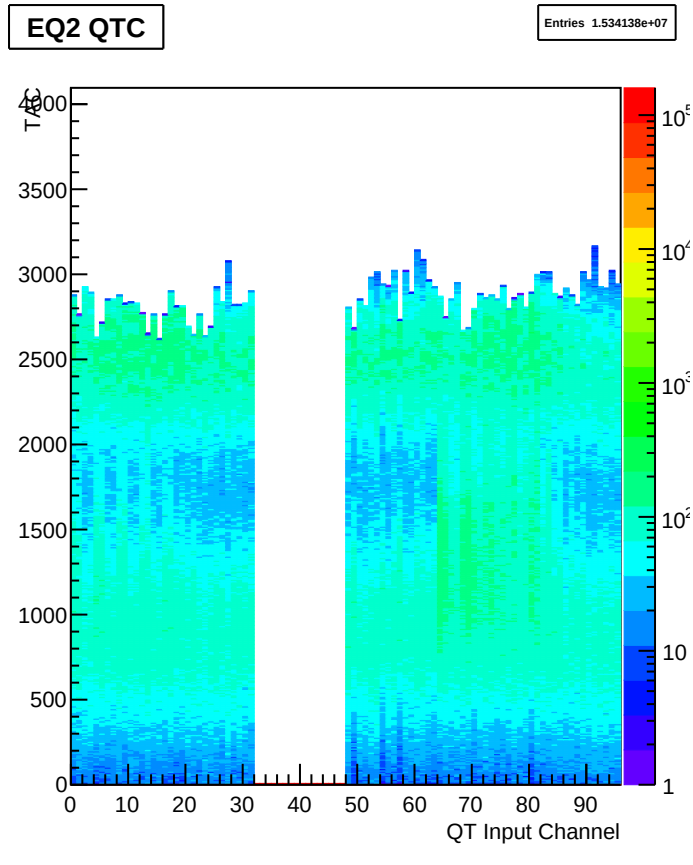

EQ1 QTC
Entries 1.534138e+07
ADC
QT Input Channel

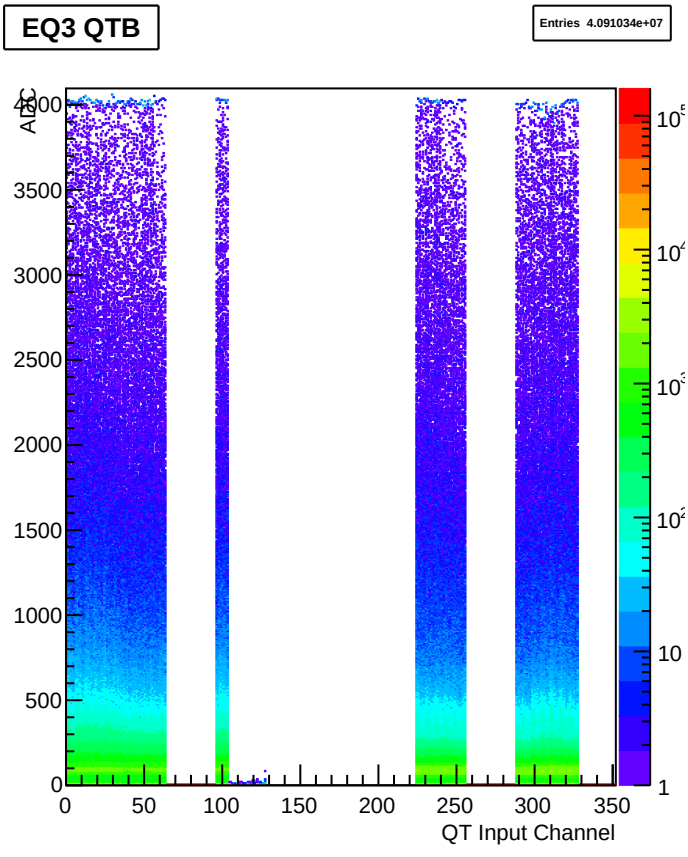

EQ1 QTC
Entries 1.534138e+07
TADC
QT Input Channel

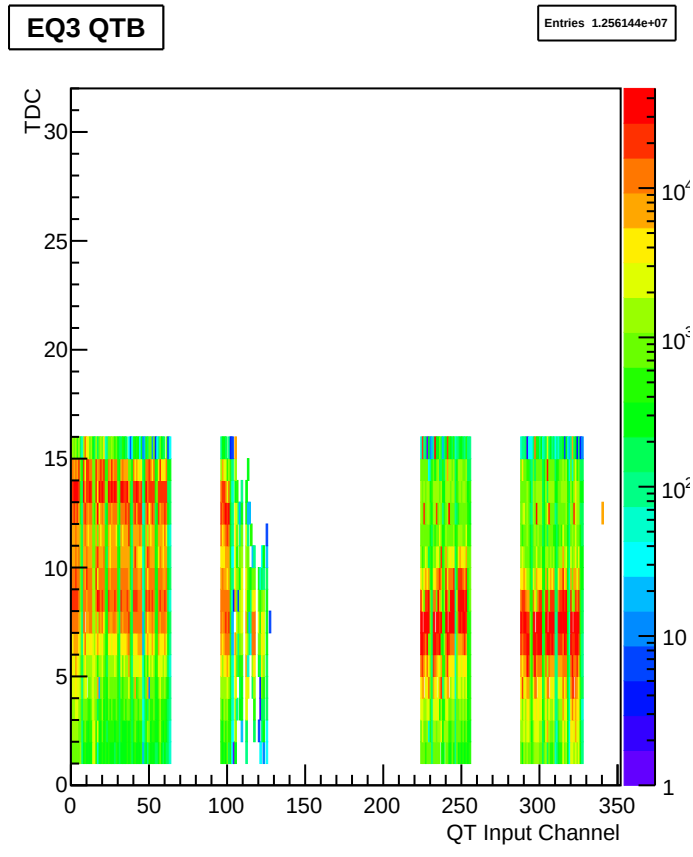

EQ2 QTB
Entries 4.602413e+07
ADC
QT Input Channel

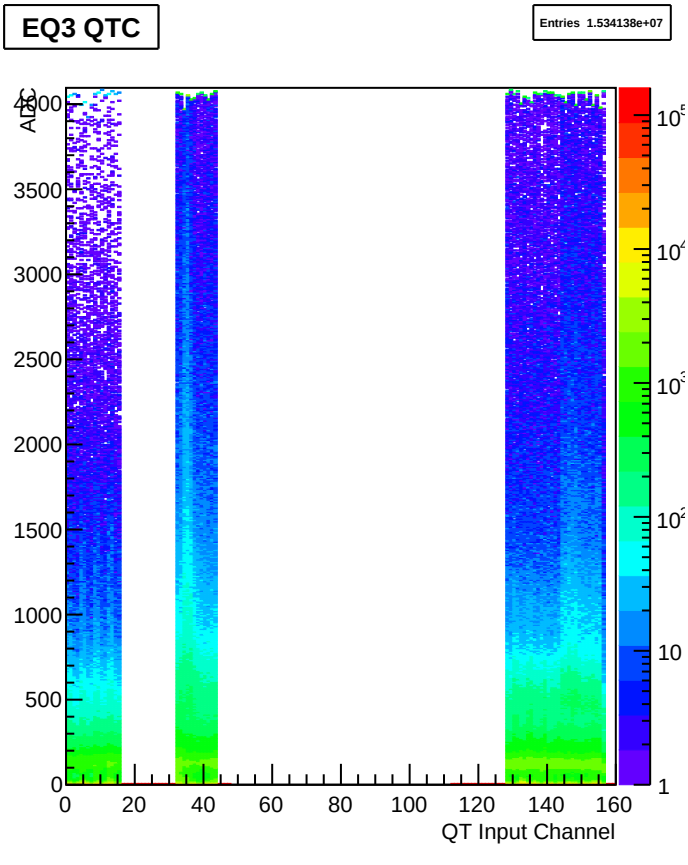

EQ2 QTB
Entries 1.538055e+07
TDC
QT Input Channel

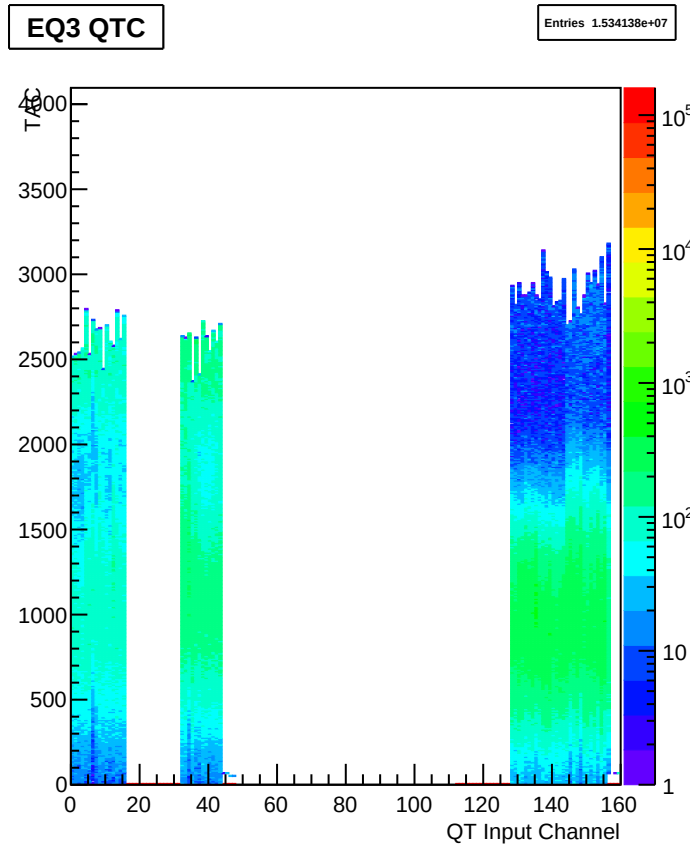

EQ2 QTC
Entries 1.534138e+07
ADC
QT Input Channel

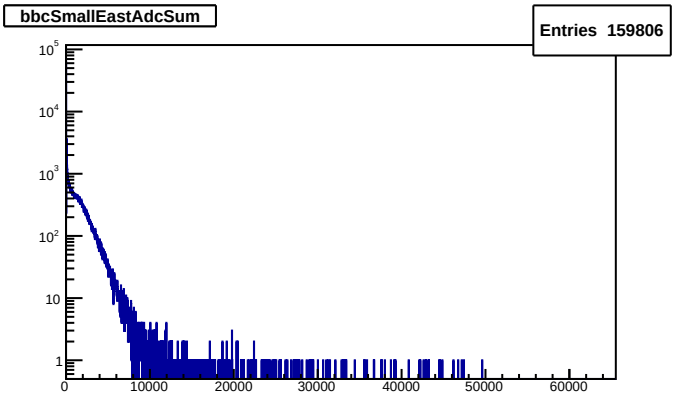

EQ2 QTC
Entries 1.534138e+07
TADC
QT Input Channel

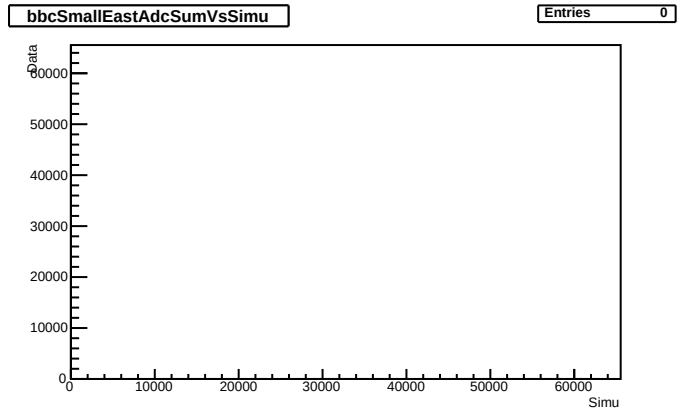

EQ3 QTB
Entries 4.091034e+07
ADC
QT Input Channel

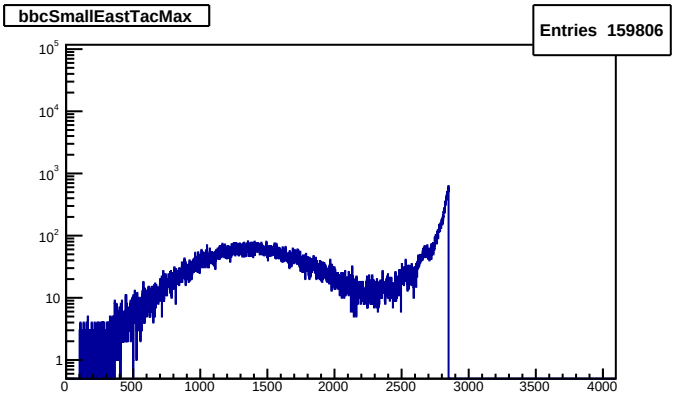

EQ3 QTB
Entries 1.256144e+07
TDC
QT Input Channel

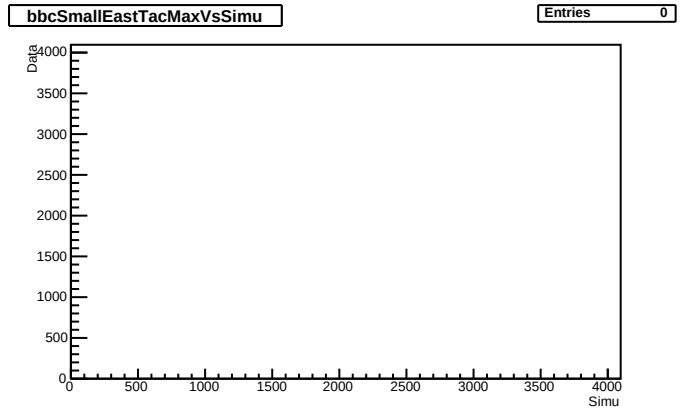

EQ3 QTC
Entries 1.534138e+07
ADC
QT Input Channel

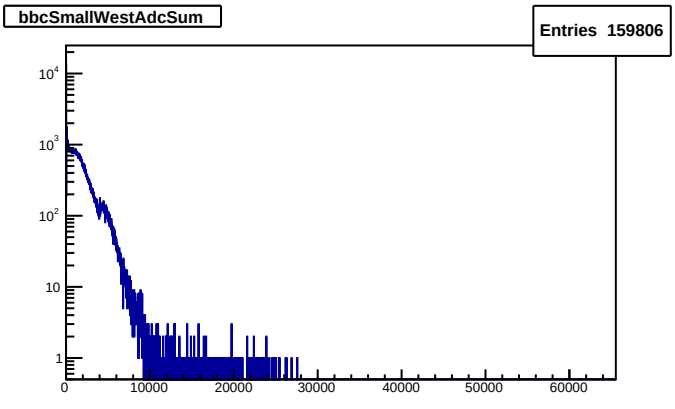

EQ3 QTC
Entries 1.534138e+07
TADC
QT Input Channel

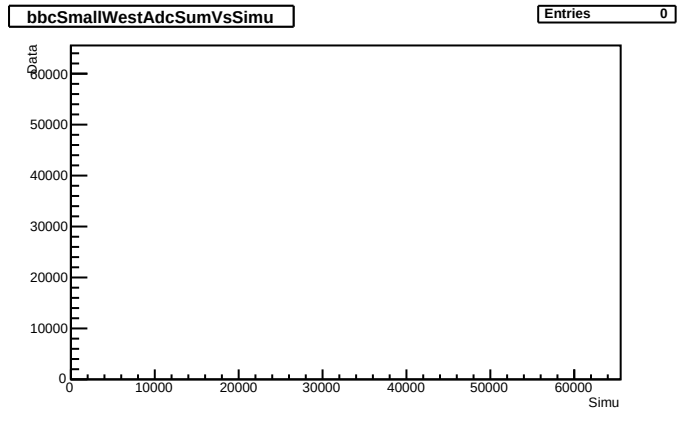

bbcSmallEastAdcSum
Entries 159806

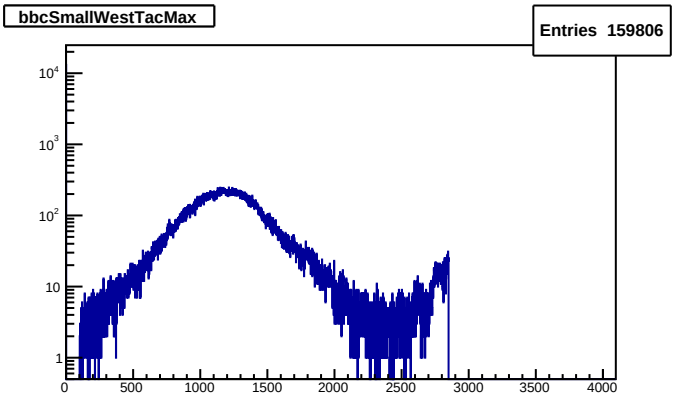

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

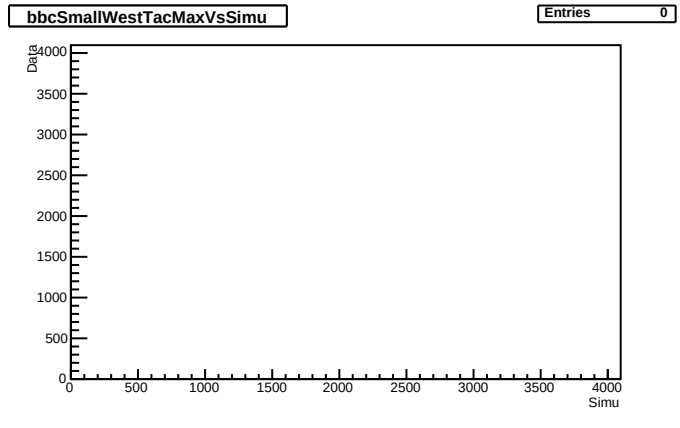

bbcSmallEastTacMax
Entries 159806

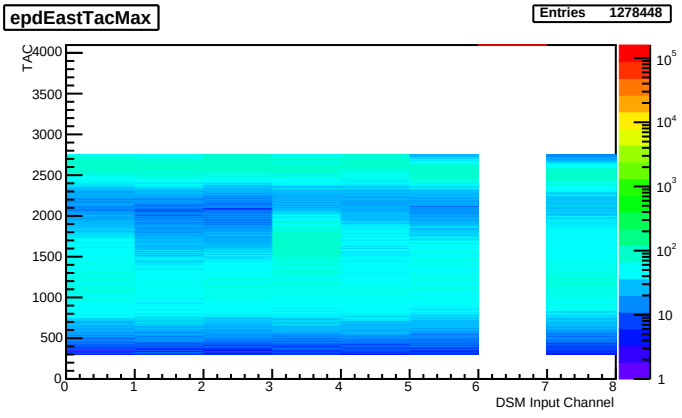

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

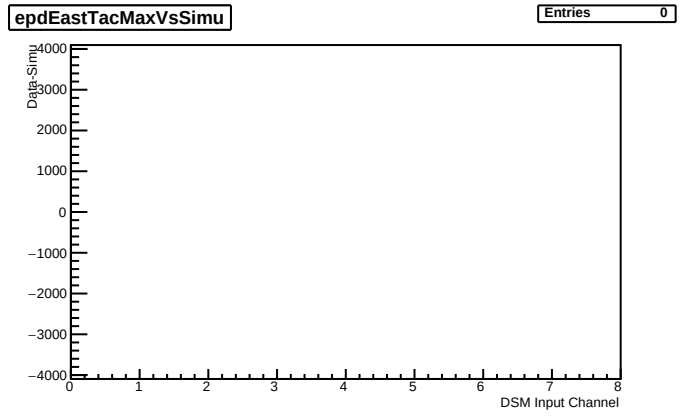

bbcSmallWestAdcSum
Entries 159806

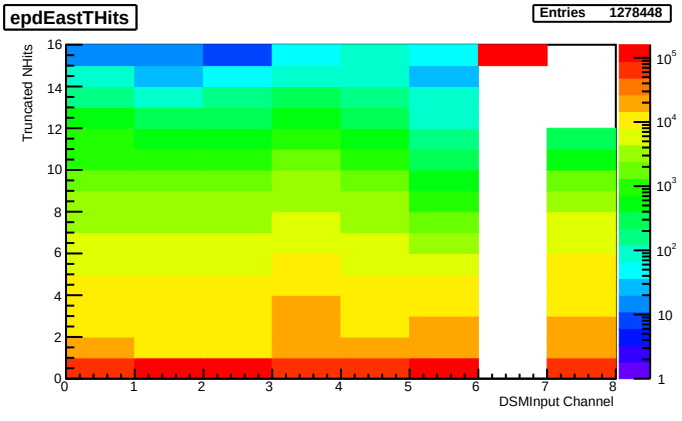

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

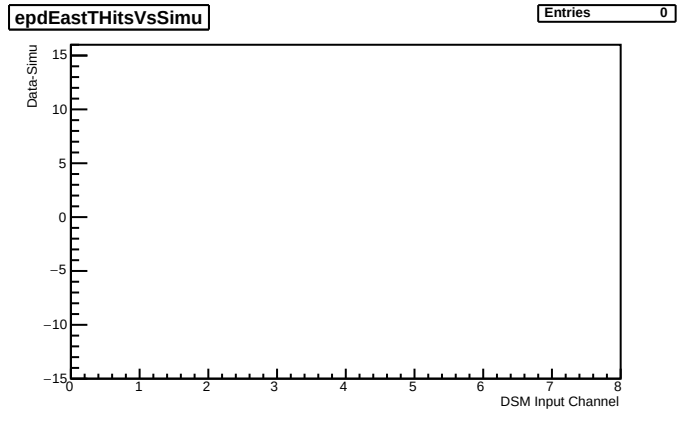

bbcSmallWestTacMax
Entries 159806

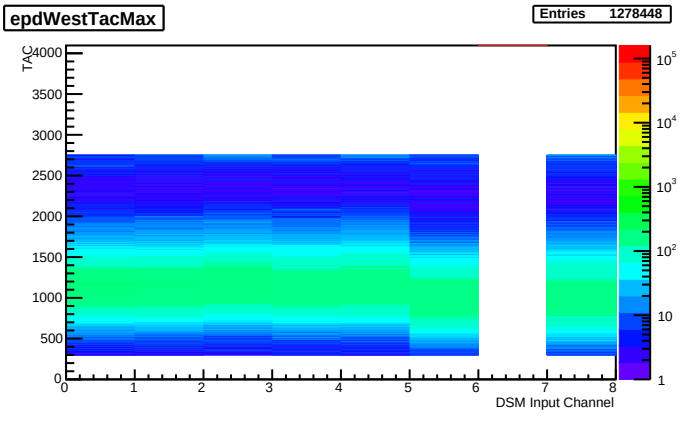

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

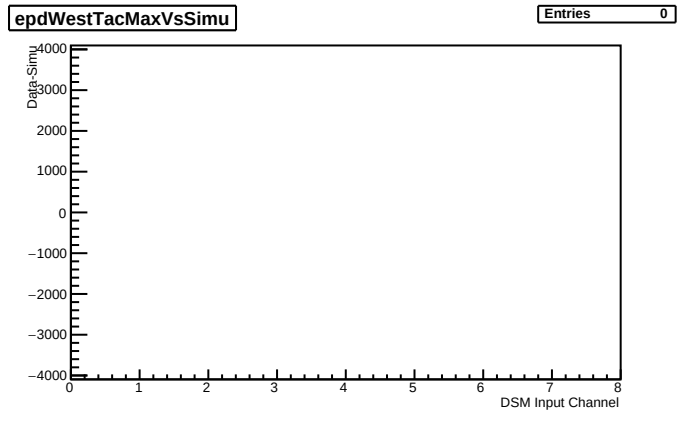

epdEastTacMax
Entries 1278448
TAC
DSM Input Channel

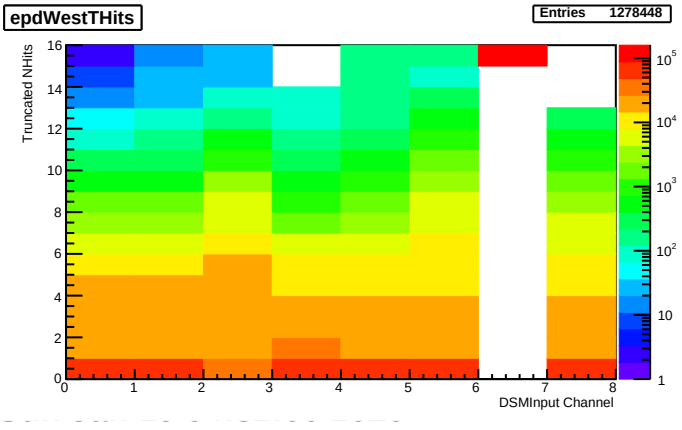

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

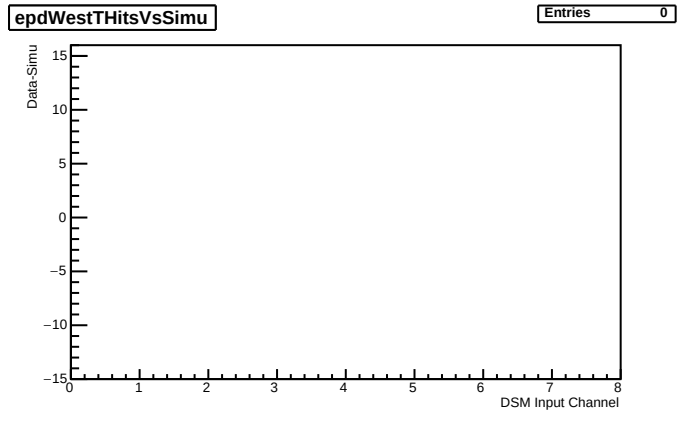

epdEastTHits
Entries 1278448
Truncated NHits
DSMInput Channel

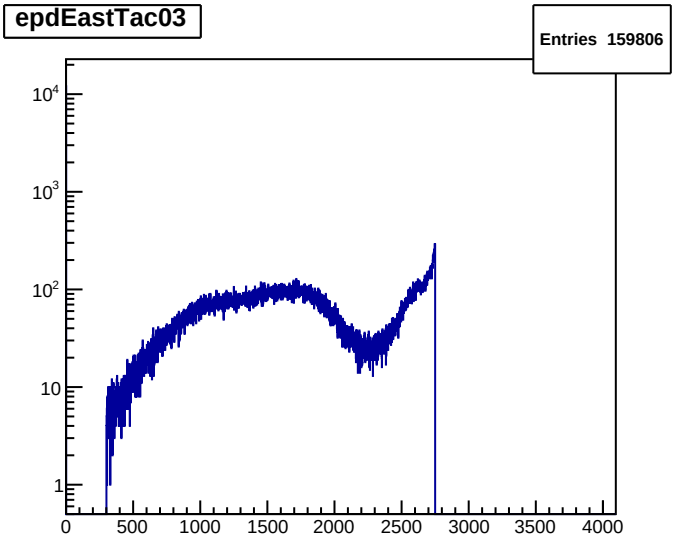

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

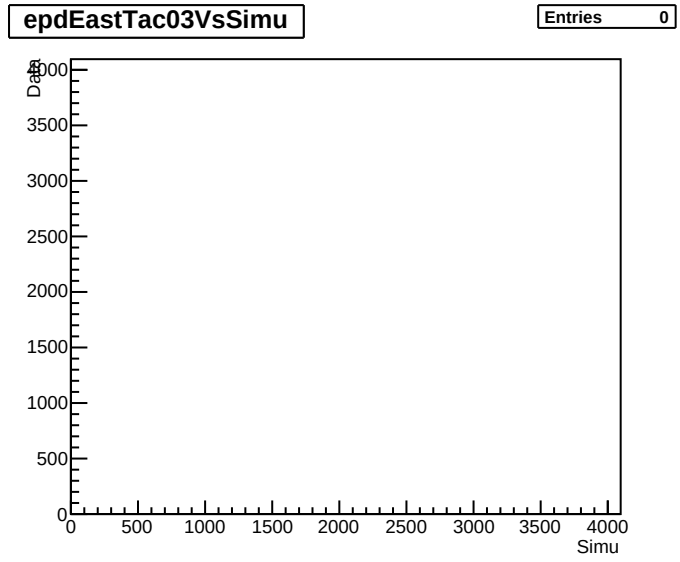

epdWestTacMax
Entries 1278448
TAC
DSM Input Channel

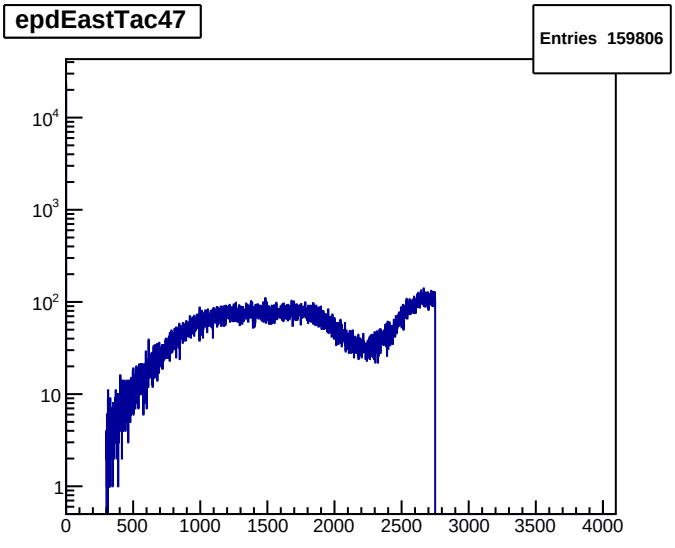

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

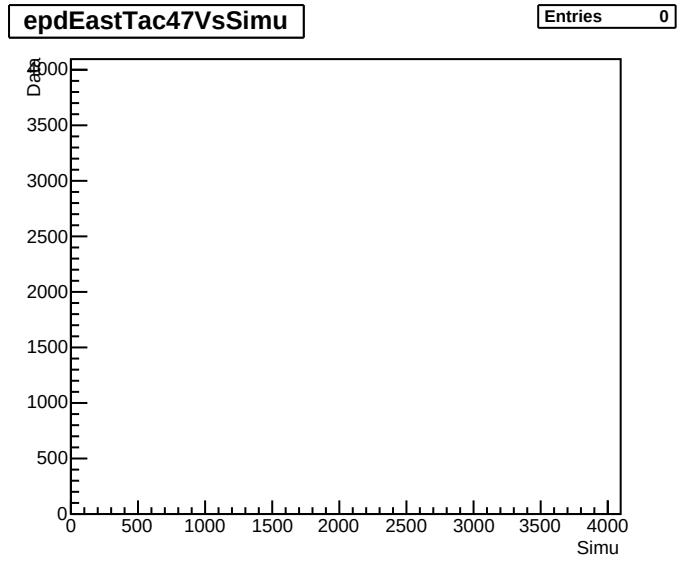

epdWestTHits
Entries 1278448
Truncated NHits
DSMInput Channel

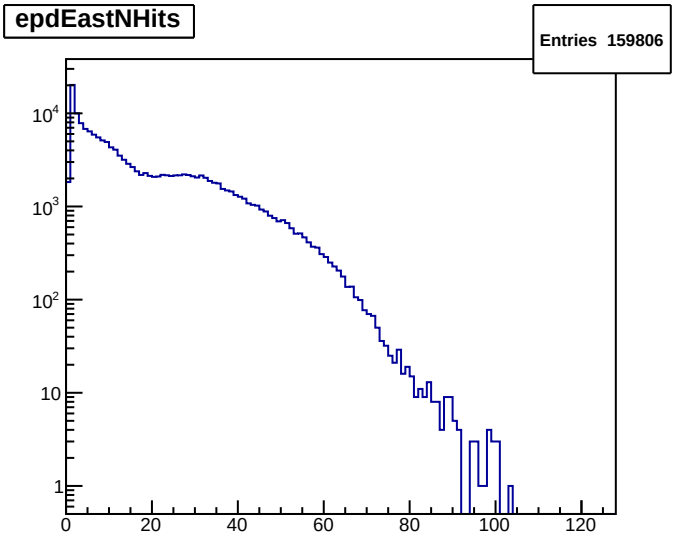

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

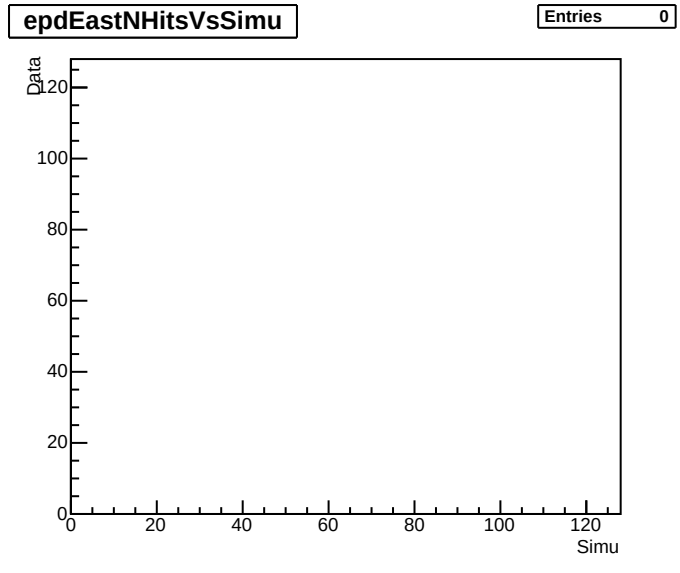

epdEastTac03
Entries 159806

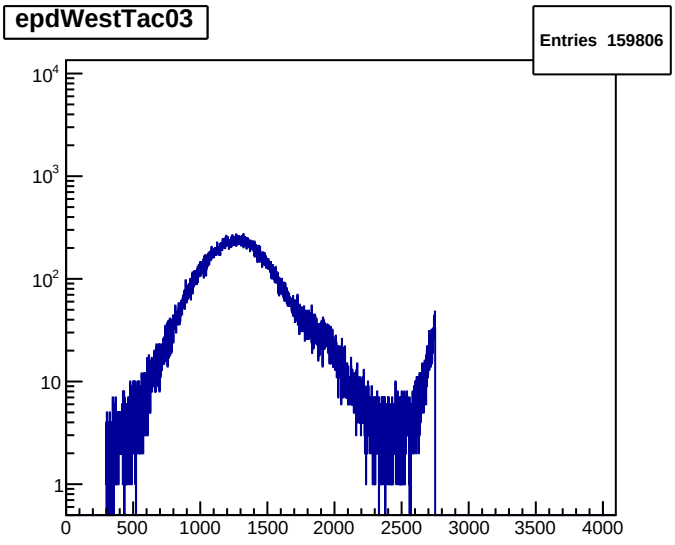

epdEastTac03VsSimu
Entries 0
Data
Simu

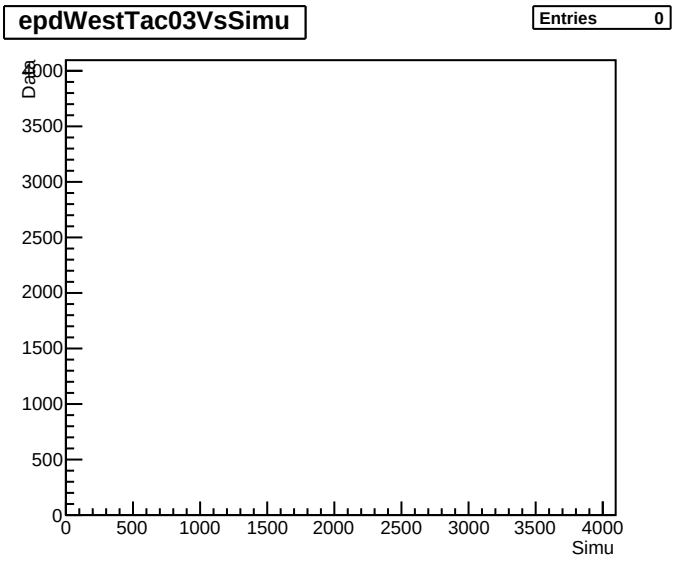

epdEastTac47
Entries 159806

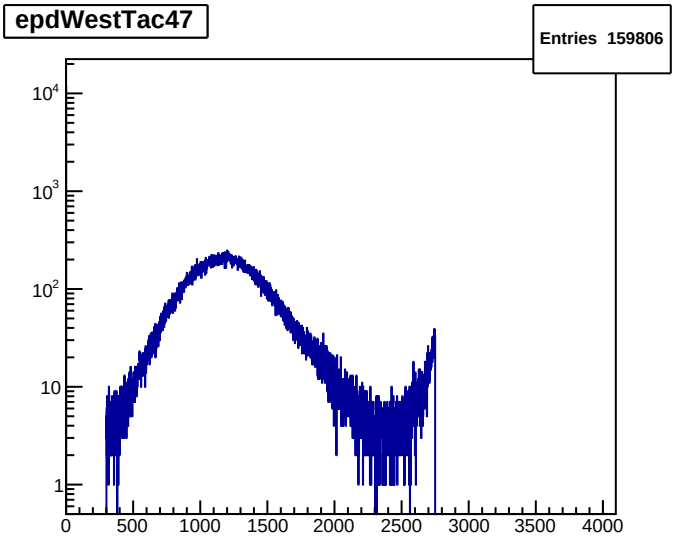

epdEastTac47VsSimu
Entries 0
Data
Simu

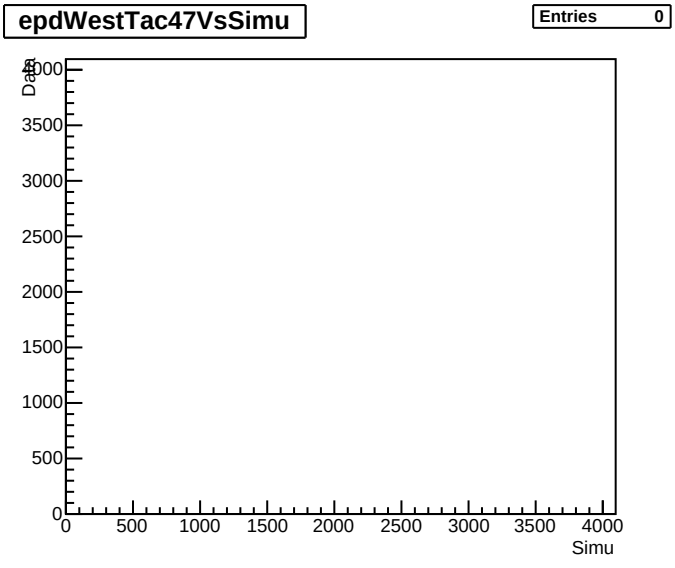

epdEastNHits
Entries 159806

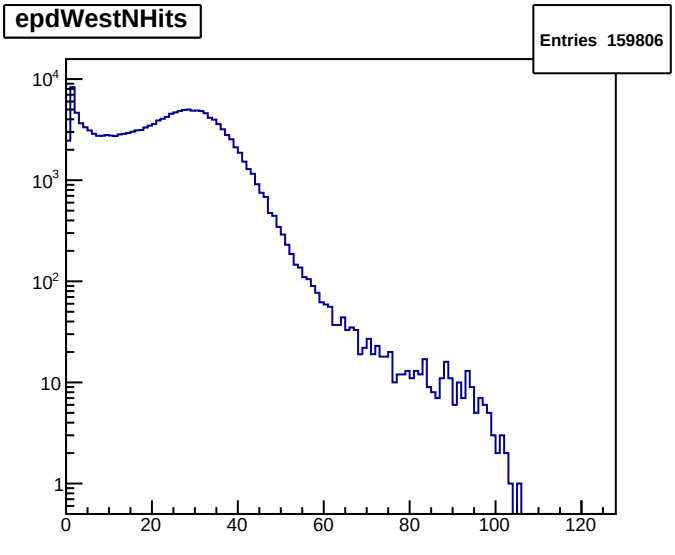

epdEastNHitsVsSimu
Entries 0
Data
Simu

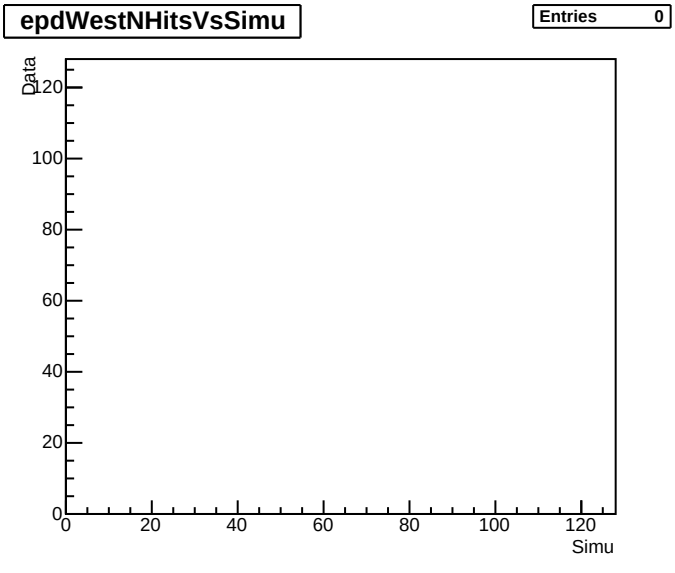

epdWestTac03
Entries 159806

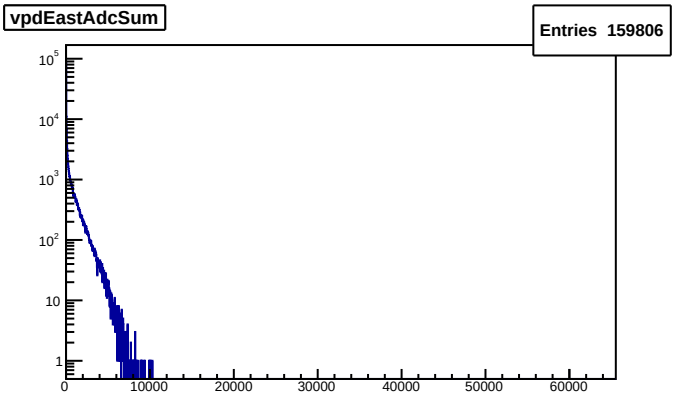

epdWestTac03VsSimu
Entries 0
Data
Simu

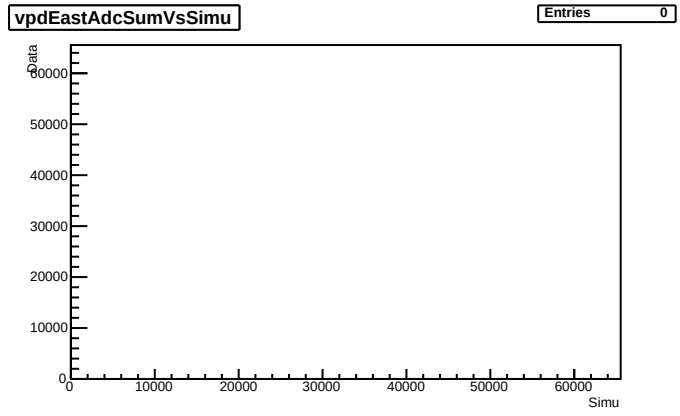

epdWestTac47
Entries 159806

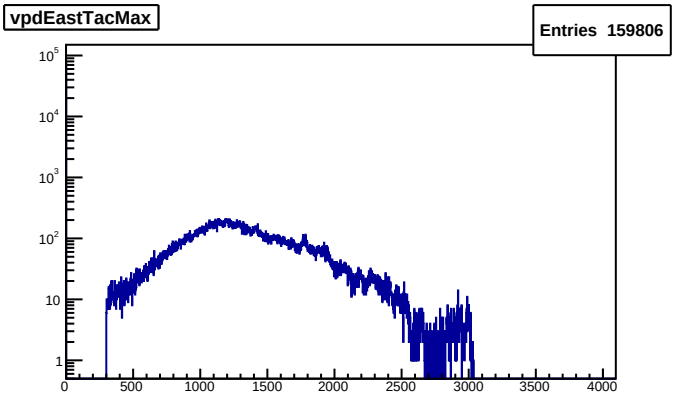

epdWestTac47VsSimu
Entries 0
Data
Simu

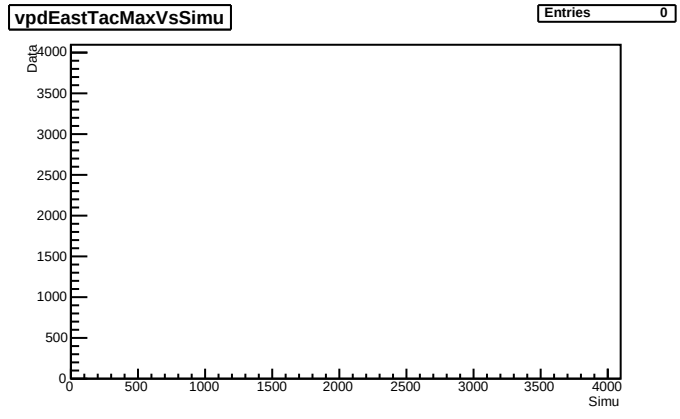

epdWestNHits
Entries 159806

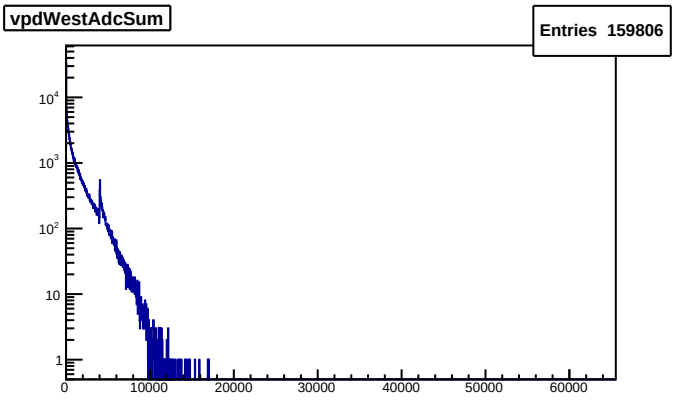

epdWestNHitsVsSimu
Entries 0
Data
Simu

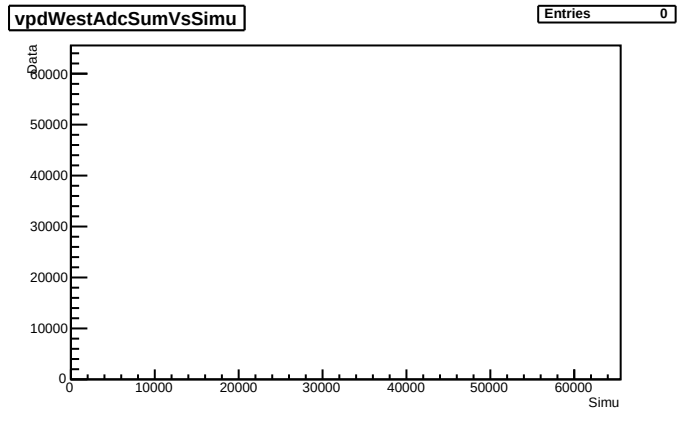

vpdEastAdcSum
Entries 159806

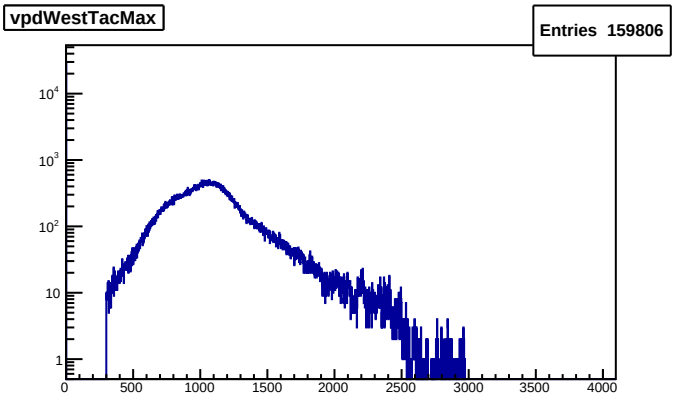

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

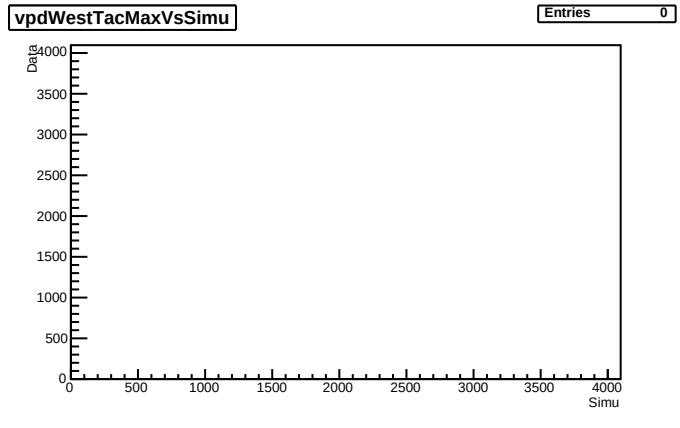

vpdEastTacMax
Entries 159806

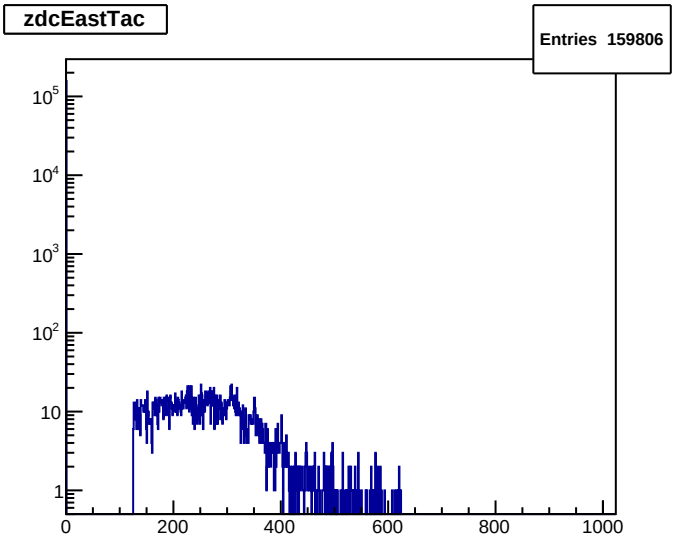

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

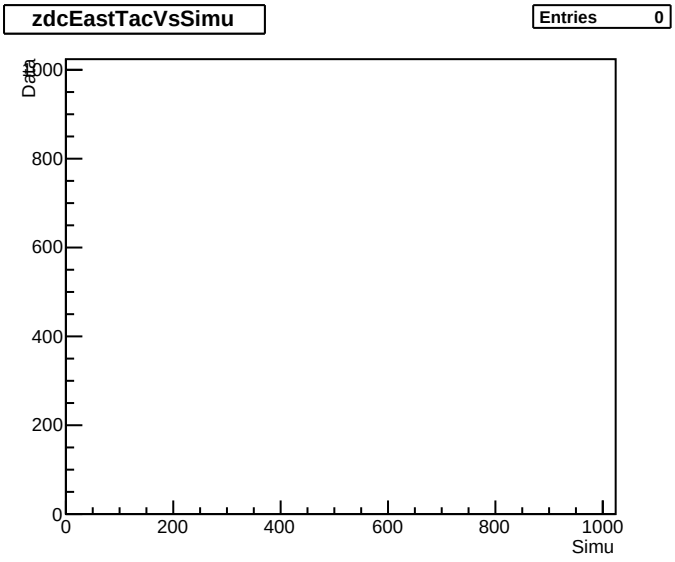

vpdWestAdcSum
Entries 159806

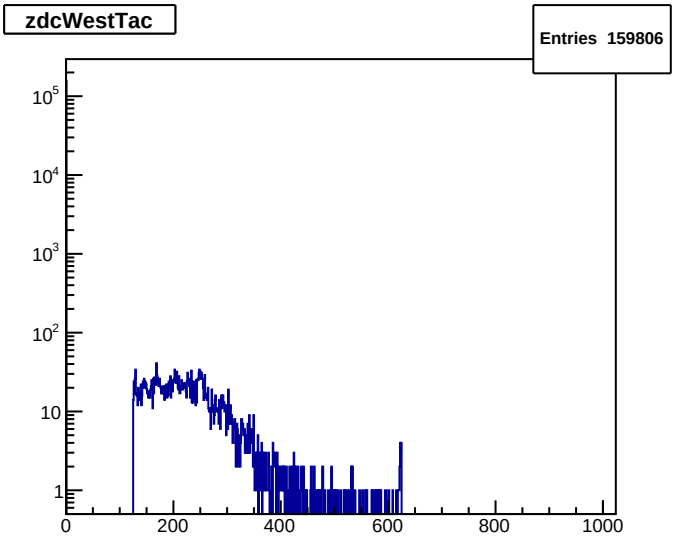

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

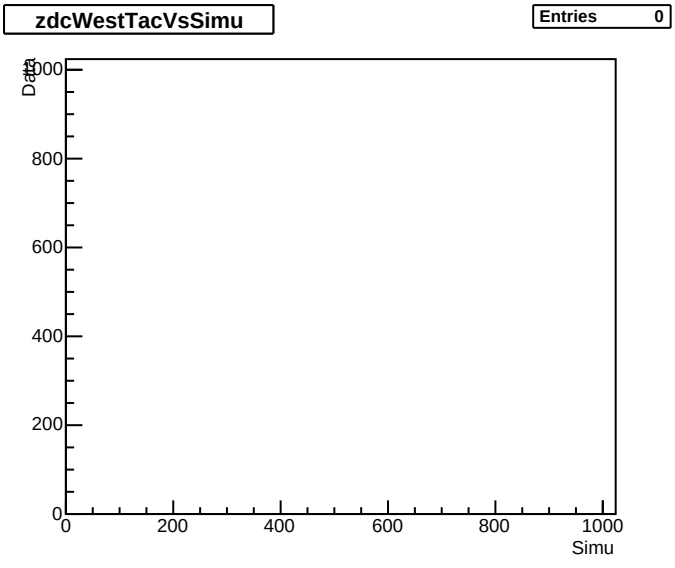

vpdWestTacMax
Entries 159806

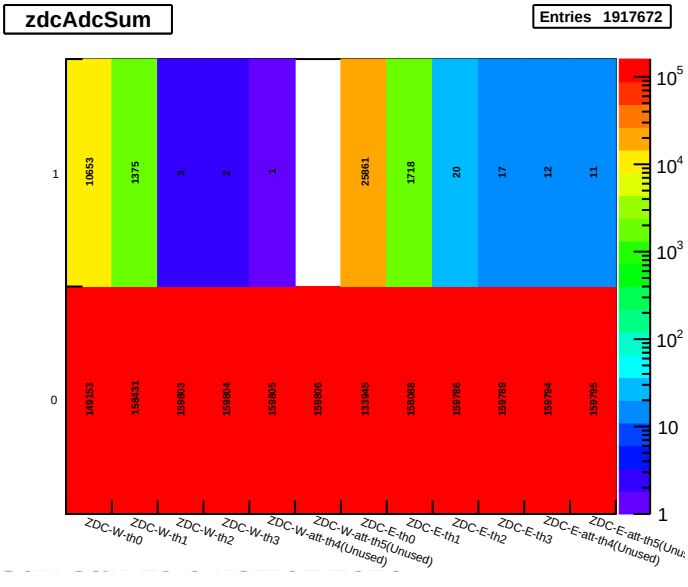

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

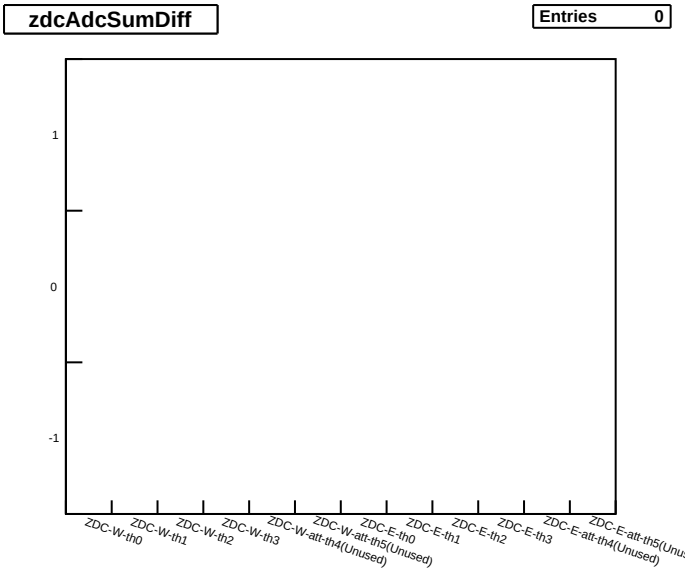

zdcEastTac
Entries 159806

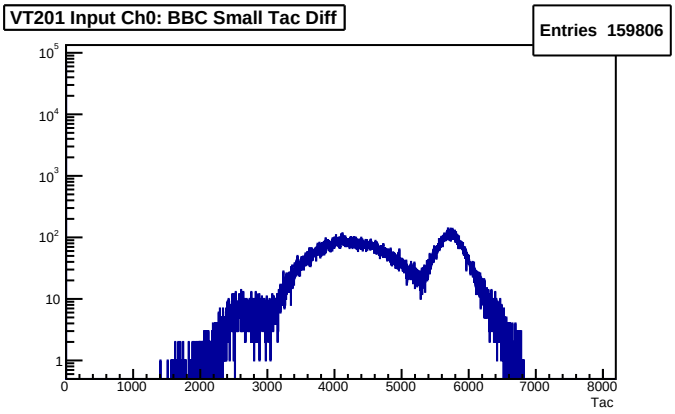

zdcEastTacVsSimu
Entries 0
Data
Simu

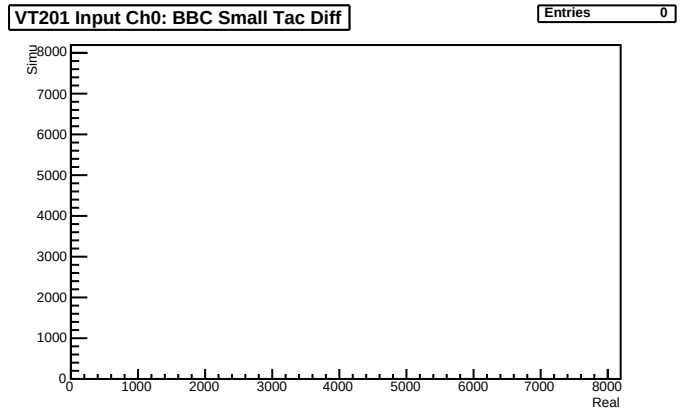

zdcWestTac
Entries 159806

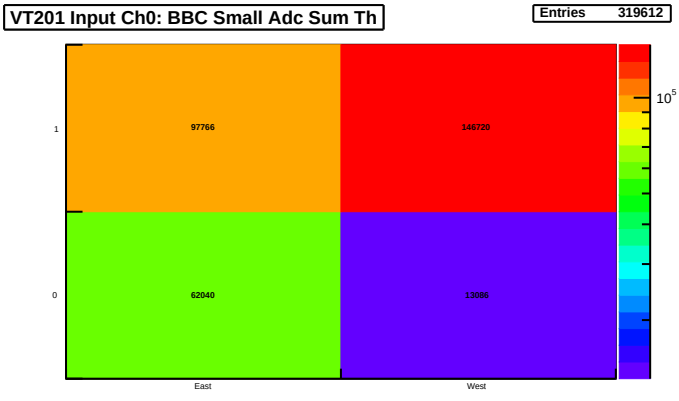

zdcWestTacVsSimu
Entries 0
Data
Simu

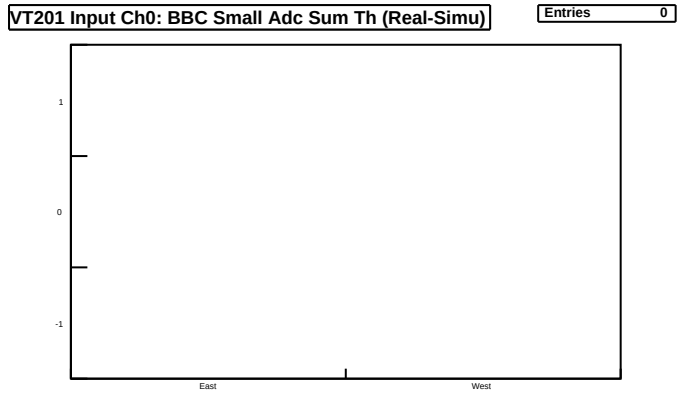

zdcAdcSum
Entries 1917672
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

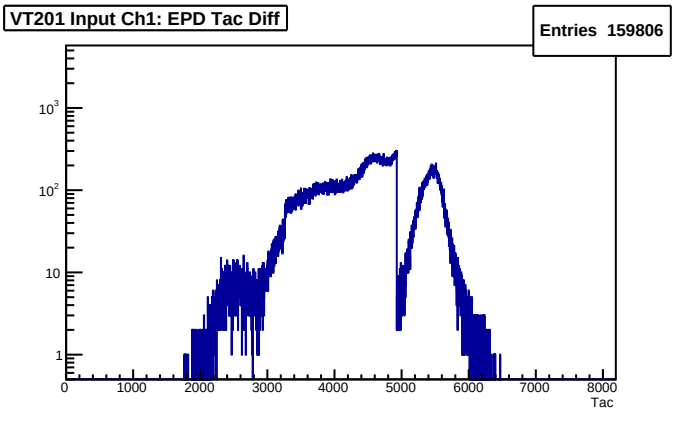

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

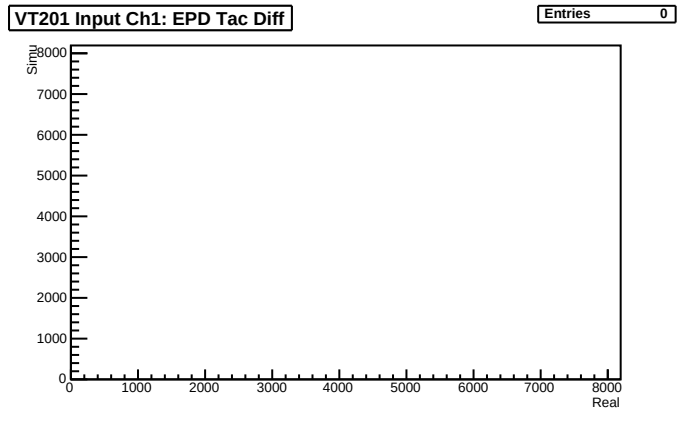

VT201 Input Ch0: BBC Small Tac Diff
Entries 159806
Tac

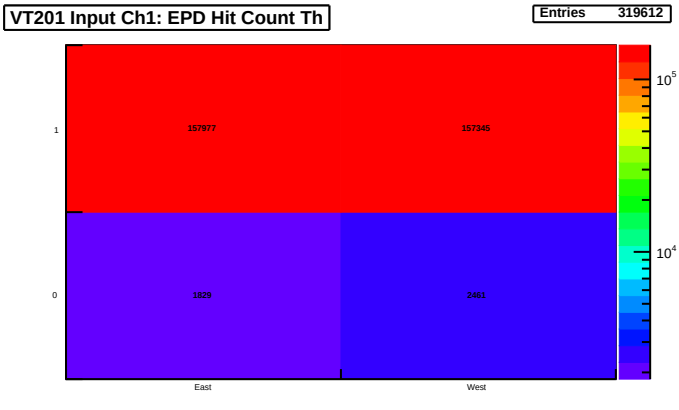

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

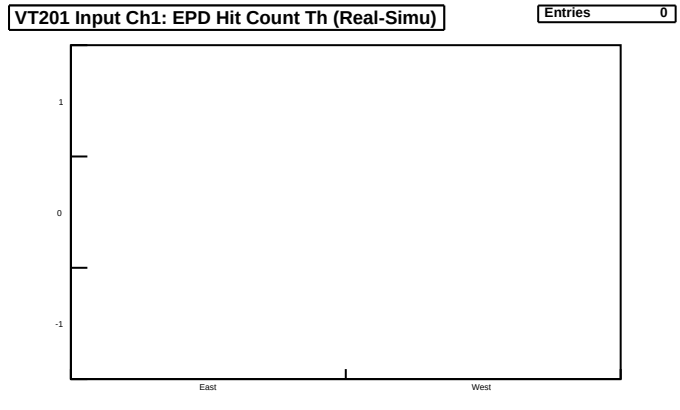

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 319612
97766
146720
62040
13086
East
West

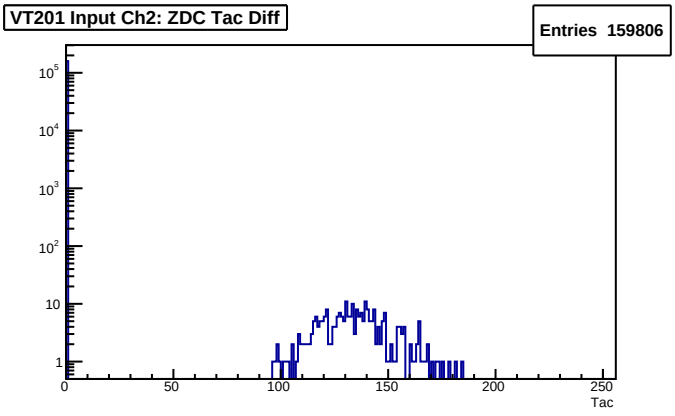

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

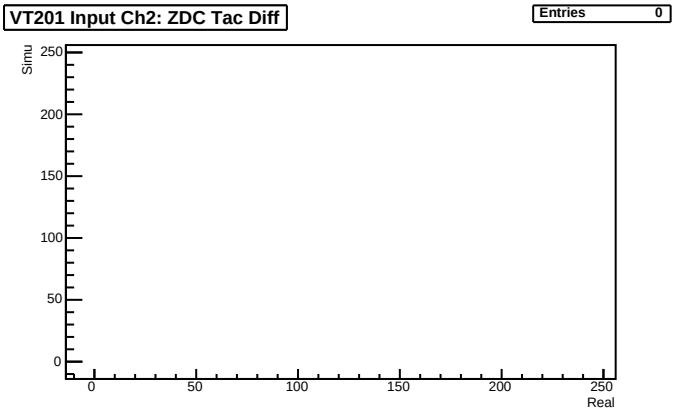

VT201 Input Ch1: EPD Tac Diff
Entries 159806
Tac

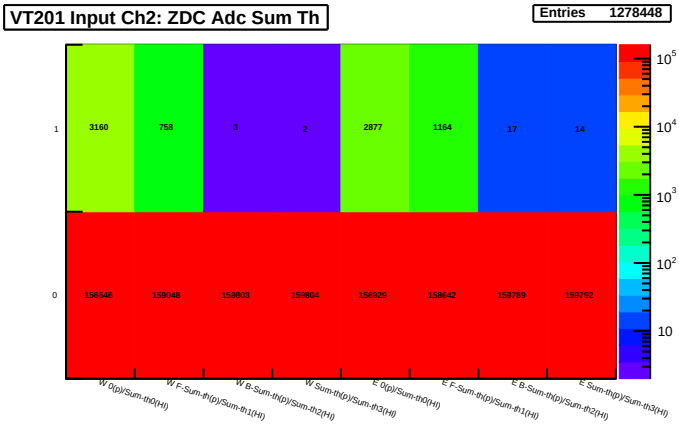

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

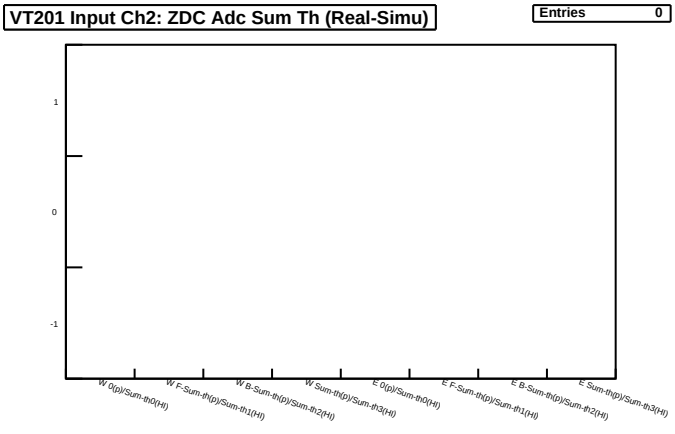

VT201 Input Ch1: EPD Hit Count Th
Entries 319612
157977
157345
1829
2461
East
West

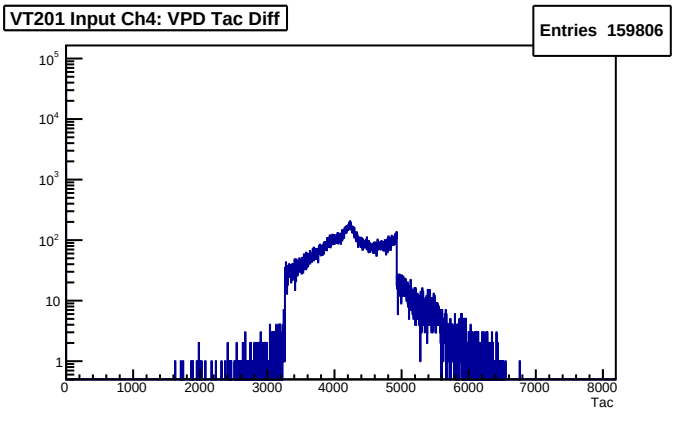

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

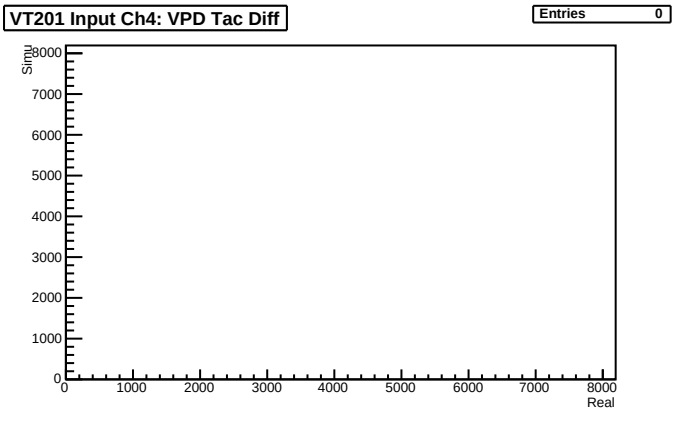

VT201 Input Ch2: ZDC Tac Diff
Entries 159806
Tac

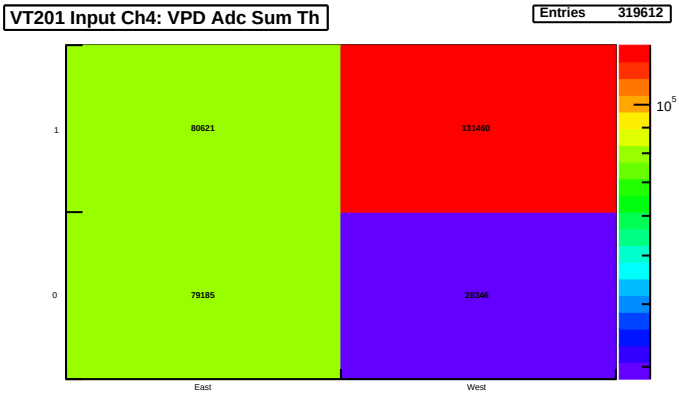

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

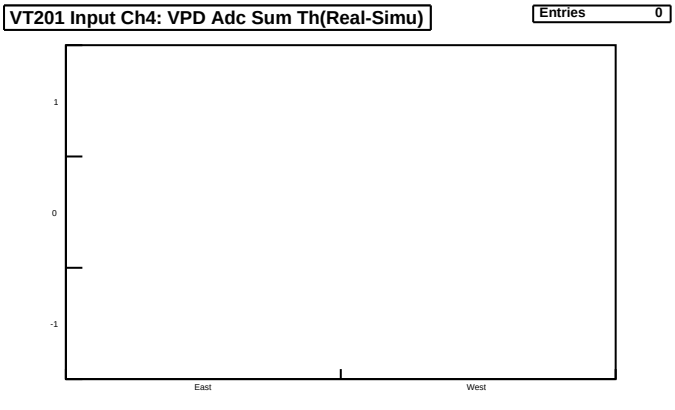

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1278448
3160
758
3
2
2877
1164
17
14
156646
159048
159803
159804
156929
158642
159789
159792
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

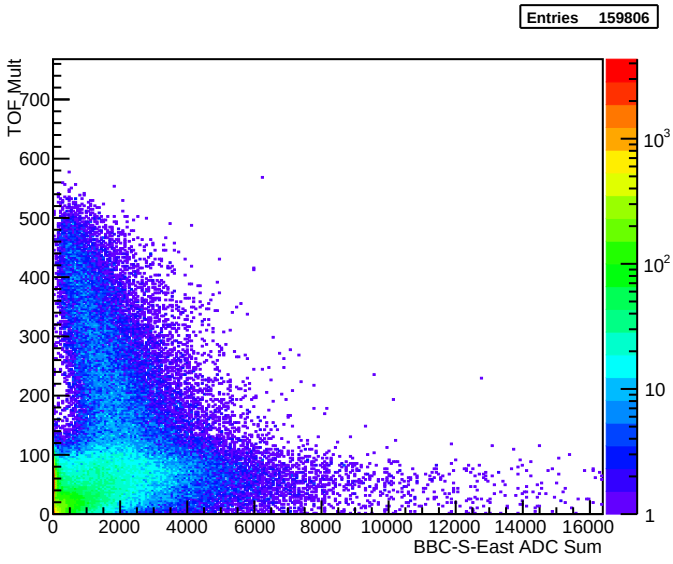

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

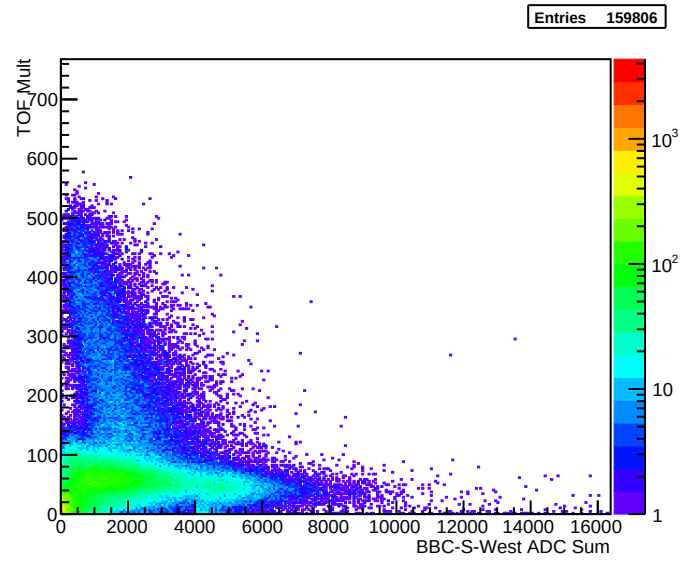

VT201 Input Ch4: VPD Tac Diff
Entries 159806
Tac

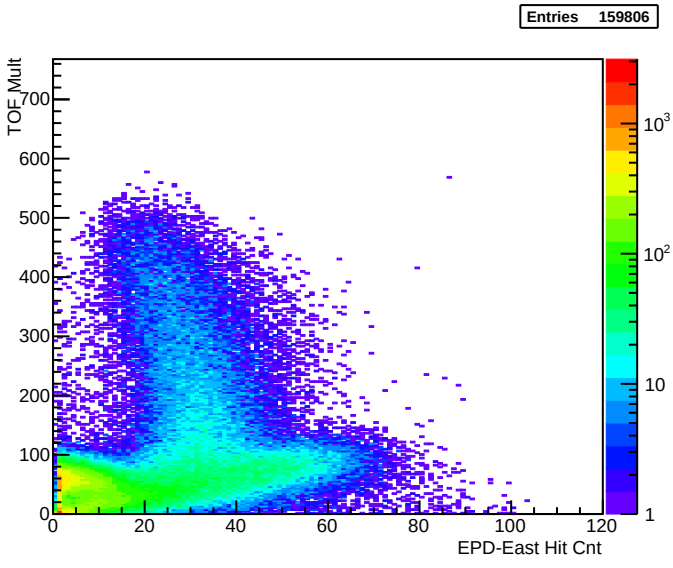

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

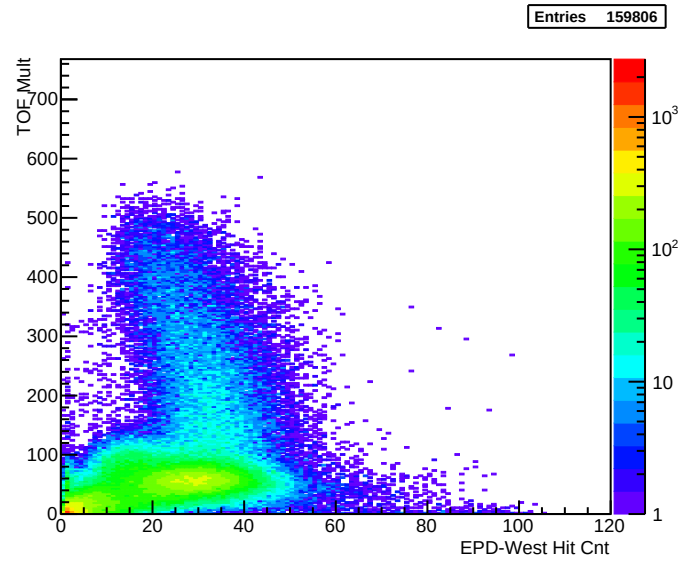

VT201 Input Ch4: VPD Adc Sum Th
Entries 319612
80621
131460
79185
28346
East
West

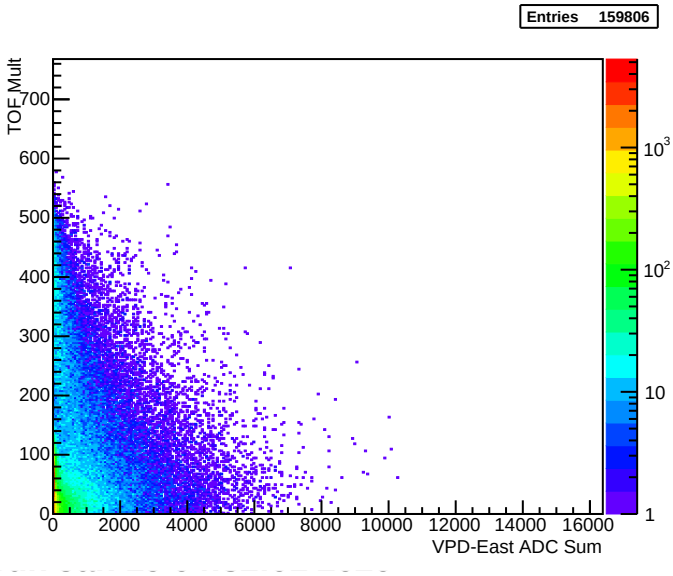

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

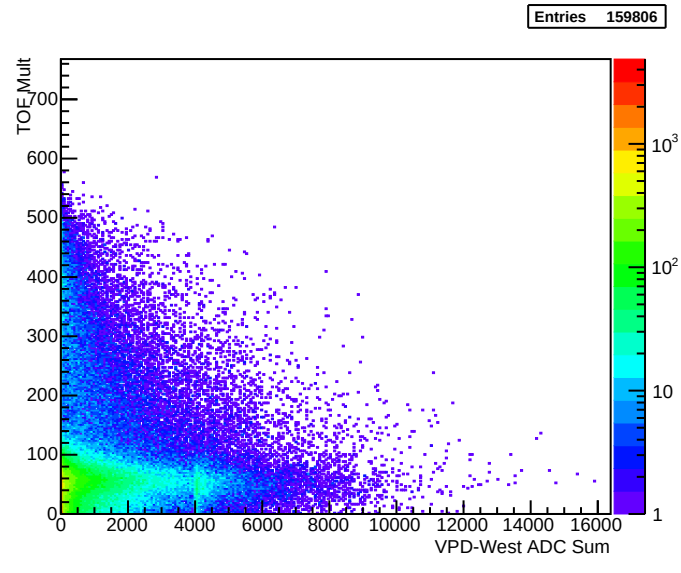

Entries 159806
TOF_Mult
BBC-S-East ADC Sum

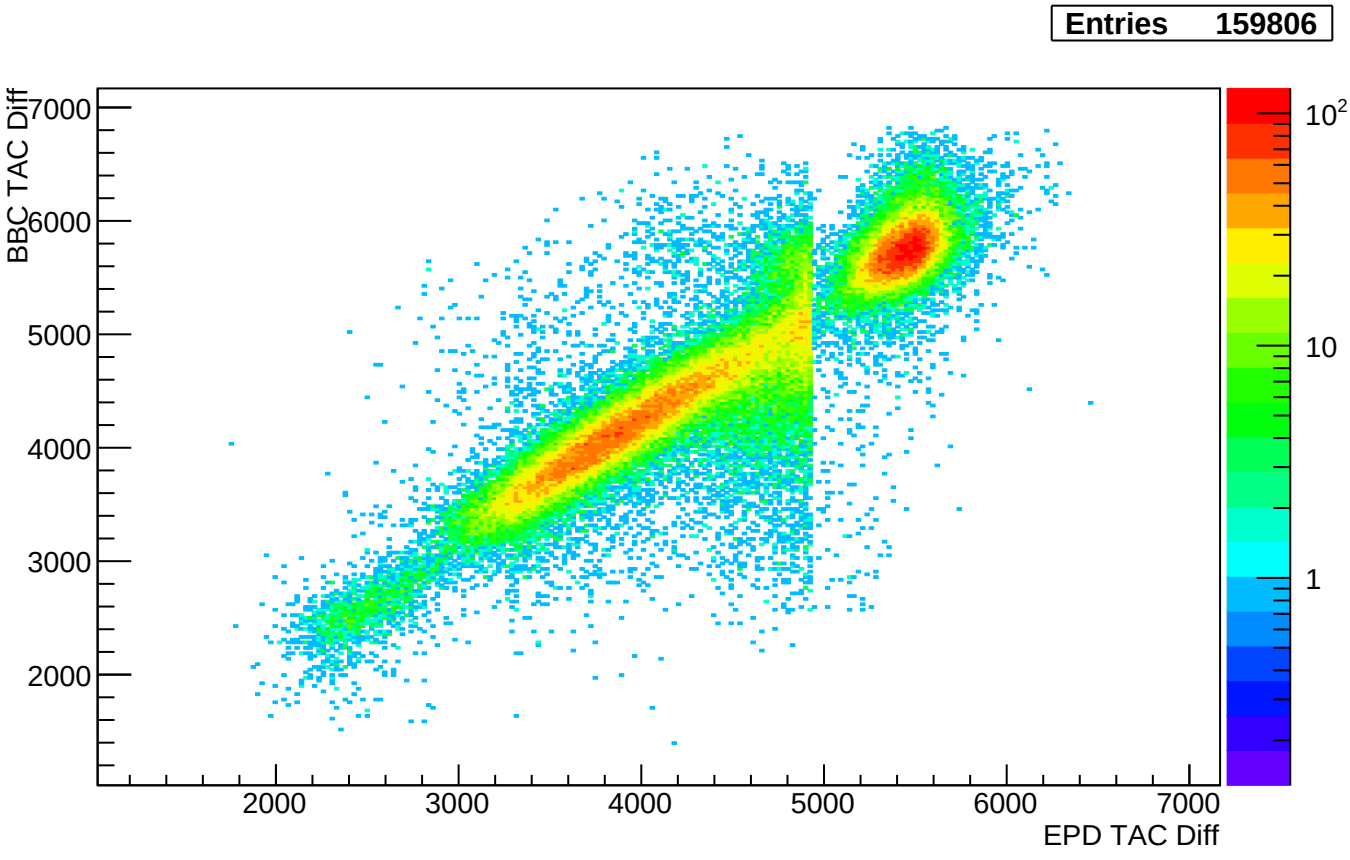

Entries 159806
TOF_Mult
BBC-S-West ADC Sum

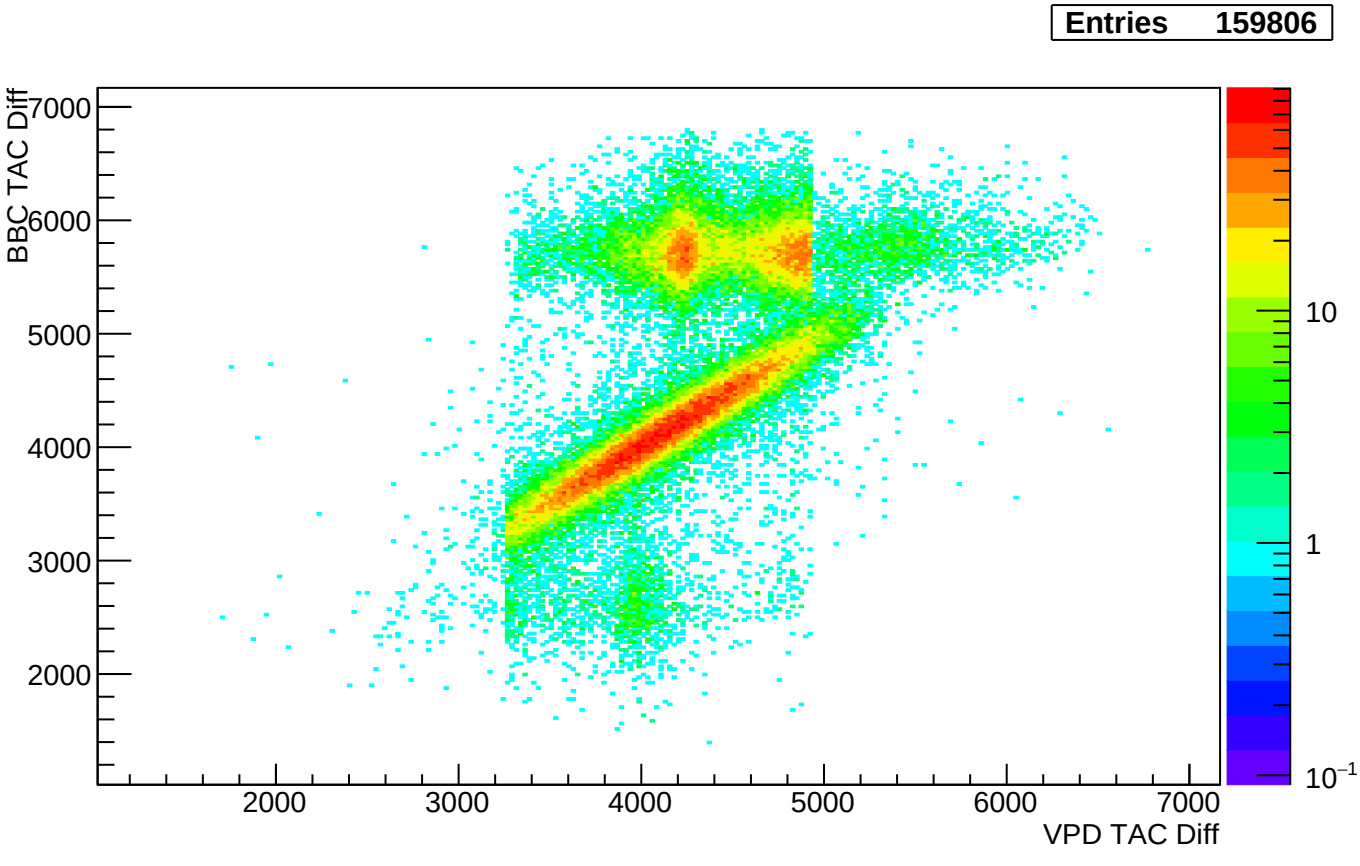

Entries 159806
TOF_Mult
EPD-East Hit Cnt

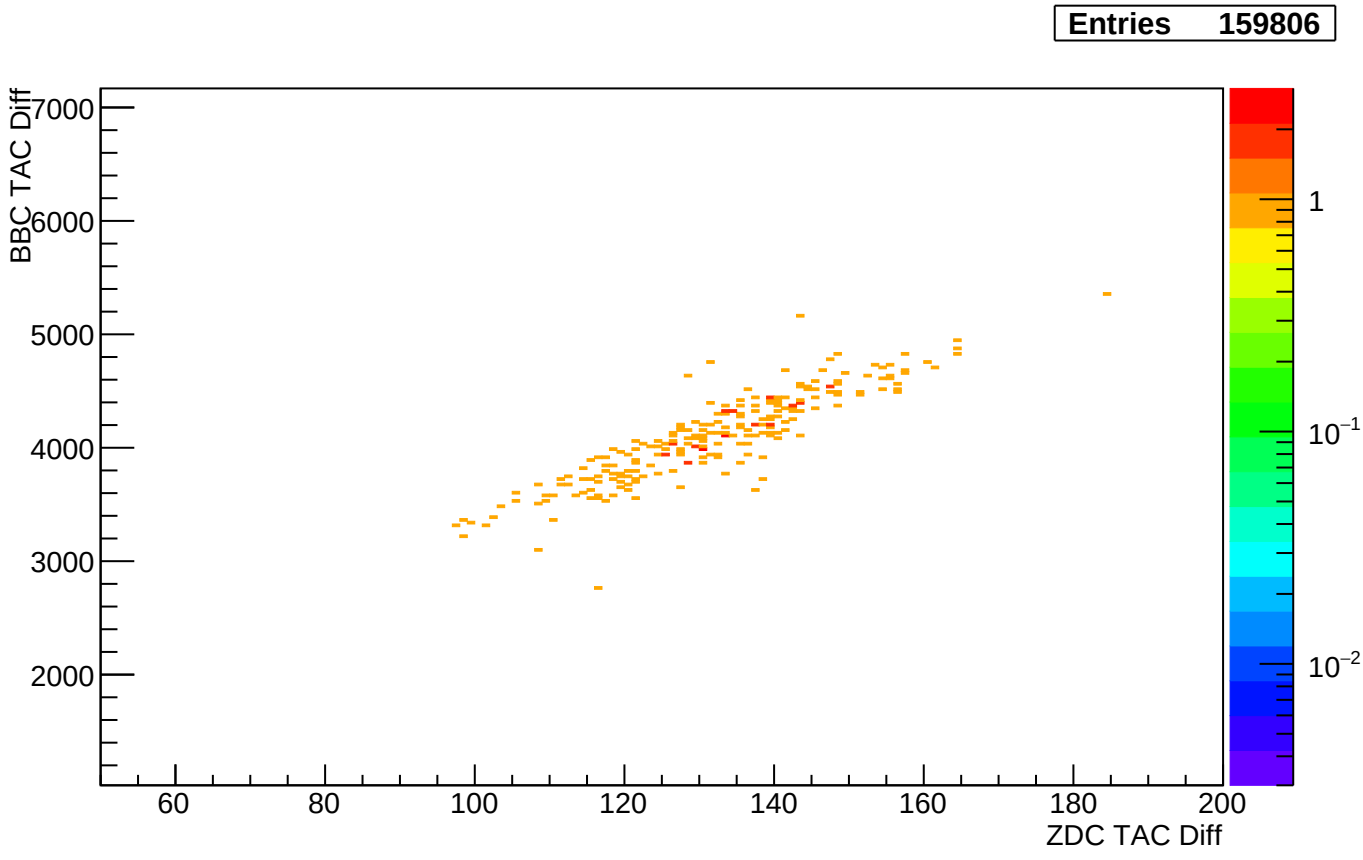

Entries 159806
TOF_Mult
EPD-West Hit Cnt

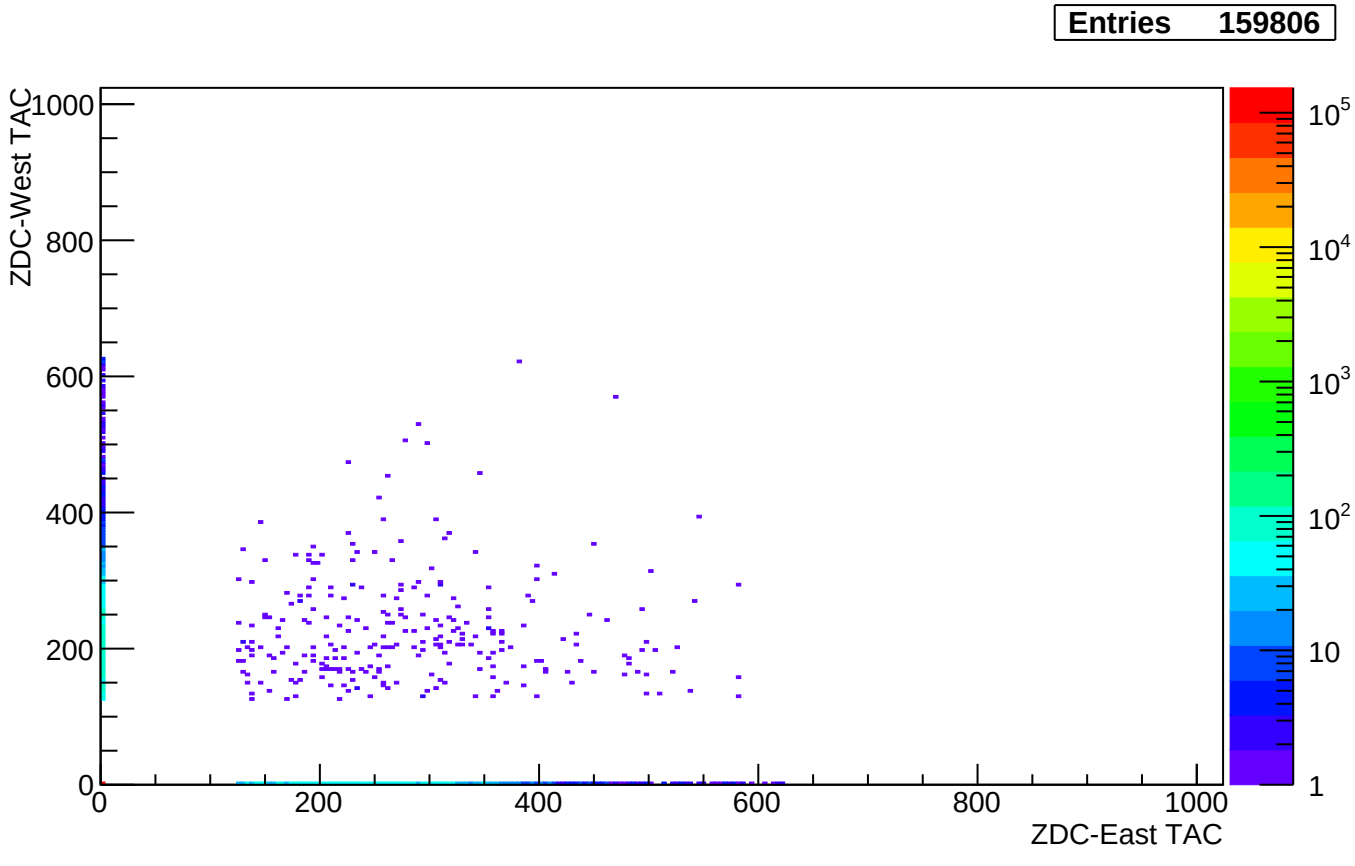

Entries 159806
TOF_Mult
VPD-East ADC Sum

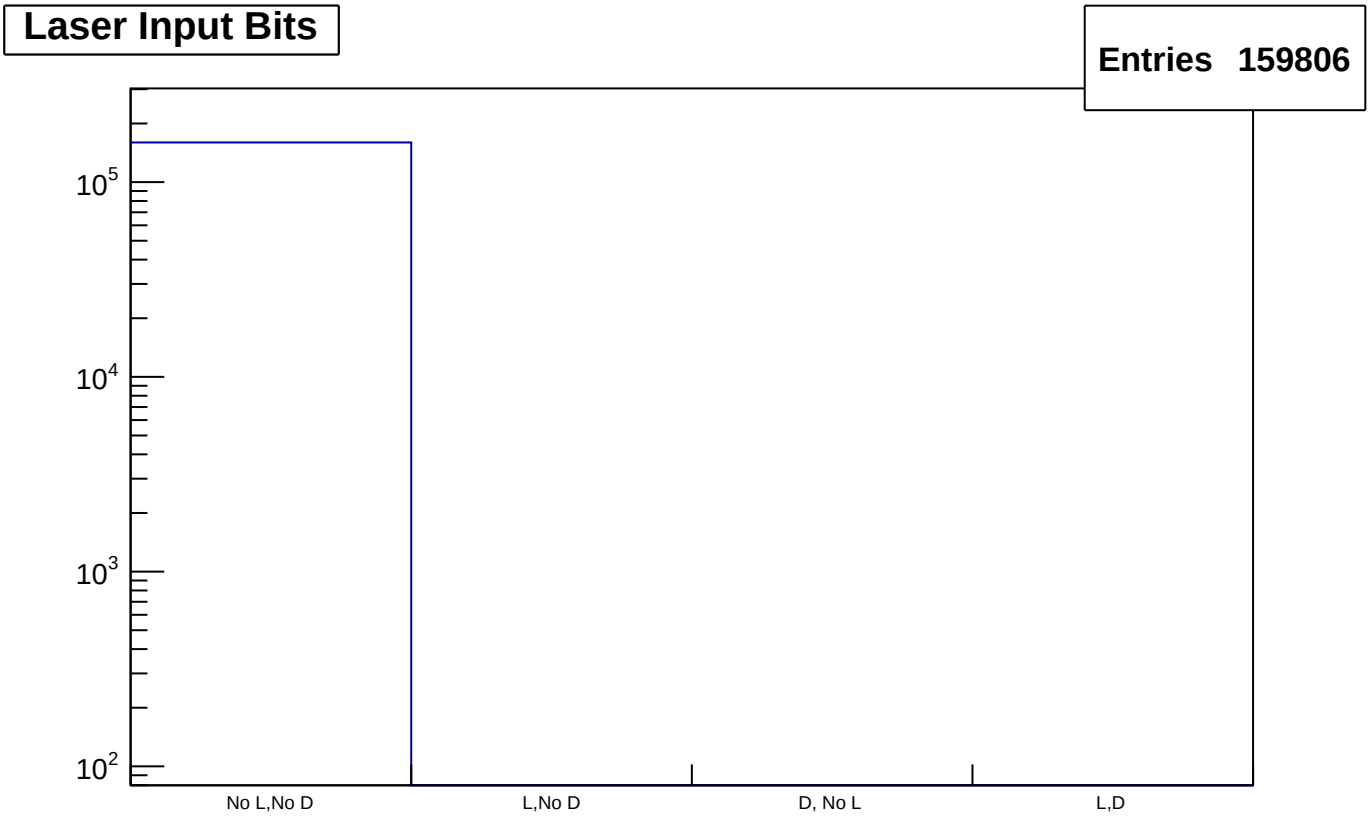

Entries 159806
TOF_Mult
VPD-West ADC Sum

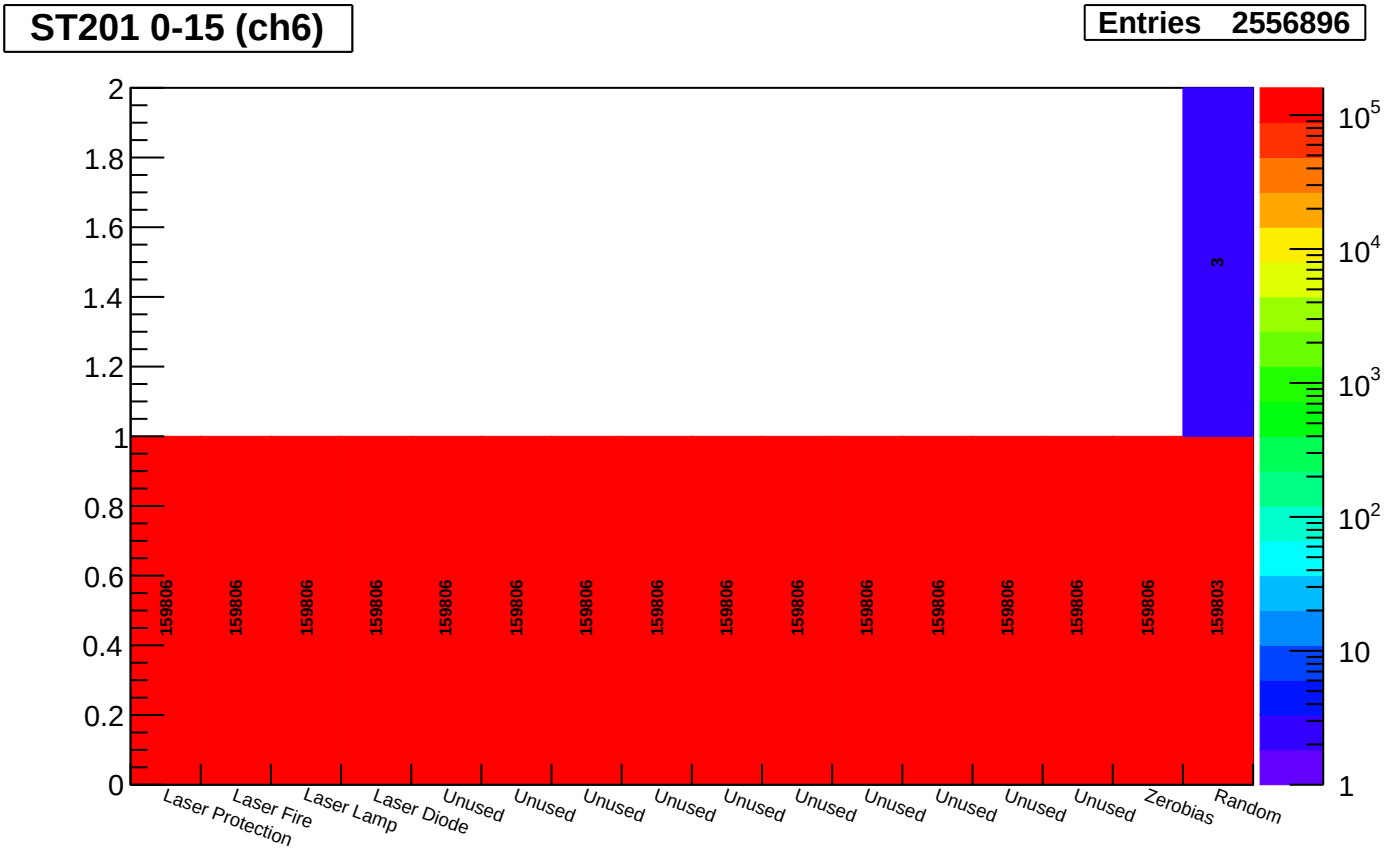

Entries 159806
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

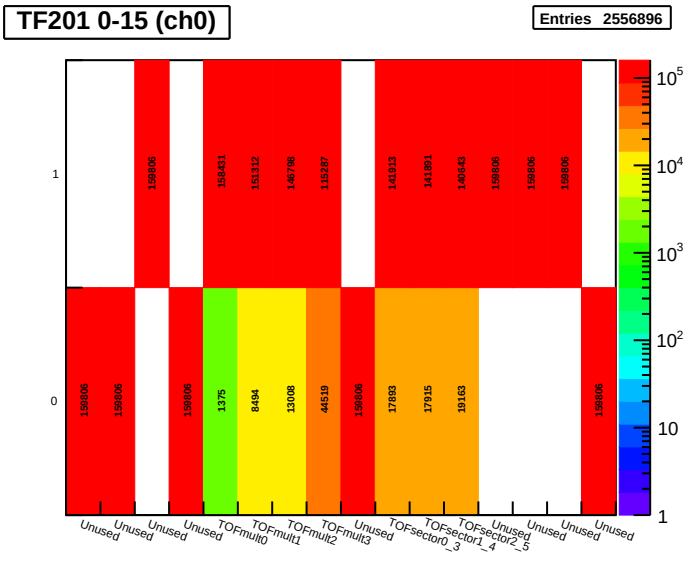

Entries 159806
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

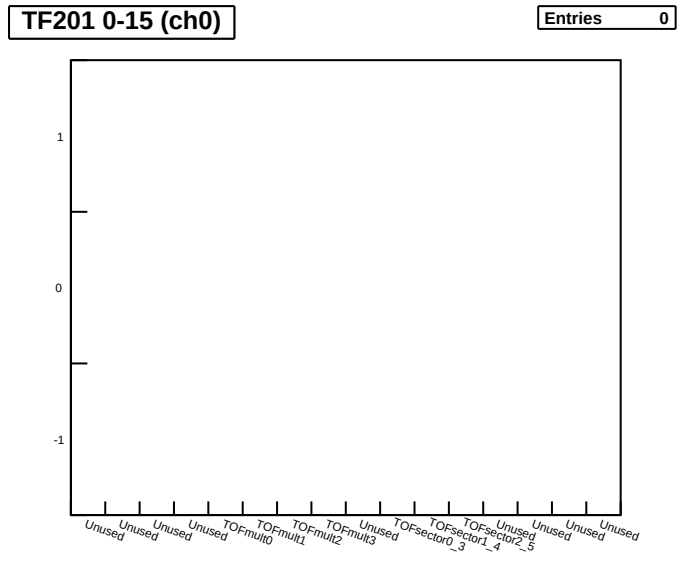

Entries 159806
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

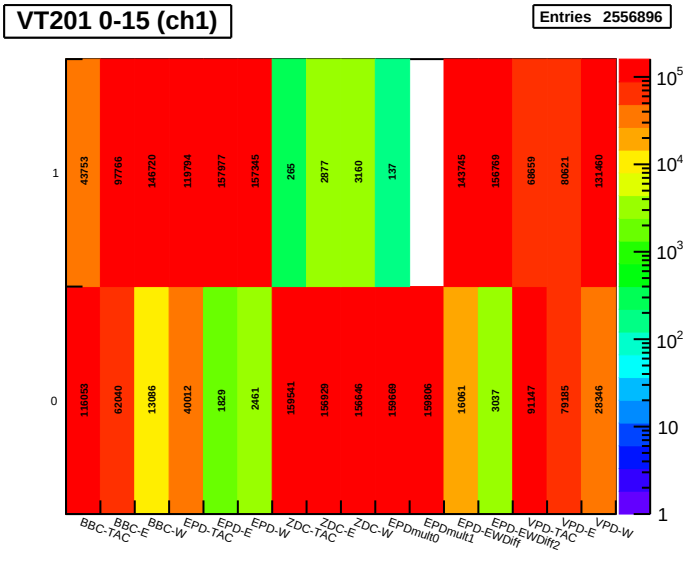

Entries 159806
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

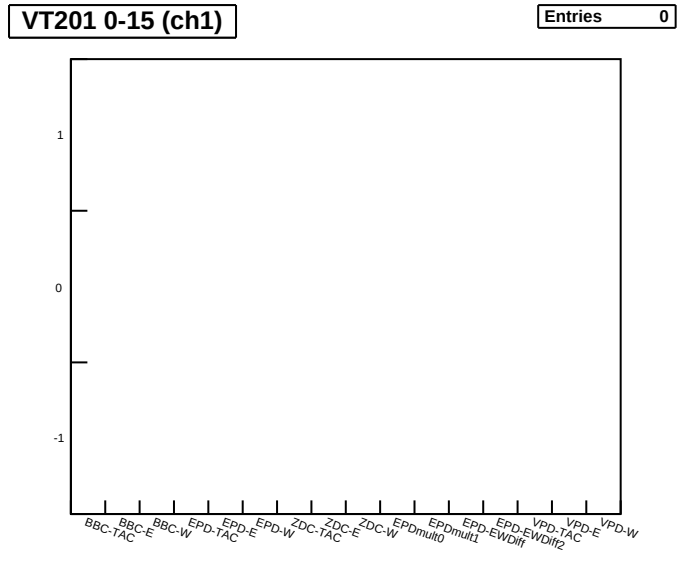

Laser Input Bits
Entries 159806
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

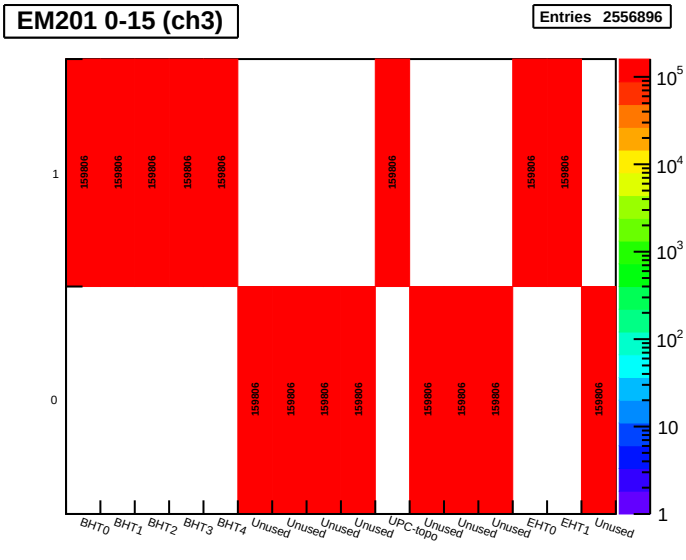

ST201 0-15 (ch6)
Entries 2556896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
159806
159806
159806
159806
159806
159806
159806
159806
159806
159806
159806
159806
159806
159806
159806
159803
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

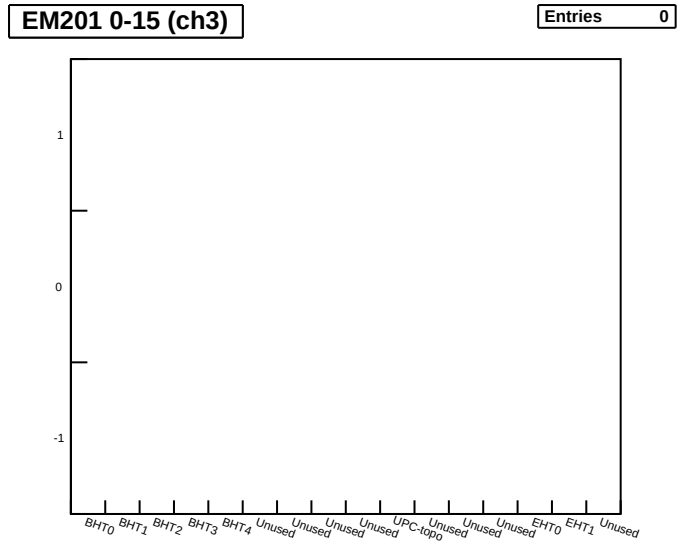

TF201 0-15 (ch0)
Entries 2556896
1
0
159806 159806 159806 159806 158431 151312 146798 115287 159806 159806 159806 159806 141913 141891 140643 159806 159806 159806
159806 159806 159806 1375 8494 13008 44519 159806 17893 17915 19163 159806
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 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 2556896
1
0
43753 97766 146720 119794 157977 157345 265 2877 3160 137 143745 156769 68659 80621 131460
116053 62040 13086 40012 1829 2461 159541 156929 156646 159669 159806 16061 3037 91147 79185 28346
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 2556896
1
0
159806 159806 159806 159806 159806 159806 159806 159806 159806 159806
159806 159806 159806 159806 159806 159806 159806 159806
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