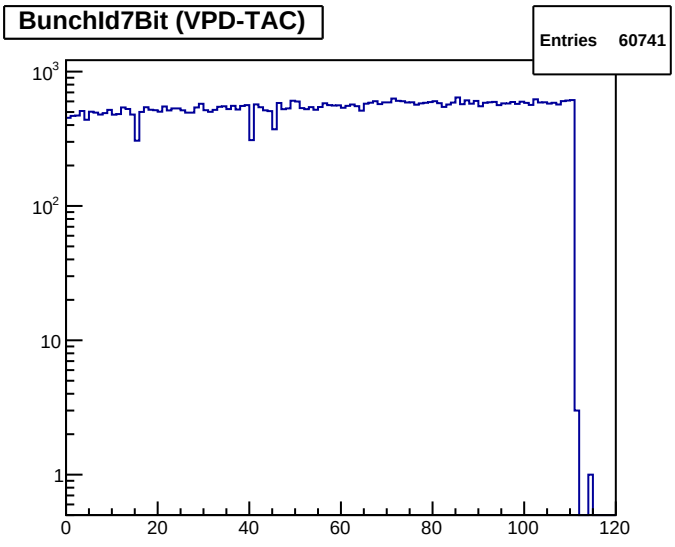
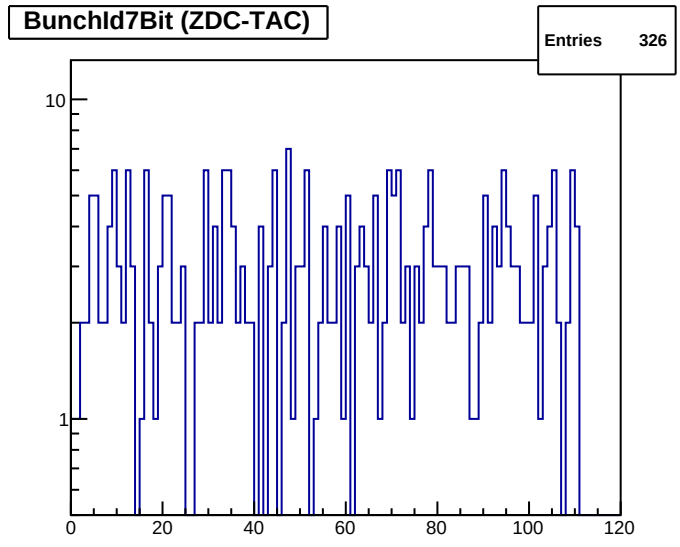
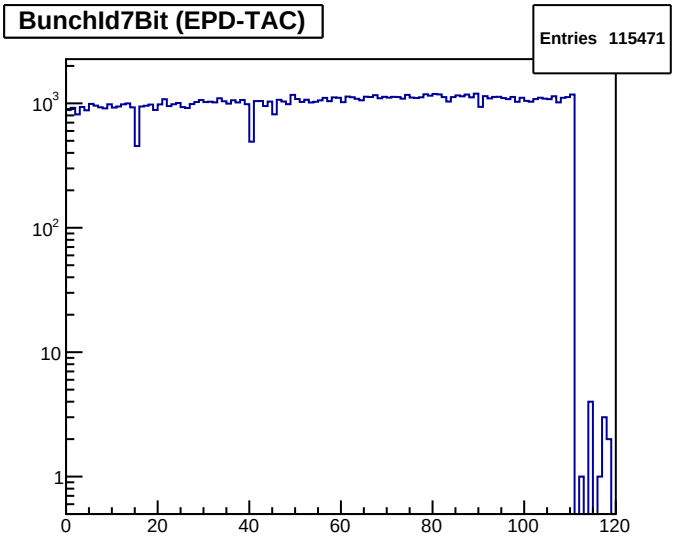
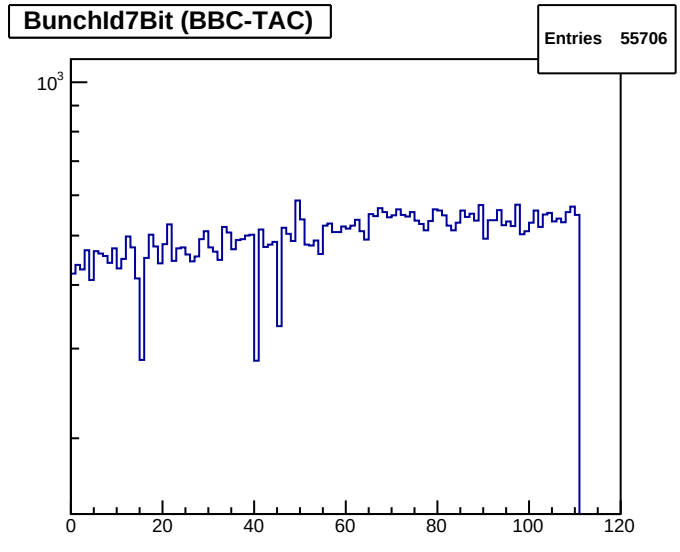
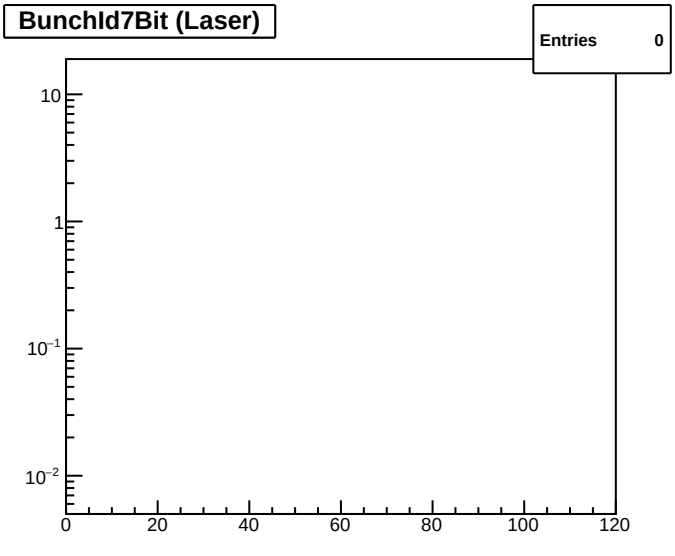
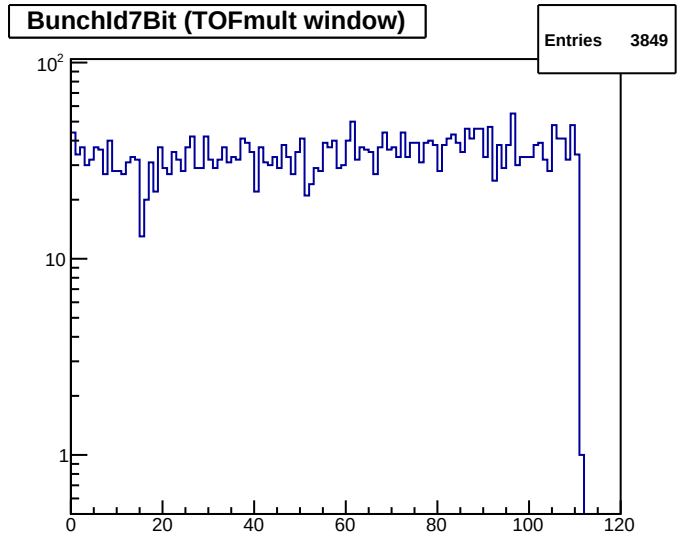

BunchId7Bit (VPD-TAC)
Entries 60741

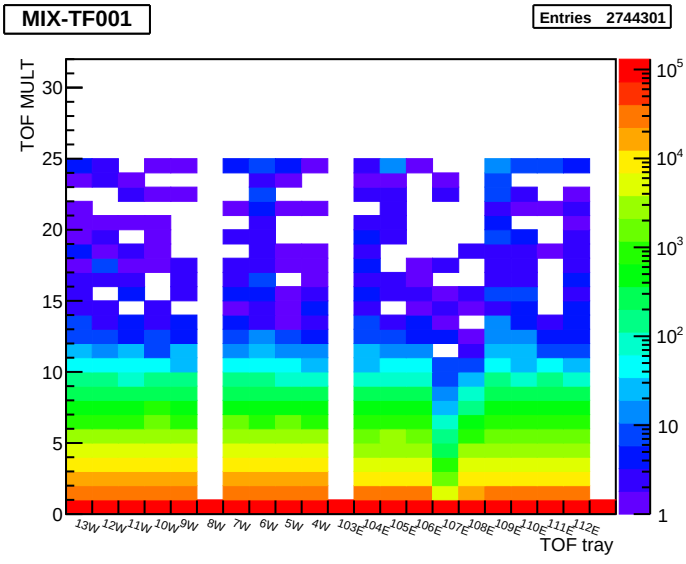

BunchId7Bit (ZDC-TAC)
Entries 326

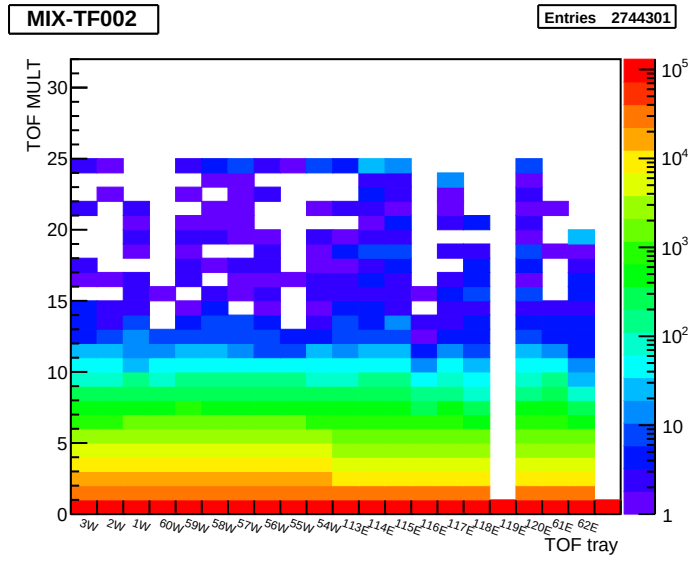

BunchId7Bit (EPD-TAC)
Entries 115471

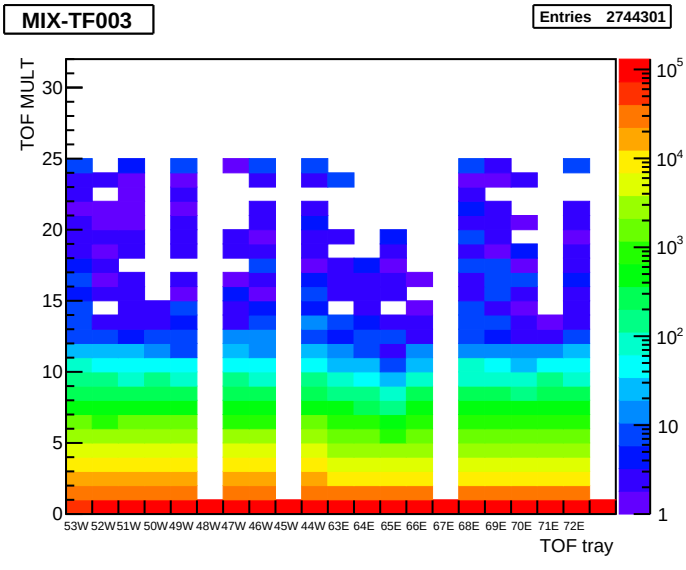

BunchId7Bit (BBC-TAC)
Entries 55706

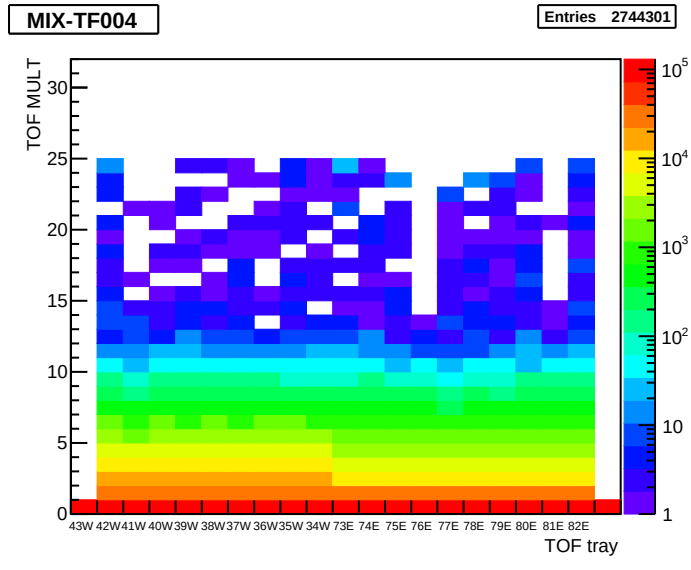

BunchId7Bit (Laser)
Entries 0

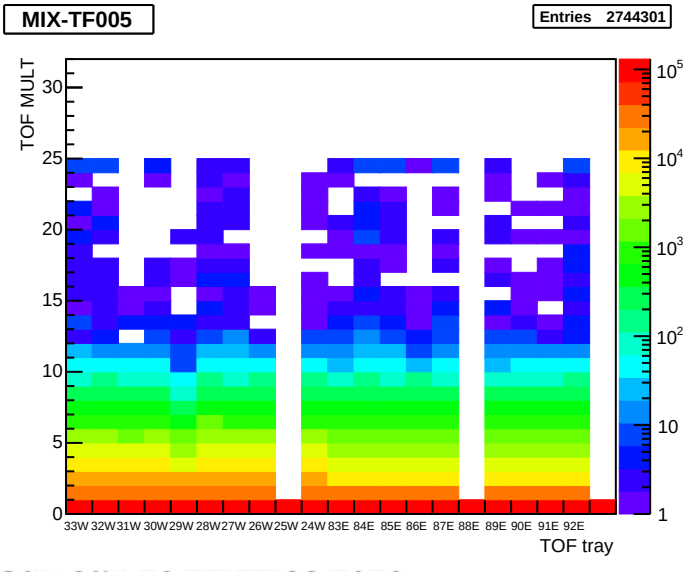

BunchId7Bit (TOFmult window)
Entries 3849

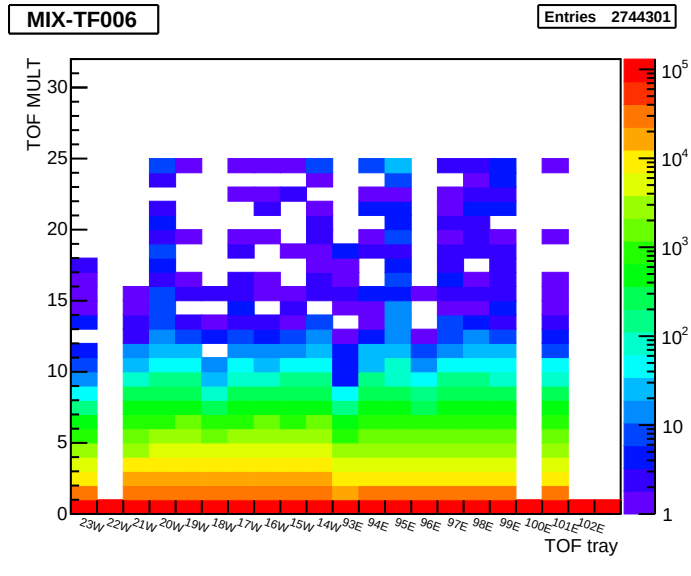

MIX-TF001
Entries 2744301
TOF MULT
TOF tray

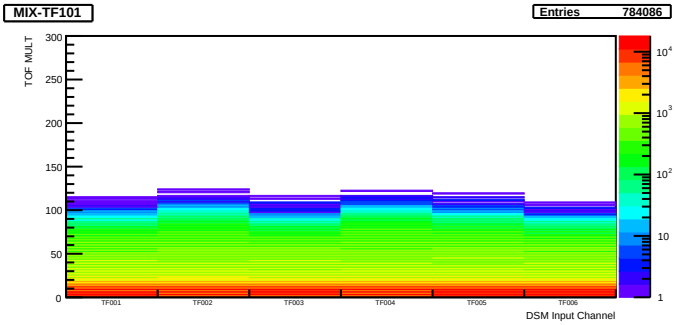

MIX-TF002
Entries 2744301
TOF MULT
TOF tray

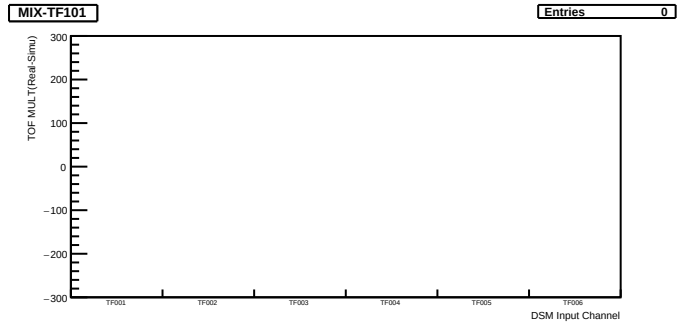

MIX-TF003
Entries 2744301
TOF MULT
TOF tray

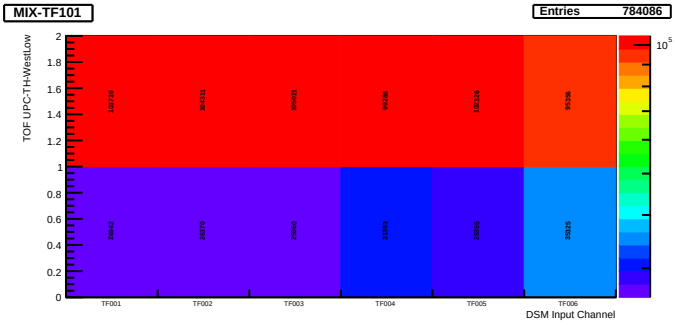

MIX-TF004
Entries 2744301
TOF MULT
TOF tray

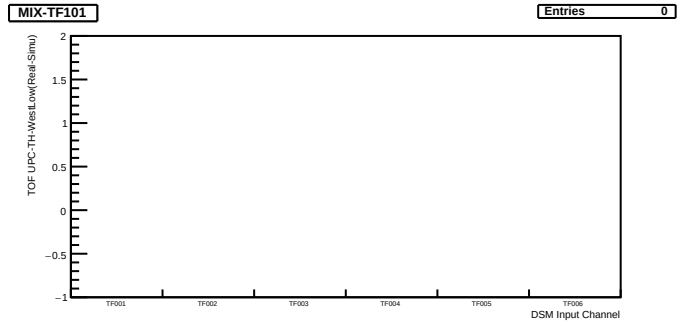

MIX-TF005
Entries 2744301
TOF MULT
TOF tray

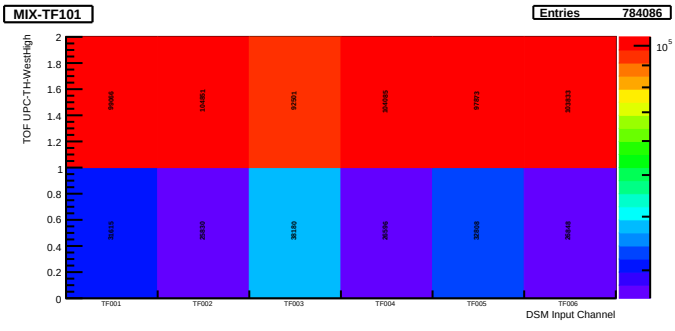

MIX-TF006
Entries 2744301
TOF MULT
TOF tray

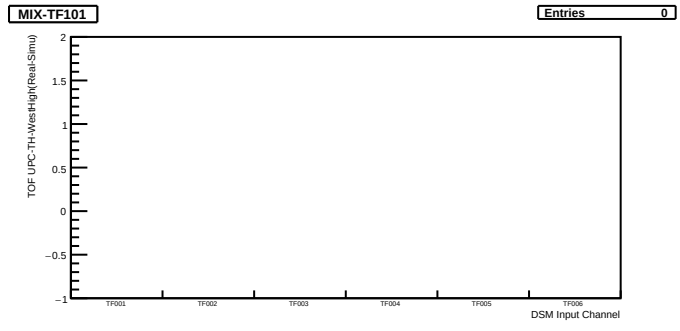

MIX-TF101
Entries 784086
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

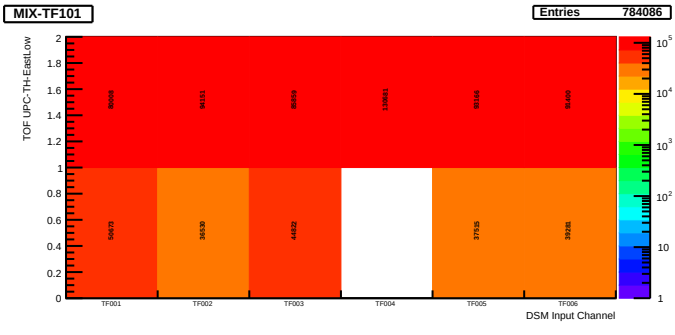

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

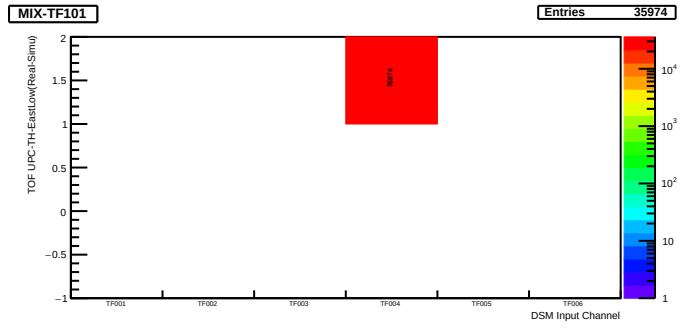

MIX-TF101
Entries 784086
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

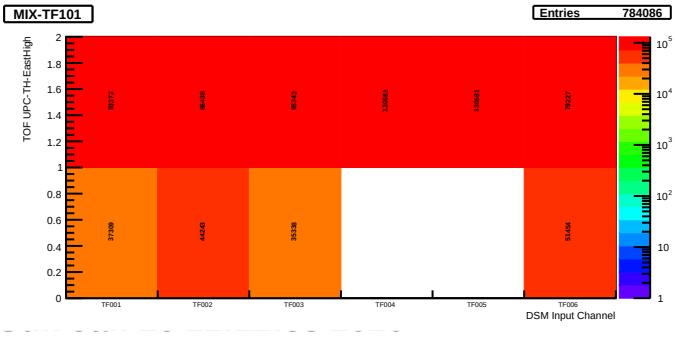

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

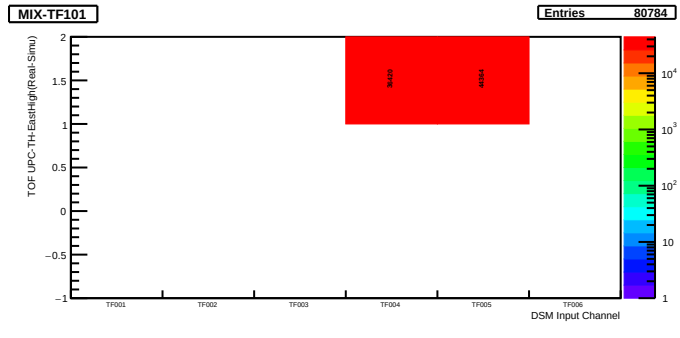

MIX-TF101
Entries 784086
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

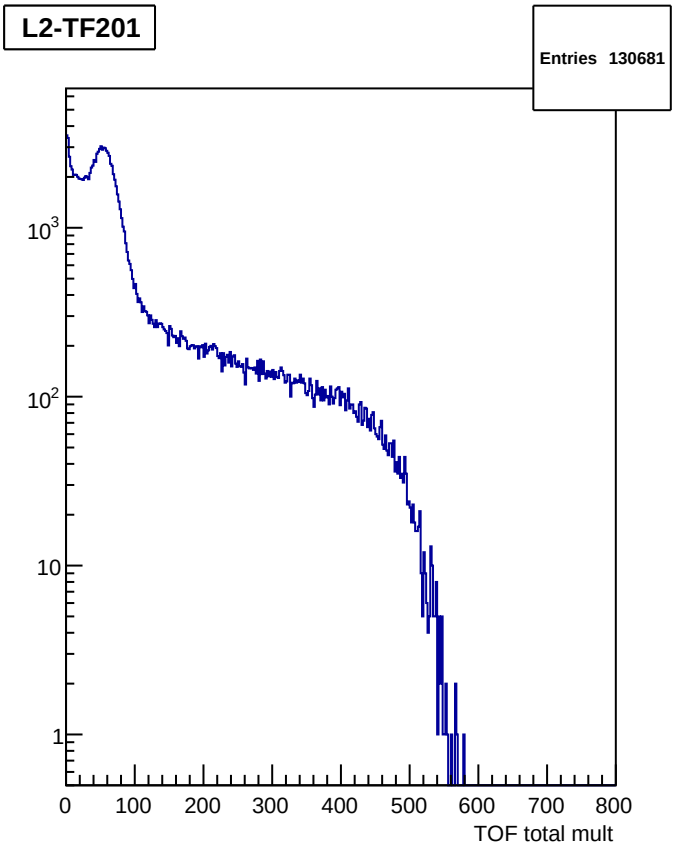

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

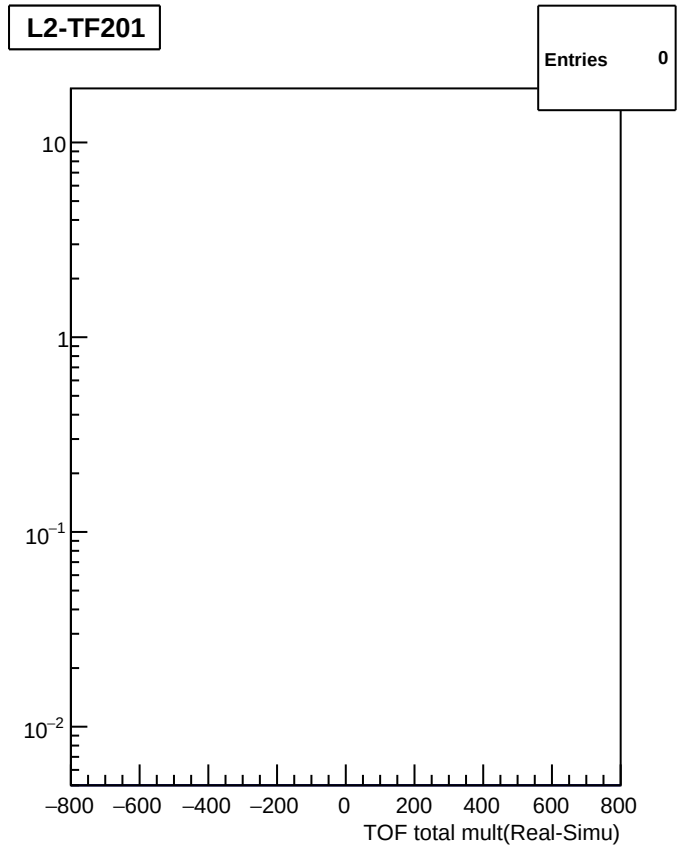

MIX-TF101
Entries 784086
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

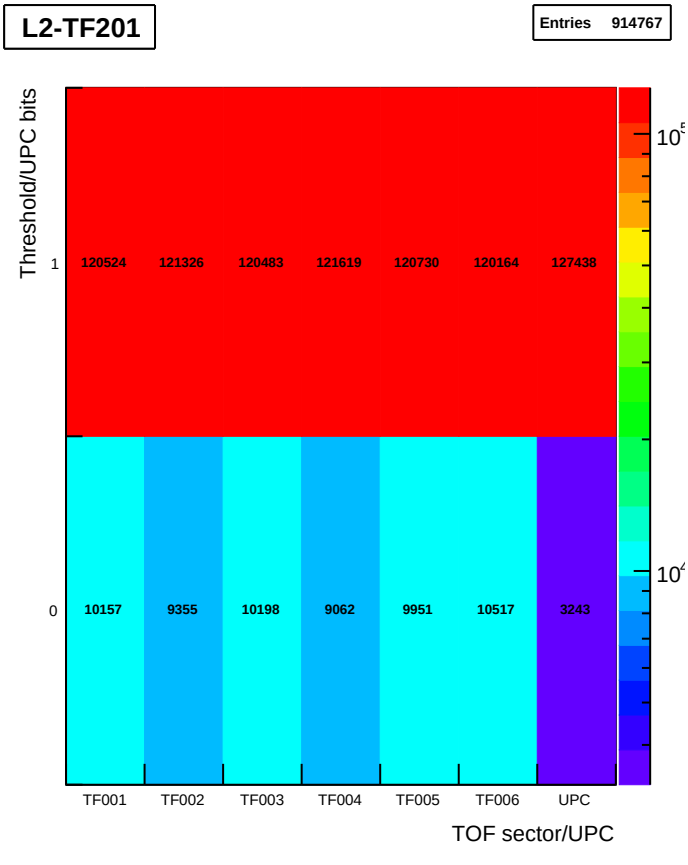

MIX-TF101
Entries 35974
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

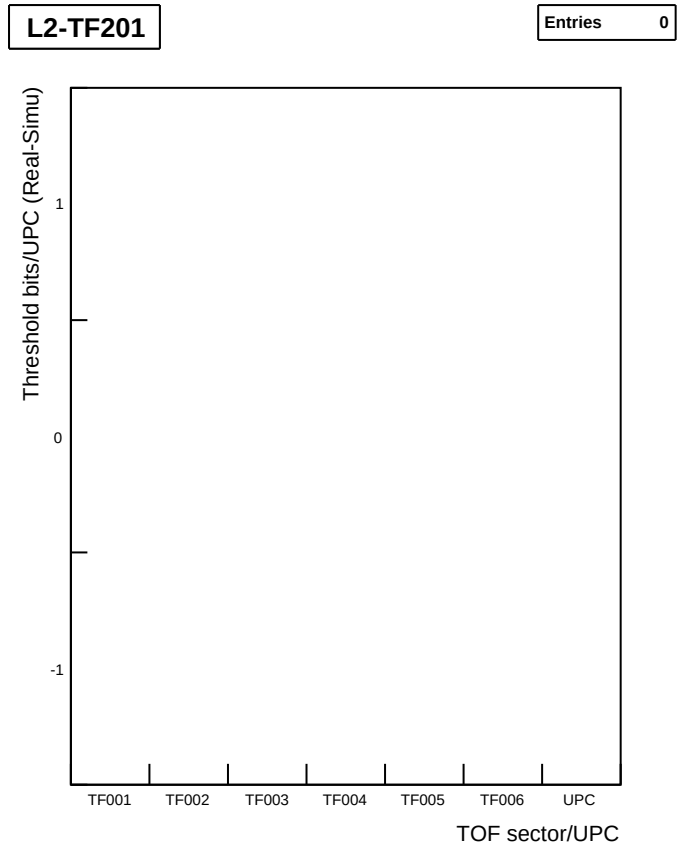

MIX-TF101
Entries 784086
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

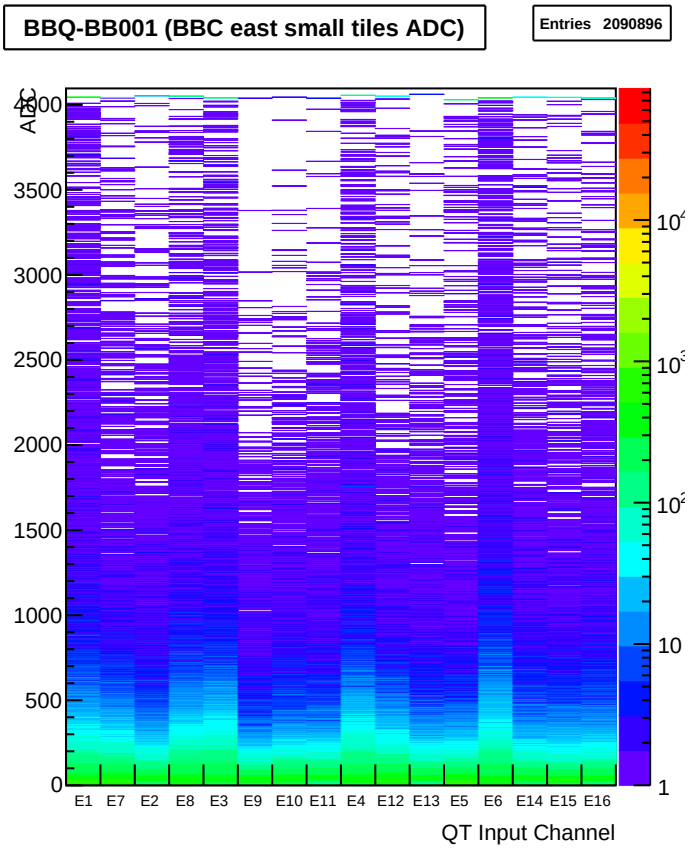

MIX-TF101
Entries 80784
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

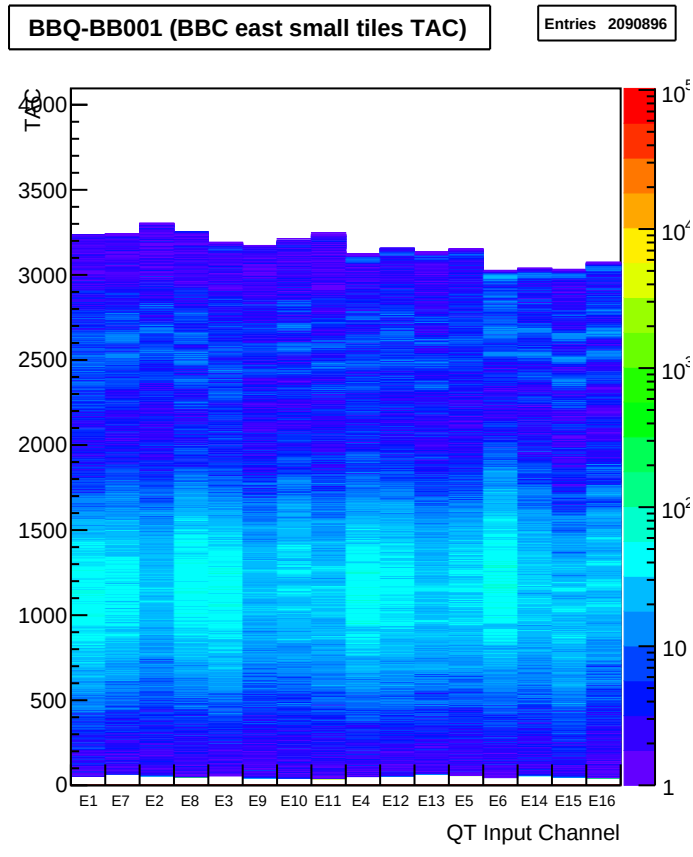

L2-TF201
Entries 130681
TOF total mult

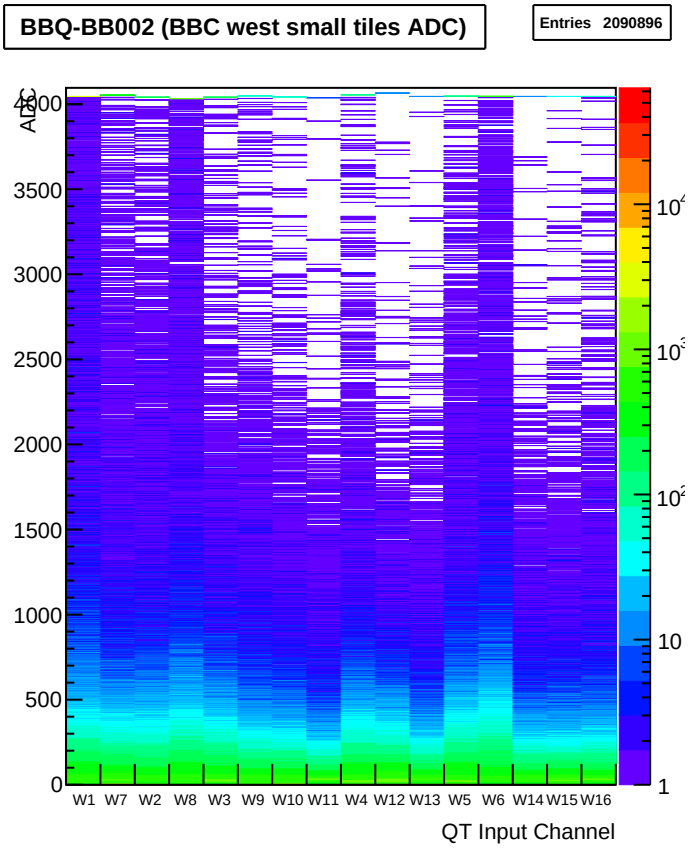

L2-TF201
Entries 0
TOF total mult(Real-Simu)

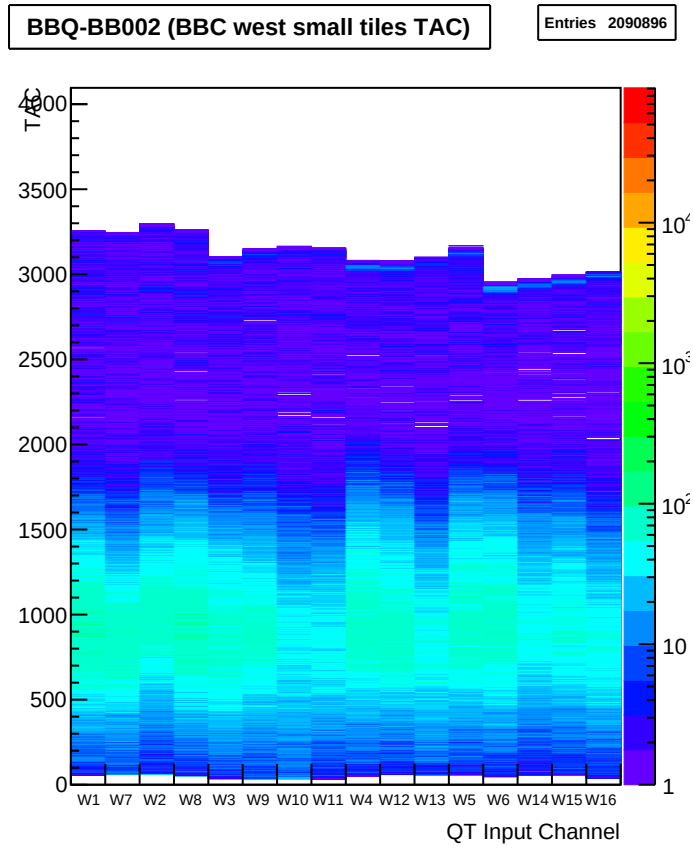

L2-TF201
Entries 914767
Threshold/UPC bits
120524
121326
120483
121619
120730
120164
127438
10157
9355
10198
9062
9951
10517
3243
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

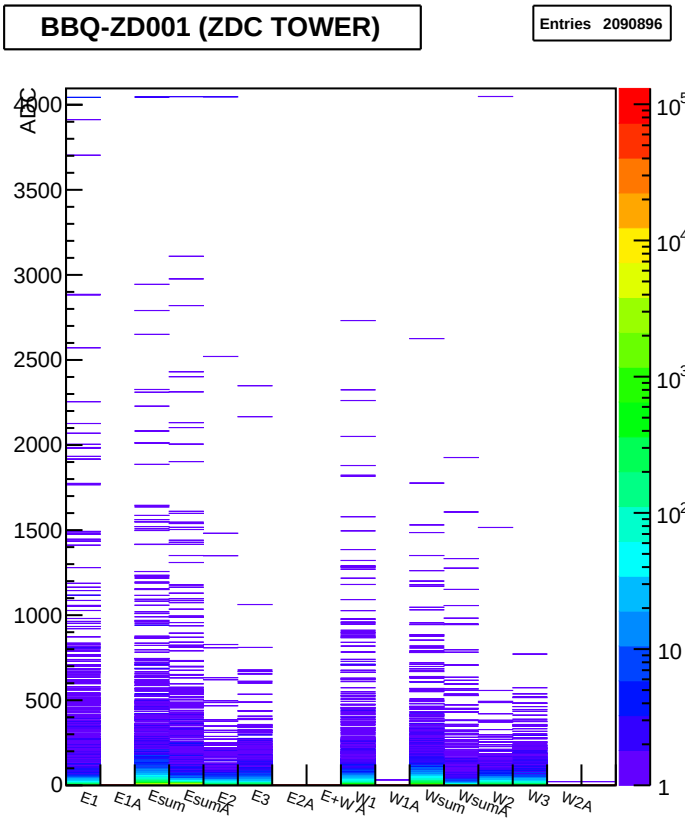

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

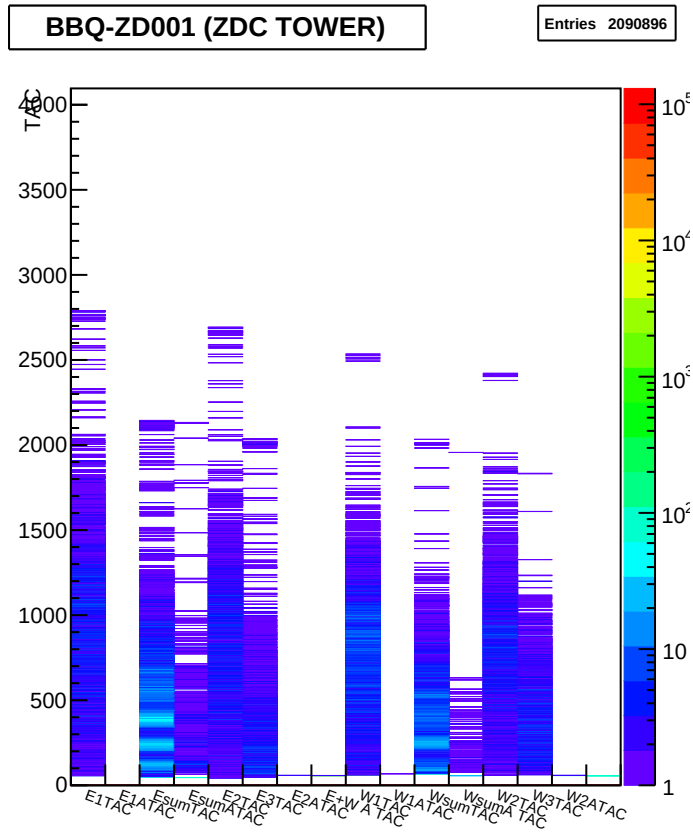

BBQ-BB001 (BBC east small tiles ADC)
Entries 2090896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

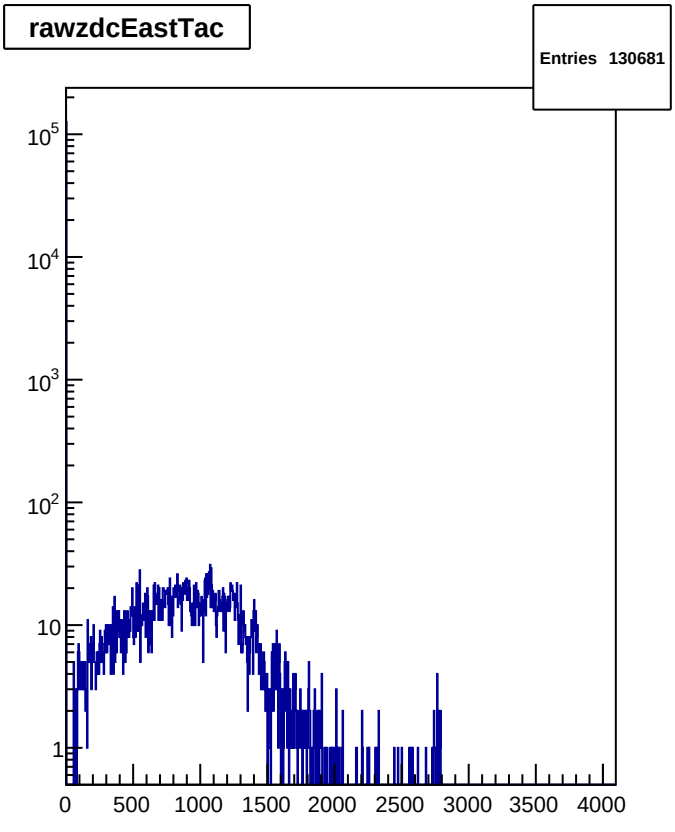

BBQ-BB001 (BBC east small tiles TAC)
Entries 2090896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

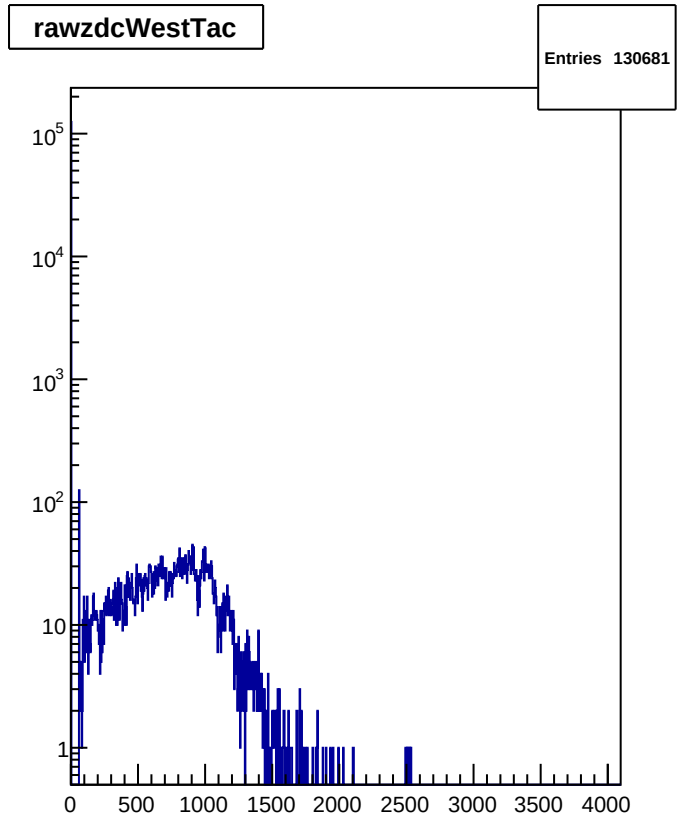

BBQ-BB002 (BBC west small tiles ADC)
Entries 2090896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

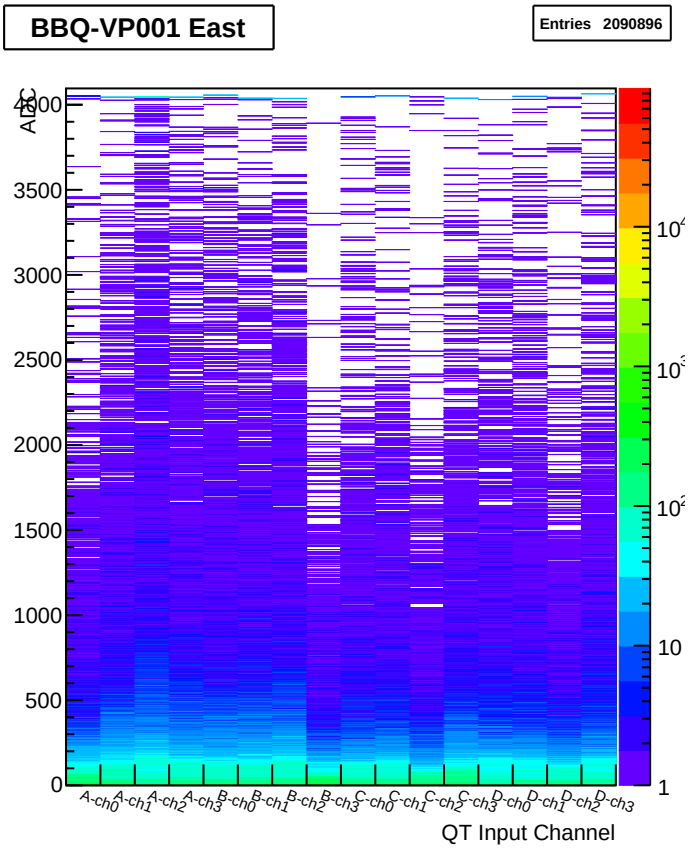

BBQ-BB002 (BBC west small tiles TAC)
Entries 2090896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

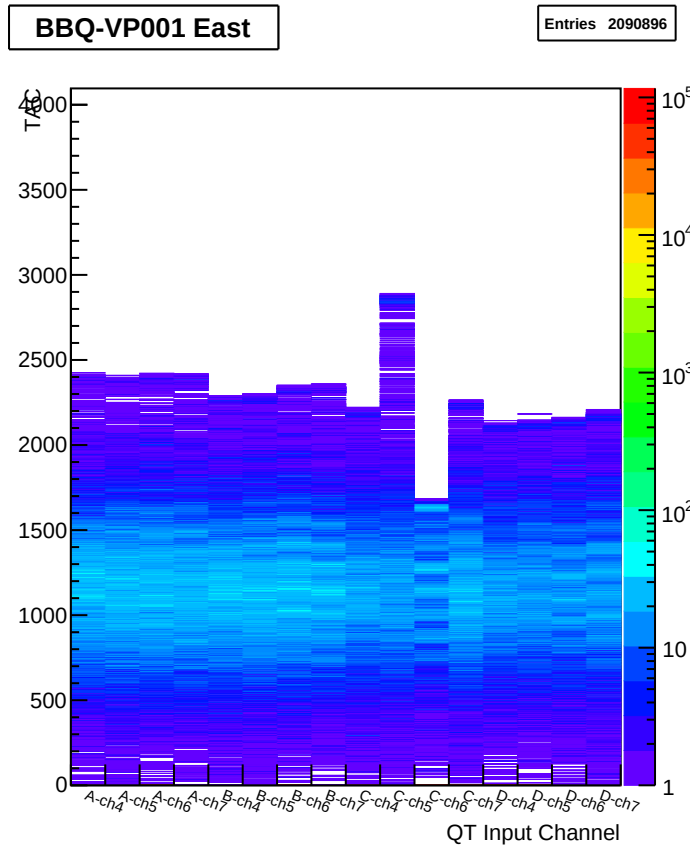

BBQ-ZD001 (ZDC TOWER)
Entries 2090896
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

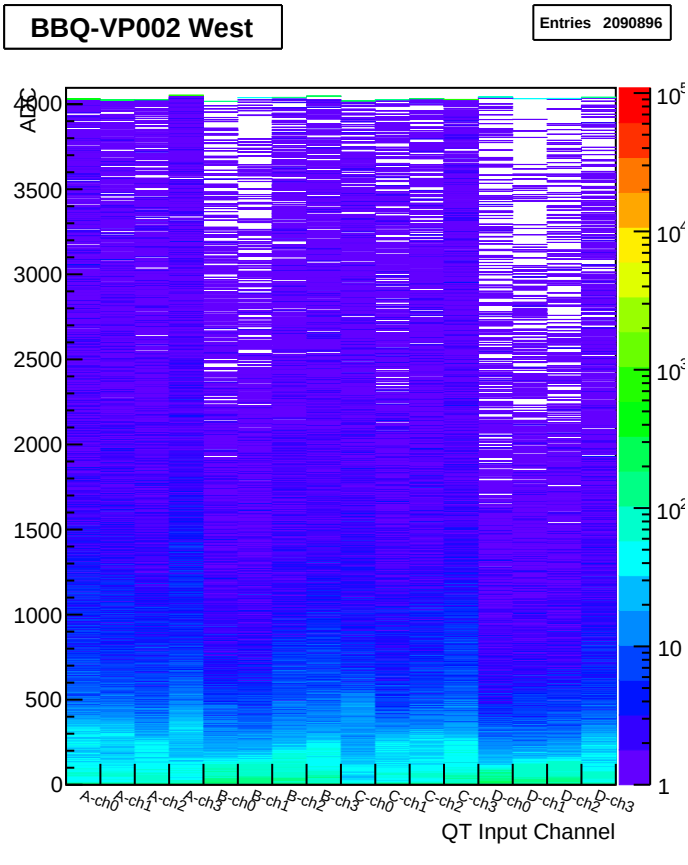

BBQ-ZD001 (ZDC TOWER)
Entries 2090896
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

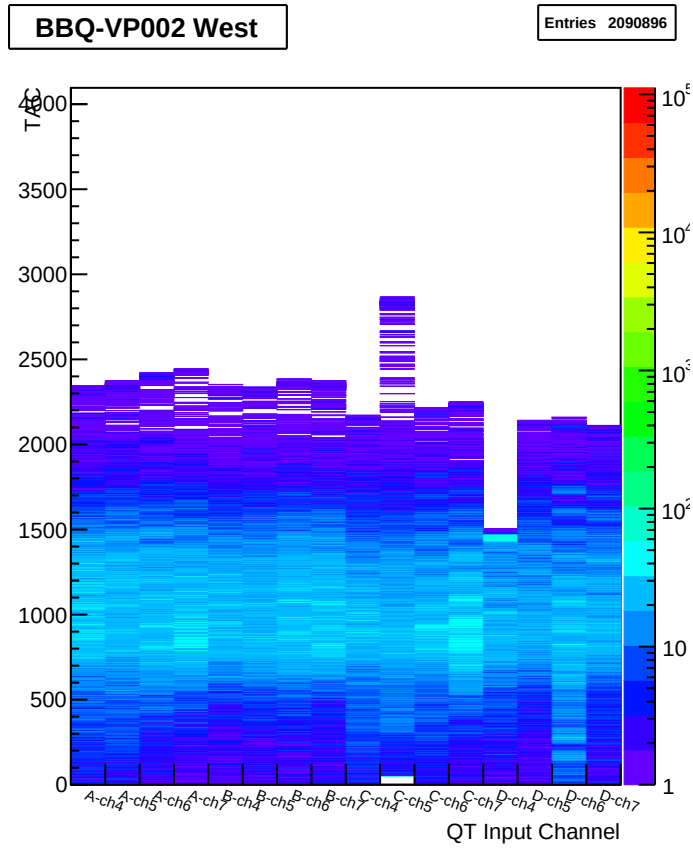

rawzdcEastTac
Entries 130681

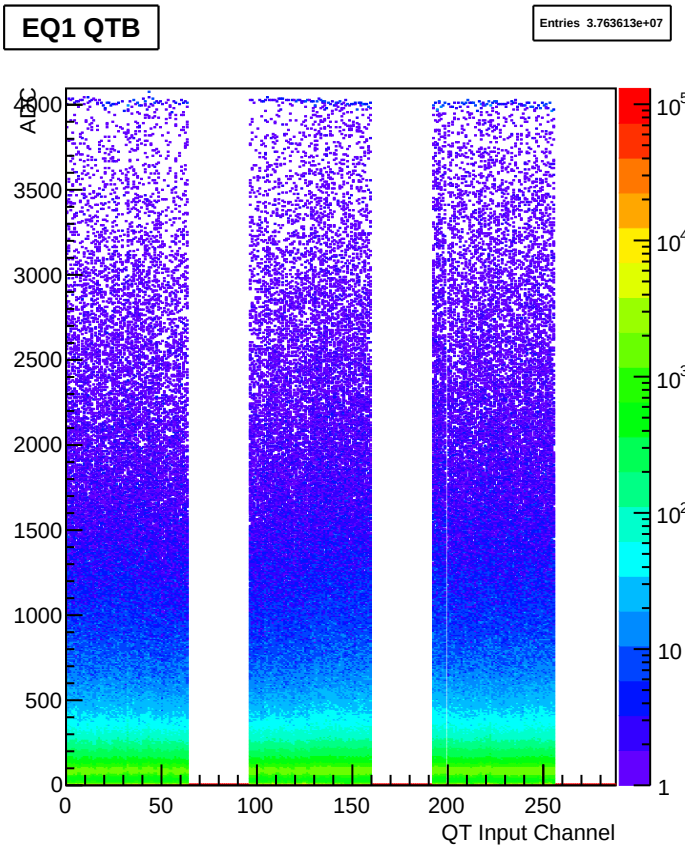

rawzdcWestTac
Entries 130681

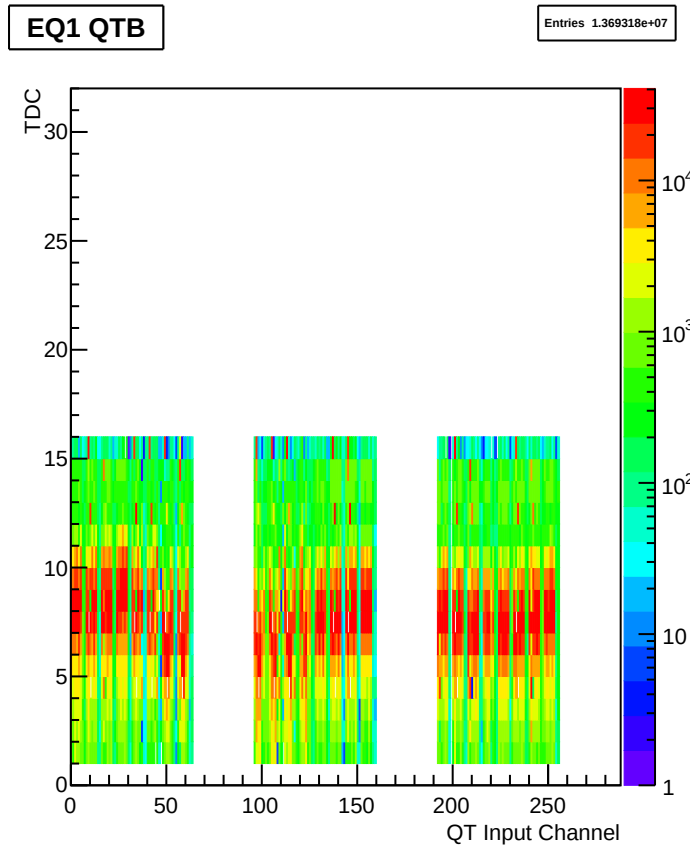

BBQ-VP001 East
Entries 2090896
ADC
QT Input Channel

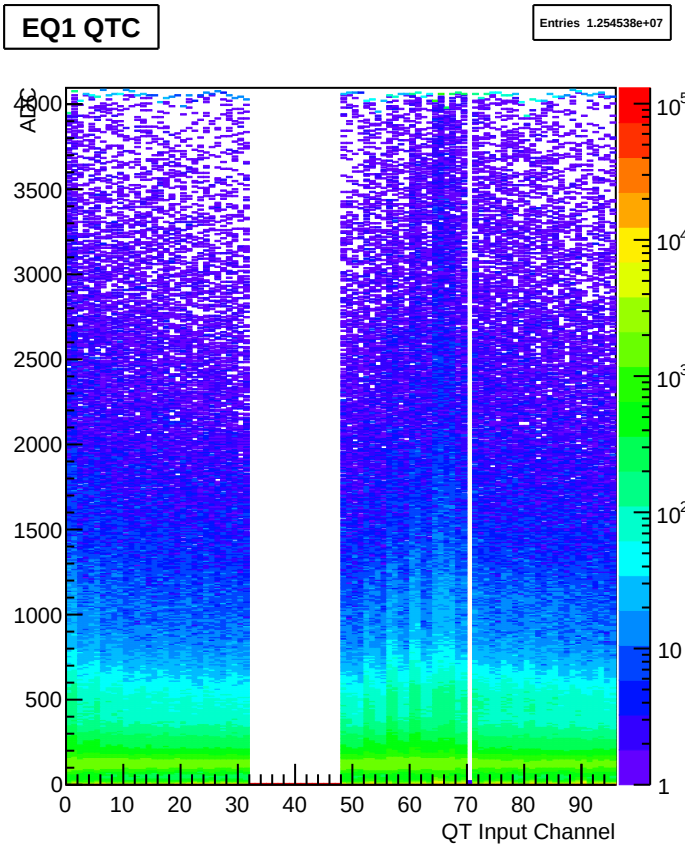

BBQ-VP001 East
Entries 2090896
TADC
QT Input Channel

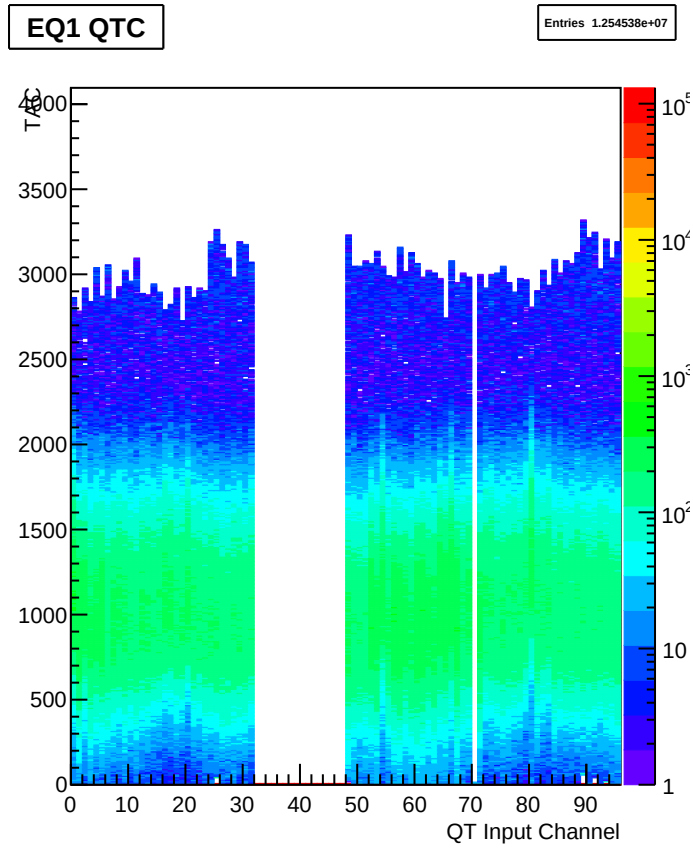

BBQ-VP002 West
Entries 2090896
ADC
QT Input Channel

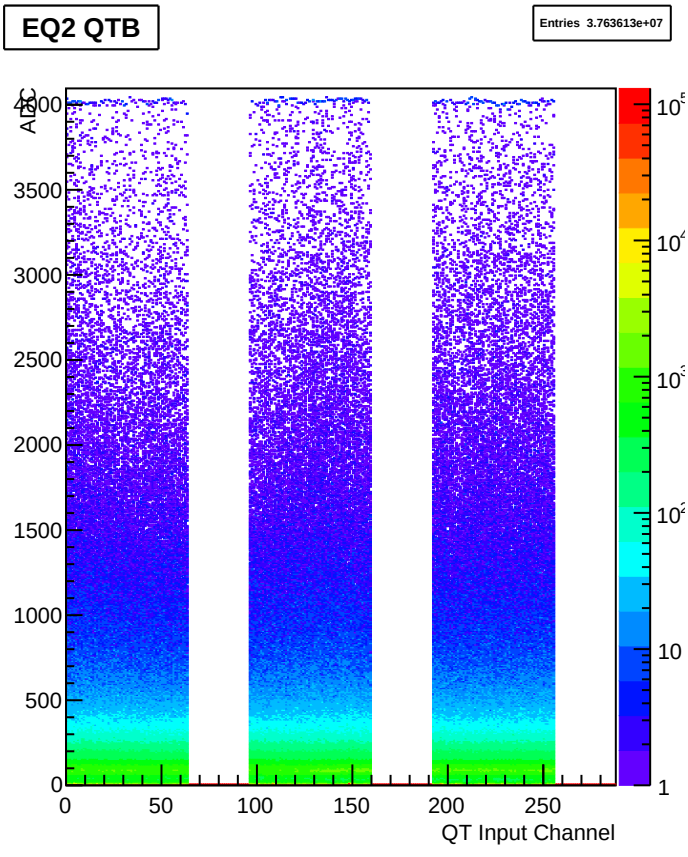

BBQ-VP002 West
Entries 2090896
TADC
QT Input Channel

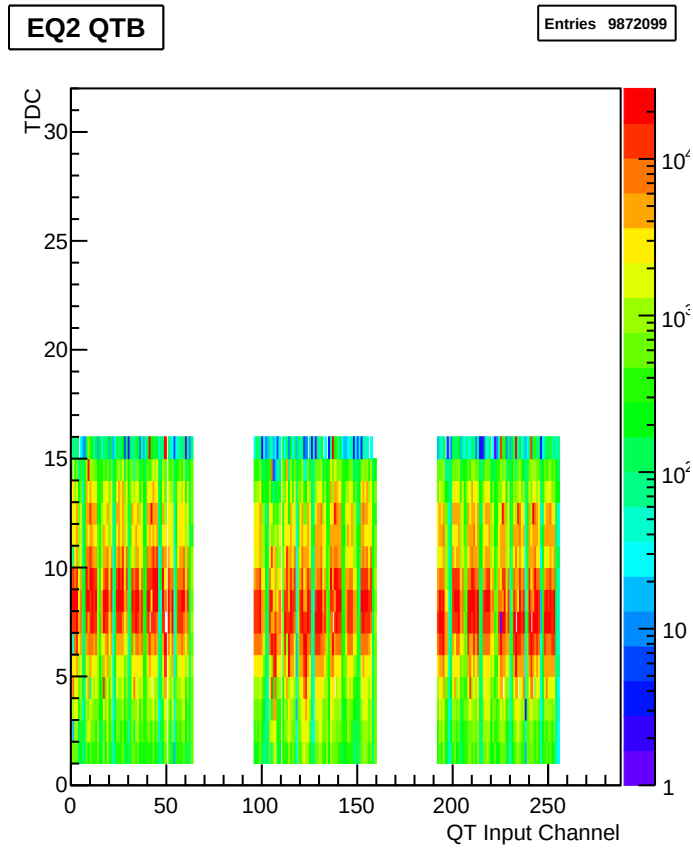

EQ1 QTB
Entries 3.763613e+07
ADC
QT Input Channel

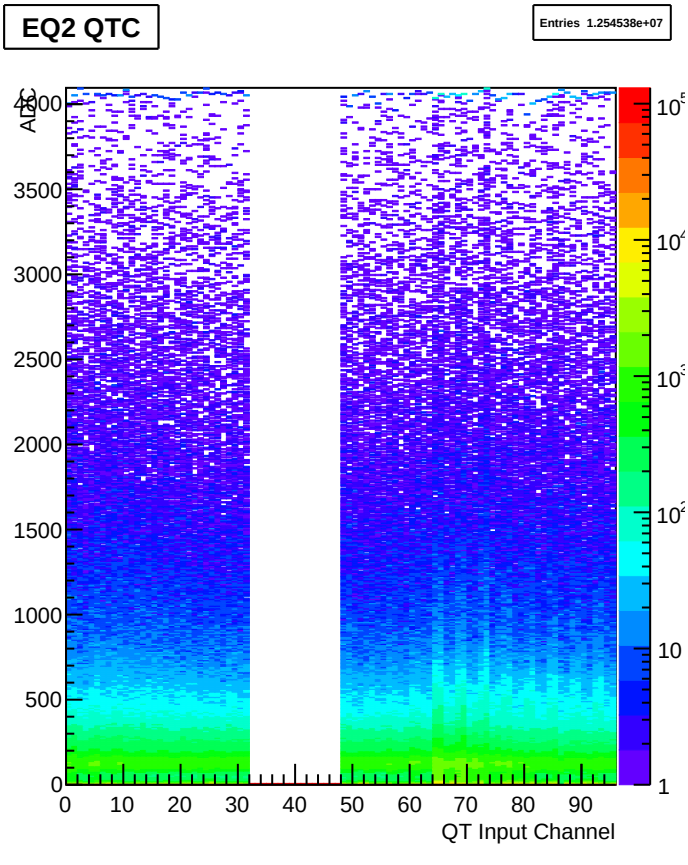

EQ1 QTB
Entries 1.369318e+07
TDC
QT Input Channel

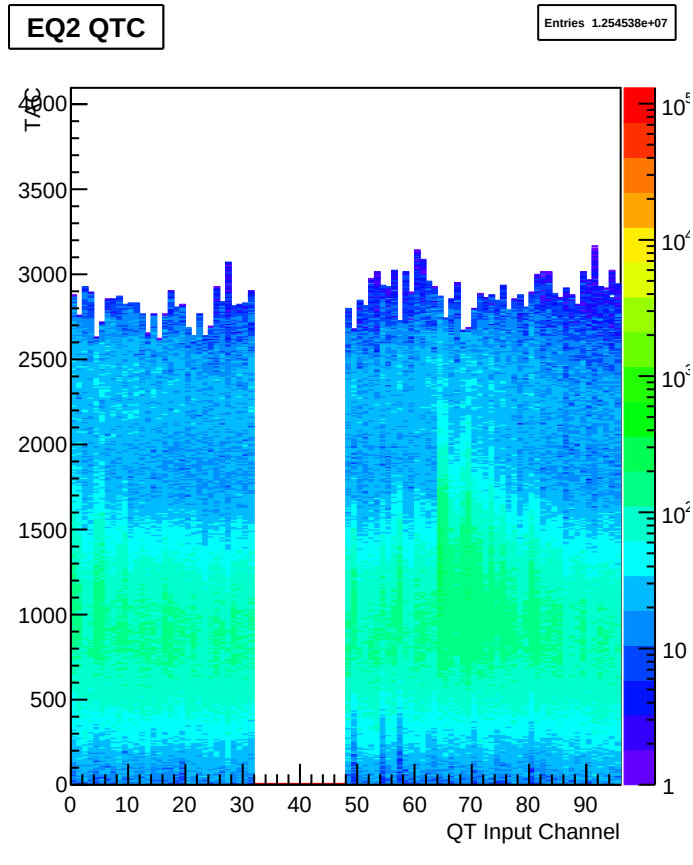

EQ1 QTC
Entries 1.254538e+07
ADC
QT Input Channel

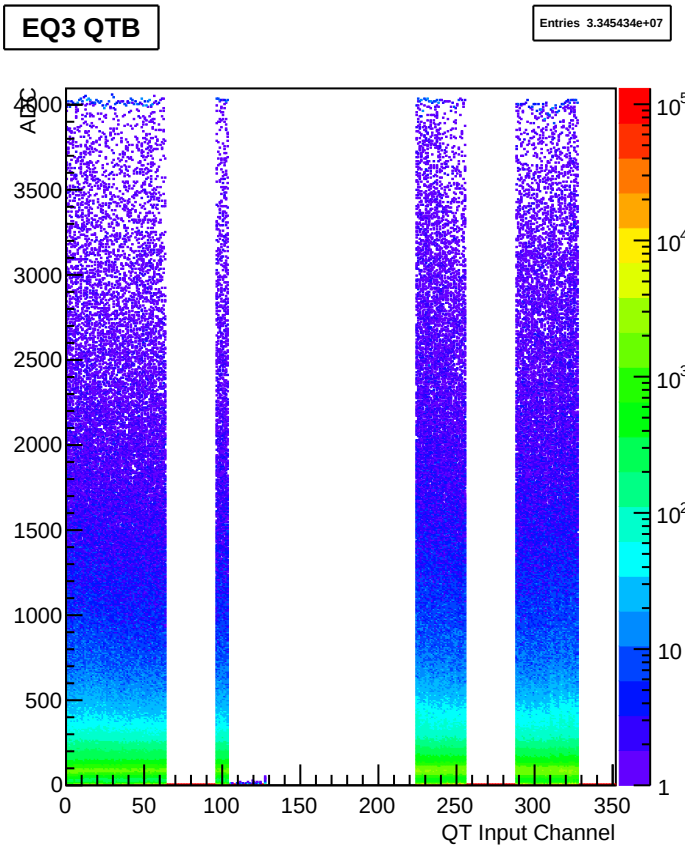

EQ1 QTC
Entries 1.254538e+07
TADC
QT Input Channel

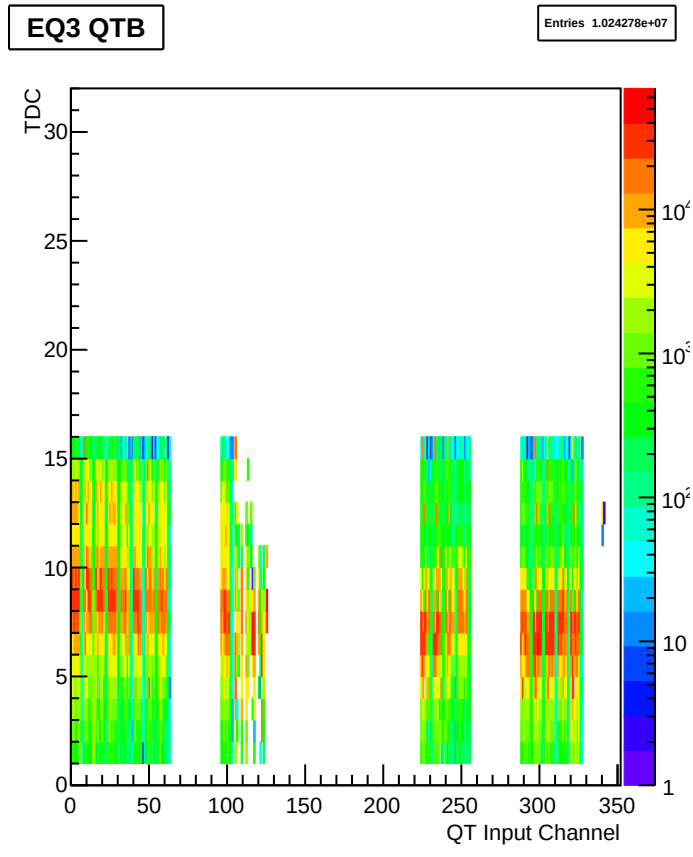

EQ2 QTB
Entries 3.763613e+07
ADC
QT Input Channel

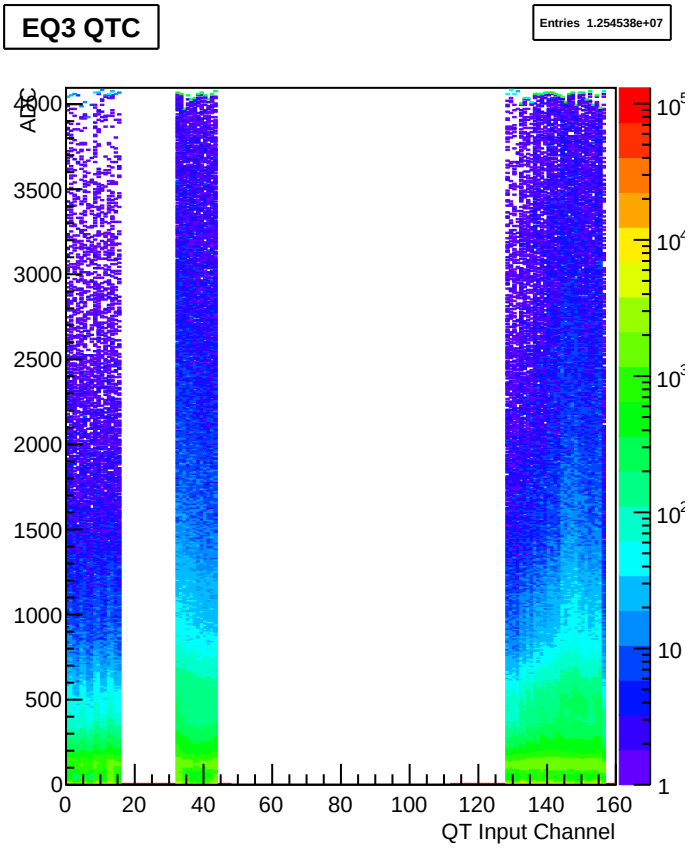

EQ2 QTB
Entries 9872099
TDC
QT Input Channel

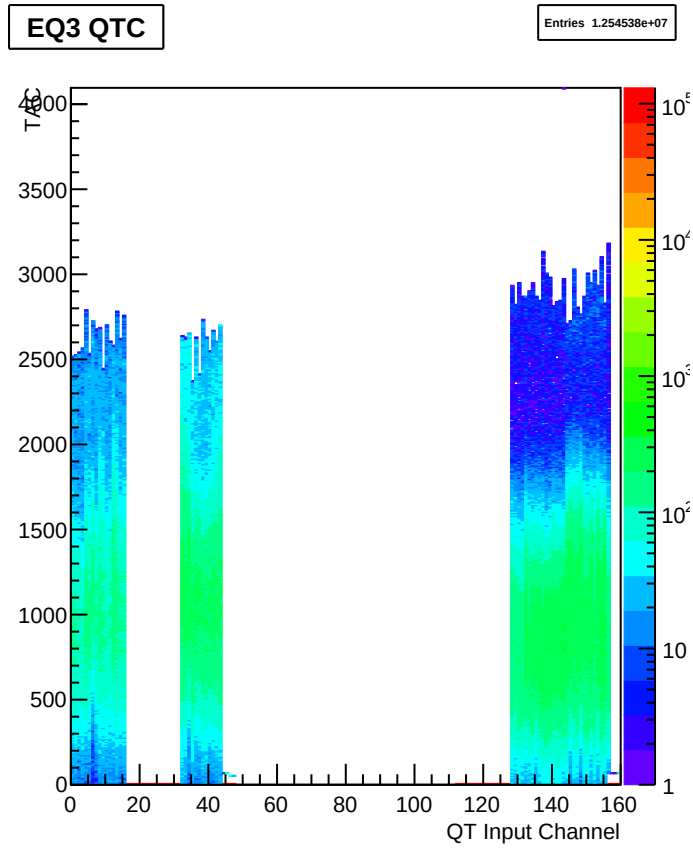

EQ2 QTC
Entries 1.254538e+07
ADC
QT Input Channel

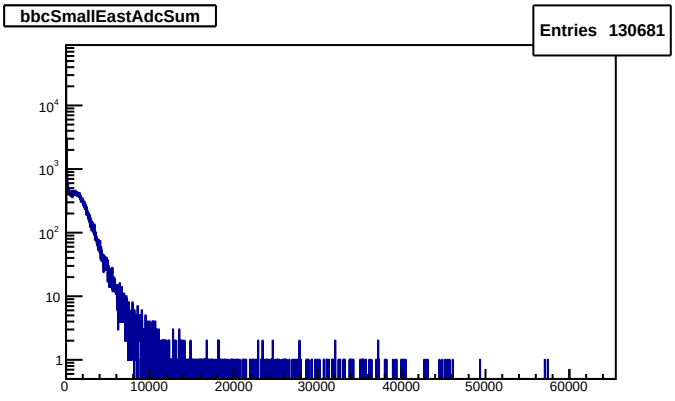

EQ2 QTC
Entries 1.254538e+07
TADC
QT Input Channel

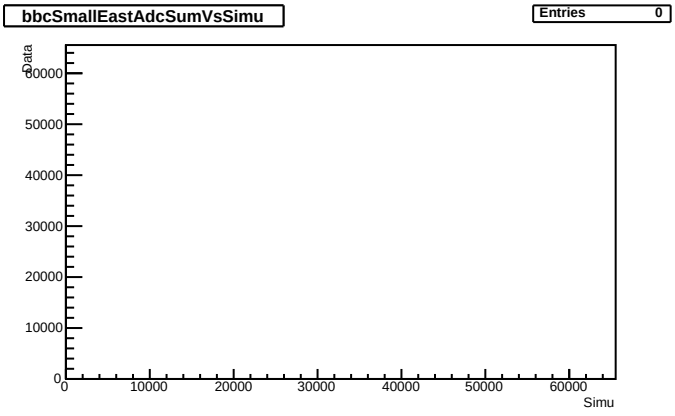

EQ3 QTB
Entries 3.345434e+07
ADC
QT Input Channel

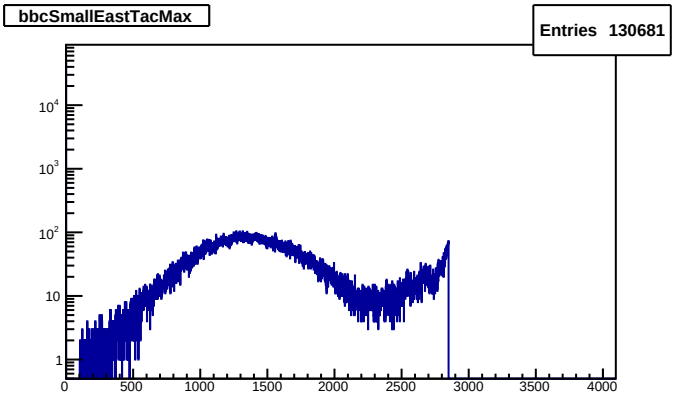

EQ3 QTB
Entries 1.024278e+07
TDC
QT Input Channel

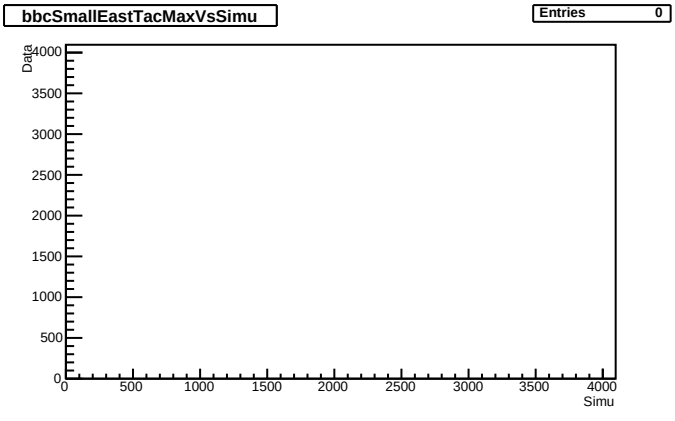

EQ3 QTC
Entries 1.254538e+07
ADC
QT Input Channel

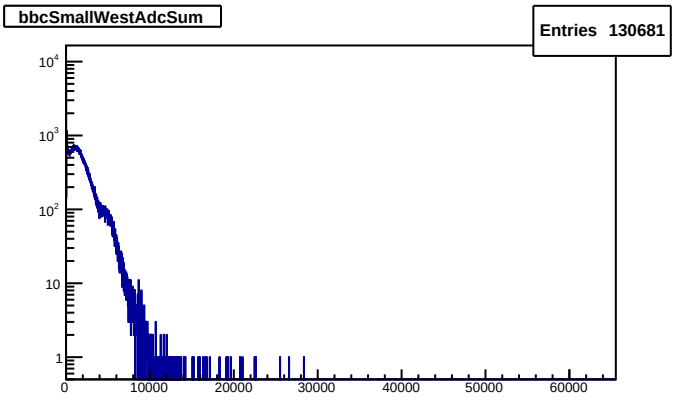

EQ3 QTC
Entries 1.254538e+07
TADC
QT Input Channel

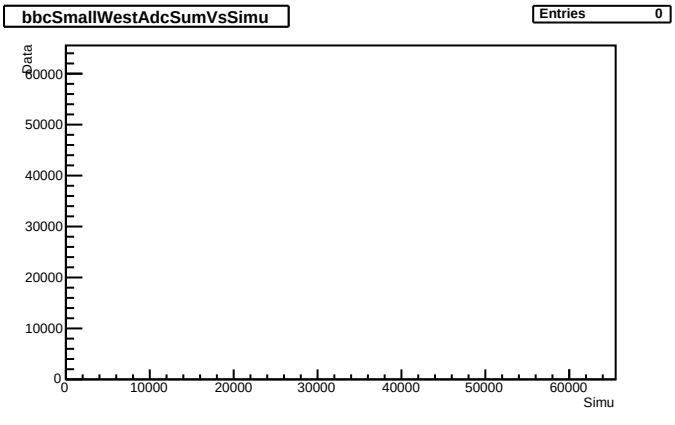

bbcSmallEastAdcSum
Entries 130681

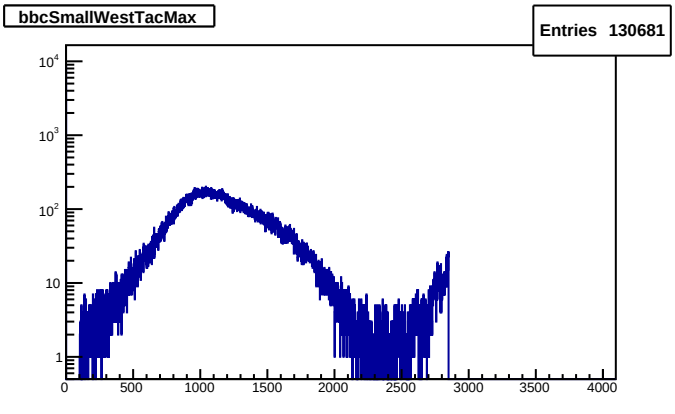

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

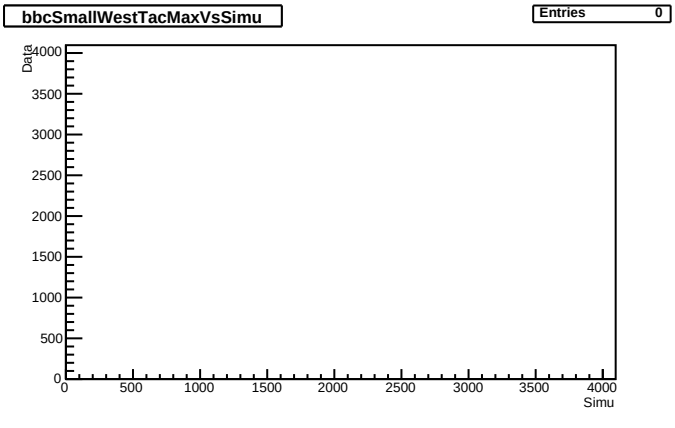

bbcSmallEastTacMax
Entries 130681

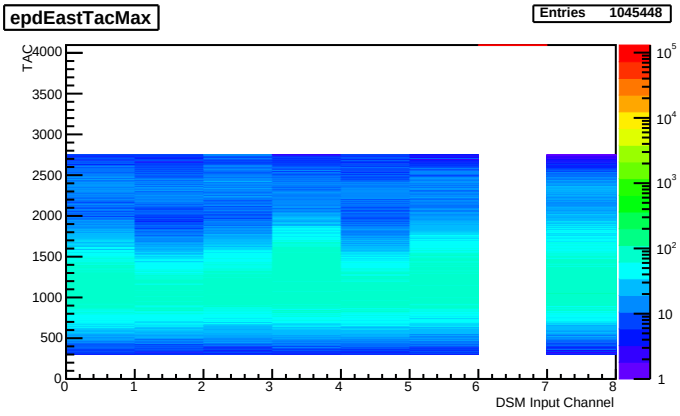

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

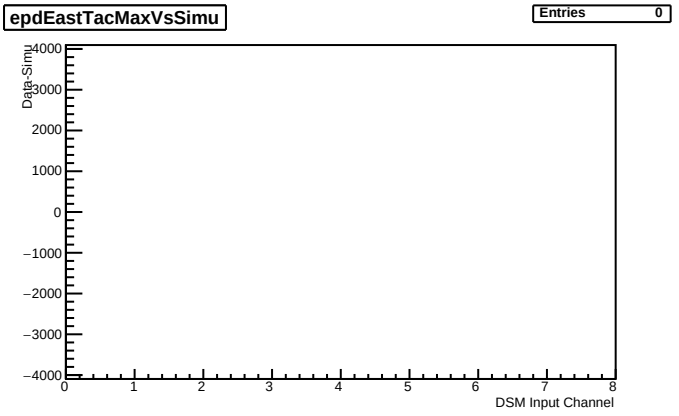

bbcSmallWestAdcSum
Entries 130681

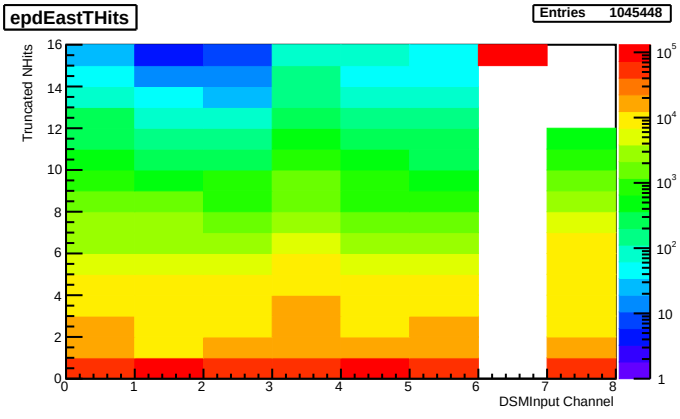

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

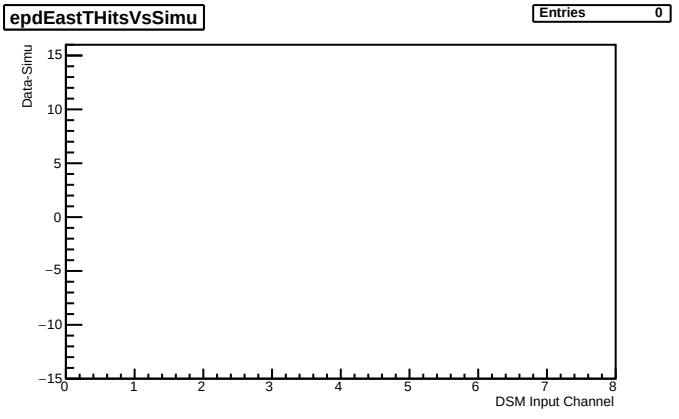

bbcSmallWestTacMax
Entries 130681

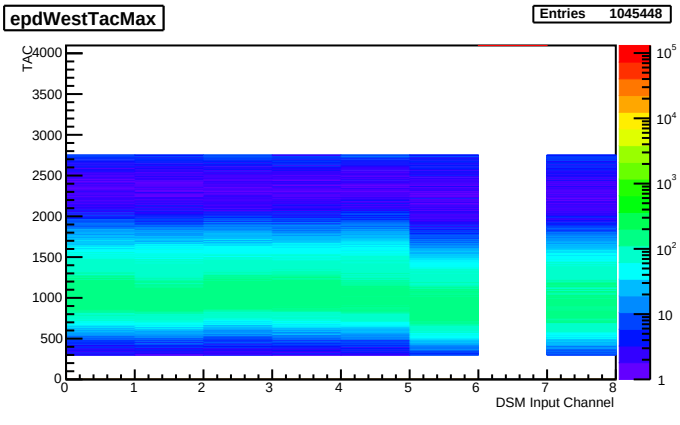

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

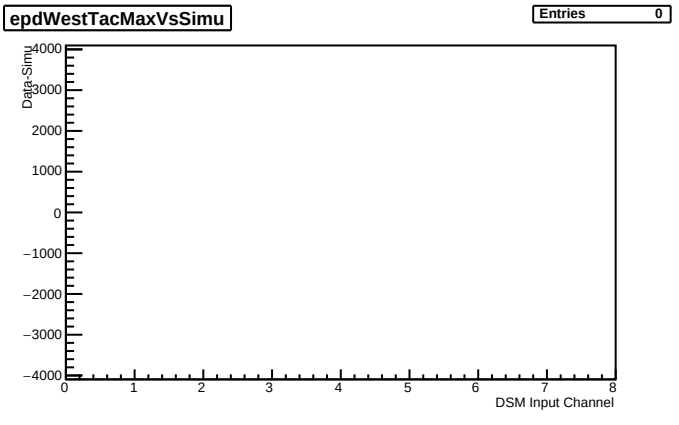

epdEastTacMax
Entries 1045448
TAC
DSM Input Channel

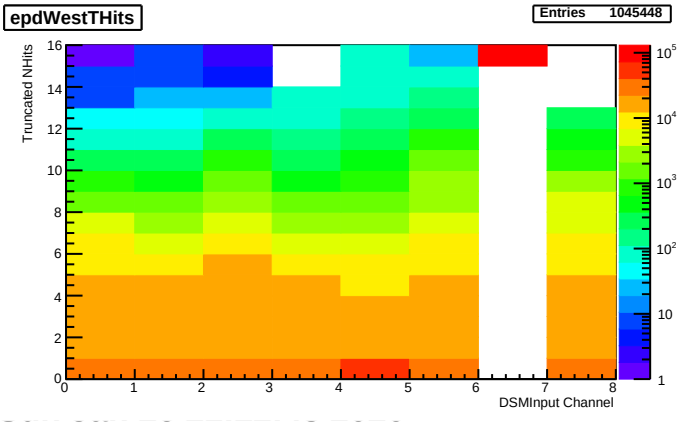

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

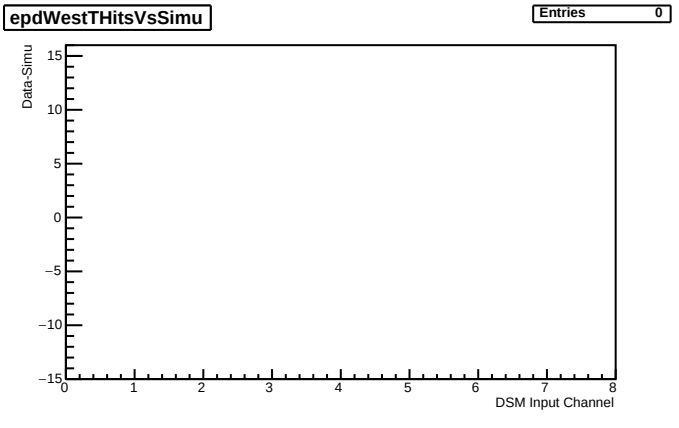

epdEastTHits
Entries 1045448
Truncated NHits
DSMInput Channel

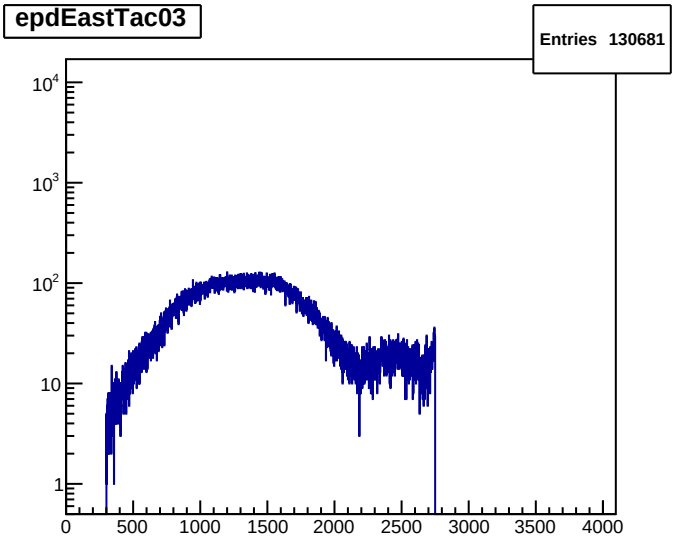

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

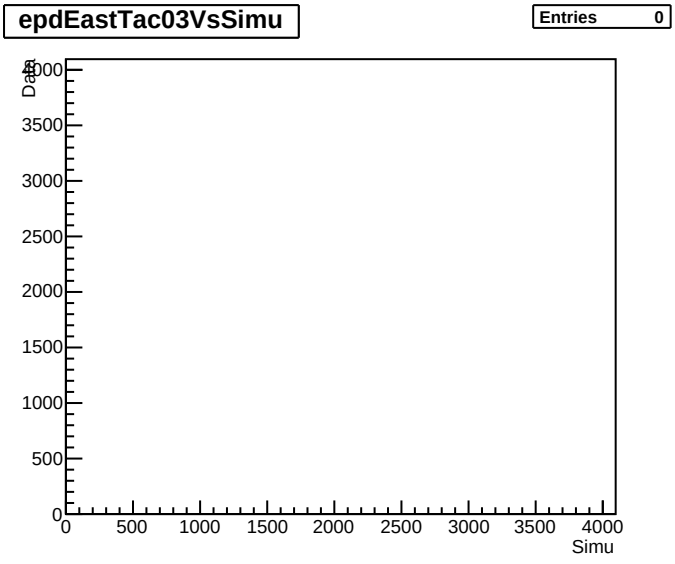

epdWestTacMax
Entries 1045448
TAC
DSM Input Channel

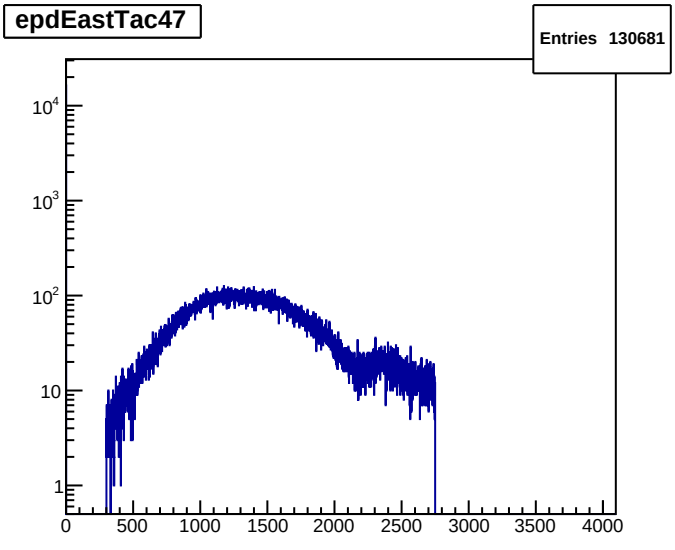

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

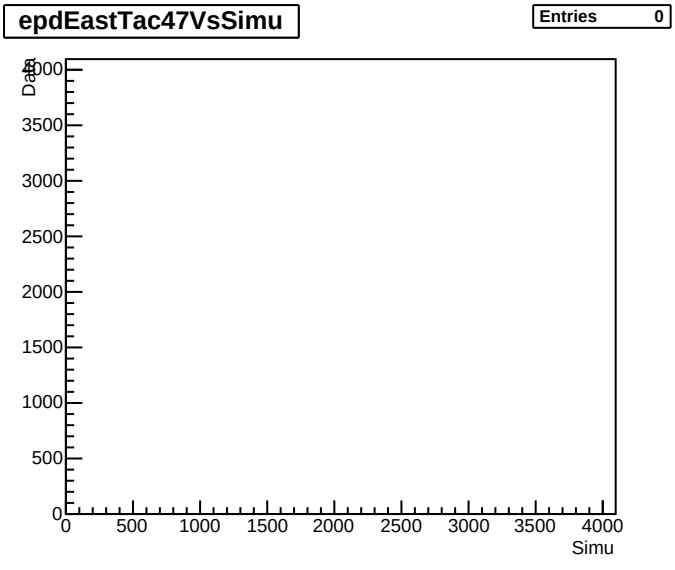

epdWestTHits
Entries 1045448
Truncated NHits
DSMInput Channel

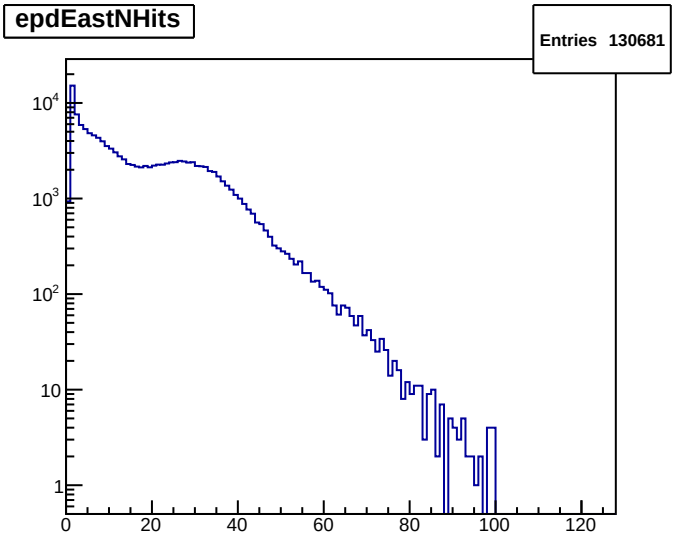

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

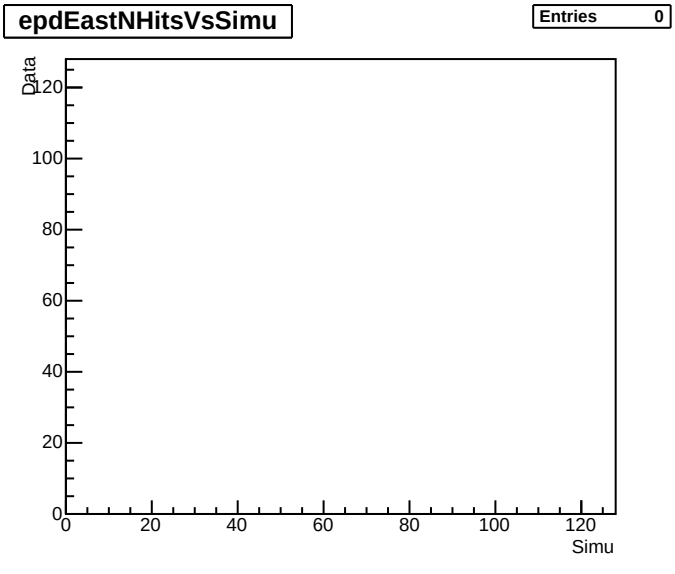

epdEastTac03
Entries 130681

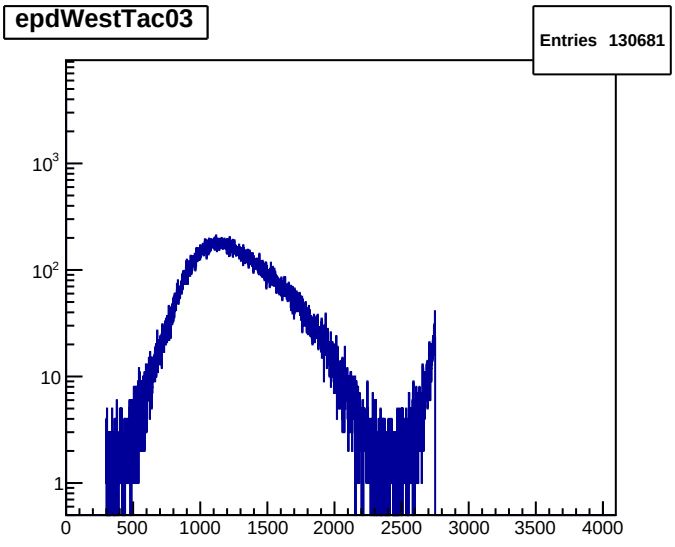

epdEastTac03VsSimu
Entries 0
Data
Simu

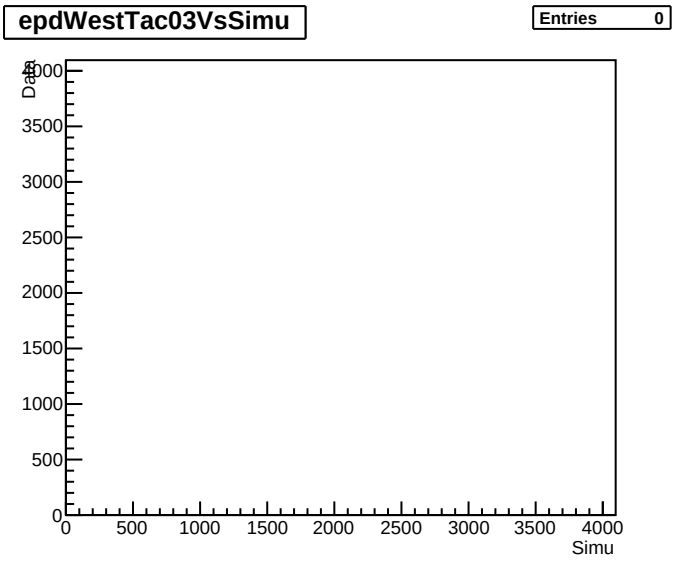

epdEastTac47
Entries 130681

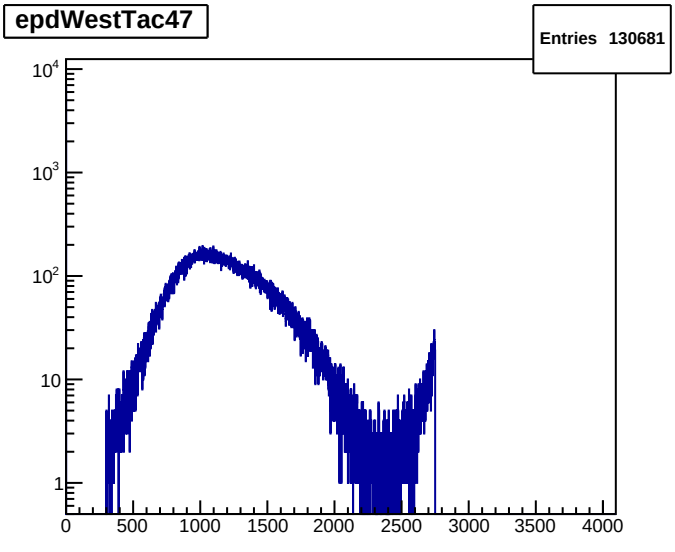

epdEastTac47VsSimu
Entries 0
Data
Simu

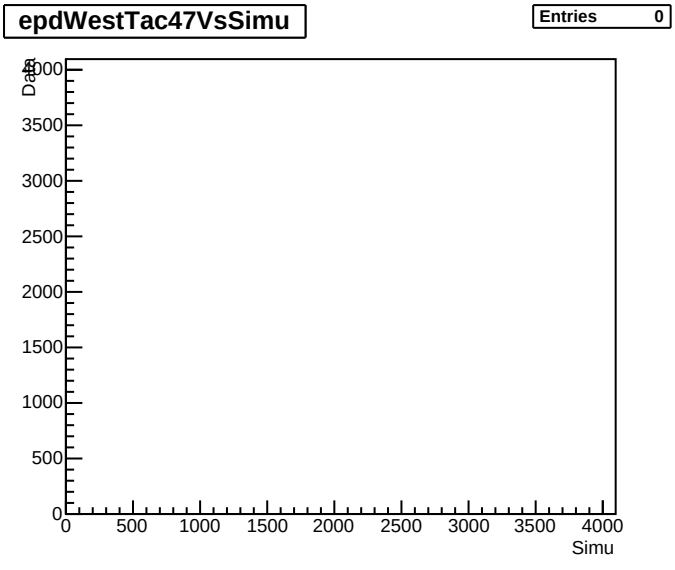

epdEastNHits
Entries 130681

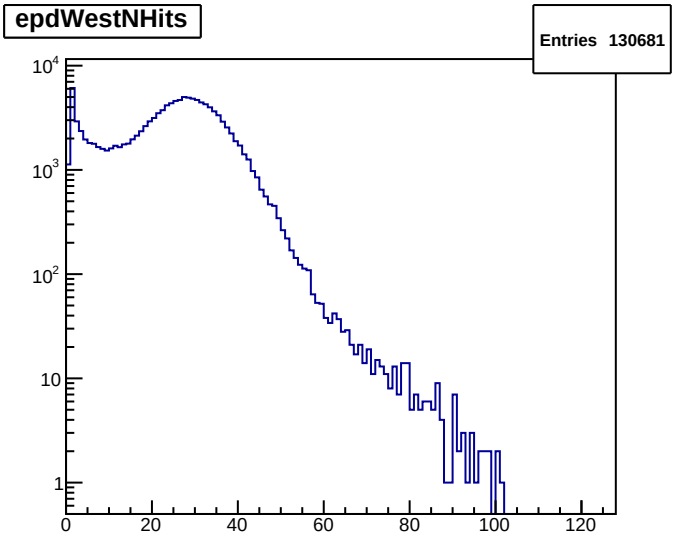

epdEastNHitsVsSimu
Entries 0
Data
Simu

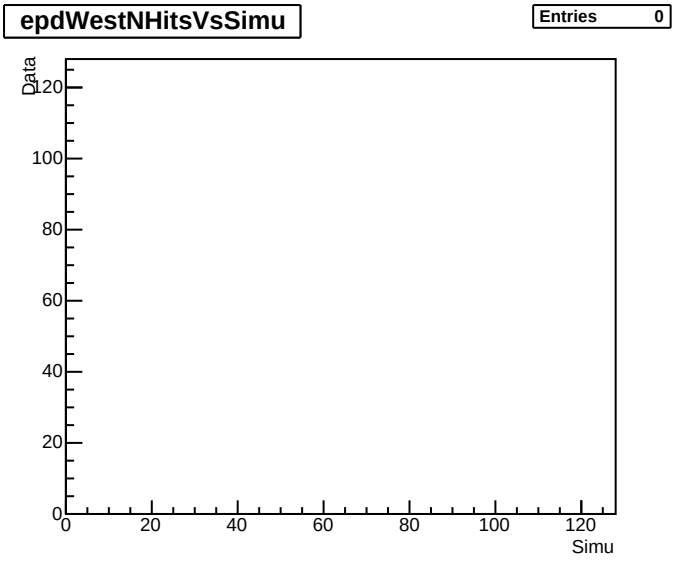

epdWestTac03
Entries 130681

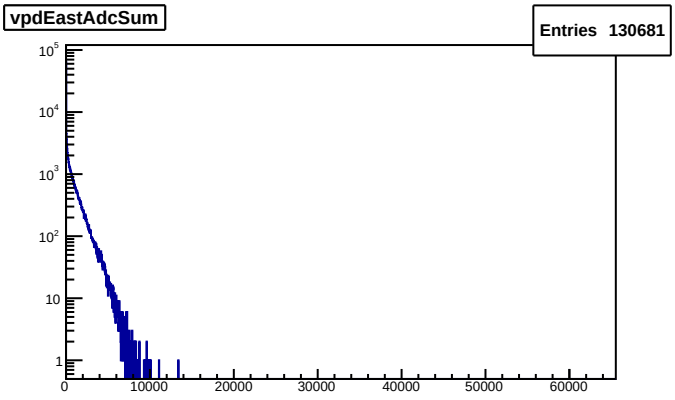

epdWestTac03VsSimu
Entries 0
Data
Simu

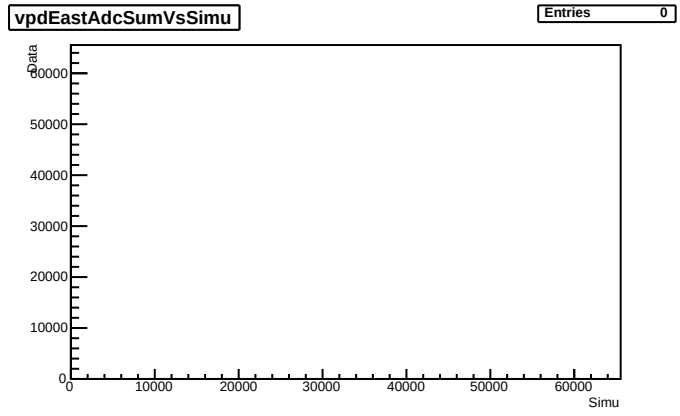

epdWestTac47
Entries 130681

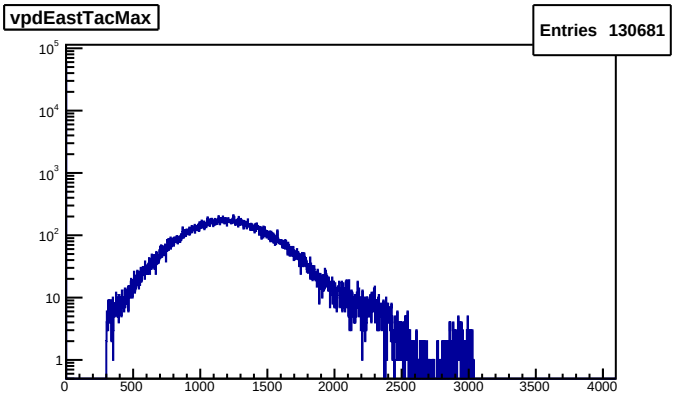

epdWestTac47VsSimu
Entries 0
Data
Simu

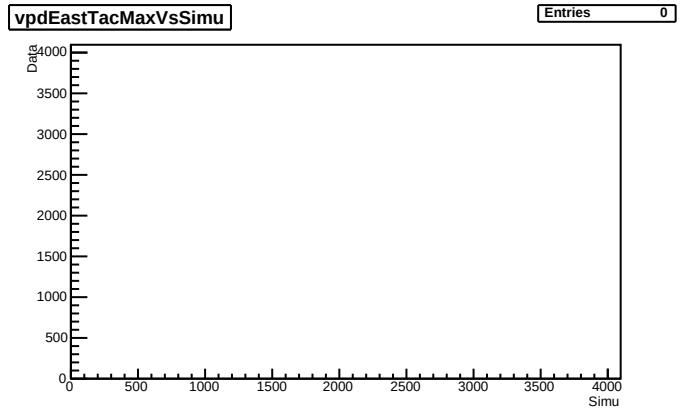

epdWestNHits
Entries 130681

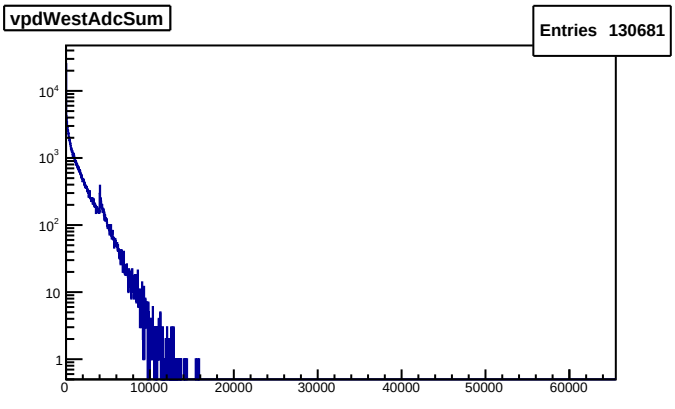

epdWestNHitsVsSimu
Entries 0
Data
Simu

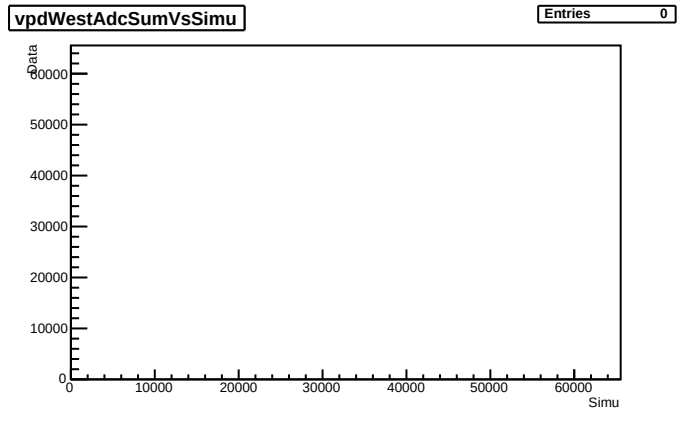

vpdEastAdcSum
Entries 130681

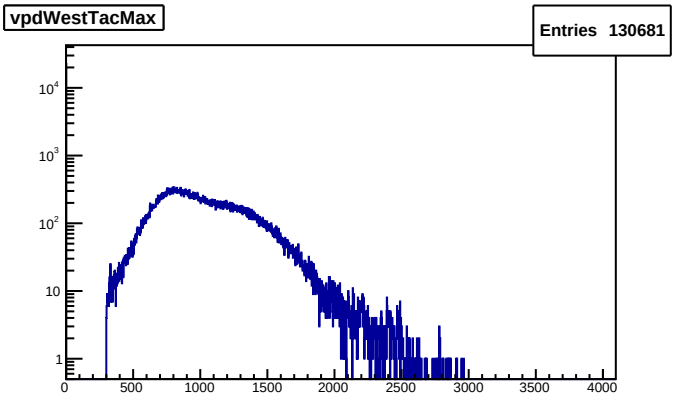

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

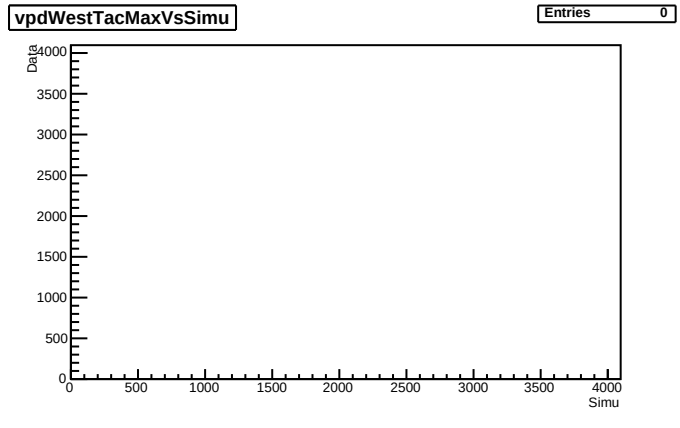

vpdEastTacMax
Entries 130681

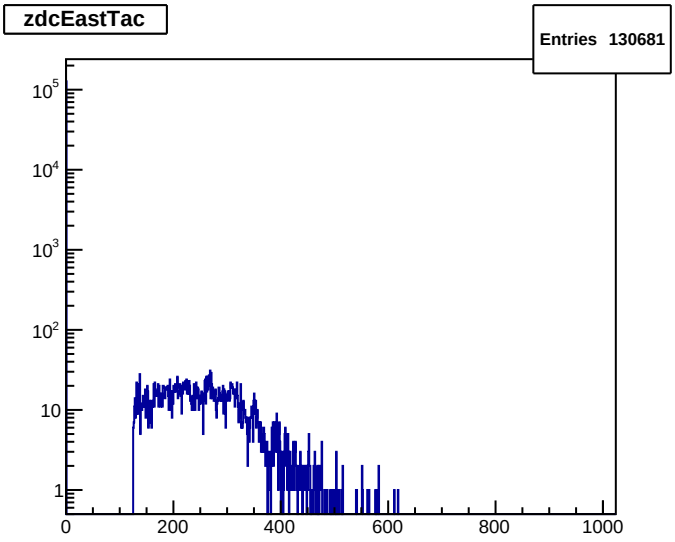

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

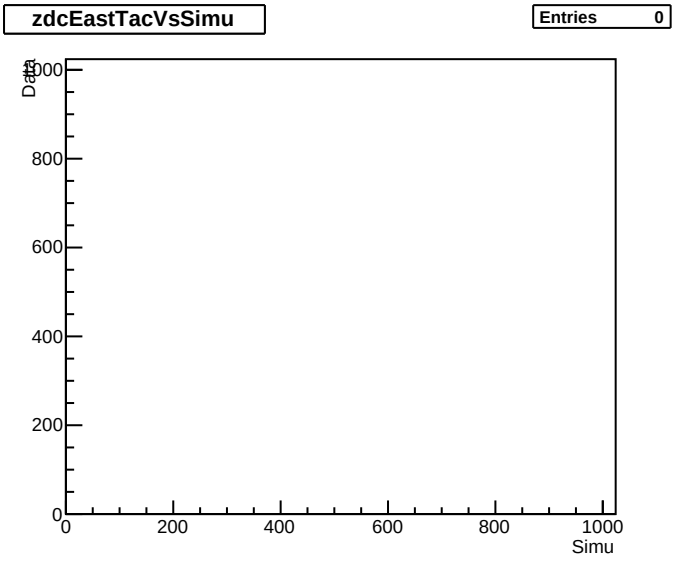

vpdWestAdcSum
Entries 130681

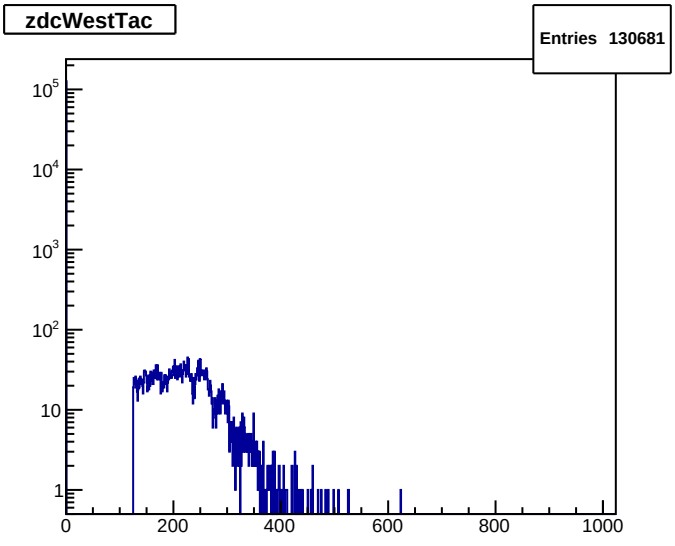

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

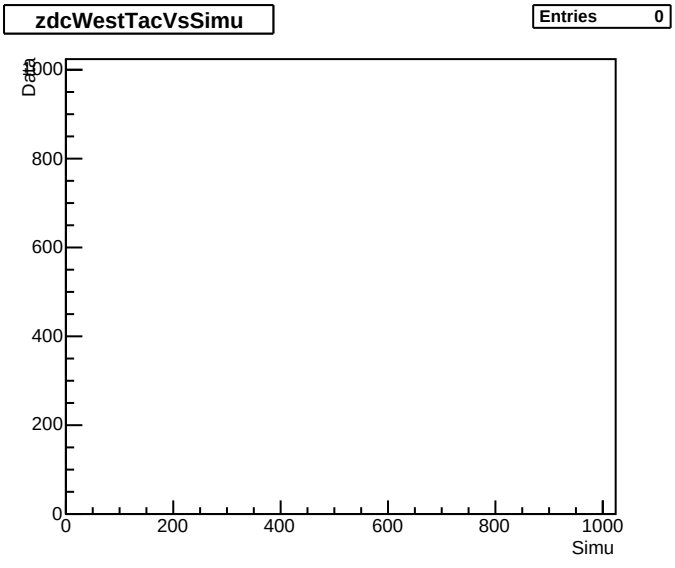

vpdWestTacMax
Entries 130681

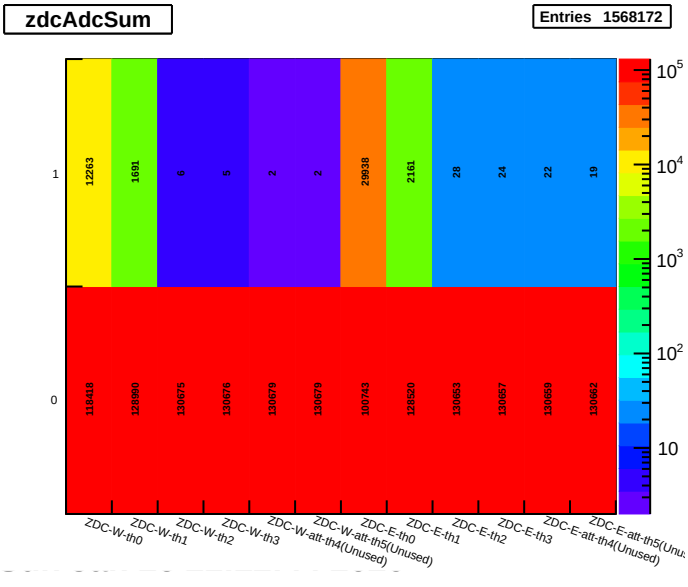

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

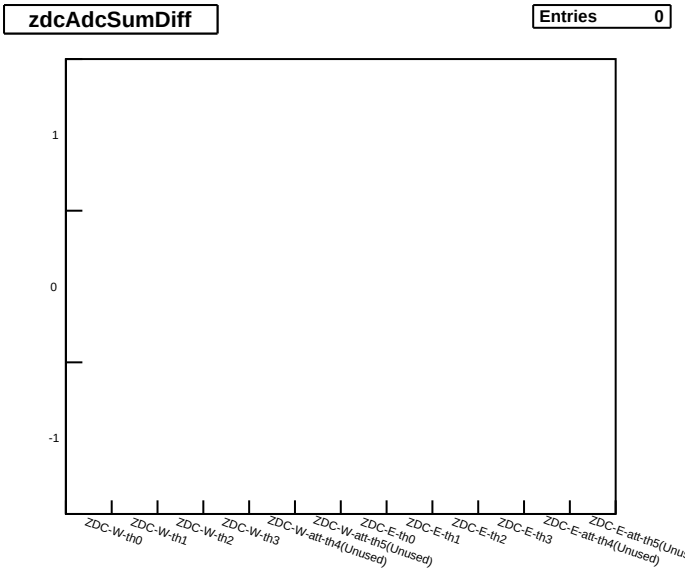

zdcEastTac
Entries 130681

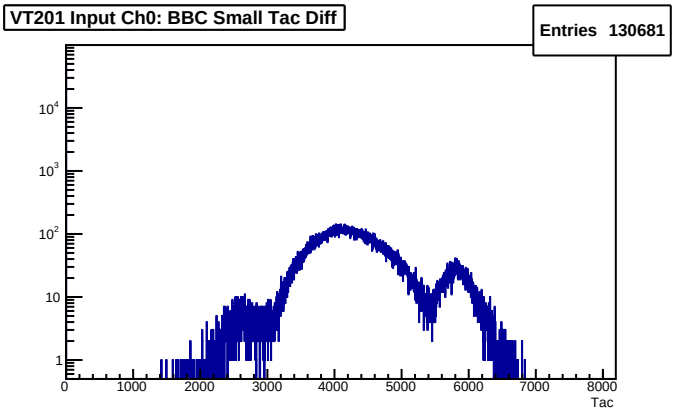

zdcEastTacVsSimu
Entries 0
Data
Simu

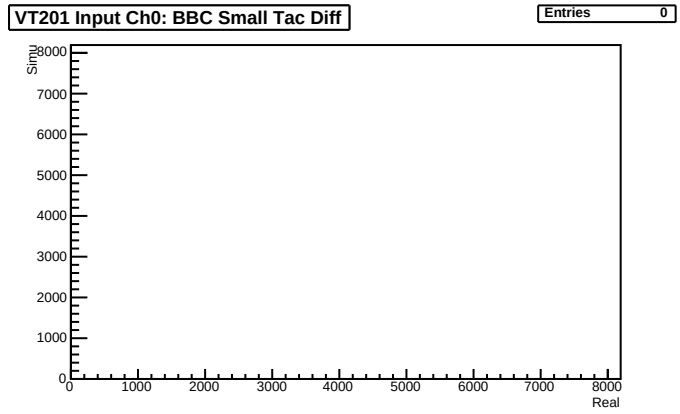

zdcWestTac
Entries 130681

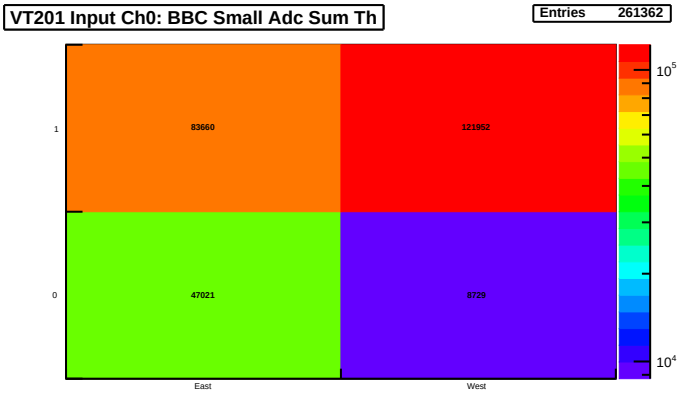

zdcWestTacVsSimu
Entries 0
Data
Simu

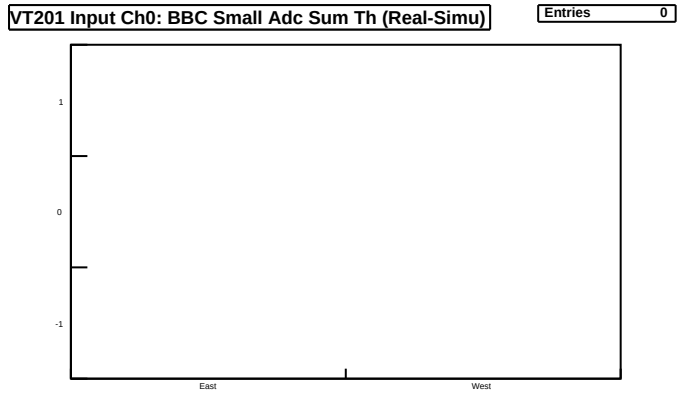

zdcAdcSum
Entries 1568172
12263
1691
6
5
2
2
29938
2161
28
24
22
19
118418
128890
130675
130676
130679
130679
100743
128520
130653
130657
130650
130662
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

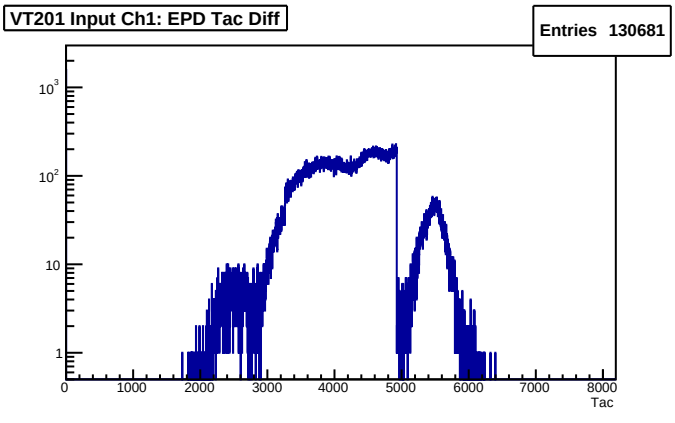

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

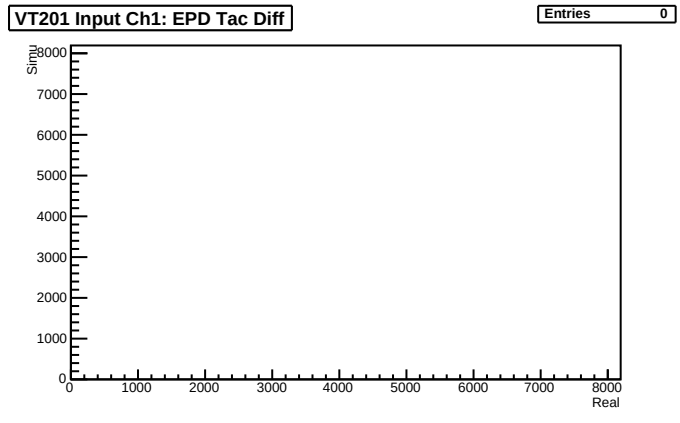

VT201 Input Ch0: BBC Small Tac Diff
Entries 130681
Tac

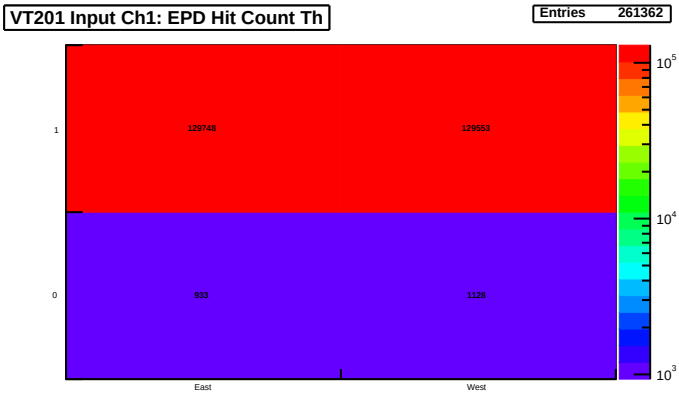

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

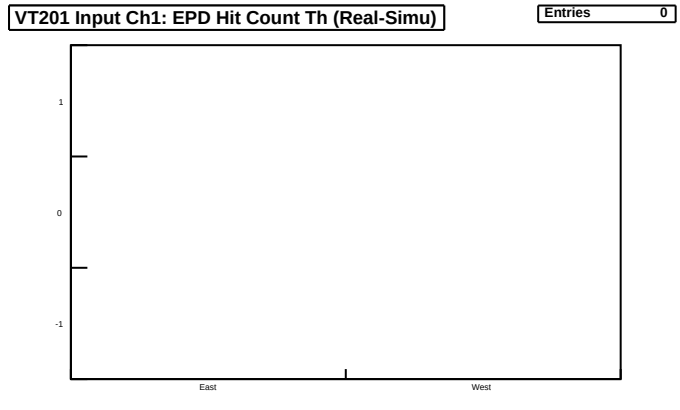

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 261362
83660
121952
47021
8729
East
West

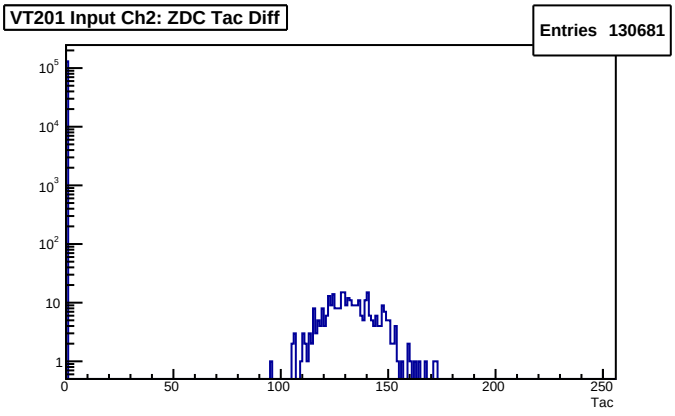

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

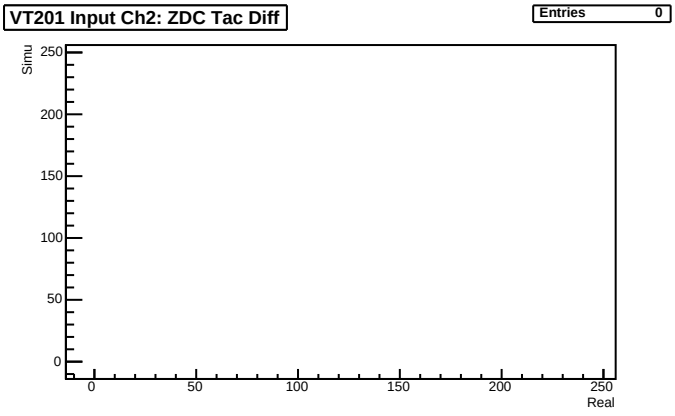

VT201 Input Ch1: EPD Tac Diff
Entries 130681
Tac

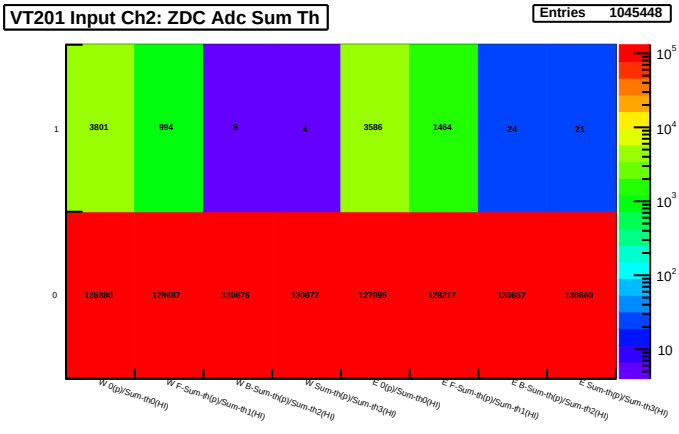

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

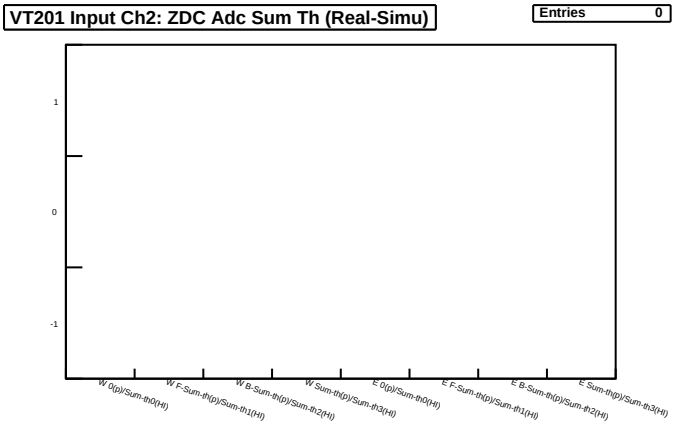

VT201 Input Ch1: EPD Hit Count Th
Entries 261362
129748
129553
933
1128
East
West

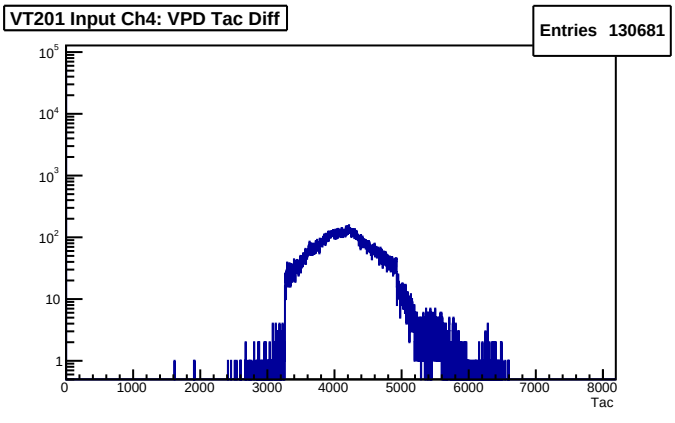

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

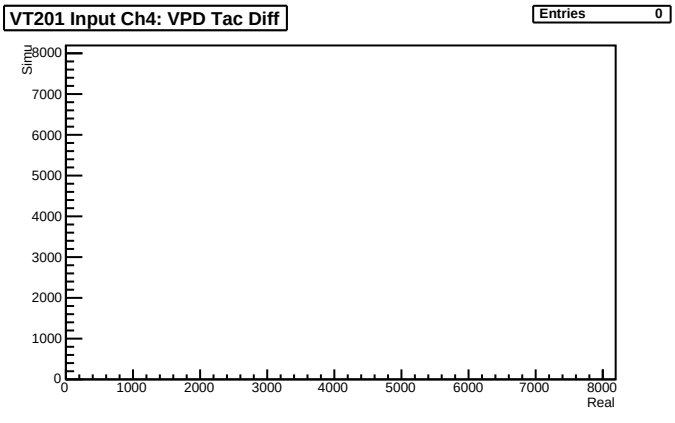

VT201 Input Ch2: ZDC Tac Diff
Entries 130681
Tac

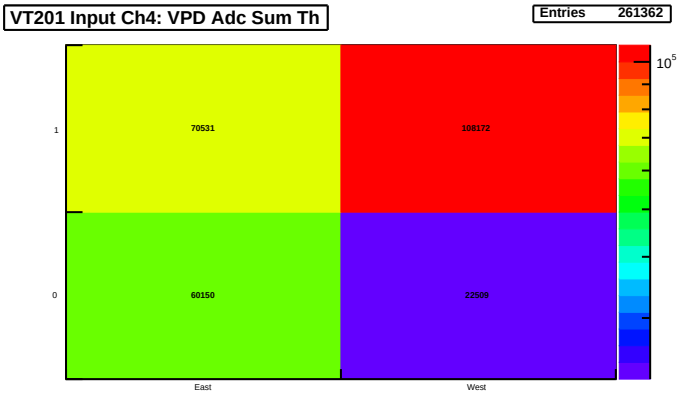

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

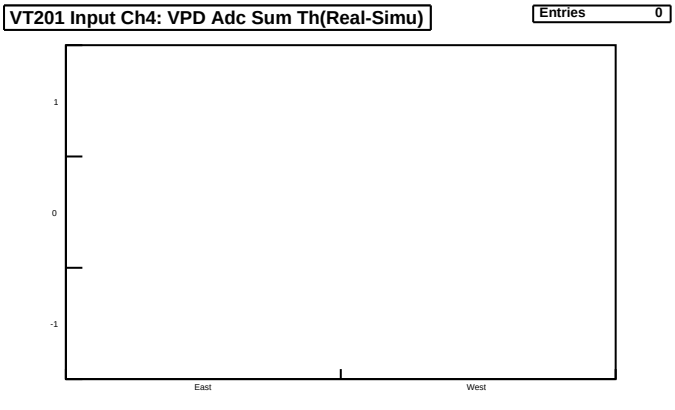

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1045448
3801
994
5
4
3586
1464
24
21
126880
129687
130676
130677
127095
129217
130657
130660
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

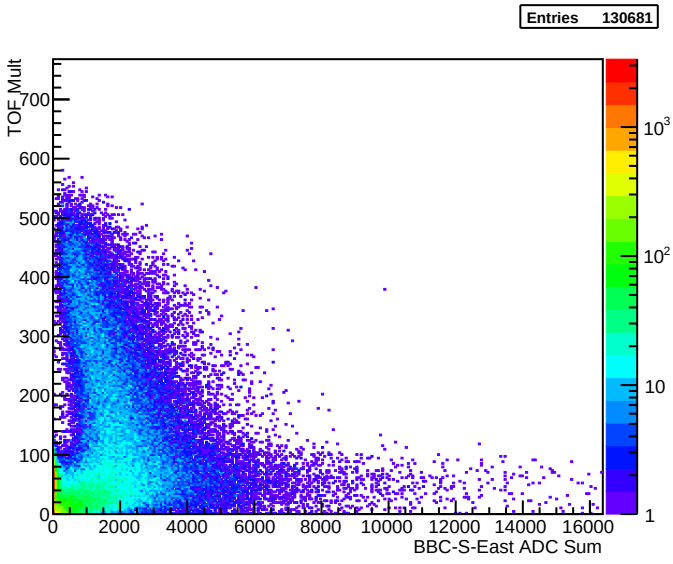

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

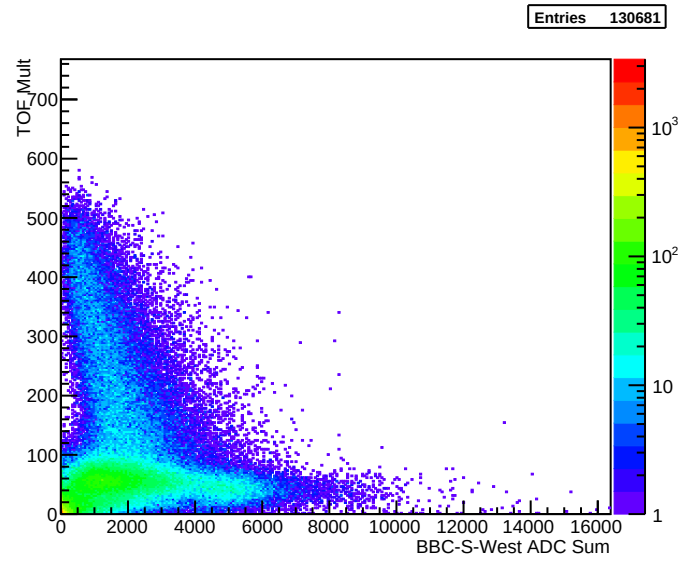

VT201 Input Ch4: VPD Tac Diff
Entries 130681
Tac

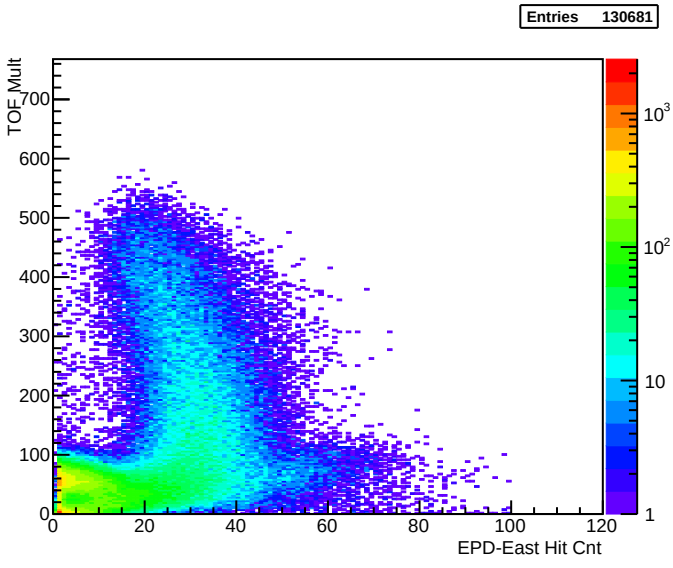

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

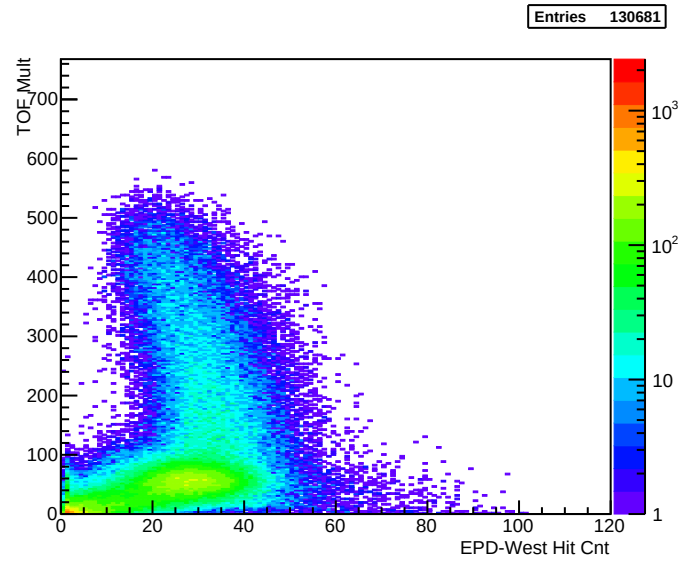

VT201 Input Ch4: VPD Adc Sum Th
Entries 261362
70531
108172
60150
22509
East
West

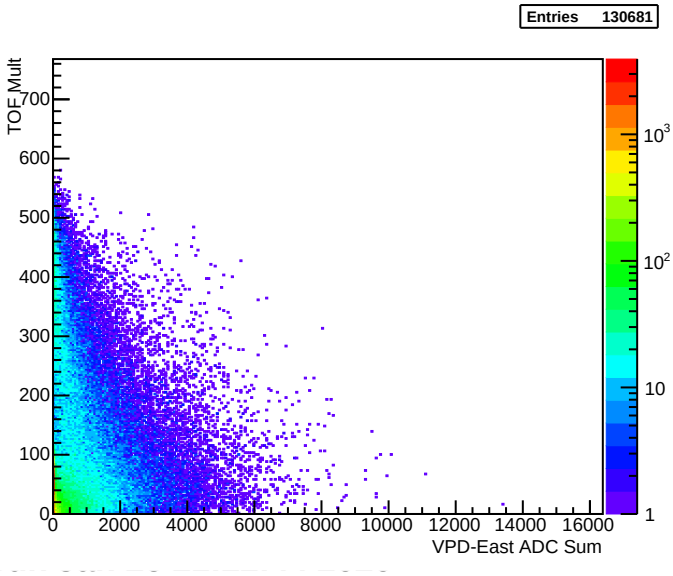

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

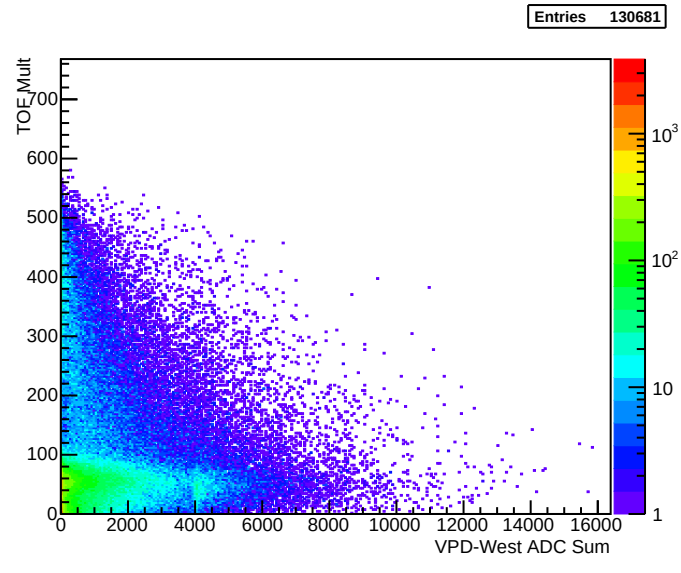

Entries 130681
TOF_Mult
BBC-S-East ADC Sum

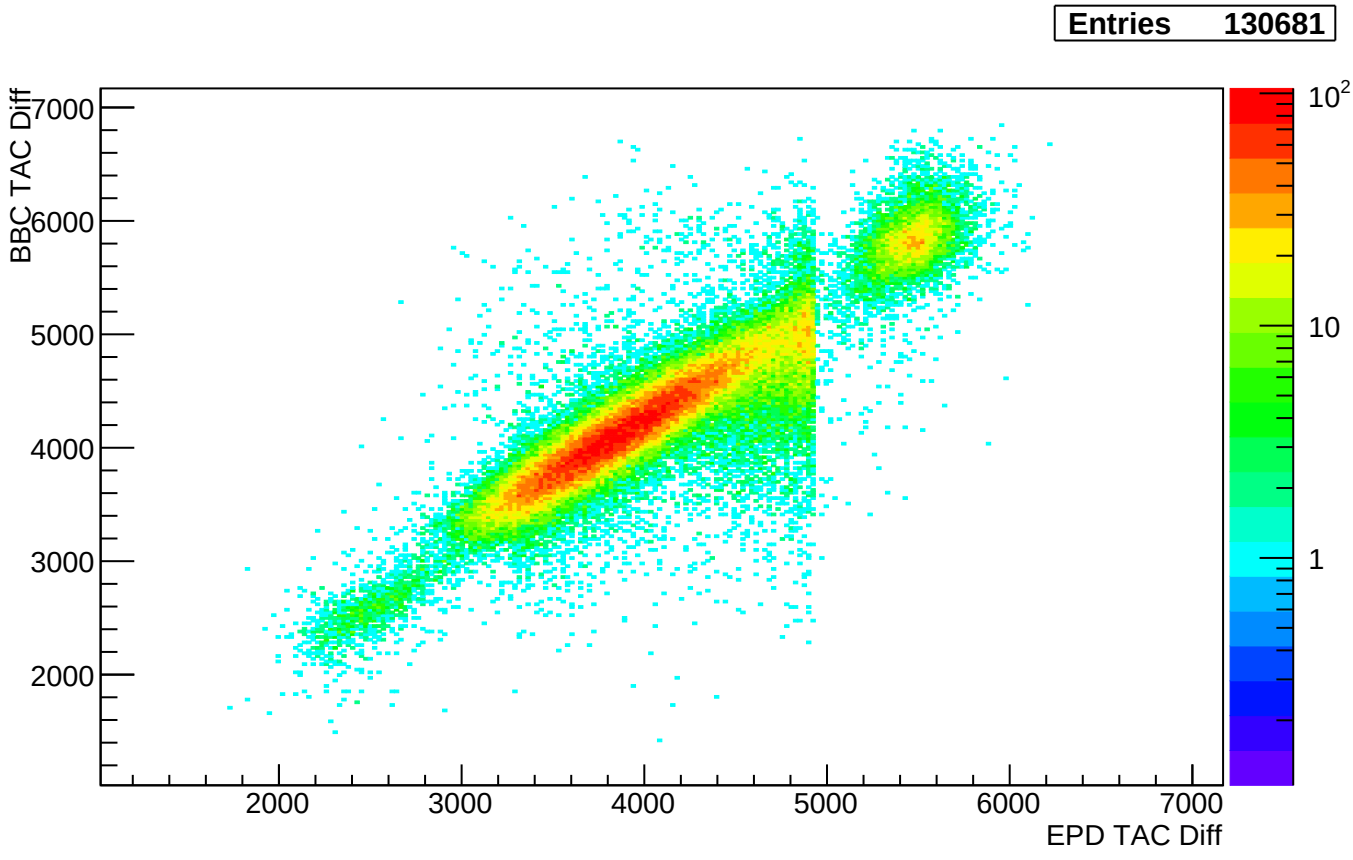

Entries 130681
TOF_Mult
BBC-S-West ADC Sum

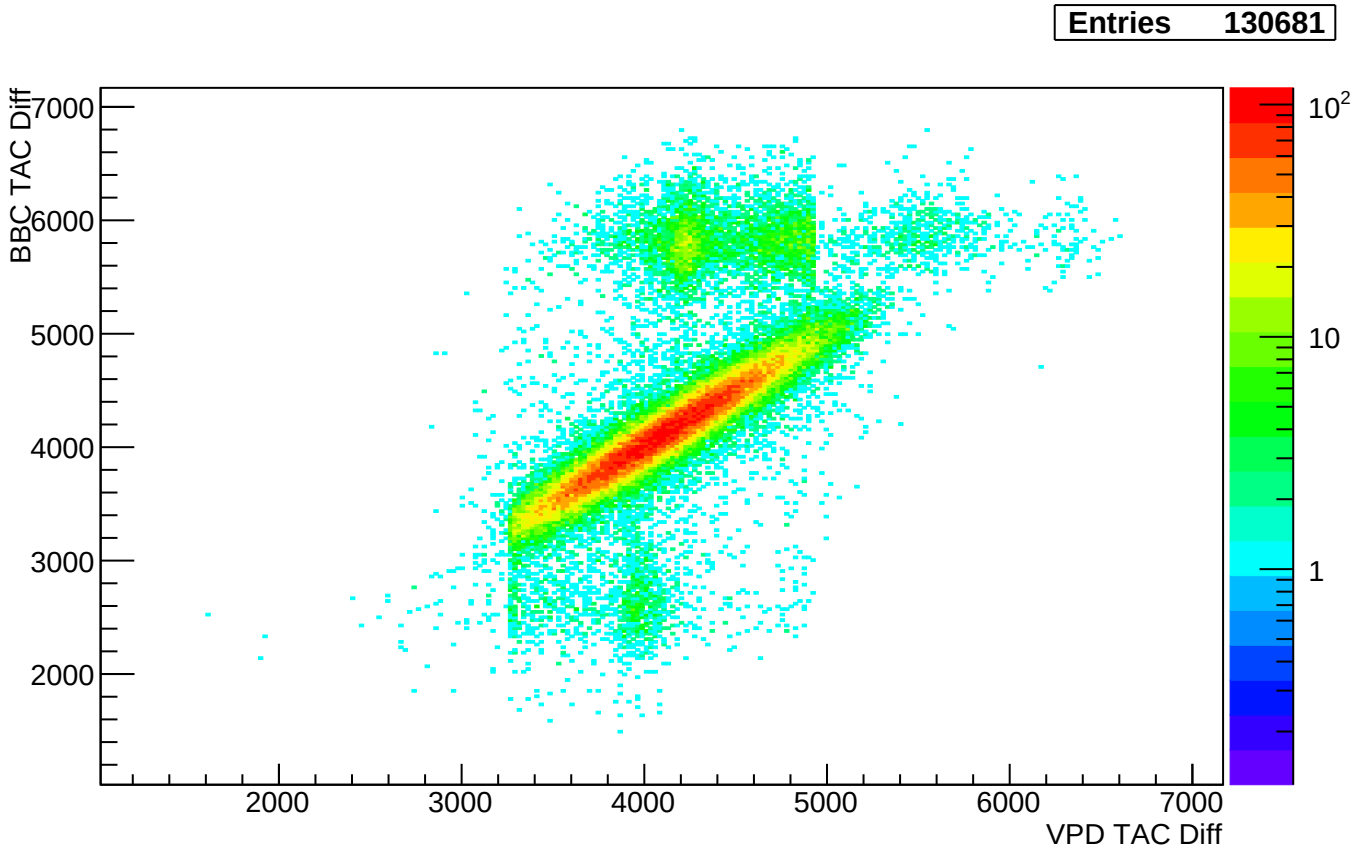

Entries 130681
TOF_Mult
EPD-East Hit Cnt

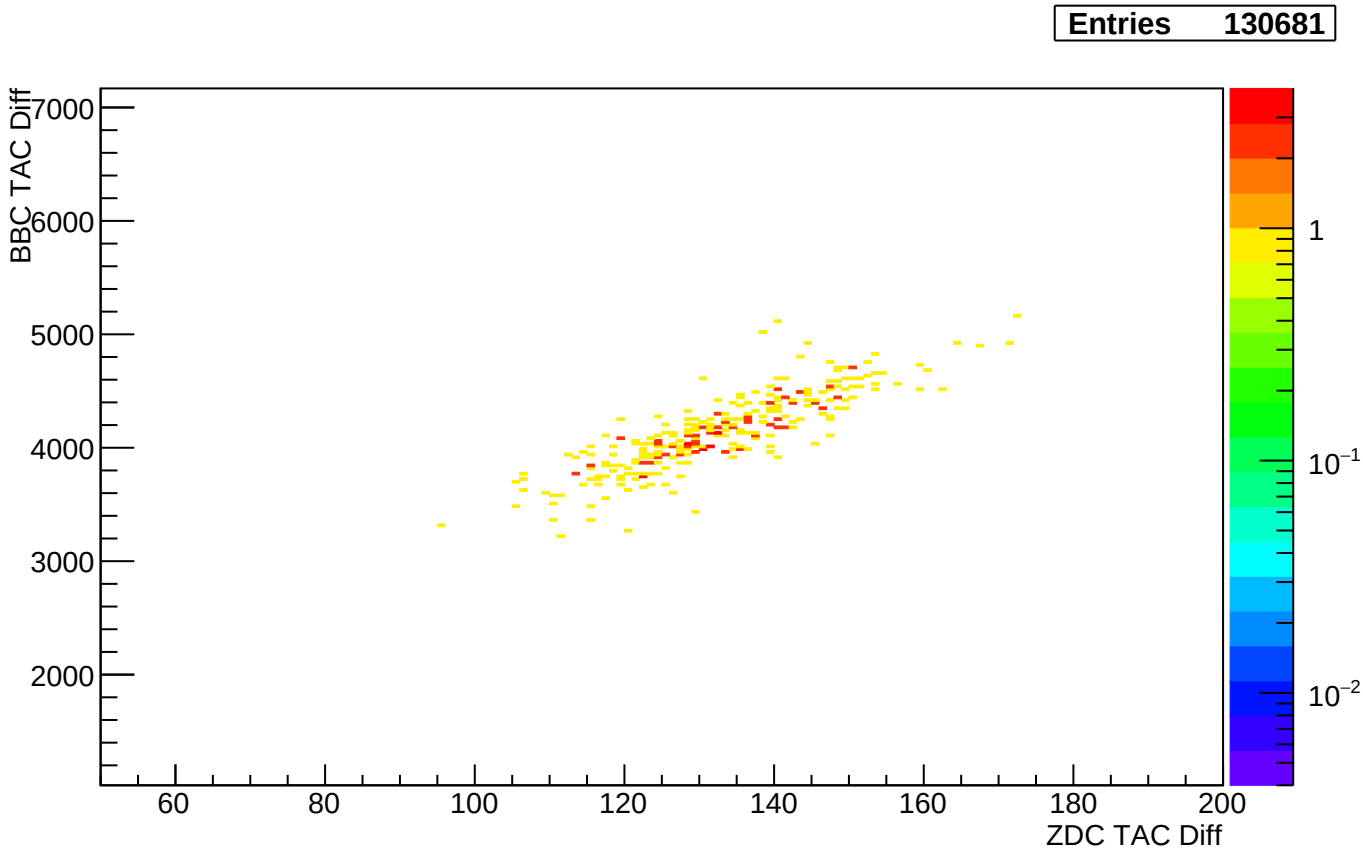

Entries 130681
TOF_Mult
EPD-West Hit Cnt

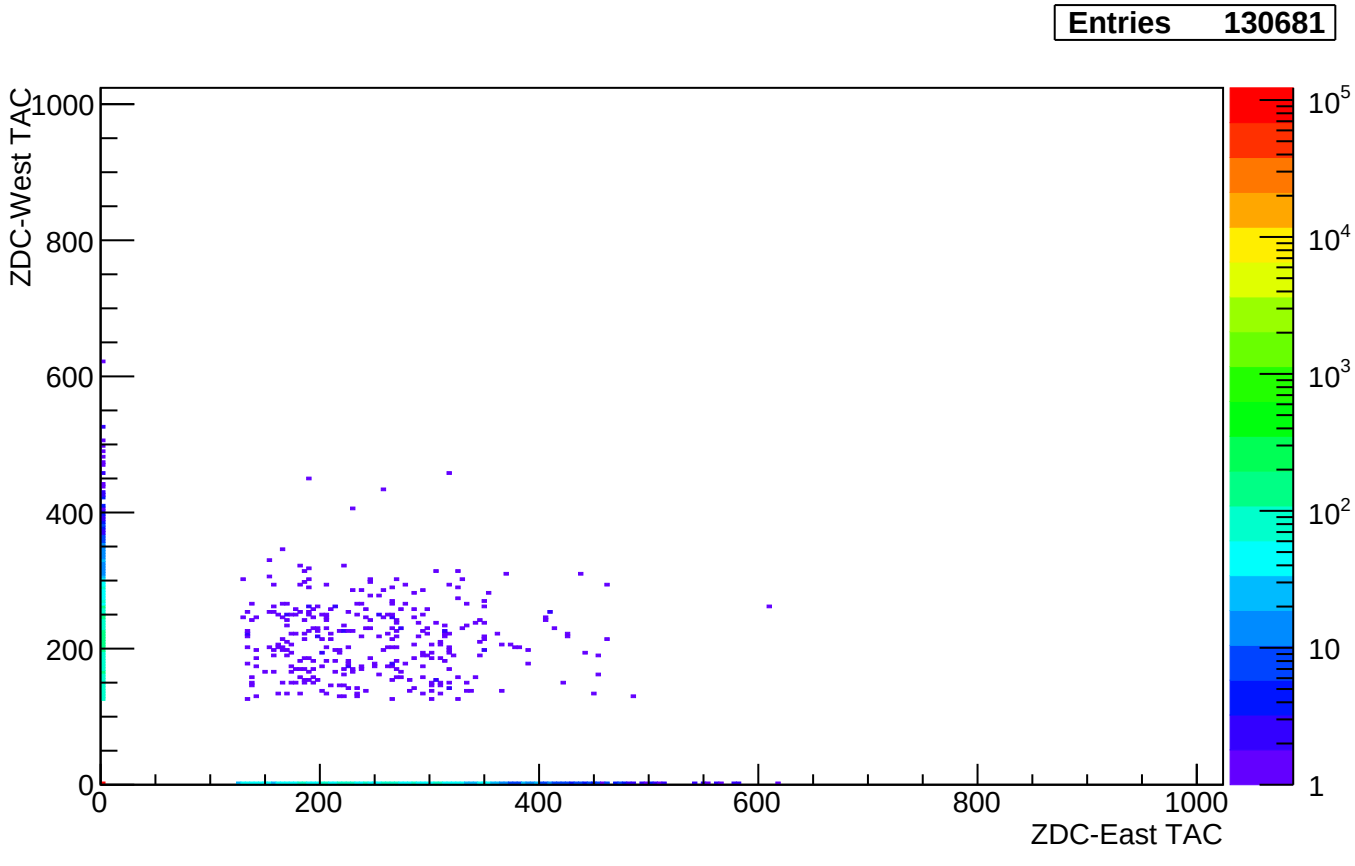

Entries 130681
TOF_Mult
VPD-East ADC Sum

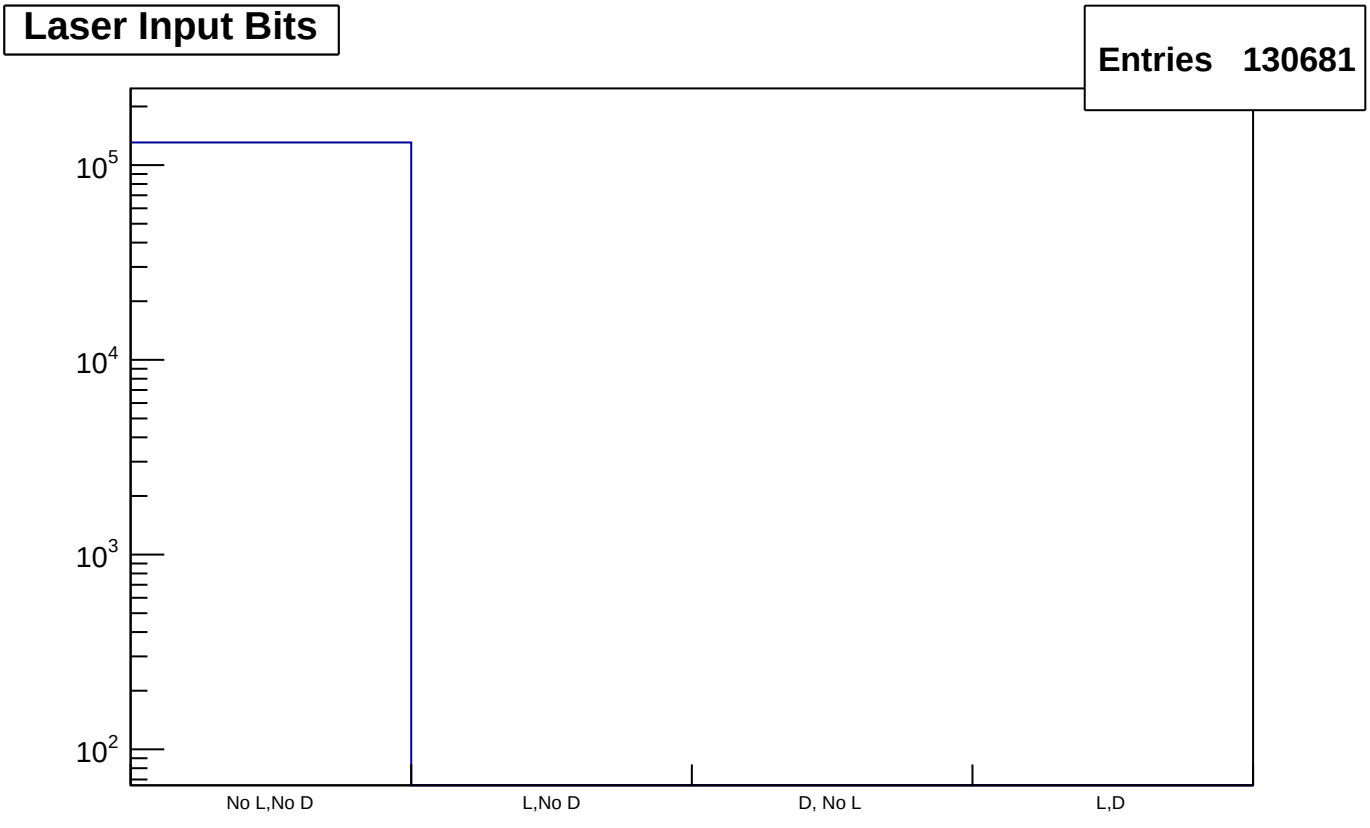

Entries 130681
TOF_Mult
VPD-West ADC Sum

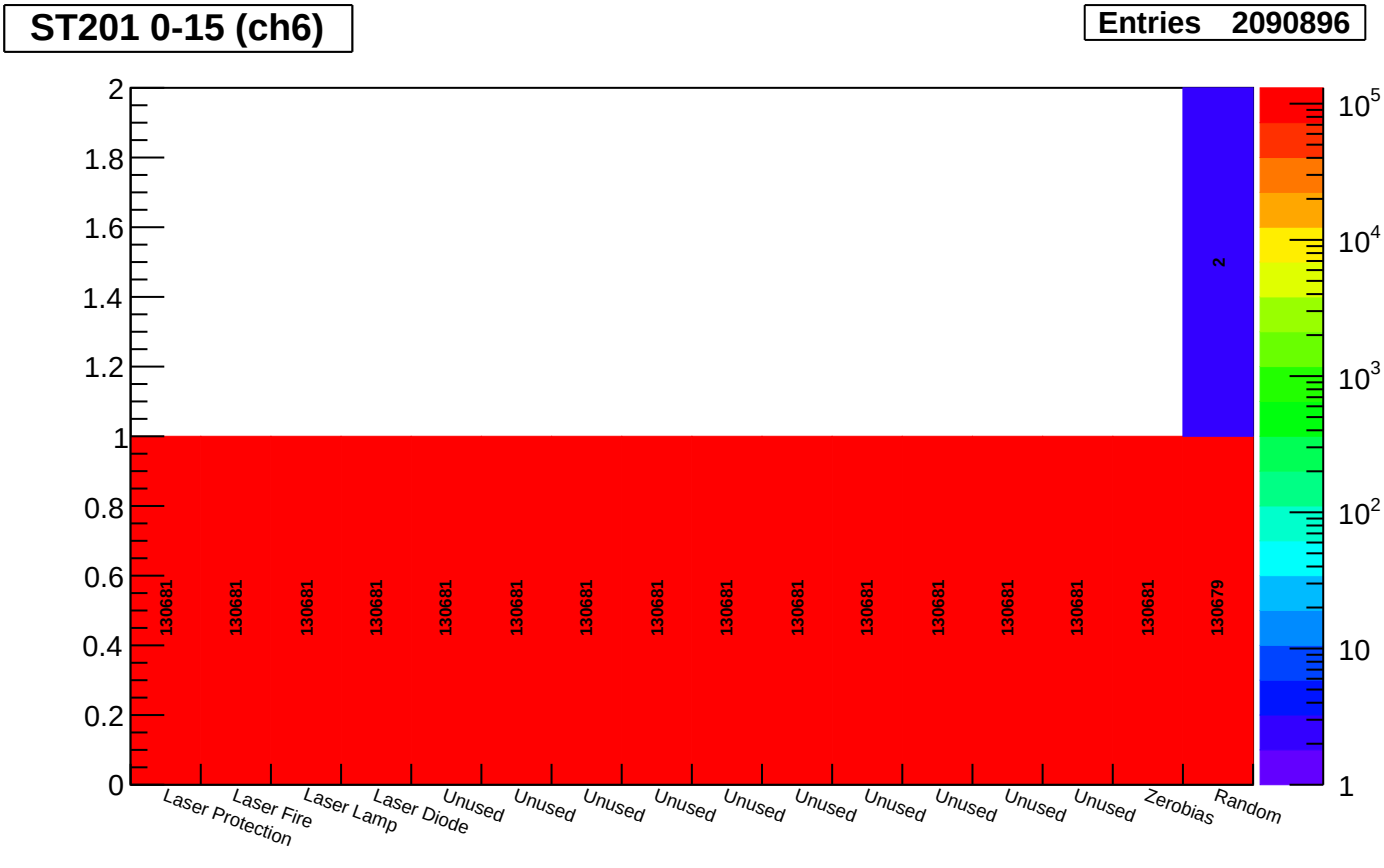

Entries 130681
BBC TAC Diff
EPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

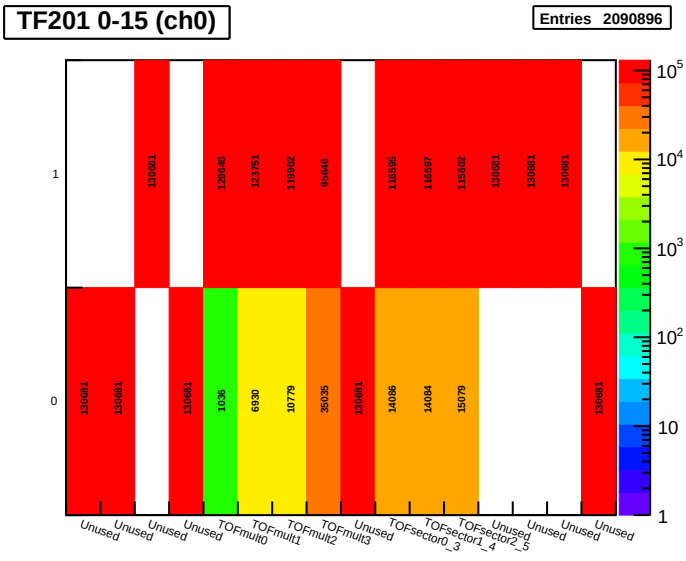

Entries 130681
BBC TAC Diff
VPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

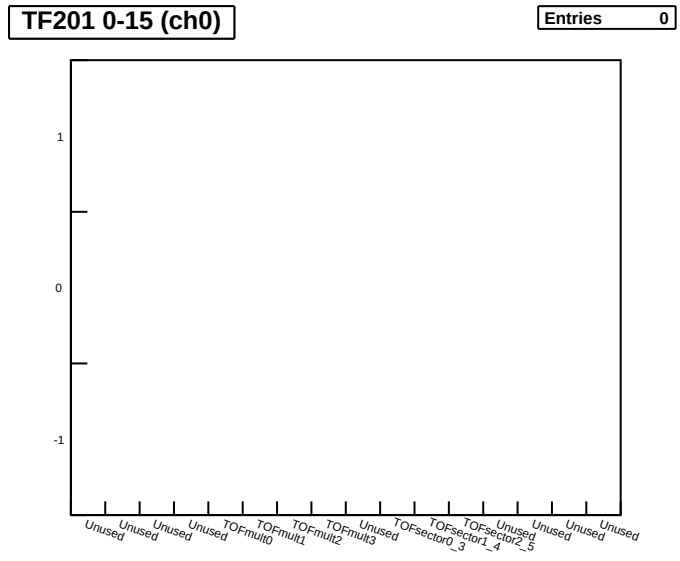

Entries 130681
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

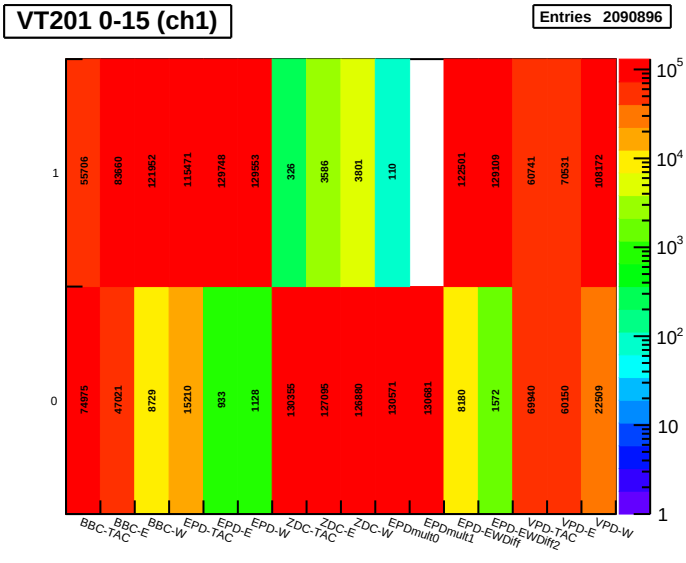

Entries 130681
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

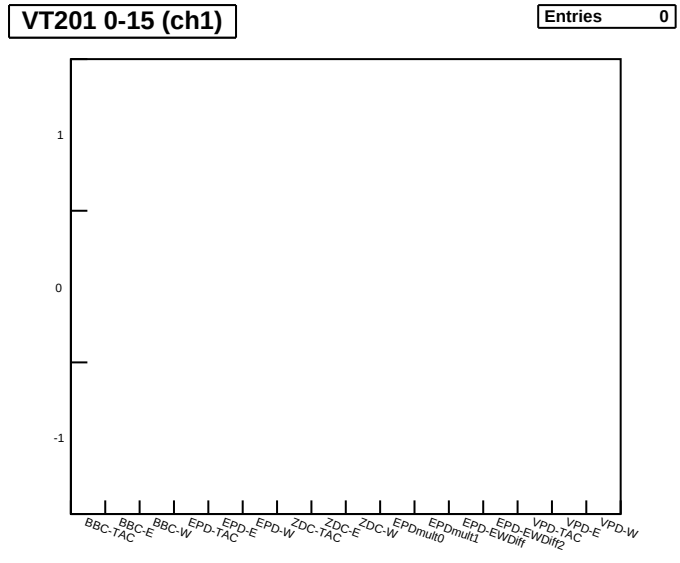

Laser Input Bits
Entries 130681
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

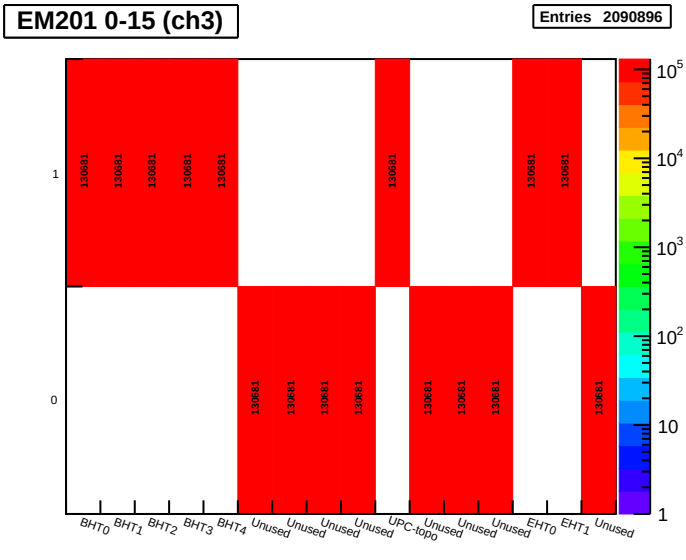

ST201 0-15 (ch6)
Entries 2090896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
130681
130679
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

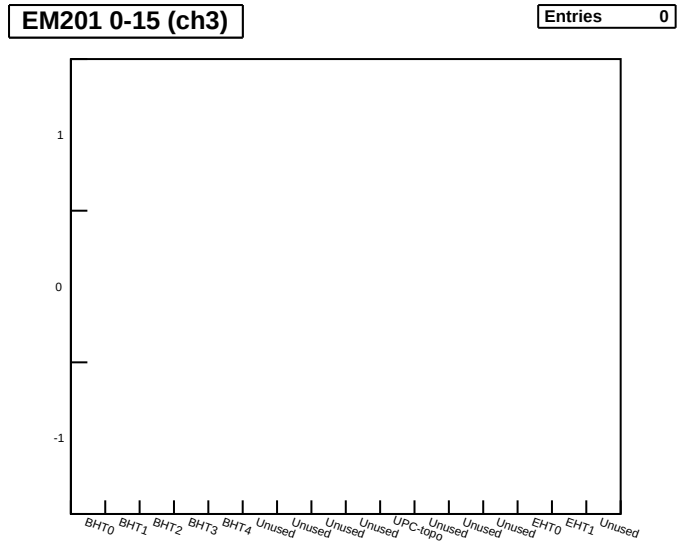

TF201 0-15 (ch0)
Entries 2090896
1
0
130681 130681 130681 130681 120645 123751 110902 95646 116595 116597 115602 130681 130681 130681
130681 130681 130681 1036 6930 10779 35035 130681 14086 14084 15079 130681
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 2090896
1
0
55706 83660 121952 115471 129748 129953 326 3586 3801 110 122501 129109 60741 70531 108172
74975 47021 8729 15210 933 1128 130355 127095 126880 130571 130681 8180 1572 69940 60150 22509
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 2090896
1
0
130681 130681 130681 130681 130681 130681 130681 130681
130681 130681 130681 130681 130681 130681 130681 130681
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