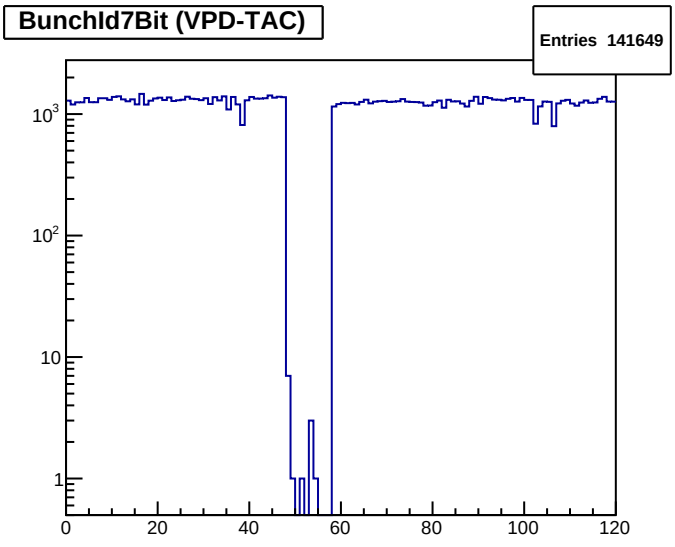
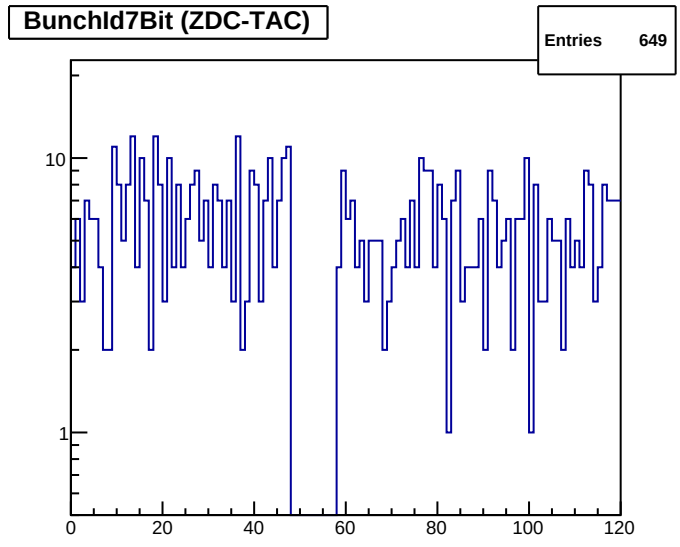
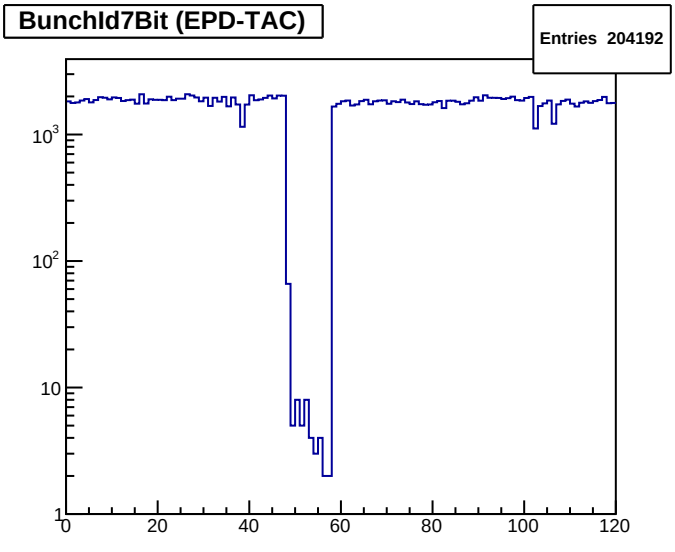
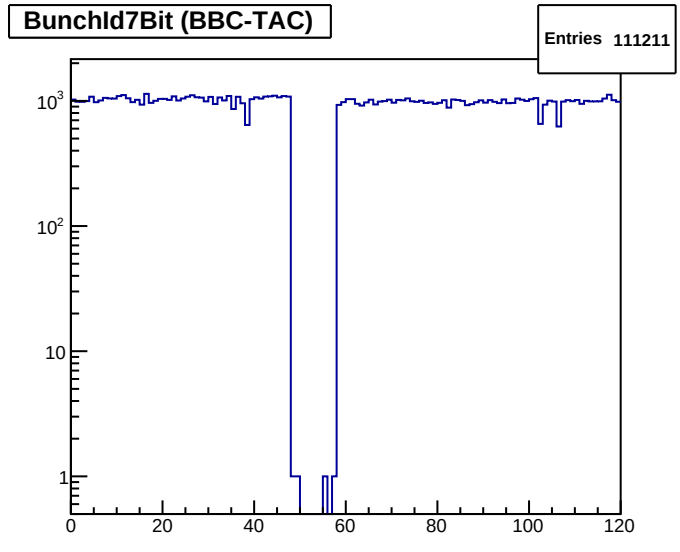
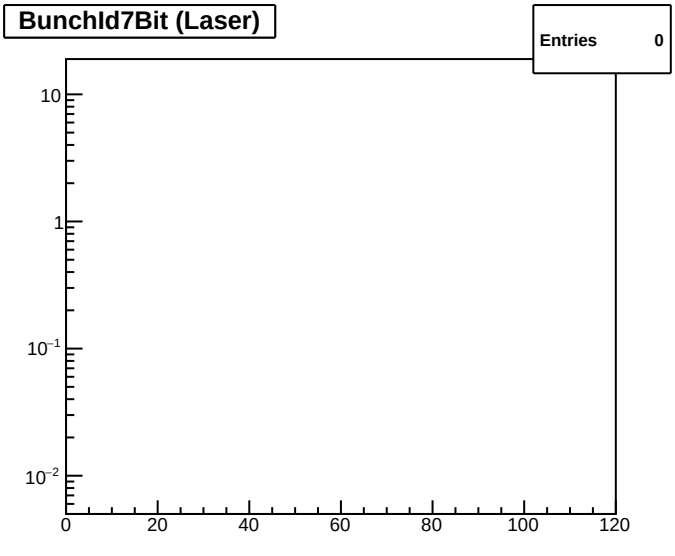
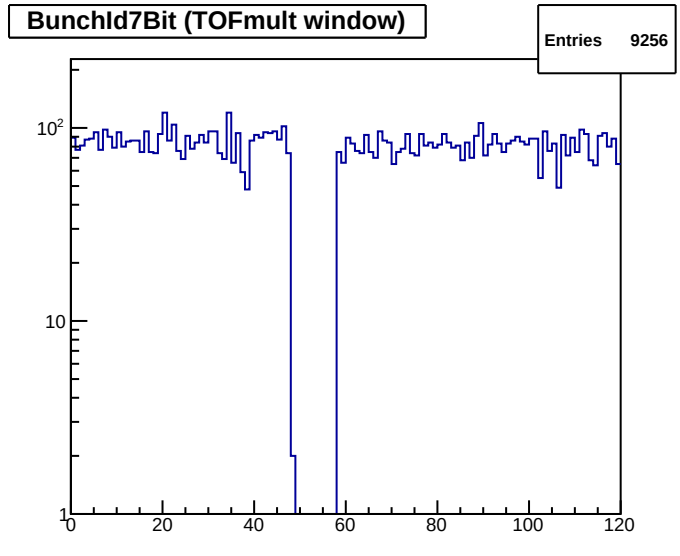

BunchId7Bit (VPD-TAC)
Entries 141649

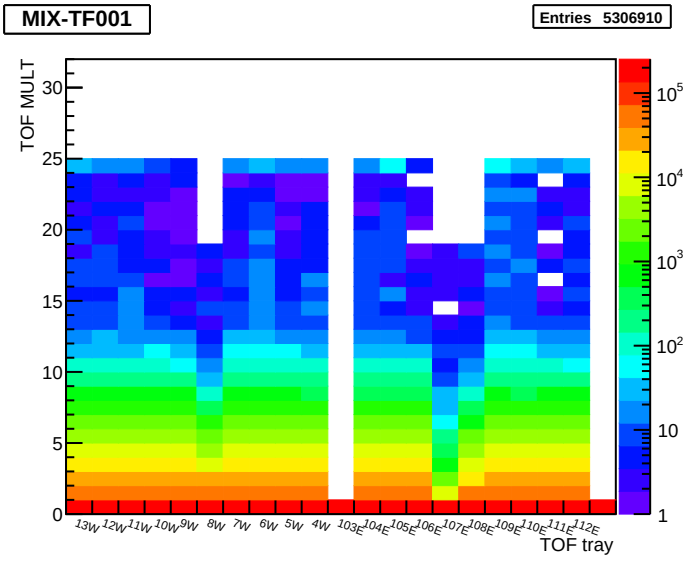

BunchId7Bit (ZDC-TAC)
Entries 649

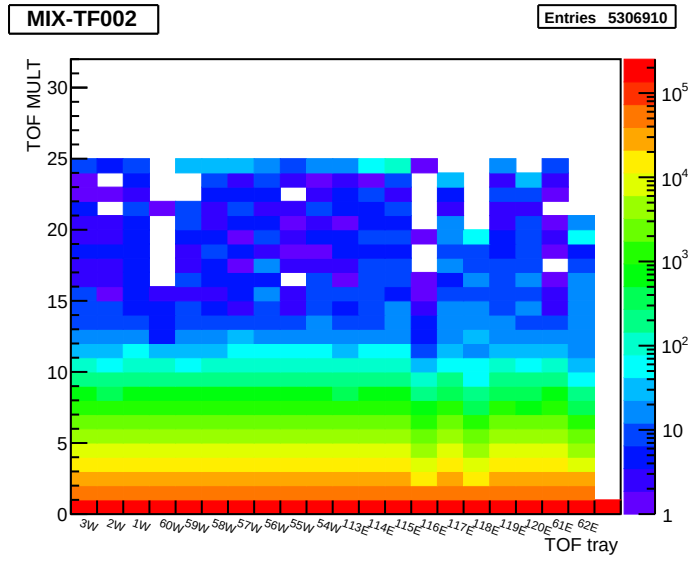

BunchId7Bit (EPD-TAC)
Entries 204192

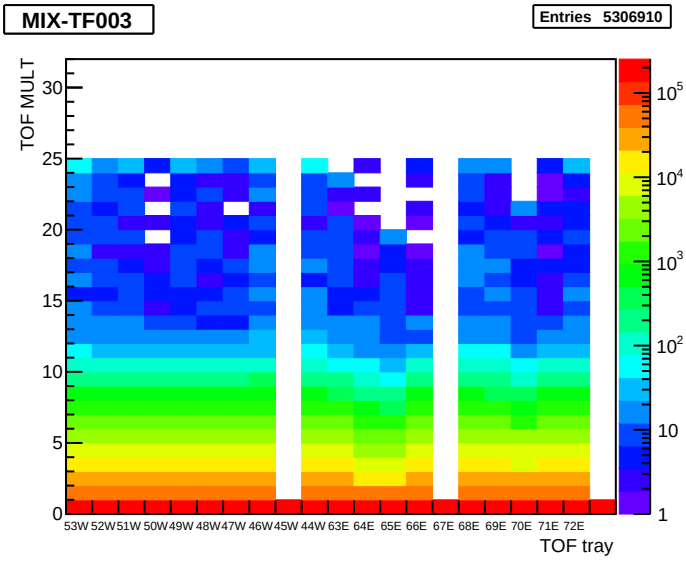

BunchId7Bit (BBC-TAC)
Entries 111211

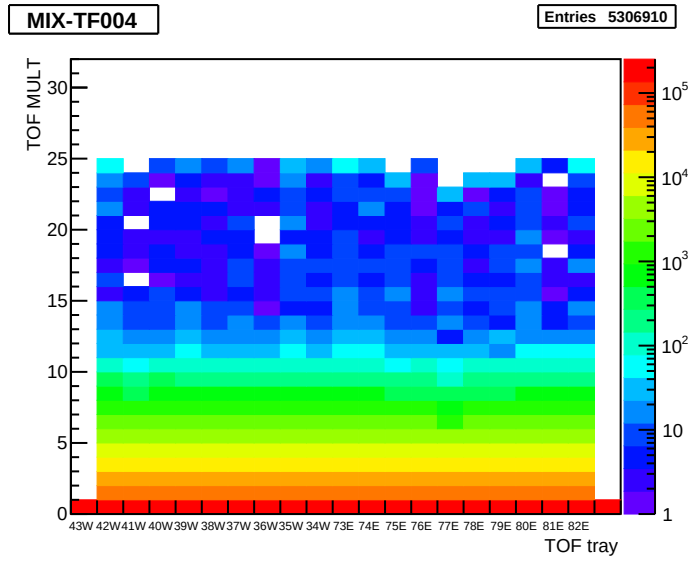

BunchId7Bit (Laser)
Entries 0

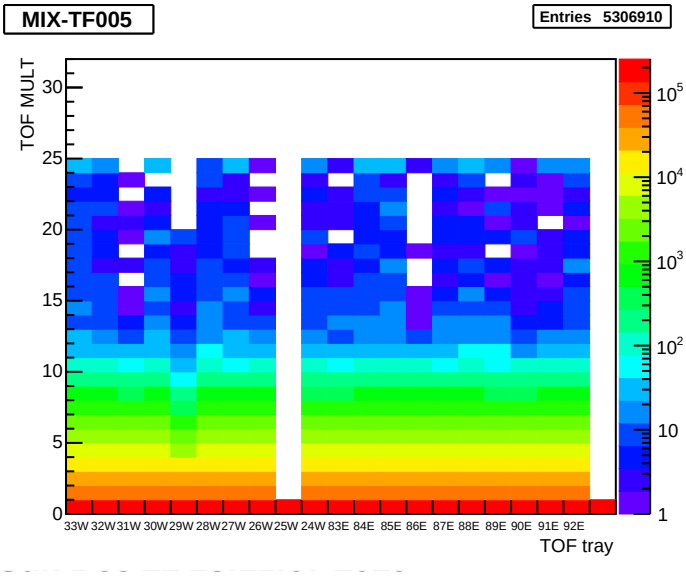

BunchId7Bit (TOFmult window)
Entries 9256

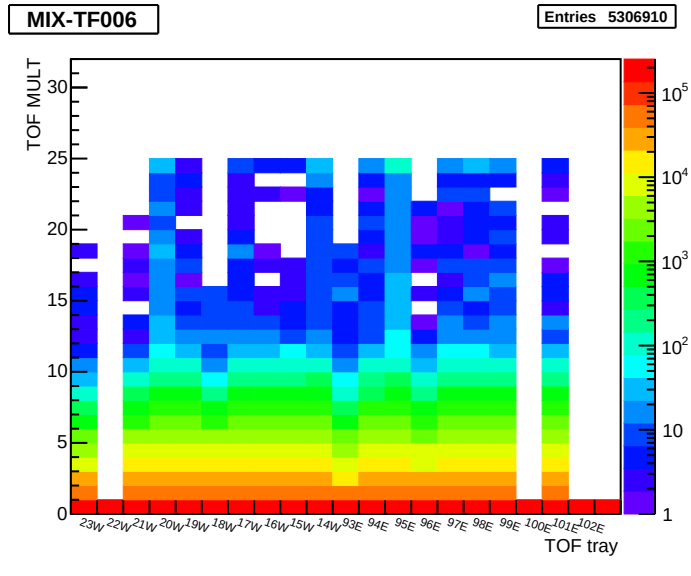

MIX-TF001
Entries 5306910
TOF MULT
TOF tray

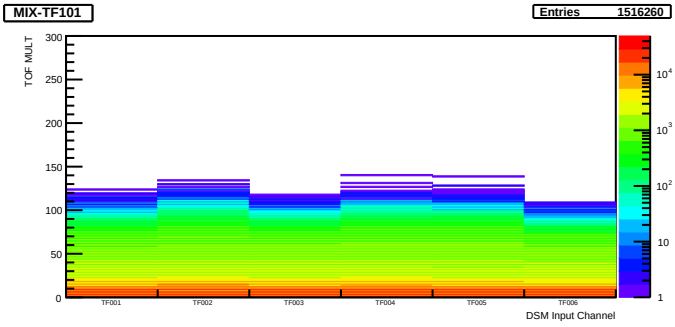

MIX-TF002
Entries 5306910
TOF MULT
TOF tray

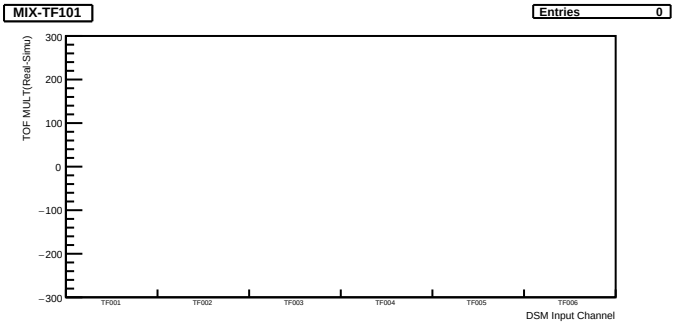

MIX-TF003
Entries 5306910
TOF MULT
TOF tray

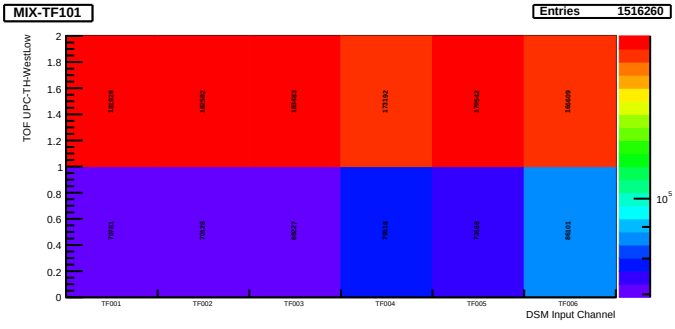

MIX-TF004
Entries 5306910
TOF MULT
TOF tray

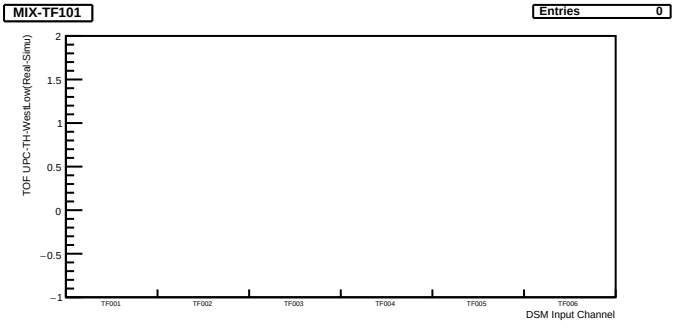

MIX-TF005
Entries 5306910
TOF MULT
TOF tray

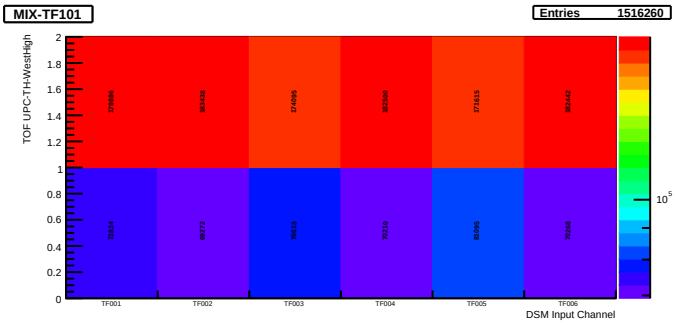

MIX-TF006
Entries 5306910
TOF MULT
TOF tray

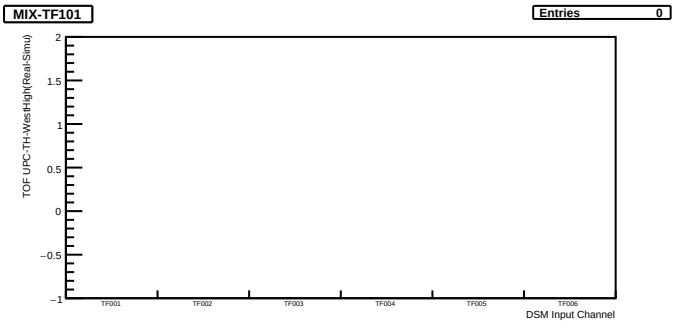

MIX-TF101
Entries 1516260
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

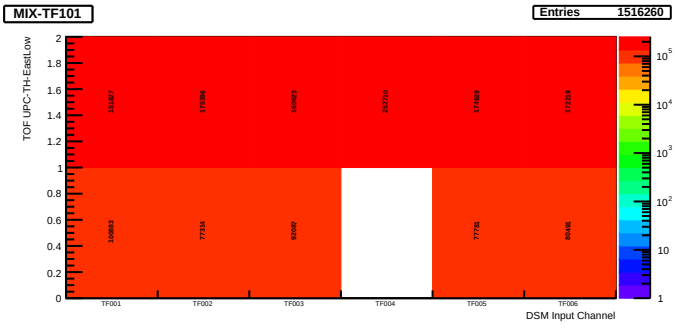

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

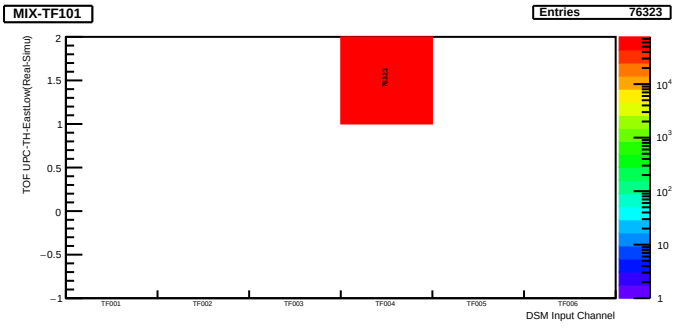

MIX-TF101
Entries 1516260
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

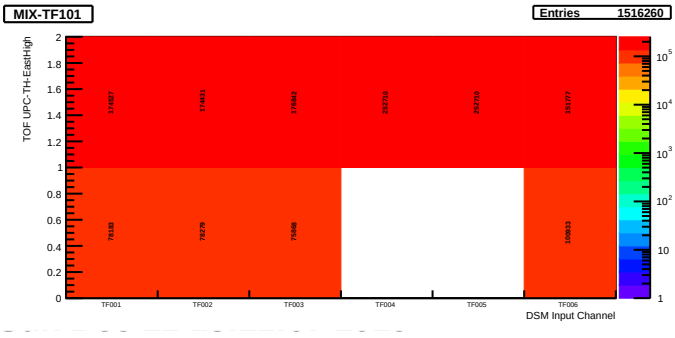

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

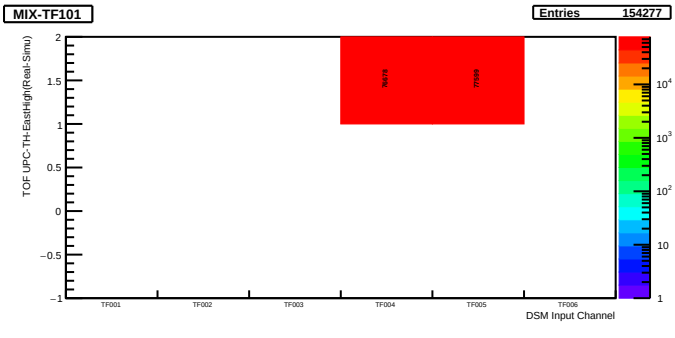

MIX-TF101
Entries 1516260
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

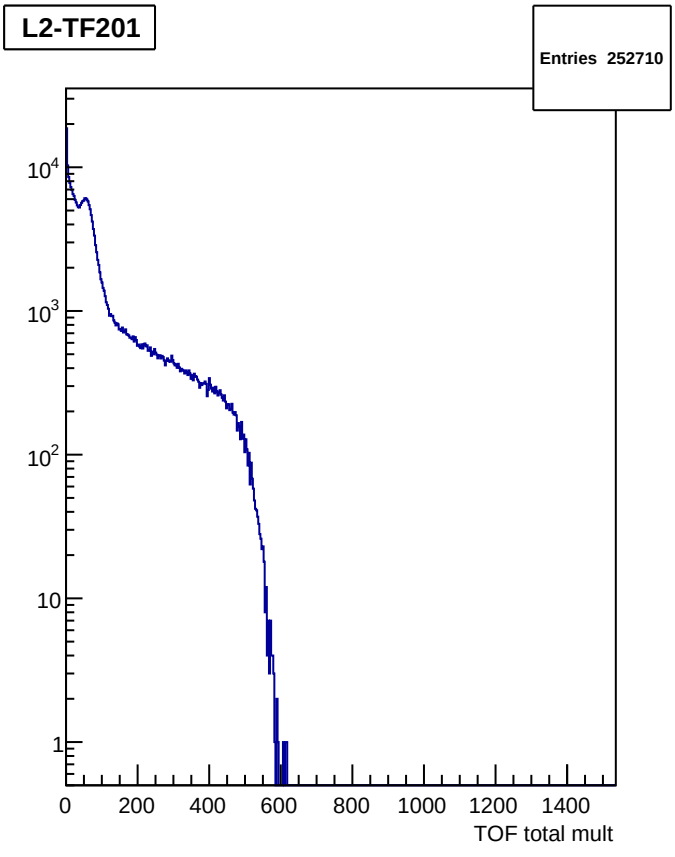

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

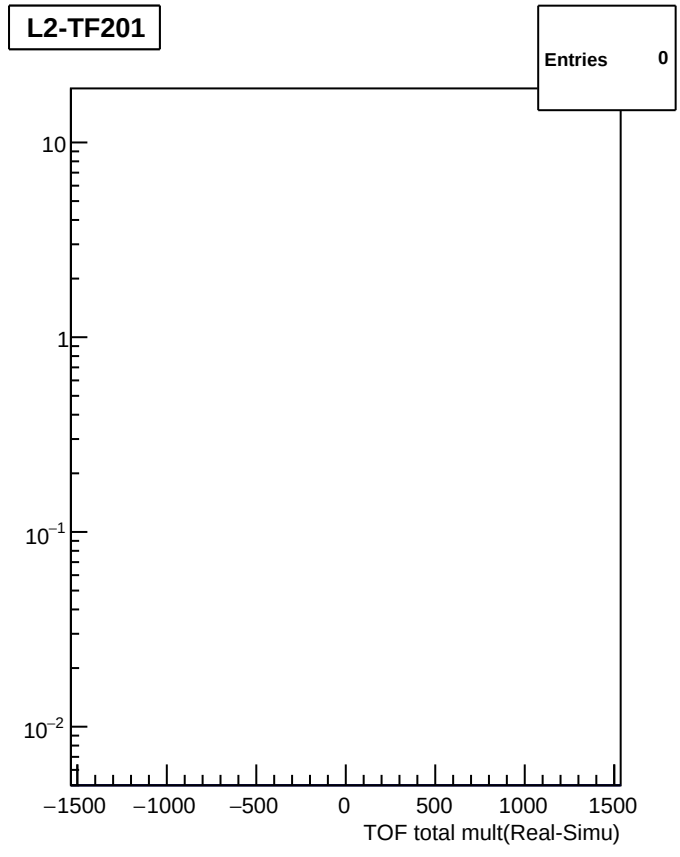

MIX-TF101
Entries 1516260
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

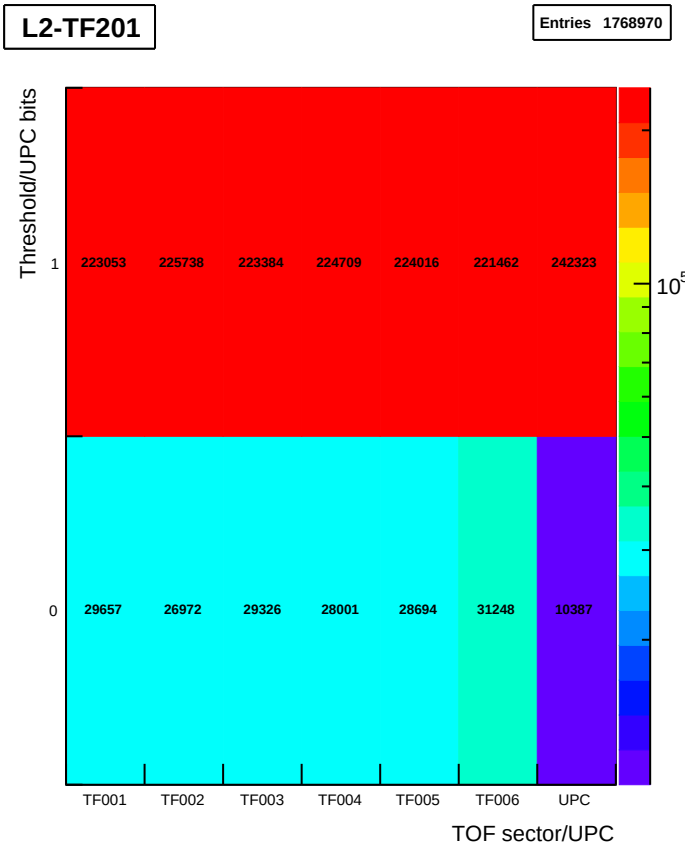

MIX-TF101
Entries 76323
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

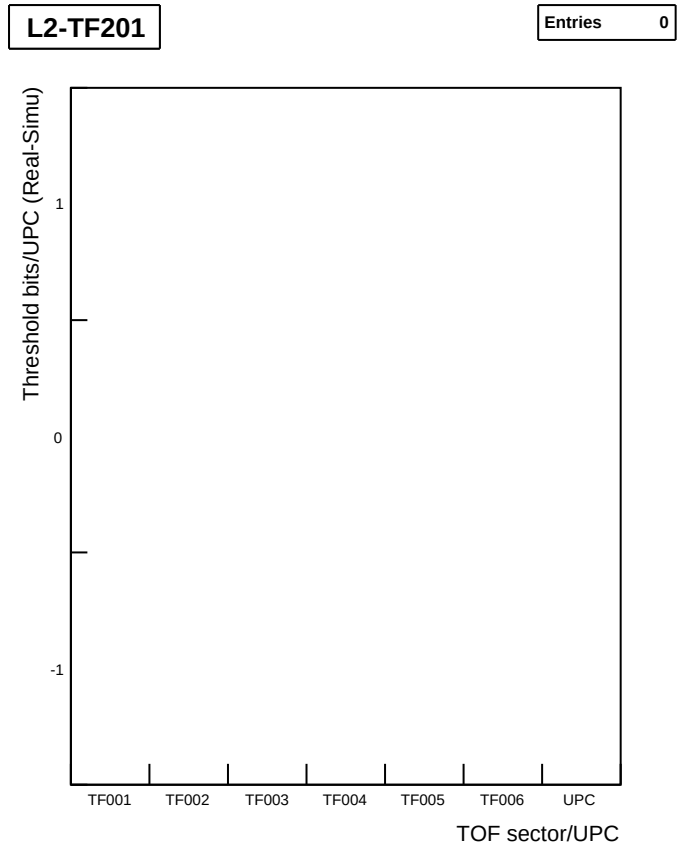

MIX-TF101
Entries 1516260
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

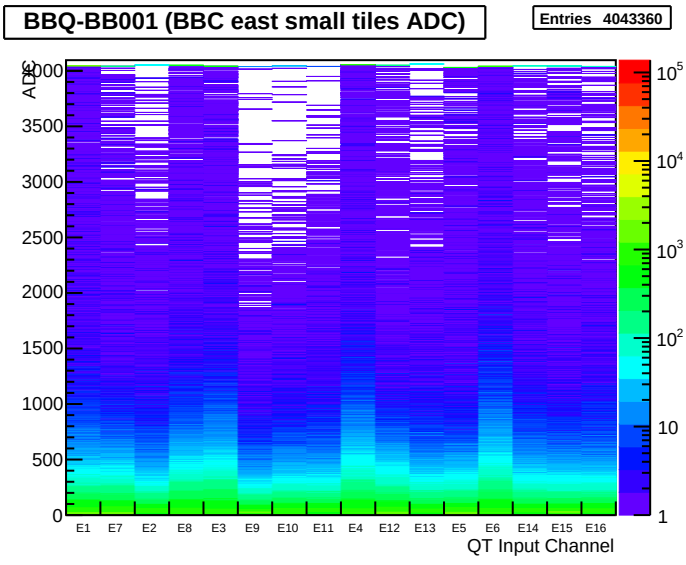

MIX-TF101
Entries 154277
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

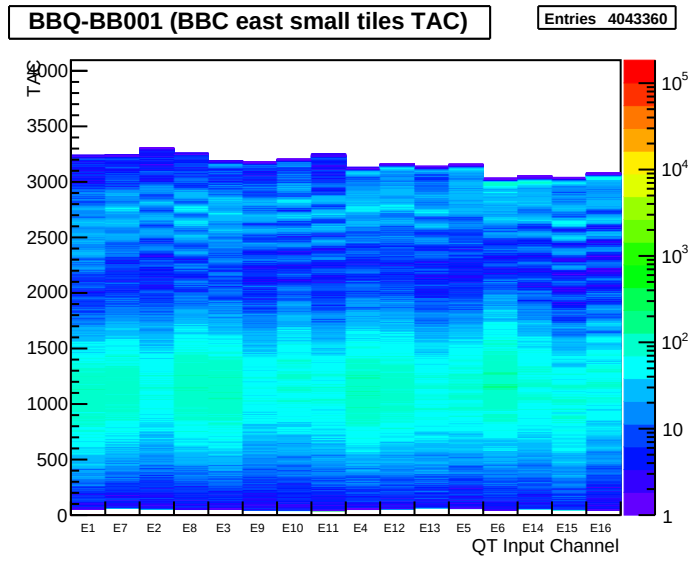

L2-TF201
Entries 252710
TOF total mult

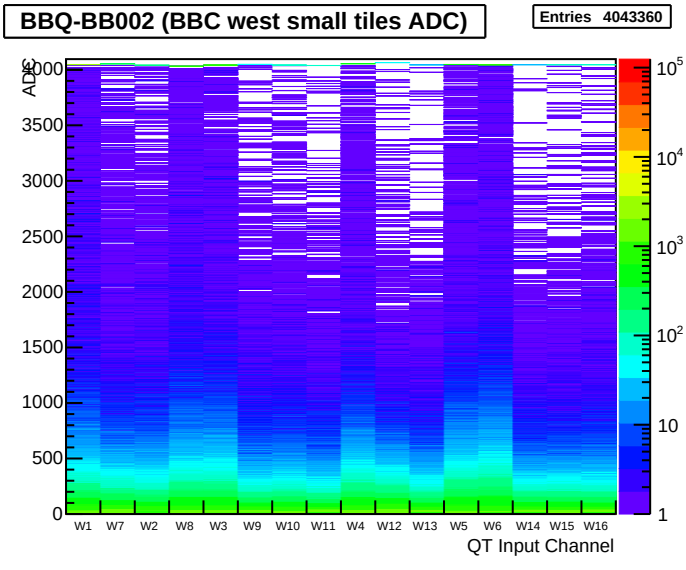

L2-TF201
Entries 0
TOF total mult(Real-Simu)

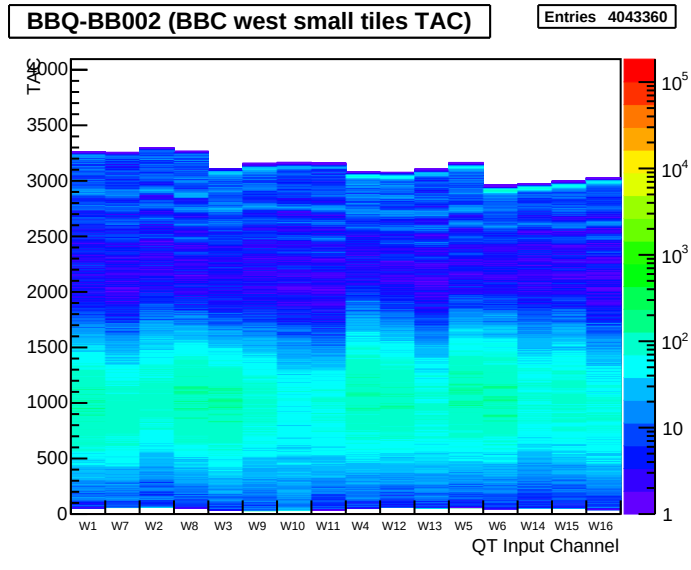

L2-TF201
Entries 1768970
Threshold/UPC bits
223053
225738
223384
224709
224016
221462
242323
29657
26972
29326
28001
28694
31248
10387
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

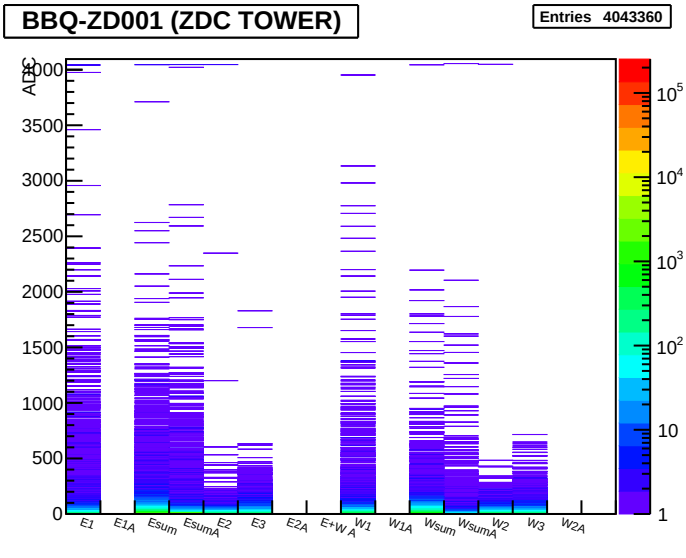

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

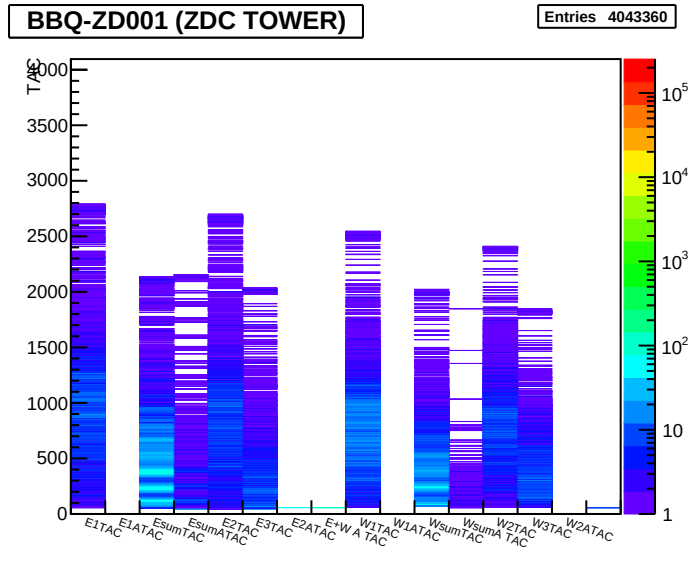

BBQ-BB001 (BBC east small tiles ADC)
Entries 4043360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

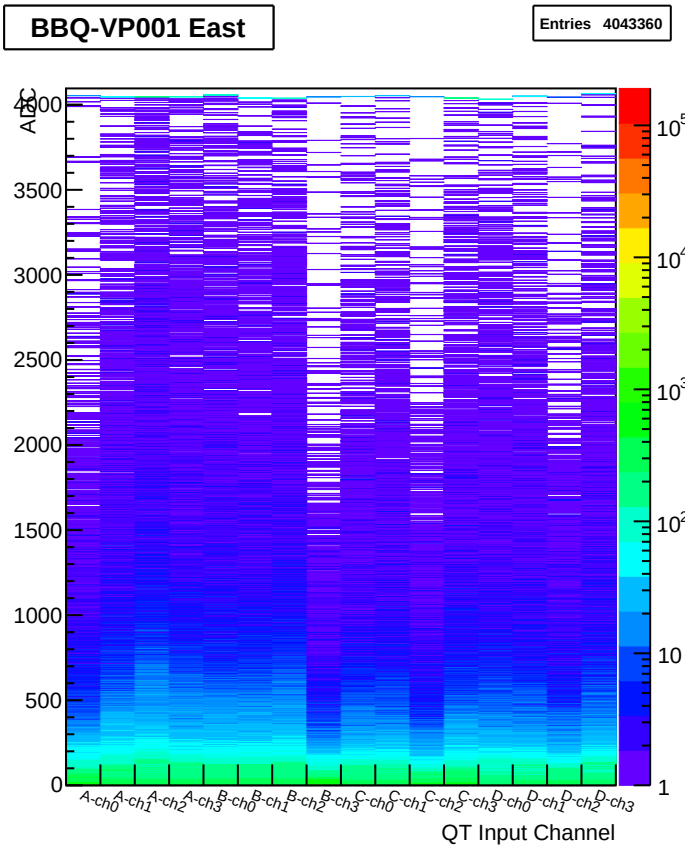

BBQ-BB001 (BBC east small tiles TAC)
Entries 4043360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

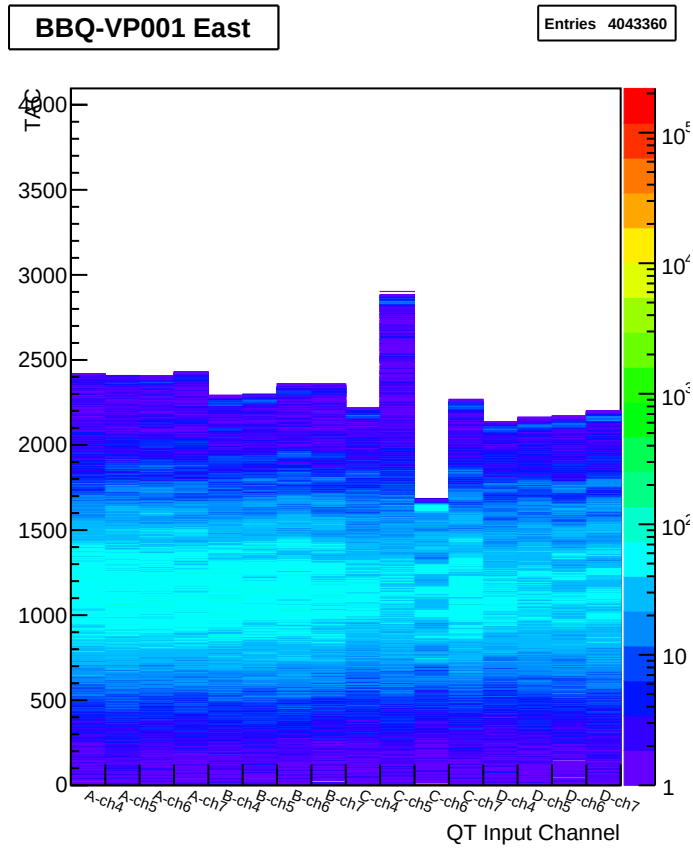

BBQ-BB002 (BBC west small tiles ADC)
Entries 4043360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

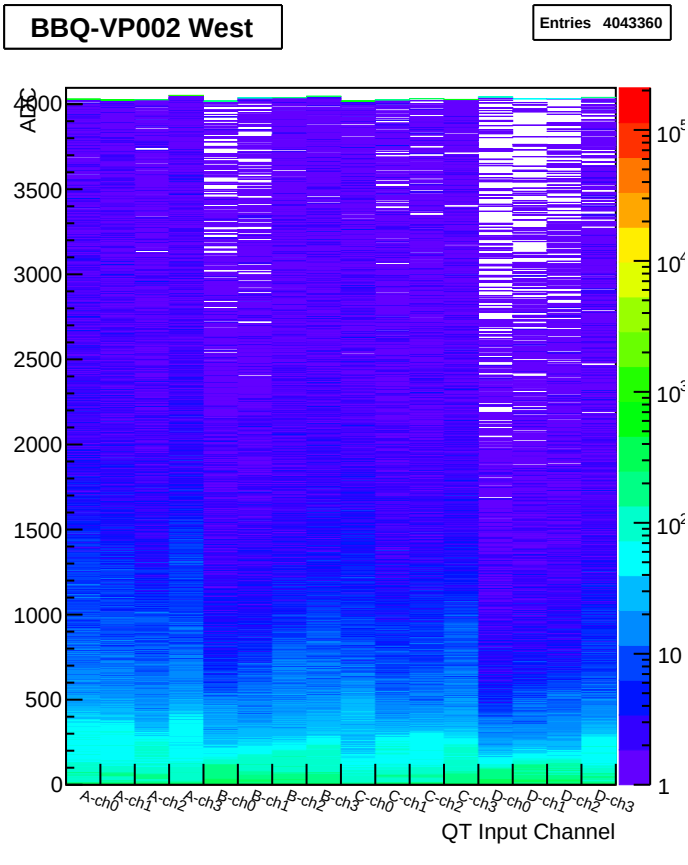

BBQ-BB002 (BBC west small tiles TAC)
Entries 4043360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

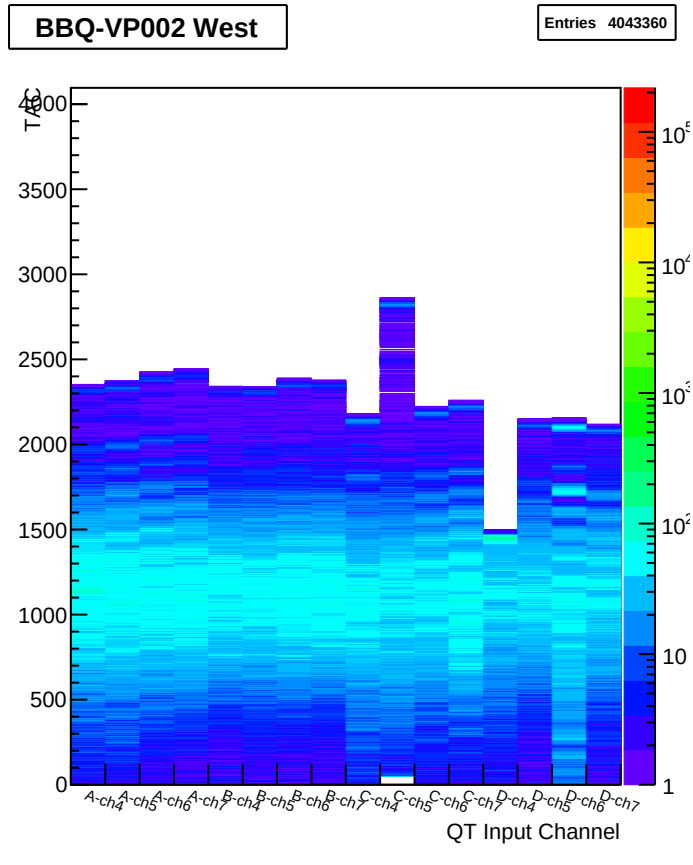

BBQ-ZD001 (ZDC TOWER)
Entries 4043360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

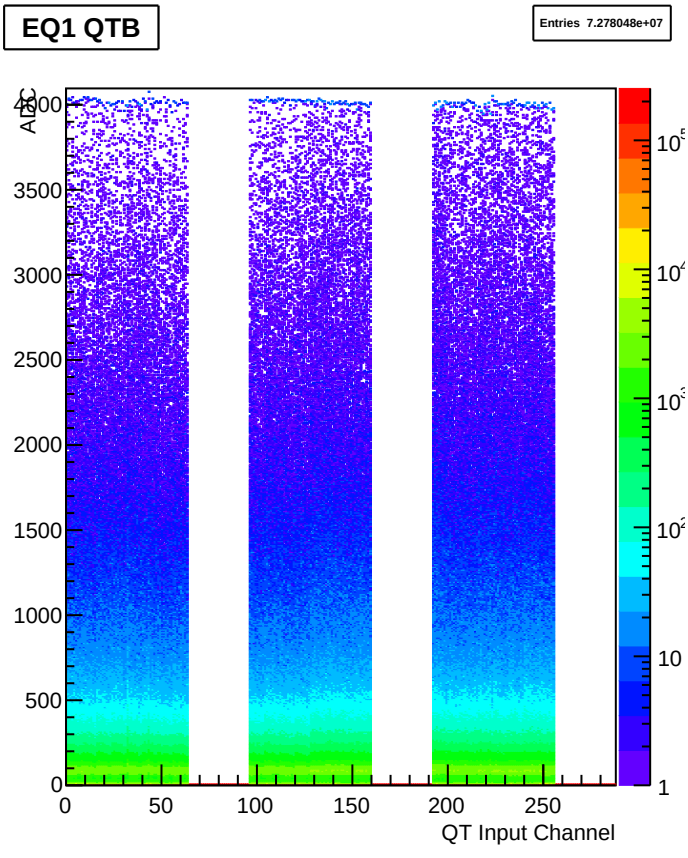

BBQ-ZD001 (ZDC TOWER)
Entries 4043360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

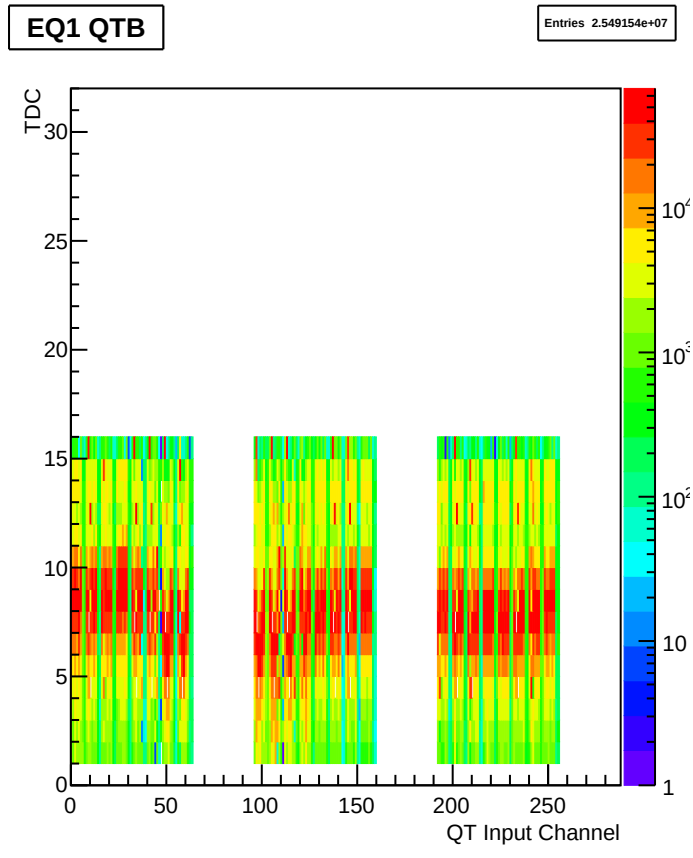

BBQ-VP001 East
Entries 4043360
ADC
QT Input Channel

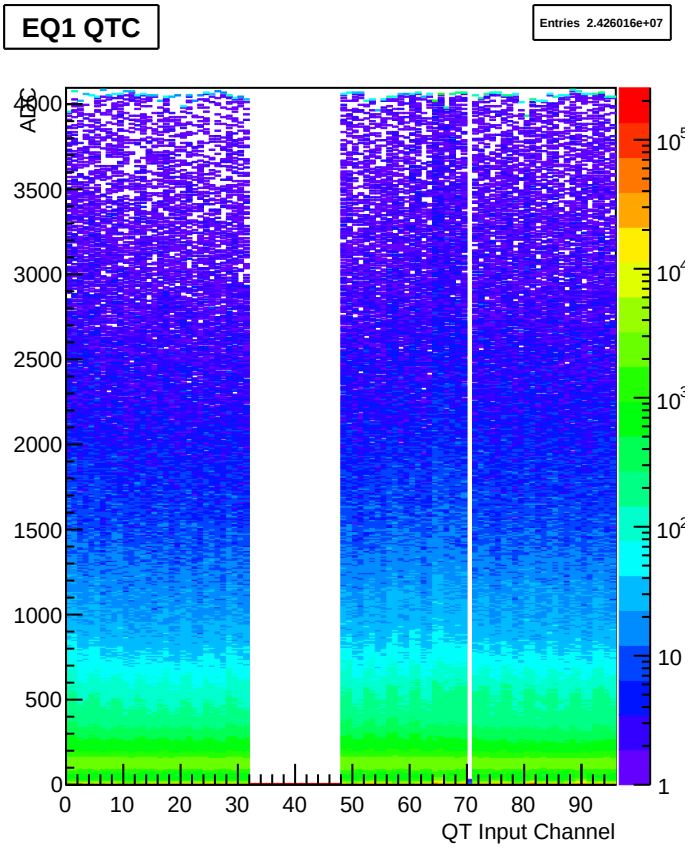

BBQ-VP001 East
Entries 4043360
TADC
QT Input Channel

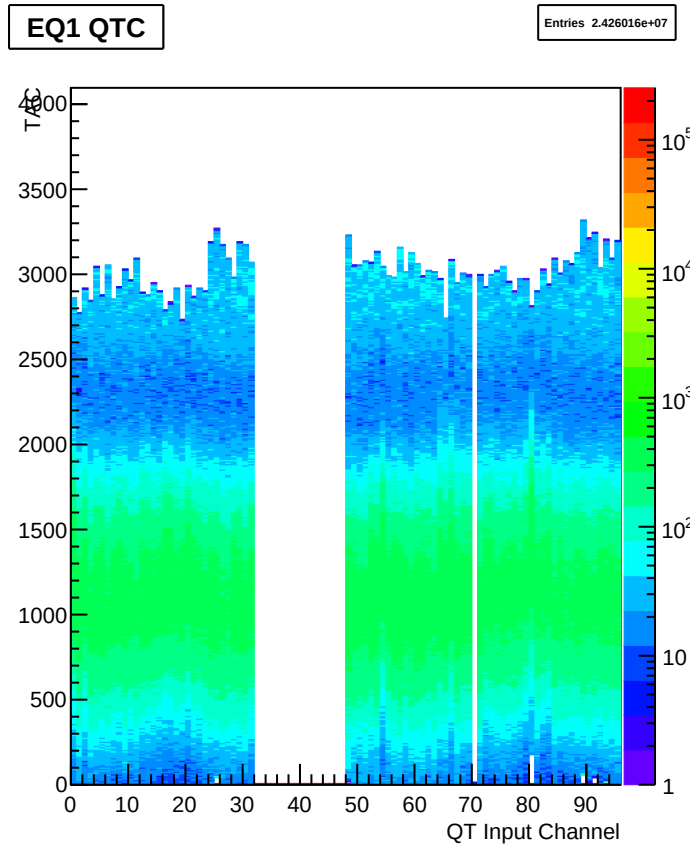

BBQ-VP002 West
Entries 4043360
ADC
QT Input Channel

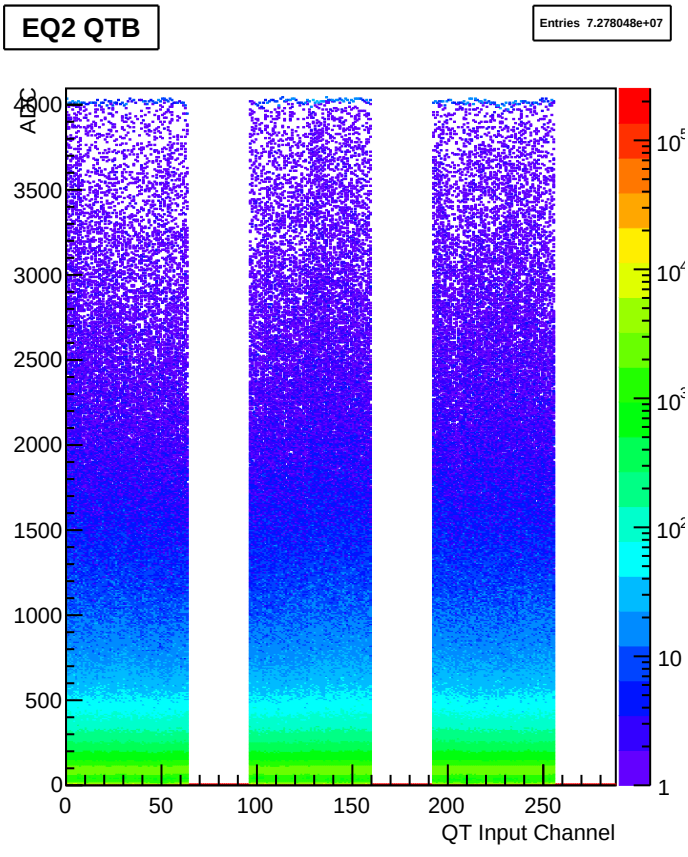

BBQ-VP002 West
Entries 4043360
TADC
QT Input Channel

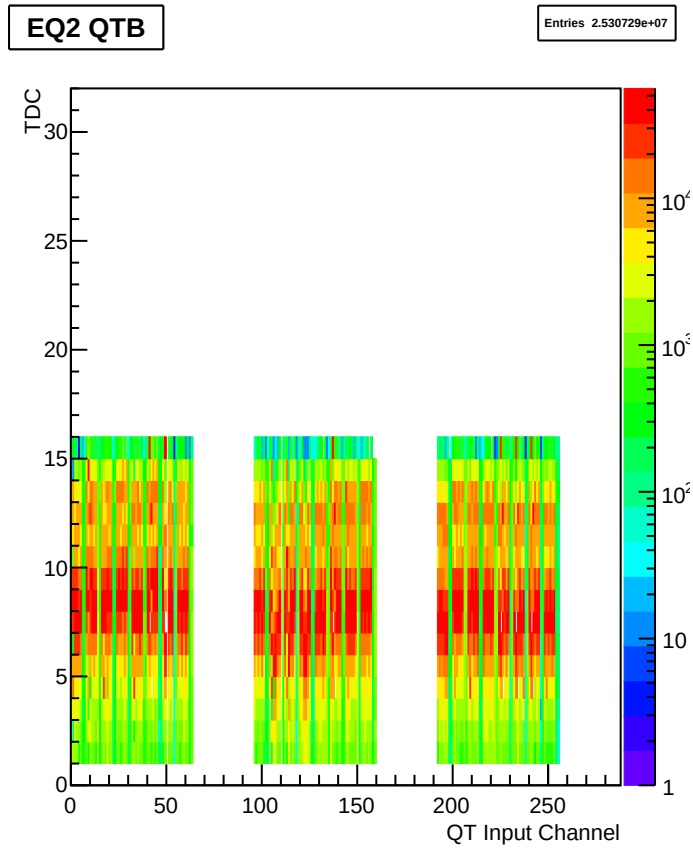

EQ1 QTB
Entries 7.278048e+07
ADC
QT Input Channel

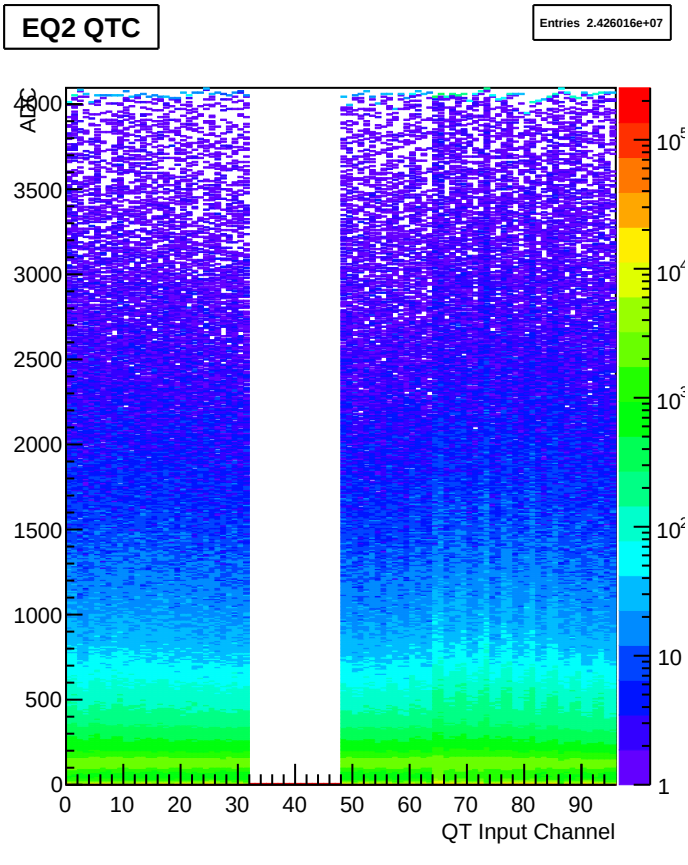

EQ1 QTB
Entries 2.549154e+07
TDC
QT Input Channel

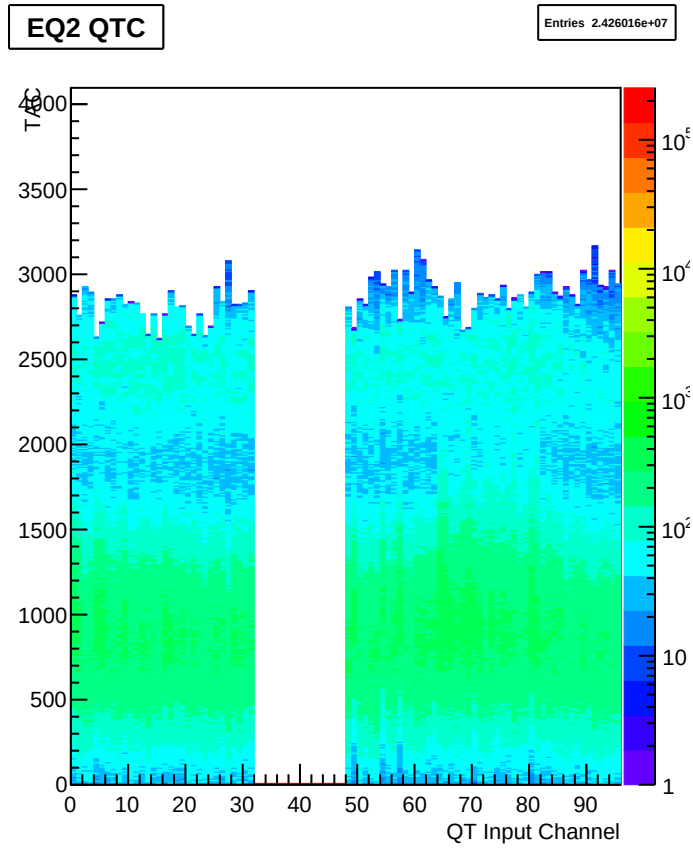

EQ1 QTC
Entries 2.426016e+07
ADC
QT Input Channel

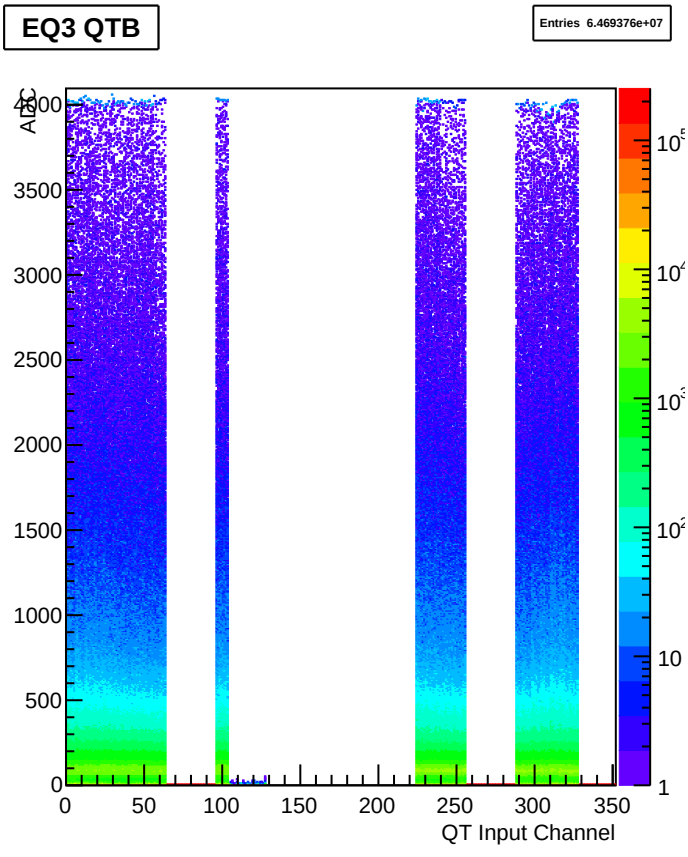

EQ1 QTC
Entries 2.426016e+07
TADC
QT Input Channel

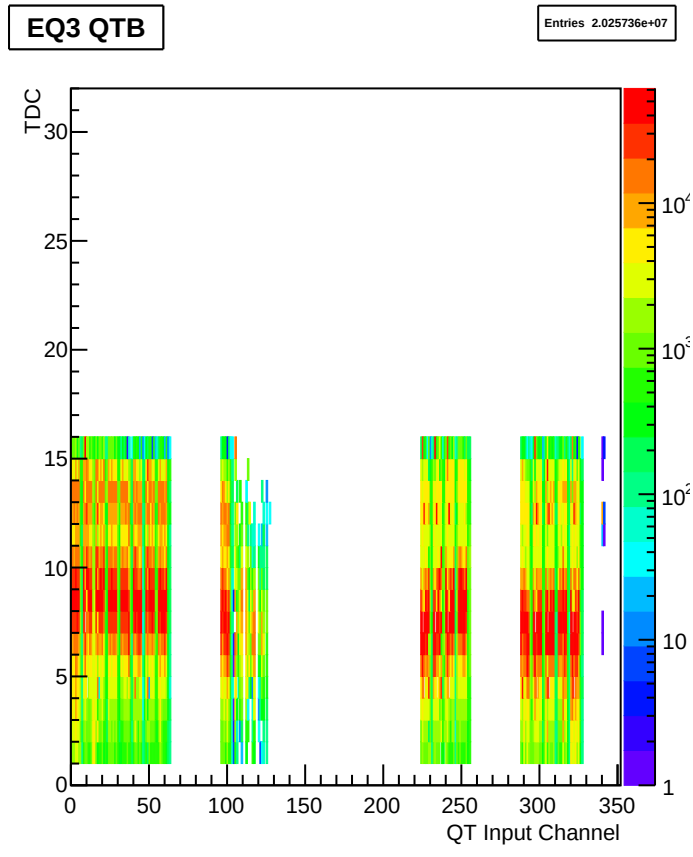

EQ2 QTB
Entries 7.278048e+07
ADC
QT Input Channel

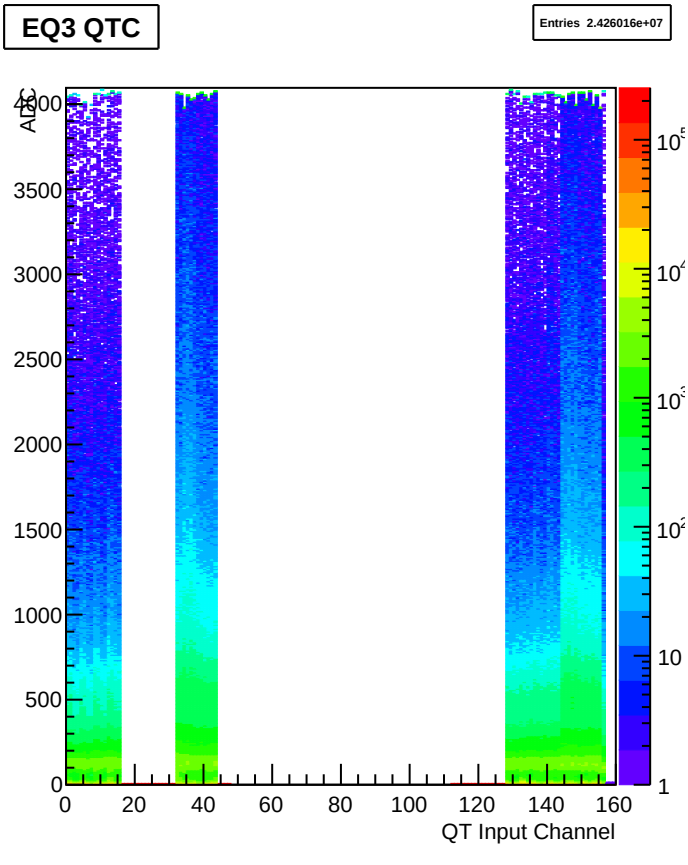

EQ2 QTB
Entries 2.530729e+07
TDC
QT Input Channel

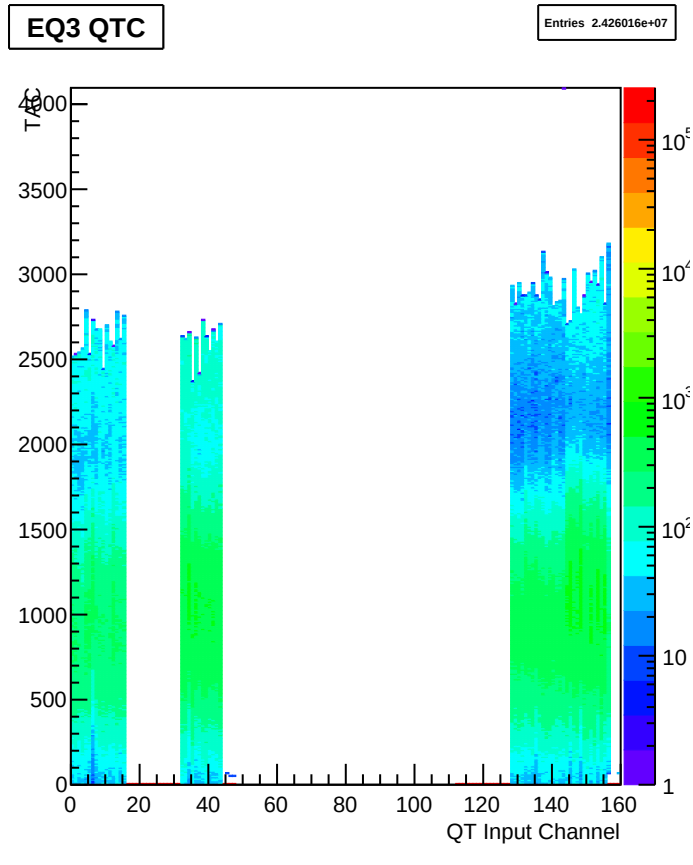

EQ2 QTC
Entries 2.426016e+07
ADC
QT Input Channel

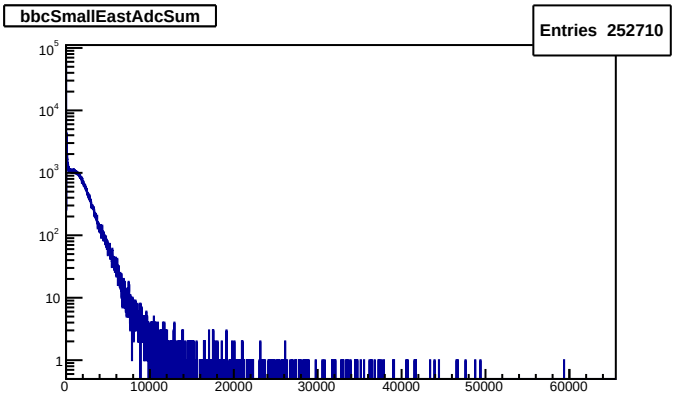

EQ2 QTC
Entries 2.426016e+07
TADC
QT Input Channel

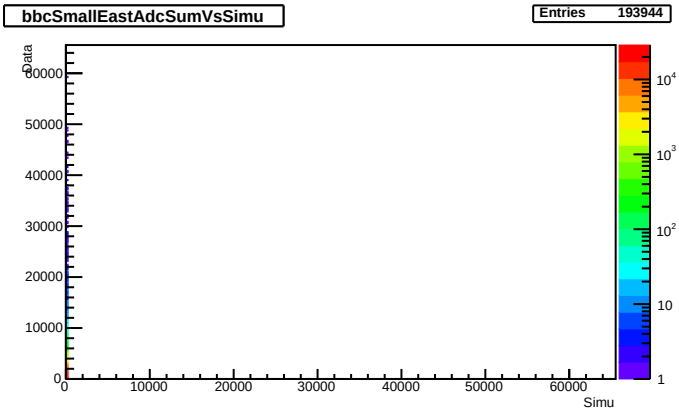

EQ3 QTB
Entries 6.469376e+07
ADC
QT Input Channel

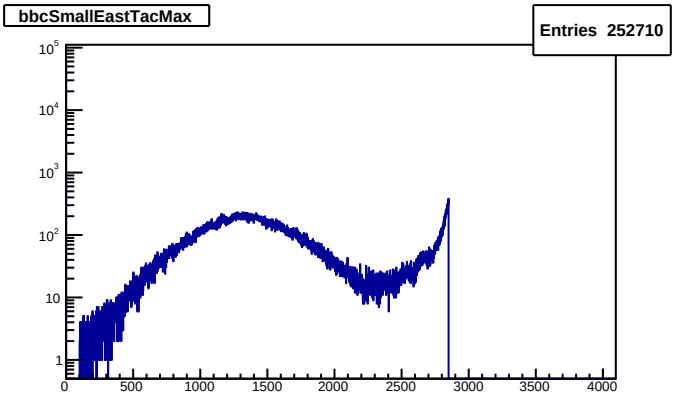

EQ3 QTB
Entries 2.025736e+07
TDC
QT Input Channel

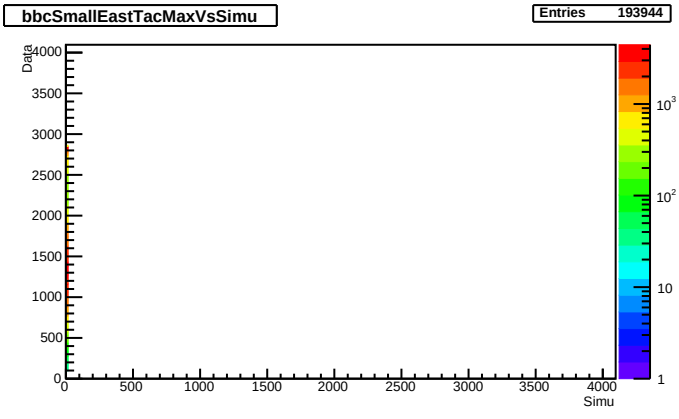

EQ3 QTC
Entries 2.426016e+07
ADC
QT Input Channel

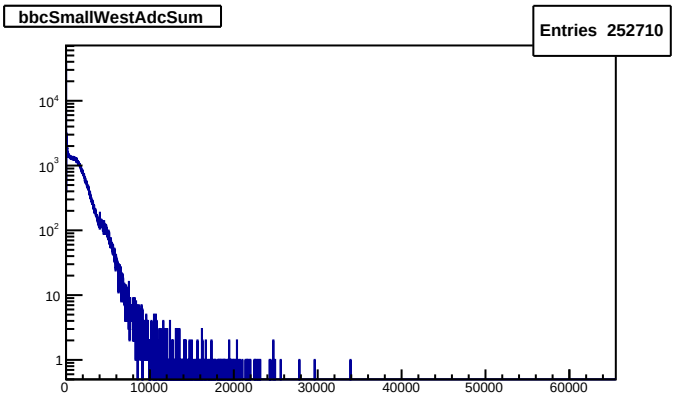

EQ3 QTC
Entries 2.426016e+07
TADC
QT Input Channel

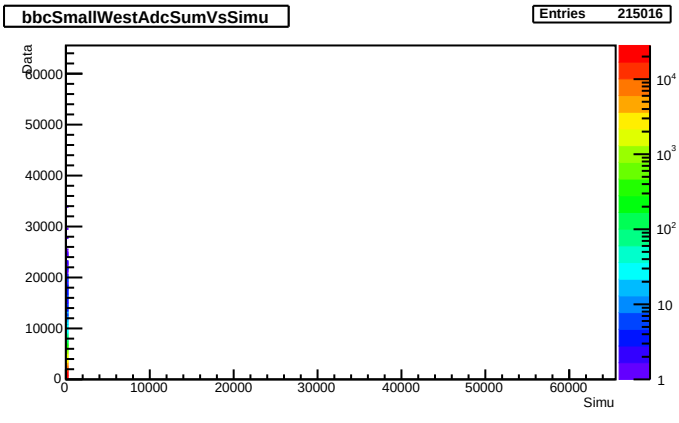

bbcSmallEastAdcSum
Entries 252710

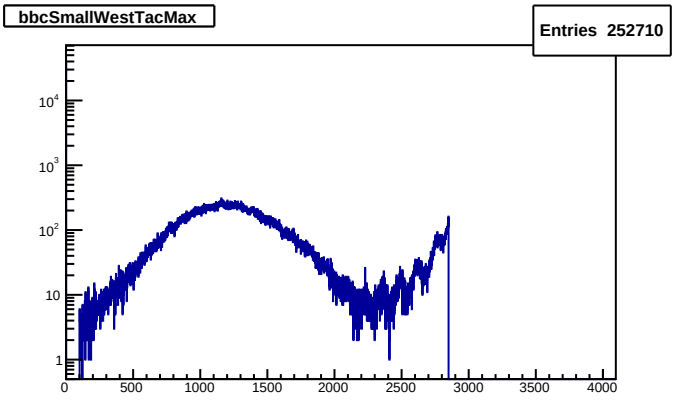

bbcSmallEastAdcSumVsSimu
Entries 193944
Data
Simu

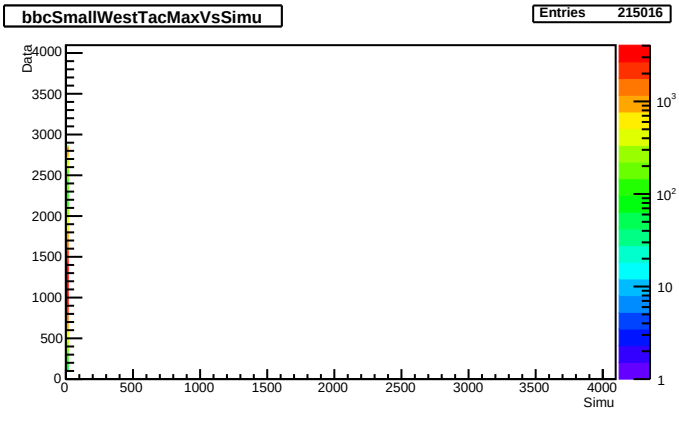

bbcSmallEastTacMax
Entries 252710

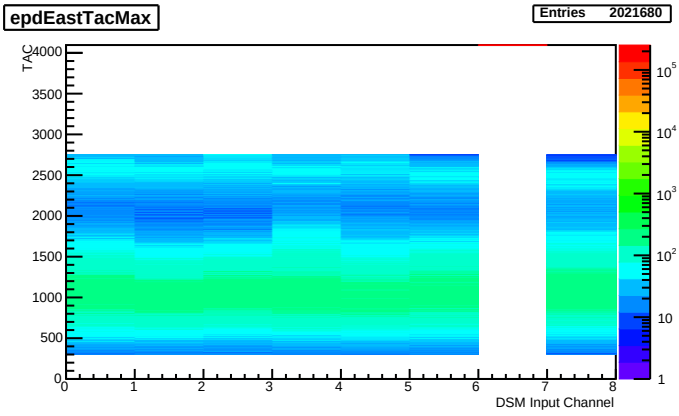

bbcSmallEastTacMaxVsSimu
Entries 193944
Data
Simu

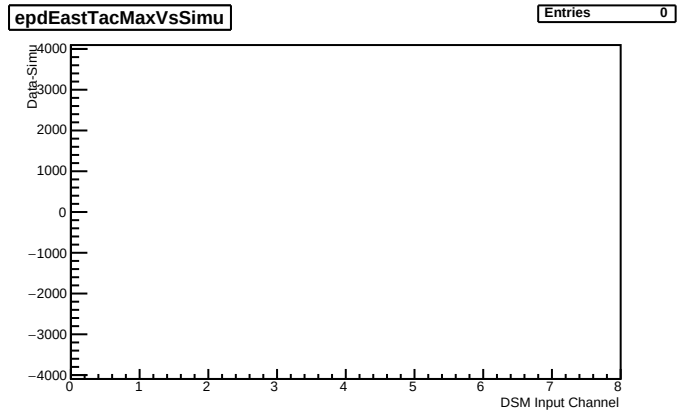

bbcSmallWestAdcSum
Entries 252710

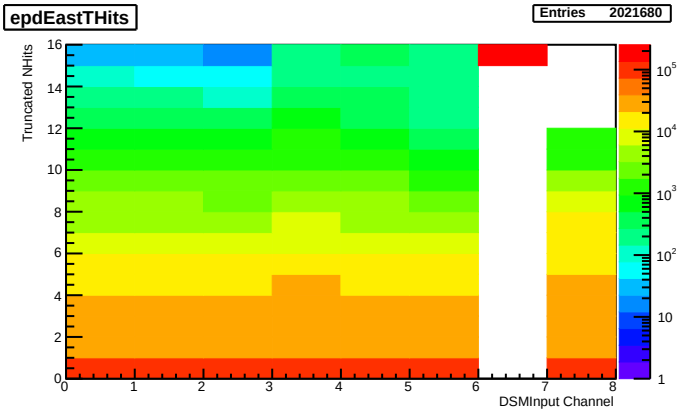

bbcSmallWestAdcSumVsSimu
Entries 215016
Data
Simu

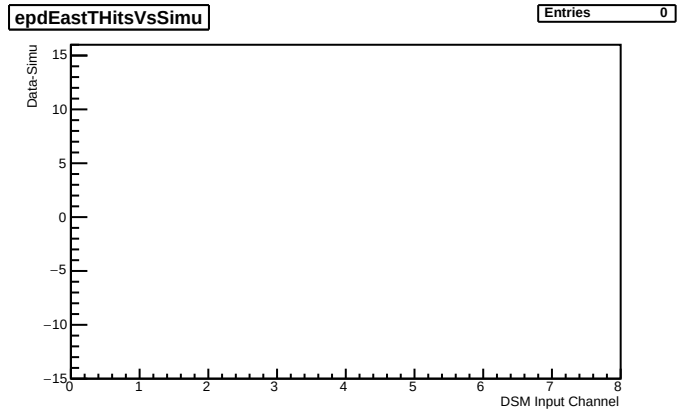

bbcSmallWestTacMax
Entries 252710

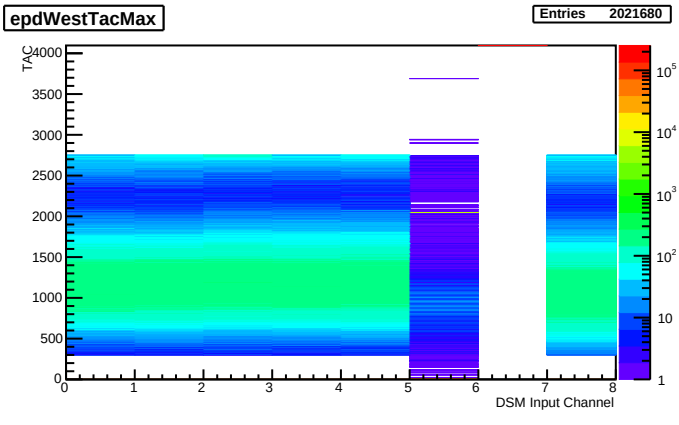

bbcSmallWestTacMaxVsSimu
Entries 215016
Data
Simu

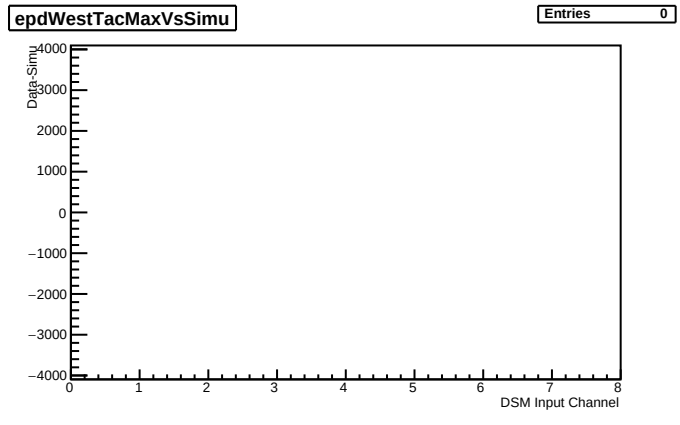

epdEastTacMax
Entries 2021680
TAC
DSM Input Channel

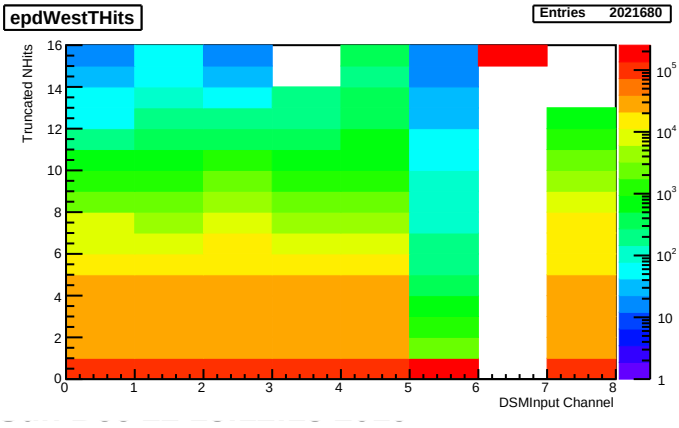

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

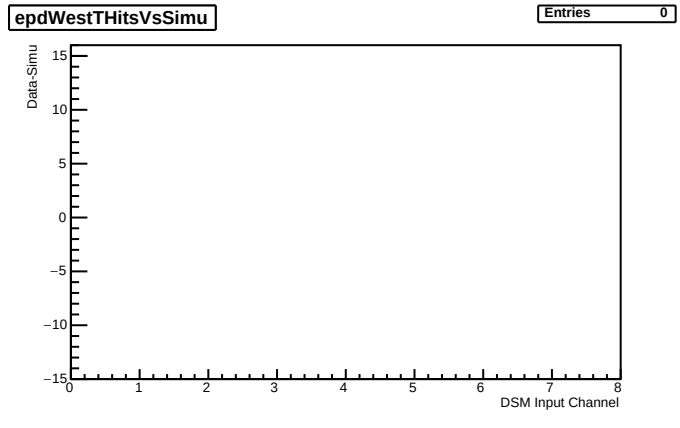

epdEastTHits
Entries 2021680
Truncated NHits
DSMInput Channel

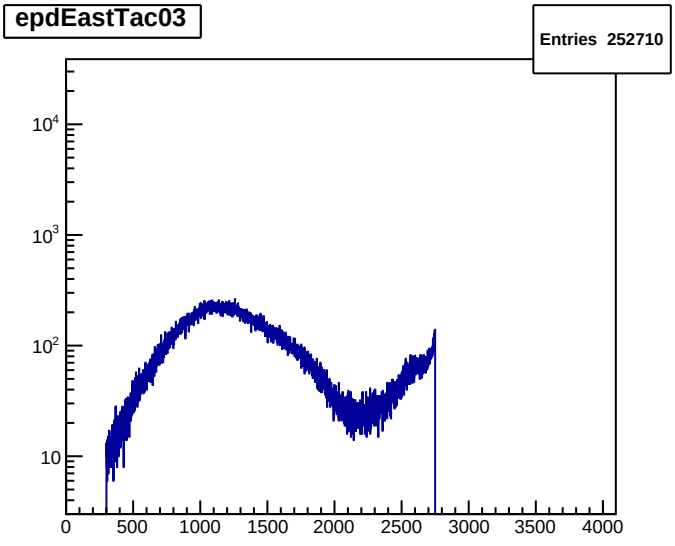

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

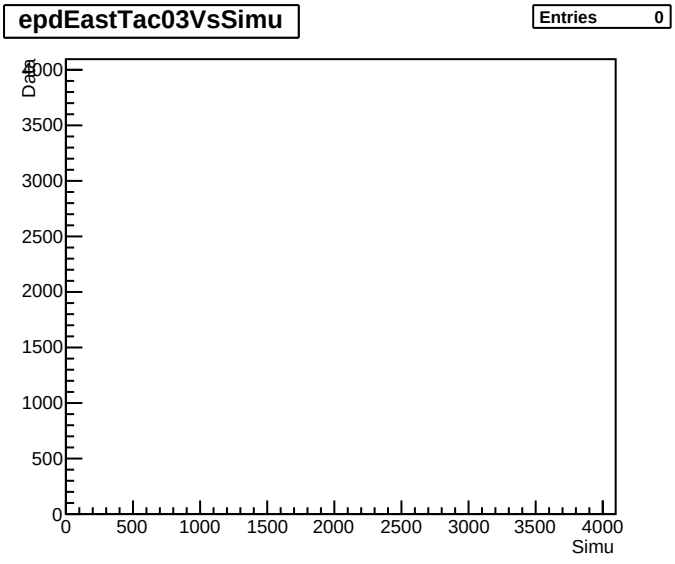

epdWestTacMax
Entries 2021680
TAC
DSM Input Channel

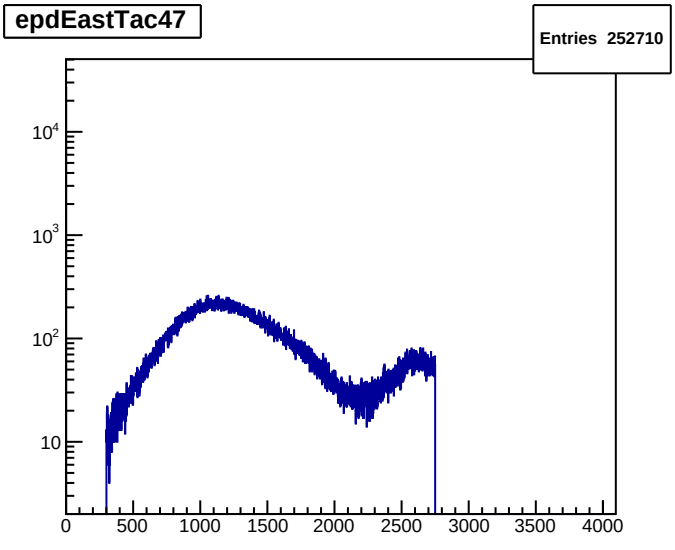

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

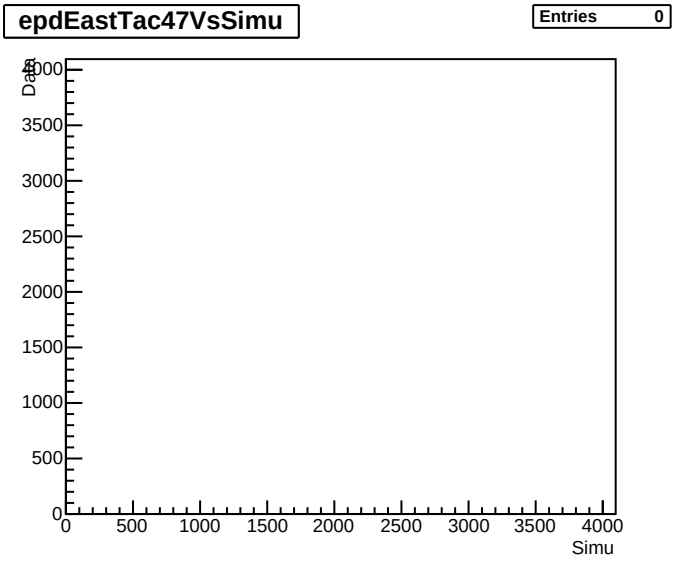

epdWestTHits
Entries 2021680
Truncated NHits
DSMInput Channel

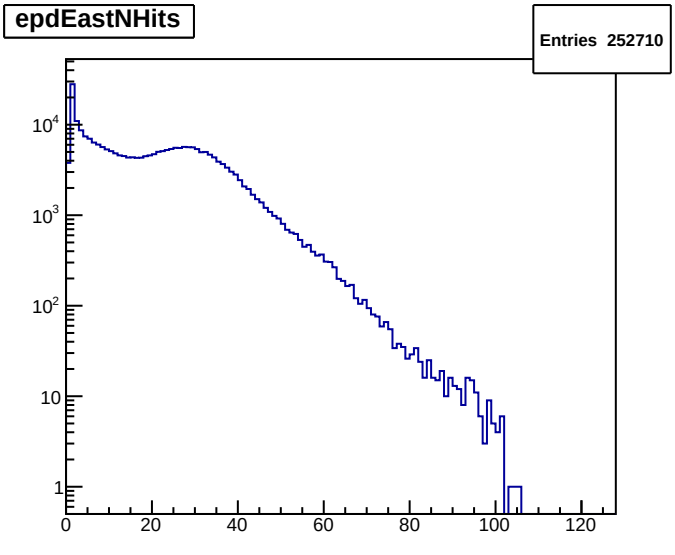

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

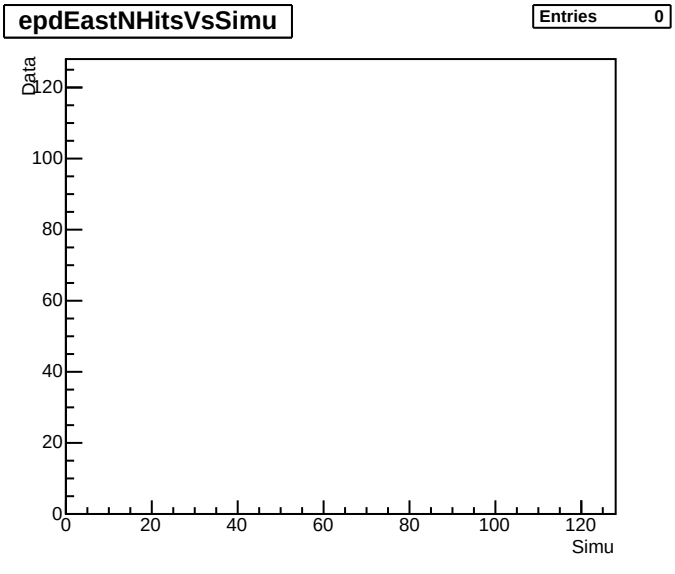

epdEastTac03
Entries 252710

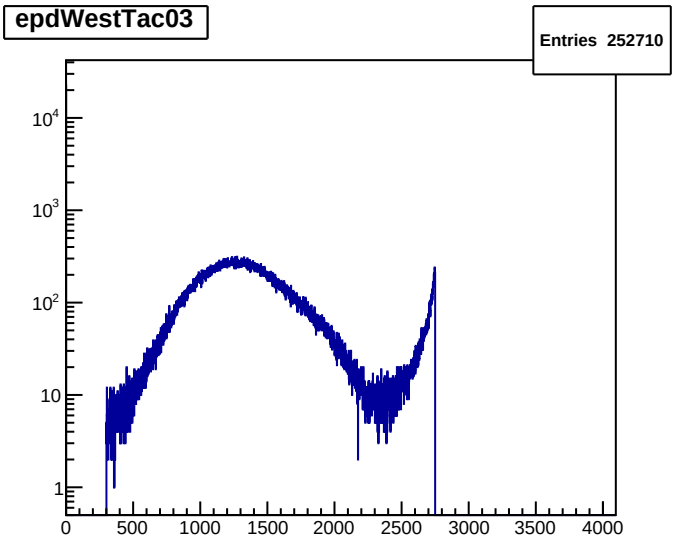

epdEastTac03VsSimu
Entries 0
Data
Simu

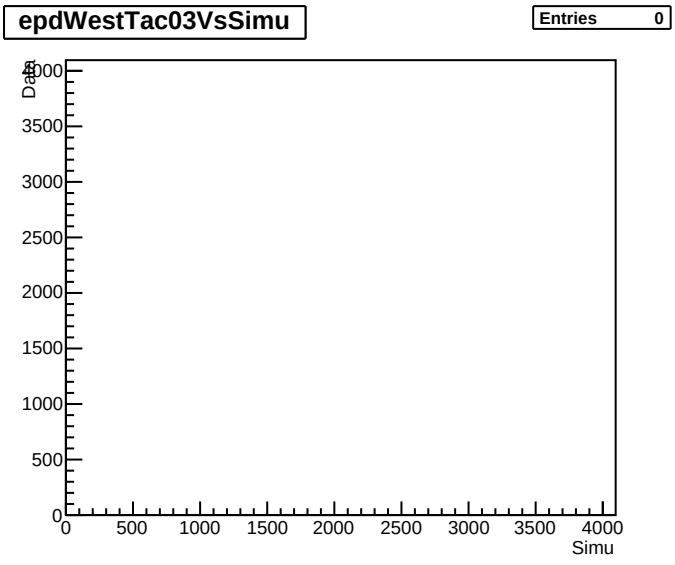

epdEastTac47
Entries 252710

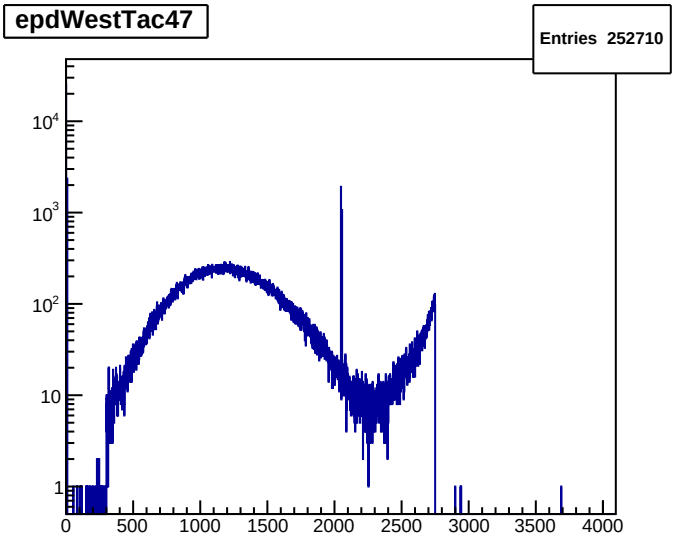

epdEastTac47VsSimu
Entries 0
Data
Simu

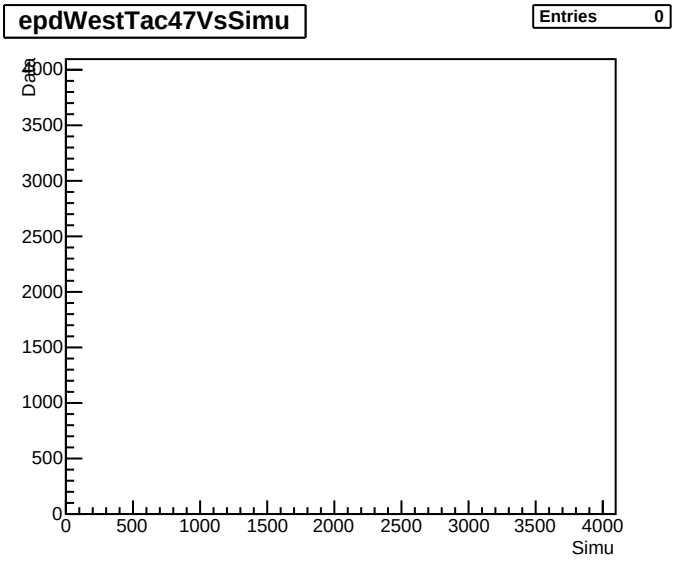

epdEastNHits
Entries 252710

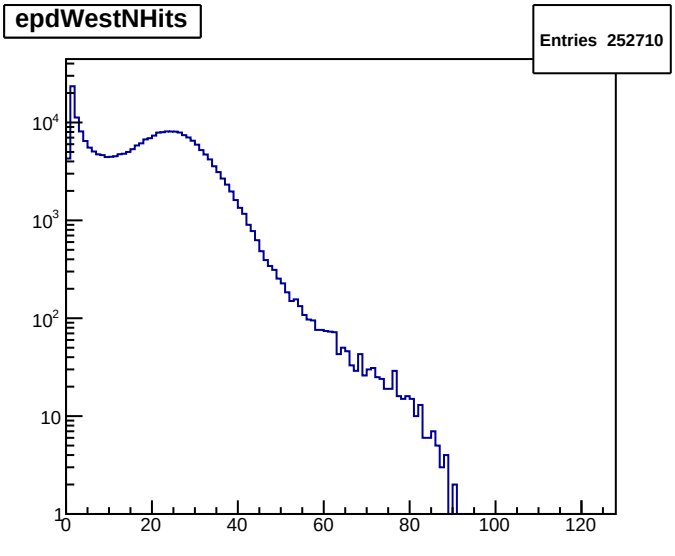

epdEastNHitsVsSimu
Entries 0
Data
Simu

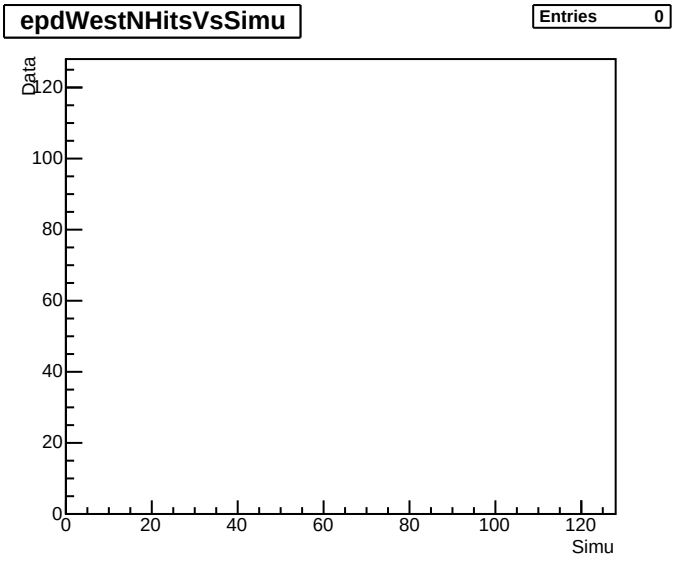

epdWestTac03
Entries 252710

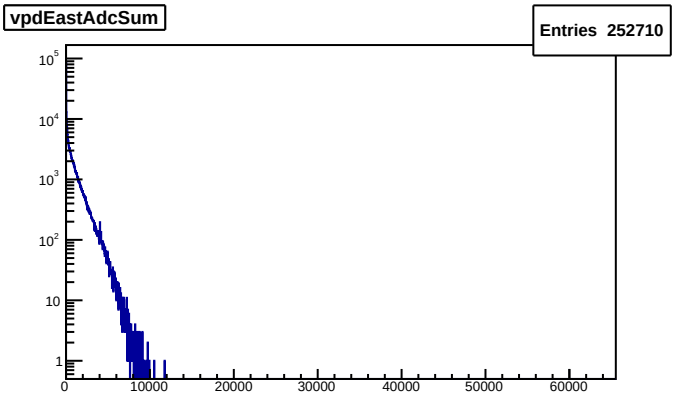

epdWestTac03VsSimu
Entries 0
Data
Simu

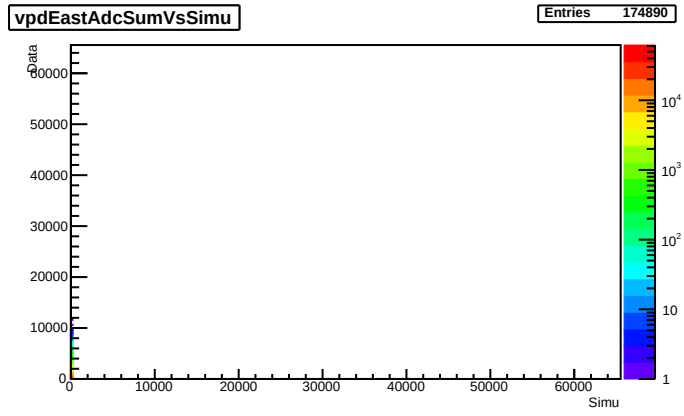

epdWestTac47
Entries 252710

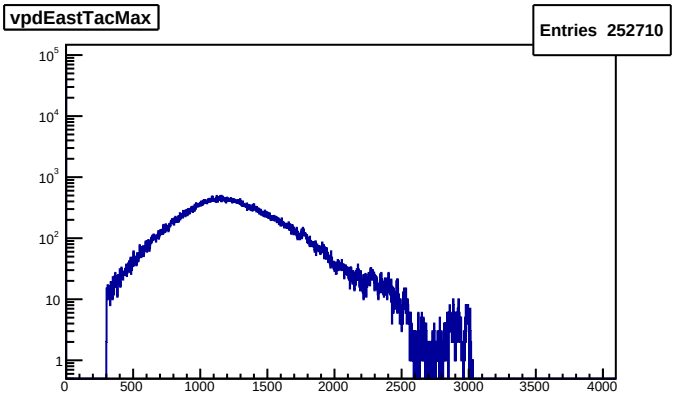

epdWestTac47VsSimu
Entries 0
Data
Simu

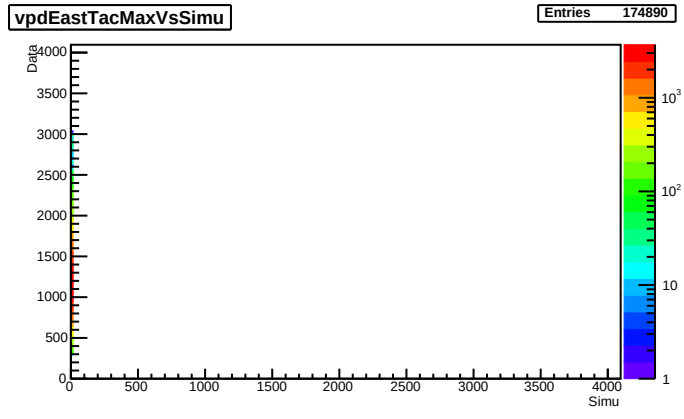

epdWestNHits
Entries 252710

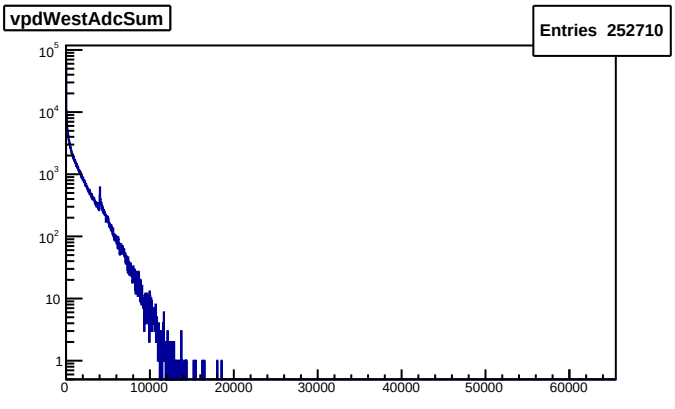

epdWestNHitsVsSimu
Entries 0
Data
Simu

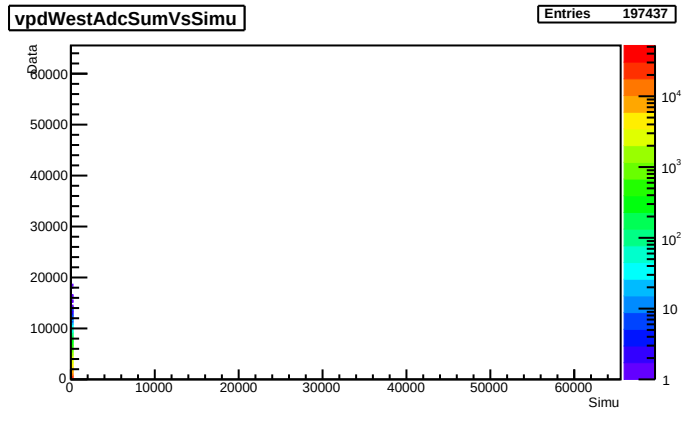

vpdEastAdcSum
Entries 252710

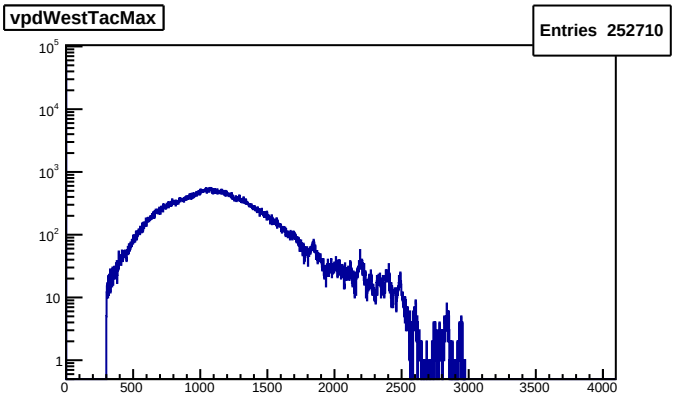

vpdEastAdcSumVsSimu
Entries 174890
Data
Simu

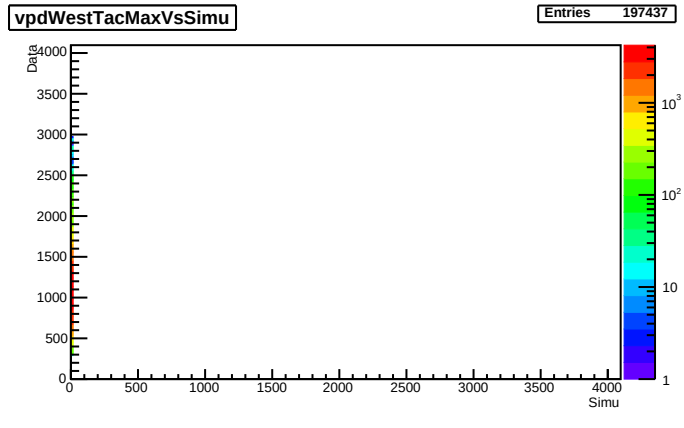

vpdEastTacMax
Entries 252710

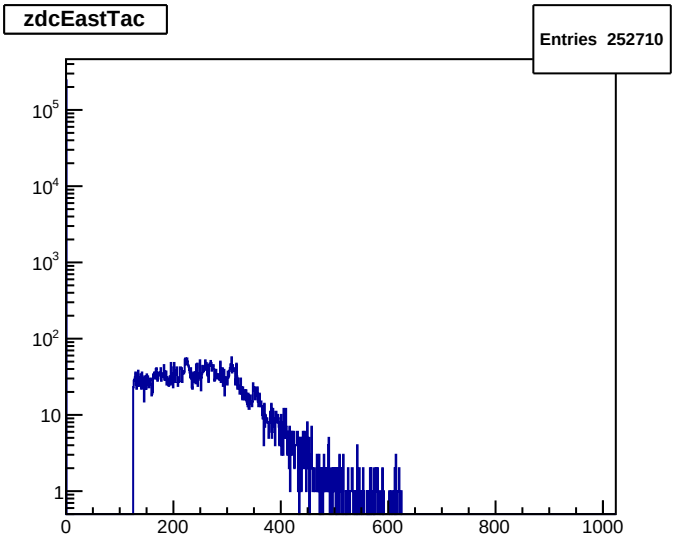

vpdEastTacMaxVsSimu
Entries 174890
Data
Simu

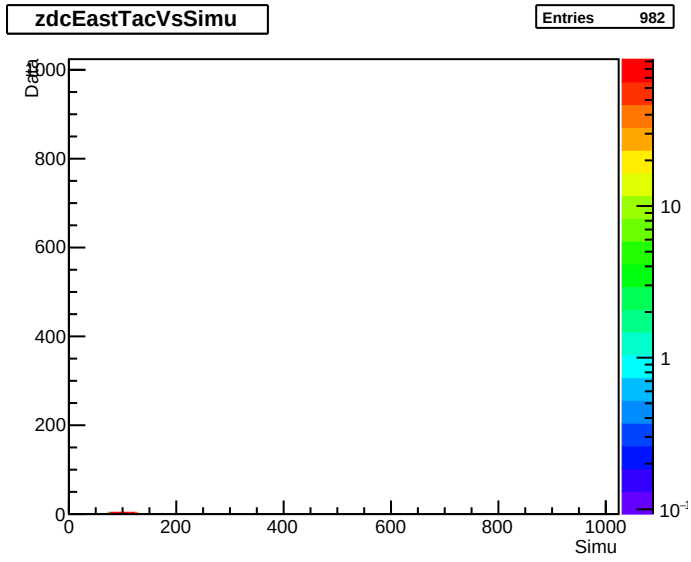

vpdWestAdcSum
Entries 252710

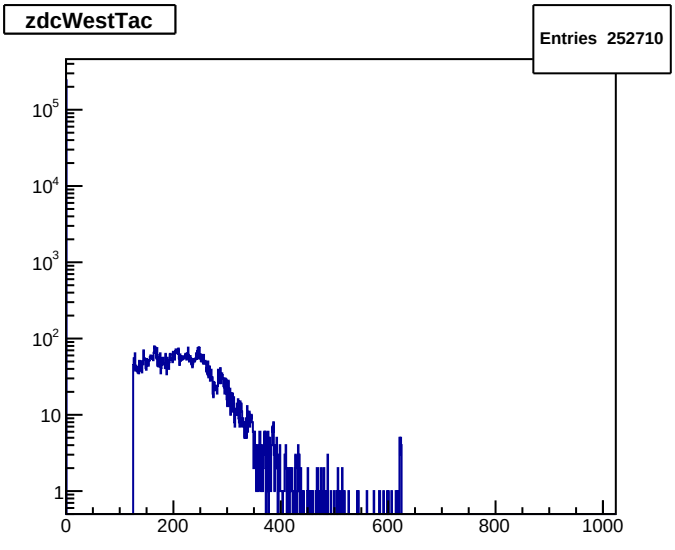

vpdWestAdcSumVsSimu
Entries 197437
Data
Simu

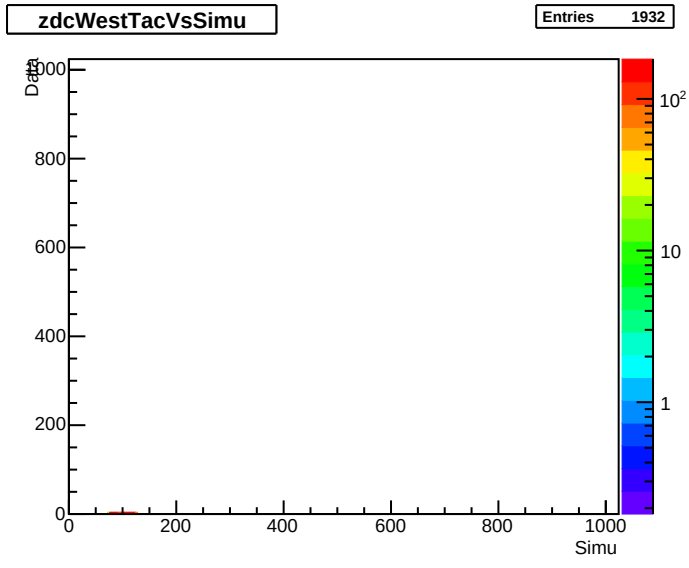

vpdWestTacMax
Entries 252710

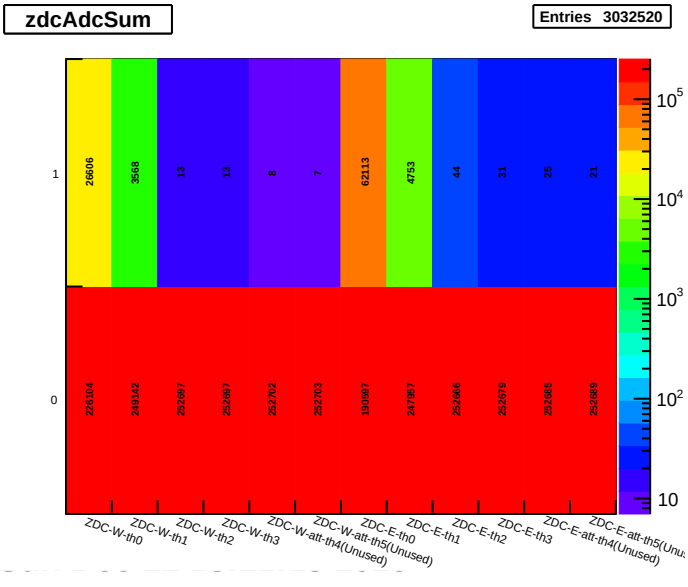

vpdWestTacMaxVsSimu
Entries 197437
Data
Simu

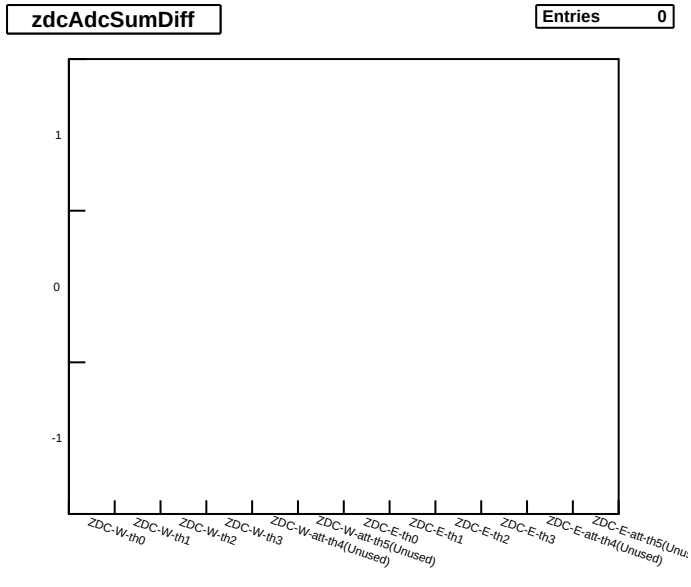

zdcEastTac
Entries 252710

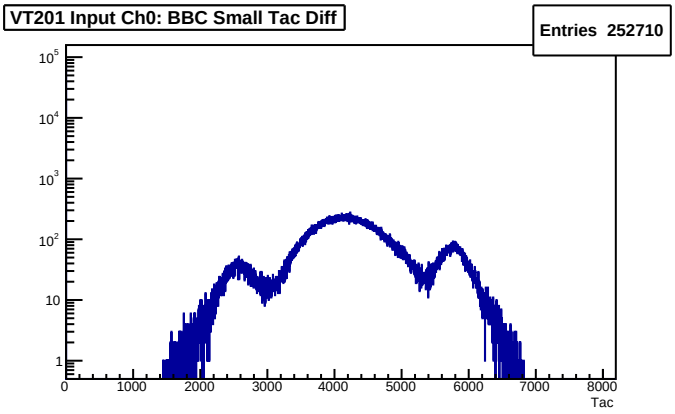

zdcEastTacVsSimu
Entries 982
Data
Simu

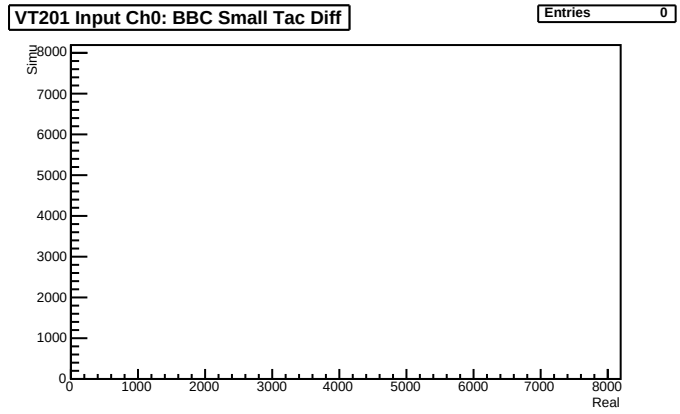

zdcWestTac
Entries 252710

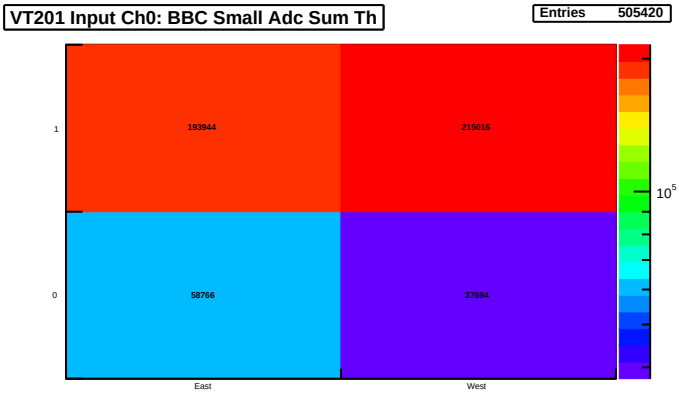

zdcWestTacVsSimu
Entries 1932
Data
Simu

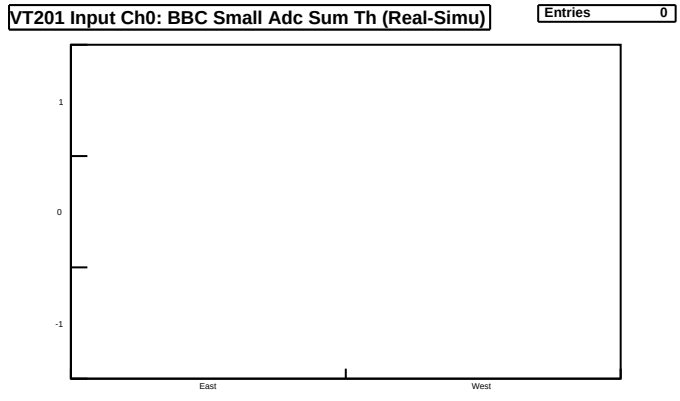

zdcAdcSum
Entries 3032520
26606
3568
13
13
8
7
62113
4753
44
31
25
21
226104
249142
252697
252697
252702
252703
190597
247957
252666
252679
252685
252689
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

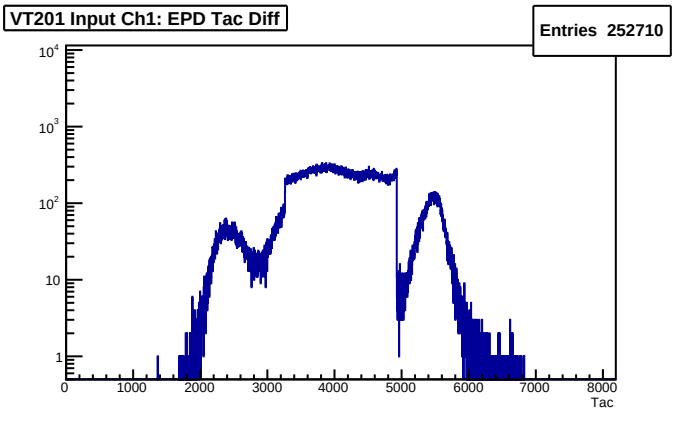

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

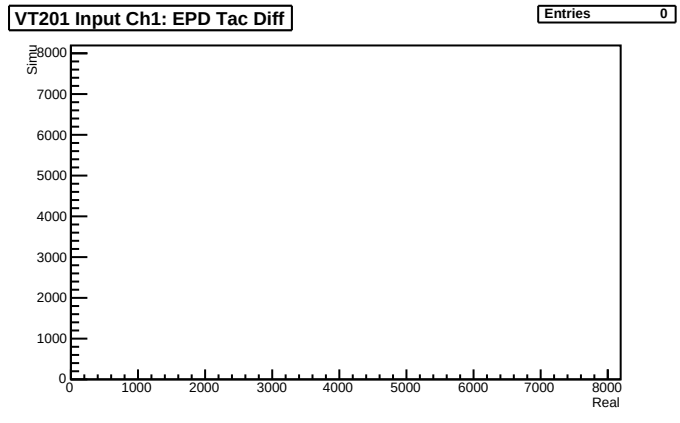

VT201 Input Ch0: BBC Small Tac Diff
Entries 252710
Tac

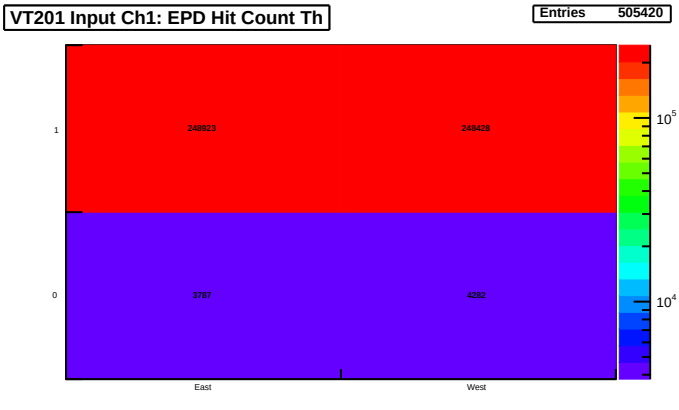

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

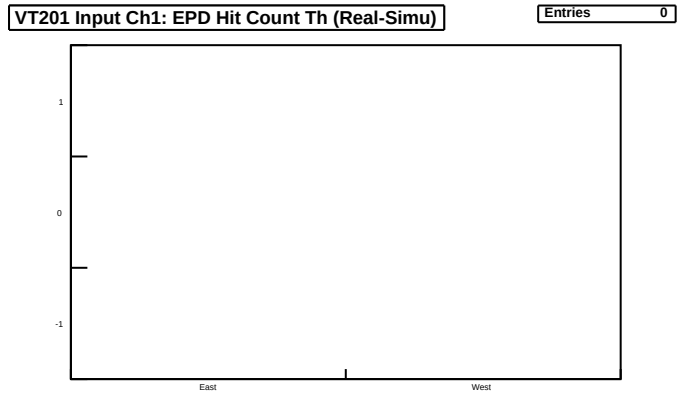

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 505420
193944
215016
58766
37694
East
West

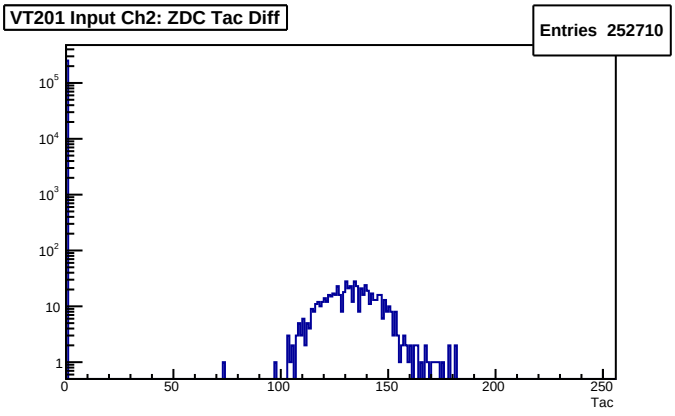

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

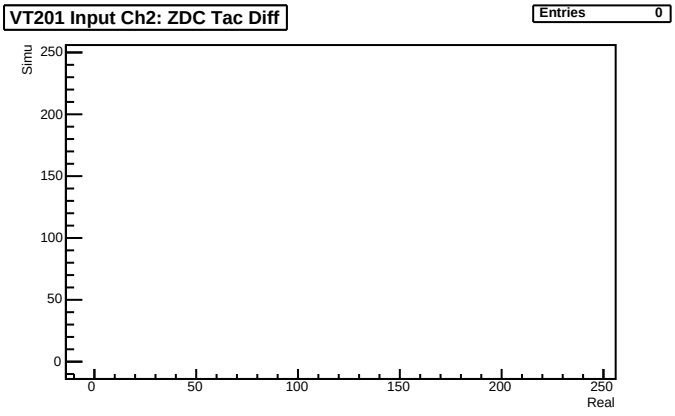

VT201 Input Ch1: EPD Tac Diff
Entries 252710
Tac

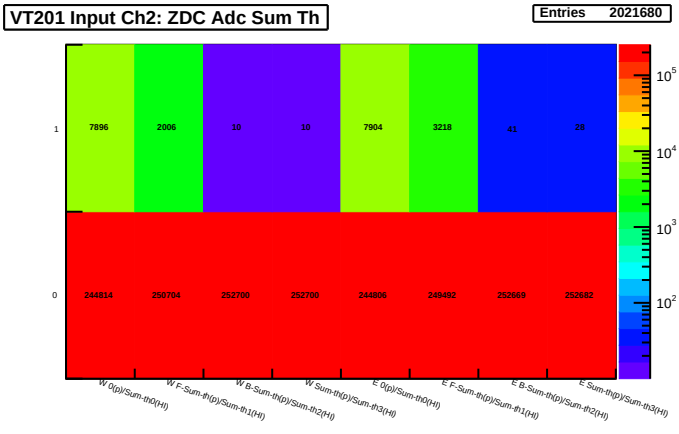

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

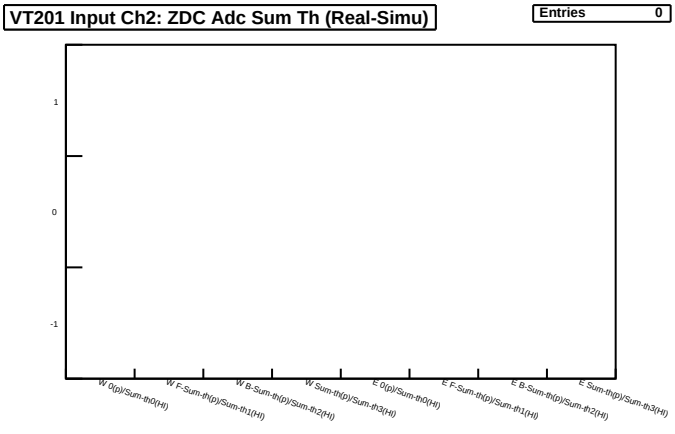

VT201 Input Ch1: EPD Hit Count Th
Entries 505420
248923
248428
3787
4282
East
West

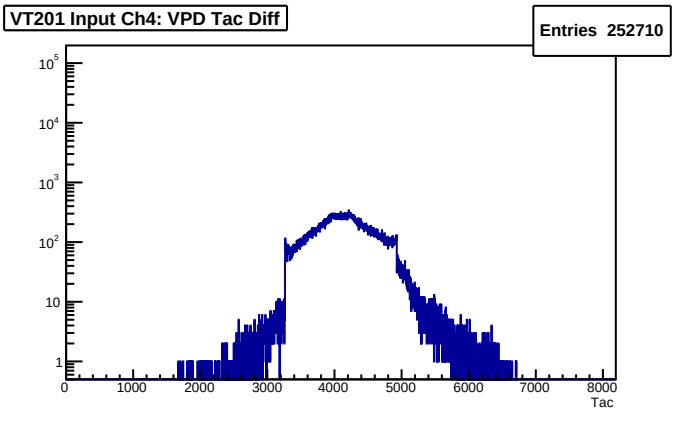

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

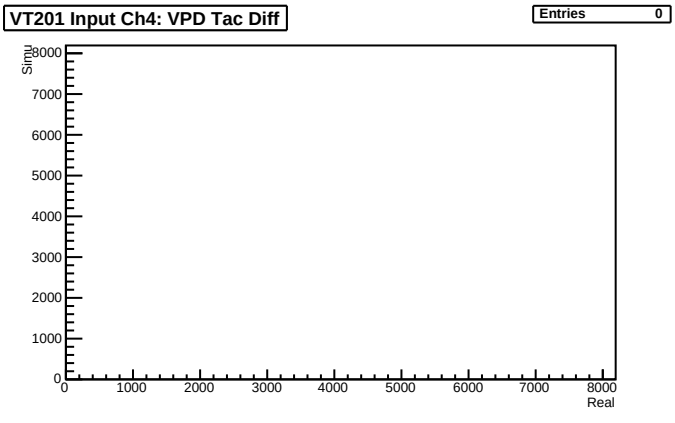

VT201 Input Ch2: ZDC Tac Diff
Entries 252710
Tac

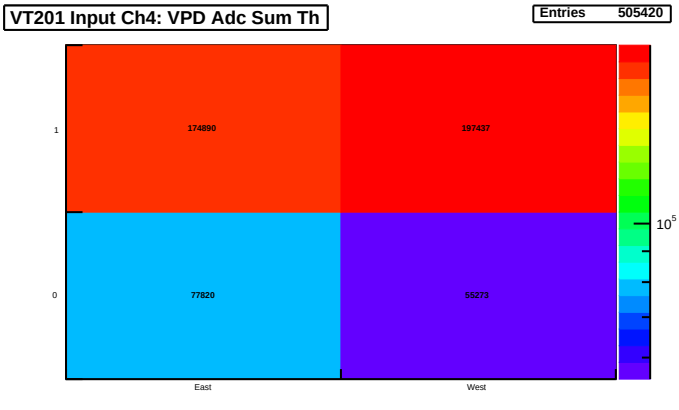

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

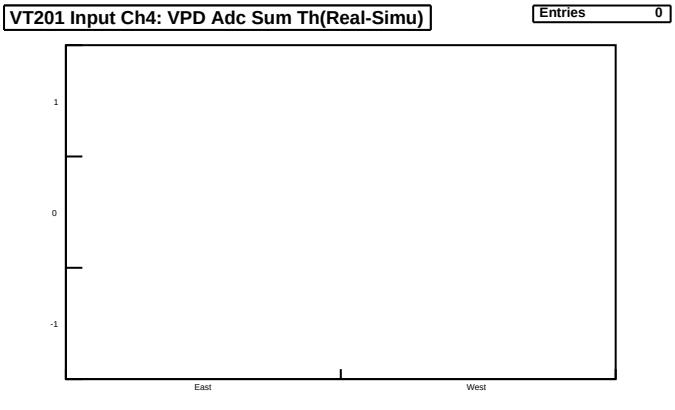

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2021680
7896
2006
10
10
7904
3218
41
28
244814
250704
252700
252700
244806
249492
252669
252682
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

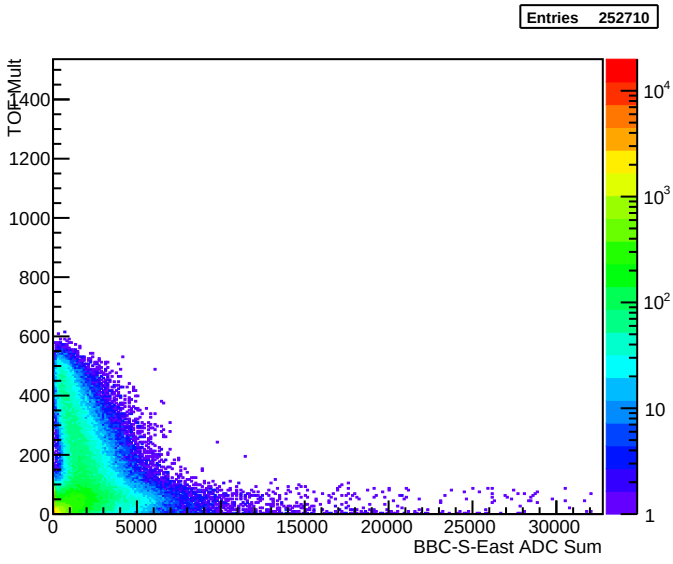

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

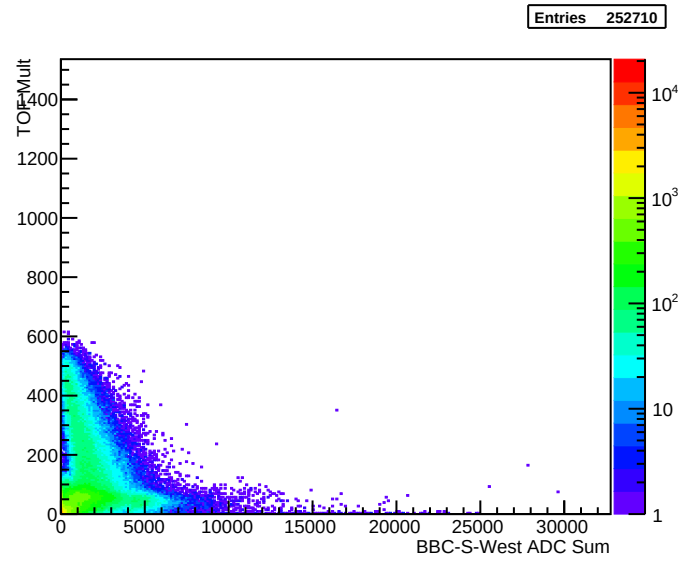

VT201 Input Ch4: VPD Tac Diff
Entries 252710
Tac

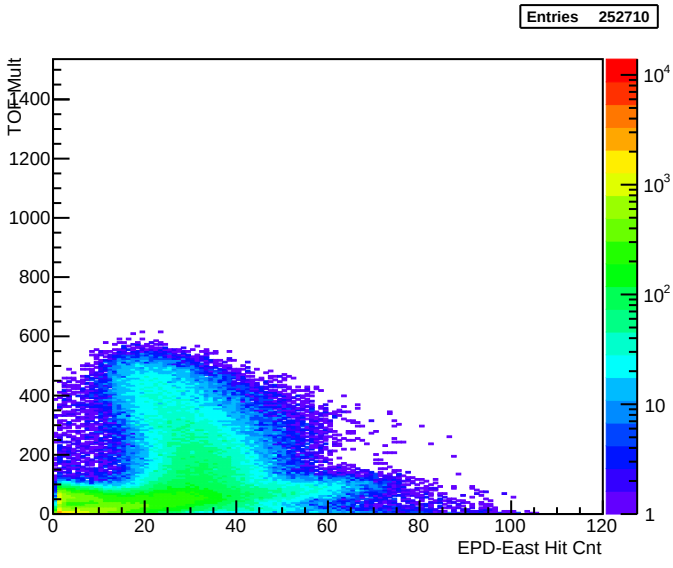

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

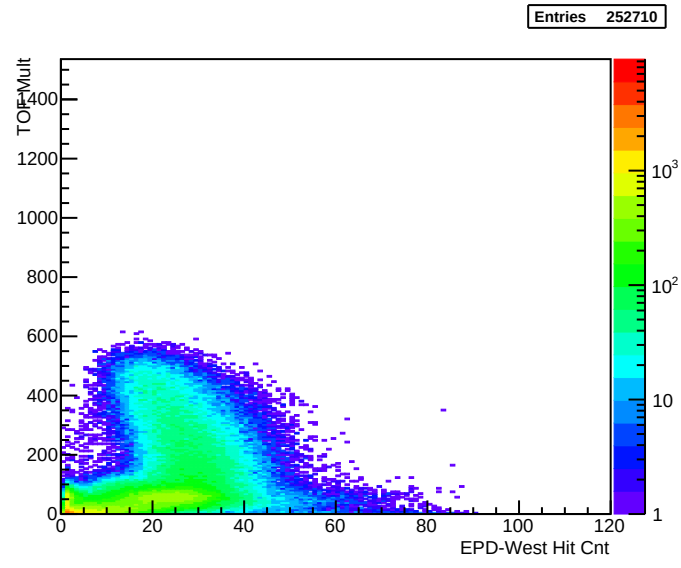

VT201 Input Ch4: VPD Adc Sum Th
Entries 505420
174890
197437
77820
55273
East
West

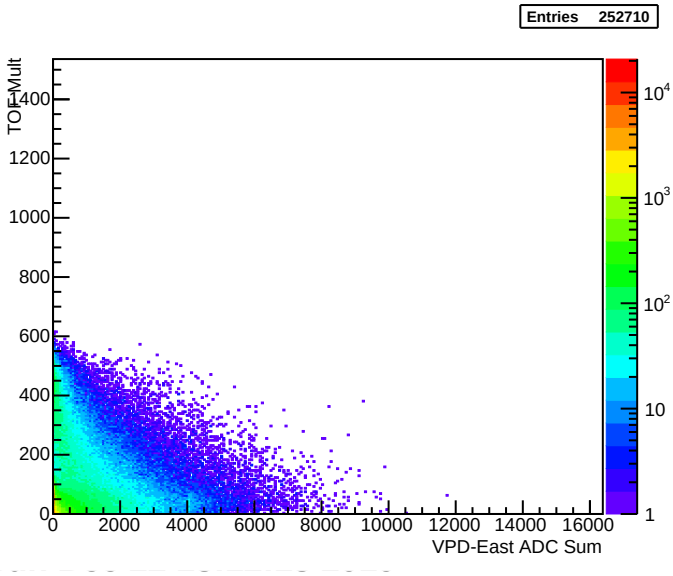

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

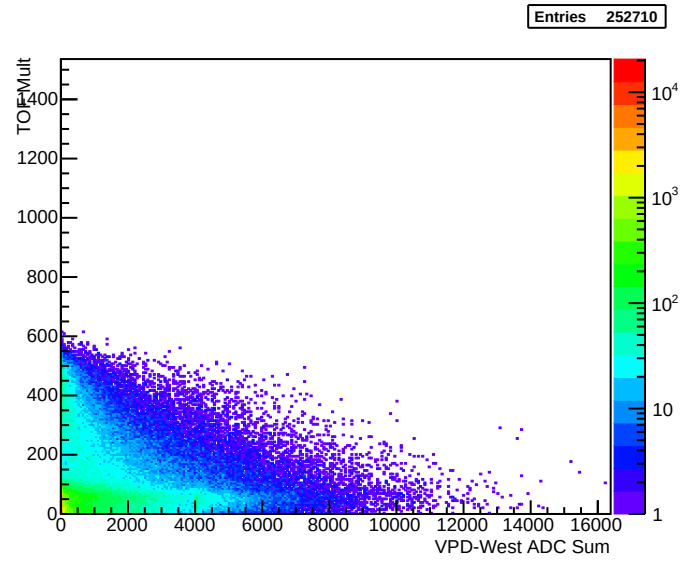

Entries 252710
TOF-Mult
BBC-S-East ADC Sum

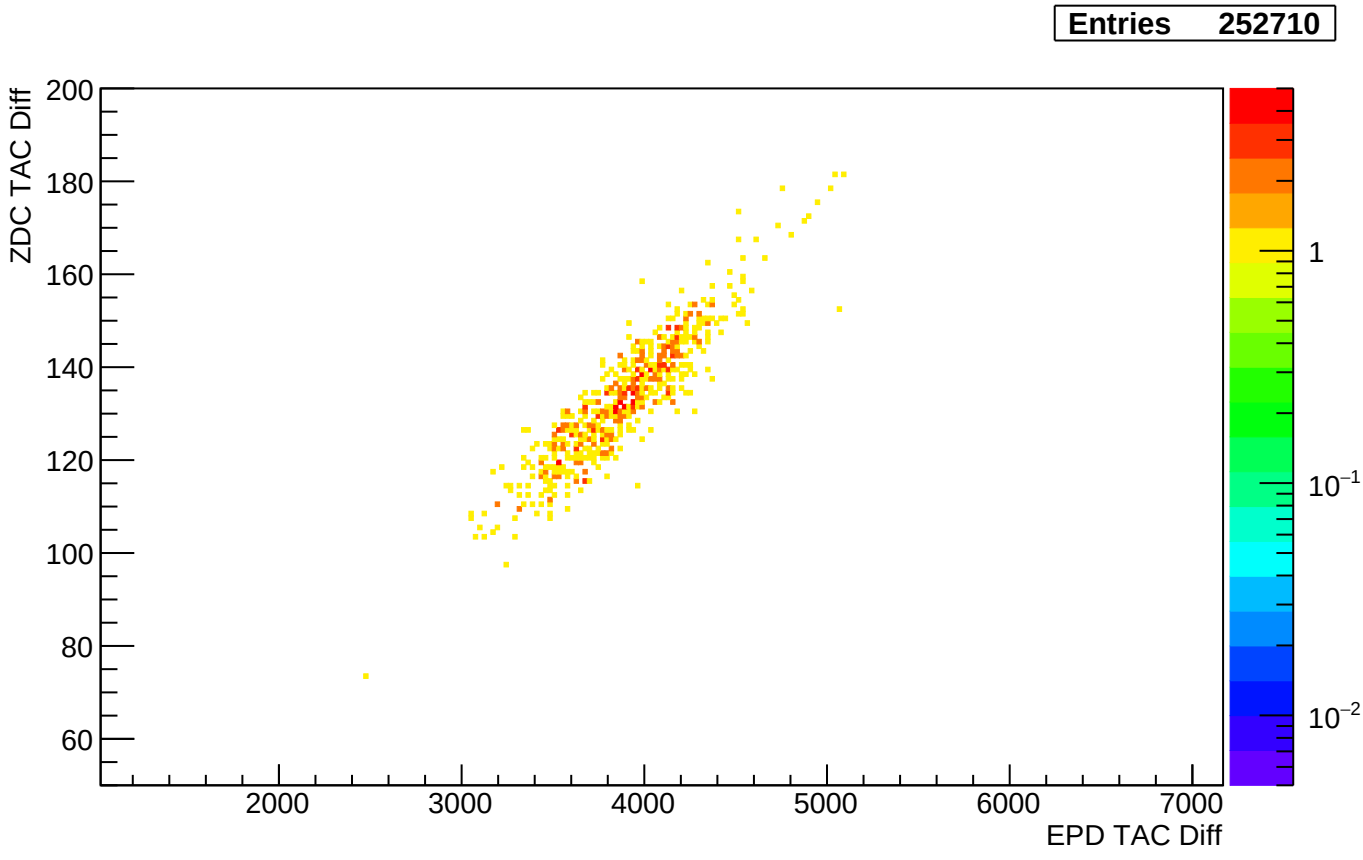

Entries 252710
TOF-Mult
BBC-S-West ADC Sum

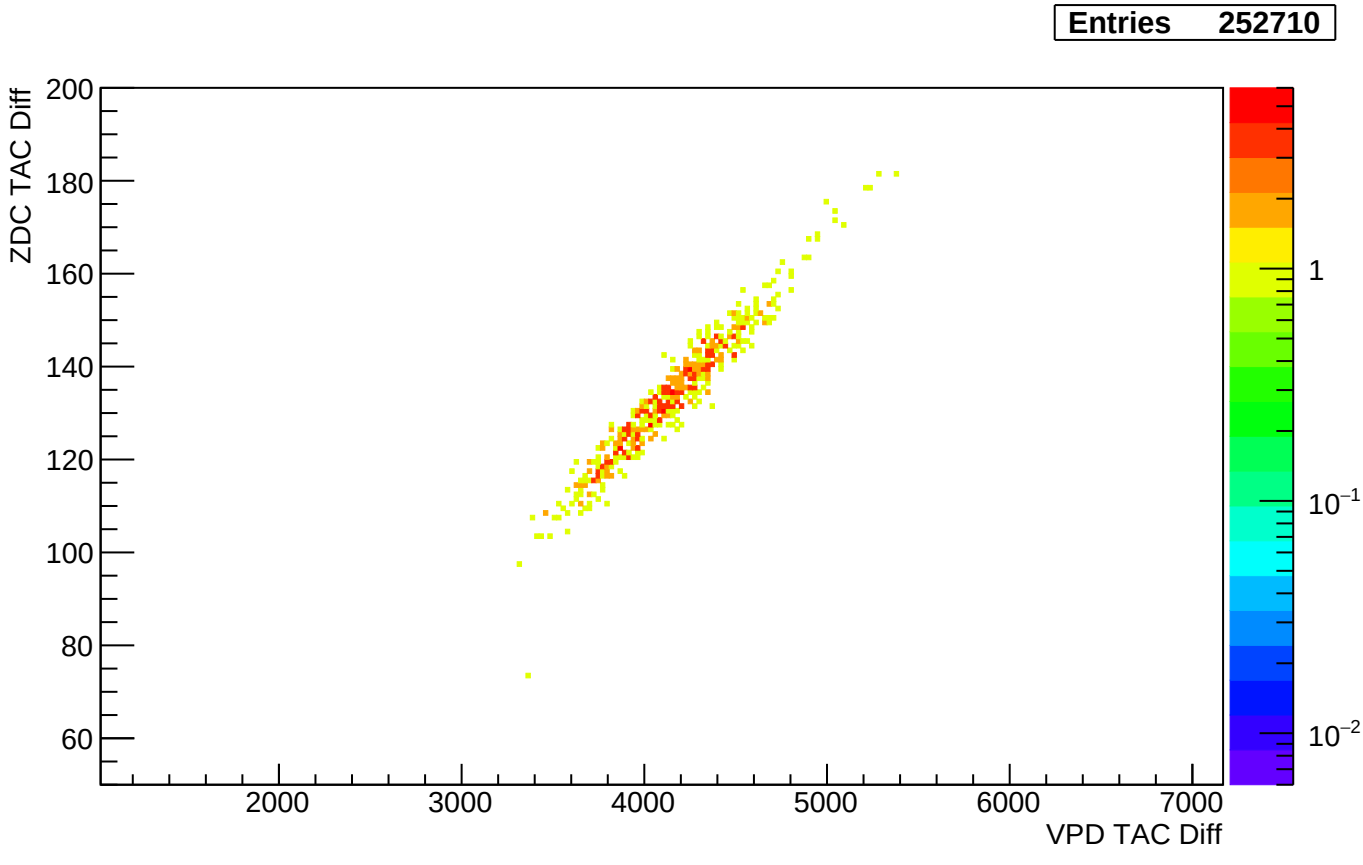

Entries 252710
TOF-Mult
EPD-East Hit Cnt

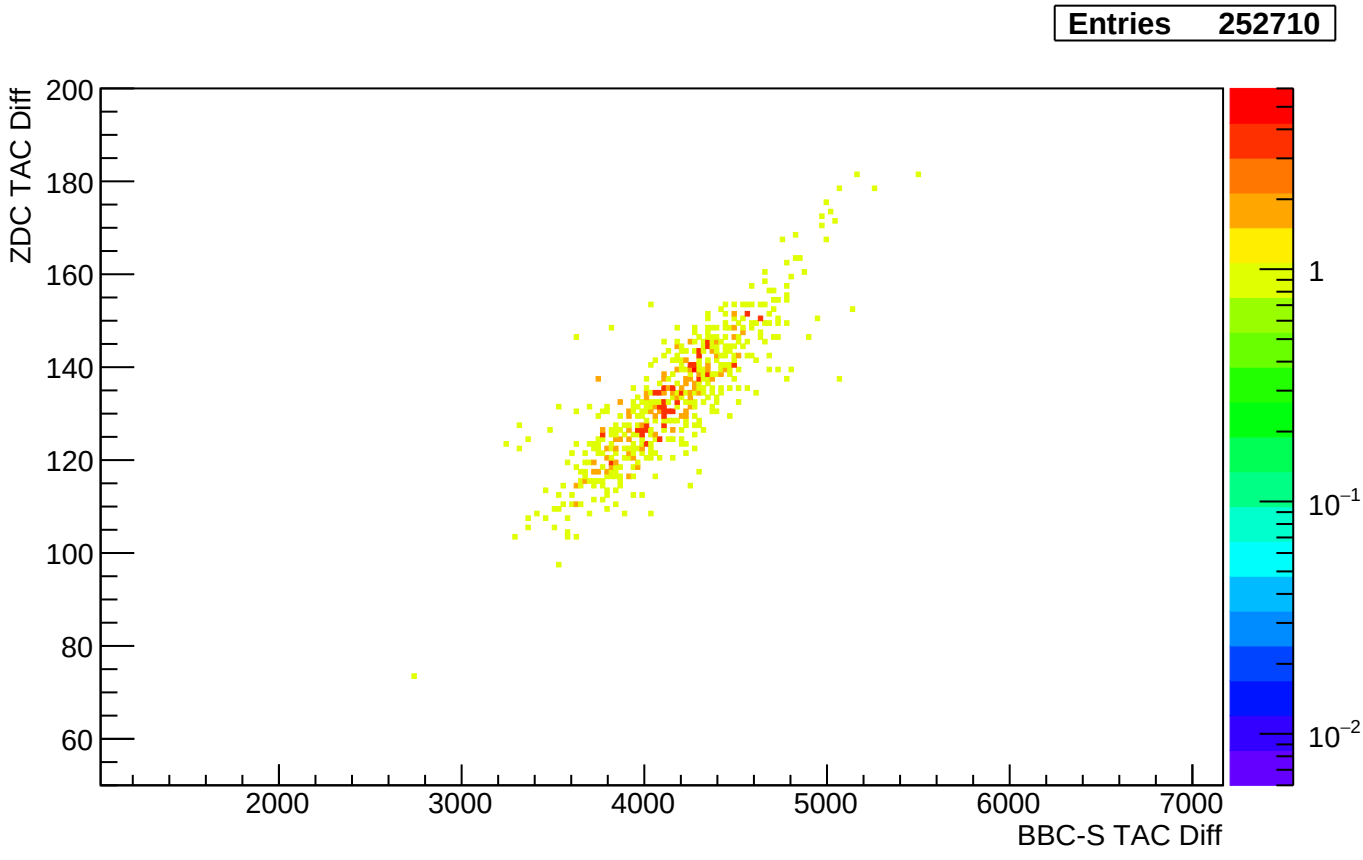

Entries 252710
TOF-Mult
EPD-West Hit Cnt

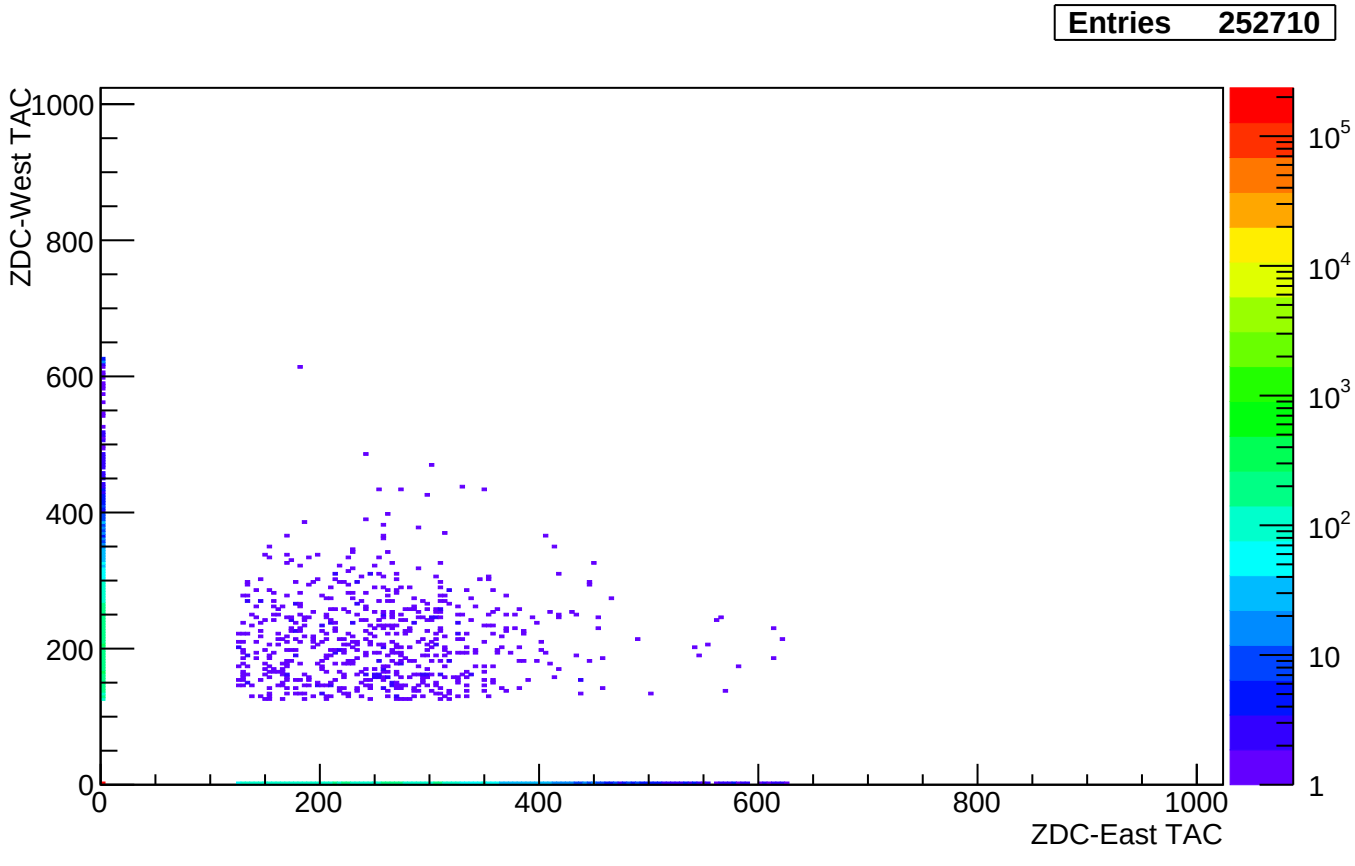

Entries 252710
TOF-Mult
VPD-East ADC Sum

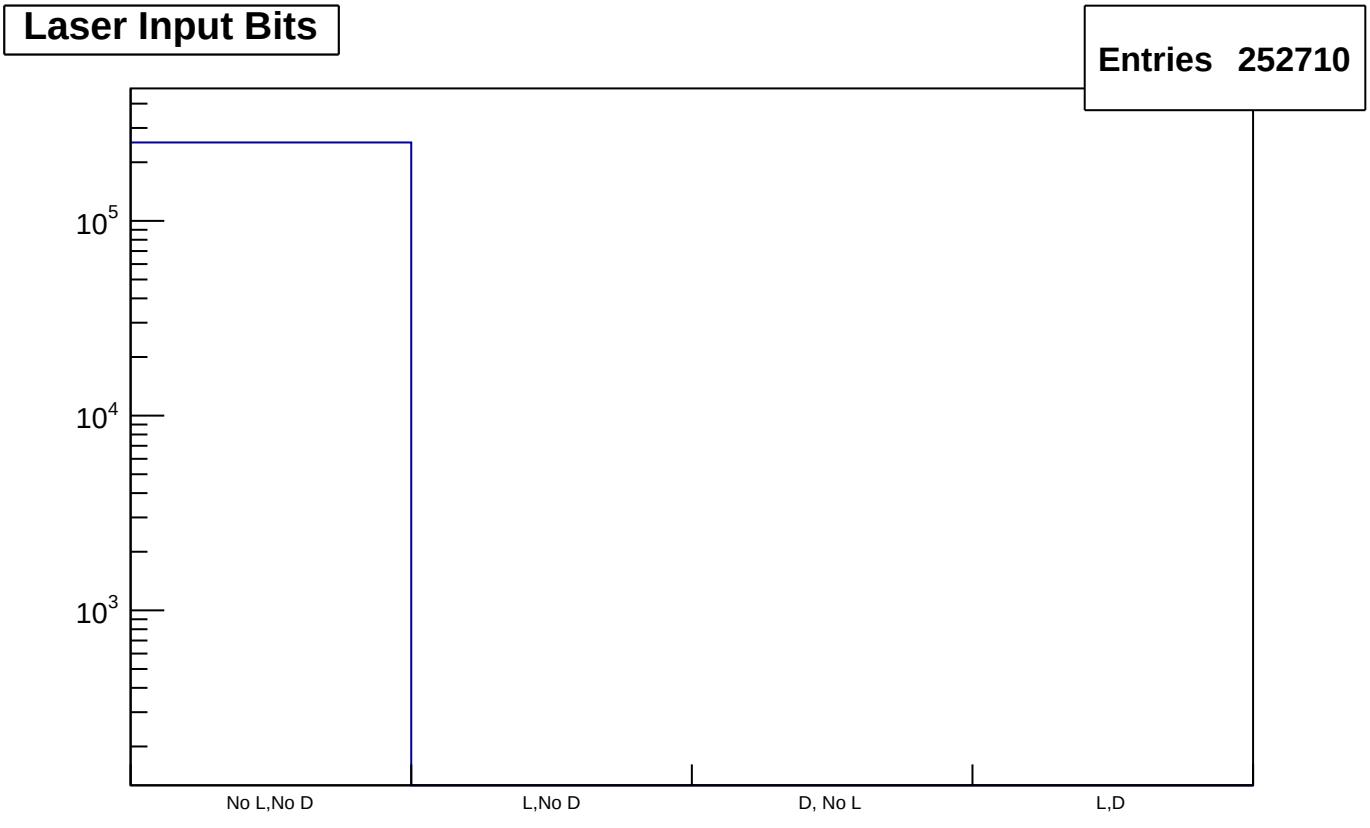

Entries 252710
TOF-Mult
VPD-West ADC Sum

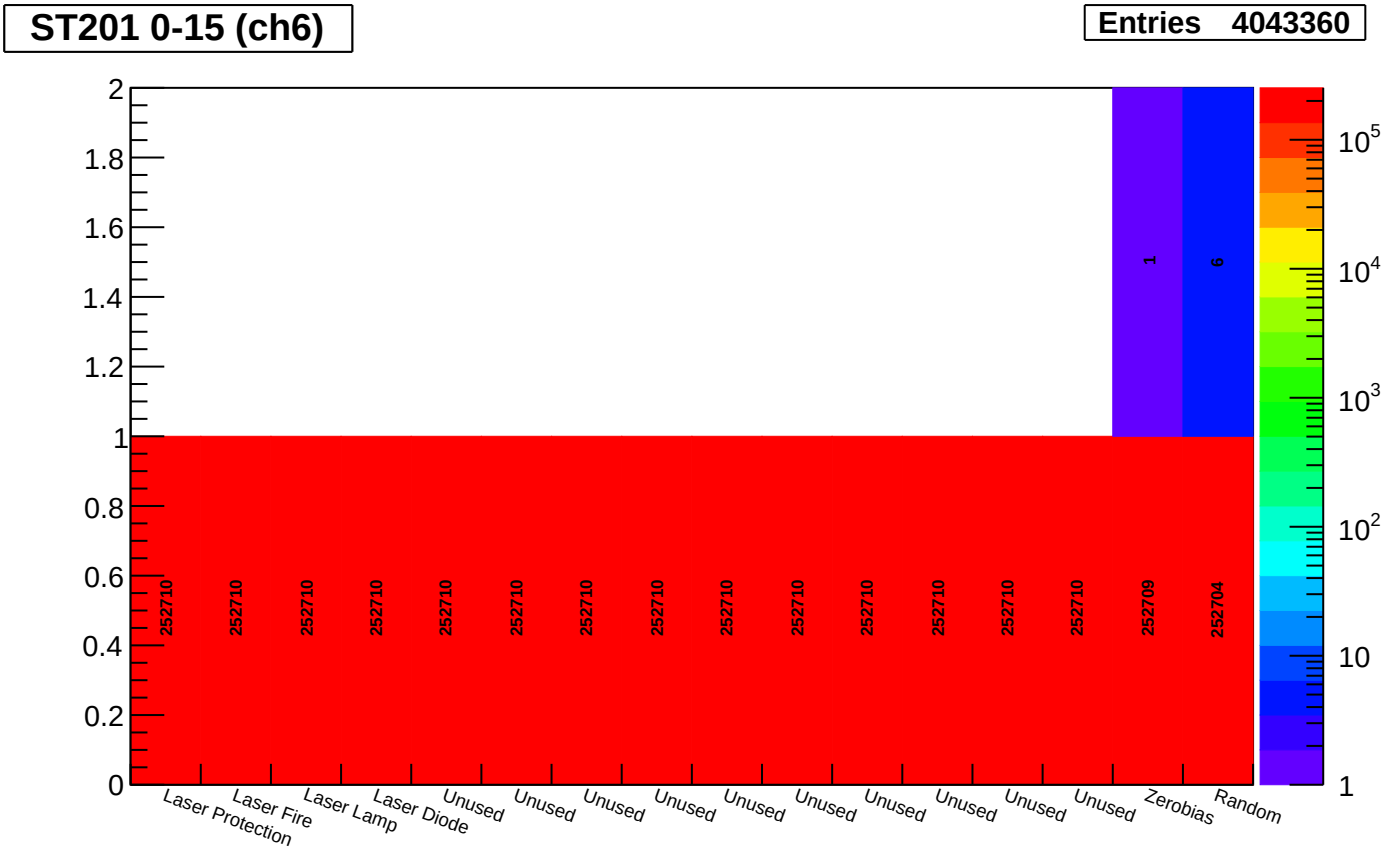

Entries 252710
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

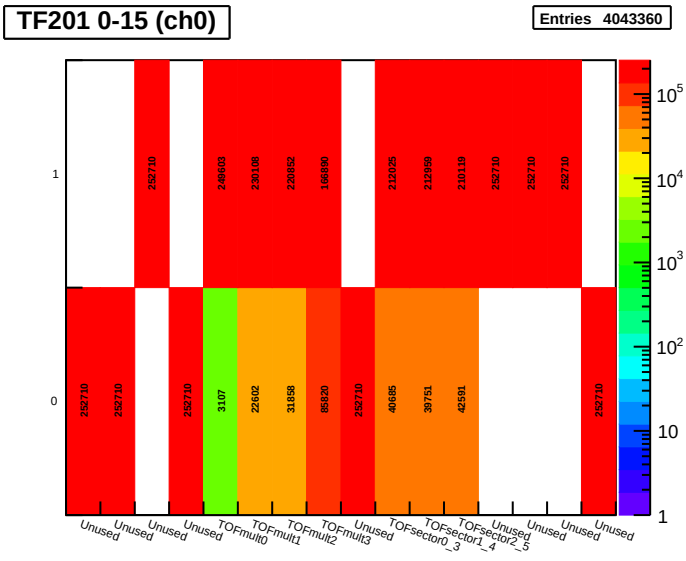

Entries 252710
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

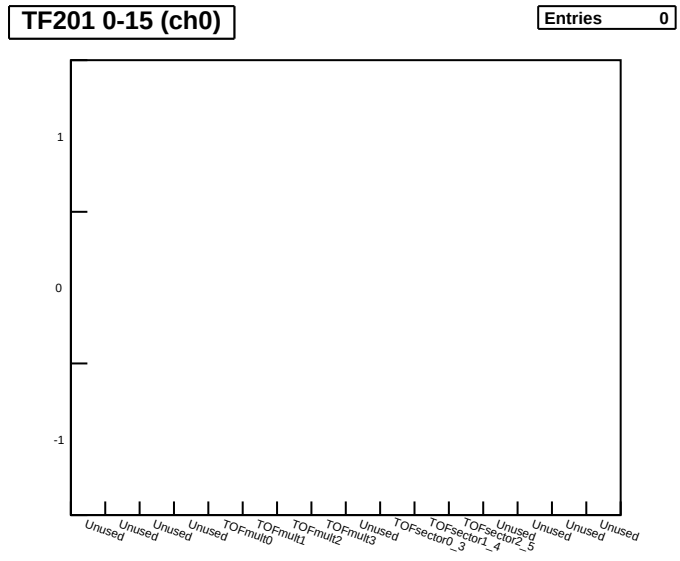

Entries 252710
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

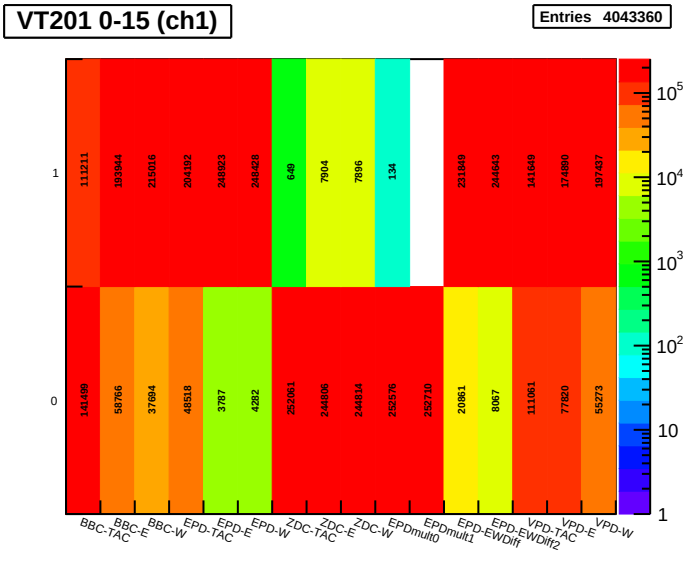

Entries 252710
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

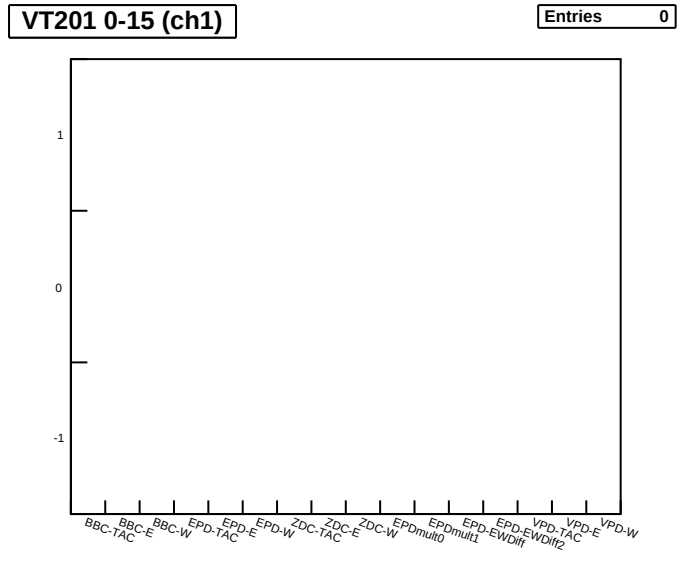

Laser Input Bits
Entries 252710
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

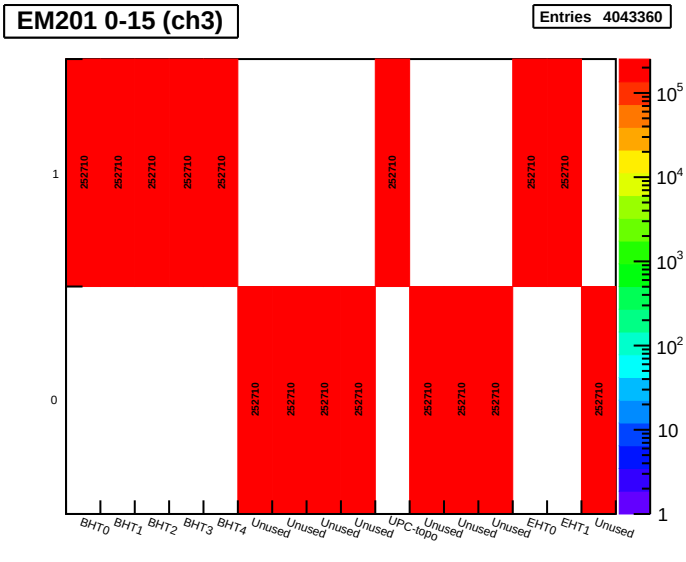

ST201 0-15 (ch6)
Entries 4043360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
252710
252710
252710
252710
252710
252710
252710
252710
252710
252710
252710
252710
252710
252710
252709
252704
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

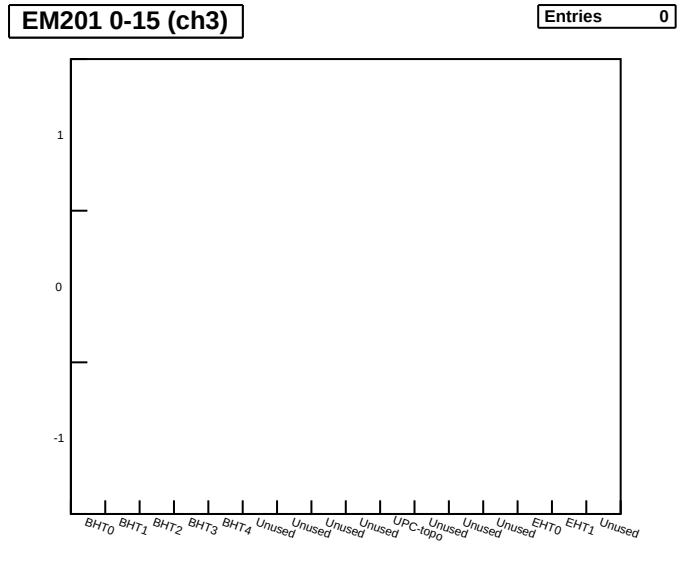

TF201 0-15 (ch0)
Entries 4043360
1
0
252710
249603
230108
220852
166890
212025
212959
210119
252710
252710
252710
252710
252710
252710
3107
22602
31858
85820
40685
39751
42591
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 4043360
1
0
111211
193944
215016
204192
249923
248428
649
7904
7896
134
231849
244643
141649
174890
197437
143499
58766
37694
48518
3787
4232
252061
244806
244814
252576
252710
20861
8067
111061
77820
55273
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
1
10
10^2
10^3
10^4
10^5


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 4043360
1
0
252710
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


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