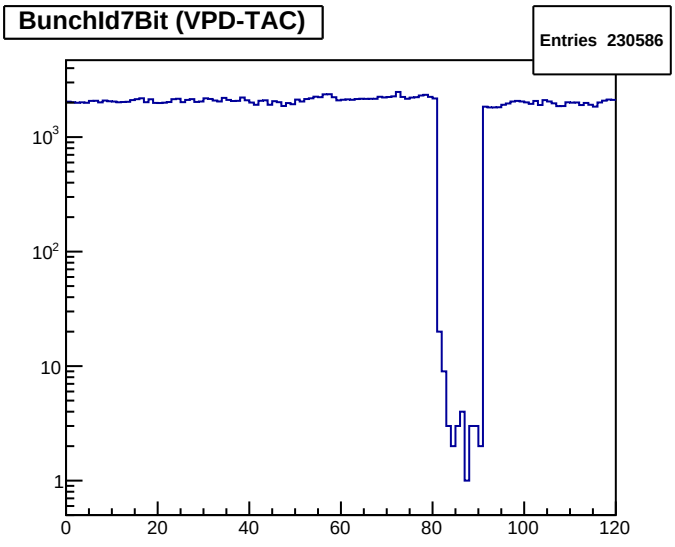
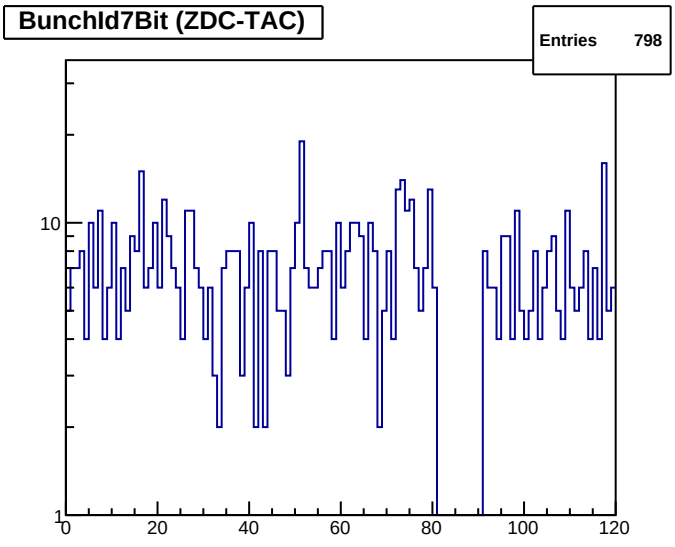
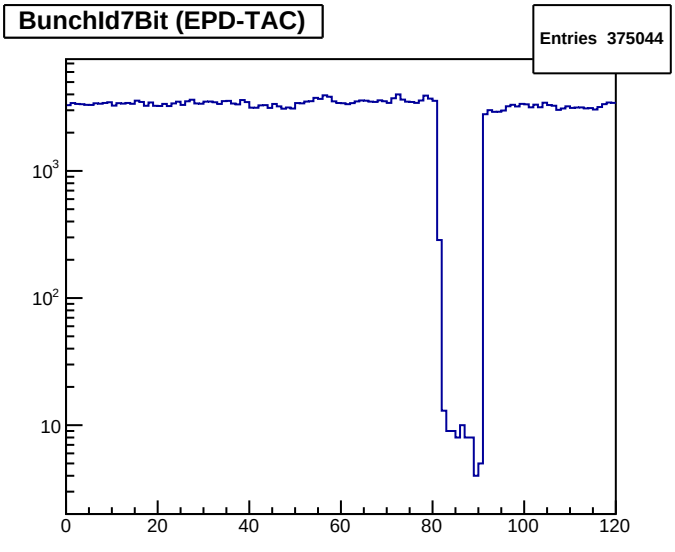
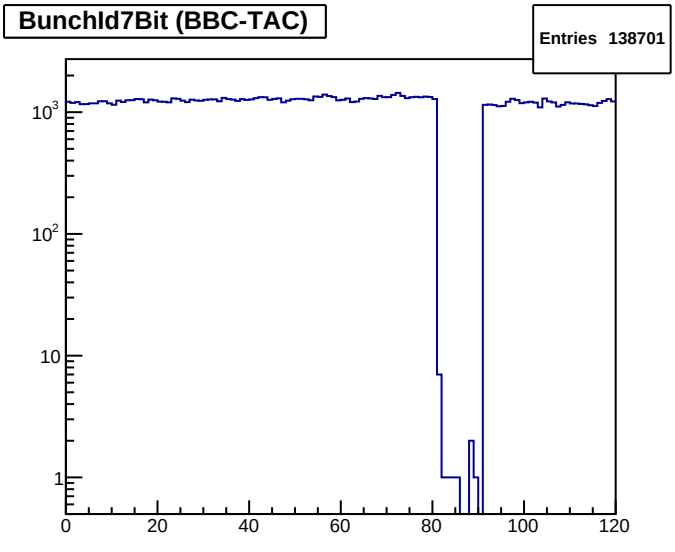
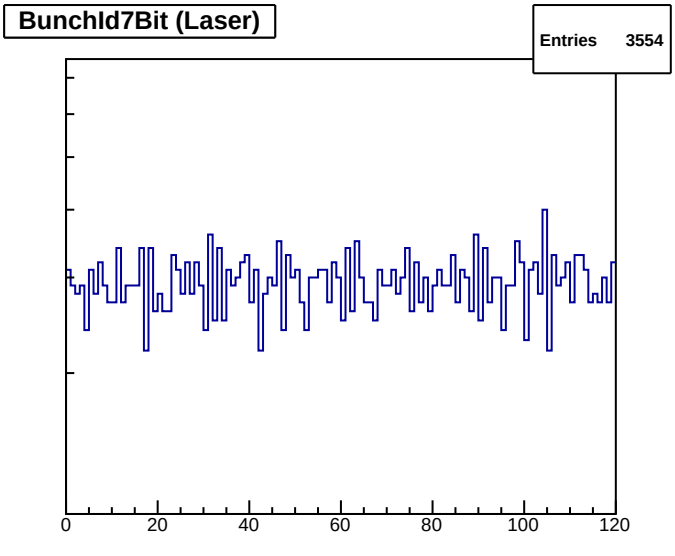
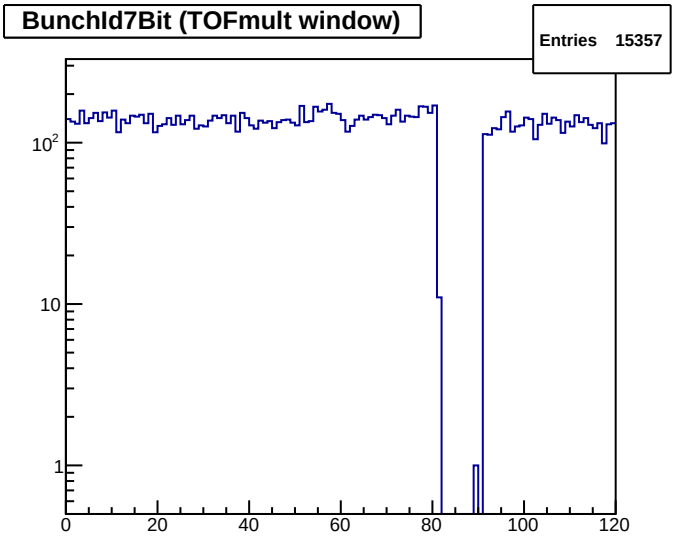

BunchId7Bit (VPD-TAC)
Entries 230586

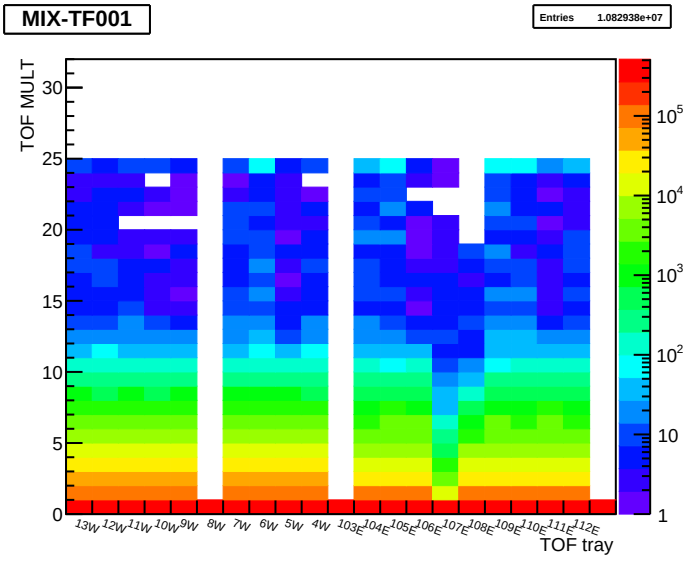

BunchId7Bit (ZDC-TAC)
Entries 798

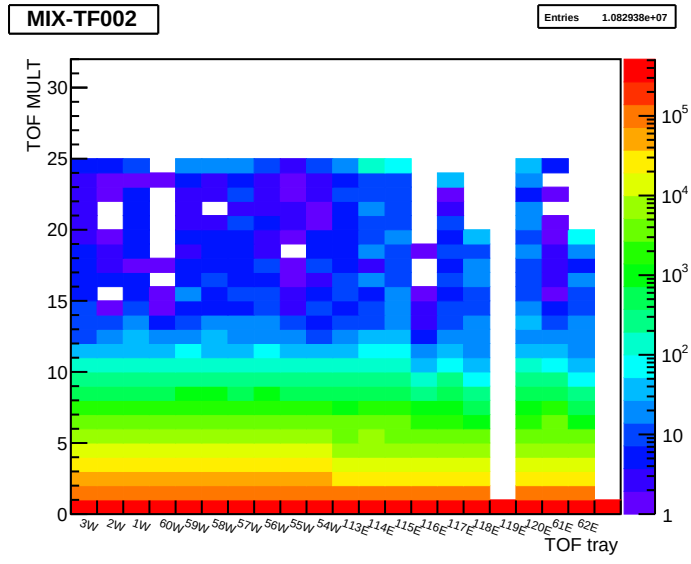

BunchId7Bit (EPD-TAC)
Entries 375044

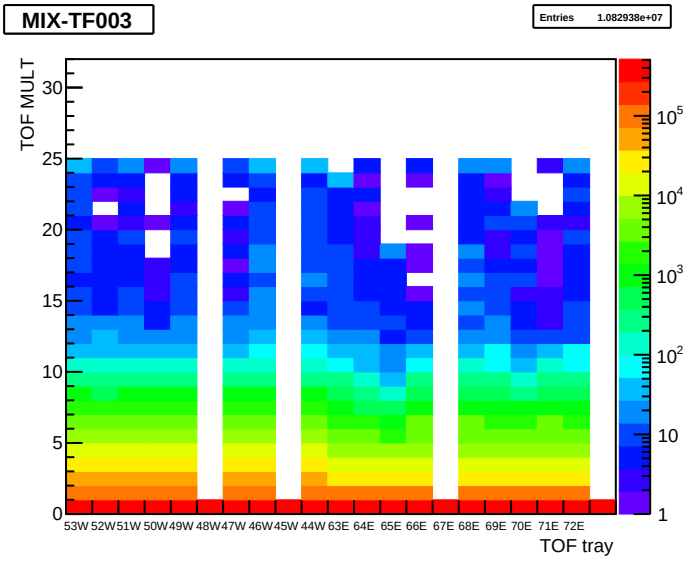

BunchId7Bit (BBC-TAC)
Entries 138701

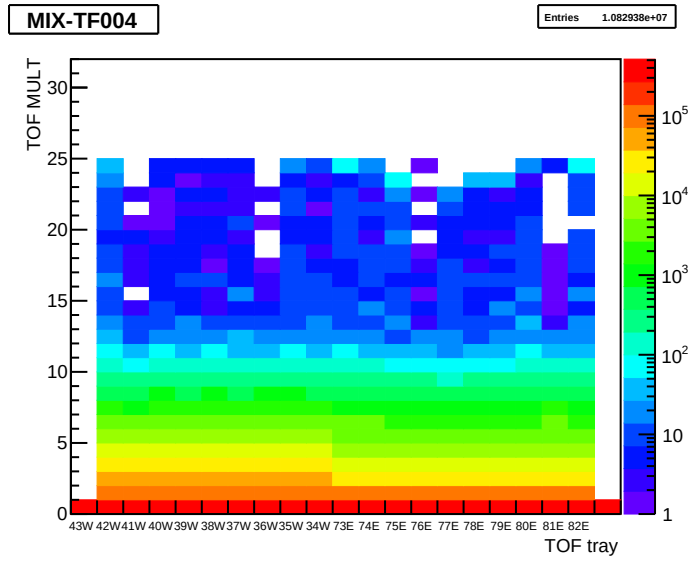

BunchId7Bit (Laser)
Entries 3554

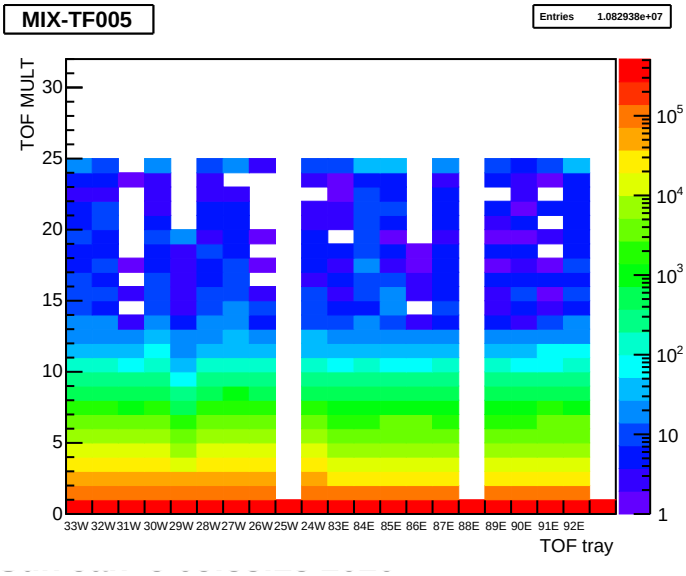

BunchId7Bit (TOFmult window)
Entries 15357

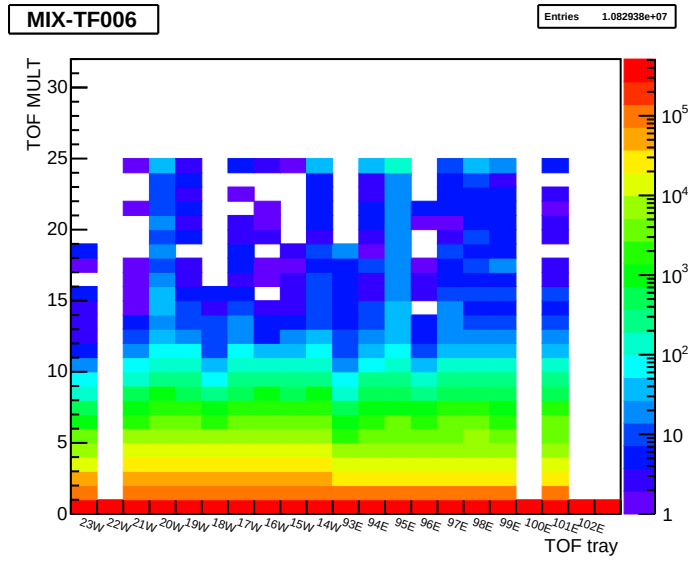

MIX-TF001
Entries 1.082938e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

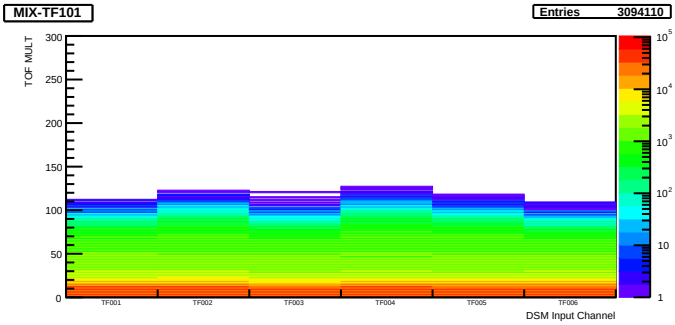

MIX-TF002
Entries 1.082938e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

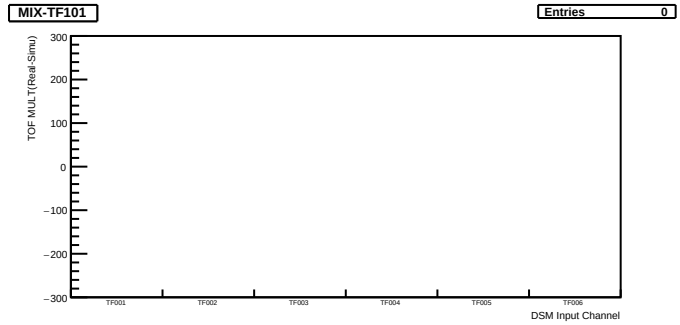

MIX-TF003
Entries 1.082938e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

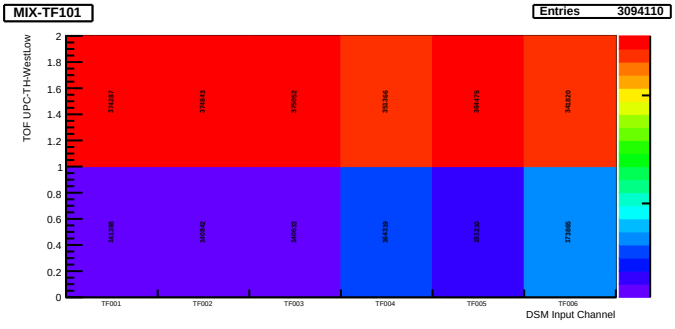

MIX-TF004
Entries 1.082938e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

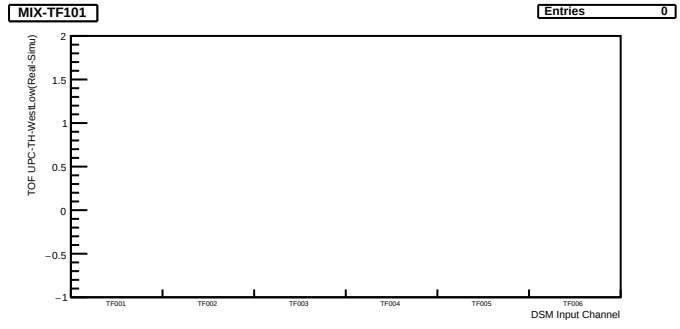

MIX-TF005
Entries 1.082938e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

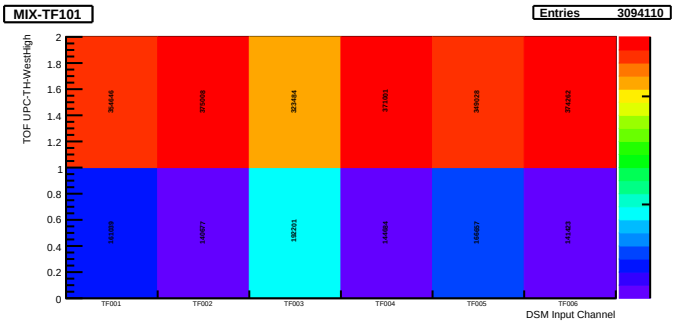

MIX-TF006
Entries 1.082938e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

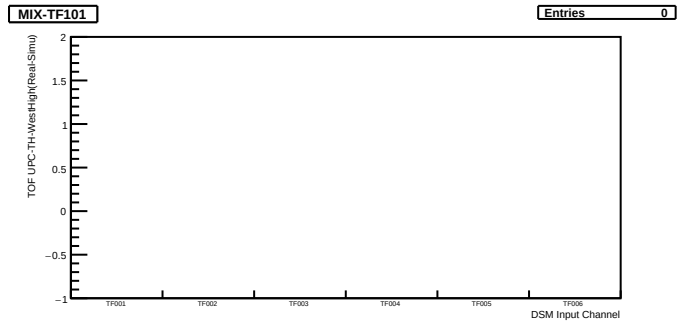

MIX-TF101
Entries 3094110
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

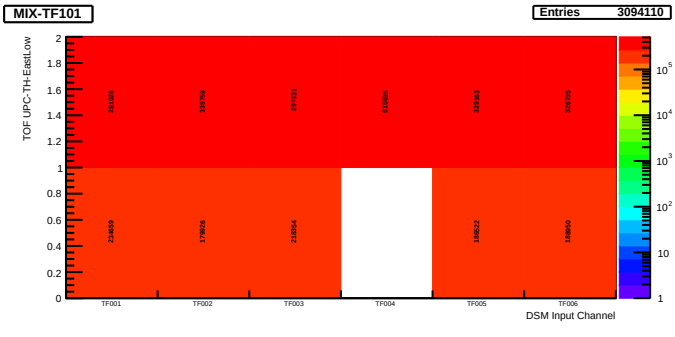

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

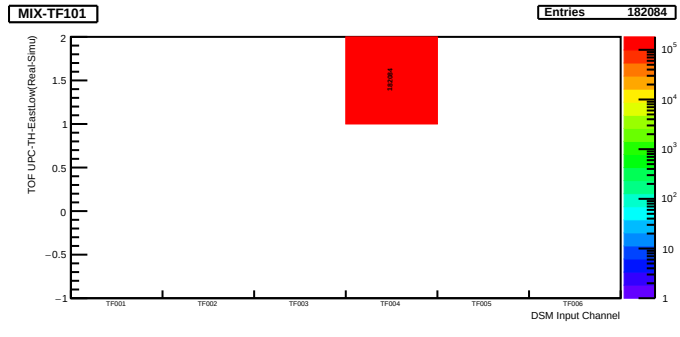

MIX-TF101
Entries 3094110
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

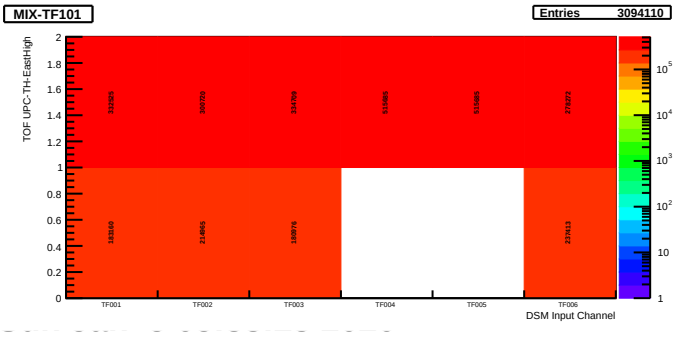

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

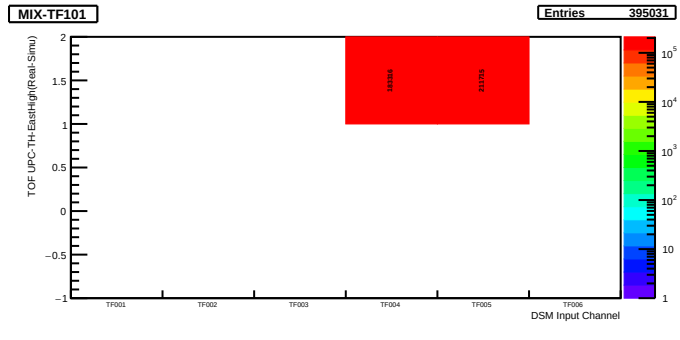

MIX-TF101
Entries 3094110
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

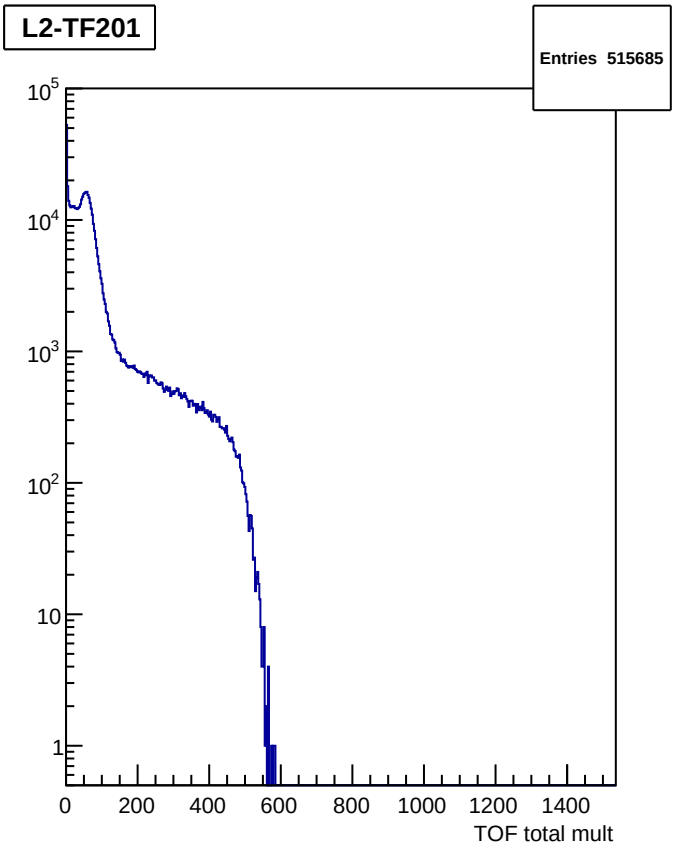

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

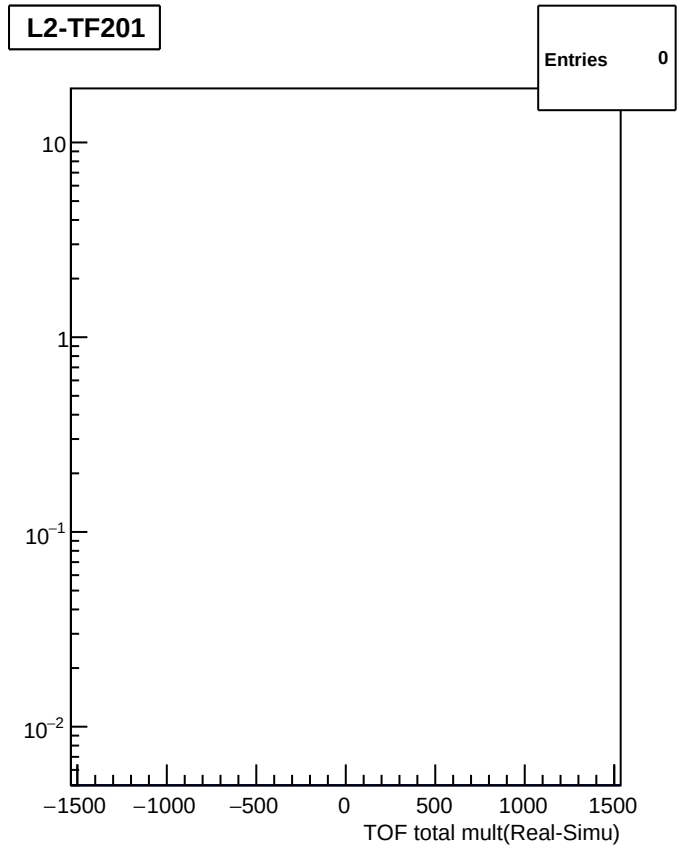

MIX-TF101
Entries 3094110
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

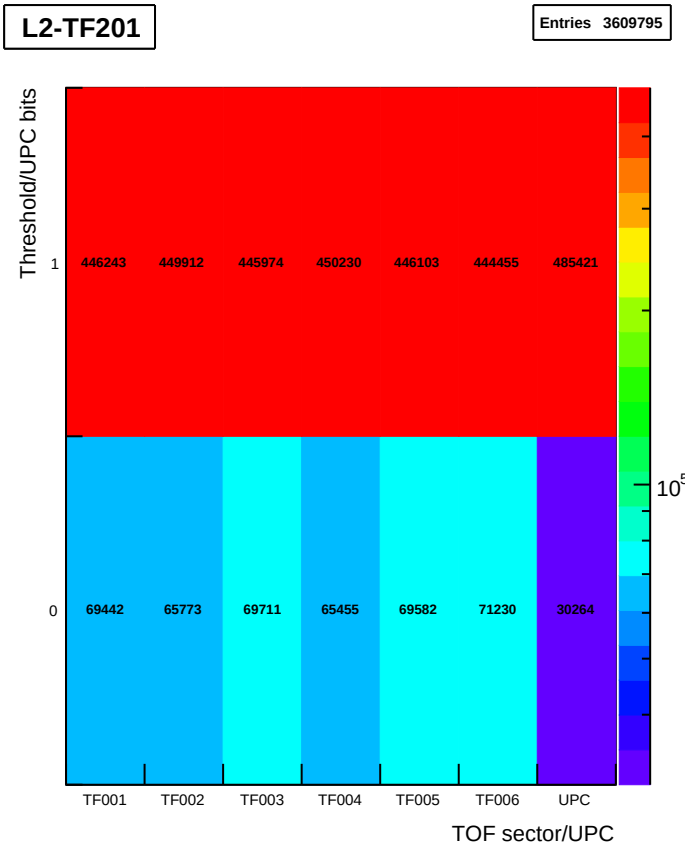

MIX-TF101
Entries 182084
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

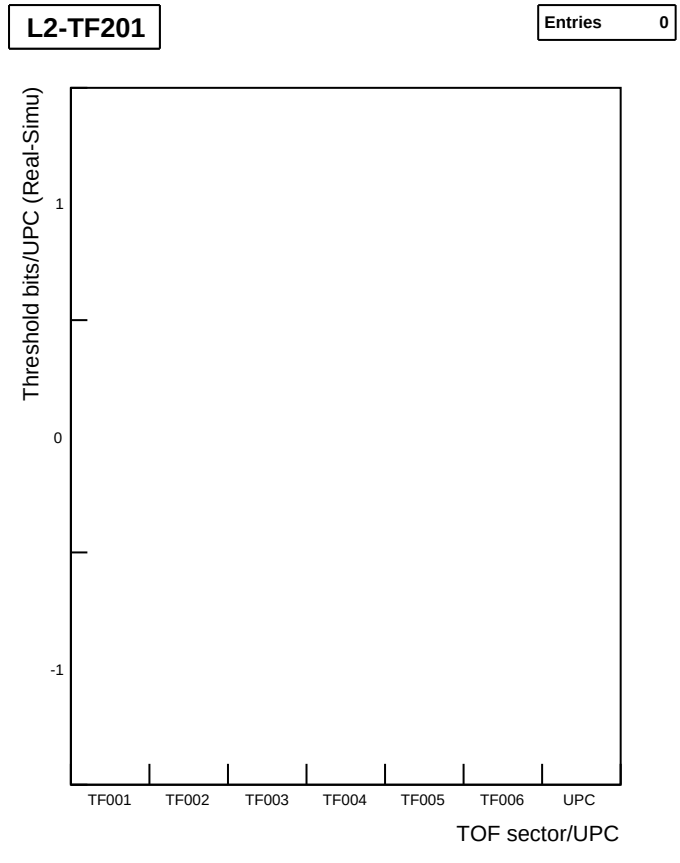

MIX-TF101
Entries 3094110
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

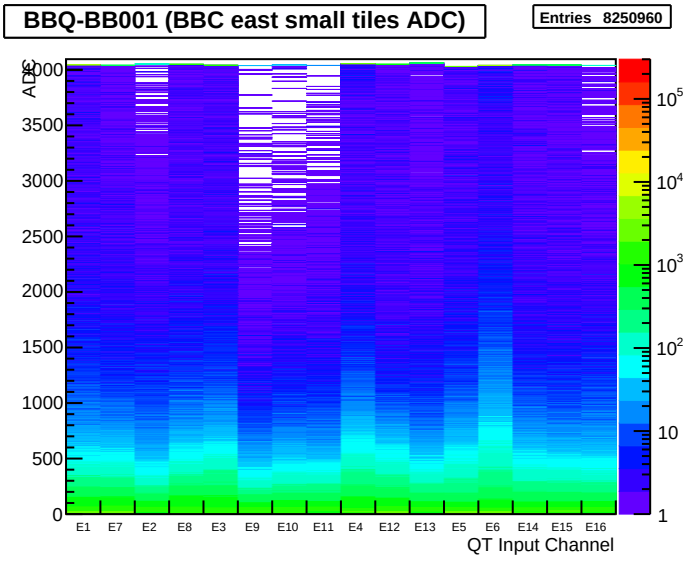

MIX-TF101
Entries 395031
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

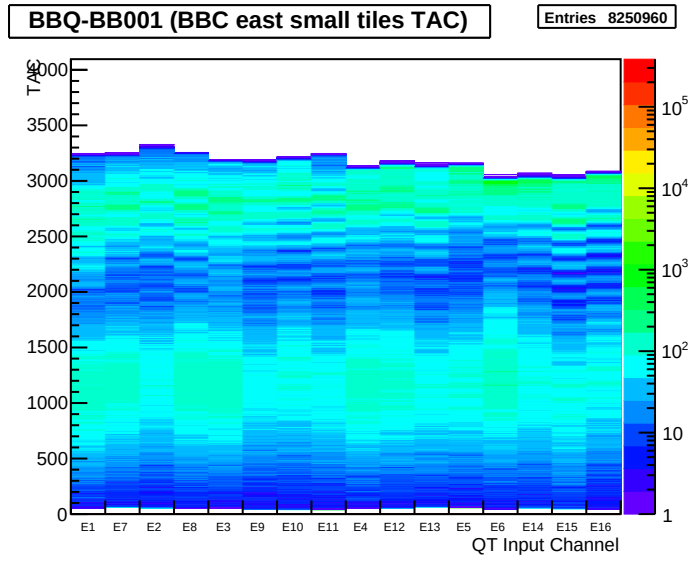

L2-TF201
Entries 515685
TOF total mult

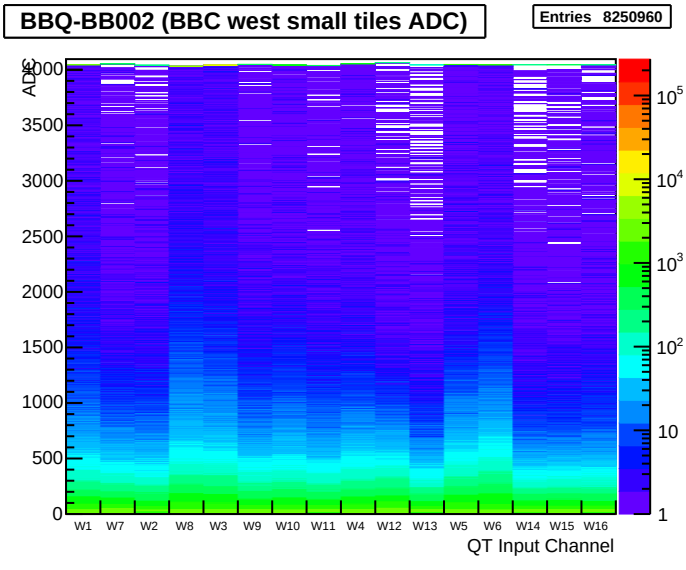

L2-TF201
Entries 0
TOF total mult(Real-Simu)

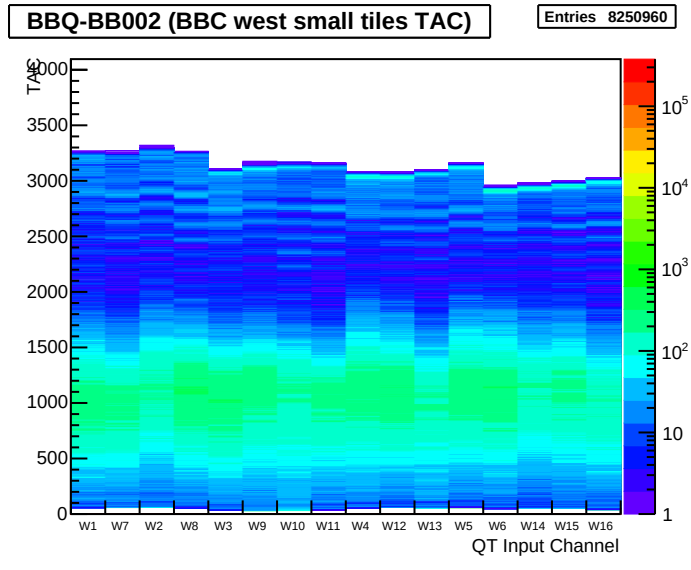

L2-TF201
Entries 3609795
Threshold/UPC bits
446243
449912
445974
450230
446103
444455
485421
69442
65773
69711
65455
69582
71230
30264
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

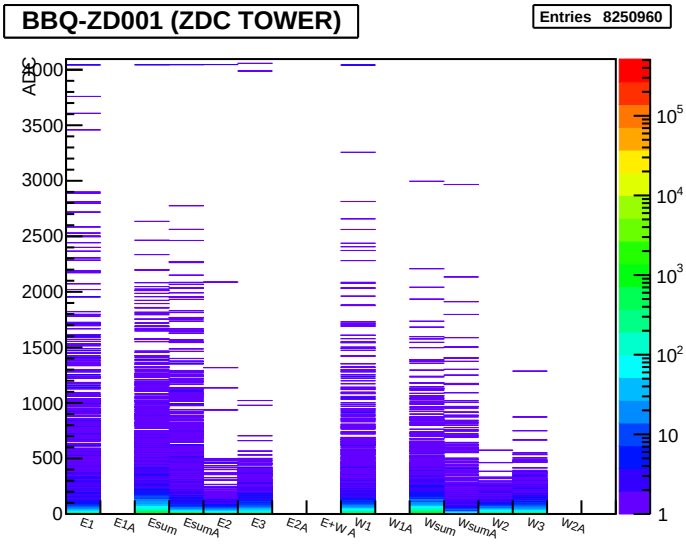

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

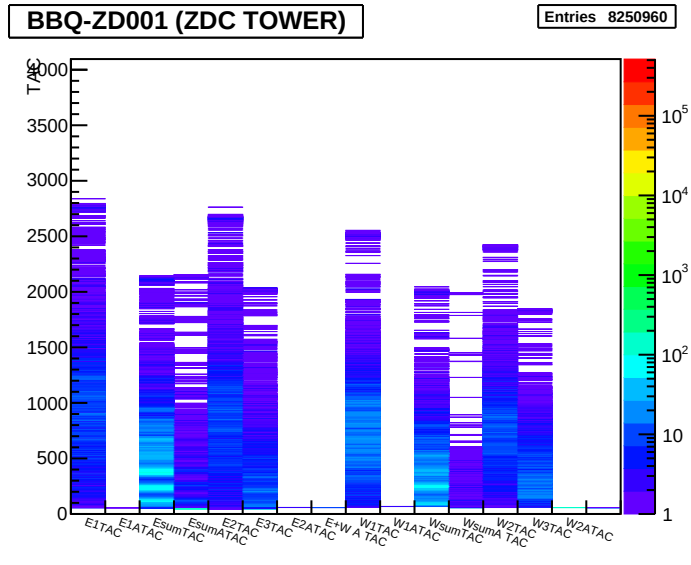

BBQ-BB001 (BBC east small tiles ADC)
Entries 8250960
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

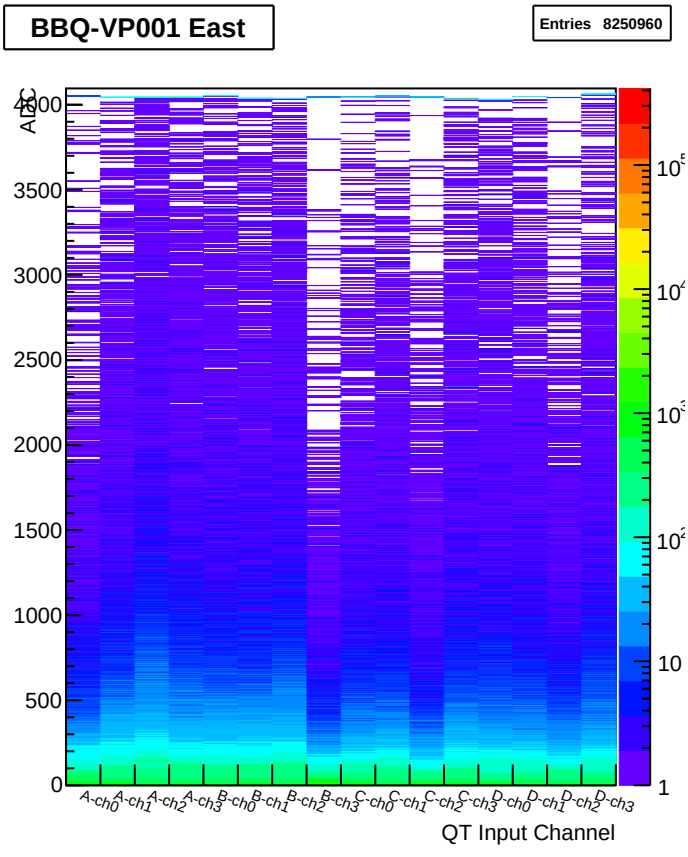

BBQ-BB001 (BBC east small tiles TAC)
Entries 8250960
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

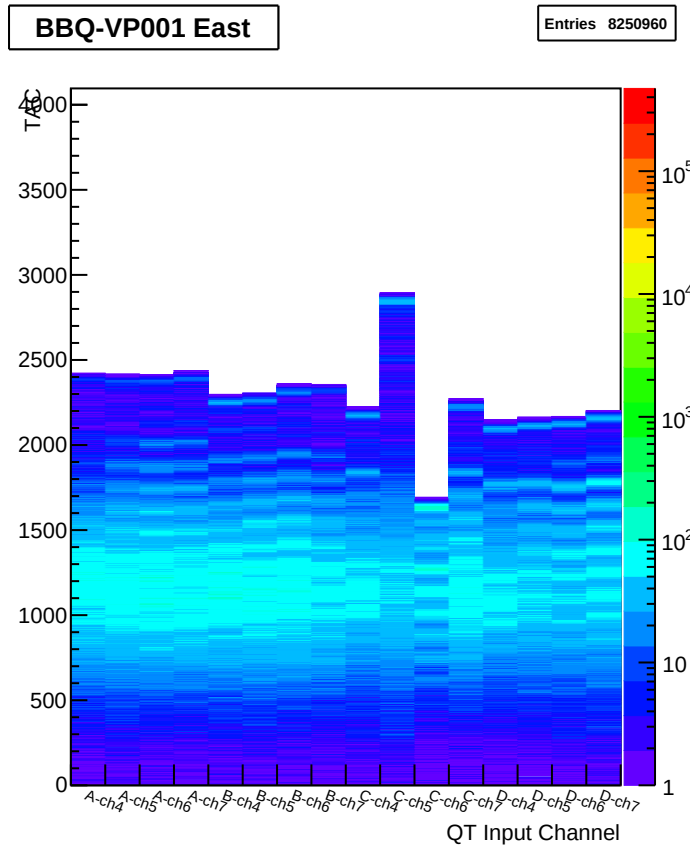

BBQ-BB002 (BBC west small tiles ADC)
Entries 8250960
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

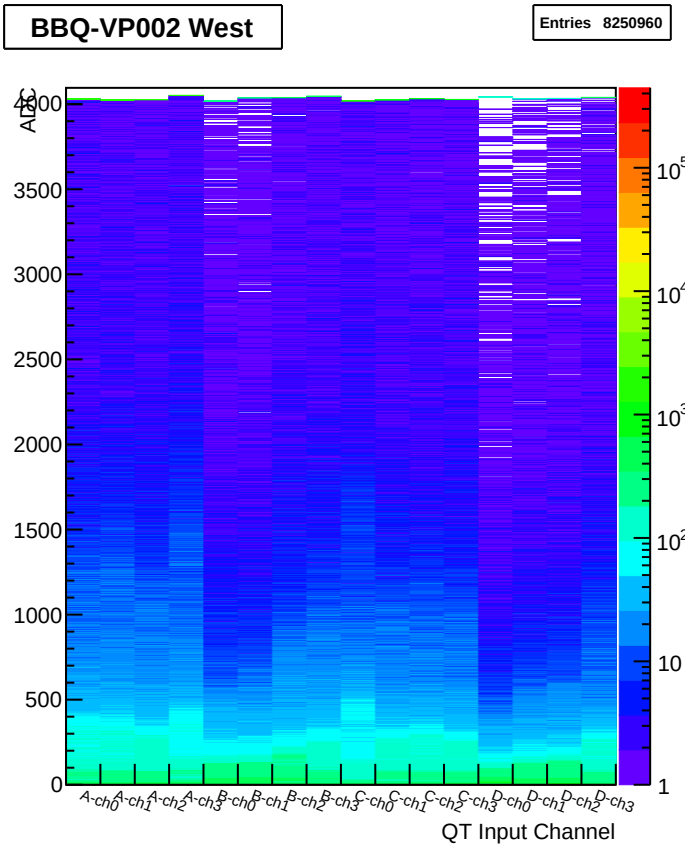

BBQ-BB002 (BBC west small tiles TAC)
Entries 8250960
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

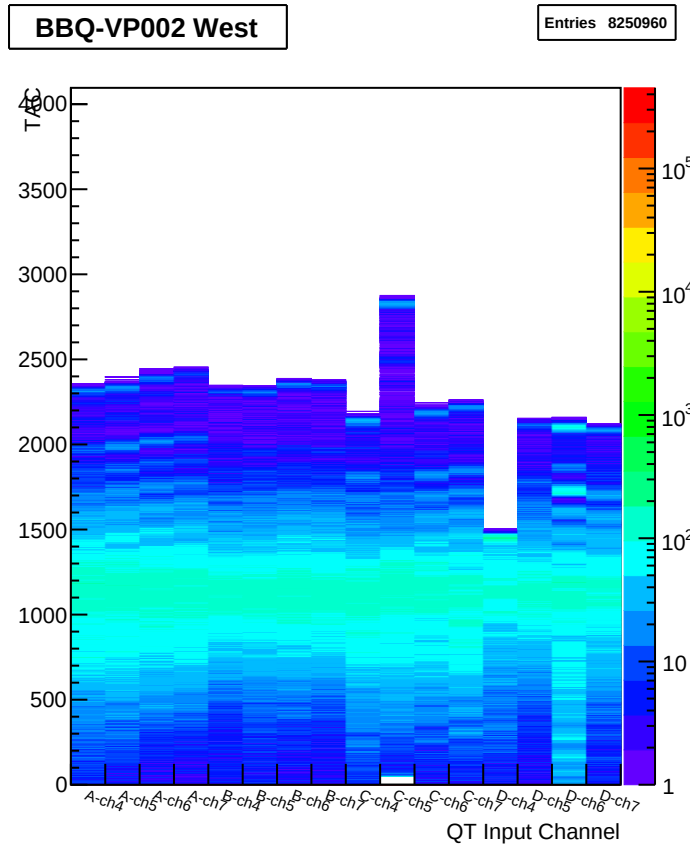

BBQ-ZD001 (ZDC TOWER)
Entries 8250960
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

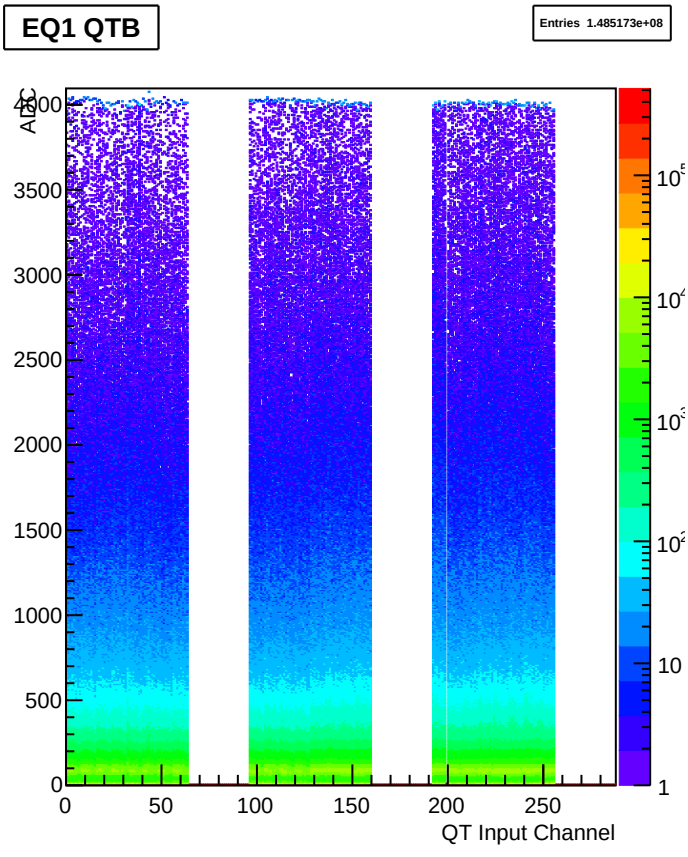

BBQ-ZD001 (ZDC TOWER)
Entries 8250960
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

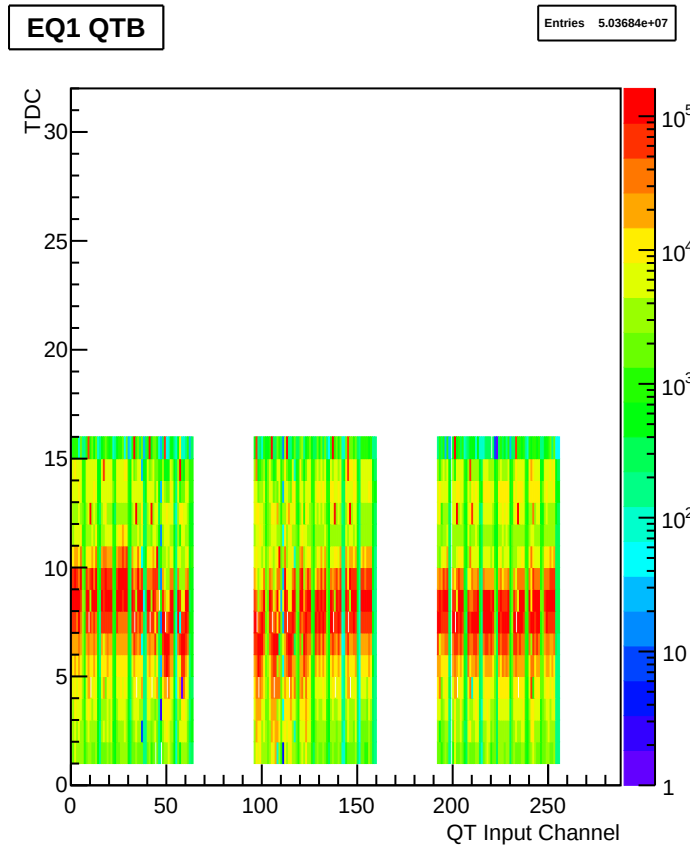

BBQ-VP001 East
Entries 8250960
ADC
QT Input Channel

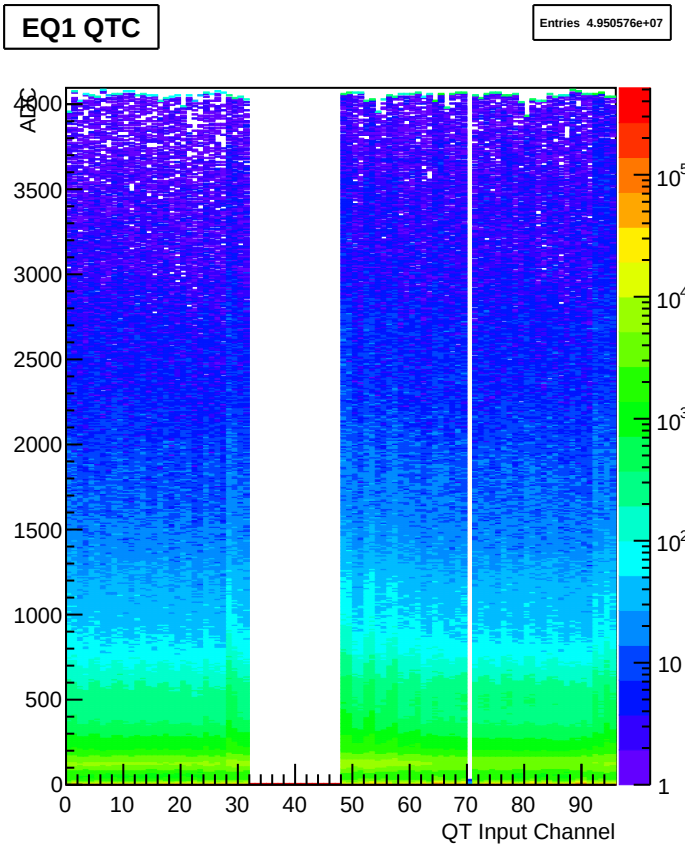

BBQ-VP001 East
Entries 8250960
ADC
QT Input Channel

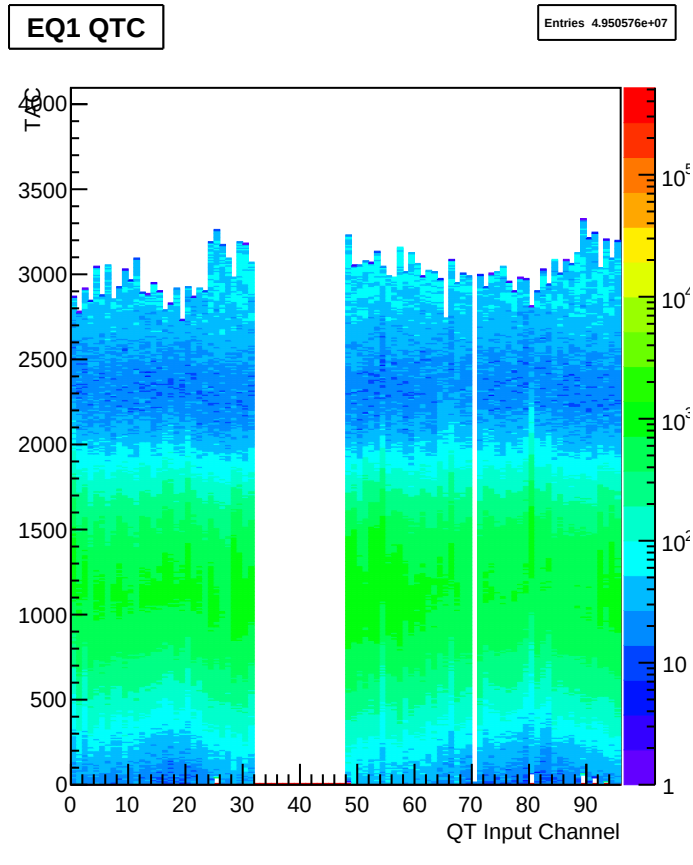

BBQ-VP002 West
Entries 8250960
ADC
QT Input Channel

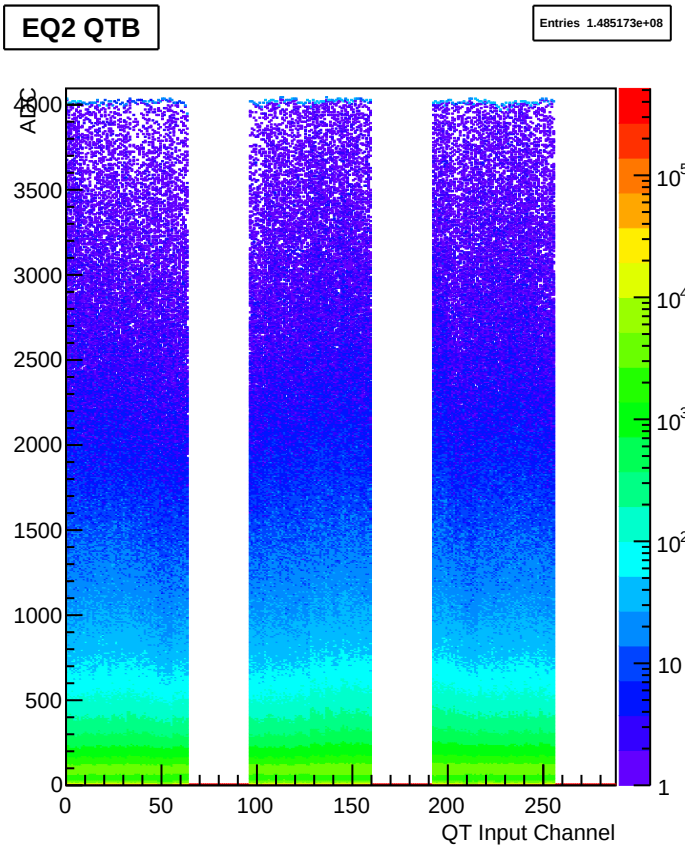

BBQ-VP002 West
Entries 8250960
ADC
QT Input Channel

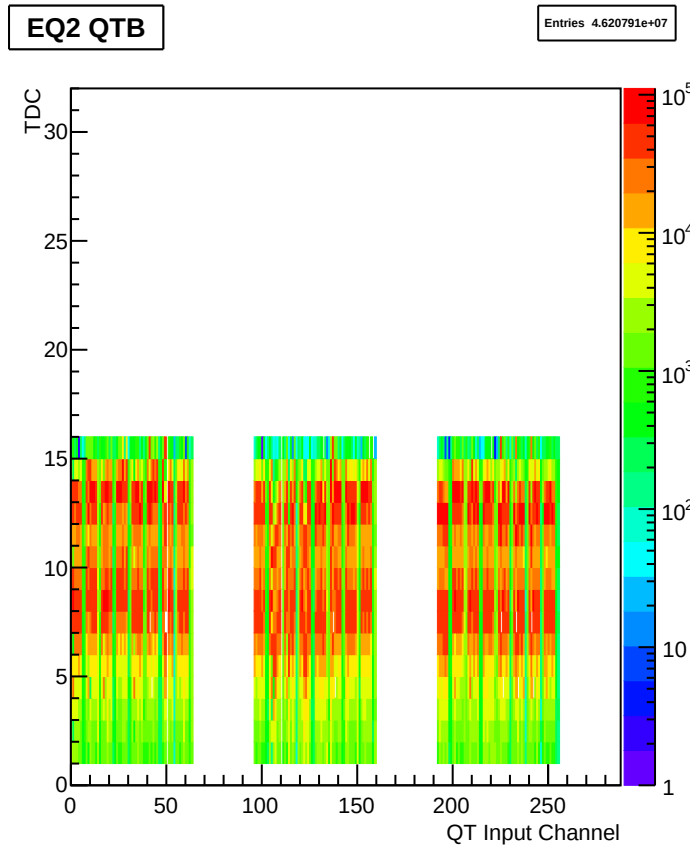

EQ1 QTB
Entries 1.485173e+08
ADC
QT Input Channel

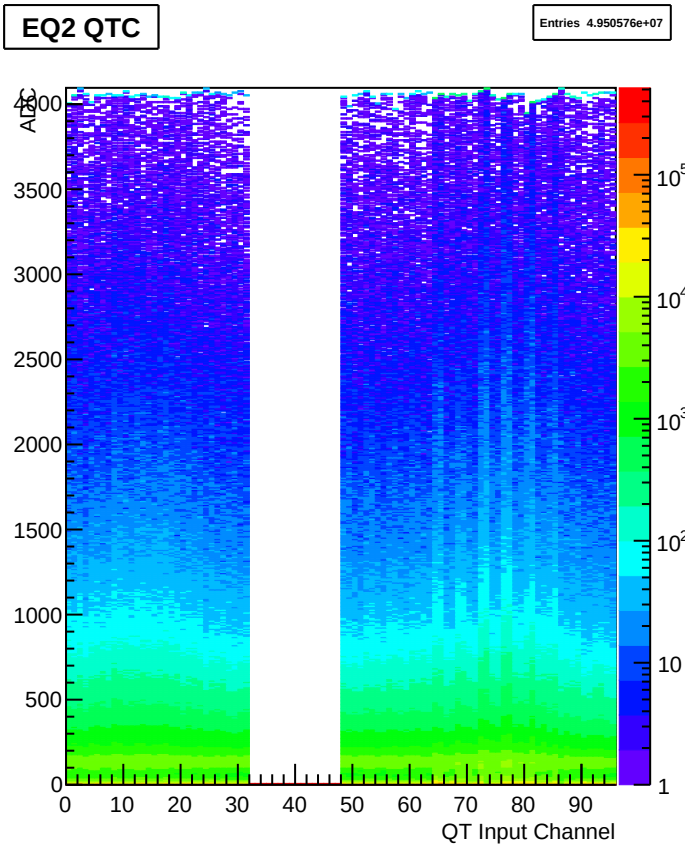

EQ1 QTB
Entries 5.03684e+07
TDC
QT Input Channel

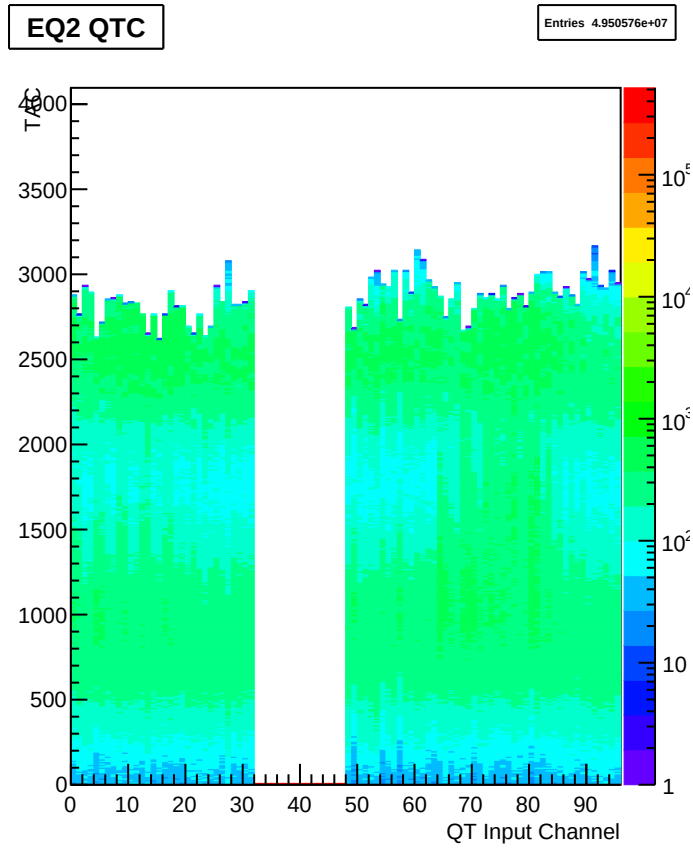

EQ1 QTC
Entries 4.950576e+07
ADC
QT Input Channel

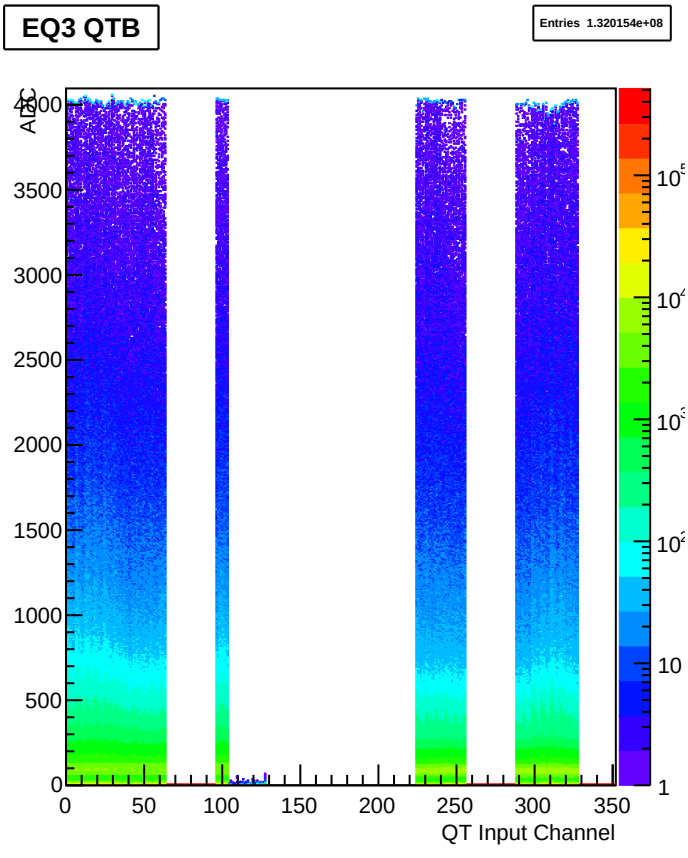

EQ1 QTC
Entries 4.950576e+07
TADC
QT Input Channel

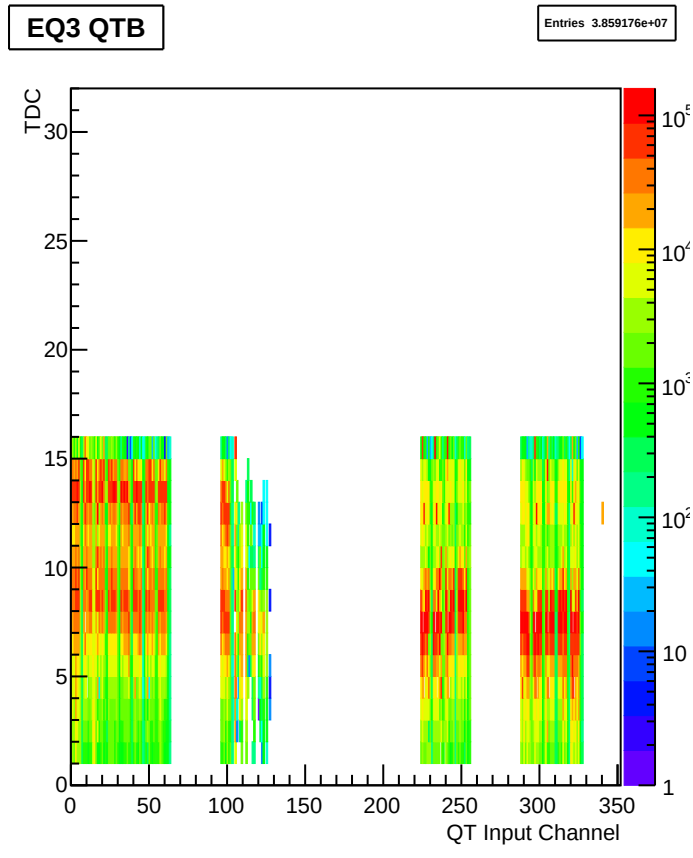

EQ2 QTB
Entries 1.485173e+08
ADC
QT Input Channel

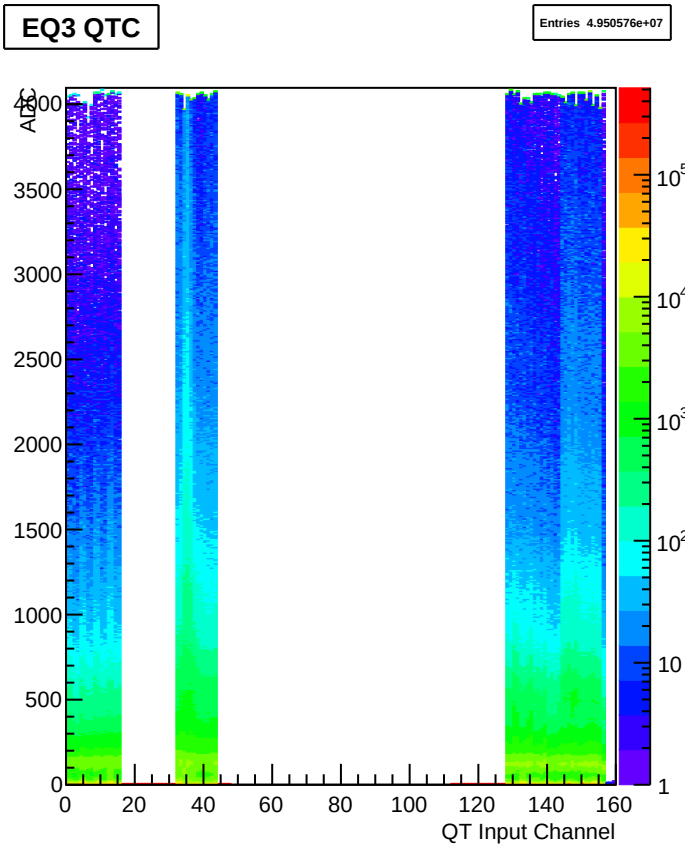

EQ2 QTB
Entries 4.620791e+07
TDC
QT Input Channel

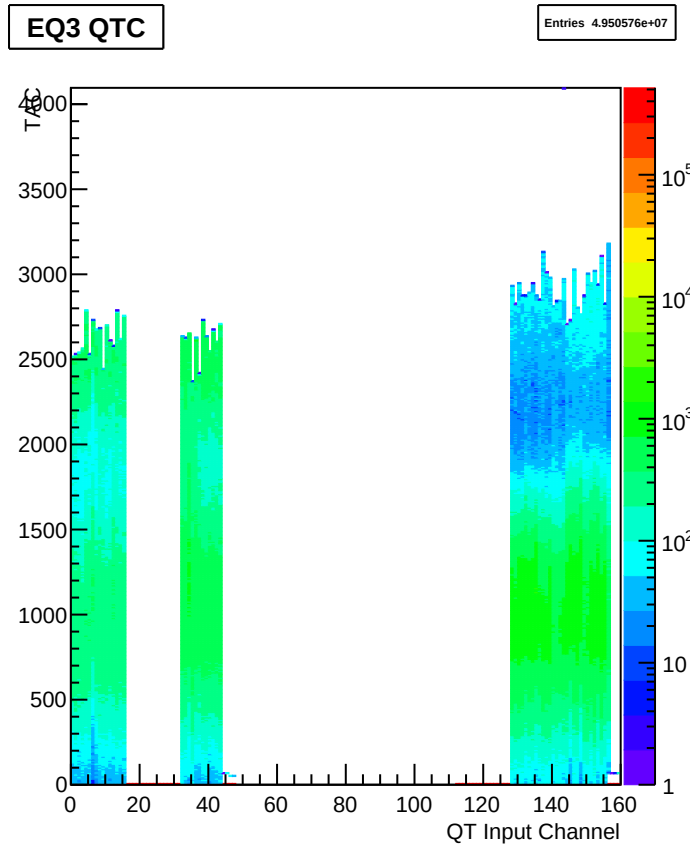

EQ2 QTC
Entries 4.950576e+07
ADC
QT Input Channel

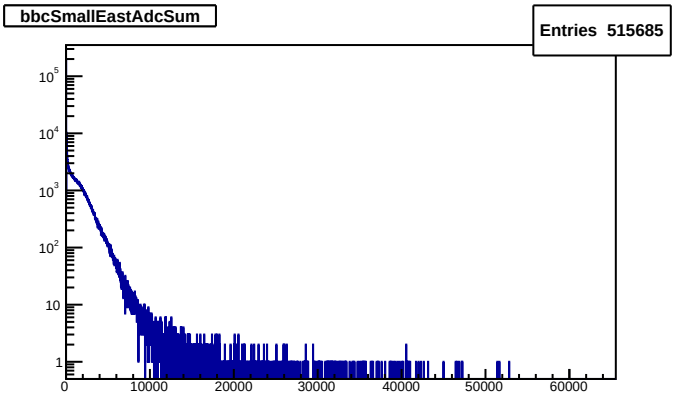

EQ2 QTC
Entries 4.950576e+07
TADC
QT Input Channel

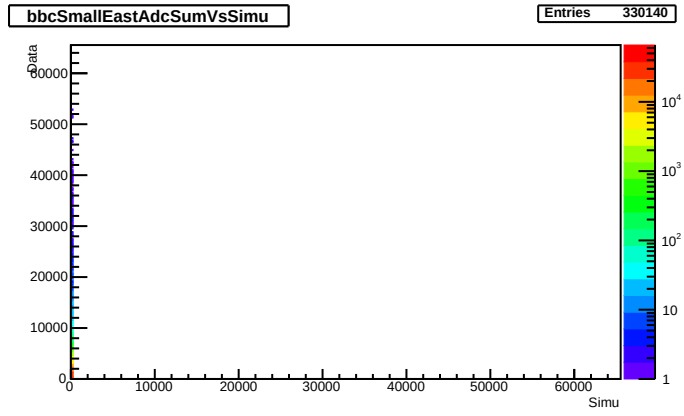

EQ3 QTB
Entries 1.320154e+08
ADC
QT Input Channel

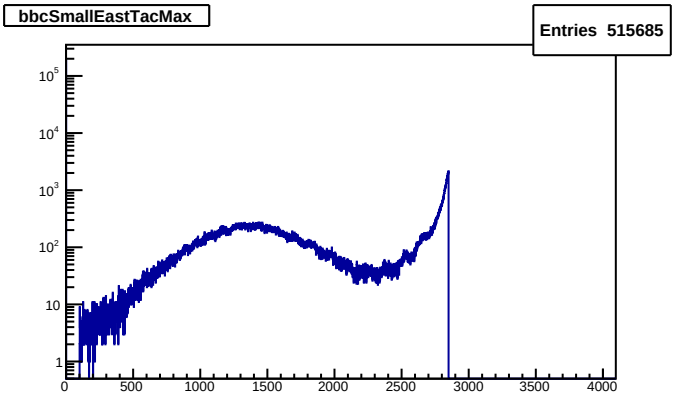

EQ3 QTB
Entries 3.859176e+07
TDC
QT Input Channel

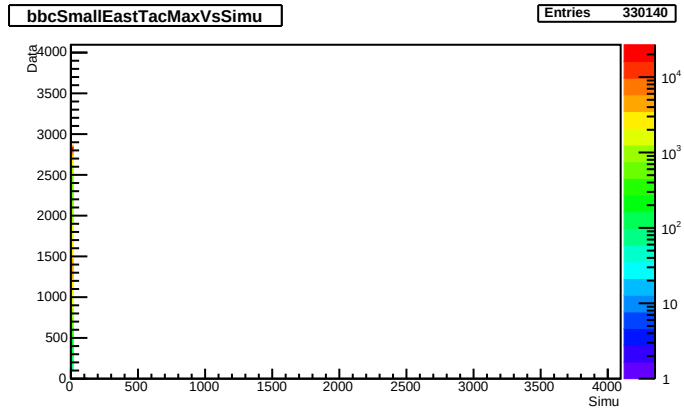

EQ3 QTC
Entries 4.950576e+07
ADC
QT Input Channel

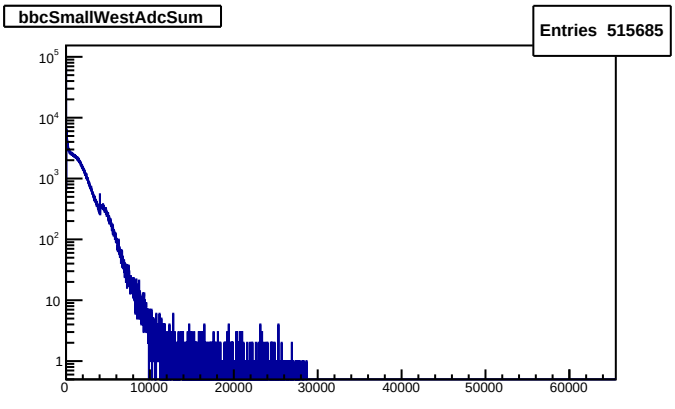

EQ3 QTC
Entries 4.950576e+07
TADC
QT Input Channel

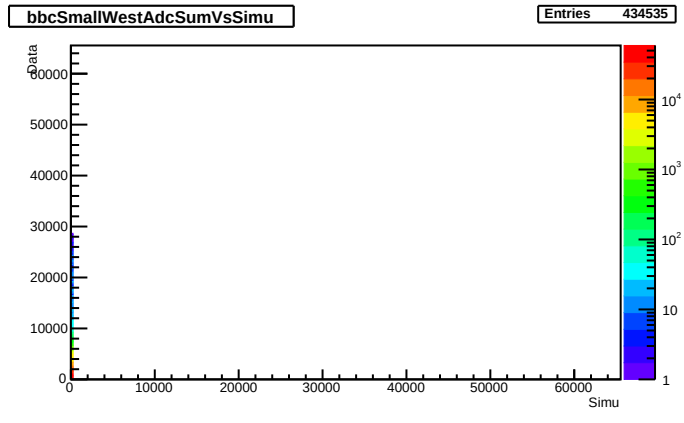

bbcSmallEastAdcSum
Entries 515685

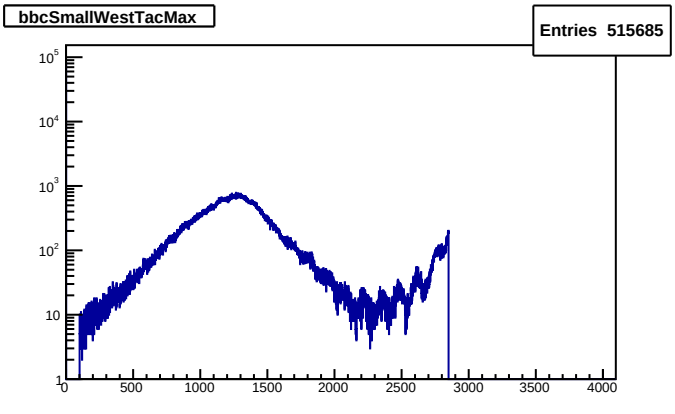

bbcSmallEastAdcSumVsSimu
Entries 330140
Data
Simu

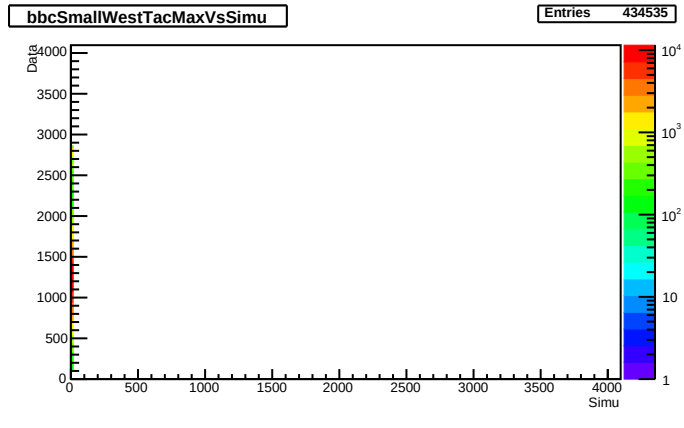

bbcSmallEastTacMax
Entries 515685

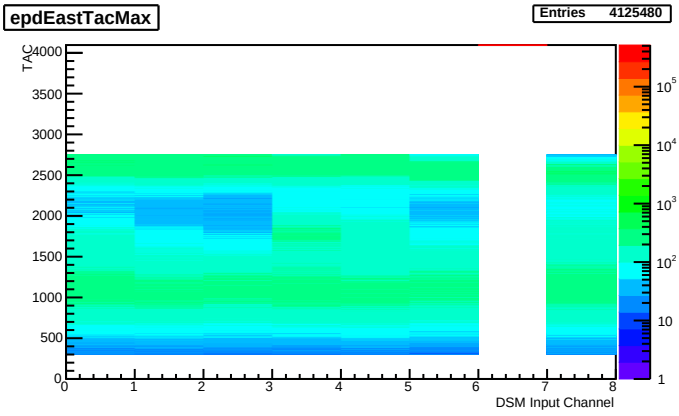

bbcSmallEastTacMaxVsSimu
Entries 330140
Data
Simu

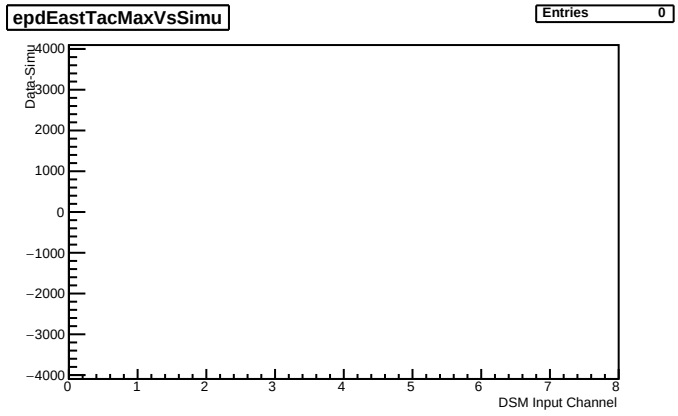

bbcSmallWestAdcSum
Entries 515685

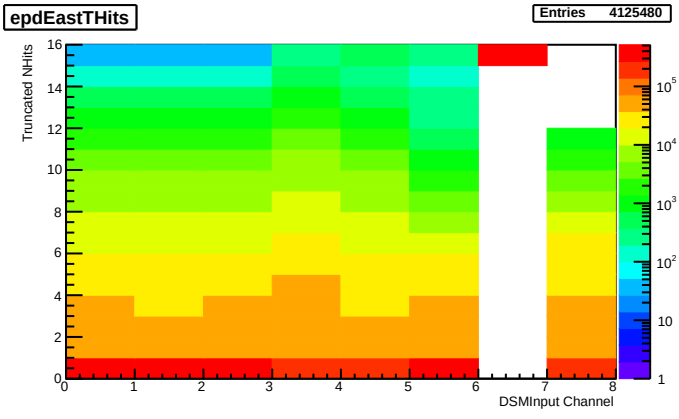

bbcSmallWestAdcSumVsSimu
Entries 434535
Data
Simu

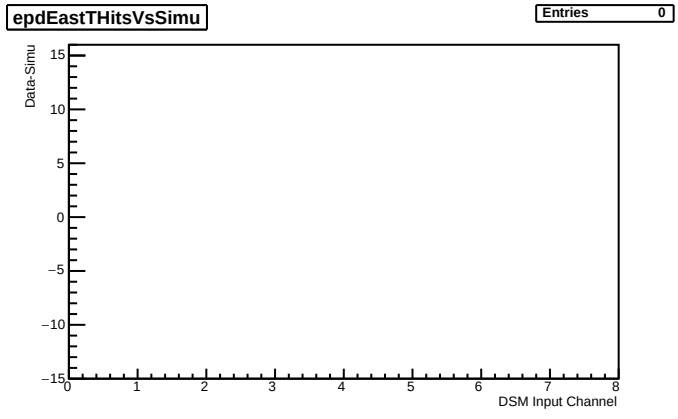

bbcSmallWestTacMax
Entries 515685

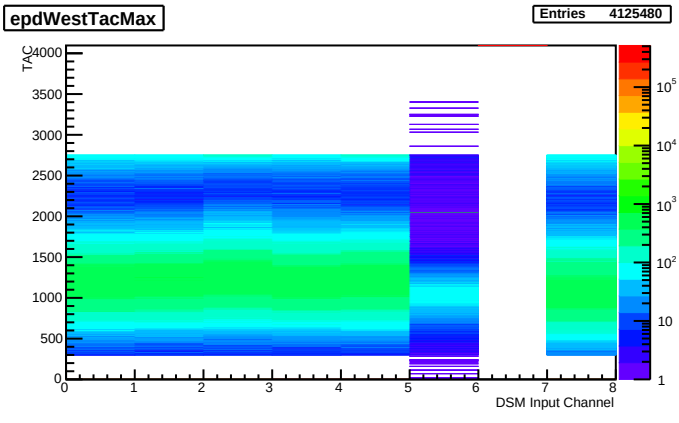

bbcSmallWestTacMaxVsSimu
Entries 434535
Data
Simu

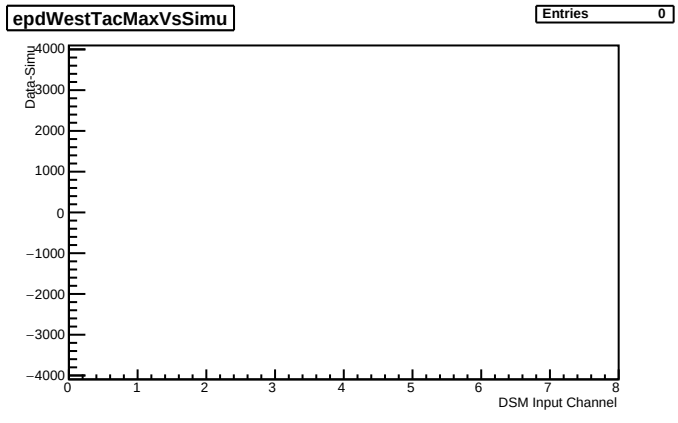

epdEastTacMax
Entries 4125480
TAC
DSM Input Channel

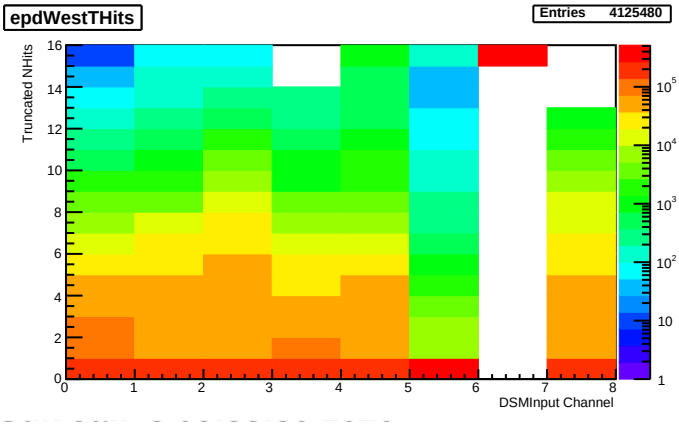

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

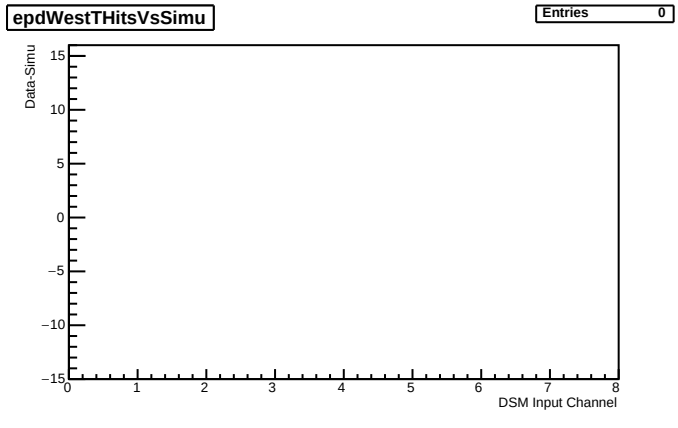

epdEastTHits
Entries 4125480
Truncated NHits
DSMInput Channel

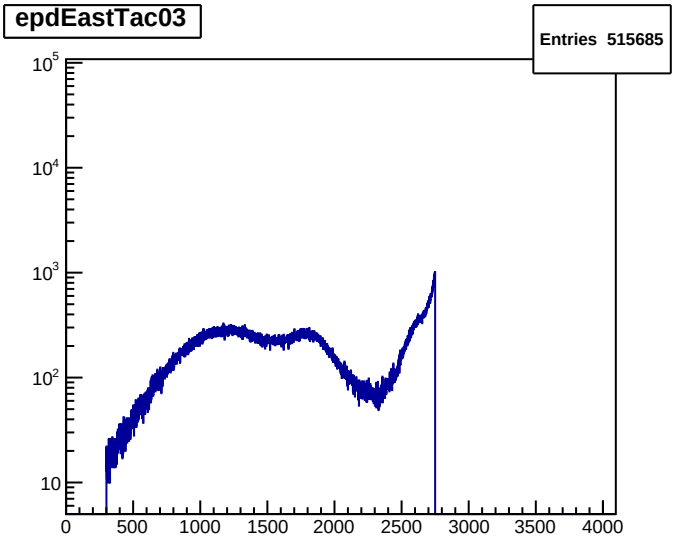

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

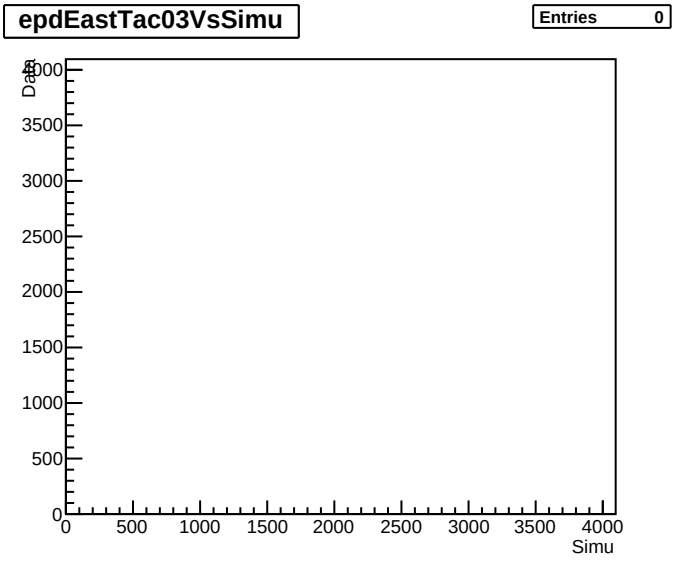

epdWestTacMax
Entries 4125480
TAC
DSM Input Channel

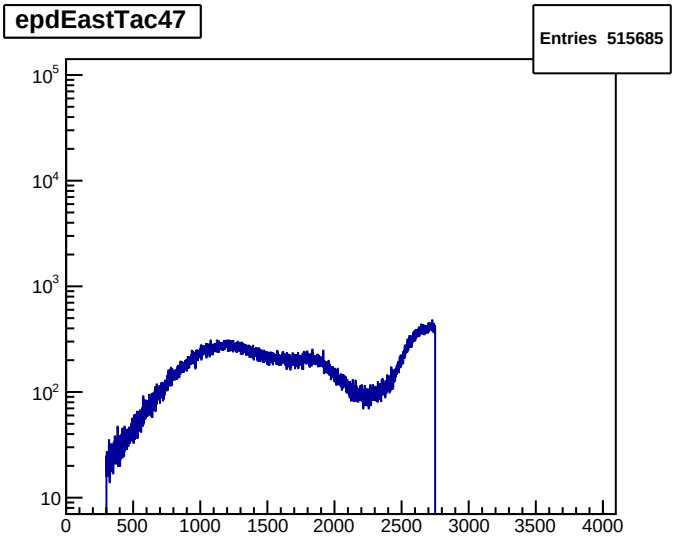

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

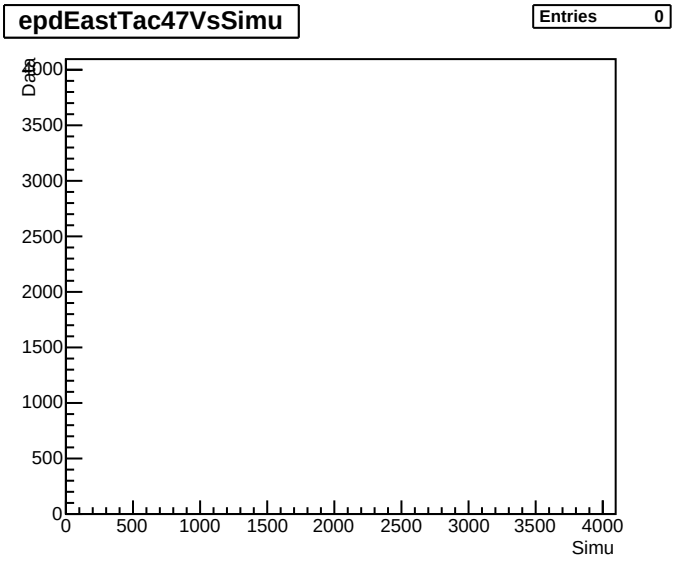

epdWestTHits
Entries 4125480
Truncated NHits
DSMInput Channel

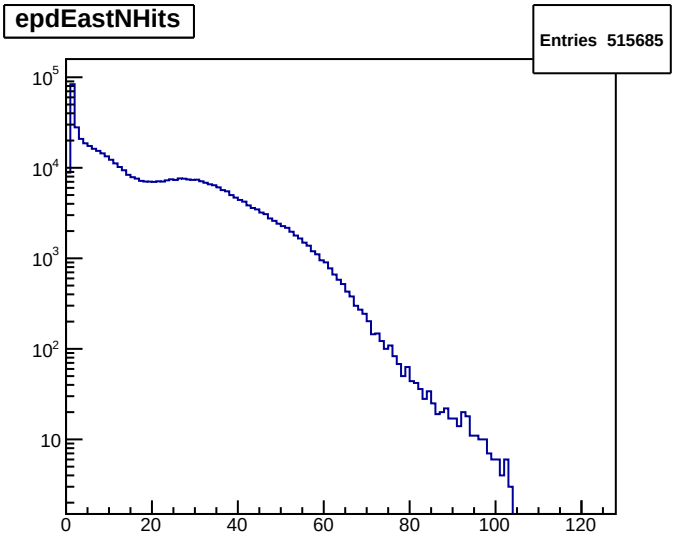

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

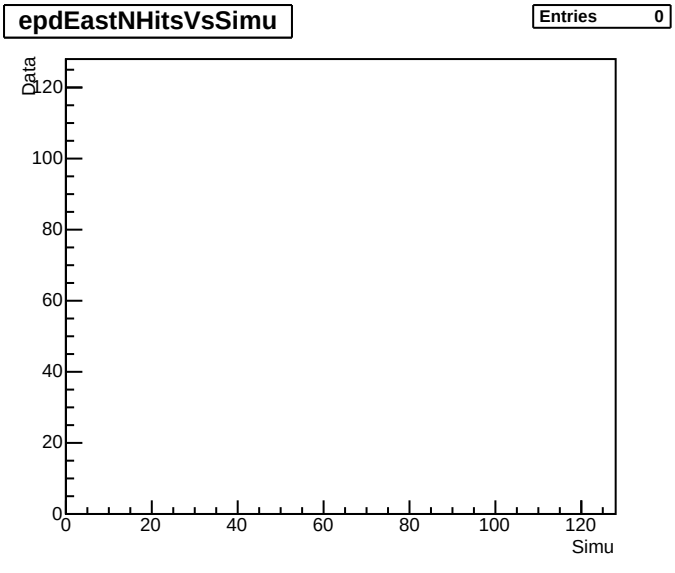

epdEastTac03
Entries 515685

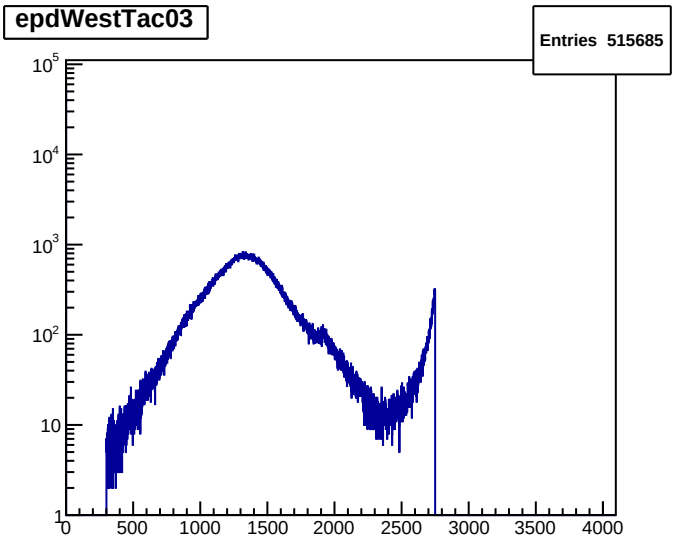

epdEastTac03VsSimu
Entries 0
Data
Simu

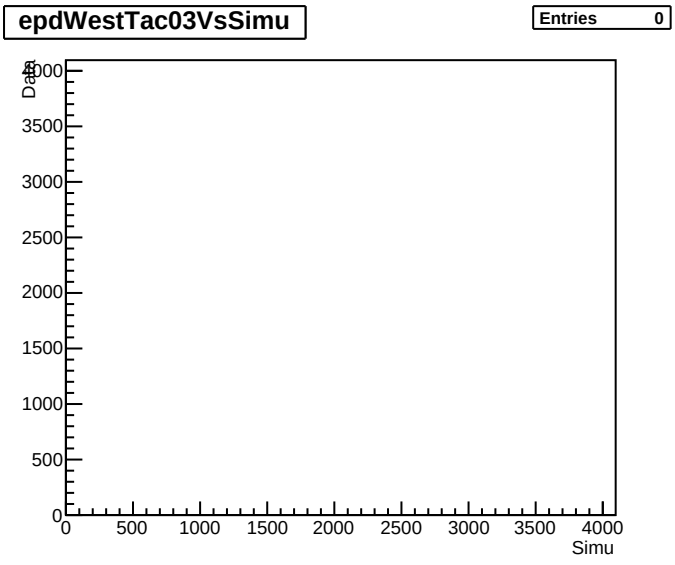

epdEastTac47
Entries 515685

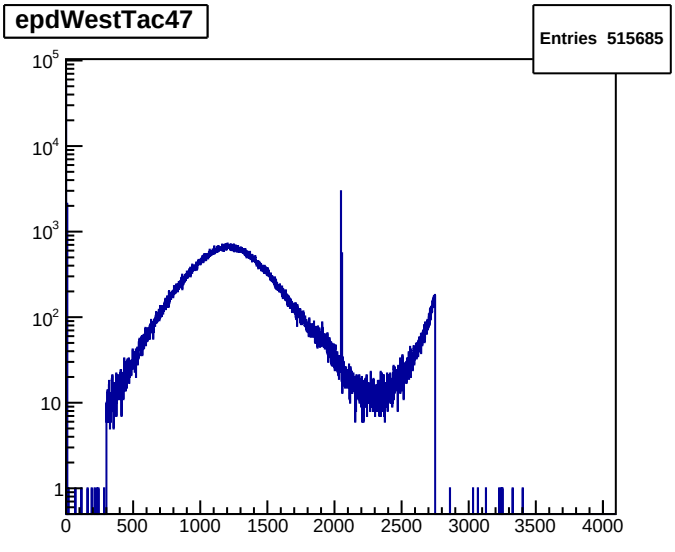

epdEastTac47VsSimu
Entries 0
Data
Simu

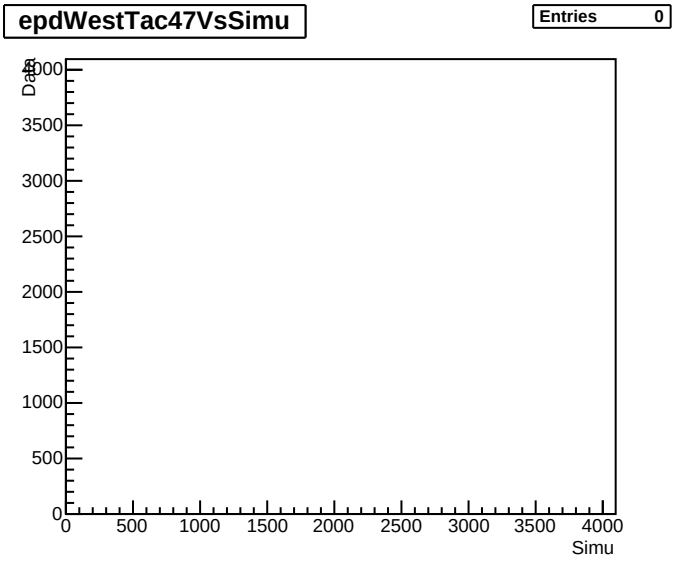

epdEastNHits
Entries 515685

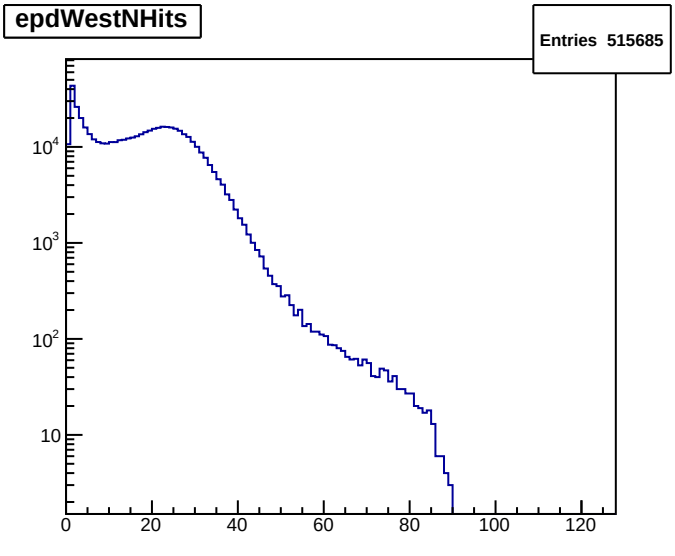

epdEastNHitsVsSimu
Entries 0
Data
Simu

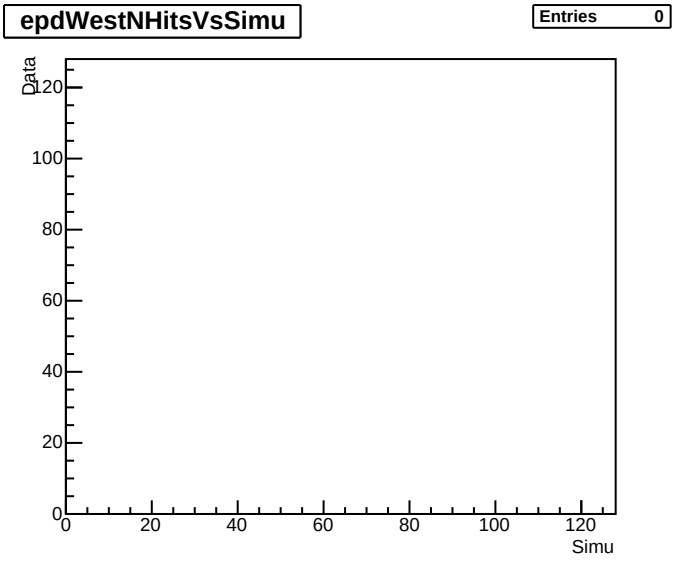

epdWestTac03
Entries 515685

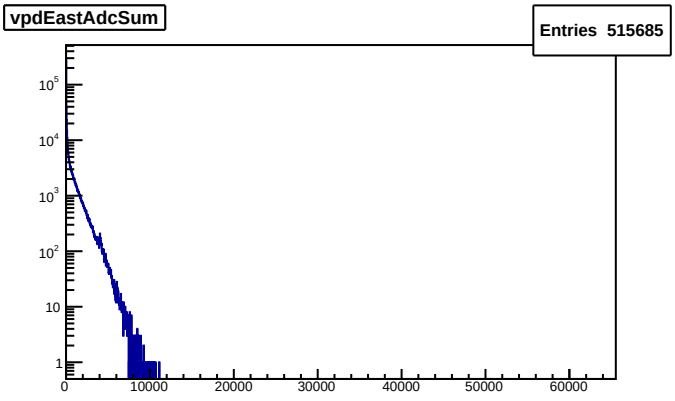

epdWestTac03VsSimu
Entries 0
Data
Simu

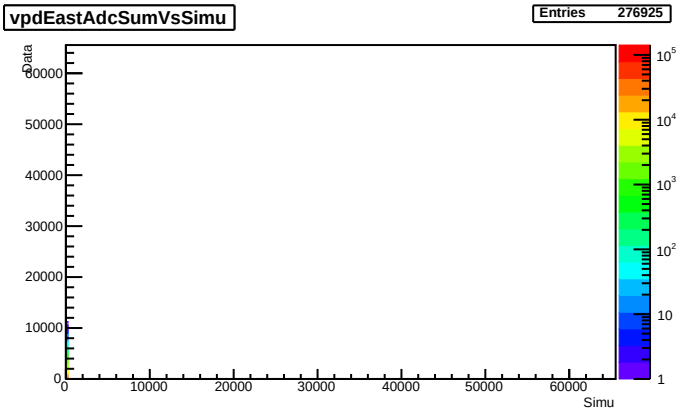

epdWestTac47
Entries 515685

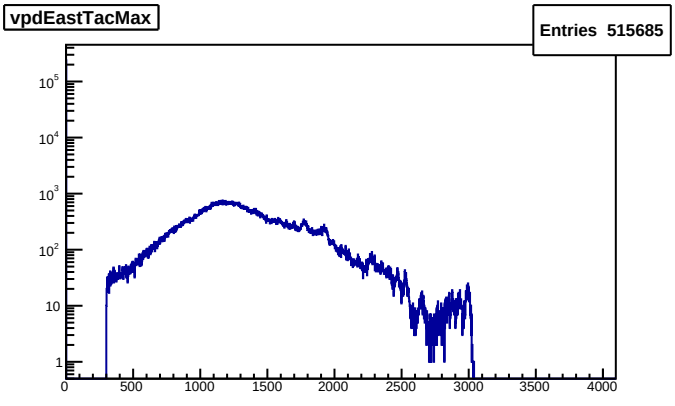

epdWestTac47VsSimu
Entries 0
Data
Simu

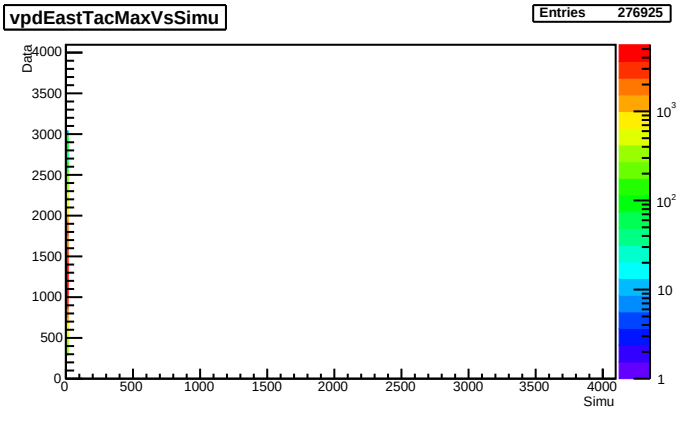

epdWestNHits
Entries 515685

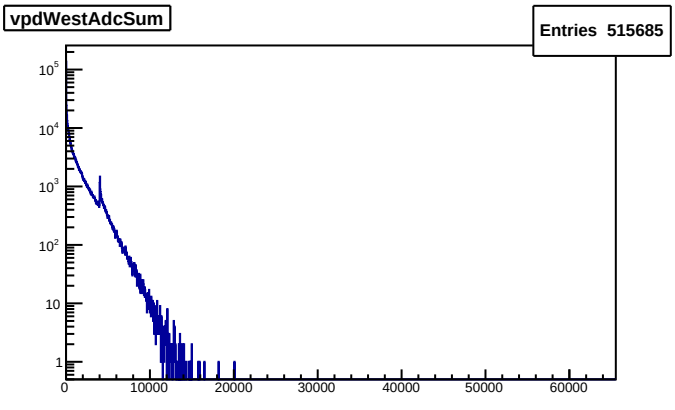

epdWestNHitsVsSimu
Entries 0
Data
Simu

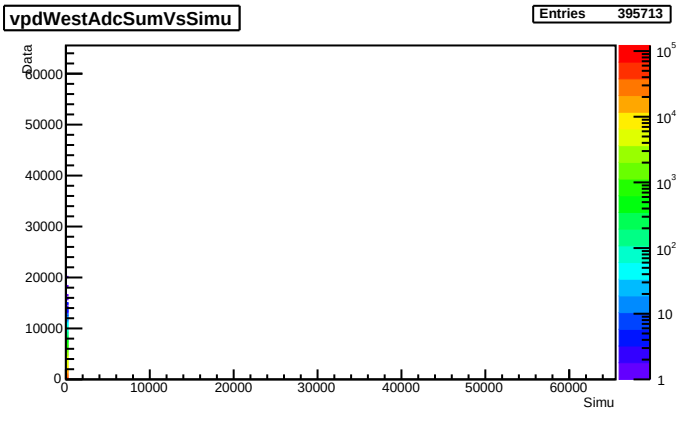

vpdEastAdcSum
Entries 515685

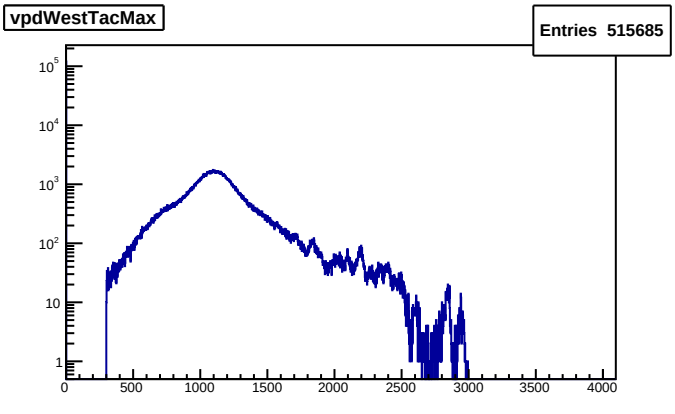

vpdEastAdcSumVsSimu
Entries 276925
Data
Simu

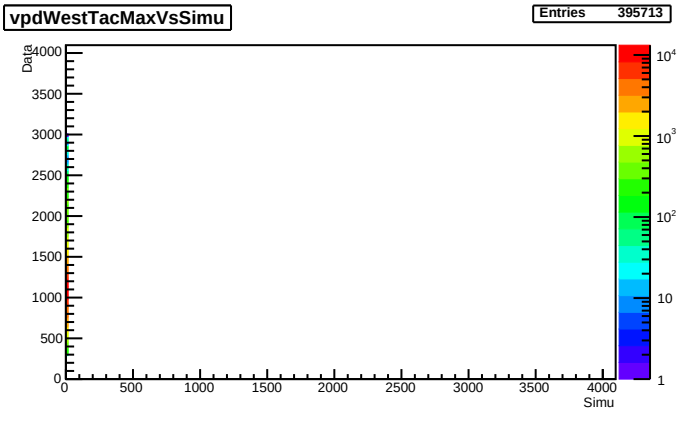

vpdEastTacMax
Entries 515685

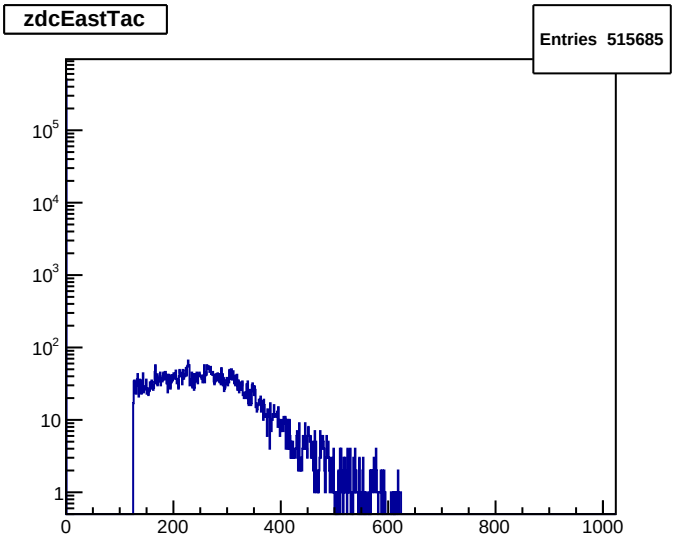

vpdEastTacMaxVsSimu
Entries 276925
Data
Simu

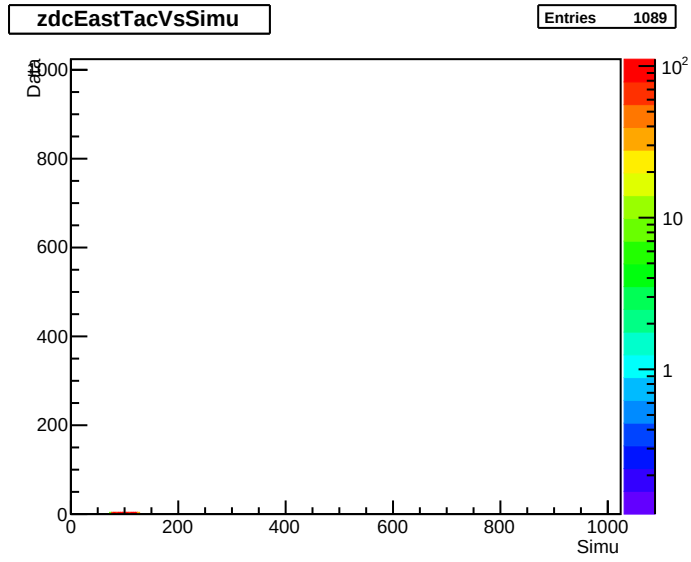

vpdWestAdcSum
Entries 515685

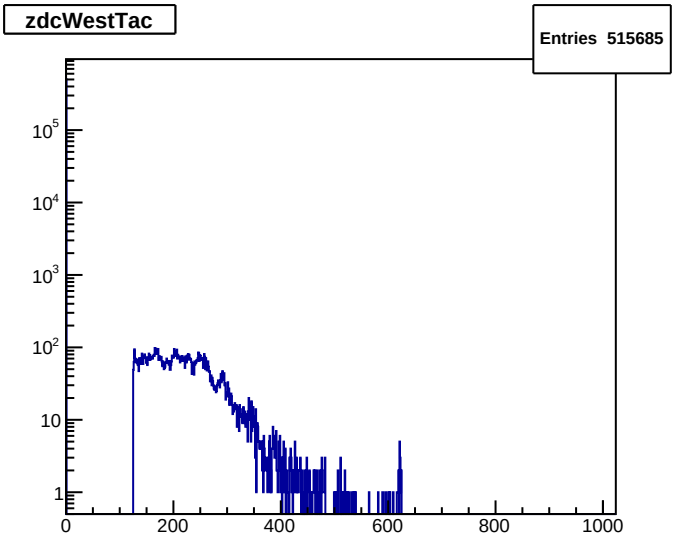

vpdWestAdcSumVsSimu
Entries 395713
Data
Simu

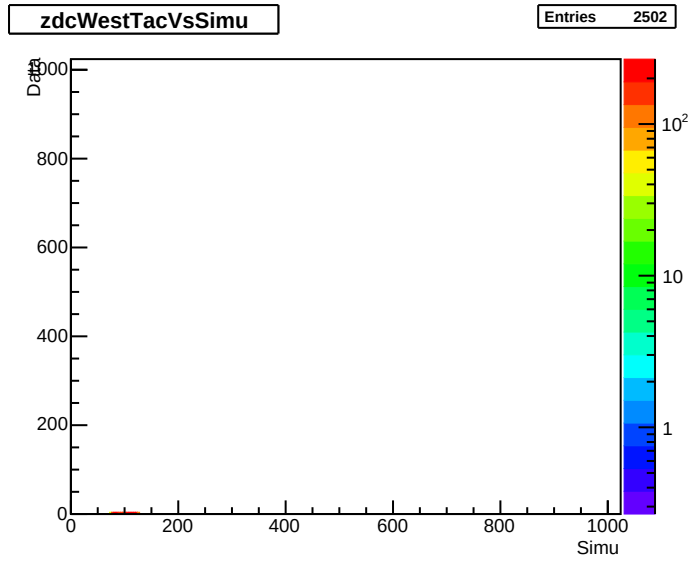

vpdWestTacMax
Entries 515685

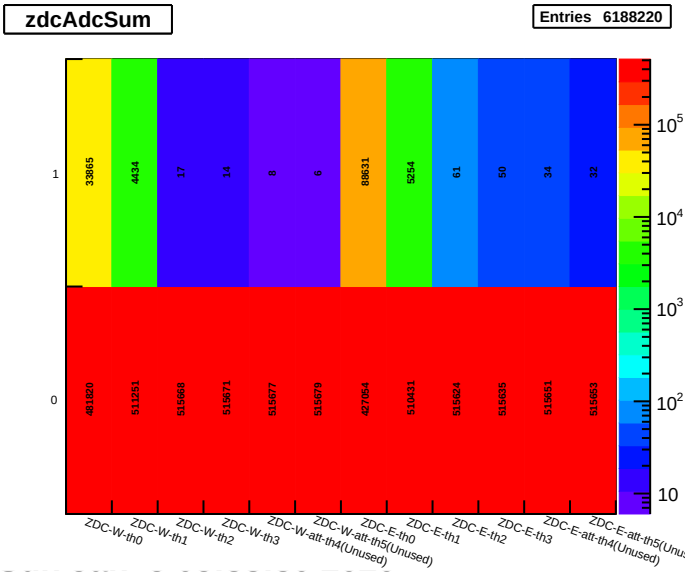

vpdWestTacMaxVsSimu
Entries 395713
Data
Simu

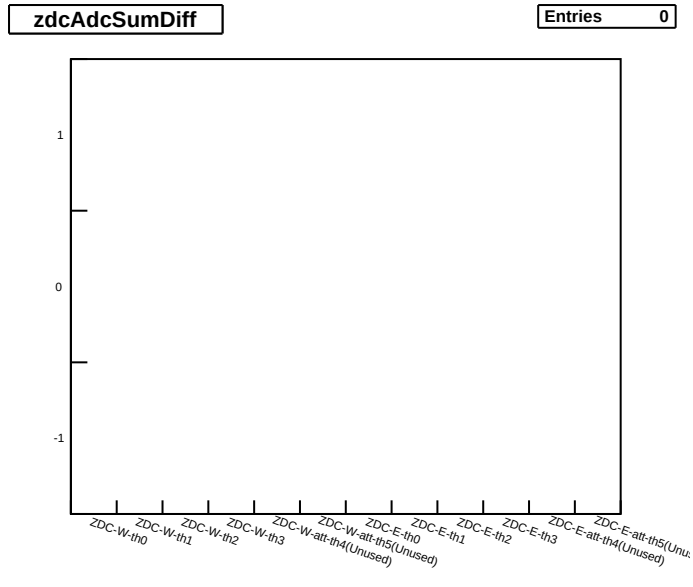

zdcEastTac
Entries 515685

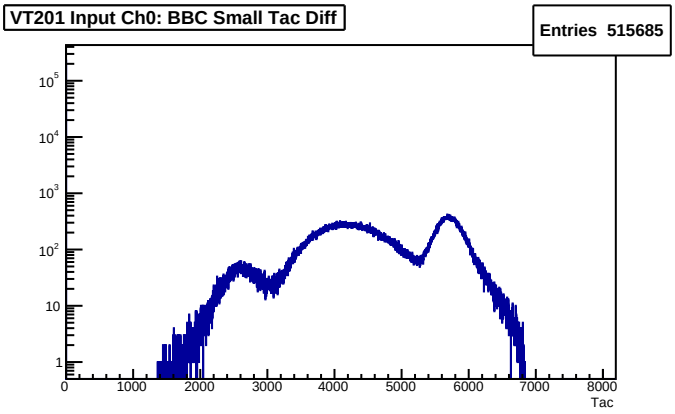

zdcEastTacVsSimu
Entries 1089
Data
Simu

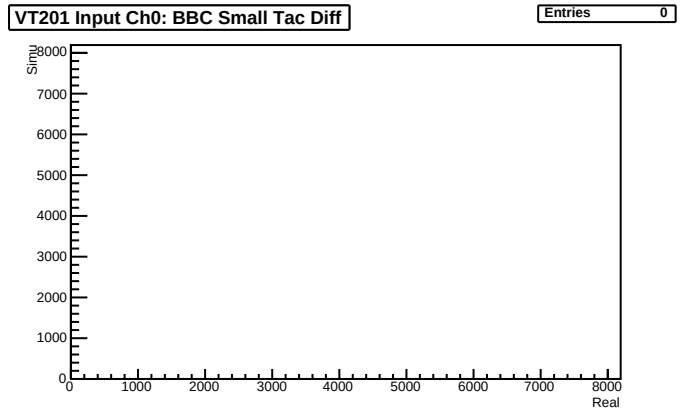

zdcWestTac
Entries 515685

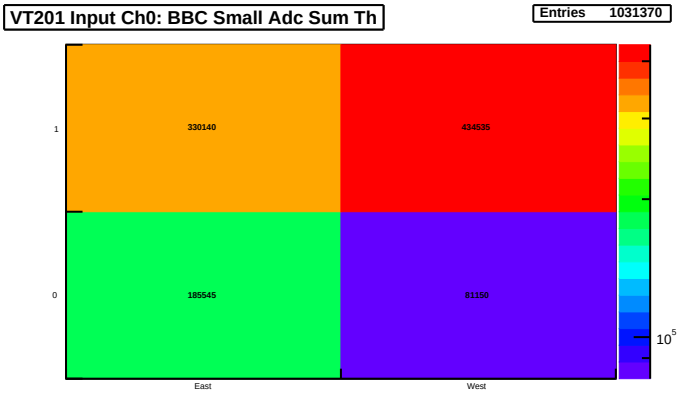

zdcWestTacVsSimu
Entries 2502
Data
Simu

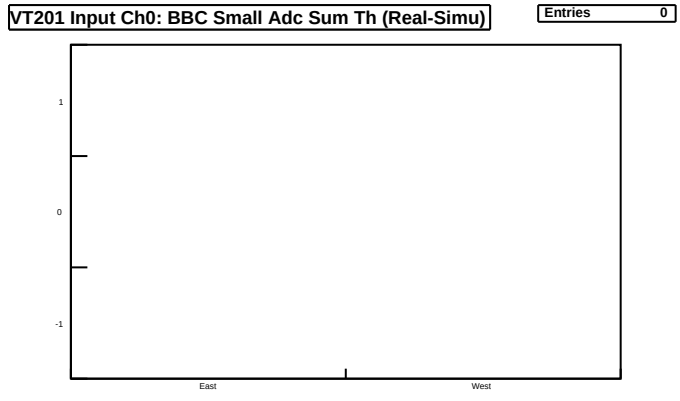

zdcAdcSum
Entries 6188220
33865
4434
17
14
8
6
88631
5254
61
50
34
32
481820
511251
515668
519671
515677
515679
427054
510431
515624
515635
519651
515653
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

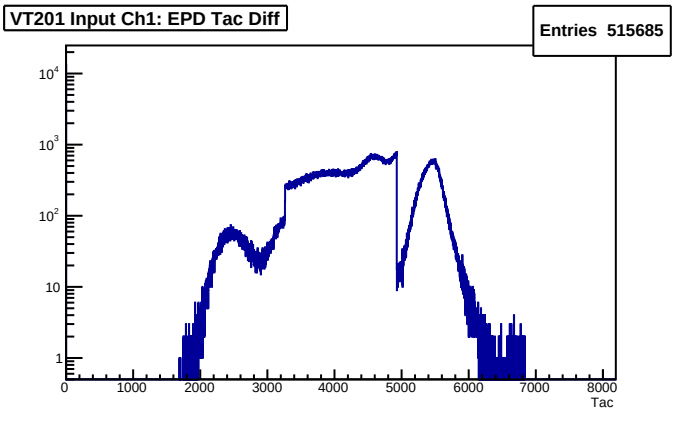

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

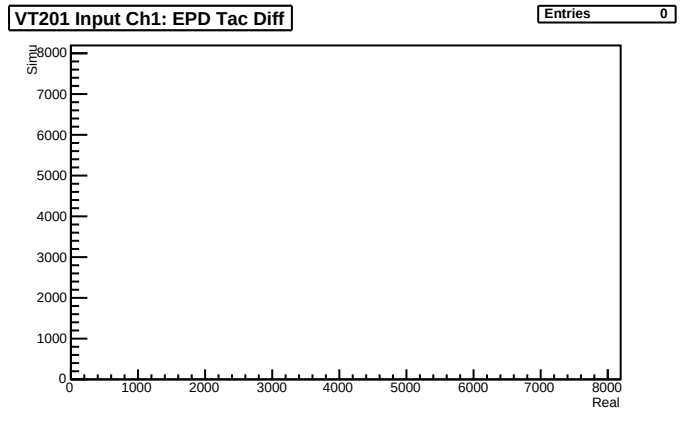

VT201 Input Ch0: BBC Small Tac Diff
Entries 515685
Tac

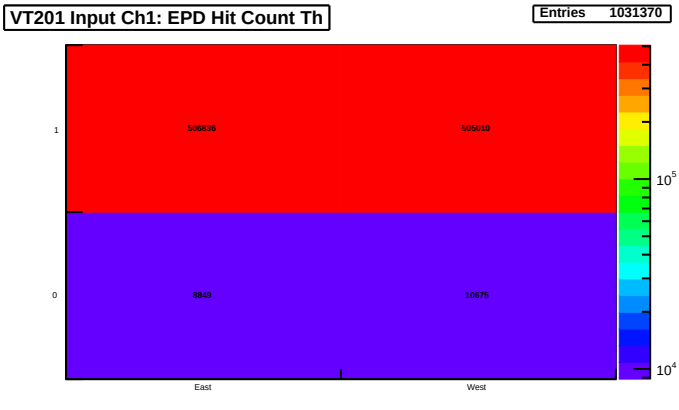

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

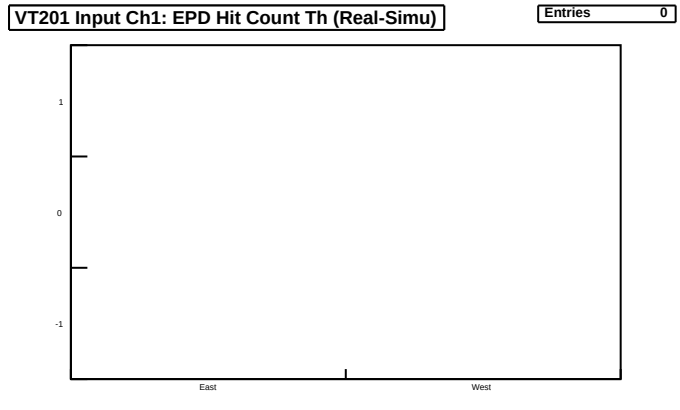

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1031370
330140
434535
185545
81150
East
West

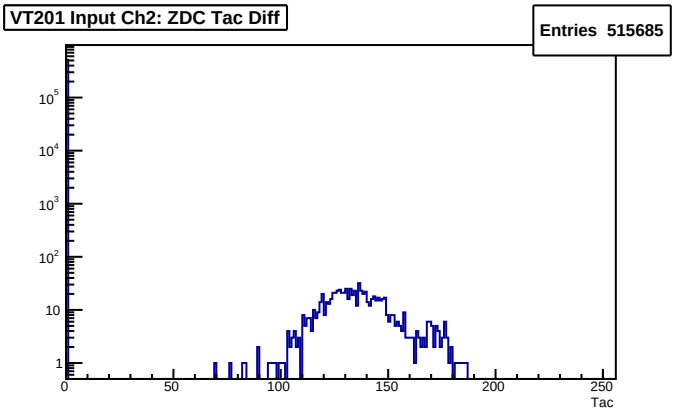

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

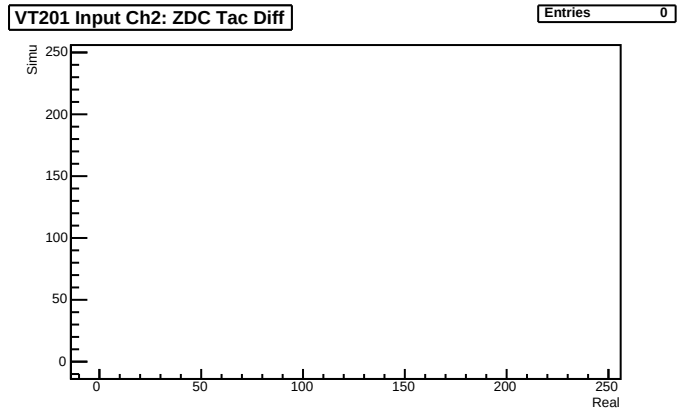

VT201 Input Ch1: EPD Tac Diff
Entries 515685
Tac

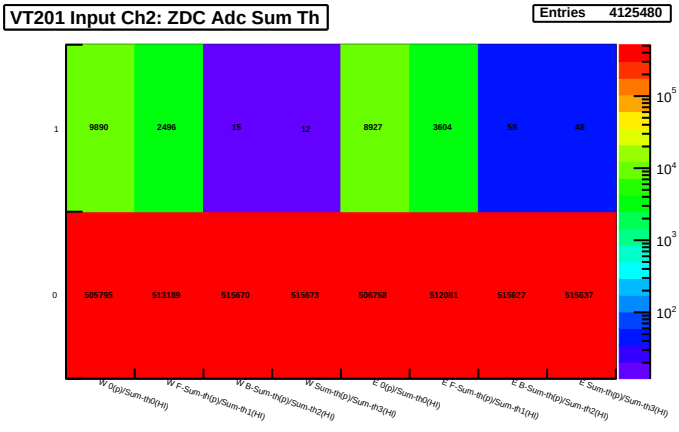

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

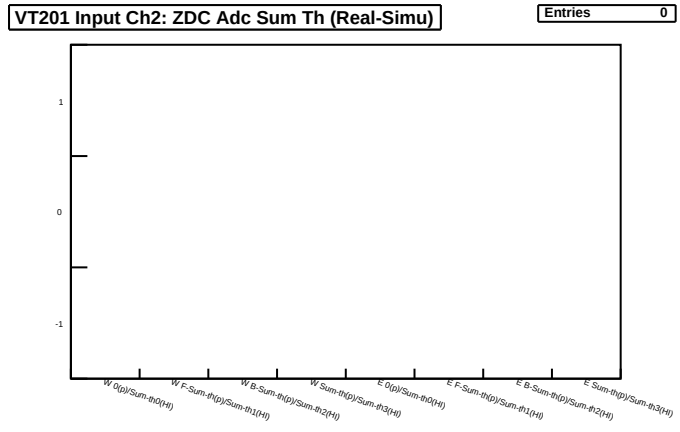

VT201 Input Ch1: EPD Hit Count Th
Entries 1031370
506836
505010
8849
10675
East
West

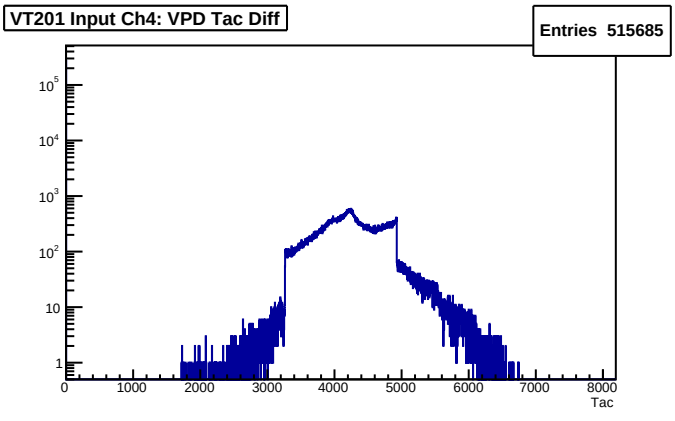

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

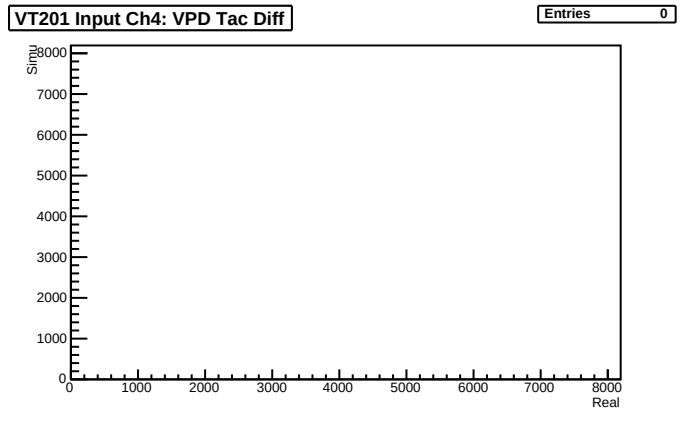

VT201 Input Ch2: ZDC Tac Diff
Entries 515685
Tac

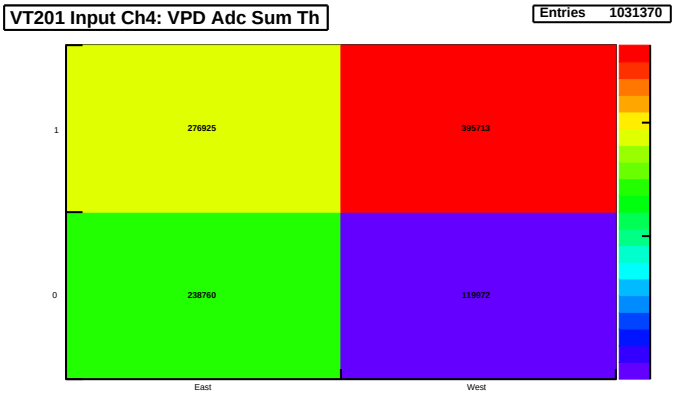

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

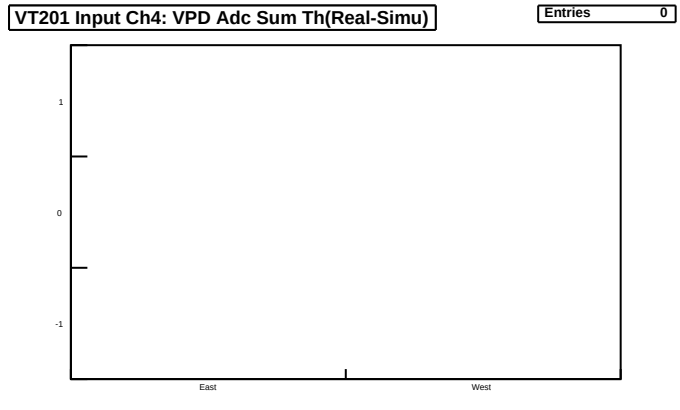

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4125480
9890
2496
15
12
8927
3604
58
48
505795
513189
515670
515673
506758
512081
515627
515637
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

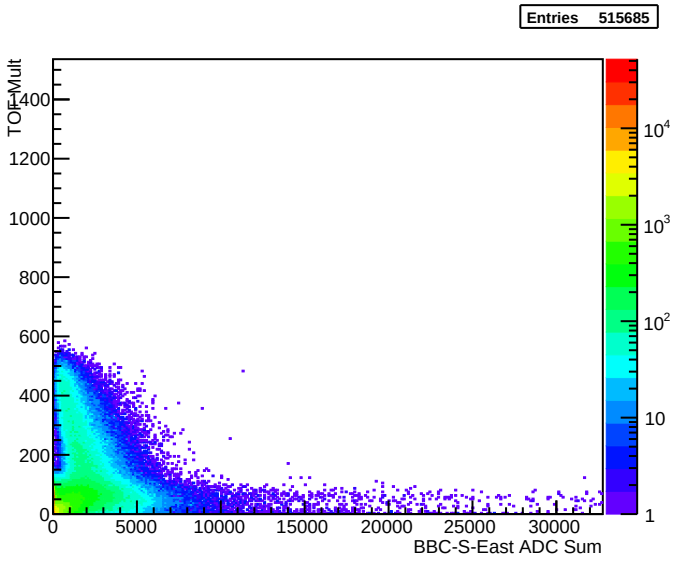

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

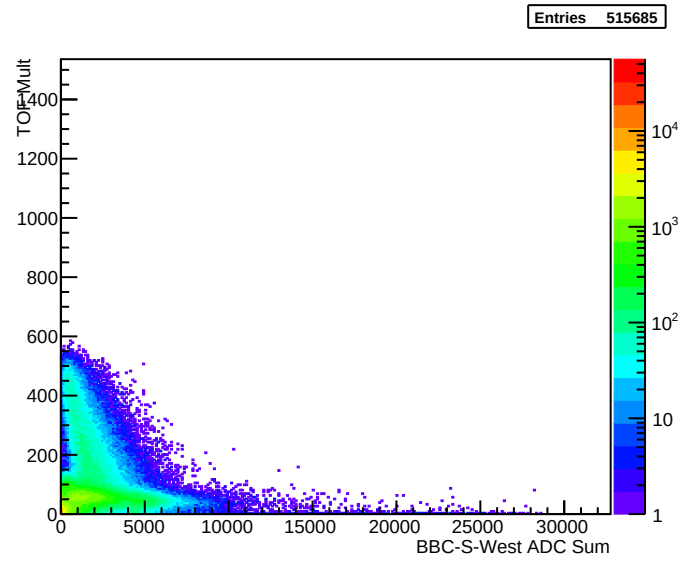

VT201 Input Ch4: VPD Tac Diff
Entries 515685
Tac

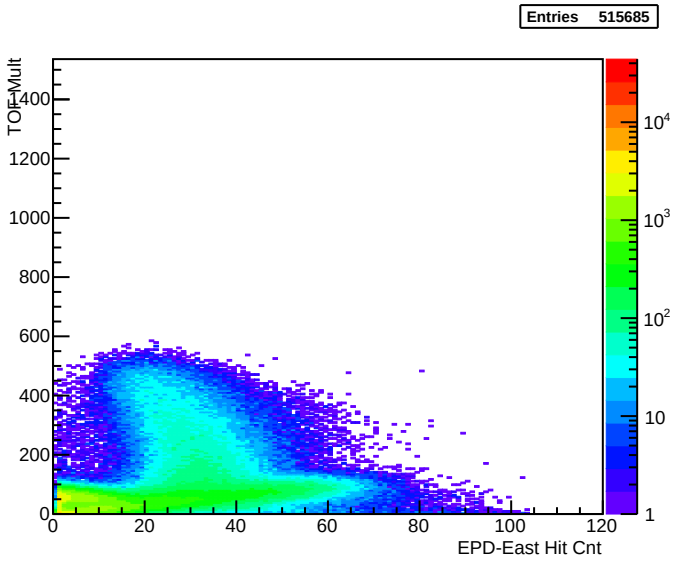

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

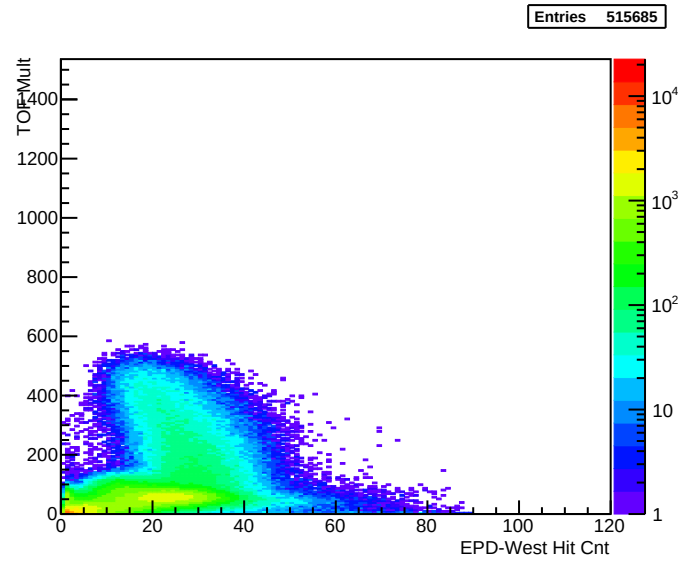

VT201 Input Ch4: VPD Adc Sum Th
Entries 1031370
270925
395713
238760
119972
East
West

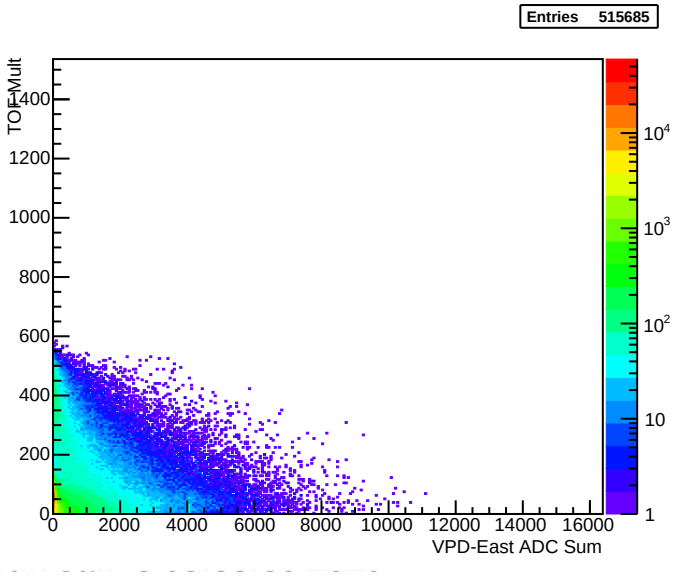

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

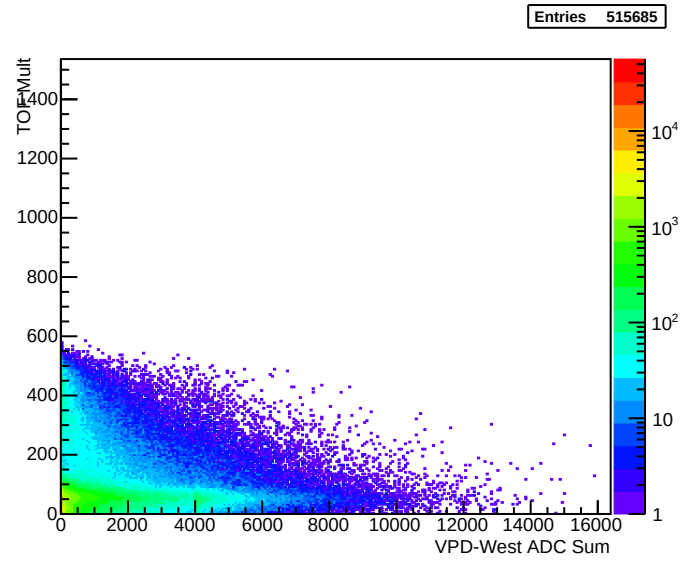

Entries 515685
TOF-Mult
BBC-S-East ADC Sum

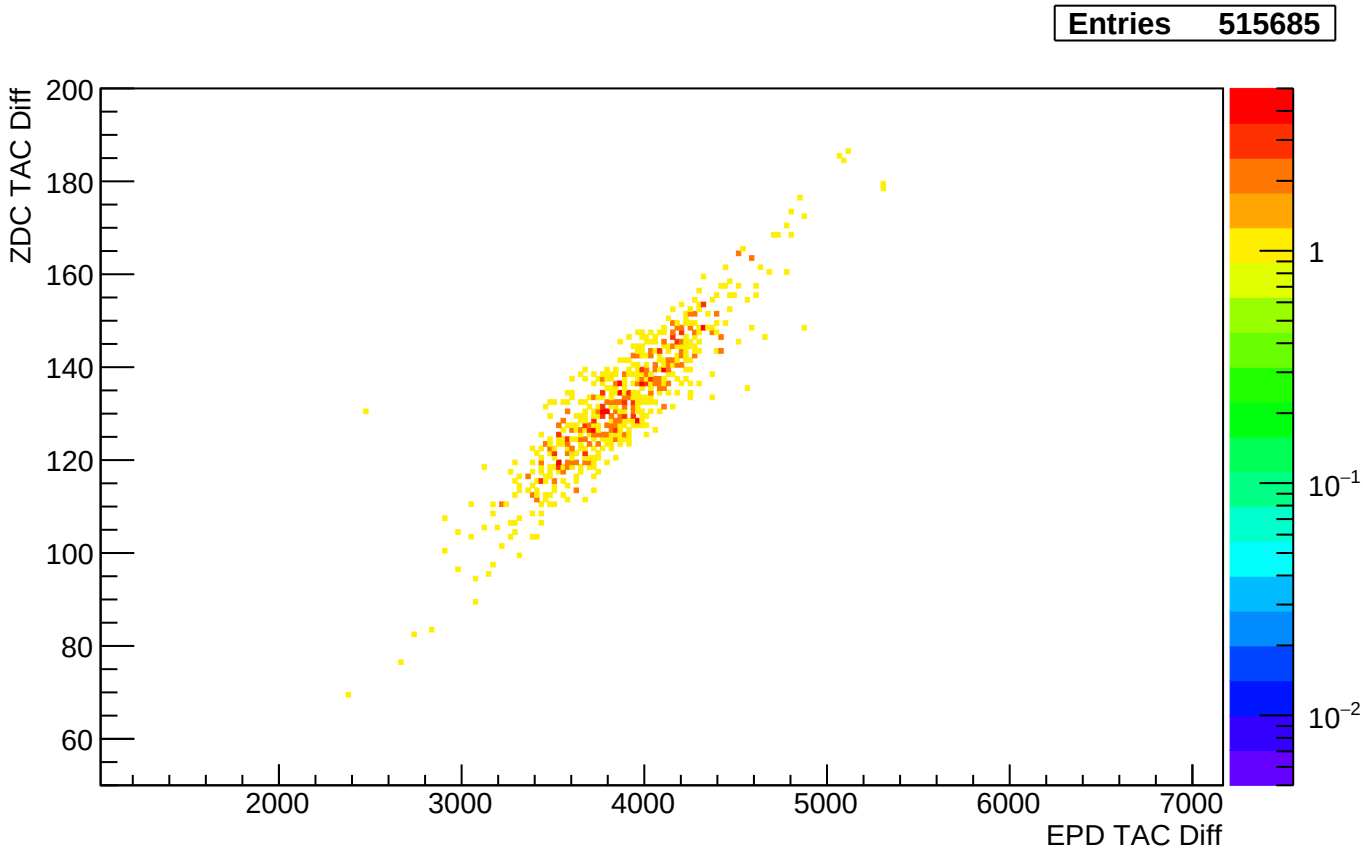

Entries 515685
TOF-Mult
BBC-S-West ADC Sum

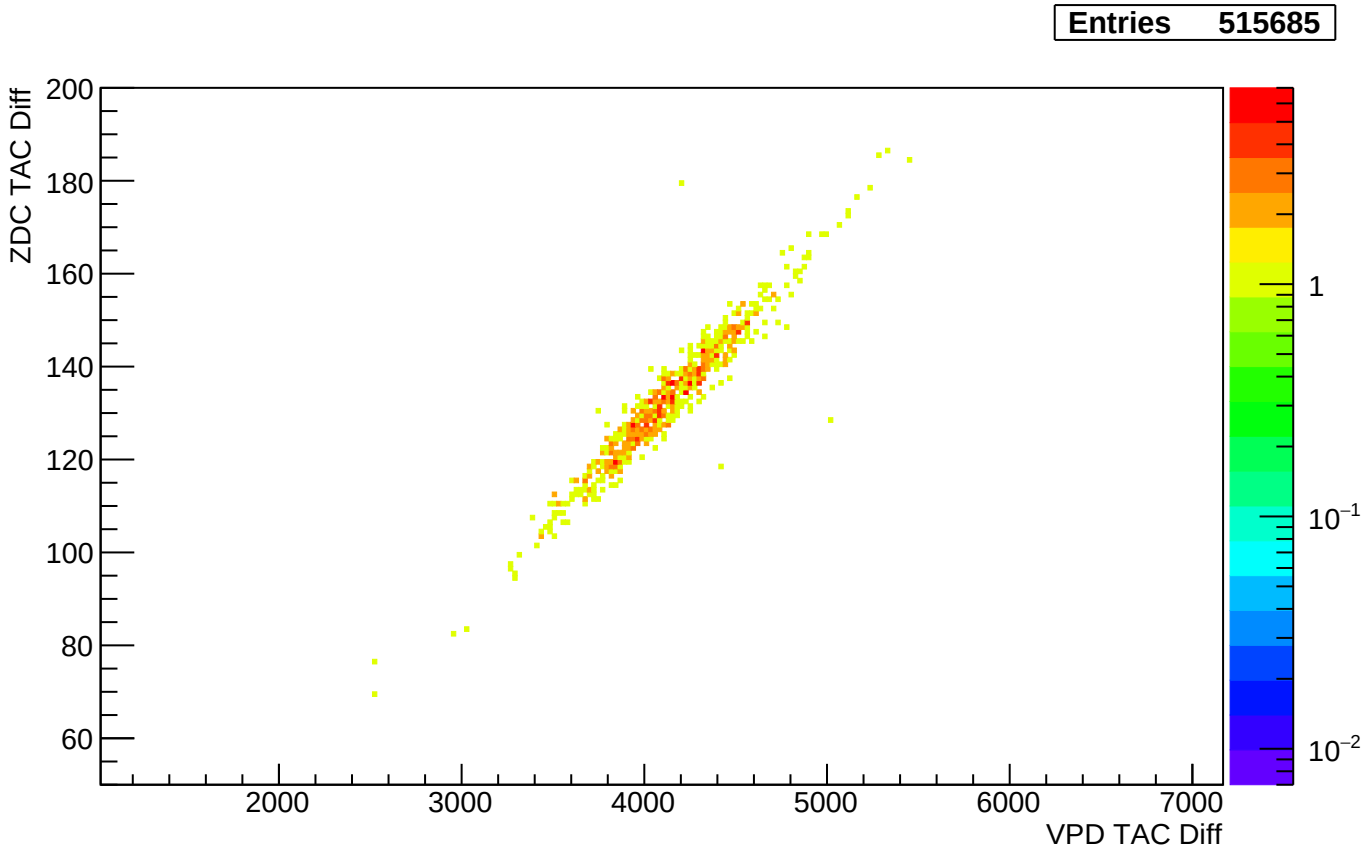

Entries 515685
TOF-Mult
EPD-East Hit Cnt

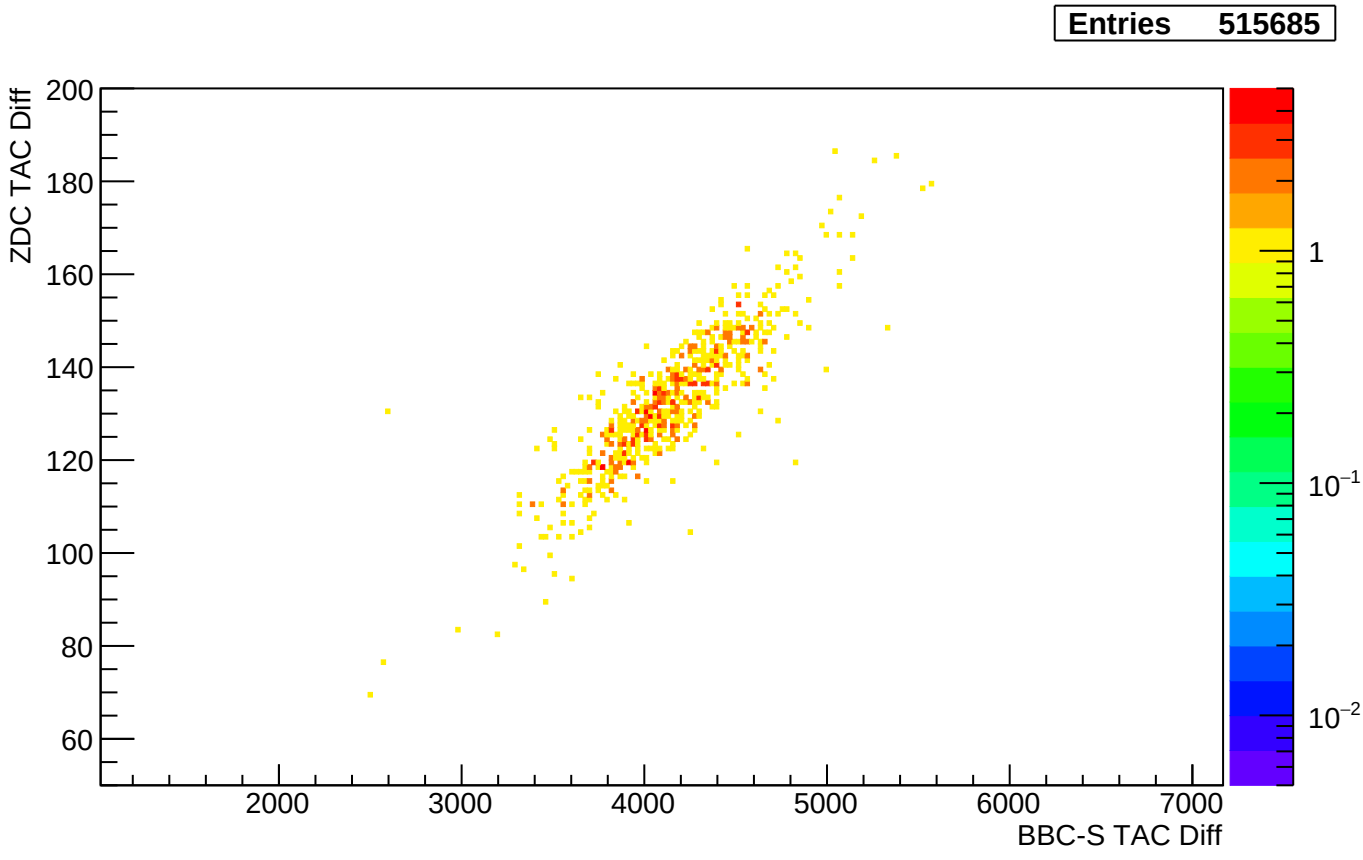

Entries 515685
TOF-Mult
EPD-West Hit Cnt

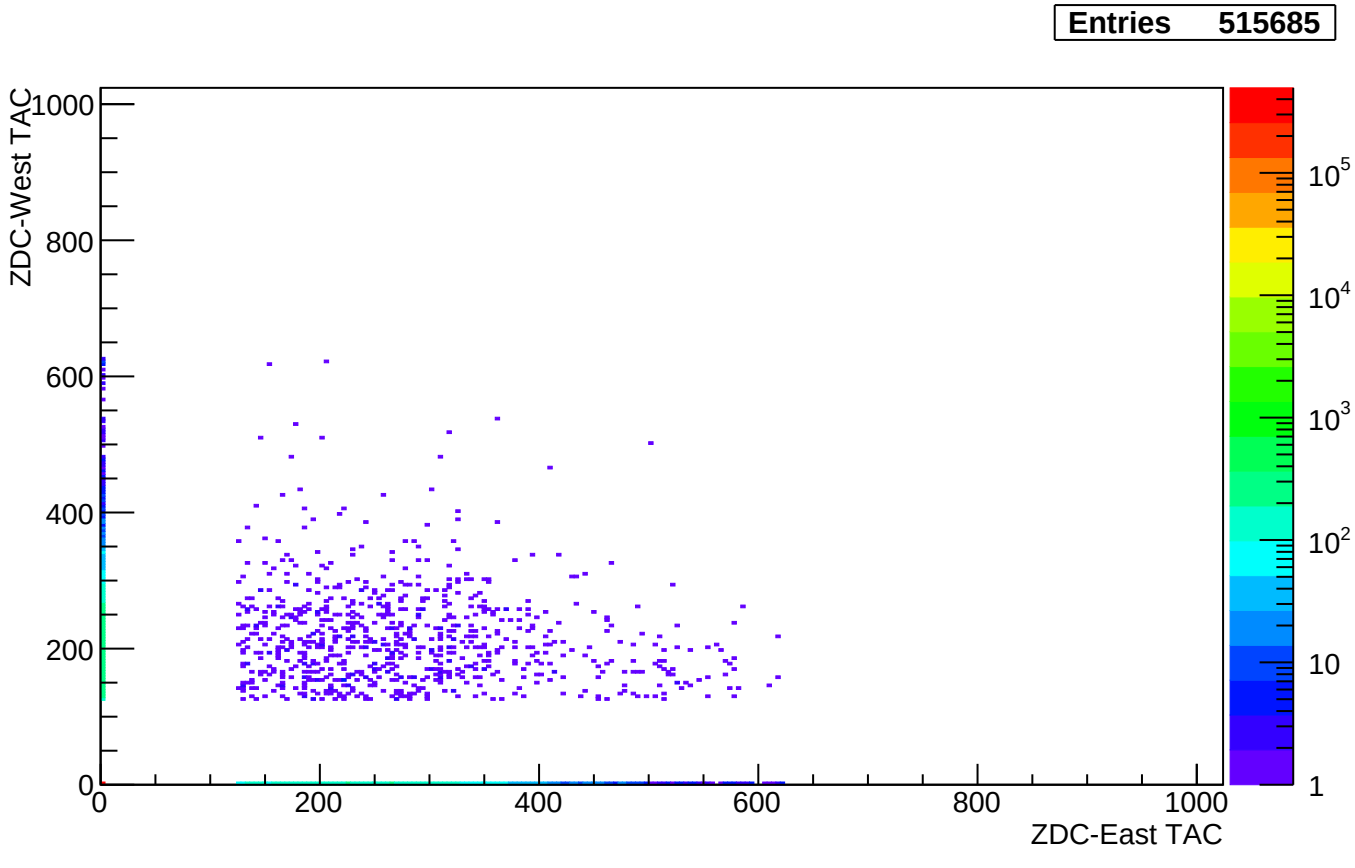

Entries 515685
TOF-Mult
VPD-East ADC Sum

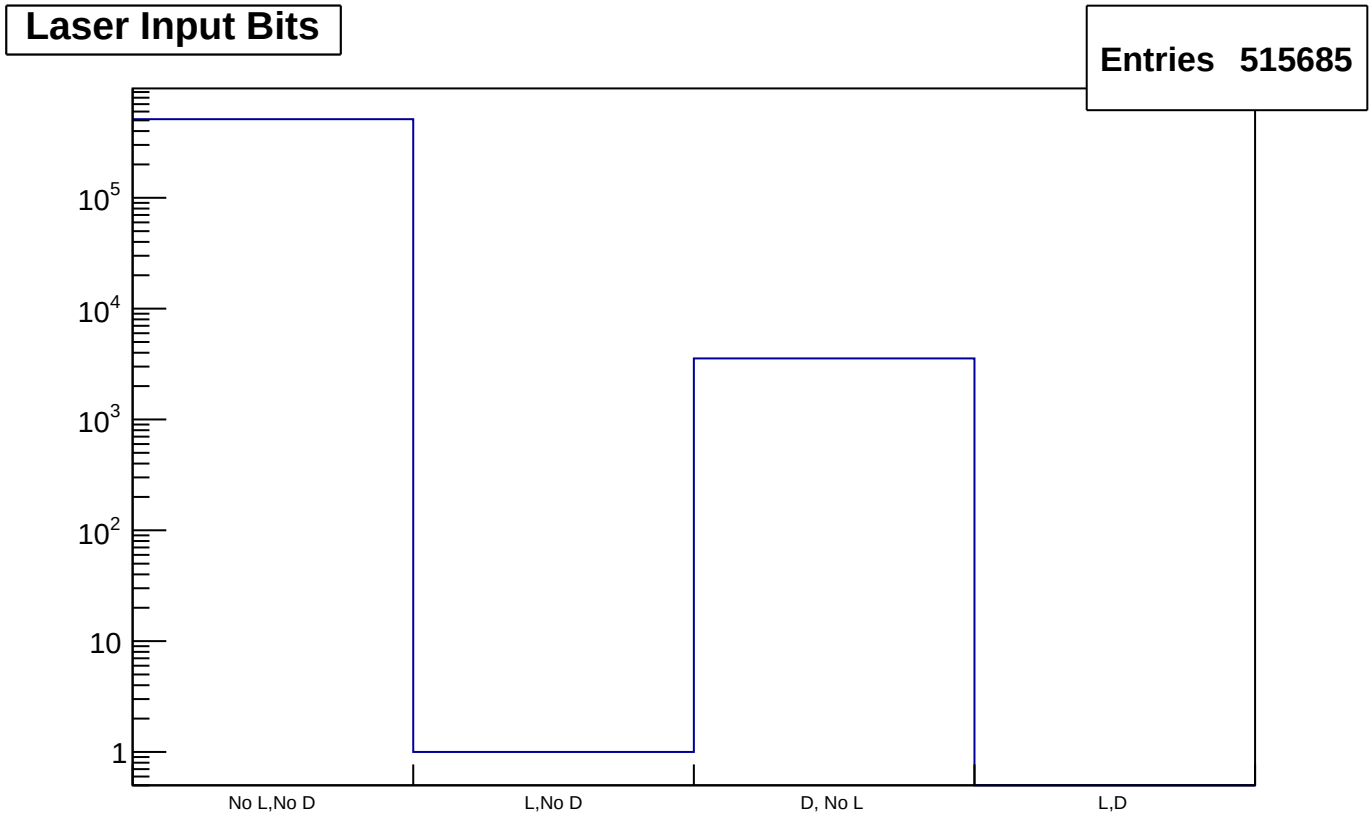

Entries 515685
TOF-Mult
VPD-West ADC Sum

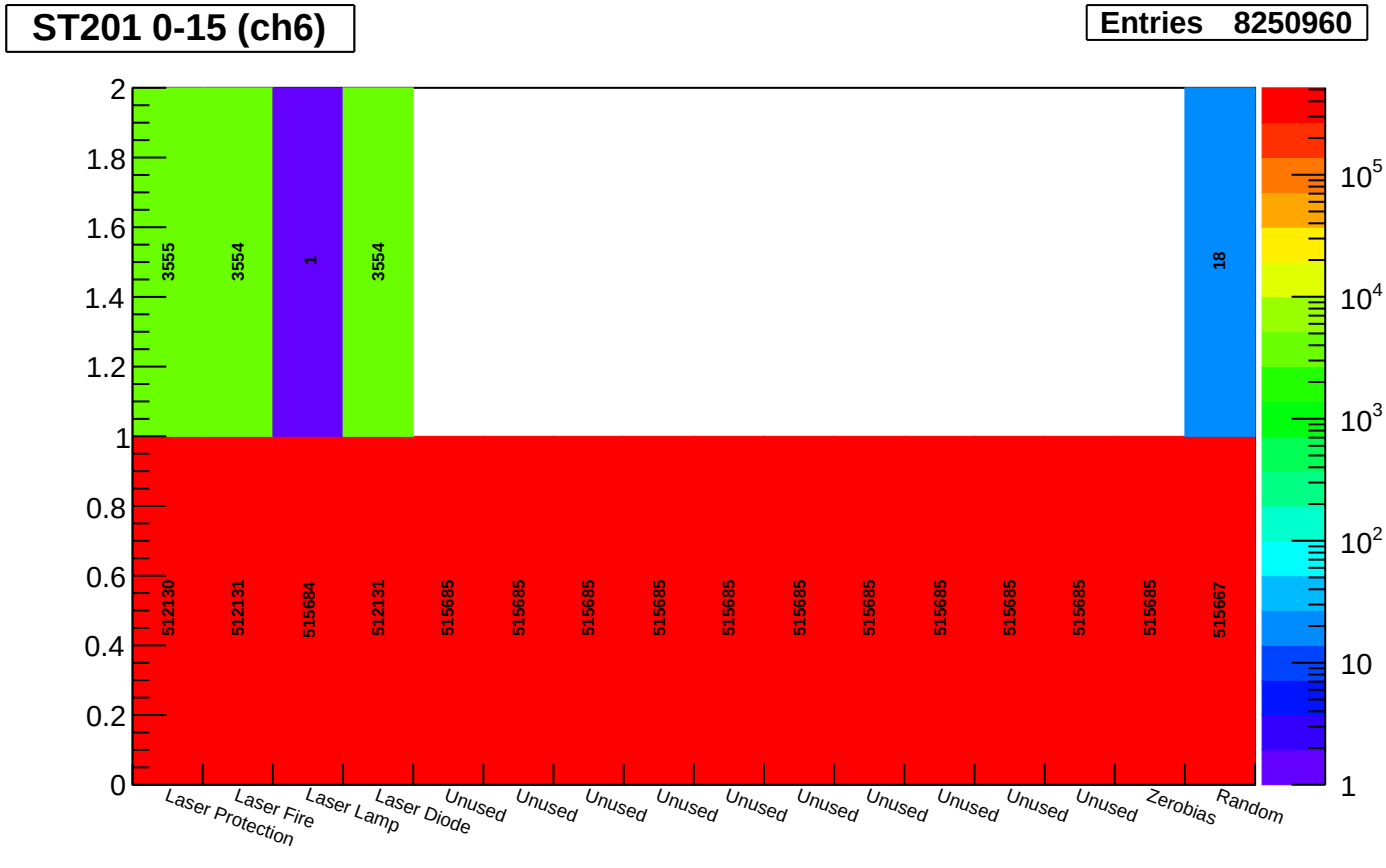

Entries 515685
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

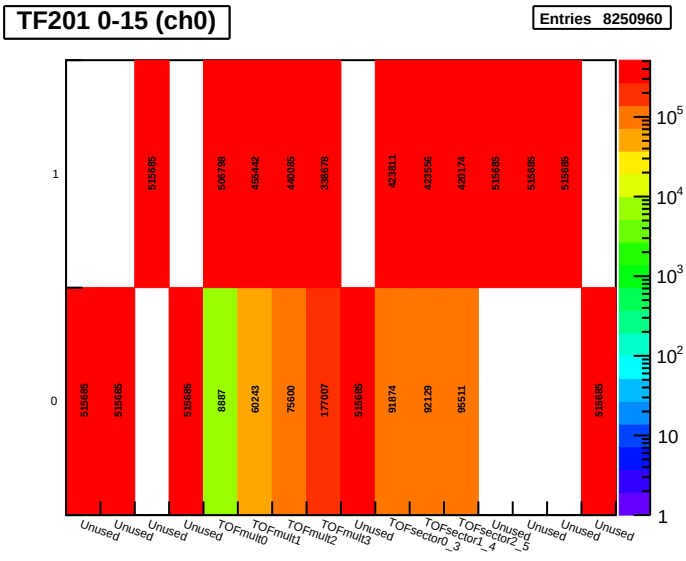

Entries 515685
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

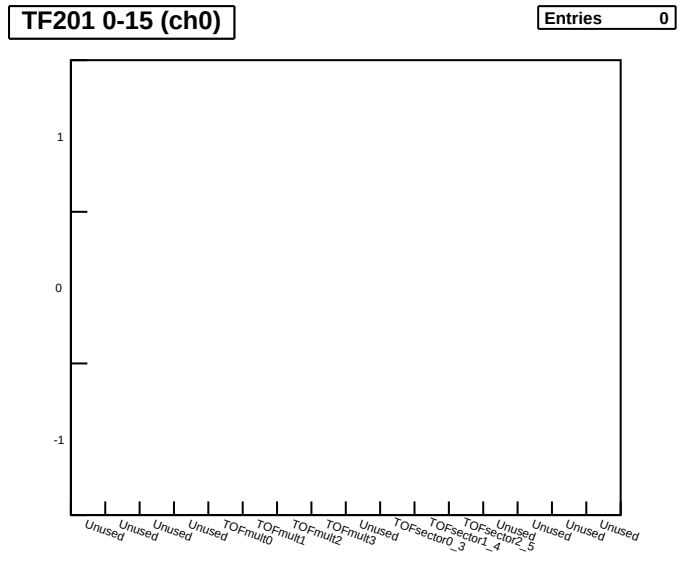

Entries 515685
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

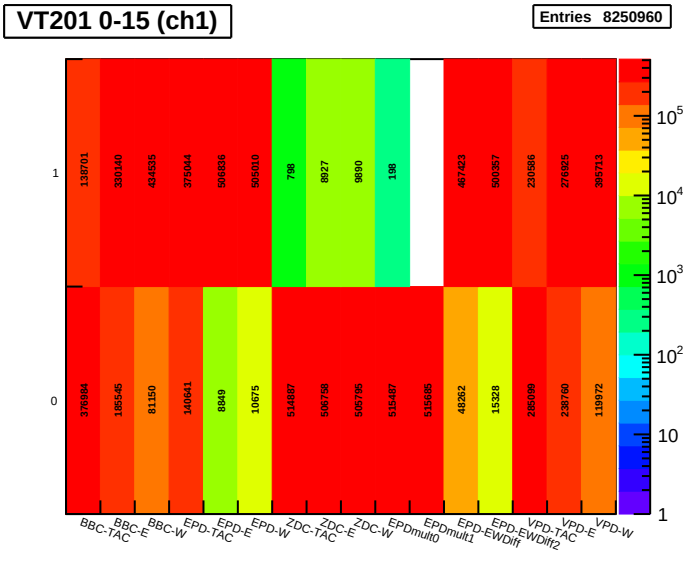

Entries 515685
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

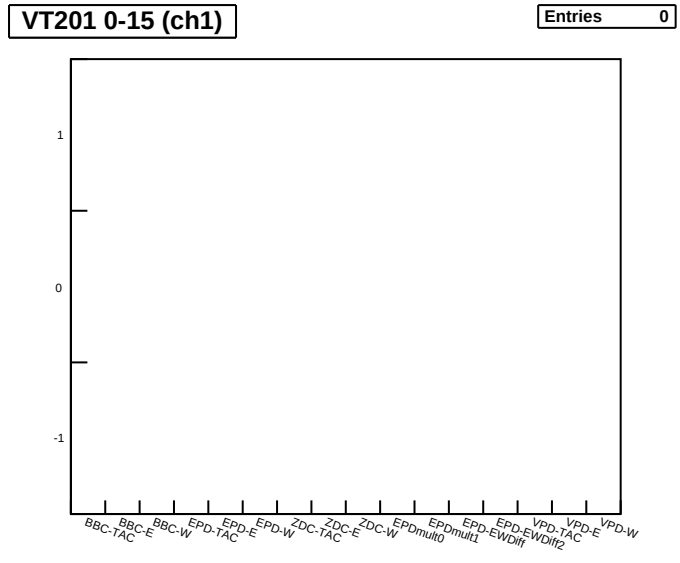

Laser Input Bits
Entries 515685
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

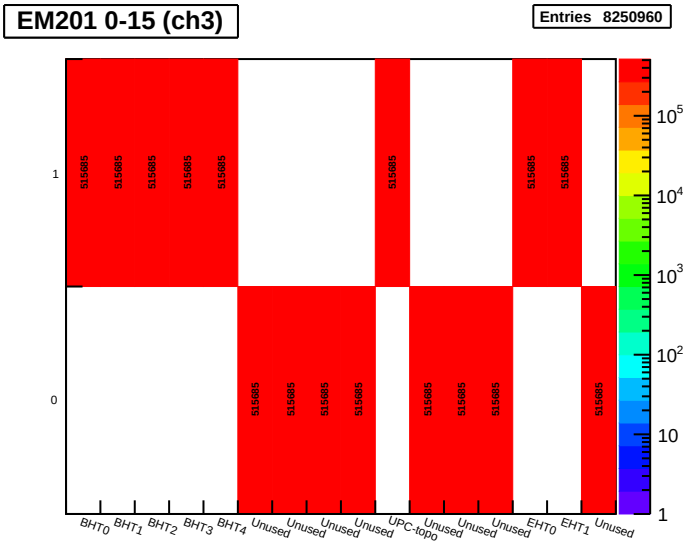

ST201 0-15 (ch6)
Entries 8250960
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3555
3554
1
3554
18
512130
512131
515684
512131
515685
515685
515685
515685
515685
515685
515685
515685
515685
515685
515685
515667
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

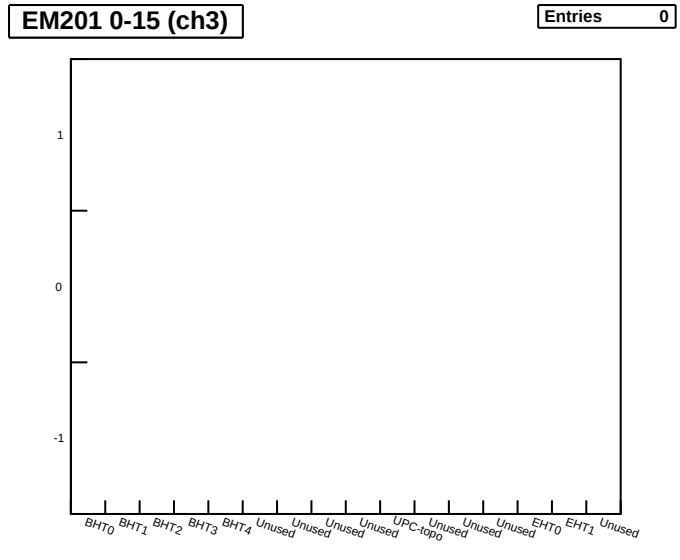

TF201 0-15 (ch0)
Entries 8250960
1
0
515685 515685 515685 506798 495442 440085 338678 423811 423556 420174 515685 515685 515685
515685 515685 515685 8887 60243 75600 177007 515685 91874 92129 95511 515685
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 8250960
1
0
138701 330140 434535 375044 506836 505010 798 8927 9890 198 467423 500357 230586 276925 395713
376984 185545 81150 140641 8849 10675 514887 506758 505795 515487 515685 48262 15328 285099 238760 119972
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 8250960
1
0
515685 515685 515685 515685 515685 515685 515685 515685 515685
515685 515685 515685 515685 515685 515685 515685 515685
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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 Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused