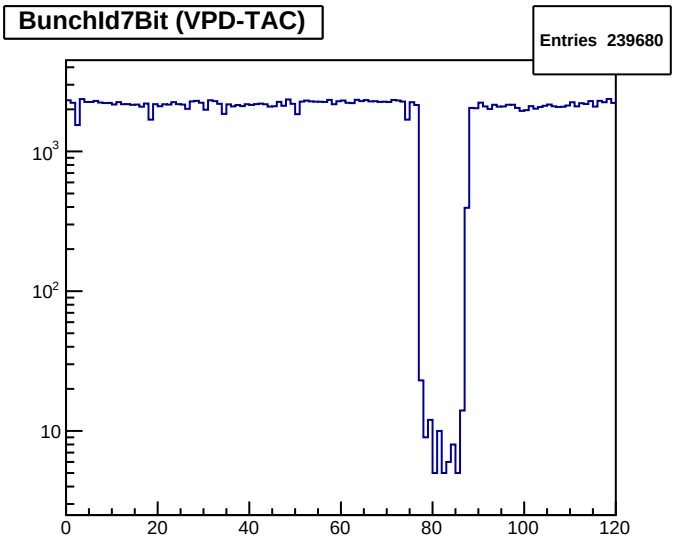
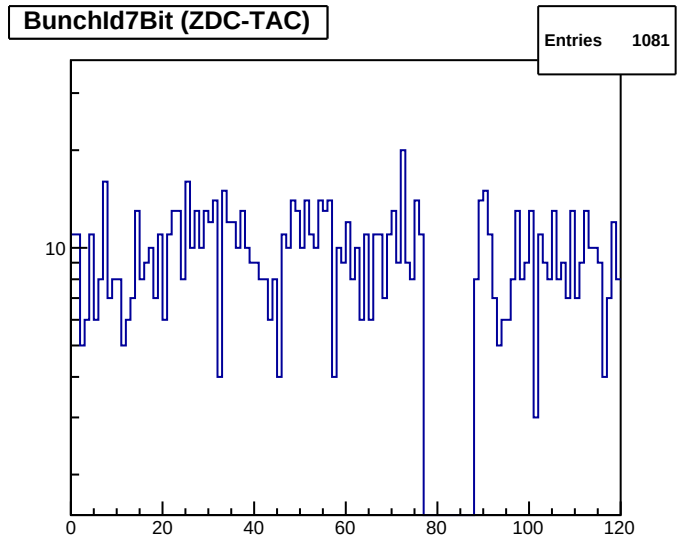
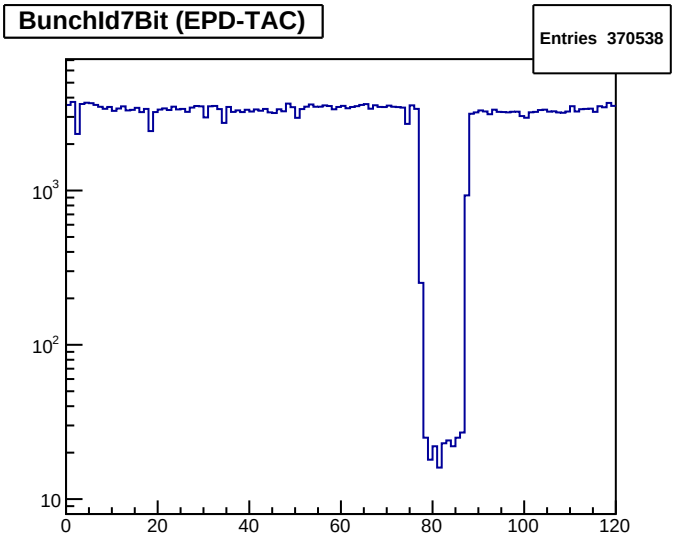
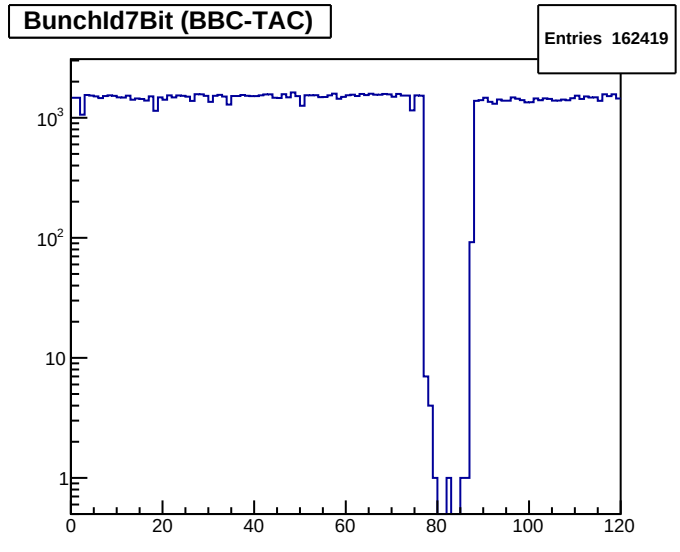
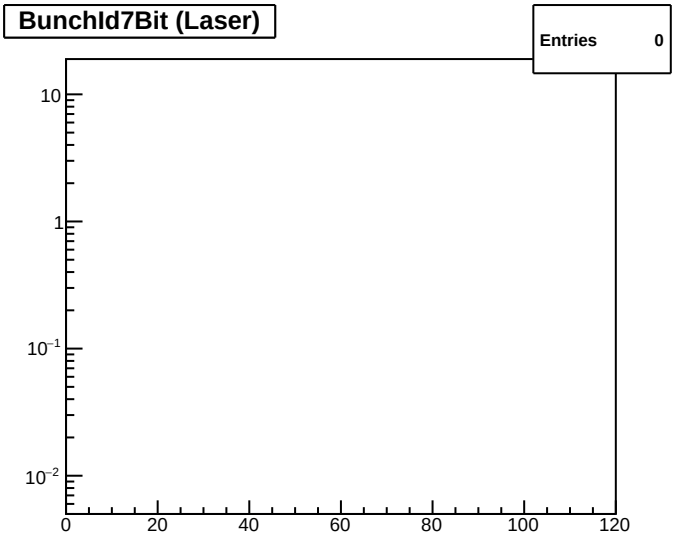
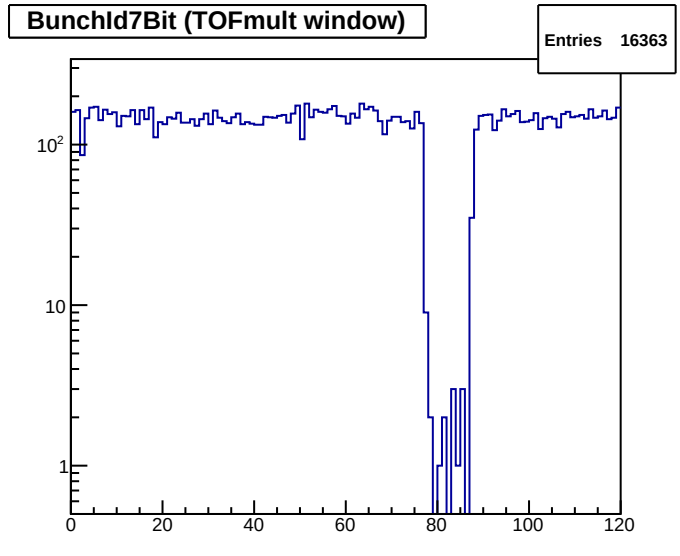

BunchId7Bit (VPD-TAC)
Entries 239680

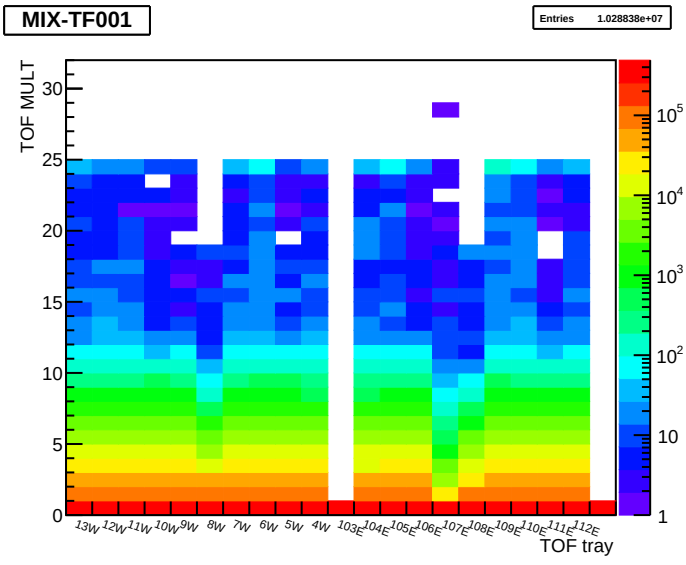

BunchId7Bit (ZDC-TAC)
Entries 1081

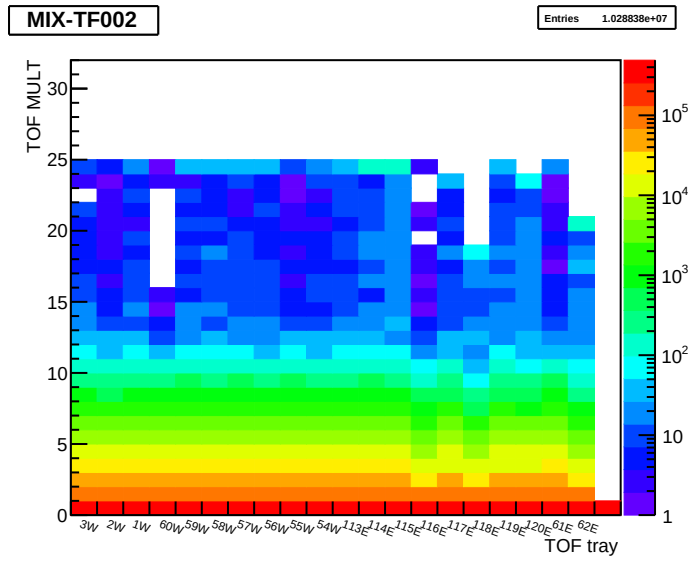

BunchId7Bit (EPD-TAC)
Entries 370538

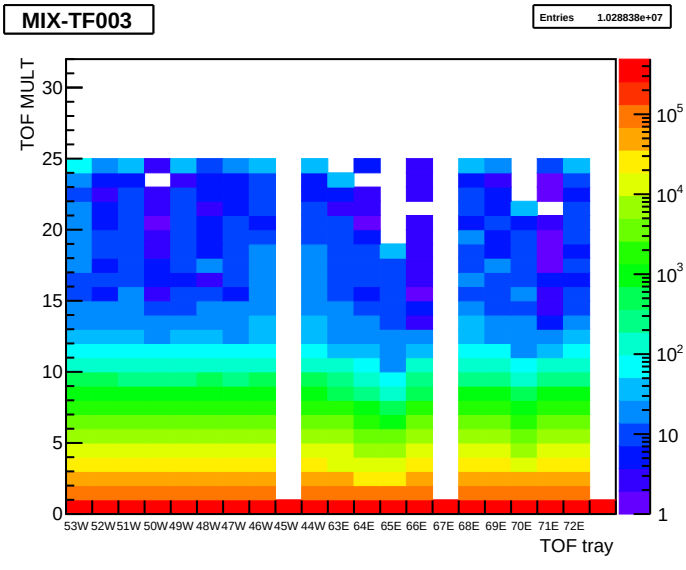

BunchId7Bit (BBC-TAC)
Entries 162419

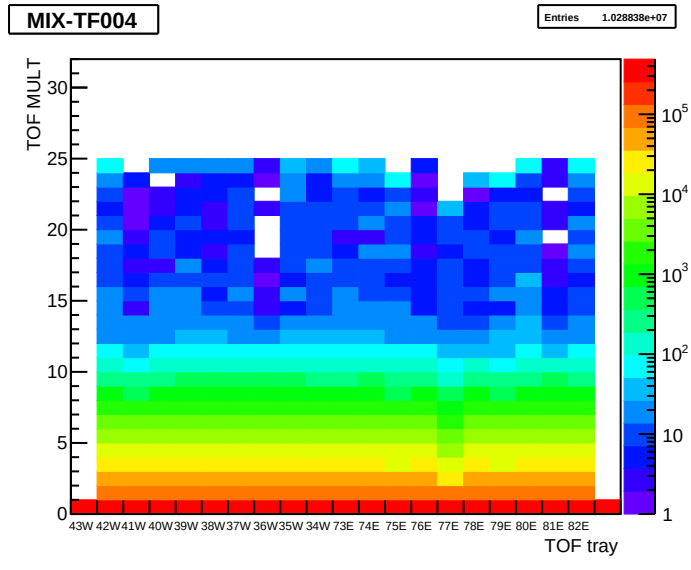

BunchId7Bit (Laser)
Entries 0

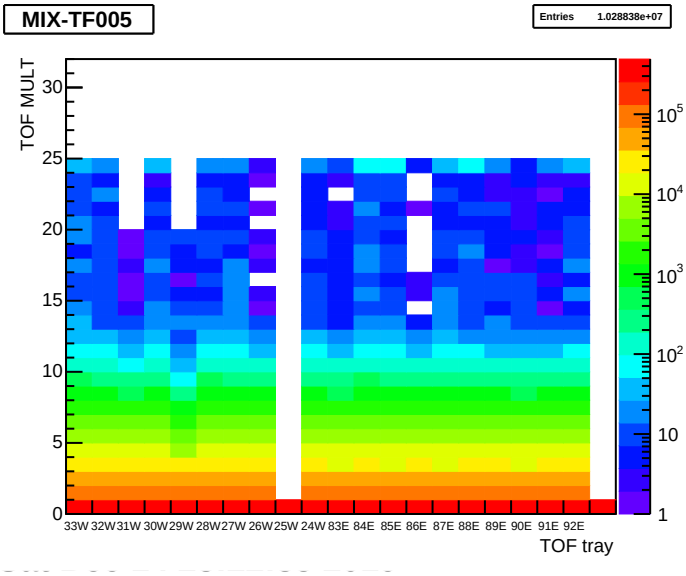

BunchId7Bit (TOFmult window)
Entries 16363

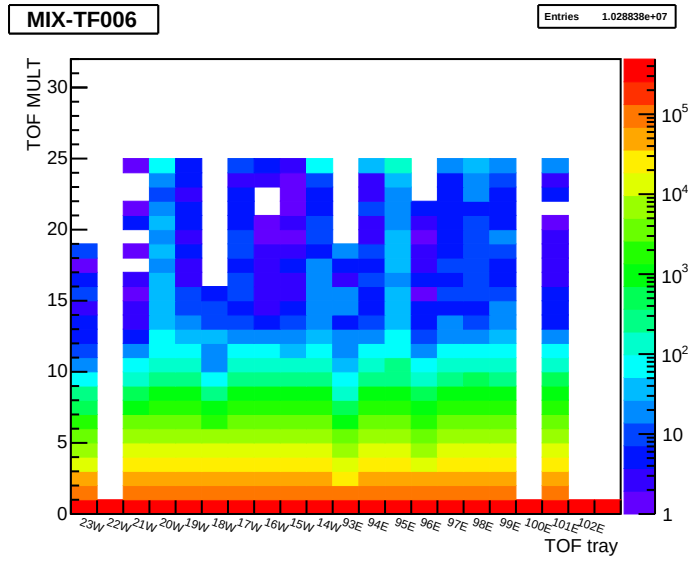

MIX-TF001
Entries 1.028838e+07
TOF MULT
TOF tray

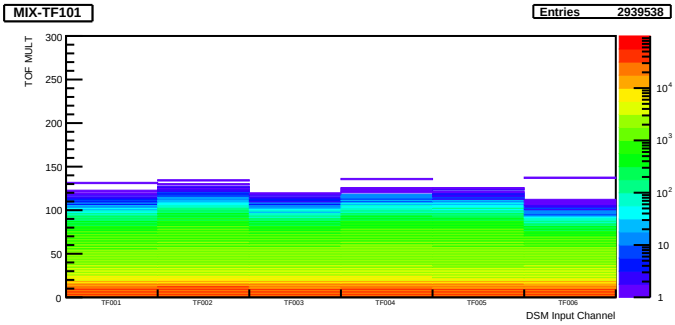

MIX-TF002
Entries 1.028838e+07
TOF MULT
TOF tray

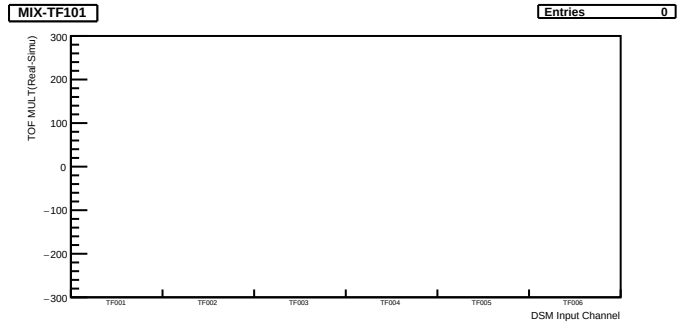

MIX-TF003
Entries 1.028838e+07
TOF MULT
TOF tray

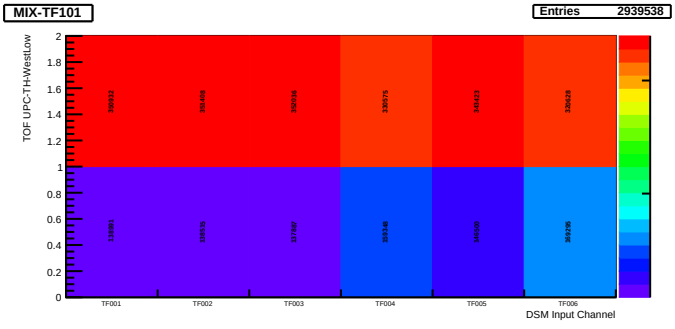

MIX-TF004
Entries 1.028838e+07
TOF MULT
TOF tray

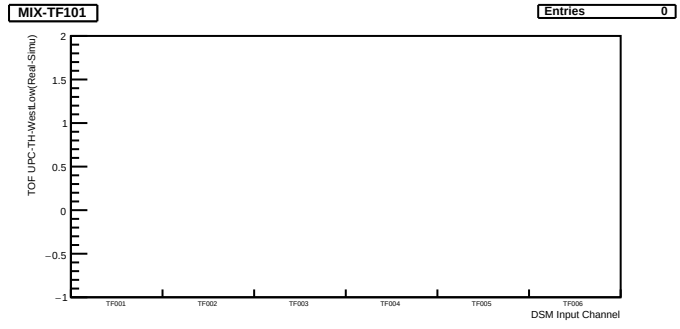

MIX-TF005
Entries 1.028838e+07
TOF MULT
TOF tray

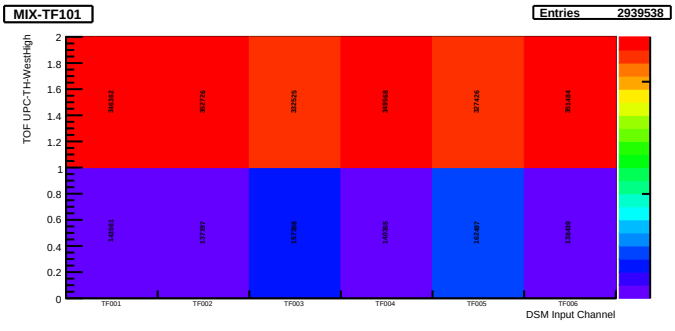

MIX-TF006
Entries 1.028838e+07
TOF MULT
TOF tray

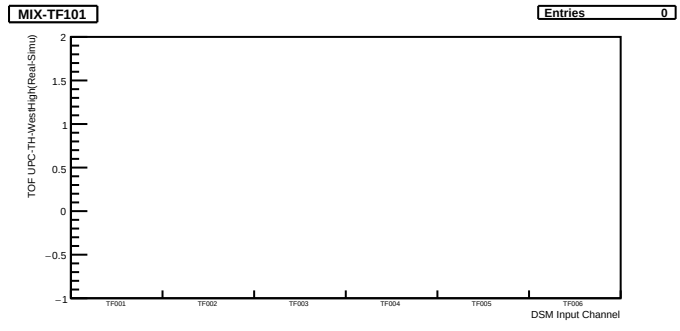

MIX-TF101
Entries 2939538
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

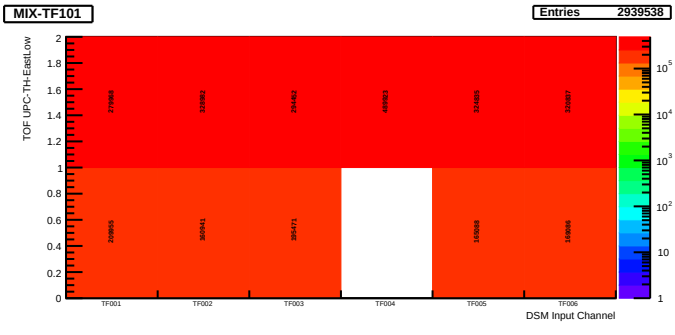

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

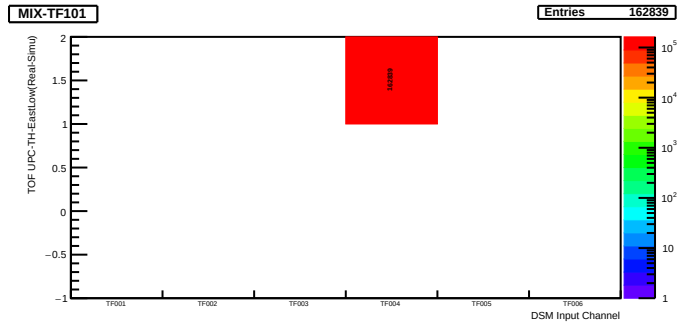

MIX-TF101
Entries 2939538
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

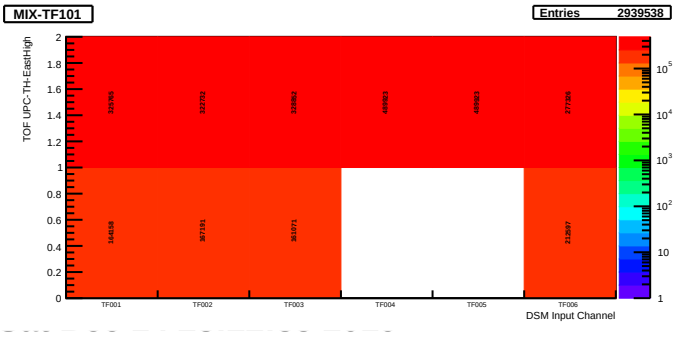

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

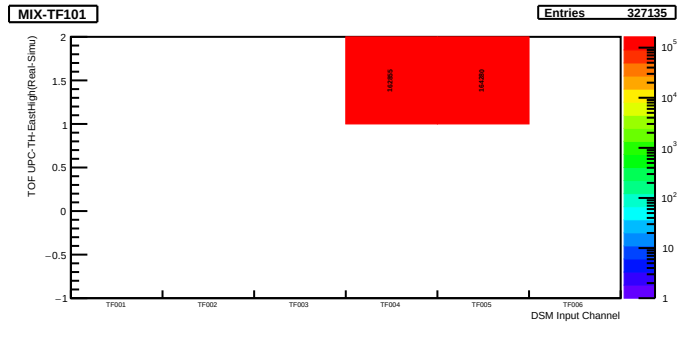

MIX-TF101
Entries 2939538
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

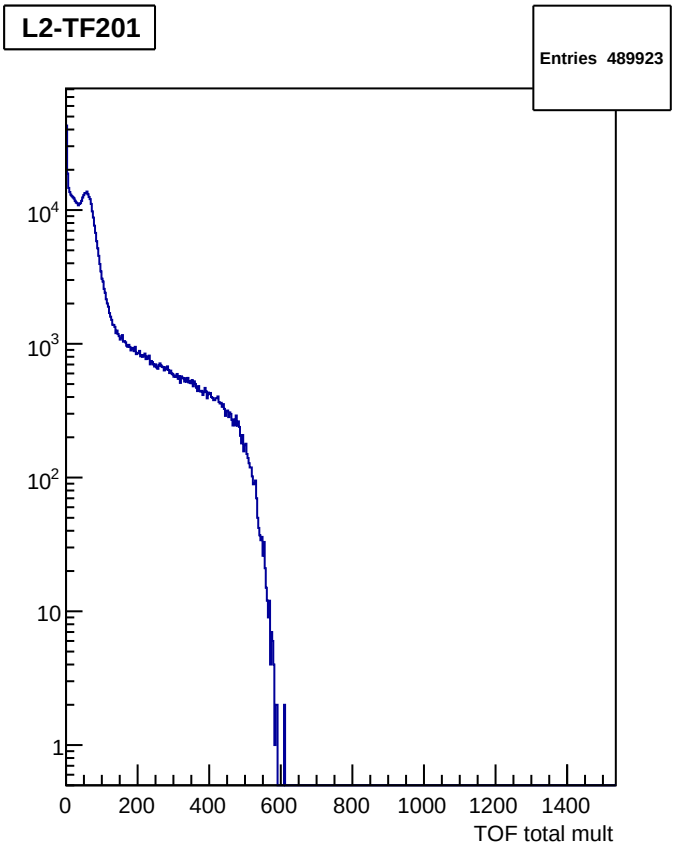

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

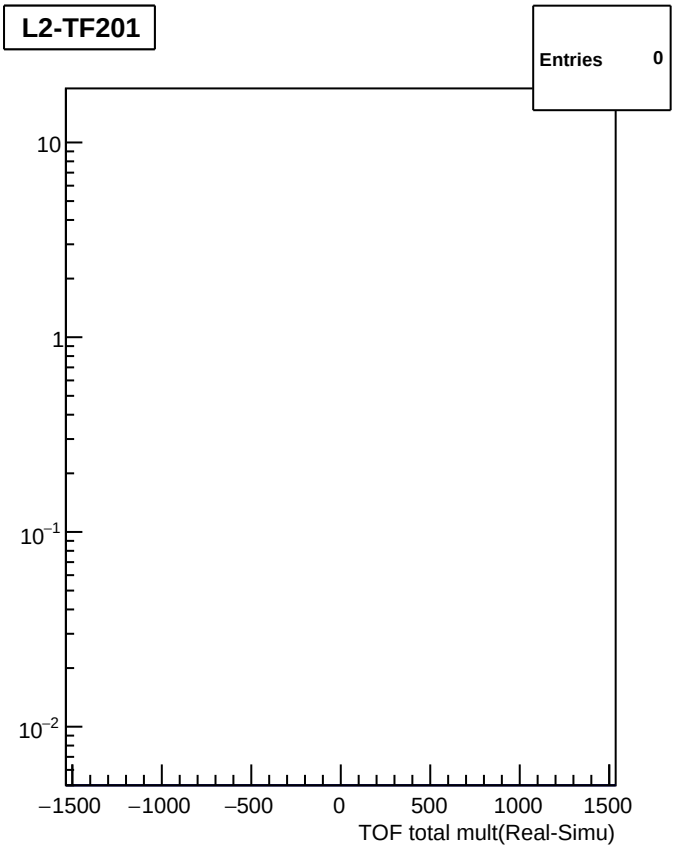

MIX-TF101
Entries 2939538
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

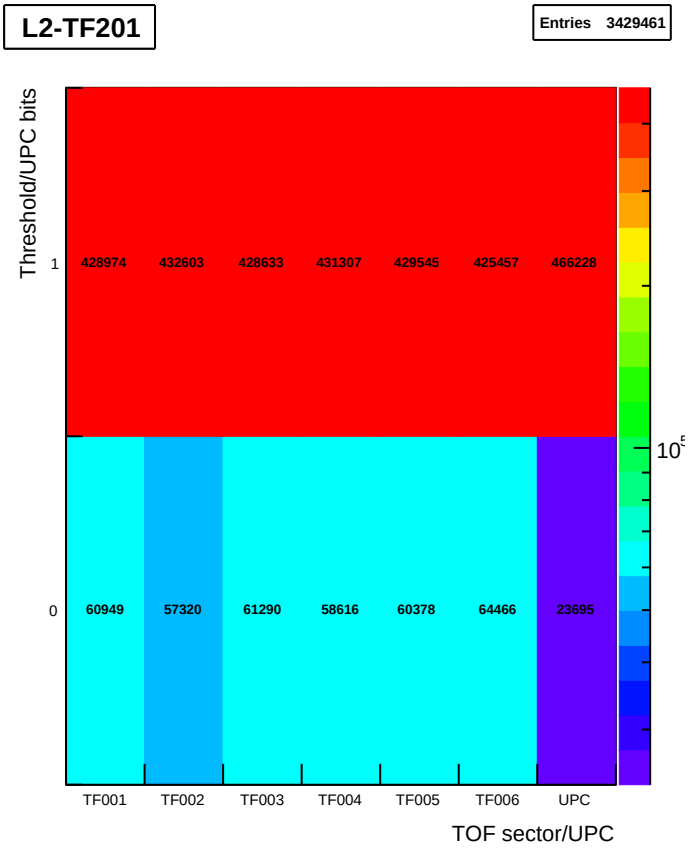

MIX-TF101
Entries 162839
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

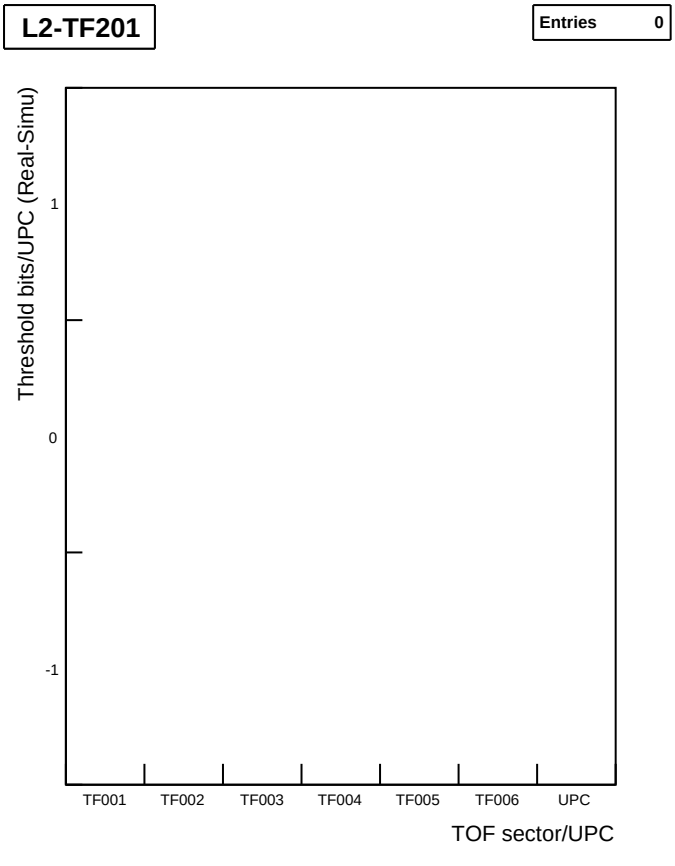

MIX-TF101
Entries 2939538
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

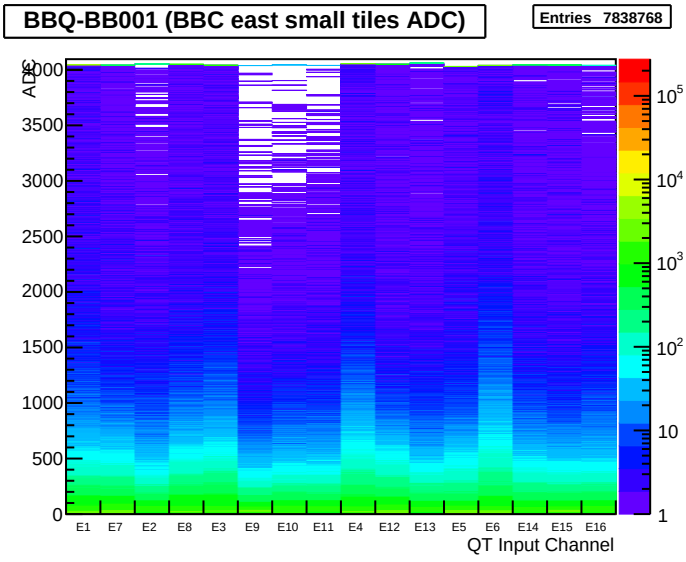

MIX-TF101
Entries 327135
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

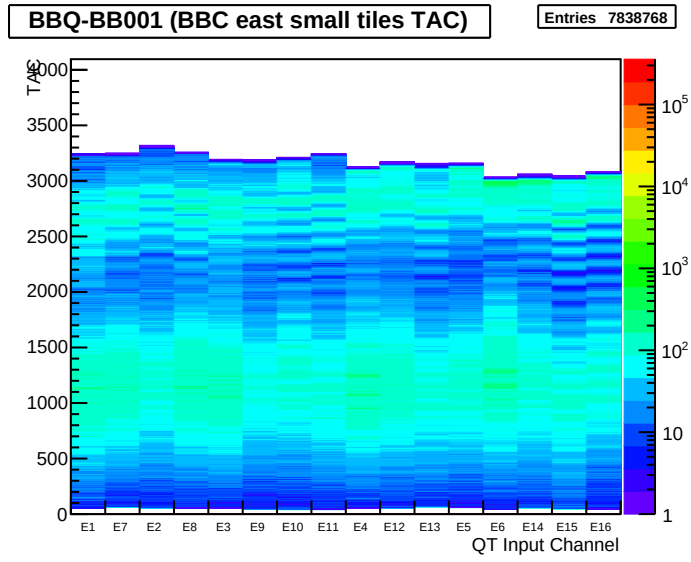

L2-TF201
Entries 489923
TOF total mult

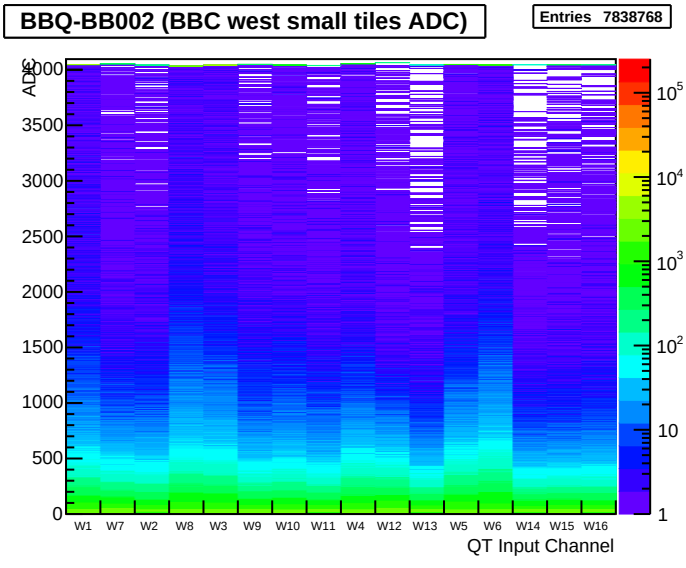

L2-TF201
Entries 0
TOF total mult(Real-Simu)

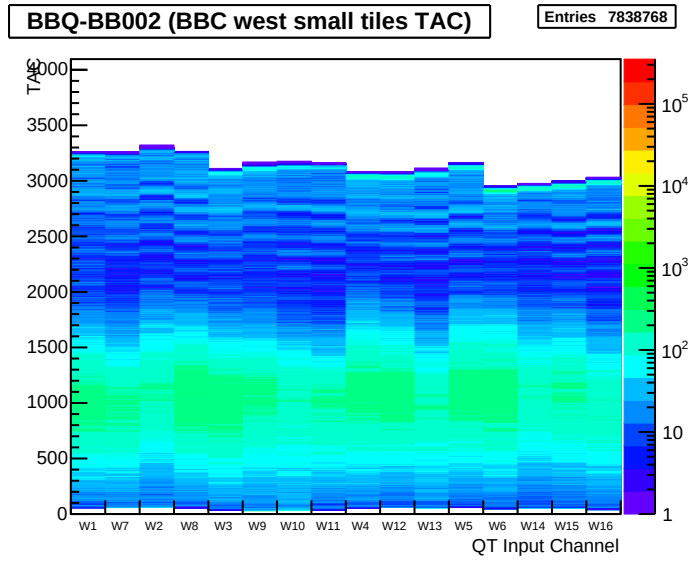

L2-TF201
Entries 3429461
Threshold/UPC bits
428974
432603
428633
431307
429545
425457
466228
60949
57320
61290
58616
60378
64466
23695
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

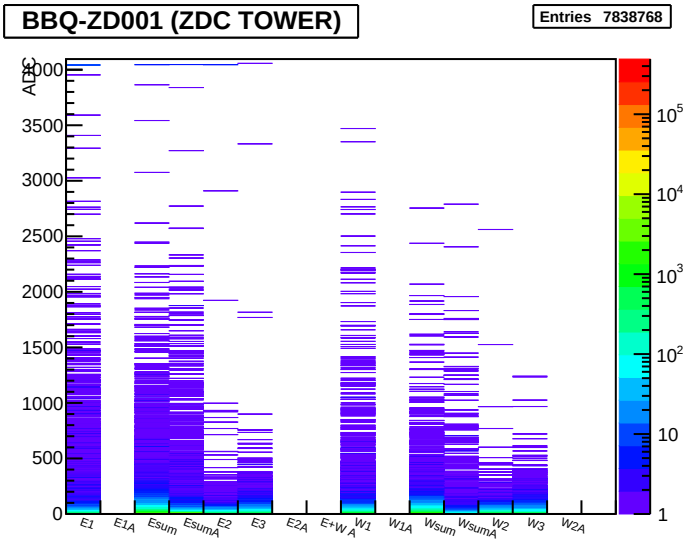

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

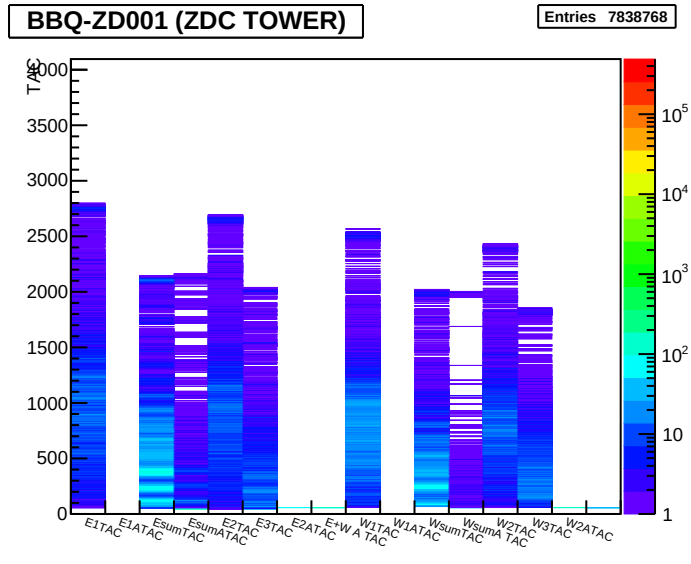

BBQ-BB001 (BBC east small tiles ADC)
Entries 7838768
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

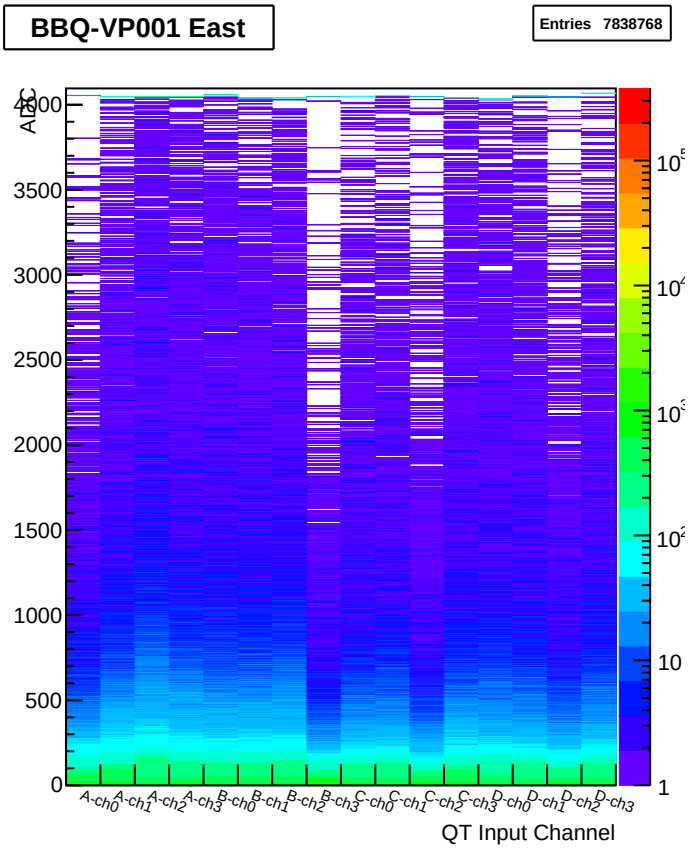

BBQ-BB001 (BBC east small tiles TAC)
Entries 7838768
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

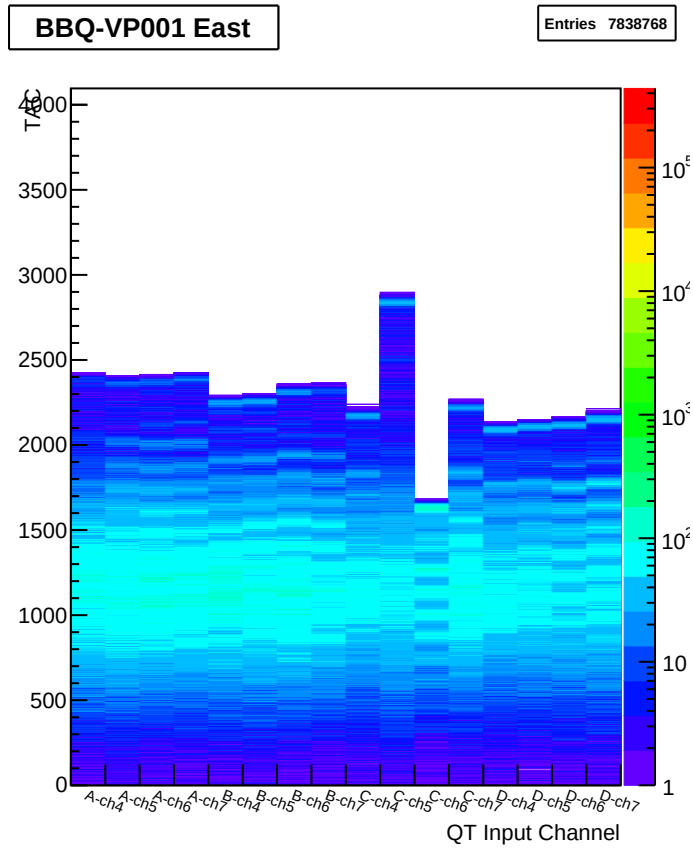

BBQ-BB002 (BBC west small tiles ADC)
Entries 7838768
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

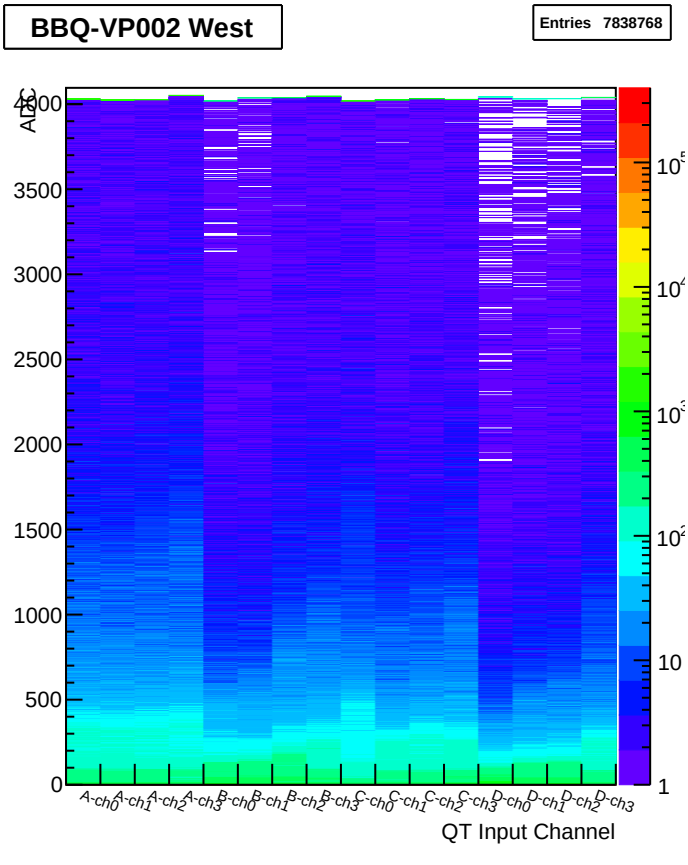

BBQ-BB002 (BBC west small tiles TAC)
Entries 7838768
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

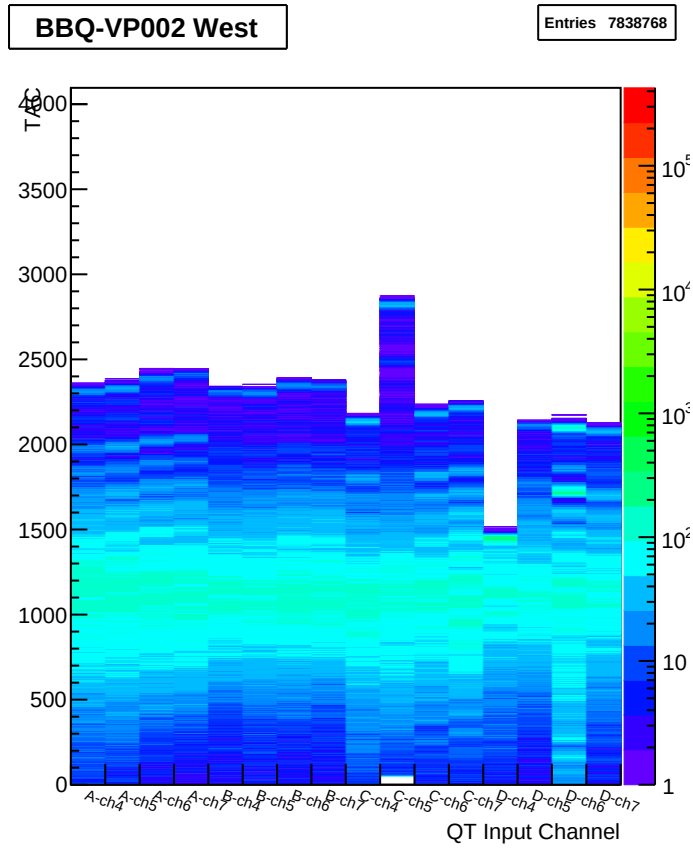

BBQ-ZD001 (ZDC TOWER)
Entries 7838768
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

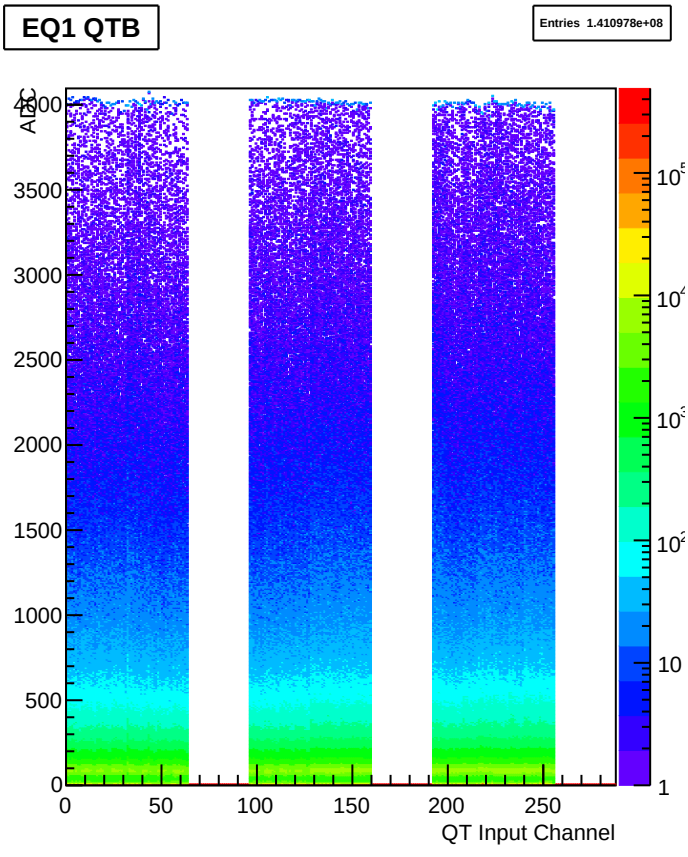

BBQ-ZD001 (ZDC TOWER)
Entries 7838768
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

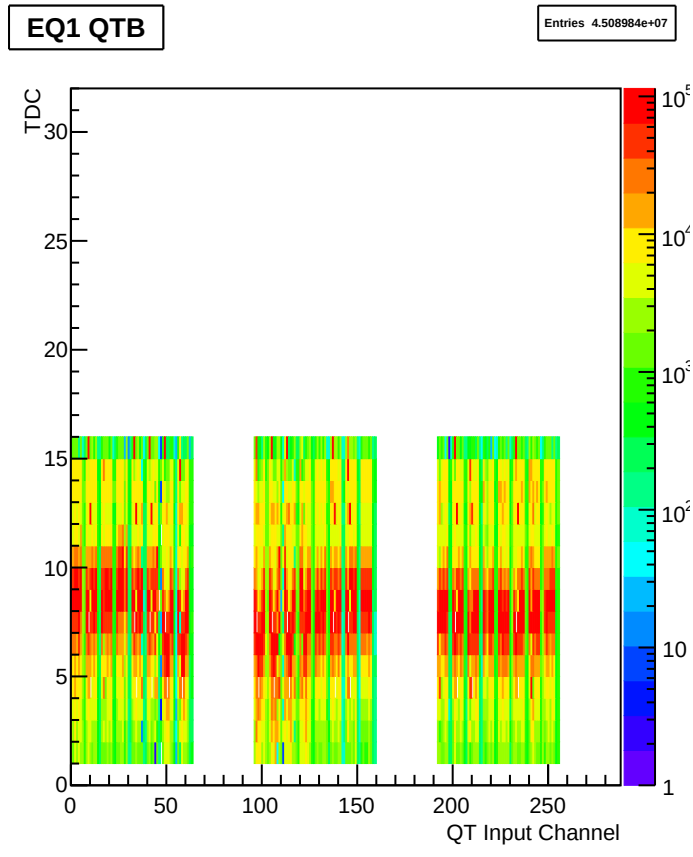

BBQ-VP001 East
Entries 7838768
ADC
QT Input Channel

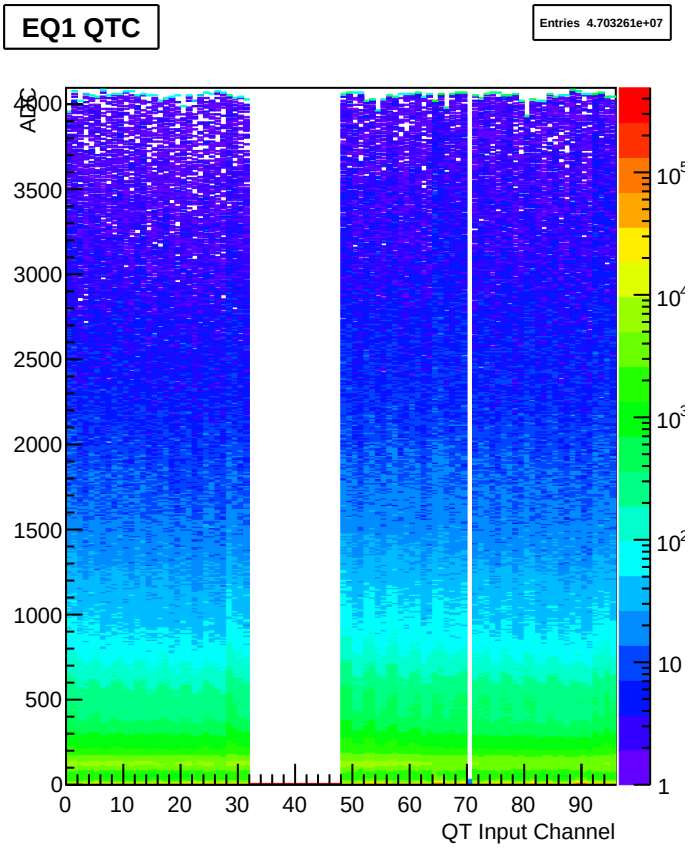

BBQ-VP001 East
Entries 7838768
ADC
QT Input Channel

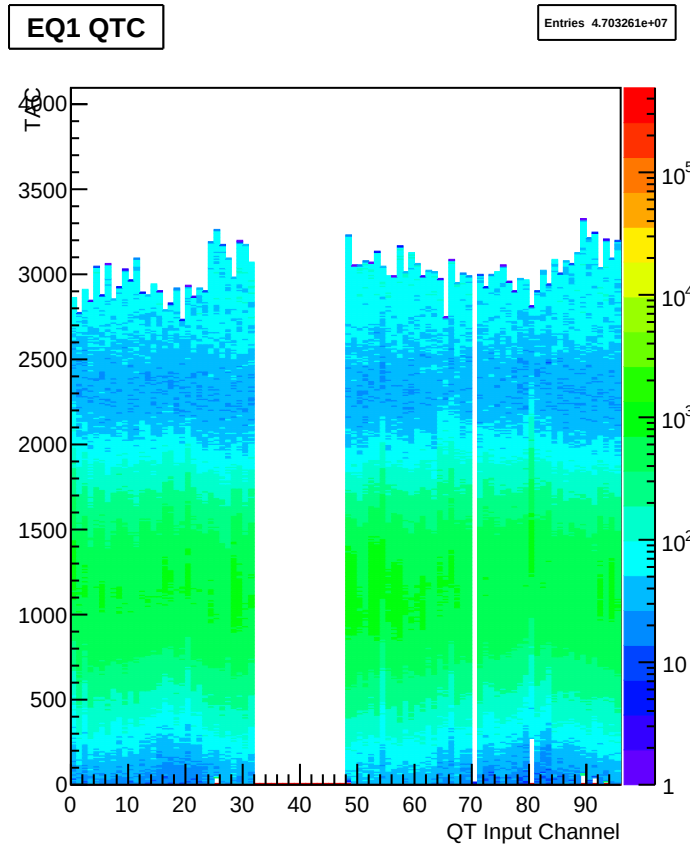

BBQ-VP002 West
Entries 7838768
ADC
QT Input Channel

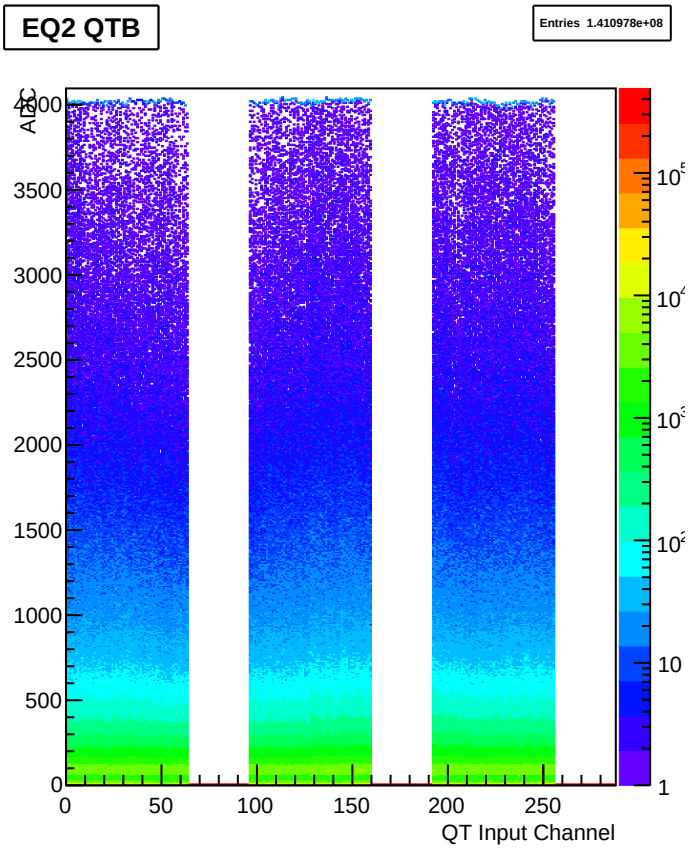

BBQ-VP002 West
Entries 7838768
ADC
QT Input Channel

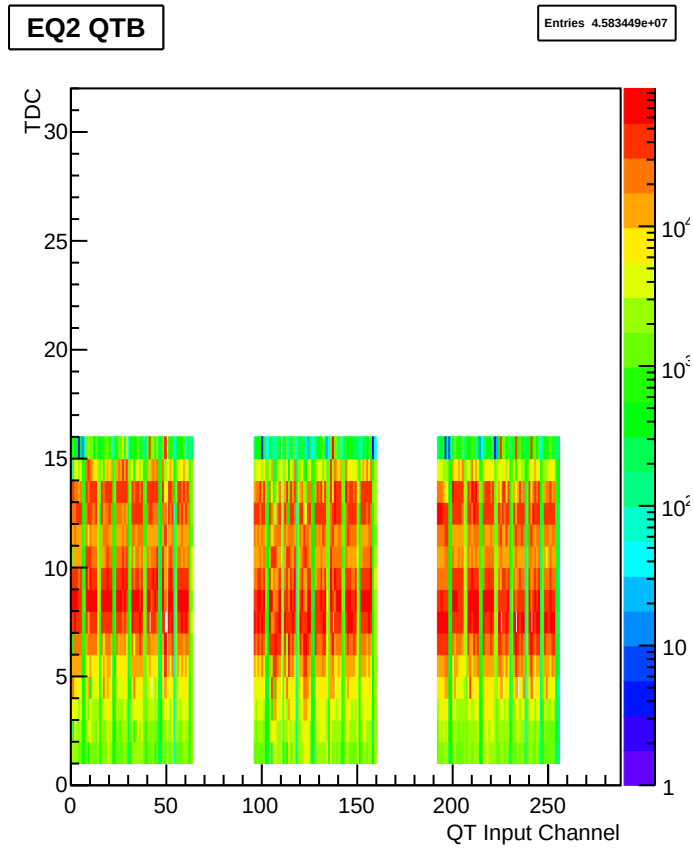

EQ1 QTB
Entries 1.410978e+08
ADC
QT Input Channel

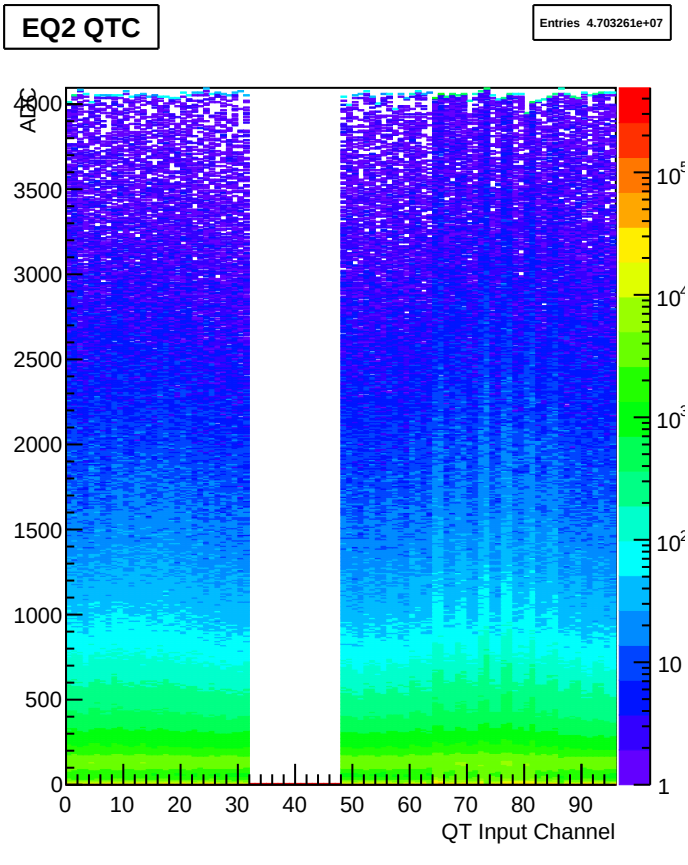

EQ1 QTB
Entries 4.508984e+07
TDC
QT Input Channel

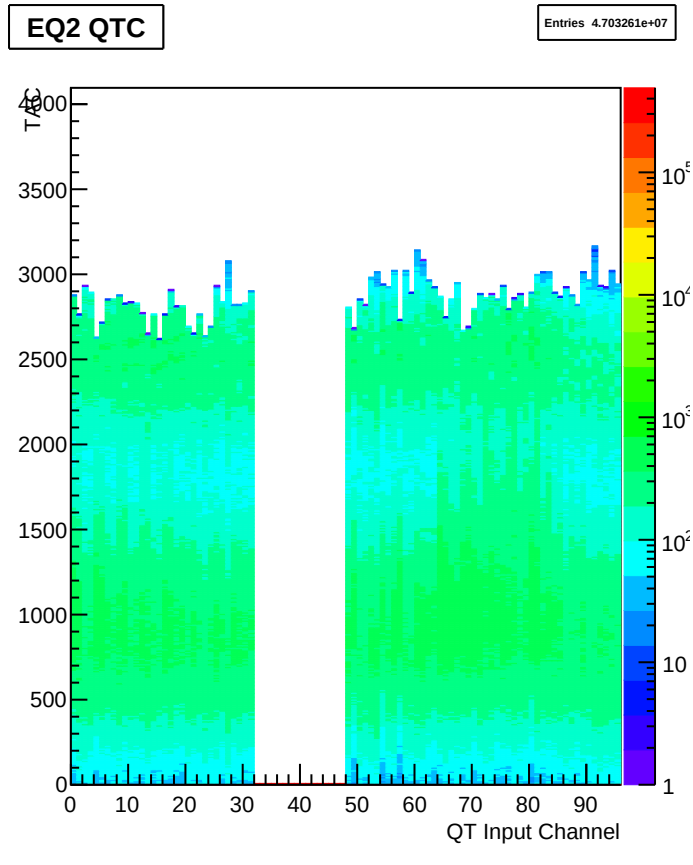

EQ1 QTC
Entries 4.703261e+07
ADC
QT Input Channel

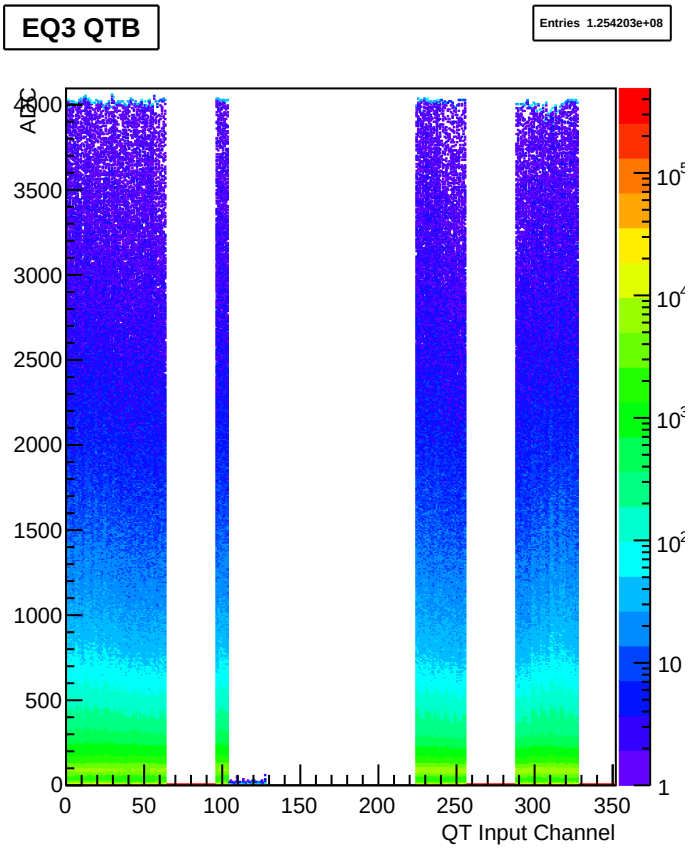

EQ1 QTC
Entries 4.703261e+07
TADC
QT Input Channel

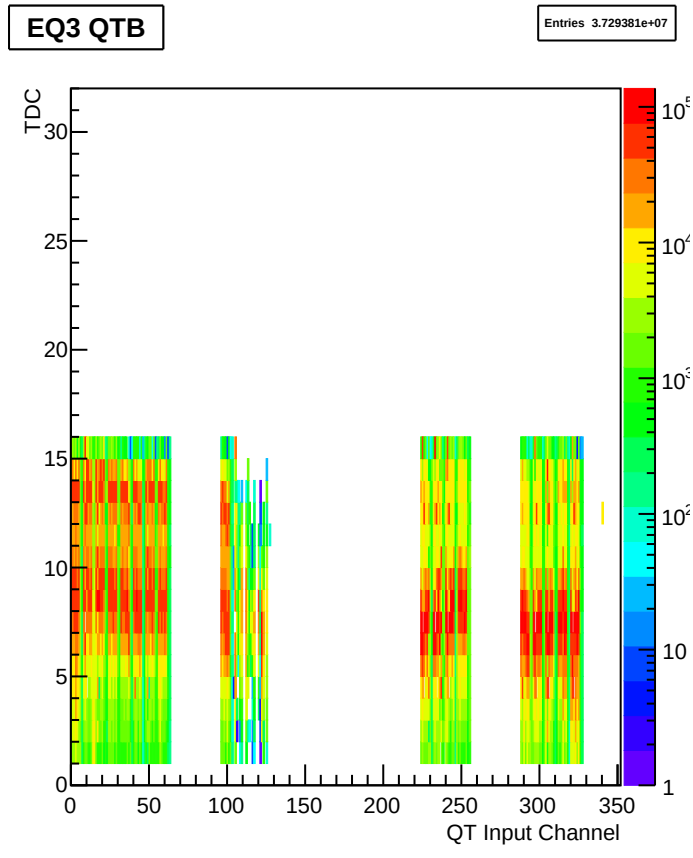

EQ2 QTB
Entries 1.410978e+08
ADC
QT Input Channel

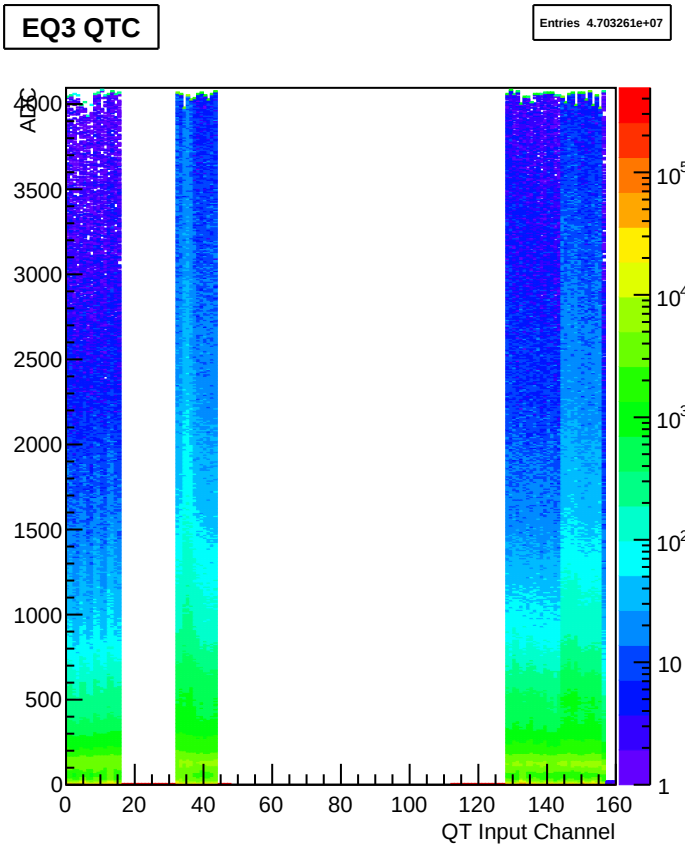

EQ2 QTB
Entries 4.583449e+07
TDC
QT Input Channel

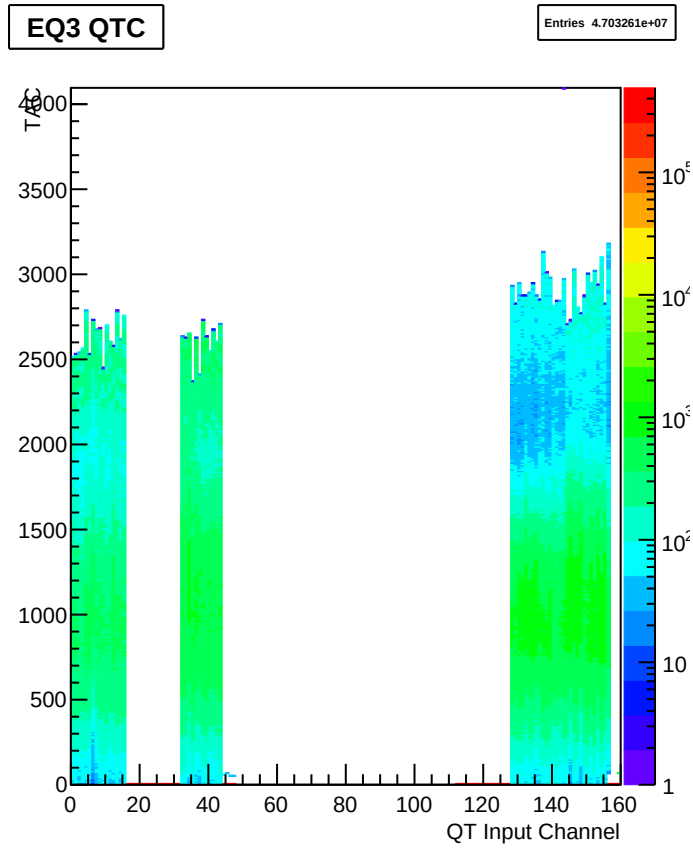

EQ2 QTC
Entries 4.703261e+07
ADC
QT Input Channel

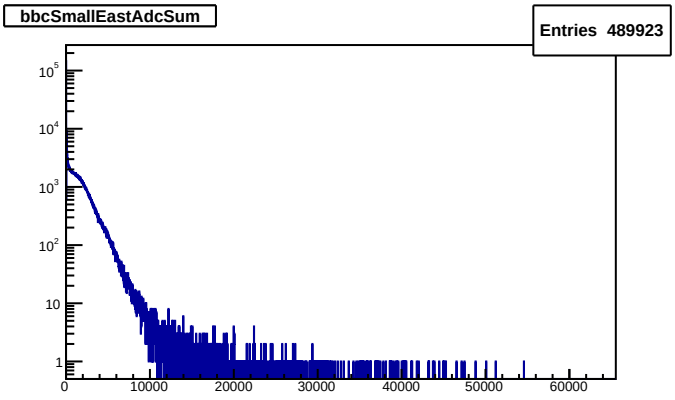

EQ2 QTC
Entries 4.703261e+07
TADC
QT Input Channel

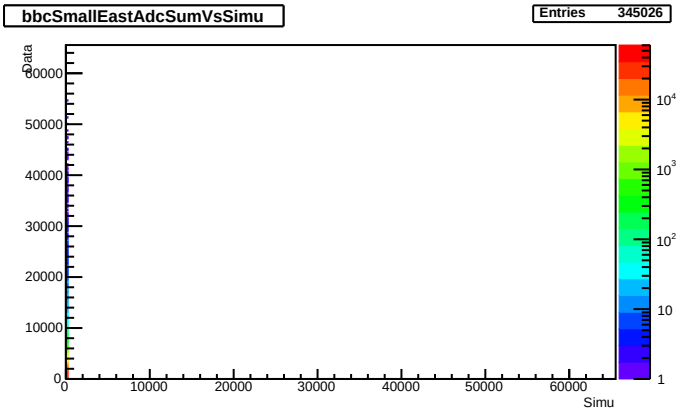

EQ3 QTB
Entries 1.254203e+08
ADC
QT Input Channel

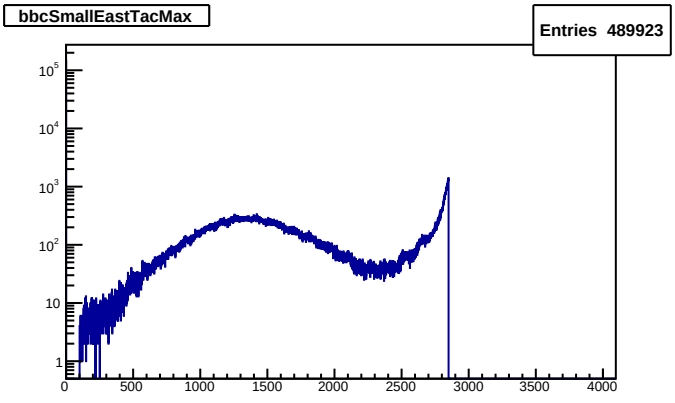

EQ3 QTB
Entries 3.729381e+07
TDC
QT Input Channel

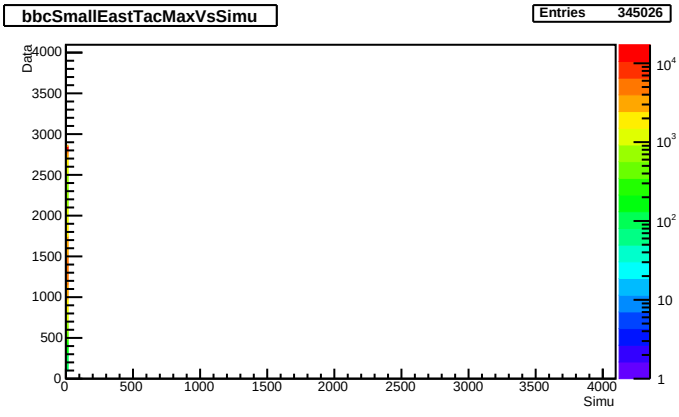

EQ3 QTC
Entries 4.703261e+07
ADC
QT Input Channel

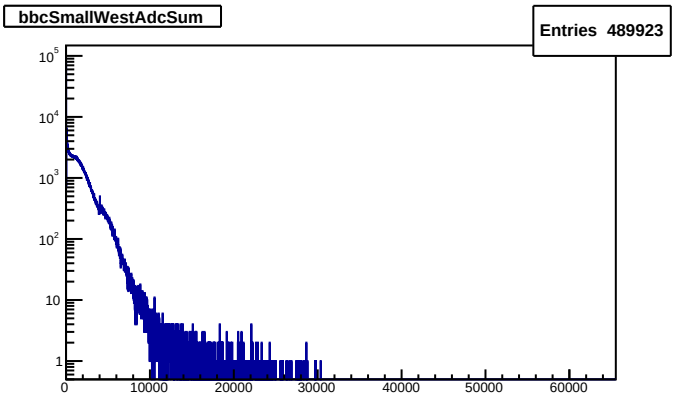

EQ3 QTC
Entries 4.703261e+07
TADC
QT Input Channel

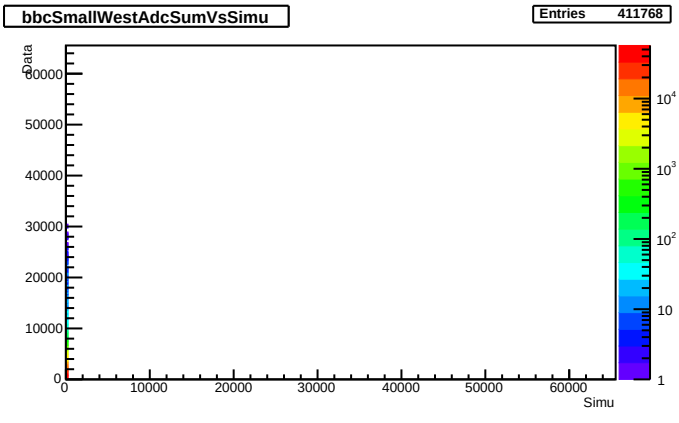

bbcSmallEastAdcSum
Entries 489923

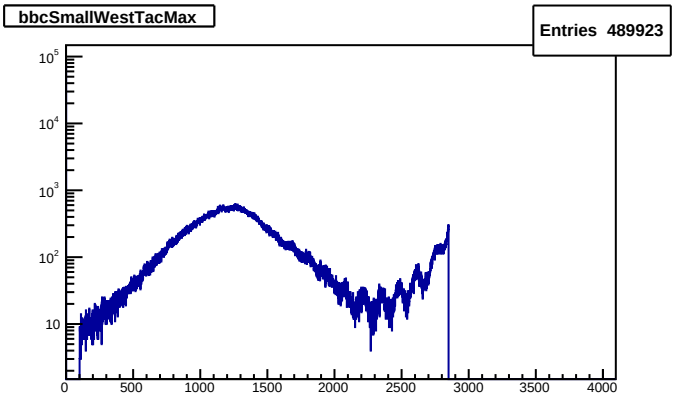

bbcSmallEastAdcSumVsSimu
Entries 345026
Data
Simu

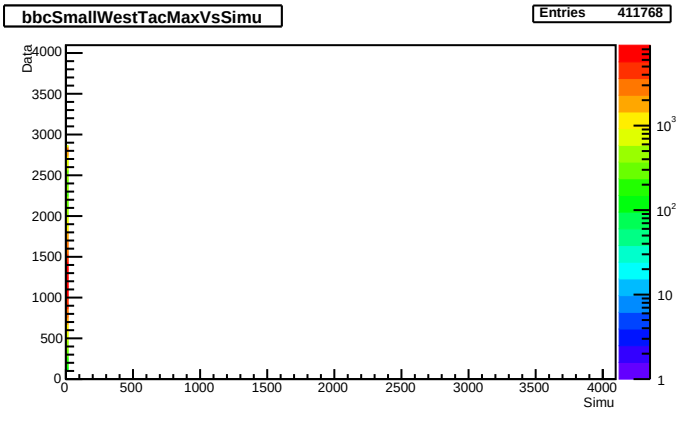

bbcSmallEastTacMax
Entries 489923

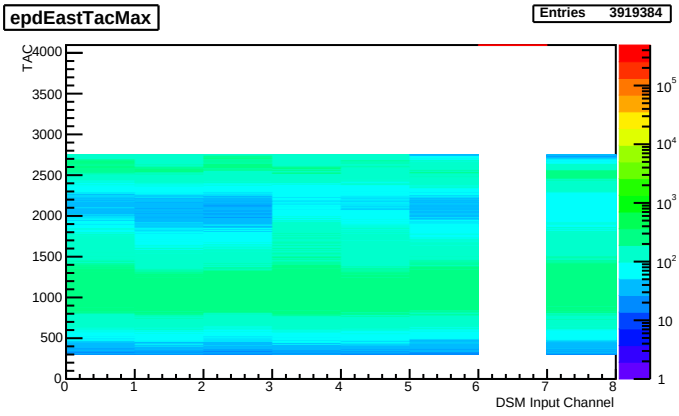

bbcSmallEastTacMaxVsSimu
Entries 345026
Data
Simu

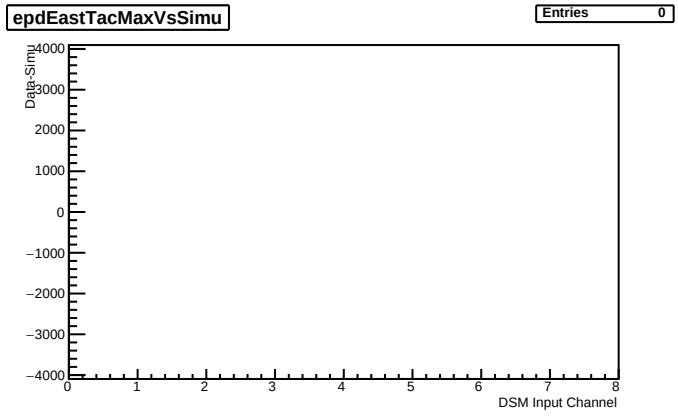

bbcSmallWestAdcSum
Entries 489923

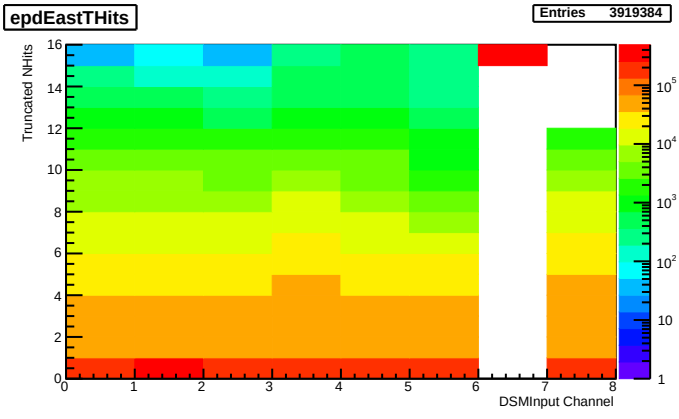

bbcSmallWestAdcSumVsSimu
Entries 411768
Data
Simu

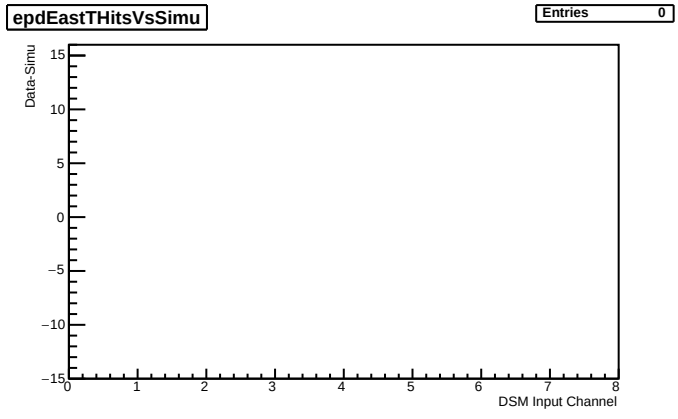

bbcSmallWestTacMax
Entries 489923

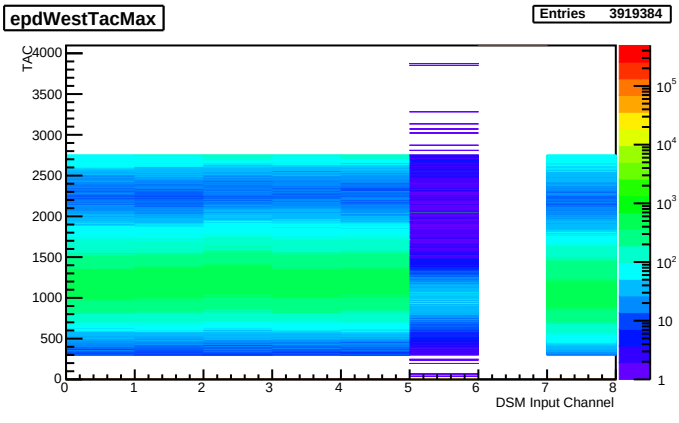

bbcSmallWestTacMaxVsSimu
Entries 411768
Data
Simu

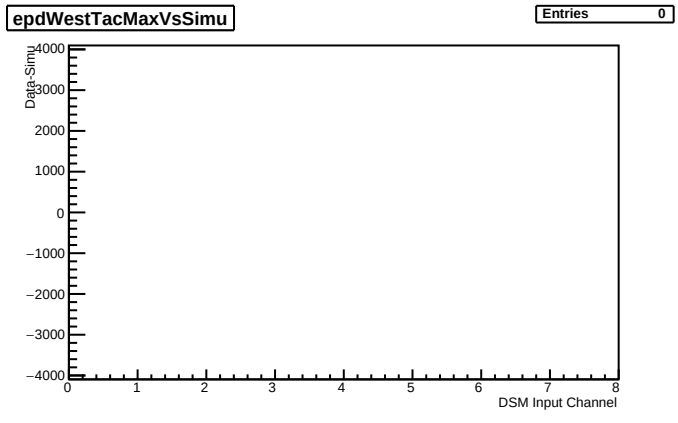

epdEastTacMax
Entries 3919384
TAC
DSM Input Channel

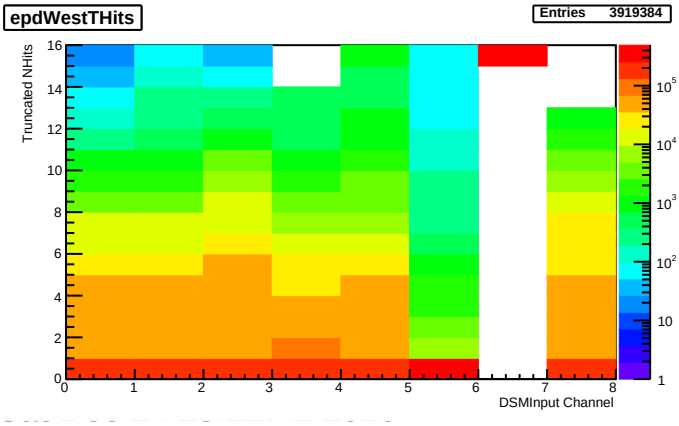

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

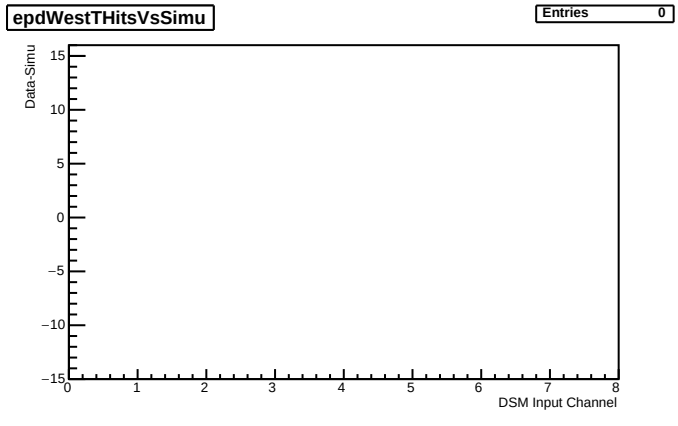

epdEastTHits
Entries 3919384
Truncated NHits
DSMInput Channel

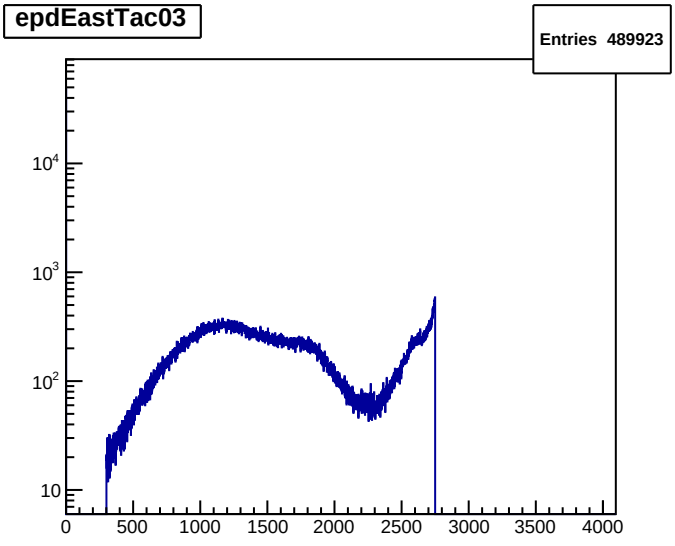

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

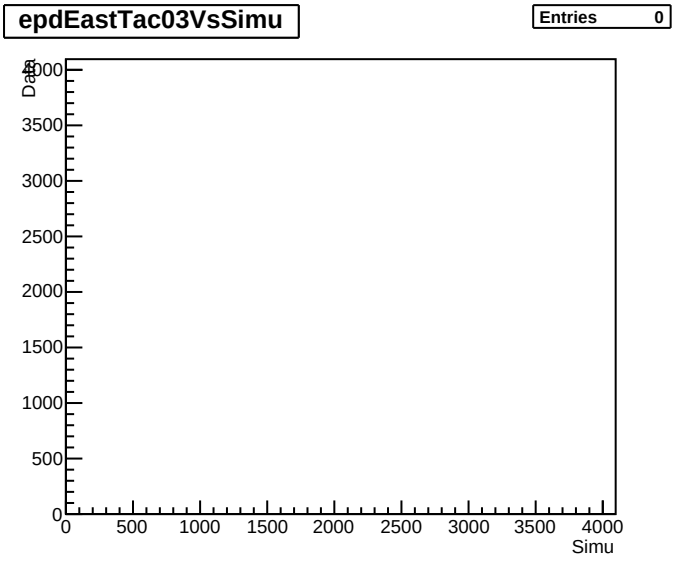

epdWestTacMax
Entries 3919384
TAC
DSM Input Channel

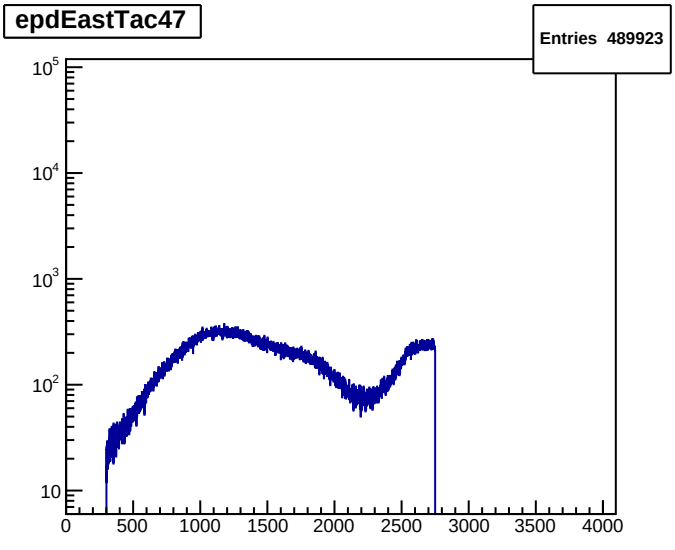

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

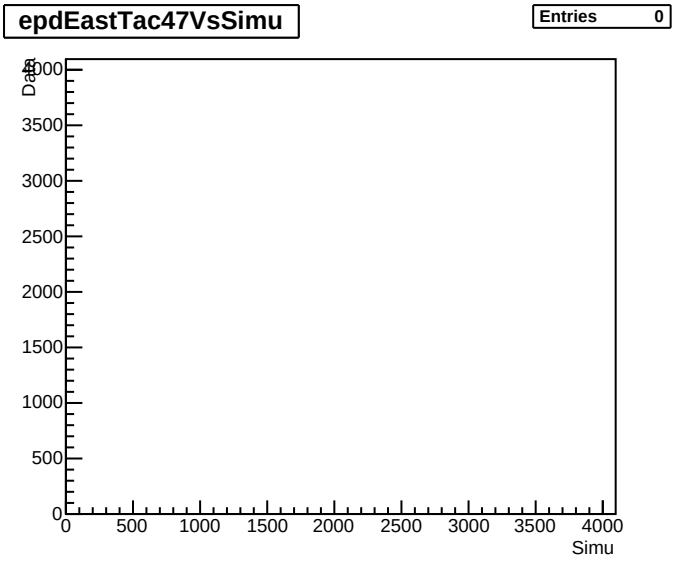

epdWestTHits
Entries 3919384
Truncated NHits
DSMInput Channel

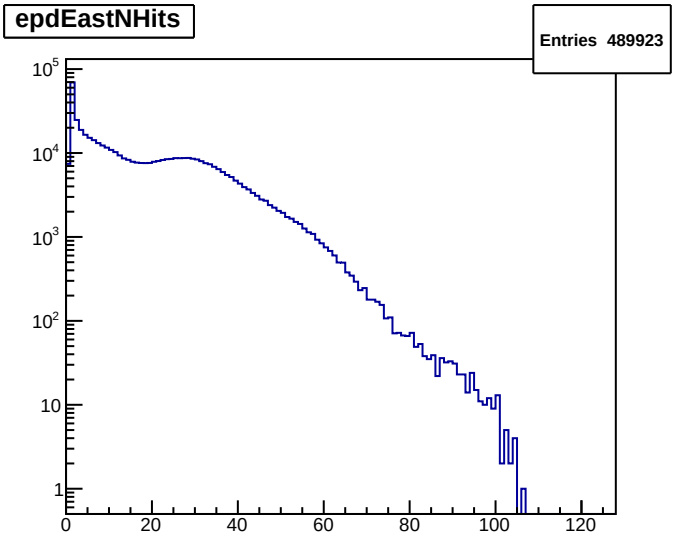

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

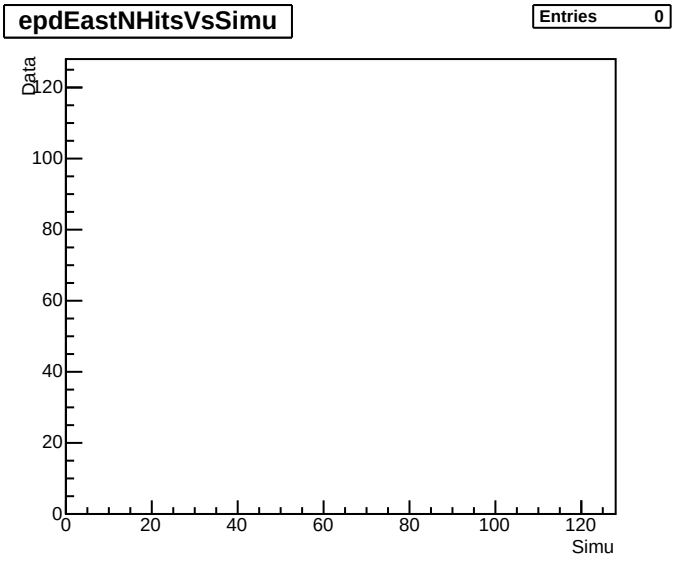

epdEastTac03
Entries 489923

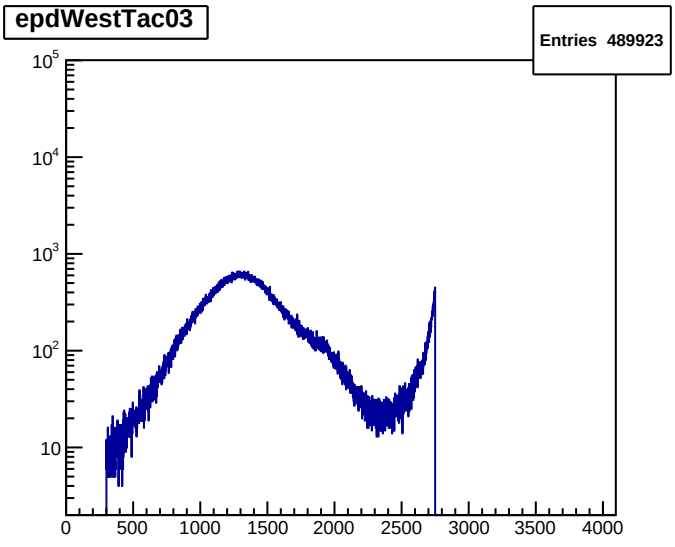

epdEastTac03VsSimu
Entries 0
Data
Simu

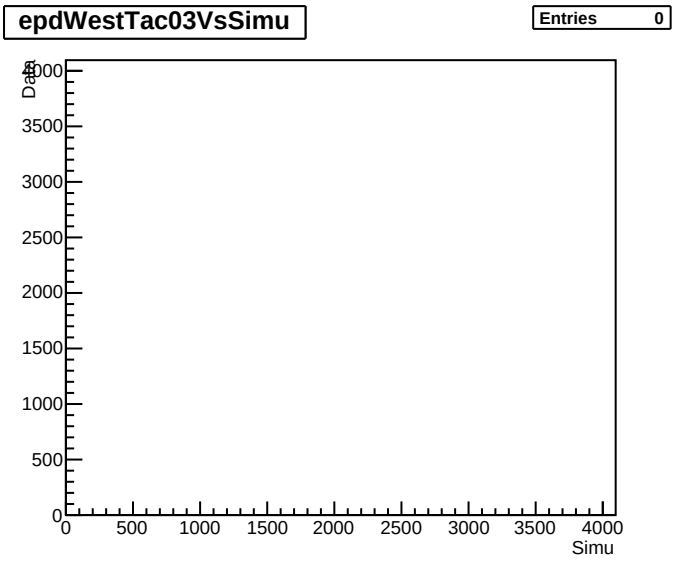

epdEastTac47
Entries 489923

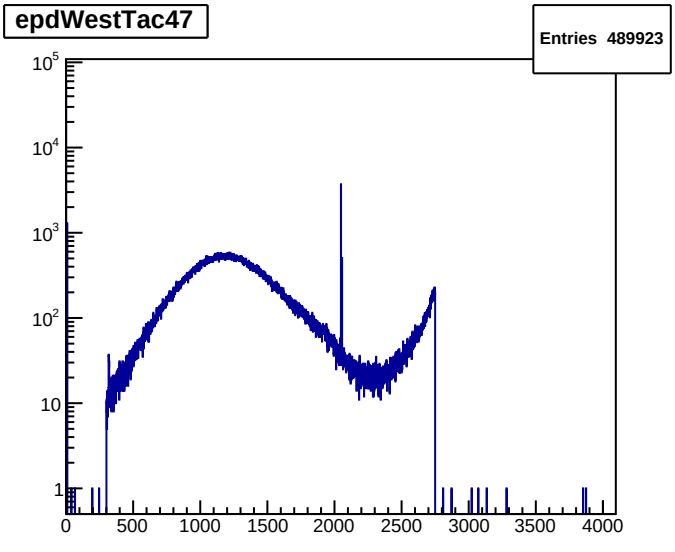

epdEastTac47VsSimu
Entries 0
Data
Simu

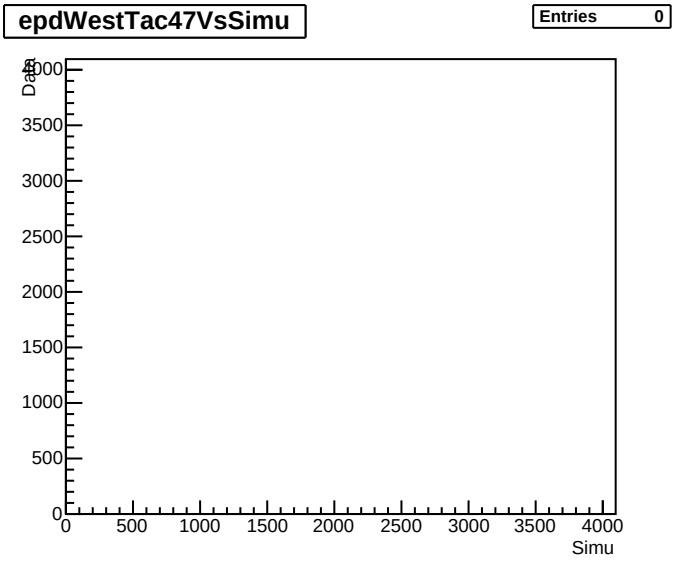

epdEastNHits
Entries 489923

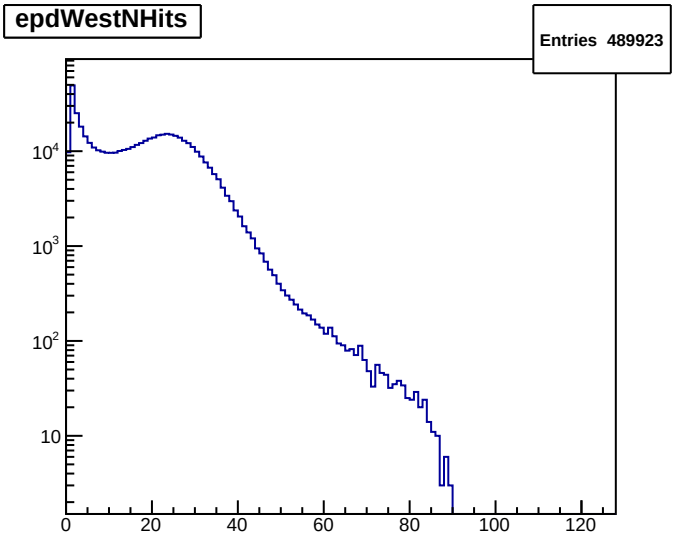

epdEastNHitsVsSimu
Entries 0
Data
Simu

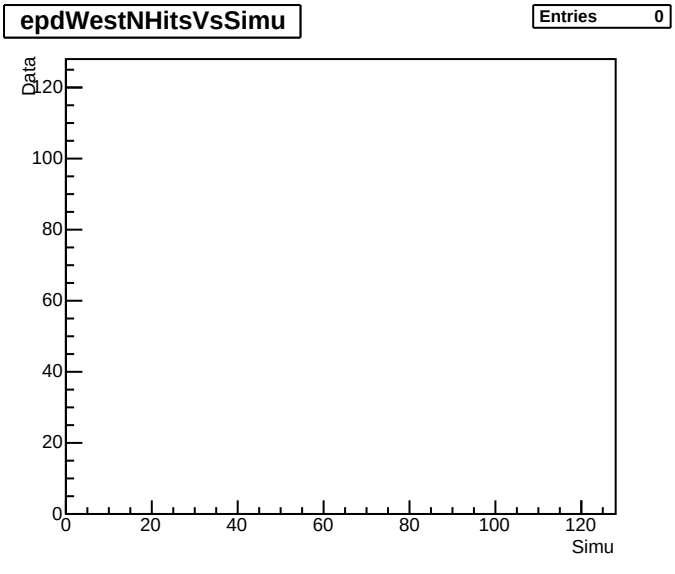

epdWestTac03
Entries 489923

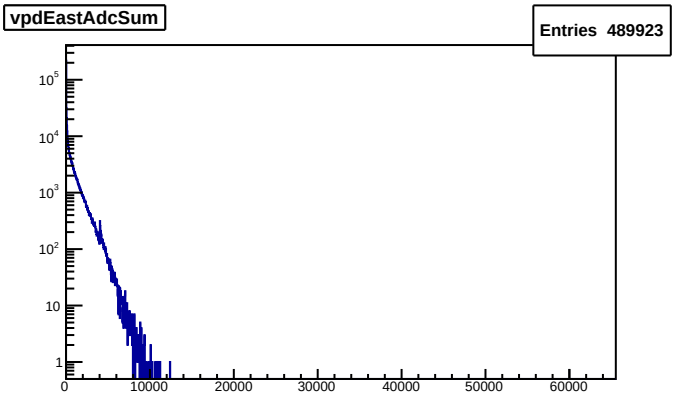

epdWestTac03VsSimu
Entries 0
Data
Simu

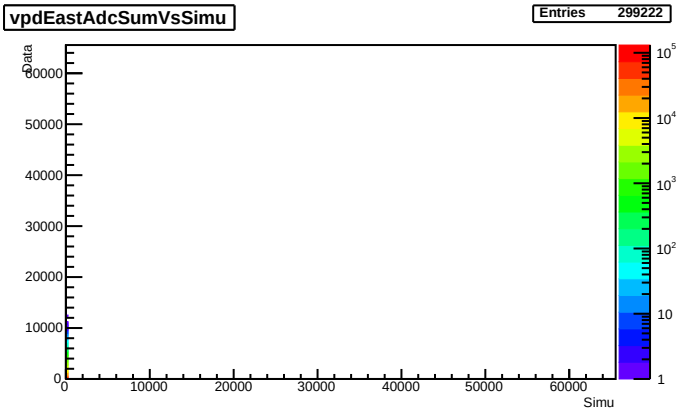

epdWestTac47
Entries 489923

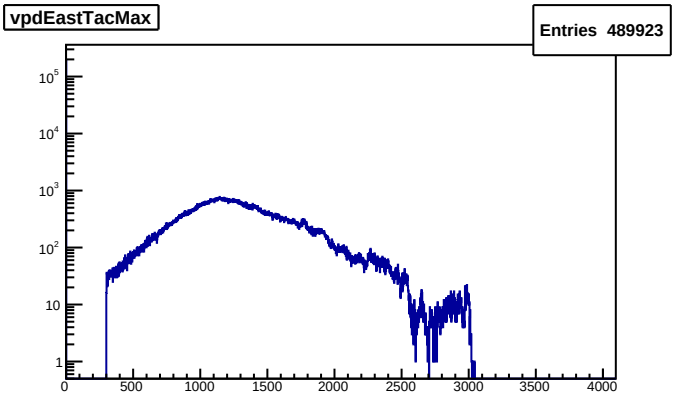

epdWestTac47VsSimu
Entries 0
Data
Simu

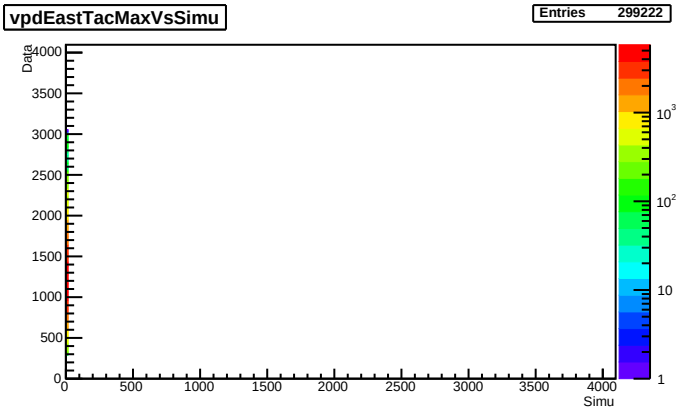

epdWestNHits
Entries 489923

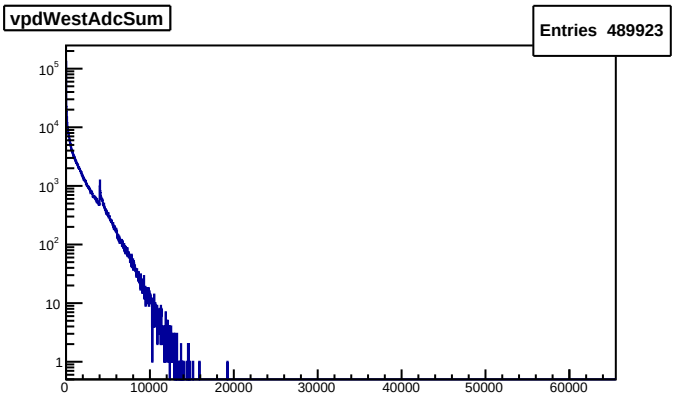

epdWestNHitsVsSimu
Entries 0
Data
Simu

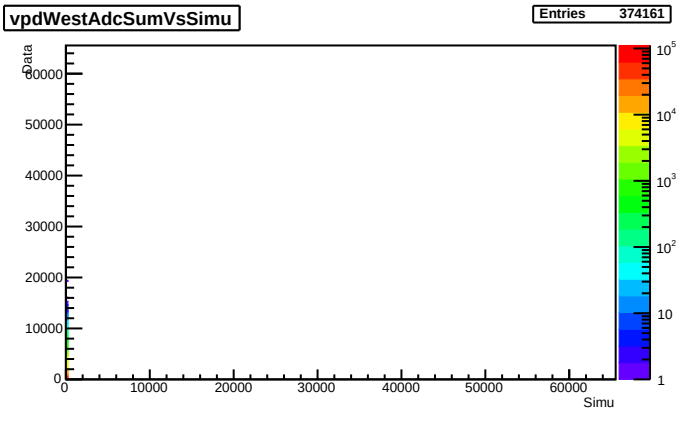

vpdEastAdcSum
Entries 489923

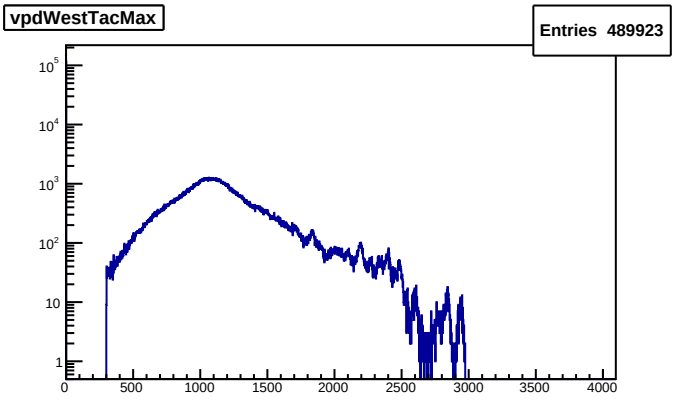

vpdEastAdcSumVsSimu
Entries 299222
Data
Simu

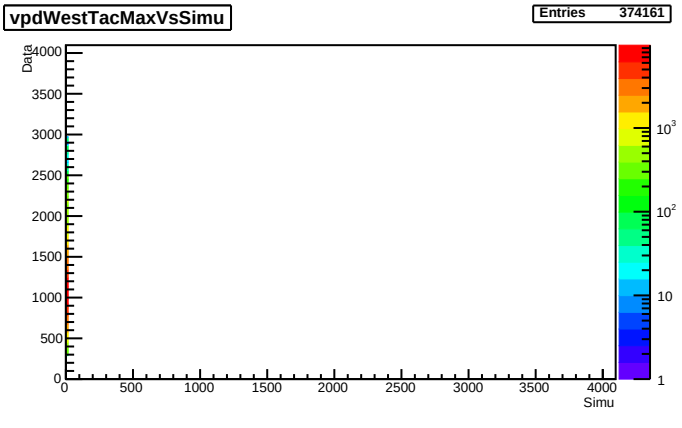

vpdEastTacMax
Entries 489923

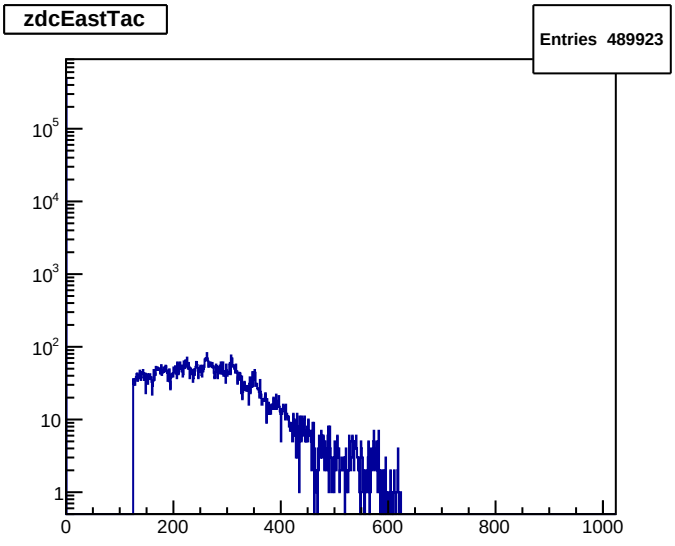

vpdEastTacMaxVsSimu
Entries 299222
Data
Simu

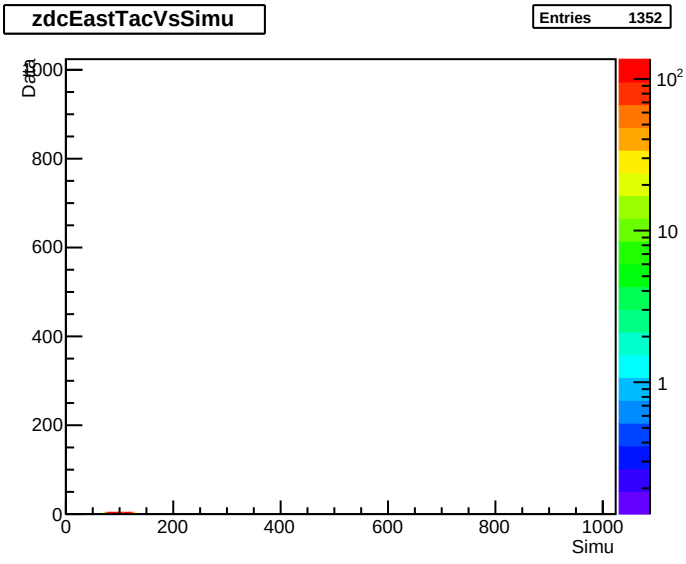

vpdWestAdcSum
Entries 489923

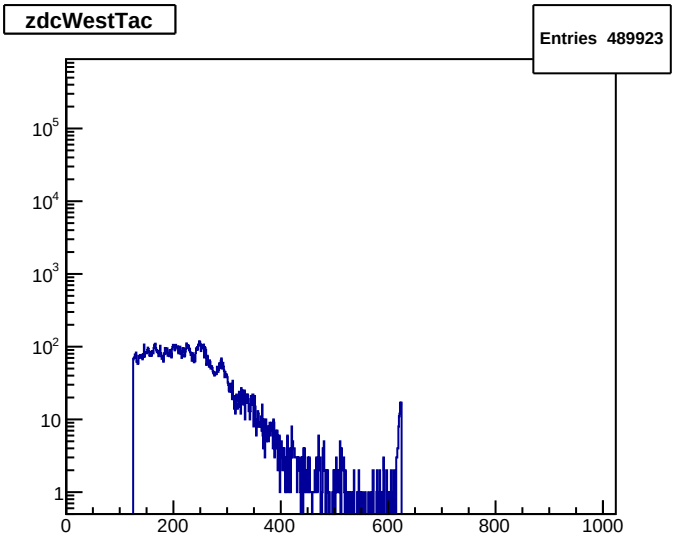

vpdWestAdcSumVsSimu
Entries 374161
Data
Simu

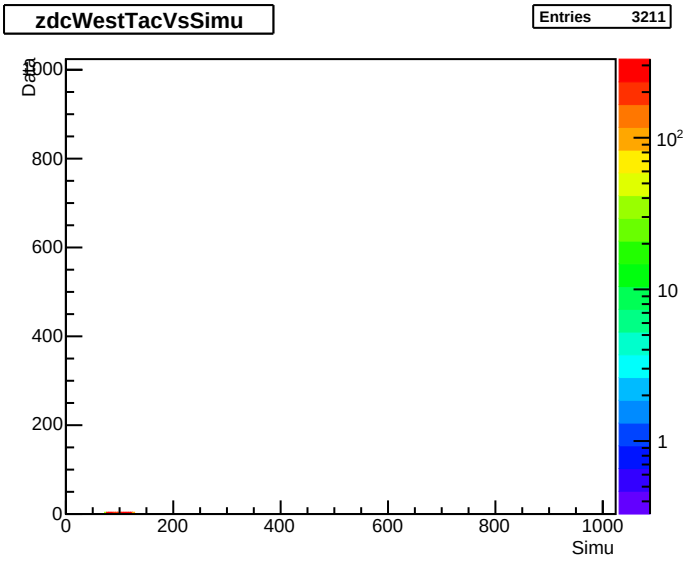

vpdWestTacMax
Entries 489923

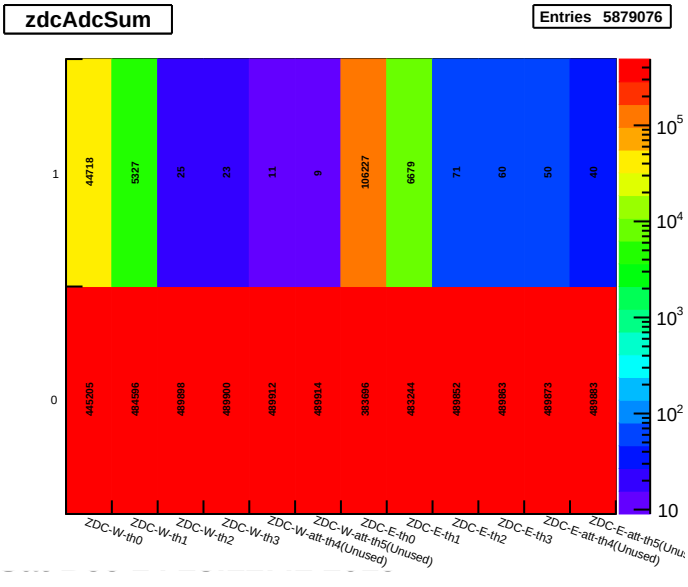

vpdWestTacMaxVsSimu
Entries 374161
Data
Simu

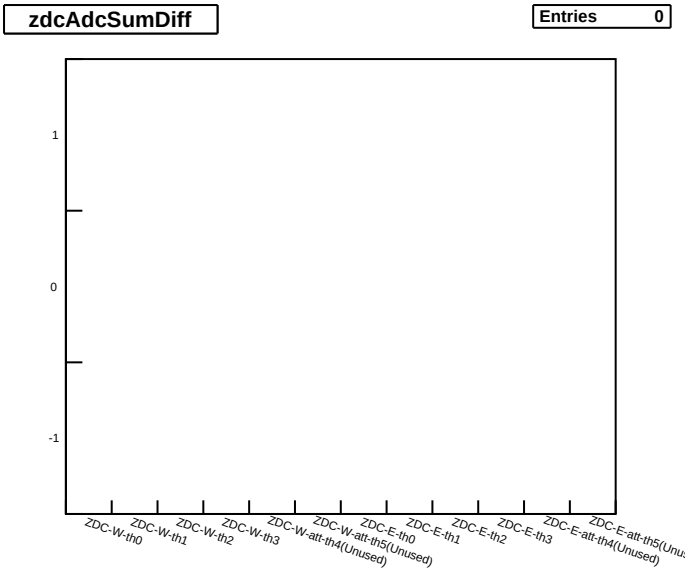

zdcEastTac
Entries 489923

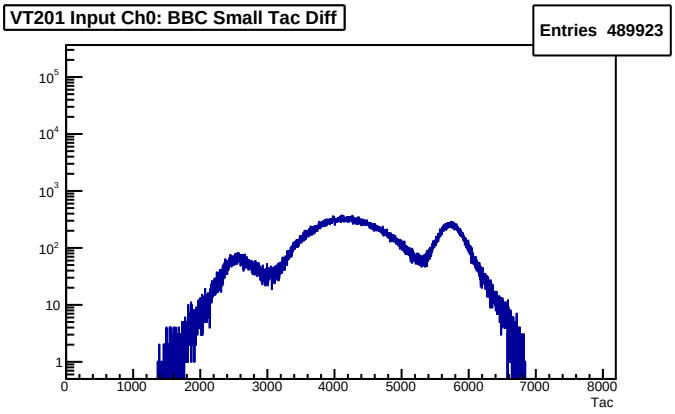

zdcEastTacVsSimu
Entries 1352
Data
Simu

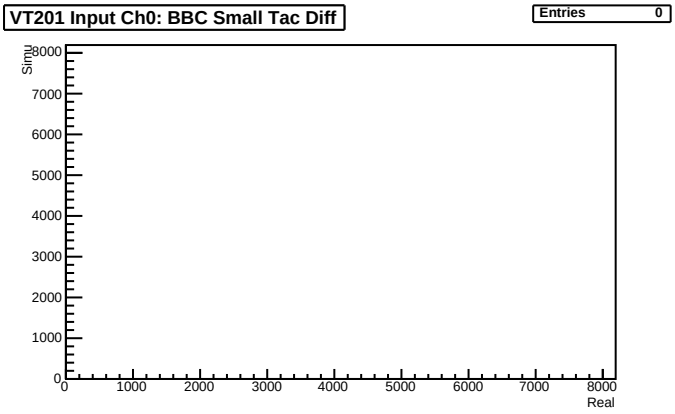

zdcWestTac
Entries 489923

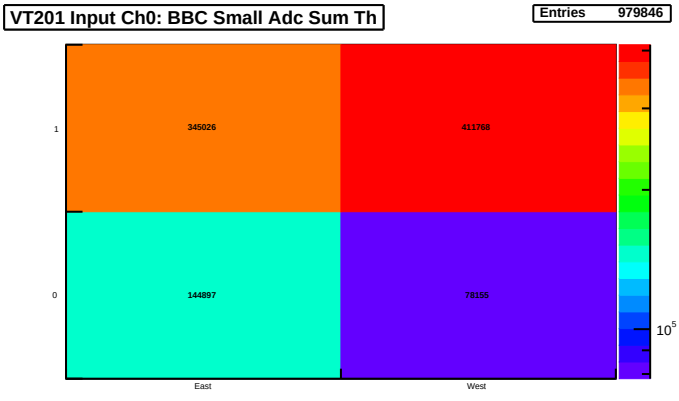

zdcWestTacVsSimu
Entries 3211
Data
Simu

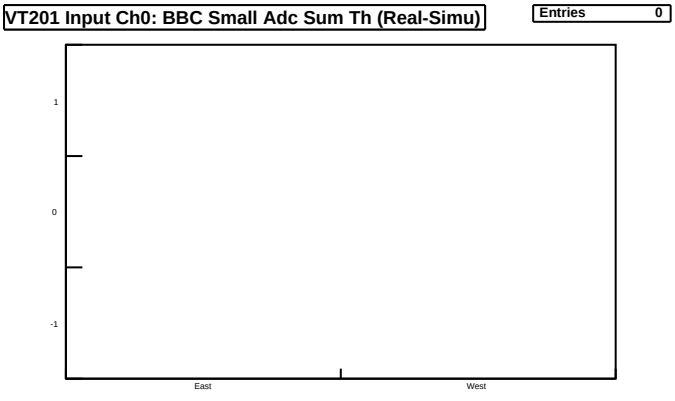

zdcAdcSum
Entries 5879076
44718
5327
25
23
11
9
106227
6679
71
60
50
40
445205
484596
489898
489900
489912
489914
383696
483244
489852
489863
489873
489883
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

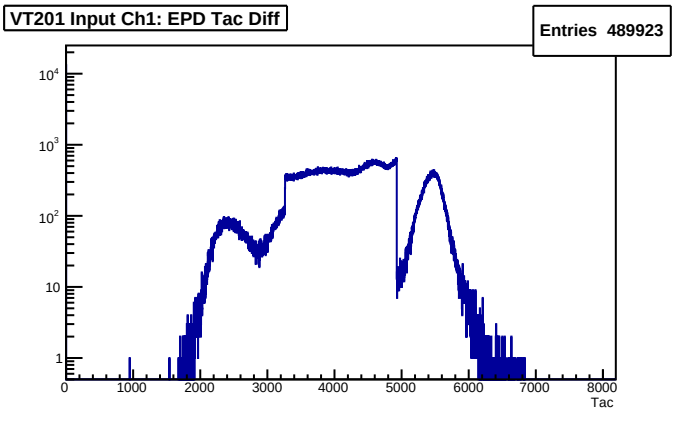

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

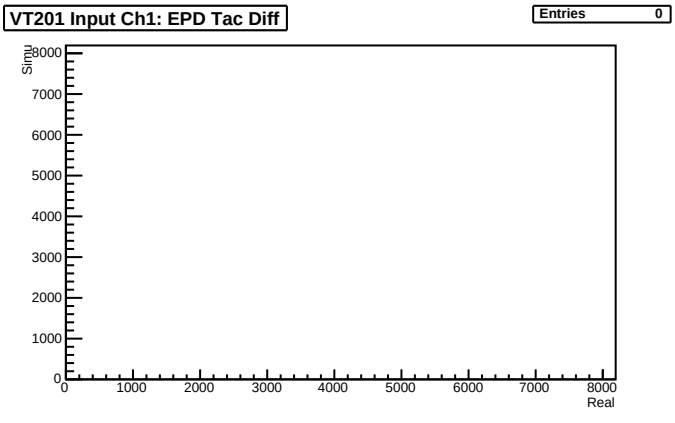

VT201 Input Ch0: BBC Small Tac Diff
Entries 489923
Tac

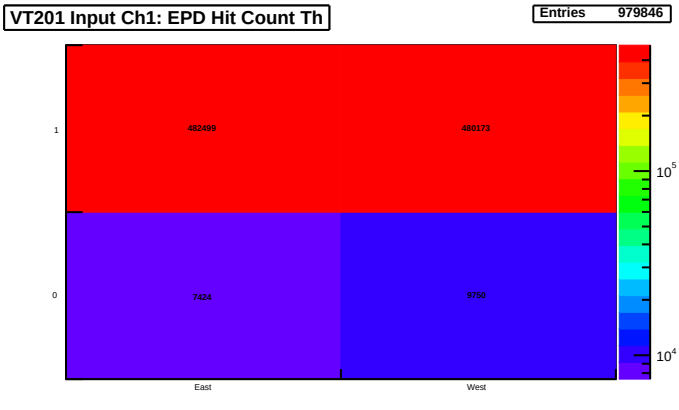

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

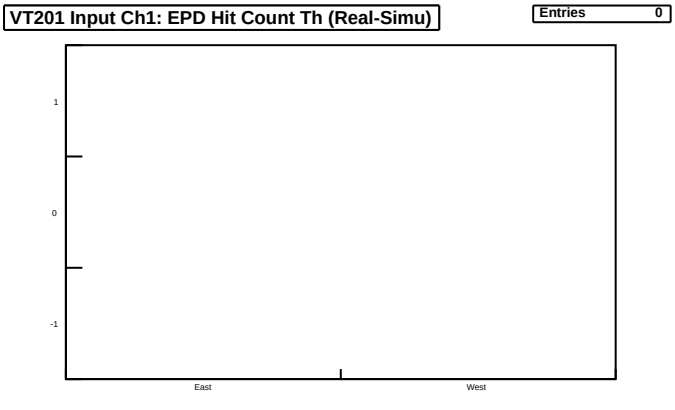

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 979846
345026
411768
144897
78155
East
West

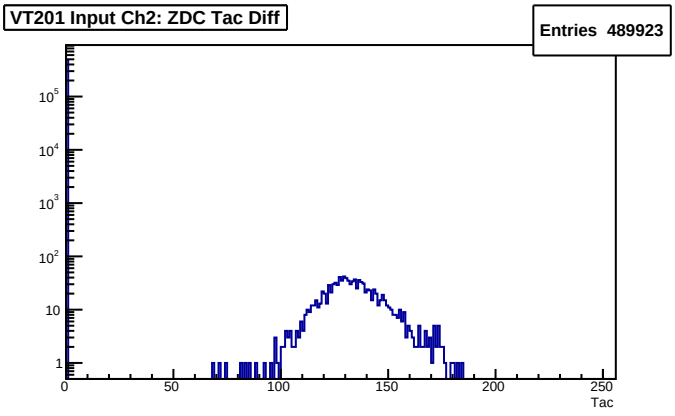

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

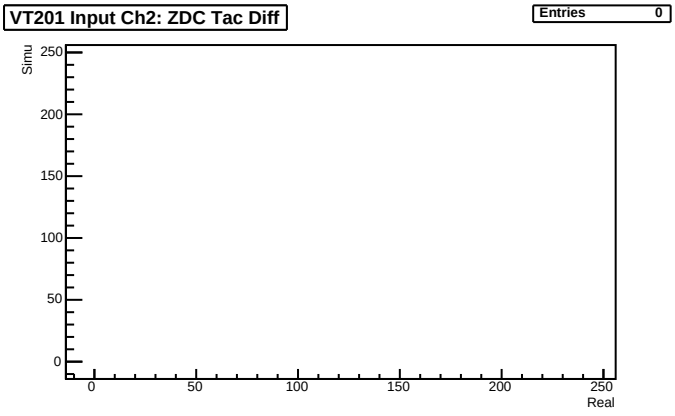

VT201 Input Ch1: EPD Tac Diff
Entries 489923
Tac

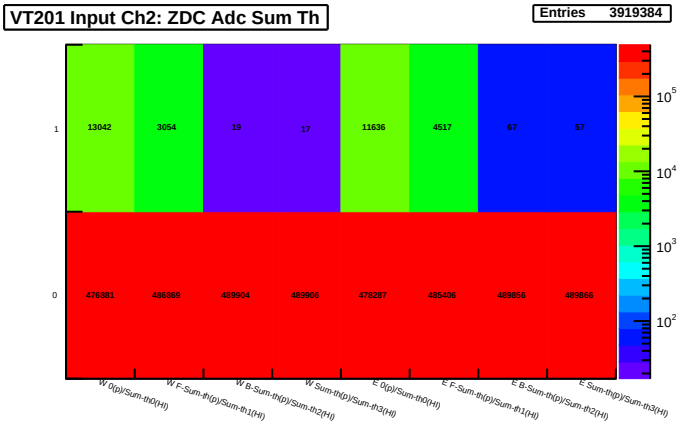

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

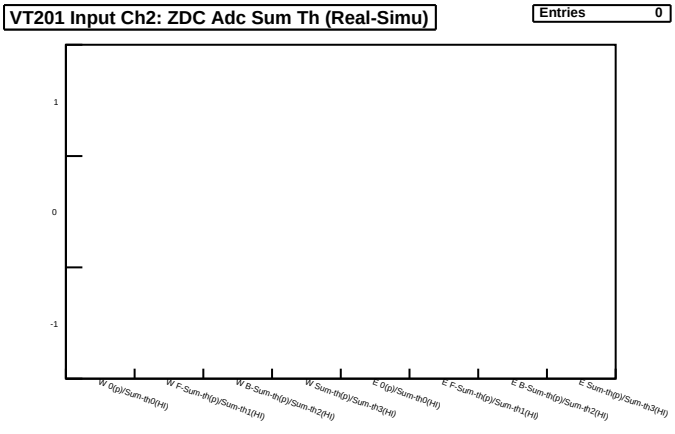

VT201 Input Ch1: EPD Hit Count Th
Entries 979846
482499
480173
7424
9750
East
West

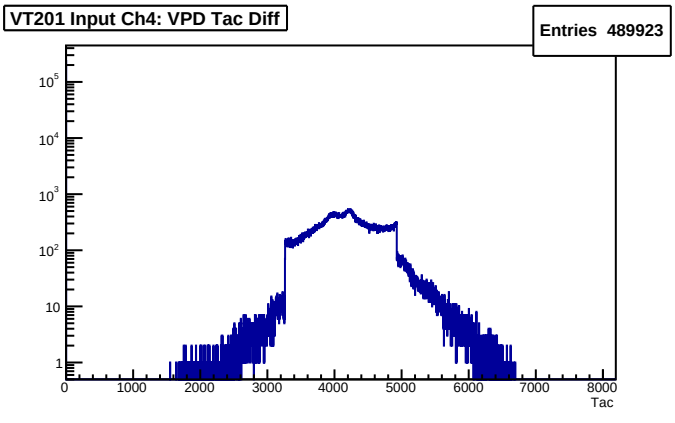

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

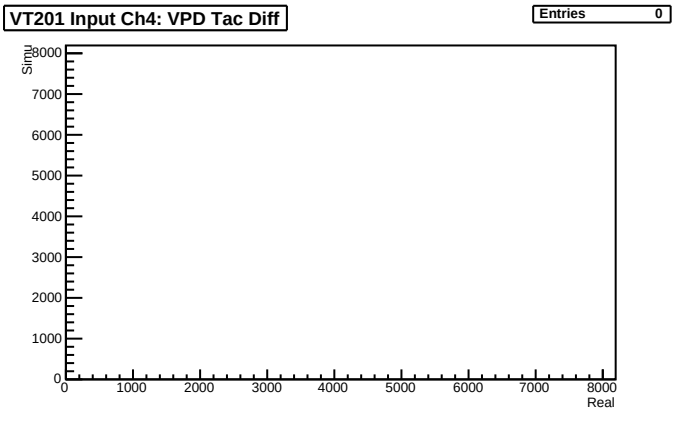

VT201 Input Ch2: ZDC Tac Diff
Entries 489923
Tac

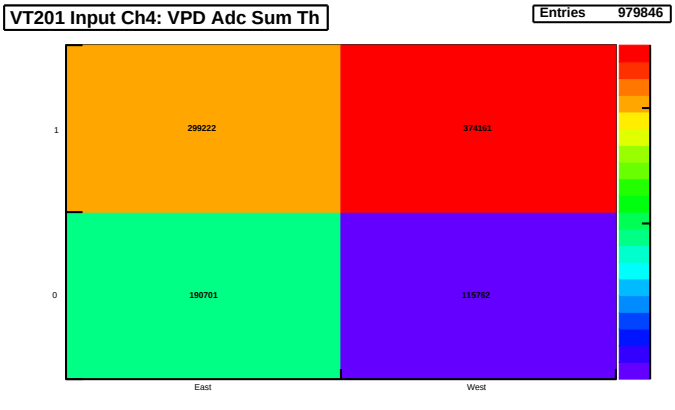

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

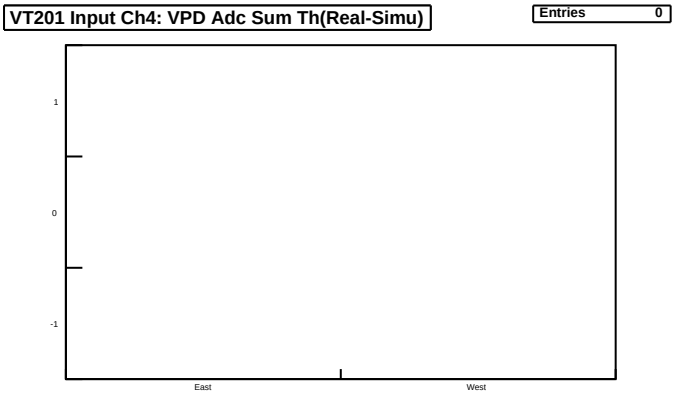

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3919384
13042
3054
19
17
11636
4517
67
57
476881
486869
489904
489906
478287
485406
489856
489866
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

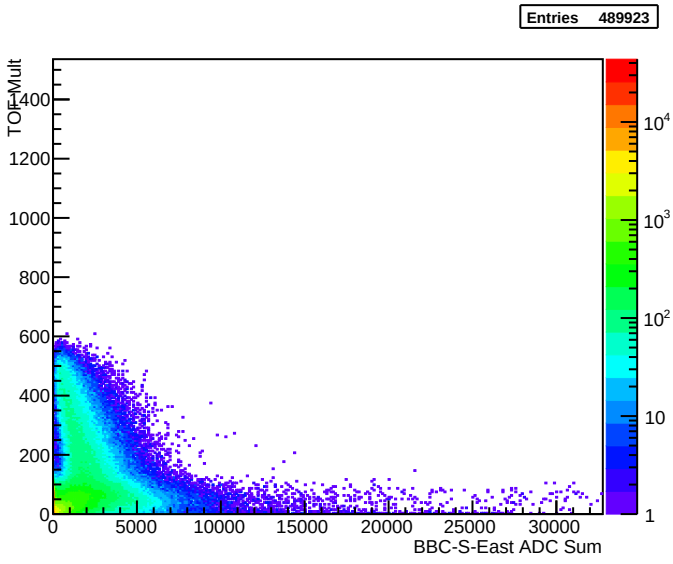

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

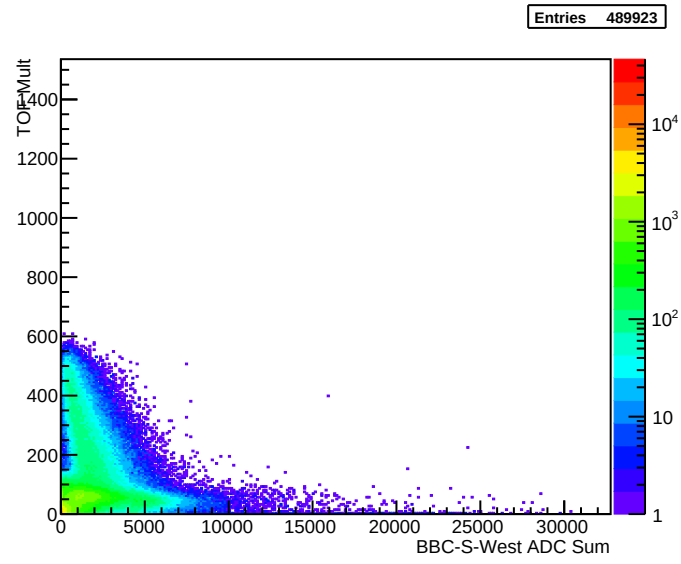

VT201 Input Ch4: VPD Tac Diff
Entries 489923
Tac

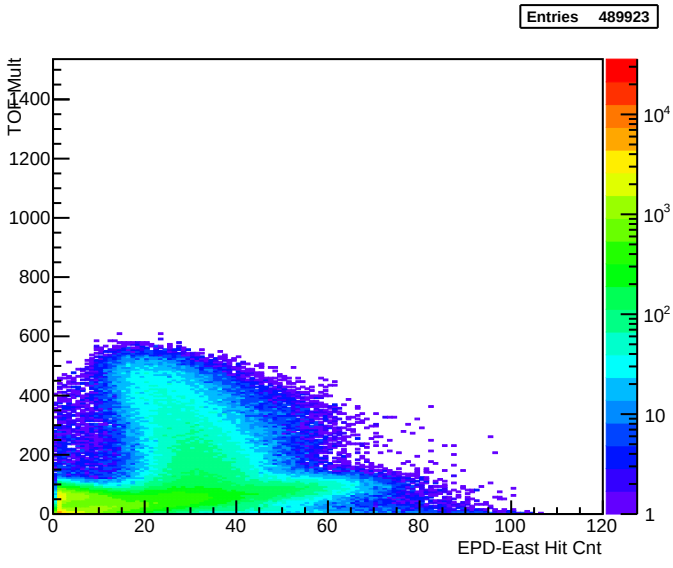

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

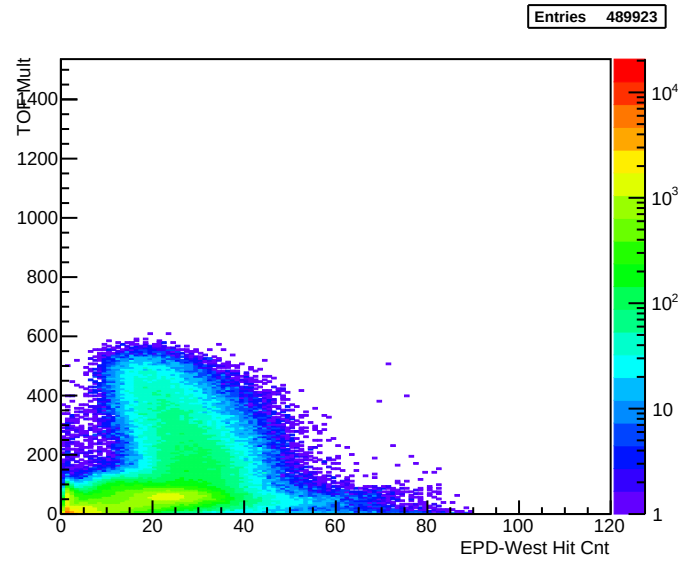

VT201 Input Ch4: VPD Adc Sum Th
Entries 979846
299222
374161
190701
115762
East
West

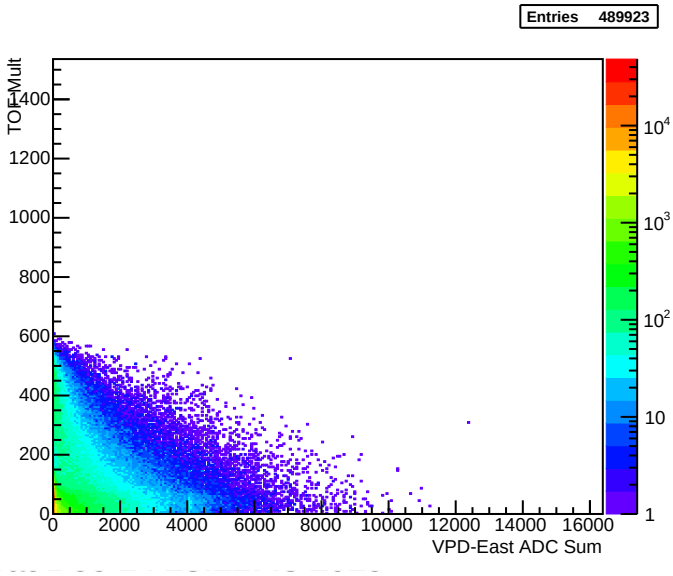

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

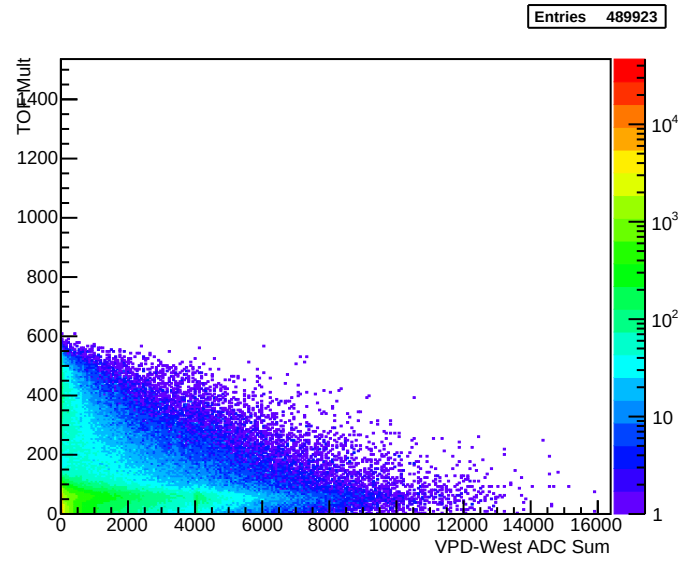

Entries 489923
TOF-Mult
BBC-S-East ADC Sum

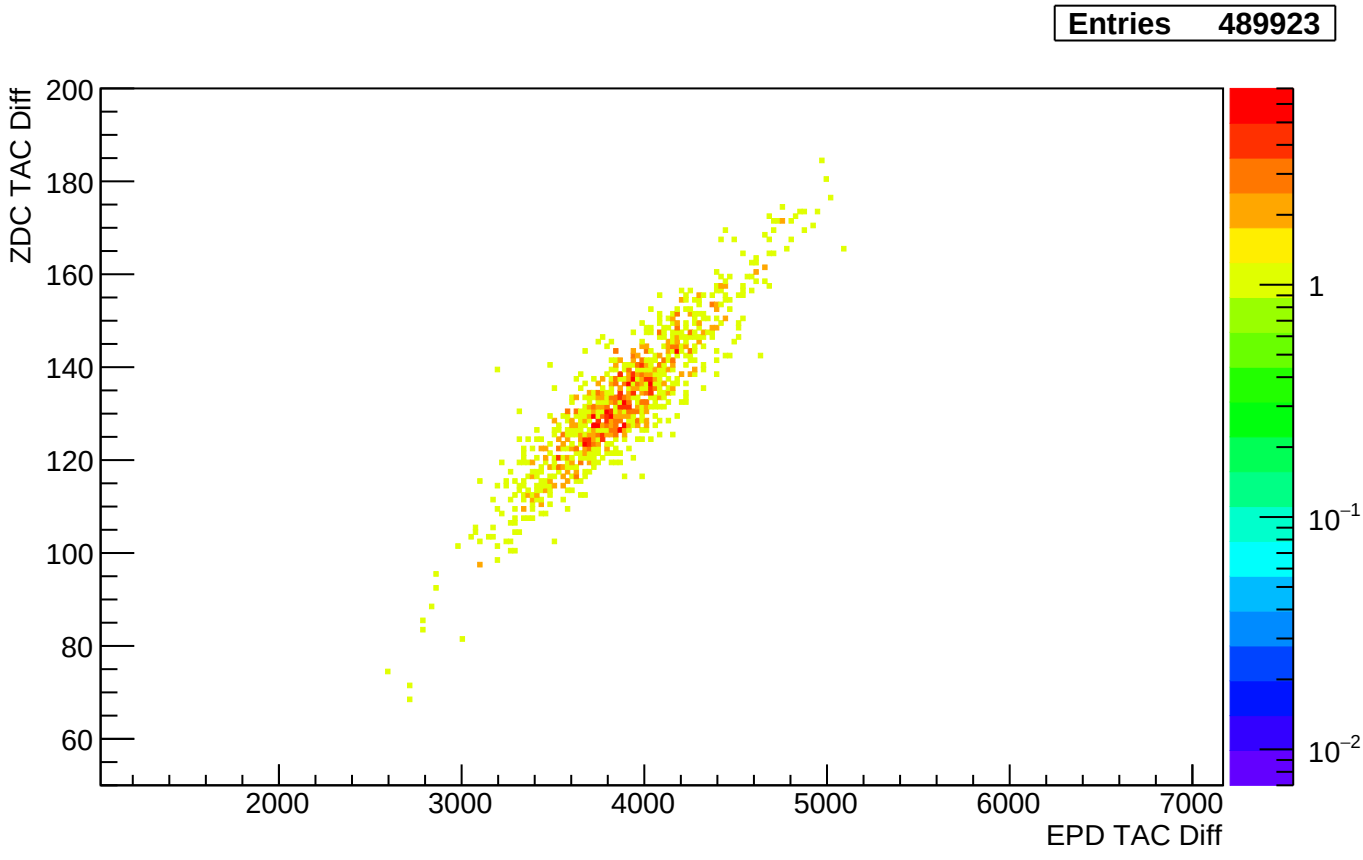

Entries 489923
TOF-Mult
BBC-S-West ADC Sum

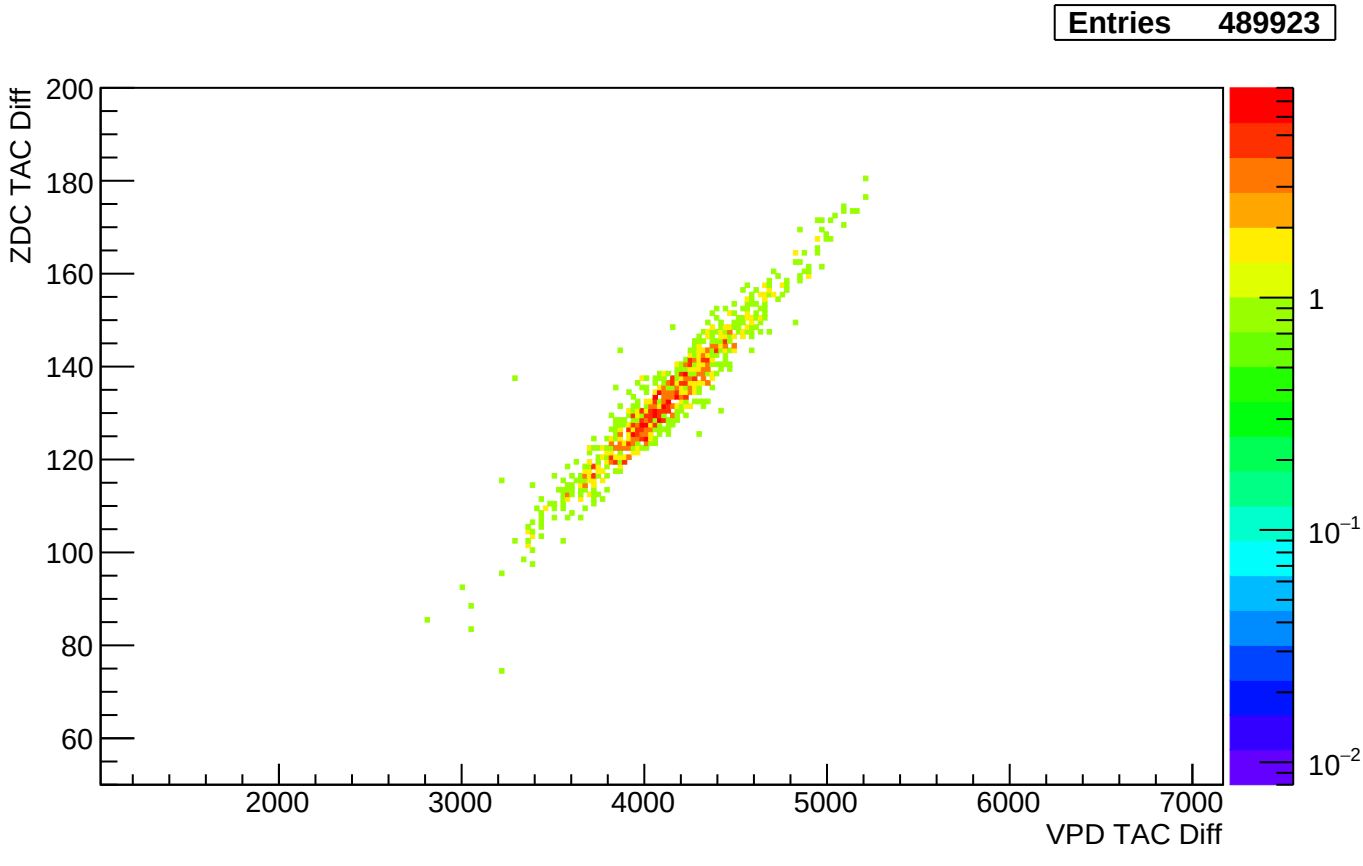

Entries 489923
TOF-Mult
EPD-East Hit Cnt

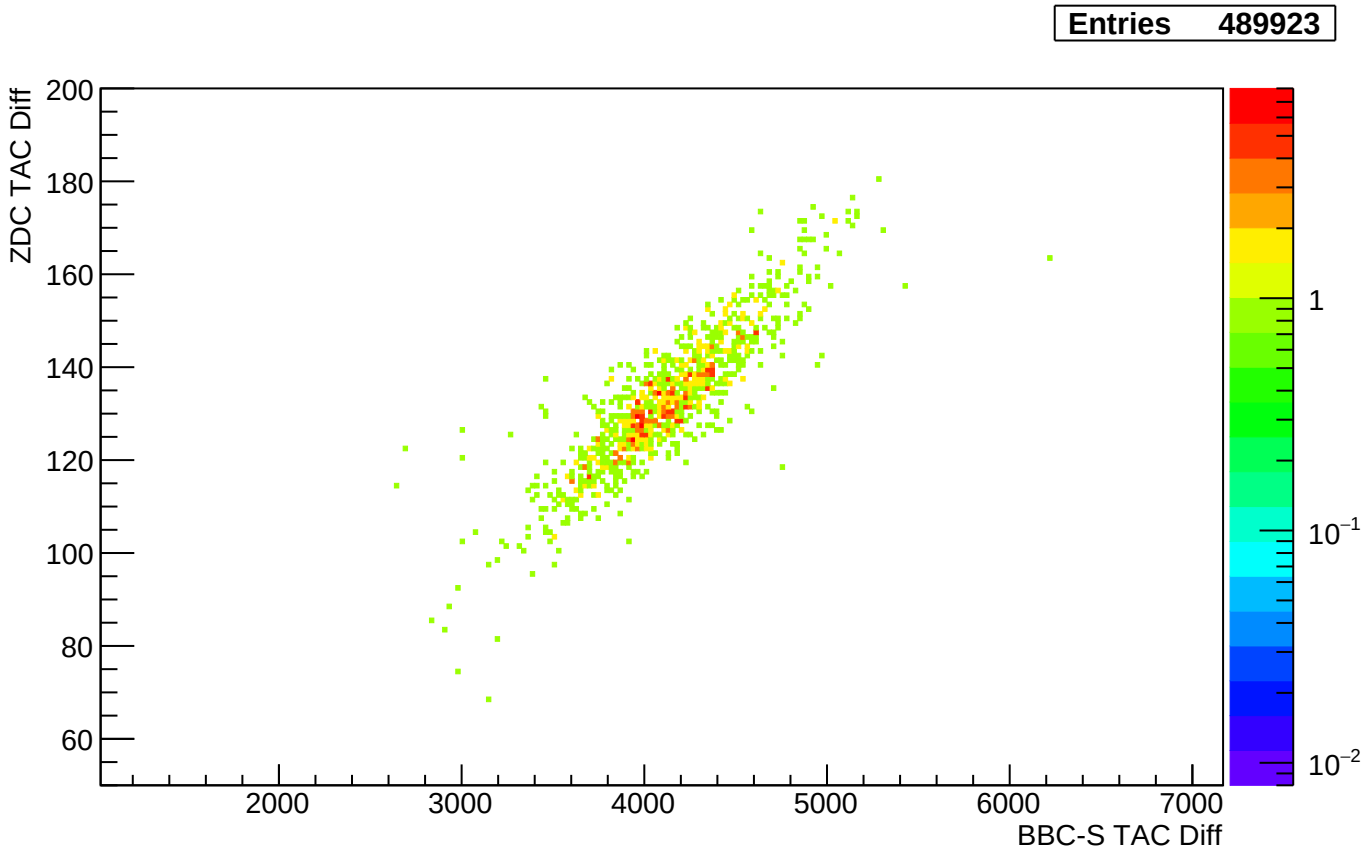

Entries 489923
TOF-Mult
EPD-West Hit Cnt

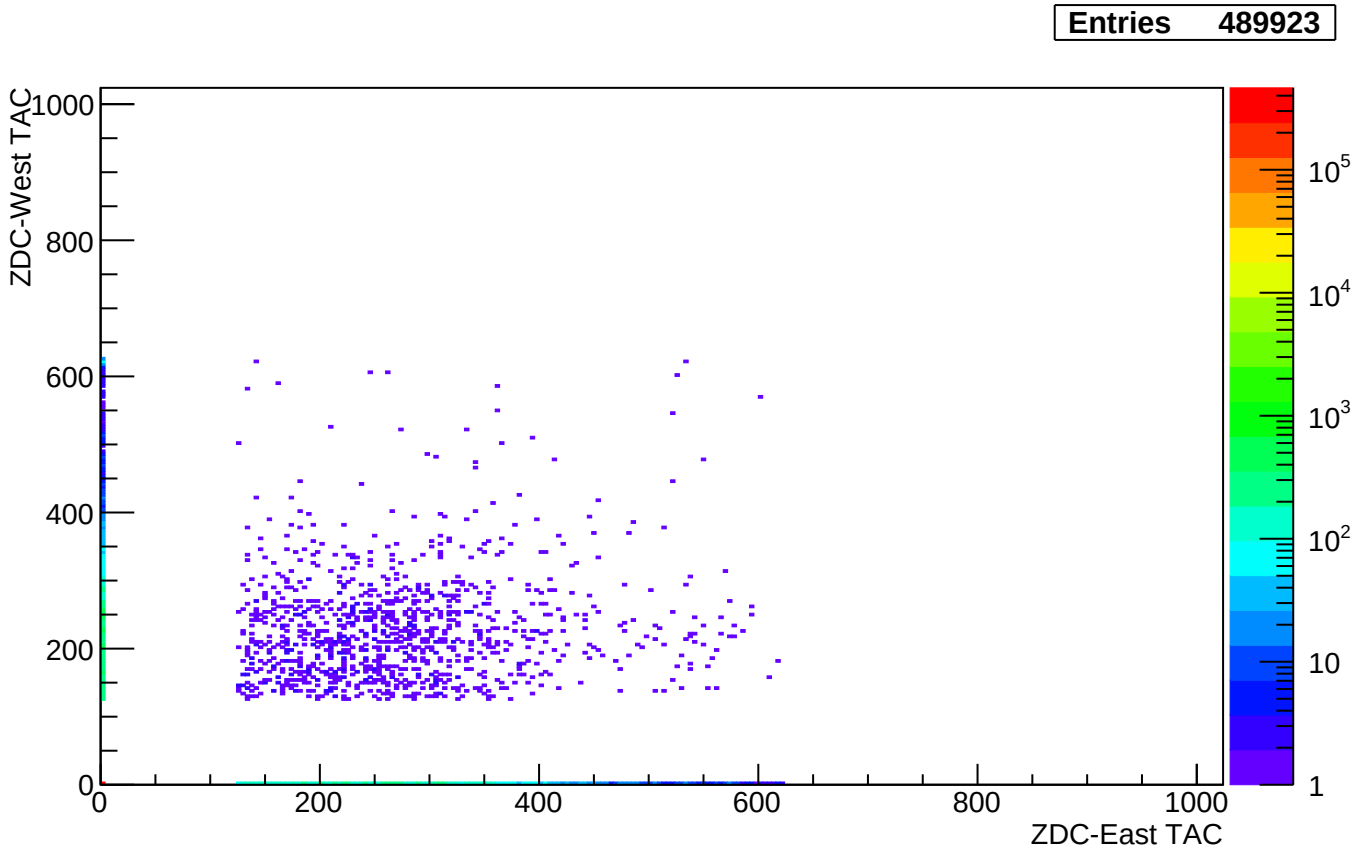

Entries 489923
TOF-Mult
VPD-East ADC Sum

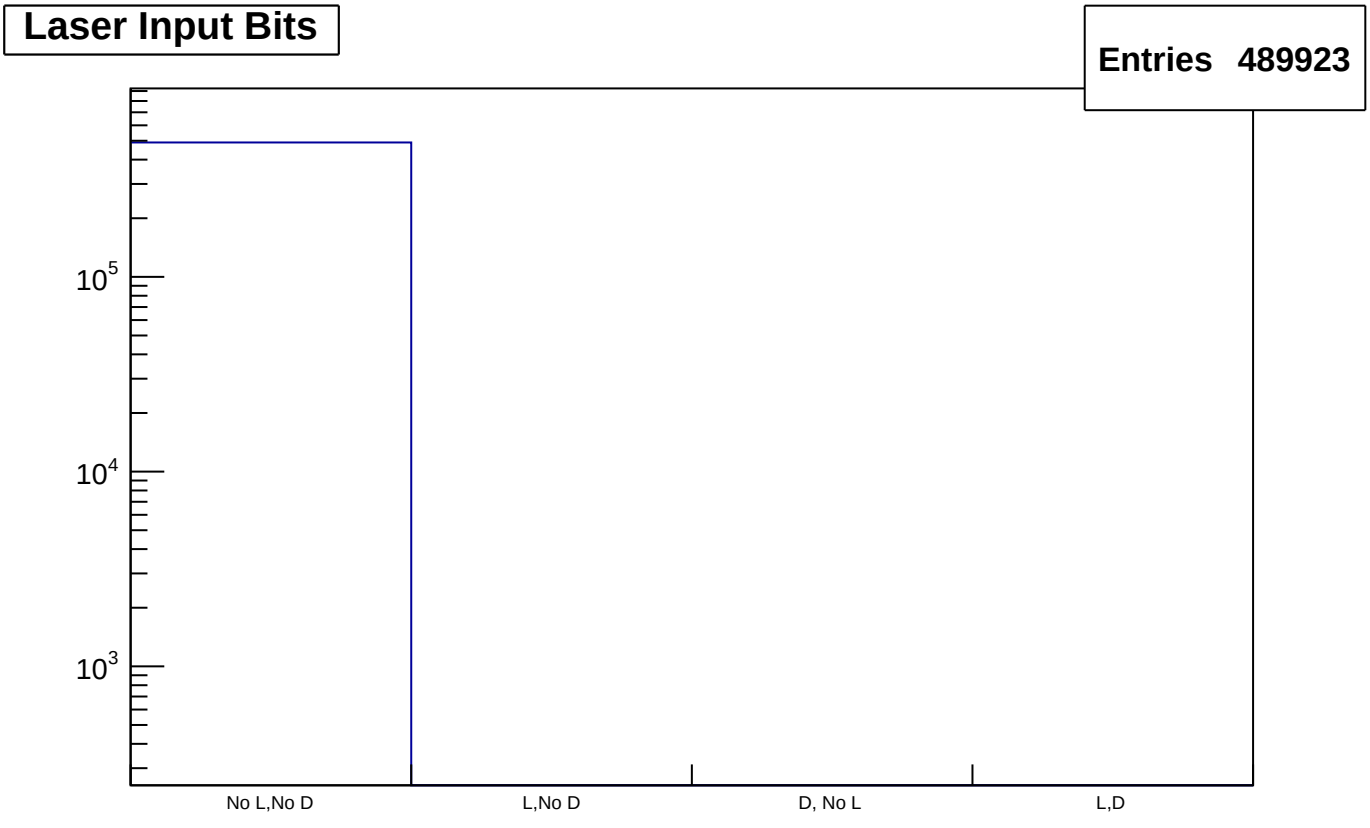

Entries 489923
TOF-Mult
VPD-West ADC Sum

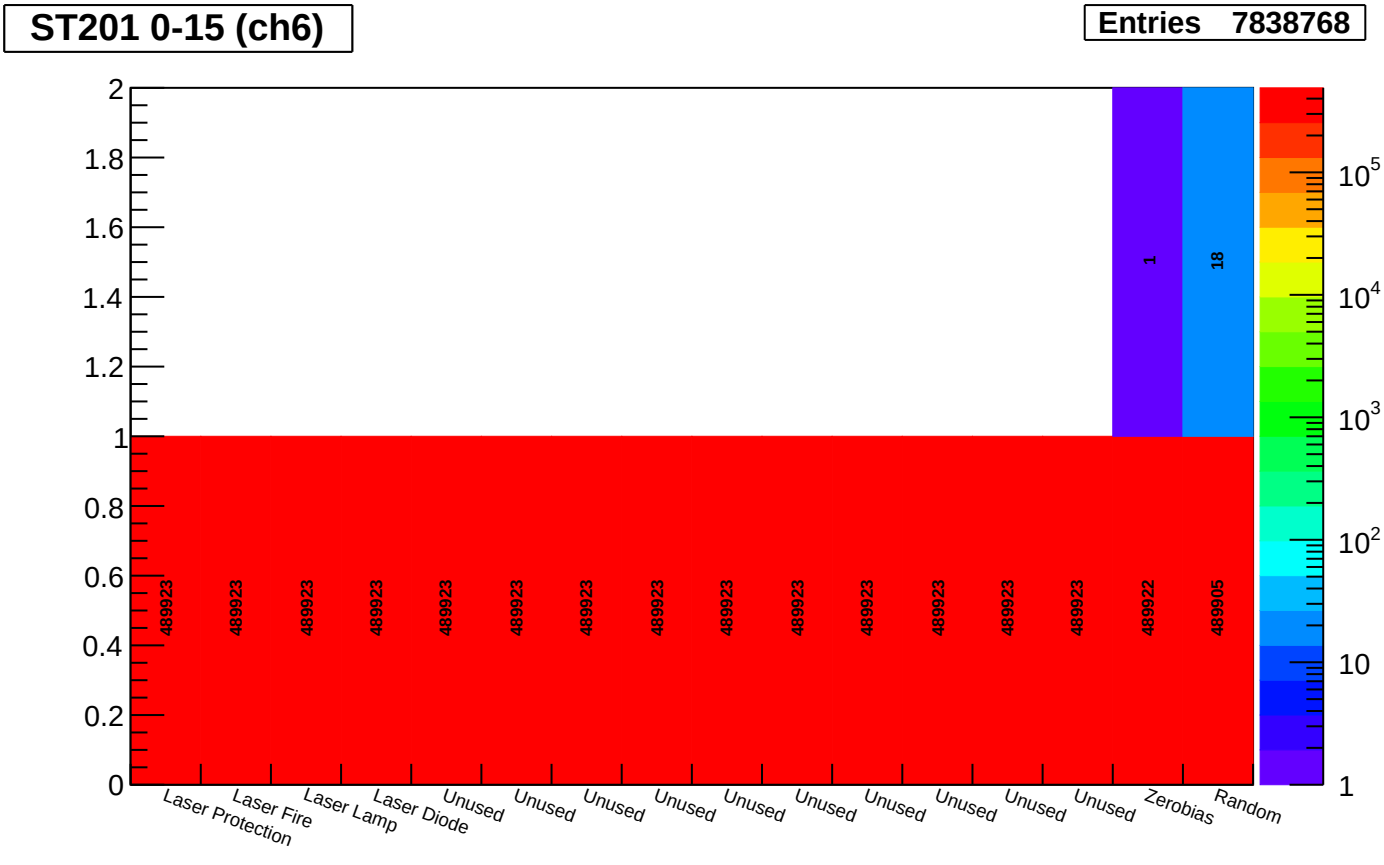

Entries 489923
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

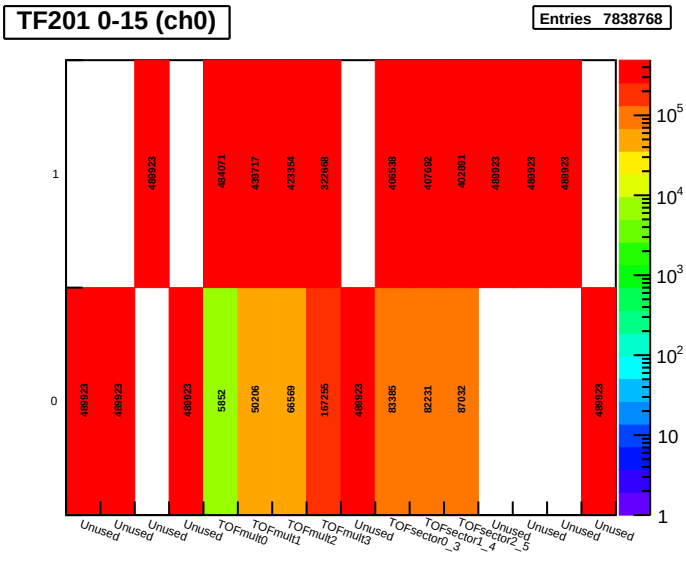

Entries 489923
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

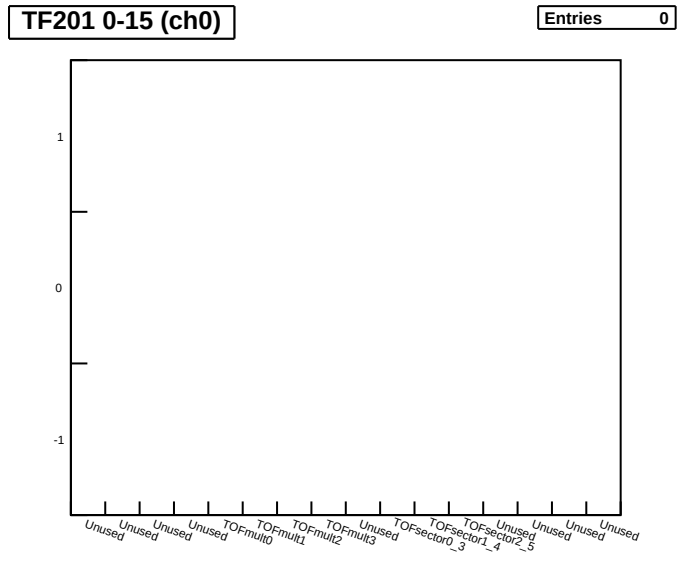

Entries 489923
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

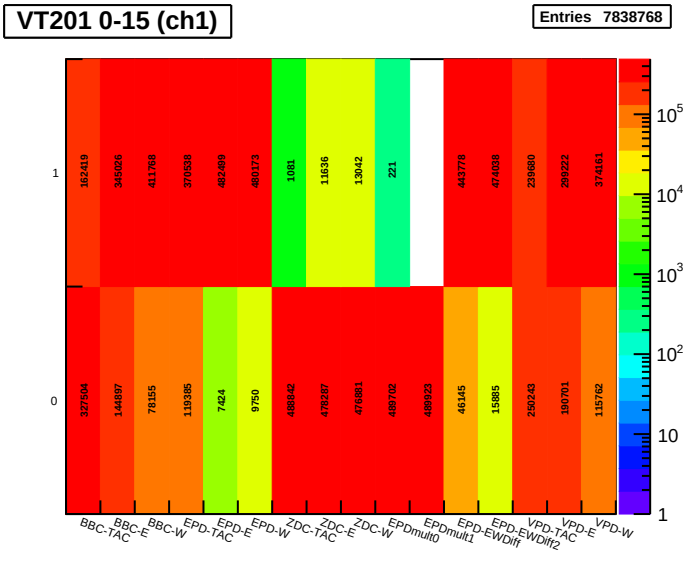

Entries 489923
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

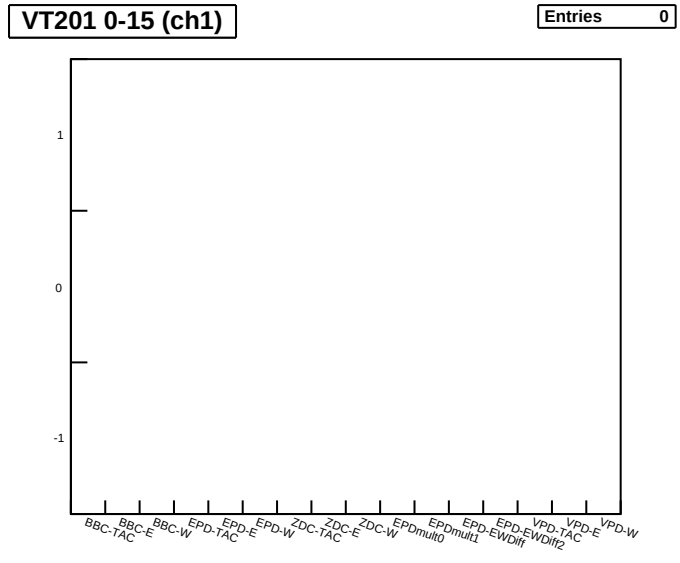

Laser Input Bits
Entries 489923
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

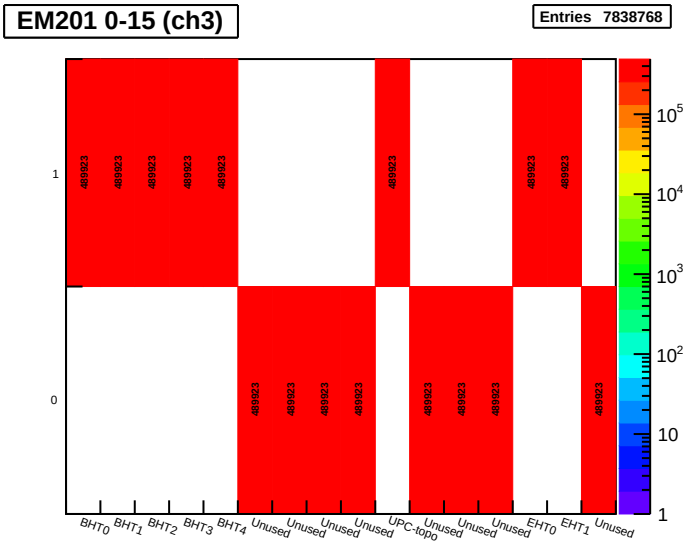

ST201 0-15 (ch6)
Entries 7838768
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
489923
489923
489923
489923
489923
489923
489923
489923
489923
489923
489923
489923
489923
489923
489922
489905
1
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

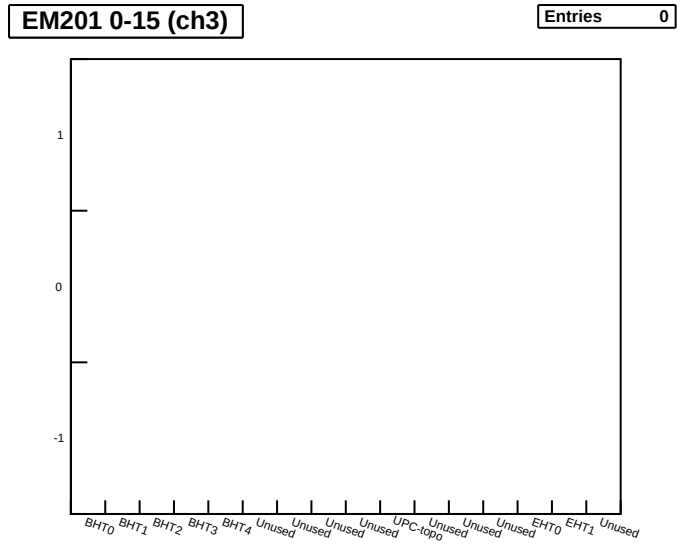

TF201 0-15 (ch0)
Entries 7838768
1
0
489923 489923 489923 484071 439717 423354 322668 406538 407692 402891 489923 489923 489923
489923 489923 489923 5852 50206 66569 167255 489923 83385 82231 87032 489923
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 7838768
1
0
162419 345026 411768 370538 482499 480173 1081 11636 13042 221 443778 474038 239680 299222 374161
327504 144897 78155 119385 7424 9750 488842 478287 476881 489702 489923 46145 15885 250243 190701 115762
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 7838768
1
0
489923 489923 489923 489923 489923 489923 489923 489923
489923 489923 489923 489923 489923 489923 489923 489923
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