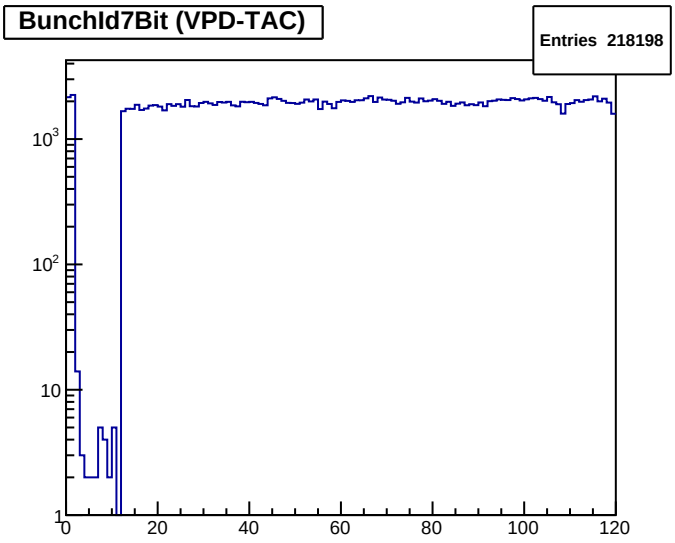
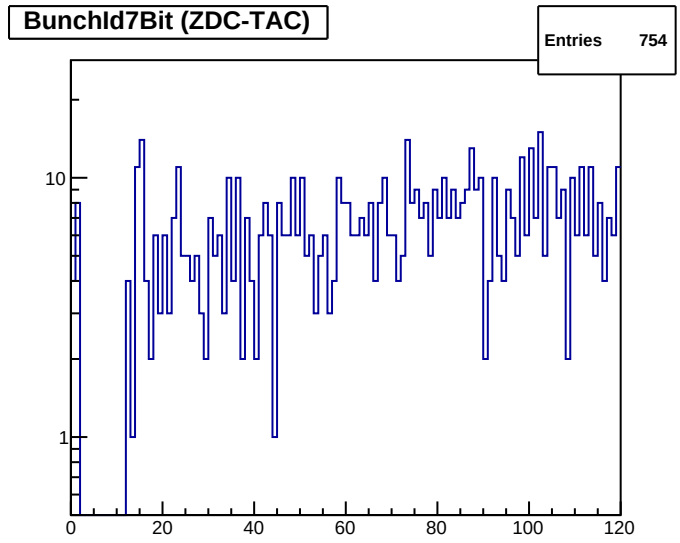
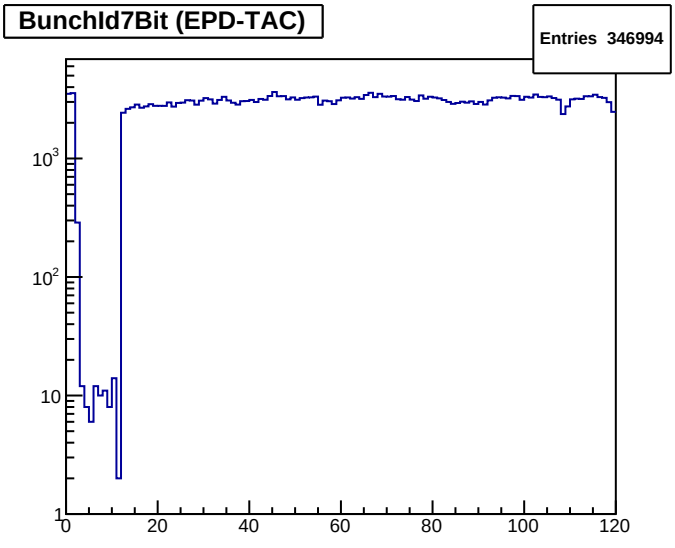
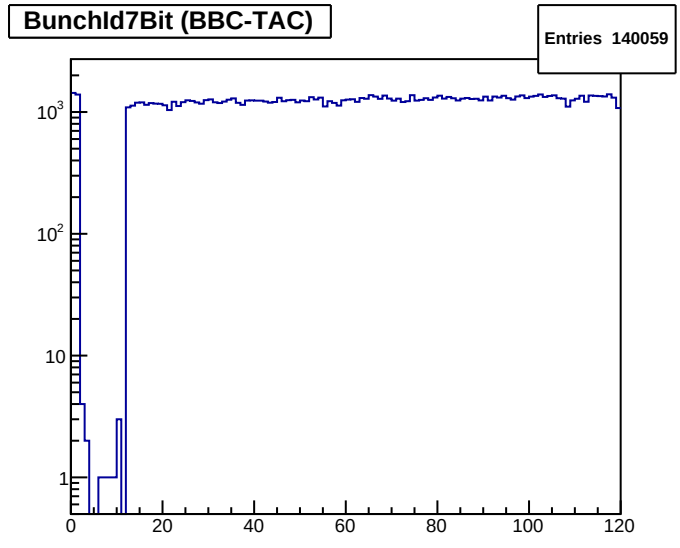
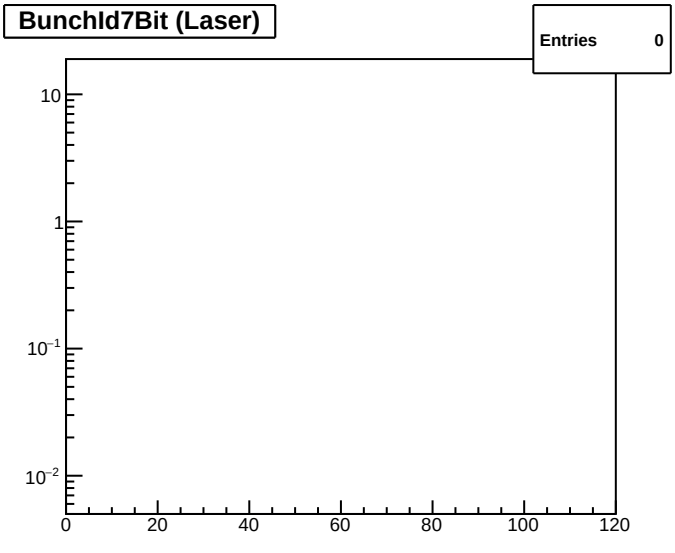
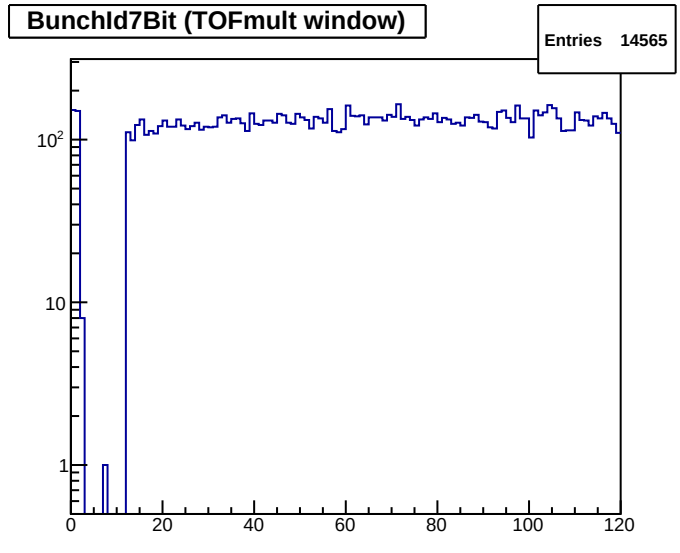

BunchId7Bit (VPD-TAC)
Entries 218198

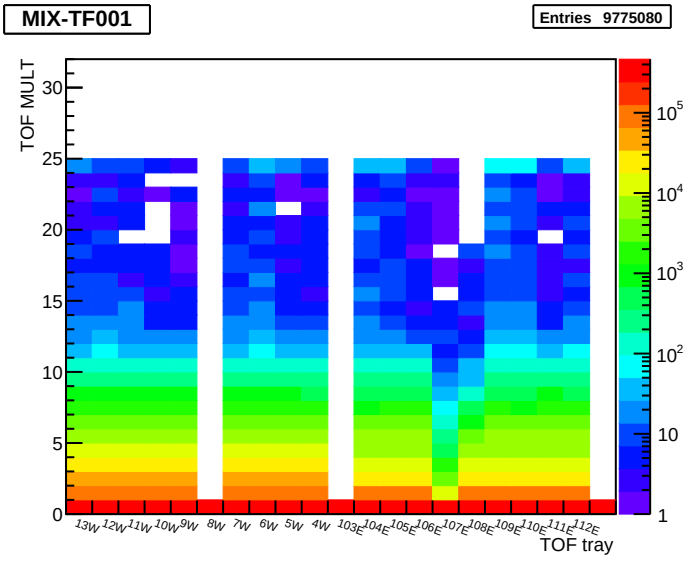

BunchId7Bit (ZDC-TAC)
Entries 754

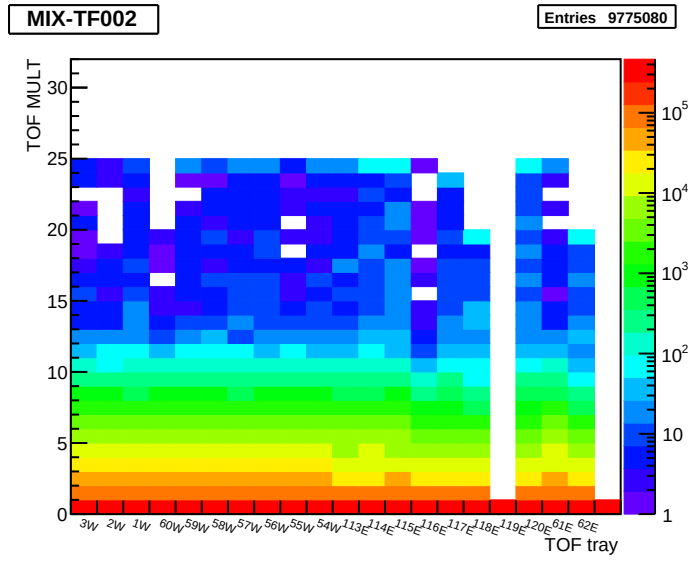

BunchId7Bit (EPD-TAC)
Entries 346994

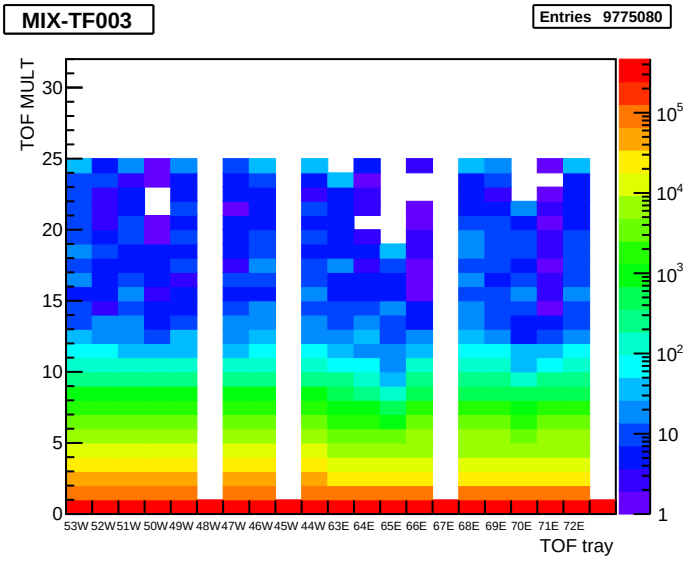

BunchId7Bit (BBC-TAC)
Entries 140059

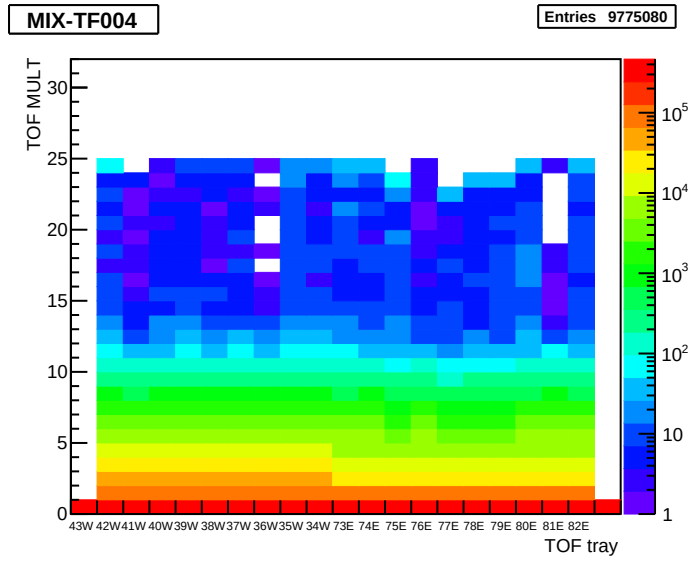

BunchId7Bit (Laser)
Entries 0

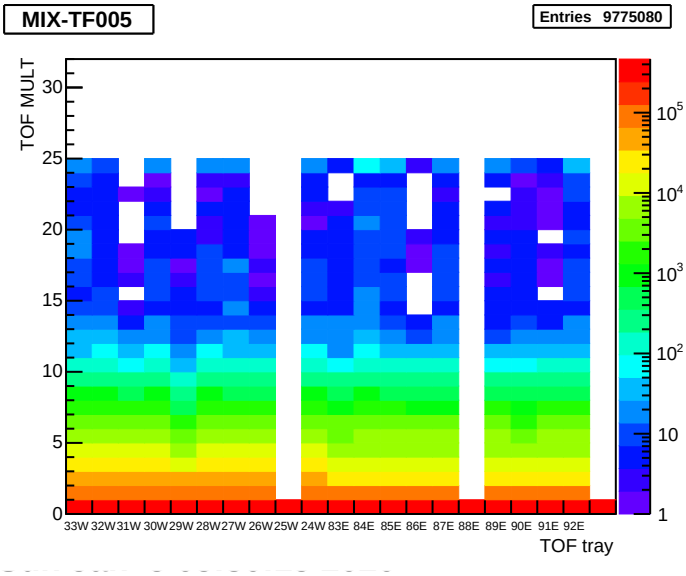

BunchId7Bit (TOFmult window)
Entries 14565

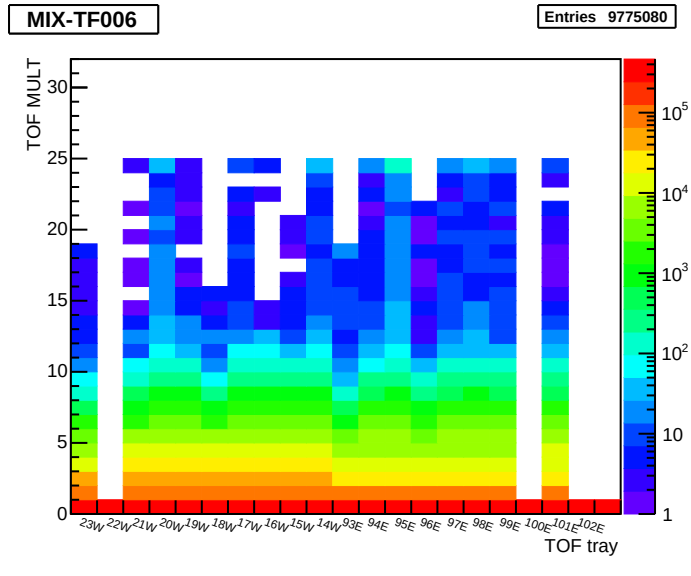

MIX-TF001
Entries 9775080
TOF MULT
TOF tray

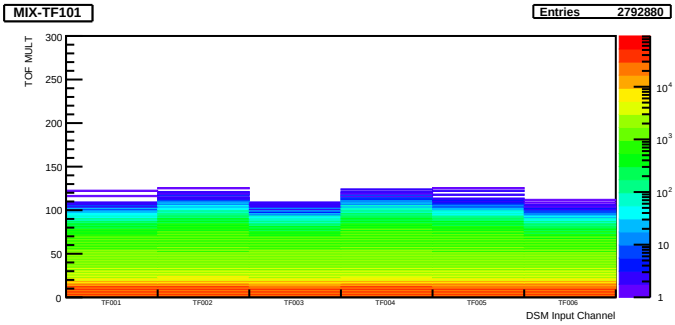

MIX-TF002
Entries 9775080
TOF MULT
TOF tray

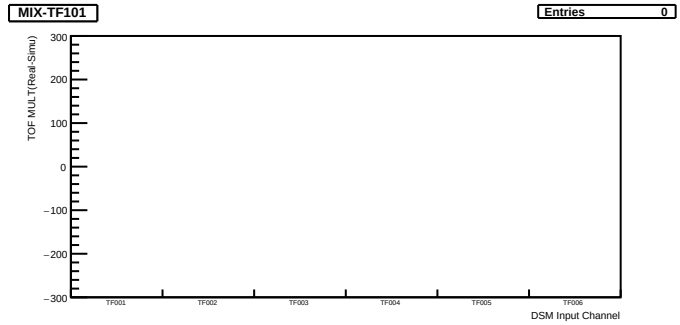

MIX-TF003
Entries 9775080
TOF MULT
TOF tray

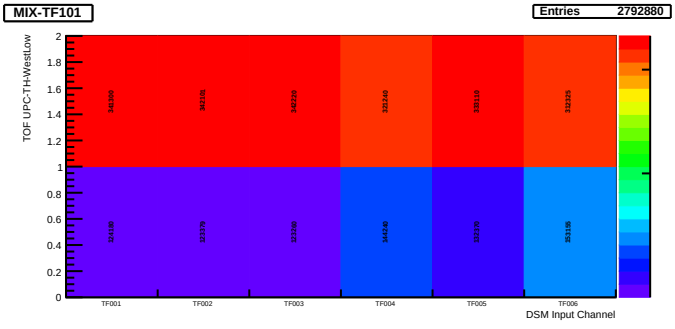

MIX-TF004
Entries 9775080
TOF MULT
TOF tray

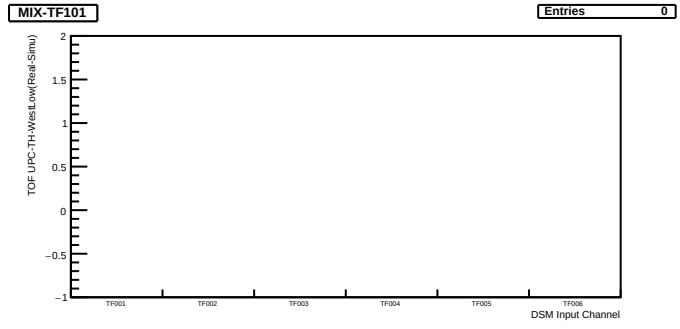

MIX-TF005
Entries 9775080
TOF MULT
TOF tray

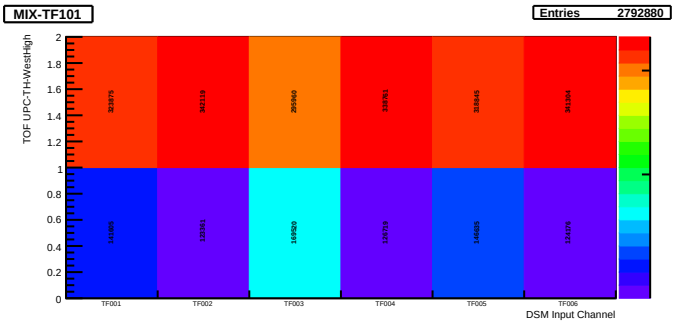

MIX-TF006
Entries 9775080
TOF MULT
TOF tray

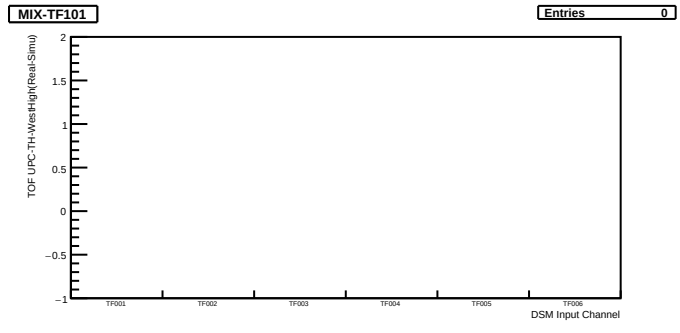

MIX-TF101
Entries 2792880
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

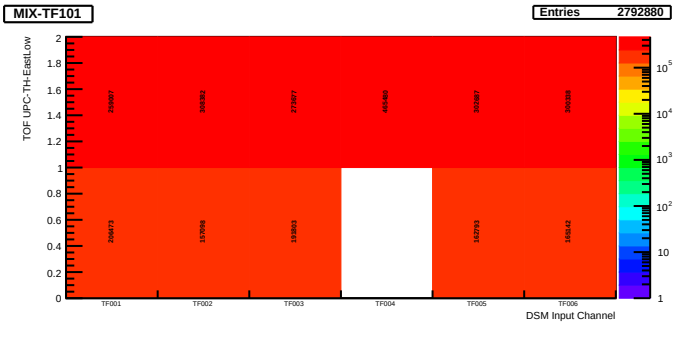

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

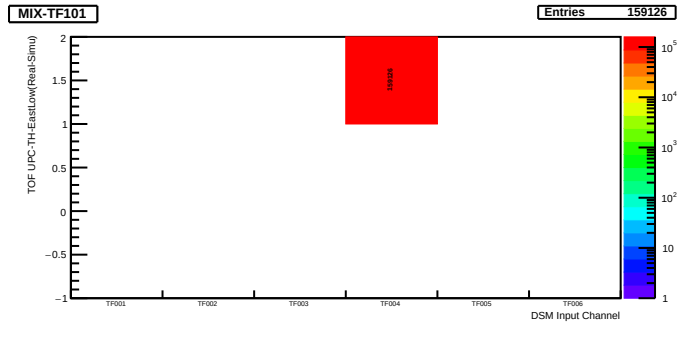

MIX-TF101
Entries 2792880
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

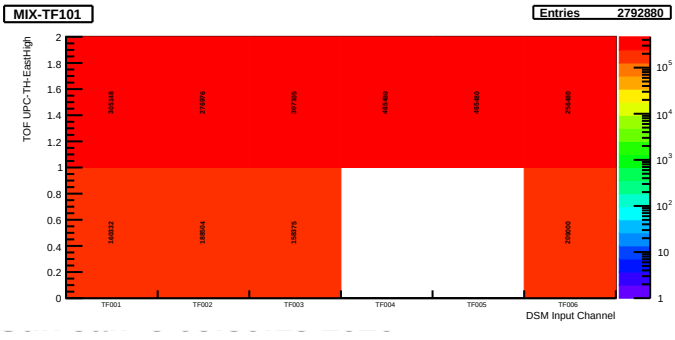

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

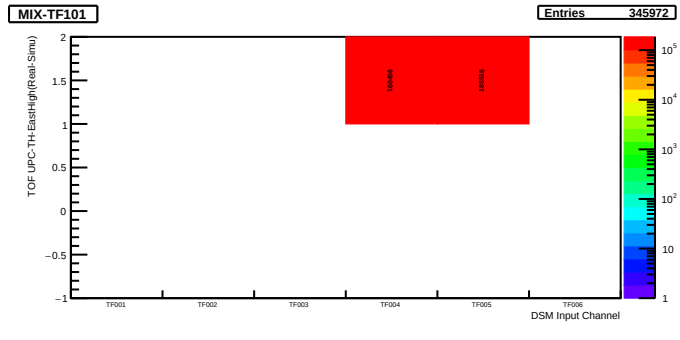

MIX-TF101
Entries 2792880
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

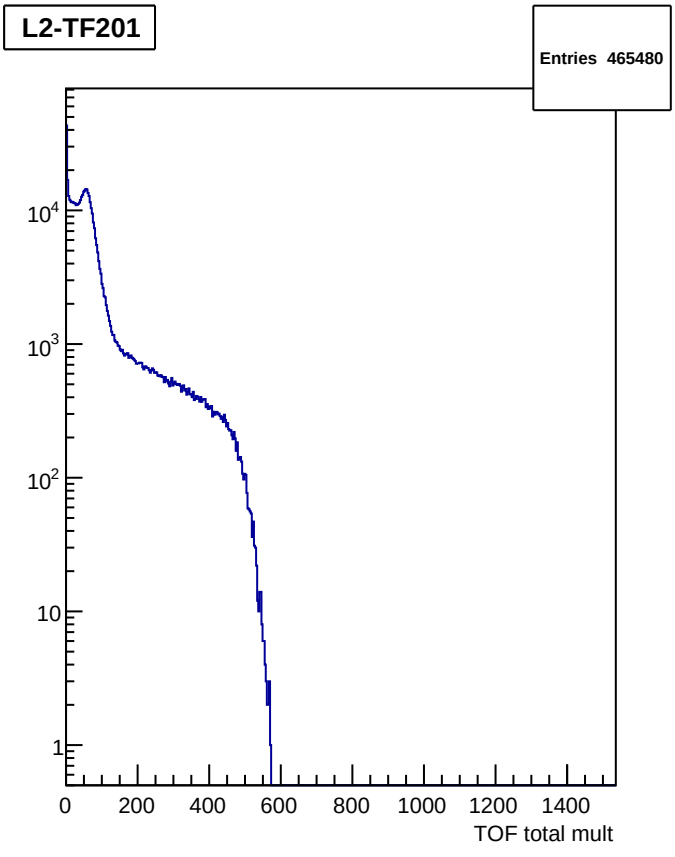

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

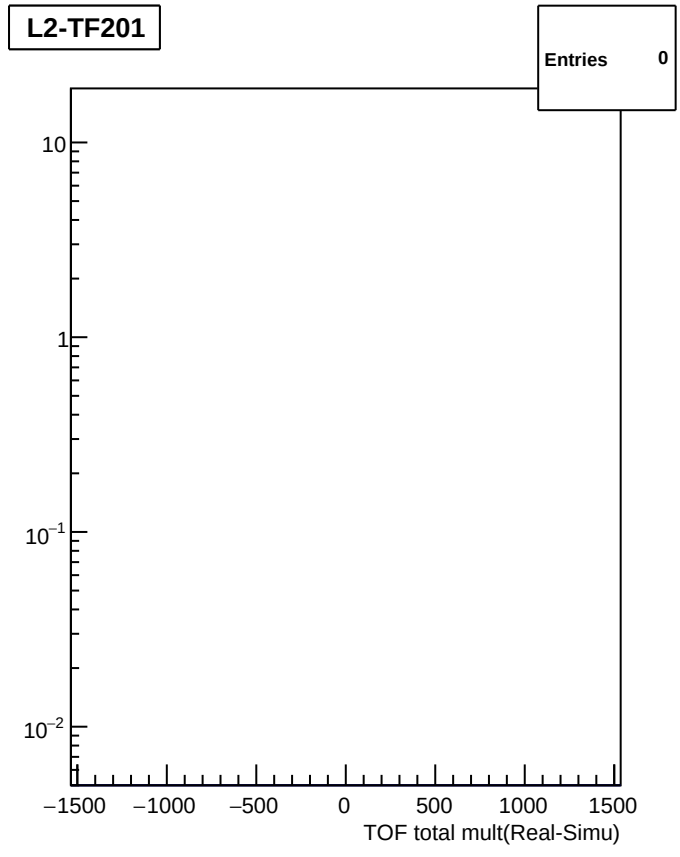

MIX-TF101
Entries 2792880
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

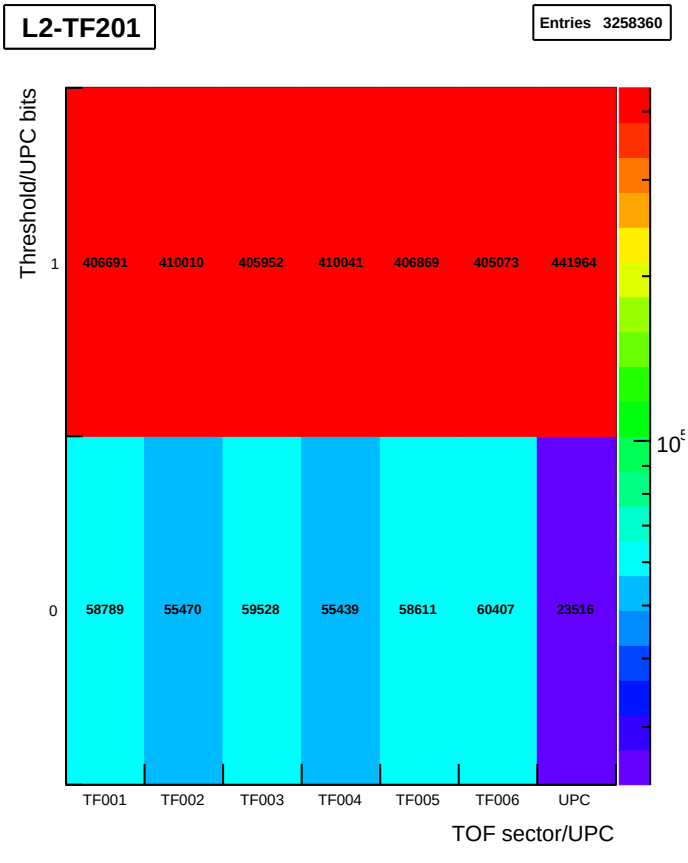

MIX-TF101
Entries 159126
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

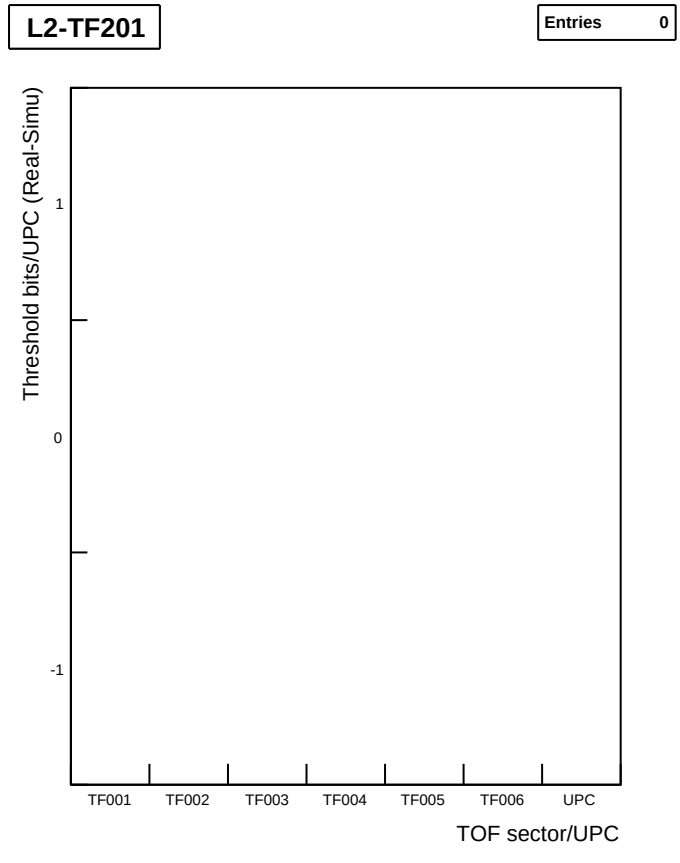

MIX-TF101
Entries 2792880
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

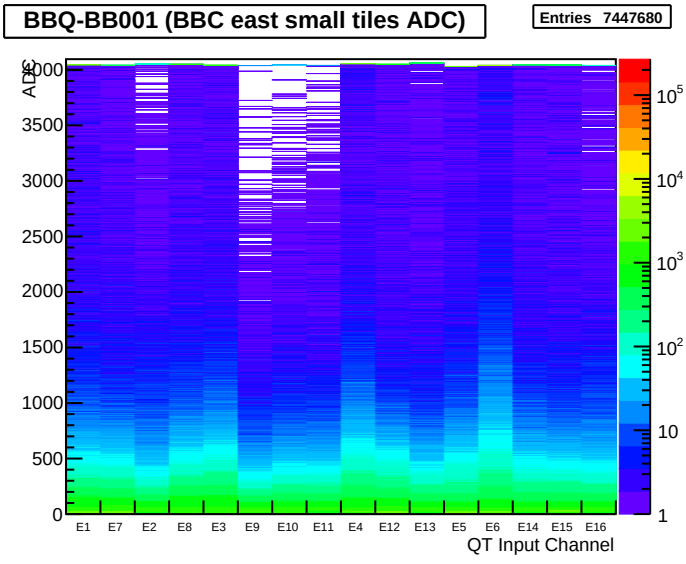

MIX-TF101
Entries 345972
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

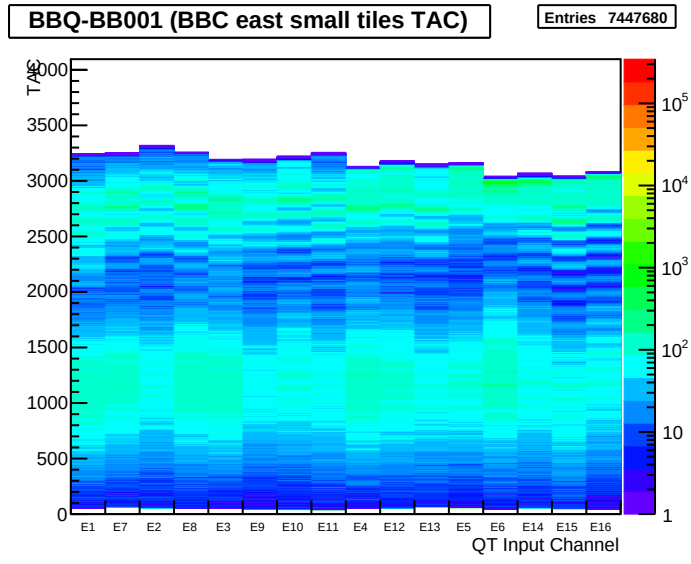

L2-TF201
Entries 465480
TOF total mult

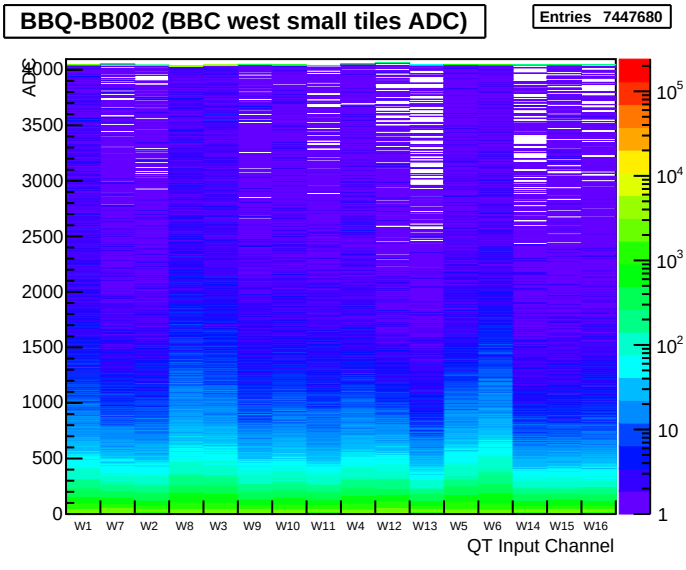

L2-TF201
Entries 0
TOF total mult(Real-Simu)

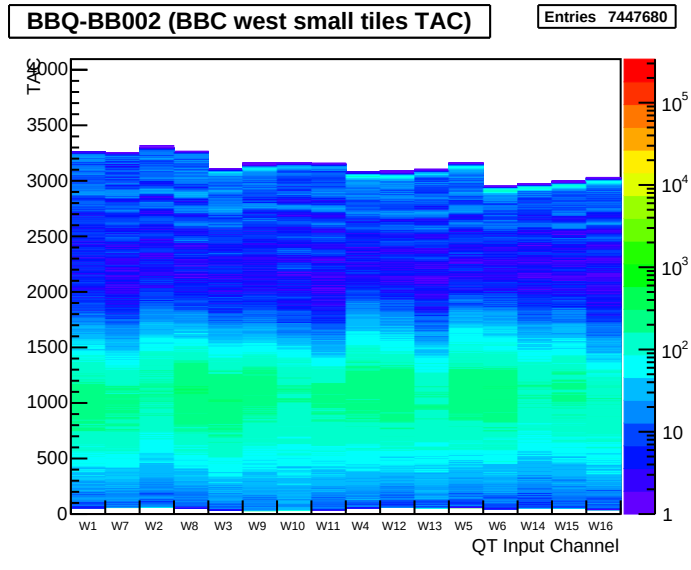

L2-TF201
Entries 3258360
Threshold/UPC bits
406691
410010
405952
410041
406869
405073
441964
58789
55470
59528
55439
58611
60407
23516
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

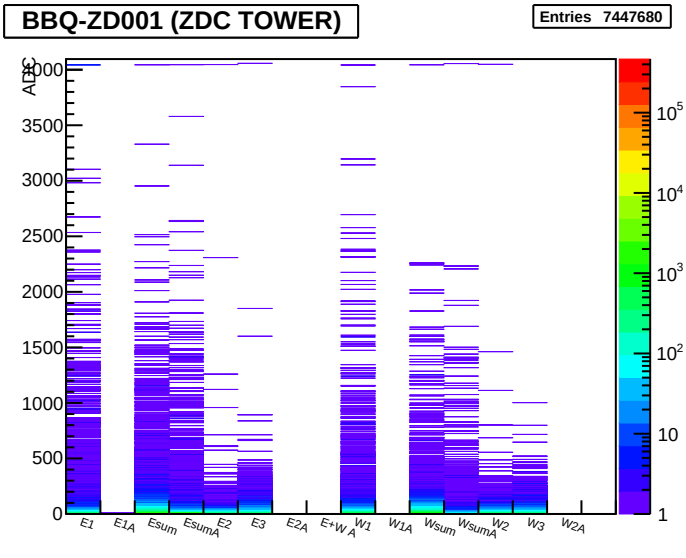

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

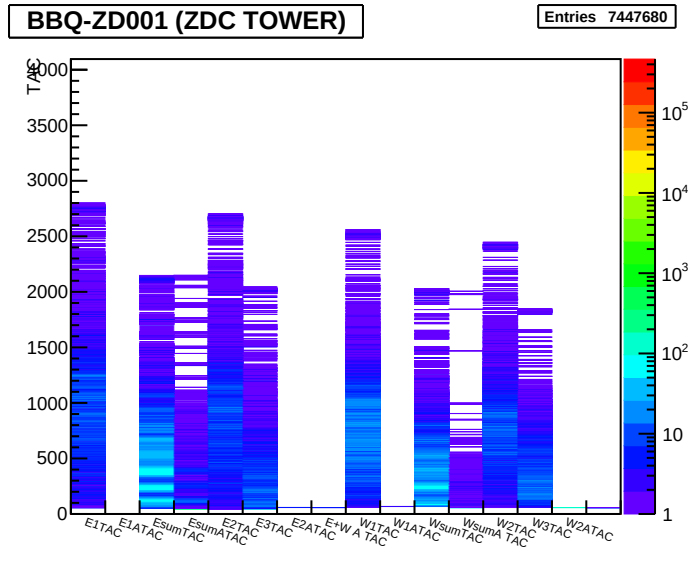

BBQ-BB001 (BBC east small tiles ADC)
Entries 7447680
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

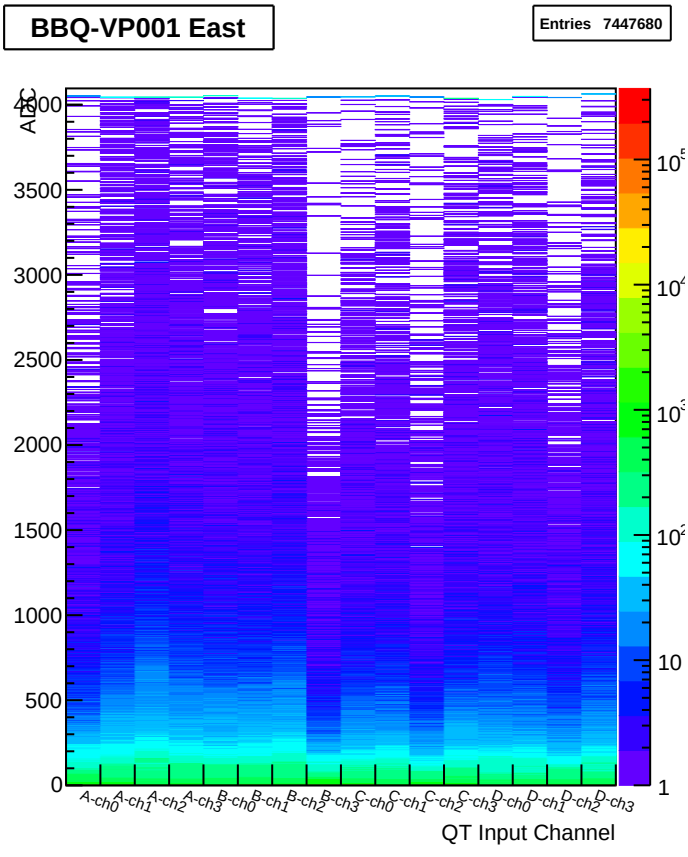

BBQ-BB001 (BBC east small tiles TAC)
Entries 7447680
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

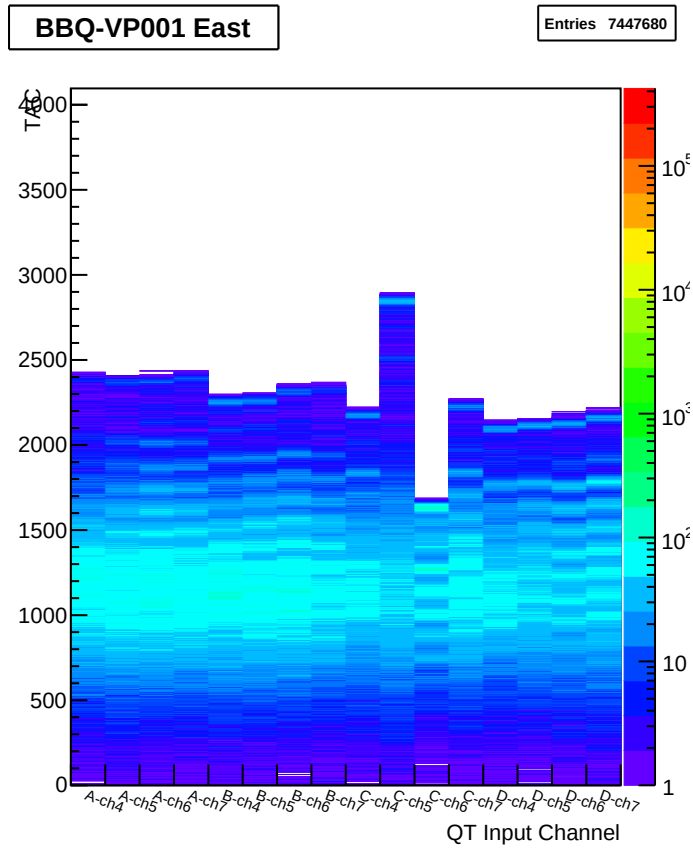

BBQ-BB002 (BBC west small tiles ADC)
Entries 7447680
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

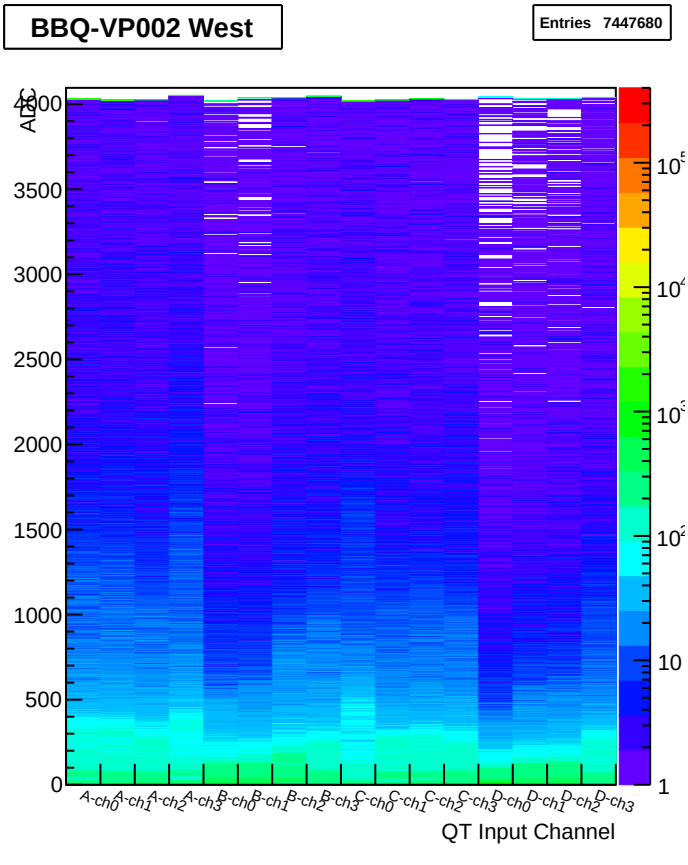

BBQ-BB002 (BBC west small tiles TAC)
Entries 7447680
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

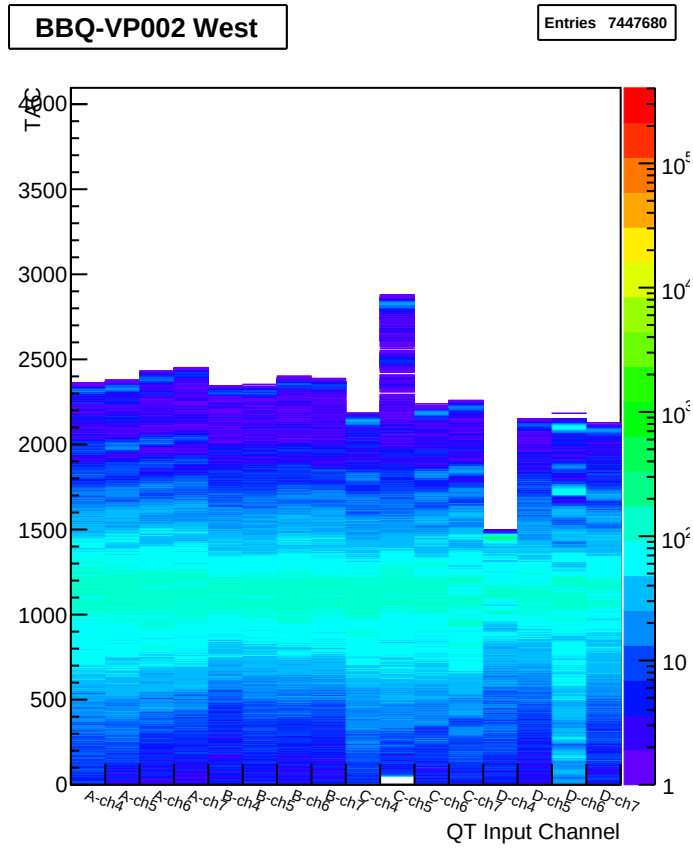

BBQ-ZD001 (ZDC TOWER)
Entries 7447680
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

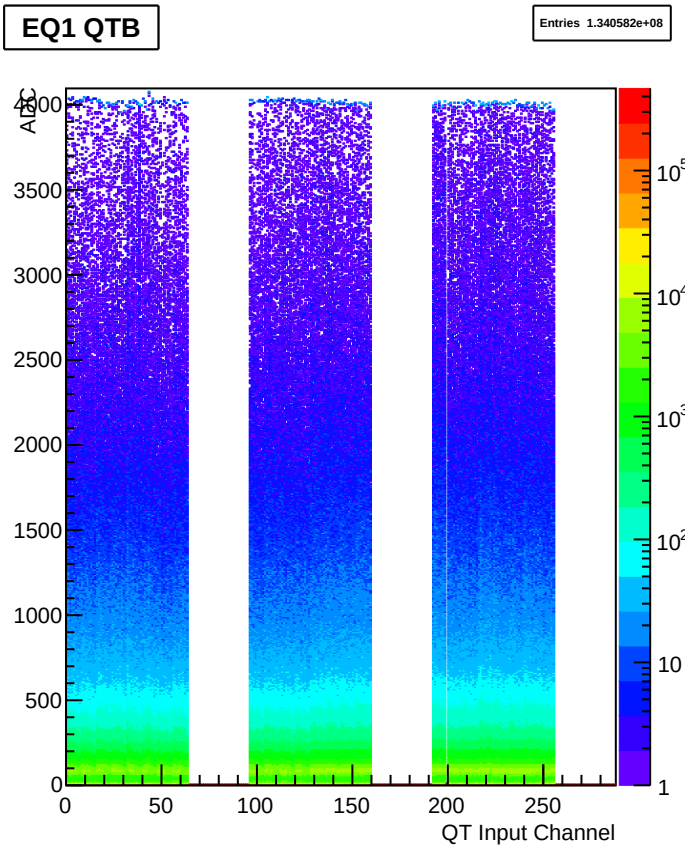

BBQ-ZD001 (ZDC TOWER)
Entries 7447680
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

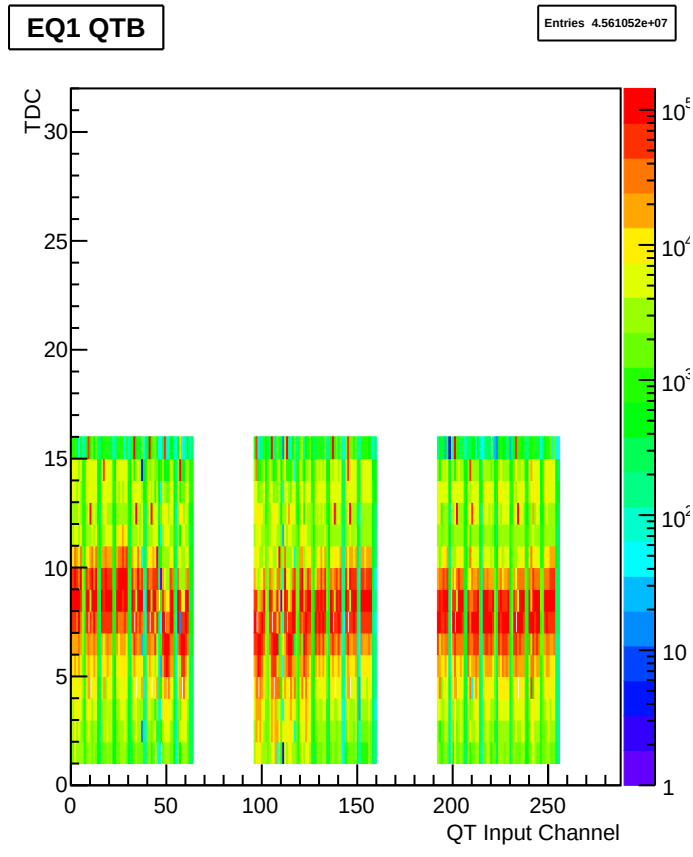

BBQ-VP001 East
Entries 7447680
ADC
QT Input Channel

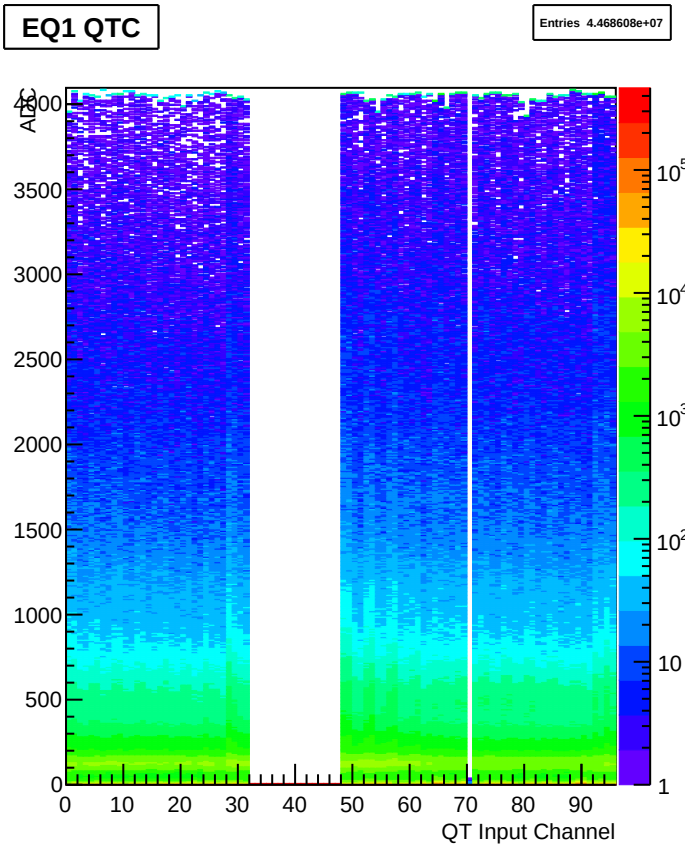

BBQ-VP001 East
Entries 7447680
TAC
QT Input Channel

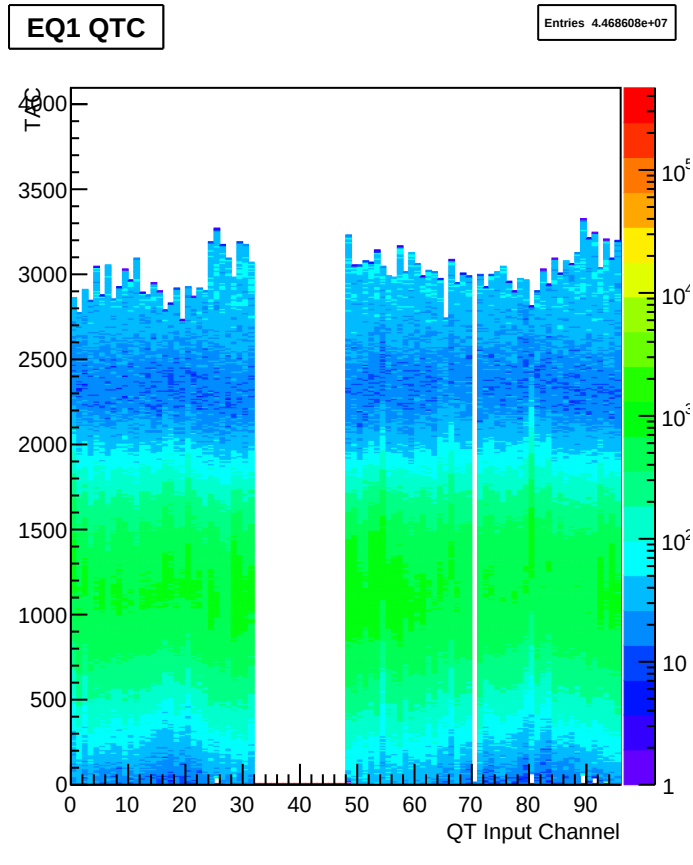

BBQ-VP002 West
Entries 7447680
ADC
QT Input Channel

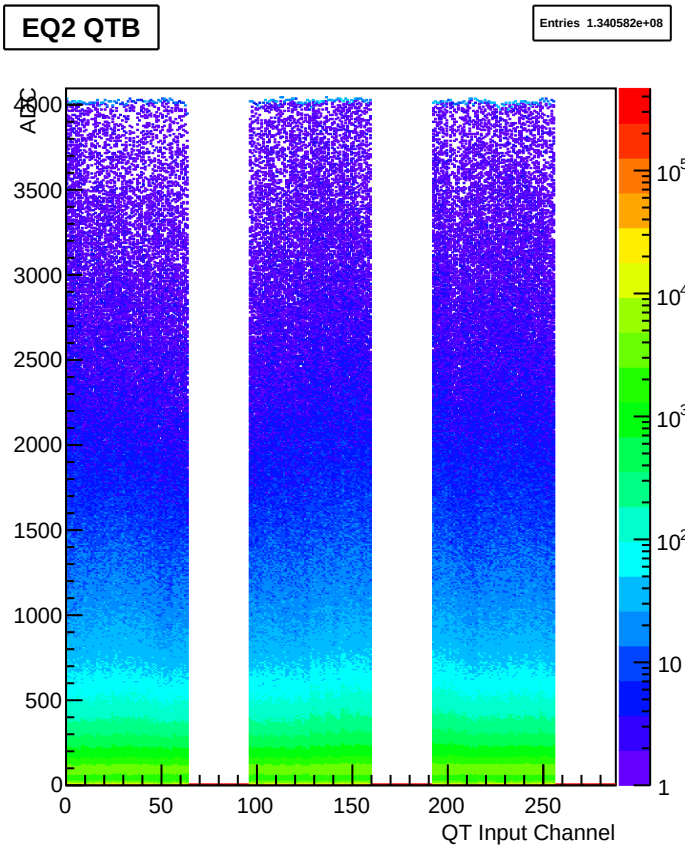

BBQ-VP002 West
Entries 7447680
TAC
QT Input Channel

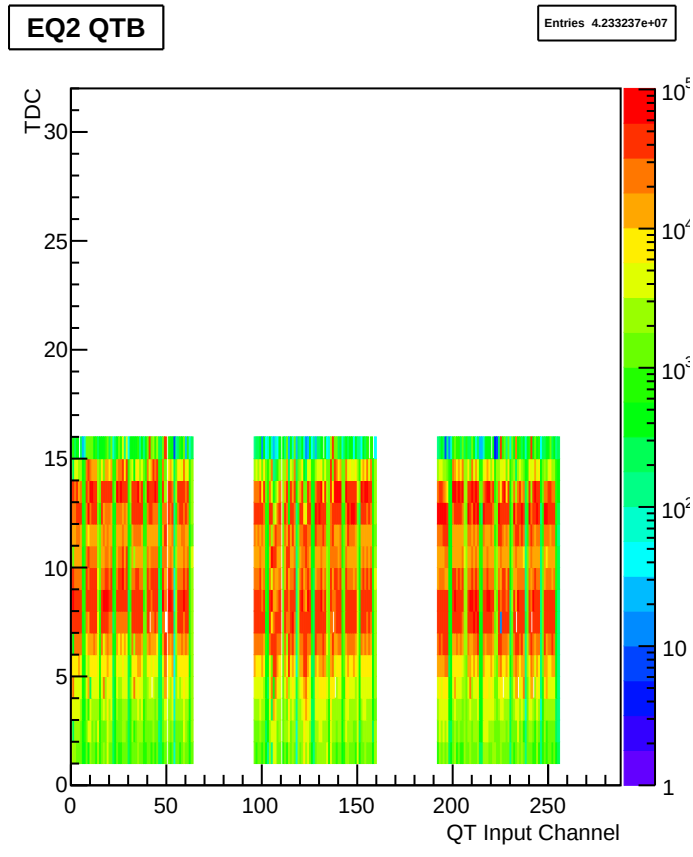

EQ1 QTB
Entries 1.340582e+08
ADC
QT Input Channel

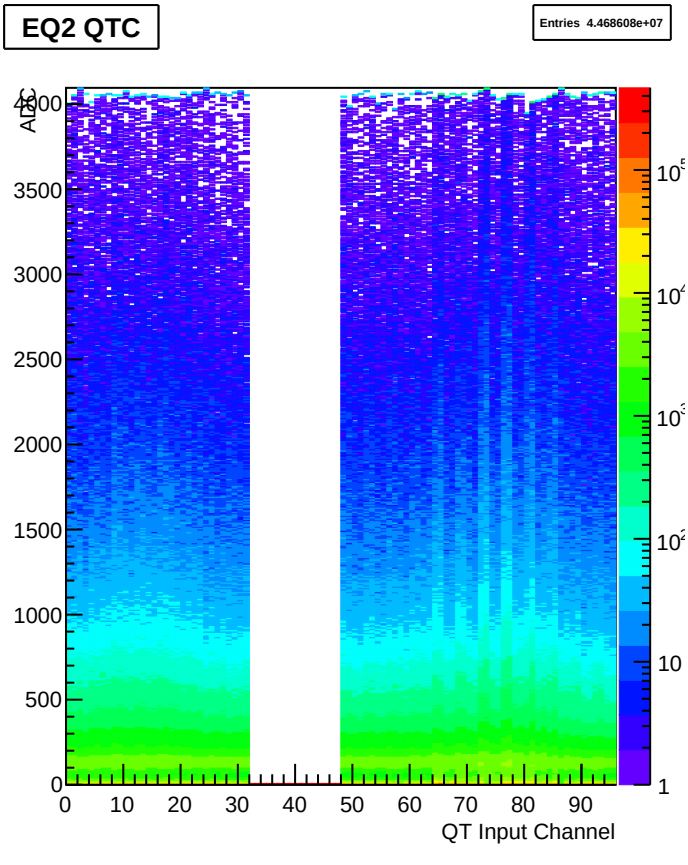

EQ1 QTB
Entries 4.561052e+07
TDC
QT Input Channel

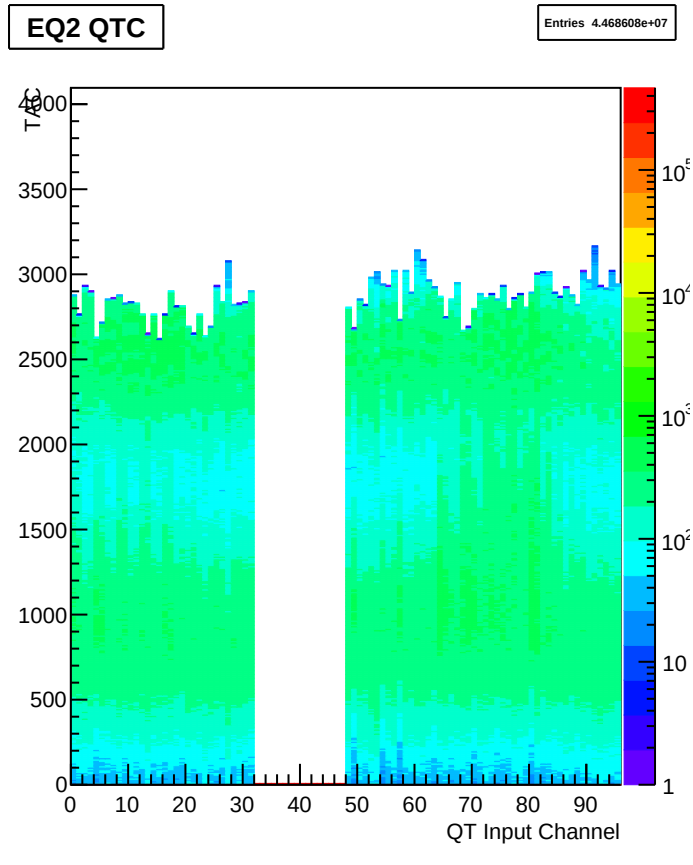

EQ1 QTC
Entries 4.468608e+07
ADC
QT Input Channel

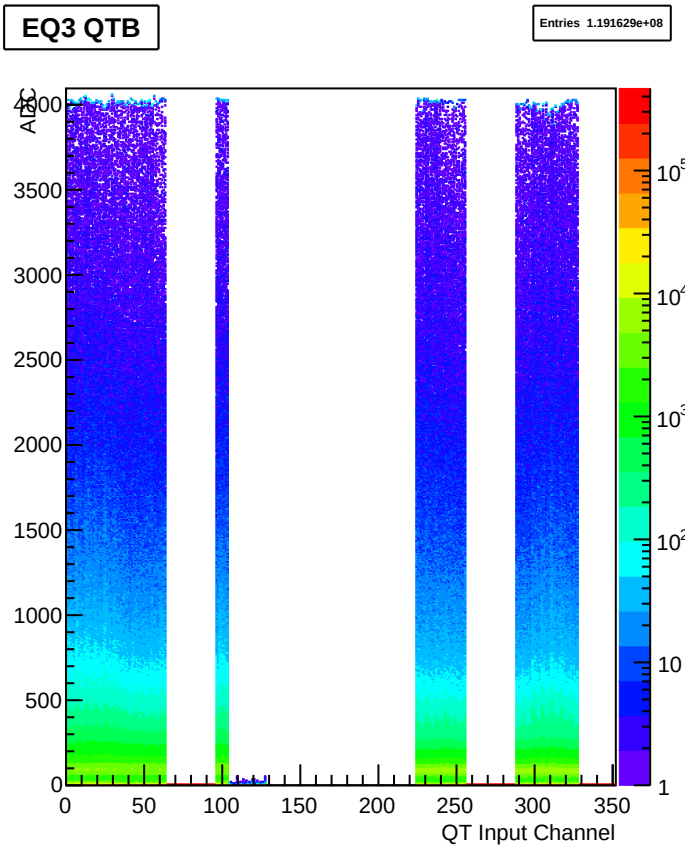

EQ1 QTC
Entries 4.468608e+07
TADC
QT Input Channel

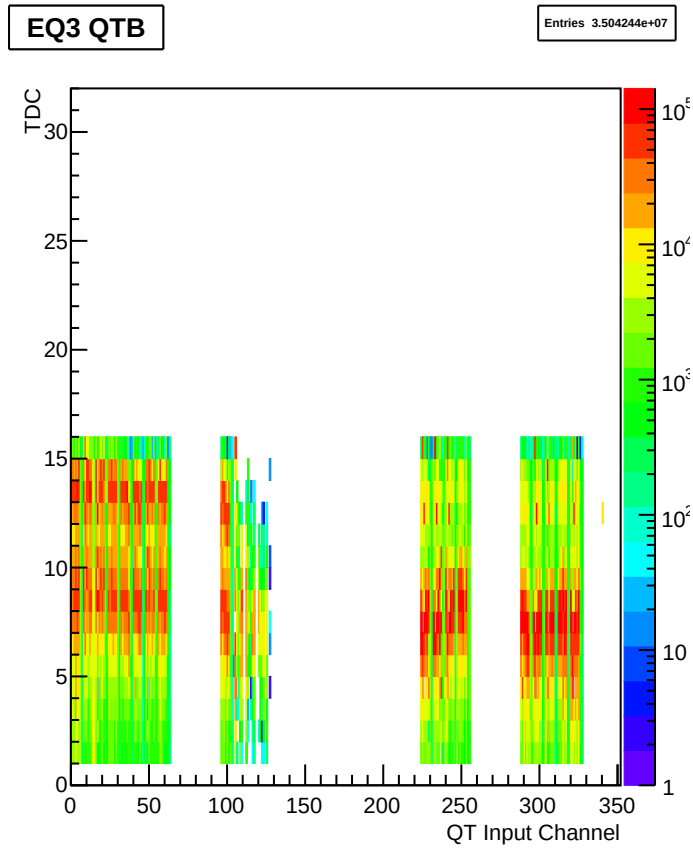

EQ2 QTB
Entries 1.340582e+08
ADC
QT Input Channel

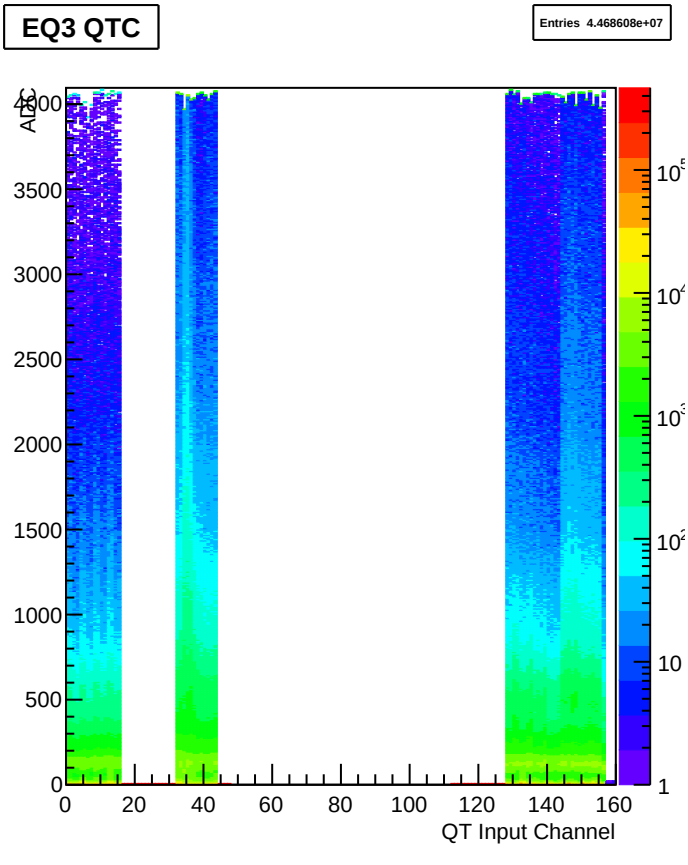

EQ2 QTB
Entries 4.233237e+07
TDC
QT Input Channel

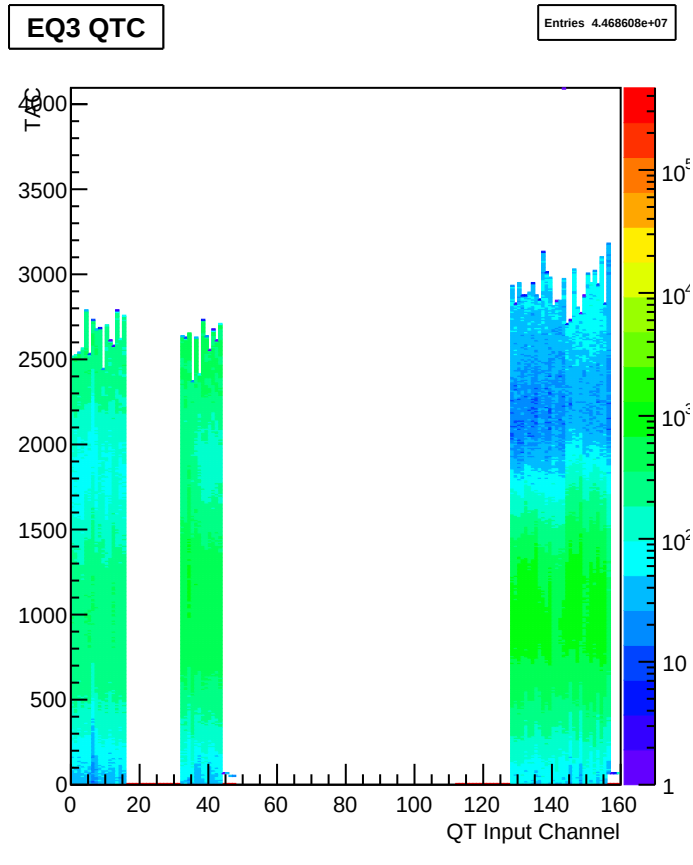

EQ2 QTC
Entries 4.468608e+07
ADC
QT Input Channel

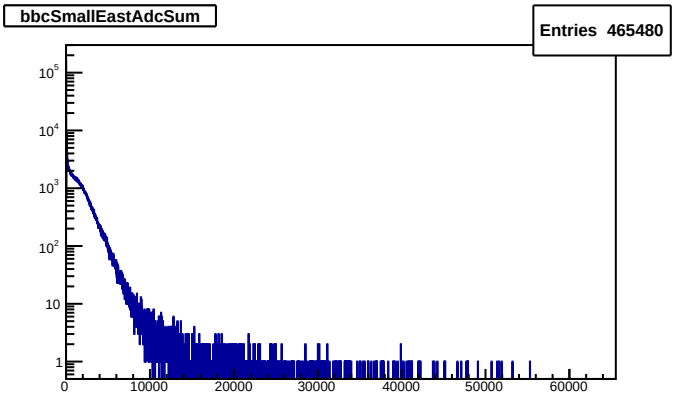

EQ2 QTC
Entries 4.468608e+07
TADC
QT Input Channel

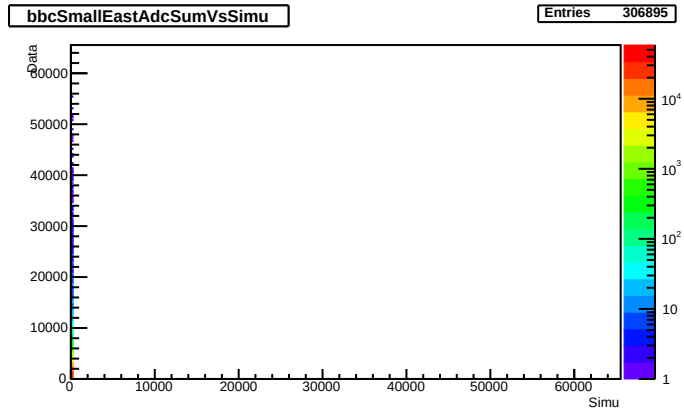

EQ3 QTB
Entries 1.191629e+08
ADC
QT Input Channel

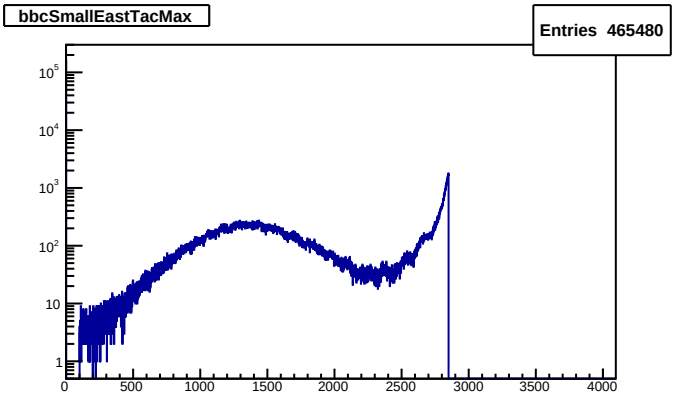

EQ3 QTB
Entries 3.504244e+07
TDC
QT Input Channel

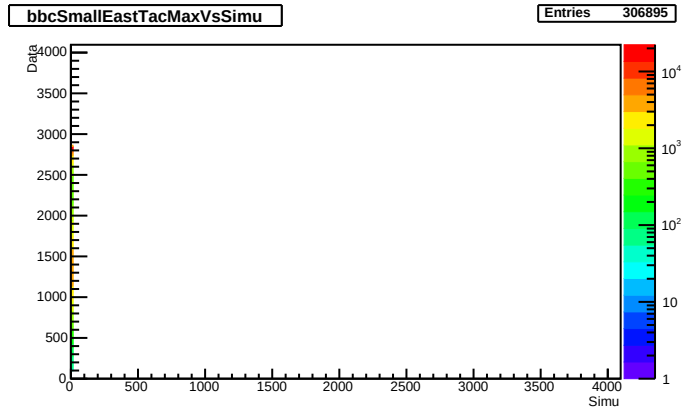

EQ3 QTC
Entries 4.468608e+07
ADC
QT Input Channel

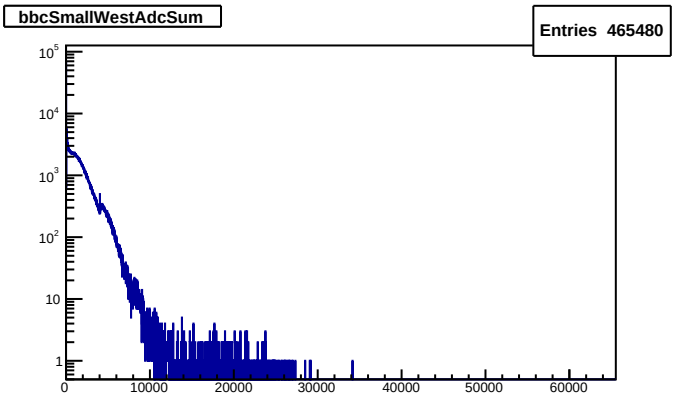

EQ3 QTC
Entries 4.468608e+07
TADC
QT Input Channel

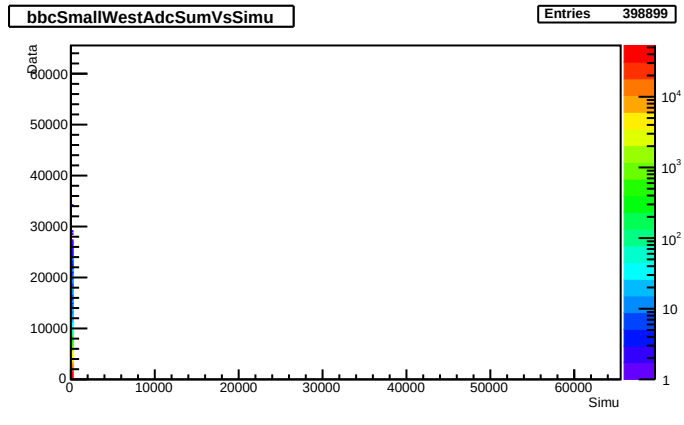

bbcSmallEastAdcSum
Entries 465480

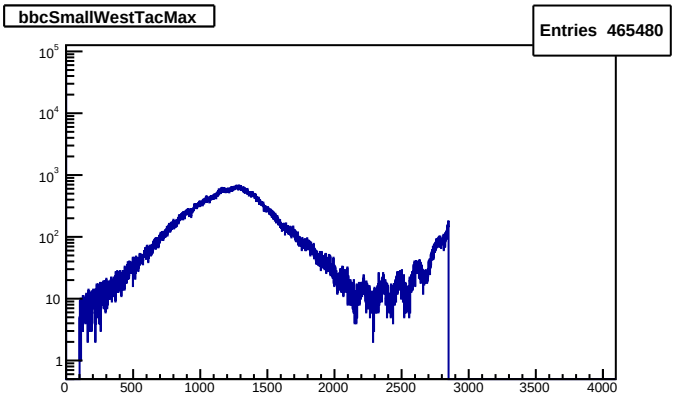

bbcSmallEastAdcSumVsSimu
Entries 306895
Data
Simu

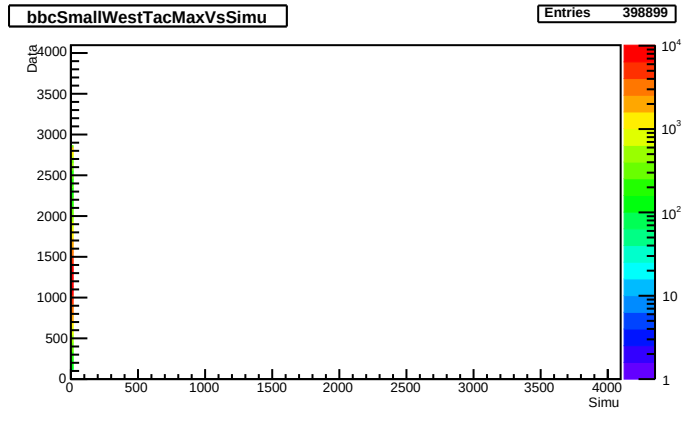

bbcSmallEastTacMax
Entries 465480

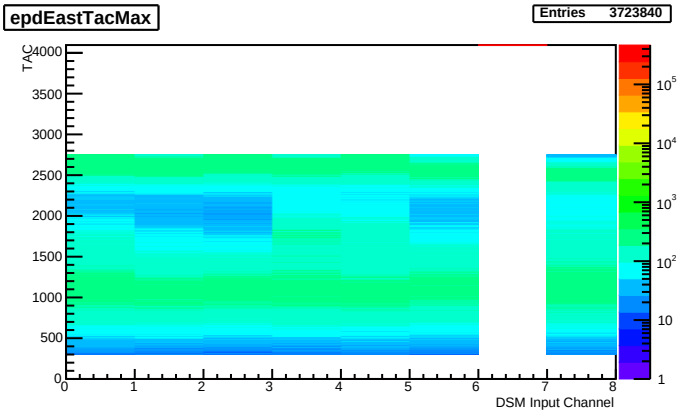

bbcSmallEastTacMaxVsSimu
Entries 306895
Data
Simu

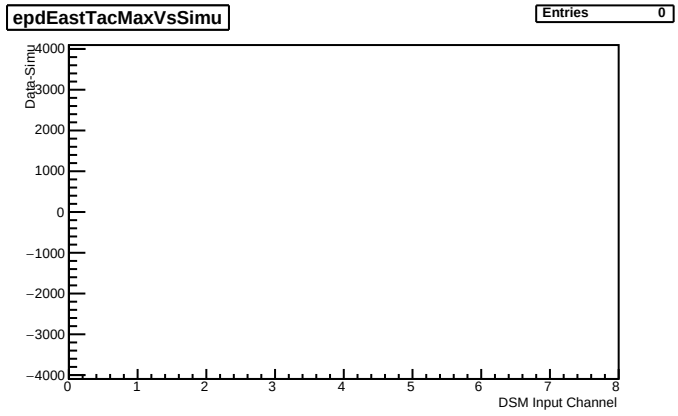

bbcSmallWestAdcSum
Entries 465480

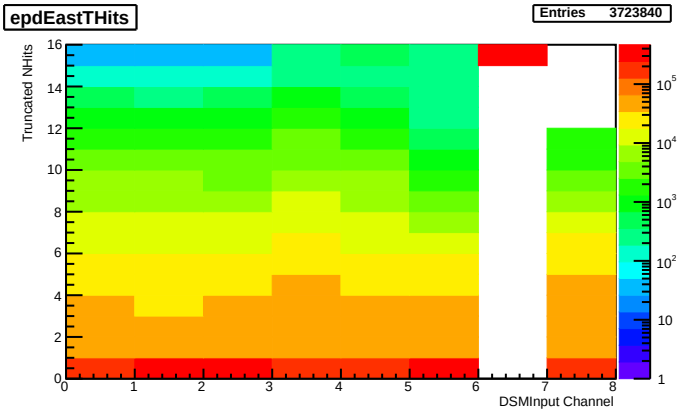

bbcSmallWestAdcSumVsSimu
Entries 398899
Data
Simu

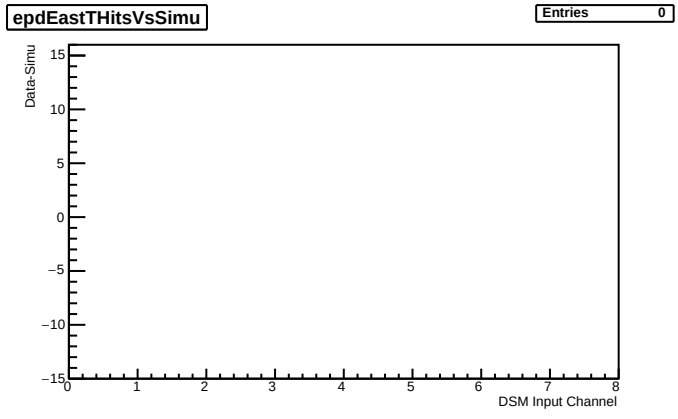

bbcSmallWestTacMax
Entries 465480

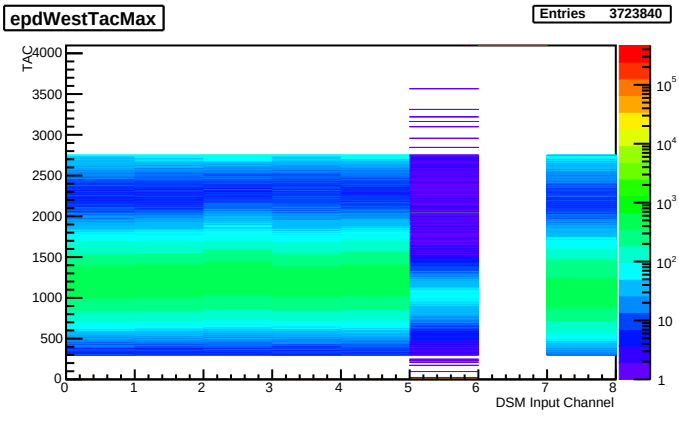

bbcSmallWestTacMaxVsSimu
Entries 398899
Data
Simu

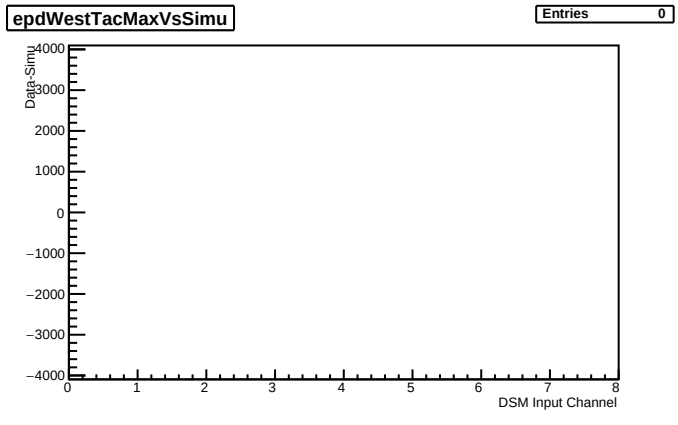

epdEastTacMax
Entries 3723840
TAC
DSM Input Channel

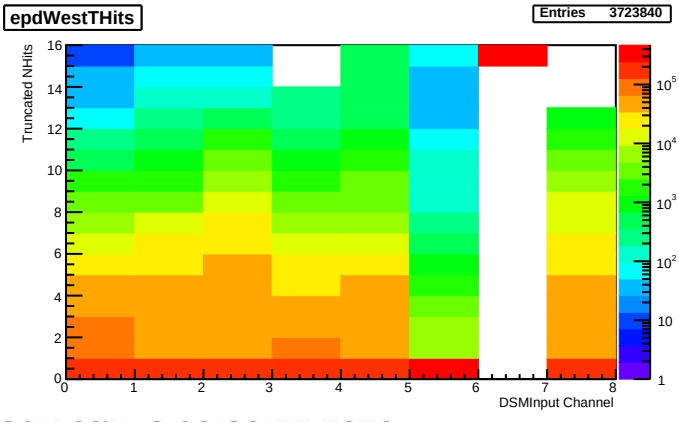

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

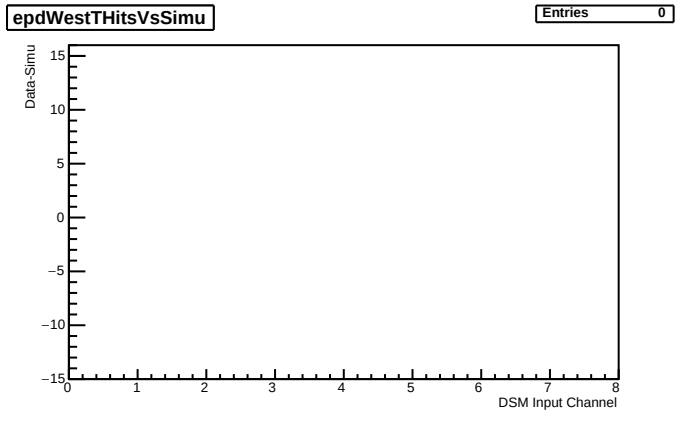

epdEastTHits
Entries 3723840
Truncated NHits
DSMInput Channel

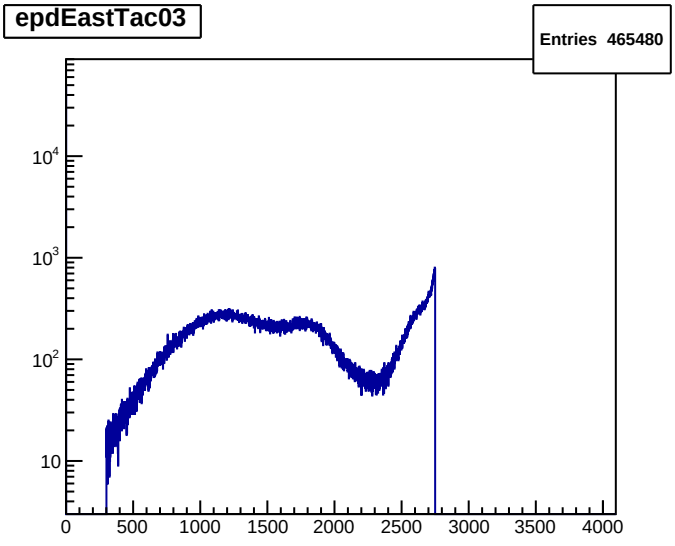

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

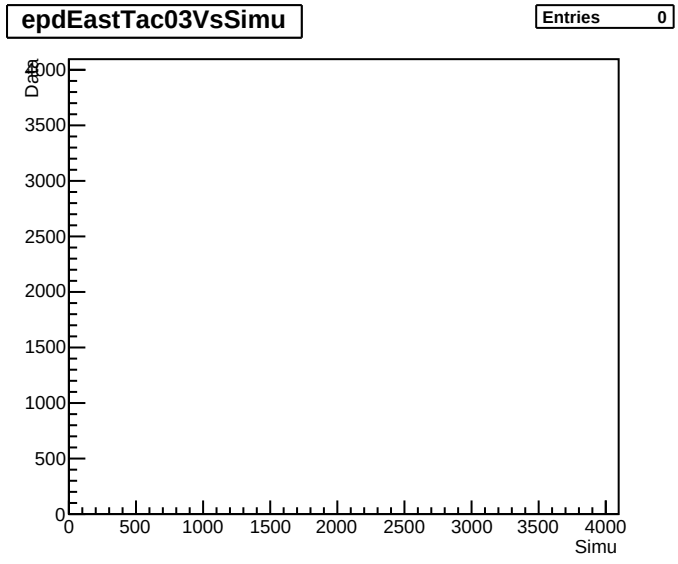

epdWestTacMax
Entries 3723840
TAC
DSM Input Channel

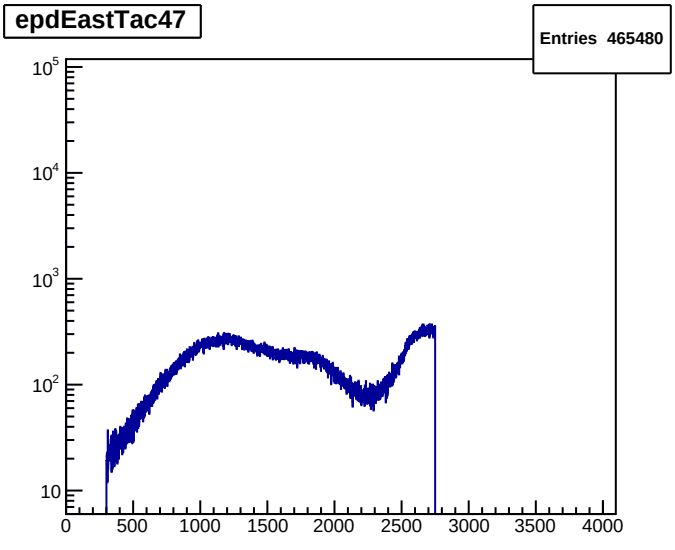

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

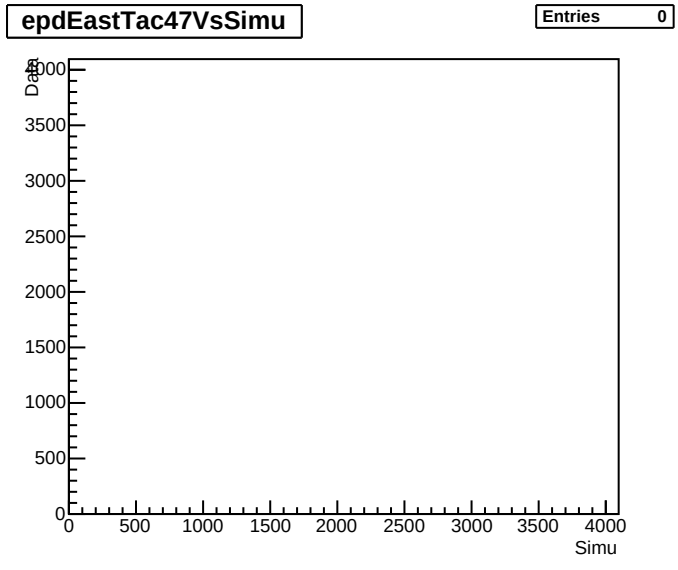

epdWestTHits
Entries 3723840
Truncated NHits
DSMInput Channel

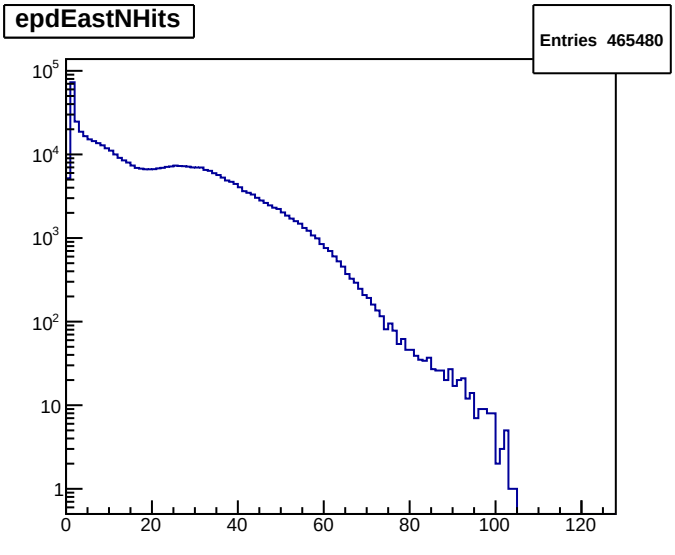

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

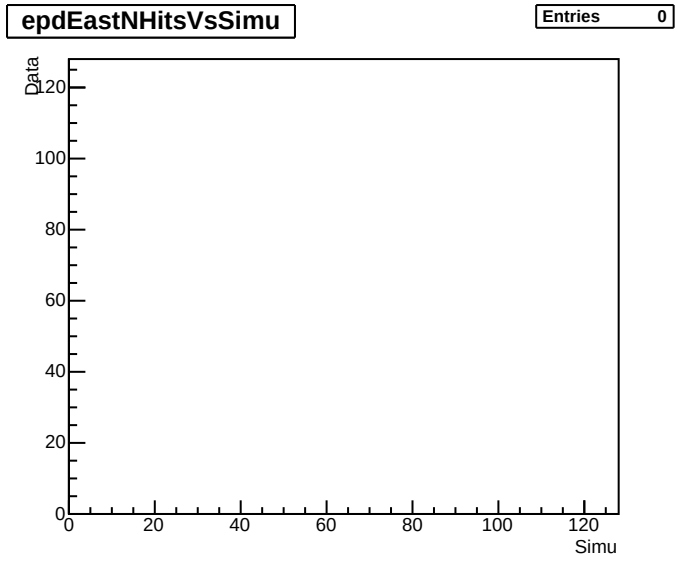

epdEastTac03
Entries 465480

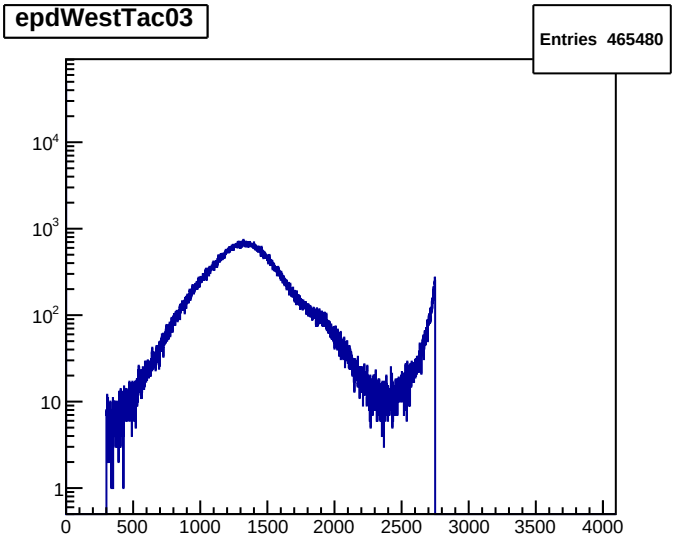

epdEastTac03VsSimu
Entries 0
Data
Simu

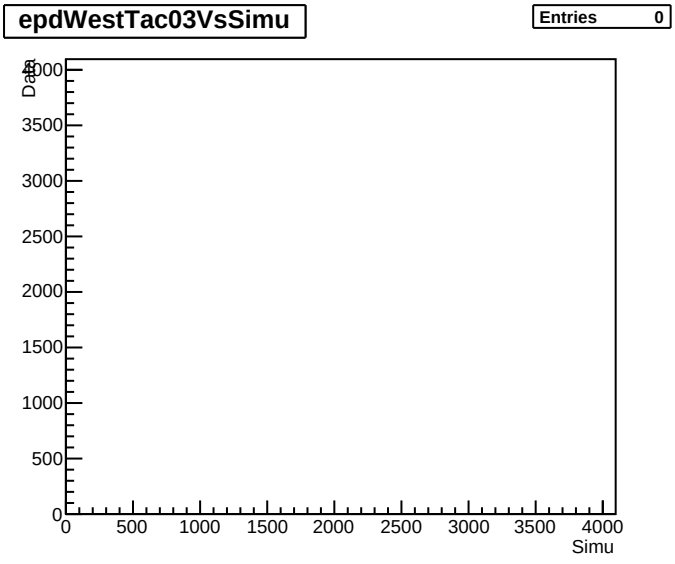

epdEastTac47
Entries 465480

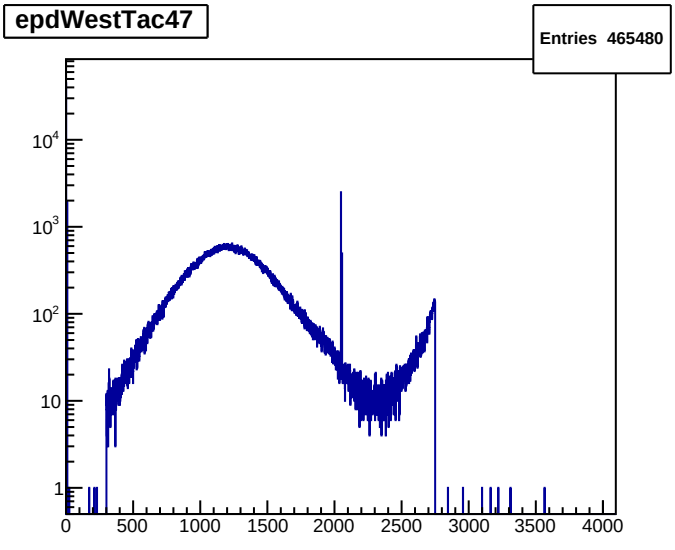

epdEastTac47VsSimu
Entries 0
Data
Simu

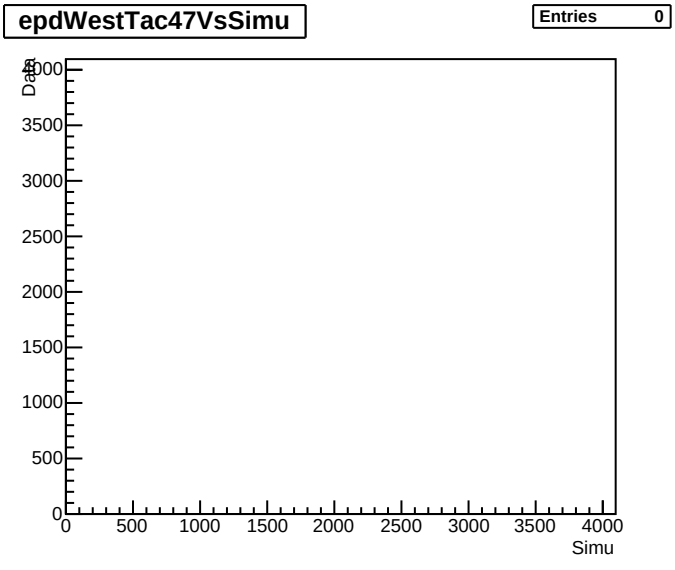

epdEastNHits
Entries 465480

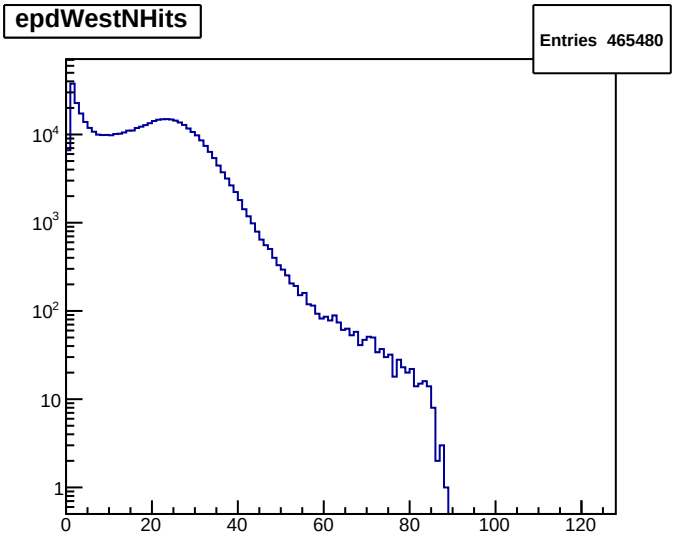

epdEastNHitsVsSimu
Entries 0
Data
Simu

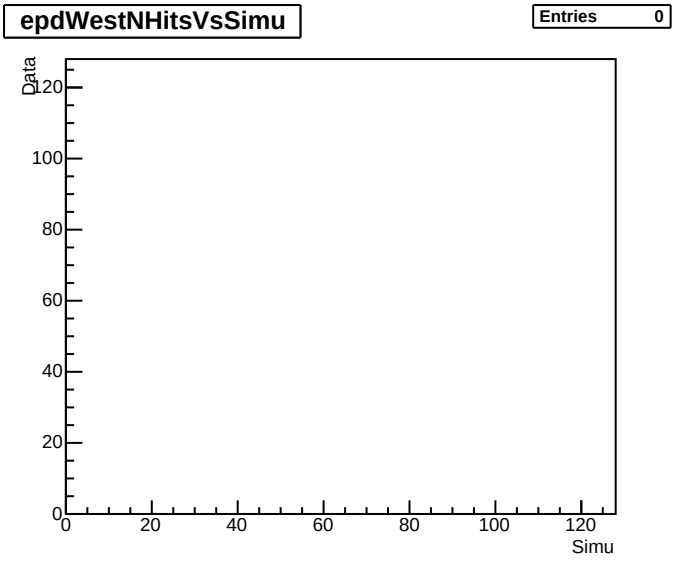

epdWestTac03
Entries 465480

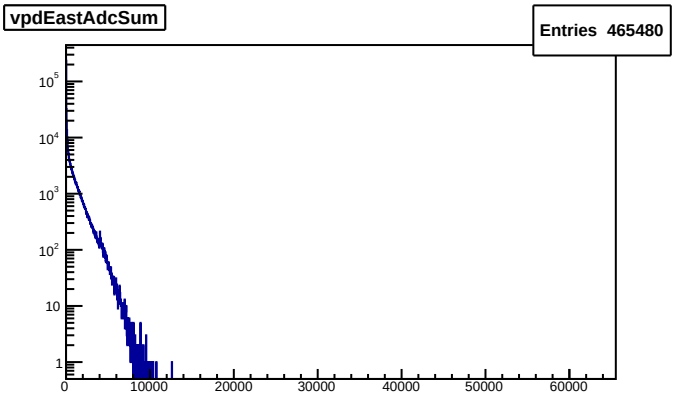

epdWestTac03VsSimu
Entries 0
Data
Simu

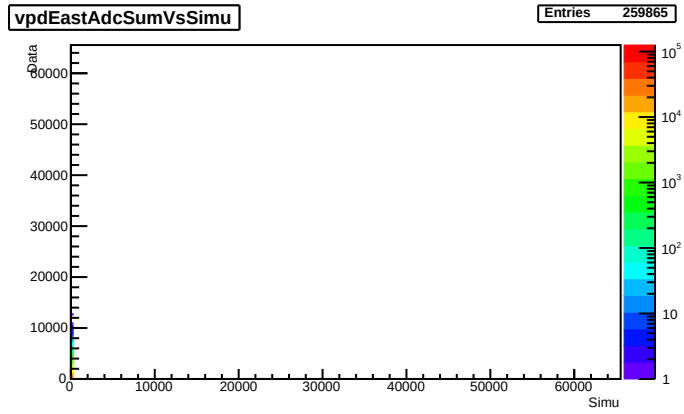

epdWestTac47
Entries 465480

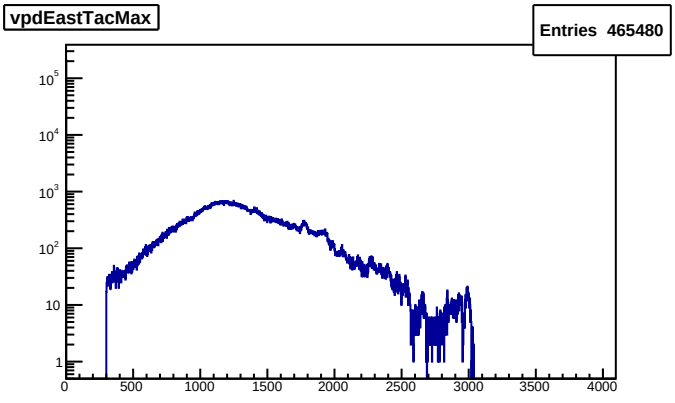

epdWestTac47VsSimu
Entries 0
Data
Simu

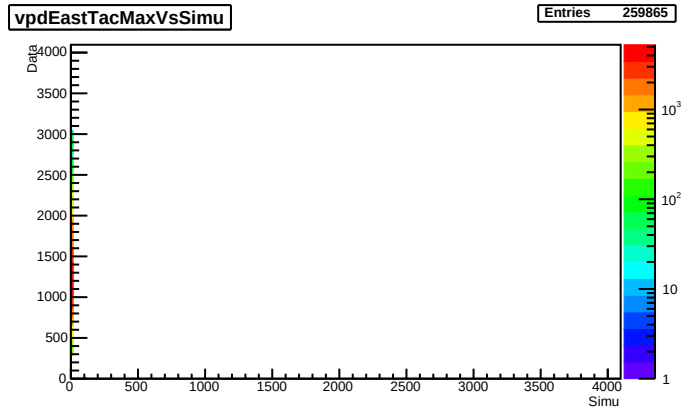

epdWestNHits
Entries 465480

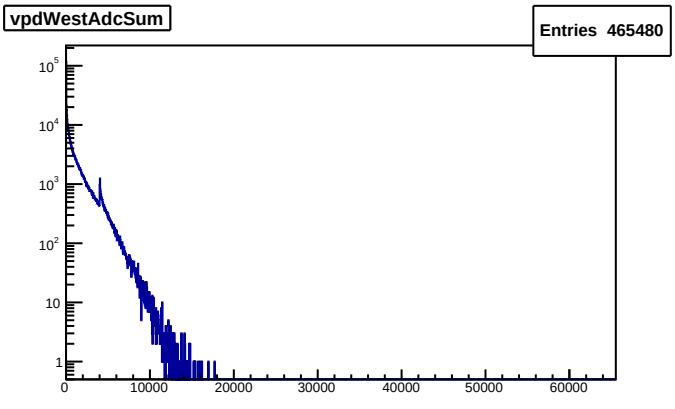

epdWestNHitsVsSimu
Entries 0
Data
Simu

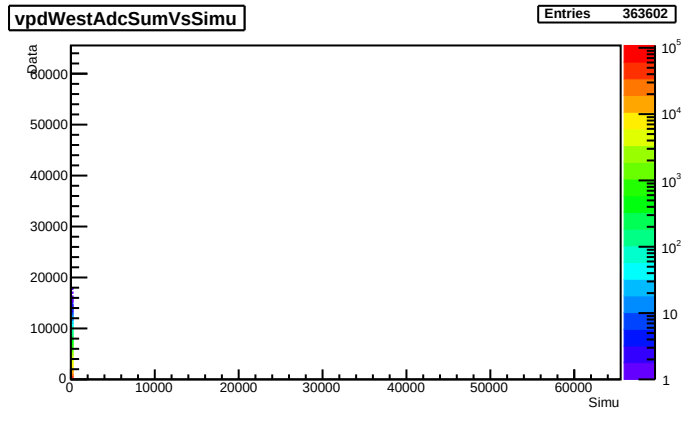

vpdEastAdcSum
Entries 465480

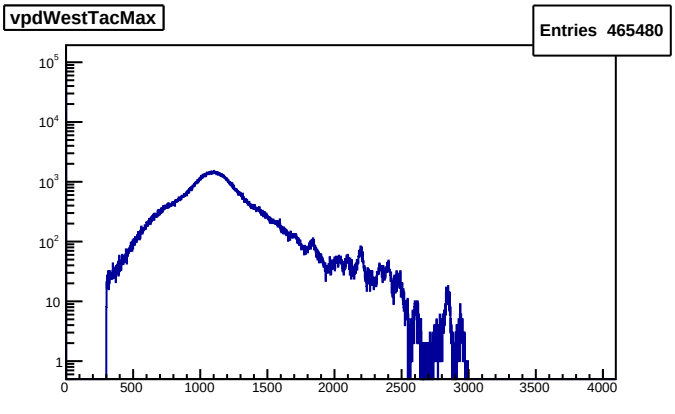

vpdEastAdcSumVsSimu
Entries 259865
Data
Simu

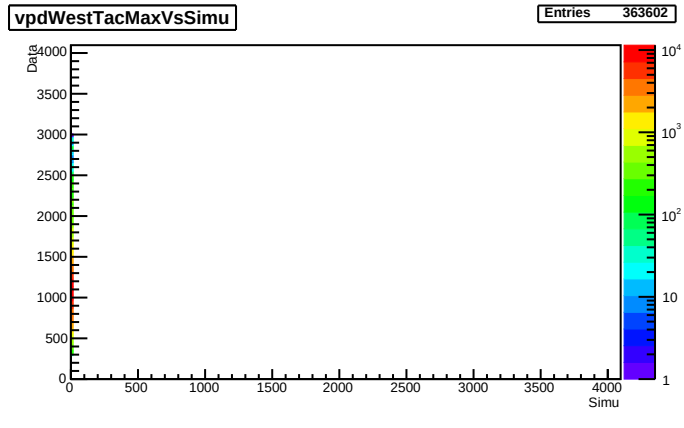

vpdEastTacMax
Entries 465480

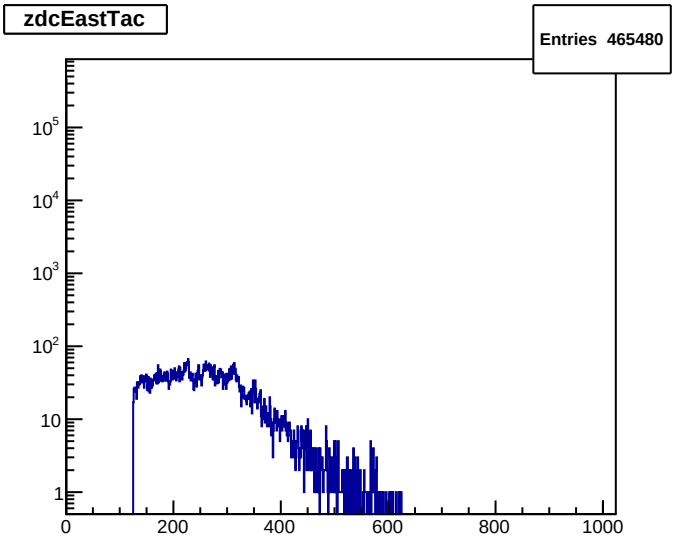

vpdEastTacMaxVsSimu
Entries 259865
Data
Simu

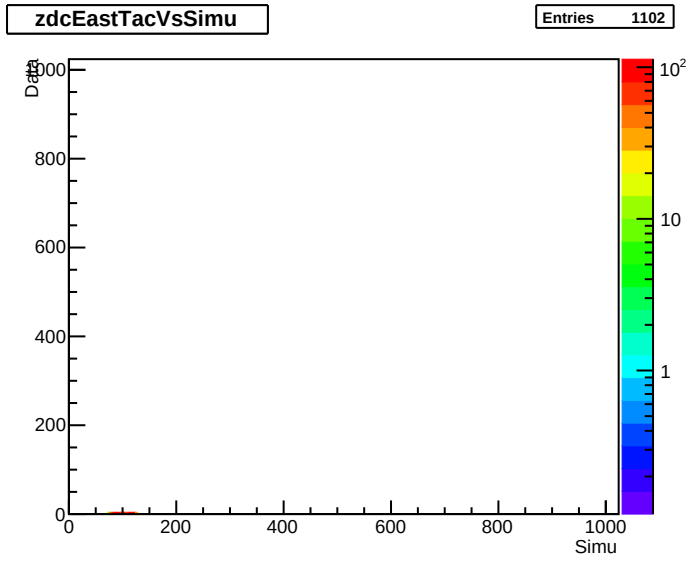

vpdWestAdcSum
Entries 465480

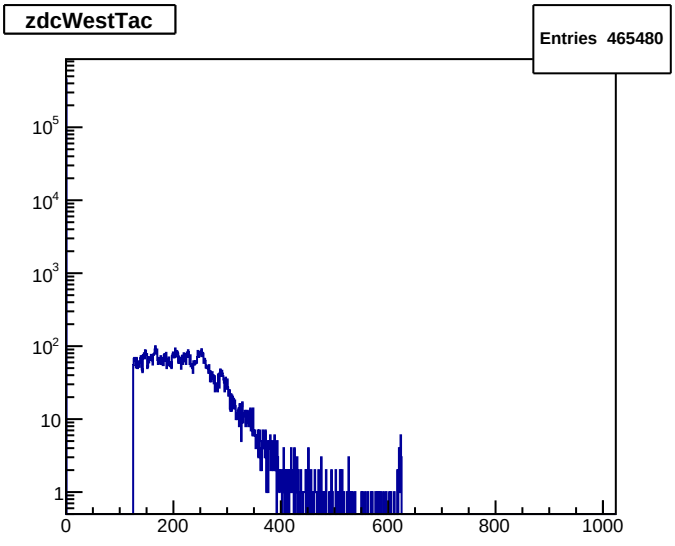

vpdWestAdcSumVsSimu
Entries 363602
Data
Simu

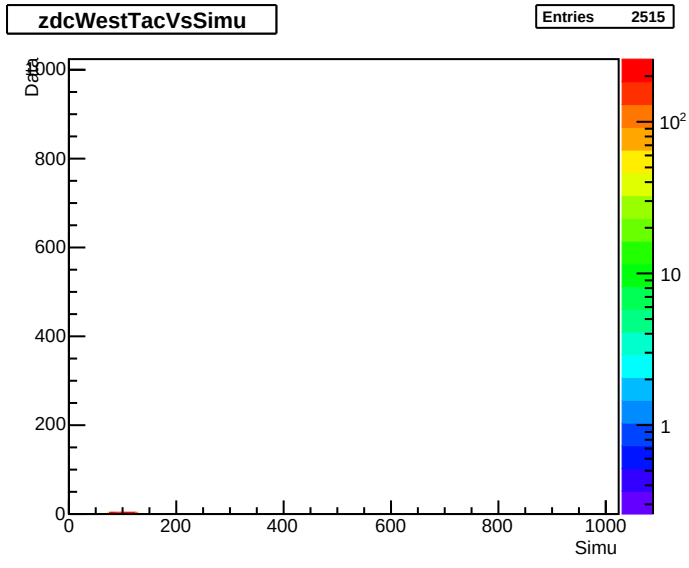

vpdWestTacMax
Entries 465480

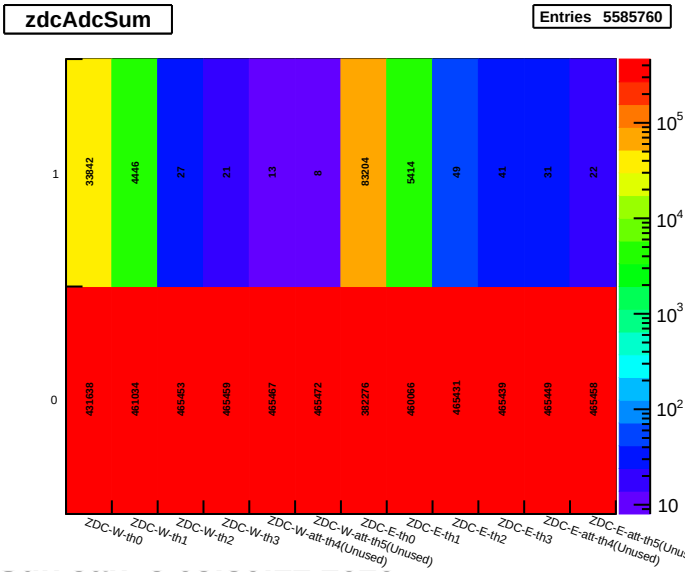

vpdWestTacMaxVsSimu
Entries 363602
Data
Simu

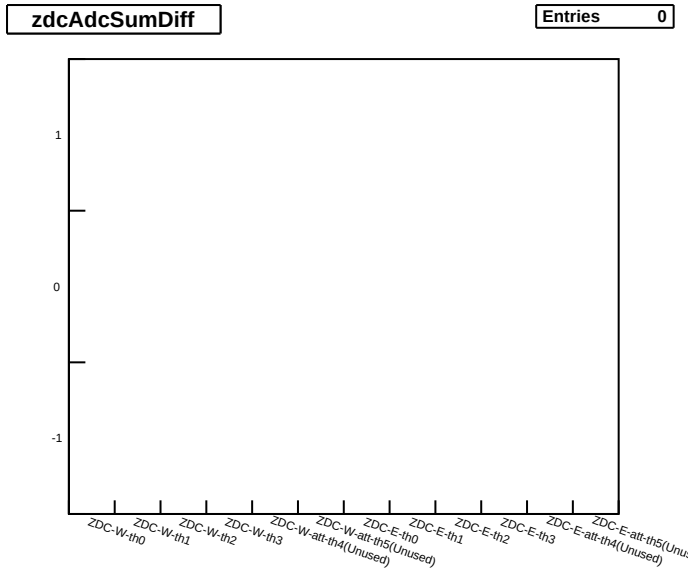

zdcEastTac
Entries 465480

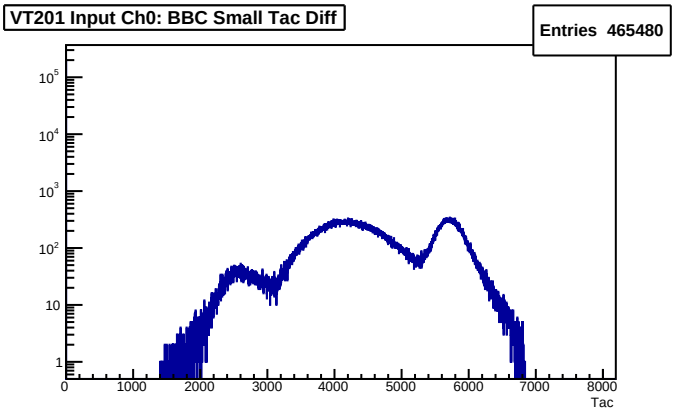

zdcEastTacVsSimu
Entries 1102
Data
Simu

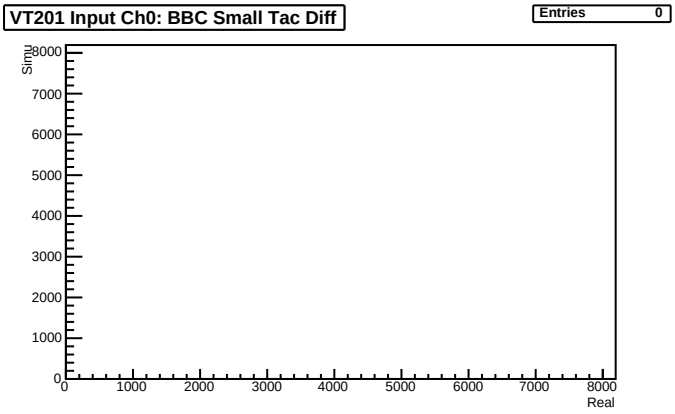

zdcWestTac
Entries 465480

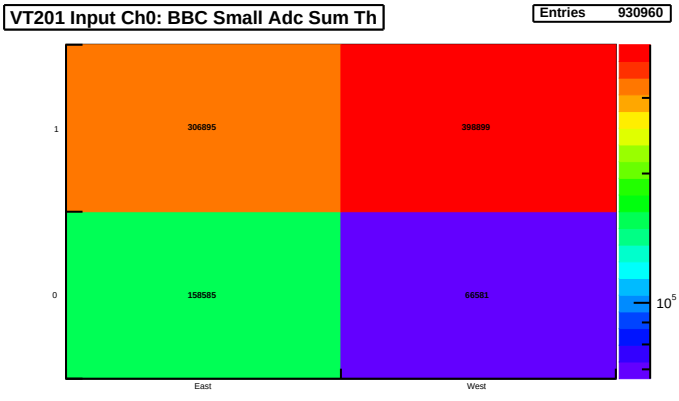

zdcWestTacVsSimu
Entries 2515
Data
Simu

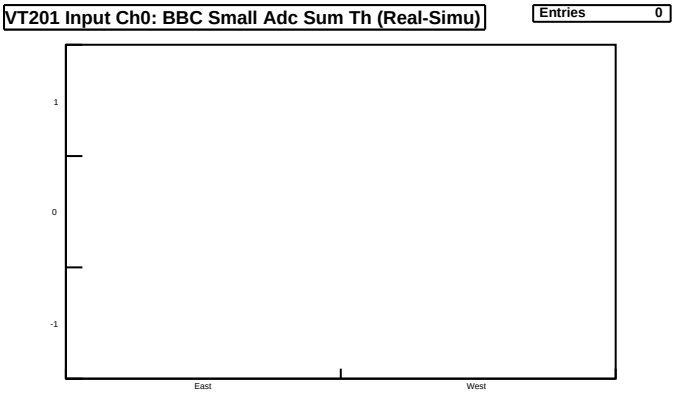

zdcAdcSum
Entries 5585760
33842
4446
27
21
13
8
83204
5414
49
41
31
22
431638
461034
465453
465459
465467
465472
382276
460066
465431
465439
465449
465468
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

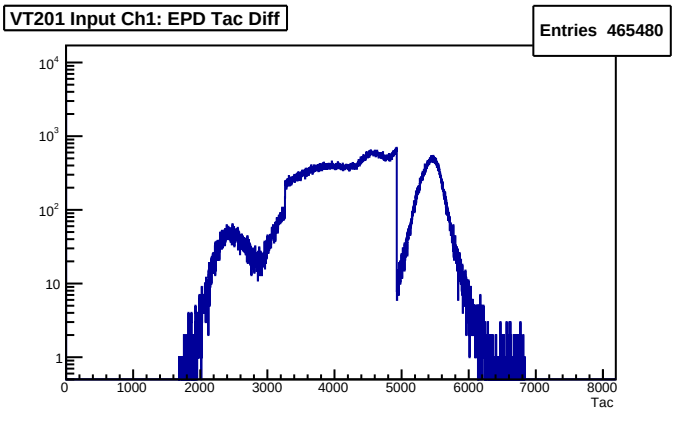

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

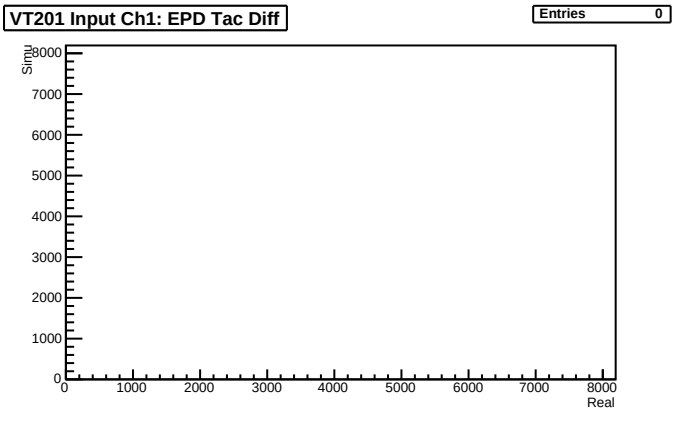

VT201 Input Ch0: BBC Small Tac Diff
Entries 465480
Tac

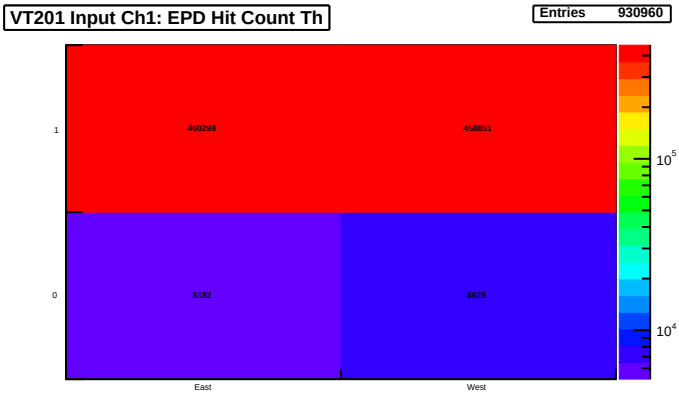

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

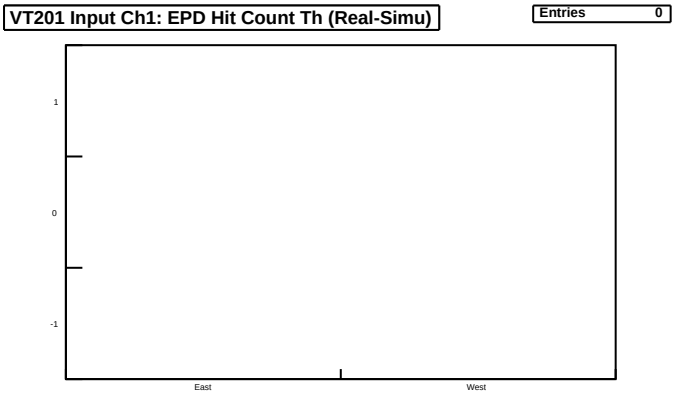

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 930960
306895
398899
158585
60581
East
West

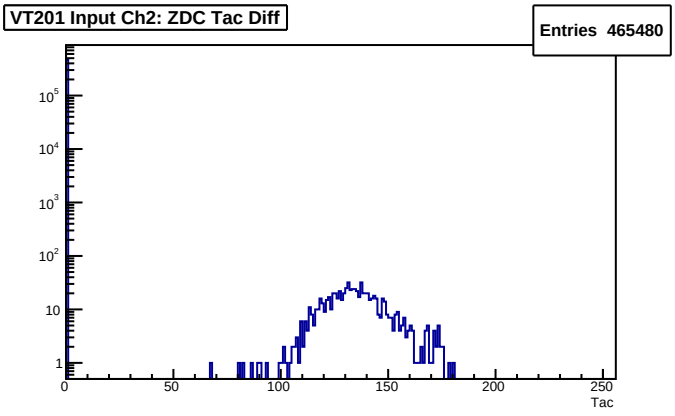

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

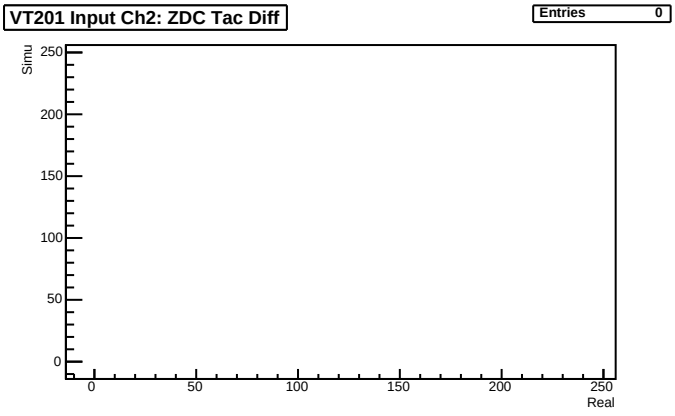

VT201 Input Ch1: EPD Tac Diff
Entries 465480
Tac

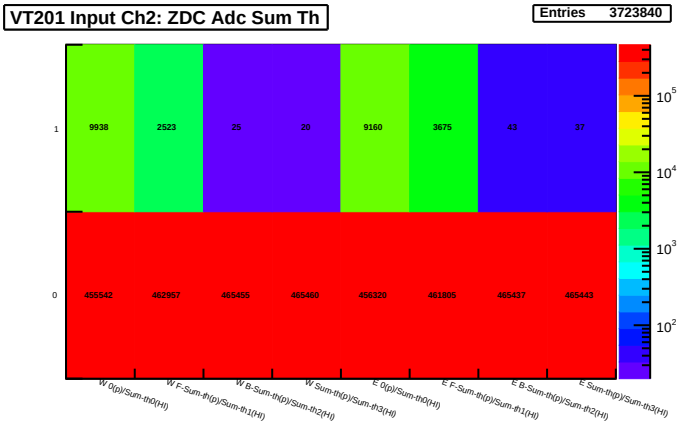

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

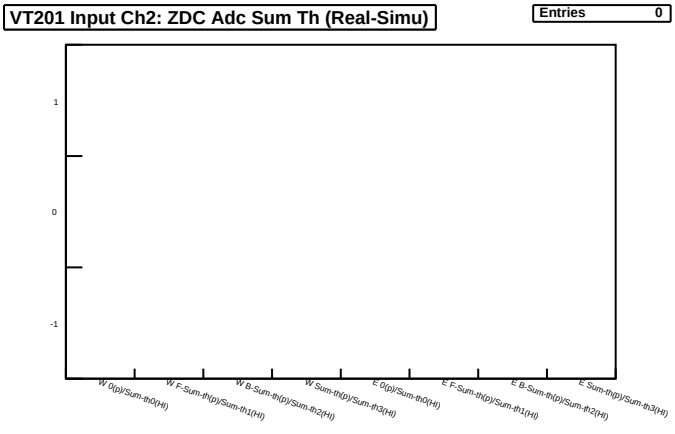

VT201 Input Ch1: EPD Hit Count Th
Entries 930960
460298
458851
5182
6629
East
West

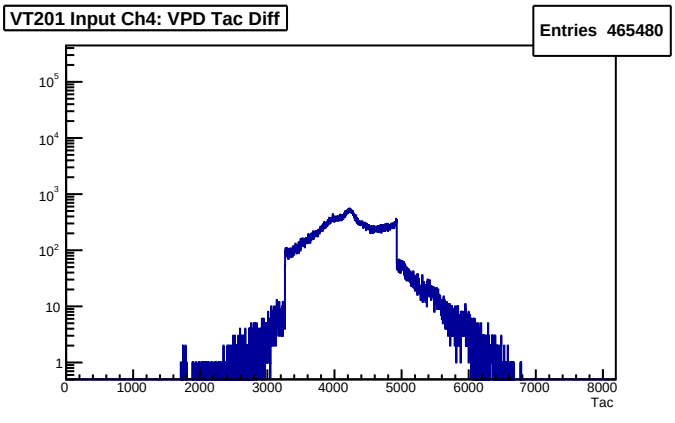

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

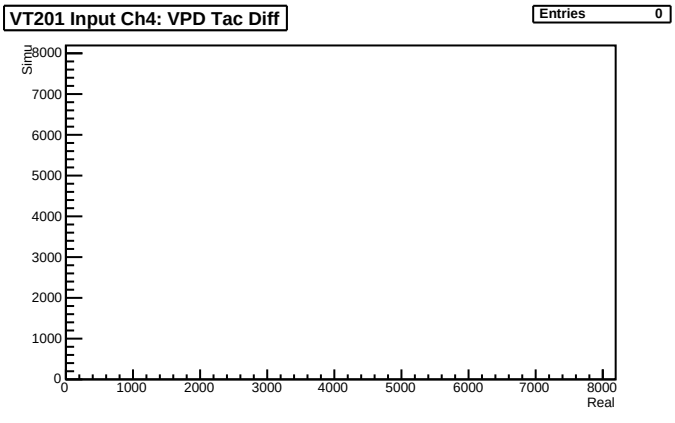

VT201 Input Ch2: ZDC Tac Diff
Entries 465480
Tac

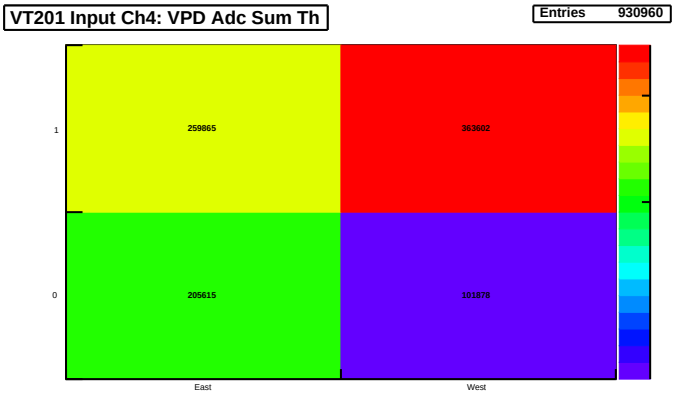

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

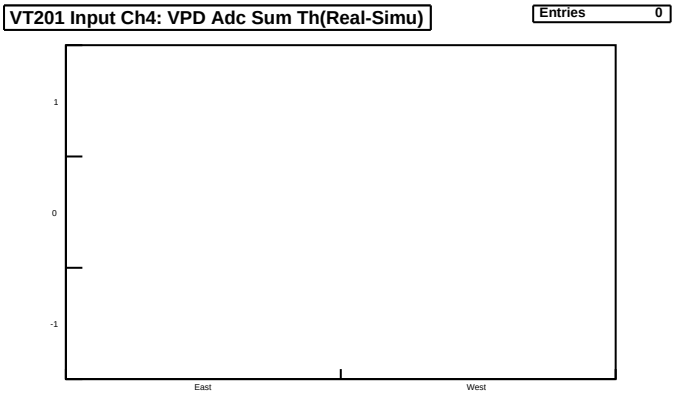

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3723840
9938
2523
25
20
9160
3675
43
37
455542
462957
465455
465460
456320
461805
465437
465443
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

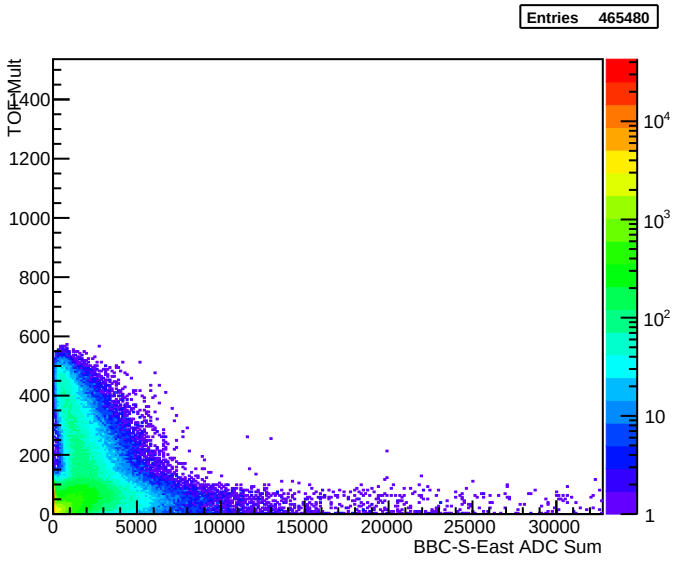

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

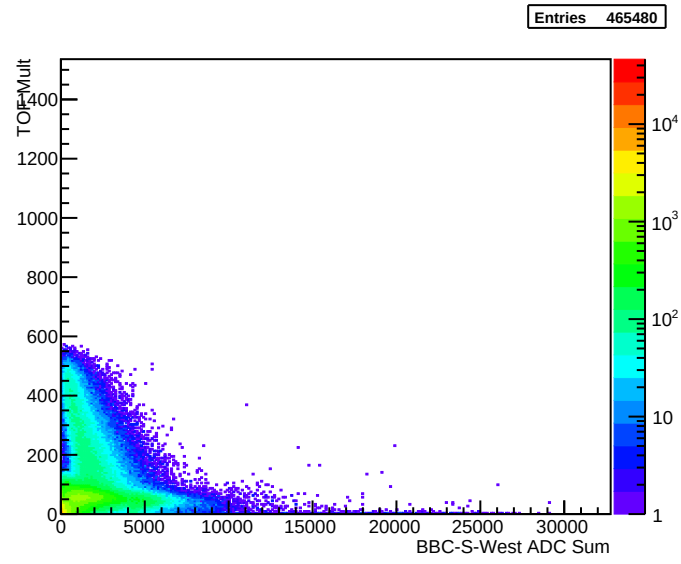

VT201 Input Ch4: VPD Tac Diff
Entries 465480
Tac

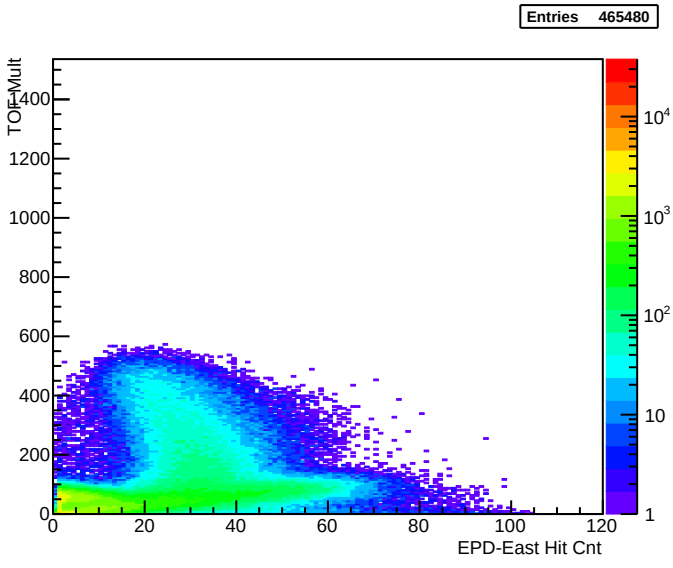

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

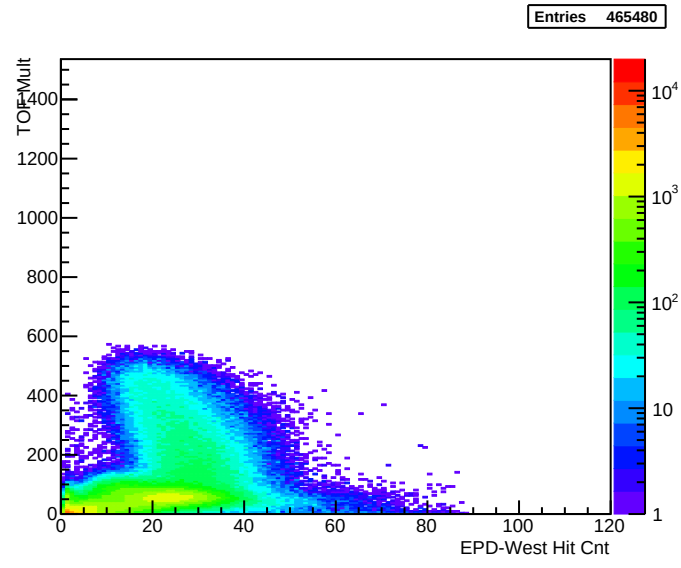

VT201 Input Ch4: VPD Adc Sum Th
Entries 930960
259865
363602
205615
101878
East
West

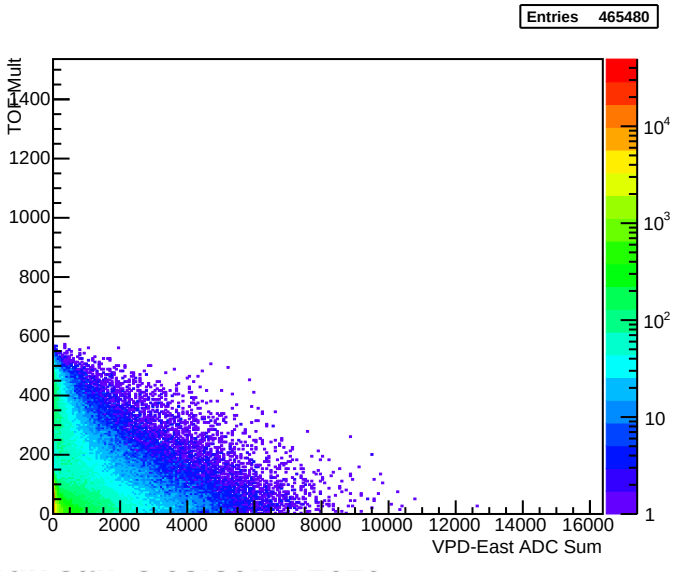

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

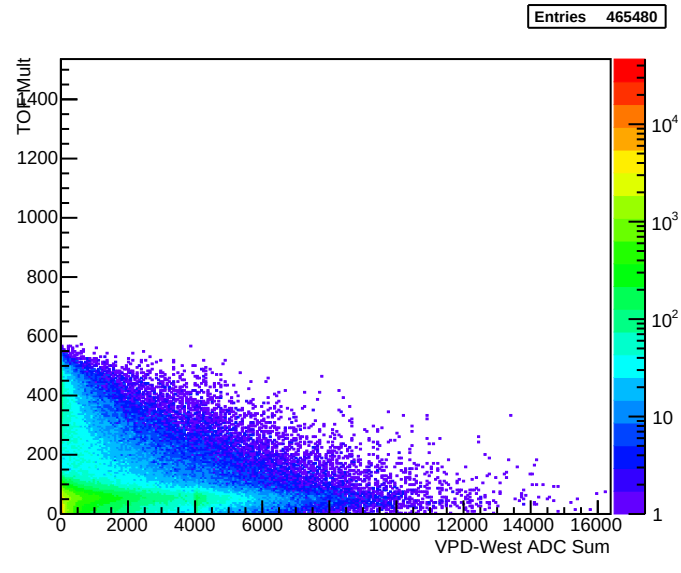

Entries 465480
TOF-Mult
BBC-S-East ADC Sum

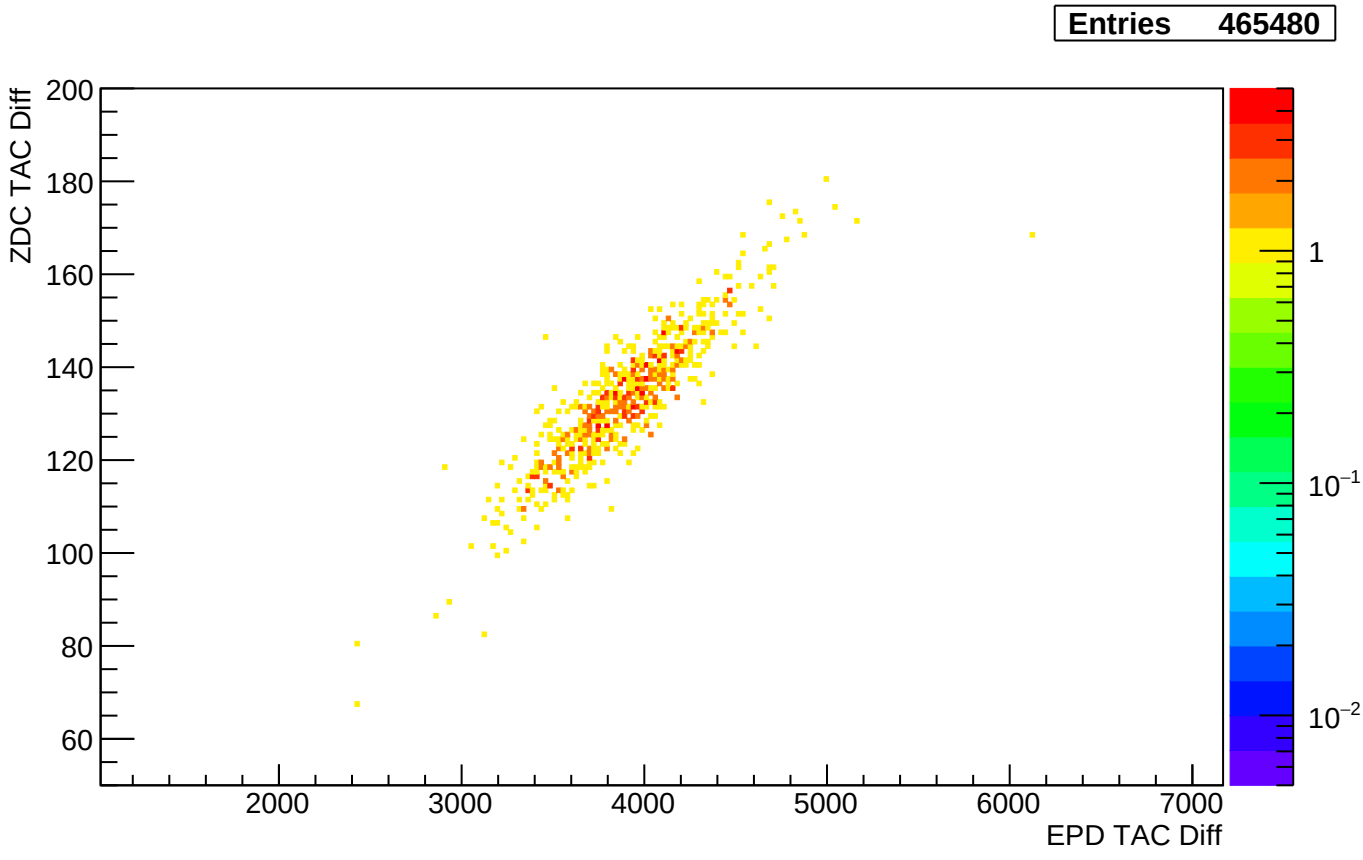

Entries 465480
TOF-Mult
BBC-S-West ADC Sum

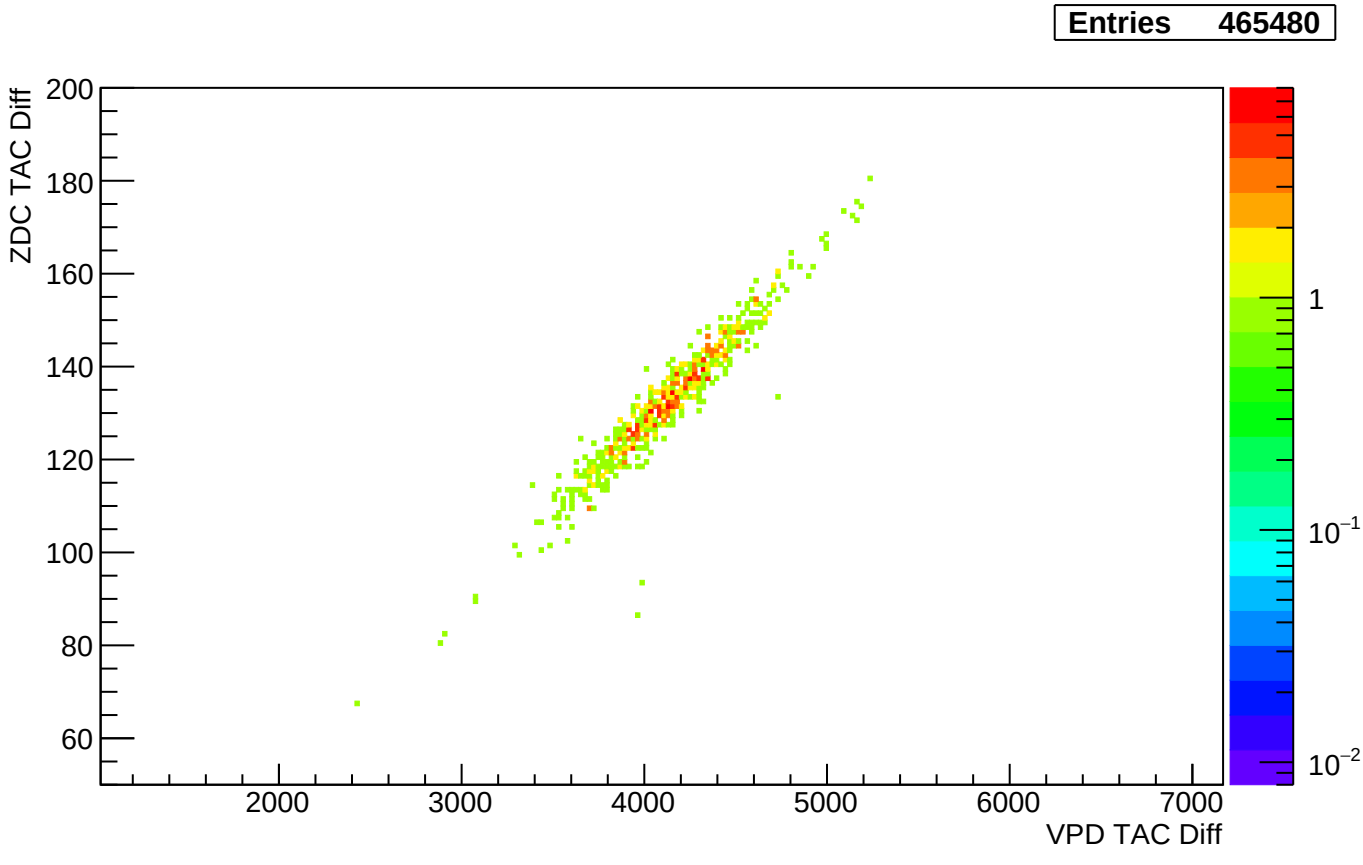

Entries 465480
TOF-Mult
EPD-East Hit Cnt

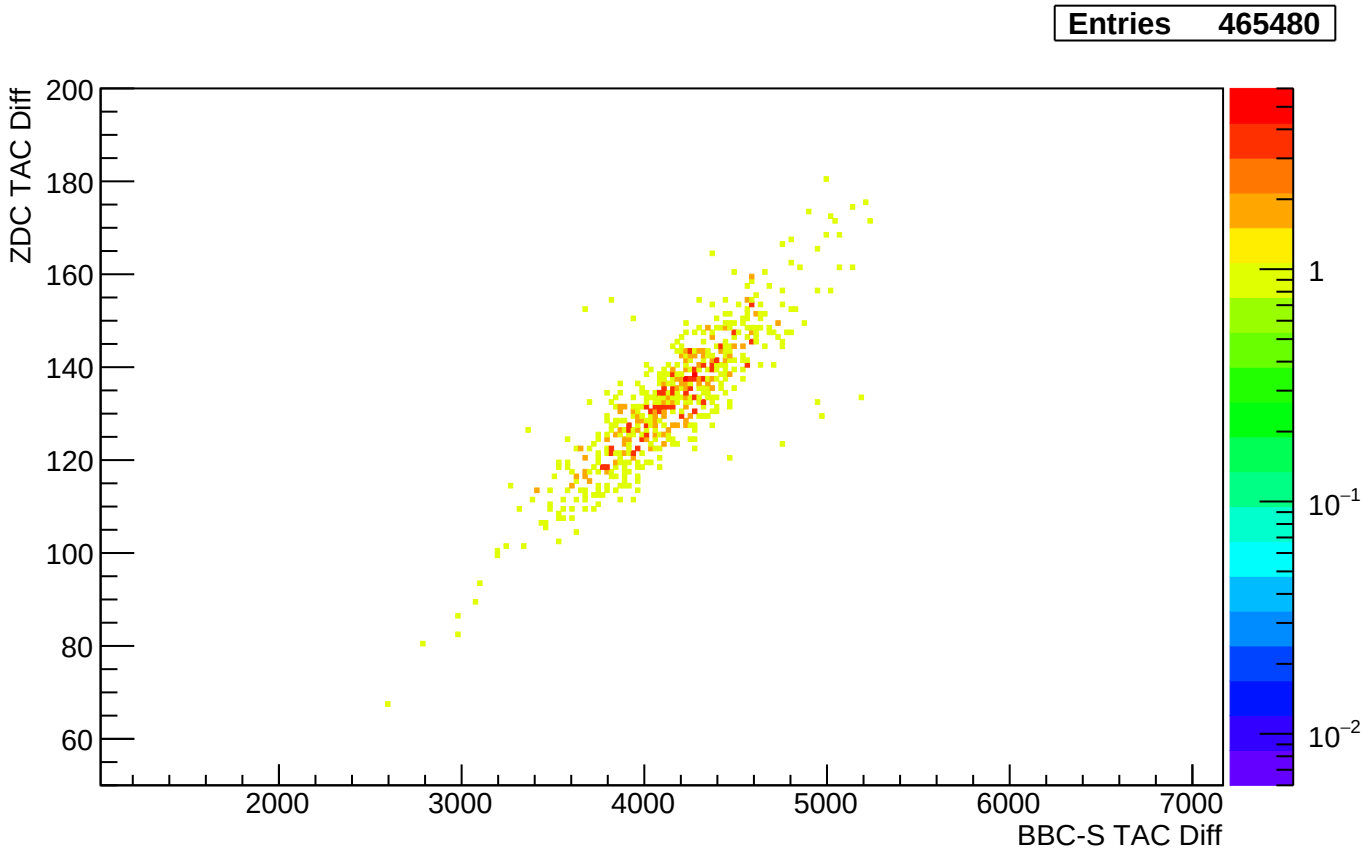

Entries 465480
TOF-Mult
EPD-West Hit Cnt

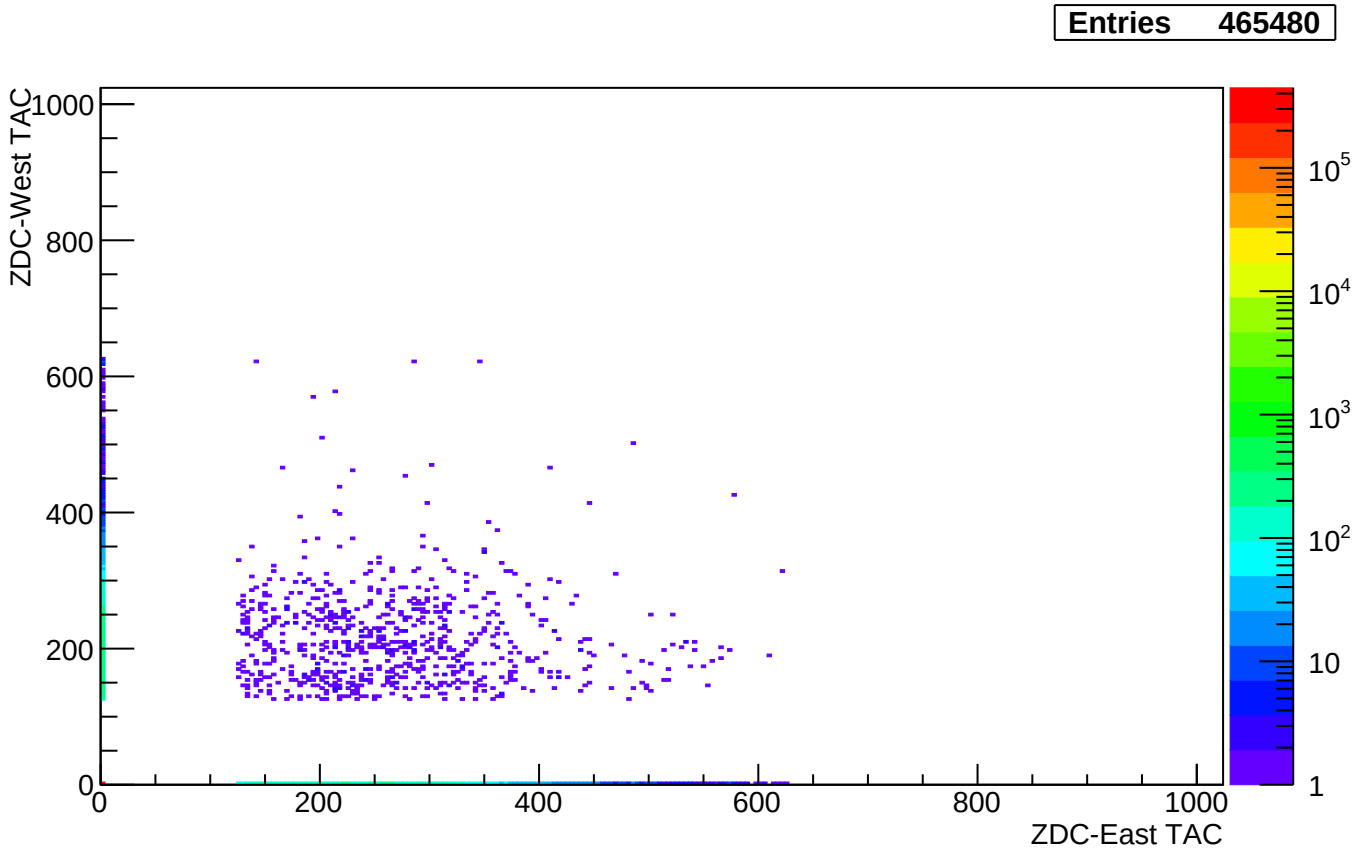

Entries 465480
TOF-Mult
VPD-East ADC Sum

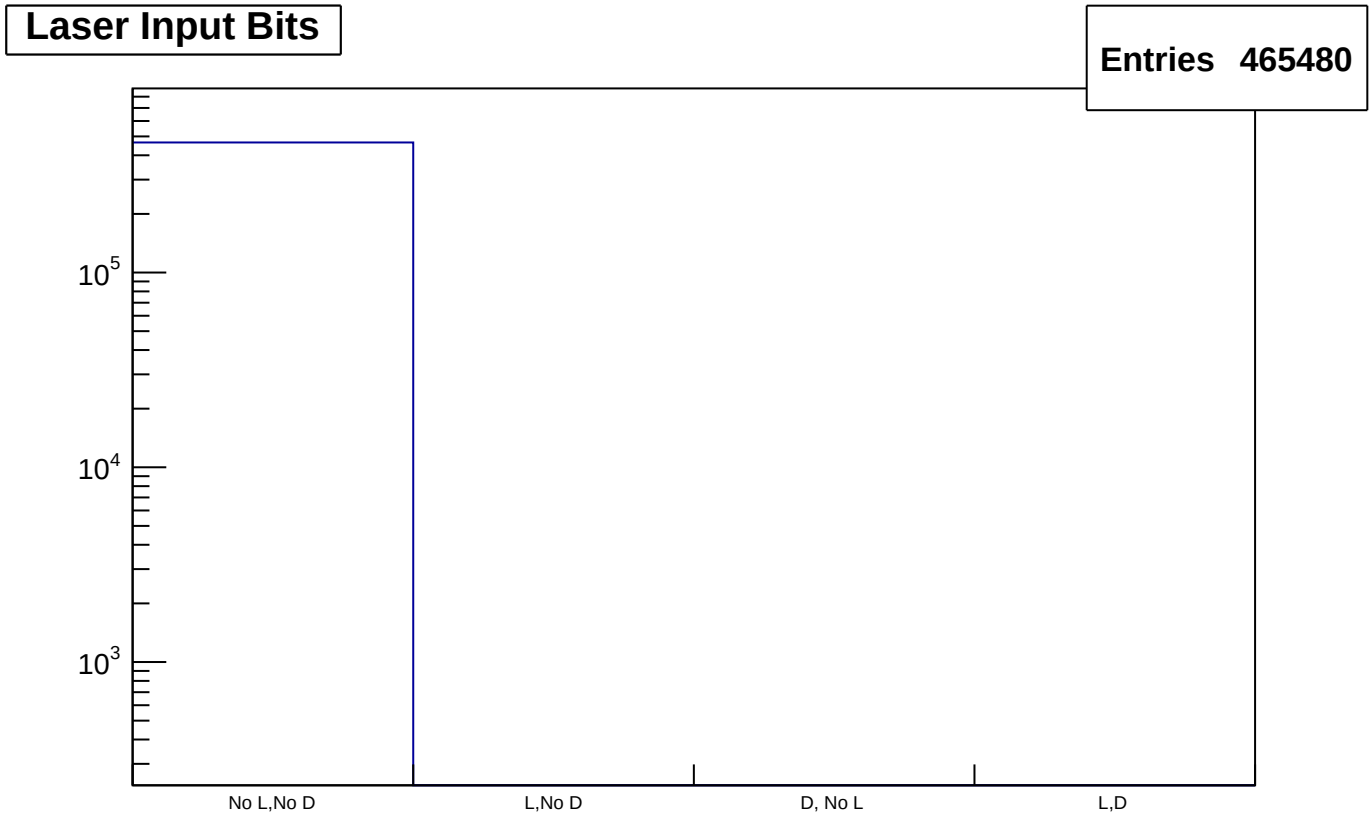

Entries 465480
TOF-Mult
VPD-West ADC Sum

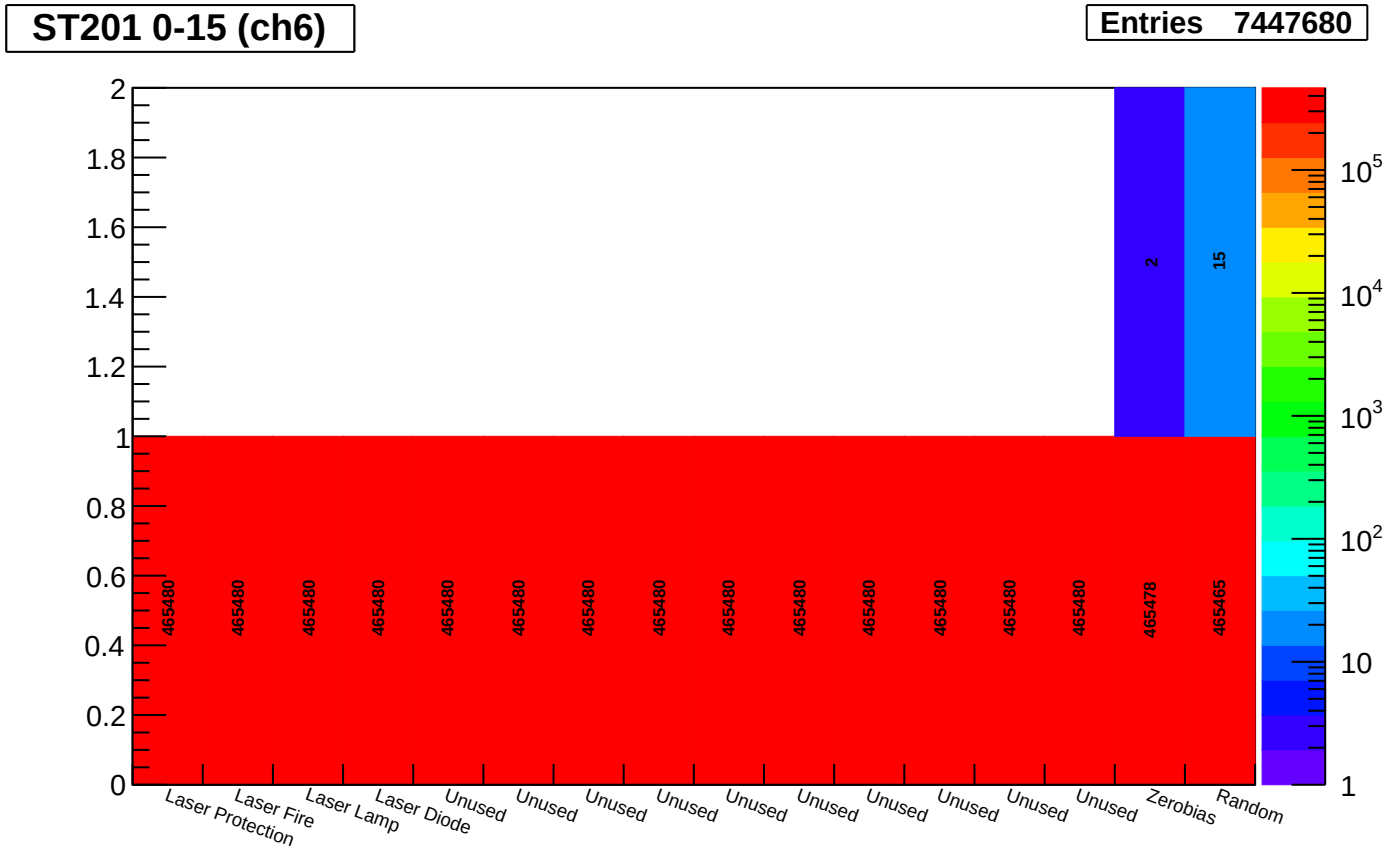

Entries 465480
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

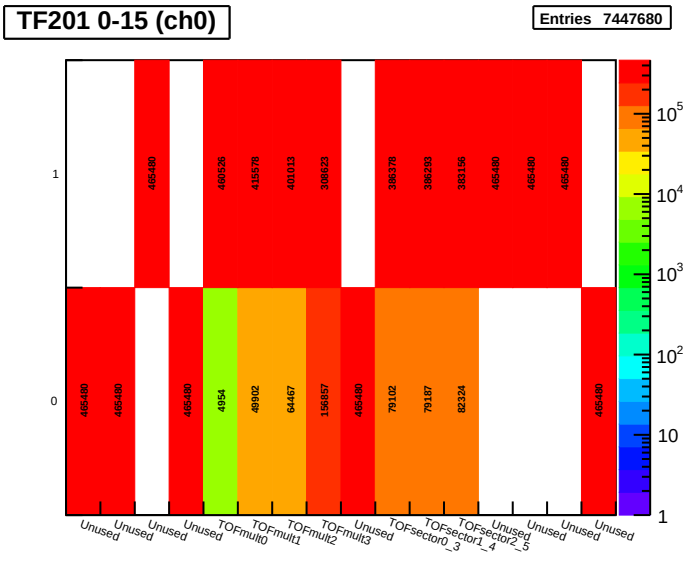

Entries 465480
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

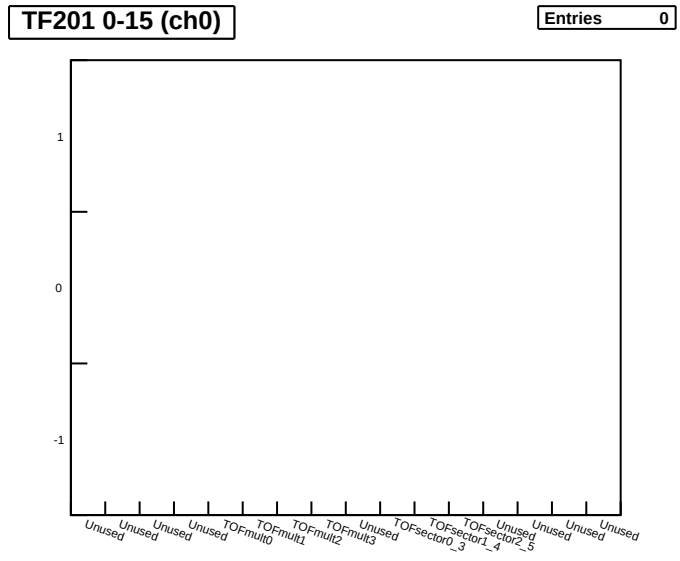

Entries 465480
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

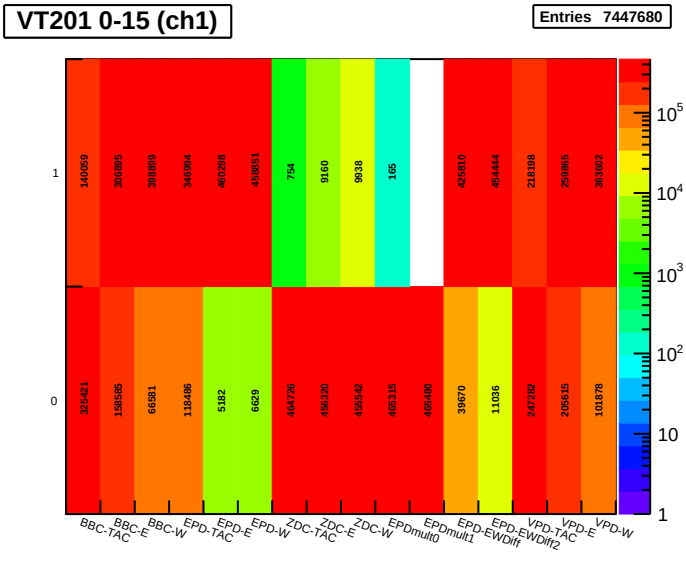

Entries 465480
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

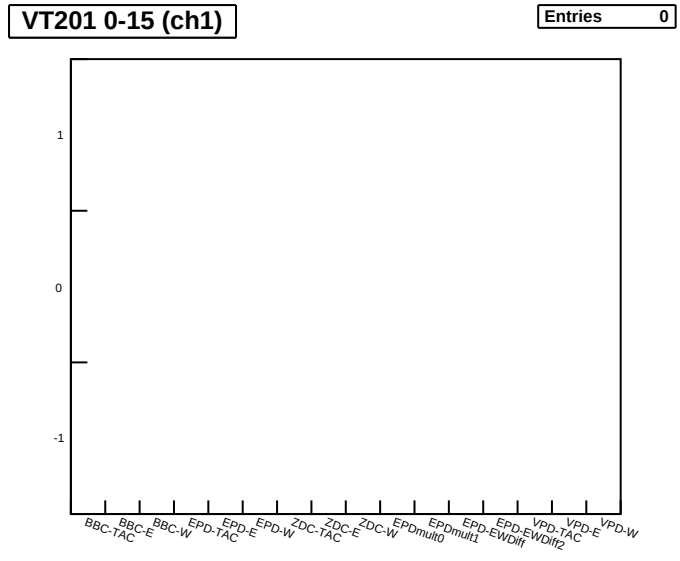

Laser Input Bits
Entries 465480
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

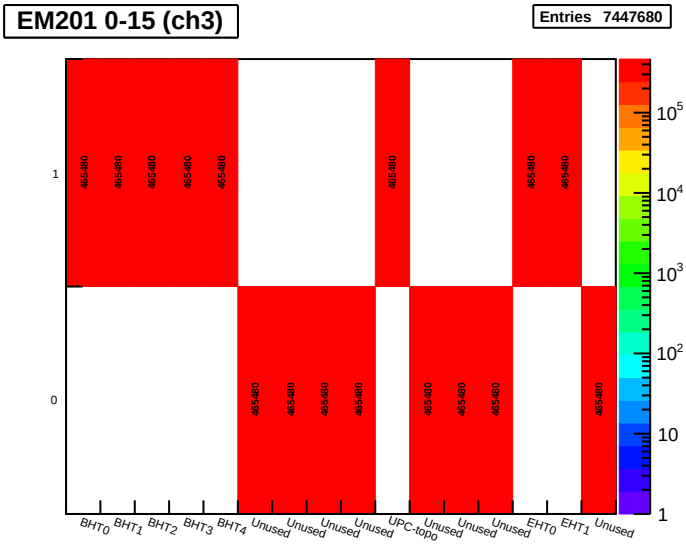

ST201 0-15 (ch6)
Entries 7447680
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
465480
465478
465465
2
15
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

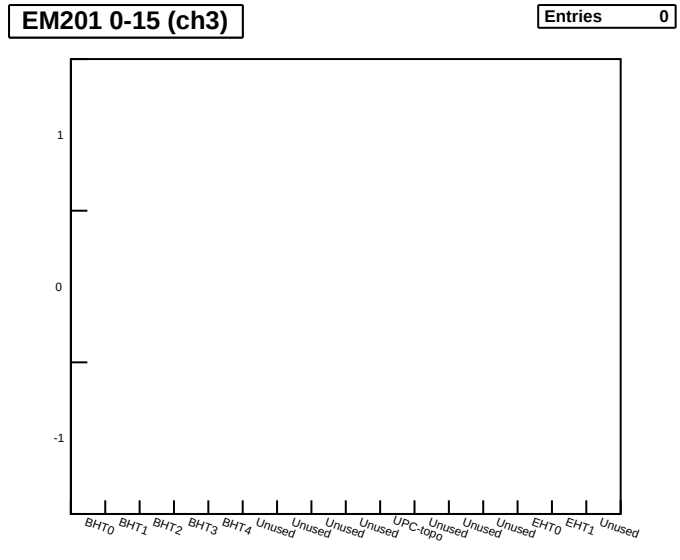

TF201 0-15 (ch0)
Entries 7447680
1
0
465480
460526
415578
401013
308623
386378
386233
383156
465480
465480
465480
465480
465480
465480
465480
4954
49902
64467
156857
465480
79102
79187
82324
465480
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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
Unused


VT201 0-15 (ch1)
Entries 7447680
1
0
140059
306895
393899
346994
460238
458851
754
9160
9938
165
425810
454444
218198
259865
363602
325421
158585
66581
118486
5182
6629
464726
456320
455542
465315
465480
39670
11036
247282
205615
101878
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 7447680
1
0
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
465480
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