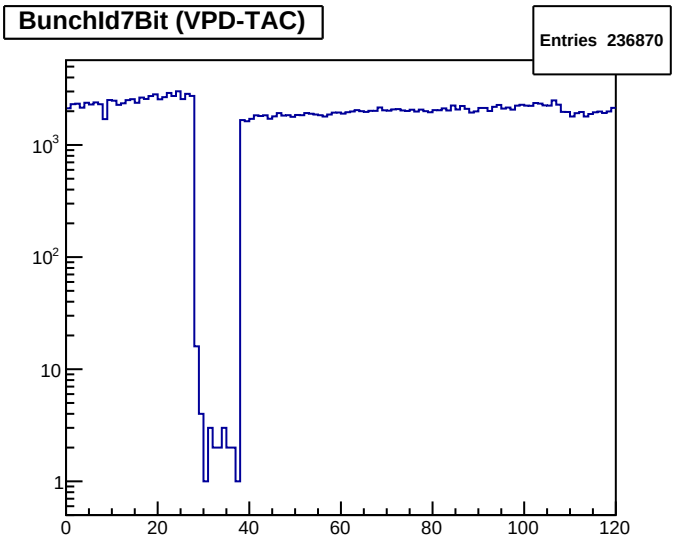
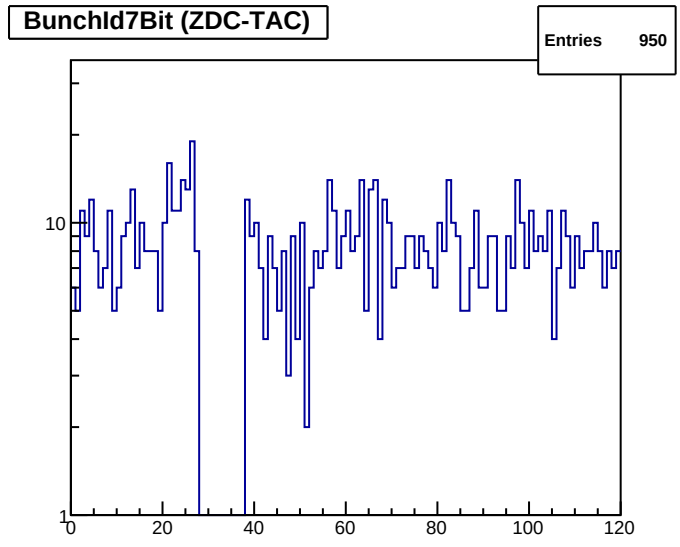
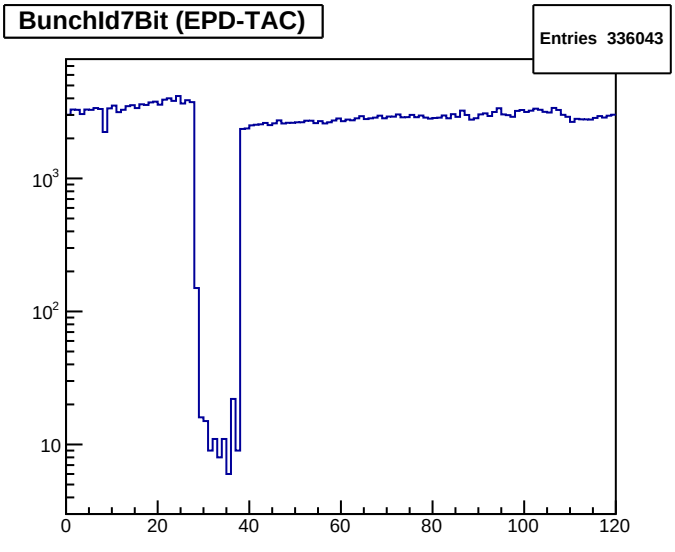
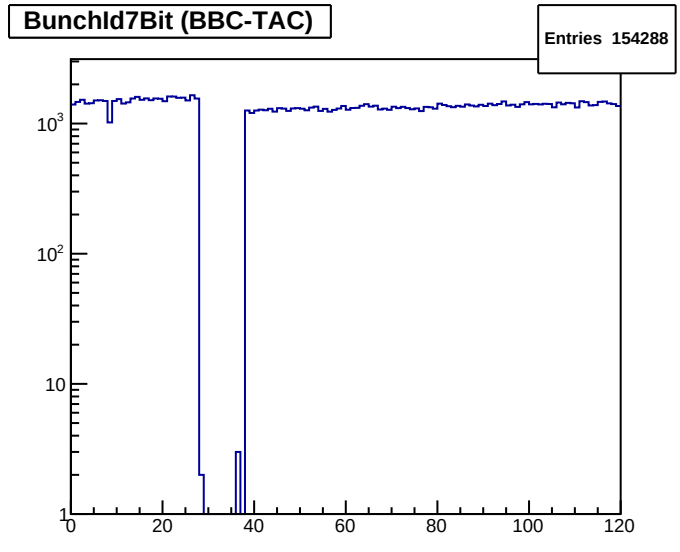
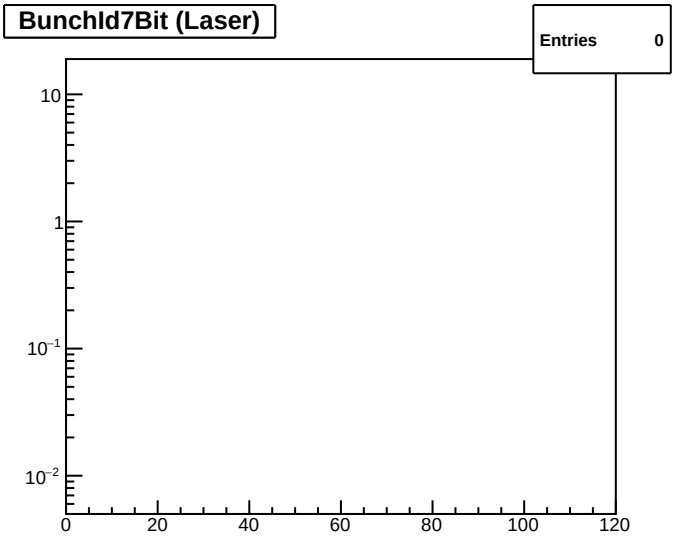
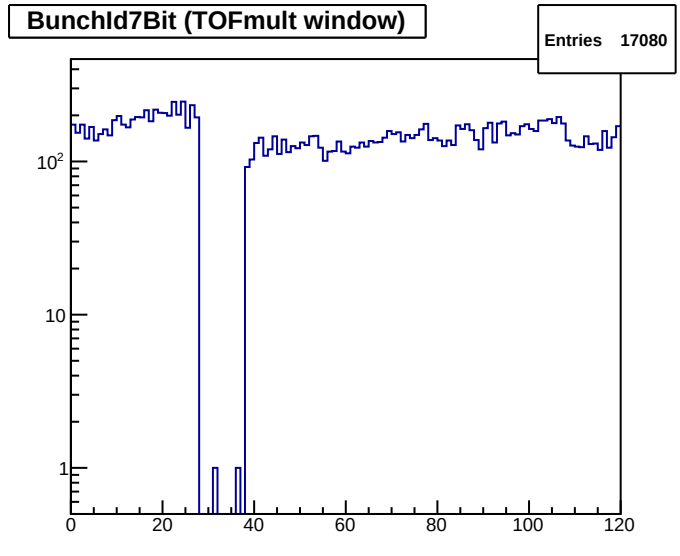

BunchId7Bit (VPD-TAC)
Entries 236870

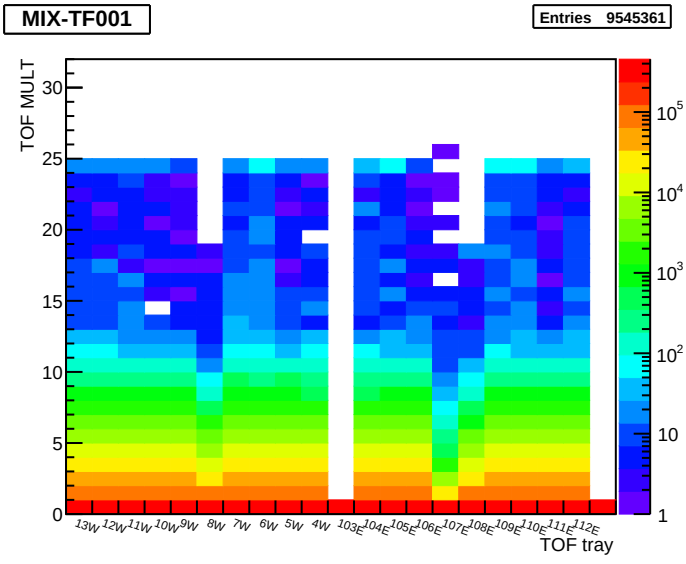

BunchId7Bit (ZDC-TAC)
Entries 950

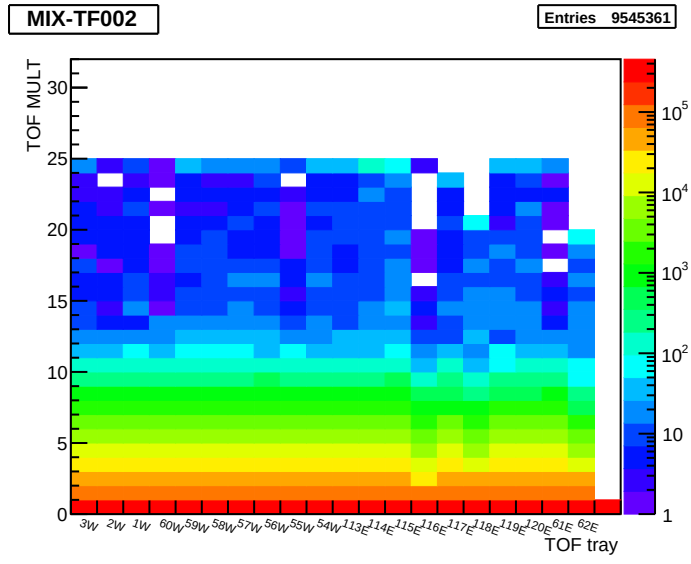

BunchId7Bit (EPD-TAC)
Entries 336043

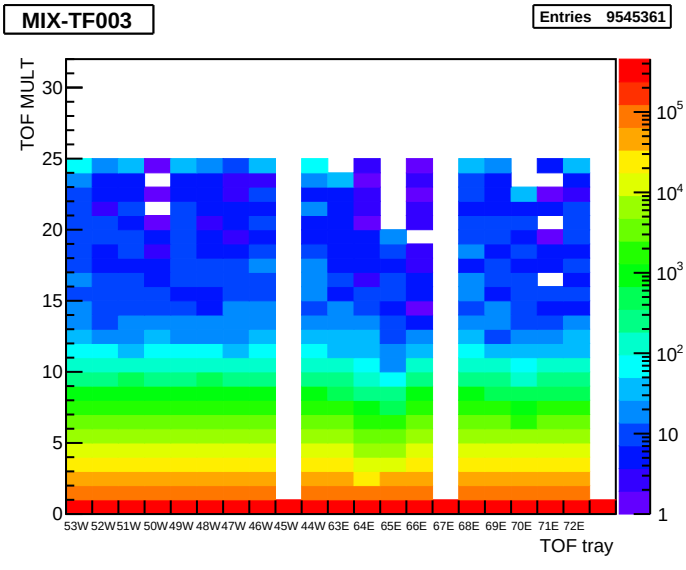

BunchId7Bit (BBC-TAC)
Entries 154288

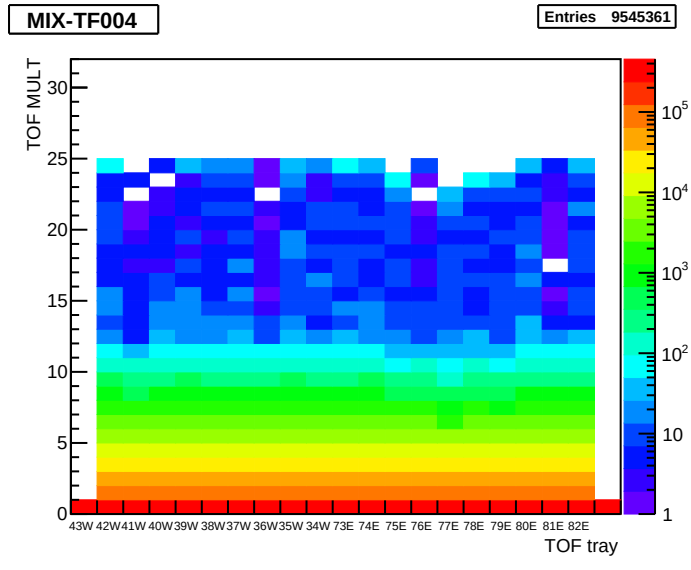

BunchId7Bit (Laser)
Entries 0

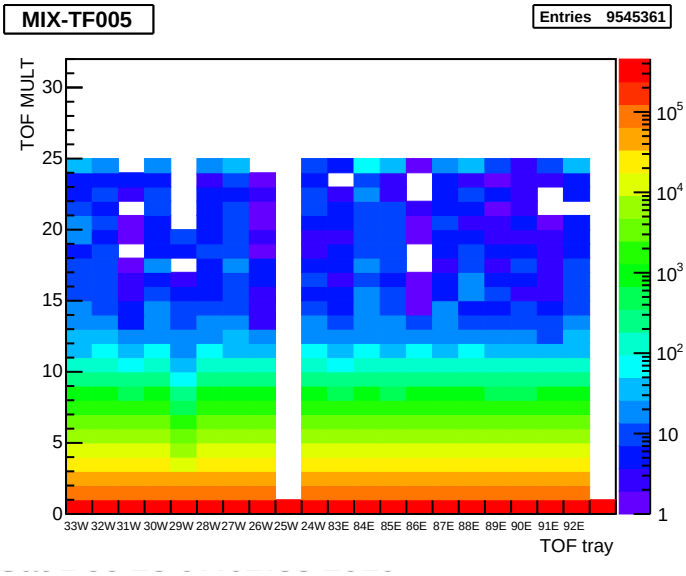

BunchId7Bit (TOFmult window)
Entries 17080

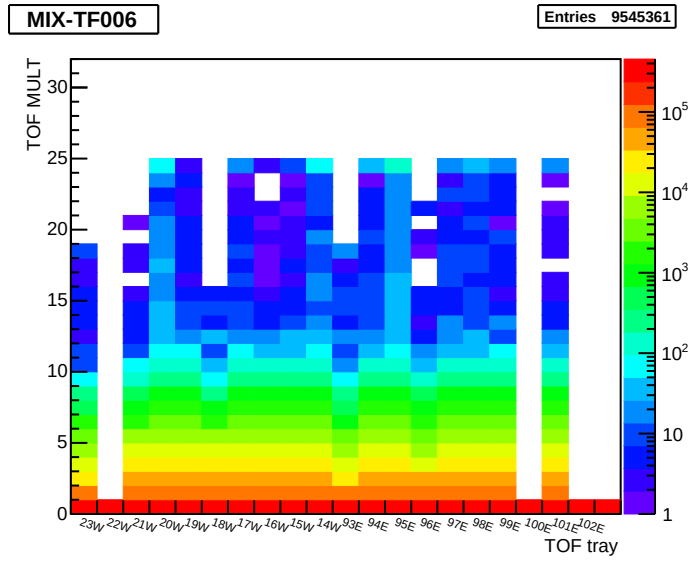

MIX-TF001
Entries 9545361
TOF MULT
TOF tray

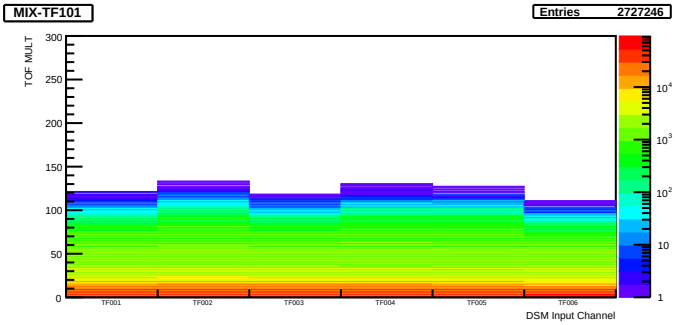

MIX-TF002
Entries 9545361
TOF MULT
TOF tray

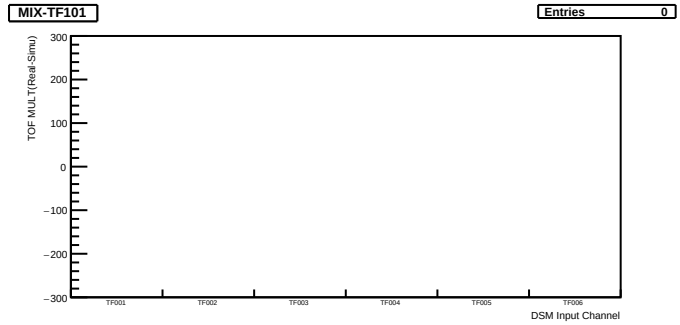

MIX-TF003
Entries 9545361
TOF MULT
TOF tray

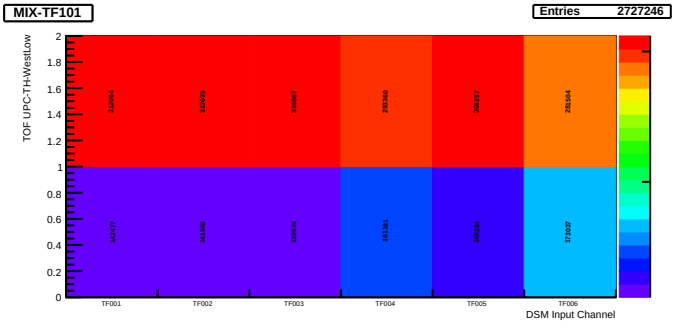

MIX-TF004
Entries 9545361
TOF MULT
TOF tray

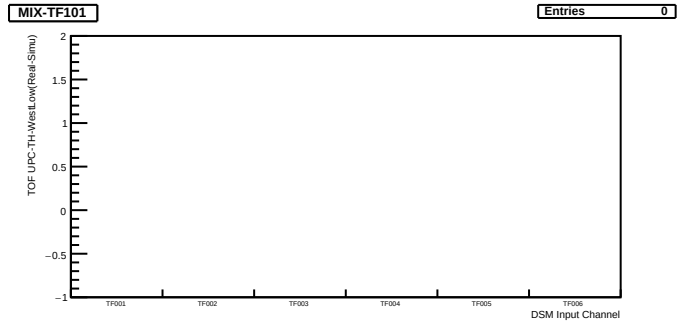

MIX-TF005
Entries 9545361
TOF MULT
TOF tray

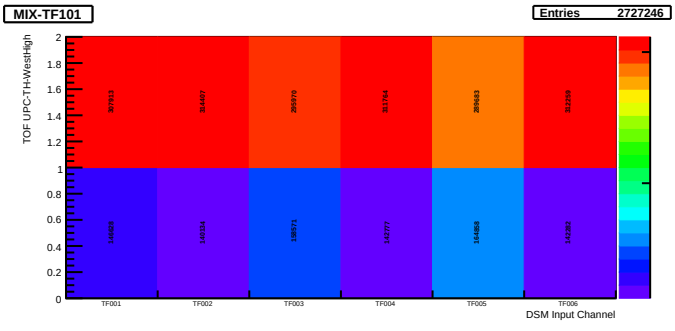

MIX-TF006
Entries 9545361
TOF MULT
TOF tray

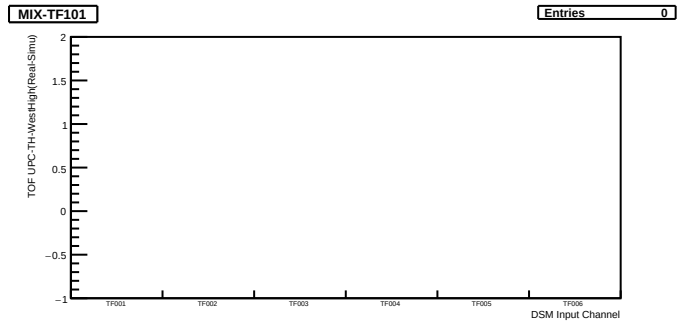

MIX-TF101
Entries 2727246
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

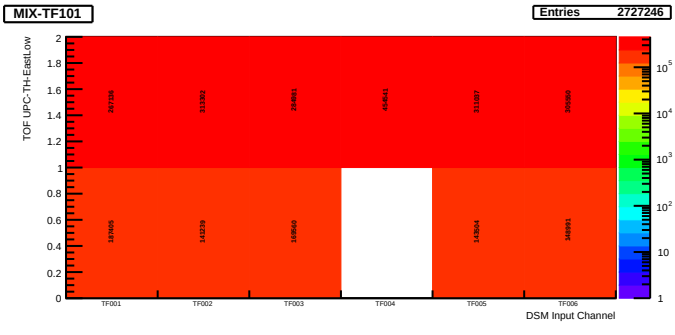

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

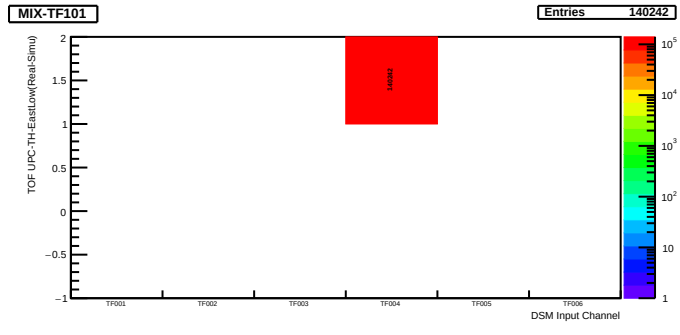

MIX-TF101
Entries 2727246
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

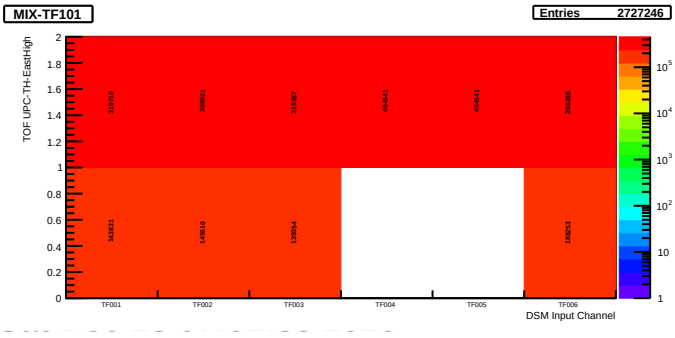

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

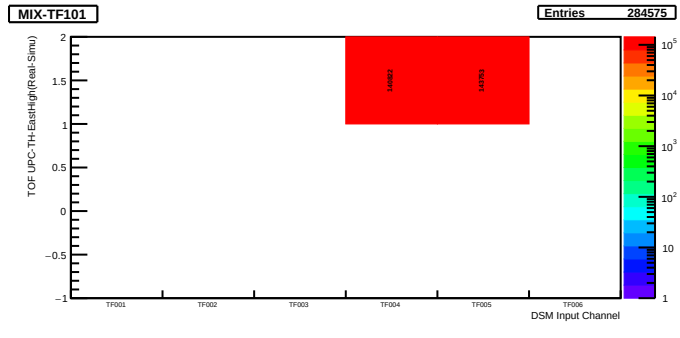

MIX-TF101
Entries 2727246
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

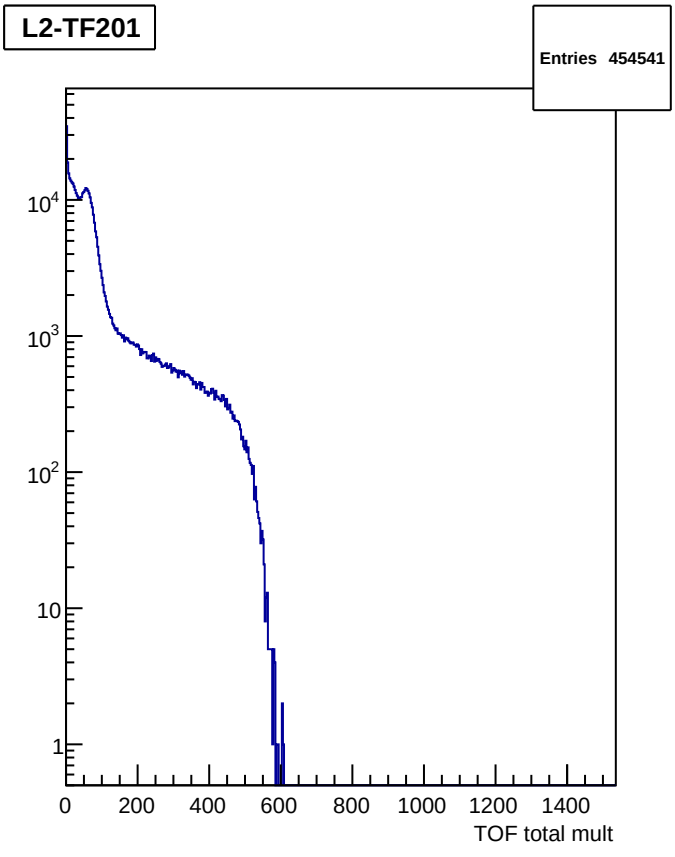

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

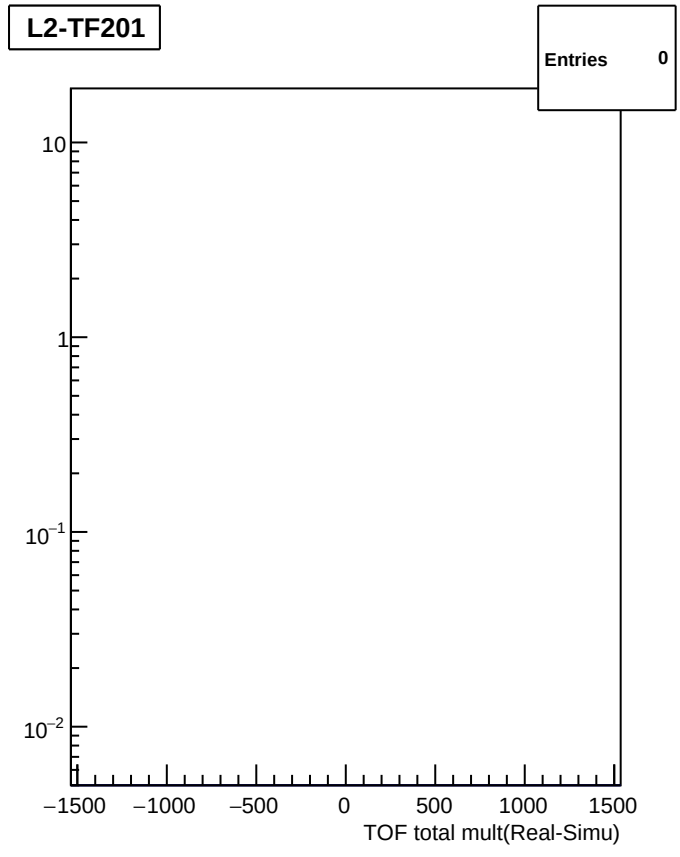

MIX-TF101
Entries 2727246
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

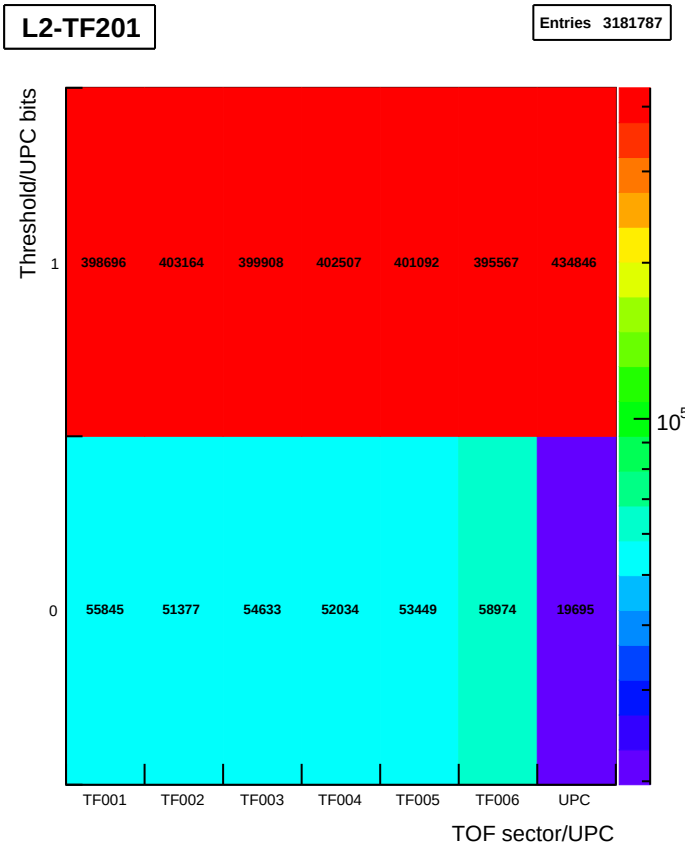

MIX-TF101
Entries 140242
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

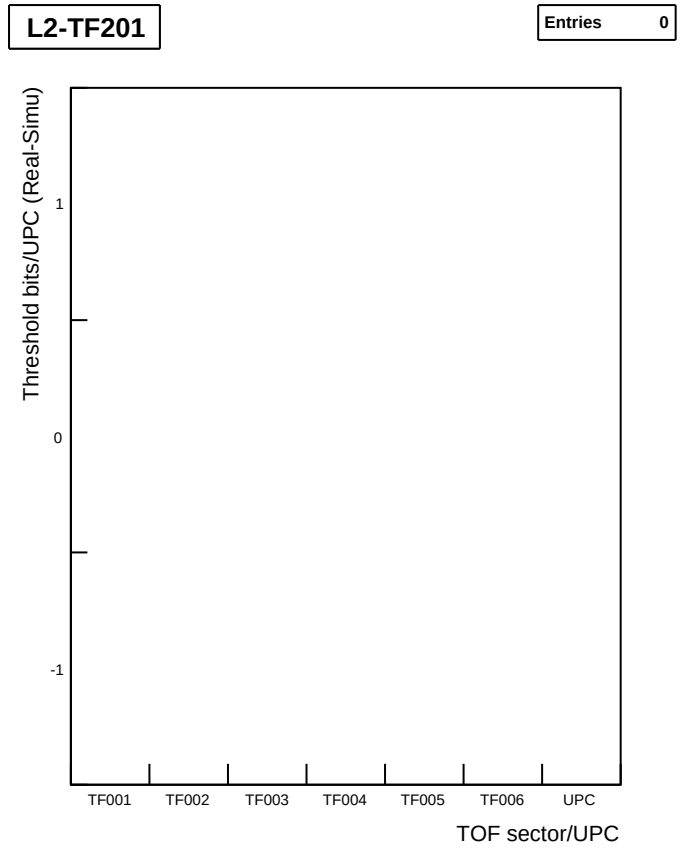

MIX-TF101
Entries 2727246
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

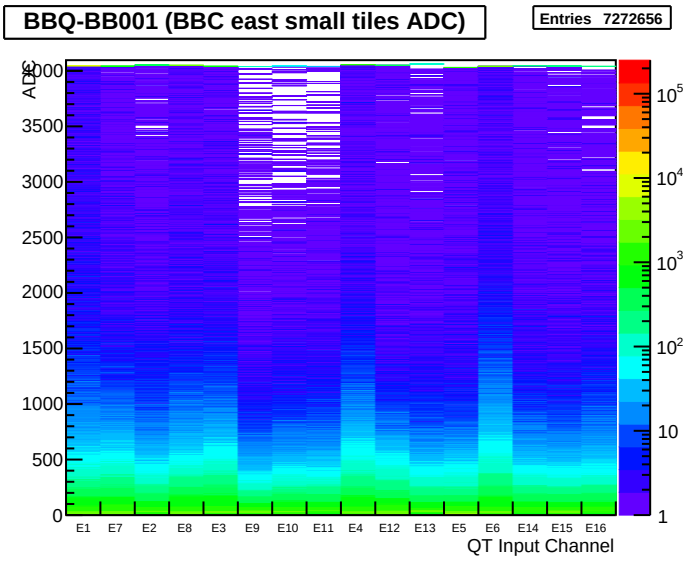

MIX-TF101
Entries 284575
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

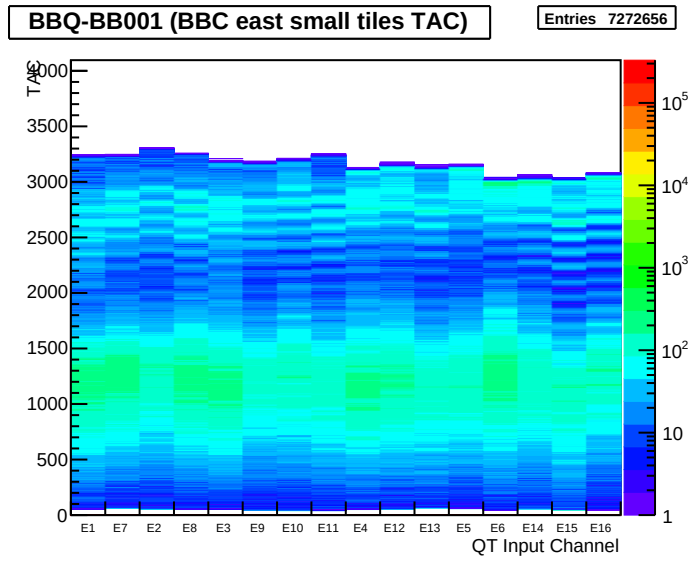

L2-TF201
Entries 454541
TOF total mult

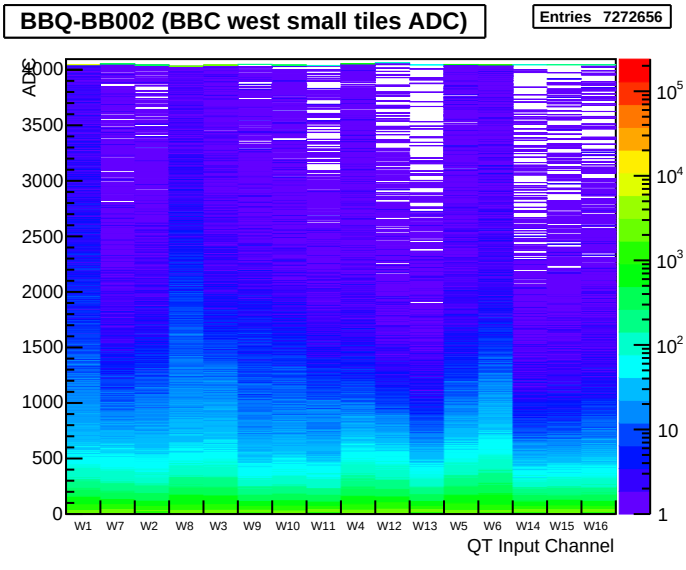

L2-TF201
Entries 0
TOF total mult(Real-Simu)

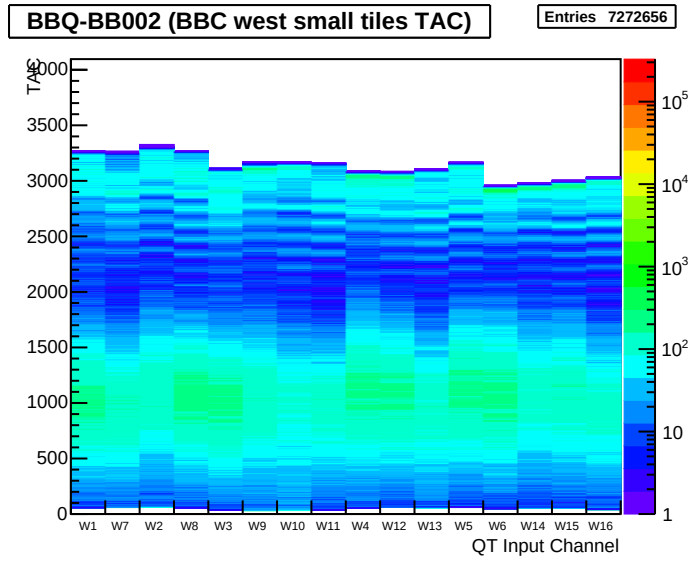

L2-TF201
Entries 3181787
Threshold/UPC bits
398696
403164
399908
402507
401092
395567
434846
55845
51377
54633
52034
53449
58974
19695
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

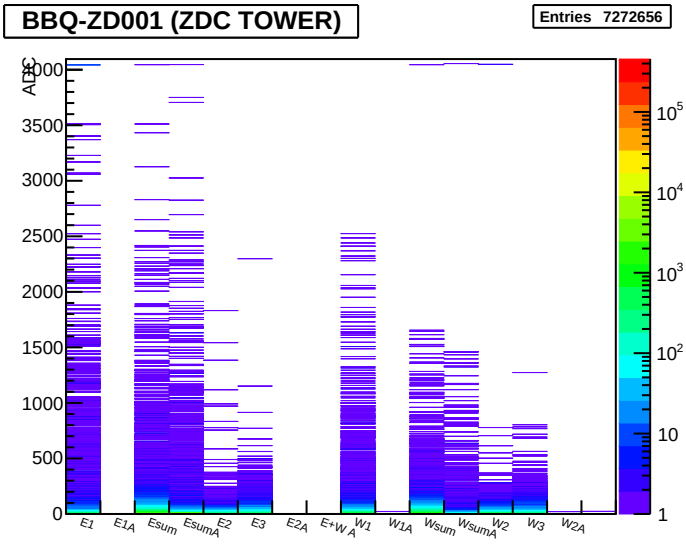

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

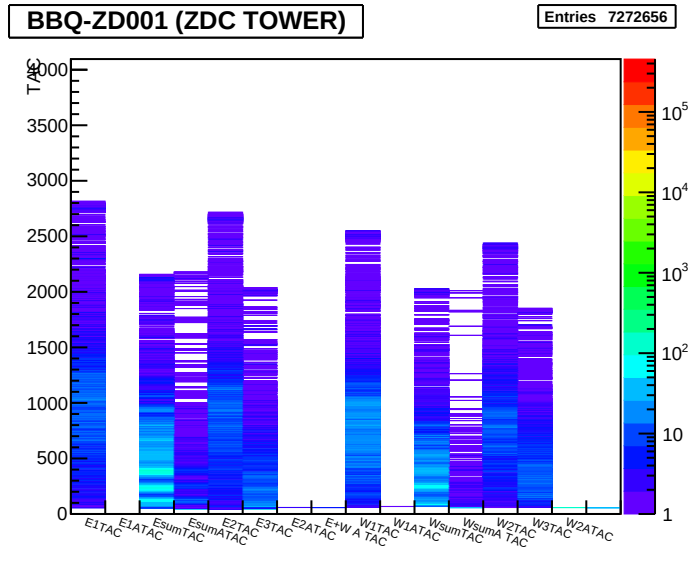

BBQ-BB001 (BBC east small tiles ADC)
Entries 7272656
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

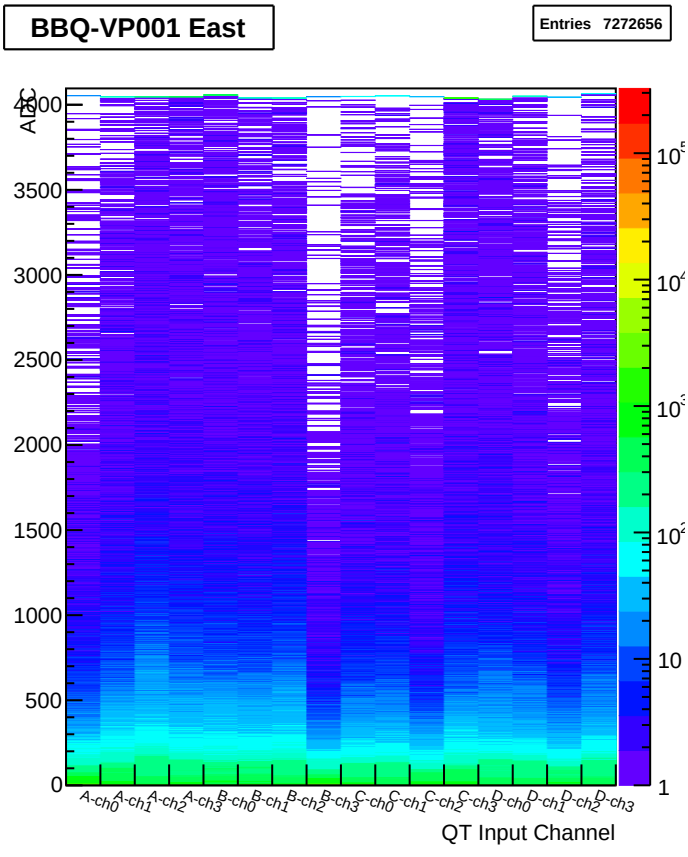

BBQ-BB001 (BBC east small tiles TAC)
Entries 7272656
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

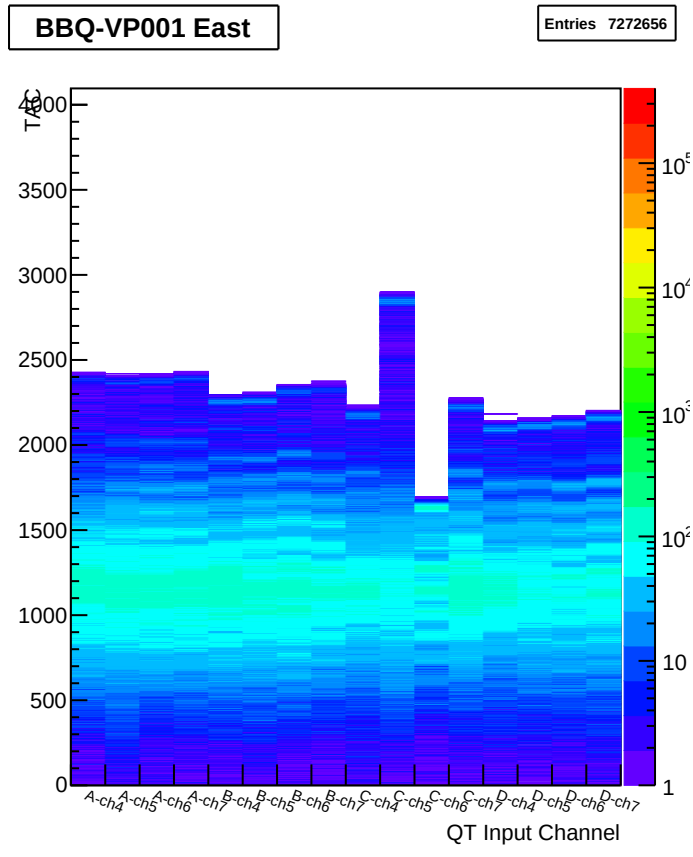

BBQ-BB002 (BBC west small tiles ADC)
Entries 7272656
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

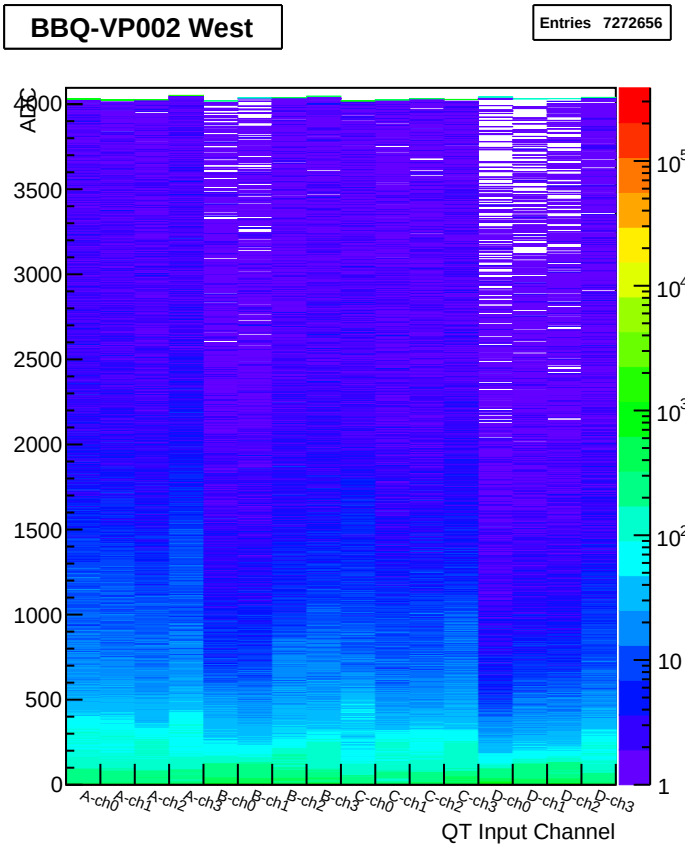

BBQ-BB002 (BBC west small tiles TAC)
Entries 7272656
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

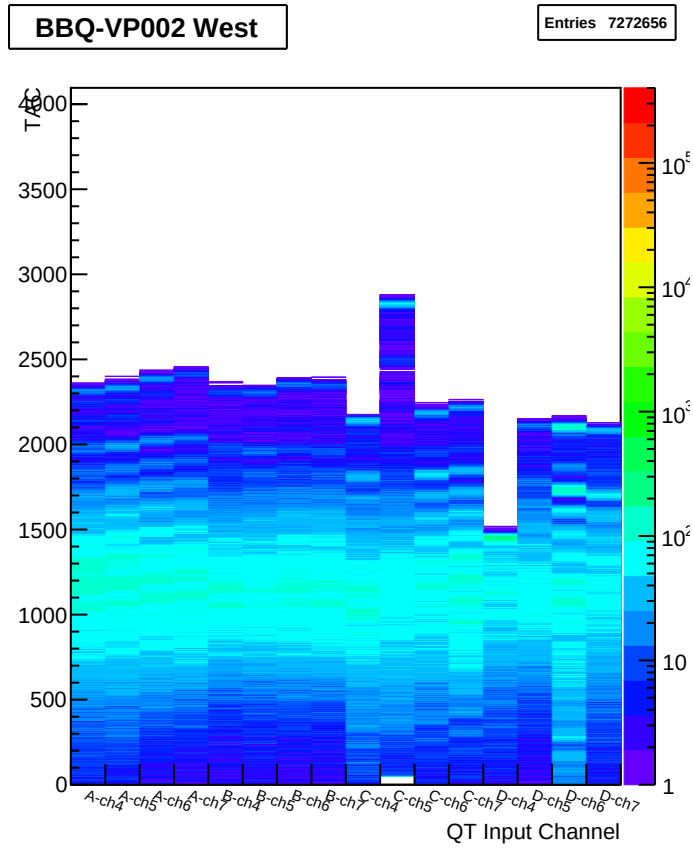

BBQ-ZD001 (ZDC TOWER)
Entries 7272656
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

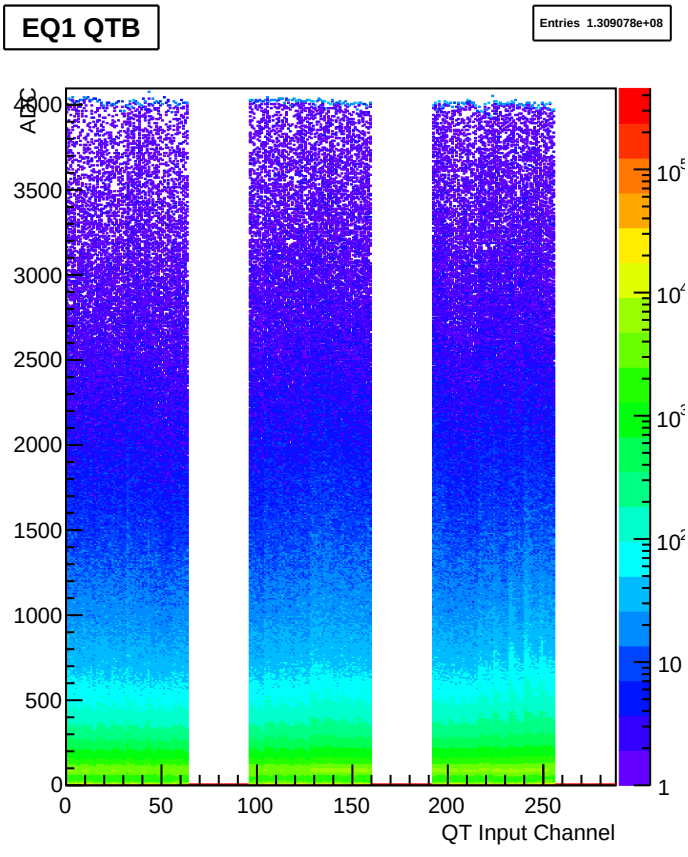

BBQ-ZD001 (ZDC TOWER)
Entries 7272656
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

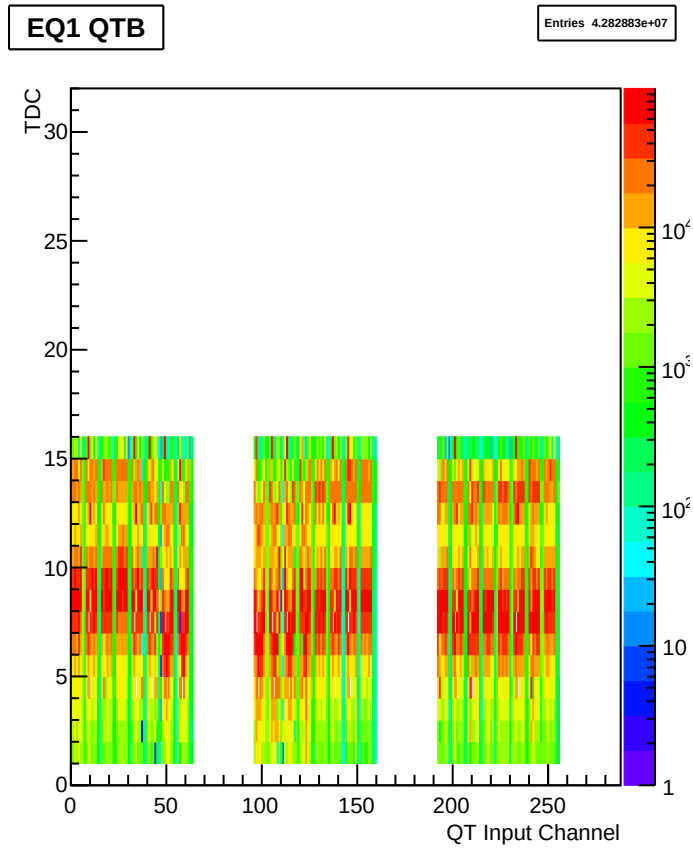

BBQ-VP001 East
Entries 7272656
ADC
QT Input Channel

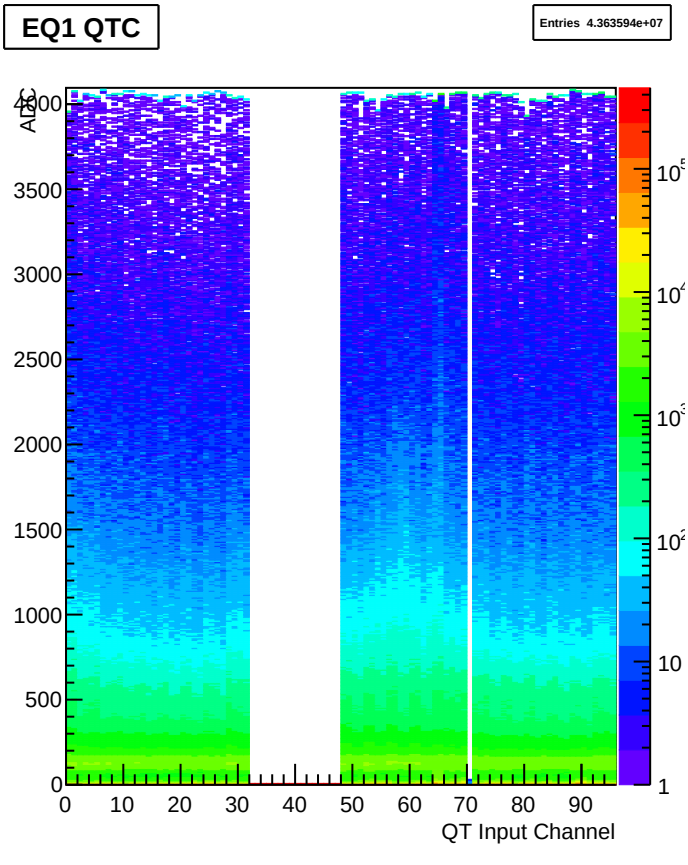

BBQ-VP001 East
Entries 7272656
TAC
QT Input Channel

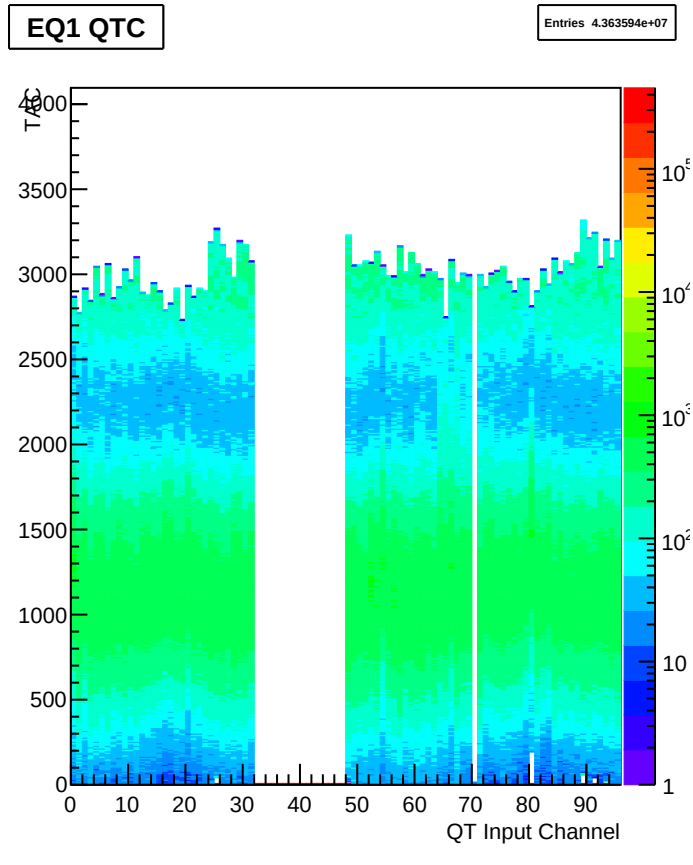

BBQ-VP002 West
Entries 7272656
ADC
QT Input Channel

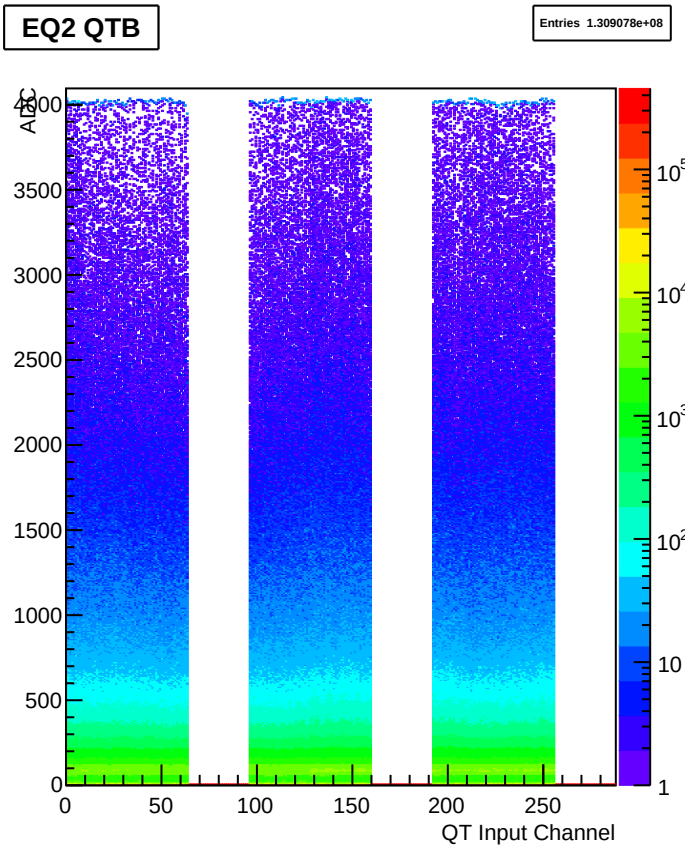

BBQ-VP002 West
Entries 7272656
TAC
QT Input Channel

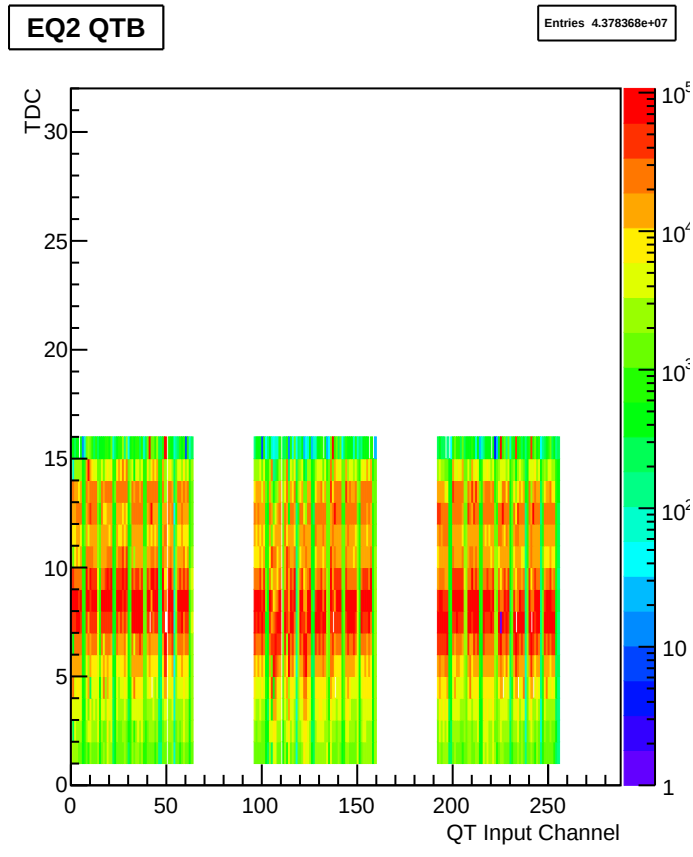

EQ1 QTB
Entries 1.309078e+08
ADC
QT Input Channel

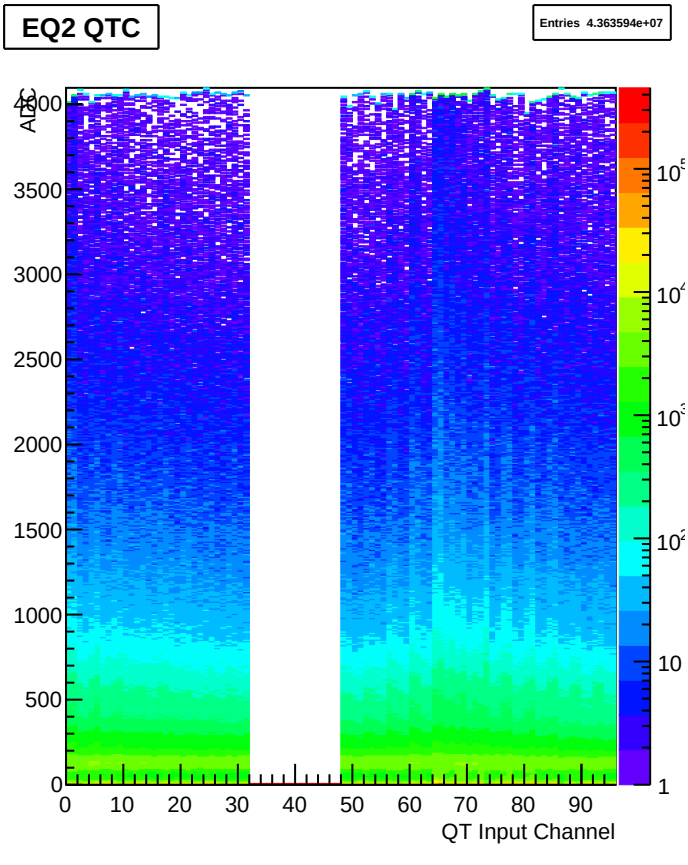

EQ1 QTB
Entries 4.282883e+07
TDC
QT Input Channel

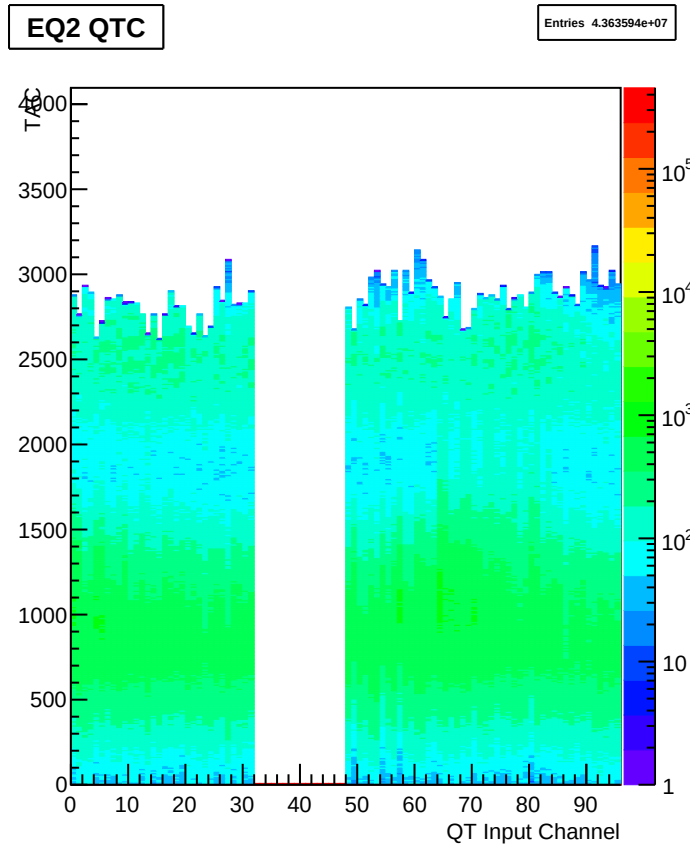

EQ1 QTC
Entries 4.363594e+07
ADC
QT Input Channel

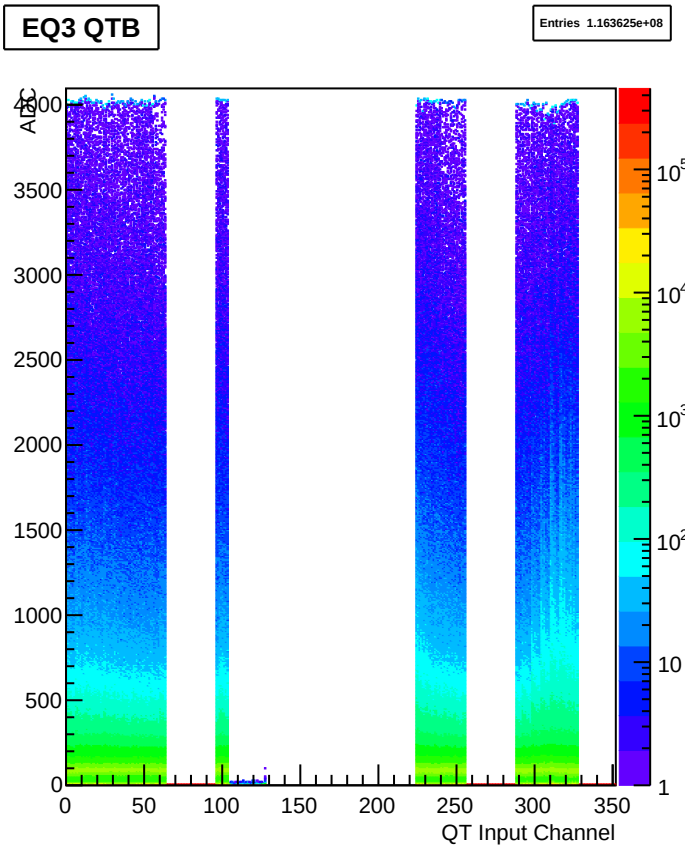

EQ1 QTC
Entries 4.363594e+07
TADC
QT Input Channel

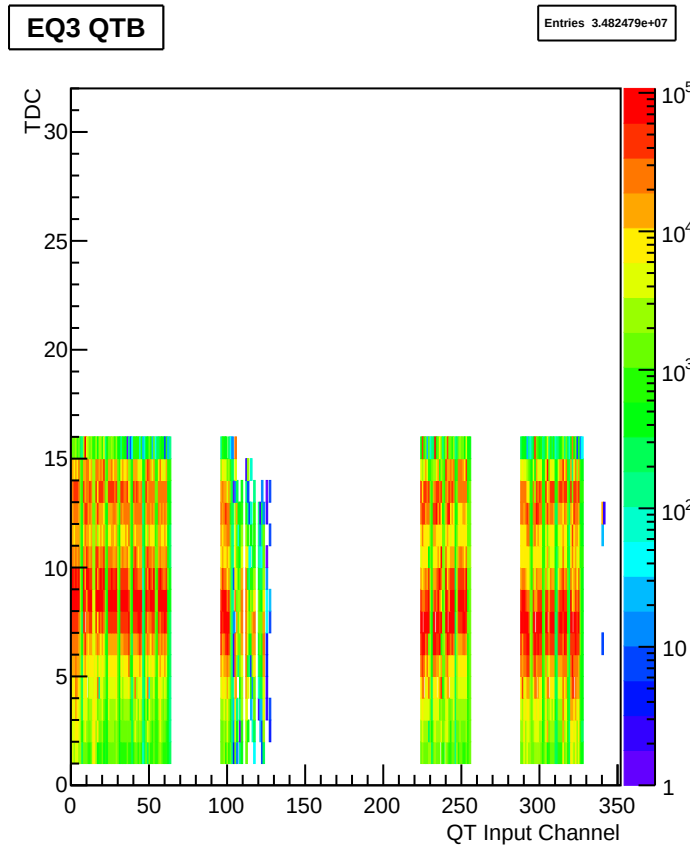

EQ2 QTB
Entries 1.309078e+08
ADC
QT Input Channel

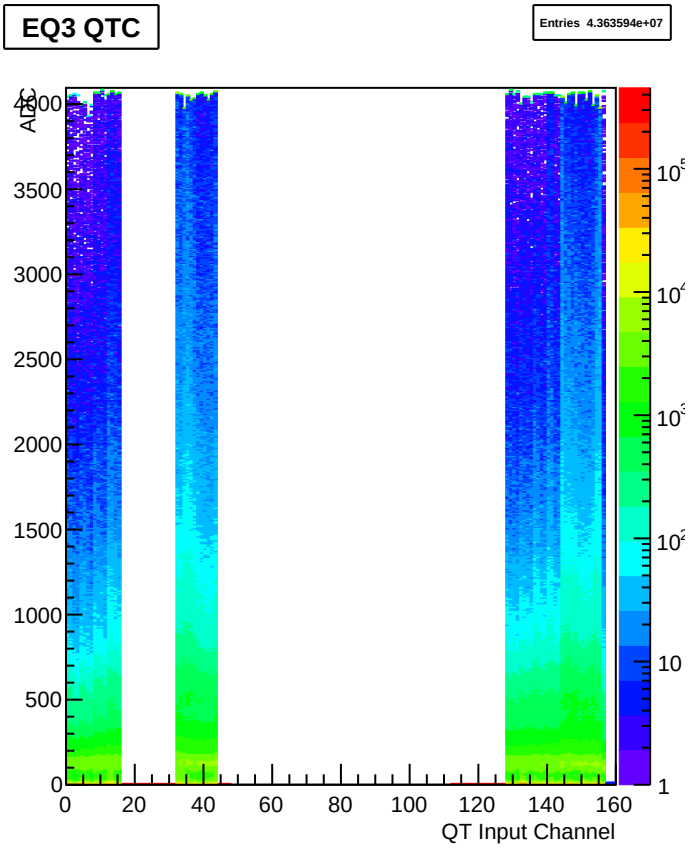

EQ2 QTB
Entries 4.378368e+07
TDC
QT Input Channel

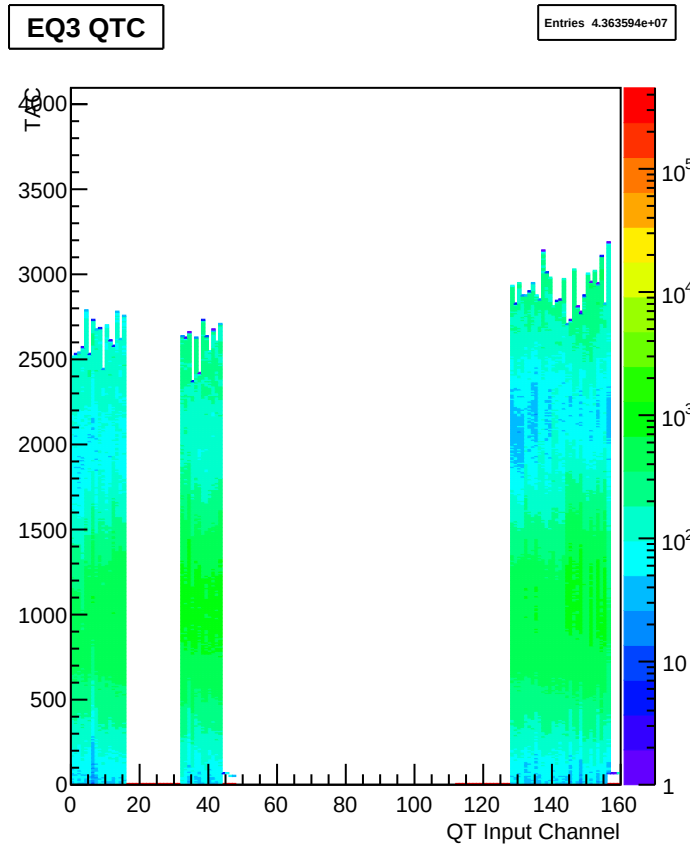

EQ2 QTC
Entries 4.363594e+07
ADC
QT Input Channel

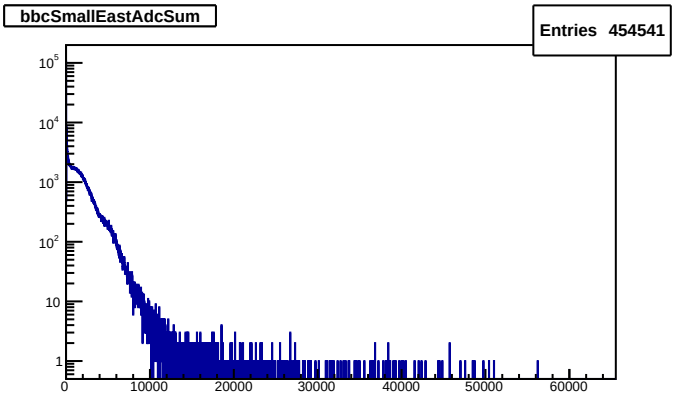

EQ2 QTC
Entries 4.363594e+07
TADC
QT Input Channel

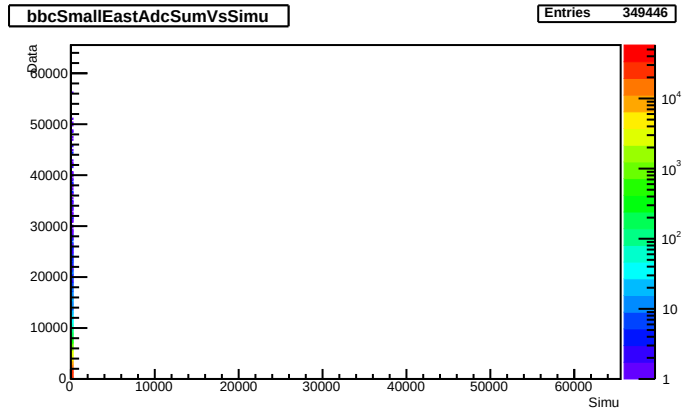

EQ3 QTB
Entries 1.163625e+08
ADC
QT Input Channel

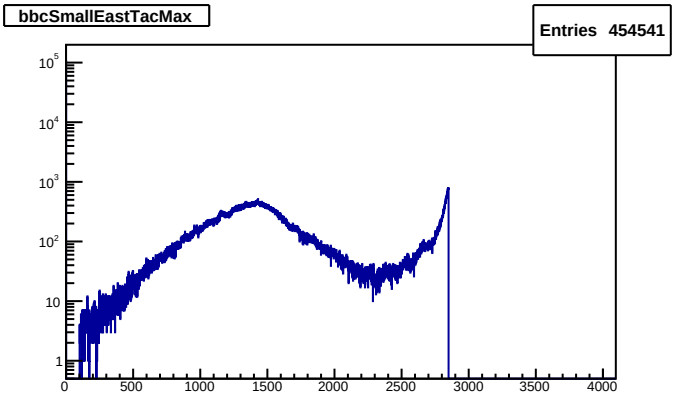

EQ3 QTB
Entries 3.482479e+07
TDC
QT Input Channel

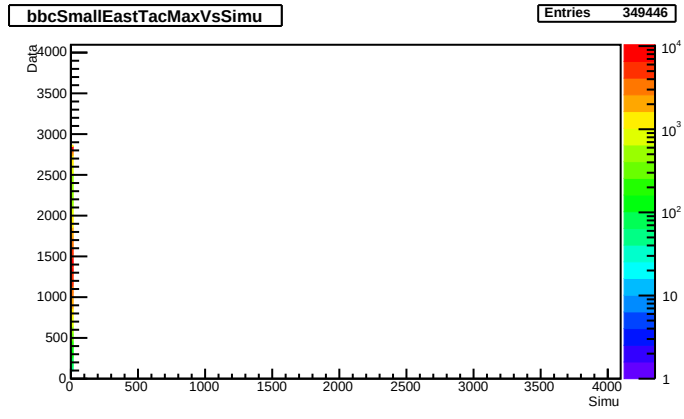

EQ3 QTC
Entries 4.363594e+07
ADC
QT Input Channel

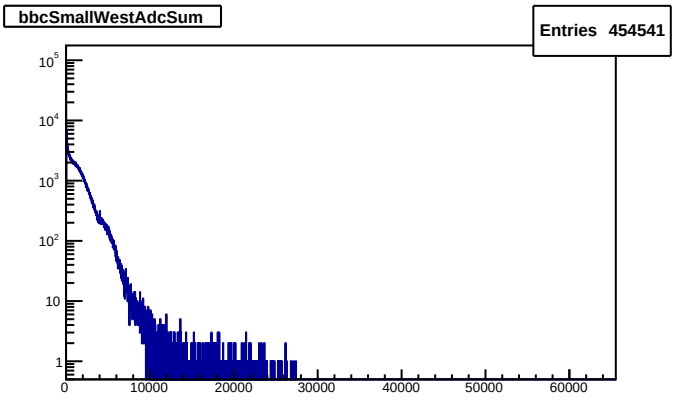

EQ3 QTC
Entries 4.363594e+07
TADC
QT Input Channel

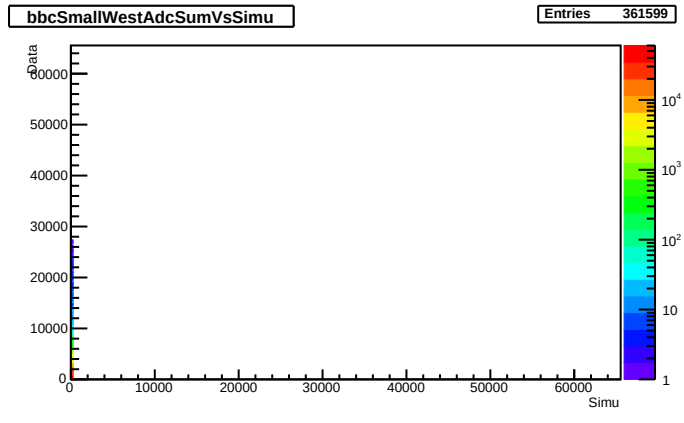

bbcSmallEastAdcSum
Entries 454541

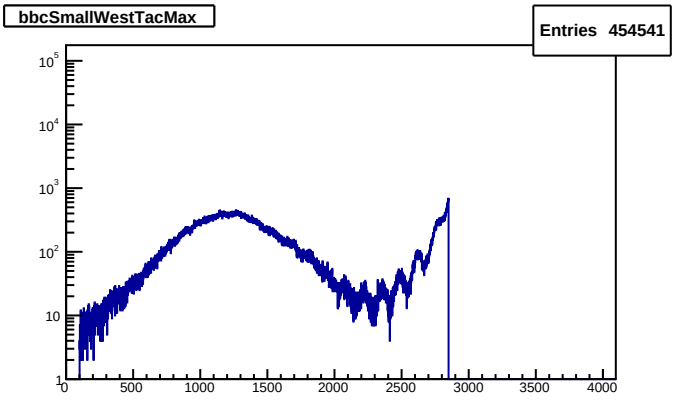

bbcSmallEastAdcSumVsSimu
Entries 349446
Data
Simu


bbcSmallEastTacMax
Entries 454541


bbcSmallEastTacMaxVsSimu
Entries 349446
Data
Simu


bbcSmallWestAdcSum
Entries 454541


bbcSmallWestAdcSumVsSimu
Entries 361599
Data
Simu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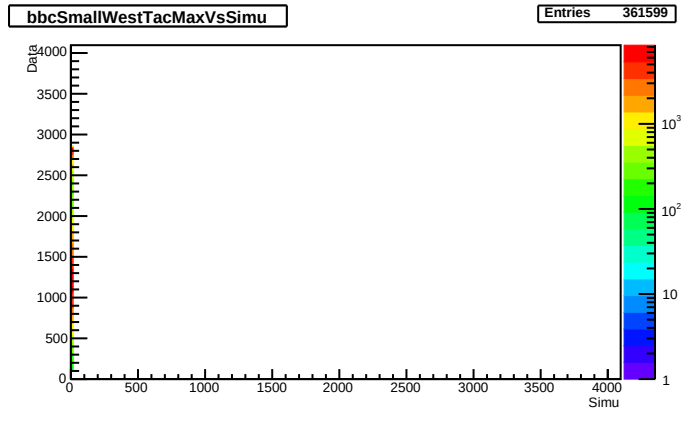
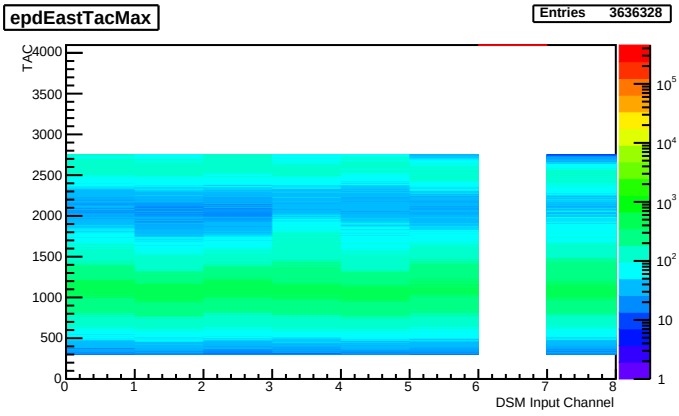
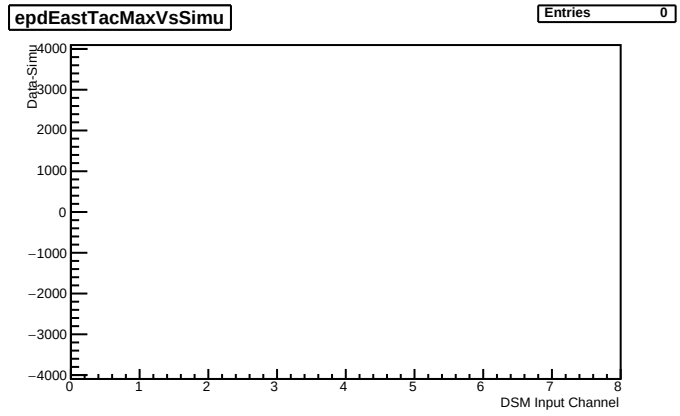
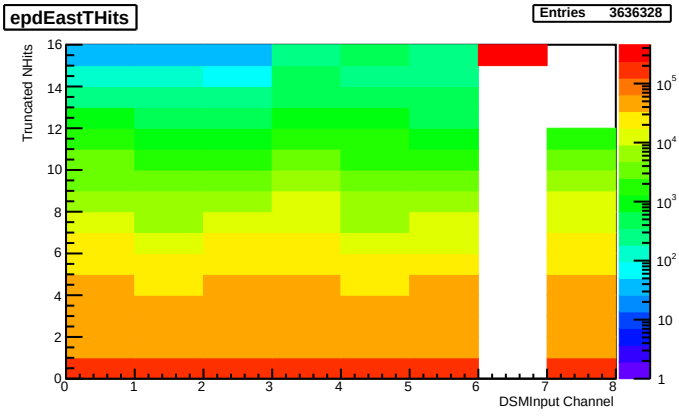
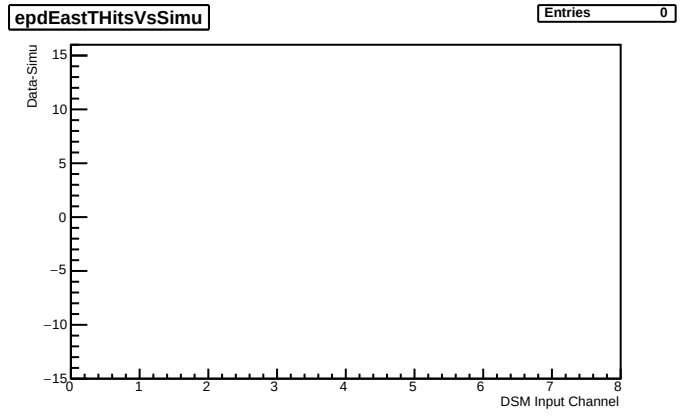
Entries 454541

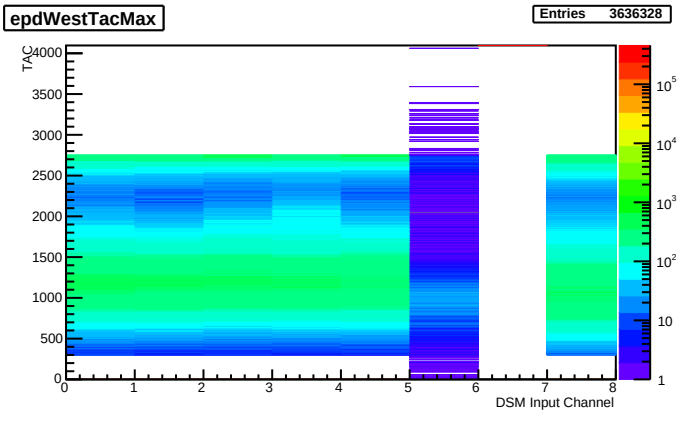

bbcSmallWestTacMaxVsSimu
Entries 361599
Data
Simu

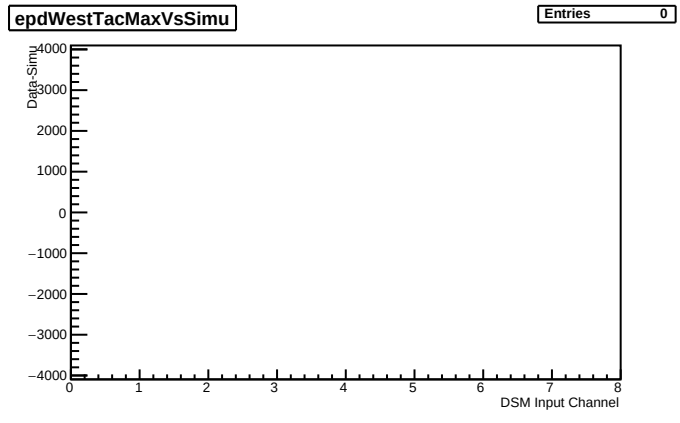

epdEastTacMax
Entries 3636328
TAC
DSM Input Channel

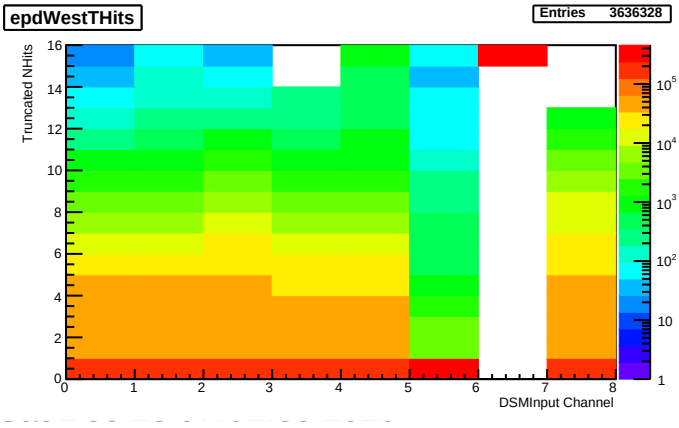

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

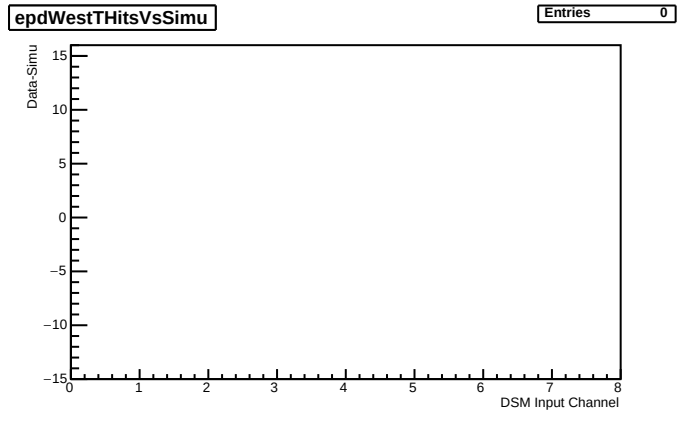

epdEastTHits
Entries 3636328
Truncated NHits
DSMInput Channel

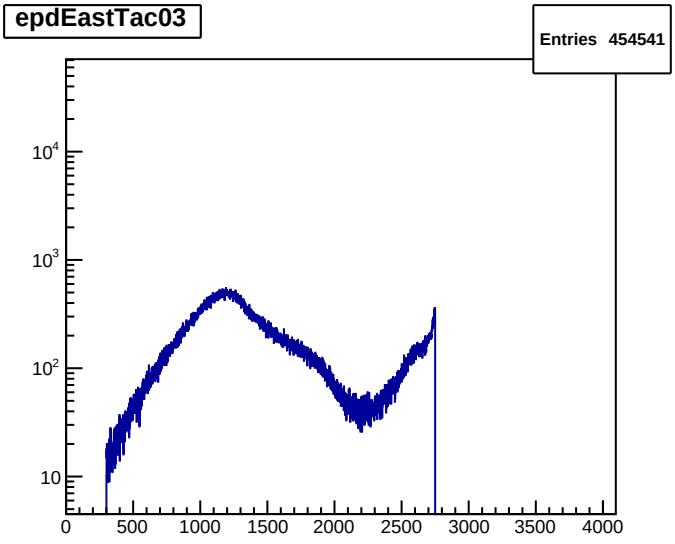

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

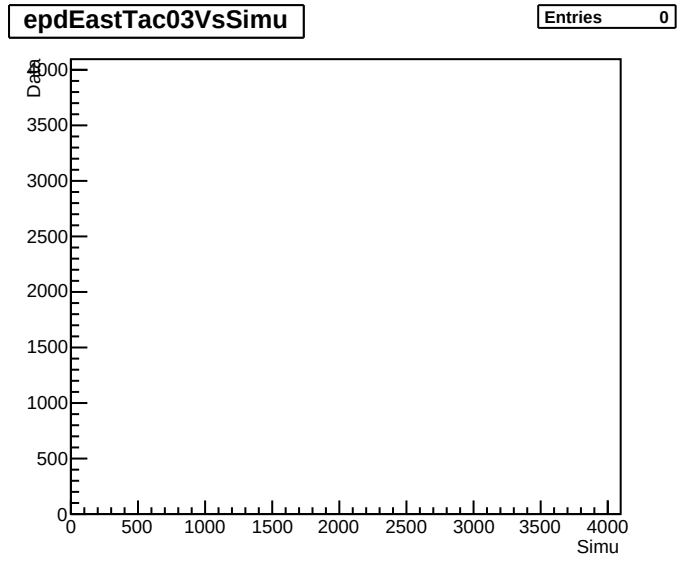

epdWestTacMax
Entries 3636328
TAC
DSM Input Channel

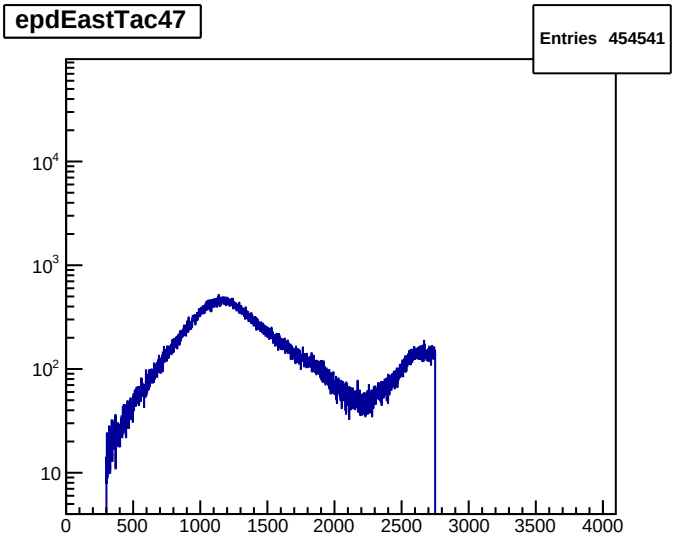

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

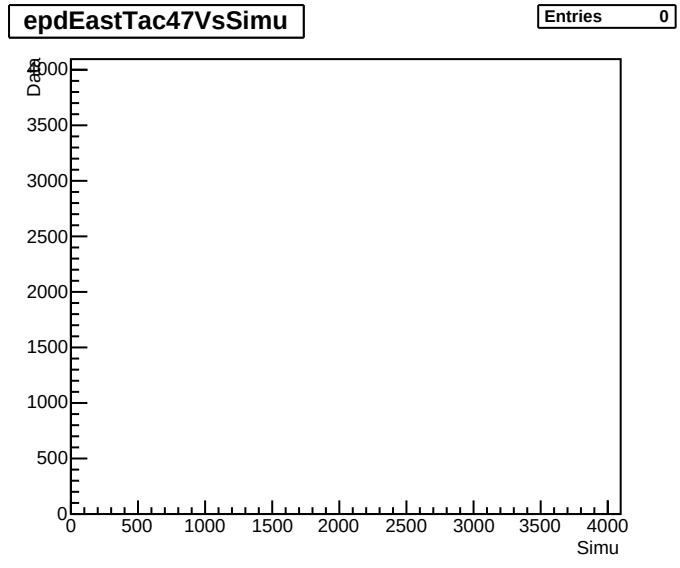

epdWestTHits
Entries 3636328
Truncated NHits
DSMInput Channel

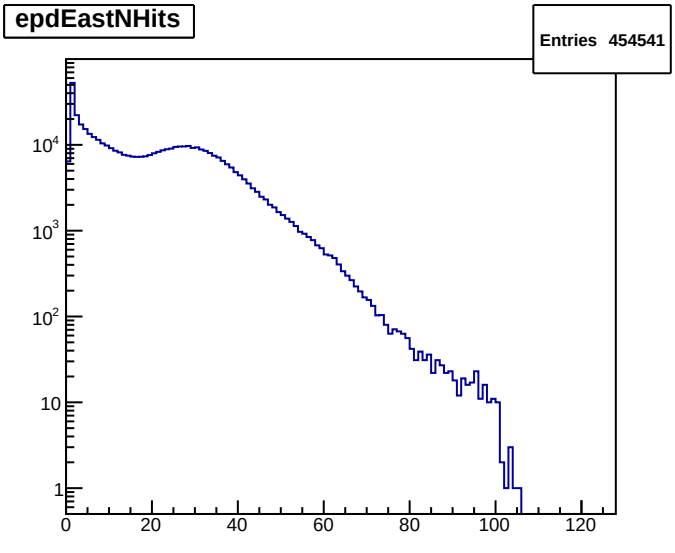

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

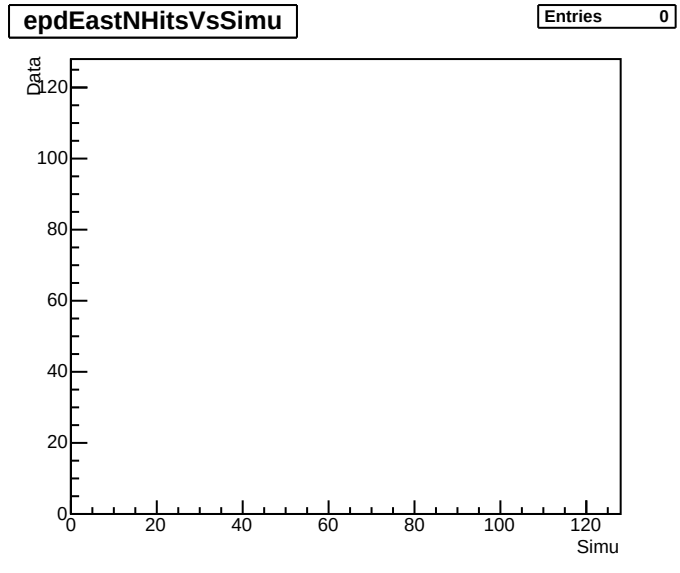

epdEastTac03
Entries 454541
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

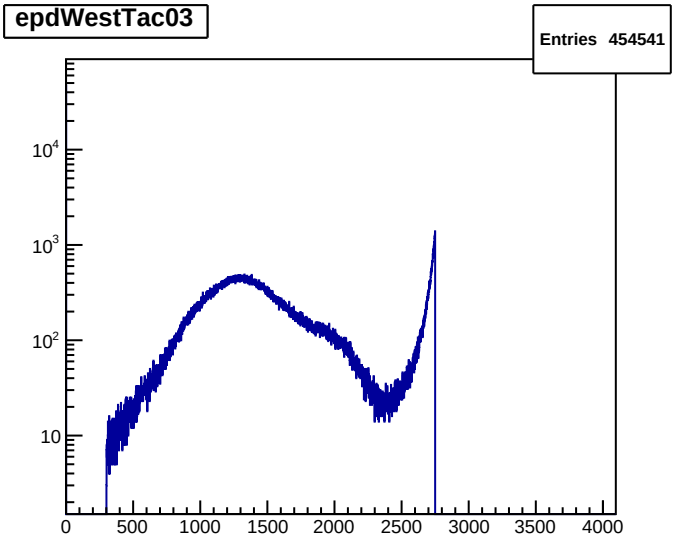

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

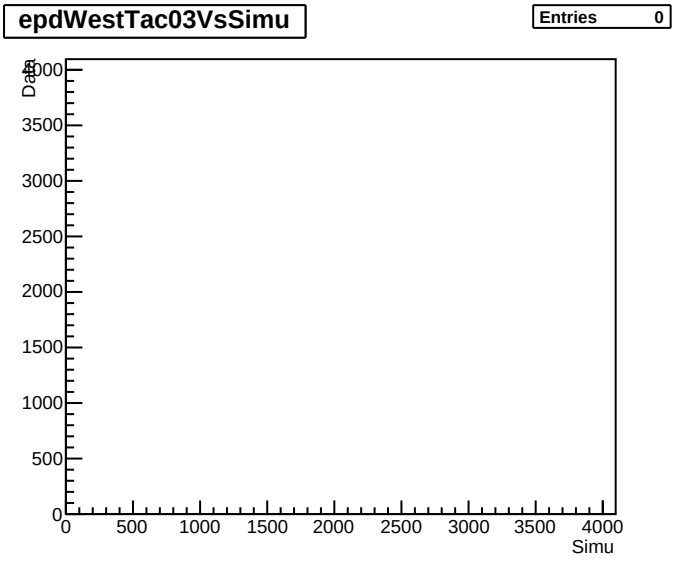

epdEastTac47
Entries 454541
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

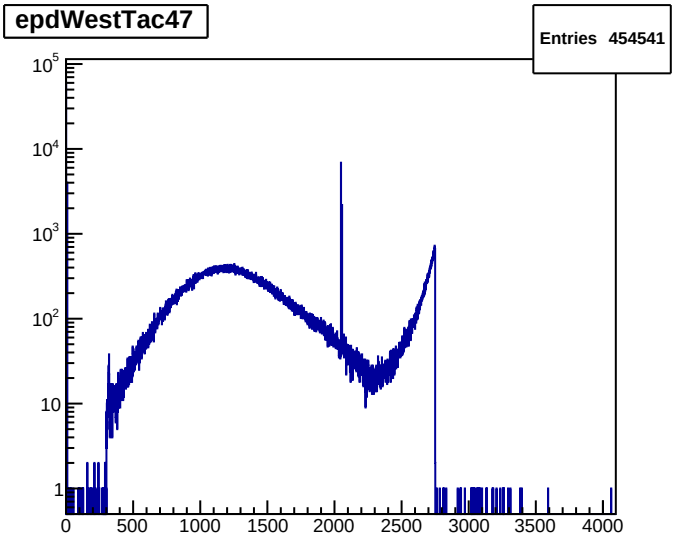

epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

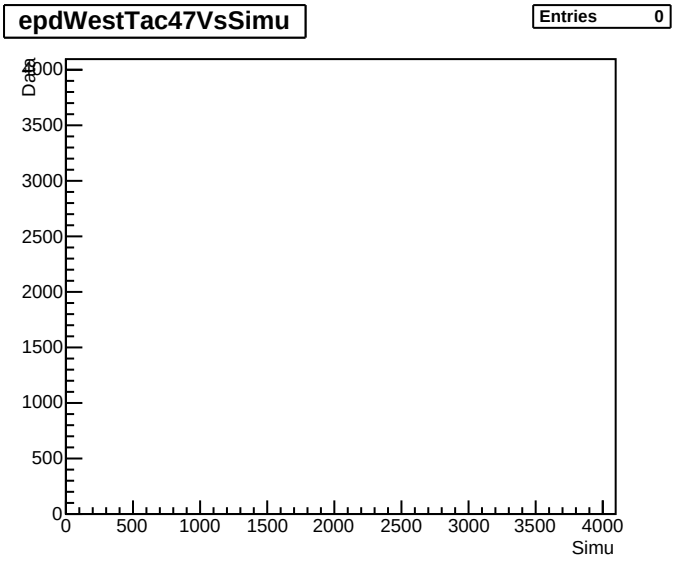

epdEastNHits
Entries 454541
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

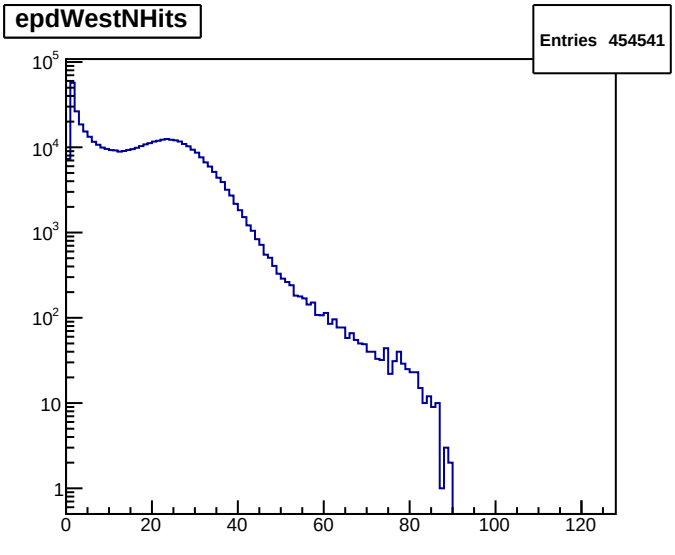

epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

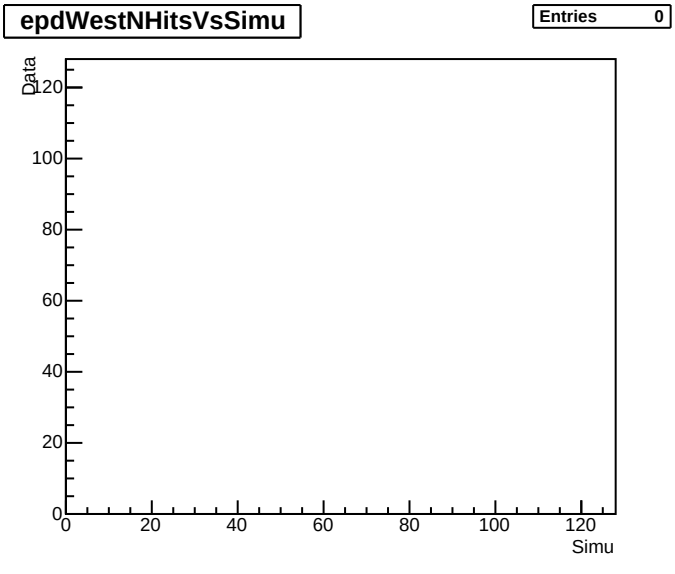

epdWestTac03
Entries 454541

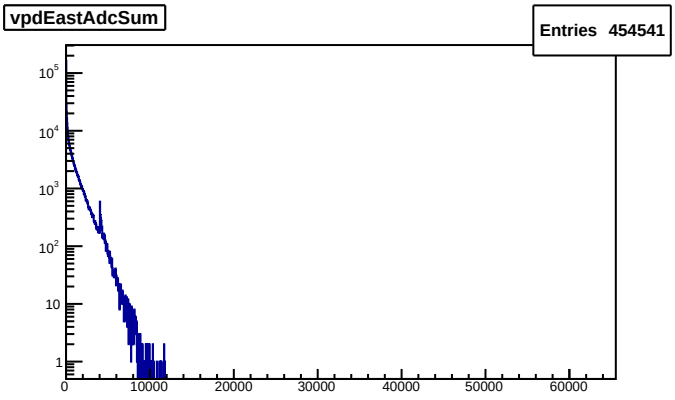

epdWestTac03VsSimu
Entries 0
Data
Simu

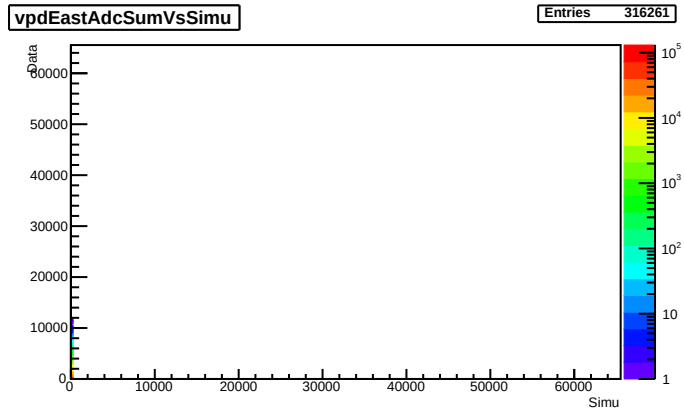

epdWestTac47
Entries 454541

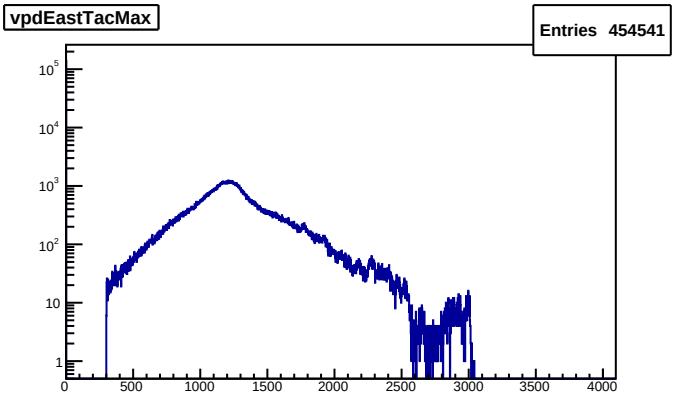

epdWestTac47VsSimu
Entries 0
Data
Simu

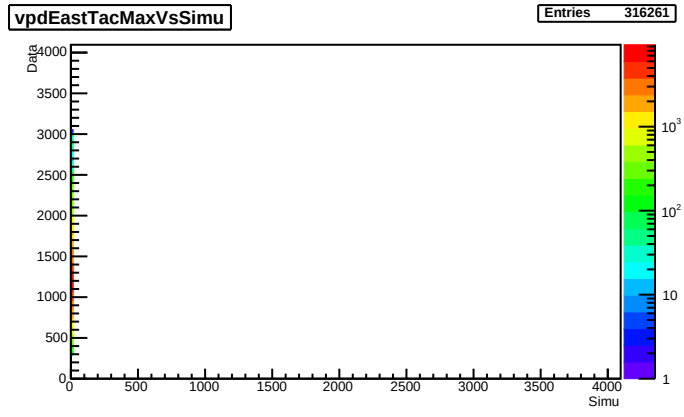

epdWestNHits
Entries 454541

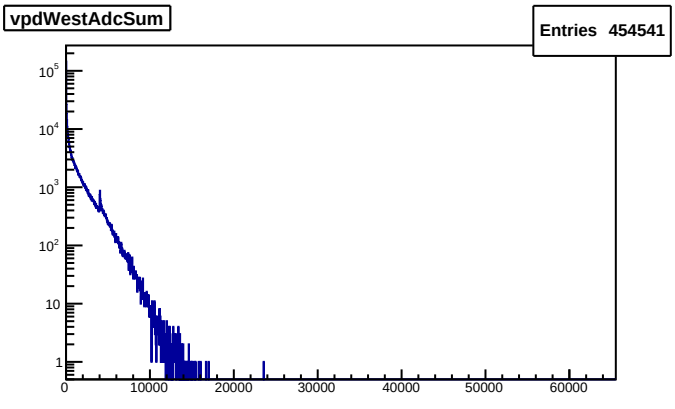

epdWestNHitsVsSimu
Entries 0
Data
Simu

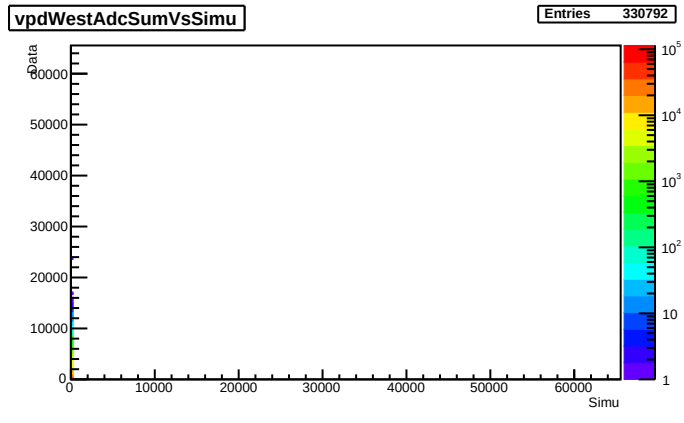

vpdEastAdcSum
Entries 454541

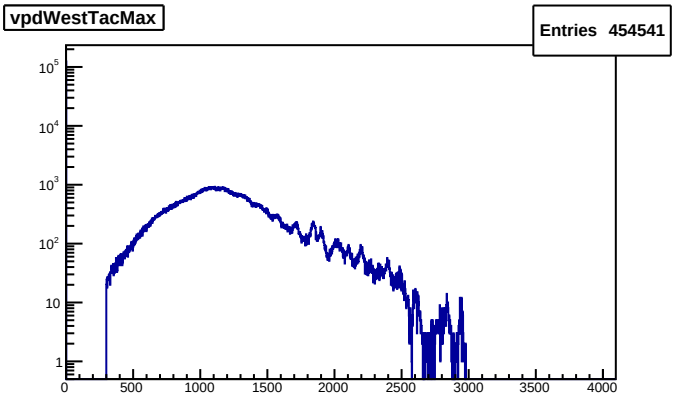

vpdEastAdcSumVsSimu
Entries 316261
Data
Simu

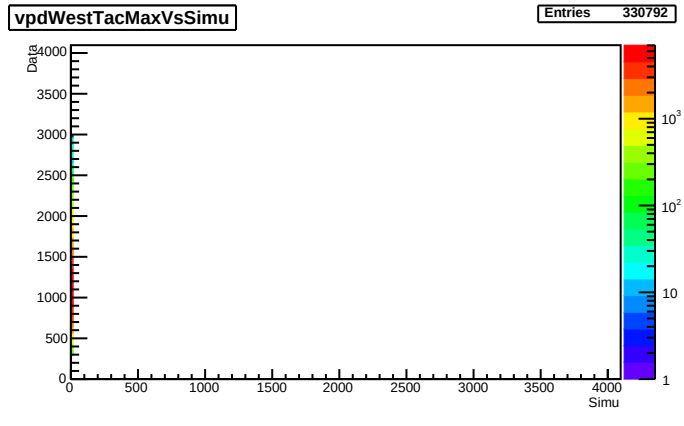

vpdEastTacMax
Entries 454541

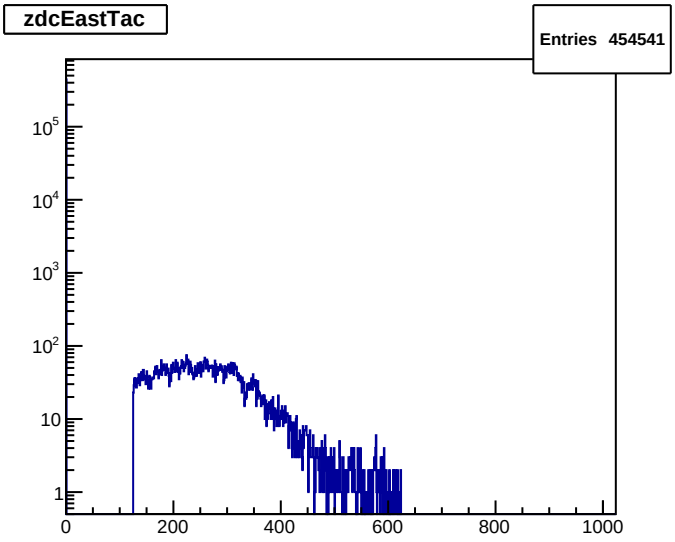

vpdEastTacMaxVsSimu
Entries 316261
Data
Simu

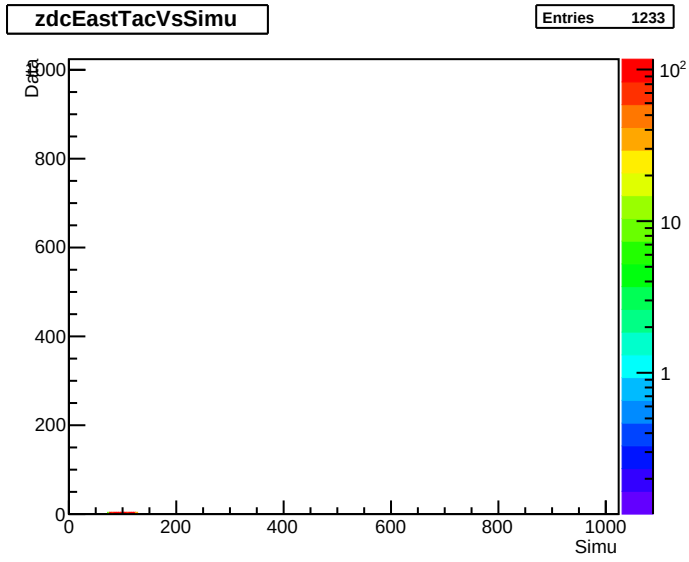

vpdWestAdcSum
Entries 454541

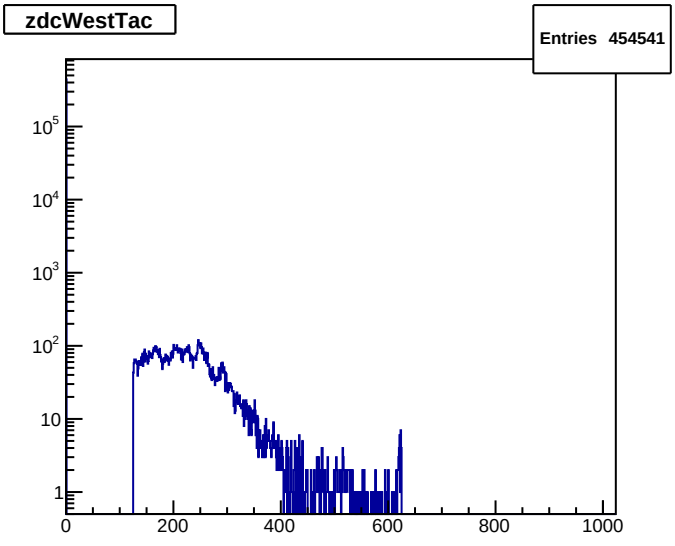

vpdWestAdcSumVsSimu
Entries 330792
Data
Simu

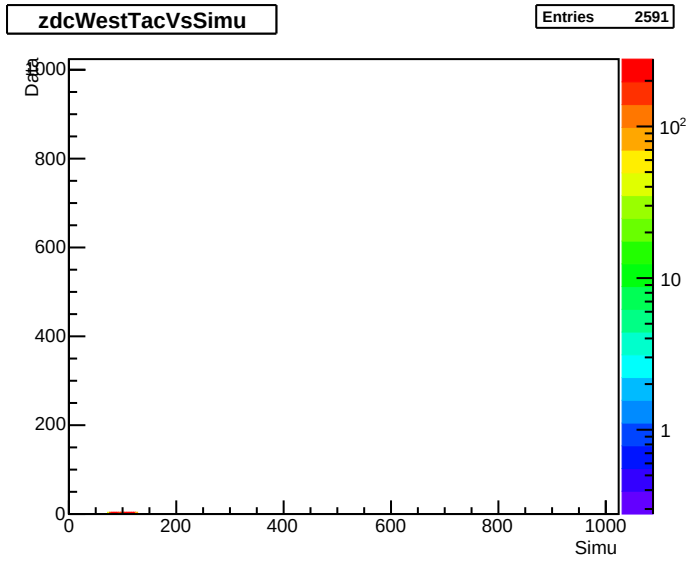

vpdWestTacMax
Entries 454541

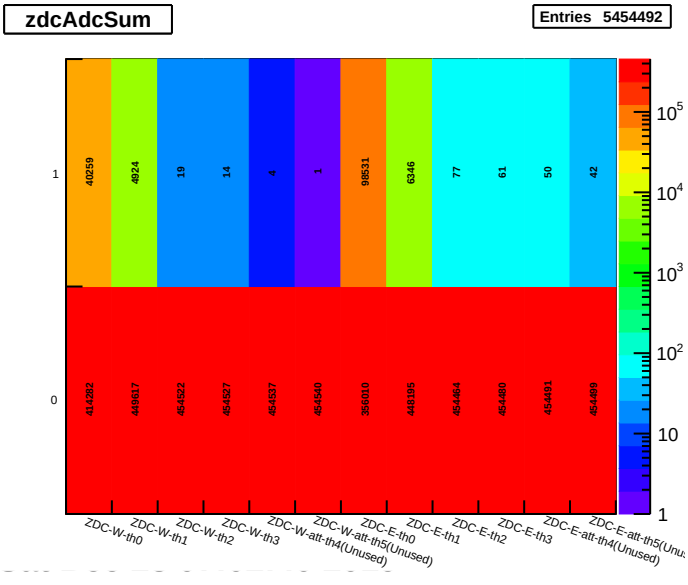

vpdWestTacMaxVsSimu
Entries 330792
Data
Simu

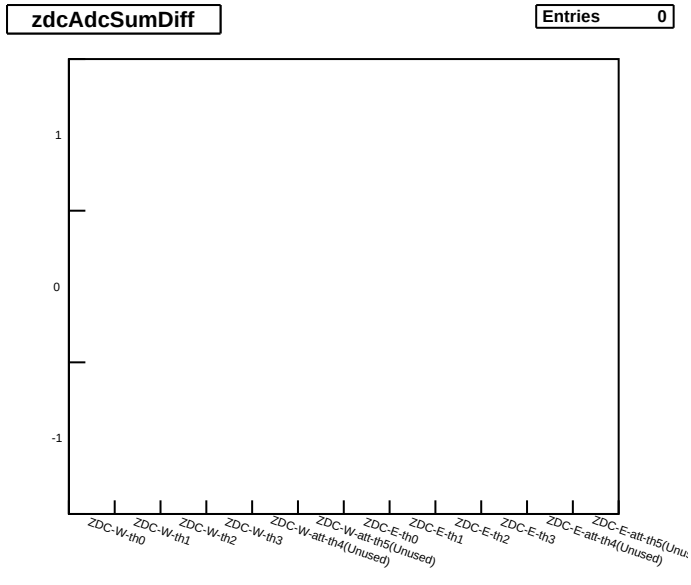

zdcEastTac
Entries 454541

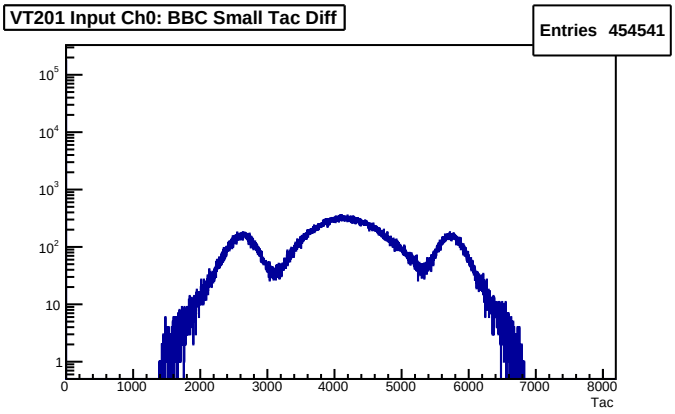

zdcEastTacVsSimu
Entries 1233
Data
Simu

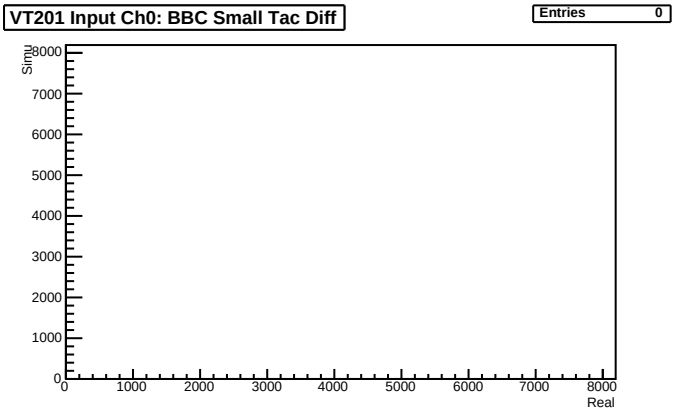

zdcWestTac
Entries 454541

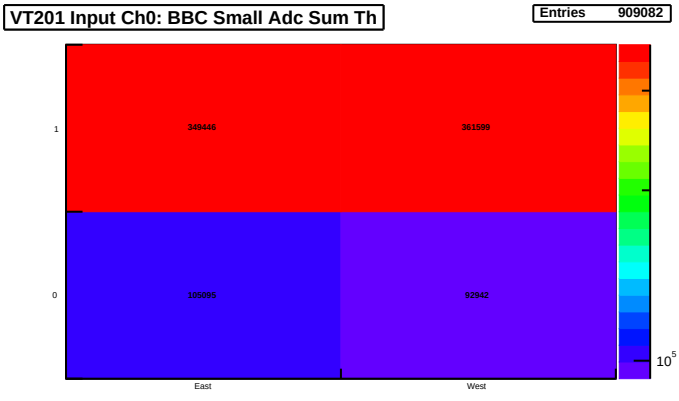

zdcWestTacVsSimu
Entries 2591
Data
Simu

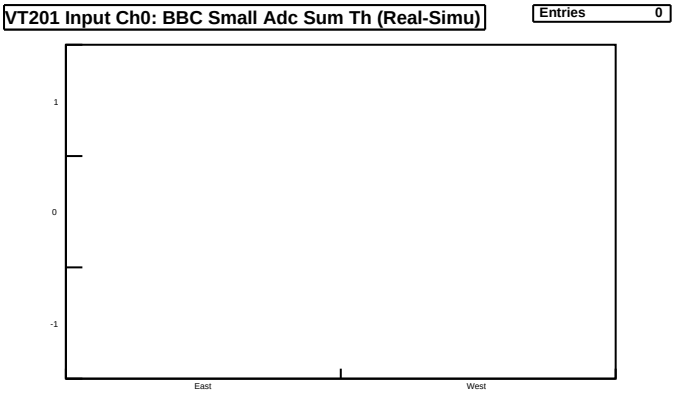

zdcAdcSum
Entries 5454492
40259
4924
19
14
4
1
98531
6346
77
61
50
42
414282
449617
454522
454527
454537
454540
356010
448195
454464
454480
454491
454499
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

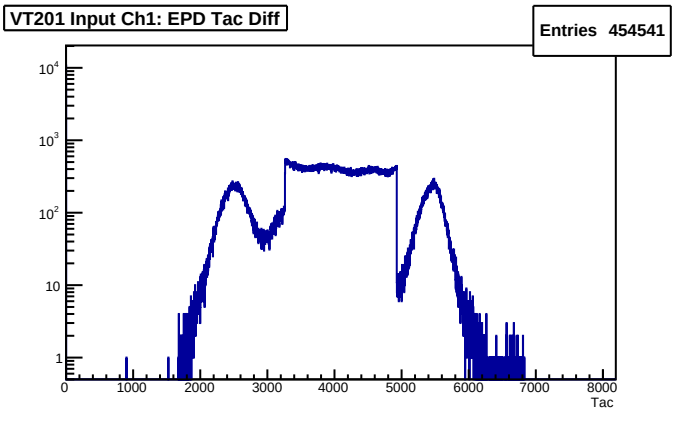

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

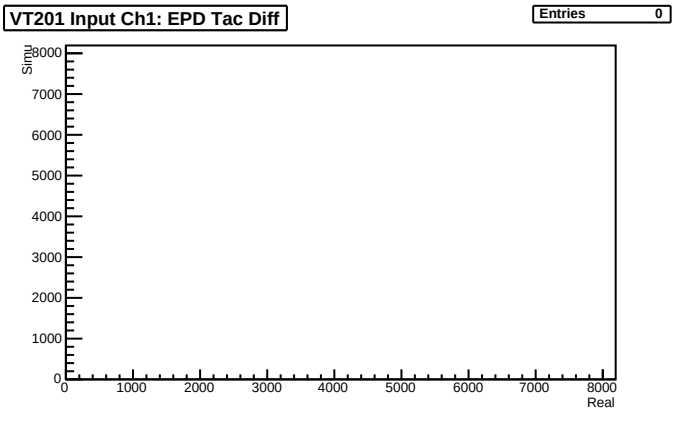

VT201 Input Ch0: BBC Small Tac Diff
Entries 454541
Tac

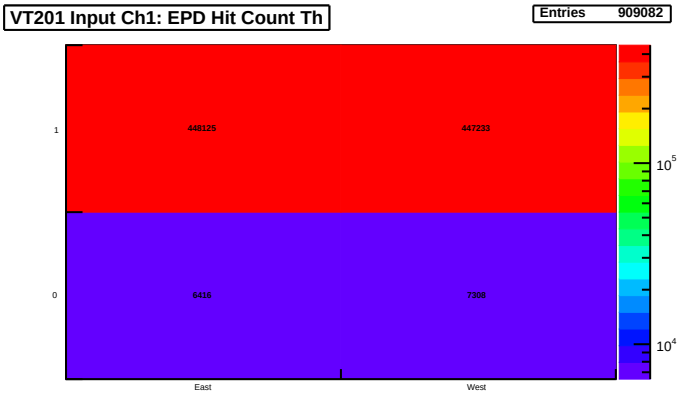

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

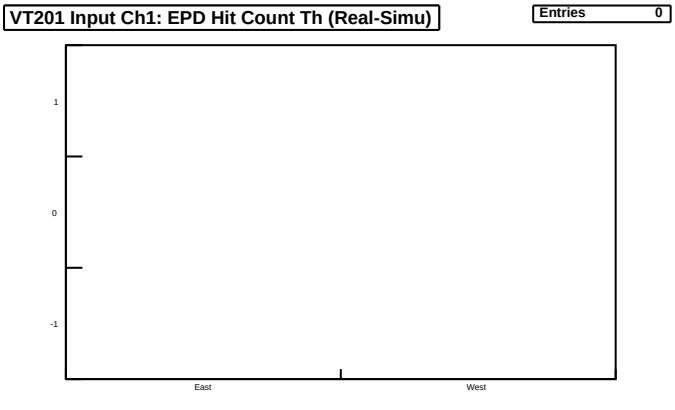

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 909082
349446
361599
105095
92942
East
West

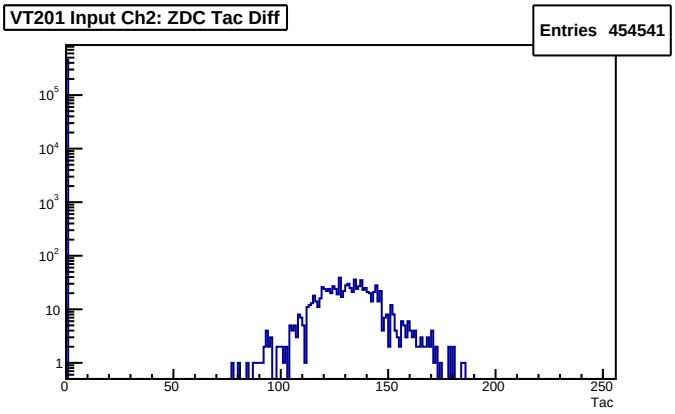

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

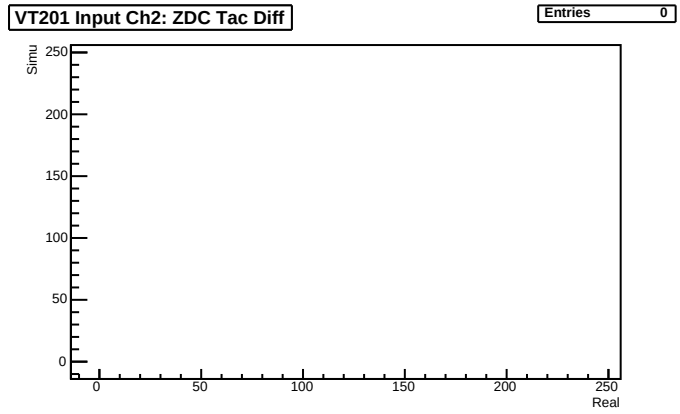

VT201 Input Ch1: EPD Tac Diff
Entries 454541
Tac

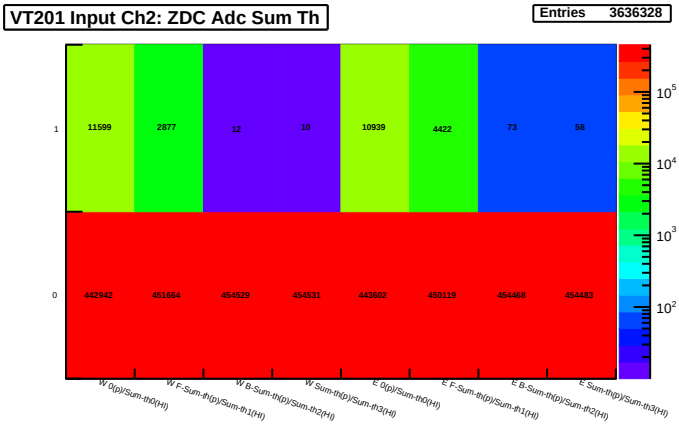

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

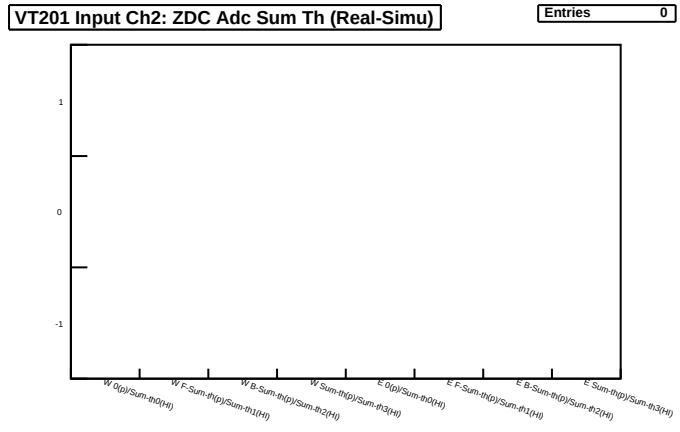

VT201 Input Ch1: EPD Hit Count Th
Entries 909082
448125
447233
6416
7308
East
West

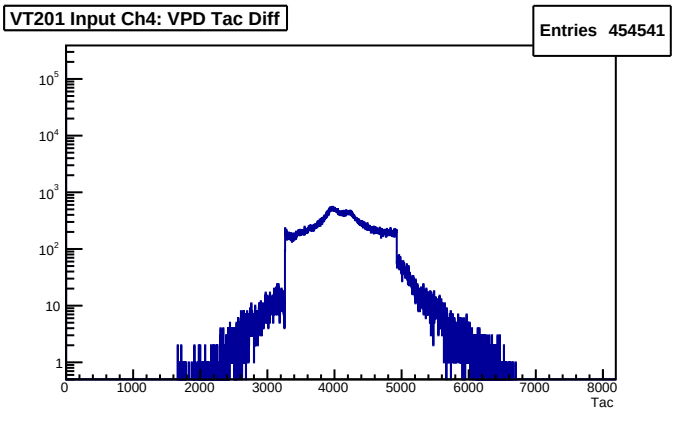

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

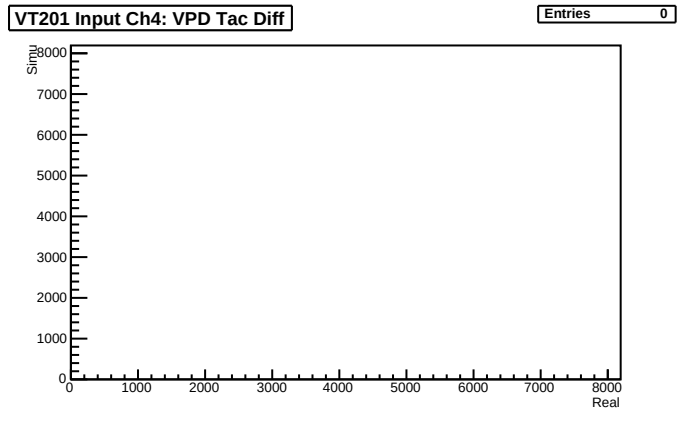

VT201 Input Ch2: ZDC Tac Diff
Entries 454541
Tac

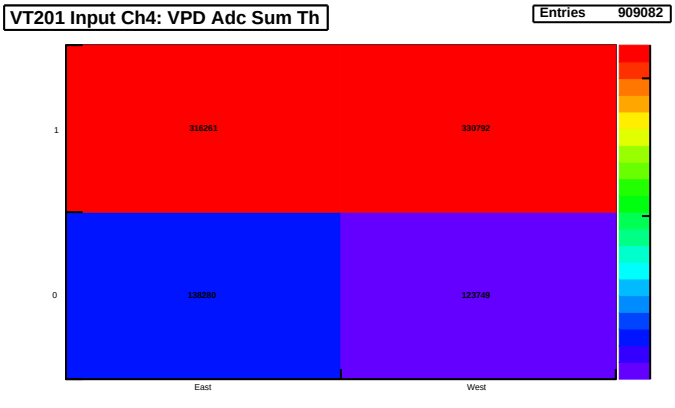

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

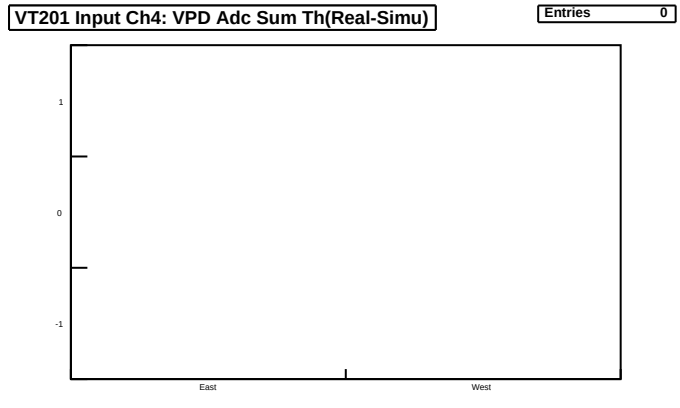

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3636328
11599
2877
12
10
10939
4422
73
58
442942
451664
454529
454531
443602
450119
454468
454483
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

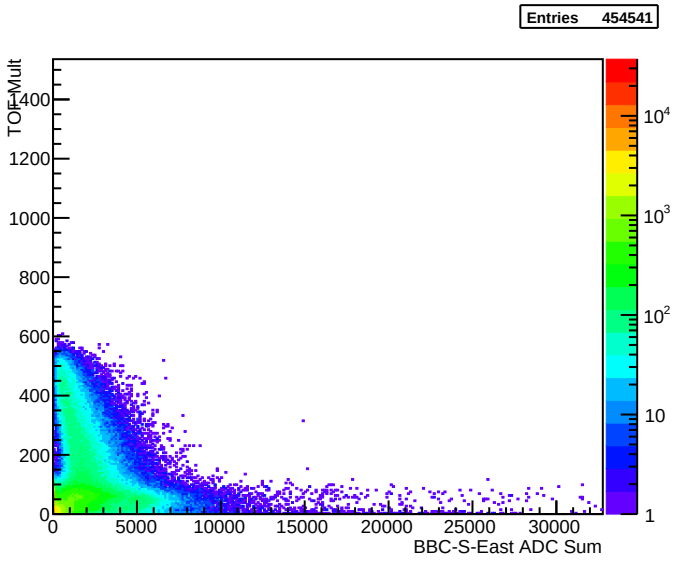

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

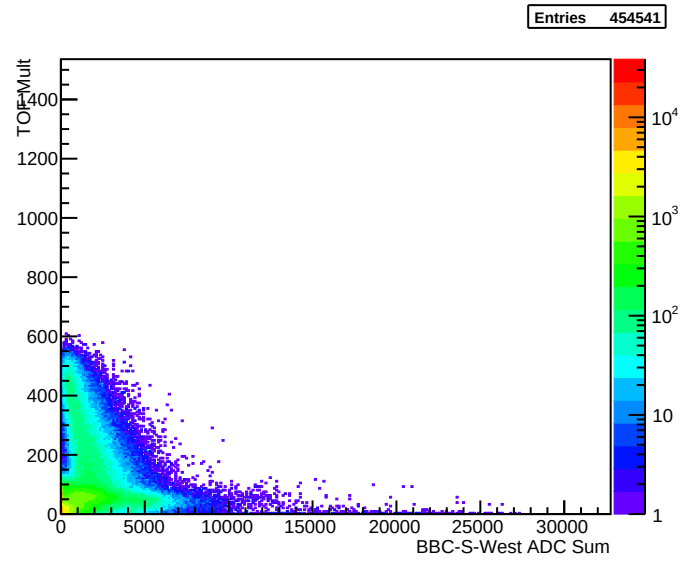

VT201 Input Ch4: VPD Tac Diff
Entries 454541
Tac

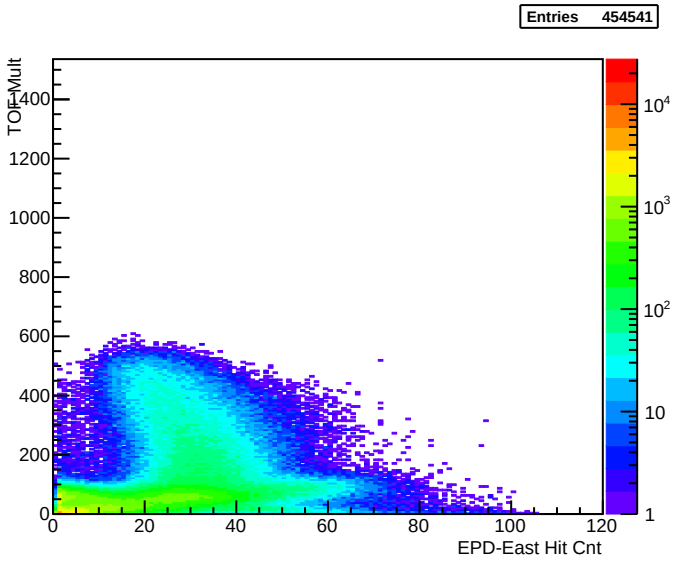

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

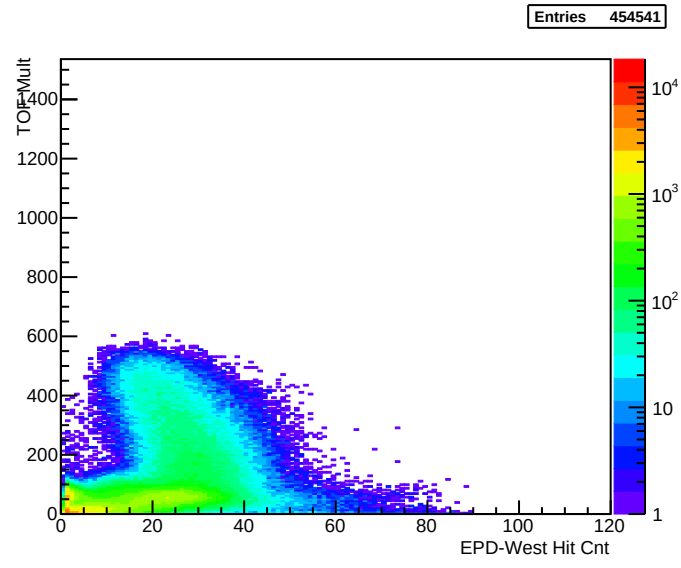

VT201 Input Ch4: VPD Adc Sum Th
Entries 909082
316261
330792
138280
123749
East
West

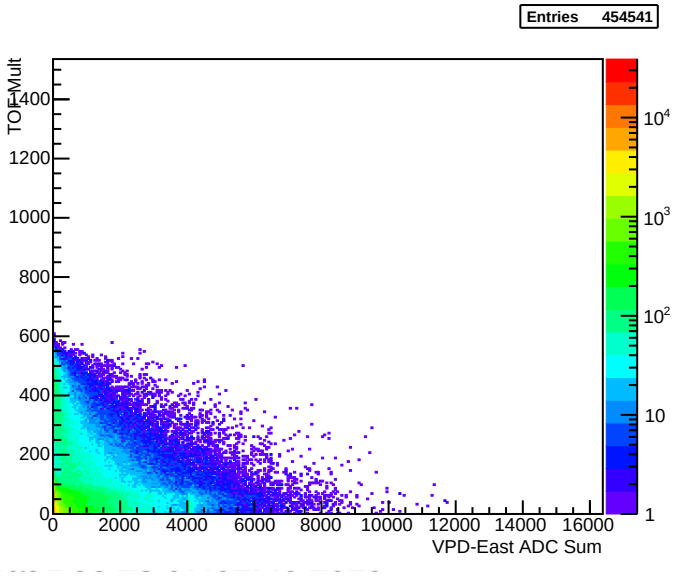

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

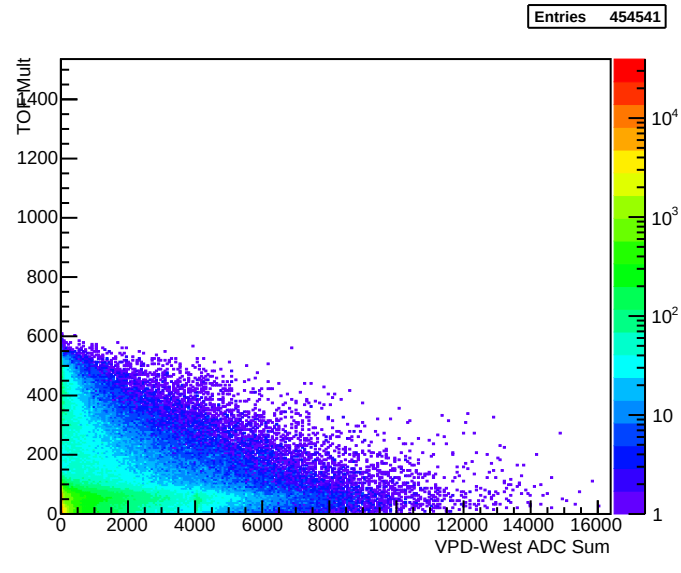

Entries 454541
TOF-Mult
BBC-S-East ADC Sum

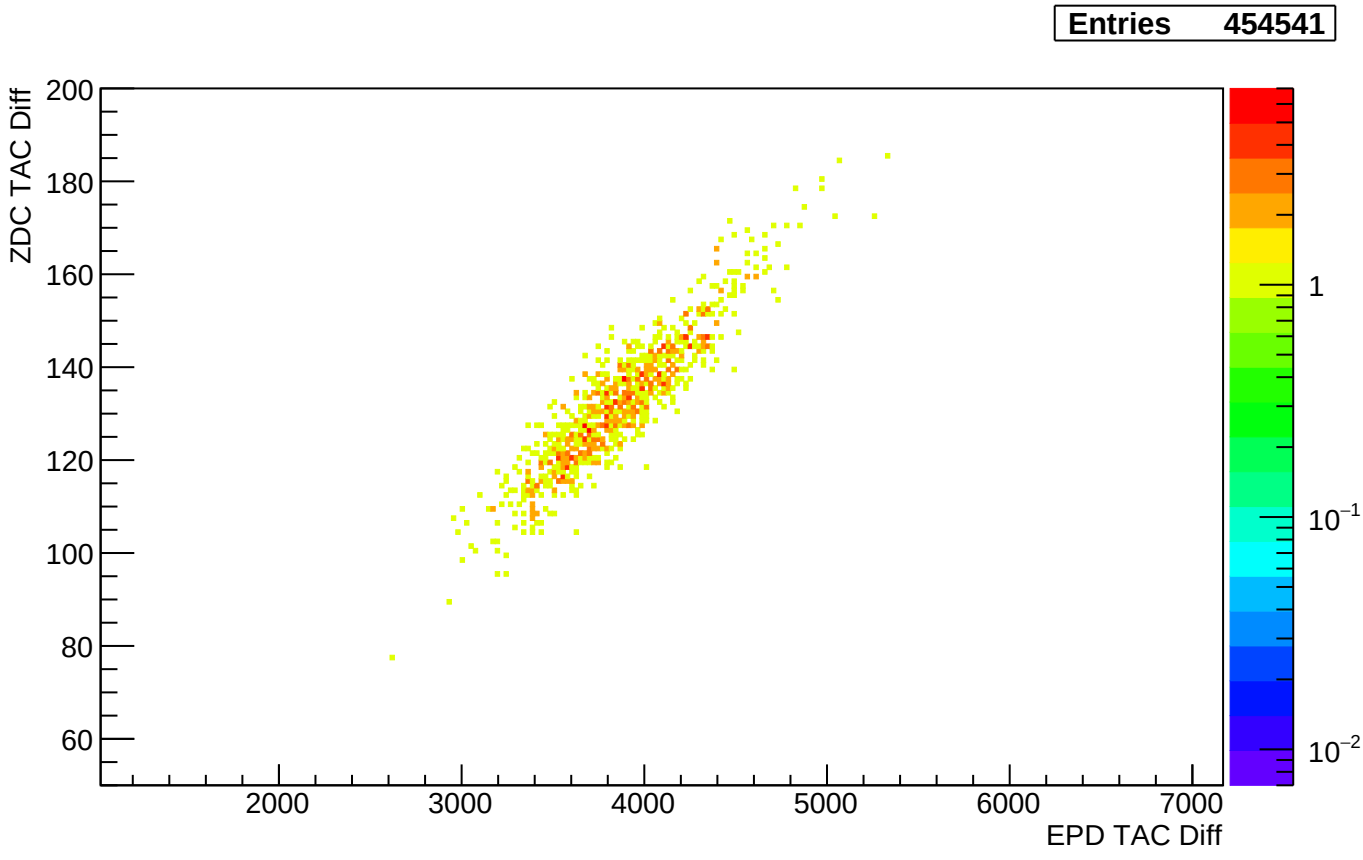

Entries 454541
TOF-Mult
BBC-S-West ADC Sum

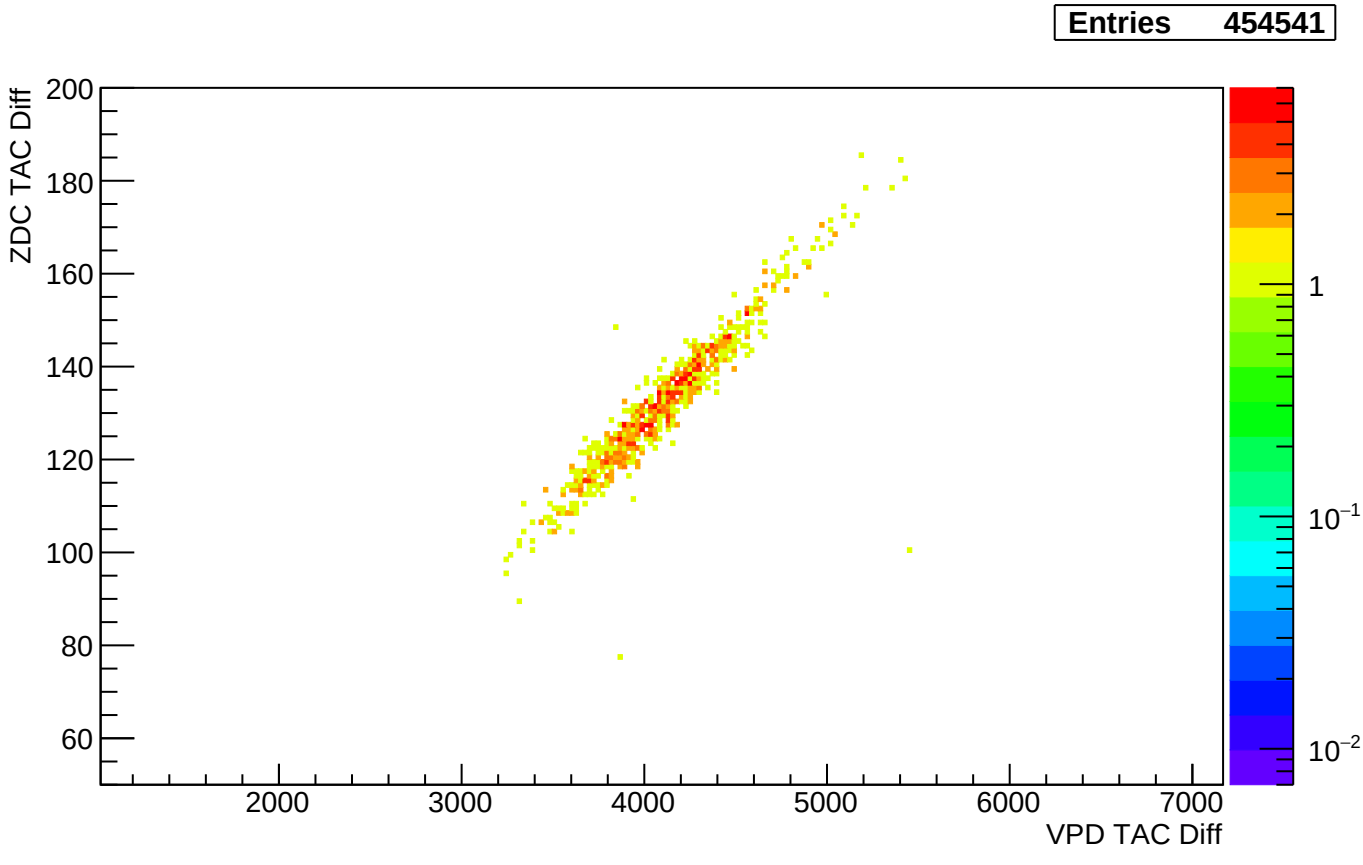

Entries 454541
TOF-Mult
EPD-East Hit Cnt

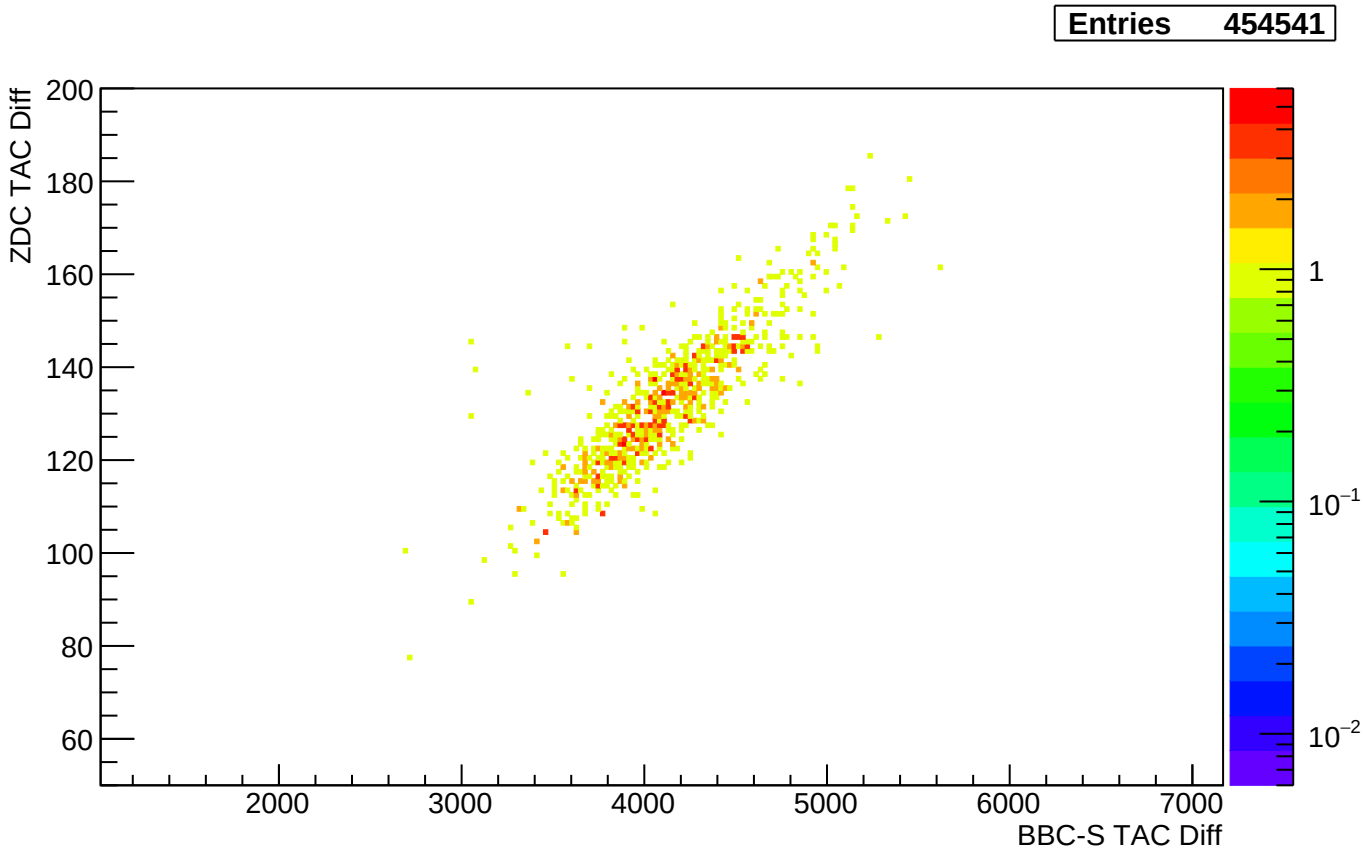

Entries 454541
TOF-Mult
EPD-West Hit Cnt

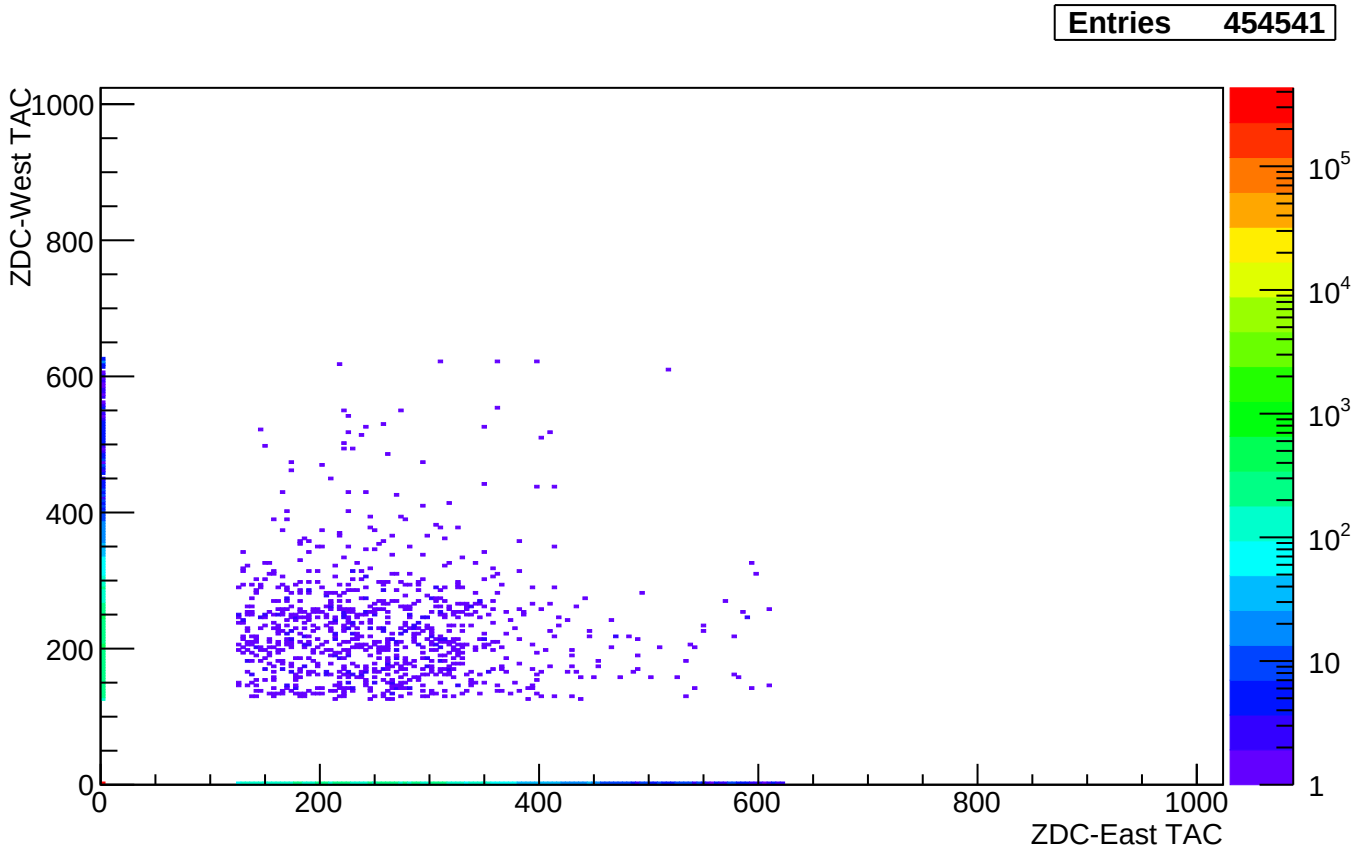

Entries 454541
TOF-Mult
VPD-East ADC Sum

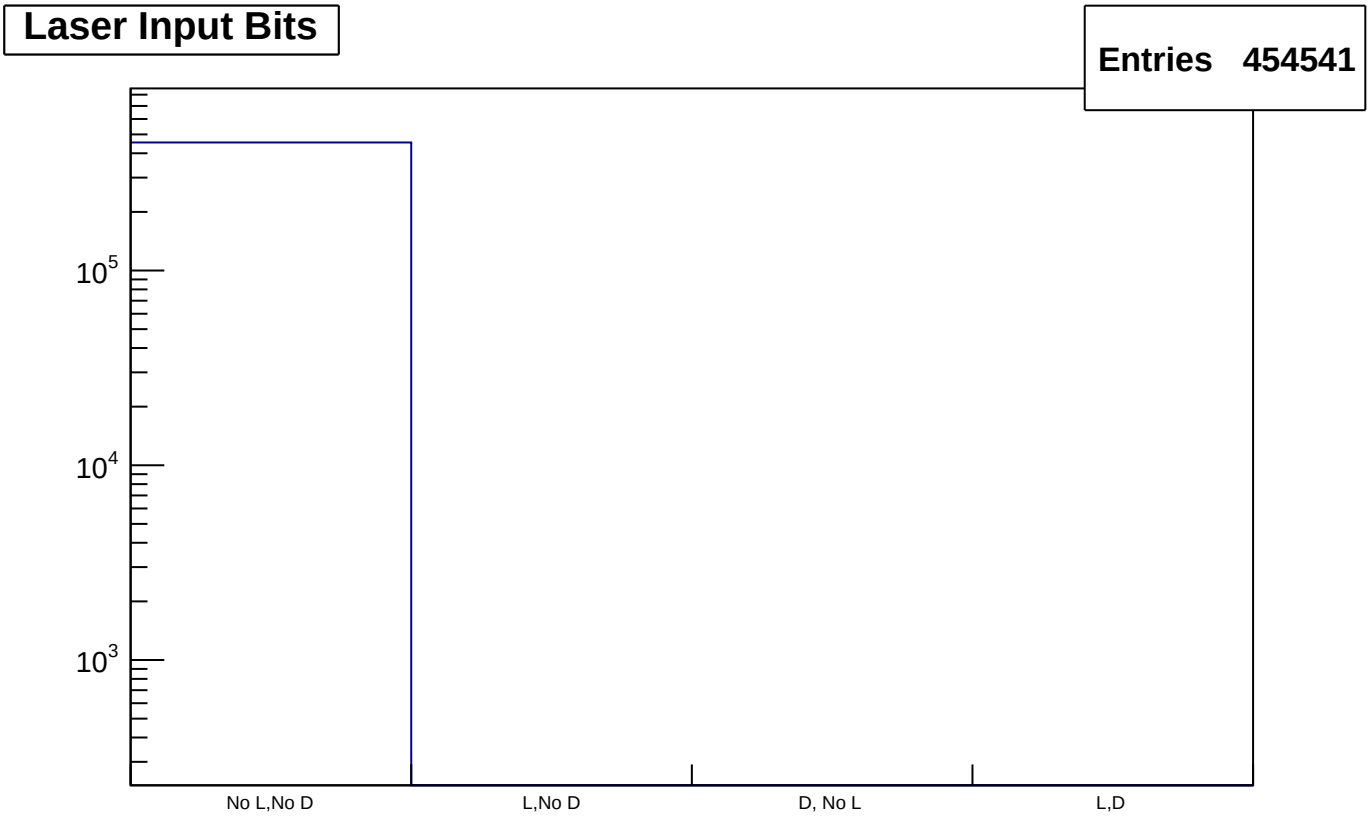

Entries 454541
TOF-Mult
VPD-West ADC Sum

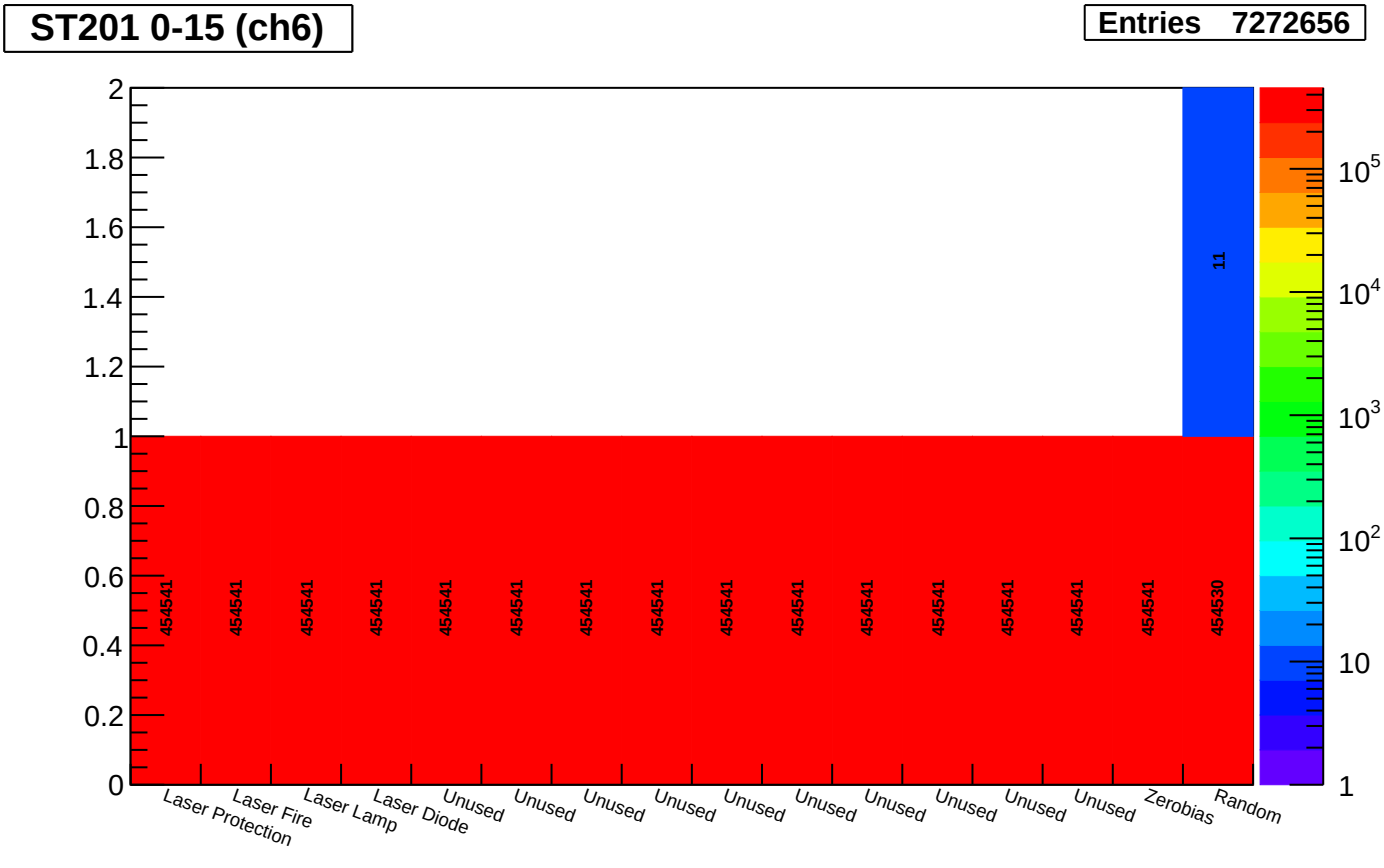

Entries 454541
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

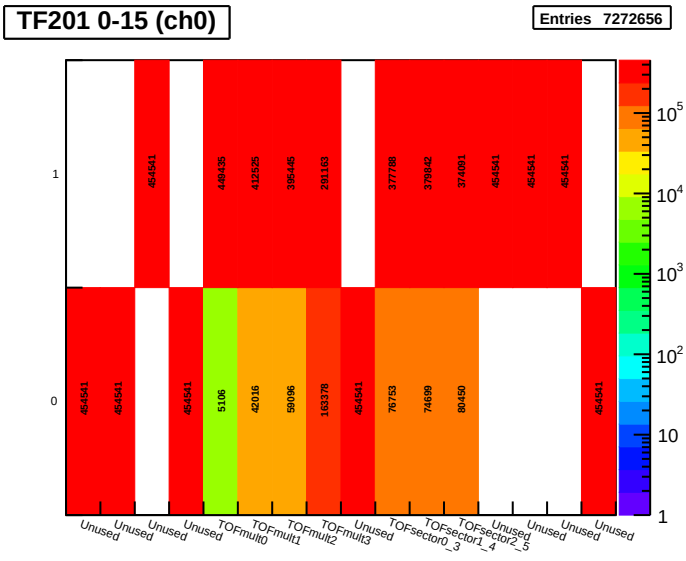

Entries 454541
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

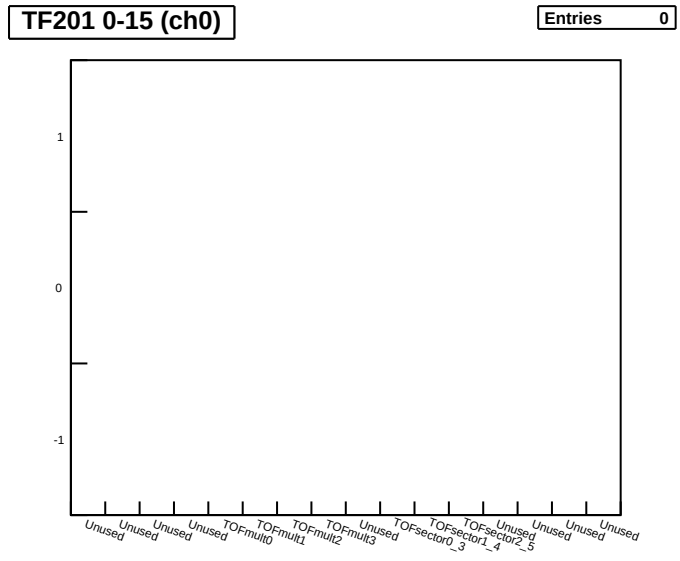

Entries 454541
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

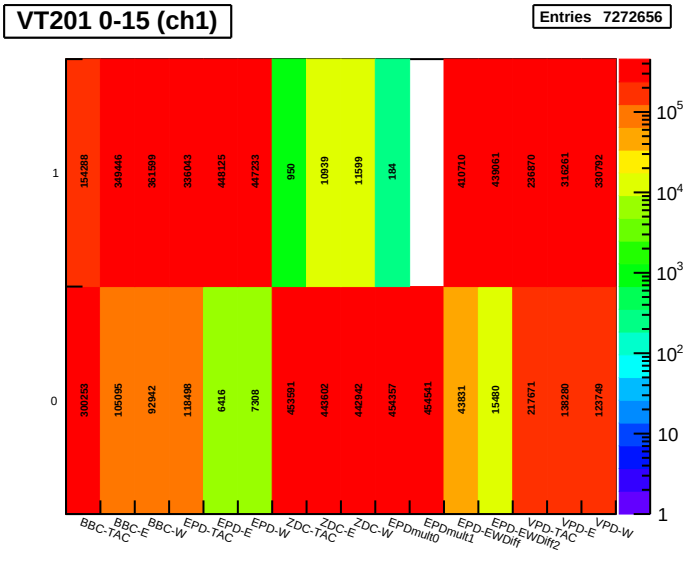

Entries 454541
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

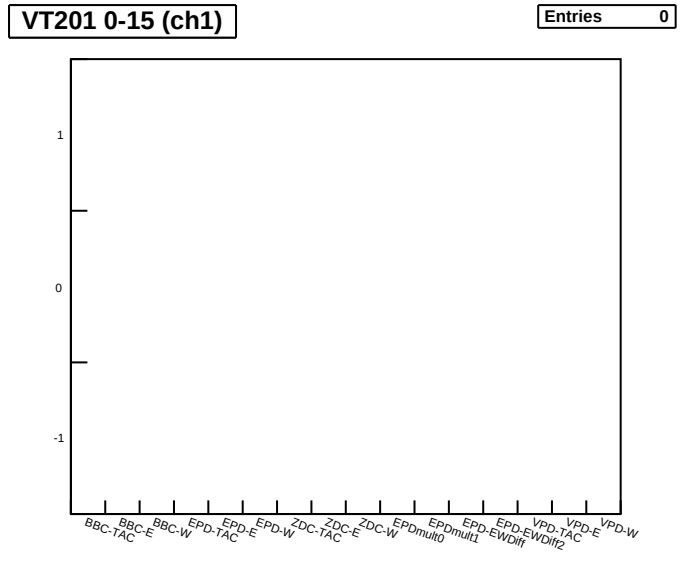

Laser Input Bits
Entries 454541
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

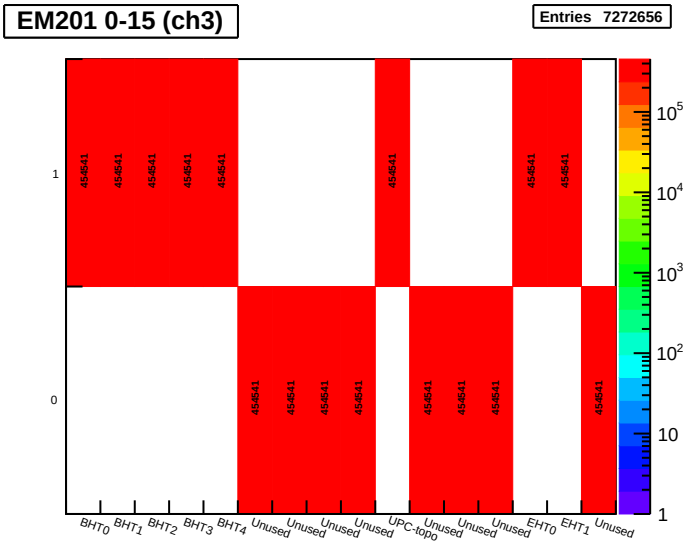

ST201 0-15 (ch6)
Entries 7272656
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454530
11
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

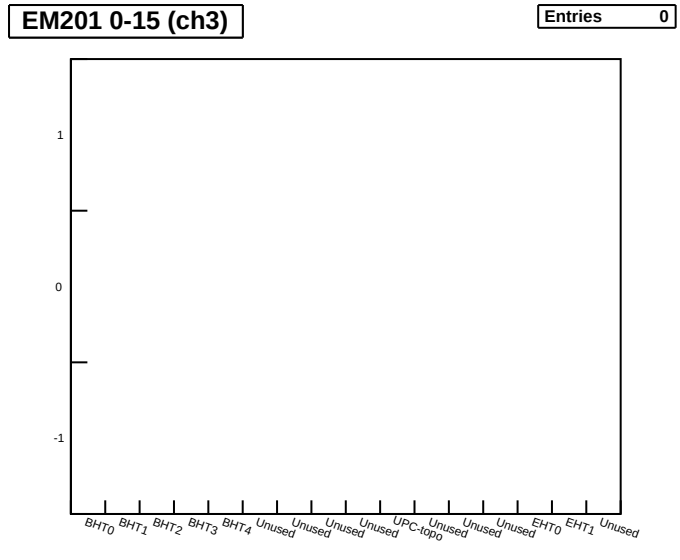

TF201 0-15 (ch0)
Entries 7272656
1
0
454541
449435
432525
395445
291163
377788
379942
374091
454541
454541
454541
454541
454541
5106
42016
59096
163378
454541
76753
74699
80450
454541
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7272656
1
0
154288
349446
361599
336043
448125
447233
950
10939
11599
184
410710
439061
236870
316261
330782
300253
105095
92942
118498
6416
7308
453591
443602
442942
454357
454541
43831
15480
217671
138280
123749
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 7272656
1
0
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
454541
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1