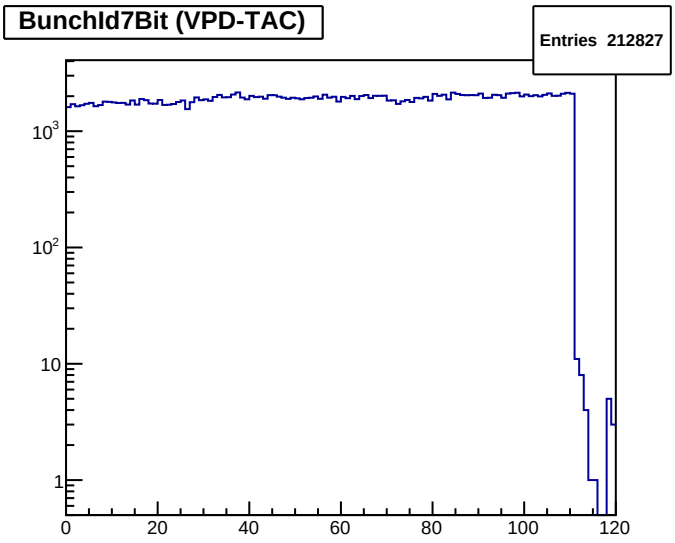
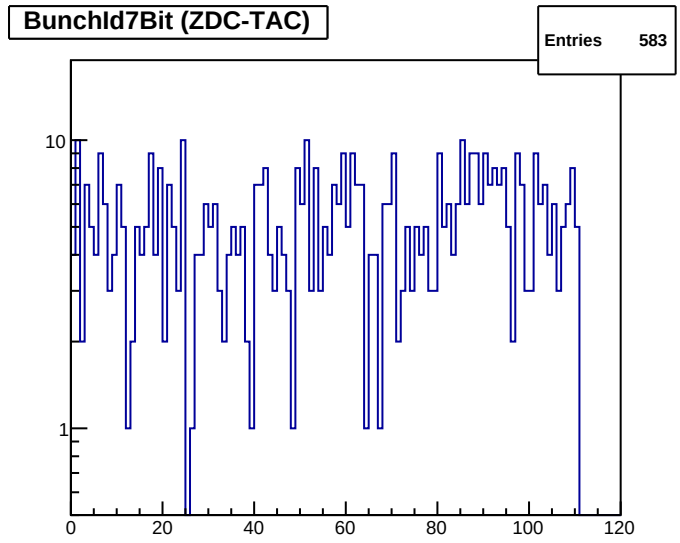
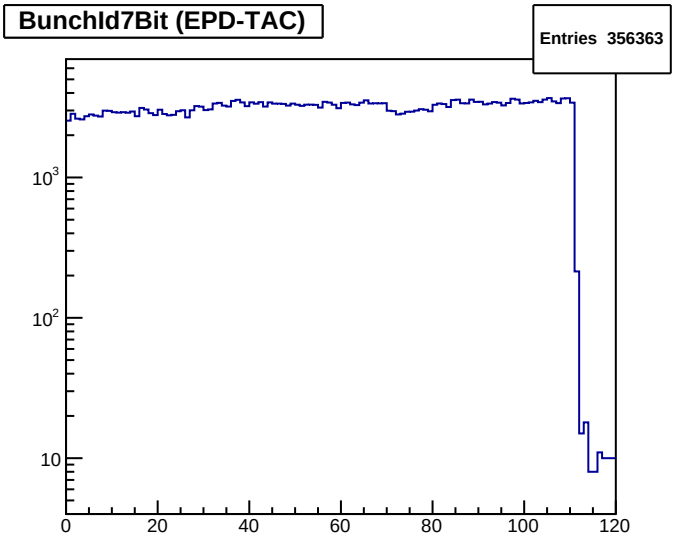
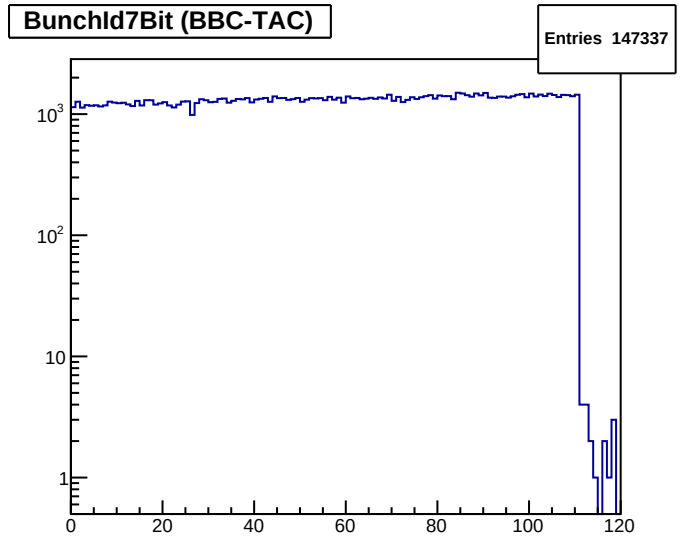
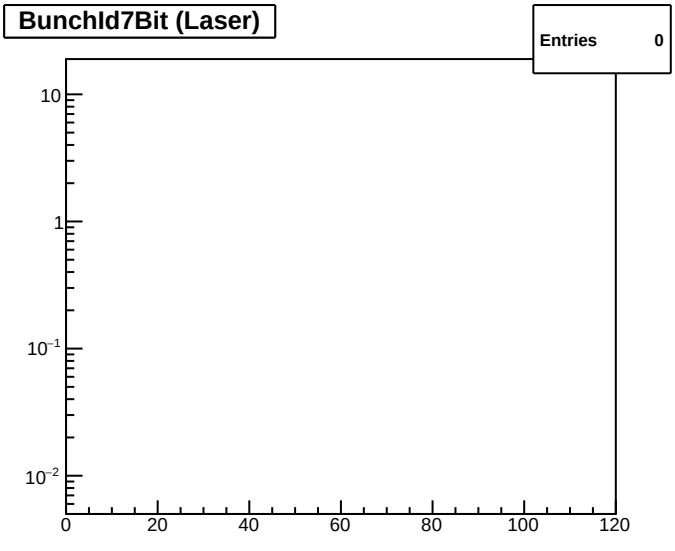
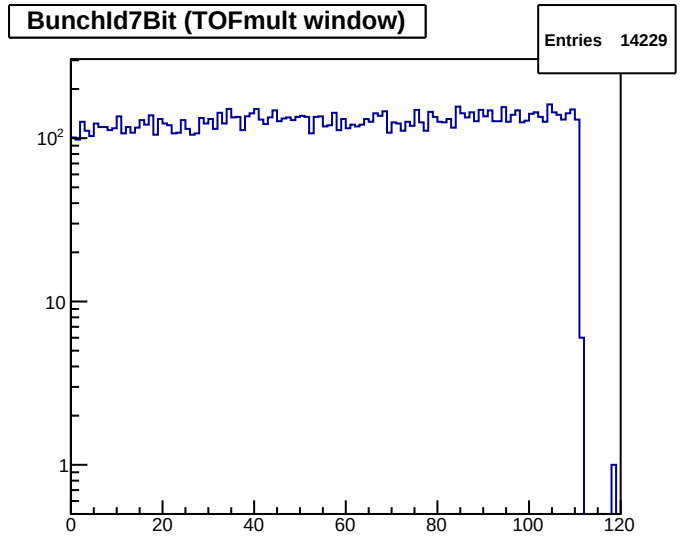

BunchId7Bit (VPD-TAC)
Entries 212827

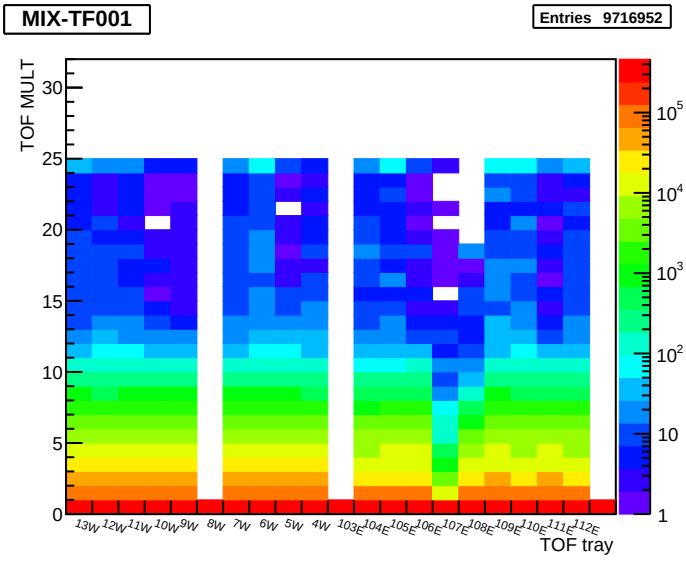

BunchId7Bit (ZDC-TAC)
Entries 583

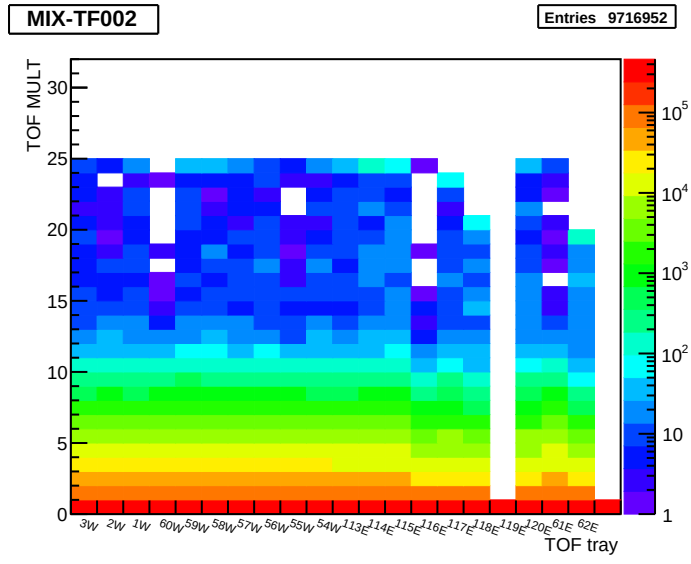

BunchId7Bit (EPD-TAC)
Entries 356363

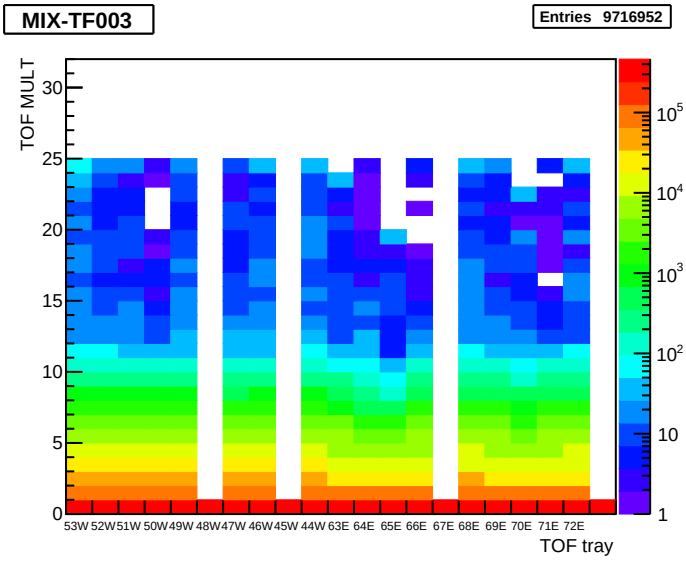

BunchId7Bit (BBC-TAC)
Entries 147337

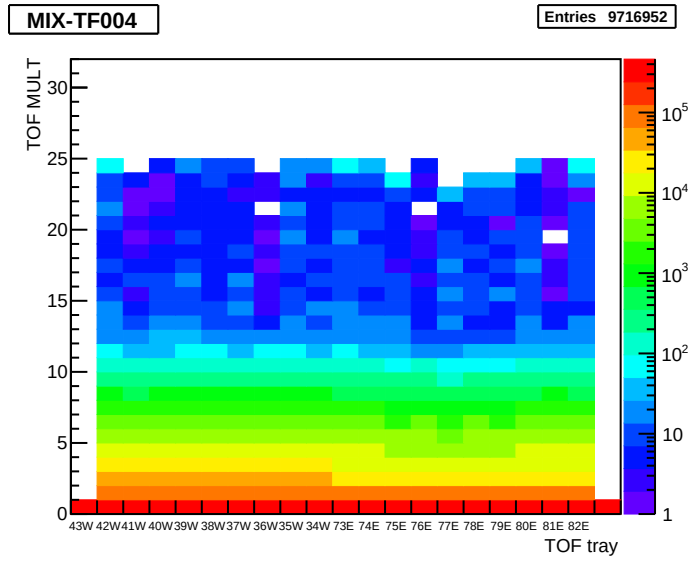

BunchId7Bit (Laser)
Entries 0

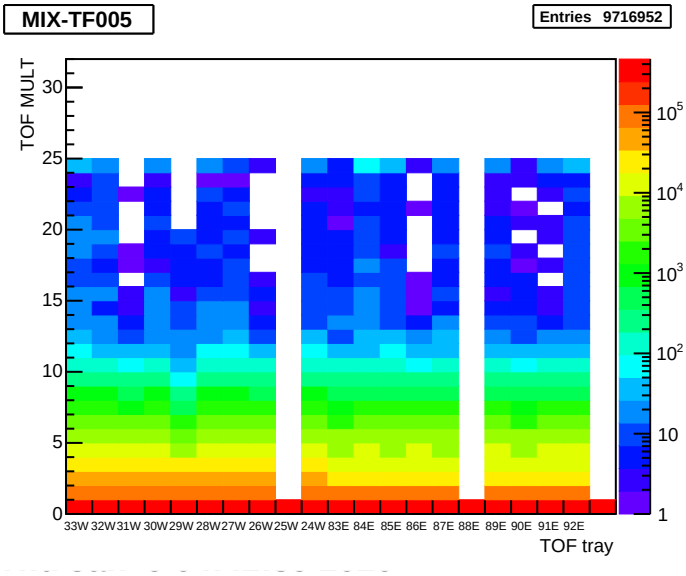

BunchId7Bit (TOFmult window)
Entries 14229

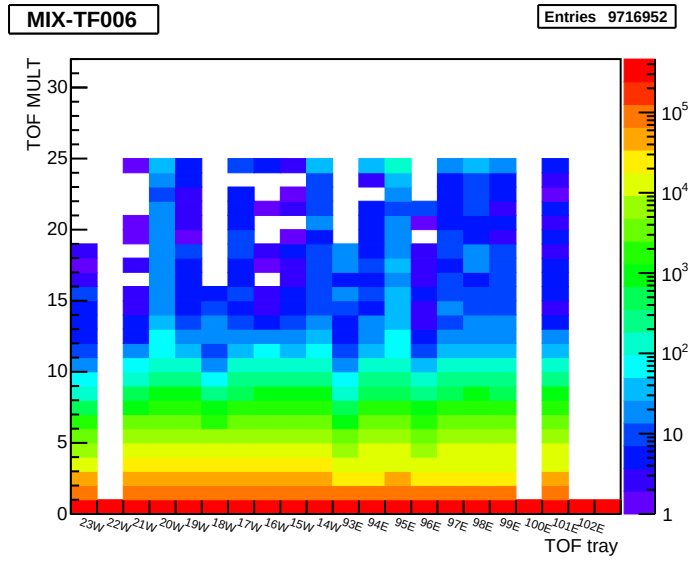

MIX-TF001
Entries 9716952
TOF MULT
TOF tray

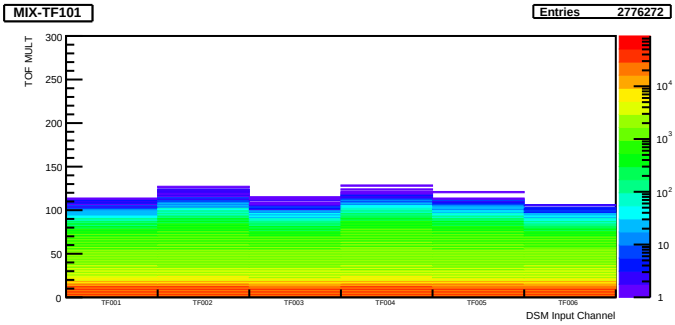

MIX-TF002
Entries 9716952
TOF MULT
TOF tray

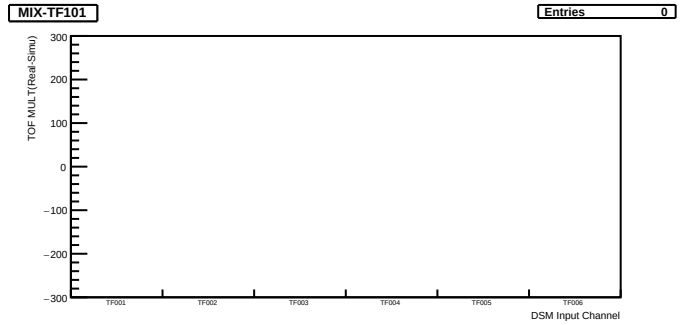

MIX-TF003
Entries 9716952
TOF MULT
TOF tray

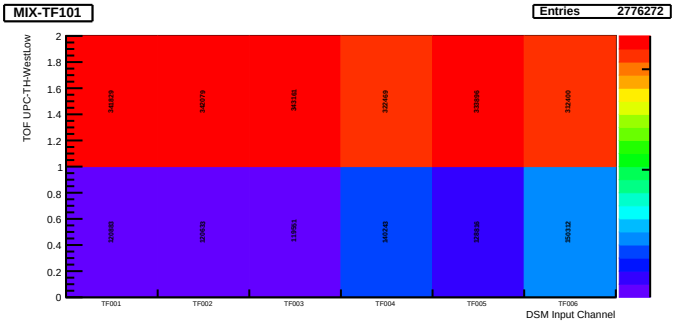

MIX-TF004
Entries 9716952
TOF MULT
TOF tray

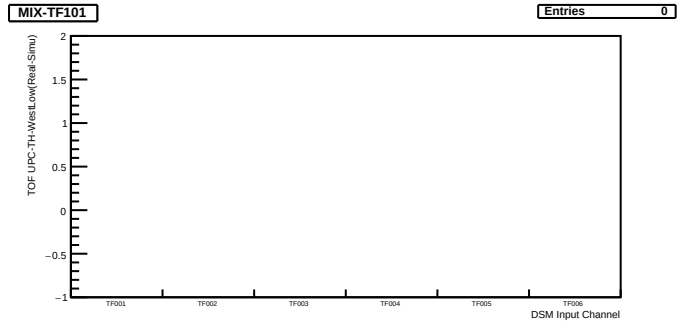

MIX-TF005
Entries 9716952
TOF MULT
TOF tray

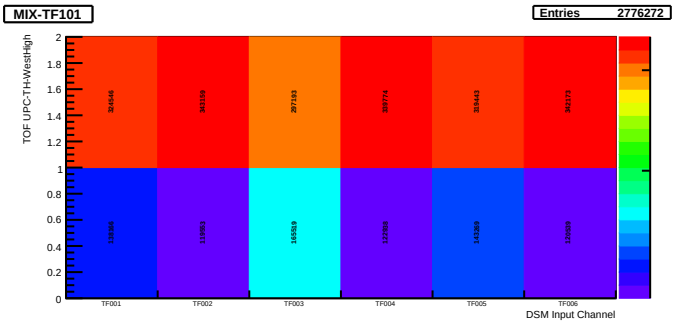

MIX-TF006
Entries 9716952
TOF MULT
TOF tray

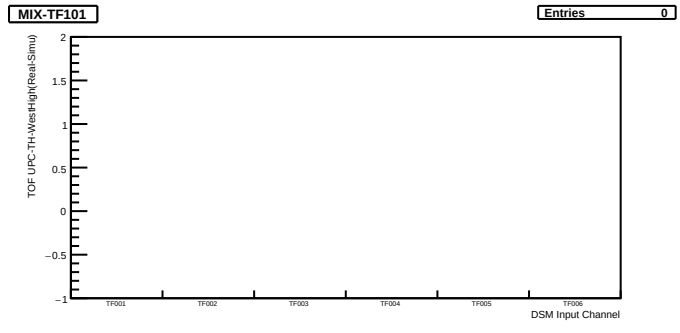

MIX-TF101
Entries 2776272
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

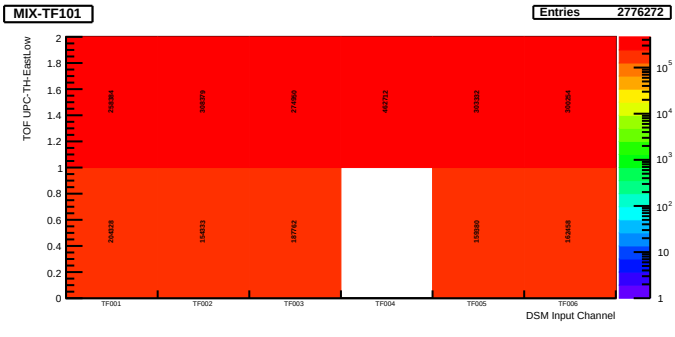

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

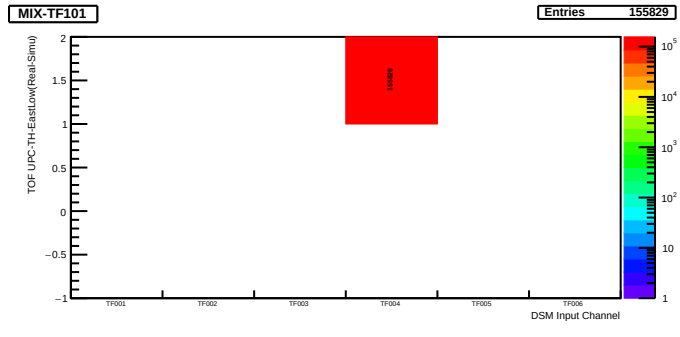

MIX-TF101
Entries 2776272
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

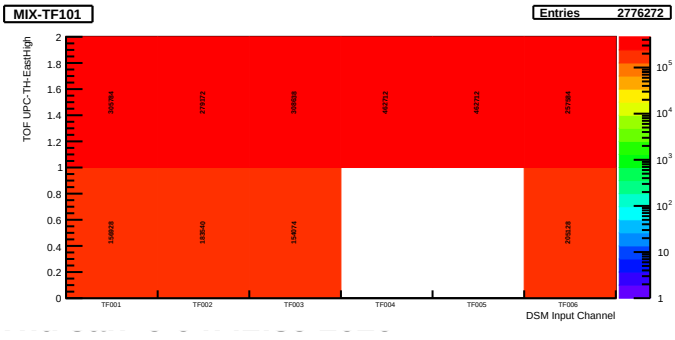

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

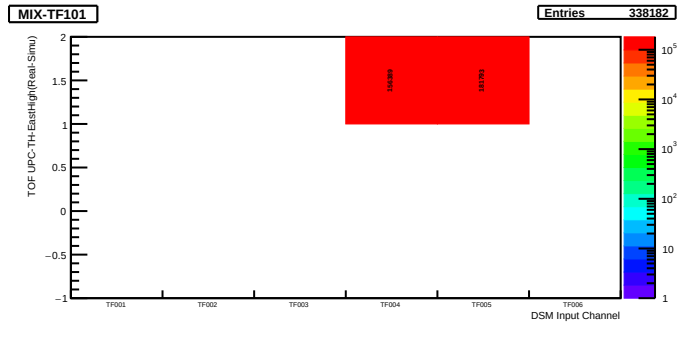

MIX-TF101
Entries 2776272
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

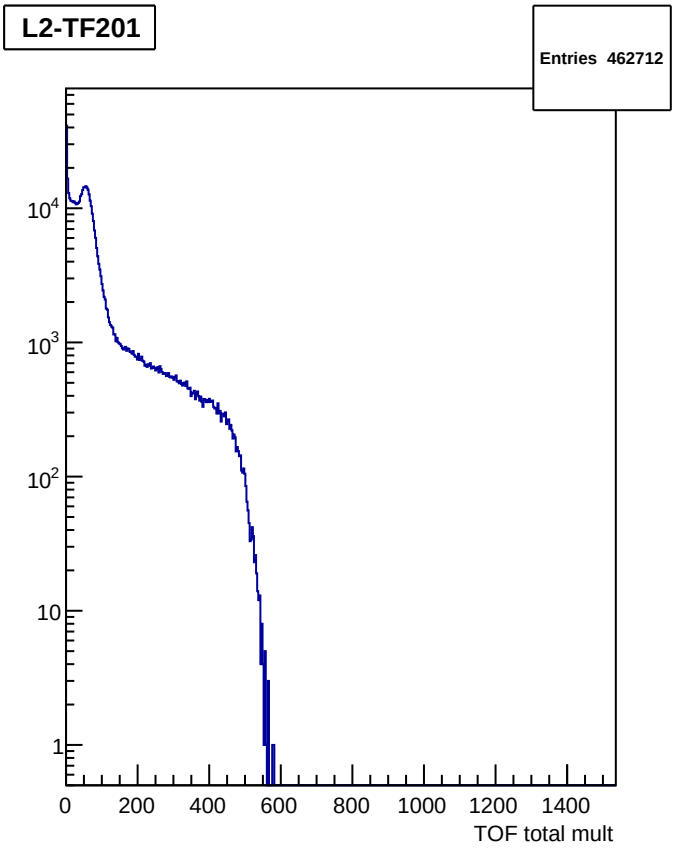

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

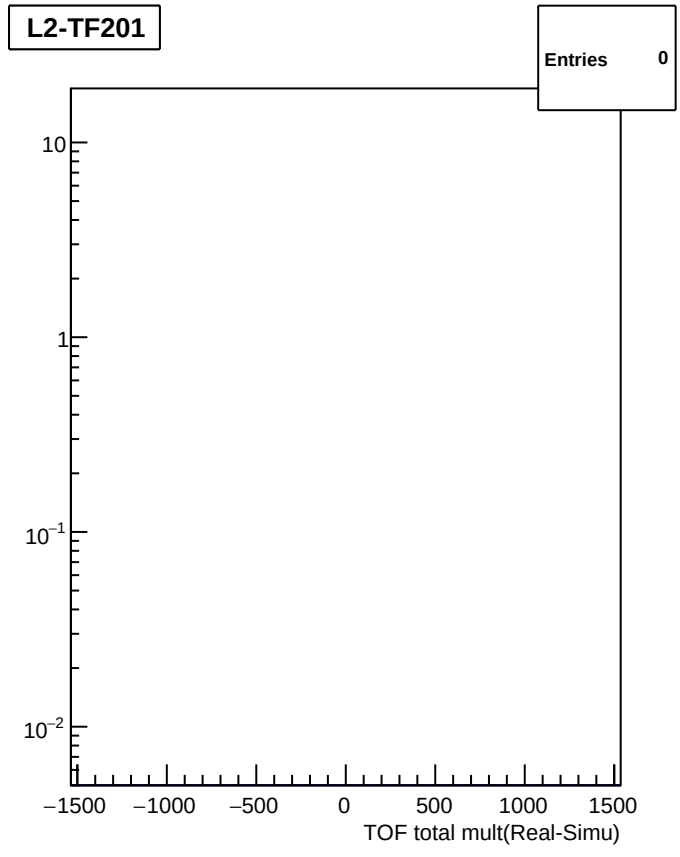

MIX-TF101
Entries 2776272
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

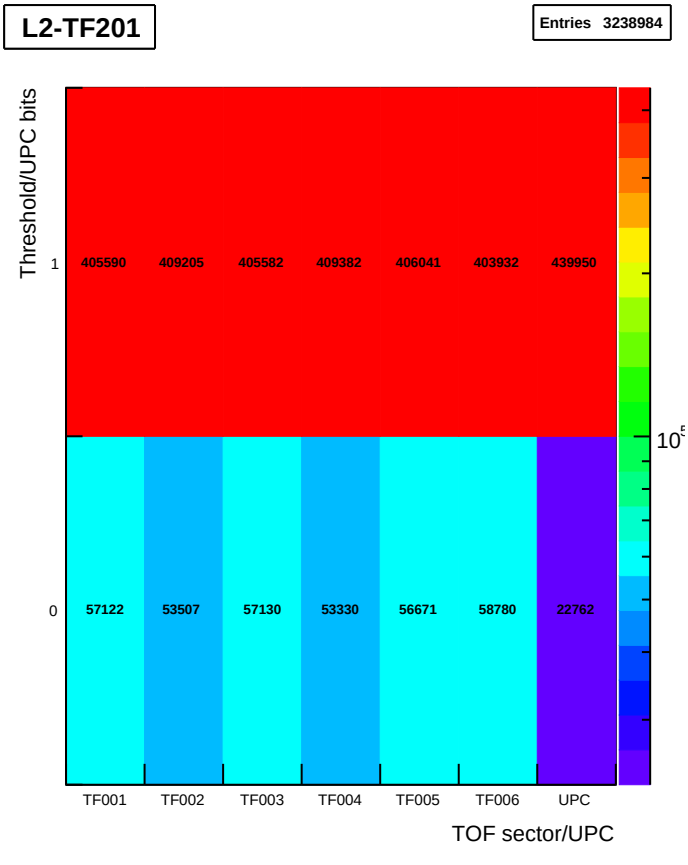

MIX-TF101
Entries 155829
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

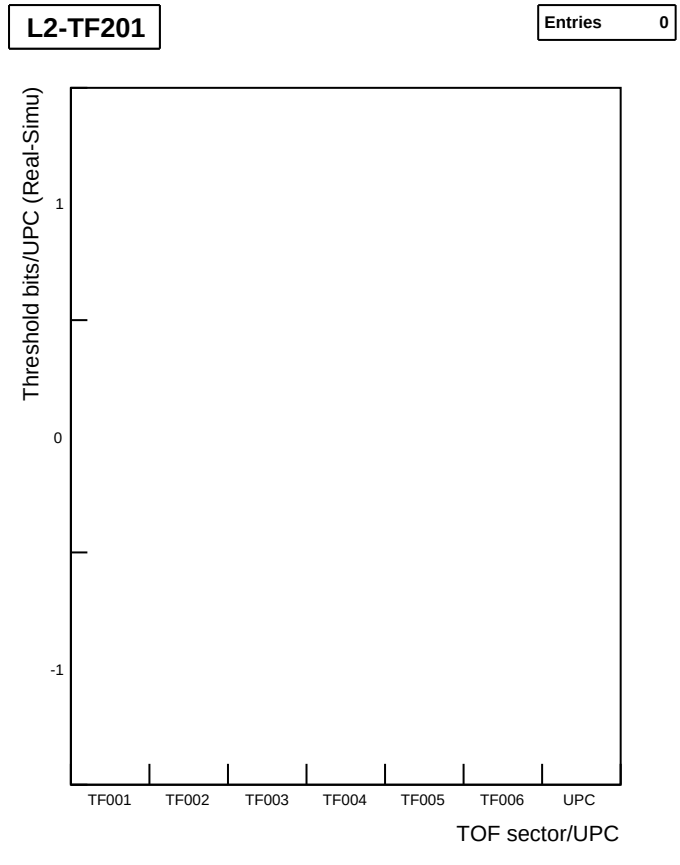

MIX-TF101
Entries 2776272
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

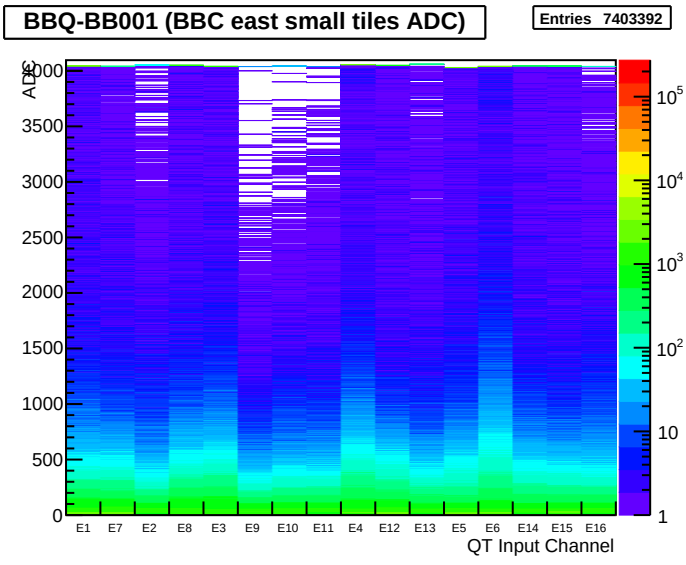

MIX-TF101
Entries 338182
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

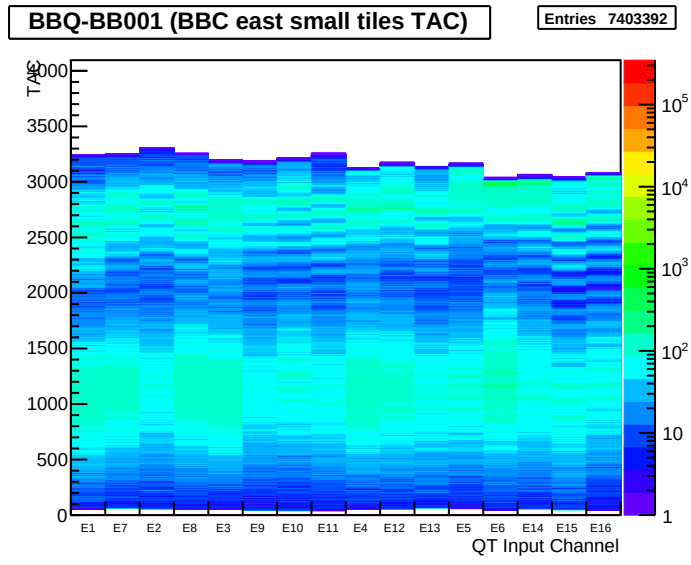

L2-TF201
Entries 462712
TOF total mult

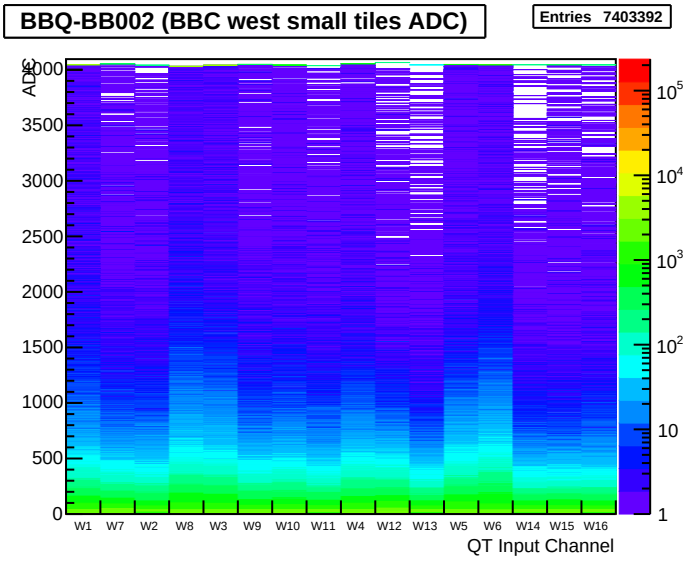

L2-TF201
Entries 0
TOF total mult(Real-Simu)

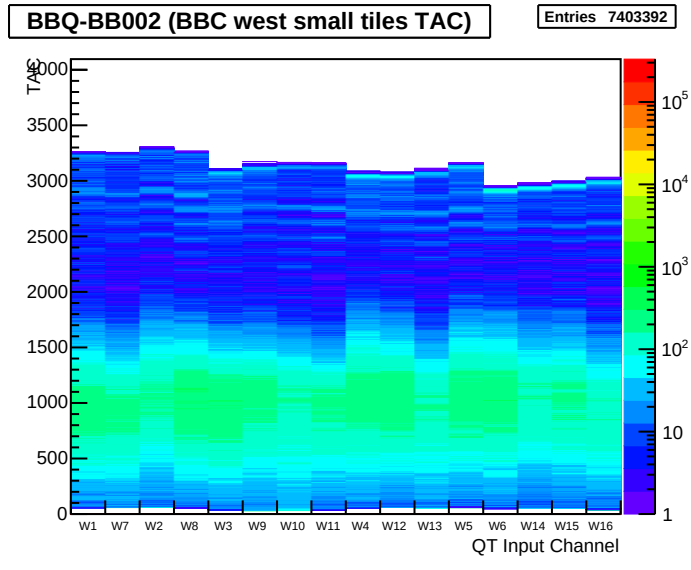

L2-TF201
Entries 3238984
Threshold/UPC bits
405590
409205
405582
409382
406041
403932
439950
57122
53507
57130
53330
56671
58780
22762
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

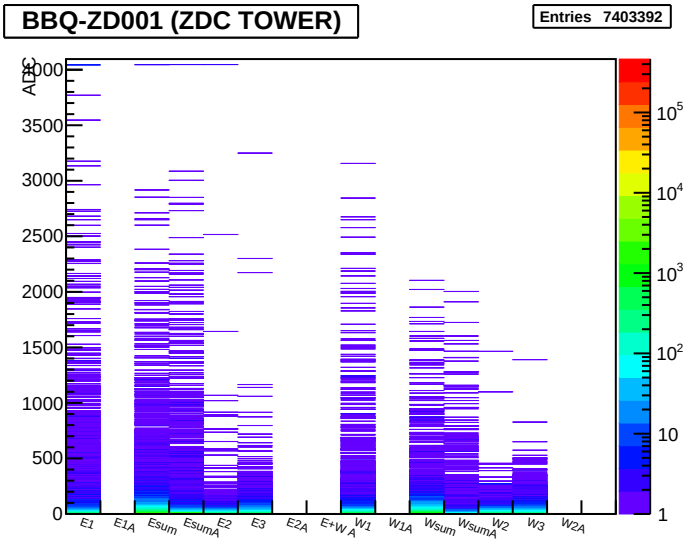

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

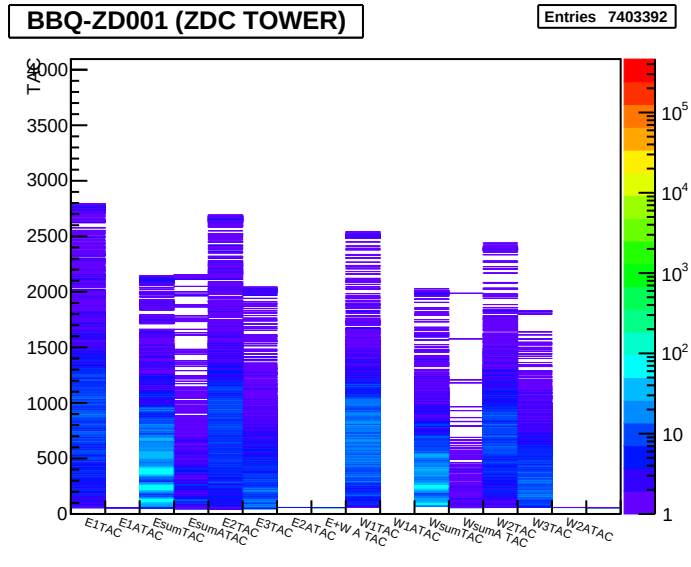

BBQ-BB001 (BBC east small tiles ADC)
Entries 7403392
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

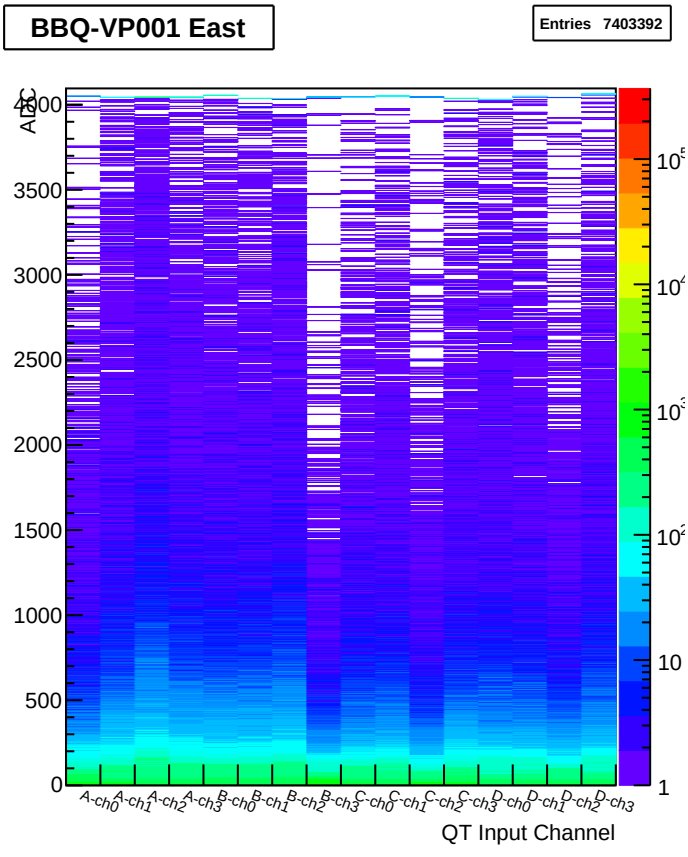

BBQ-BB001 (BBC east small tiles TAC)
Entries 7403392
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

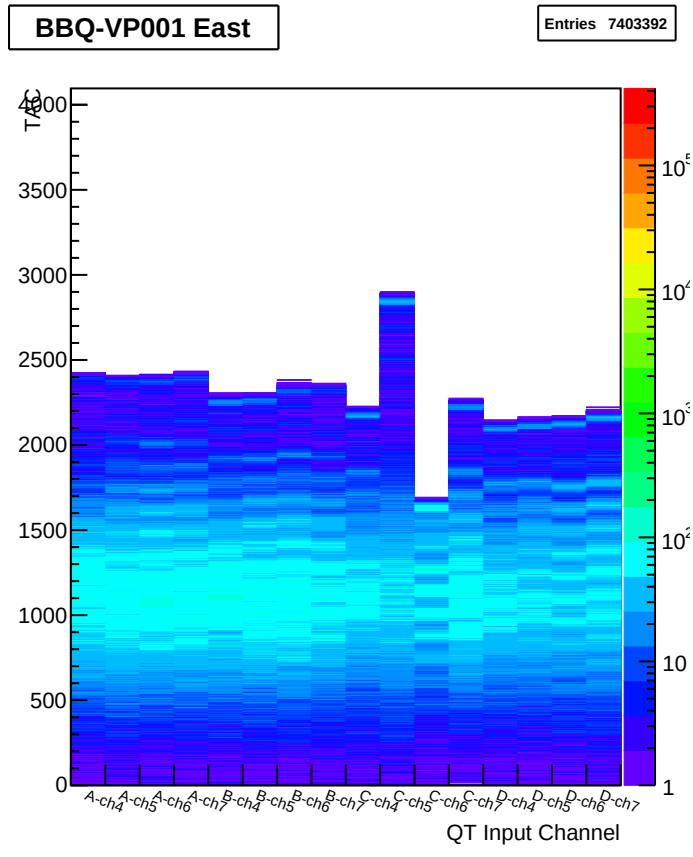

BBQ-BB002 (BBC west small tiles ADC)
Entries 7403392
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

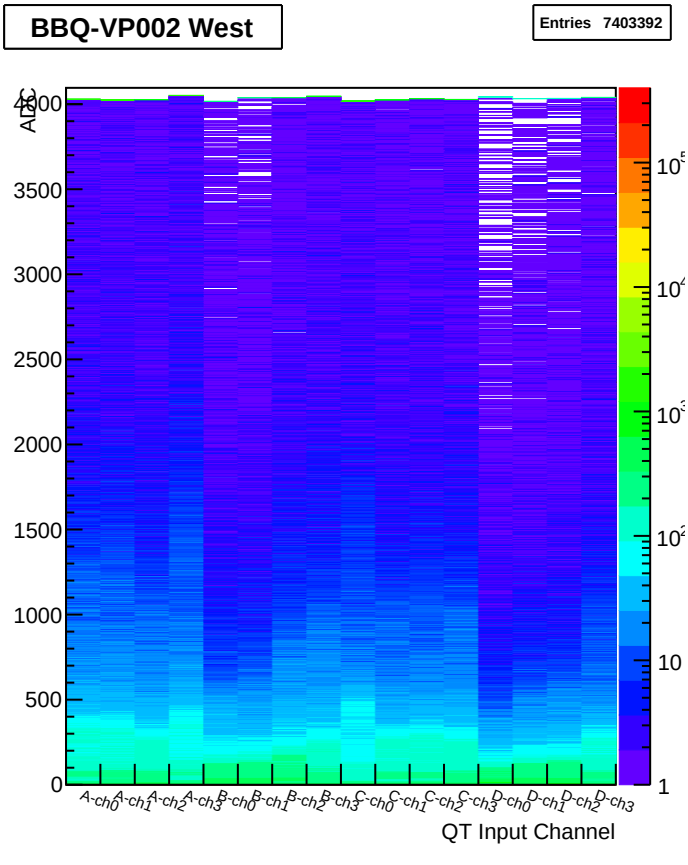

BBQ-BB002 (BBC west small tiles TAC)
Entries 7403392
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

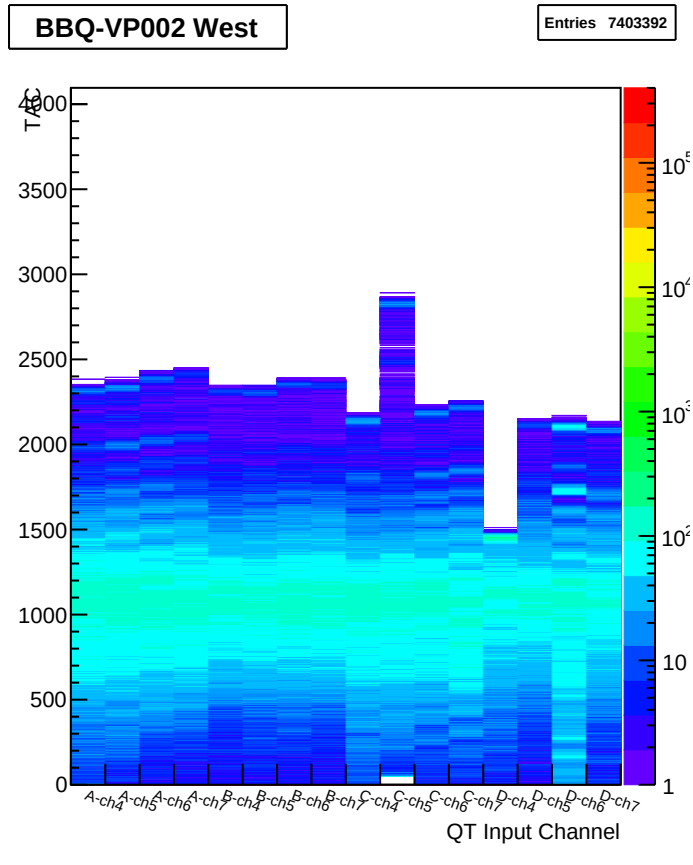

BBQ-ZD001 (ZDC TOWER)
Entries 7403392
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

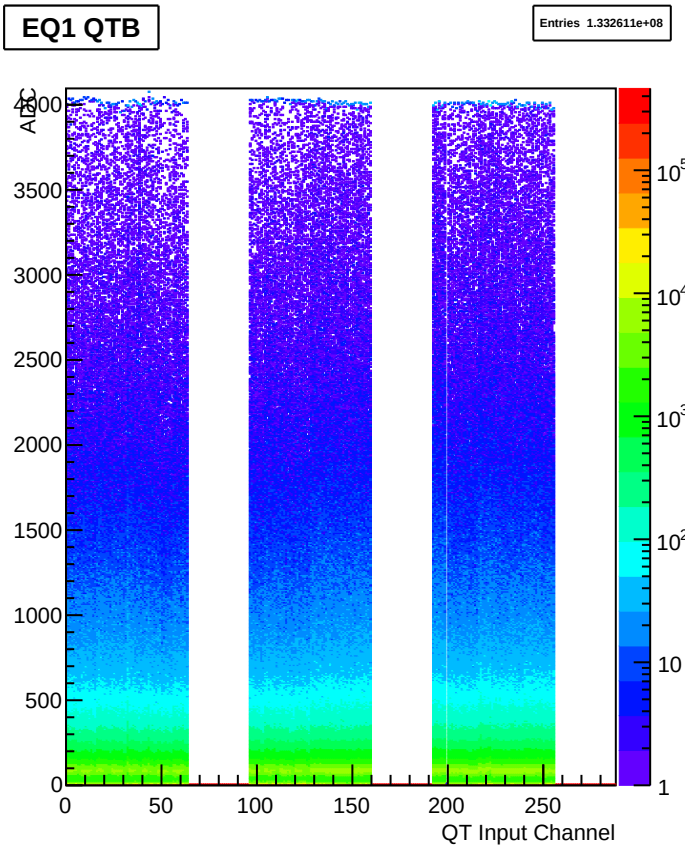

BBQ-ZD001 (ZDC TOWER)
Entries 7403392
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

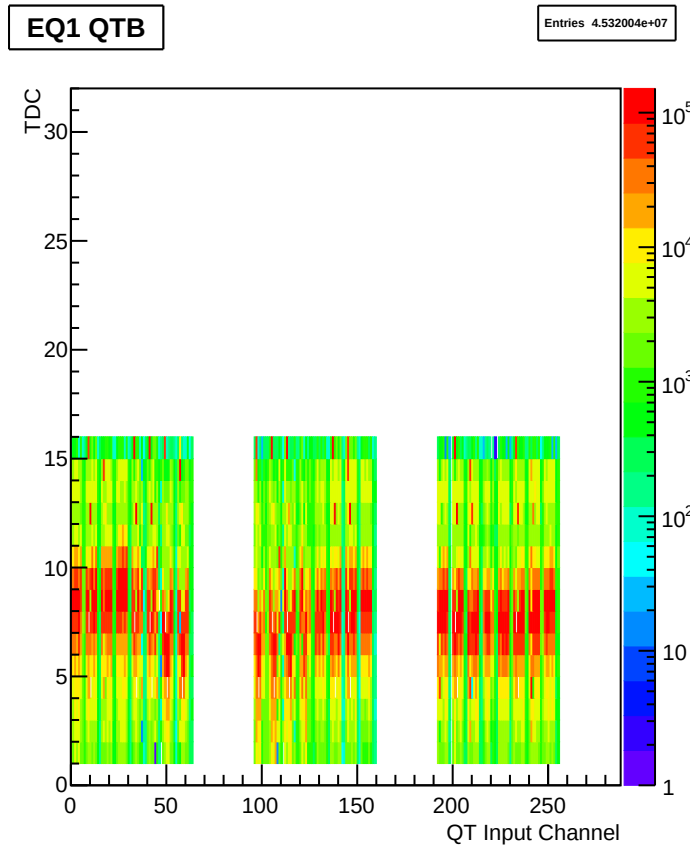

BBQ-VP001 East
Entries 7403392
ADC
QT Input Channel

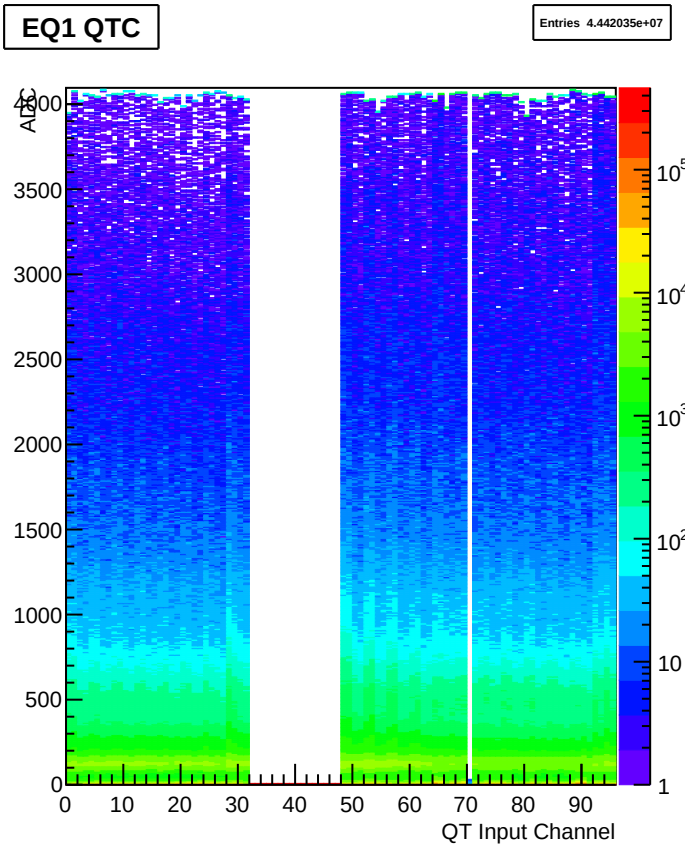

BBQ-VP001 East
Entries 7403392
TADC
QT Input Channel

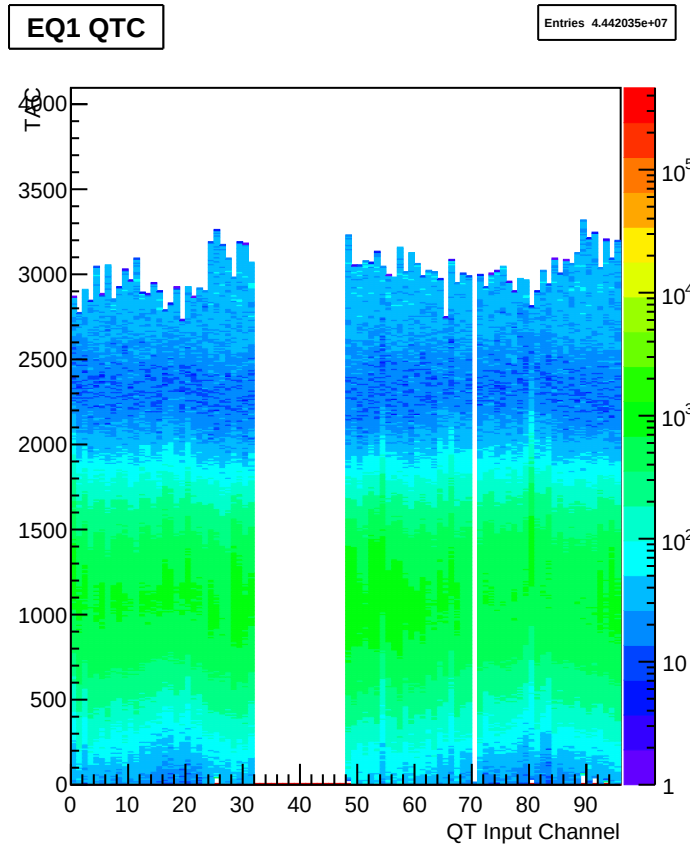

BBQ-VP002 West
Entries 7403392
ADC
QT Input Channel

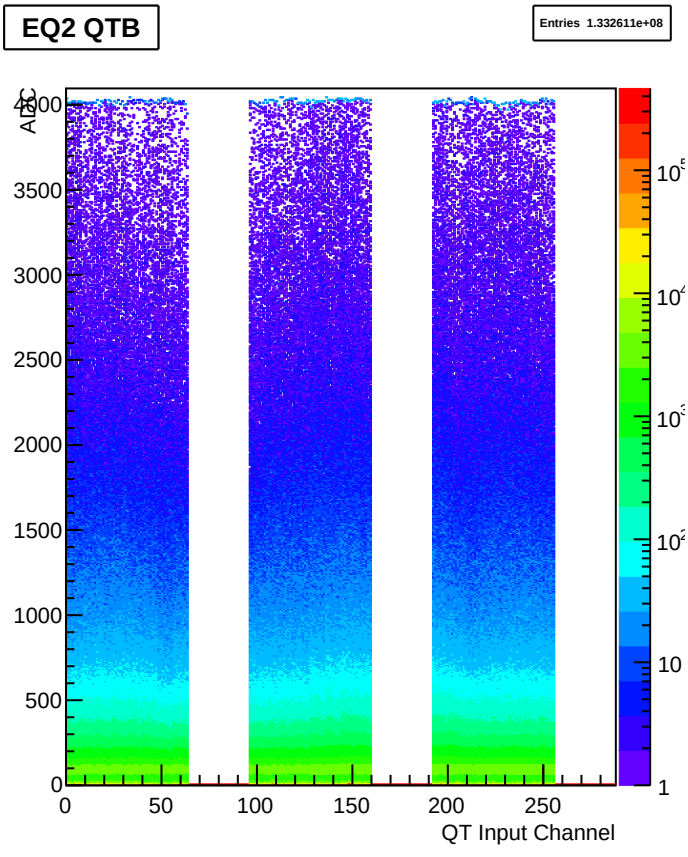

BBQ-VP002 West
Entries 7403392
TADC
QT Input Channel

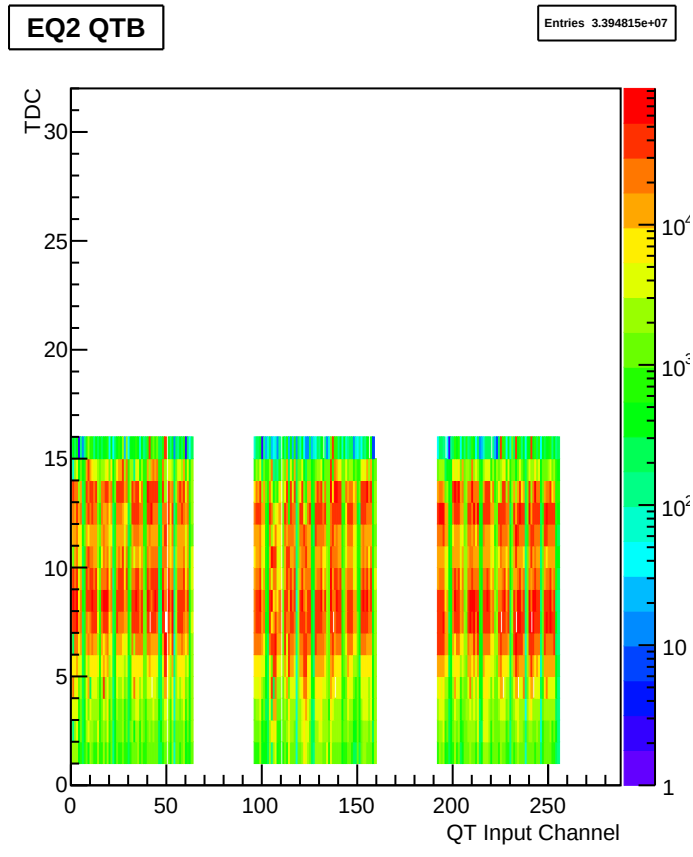

EQ1 QTB
Entries 1.332611e+08
ADC
QT Input Channel

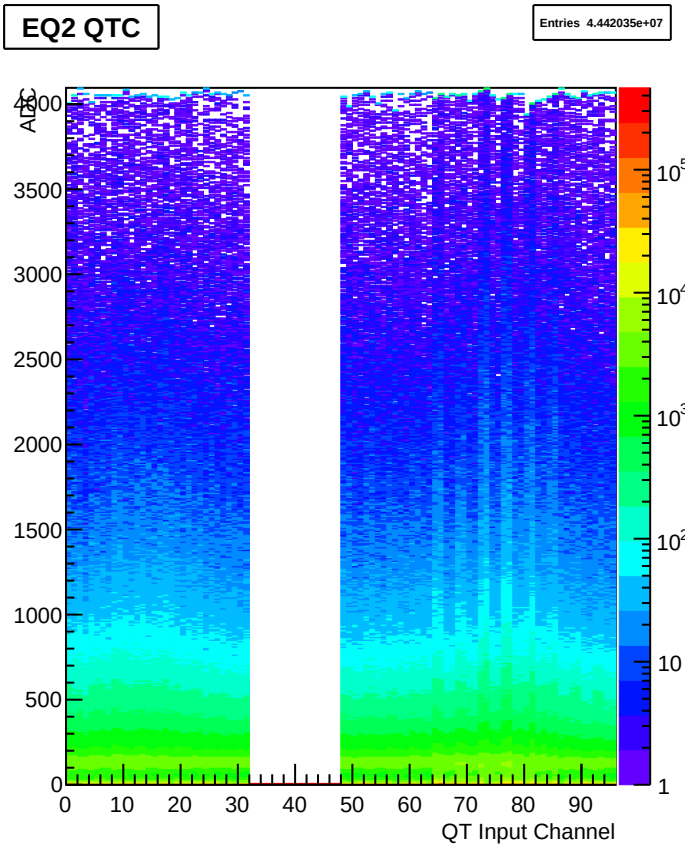

EQ1 QTB
Entries 4.532004e+07
TDC
QT Input Channel

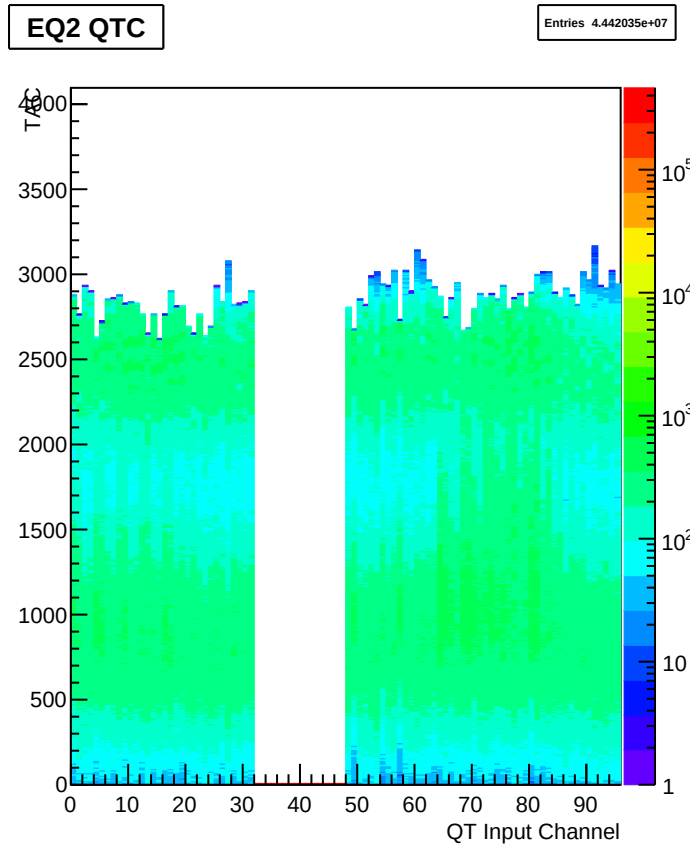

EQ1 QTC
Entries 4.442035e+07
ADC
QT Input Channel

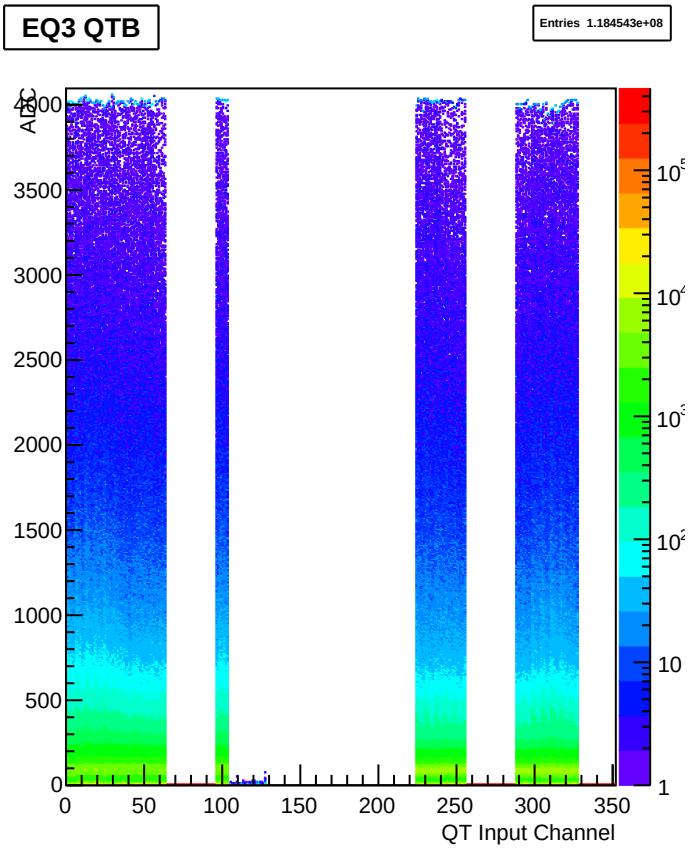

EQ1 QTC
Entries 4.442035e+07
TADC
QT Input Channel

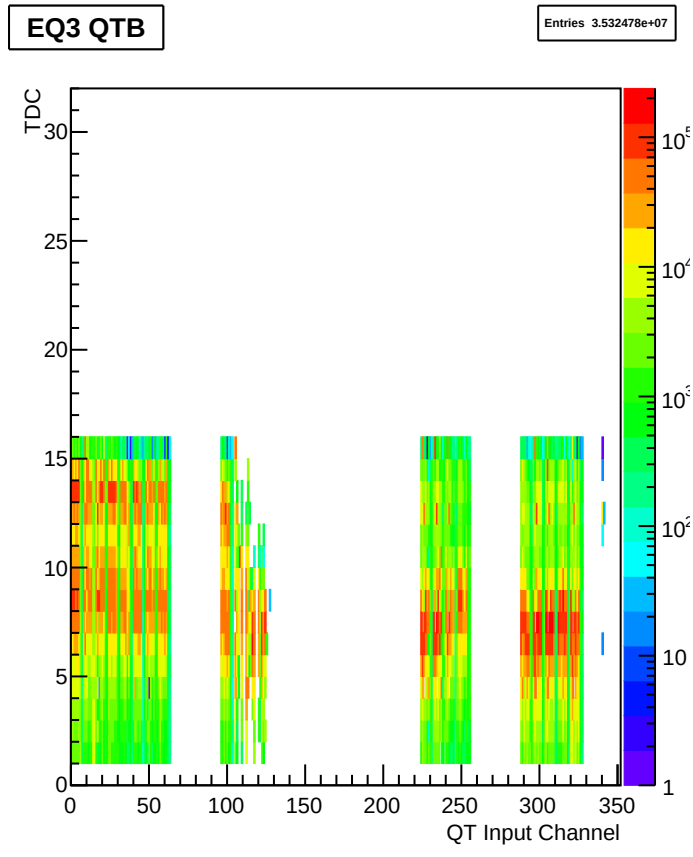

EQ2 QTB
Entries 1.332611e+08
ADC
QT Input Channel

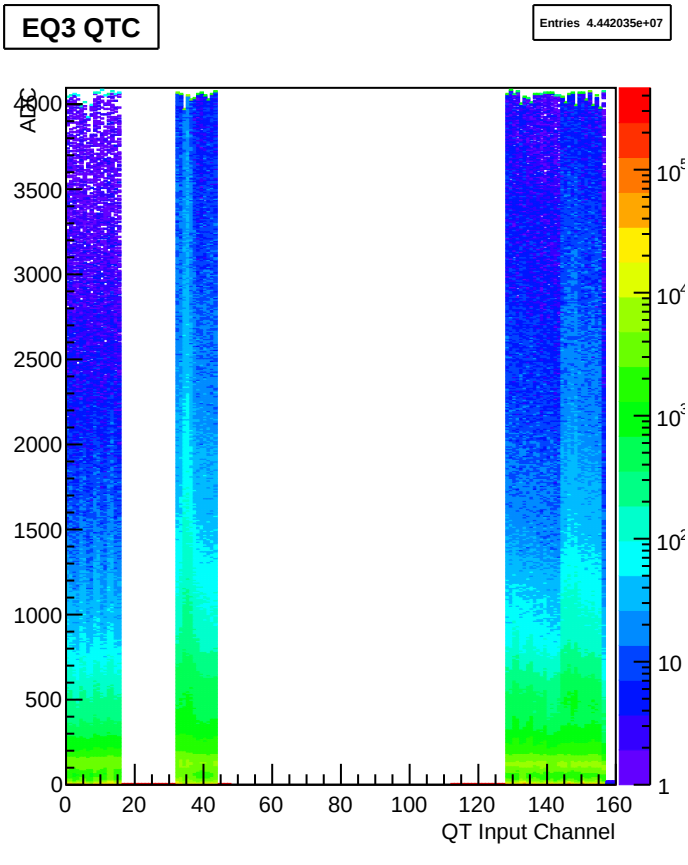

EQ2 QTB
Entries 3.394815e+07
TDC
QT Input Channel

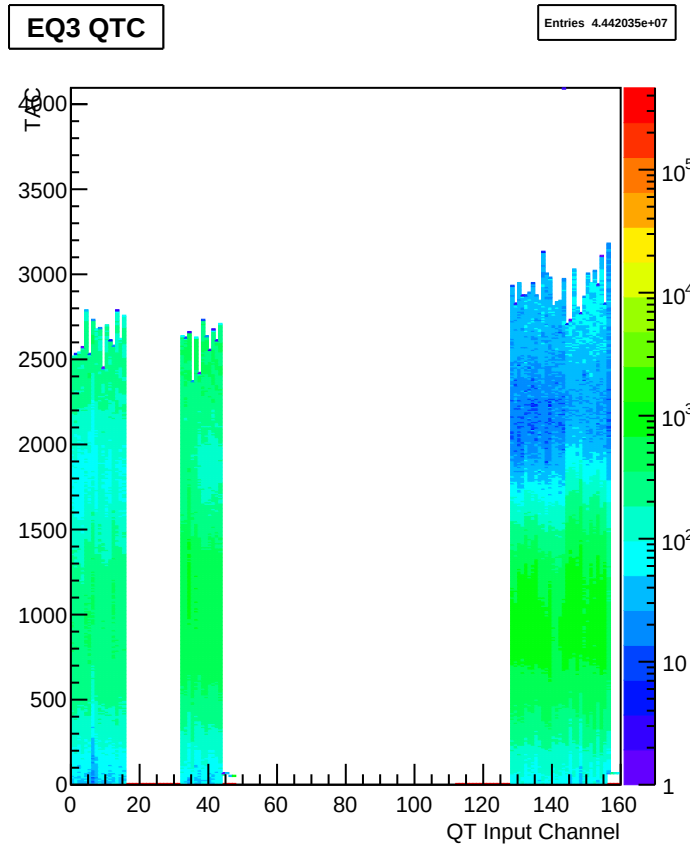

EQ2 QTC
Entries 4.442035e+07
ADC
QT Input Channel

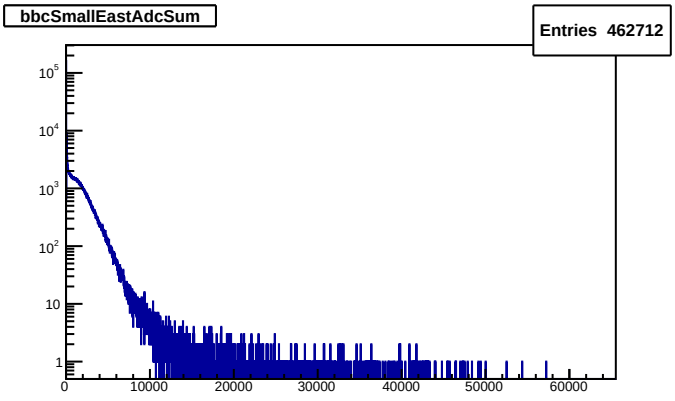

EQ2 QTC
Entries 4.442035e+07
TADC
QT Input Channel

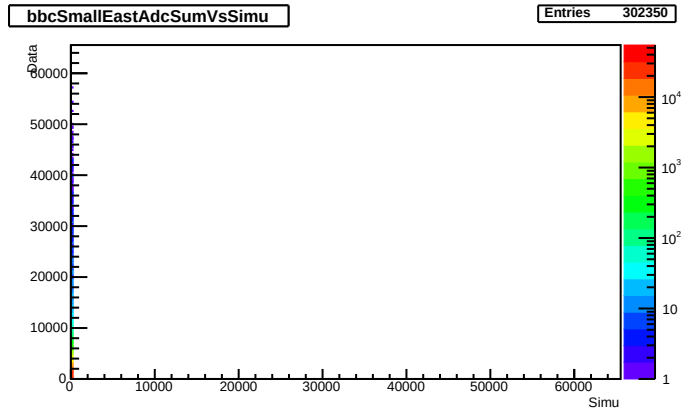

EQ3 QTB
Entries 1.184543e+08
ADC
QT Input Channel

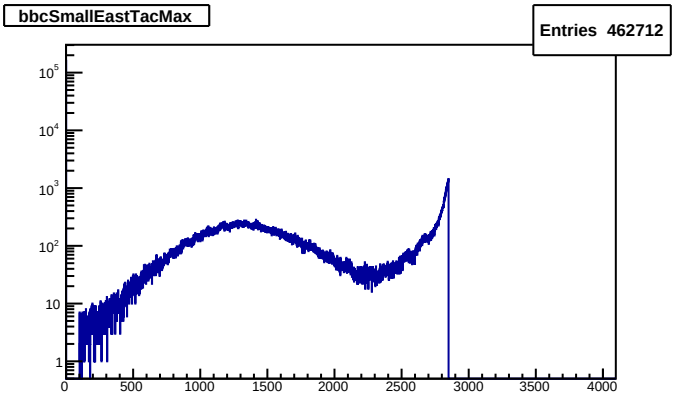

EQ3 QTB
Entries 3.532478e+07
TDC
QT Input Channel

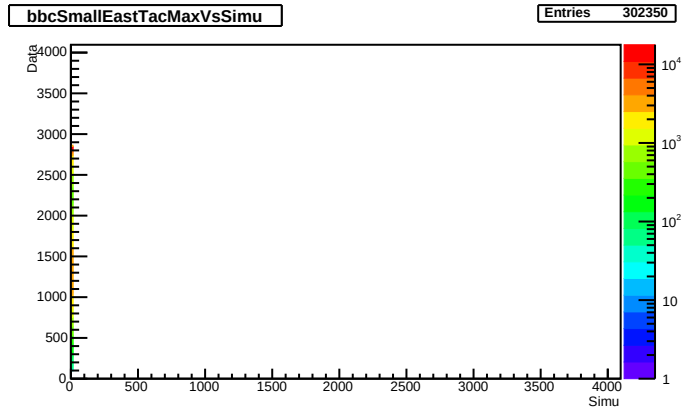

EQ3 QTC
Entries 4.442035e+07
ADC
QT Input Channel

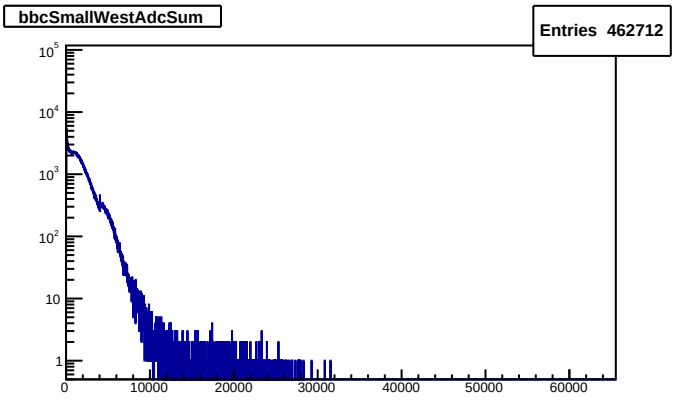

EQ3 QTC
Entries 4.442035e+07
TADC
QT Input Channel

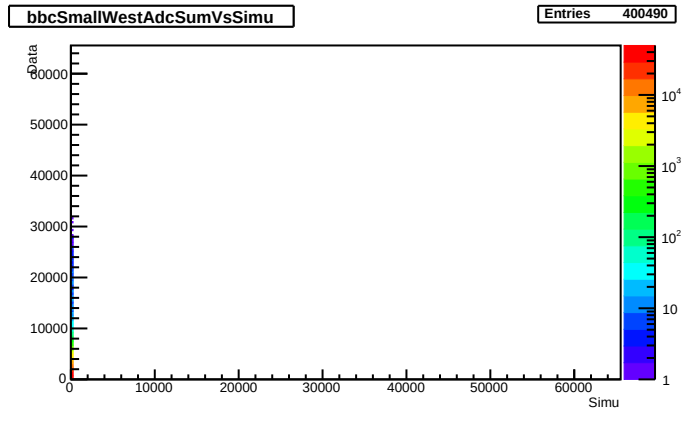

bbcSmallEastAdcSum
Entries 462712

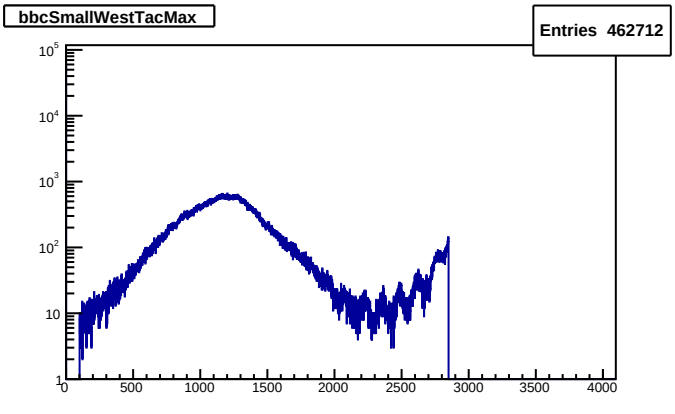

bbcSmallEastAdcSumVsSimu
Entries 302350
Data
Simu

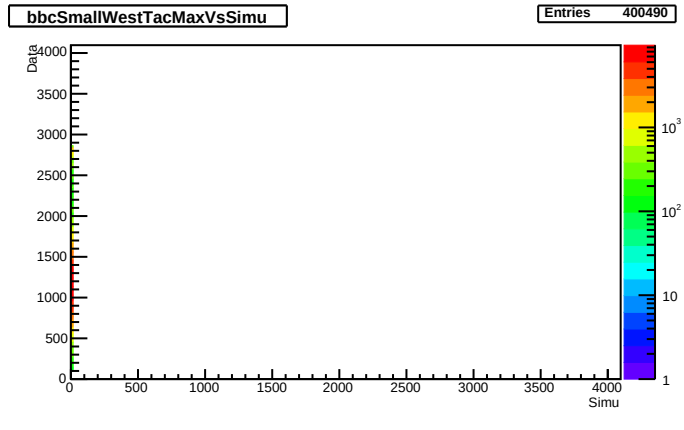

bbcSmallEastTacMax
Entries 462712

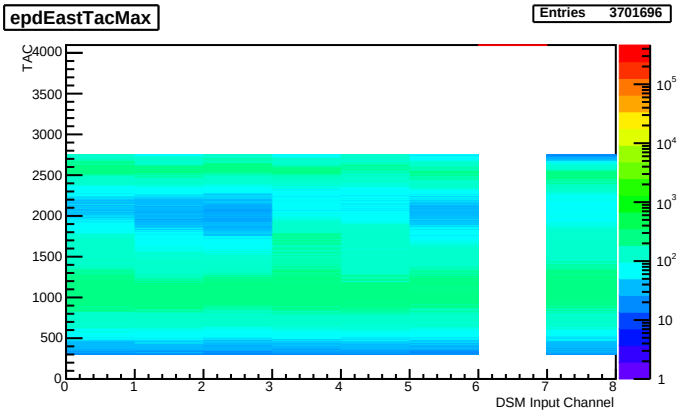

bbcSmallEastTacMaxVsSimu
Entries 302350
Data
Simu

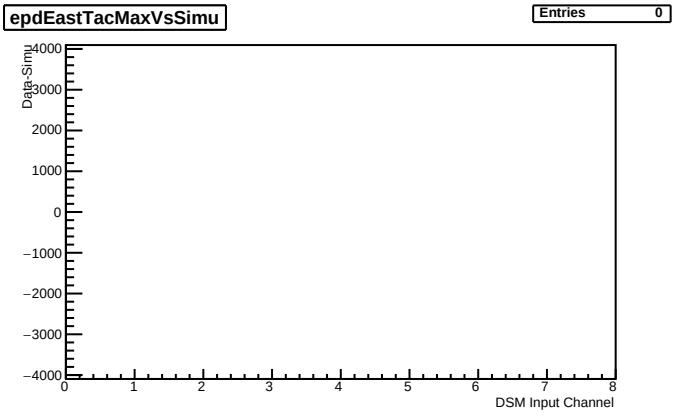

bbcSmallWestAdcSum
Entries 462712

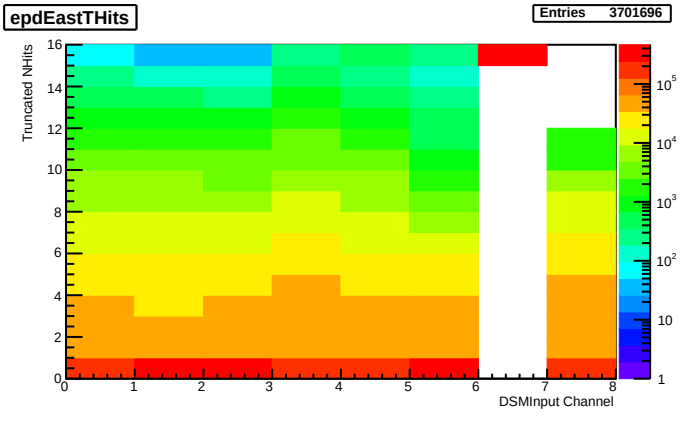

bbcSmallWestAdcSumVsSimu
Entries 400490
Data
Simu

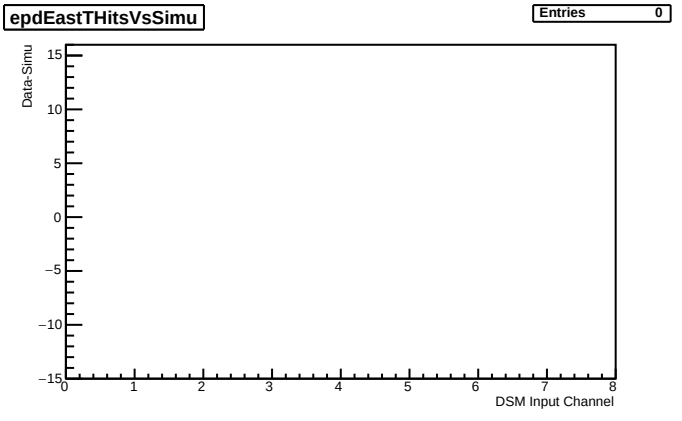

bbcSmallWestTacMax
Entries 462712


bbcSmallWestTacMaxVsSimu
Entries 400490
Data
Simu


epdEastTacMax
Entries 3701696
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3701696
Truncated NHits
DSMInput Channel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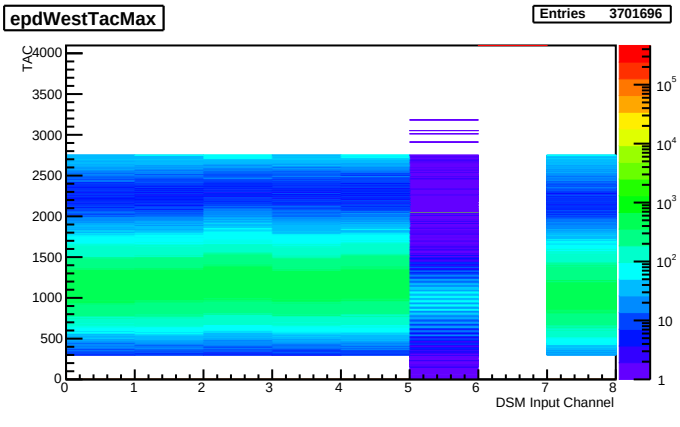
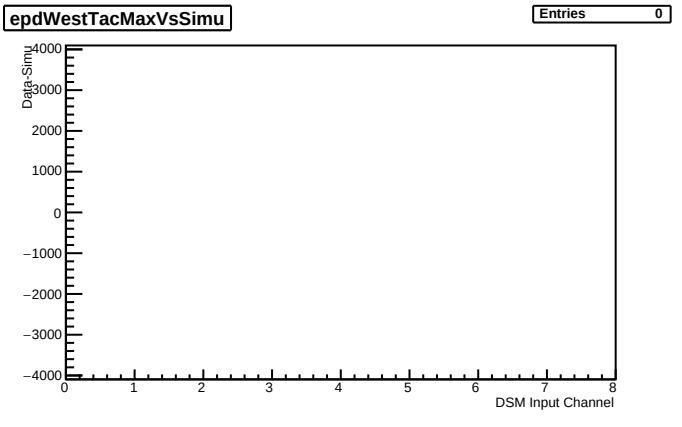
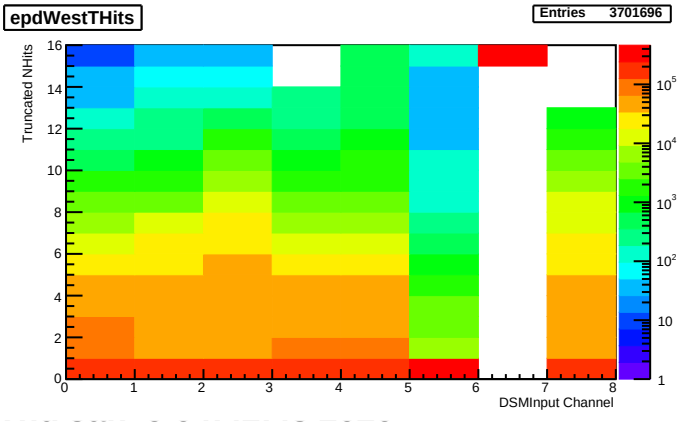
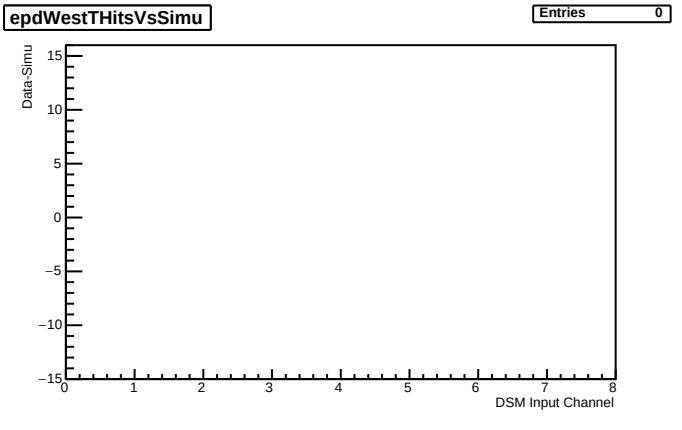
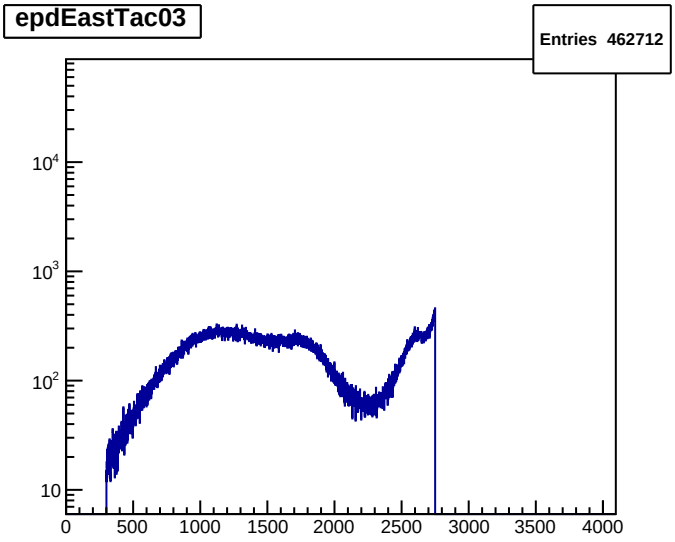
Entries 0
Data-Simu
DSM Input Channel

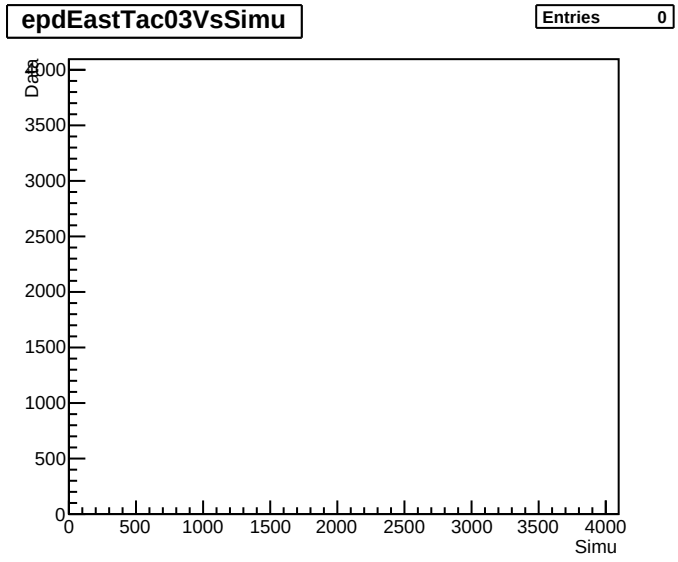

epdWestTacMax
Entries 3701696
TAC
DSM Input Channel

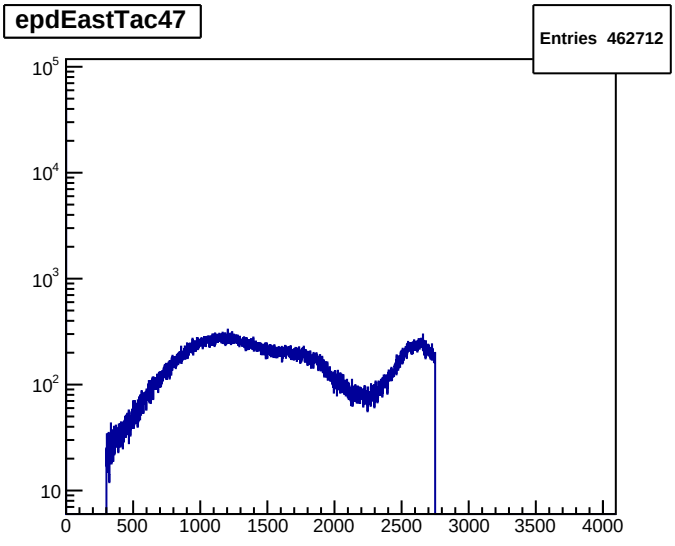

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

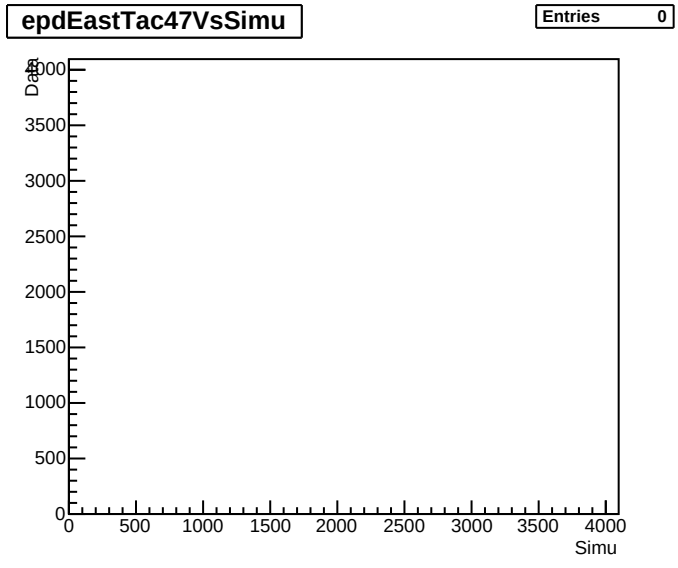

epdWestTHits
Entries 3701696
Truncated NHits
DSMInput Channel

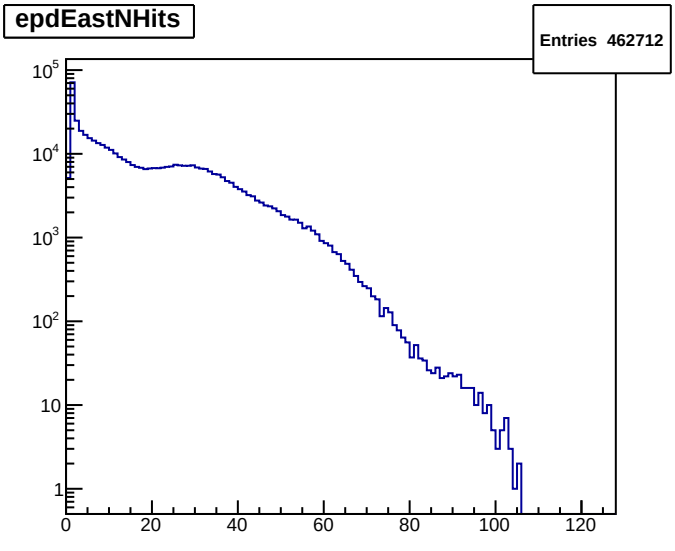

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

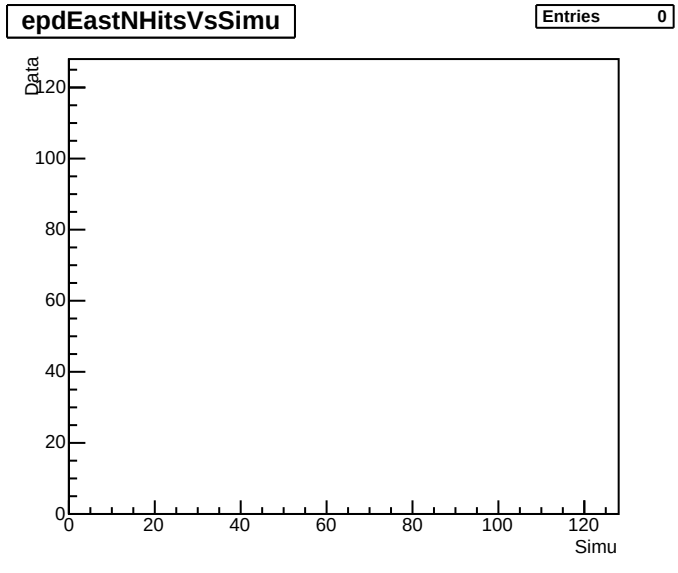

epdEastTac03
Entries 462712

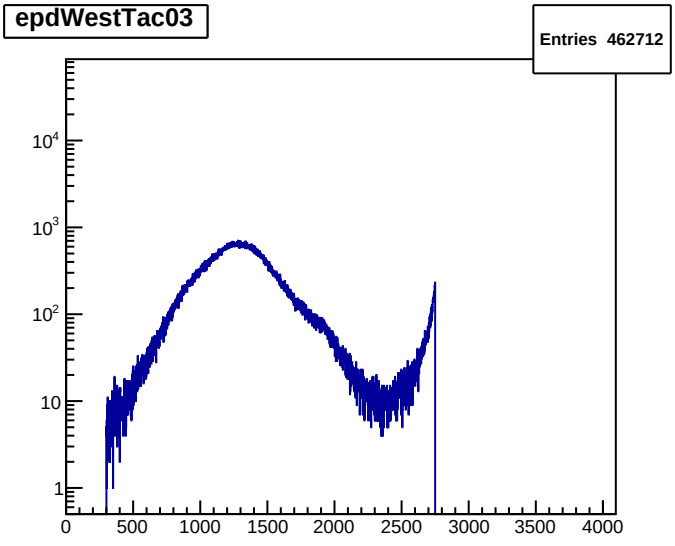

epdEastTac03VsSimu
Entries 0
Data
Simu

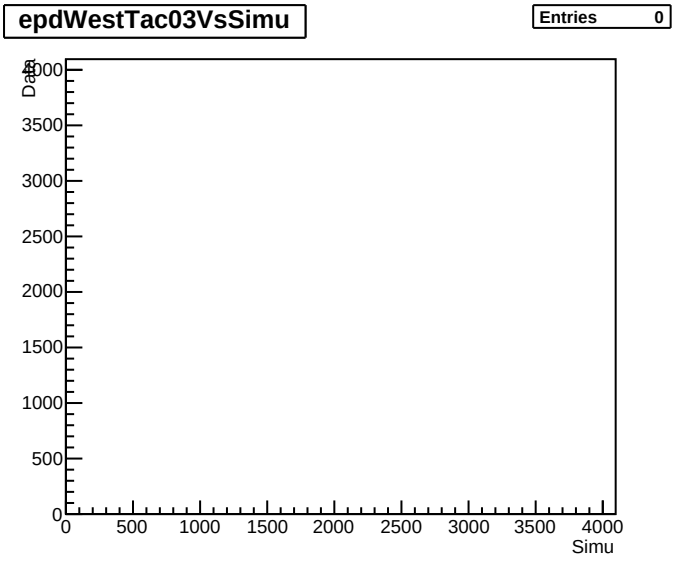

epdEastTac47
Entries 462712

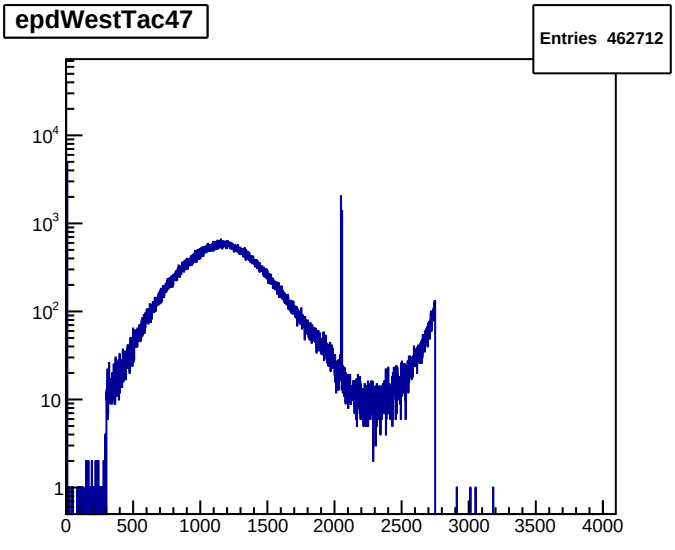

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 462712


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 462712


epdWestTac03VsSimu
Entries 0
Data
Simu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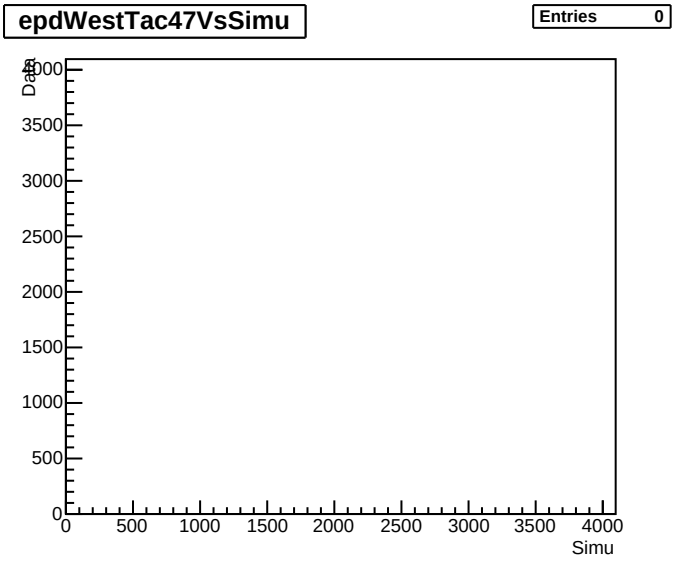
Entries 462712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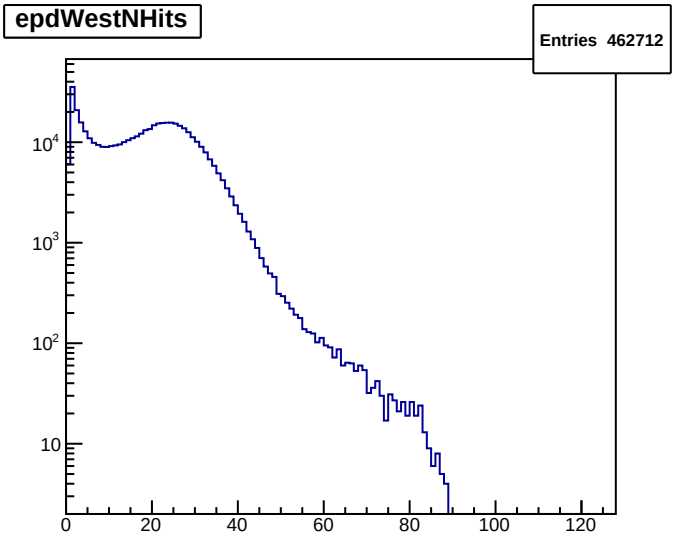
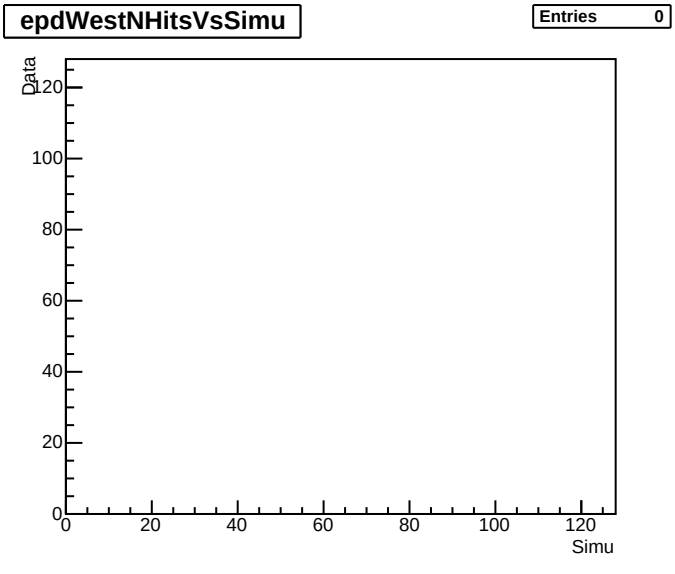
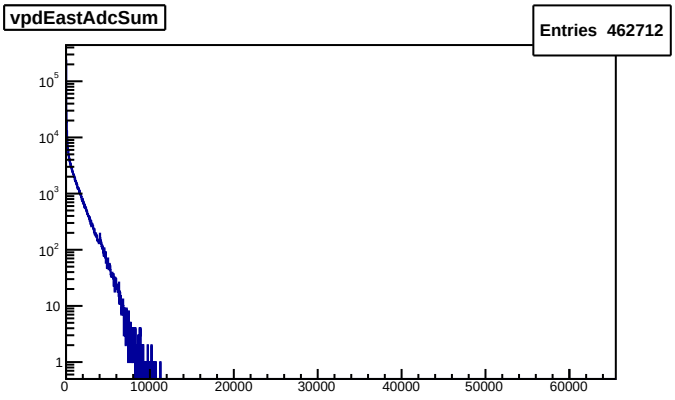
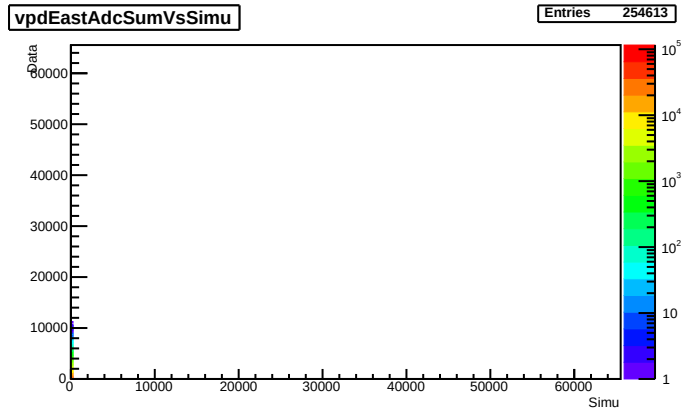
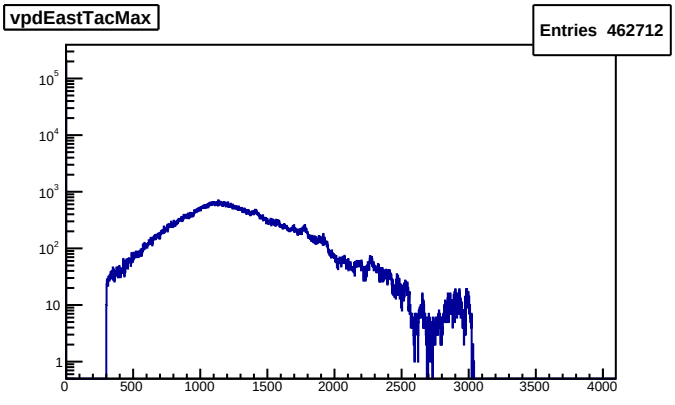
Entries 0
Data
Simu

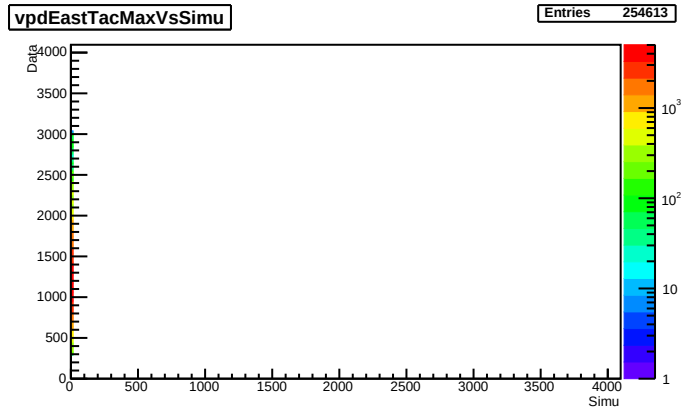

epdWestNHits
Entries 462712

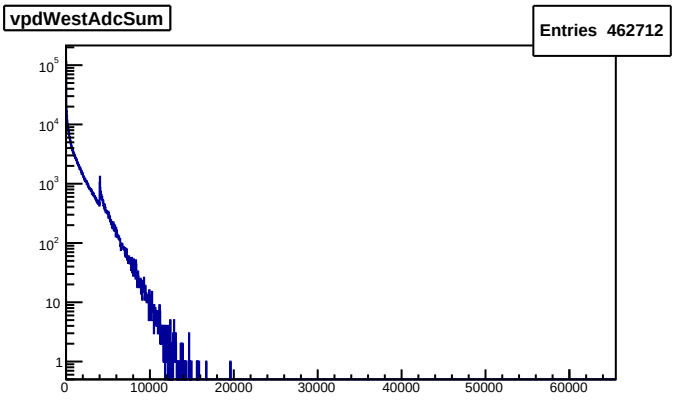

epdWestNHitsVsSimu
Entries 0
Data
Simu

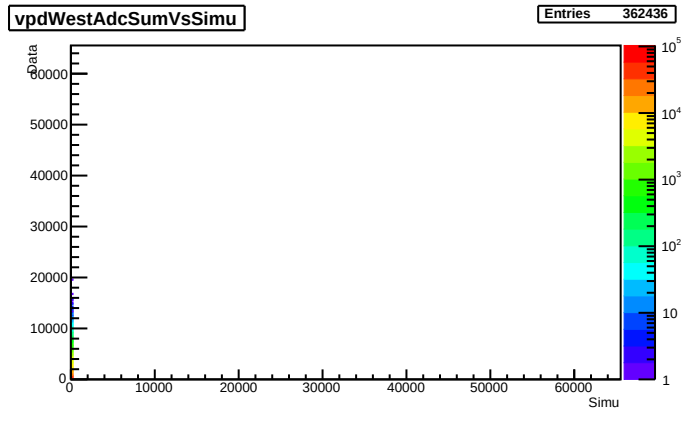

vpdEastAdcSum
Entries 462712

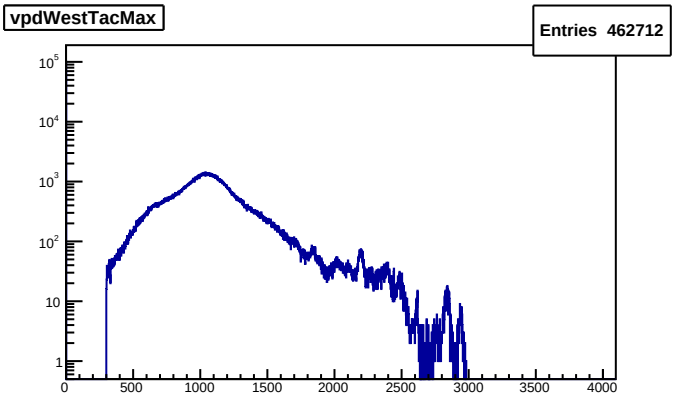

vpdEastAdcSumVsSimu
Entries 254613
Data
Simu

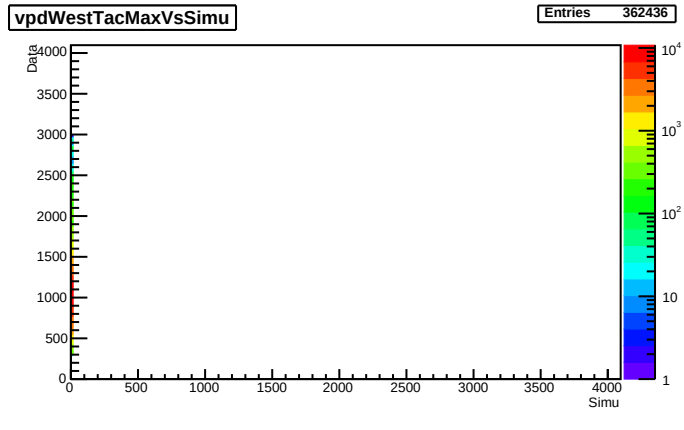

vpdEastTacMax
Entries 462712

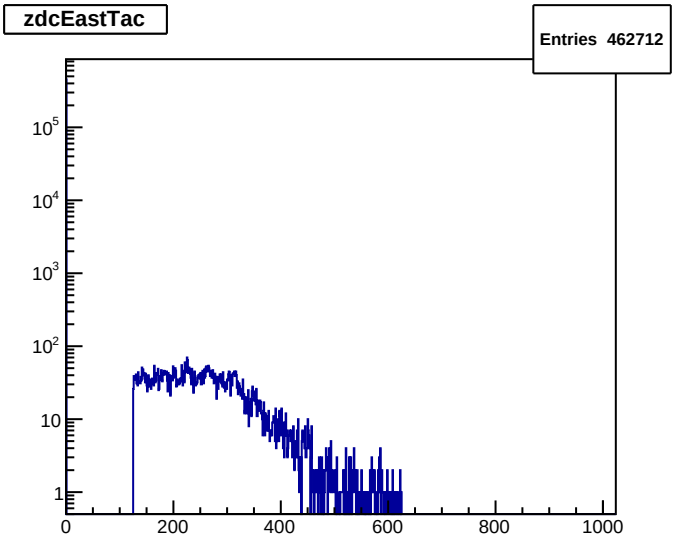

vpdEastTacMaxVsSimu
Entries 254613
Data
Simu

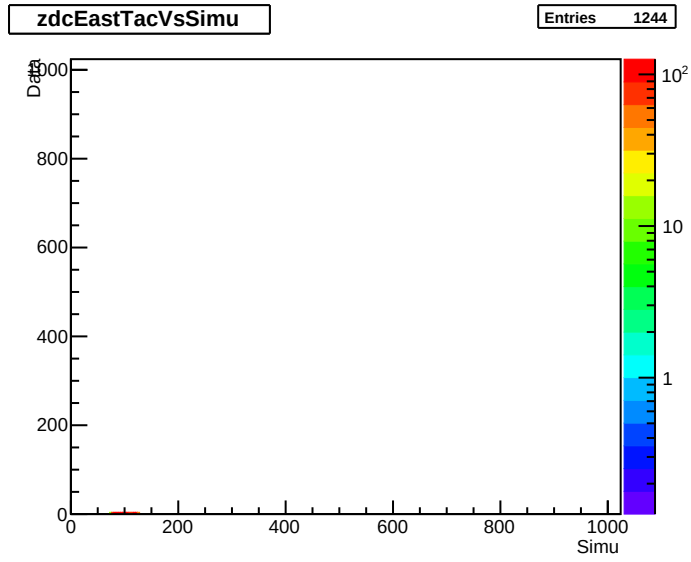

vpdWestAdcSum
Entries 462712

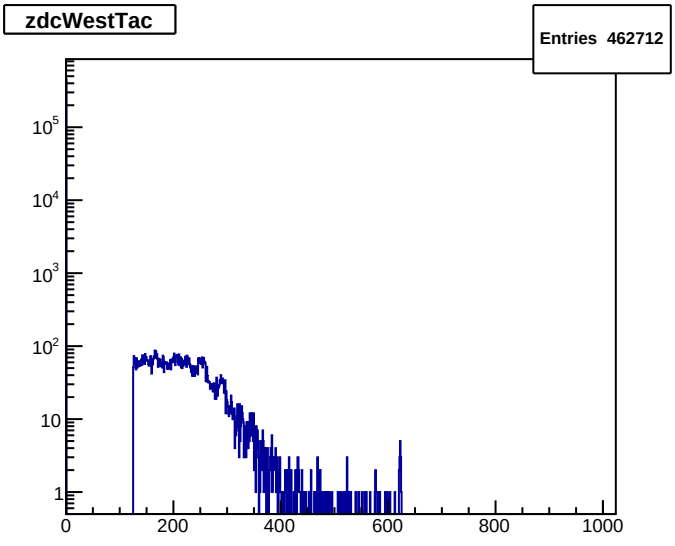

vpdWestAdcSumVsSimu
Entries 362436
Data
Simu

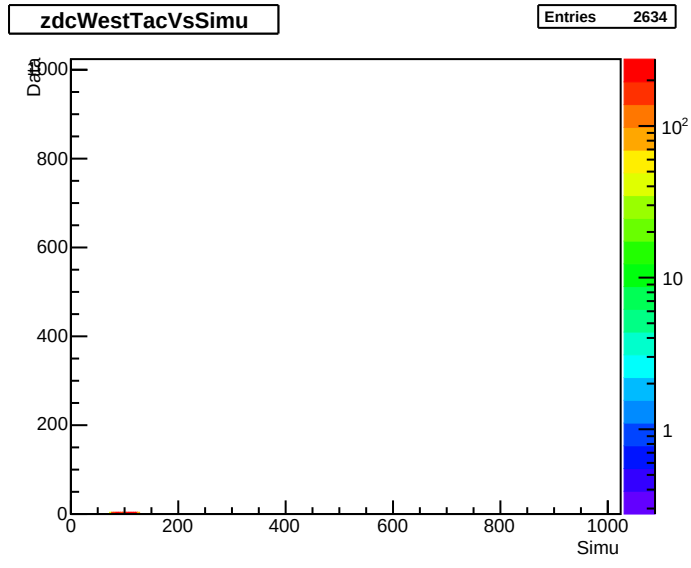

vpdWestTacMax
Entries 462712

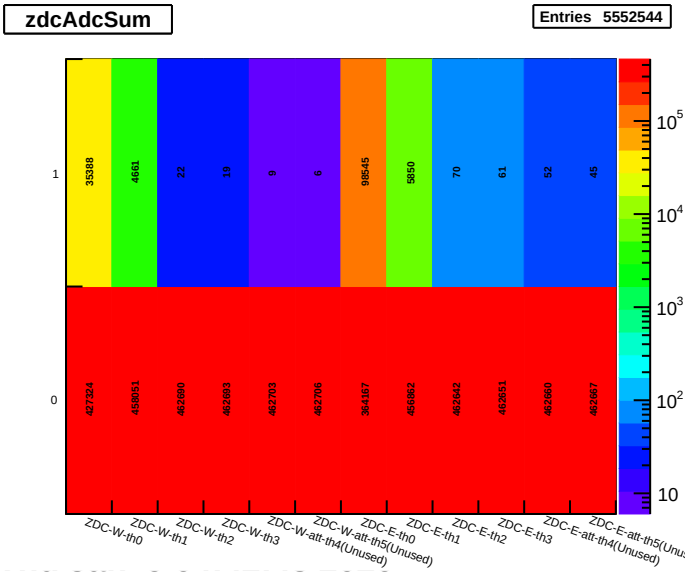

vpdWestTacMaxVsSimu
Entries 362436
Data
Simu

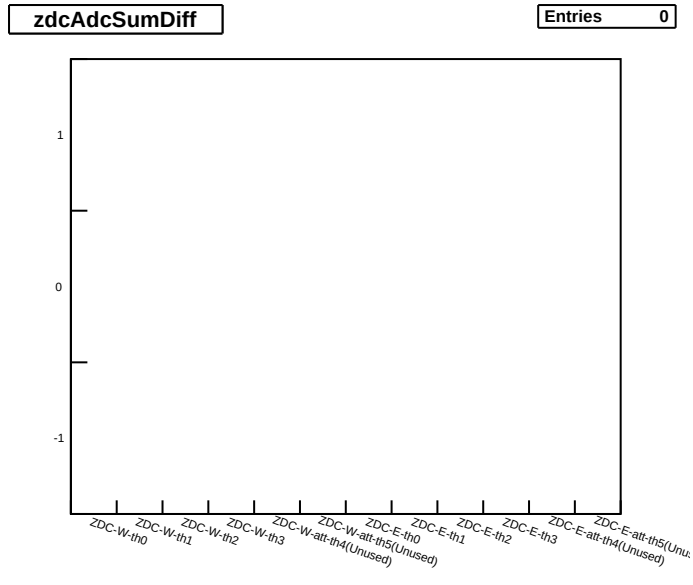

zdcEastTac
Entries 462712

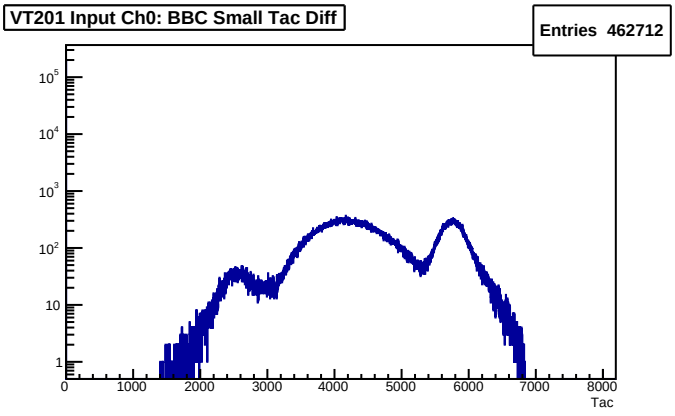

zdcEastTacVsSimu
Entries 1244
Data
Simu

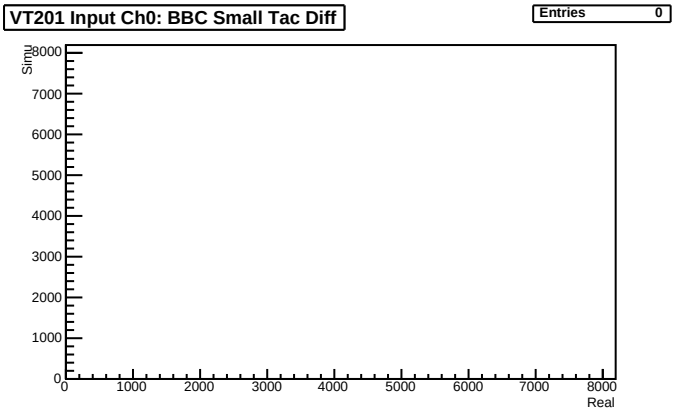

zdcWestTac
Entries 462712

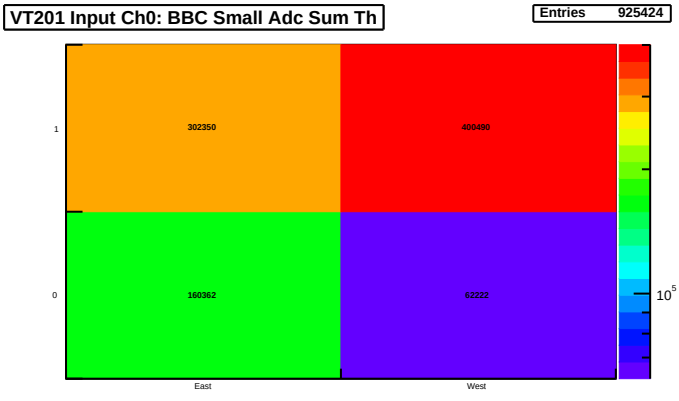

zdcWestTacVsSimu
Entries 2634
Data
Simu

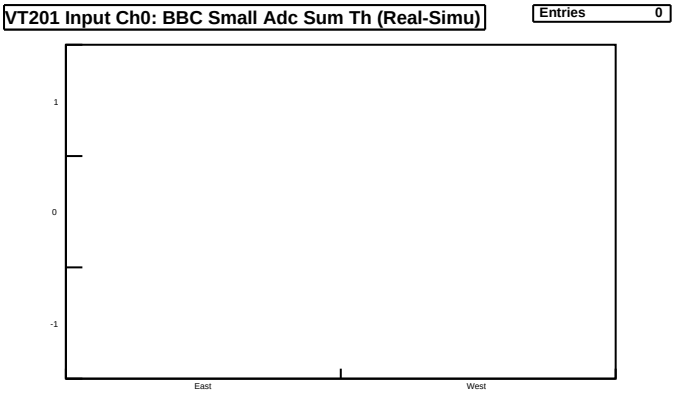

zdcAdcSum
Entries 5552544
35388
4661
22
19
9
6
98545
5850
70
61
52
45
427324
456051
462690
462693
462703
462706
364167
456682
462642
462651
462660
462687
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

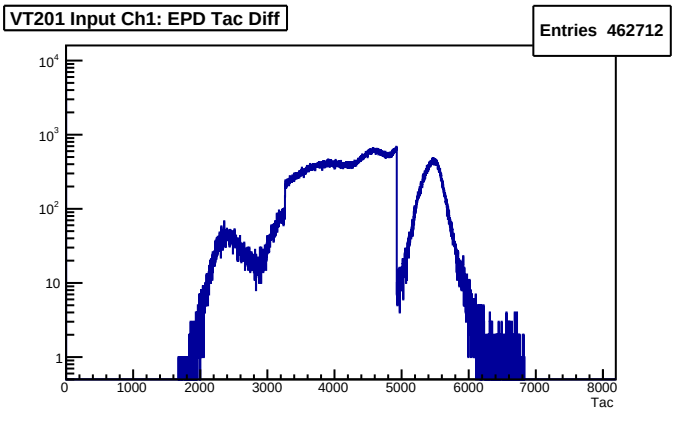

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

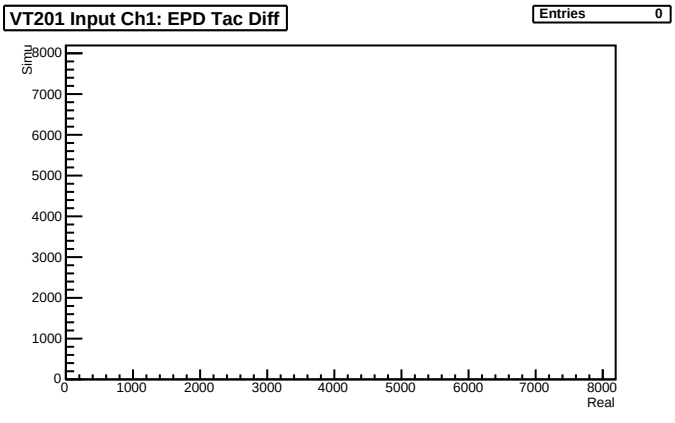

VT201 Input Ch0: BBC Small Tac Diff
Entries 462712
Tac

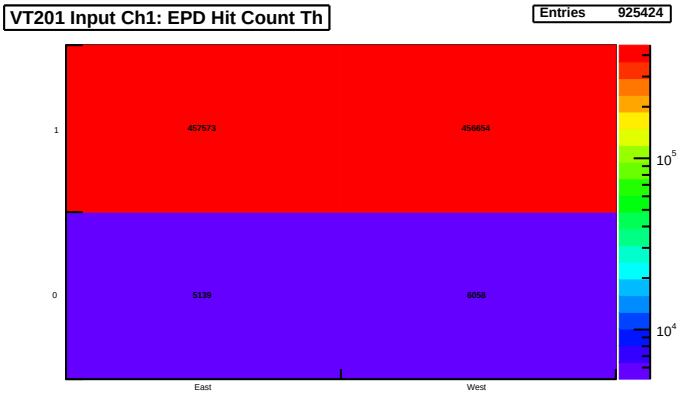

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

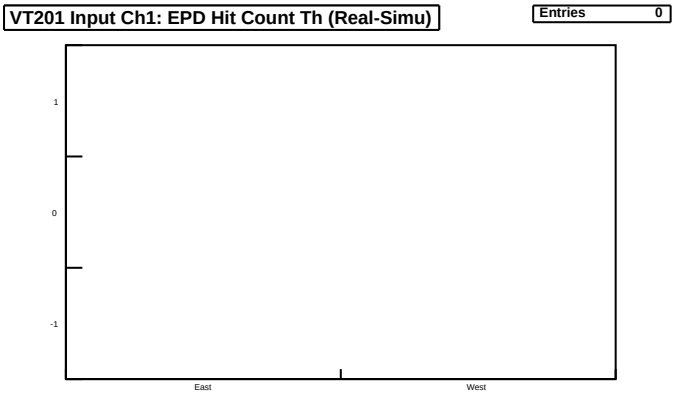

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 925424
302350
400490
160362
62222
East
West

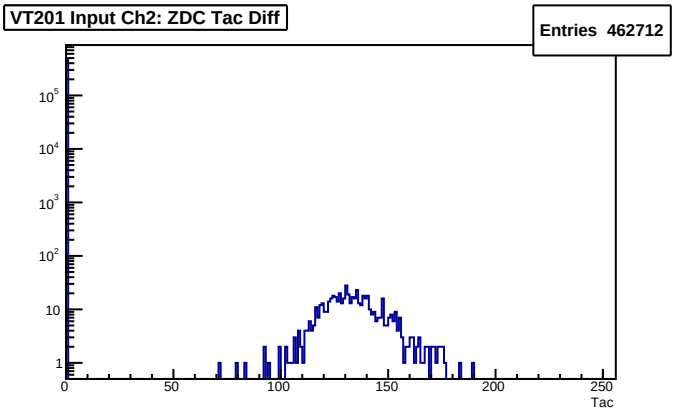

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

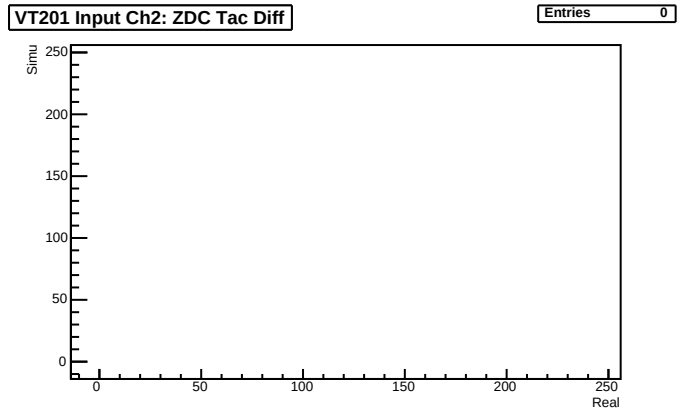

VT201 Input Ch1: EPD Tac Diff
Entries 462712
Tac

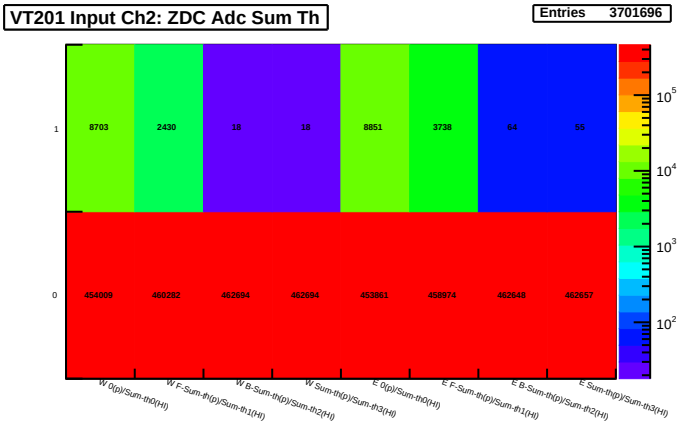

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

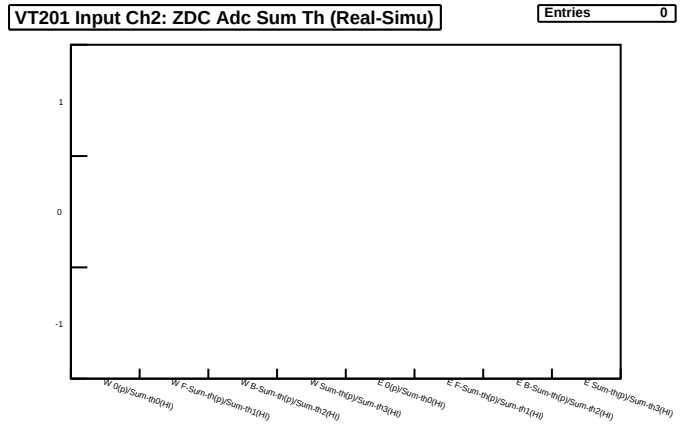

VT201 Input Ch1: EPD Hit Count Th
Entries 925424
457573
456654
5139
6058
East
West

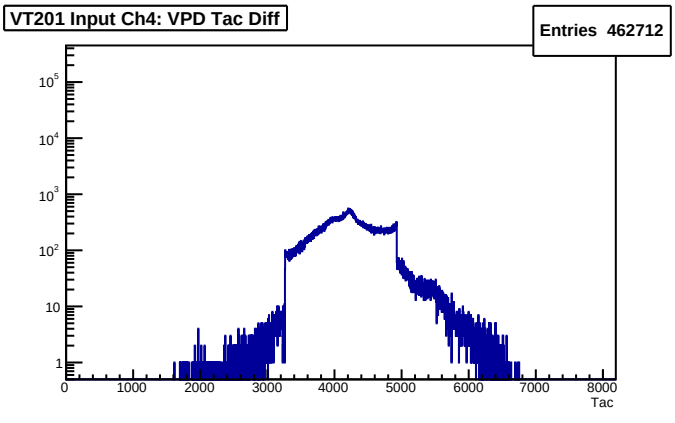

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

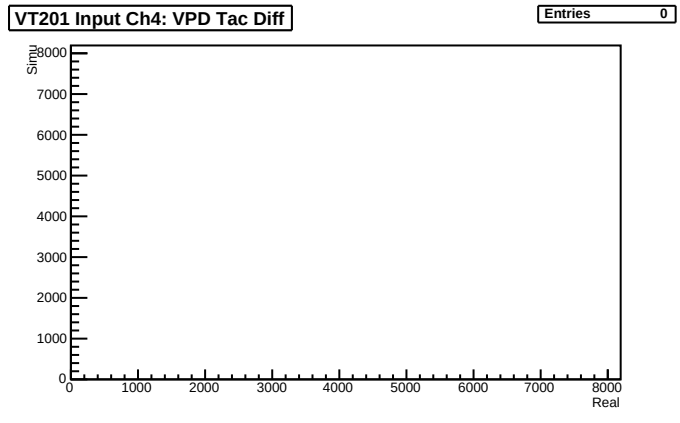

VT201 Input Ch2: ZDC Tac Diff
Entries 462712
Tac

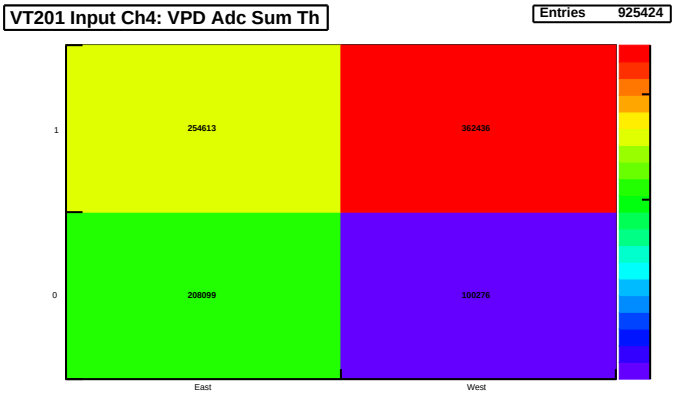

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

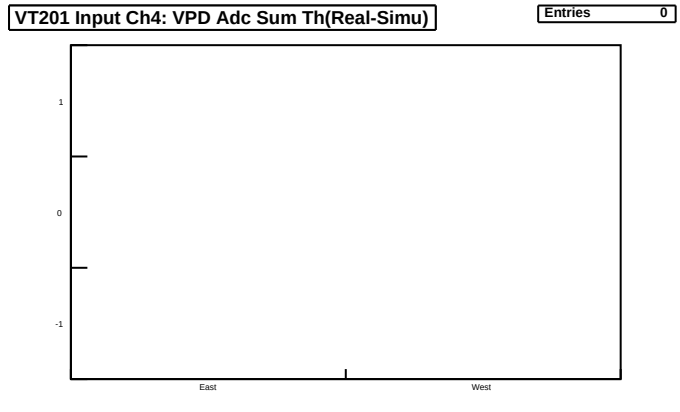

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3701696
8703
2430
18
18
8851
3738
64
55
454009
460282
462694
462694
453861
458974
462648
462657
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

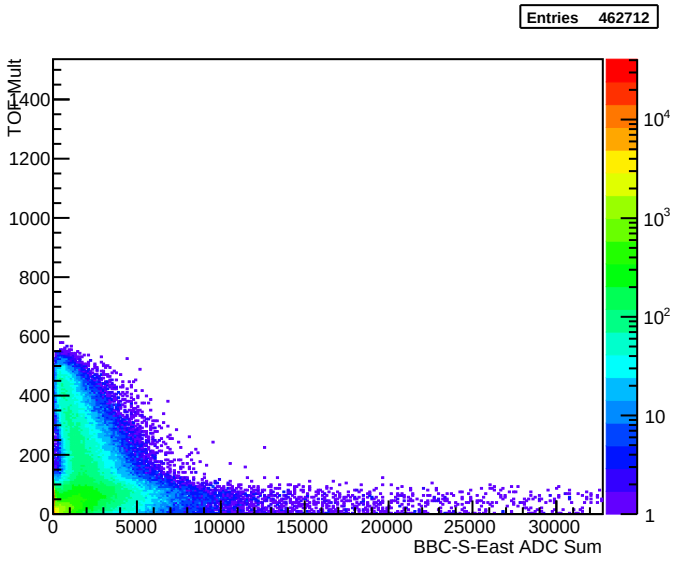

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

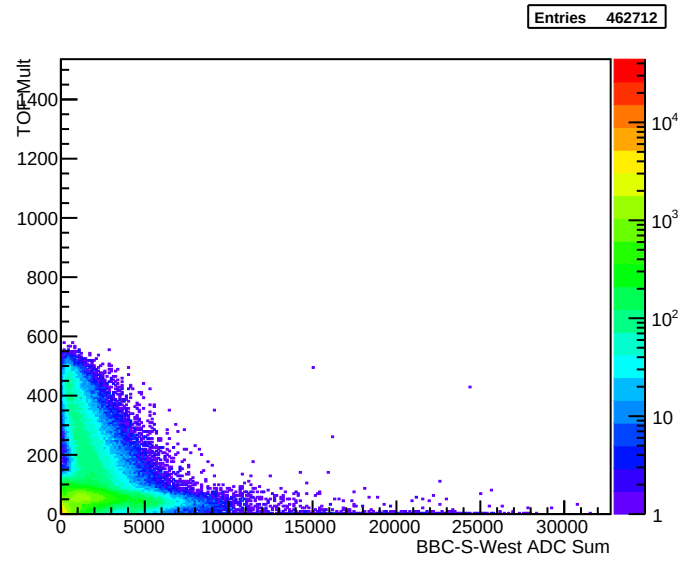

VT201 Input Ch4: VPD Tac Diff
Entries 462712
Tac

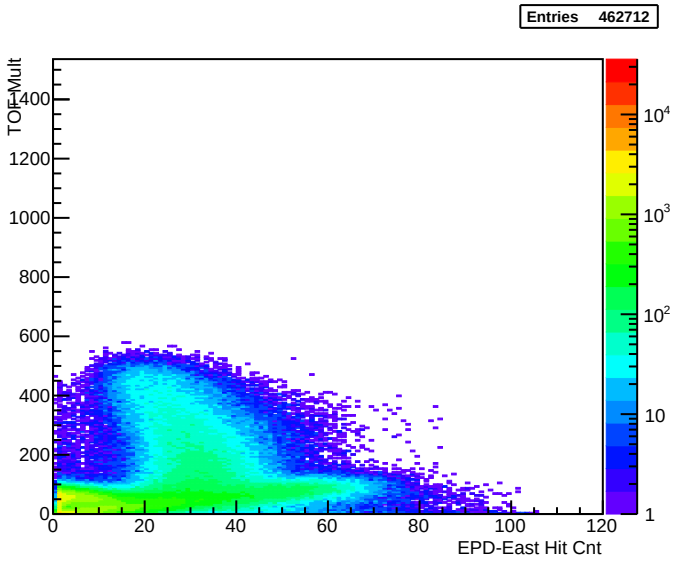

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

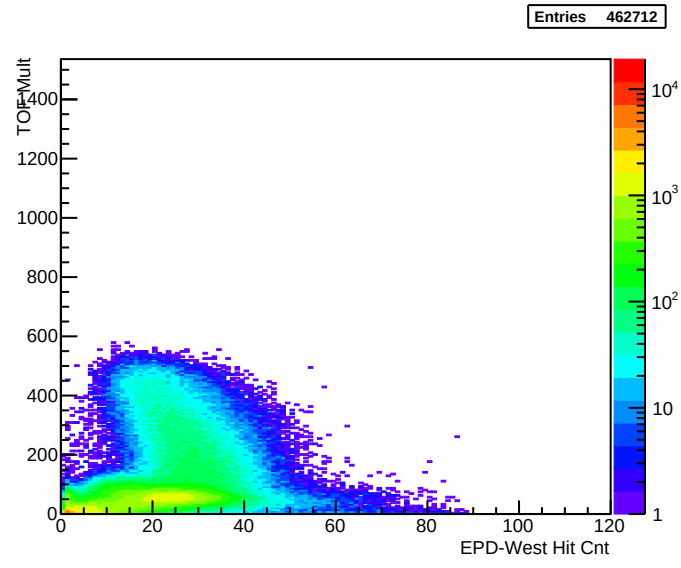

VT201 Input Ch4: VPD Adc Sum Th
Entries 925424
254613
362436
208099
100276
East
West

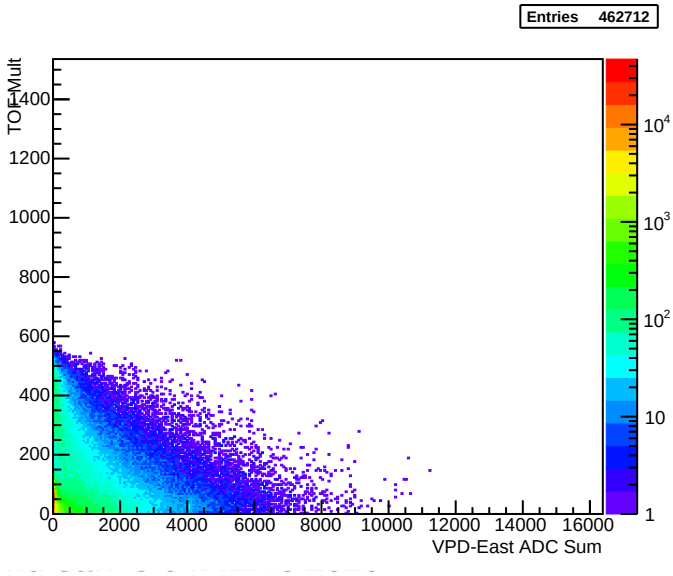

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

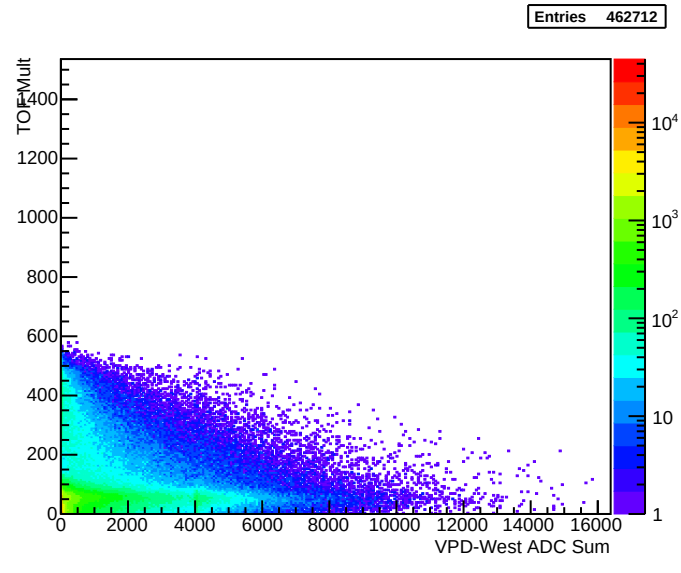

Entries 462712
TOF-Mult
BBC-S-East ADC Sum

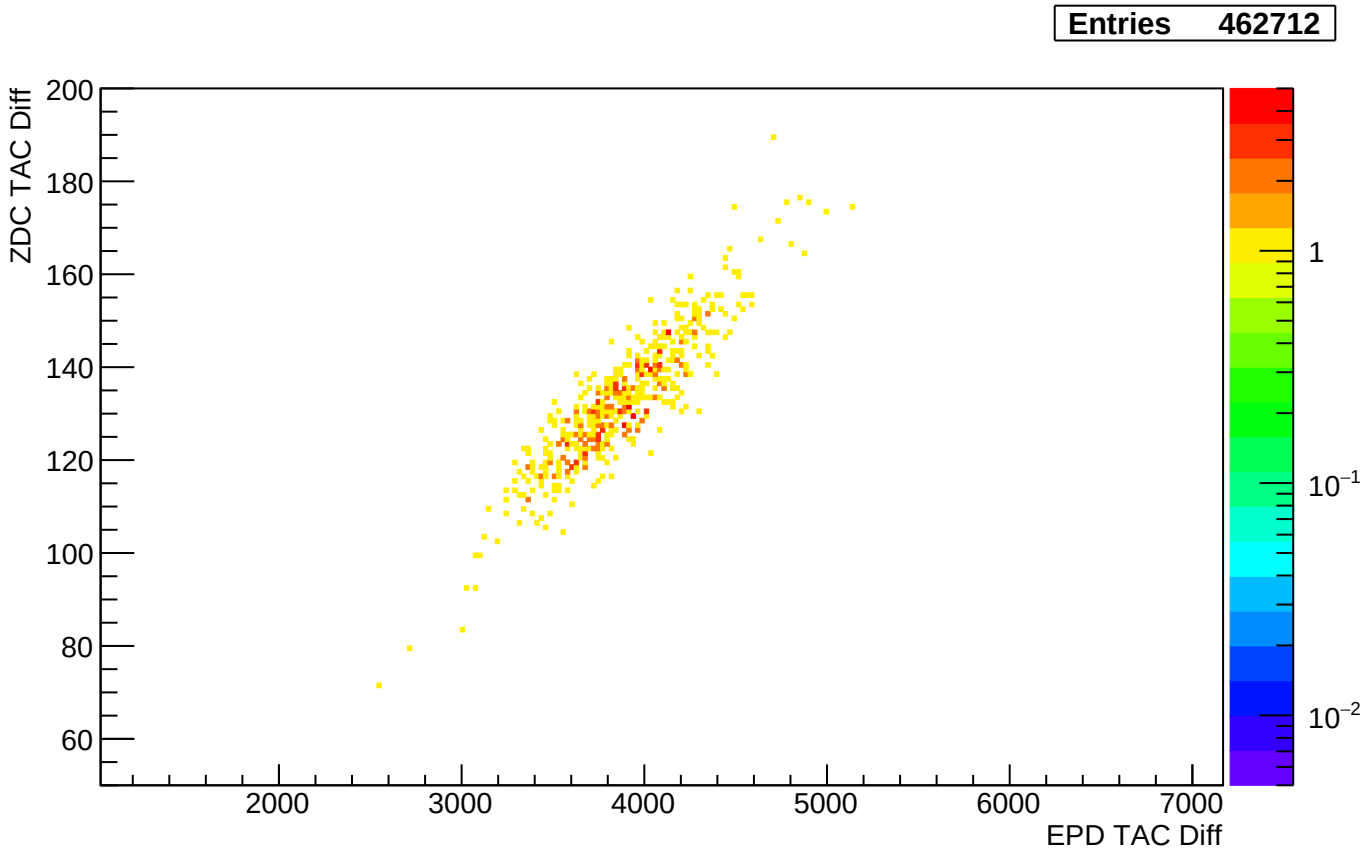

Entries 462712
TOF-Mult
BBC-S-West ADC Sum

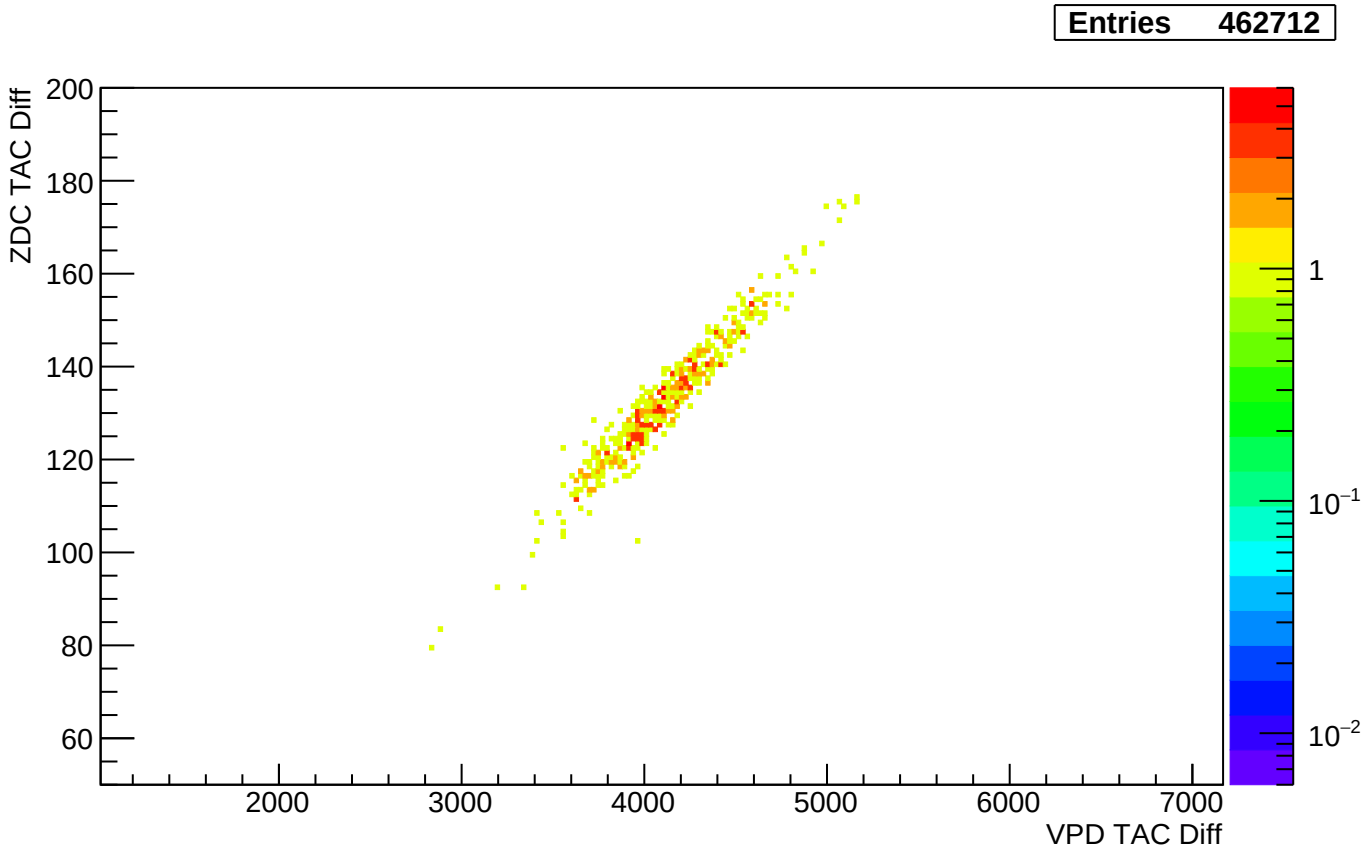

Entries 462712
TOF-Mult
EPD-East Hit Cnt

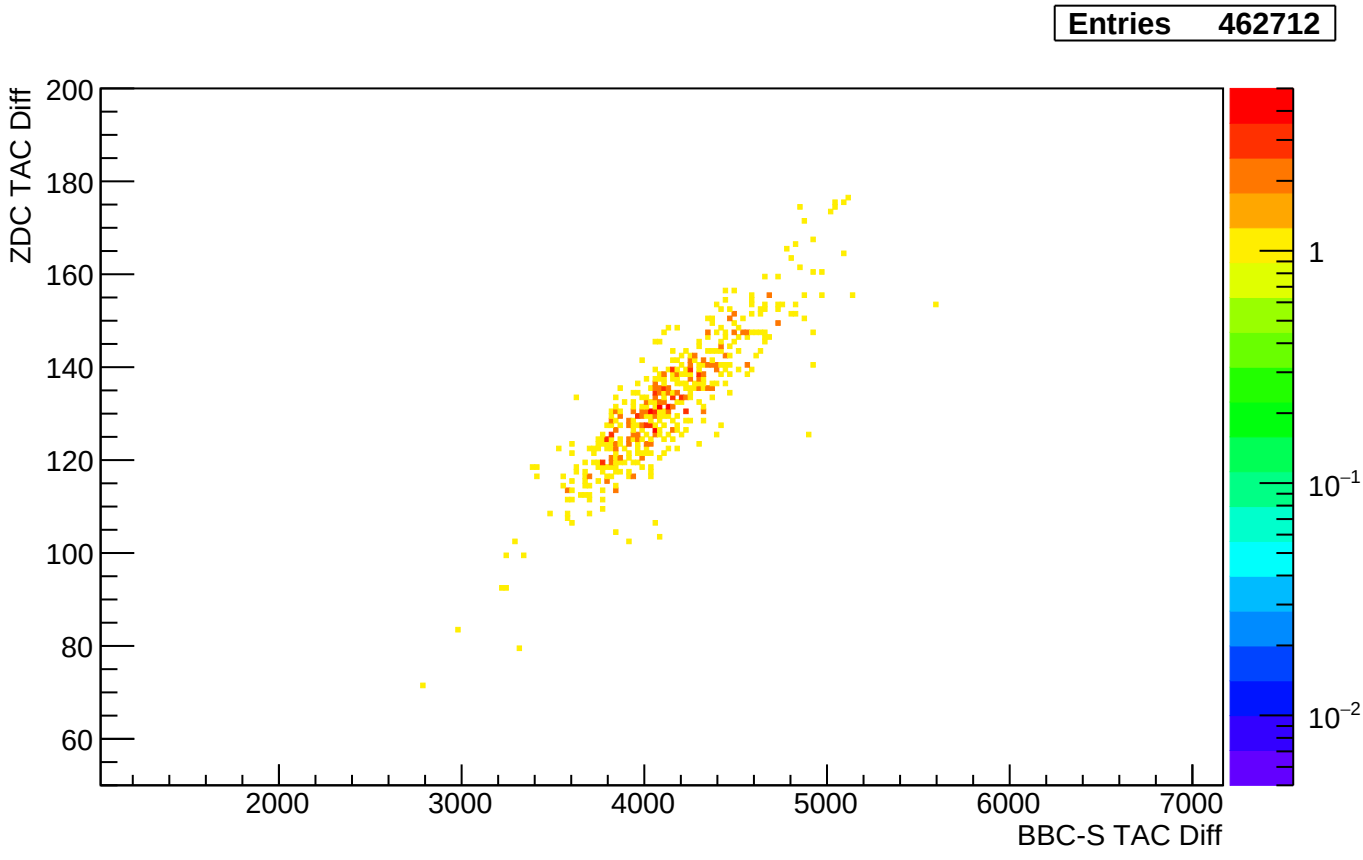

Entries 462712
TOF-Mult
EPD-West Hit Cnt

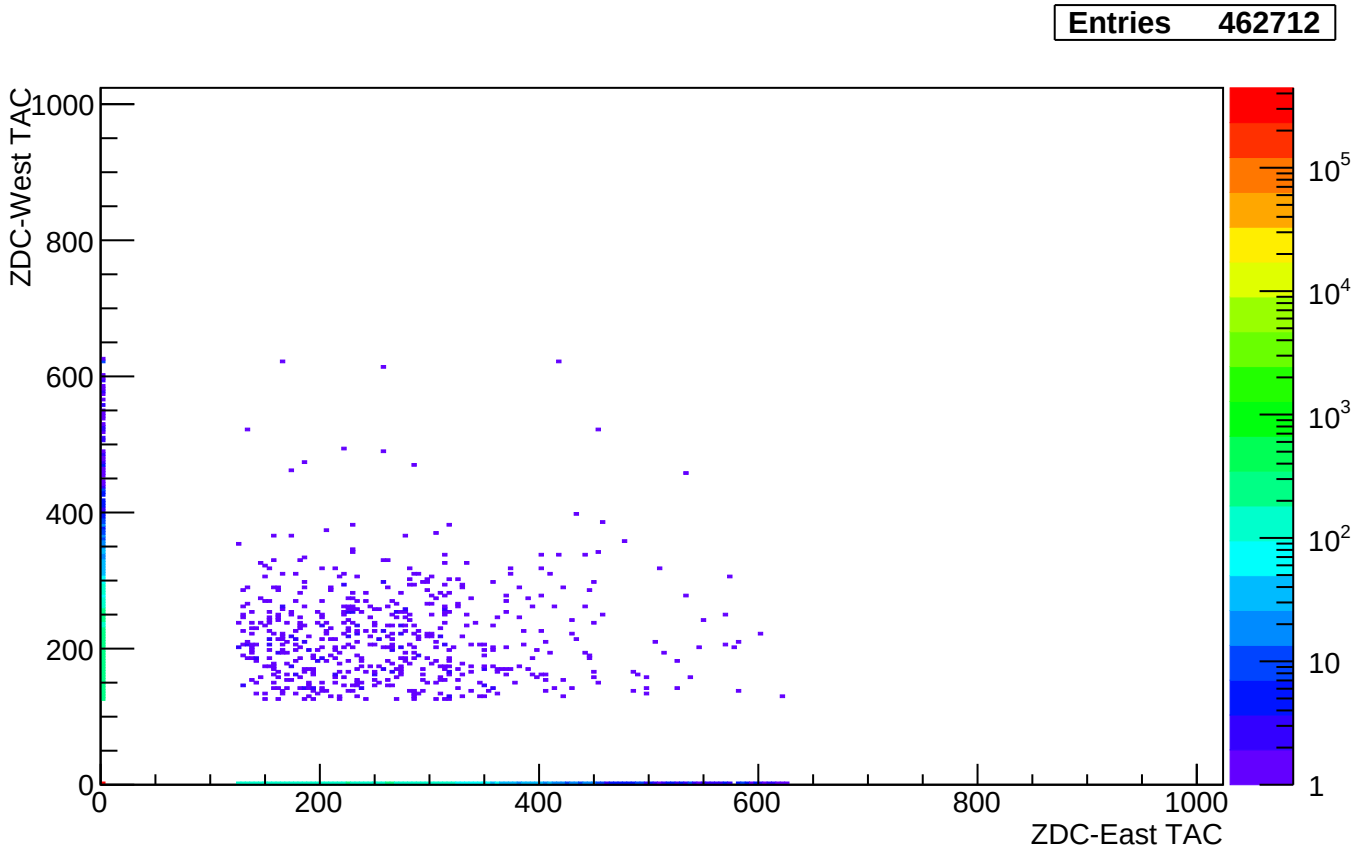

Entries 462712
TOF-Mult
VPD-East ADC Sum

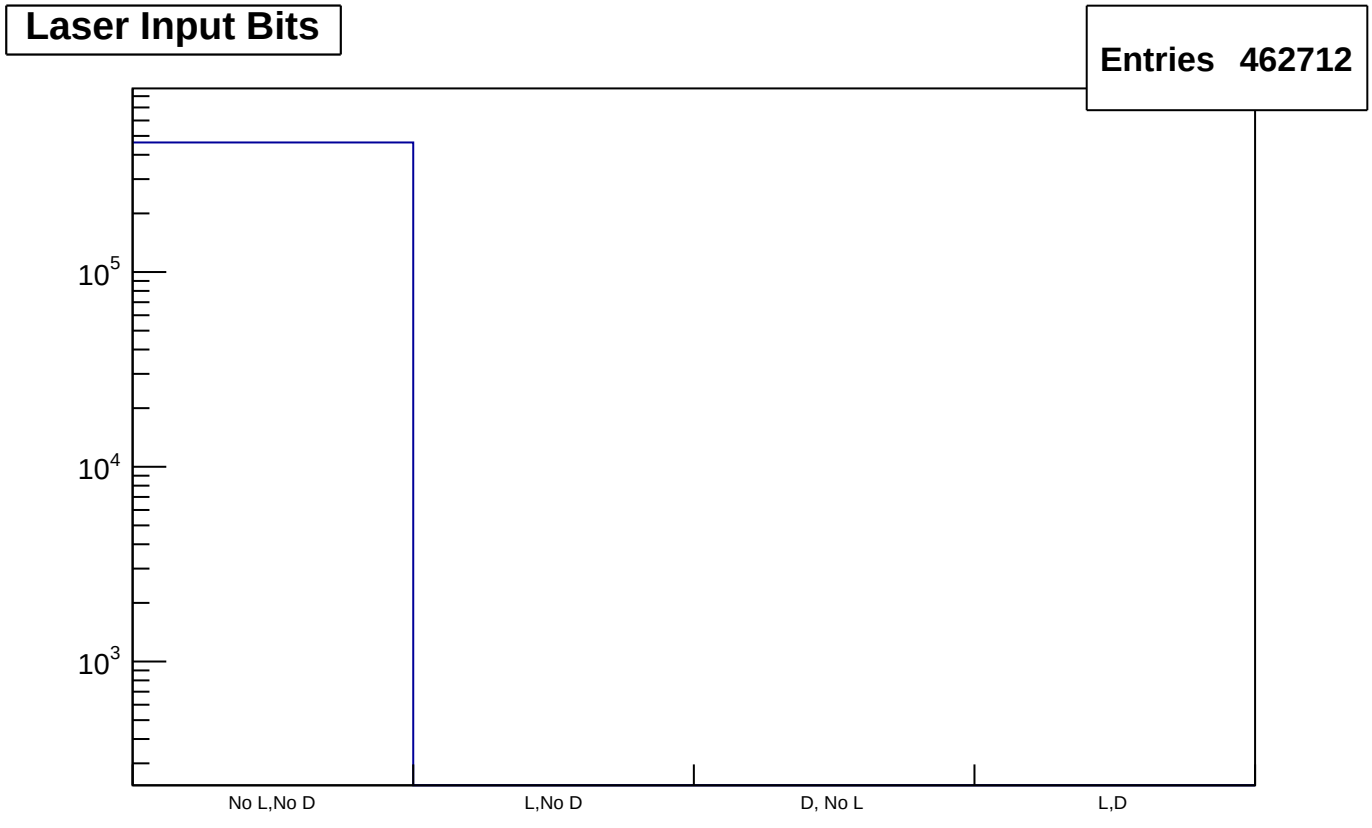

Entries 462712
TOF-Mult
VPD-West ADC Sum

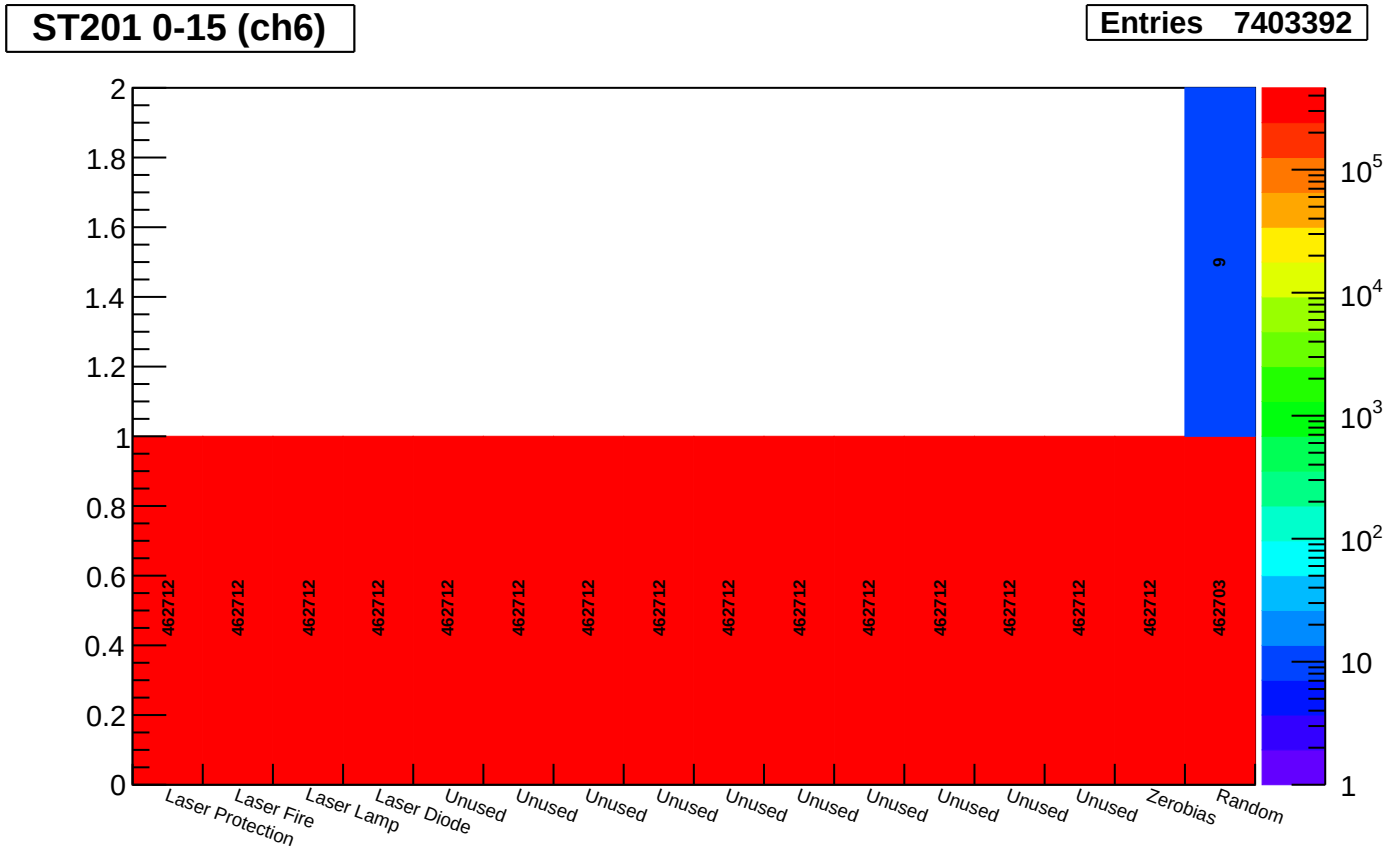

Entries 462712
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

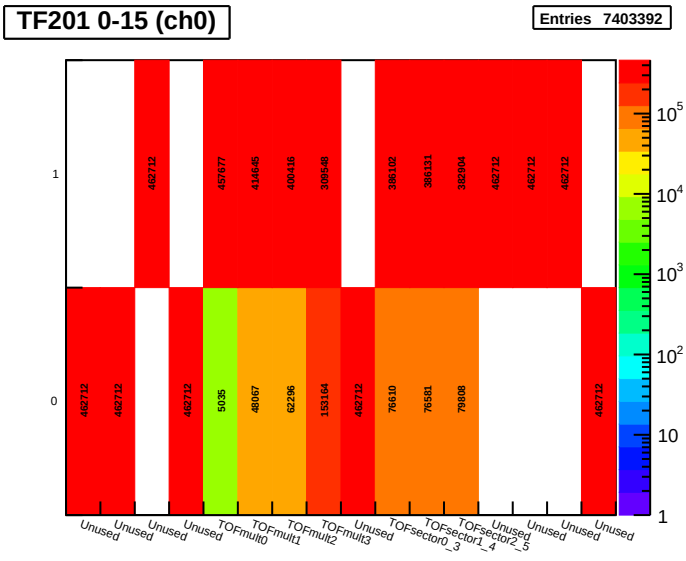

Entries 462712
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

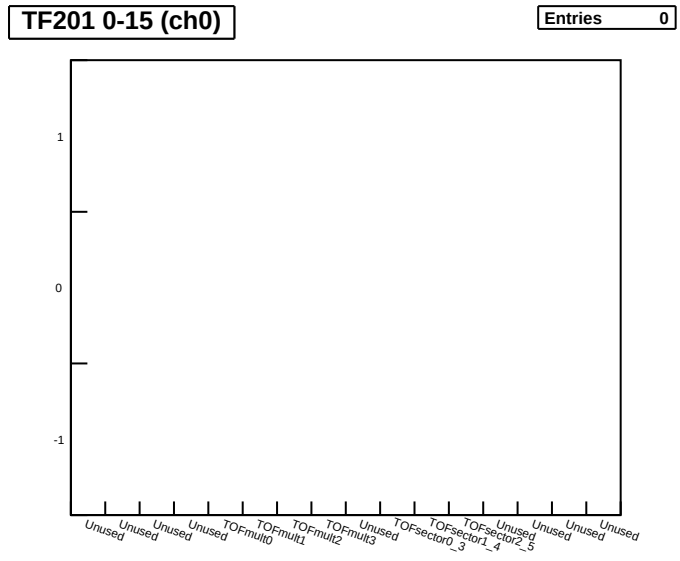

Entries 462712
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

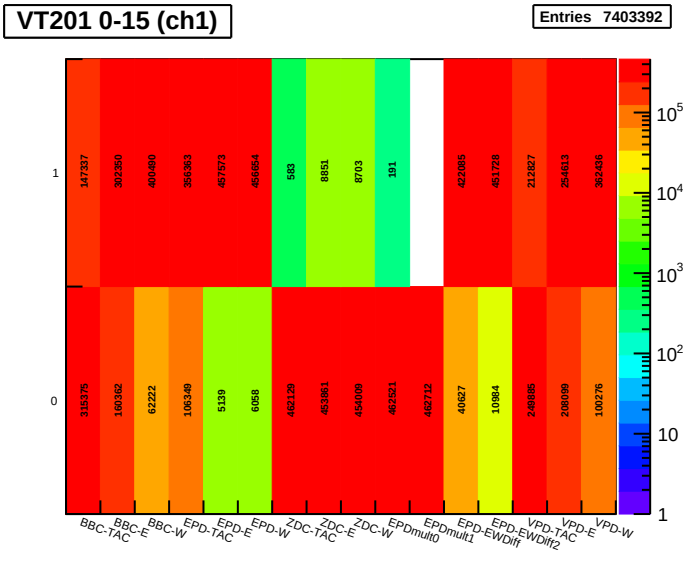

Entries 462712
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

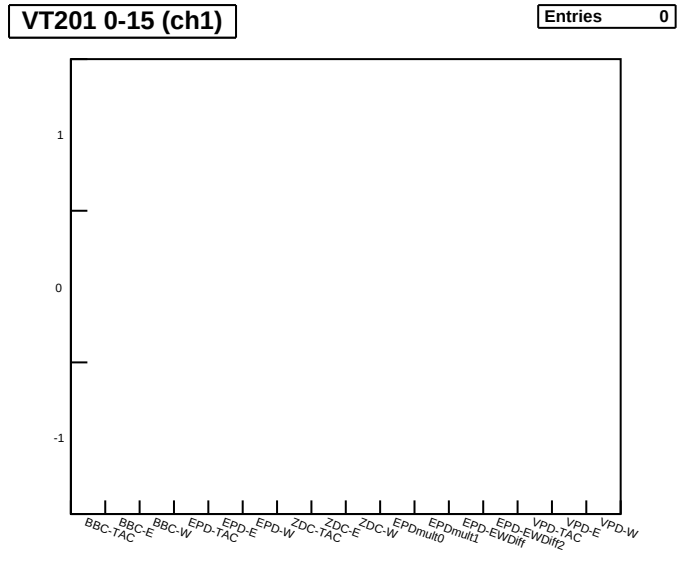

Laser Input Bits
Entries 462712
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

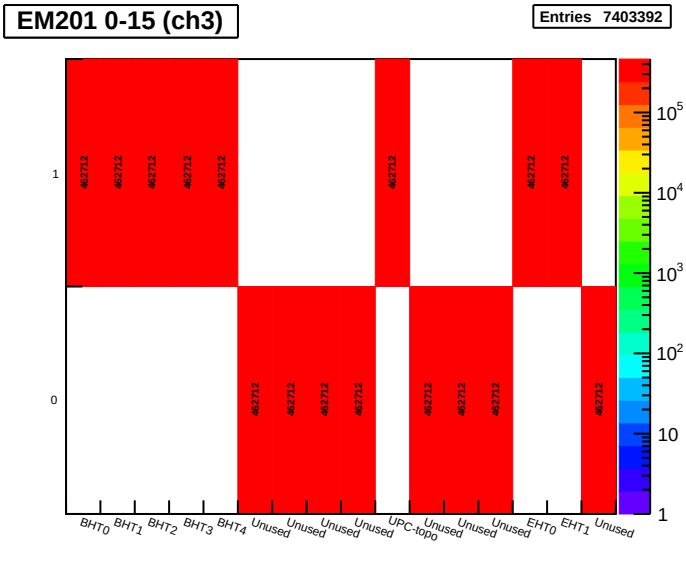

ST201 0-15 (ch6)
Entries 7403392
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
462712
462703
9
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

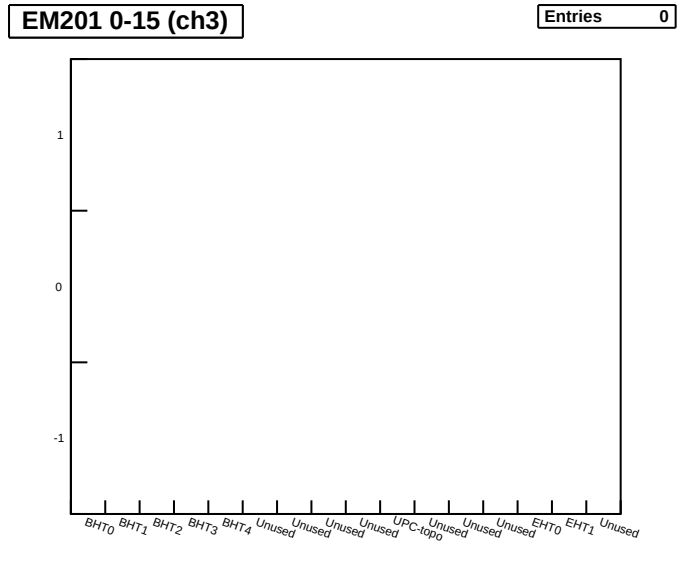

TF201 0-15 (ch0)
Entries 7403392
1
0
462712
457677
414645
400416
309548
386102
386131
382904
462712
462712
462712
462712
462712
462712
5035
49067
62296
153164
462712
76610
76581
79808
462712
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7403392
1
0
147337
302350
400490
356363
457573
456654
583
8951
8703
191
422065
451728
212827
254613
362436
315375
160362
62222
106349
5139
6058
462129
453861
454009
462521
462712
40627
10984
248885
208099
100276
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 7403392
1
0
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
462712
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