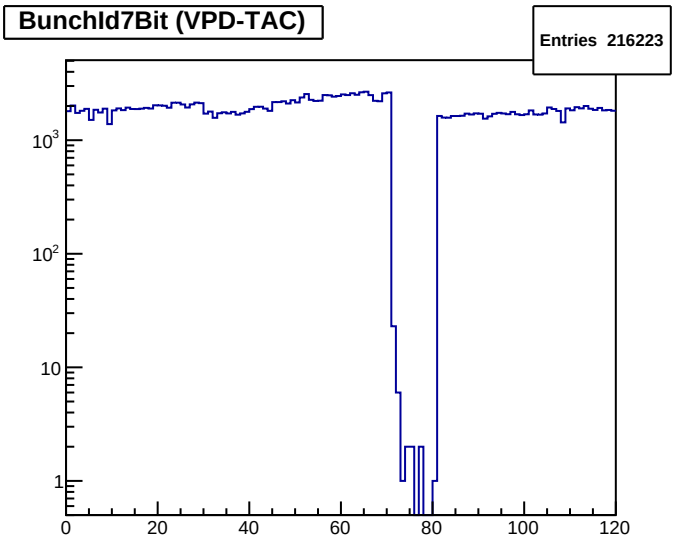
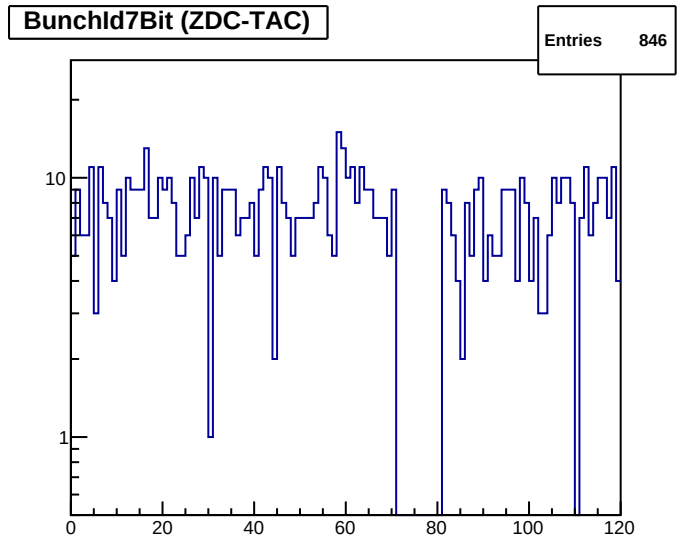
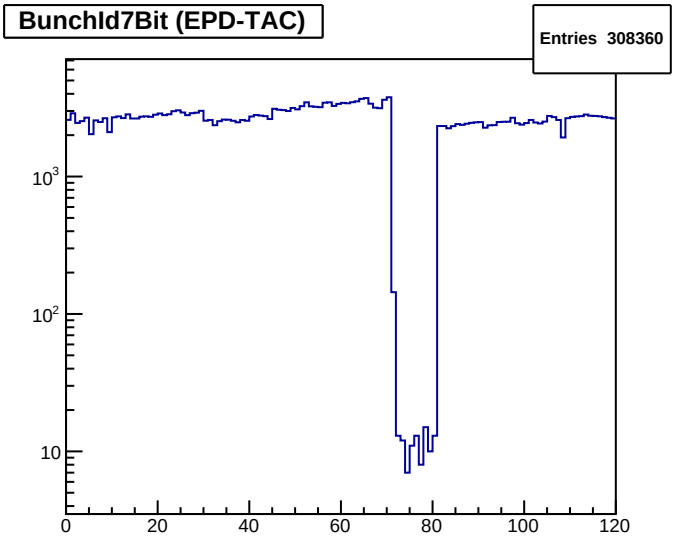
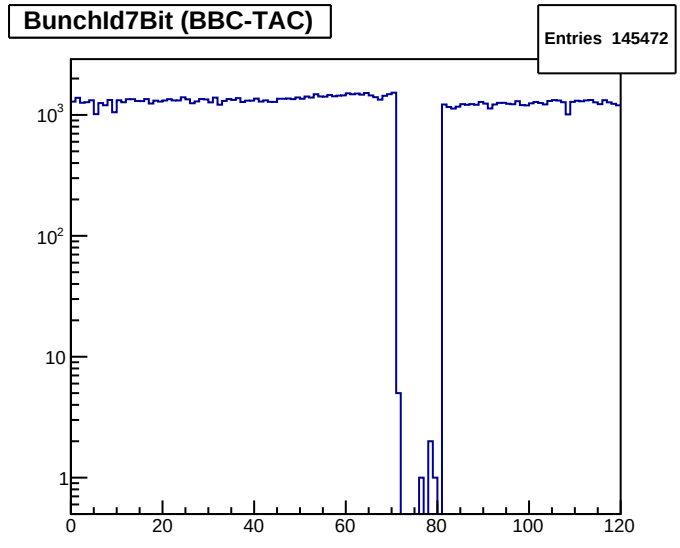
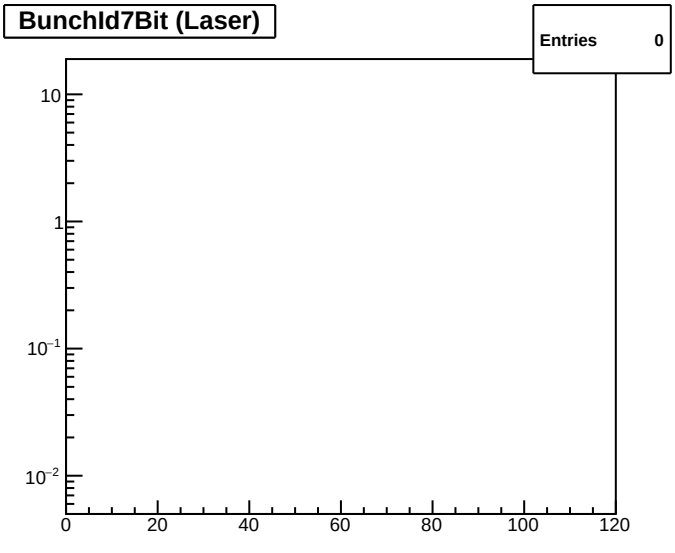
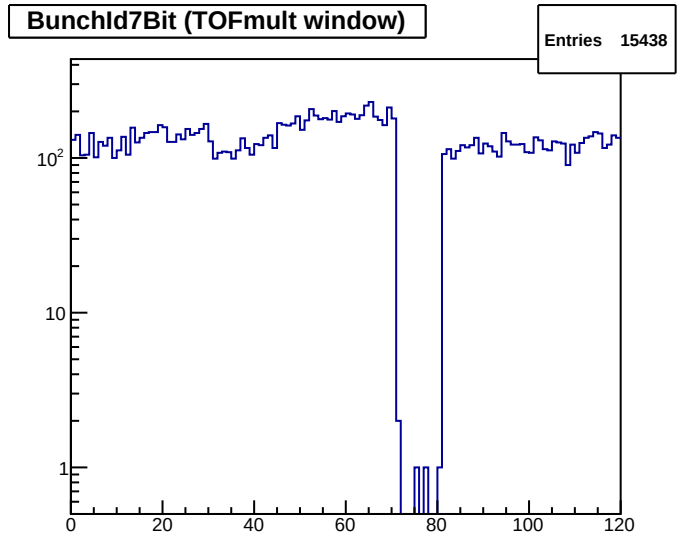

BunchId7Bit (VPD-TAC)
Entries 216223

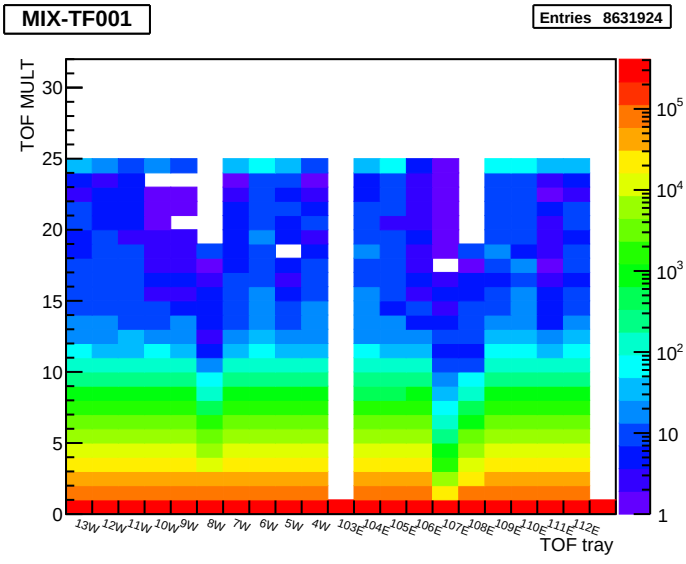

BunchId7Bit (ZDC-TAC)
Entries 846

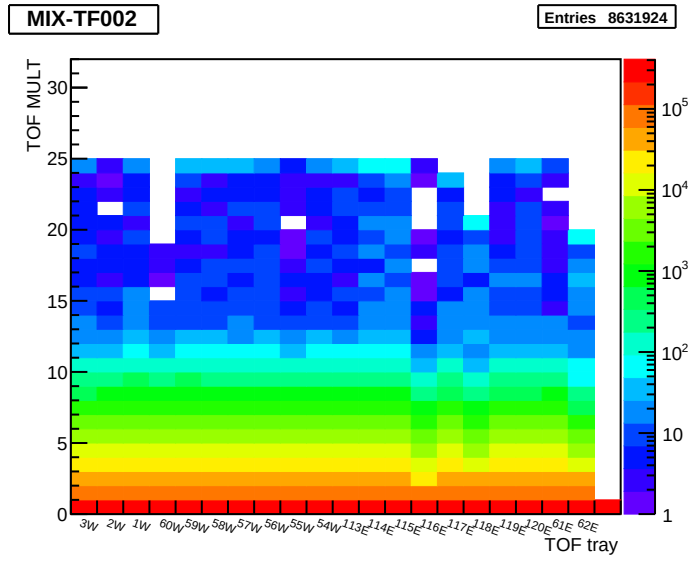

BunchId7Bit (EPD-TAC)
Entries 308360

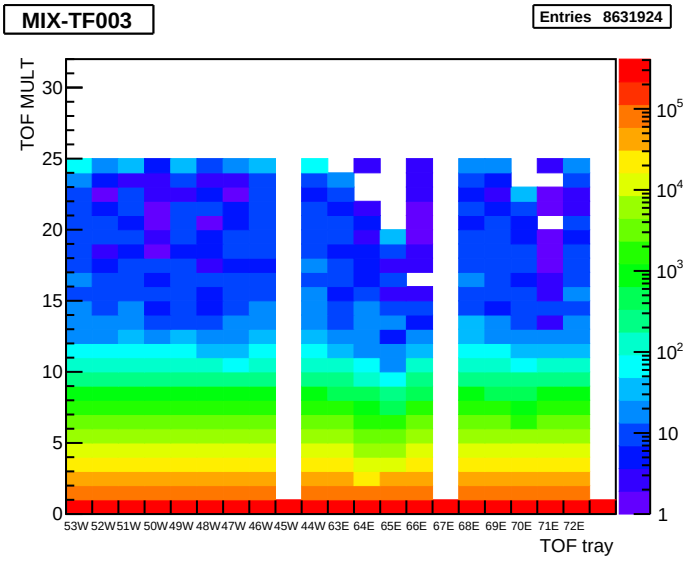

BunchId7Bit (BBC-TAC)
Entries 145472

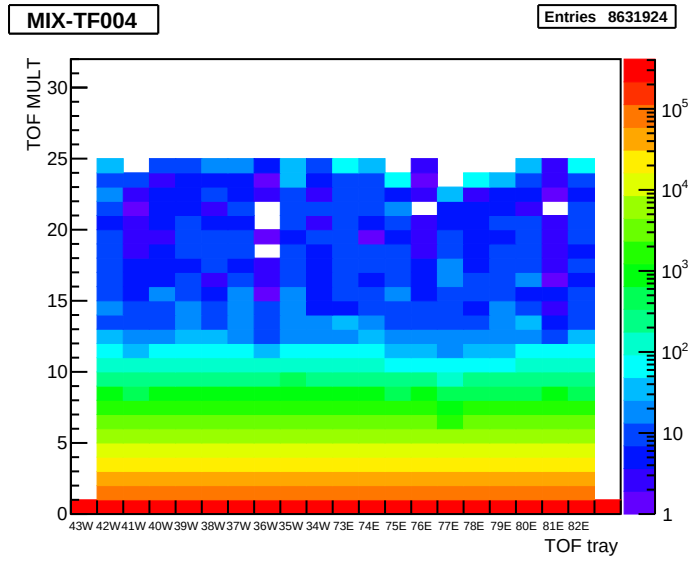

BunchId7Bit (Laser)
Entries 0

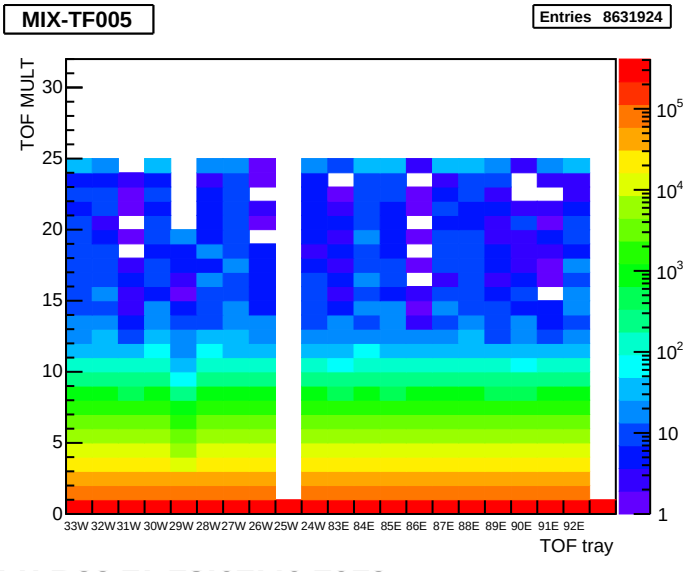

BunchId7Bit (TOFmult window)
Entries 15438

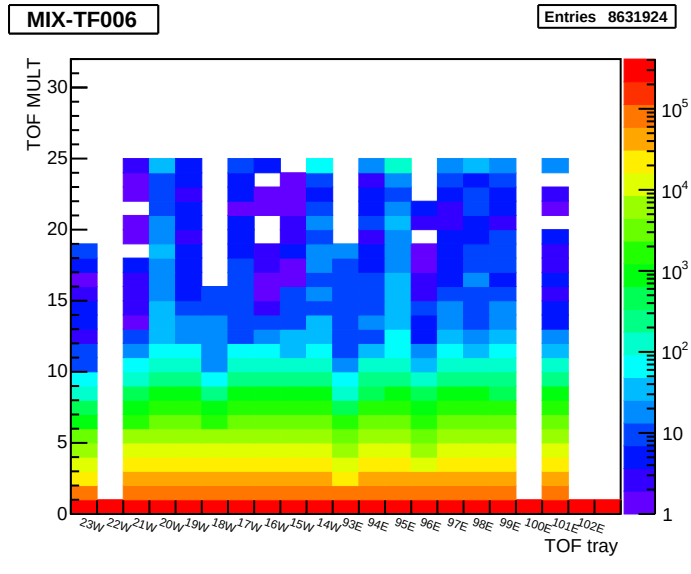

MIX-TF001
Entries 8631924
TOF MULT
TOF tray

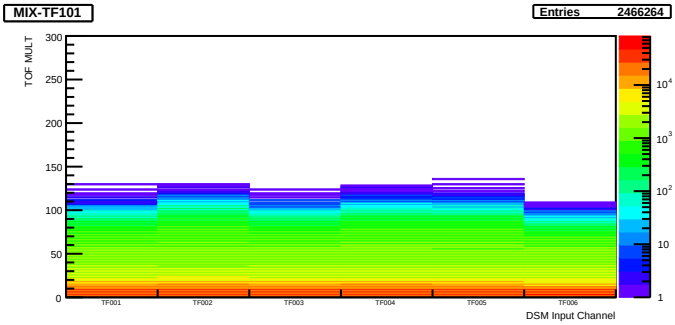

MIX-TF002
Entries 8631924
TOF MULT
TOF tray

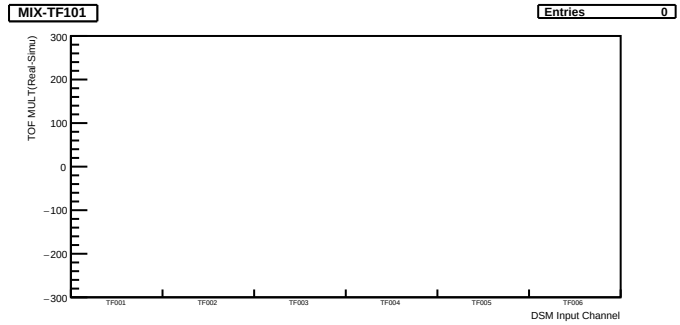

MIX-TF003
Entries 8631924
TOF MULT
TOF tray

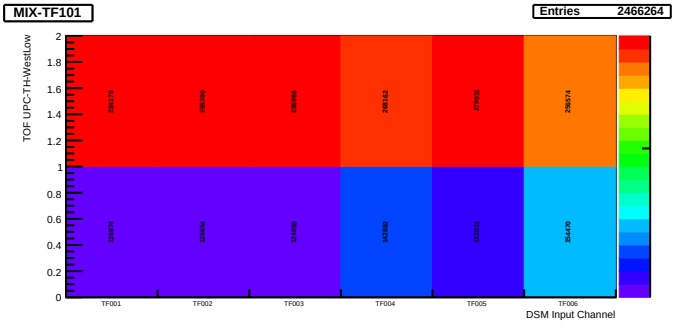

MIX-TF004
Entries 8631924
TOF MULT
TOF tray

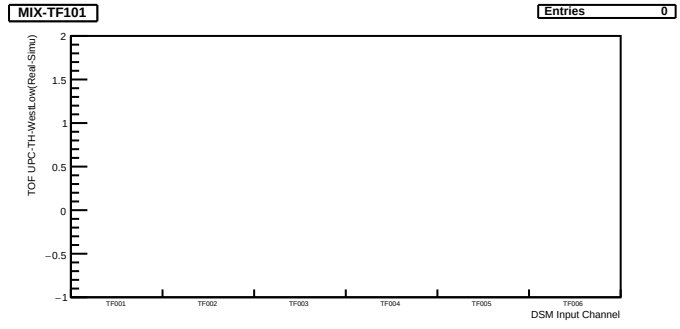

MIX-TF005
Entries 8631924
TOF MULT
TOF tray

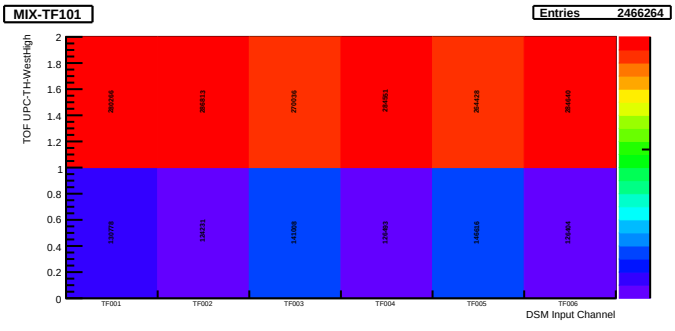

MIX-TF006
Entries 8631924
TOF MULT
TOF tray

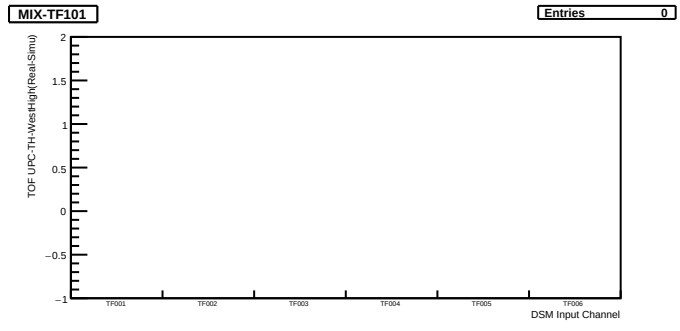

MIX-TF101
Entries 2466264
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

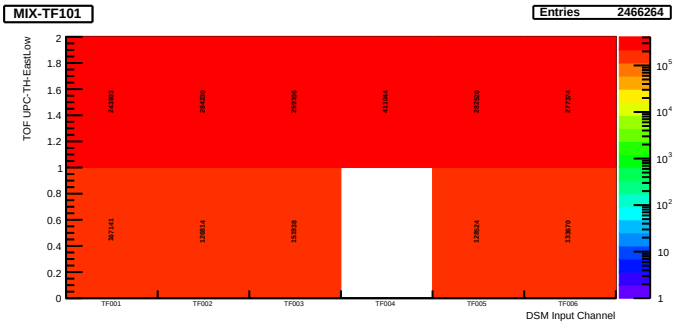

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

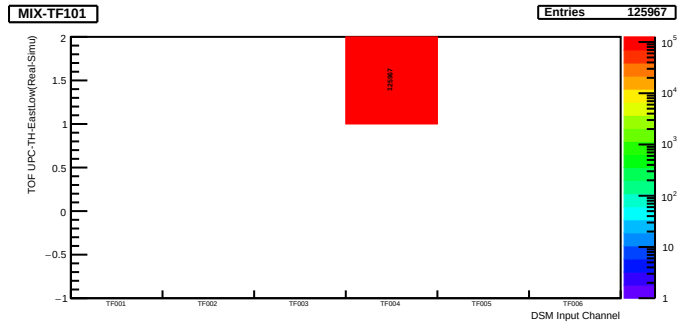

MIX-TF101
Entries 2466264
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

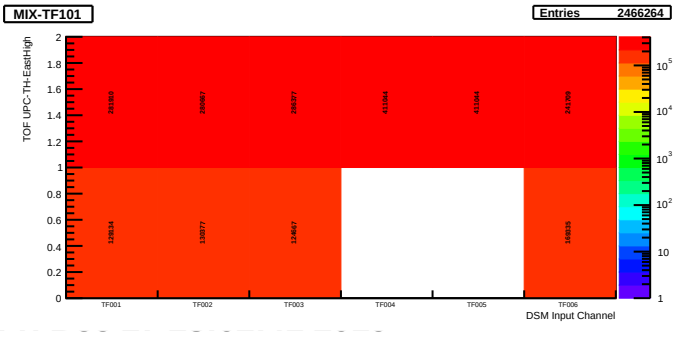

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

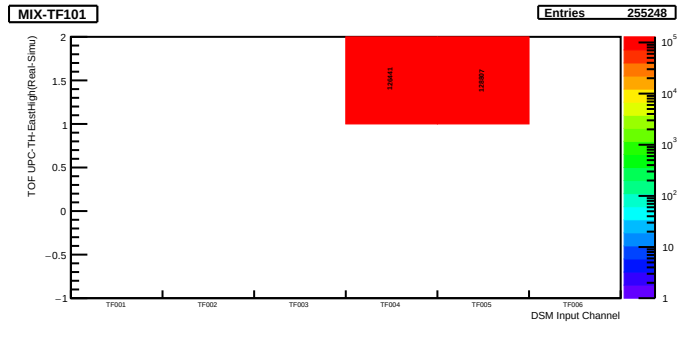

MIX-TF101
Entries 2466264
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

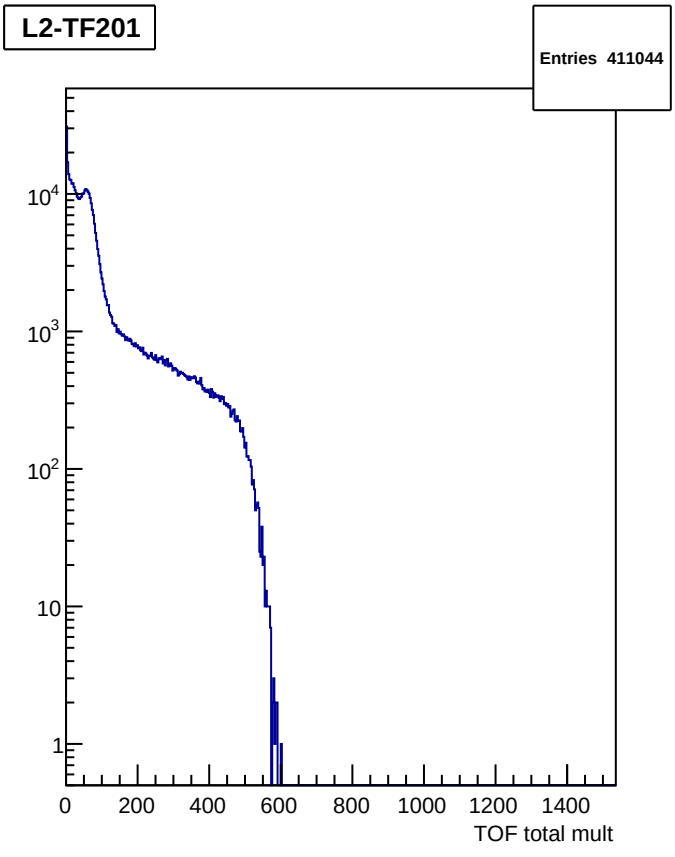

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

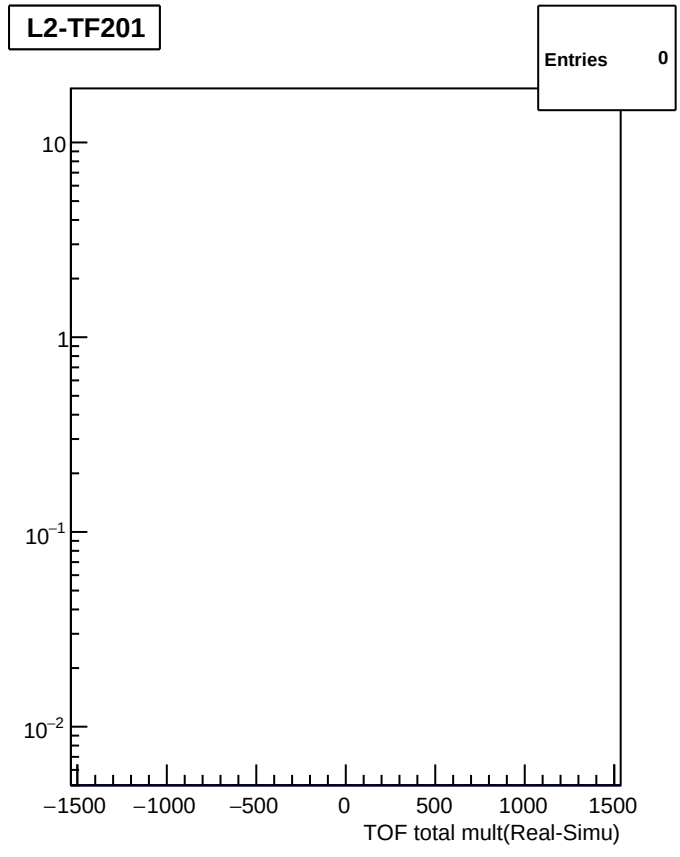

MIX-TF101
Entries 2466264
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

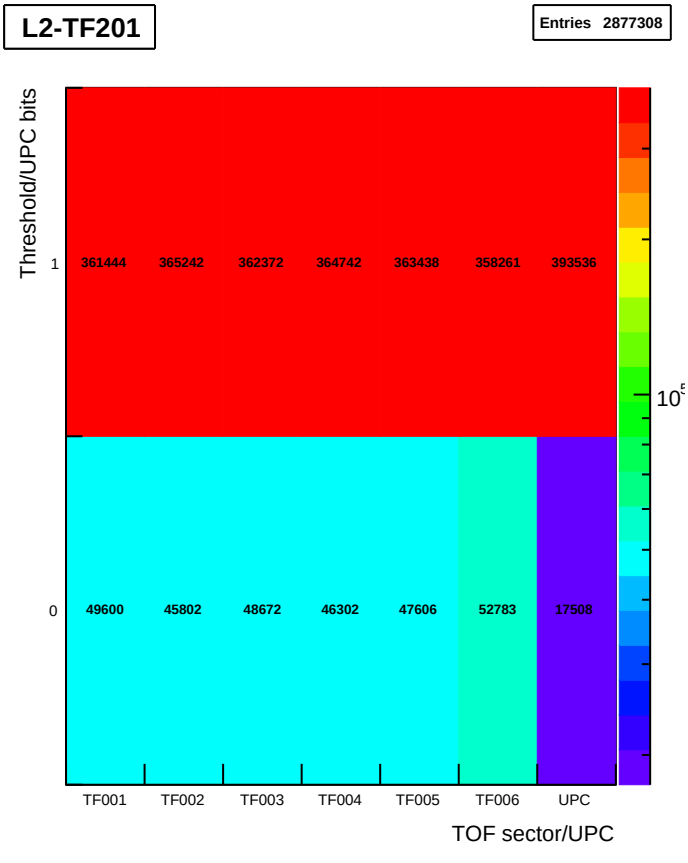

MIX-TF101
Entries 125967
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

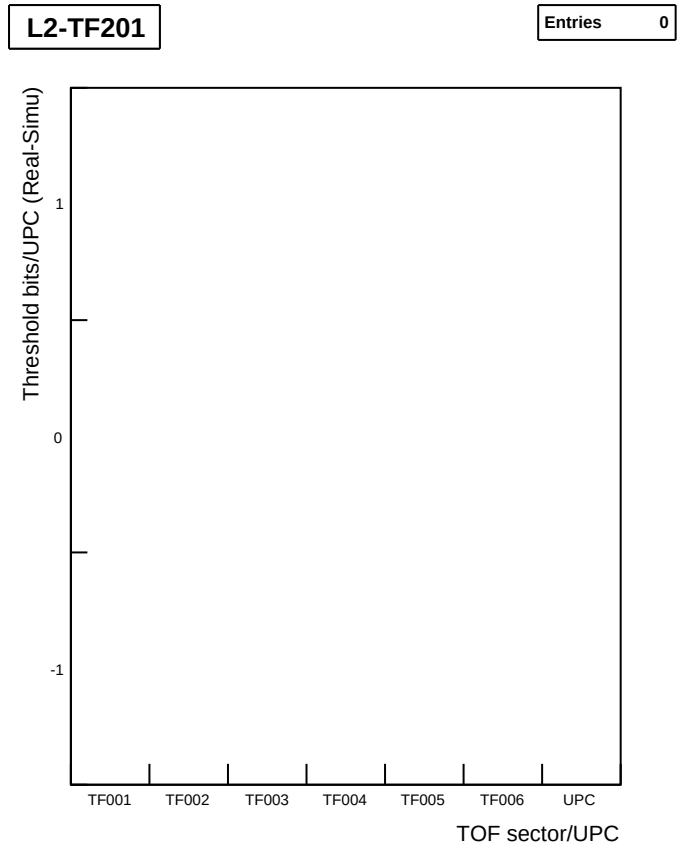

MIX-TF101
Entries 2466264
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

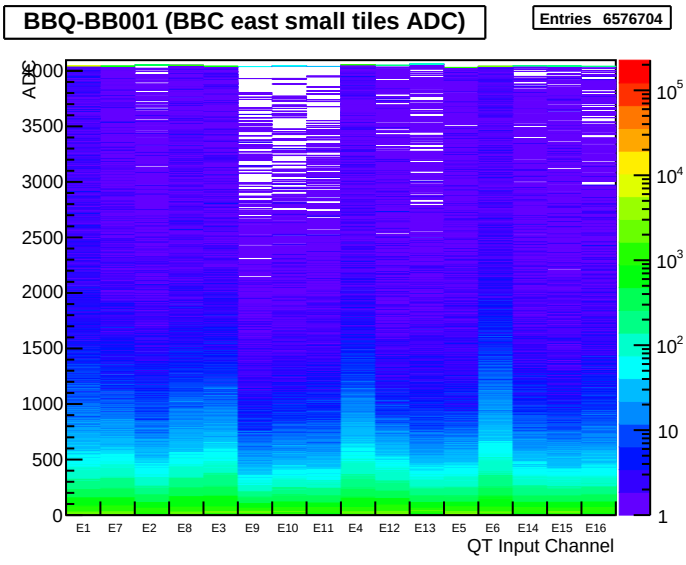

MIX-TF101
Entries 255248
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

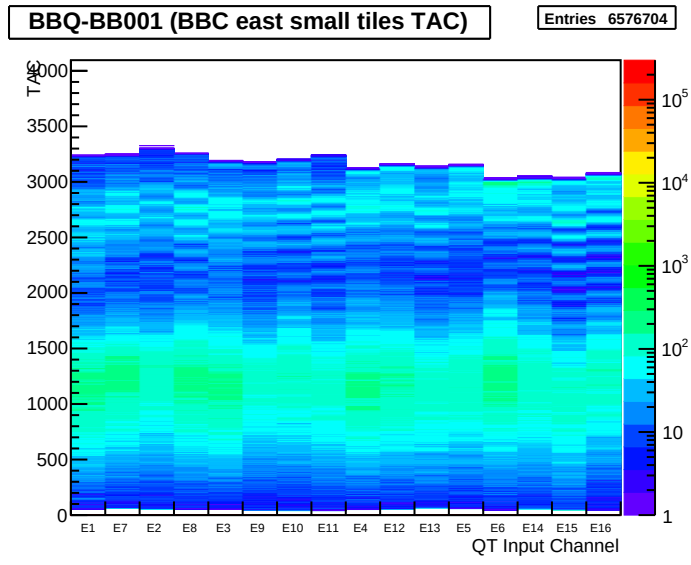

L2-TF201
Entries 411044
TOF total mult

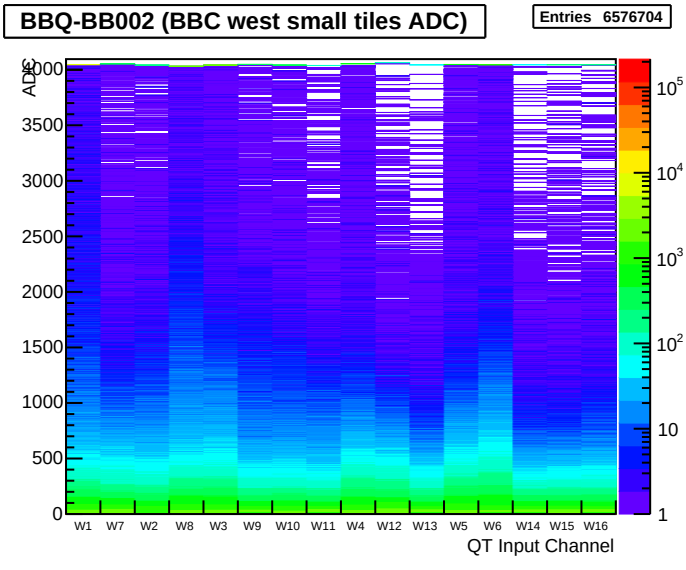

L2-TF201
Entries 0
TOF total mult(Real-Simu)

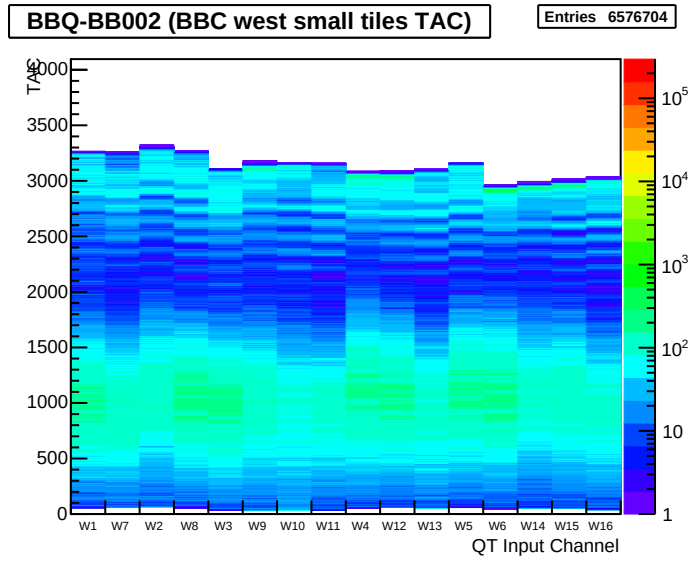

L2-TF201
Entries 2877308
Threshold/UPC bits
361444
365242
362372
364742
363438
358261
393536
49600
45802
48672
46302
47606
52783
17508
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

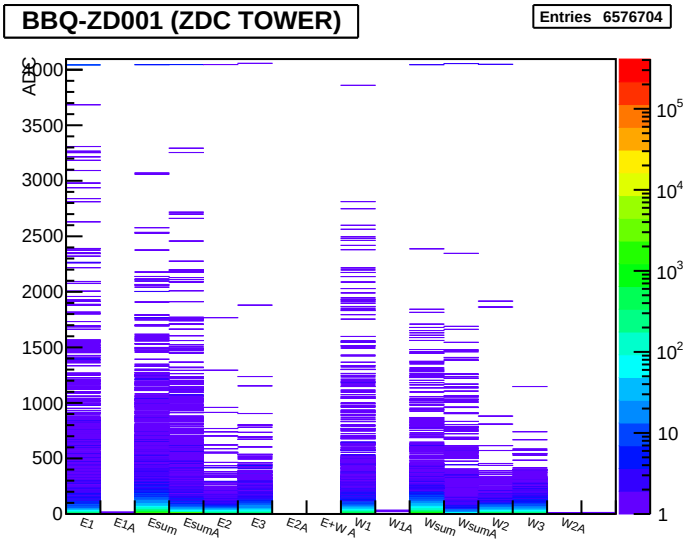

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

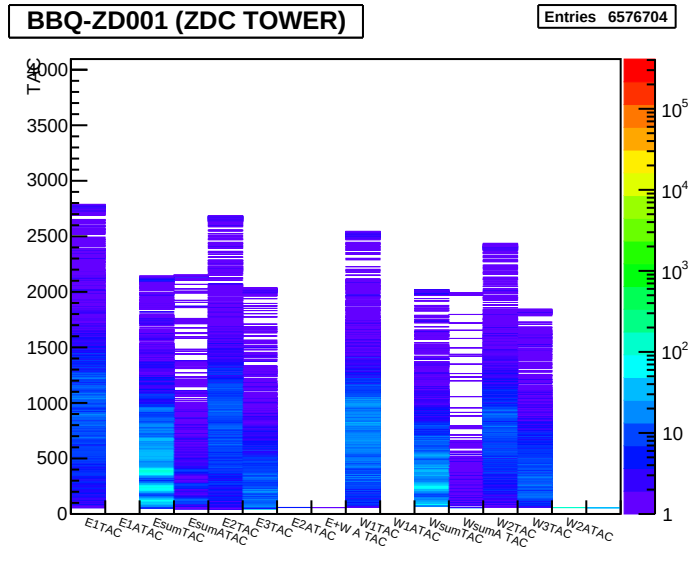

BBQ-BB001 (BBC east small tiles ADC)
Entries 6576704
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

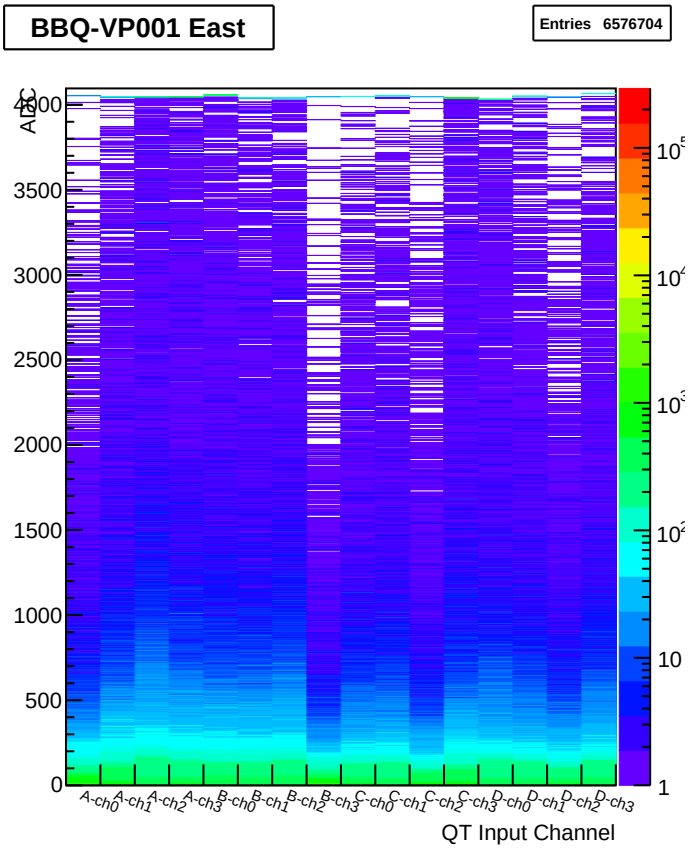

BBQ-BB001 (BBC east small tiles TAC)
Entries 6576704
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

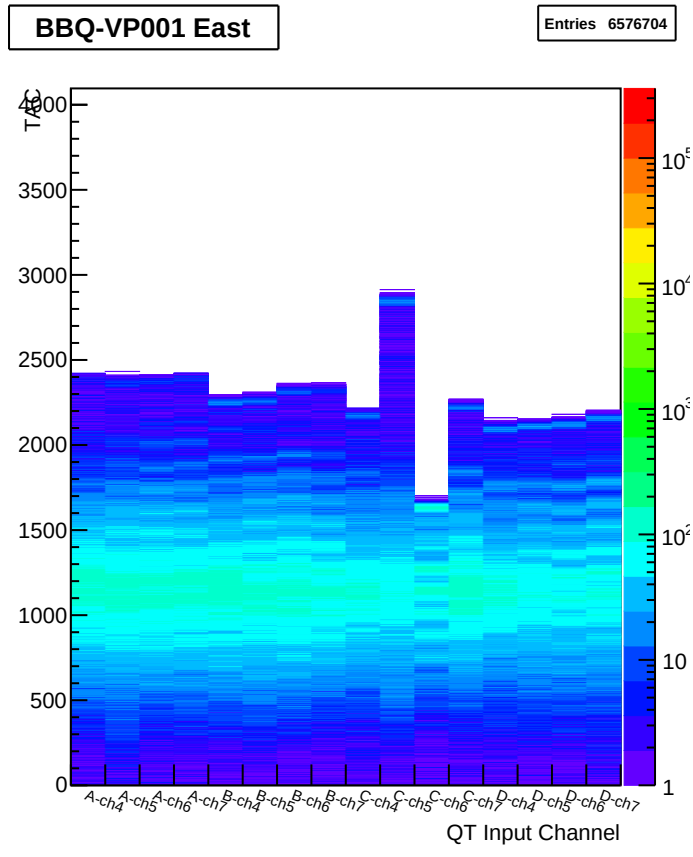

BBQ-BB002 (BBC west small tiles ADC)
Entries 6576704
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

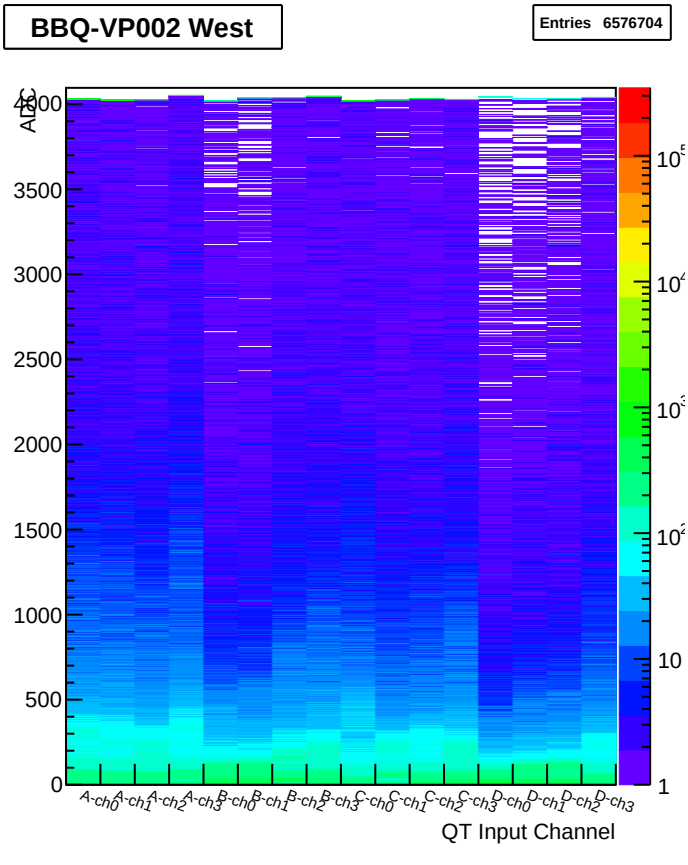

BBQ-BB002 (BBC west small tiles TAC)
Entries 6576704
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

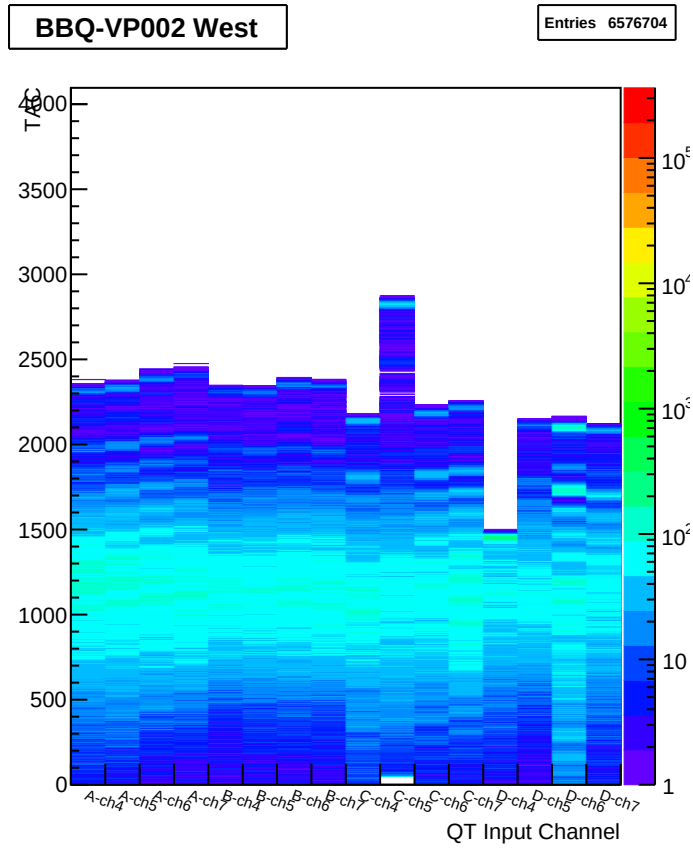

BBQ-ZD001 (ZDC TOWER)
Entries 6576704
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

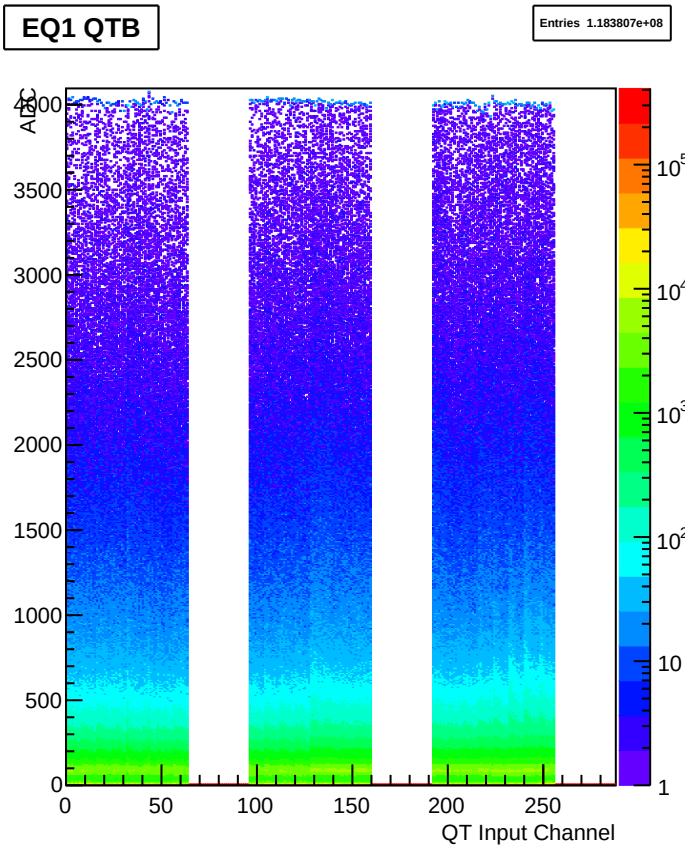

BBQ-ZD001 (ZDC TOWER)
Entries 6576704
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

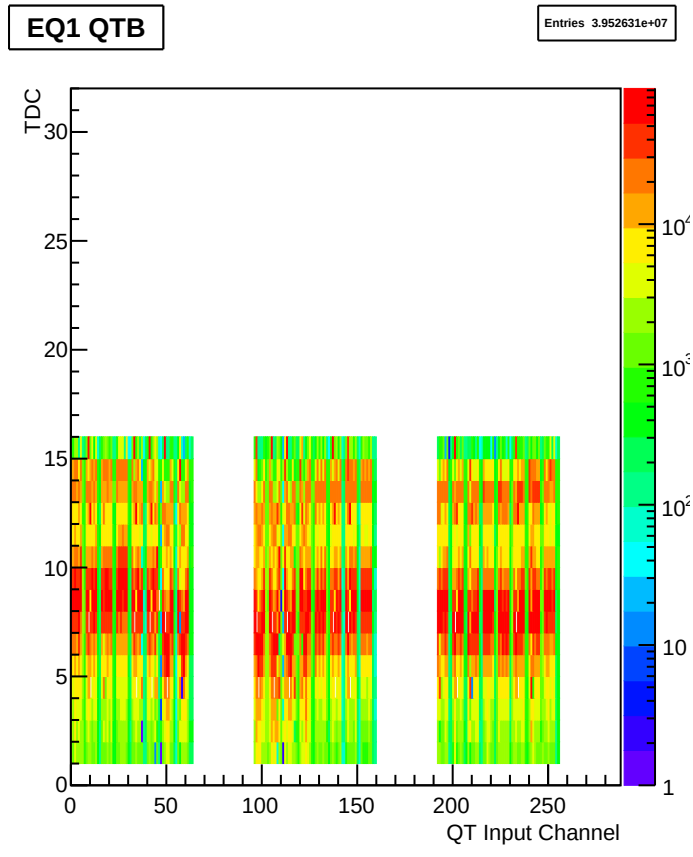

BBQ-VP001 East
Entries 6576704
ADC
QT Input Channel

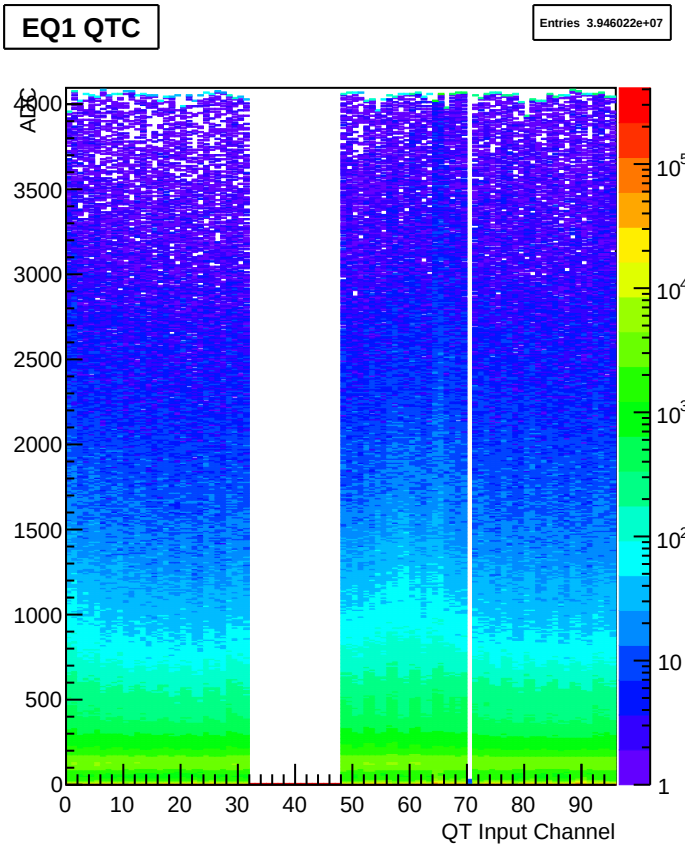

BBQ-VP001 East
Entries 6576704
ADC
QT Input Channel

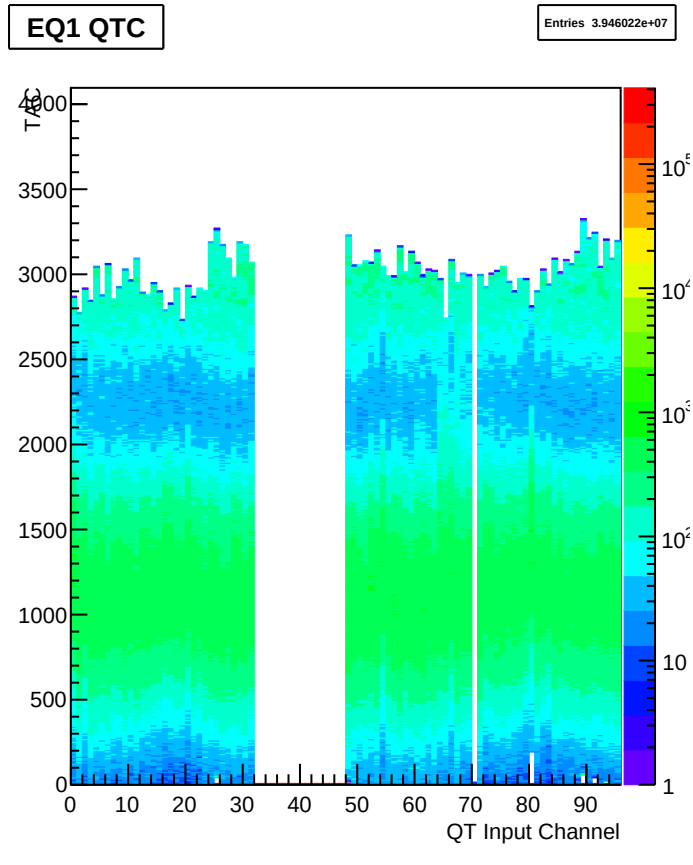

BBQ-VP002 West
Entries 6576704
ADC
QT Input Channel

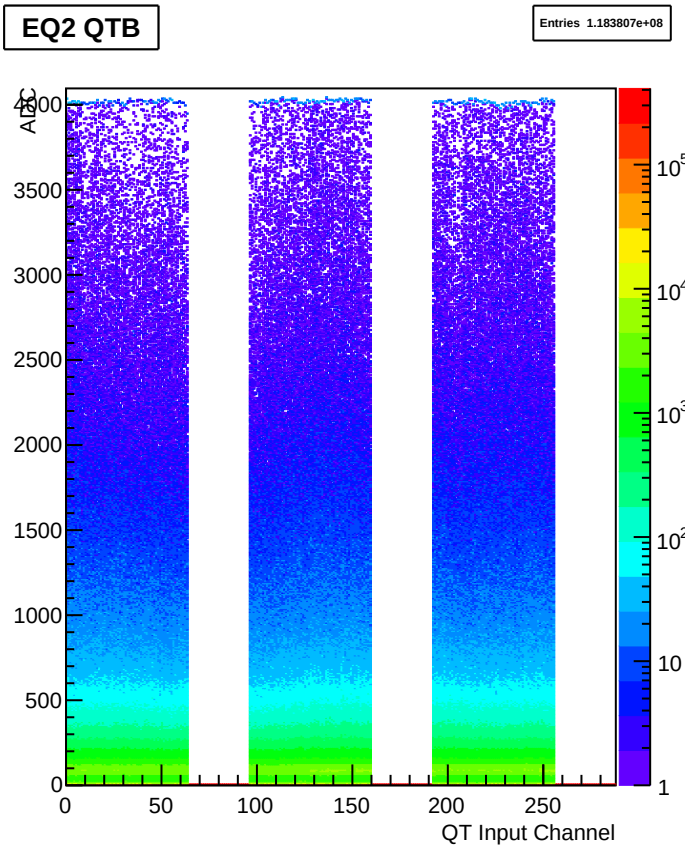

BBQ-VP002 West
Entries 6576704
ADC
QT Input Channel

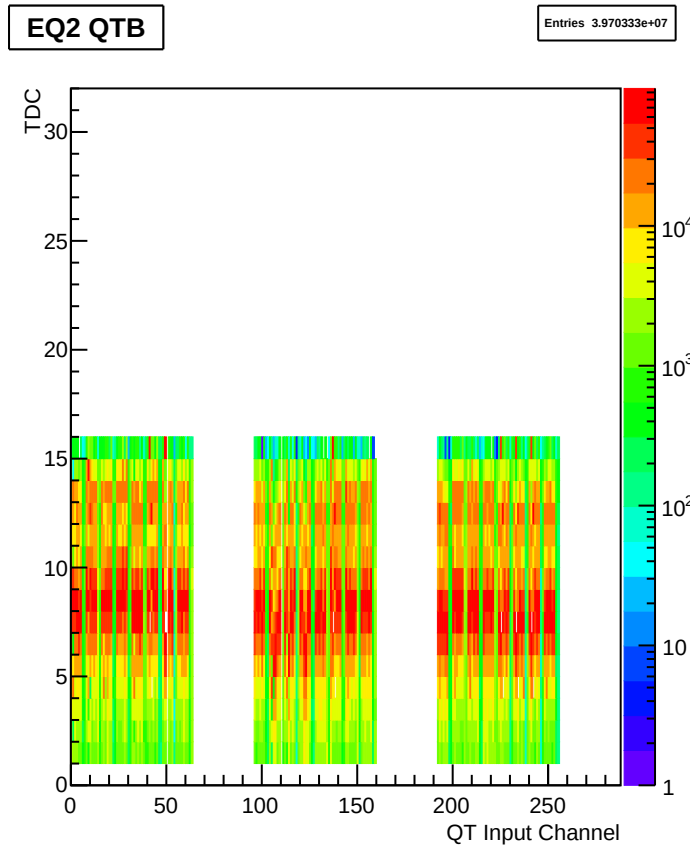

EQ1 QTB
Entries 1.183807e+08
ADC
QT Input Channel

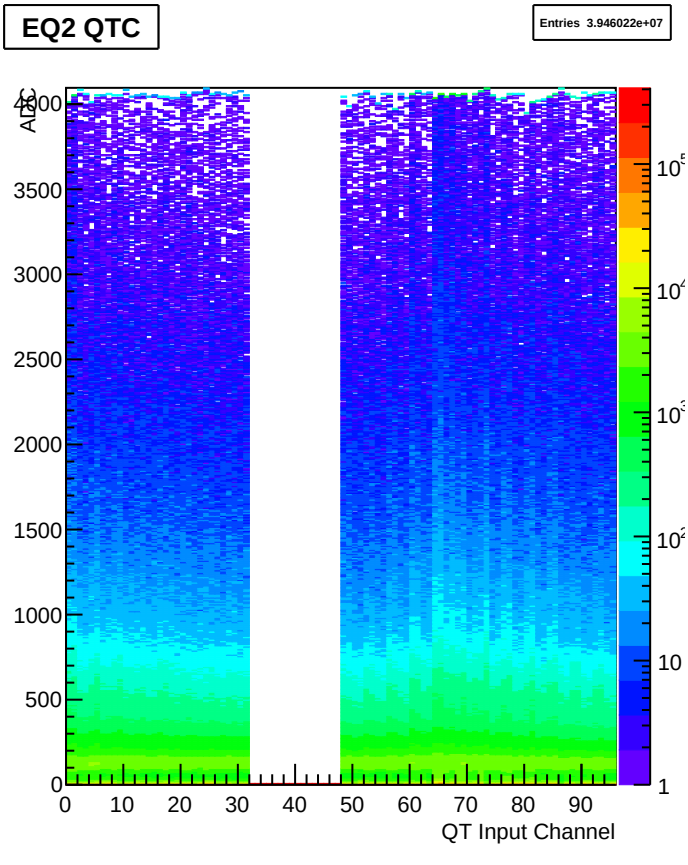

EQ1 QTB
Entries 3.952631e+07
TDC
QT Input Channel

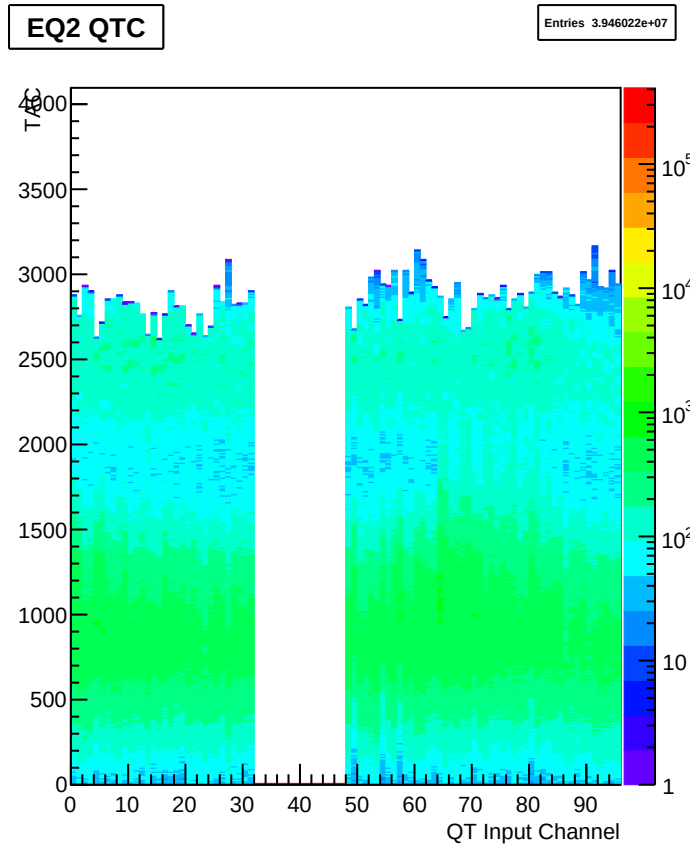

EQ1 QTC
Entries 3.946022e+07
ADC
QT Input Channel

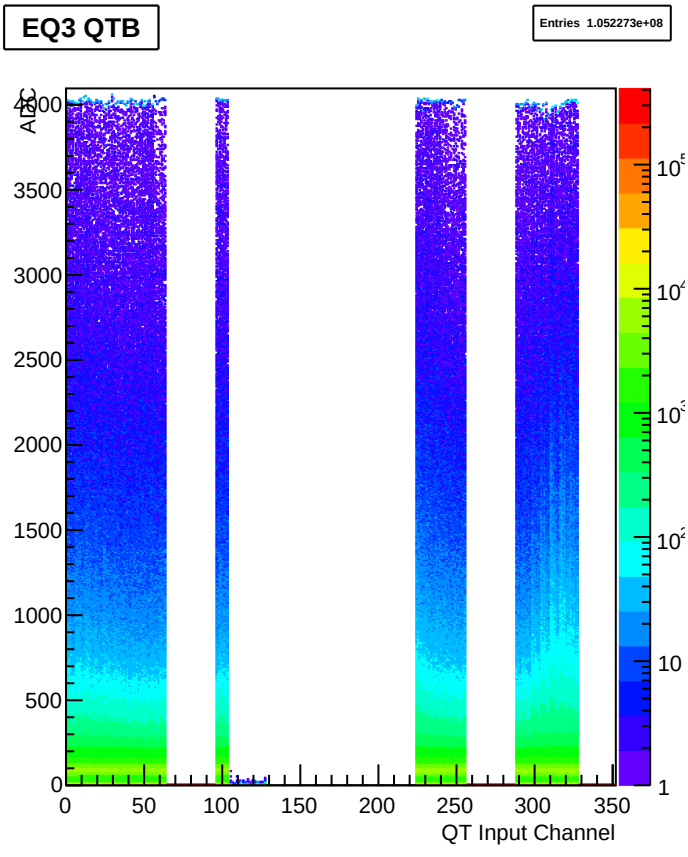

EQ1 QTC
Entries 3.946022e+07
TADC
QT Input Channel

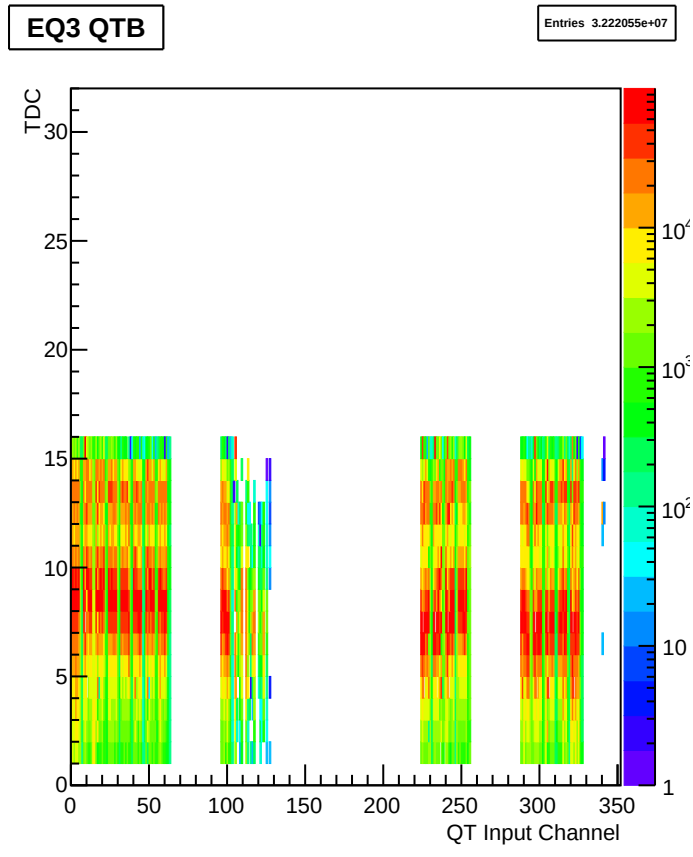

EQ2 QTB
Entries 1.183807e+08
ADC
QT Input Channel

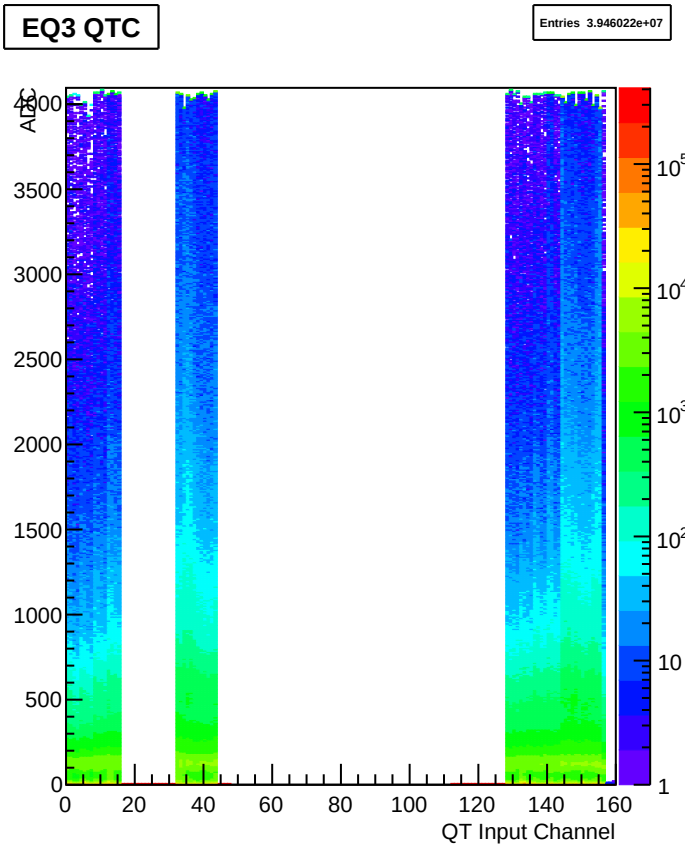

EQ2 QTB
Entries 3.970333e+07
TDC
QT Input Channel

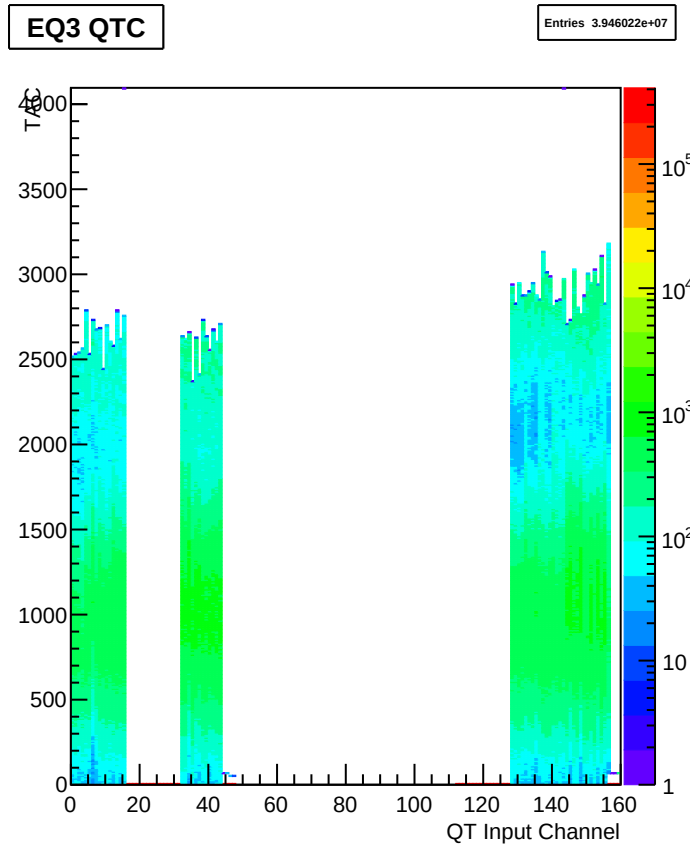

EQ2 QTC
Entries 3.946022e+07
ADC
QT Input Channel

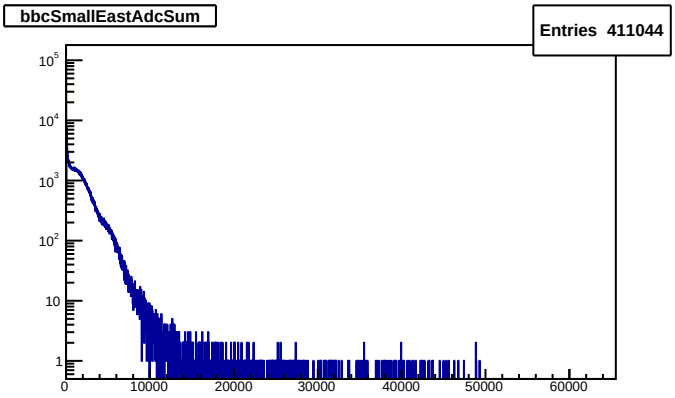

EQ2 QTC
Entries 3.946022e+07
TADC
QT Input Channel

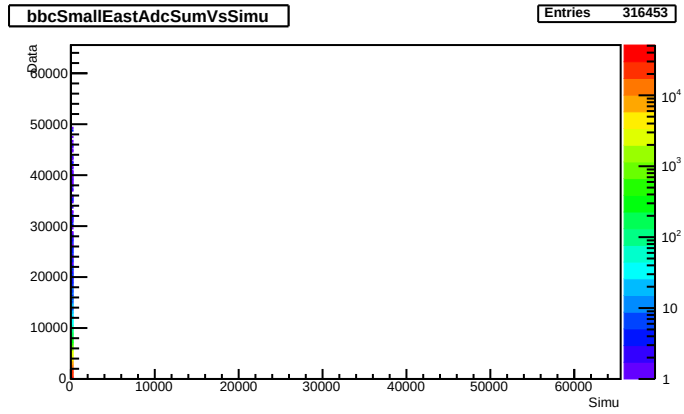

EQ3 QTB
Entries 1.052273e+08
ADC
QT Input Channel

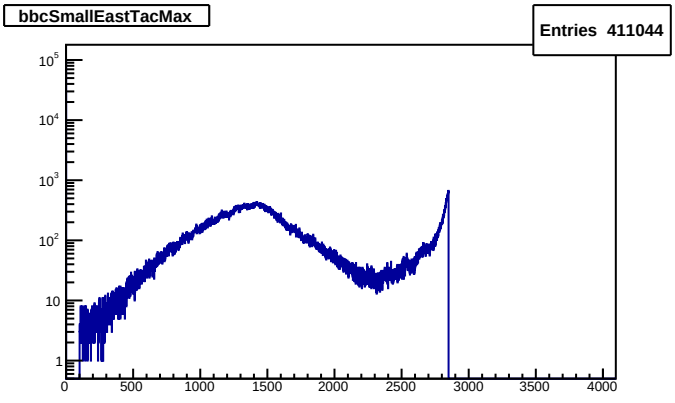

EQ3 QTB
Entries 3.222055e+07
TDC
QT Input Channel

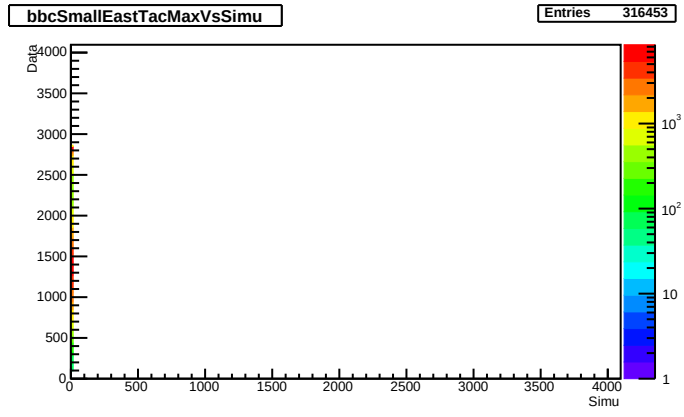

EQ3 QTC
Entries 3.946022e+07
ADC
QT Input Channel

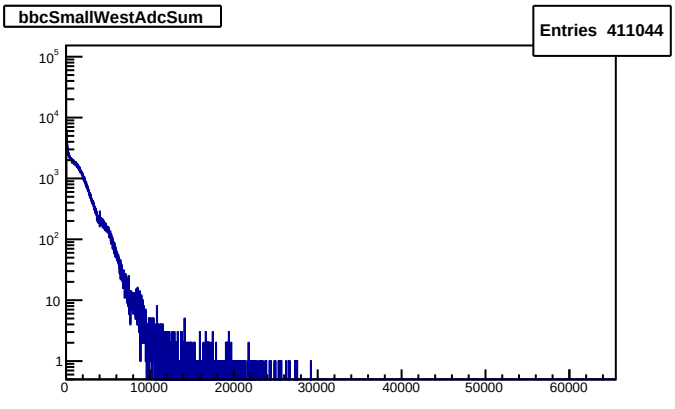

EQ3 QTC
Entries 3.946022e+07
TADC
QT Input Channel

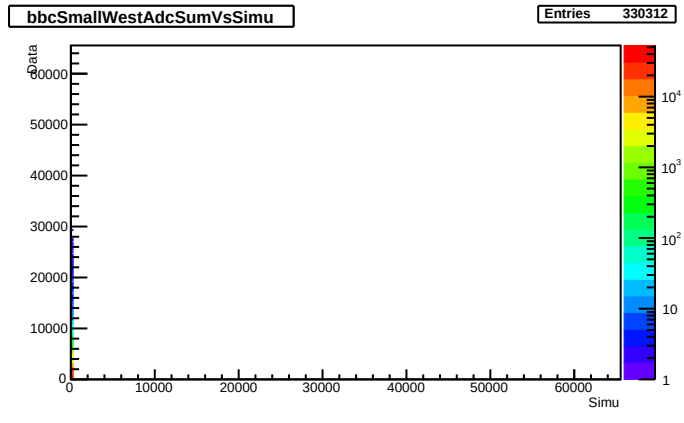

bbcSmallEastAdcSum
Entries 411044

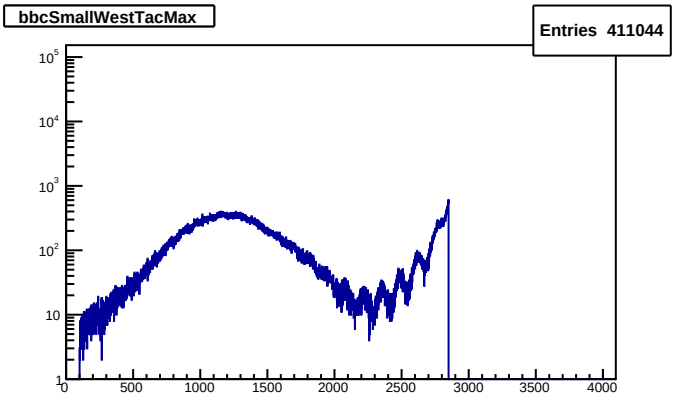

bbcSmallEastAdcSumVsSimu
Entries 316453
Data
Simu

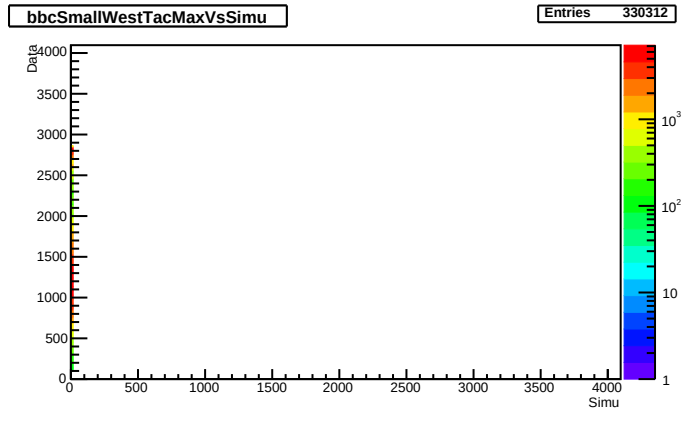

bbcSmallEastTacMax
Entries 411044

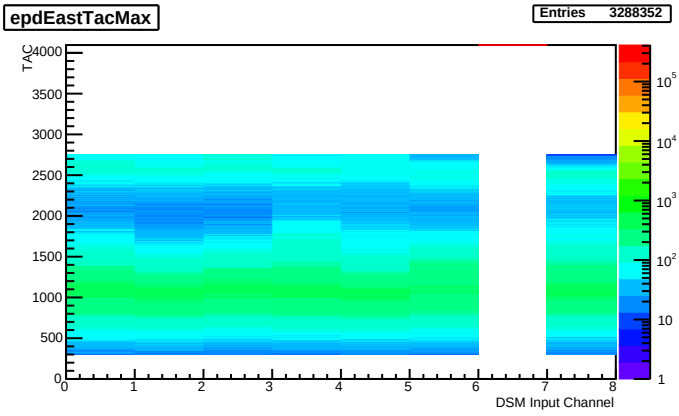

bbcSmallEastTacMaxVsSimu
Entries 316453
Data
Simu

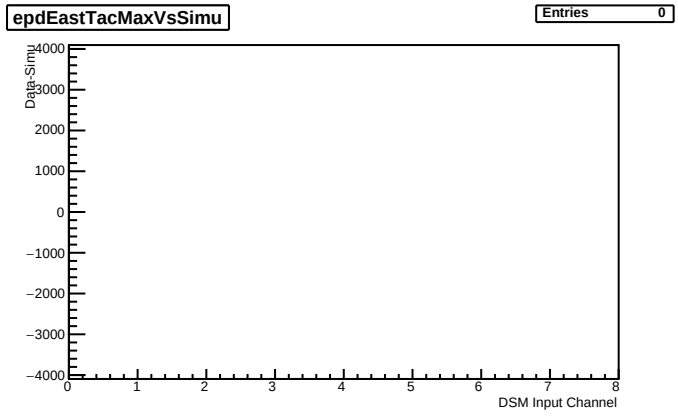

bbcSmallWestAdcSum
Entries 411044

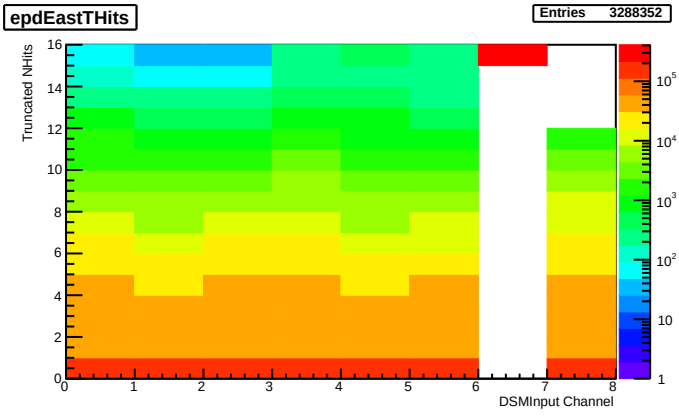

bbcSmallWestAdcSumVsSimu
Entries 330312
Data
Simu

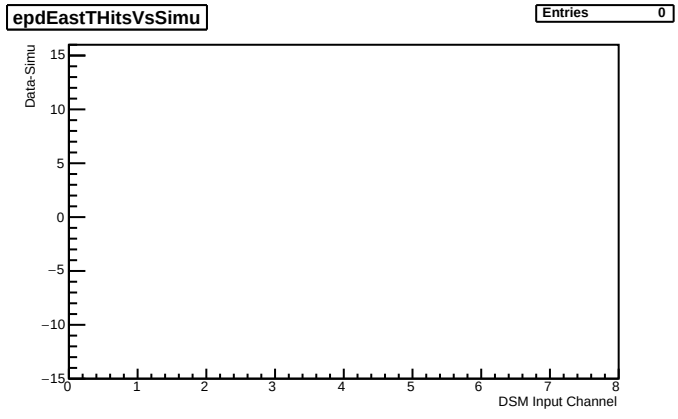

bbcSmallWestTacMax
Entries 411044

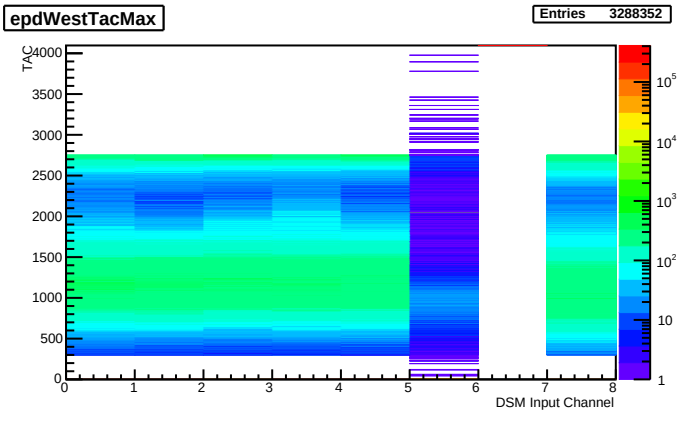

bbcSmallWestTacMaxVsSimu
Entries 330312
Data
Simu

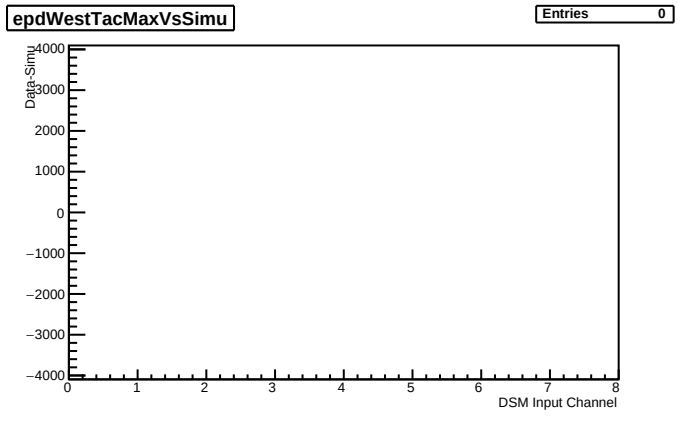

epdEastTacMax
Entries 3288352
TAC
DSM Input Channel

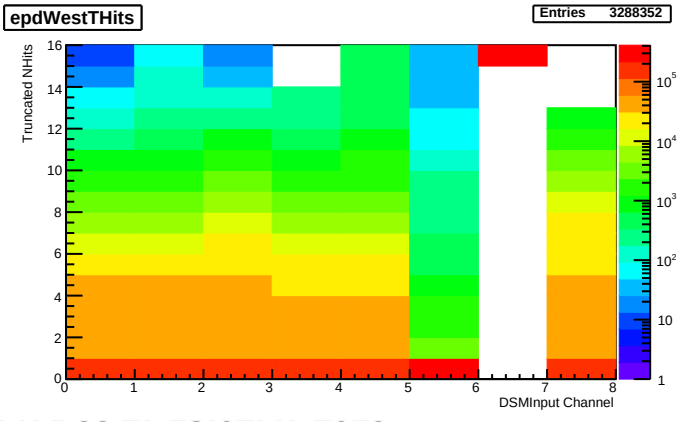

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

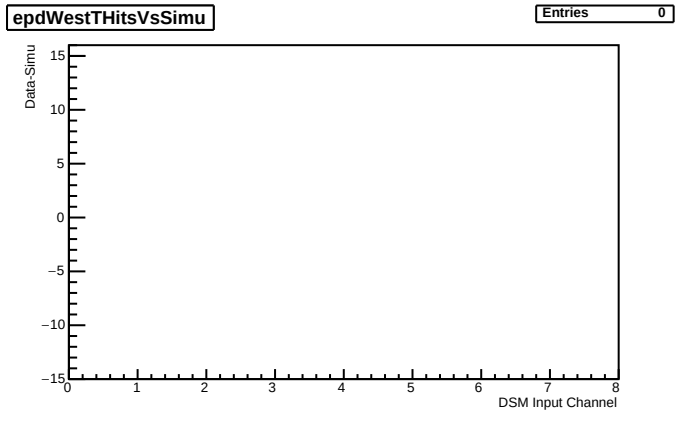

epdEastTHits
Entries 3288352
Truncated NHits
DSMInput Channel

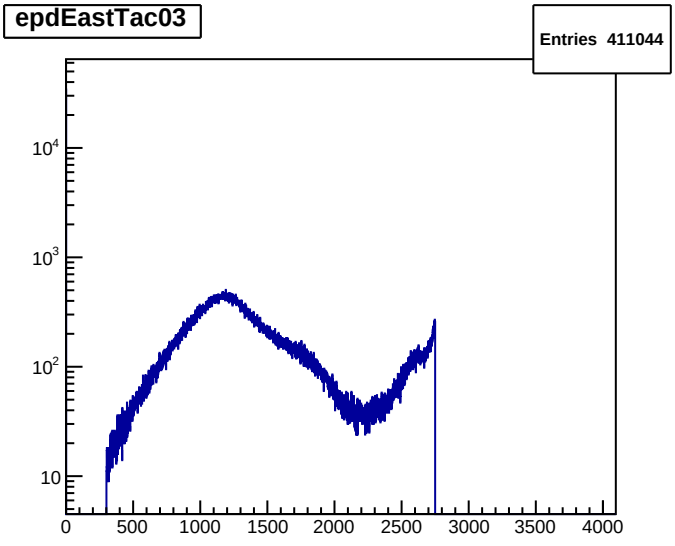

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

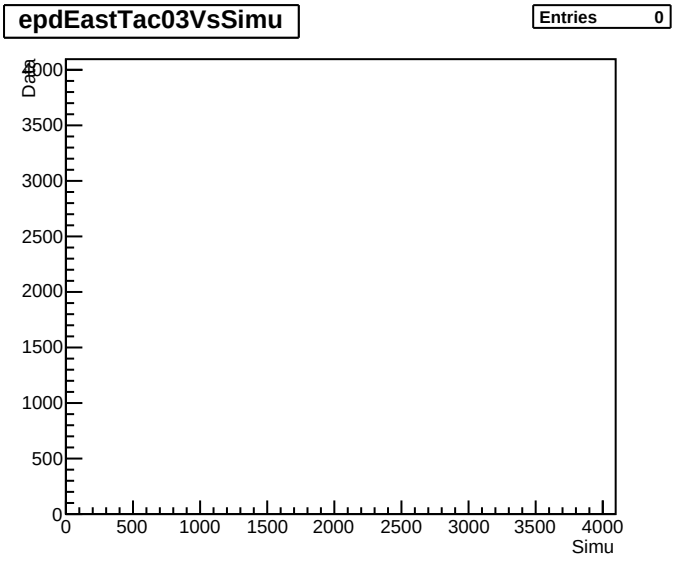

epdWestTacMax
Entries 3288352
TAC
DSM Input Channel

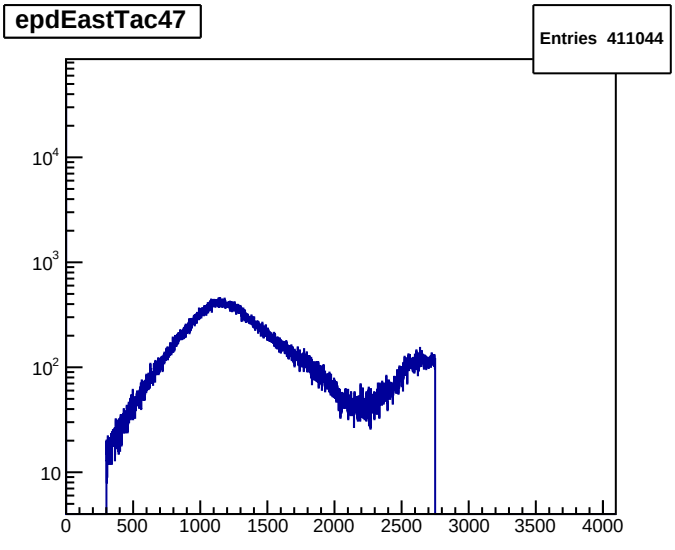

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

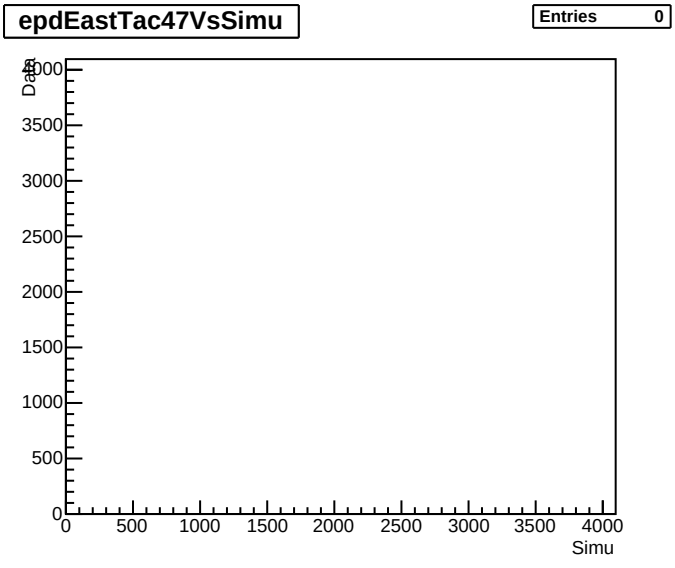

epdWestTHits
Entries 3288352
Truncated NHits
DSMInput Channel

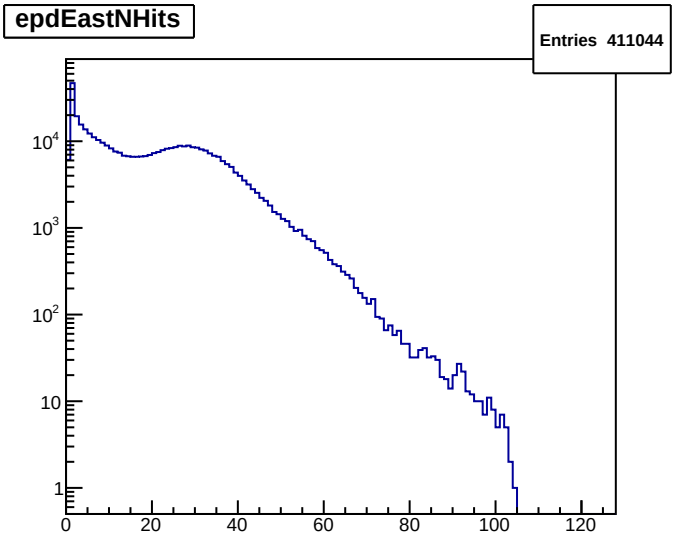

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

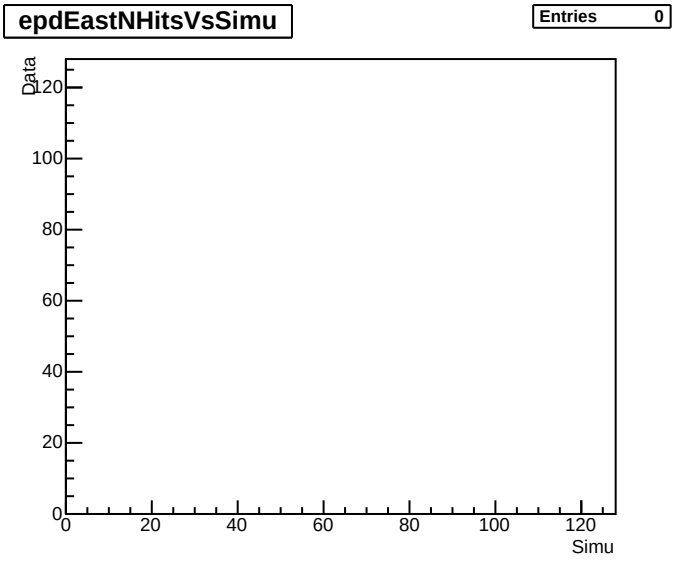

epdEastTac03
Entries 411044
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

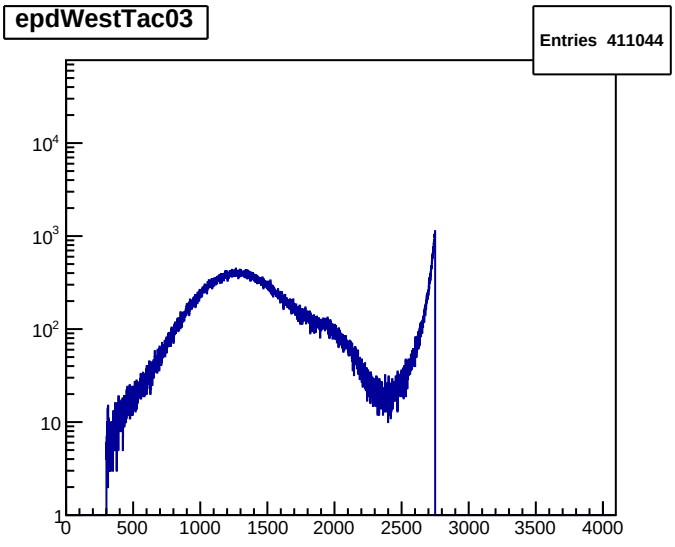

epdEastTac03VsSimu
Entries 0
Data
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

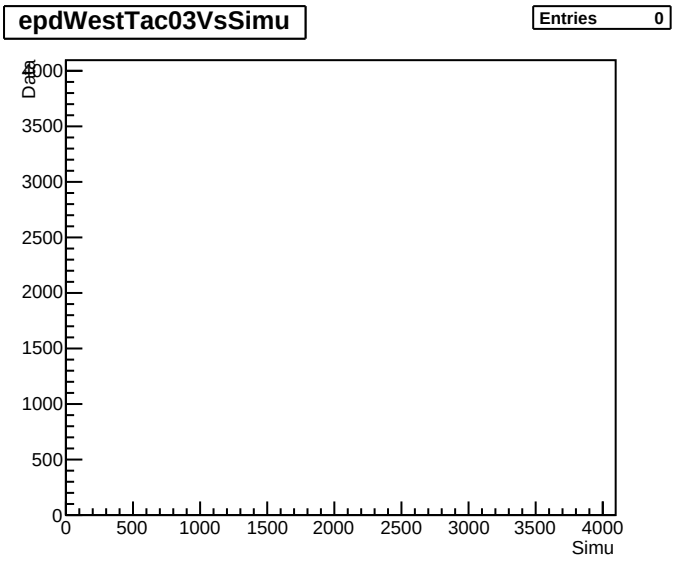

epdEastTac47
Entries 411044
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

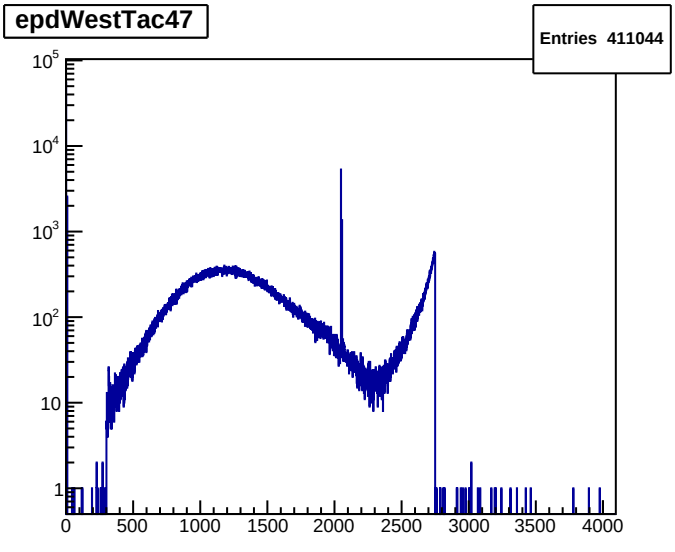

epdEastTac47VsSimu
Entries 0
Data
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

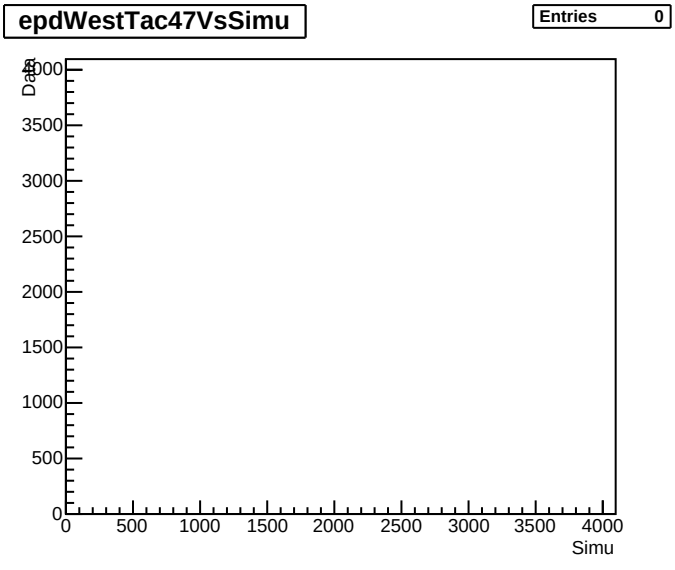

epdEastNHits
Entries 411044
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

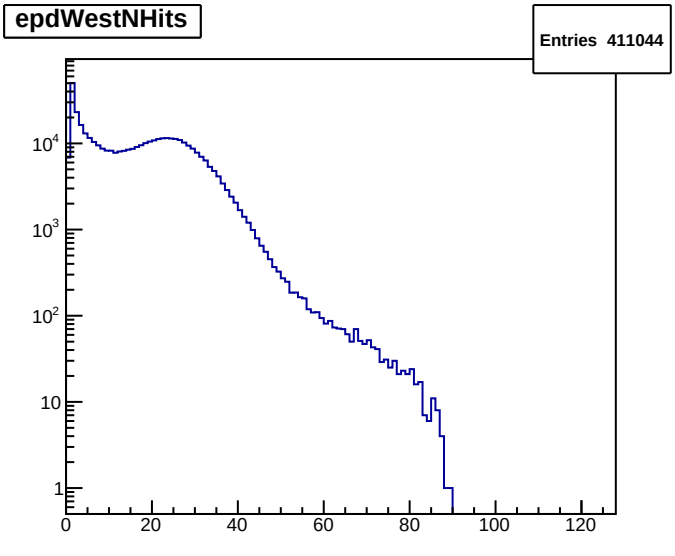

epdEastNHitsVsSimu
Entries 0
Data
0 20 40 60 80 100 120
Simu

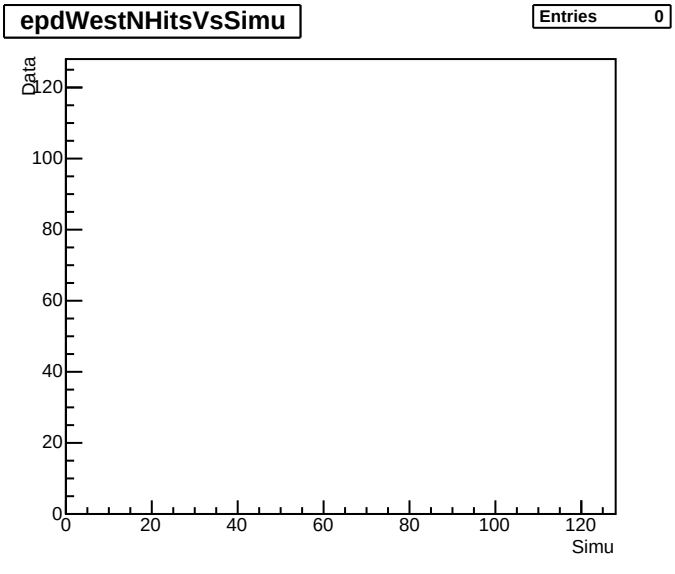

epdWestTac03
Entries 411044

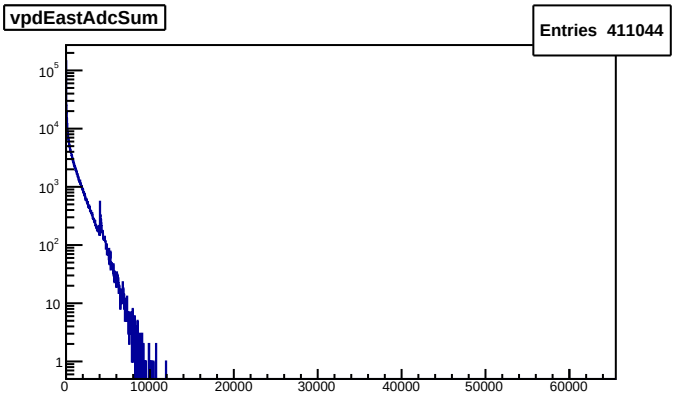

epdWestTac03VsSimu
Entries 0
Data
Simu

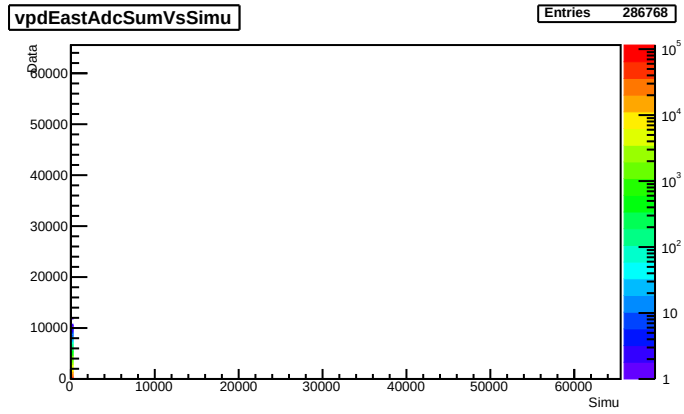

epdWestTac47
Entries 411044

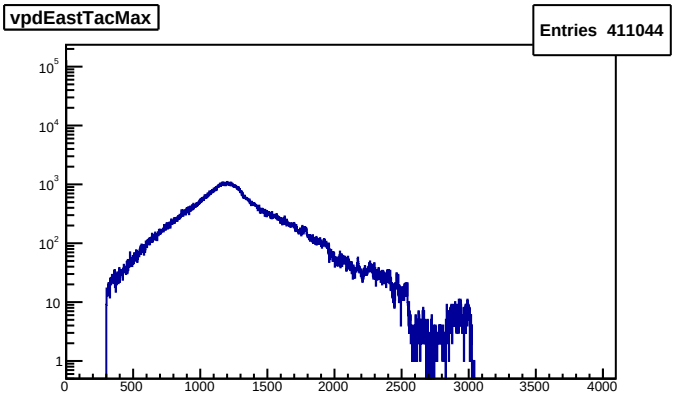

epdWestTac47VsSimu
Entries 0
Data
Simu

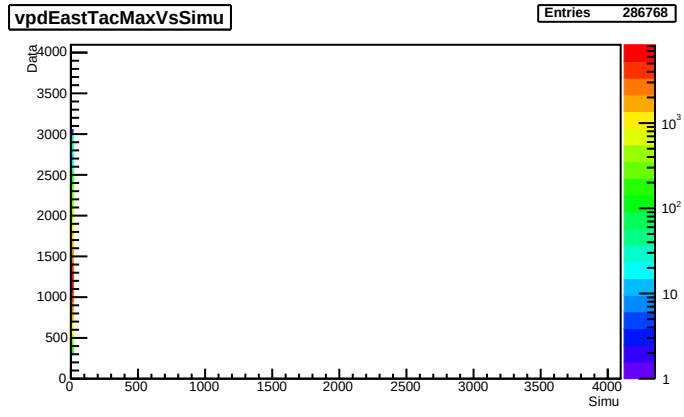

epdWestNHits
Entries 411044

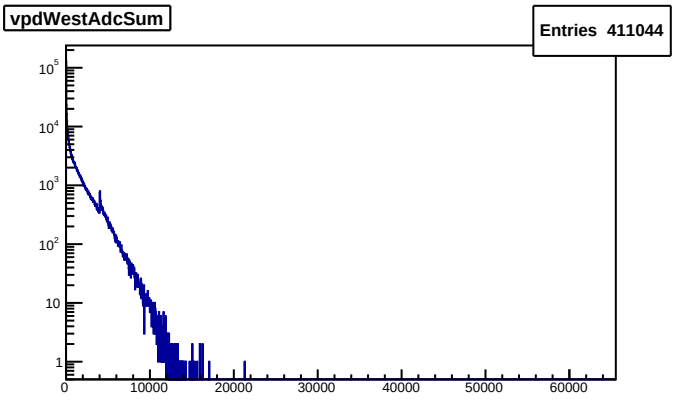

epdWestNHitsVsSimu
Entries 0
Data
Simu

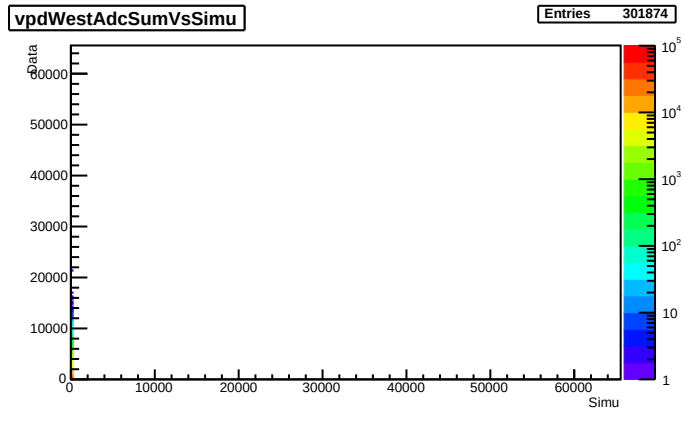

vpdEastAdcSum
Entries 411044

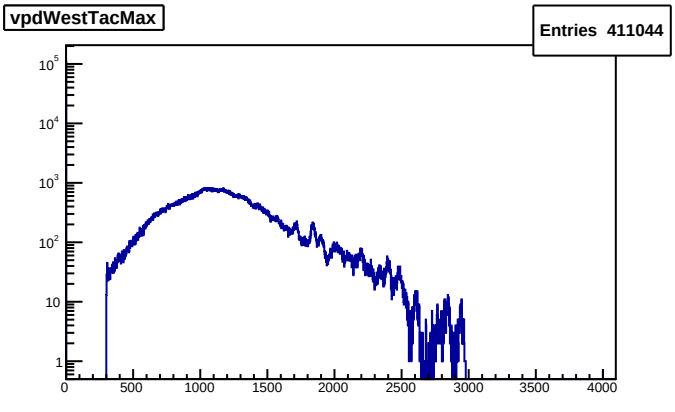

vpdEastAdcSumVsSimu
Entries 286768
Data
Simu

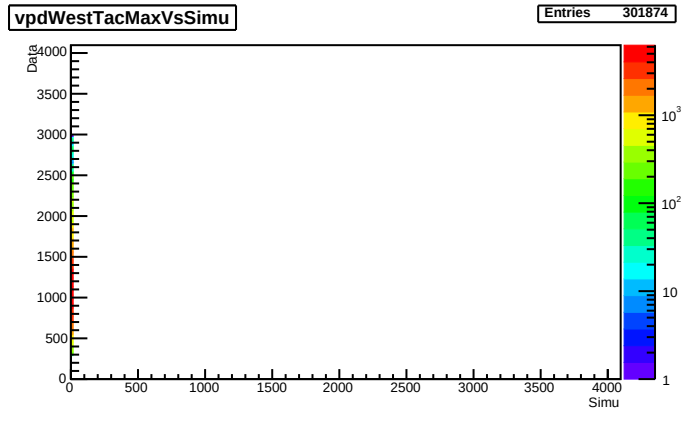

vpdEastTacMax
Entries 411044

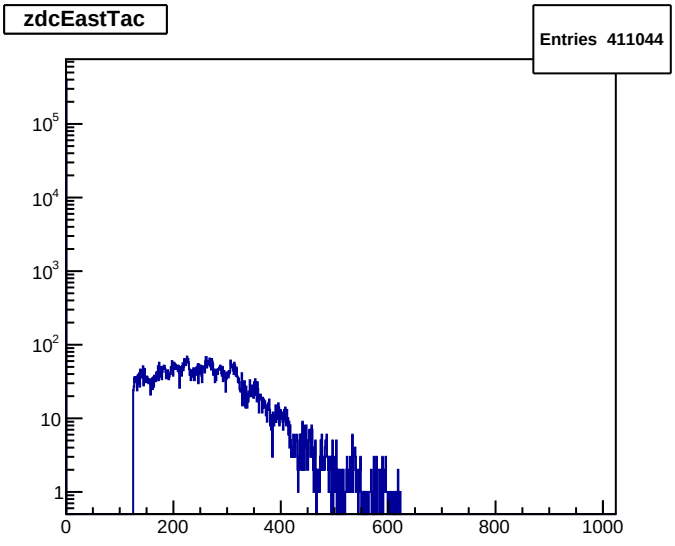

vpdEastTacMaxVsSimu
Entries 286768
Data
Simu

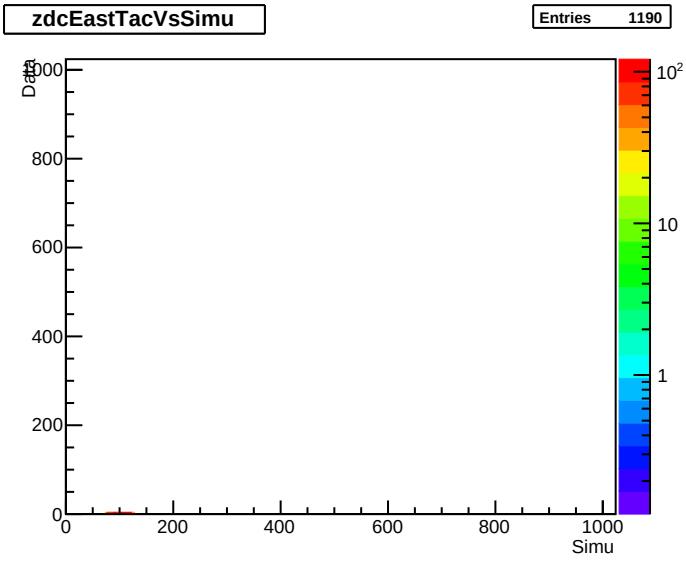

vpdWestAdcSum
Entries 411044

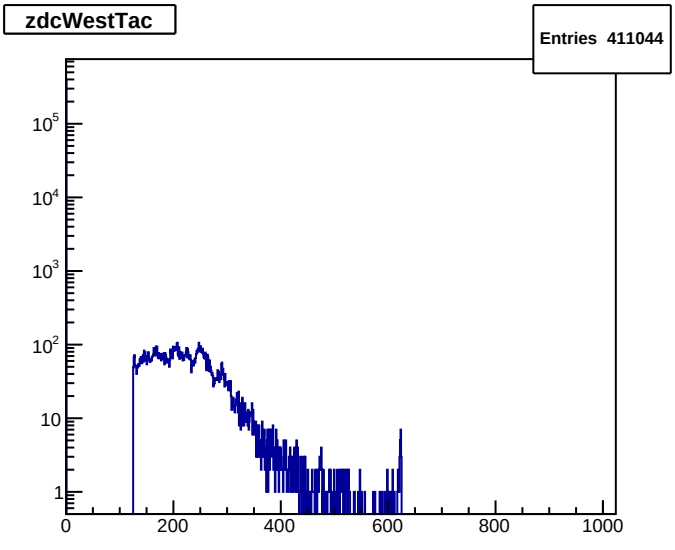

vpdWestAdcSumVsSimu
Entries 301874
Data
Simu

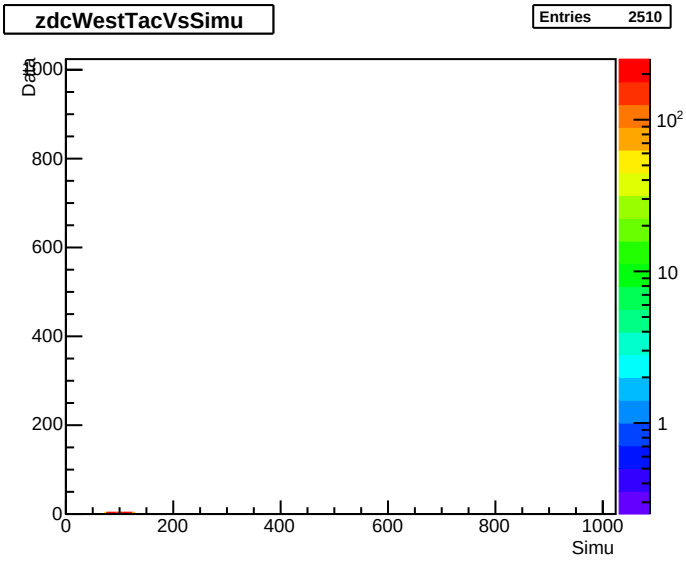

vpdWestTacMax
Entries 411044

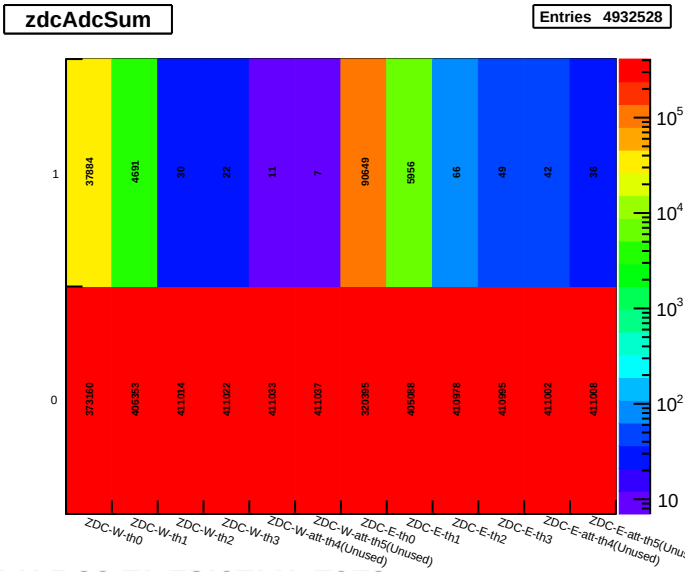

vpdWestTacMaxVsSimu
Entries 301874
Data
Simu

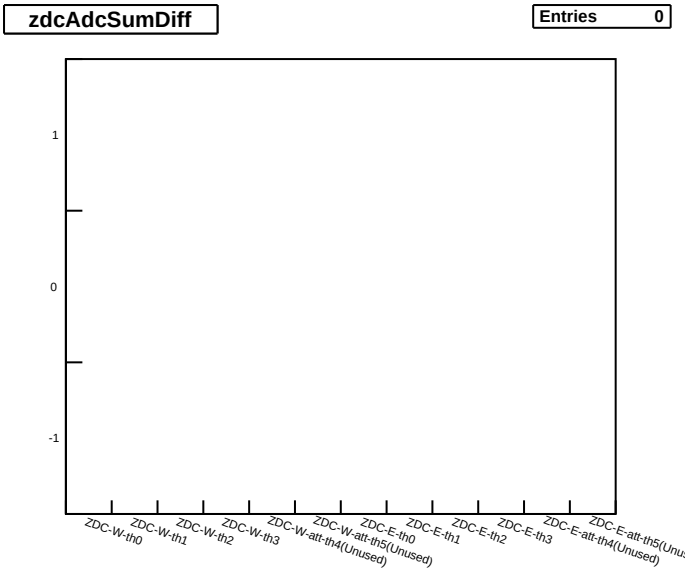

zdcEastTac
Entries 411044

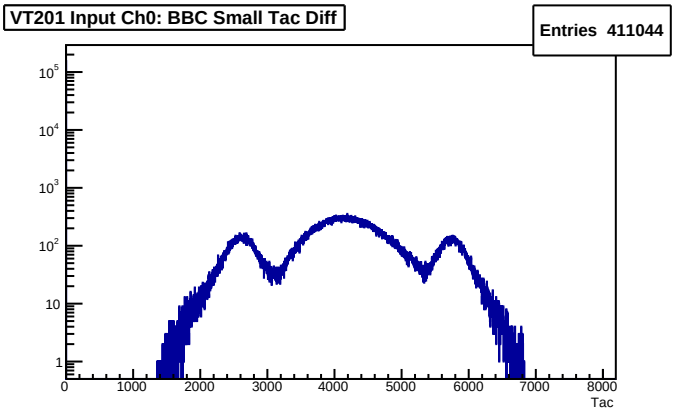

zdcEastTacVsSimu
Entries 1190
Data
Simu

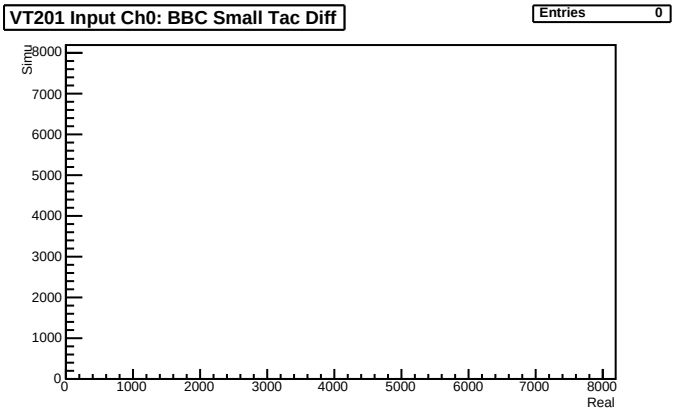

zdcWestTac
Entries 411044

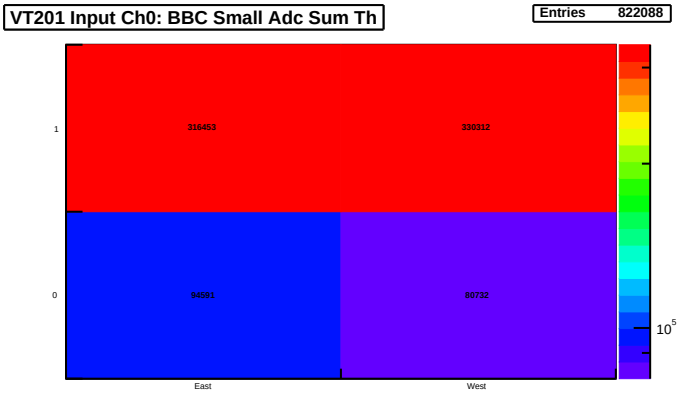

zdcWestTacVsSimu
Entries 2510
Data
Simu

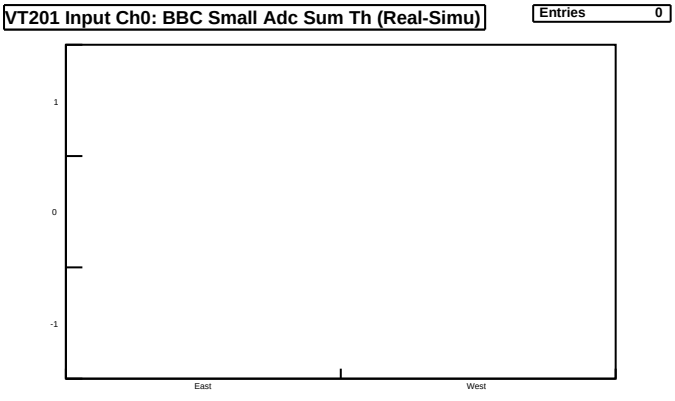

zdcAdcSum
Entries 4932528
37884
4691
30
22
11
7
90649
5956
66
49
42
36
373160
406353
411014
411022
411033
411037
320395
405088
410978
410995
411002
411008
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

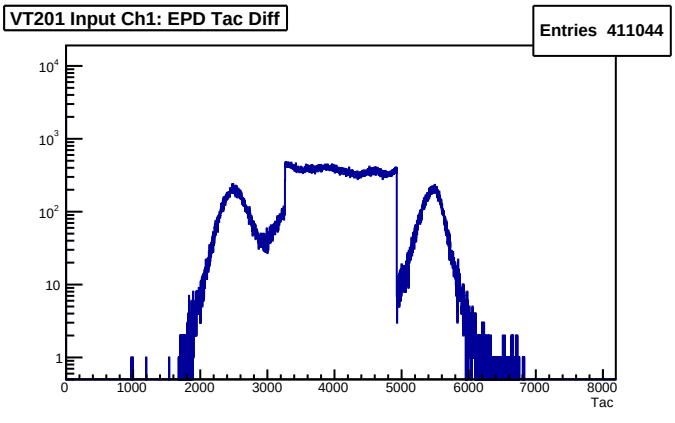

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

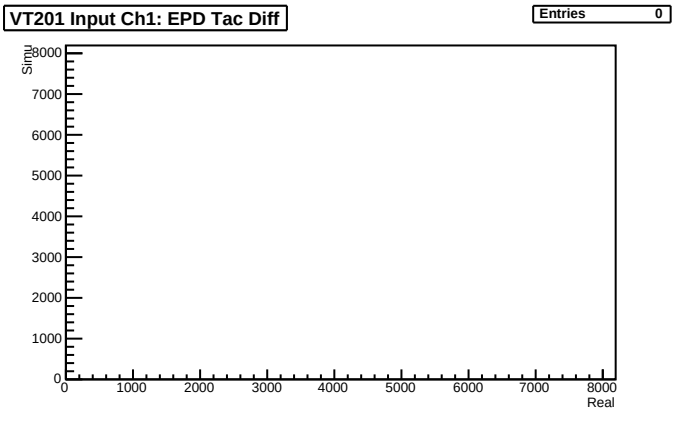

VT201 Input Ch0: BBC Small Tac Diff
Entries 411044
Tac

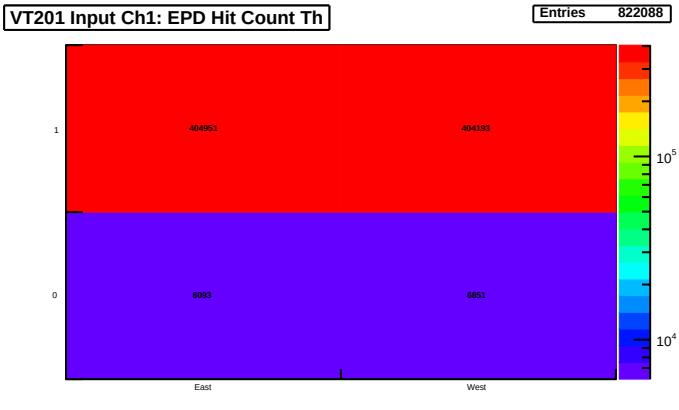

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

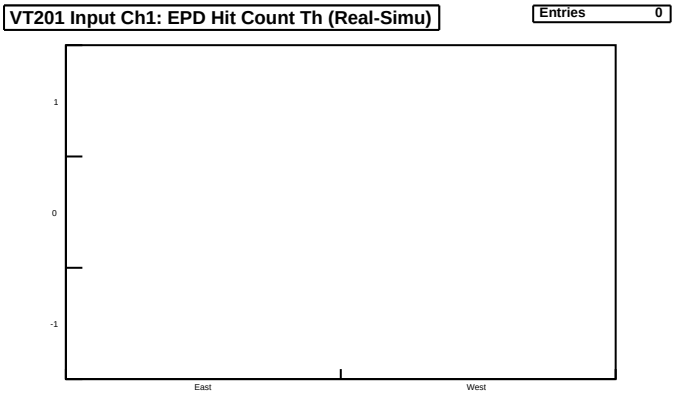

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 822088
316453
330312
94591
80732
East
West

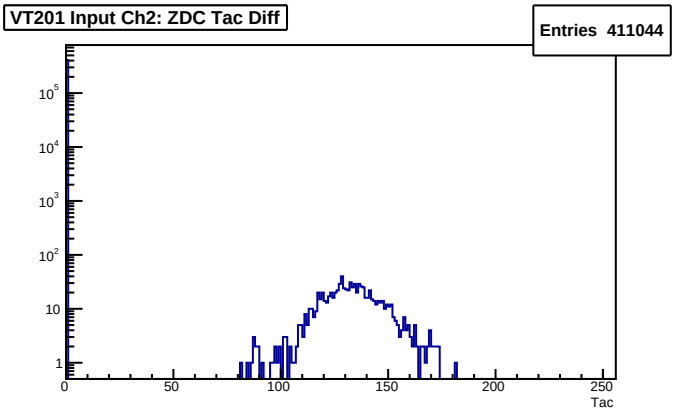

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

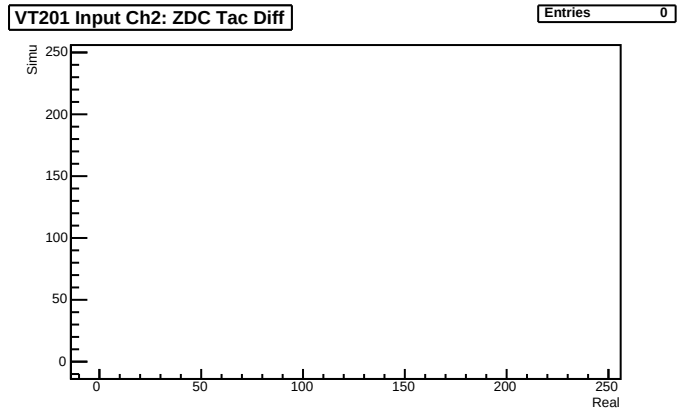

VT201 Input Ch1: EPD Tac Diff
Entries 411044
Tac

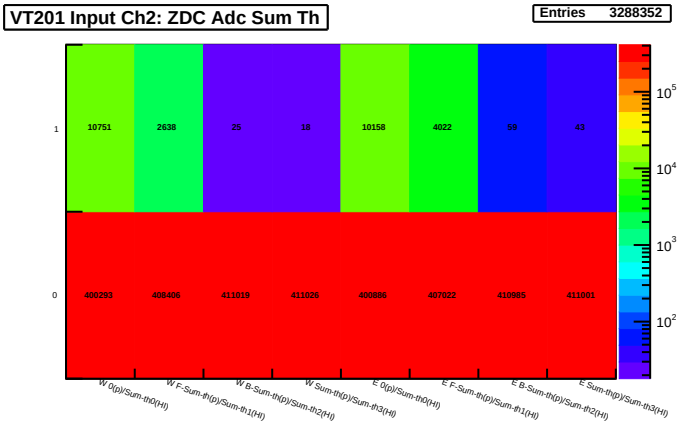

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

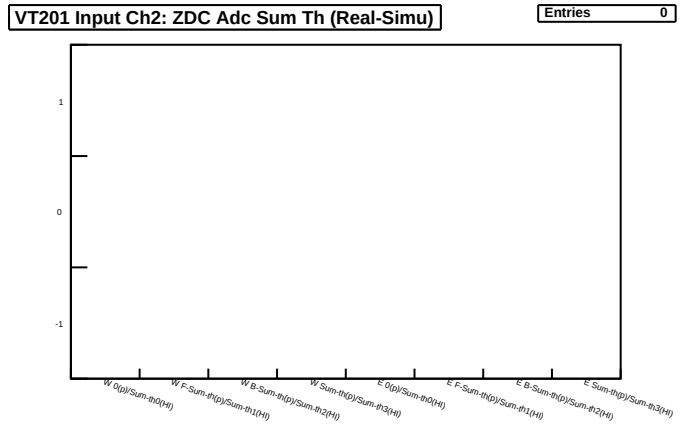

VT201 Input Ch1: EPD Hit Count Th
Entries 822088
404951
404193
6093
6851
East
West

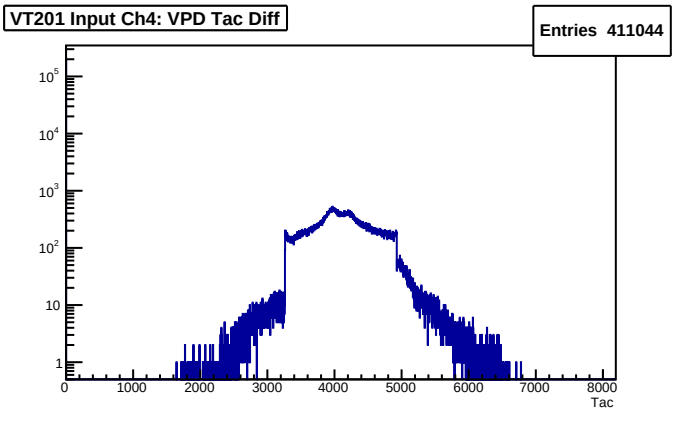

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

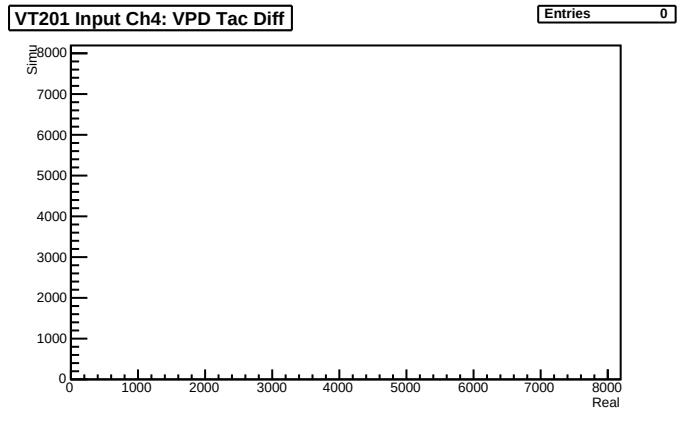

VT201 Input Ch2: ZDC Tac Diff
Entries 411044
Tac

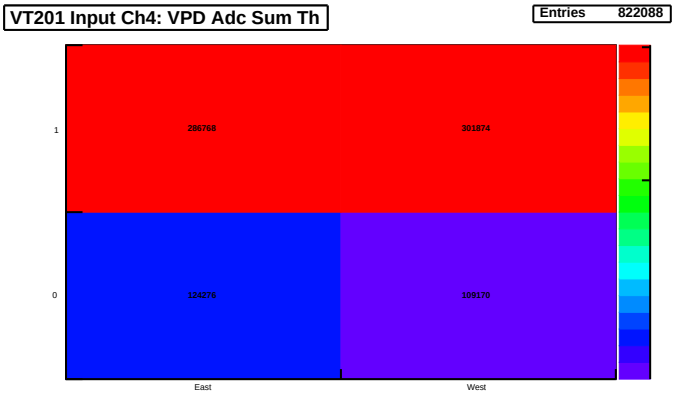

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

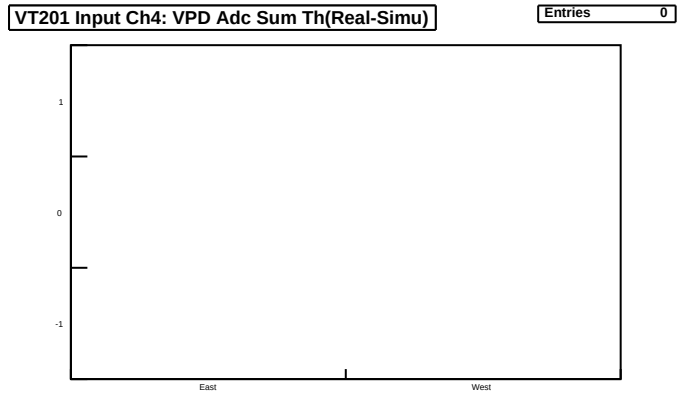

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3288352
10751
2638
25
18
10158
4022
59
43
400293
408406
411019
411026
400886
407022
410985
411001
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

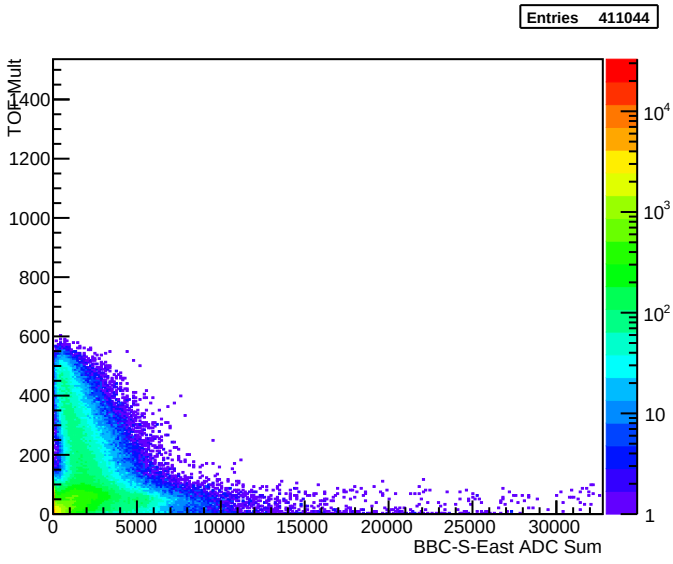

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

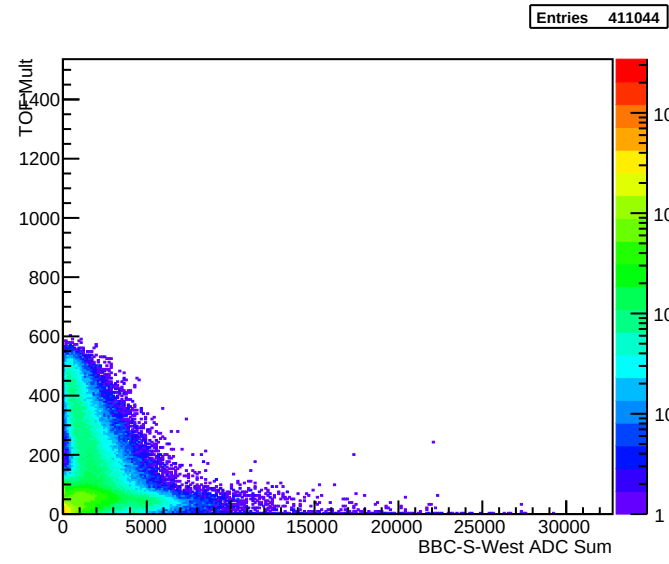

VT201 Input Ch4: VPD Tac Diff
Entries 411044
Tac

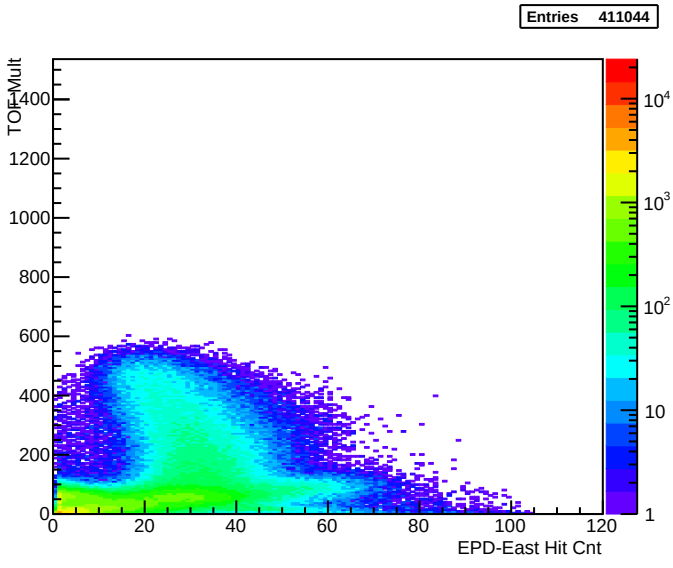

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

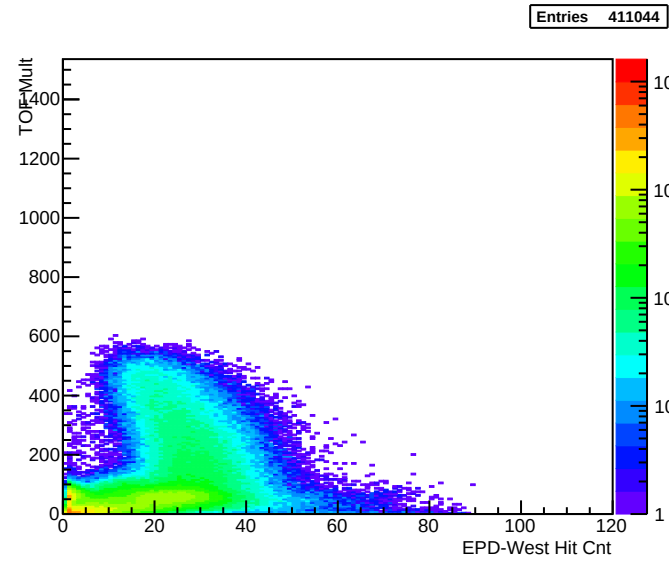

VT201 Input Ch4: VPD Adc Sum Th
Entries 822088
286768
301874
124276
109170
East
West

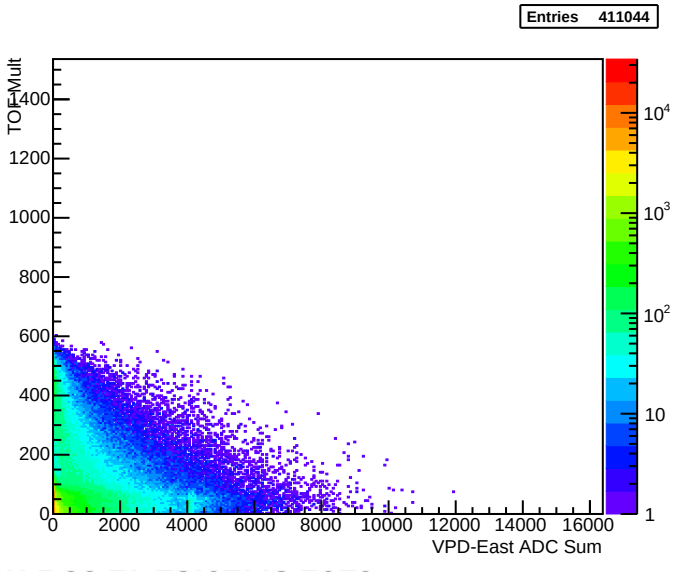

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

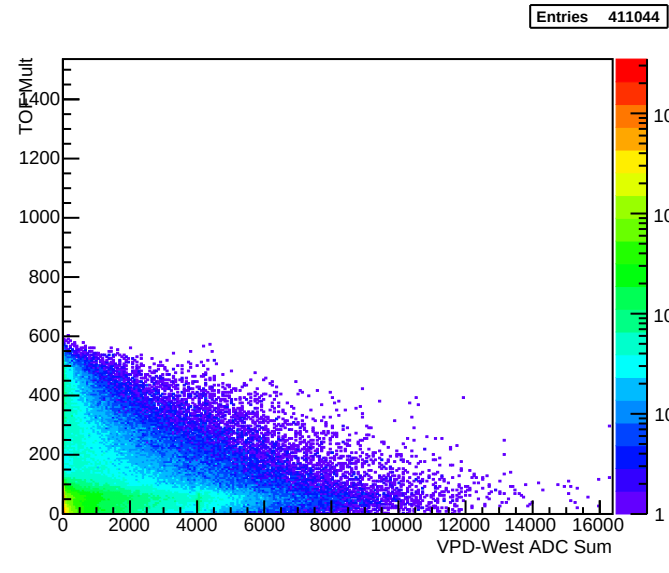

Entries 411044
TOF-Mult
BBC-S-East ADC Sum

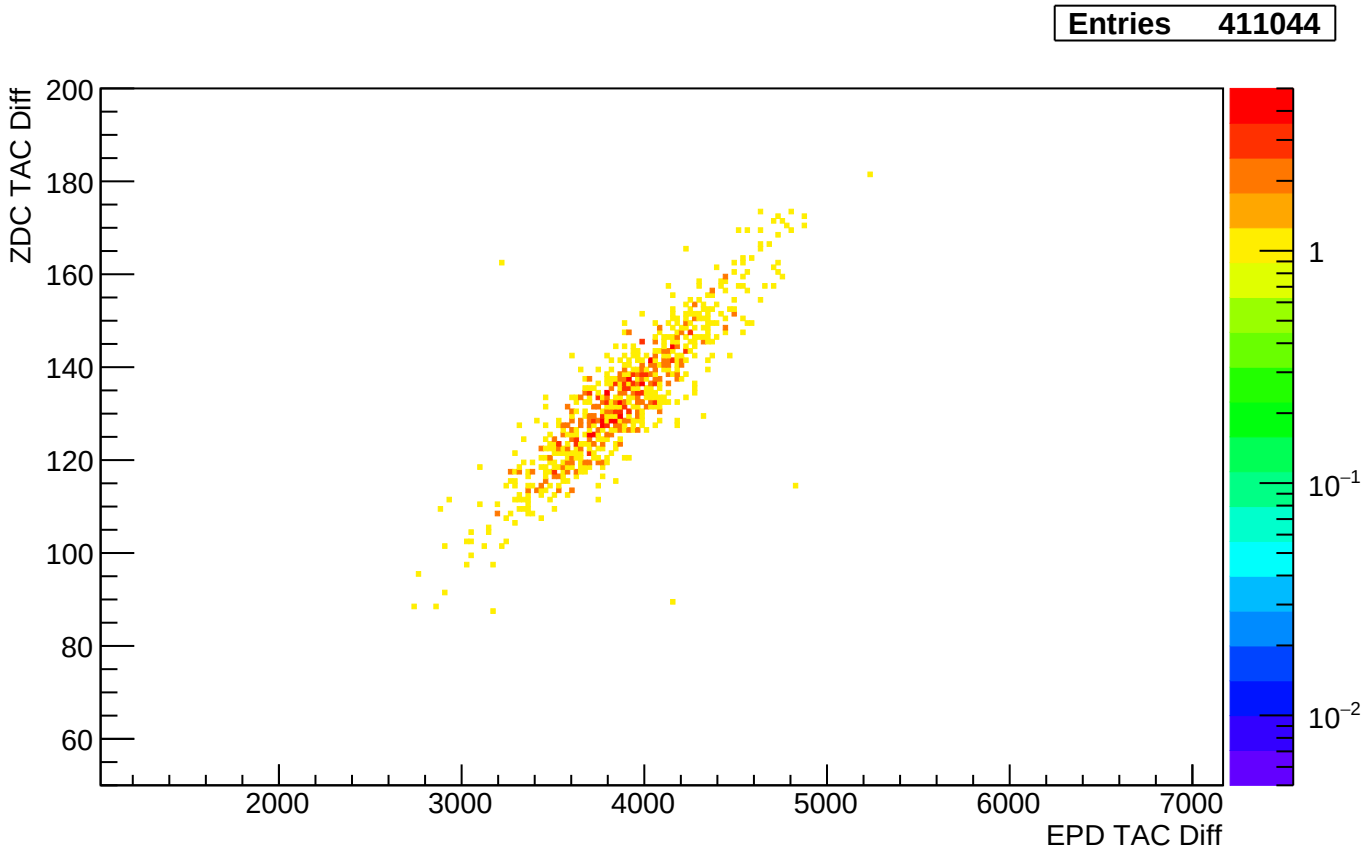

Entries 411044
TOF-Mult
BBC-S-West ADC Sum

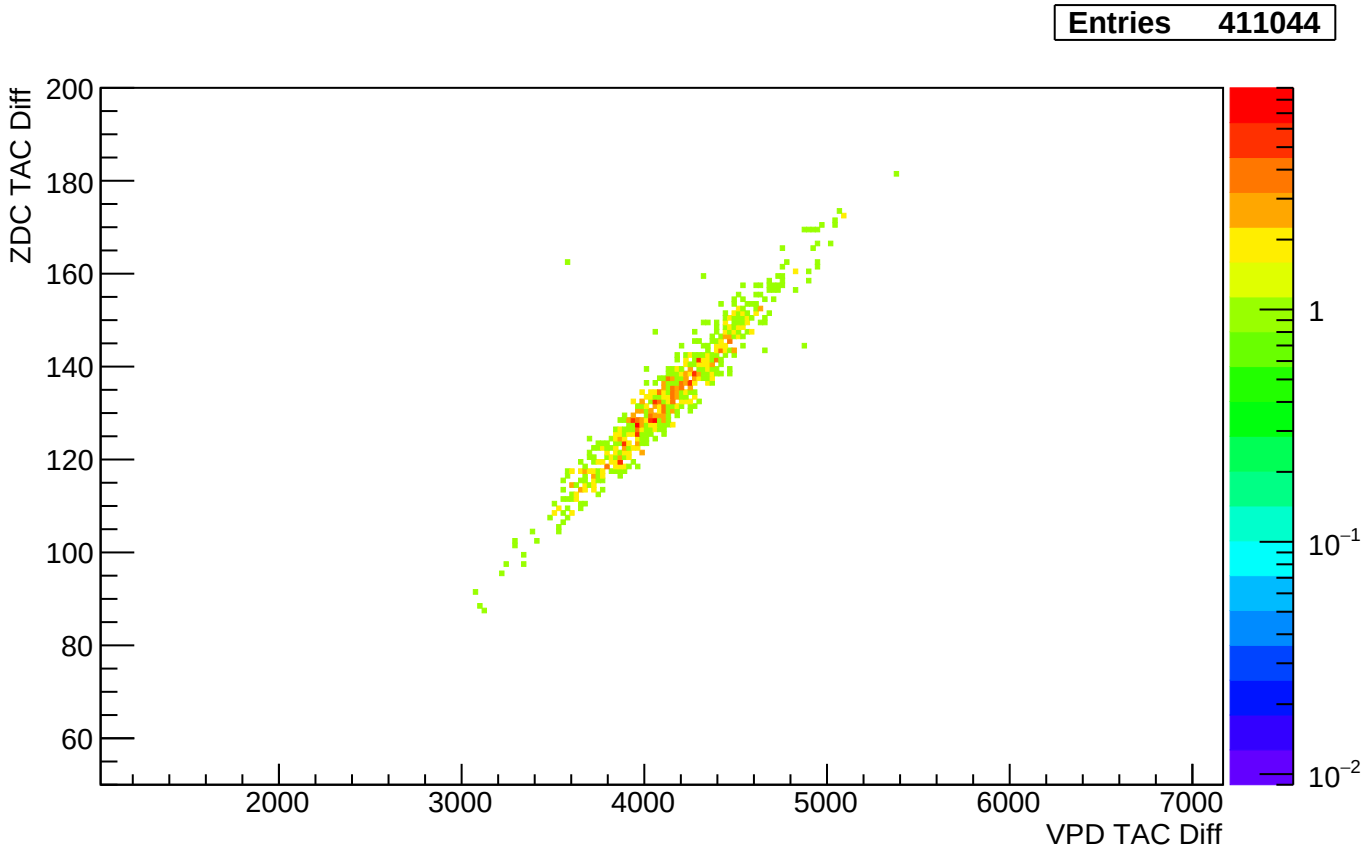

Entries 411044
TOF-Mult
EPD-East Hit Cnt

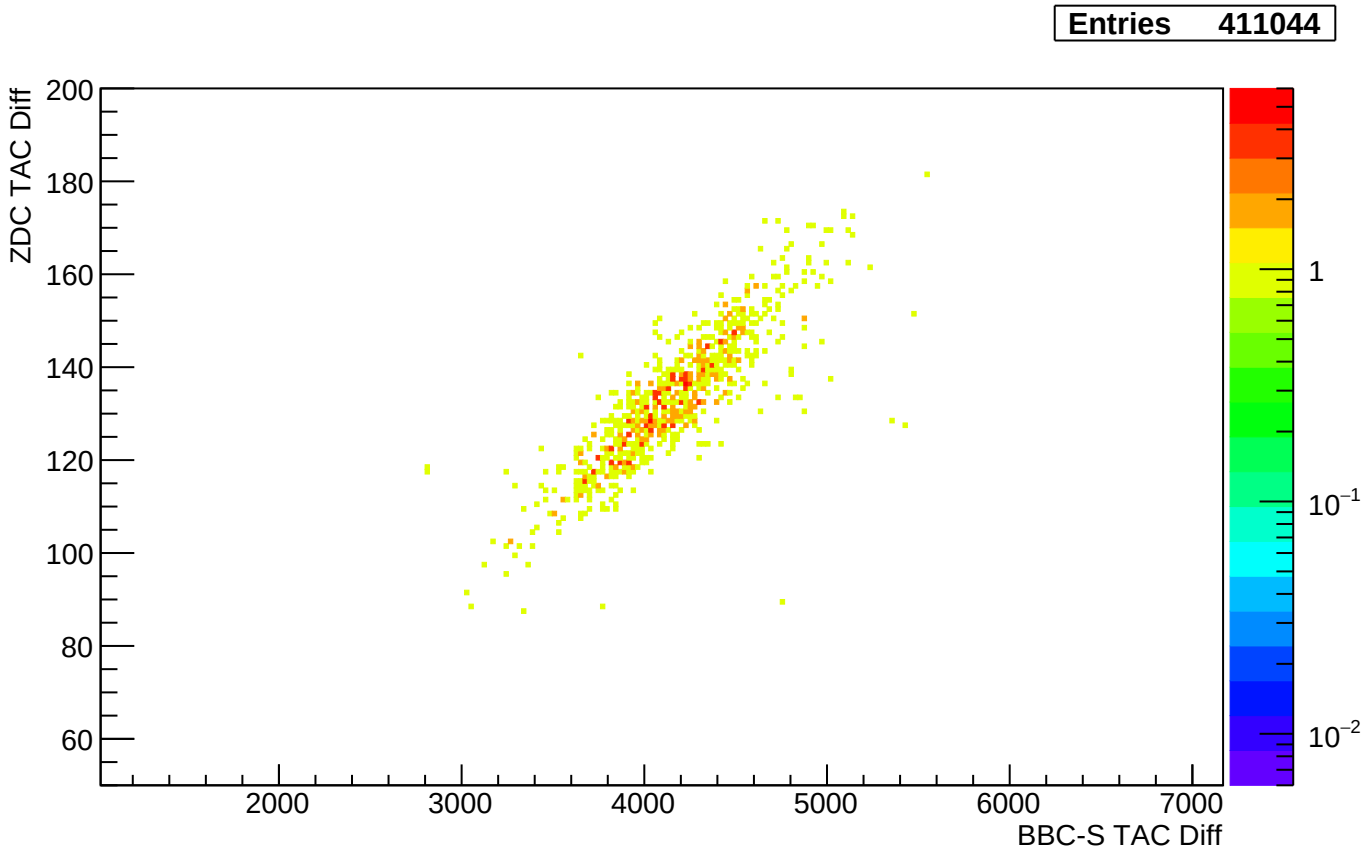

Entries 411044
TOF-Mult
EPD-West Hit Cnt

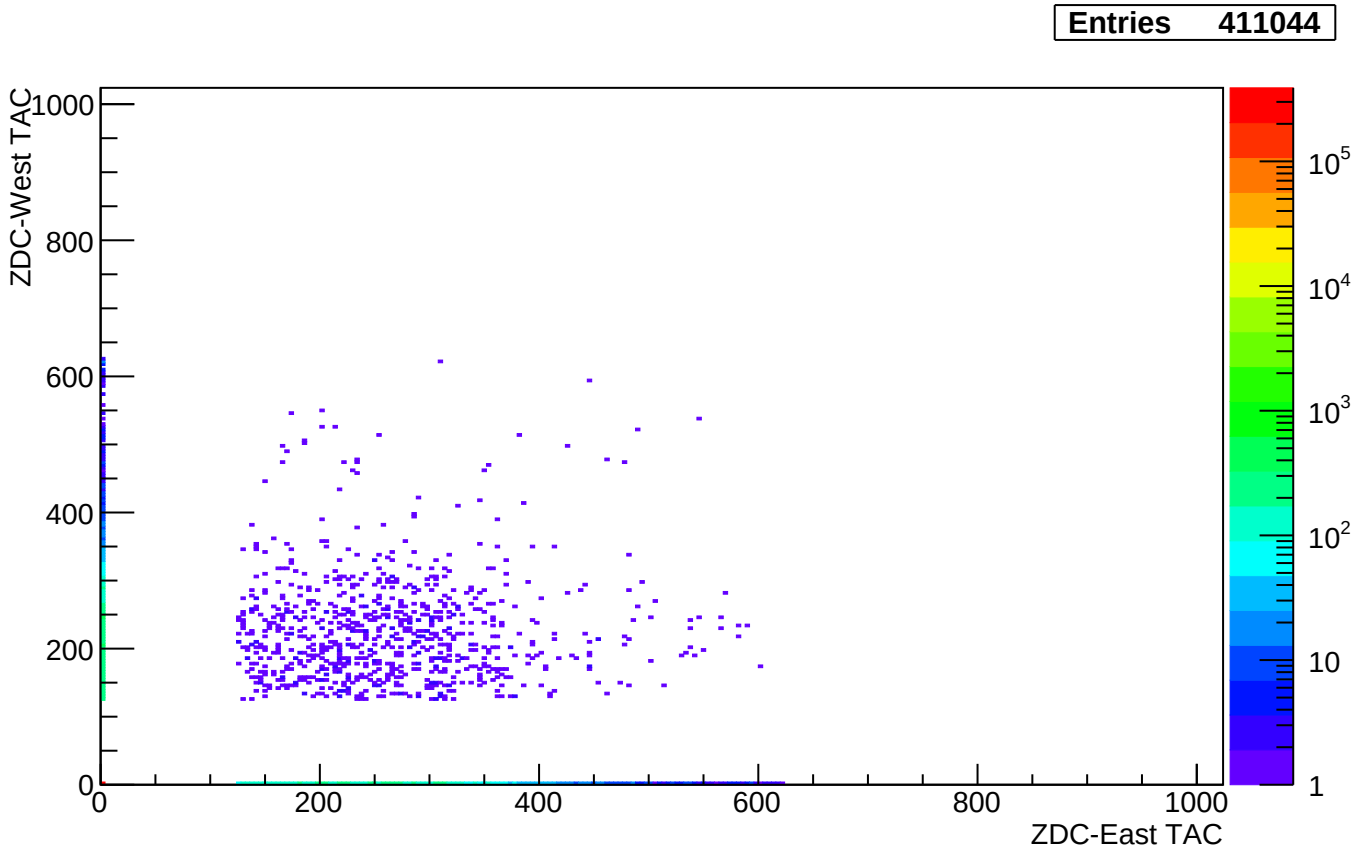

Entries 411044
TOF-Mult
VPD-East ADC Sum

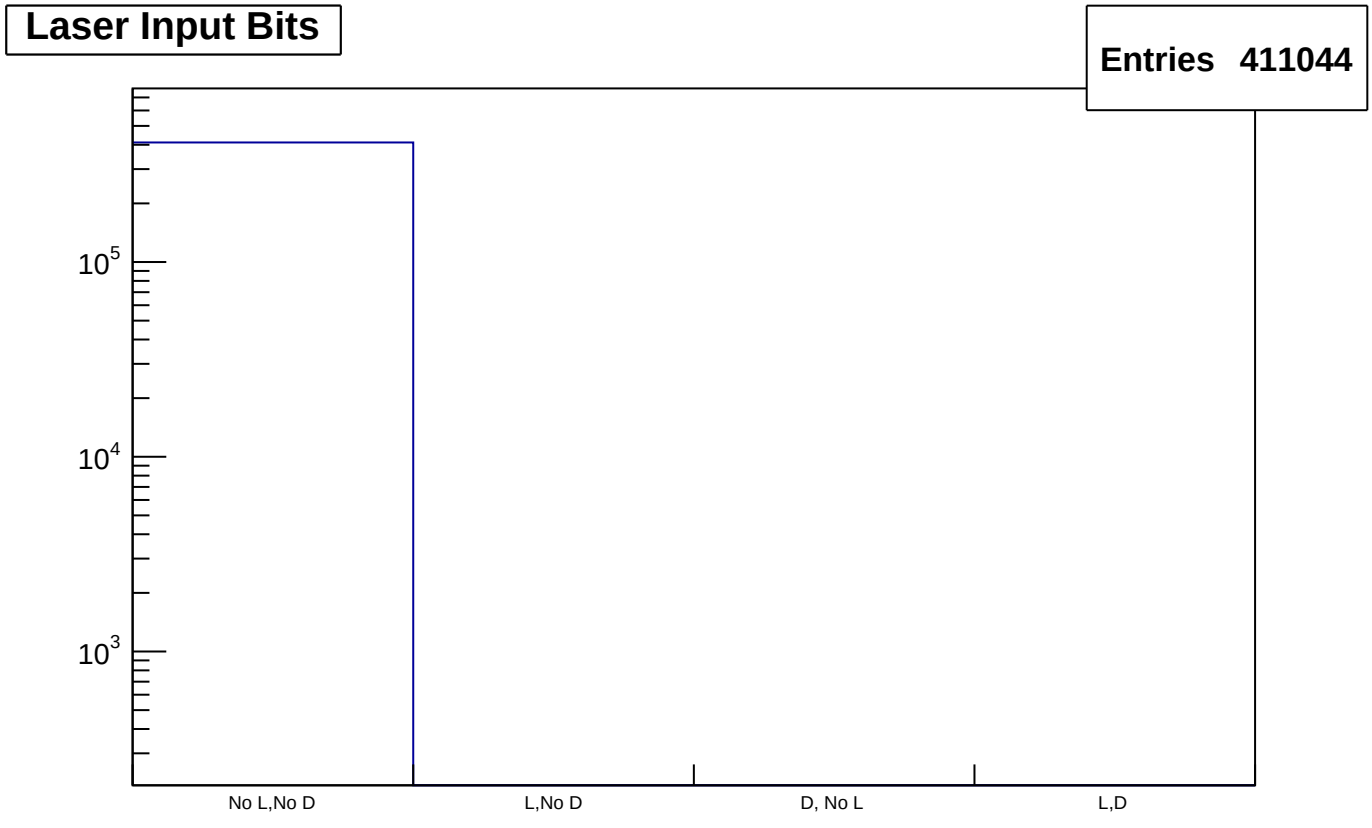

Entries 411044
TOF-Mult
VPD-West ADC Sum

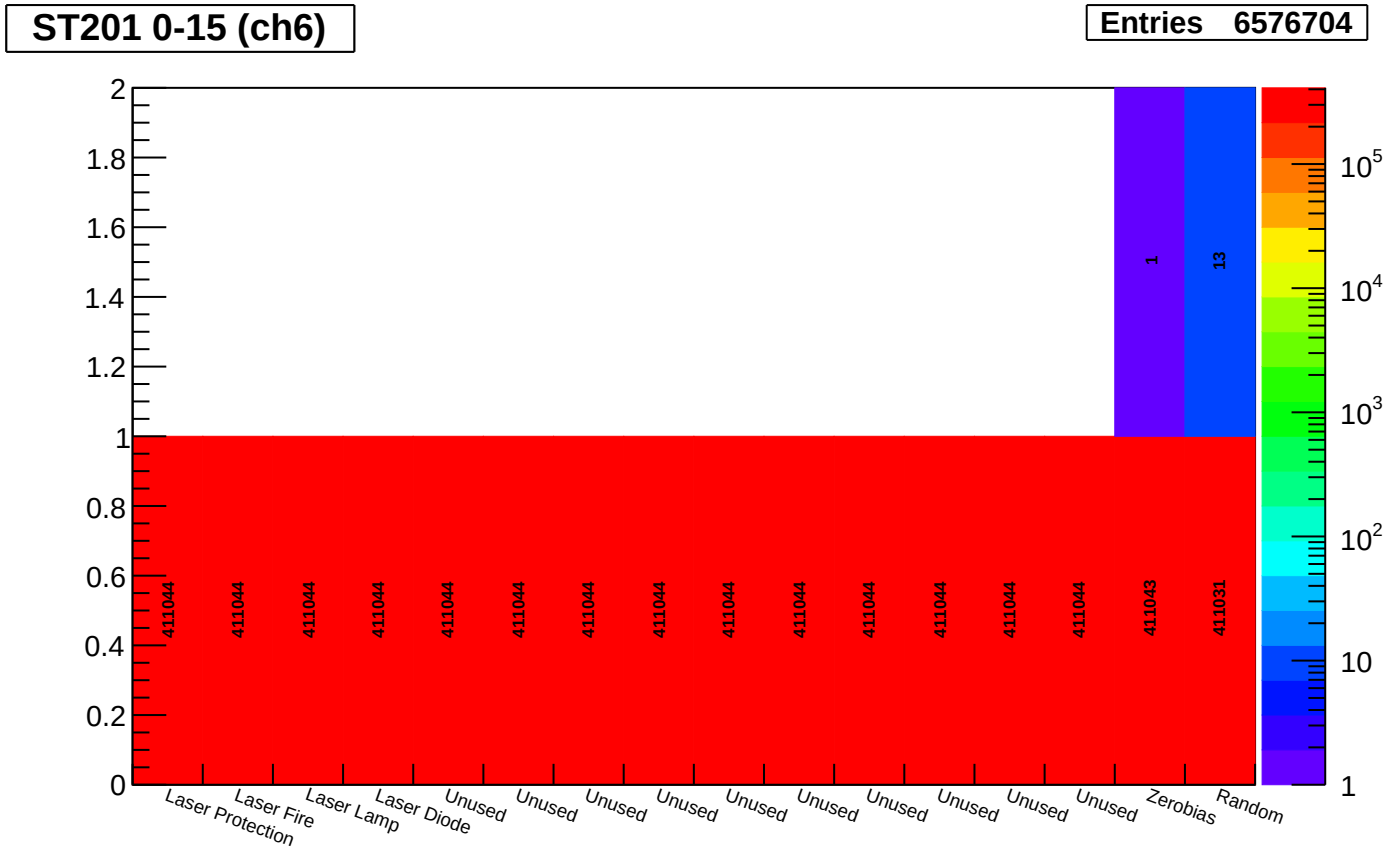

Entries 411044
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

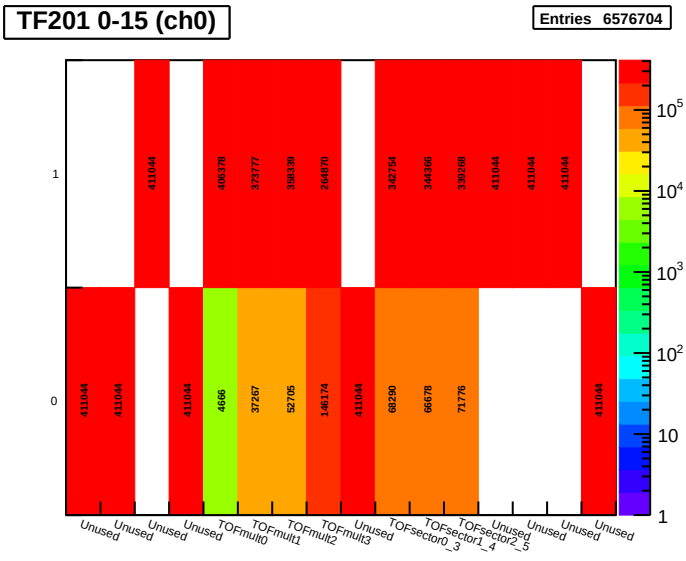

Entries 411044
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

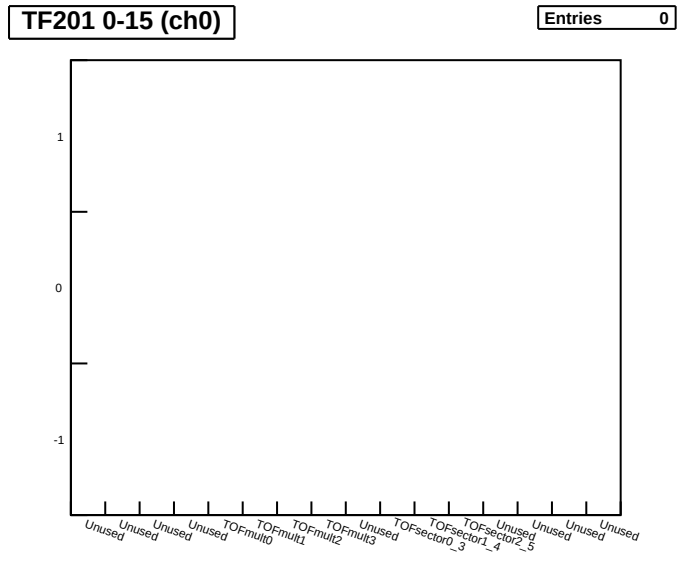

Entries 411044
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

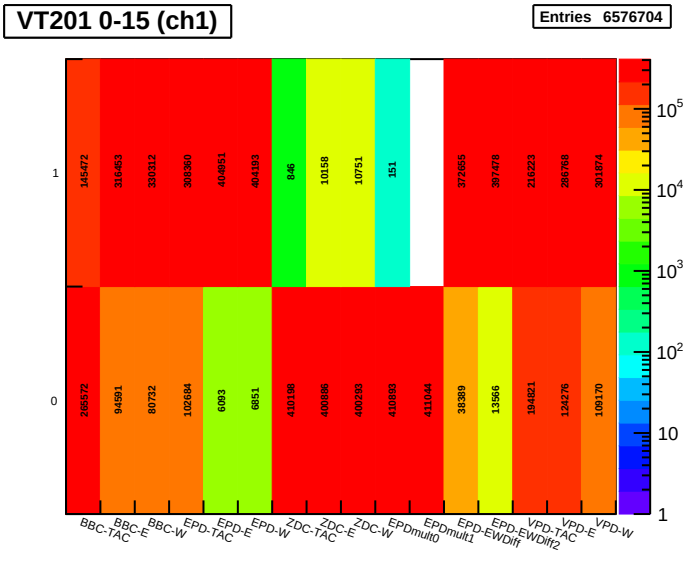

Entries 411044
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

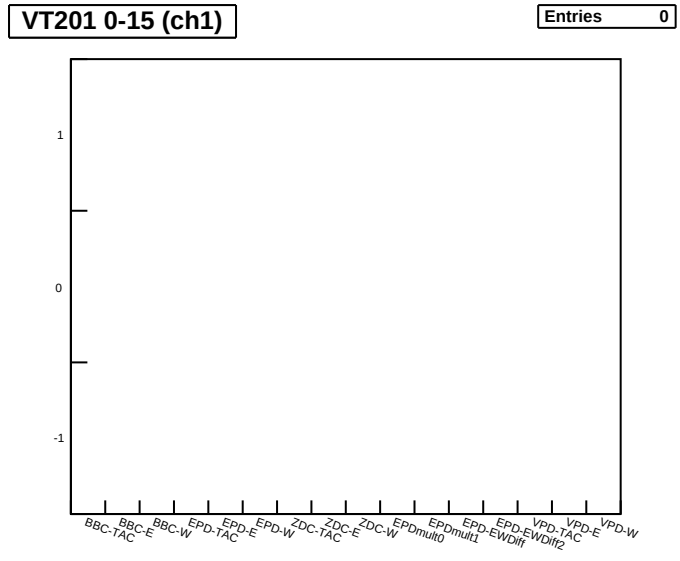

Laser Input Bits
Entries 411044
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

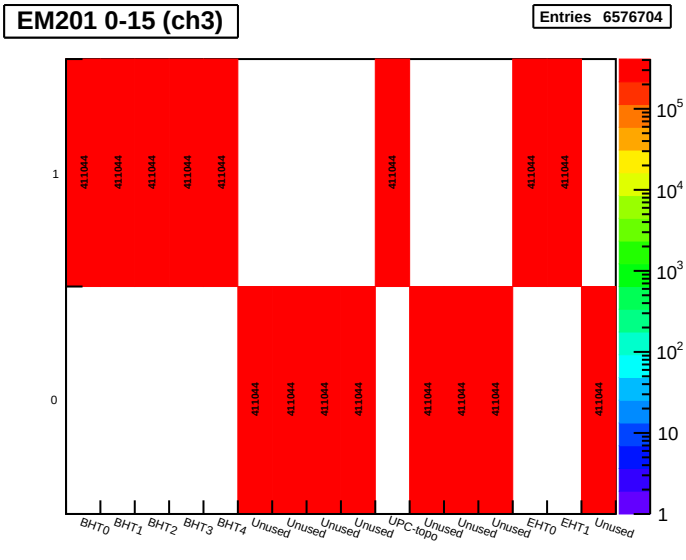

ST201 0-15 (ch6)
Entries 6576704
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411043
411031
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

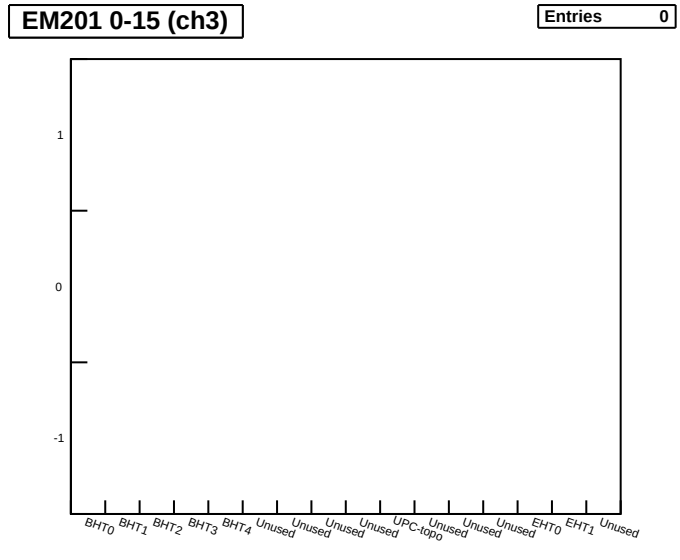

TF201 0-15 (ch0)
Entries 6576704
1
0
411044
406378
373777
358339
294870
342754
344366
339268
411044
411044
411044
411044
411044
411044
411044
4666
37267
52705
146174
411044
68290
66678
71776
411044
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6576704
1
0
145472
316453
330312
308360
404851
404193
846
10158
10751
151
372655
397478
216223
286768
301874
265572
94591
80732
102684
6093
6851
410198
400886
400293
410893
411044
38389
13566
194821
124276
109170
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 6576704
1
0
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
411044
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