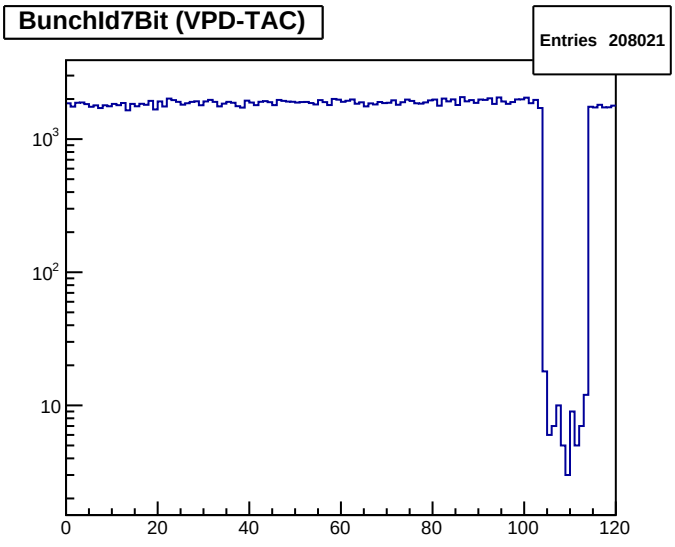
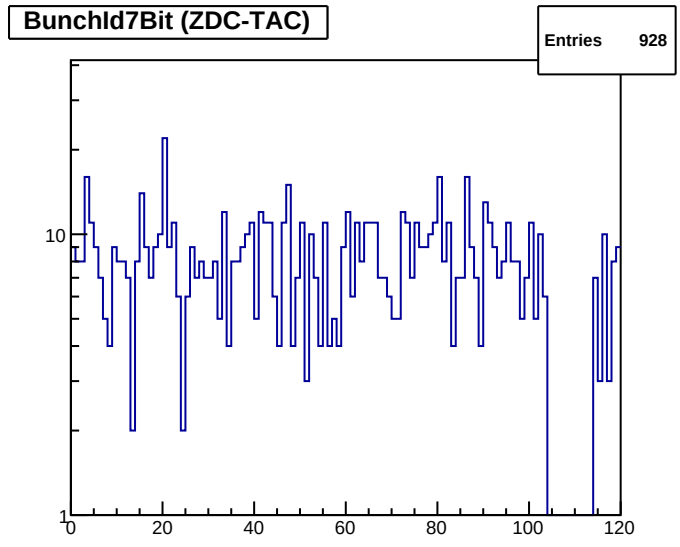
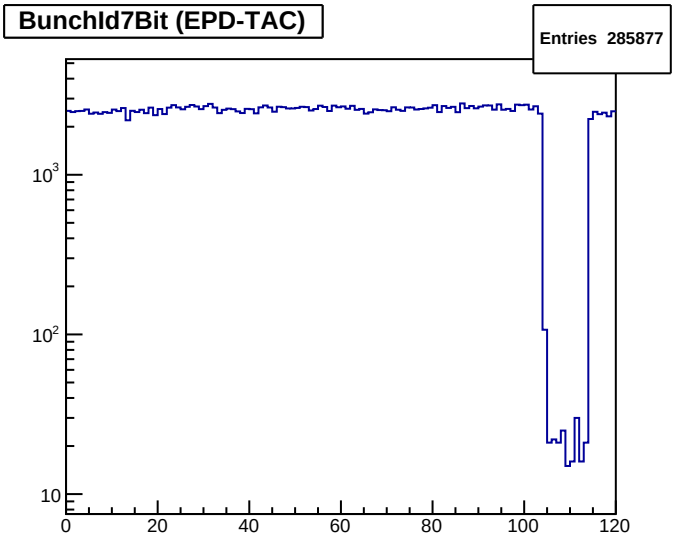
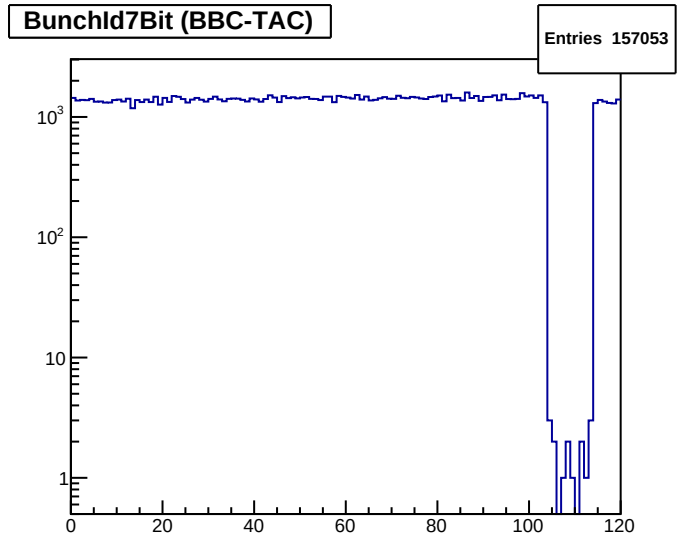
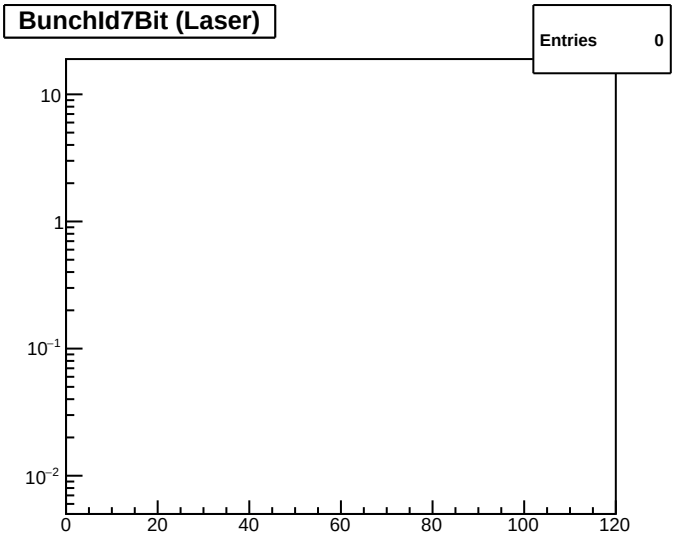
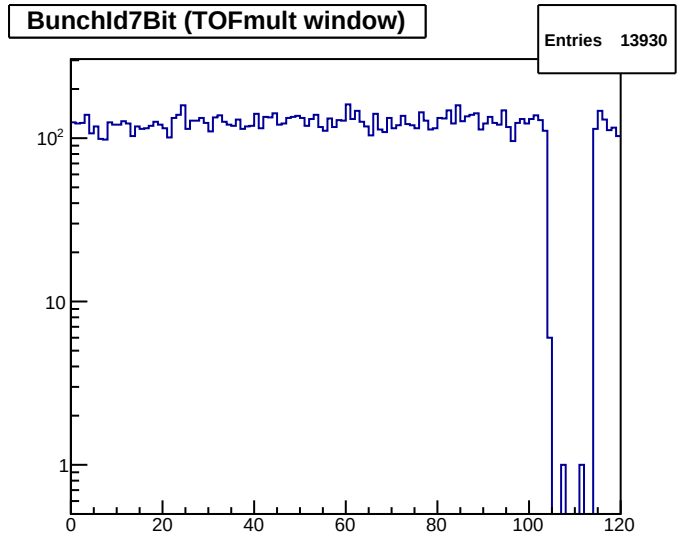

BunchId7Bit (VPD-TAC)
Entries 208021

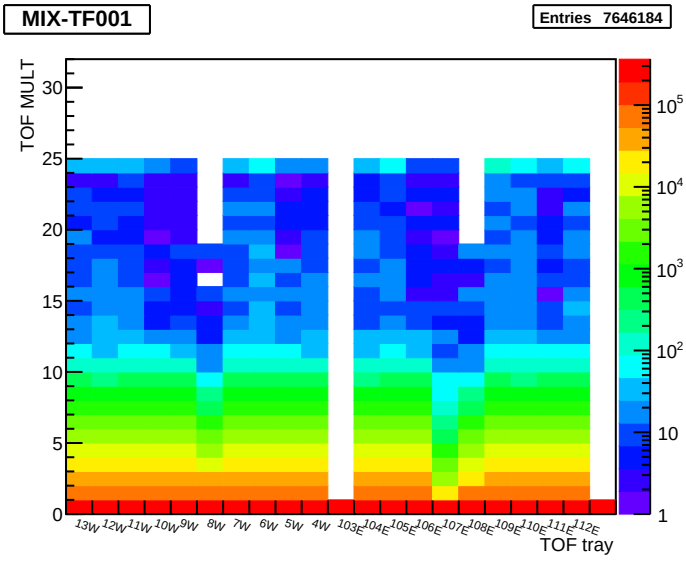

BunchId7Bit (ZDC-TAC)
Entries 928

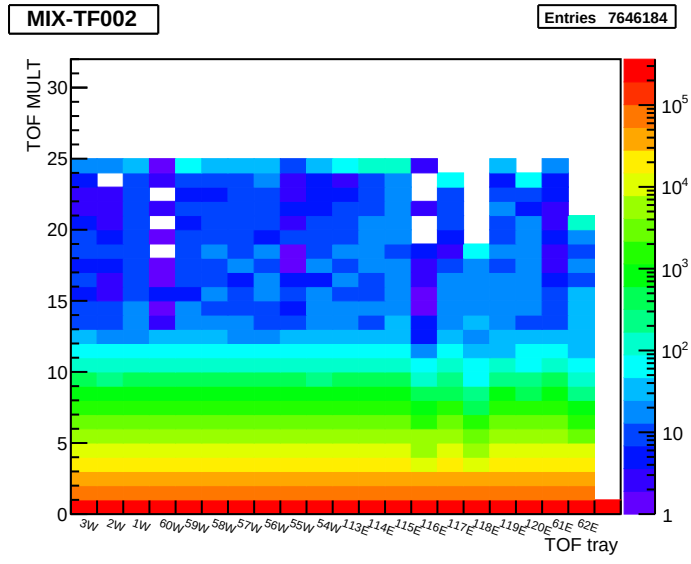

BunchId7Bit (EPD-TAC)
Entries 285877

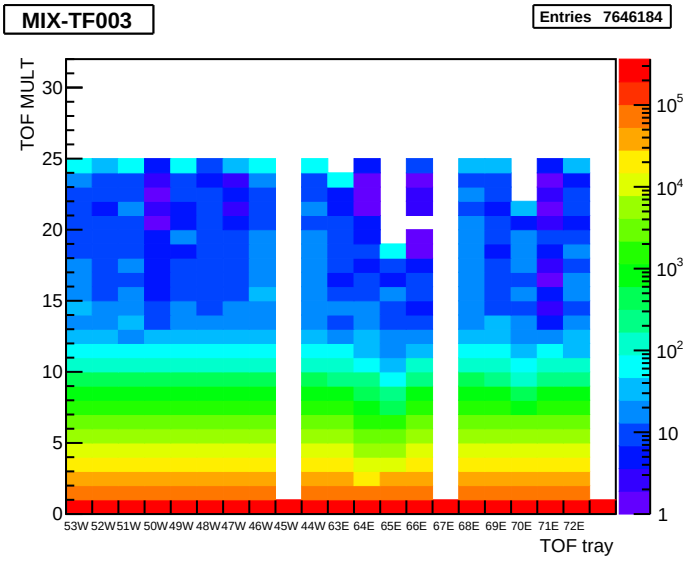

BunchId7Bit (BBC-TAC)
Entries 157053

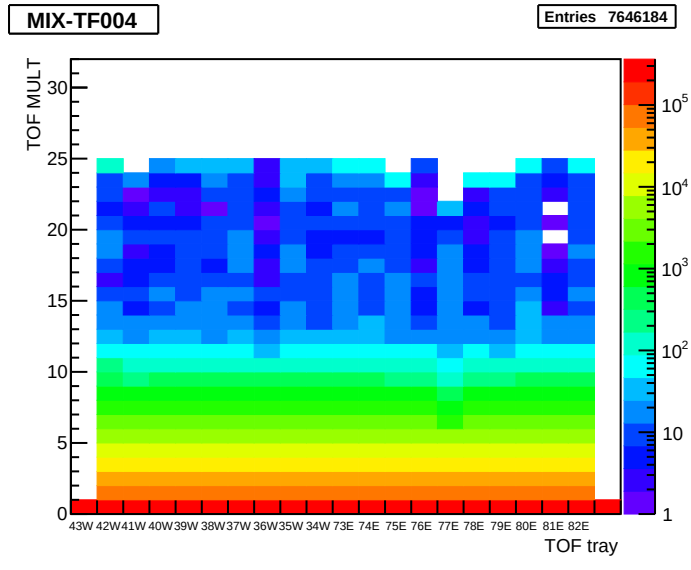

BunchId7Bit (Laser)
Entries 0

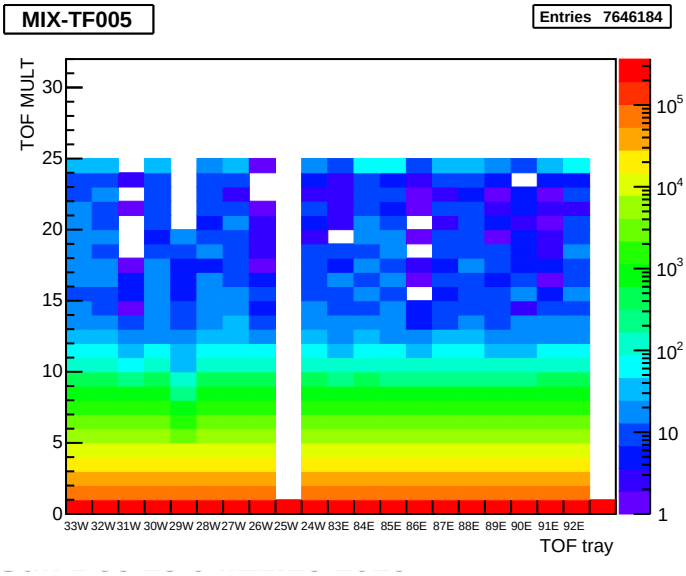

BunchId7Bit (TOFmult window)
Entries 13930

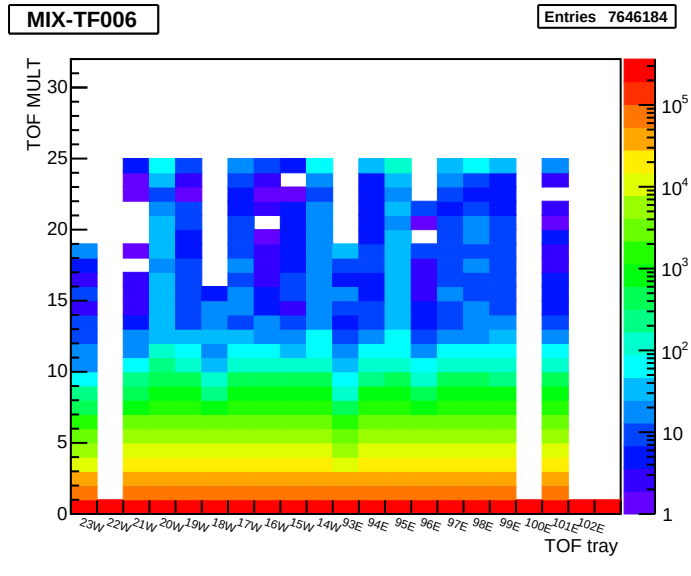

MIX-TF001
Entries 7646184
TOF MULT
TOF tray

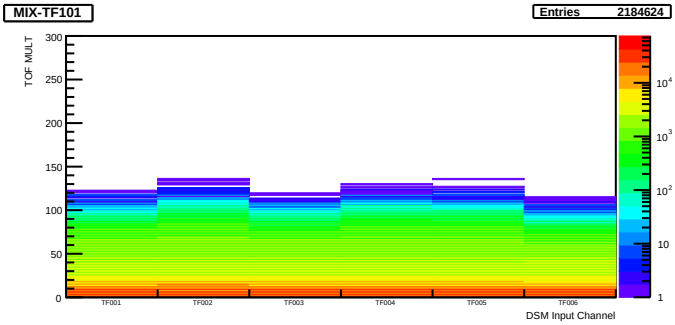

MIX-TF002
Entries 7646184
TOF MULT
TOF tray

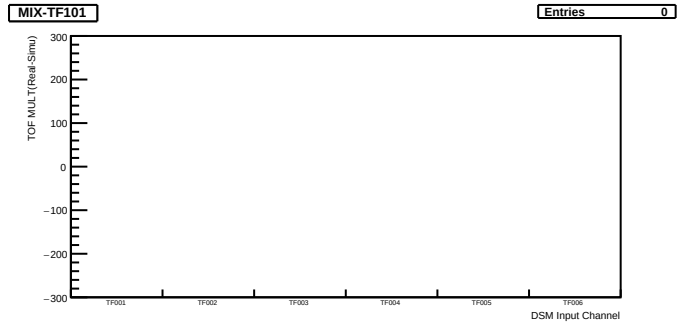

MIX-TF003
Entries 7646184
TOF MULT
TOF tray

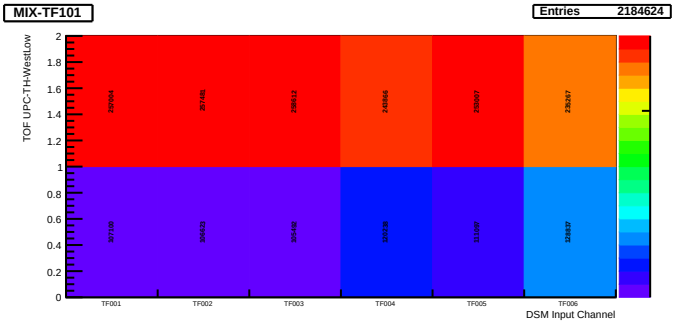

MIX-TF004
Entries 7646184
TOF MULT
TOF tray

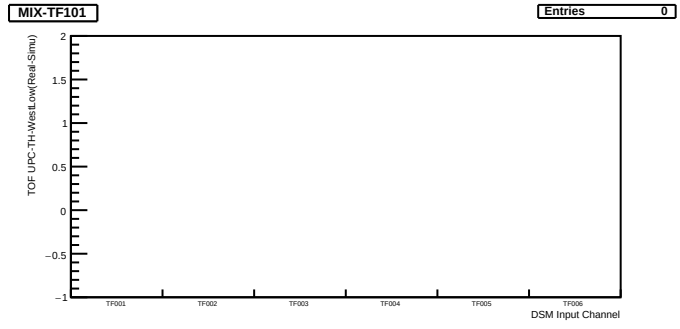

MIX-TF005
Entries 7646184
TOF MULT
TOF tray

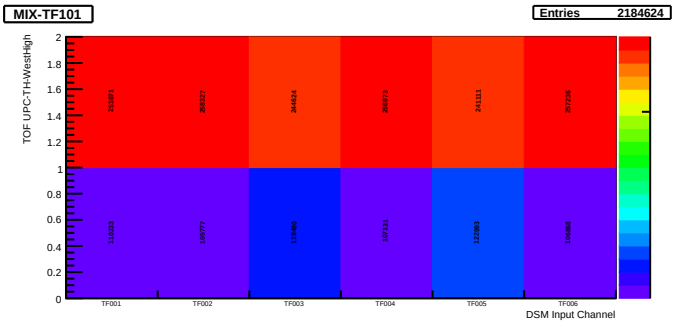

MIX-TF006
Entries 7646184
TOF MULT
TOF tray

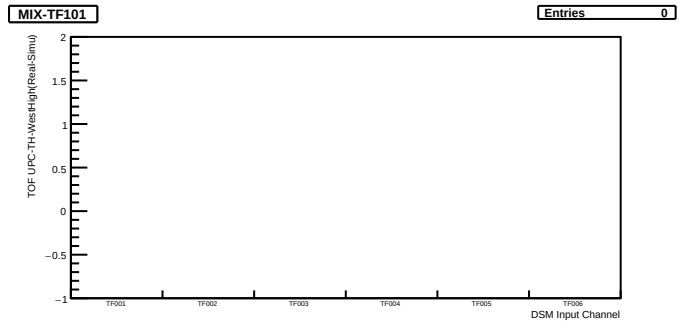

MIX-TF101
Entries 2184624
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

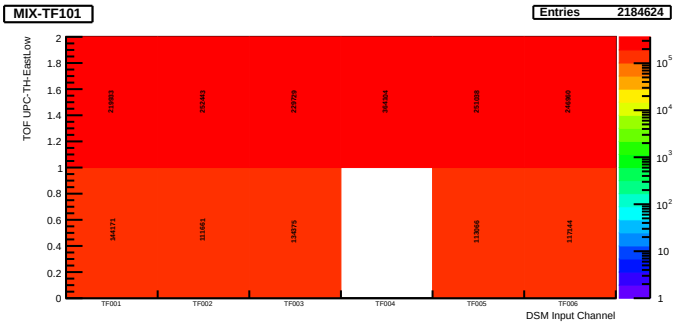

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

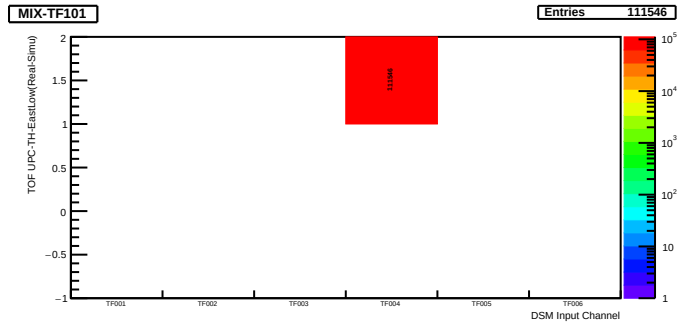

MIX-TF101
Entries 2184624
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

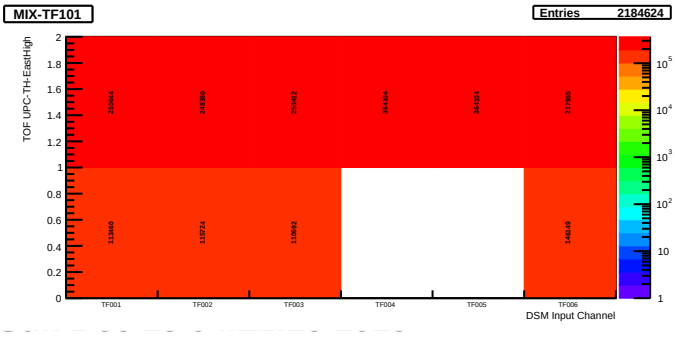

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

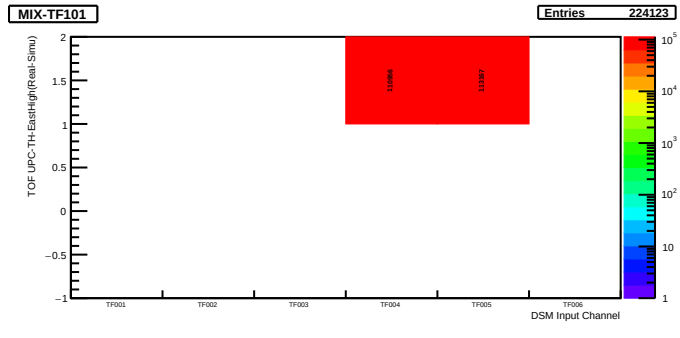

MIX-TF101
Entries 2184624
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

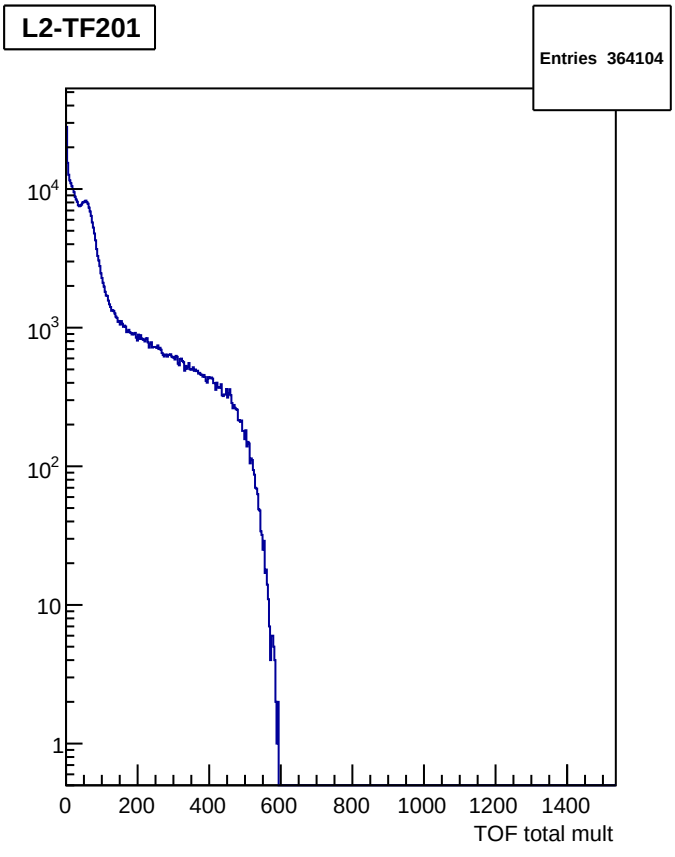

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

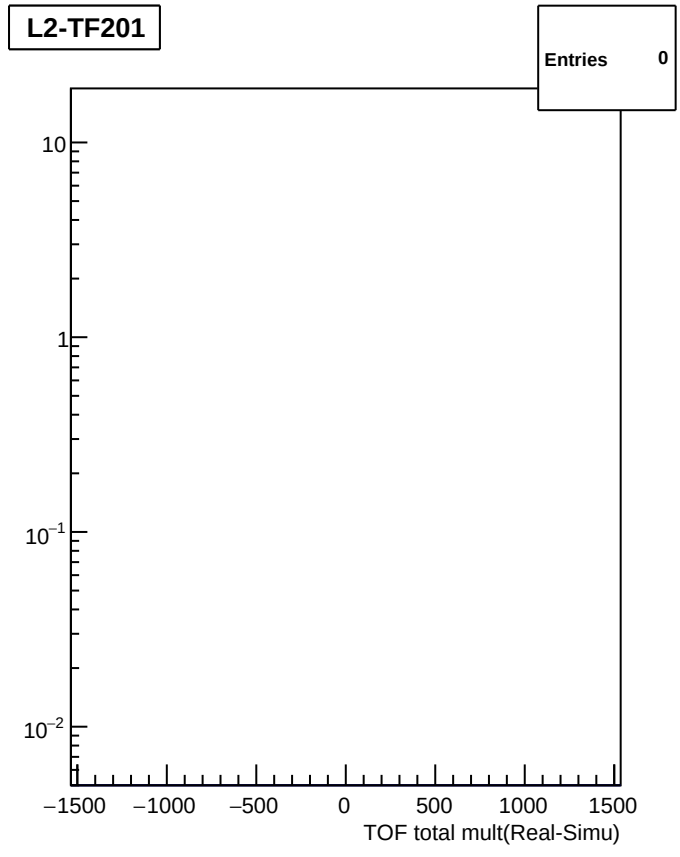

MIX-TF101
Entries 2184624
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

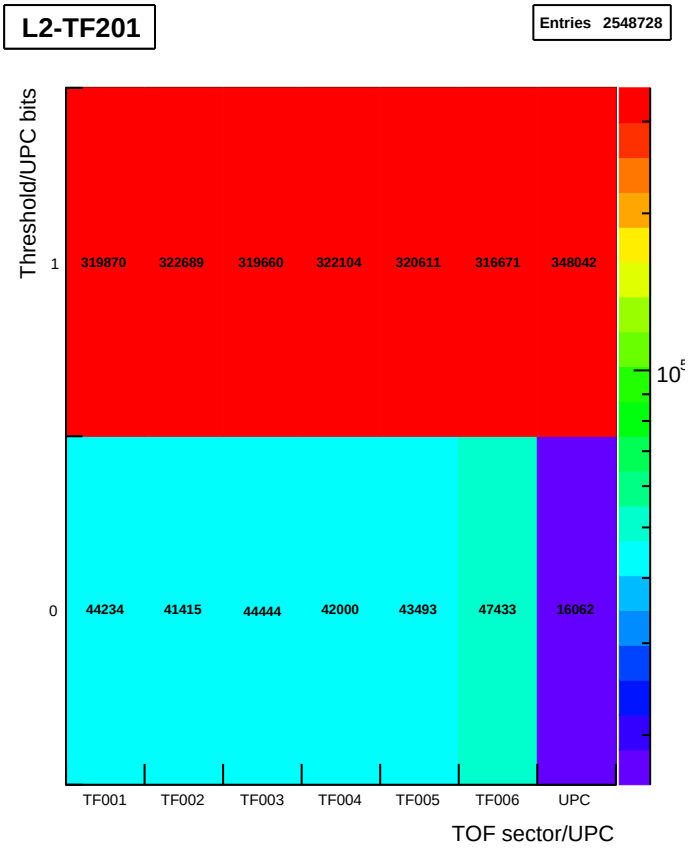

MIX-TF101
Entries 111546
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

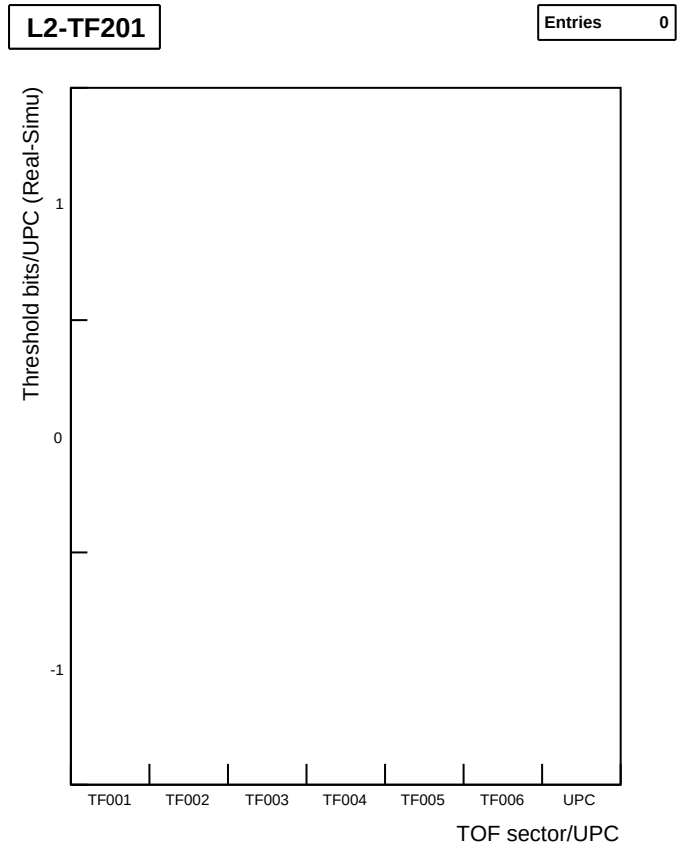

MIX-TF101
Entries 2184624
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

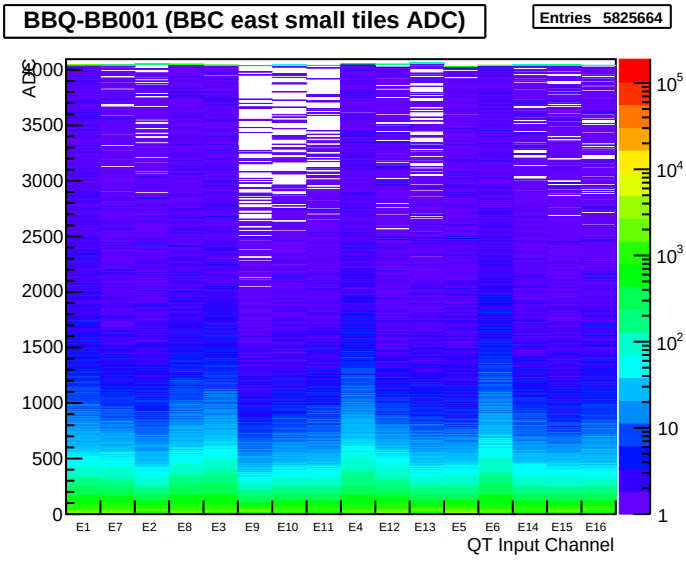

MIX-TF101
Entries 224123
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

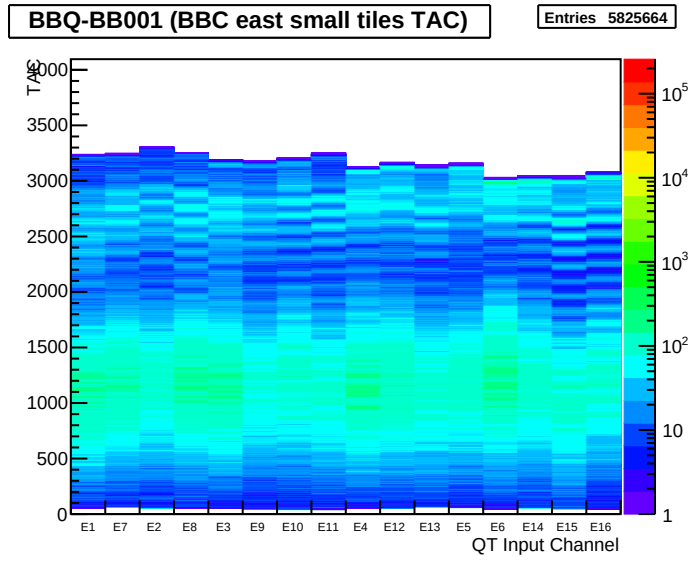

L2-TF201
Entries 364104
TOF total mult

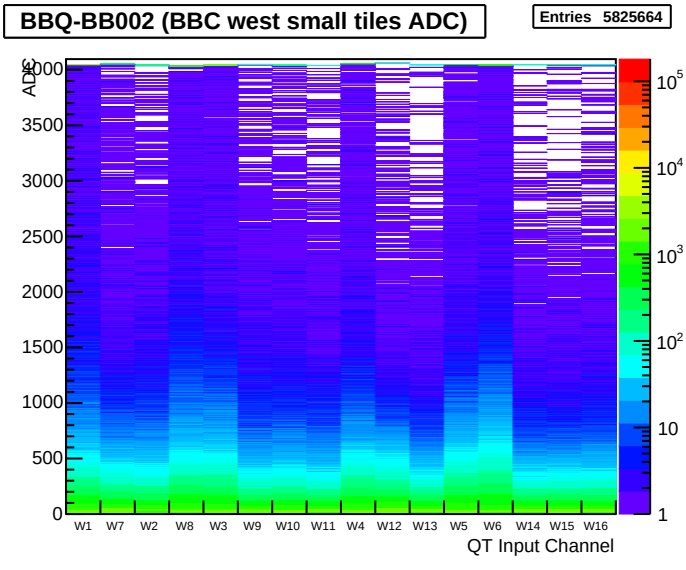

L2-TF201
Entries 0
TOF total mult(Real-Simu)

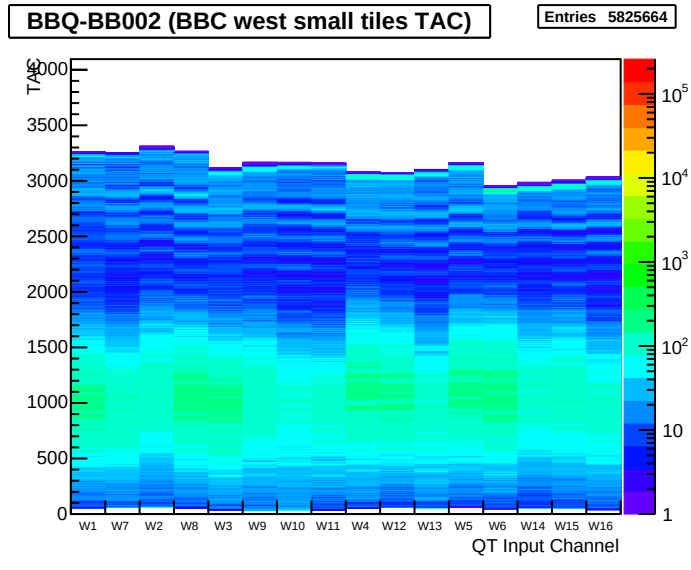

L2-TF201
Entries 2548728
Threshold/UPC bits
319870
322689
319660
322104
320611
316671
348042
44234
41415
44444
42000
43493
47433
16062
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

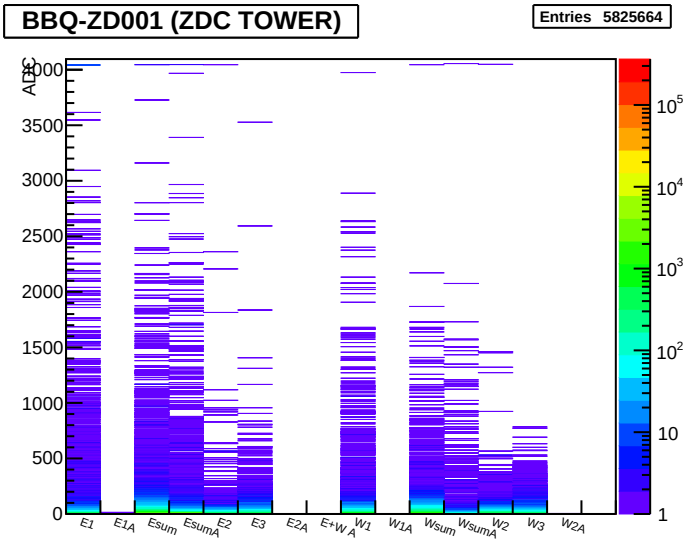

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

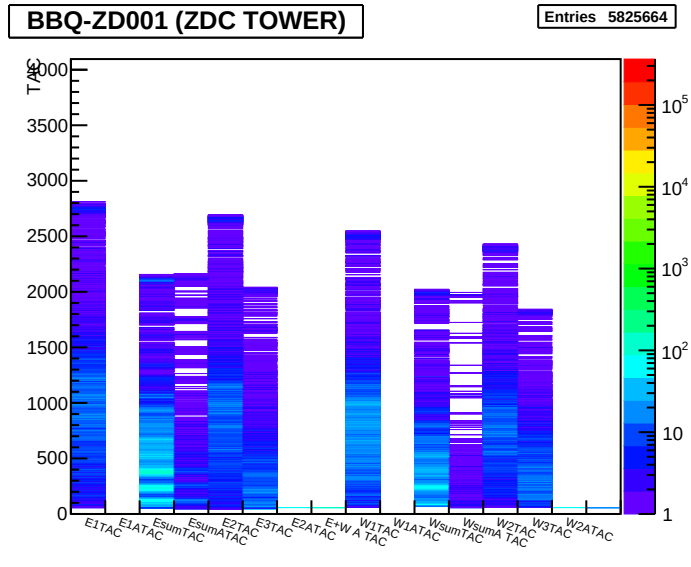

BBQ-BB001 (BBC east small tiles ADC)
Entries 5825664
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

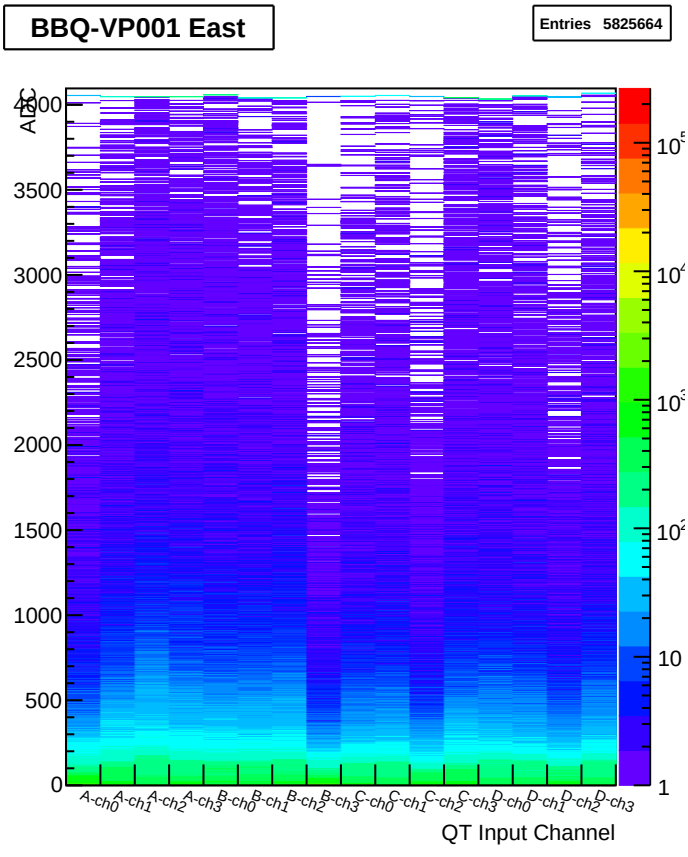

BBQ-BB001 (BBC east small tiles TAC)
Entries 5825664
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

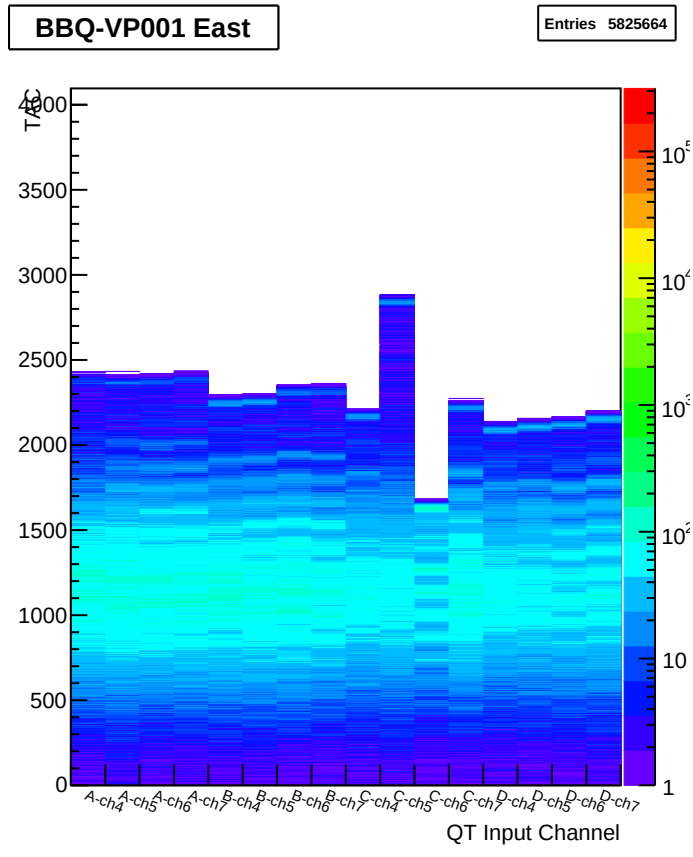

BBQ-BB002 (BBC west small tiles ADC)
Entries 5825664
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

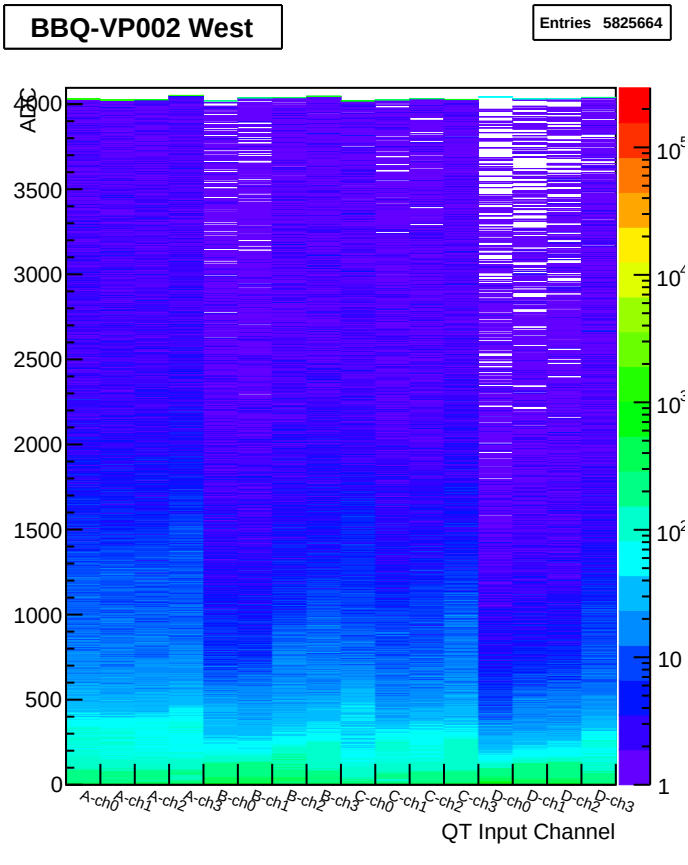

BBQ-BB002 (BBC west small tiles TAC)
Entries 5825664
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

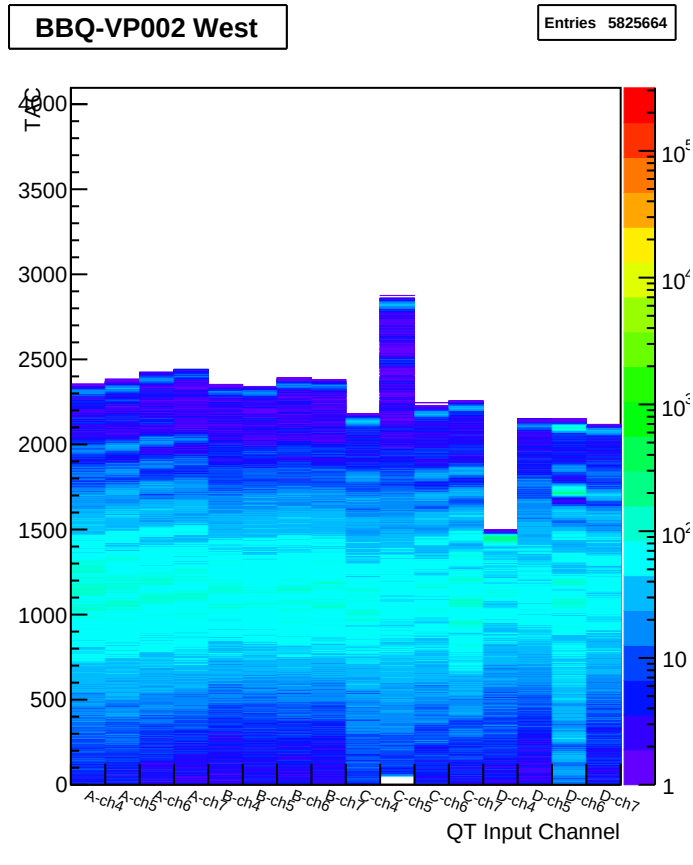

BBQ-ZD001 (ZDC TOWER)
Entries 5825664
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

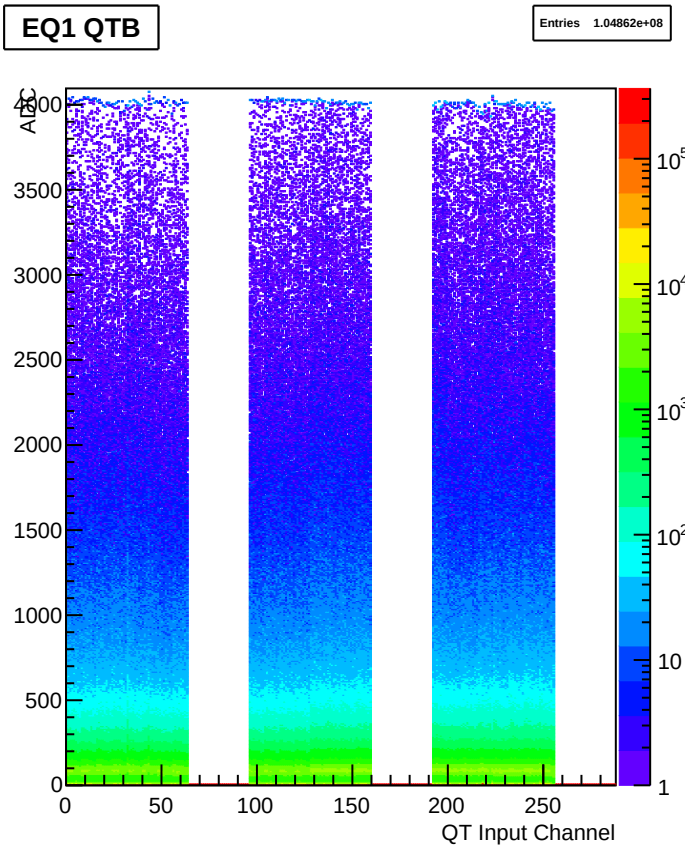

BBQ-ZD001 (ZDC TOWER)
Entries 5825664
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

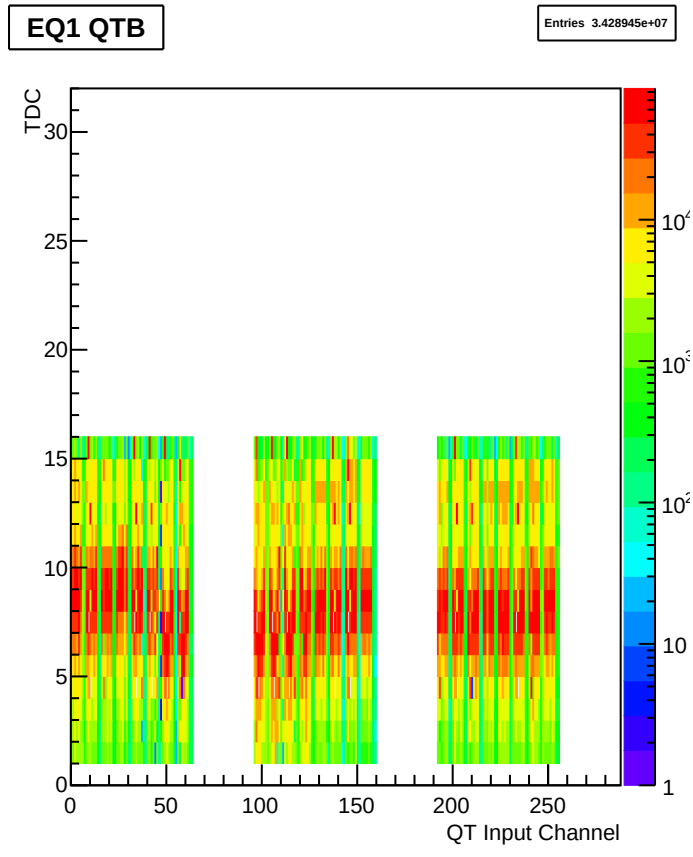

BBQ-VP001 East
Entries 5825664
ADC
QT Input Channel

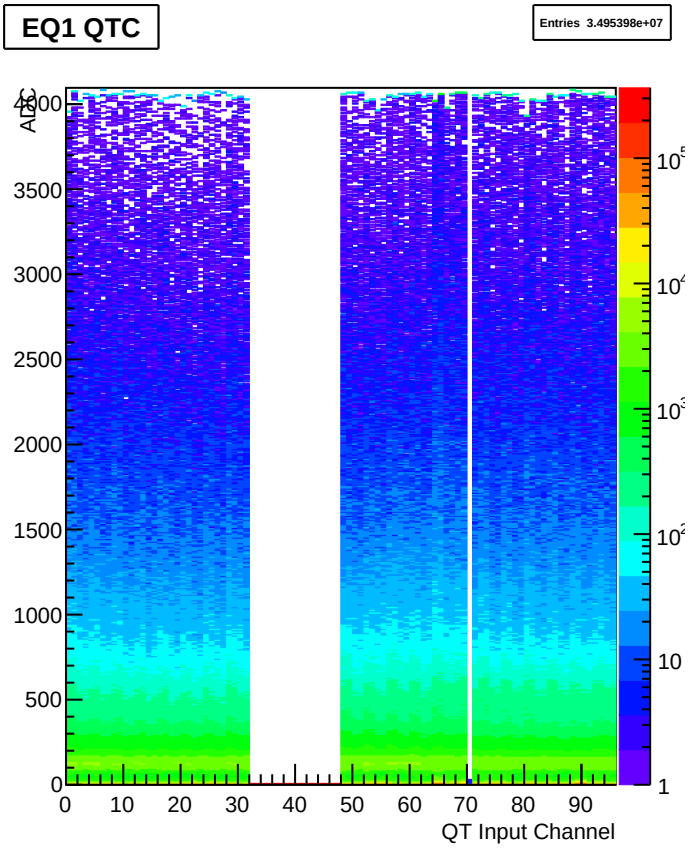

BBQ-VP001 East
Entries 5825664
TADC
QT Input Channel

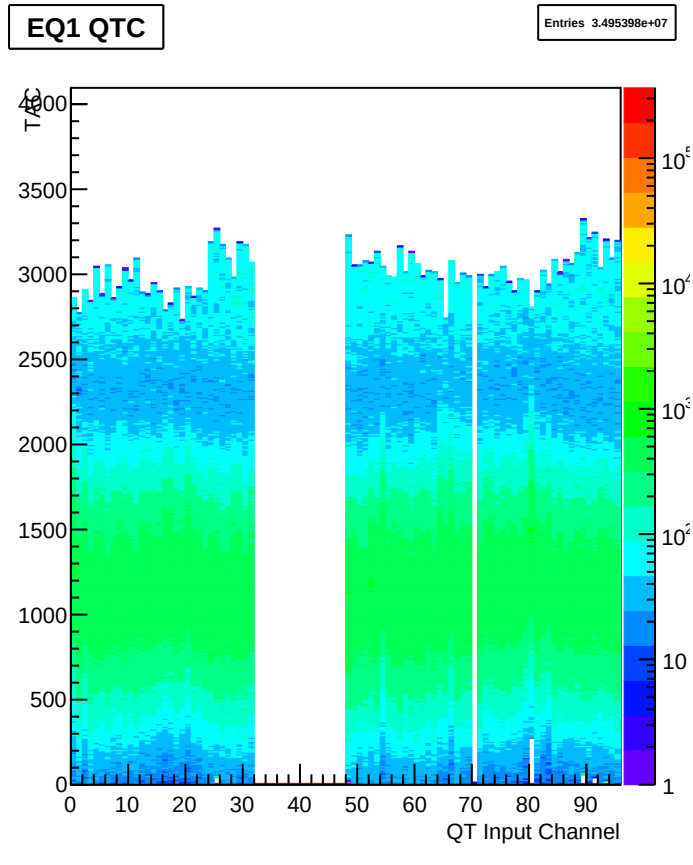

BBQ-VP002 West
Entries 5825664
ADC
QT Input Channel

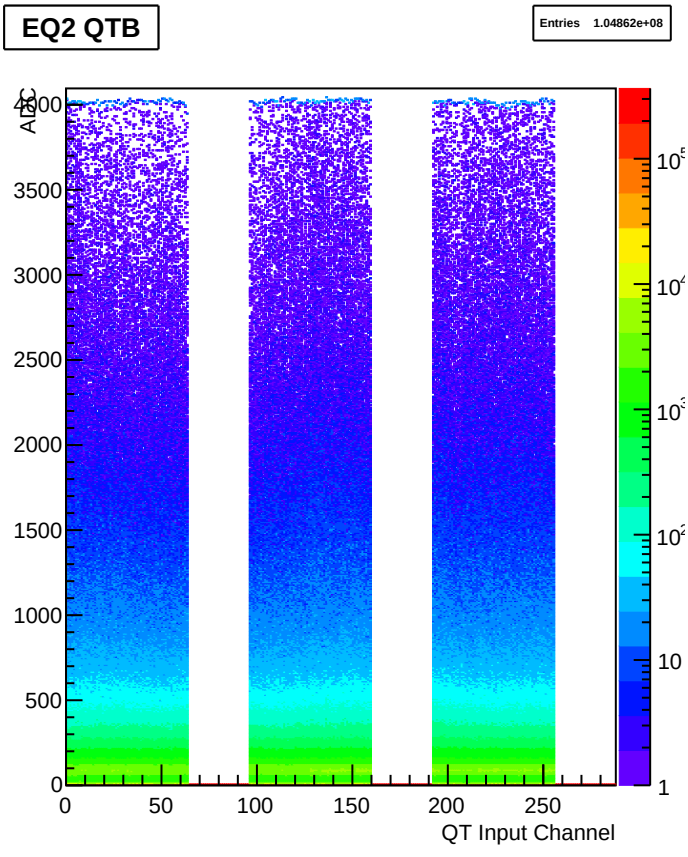

BBQ-VP002 West
Entries 5825664
TADC
QT Input Channel

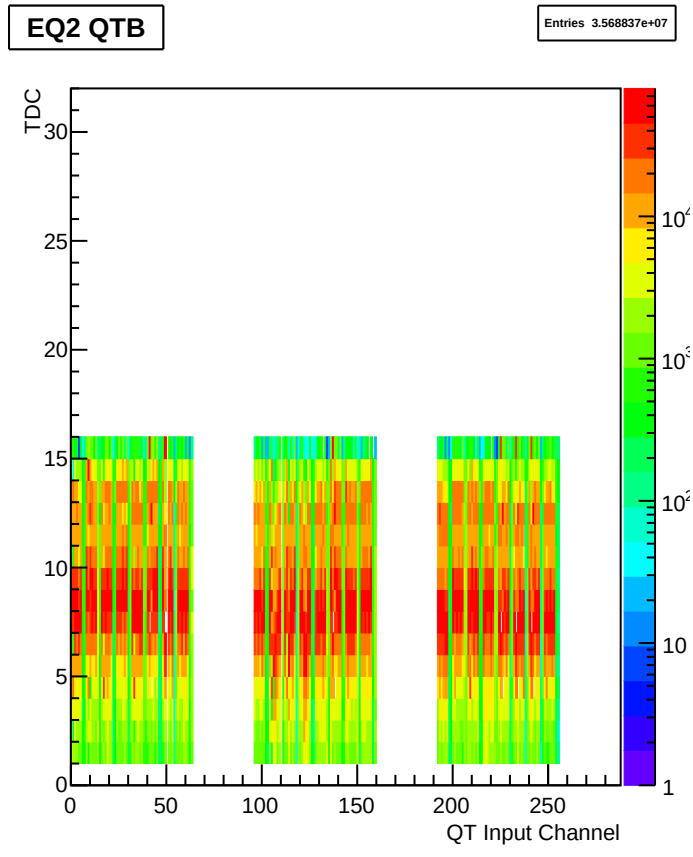

EQ1 QTB
Entries 1.04862e+08
ADC
QT Input Channel

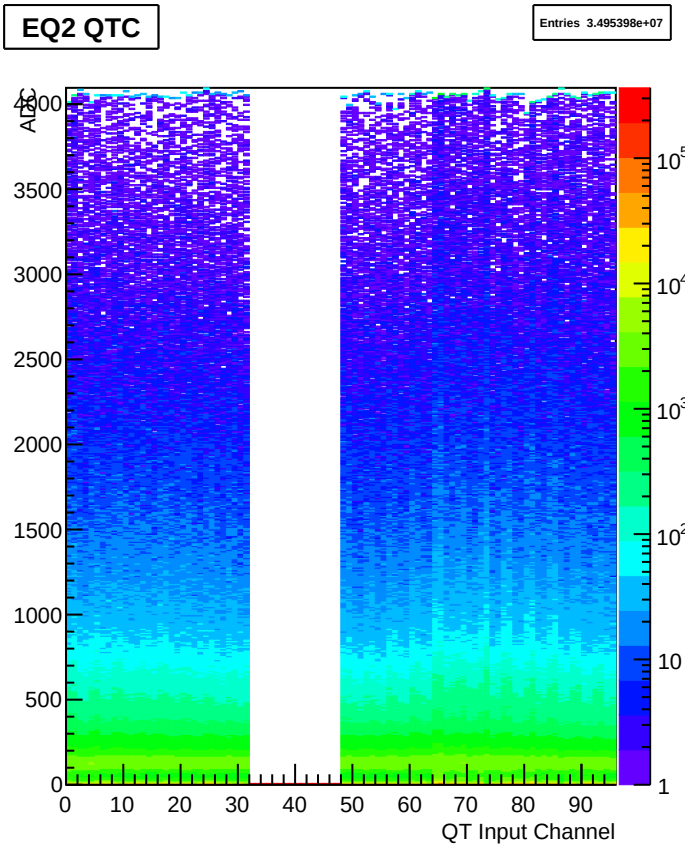

EQ1 QTB
Entries 3.428945e+07
TDC
QT Input Channel

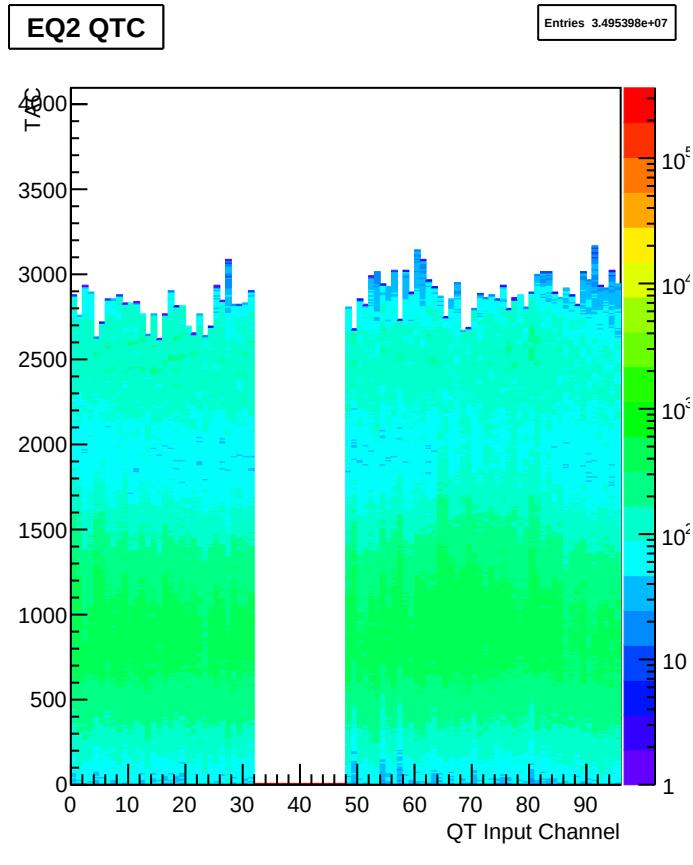

EQ1 QTC
Entries 3.495398e+07
ADC
QT Input Channel

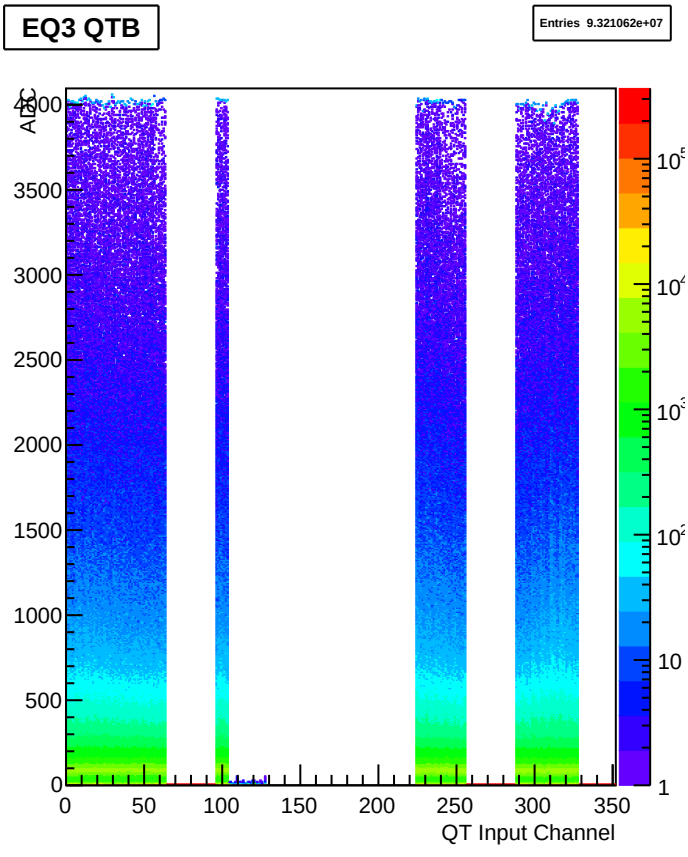

EQ1 QTC
Entries 3.495398e+07
TADC
QT Input Channel

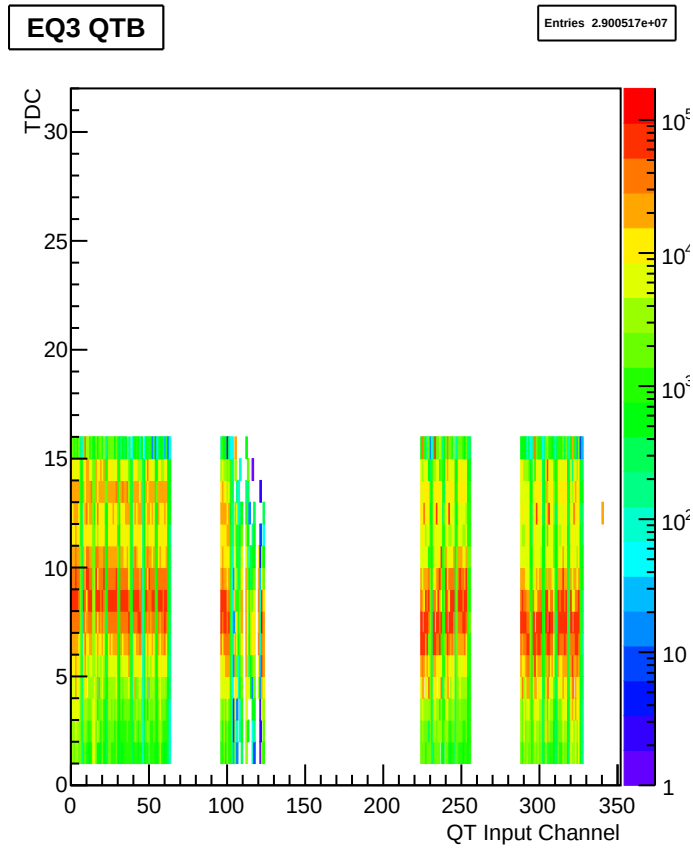

EQ2 QTB
Entries 1.04862e+08
ADC
QT Input Channel

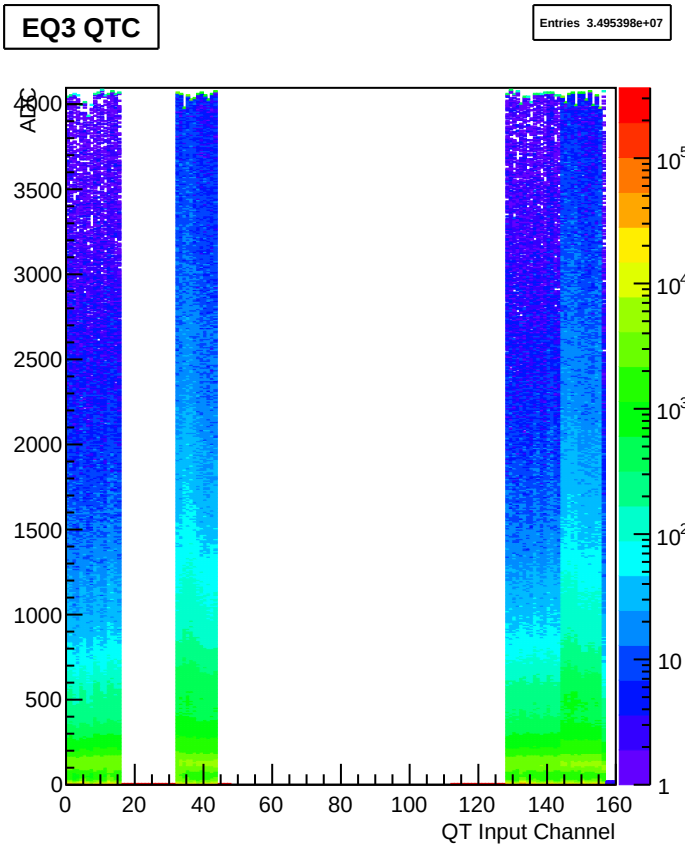

EQ2 QTB
Entries 3.568837e+07
TDC
QT Input Channel

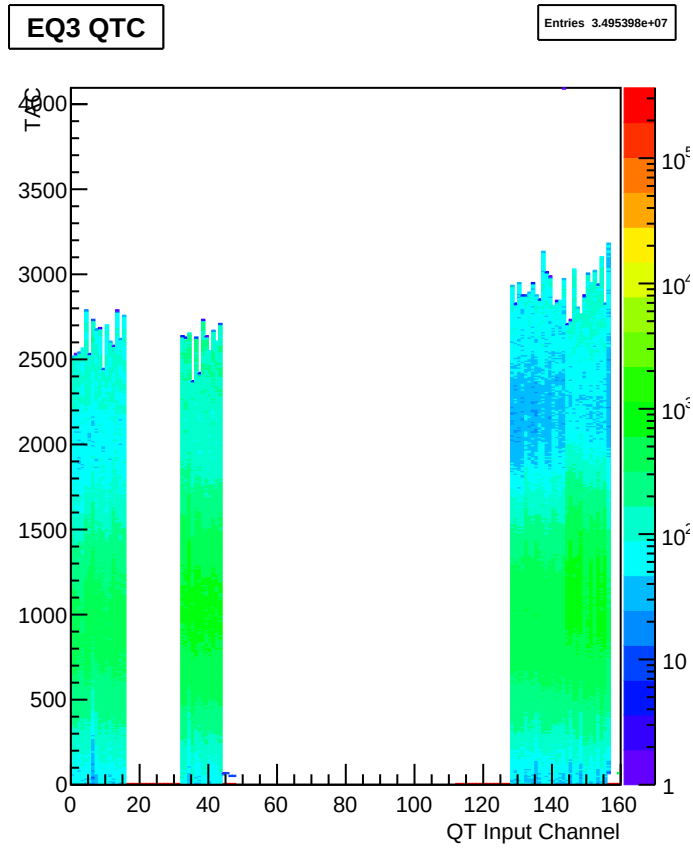

EQ2 QTC
Entries 3.495398e+07
ADC
QT Input Channel

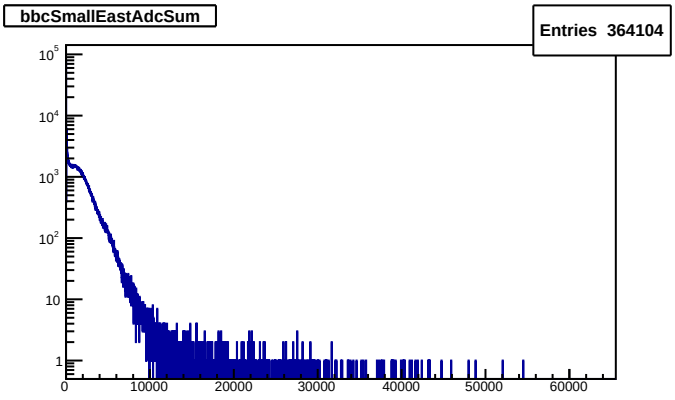

EQ2 QTC
Entries 3.495398e+07
TADC
QT Input Channel

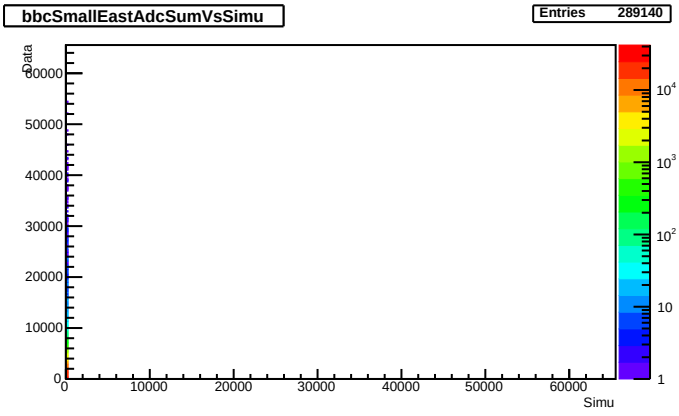

EQ3 QTB
Entries 9.321062e+07
ADC
QT Input Channel

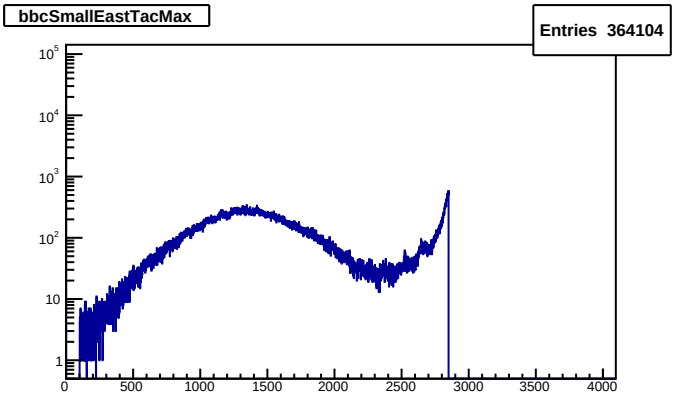

EQ3 QTB
Entries 2.900517e+07
TDC
QT Input Channel

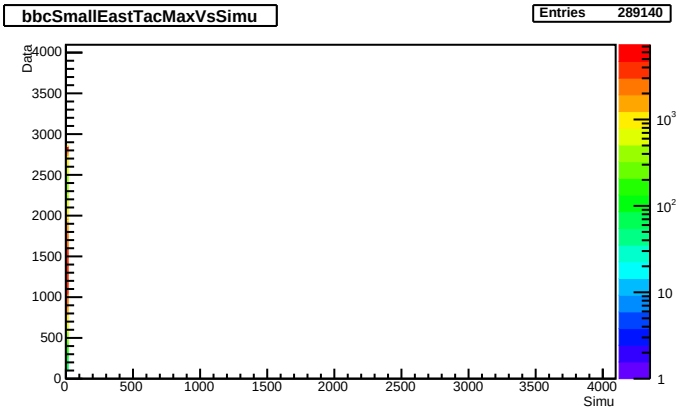

EQ3 QTC
Entries 3.495398e+07
ADC
QT Input Channel

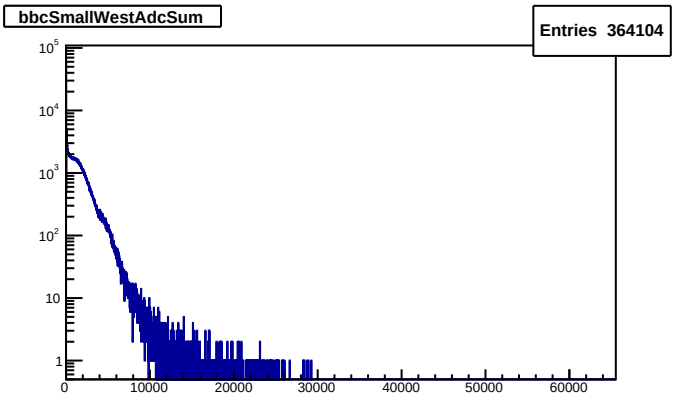

EQ3 QTC
Entries 3.495398e+07
TADC
QT Input Channel

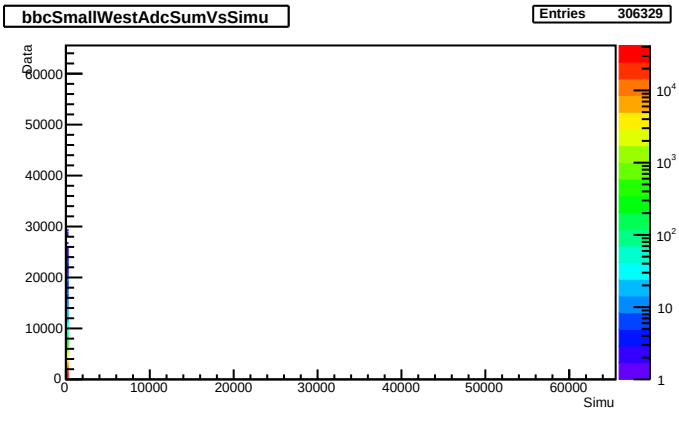

bbcSmallEastAdcSum
Entries 364104

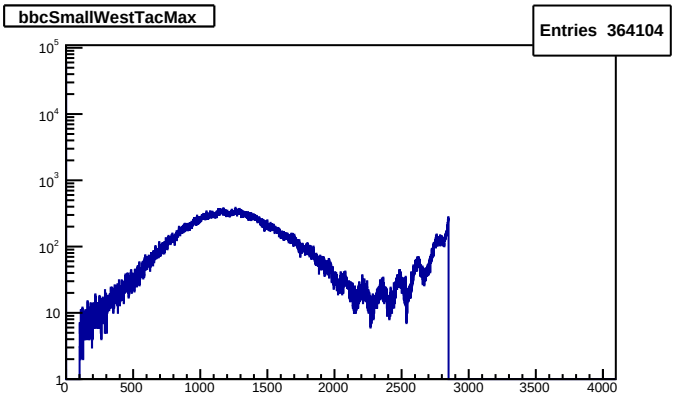

bbcSmallEastAdcSumVsSimu
Entries 289140
Data
Simu

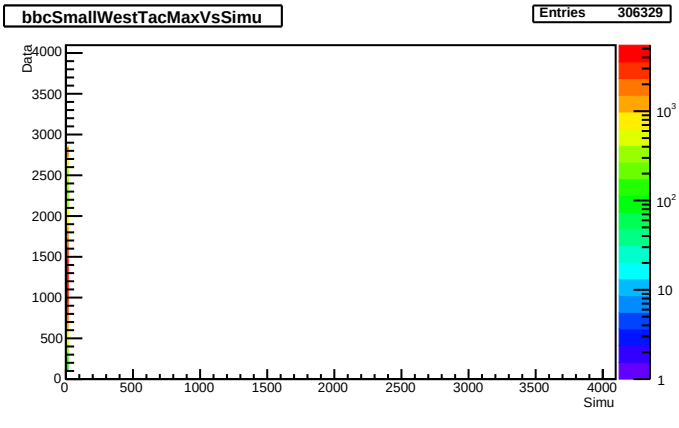

bbcSmallEastTacMax
Entries 364104

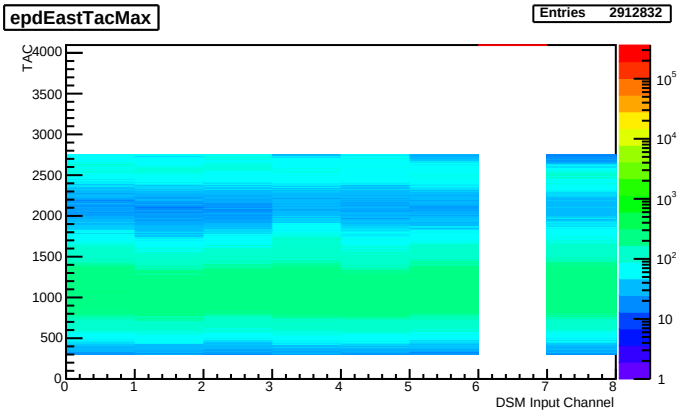

bbcSmallEastTacMaxVsSimu
Entries 289140
Data
Simu

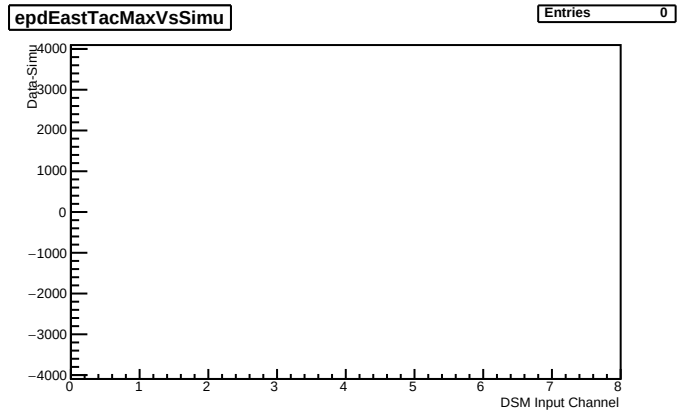

bbcSmallWestAdcSum
Entries 364104

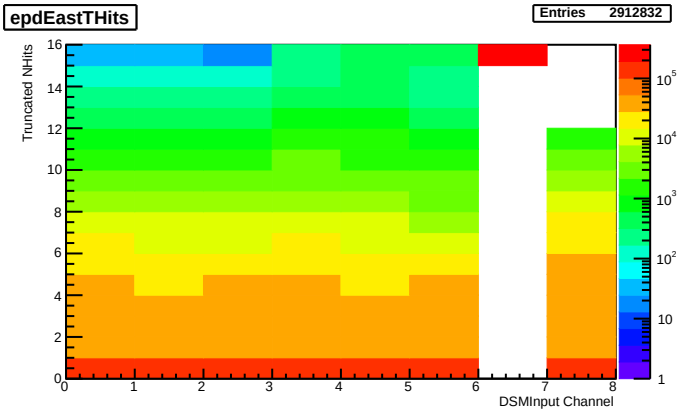

bbcSmallWestAdcSumVsSimu
Entries 306329
Data
Simu

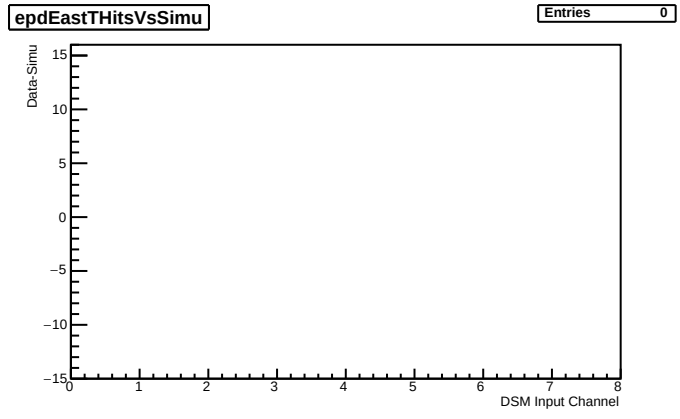

bbcSmallWestTacMax
Entries 364104

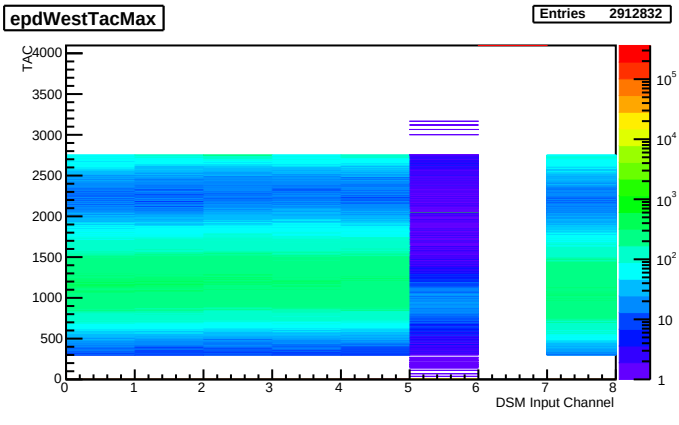

bbcSmallWestTacMaxVsSimu
Entries 306329
Data
Simu

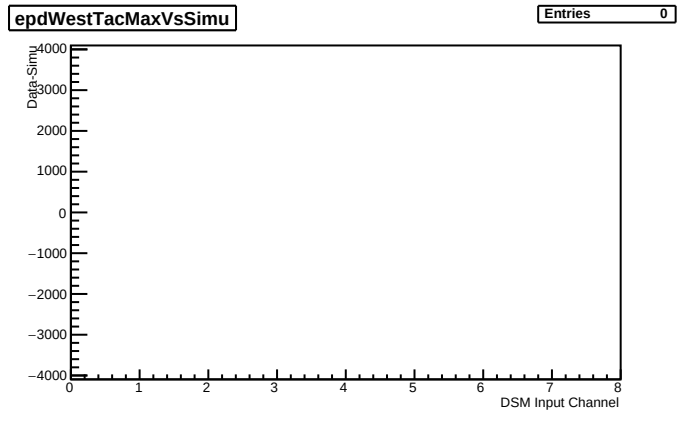

epdEastTacMax
Entries 2912832
TAC
DSM Input Channel

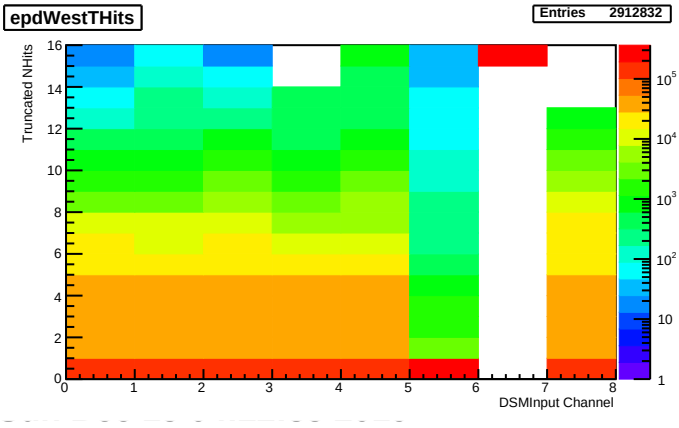

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

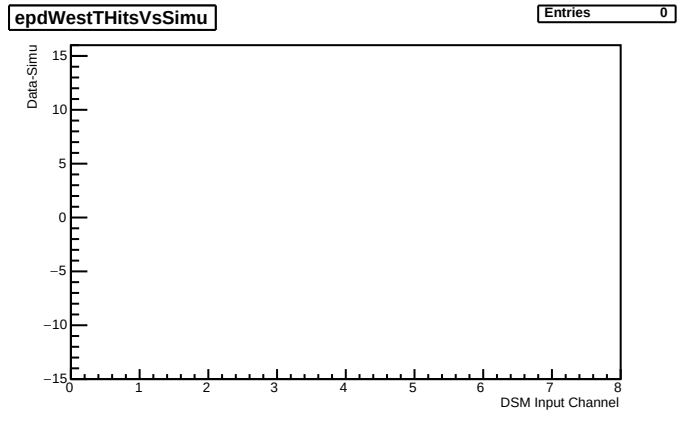

epdEastTHits
Entries 2912832
Truncated NHits
DSMInput Channel

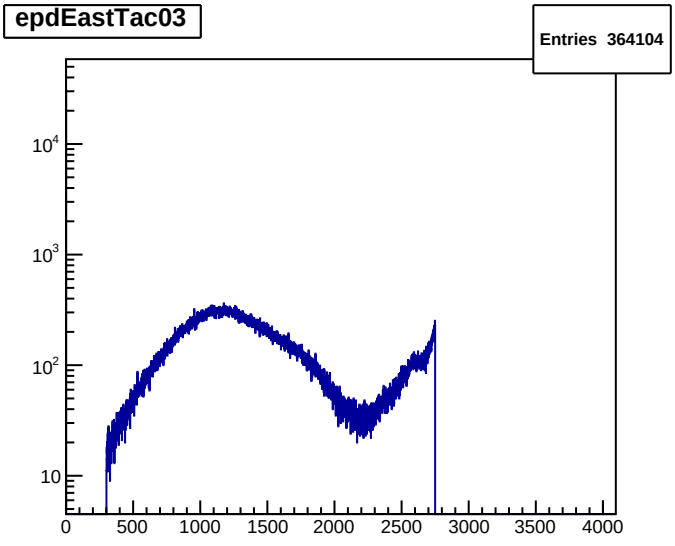

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

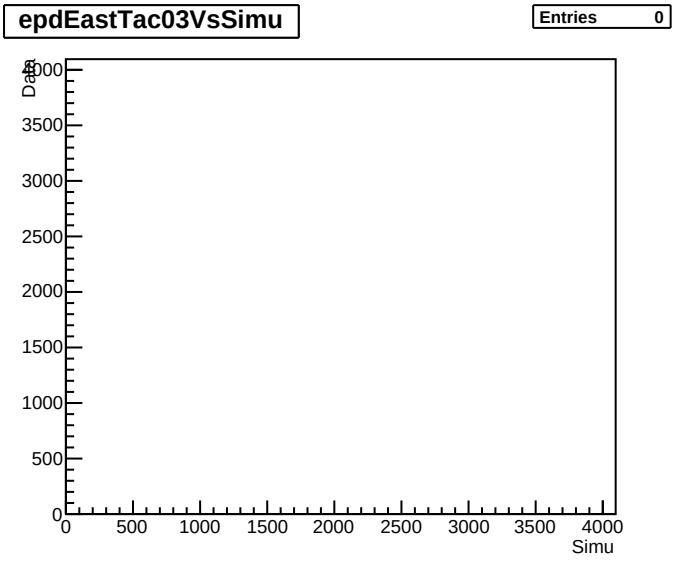

epdWestTacMax
Entries 2912832
TAC
DSM Input Channel

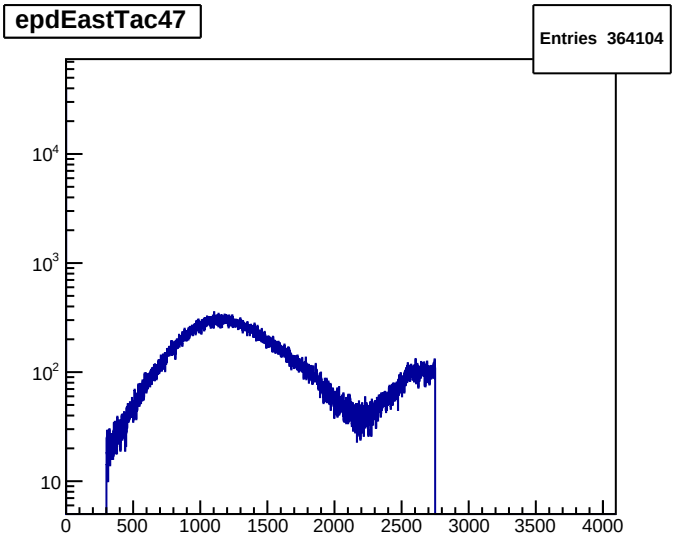

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

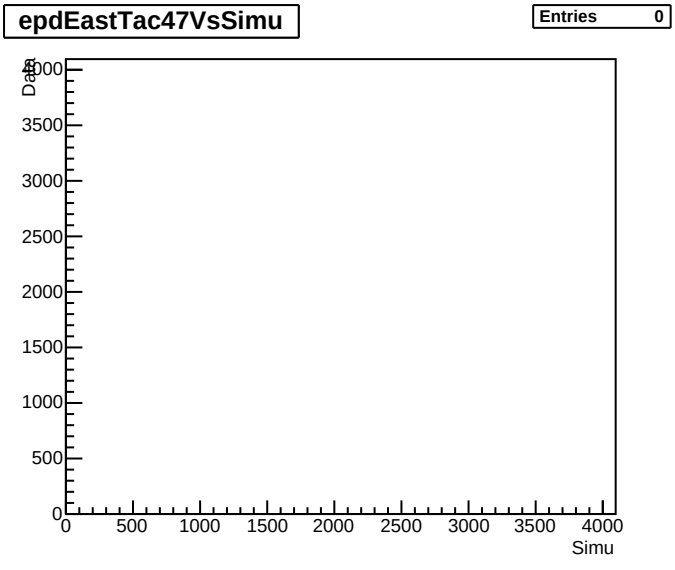

epdWestTHits
Entries 2912832
Truncated NHits
DSMInput Channel

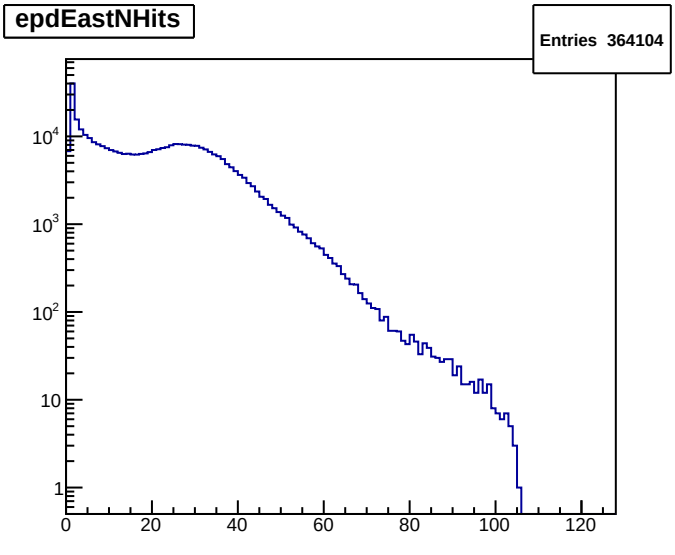

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

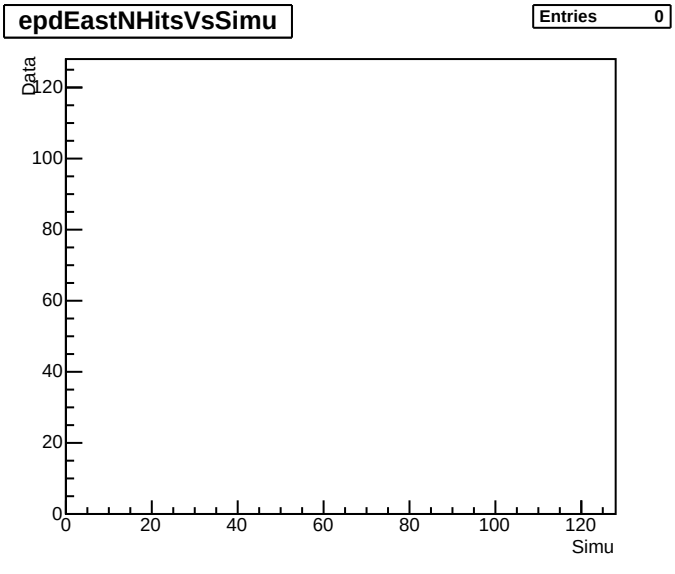

epdEastTac03
Entries 364104

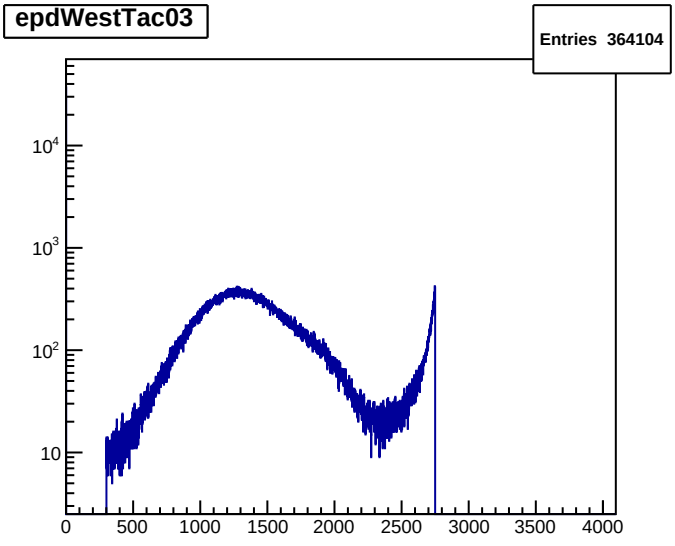

epdEastTac03VsSimu
Entries 0
Data
Simu

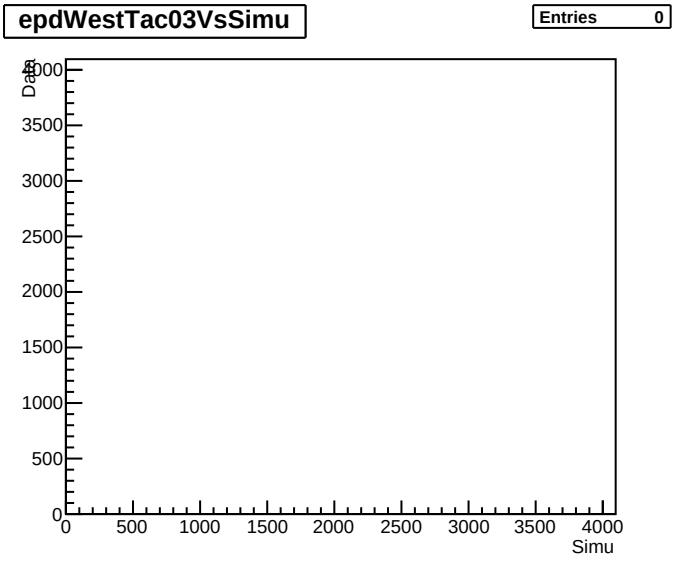

epdEastTac47
Entries 364104

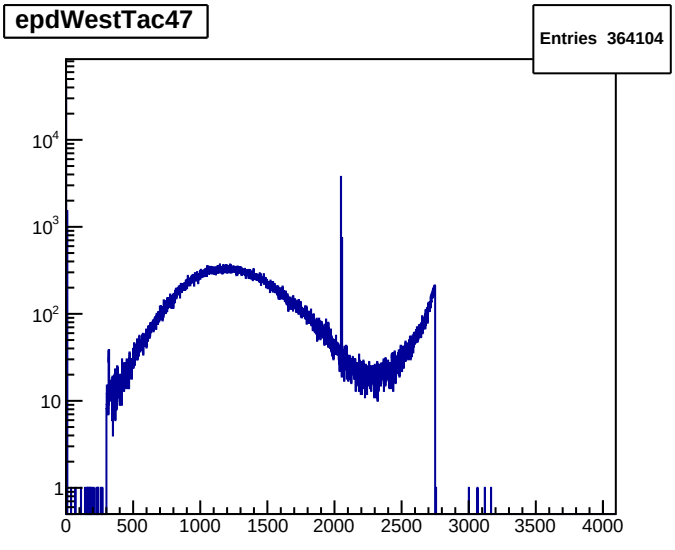

epdEastTac47VsSimu
Entries 0
Data
Simu

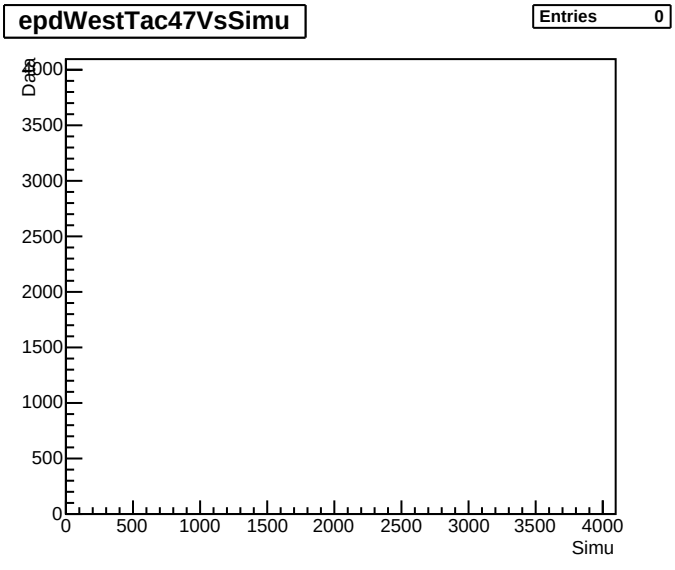

epdEastNHits
Entries 364104

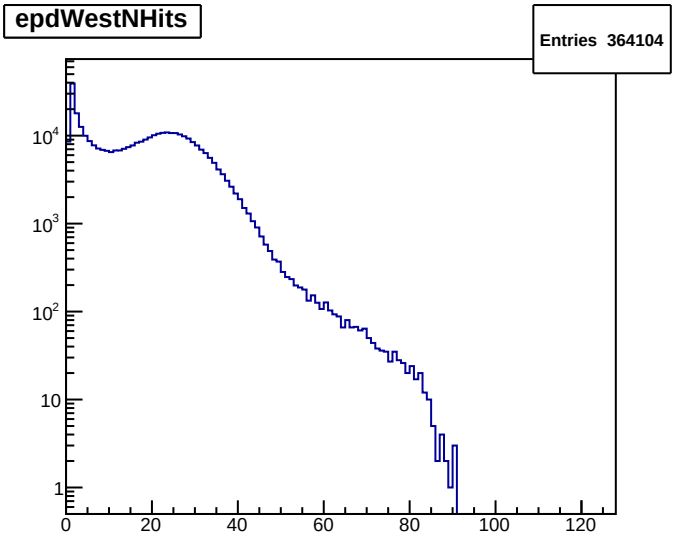

epdEastNHitsVsSimu
Entries 0
Data
Simu

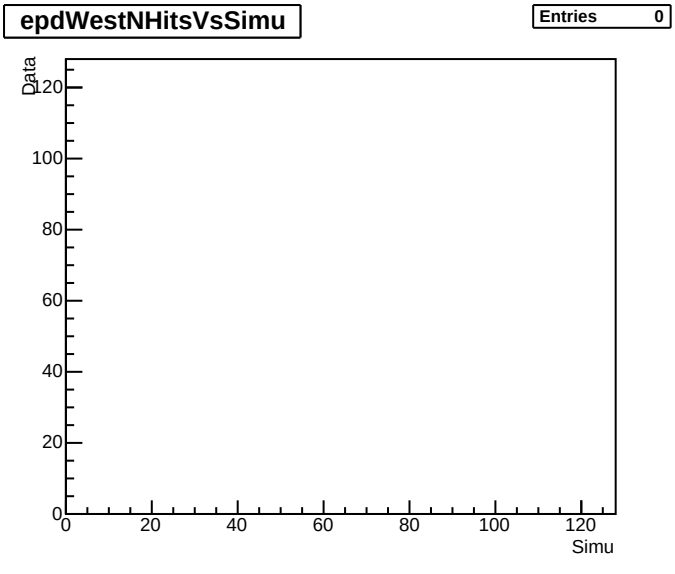

epdWestTac03
Entries 364104
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

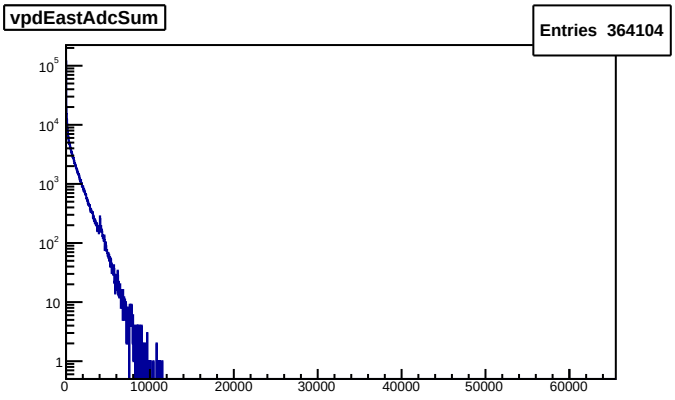

epdWestTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

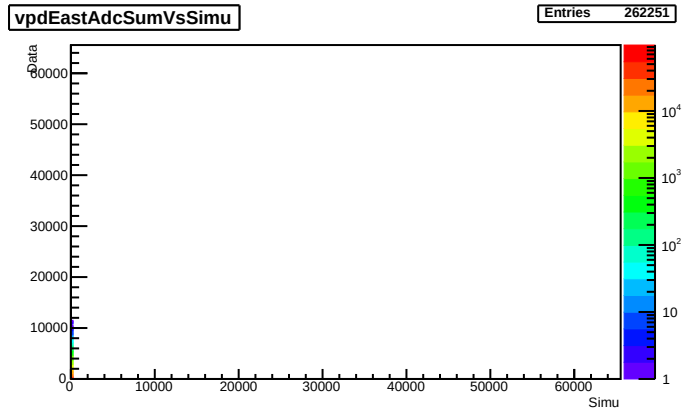

epdWestTac47
Entries 364104
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

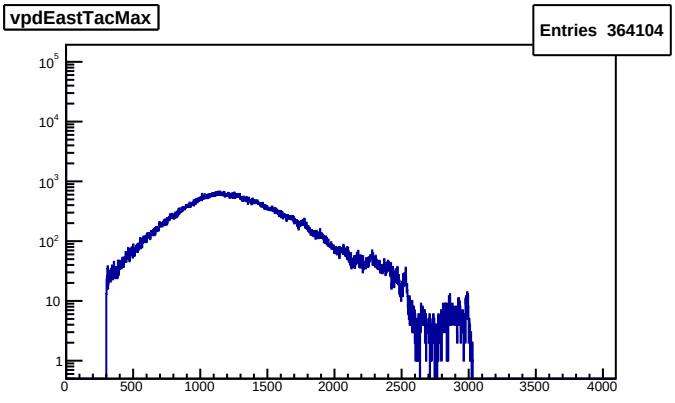

epdWestTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

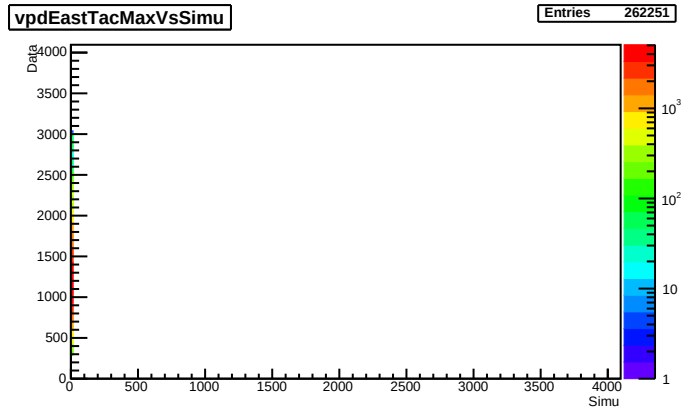

epdWestNHits
Entries 364104
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

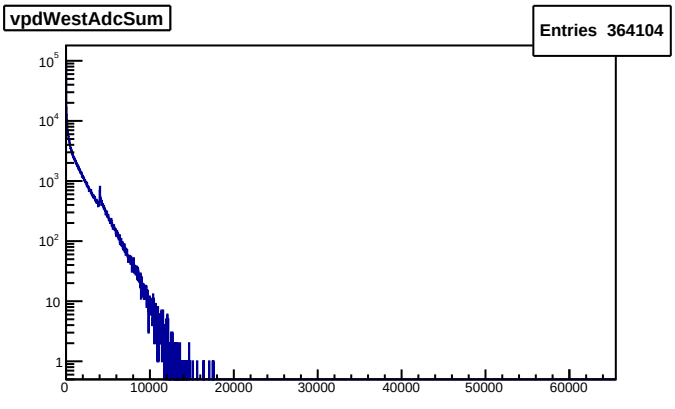

epdWestNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

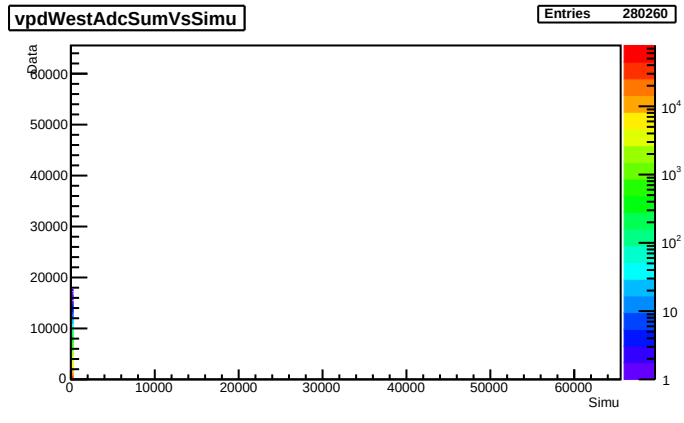

vpdEastAdcSum
Entries 364104

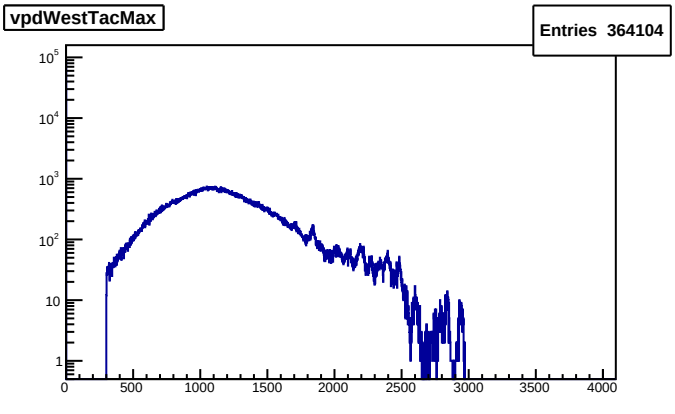

vpdEastAdcSumVsSimu
Entries 262251
Data
Simu

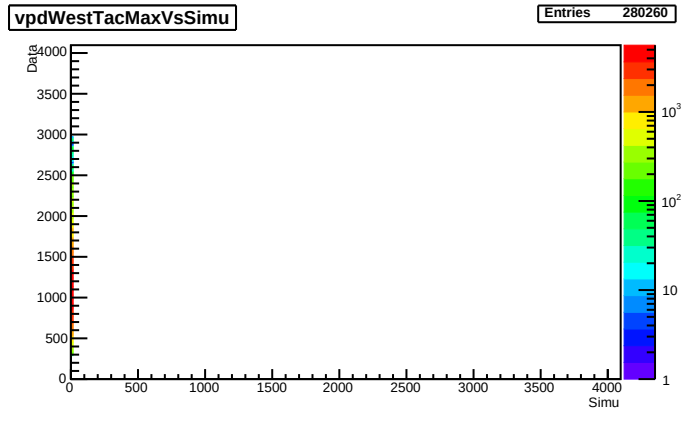

vpdEastTacMax
Entries 364104

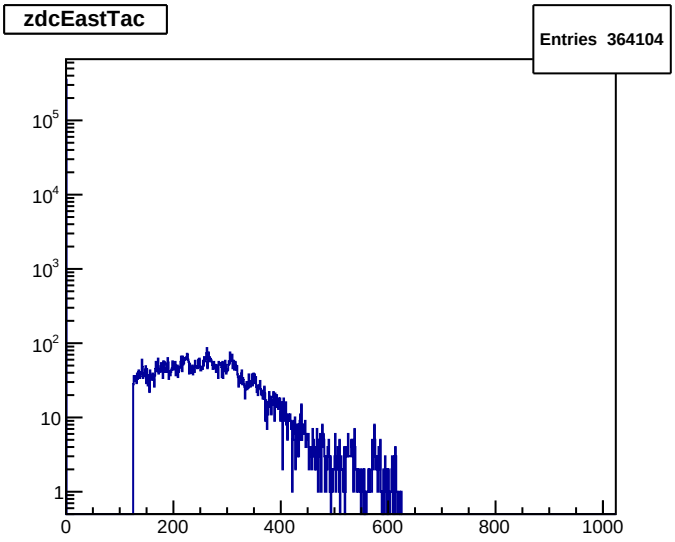

vpdEastTacMaxVsSimu
Entries 262251
Data
Simu

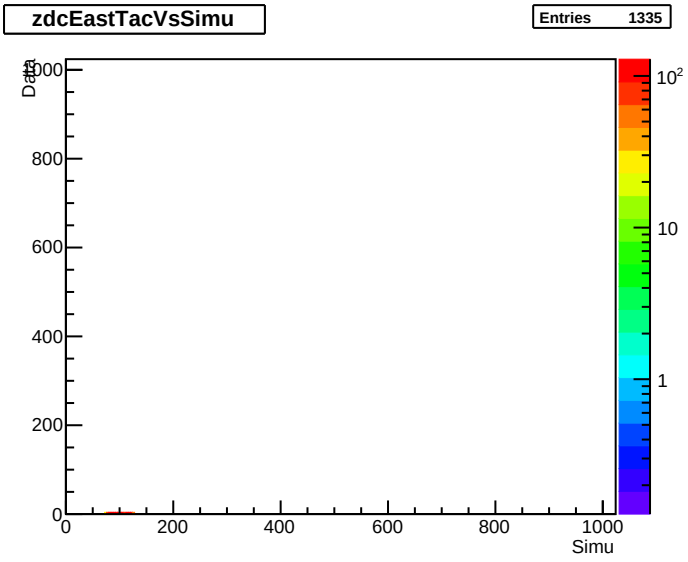

vpdWestAdcSum
Entries 364104

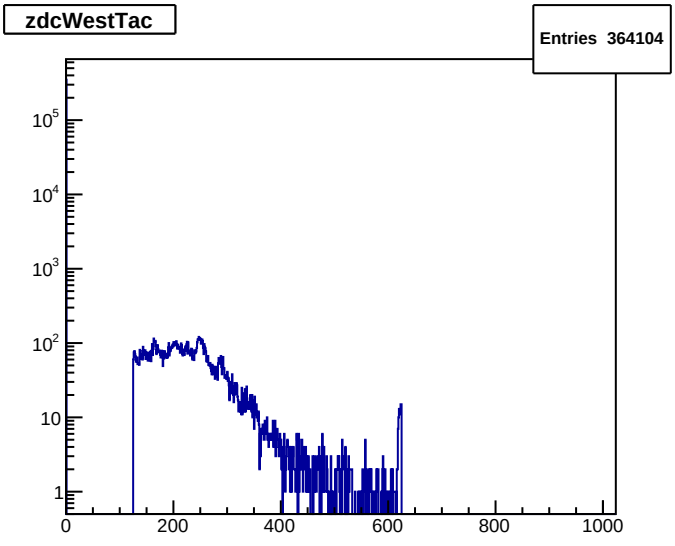

vpdWestAdcSumVsSimu
Entries 280260
Data
Simu

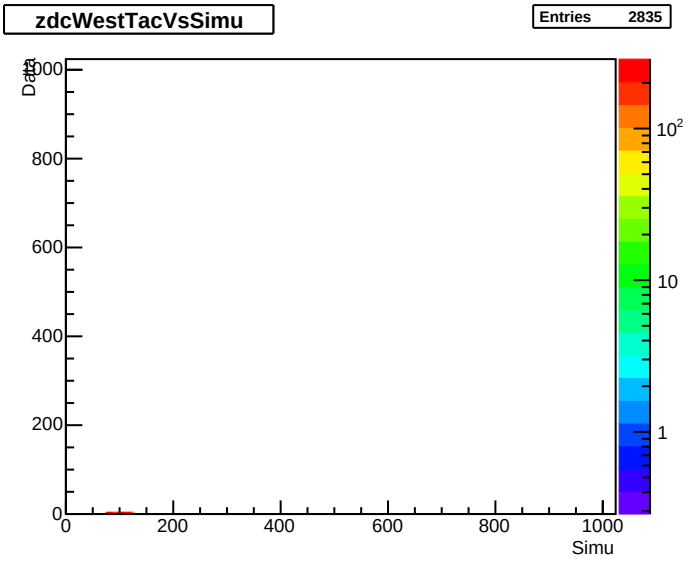

vpdWestTacMax
Entries 364104

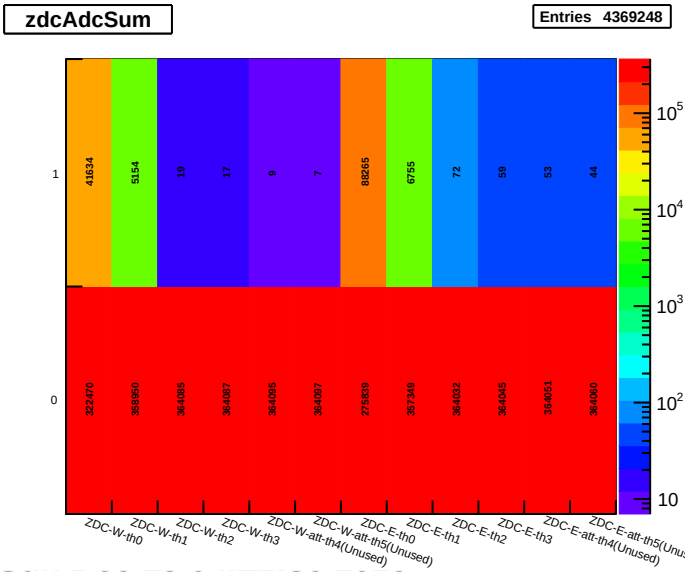

vpdWestTacMaxVsSimu
Entries 280260
Data
Simu

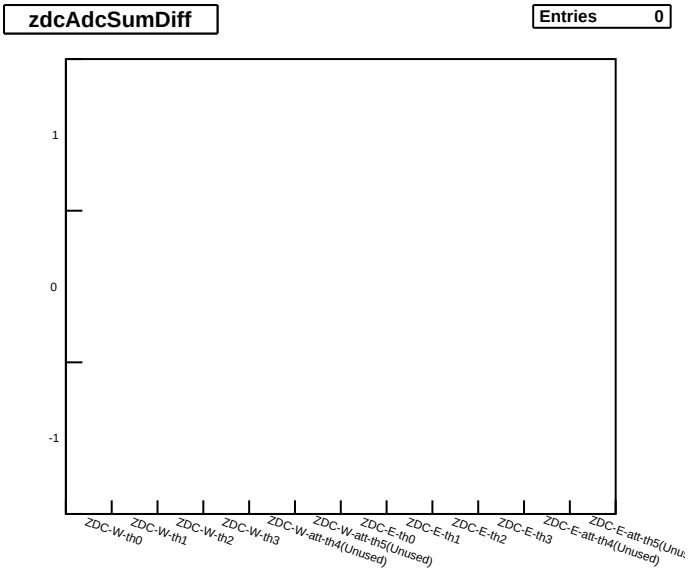

zdcEastTac
Entries 364104

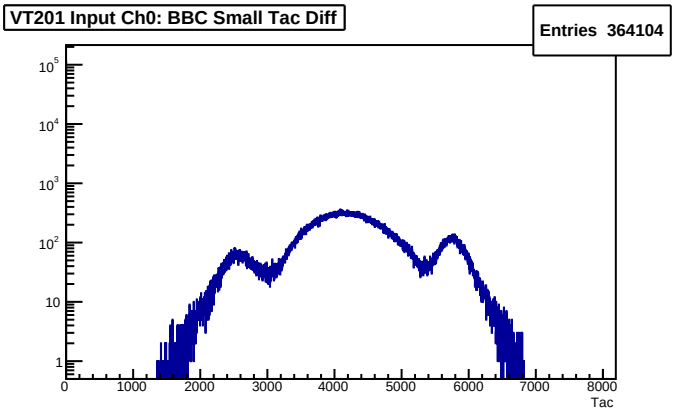

zdcEastTacVsSimu
Entries 1335
Data
Simu

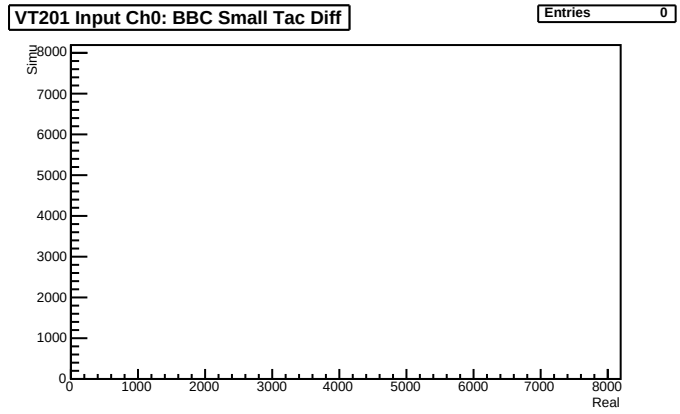

zdcWestTac
Entries 364104

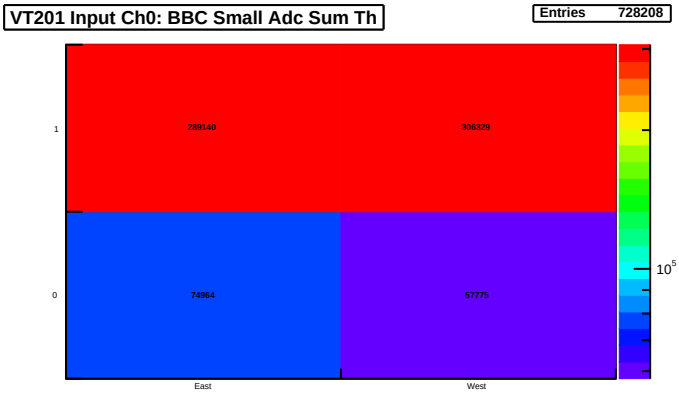

zdcWestTacVsSimu
Entries 2835
Data
Simu

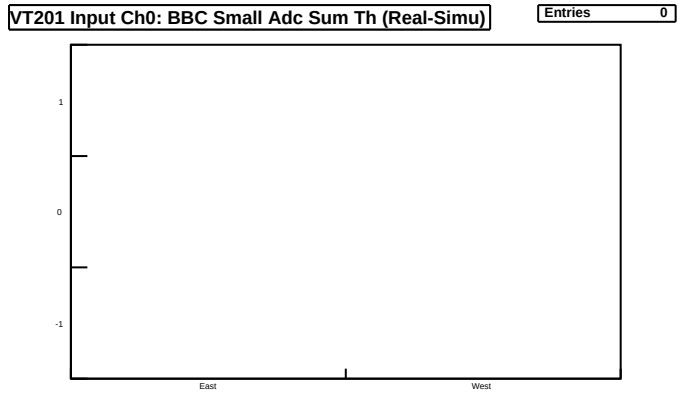

zdcAdcSum
Entries 4369248
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

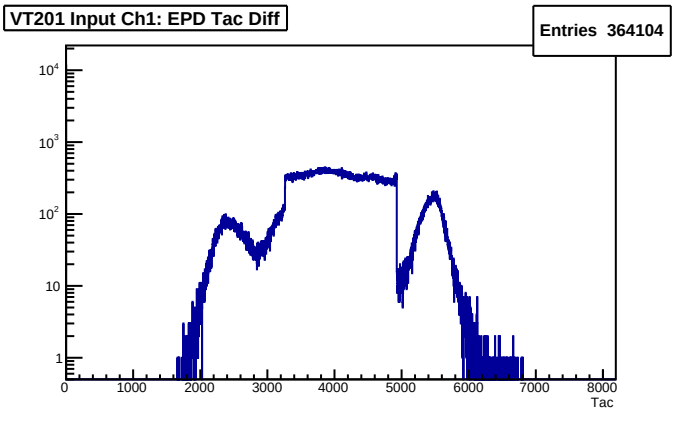

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

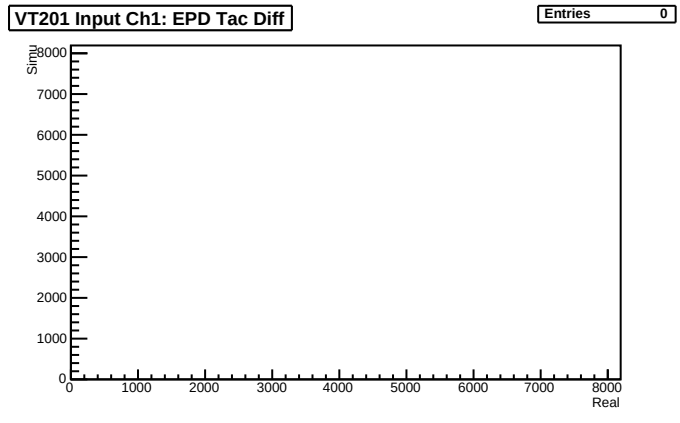

VT201 Input Ch0: BBC Small Tac Diff
Entries 364104
Tac

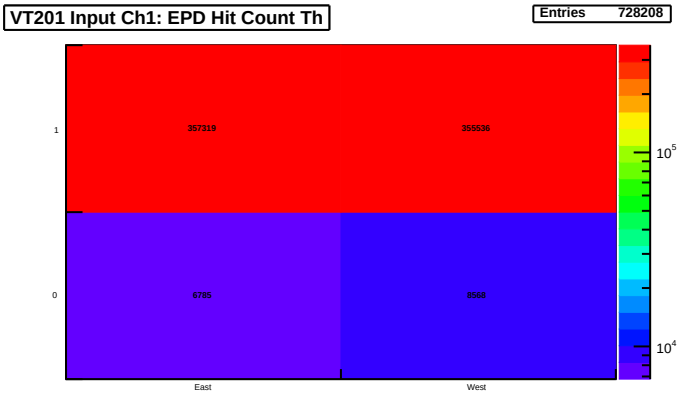

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

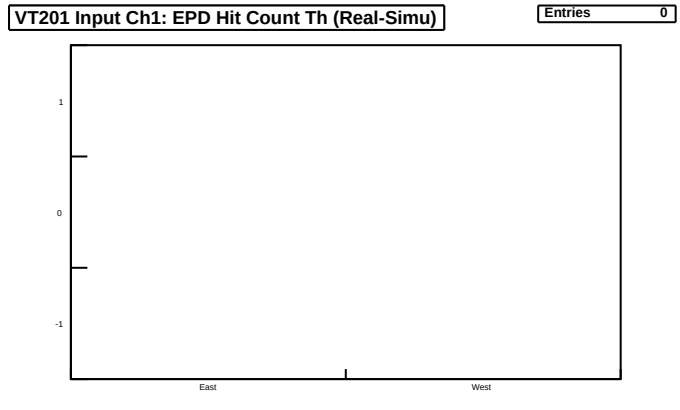

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 728208
289140
306329
74964
57775
East
West

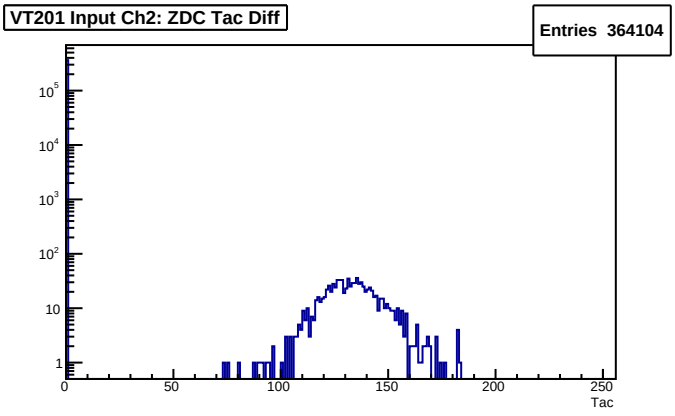

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

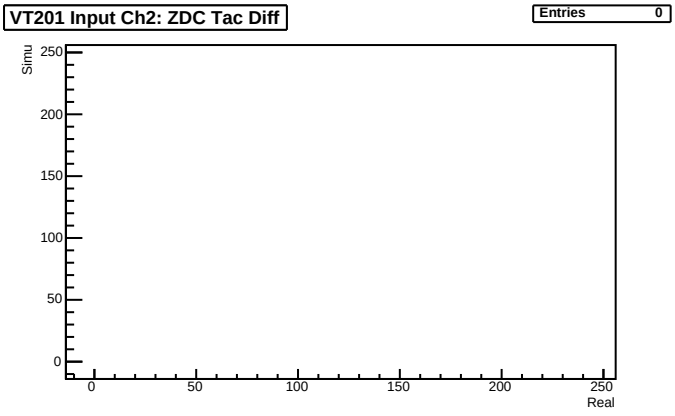

VT201 Input Ch1: EPD Tac Diff
Entries 364104
Tac

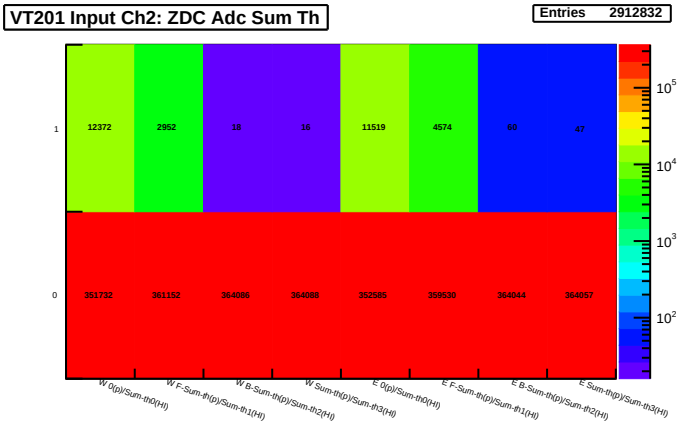

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

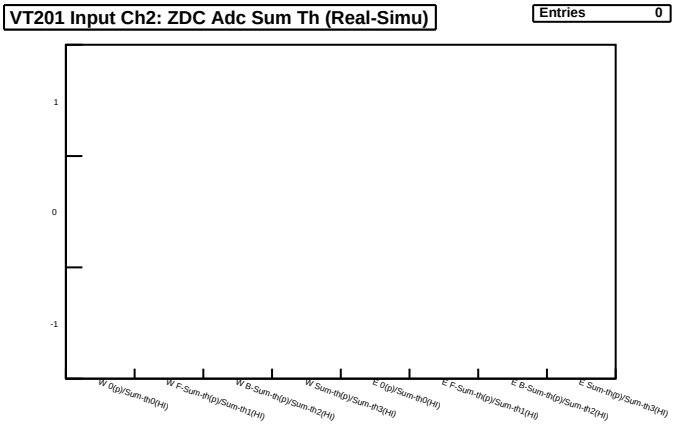

VT201 Input Ch1: EPD Hit Count Th
Entries 728208
357319
355536
6785
8568
East
West

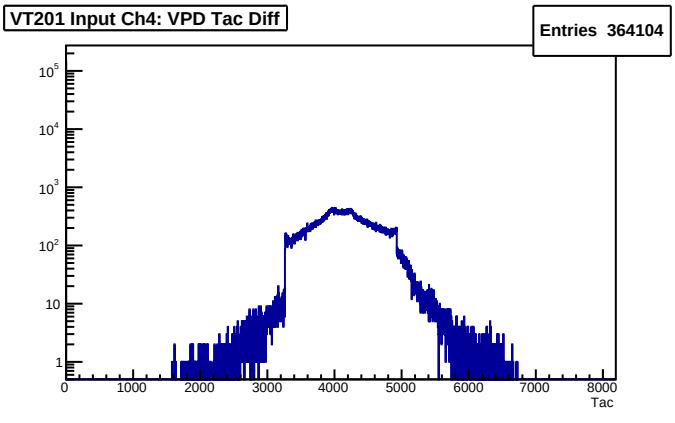

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

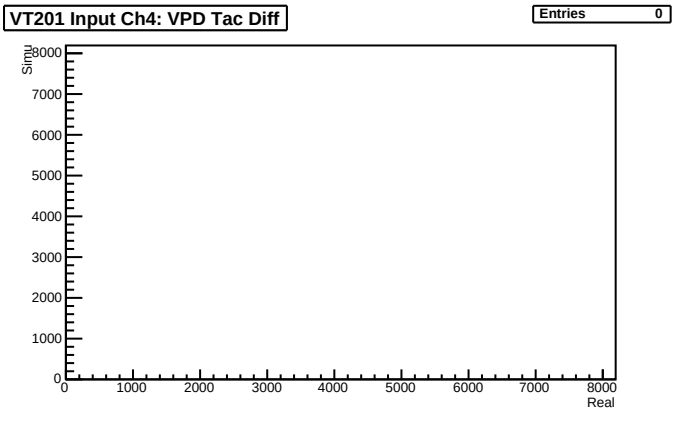

VT201 Input Ch2: ZDC Tac Diff
Entries 364104
Tac

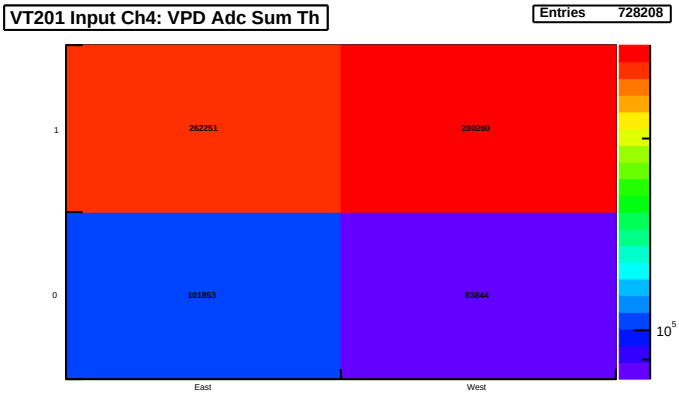

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

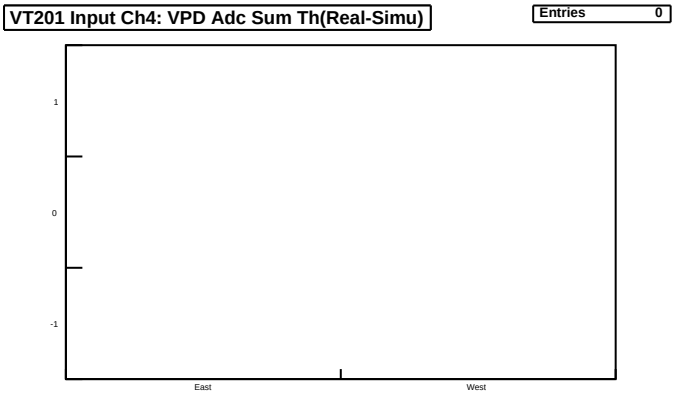

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2912832
12372
2952
18
16
11519
4574
60
47
351732
361152
364086
364088
352585
359530
364044
364057
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

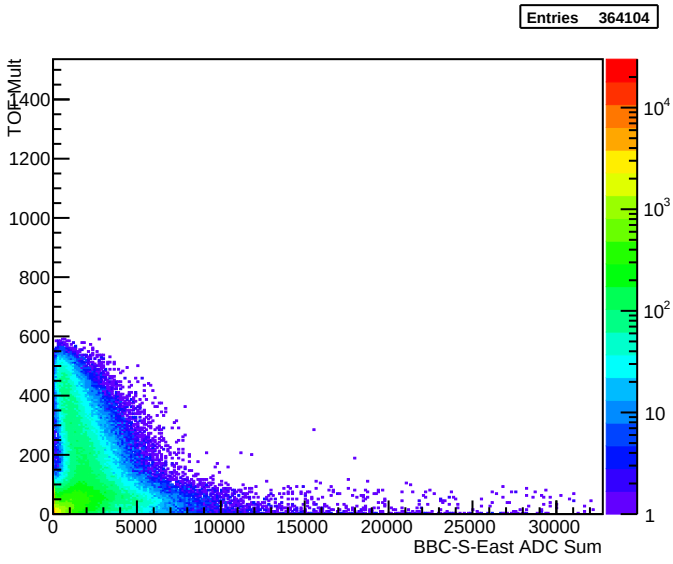

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

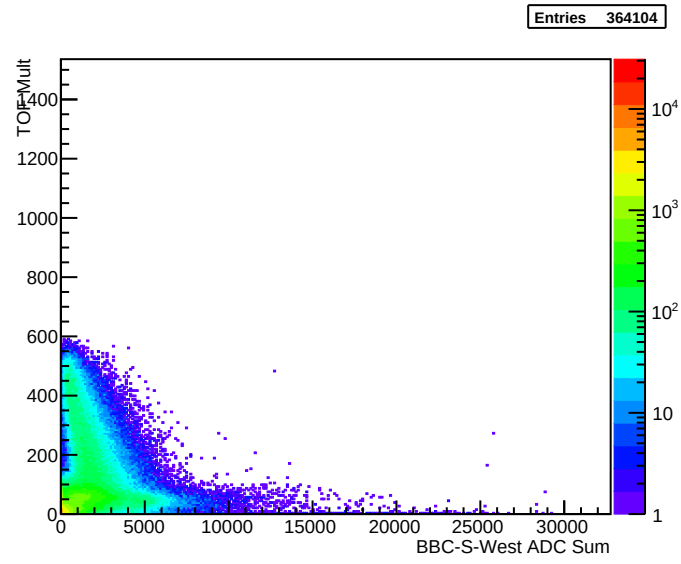

VT201 Input Ch4: VPD Tac Diff
Entries 364104
Tac

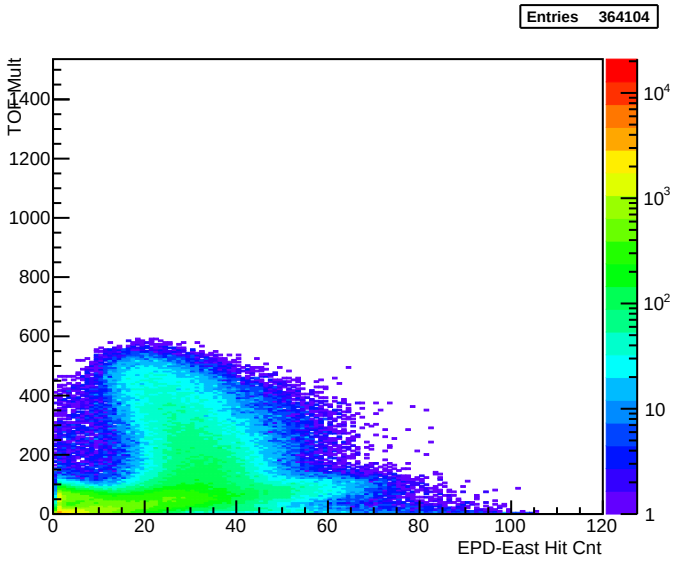

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

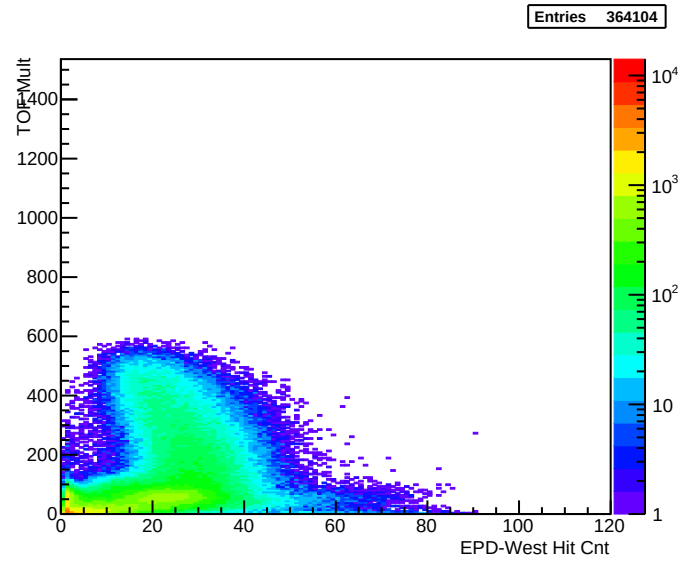

VT201 Input Ch4: VPD Adc Sum Th
Entries 728208
262251
280260
101853
83844
East
West

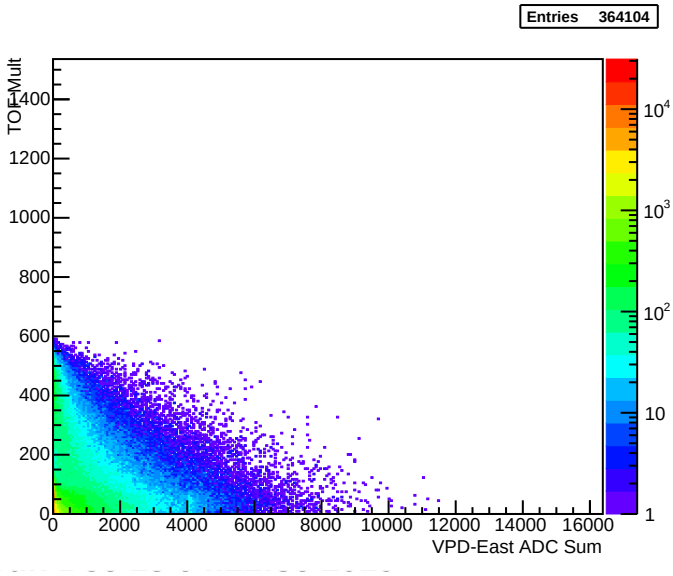

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

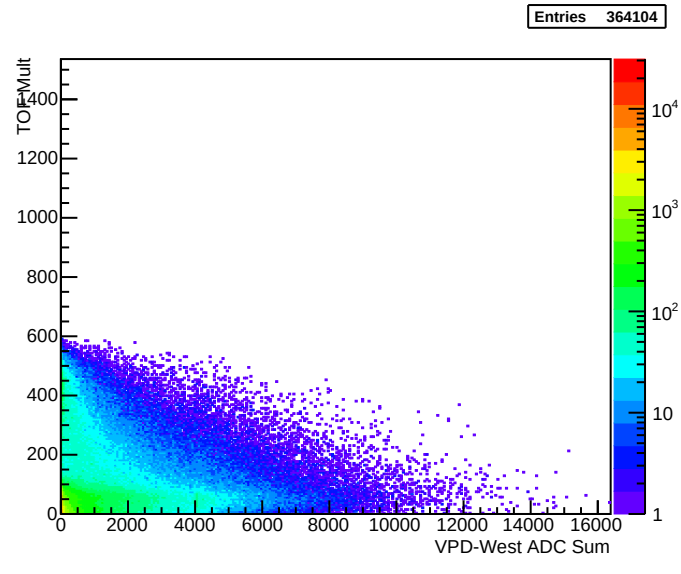

Entries 364104
TOF-Mult
BBC-S-East ADC Sum

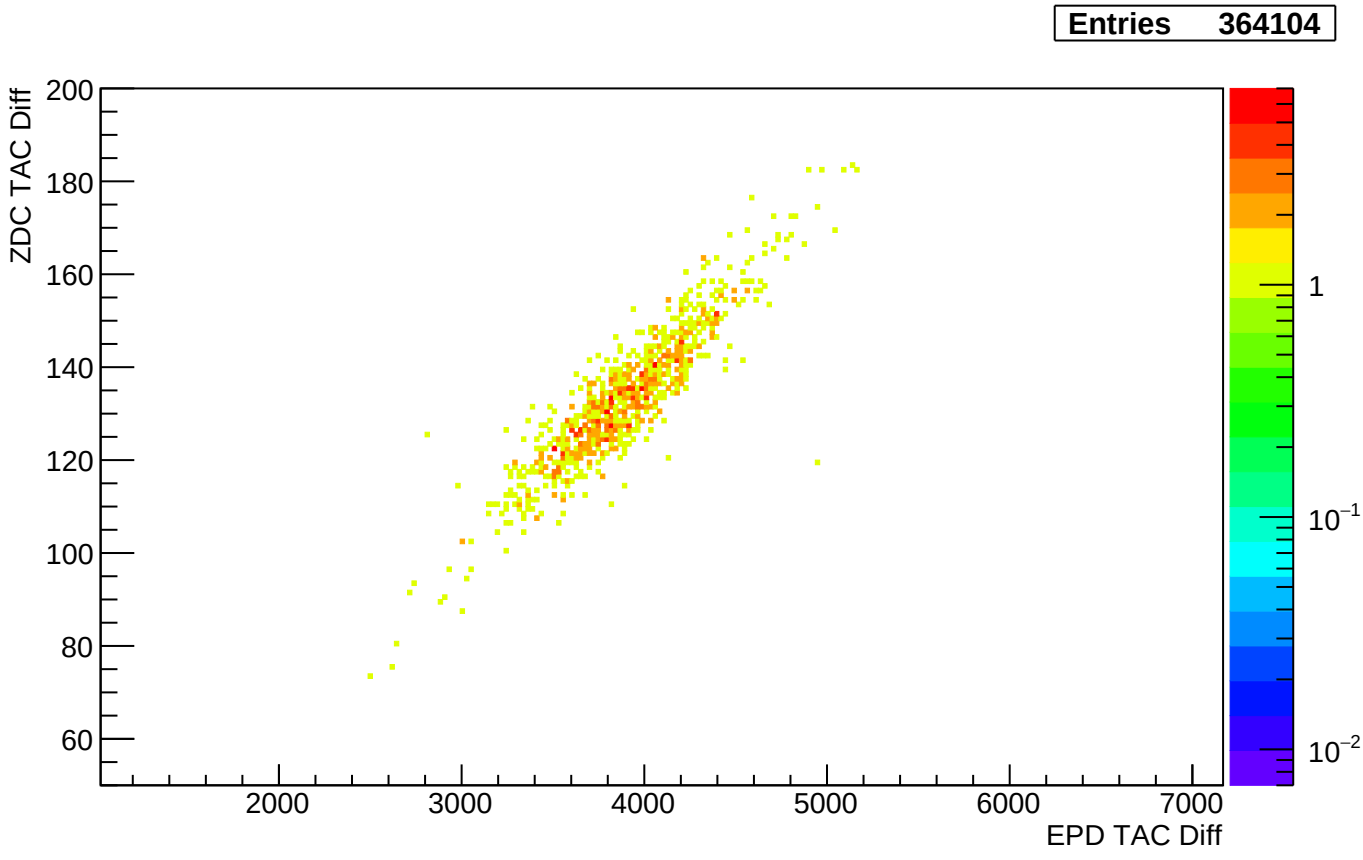

Entries 364104
TOF-Mult
BBC-S-West ADC Sum

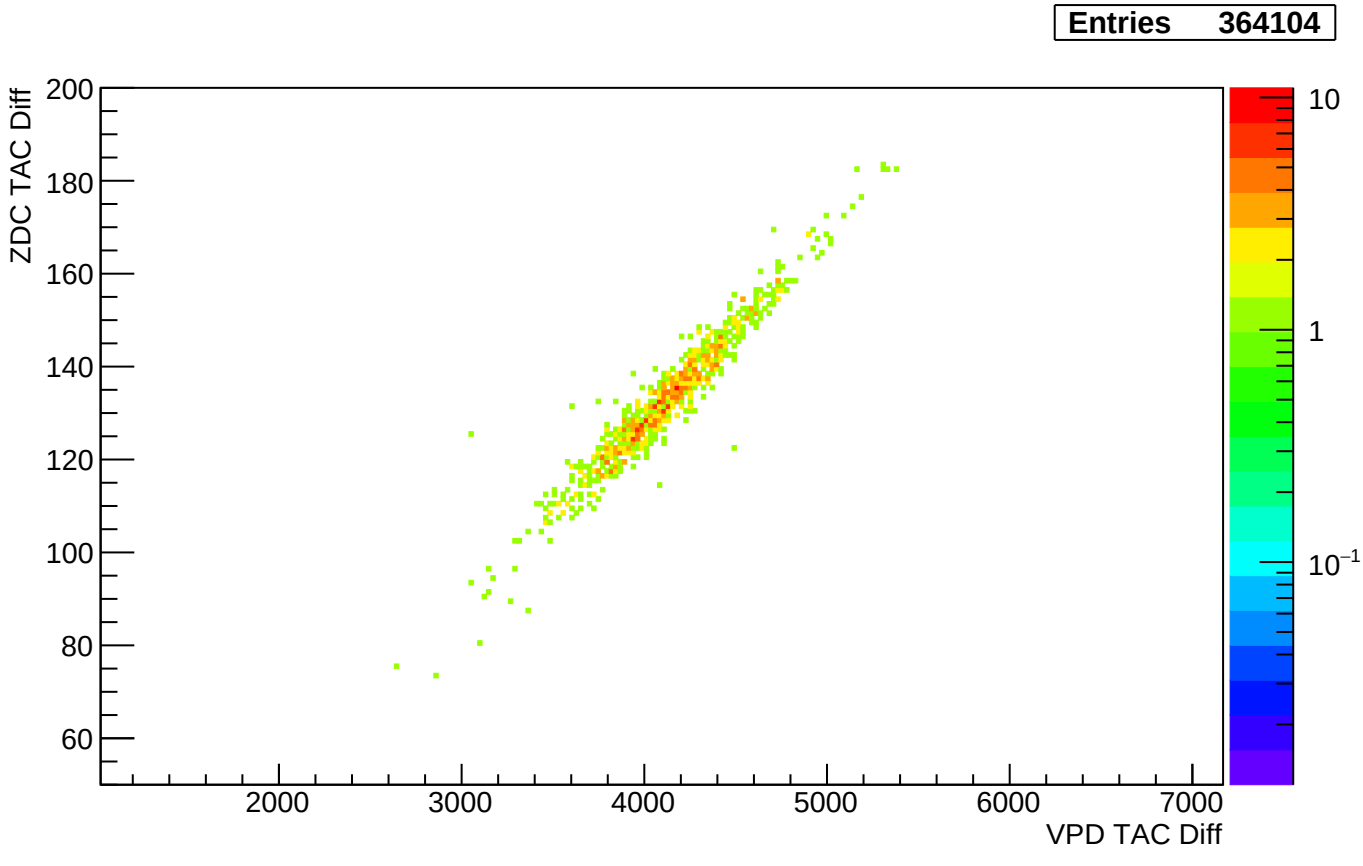

Entries 364104
TOF-Mult
EPD-East Hit Cnt

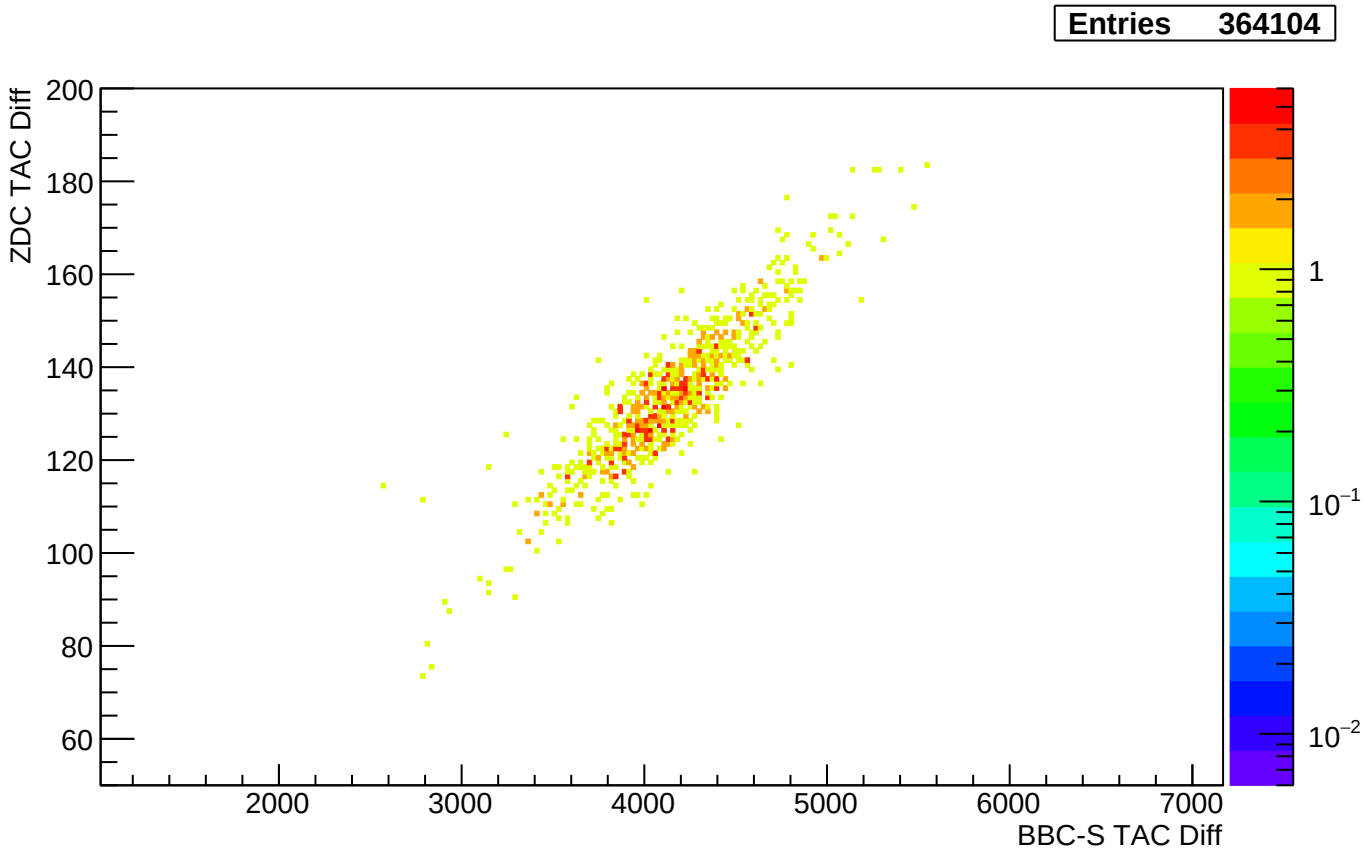

Entries 364104
TOF-Mult
EPD-West Hit Cnt

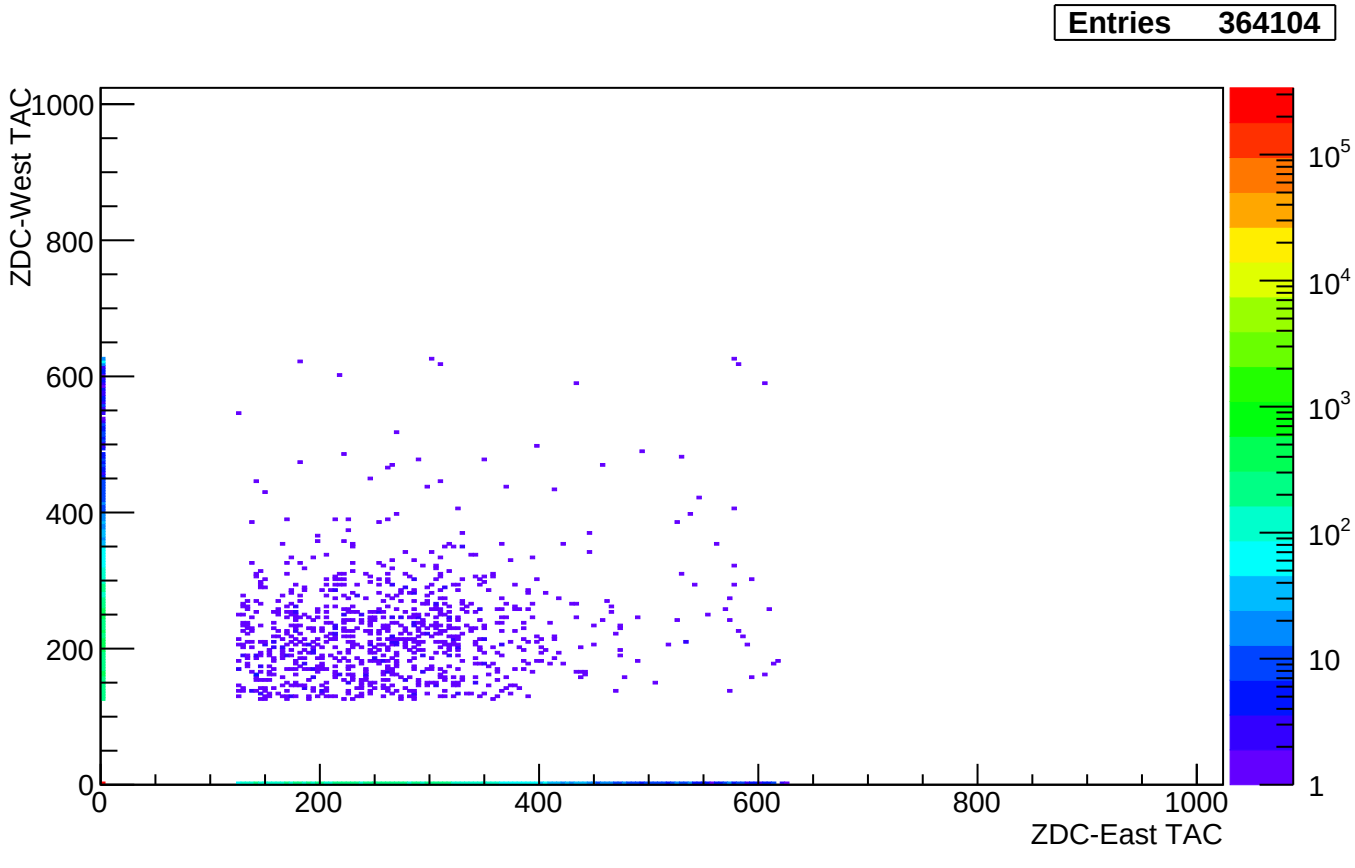

Entries 364104
TOF-Mult
VPD-East ADC Sum

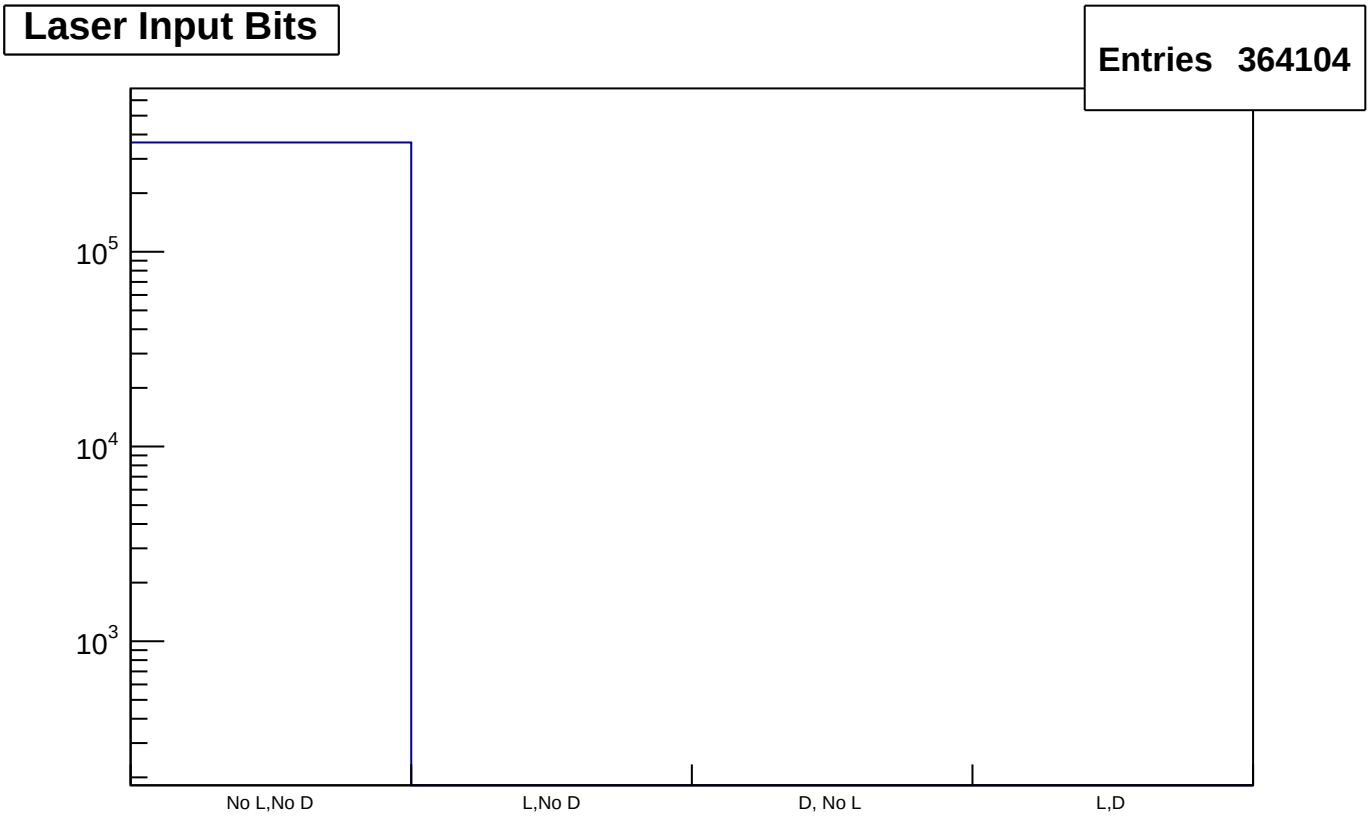

Entries 364104
TOF-Mult
VPD-West ADC Sum

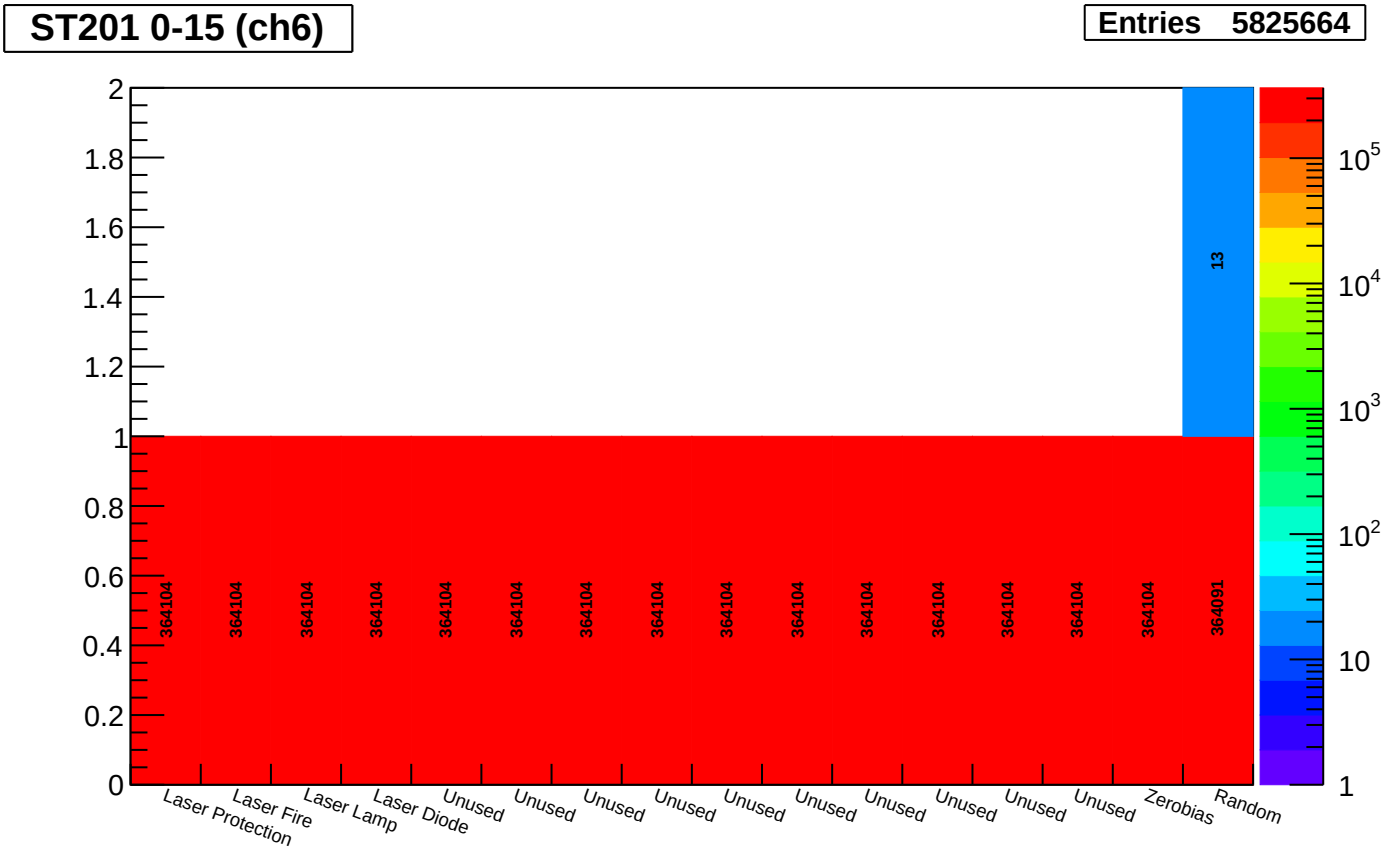

Entries 364104
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

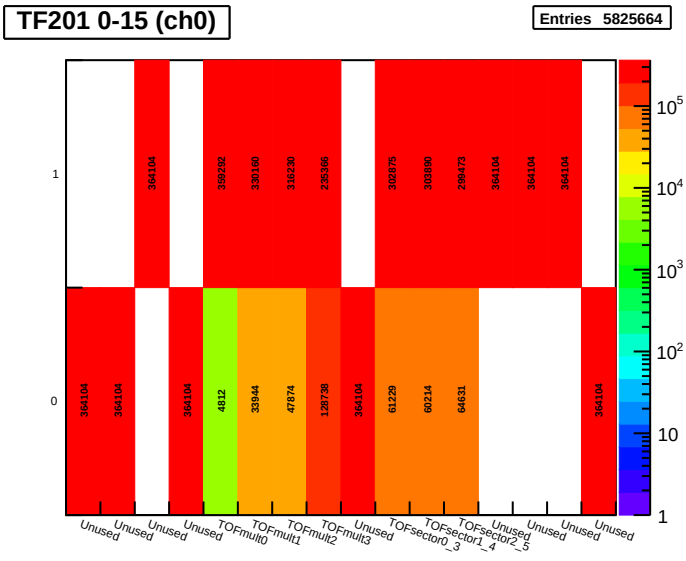

Entries 364104
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

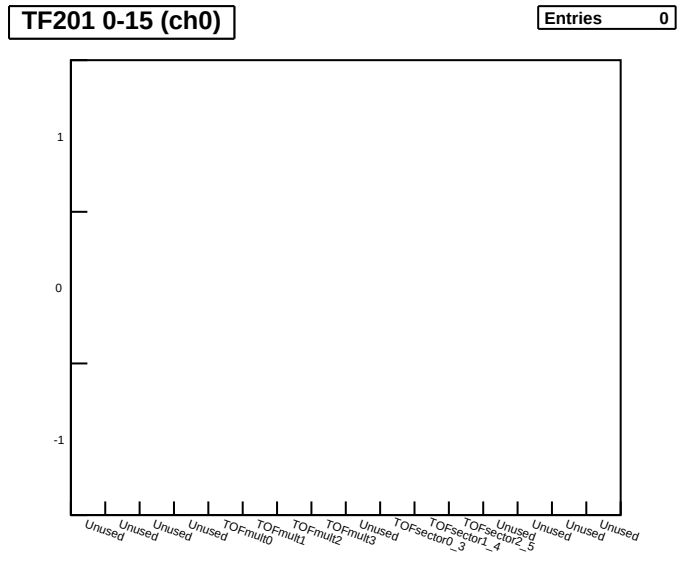

Entries 364104
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

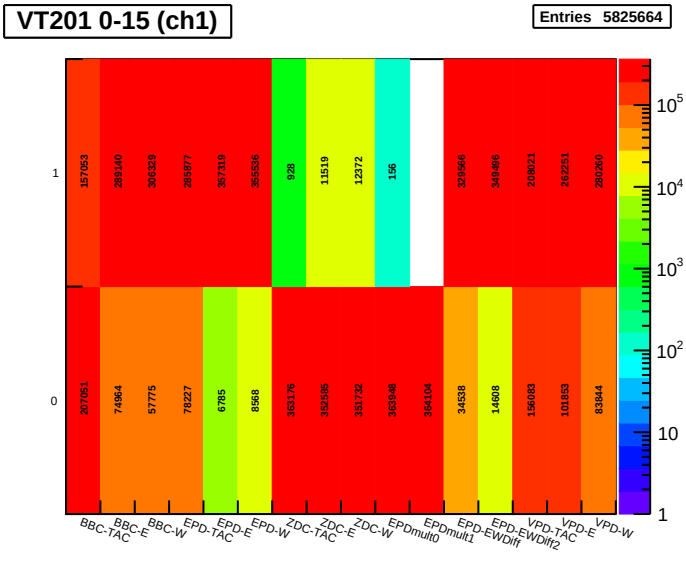

Entries 364104
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

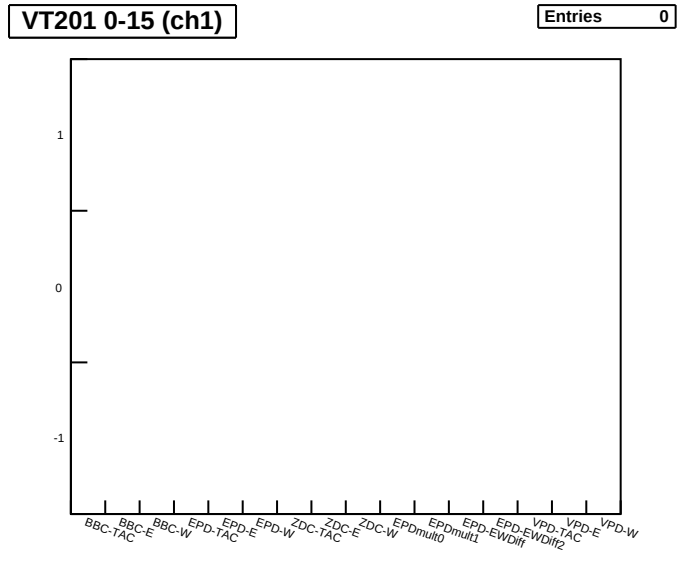

Laser Input Bits
Entries 364104
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

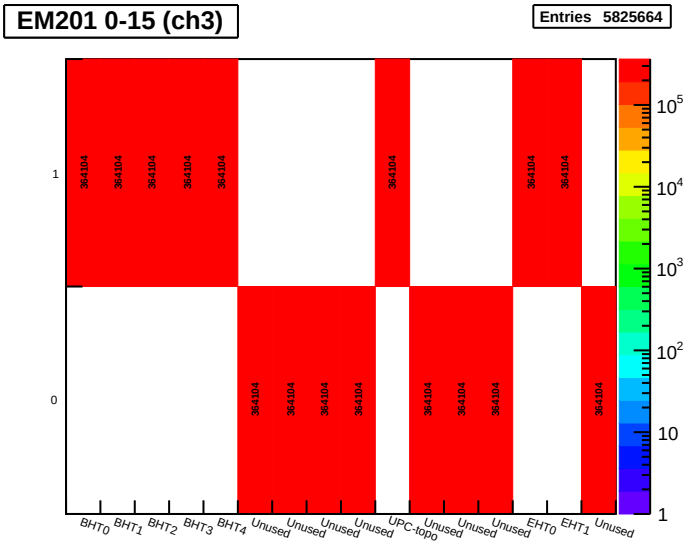

ST201 0-15 (ch6)
Entries 5825664
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364091
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

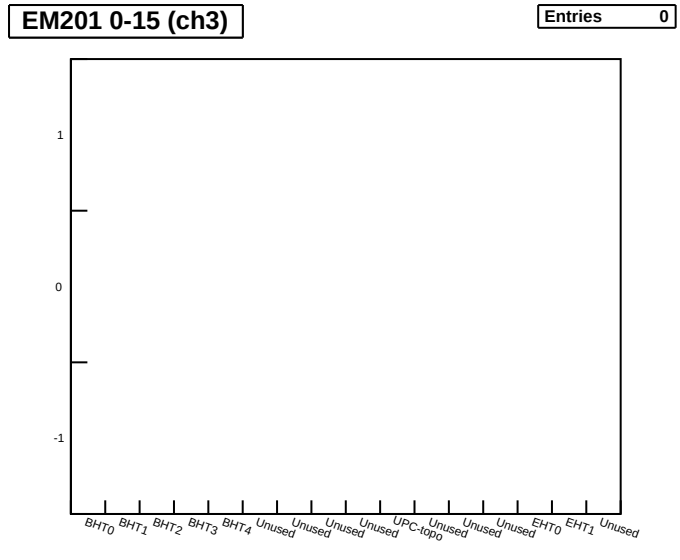

TF201 0-15 (ch0)
Entries 5825664
1
0
364104
339292
330160
316230
295366
302875
303890
299473
364104
364104
364104
364104
364104
364104
364104
4812
33944
47874
128738
364104
61229
60214
64631
364104
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
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 5825664
1
0
157053
289140
306329
285877
357319
355536
928
11519
12372
156
329956
349486
208021
262251
280260
207051
74964
57775
78227
6785
8568
363176
352585
351732
363948
364104
34538
14608
156083
101853
83844
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 5825664
1
0
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
364104
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