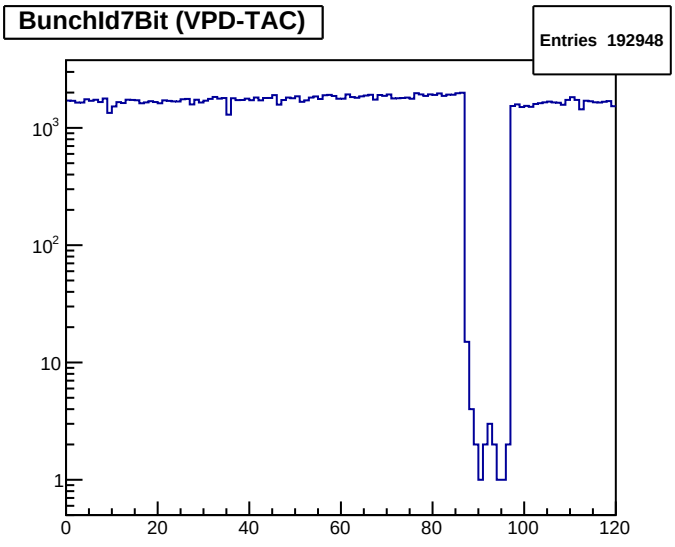
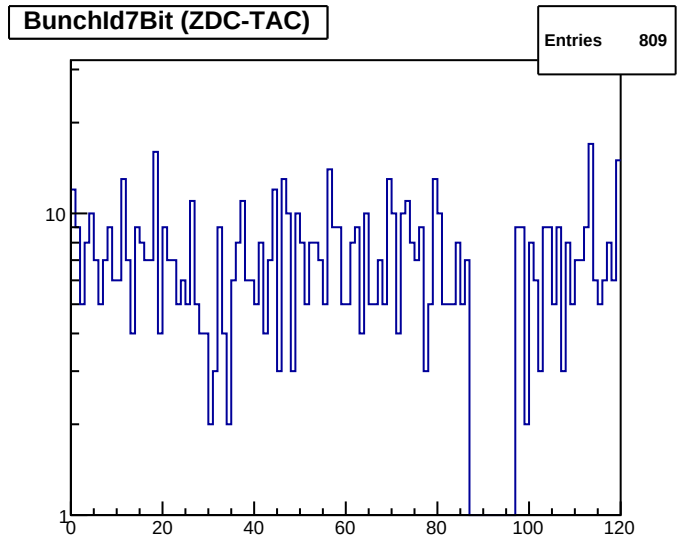
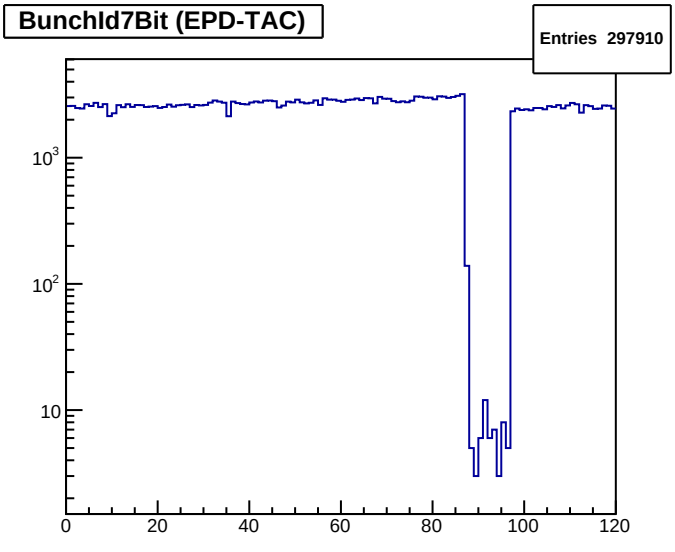
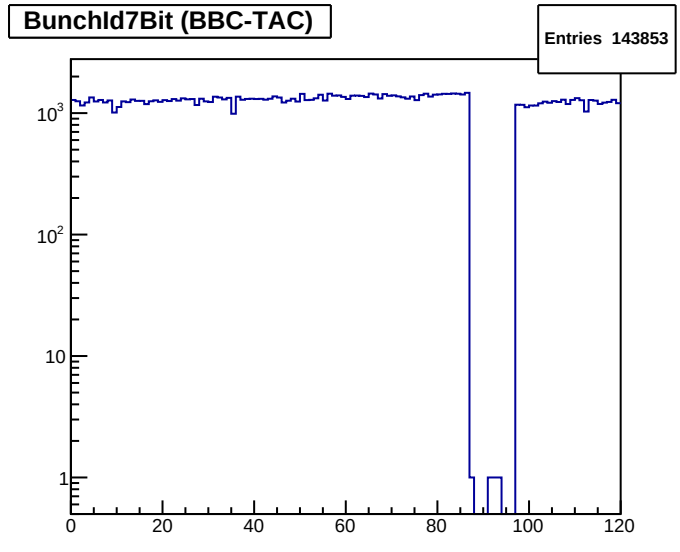
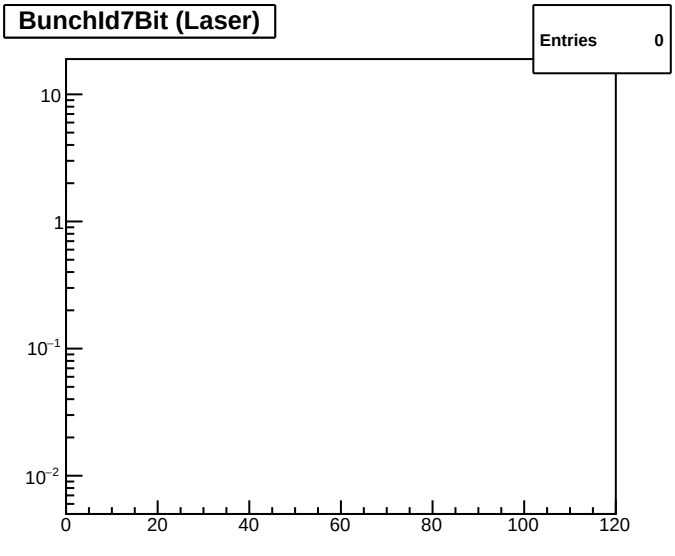
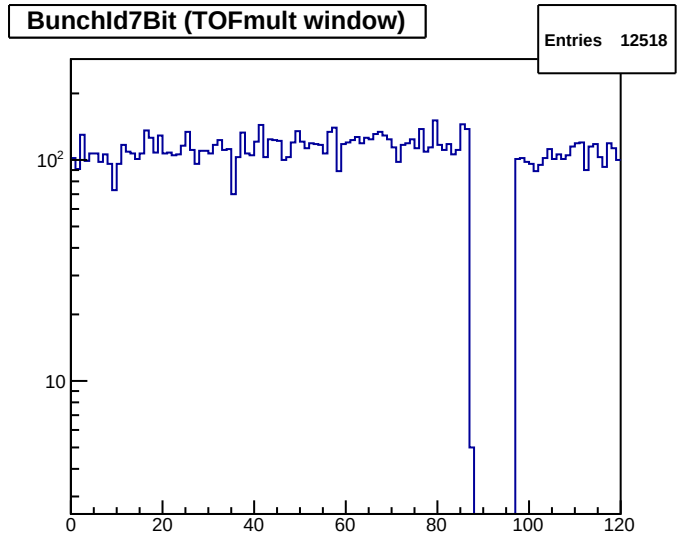

BunchId7Bit (VPD-TAC)
Entries 192948

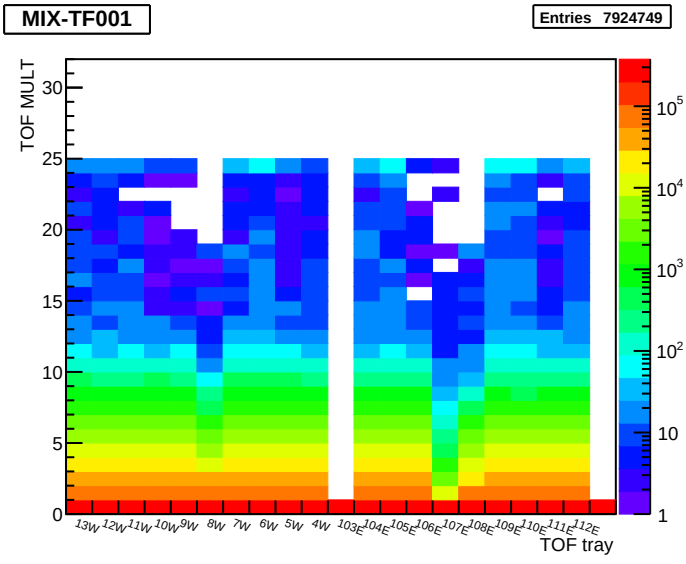

BunchId7Bit (ZDC-TAC)
Entries 809

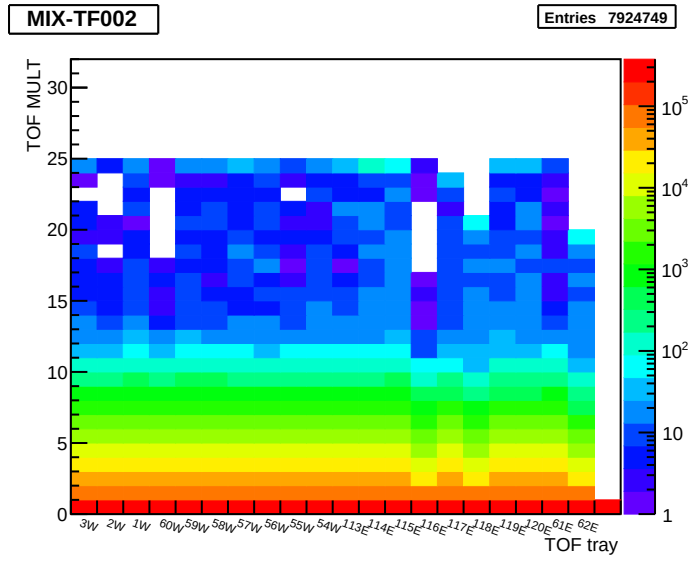

BunchId7Bit (EPD-TAC)
Entries 297910

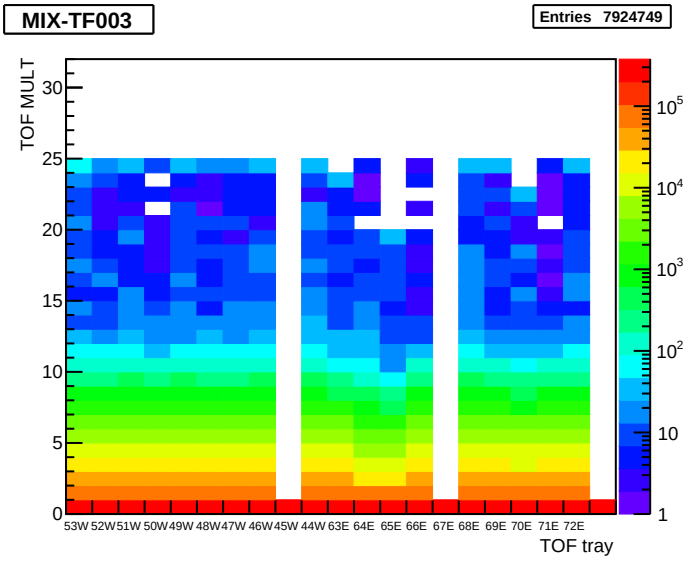

BunchId7Bit (BBC-TAC)
Entries 143853

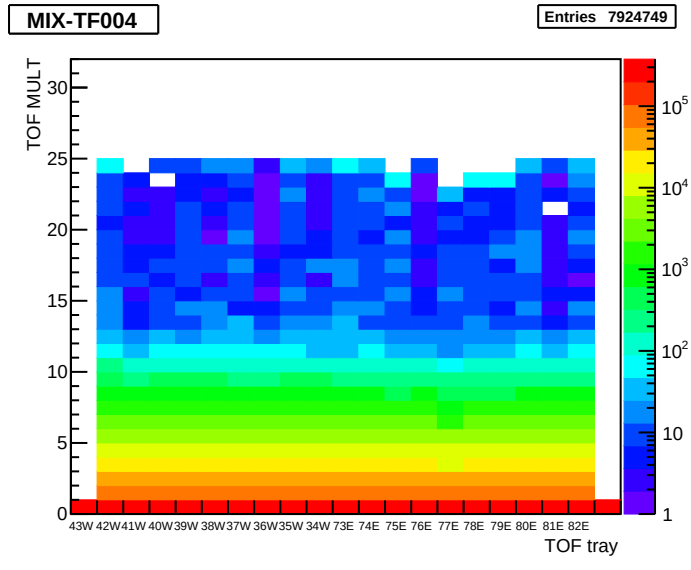

BunchId7Bit (Laser)
Entries 0

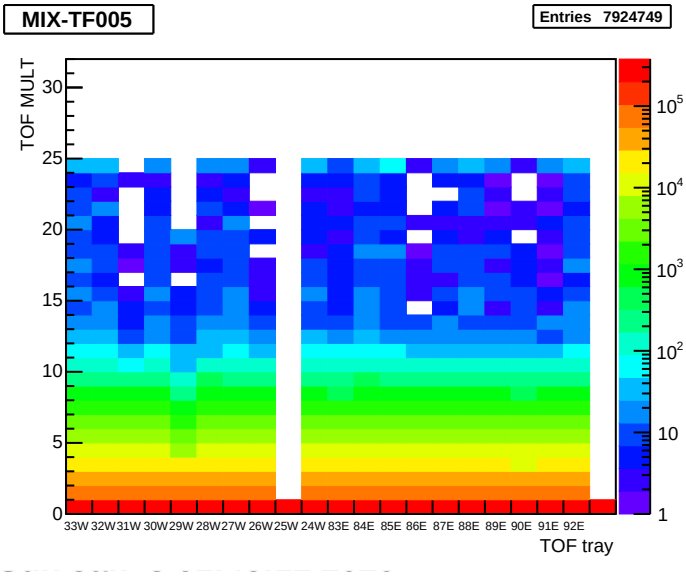

BunchId7Bit (TOFmult window)
Entries 12518

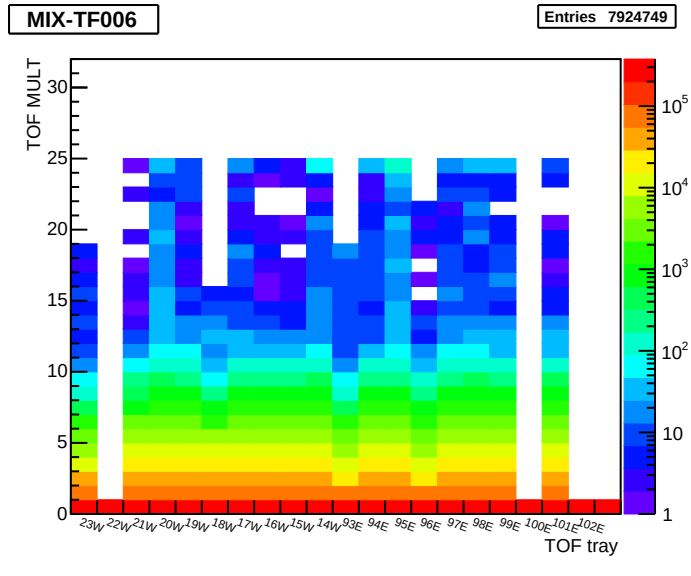

MIX-TF001
Entries 7924749
TOF MULT
TOF tray

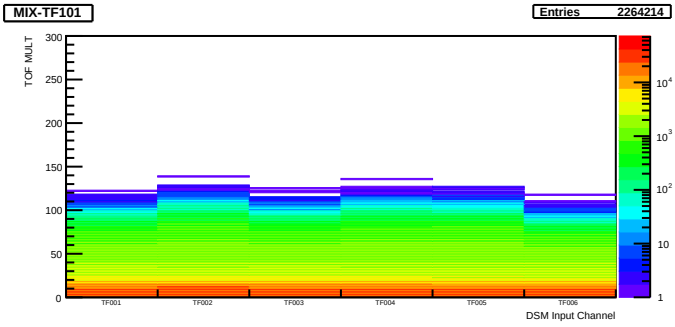

MIX-TF002
Entries 7924749
TOF MULT
TOF tray

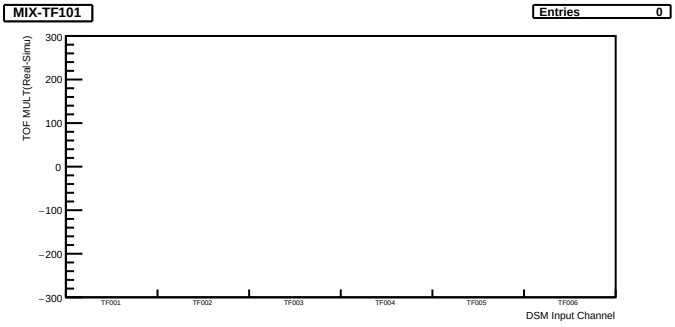

MIX-TF003
Entries 7924749
TOF MULT
TOF tray

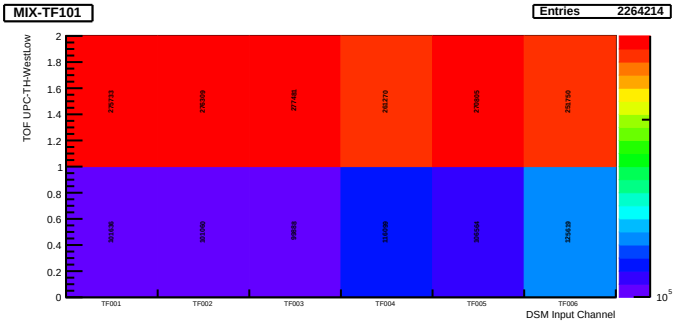

MIX-TF004
Entries 7924749
TOF MULT
TOF tray

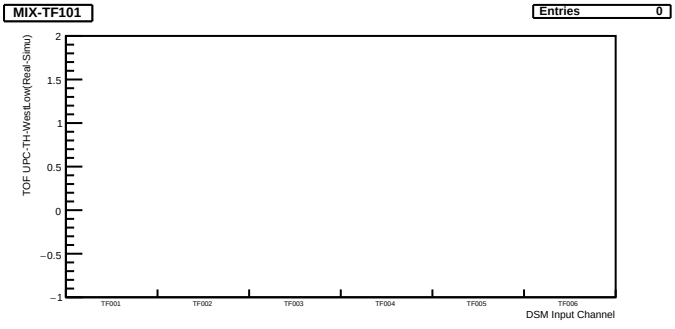

MIX-TF005
Entries 7924749
TOF MULT
TOF tray

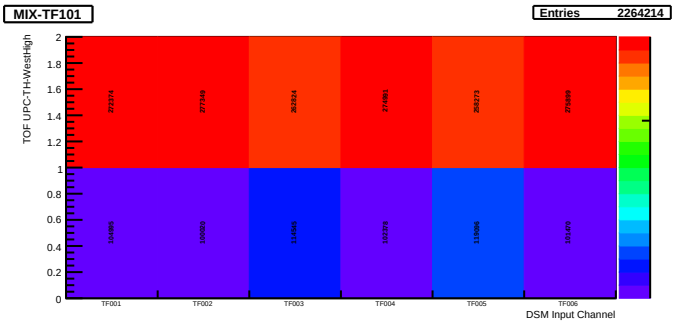

MIX-TF006
Entries 7924749
TOF MULT
TOF tray

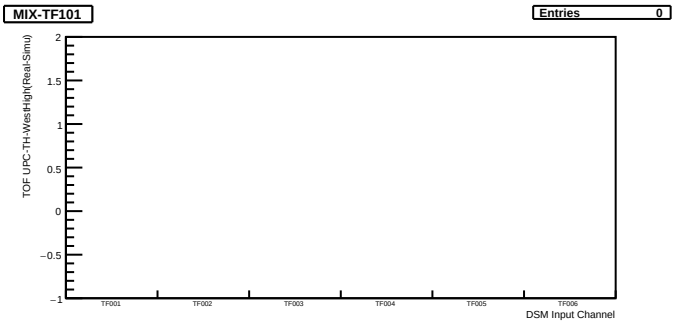

MIX-TF101
Entries 2264214
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

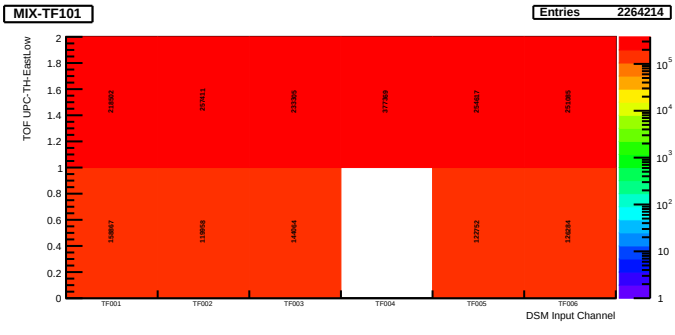

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

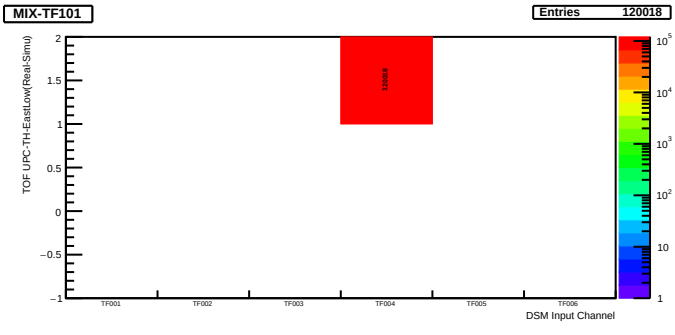

MIX-TF101
Entries 2264214
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

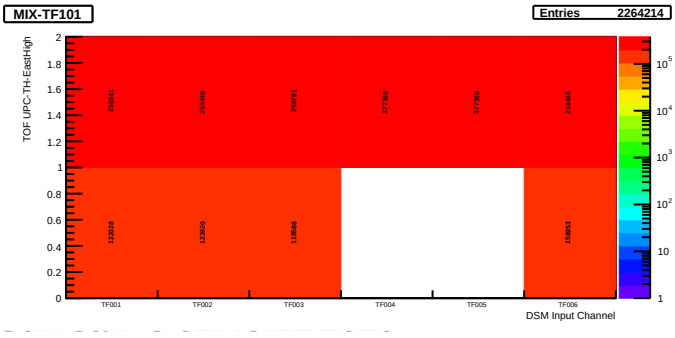

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

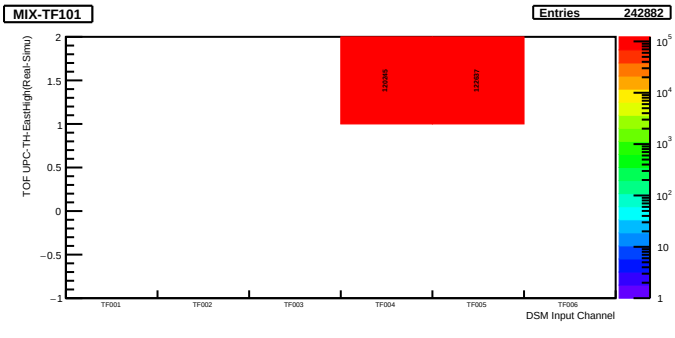

MIX-TF101
Entries 2264214
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

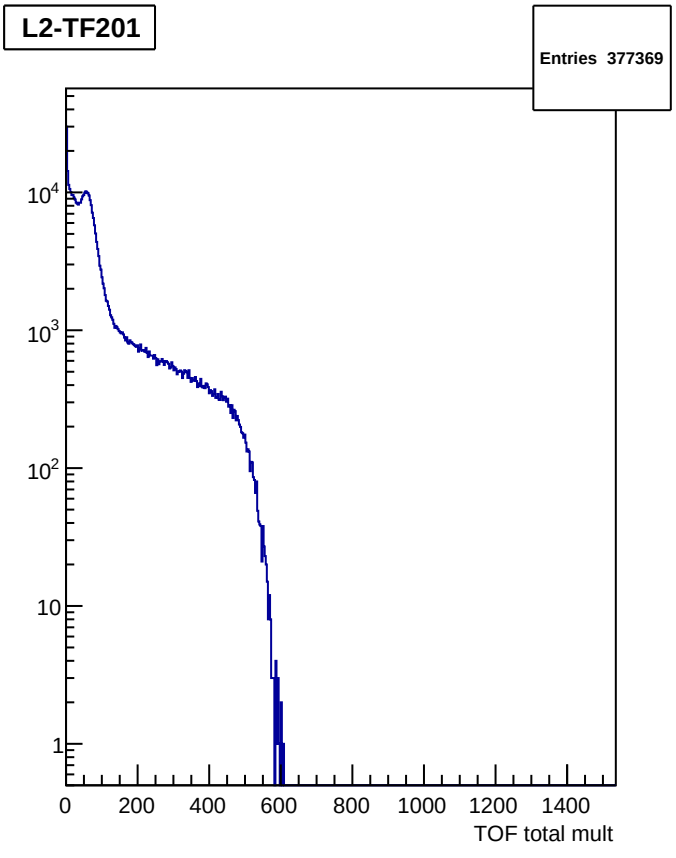

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

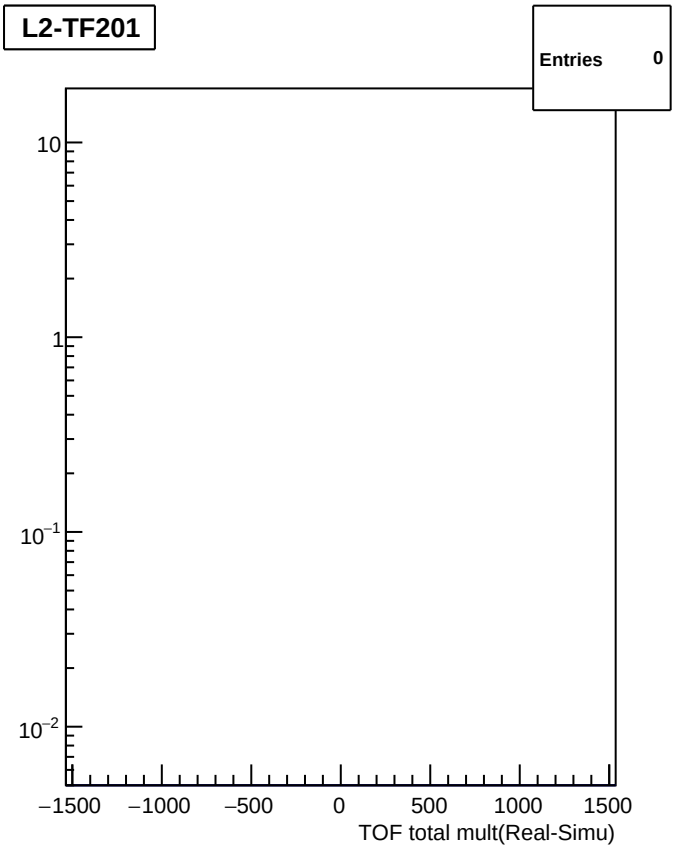

MIX-TF101
Entries 2264214
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

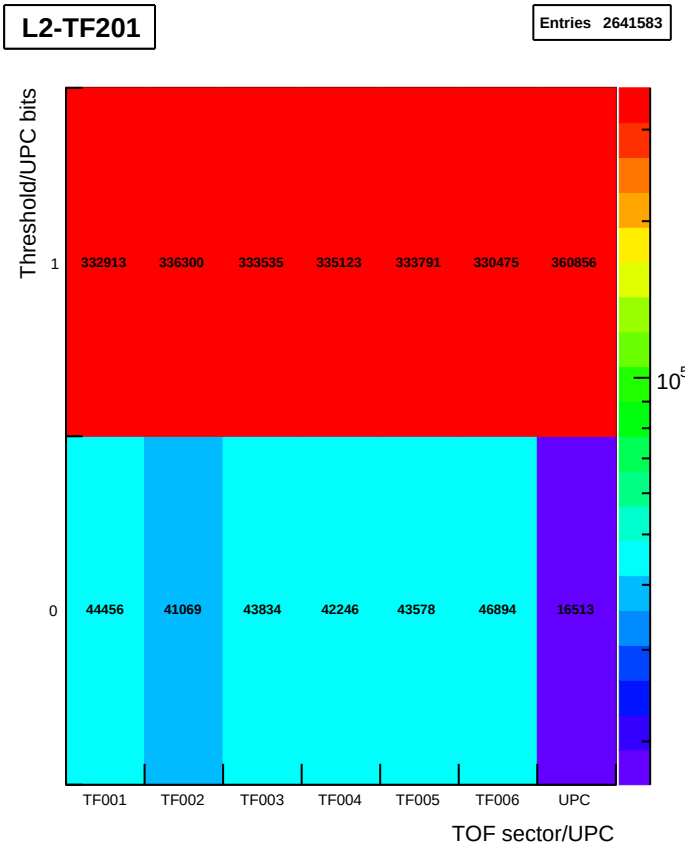

MIX-TF101
Entries 120018
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

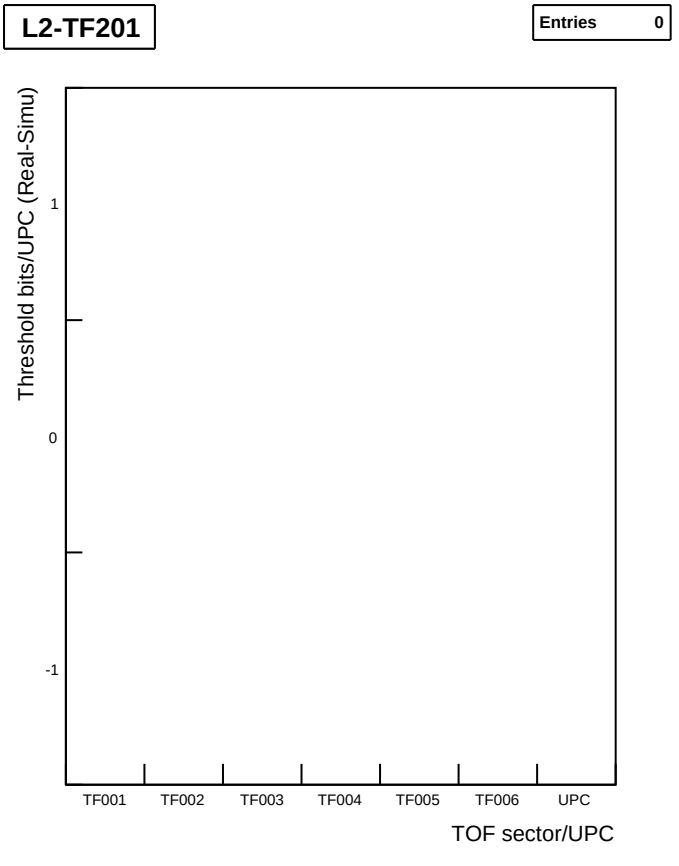

MIX-TF101
Entries 2264214
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

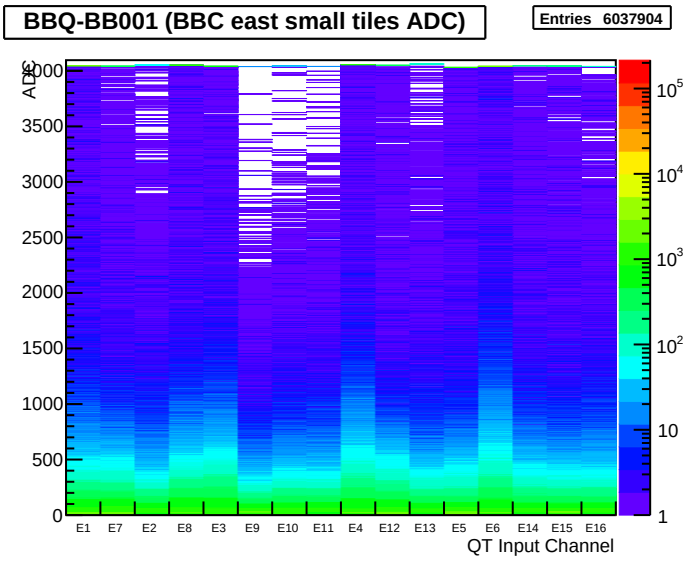

MIX-TF101
Entries 242882
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

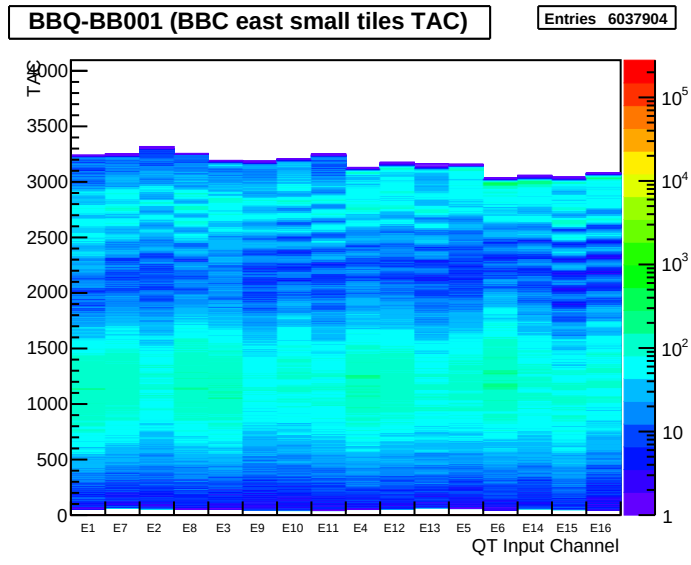

L2-TF201
Entries 377369
TOF total mult

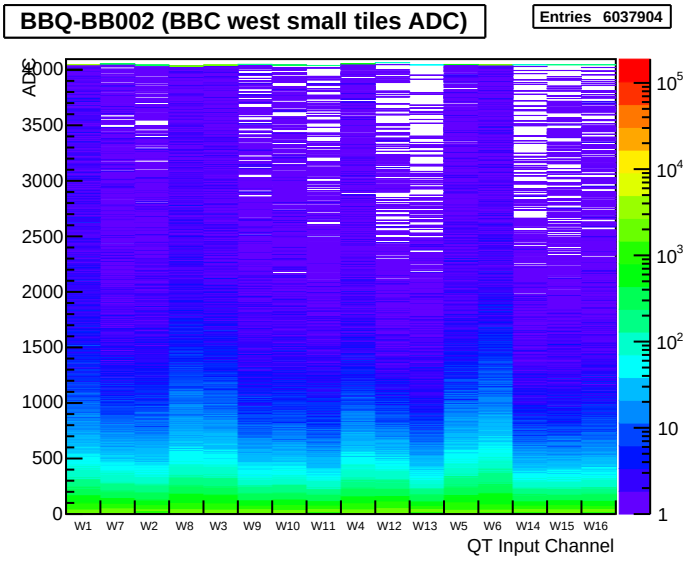

L2-TF201
Entries 0
TOF total mult(Real-Simu)

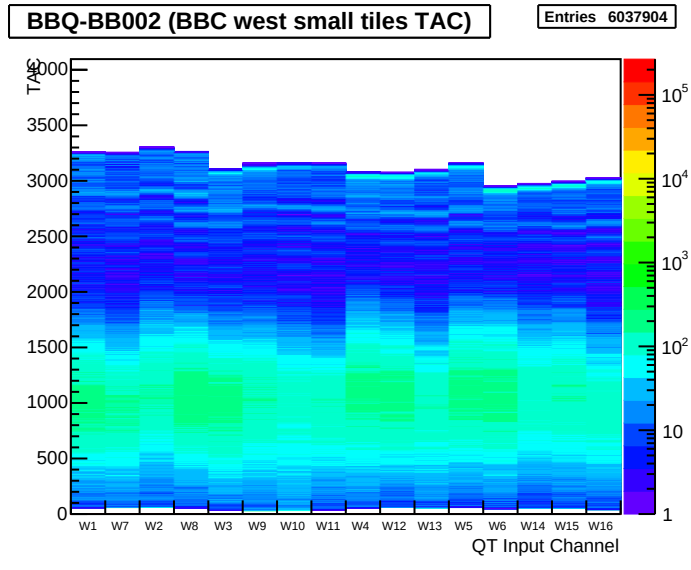

L2-TF201
Entries 2641583
Threshold/UPC bits
332913
336300
333535
335123
333791
330475
360856
44456
41069
43834
42246
43578
46894
16513
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

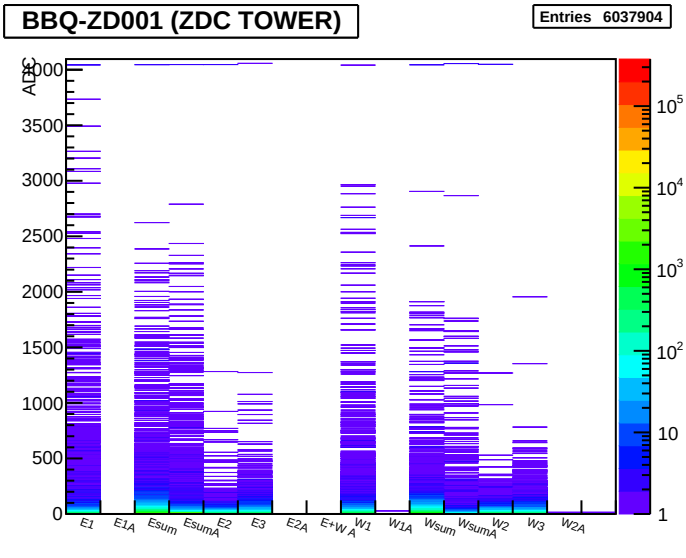

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

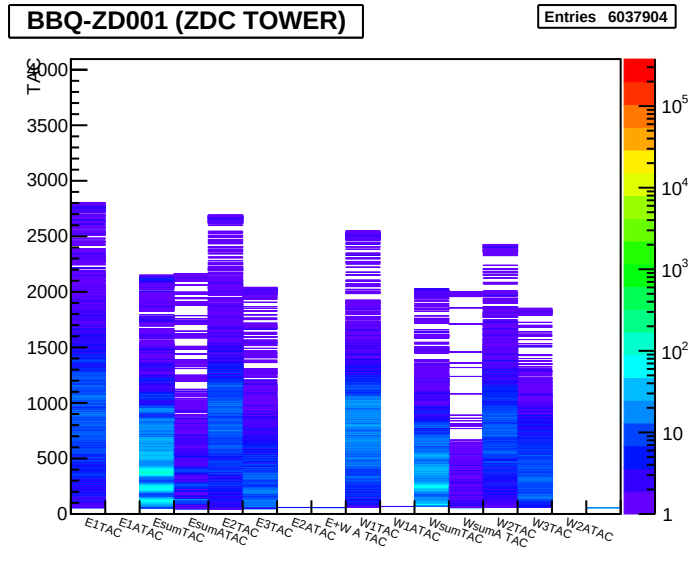

BBQ-BB001 (BBC east small tiles ADC)
Entries 6037904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

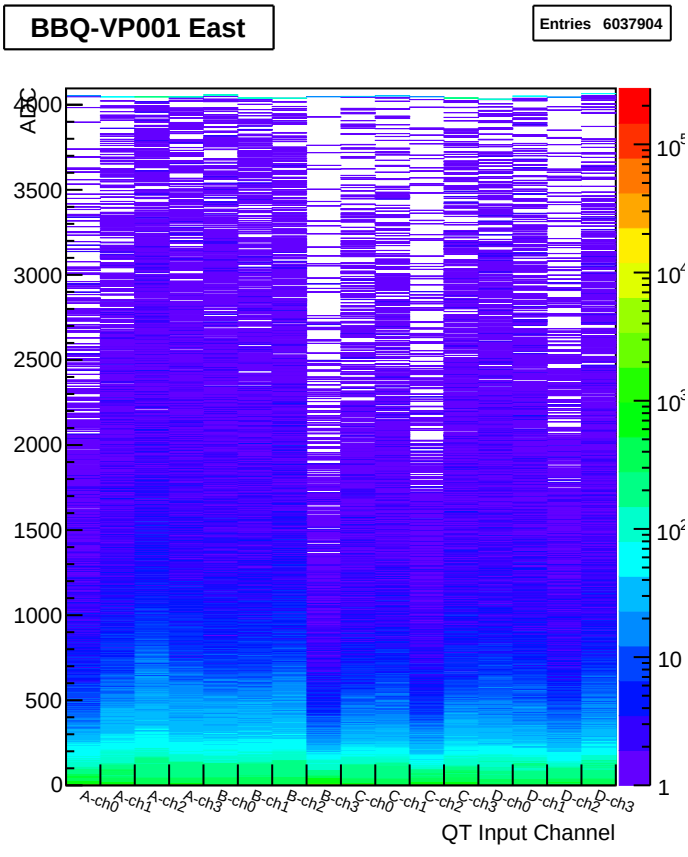

BBQ-BB001 (BBC east small tiles TAC)
Entries 6037904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

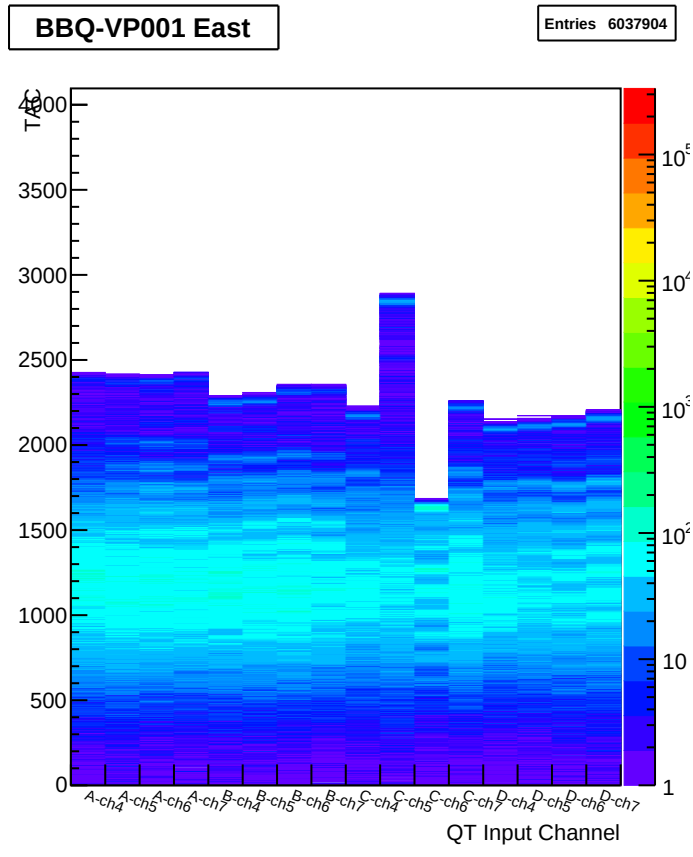

BBQ-BB002 (BBC west small tiles ADC)
Entries 6037904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

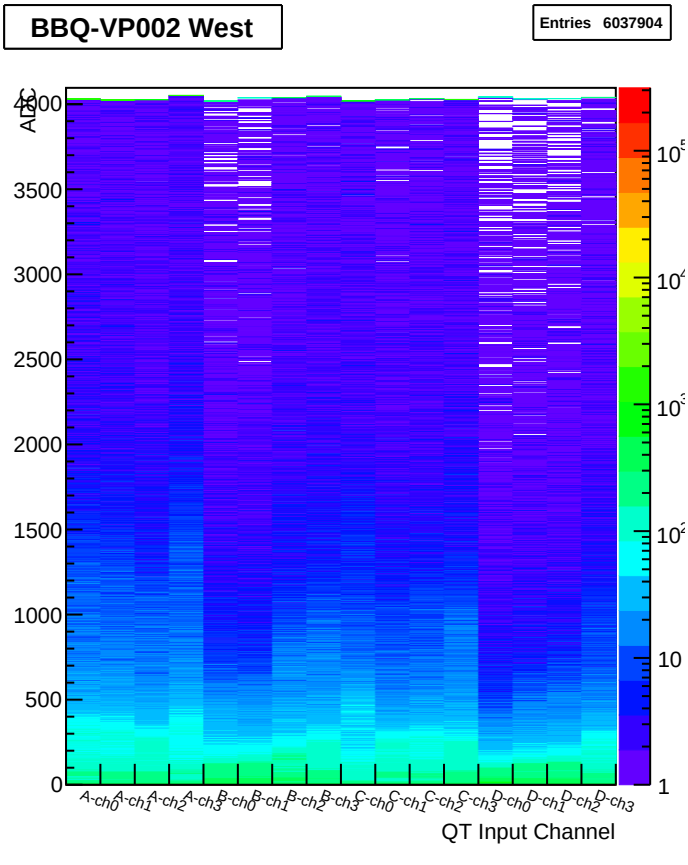

BBQ-BB002 (BBC west small tiles TAC)
Entries 6037904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

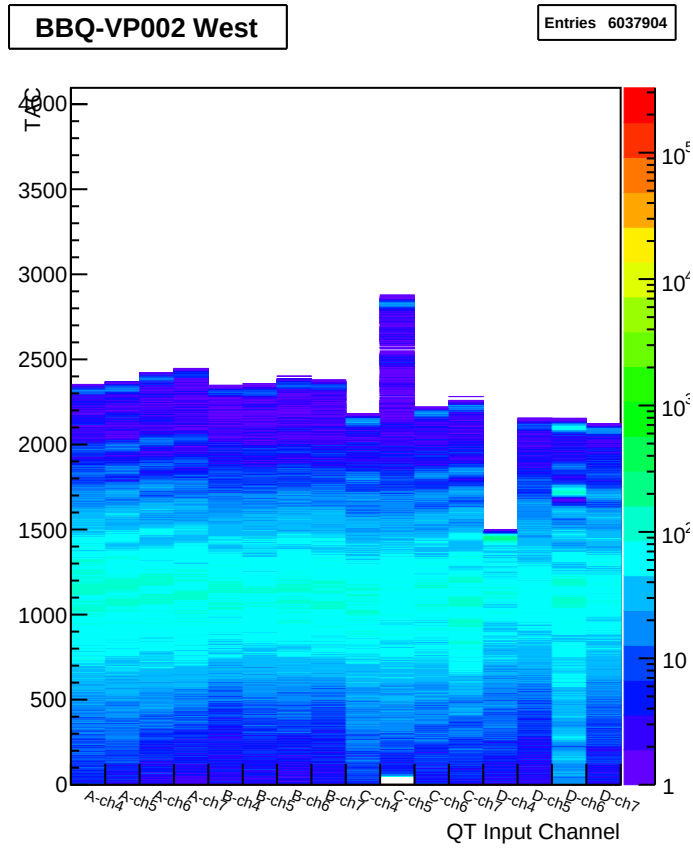

BBQ-ZD001 (ZDC TOWER)
Entries 6037904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

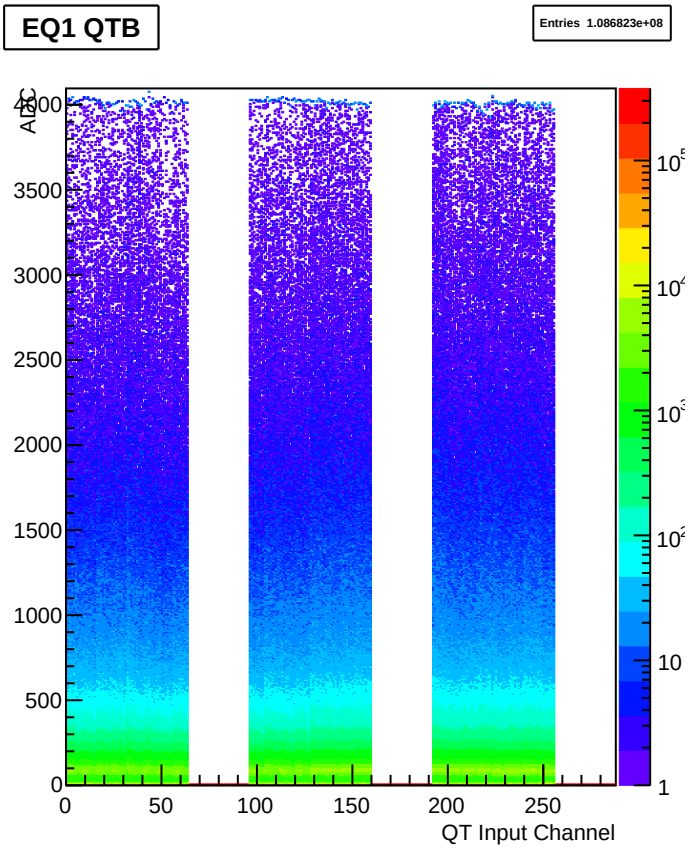

BBQ-ZD001 (ZDC TOWER)
Entries 6037904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

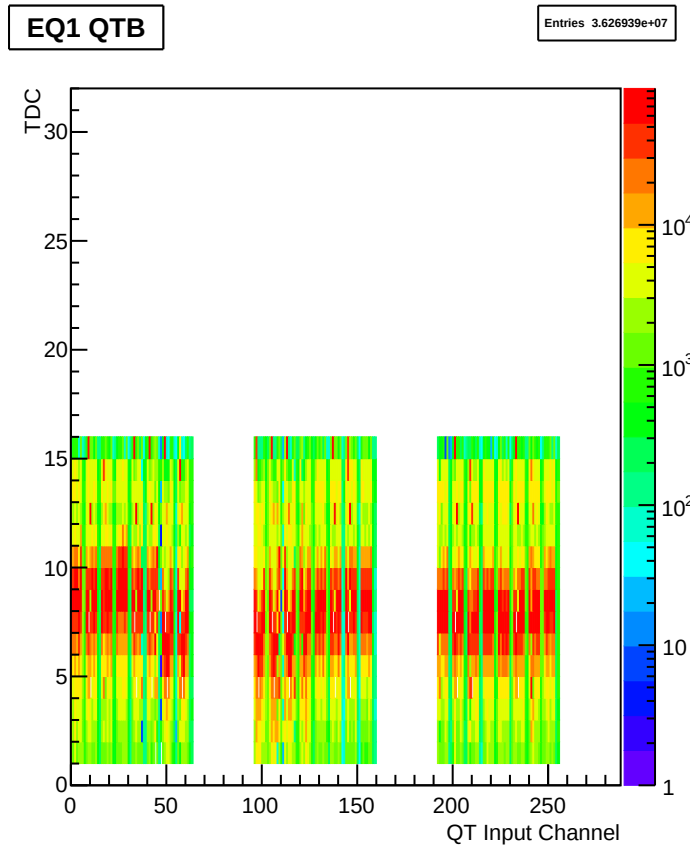

BBQ-VP001 East
Entries 6037904
ADC
QT Input Channel

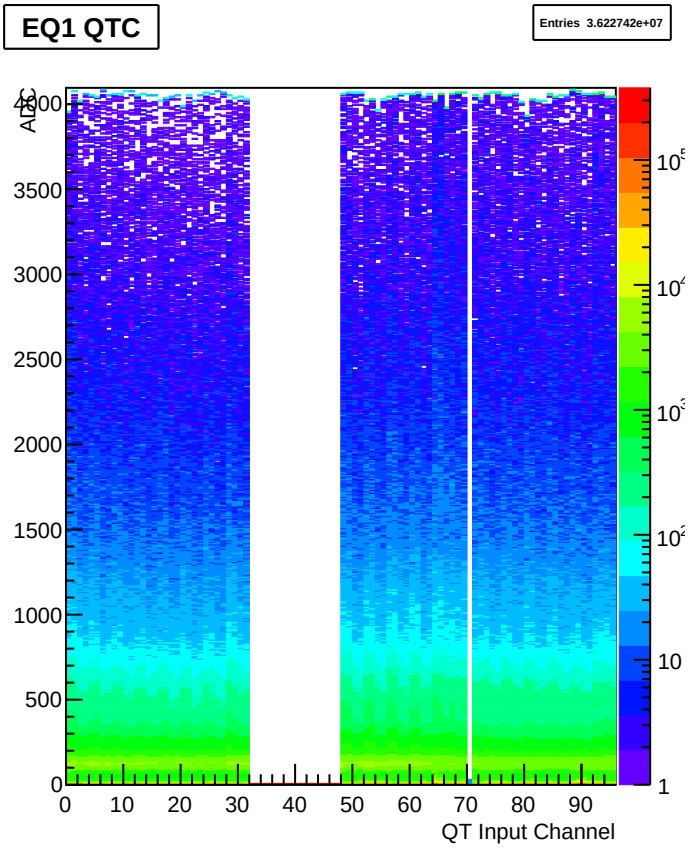

BBQ-VP001 East
Entries 6037904
ADC
QT Input Channel

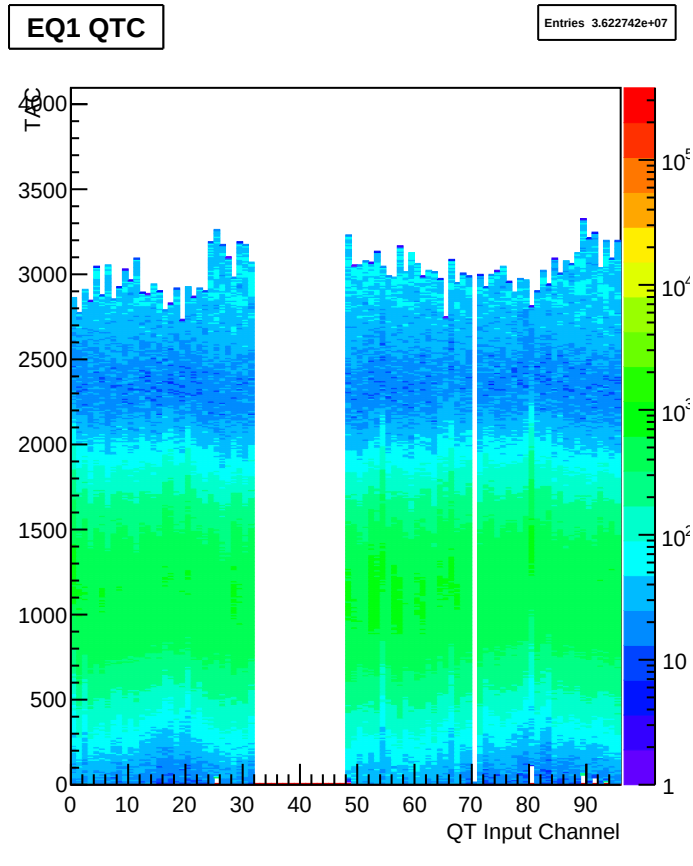

BBQ-VP002 West
Entries 6037904
ADC
QT Input Channel

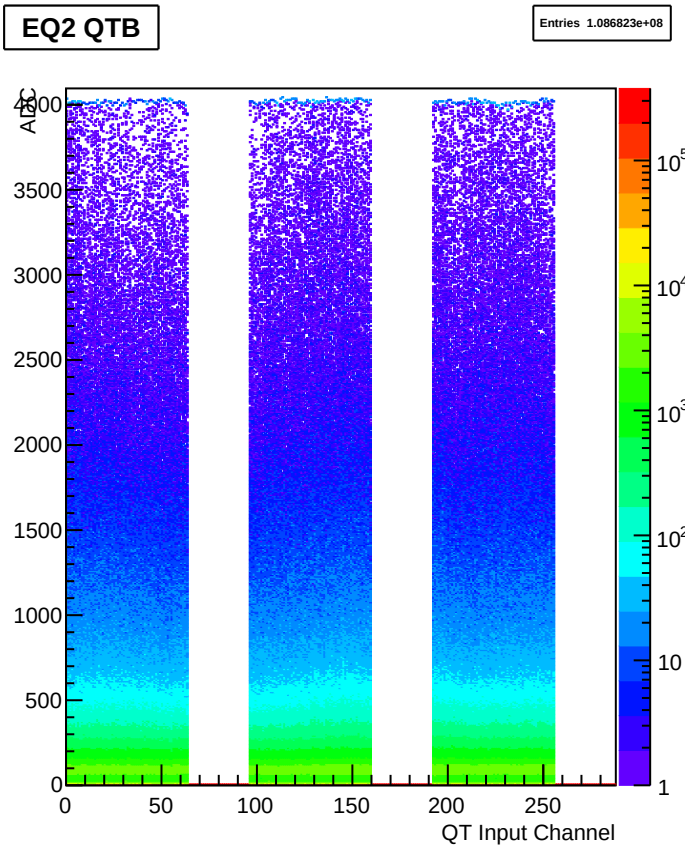

BBQ-VP002 West
Entries 6037904
ADC
QT Input Channel

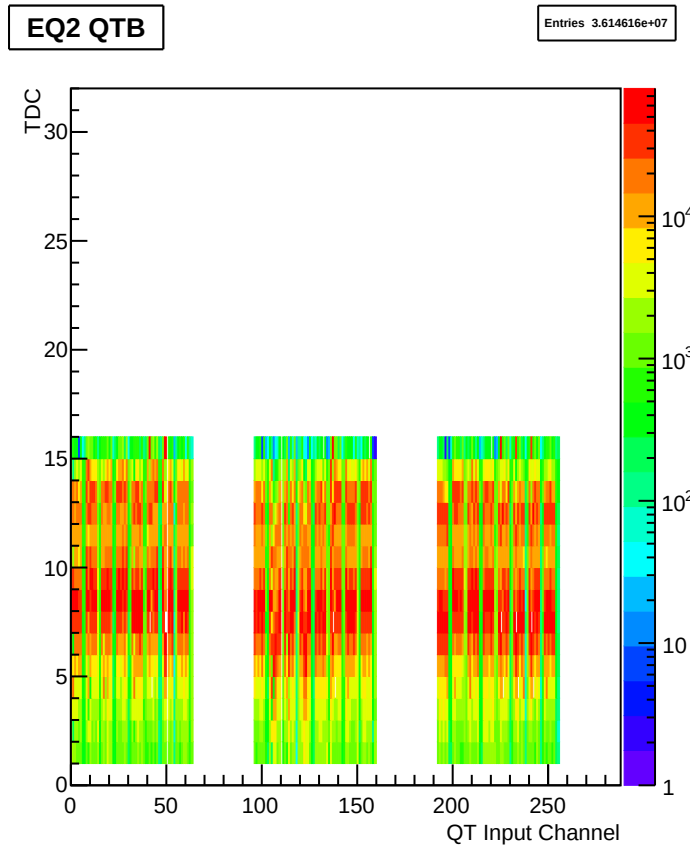

EQ1 QTB
Entries 1.086823e+08
ADC
QT Input Channel

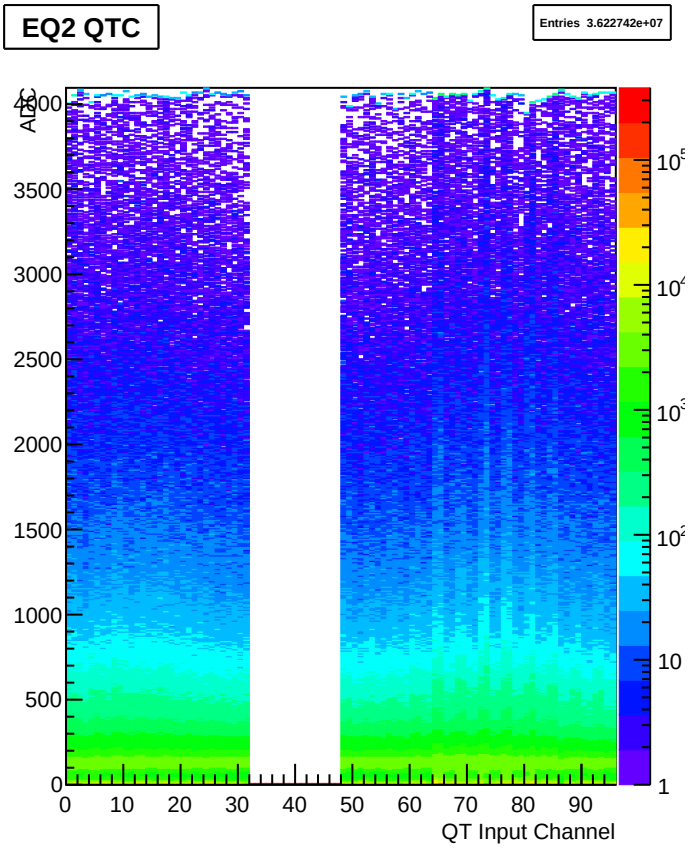

EQ1 QTB
Entries 3.626939e+07
TDC
QT Input Channel

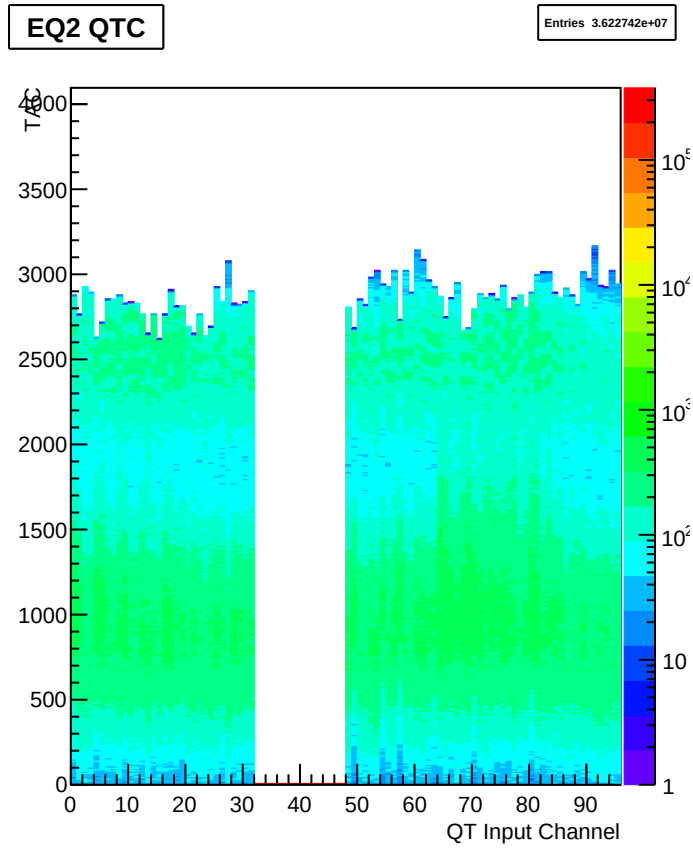

EQ1 QTC
Entries 3.622742e+07
ADC
QT Input Channel

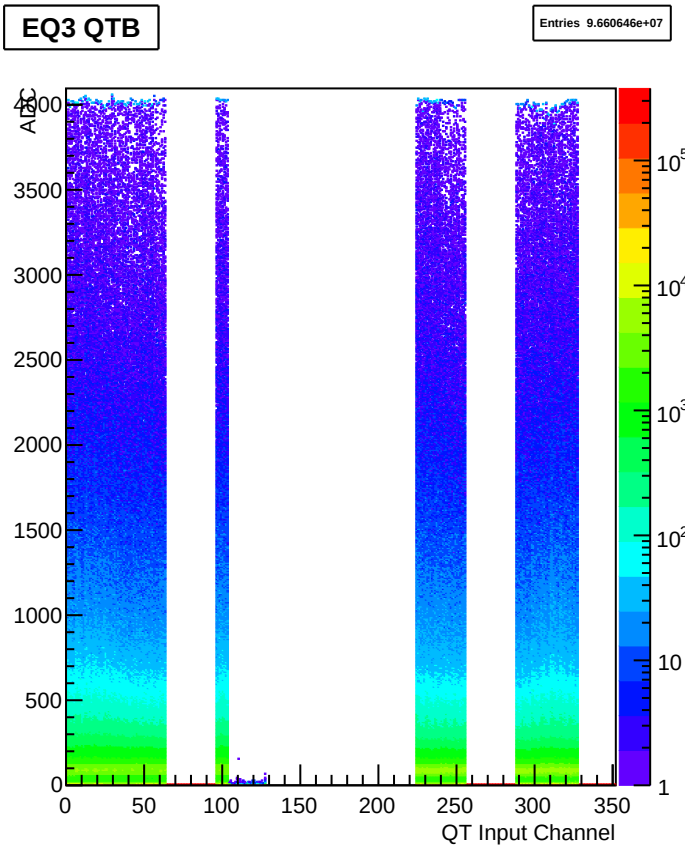

EQ1 QTC
Entries 3.622742e+07
TADC
QT Input Channel

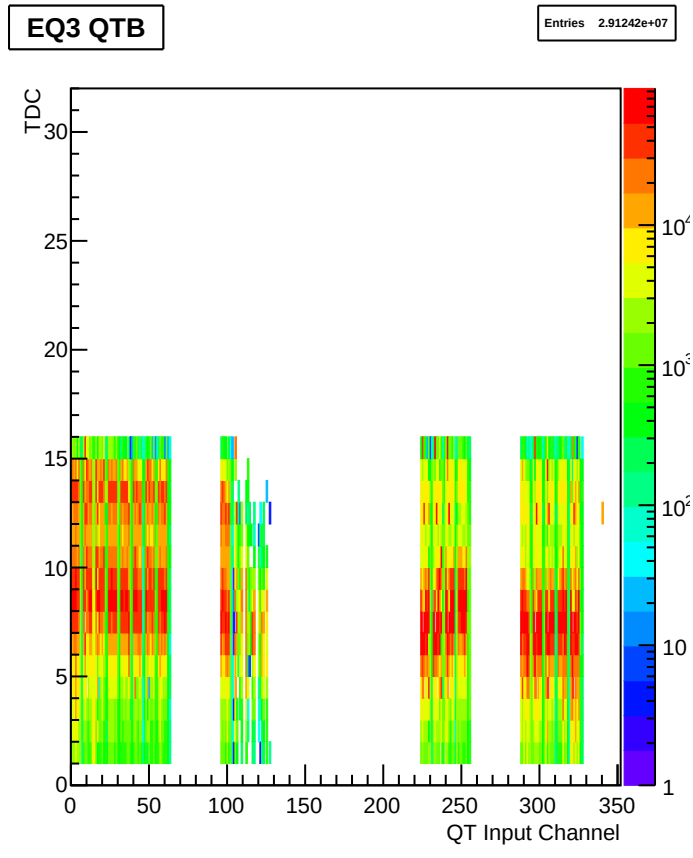

EQ2 QTB
Entries 1.086823e+08
ADC
QT Input Channel

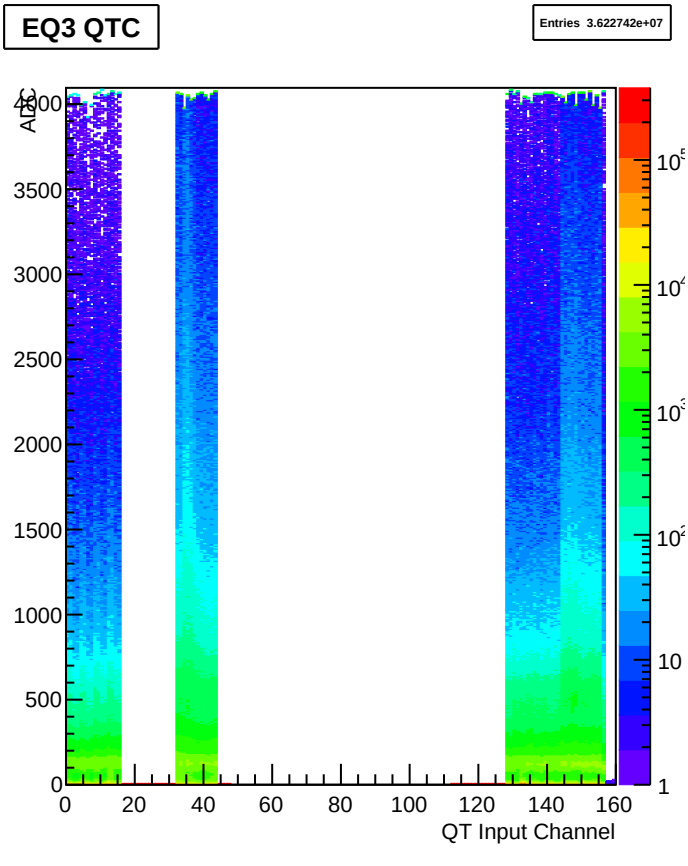

EQ2 QTB
Entries 3.614616e+07
TDC
QT Input Channel

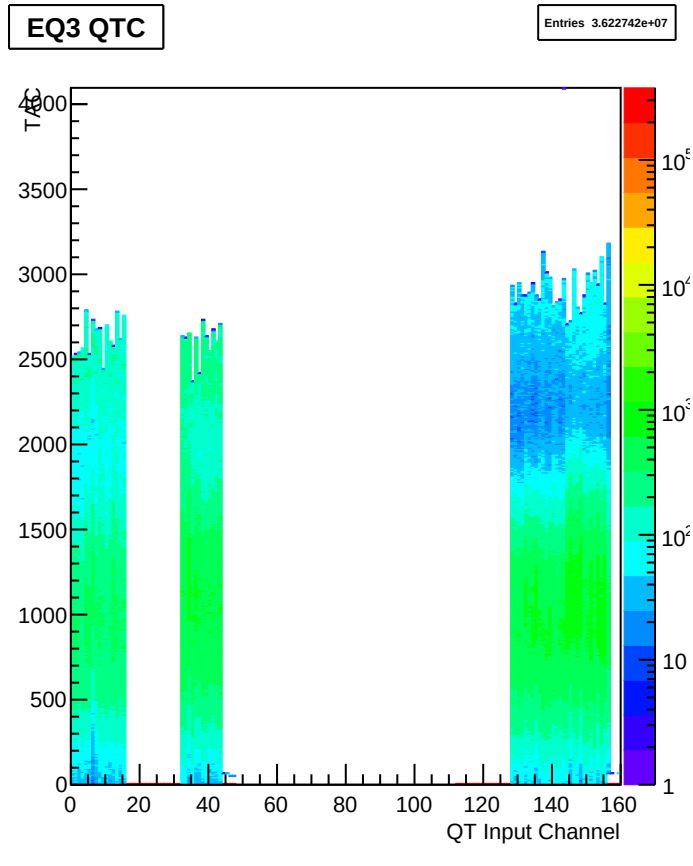

EQ2 QTC
Entries 3.622742e+07
ADC
QT Input Channel

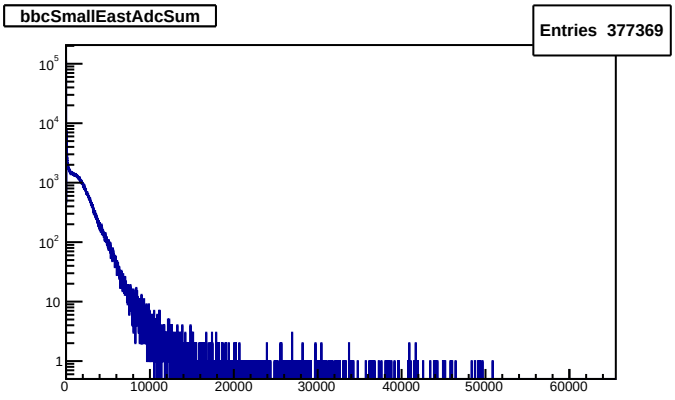

EQ2 QTC
Entries 3.622742e+07
TADC
QT Input Channel

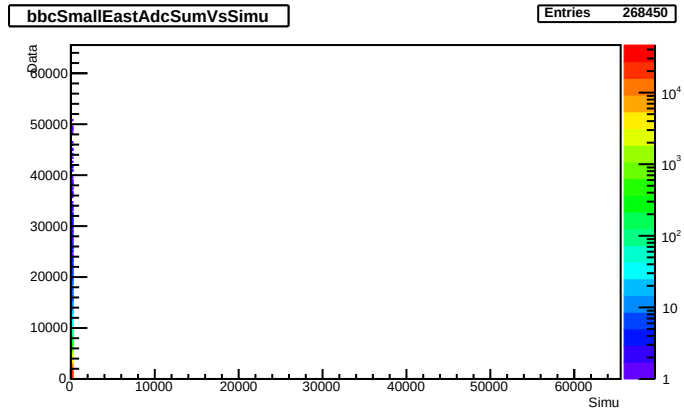

EQ3 QTB
Entries 9.660646e+07
ADC
QT Input Channel

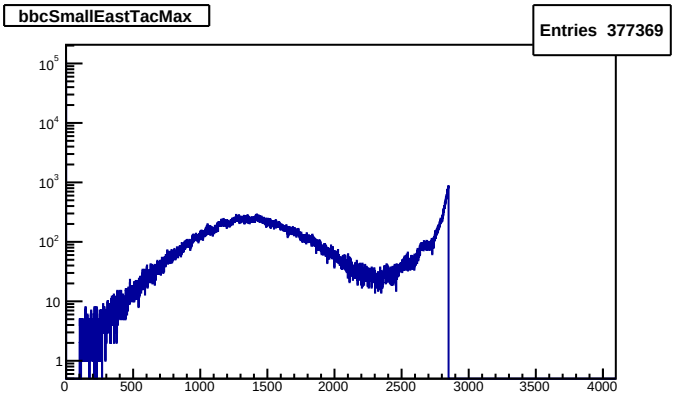

EQ3 QTB
Entries 2.91242e+07
TDC
QT Input Channel

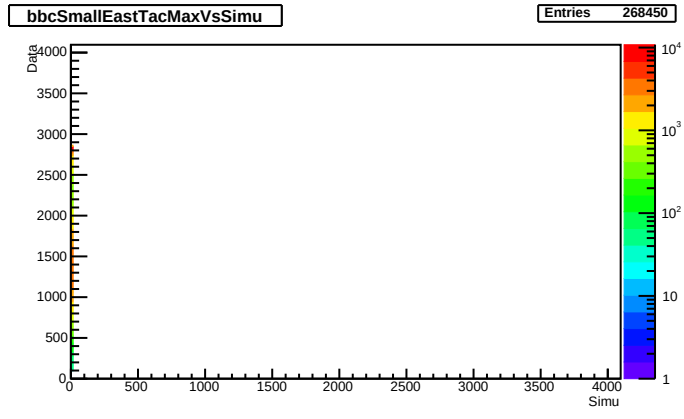

EQ3 QTC
Entries 3.622742e+07
ADC
QT Input Channel

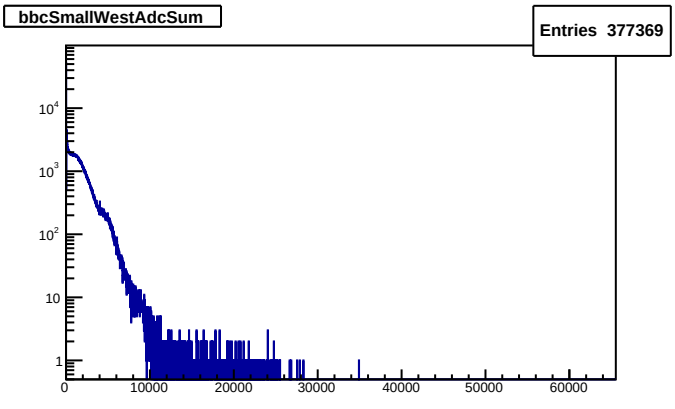

EQ3 QTC
Entries 3.622742e+07
TADC
QT Input Channel

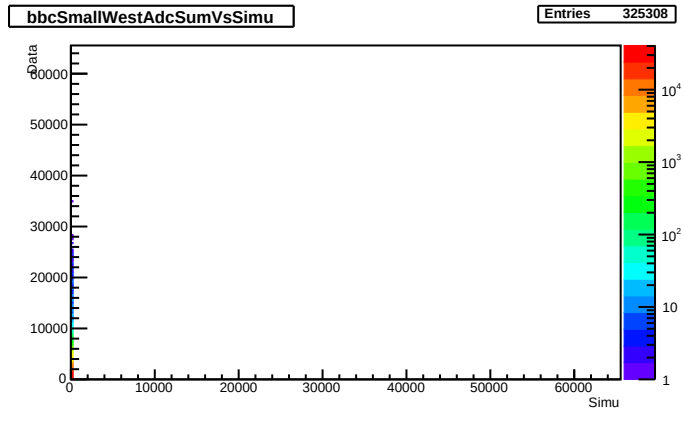

bbcSmallEastAdcSum
Entries 377369

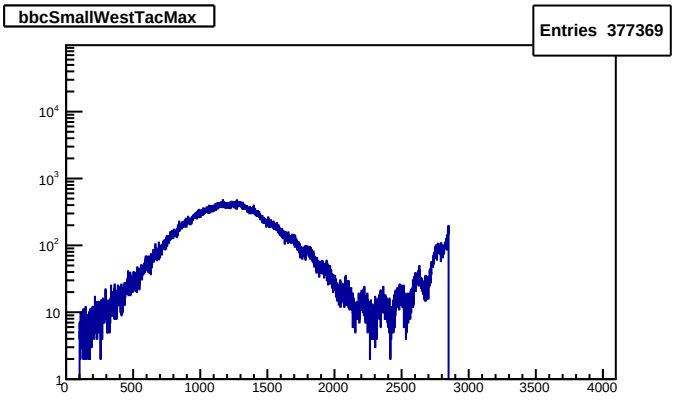

bbcSmallEastAdcSumVsSimu
Entries 268450
Data
Simu

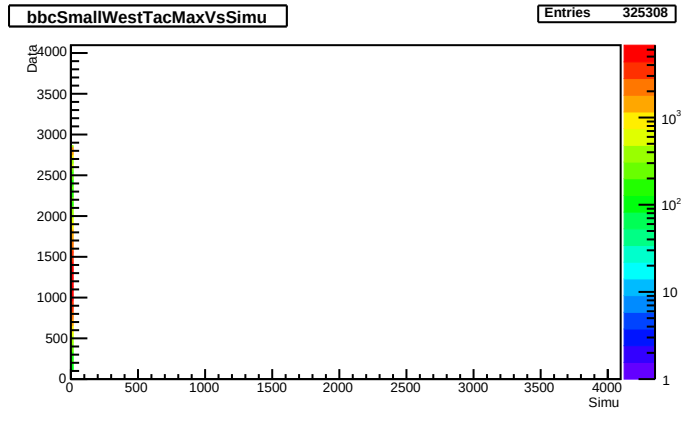

bbcSmallEastTacMax
Entries 377369

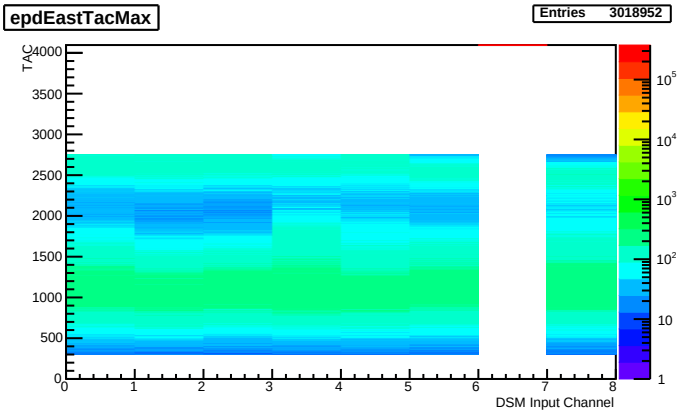

bbcSmallEastTacMaxVsSimu
Entries 268450
Data
Simu

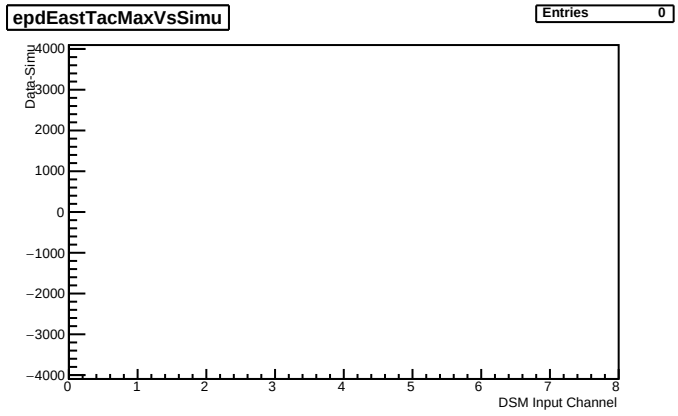

bbcSmallWestAdcSum
Entries 377369

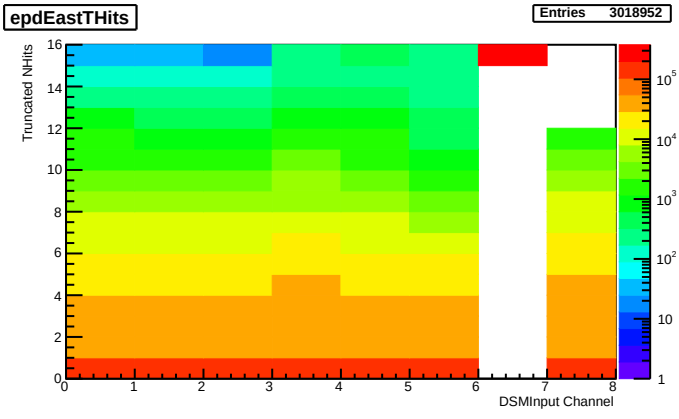

bbcSmallWestAdcSumVsSimu
Entries 325308
Data
Simu

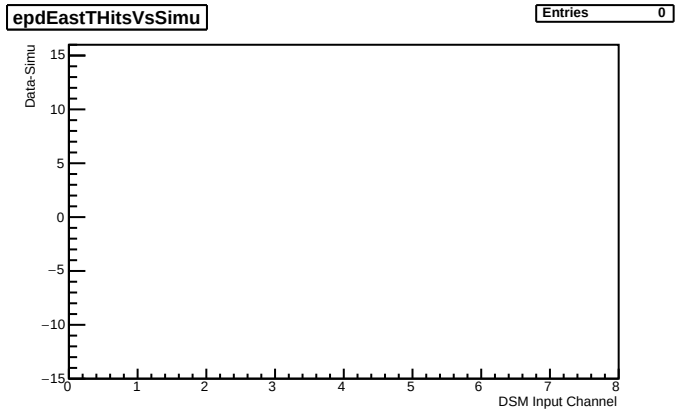

bbcSmallWestTacMax
Entries 377369

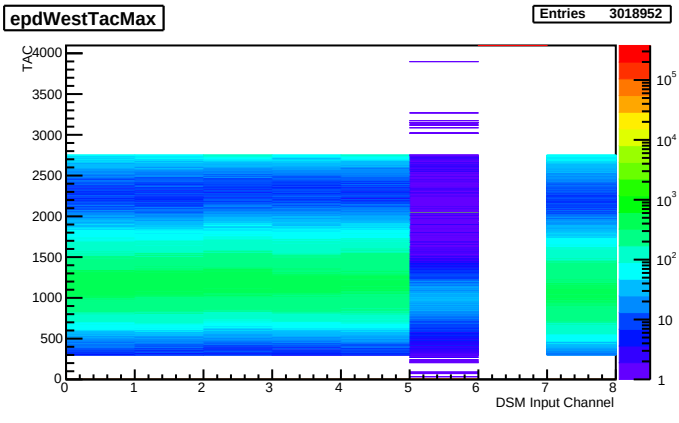

bbcSmallWestTacMaxVsSimu
Entries 325308
Data
Simu

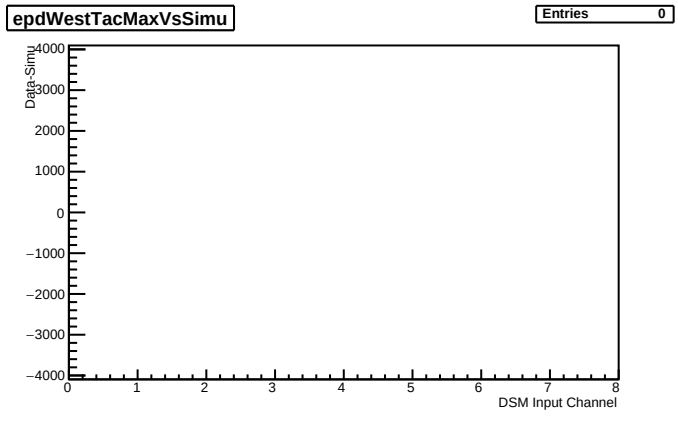

epdEastTacMax
Entries 3018952
TAC
DSM Input Channel

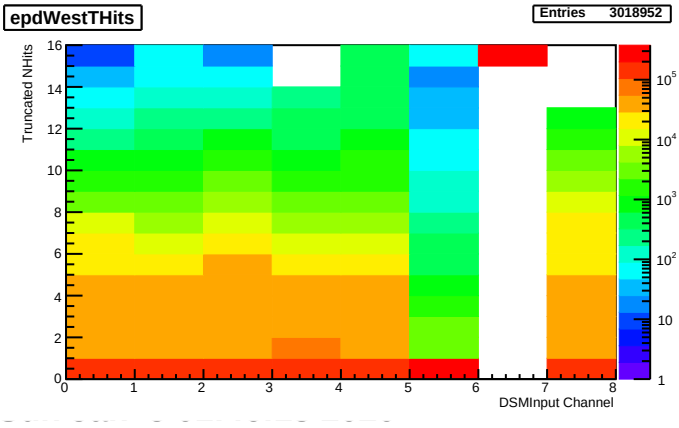

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

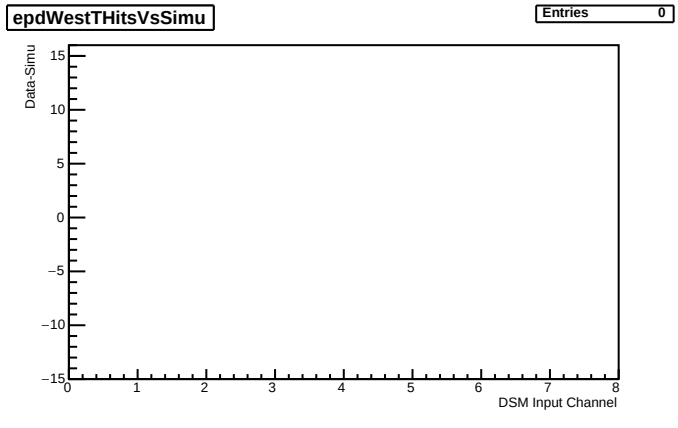

epdEastTHits
Entries 3018952
Truncated NHits
DSMInput Channel

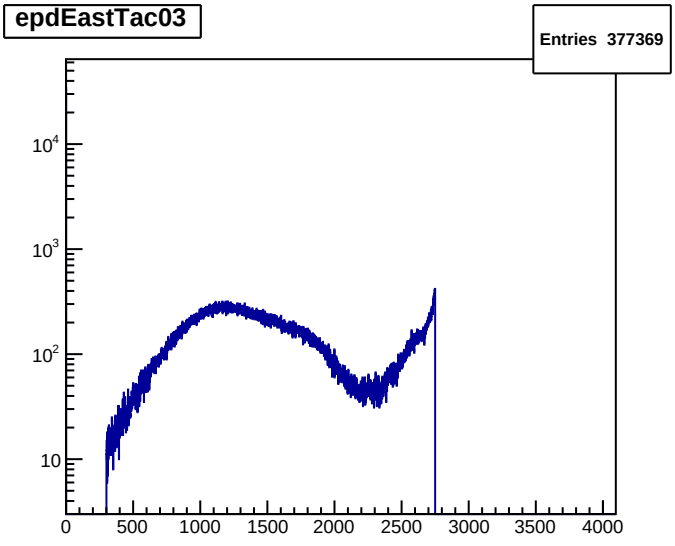

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

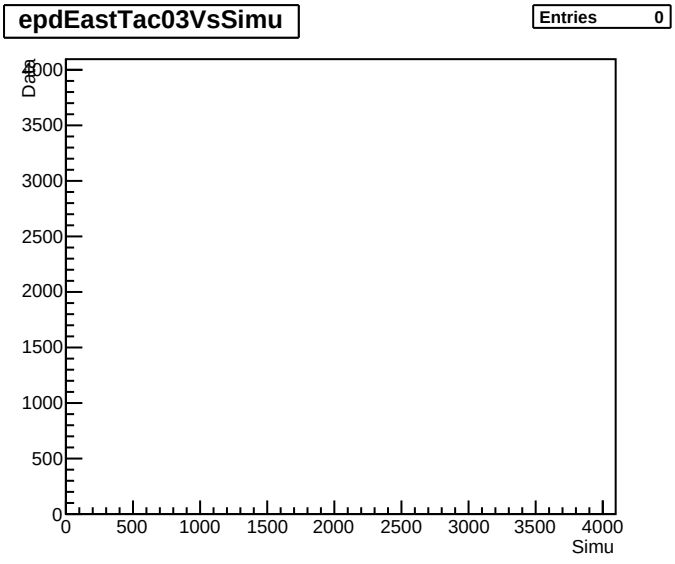

epdWestTacMax
Entries 3018952
TAC
DSM Input Channel

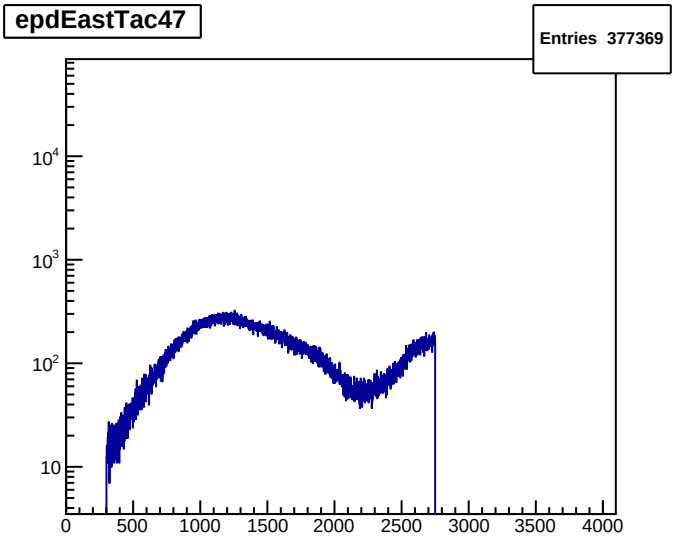

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

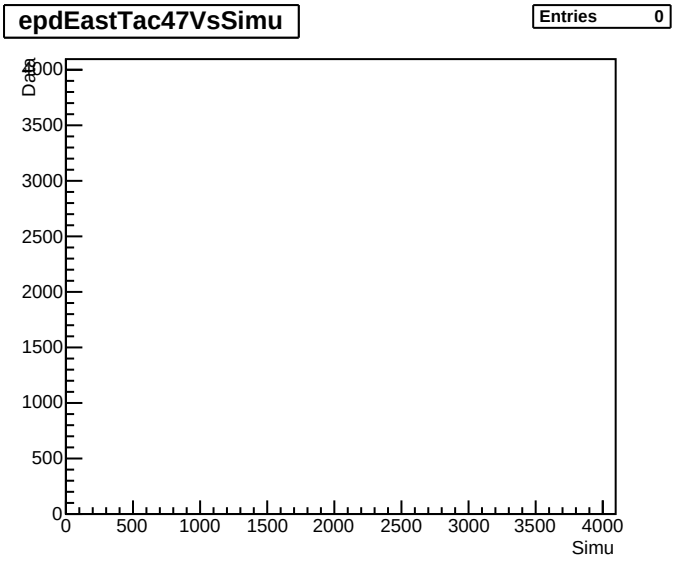

epdWestTHits
Entries 3018952
Truncated NHits
DSMInput Channel

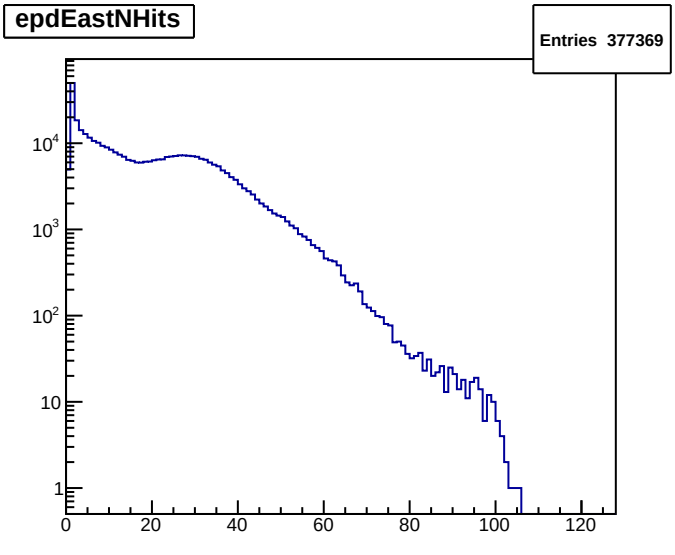

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

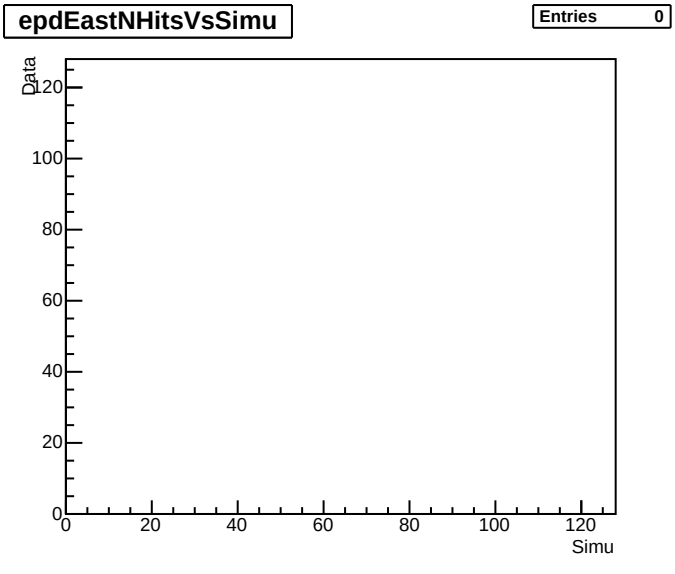

epdEastTac03
Entries 377369

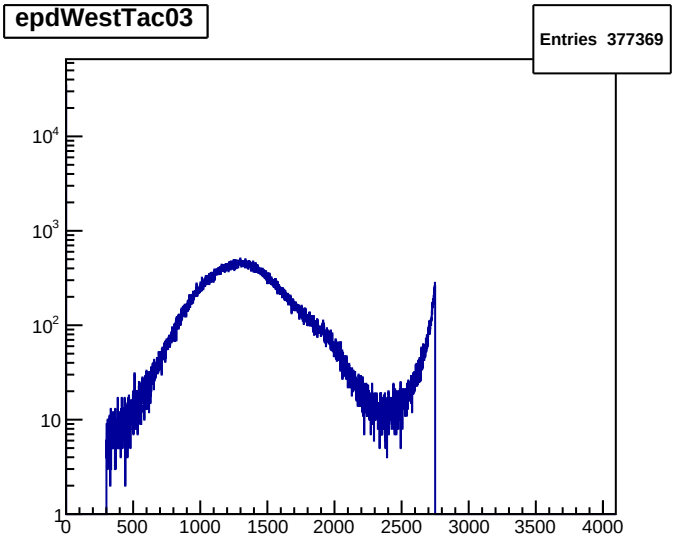

epdEastTac03VsSimu
Entries 0
Data
Simu

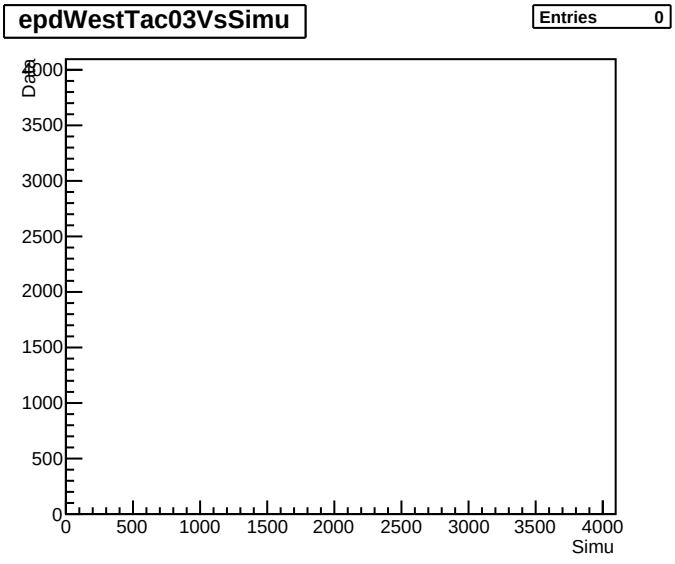

epdEastTac47
Entries 377369

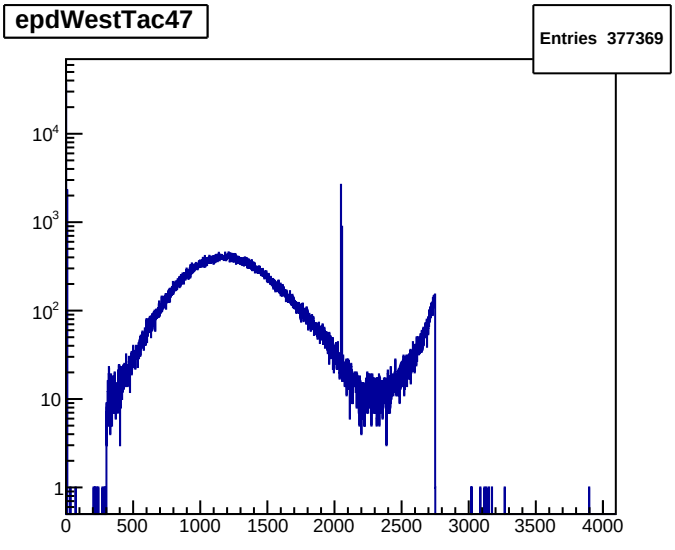

epdEastTac47VsSimu
Entries 0
Data
Simu

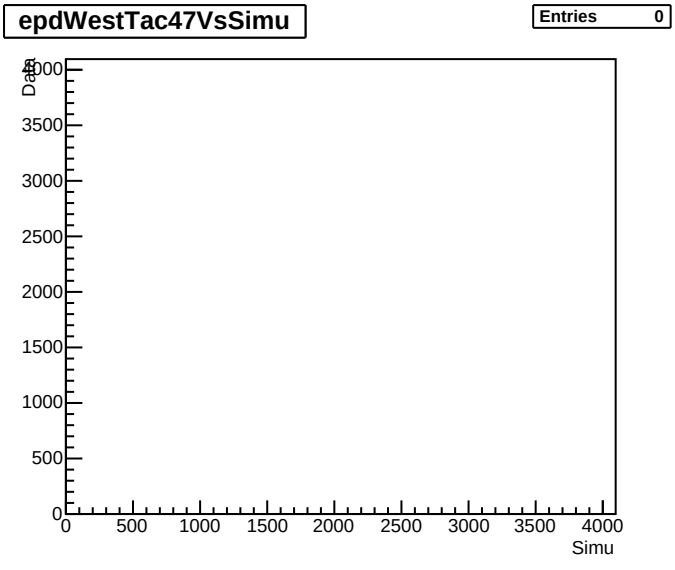

epdEastNHits
Entries 377369

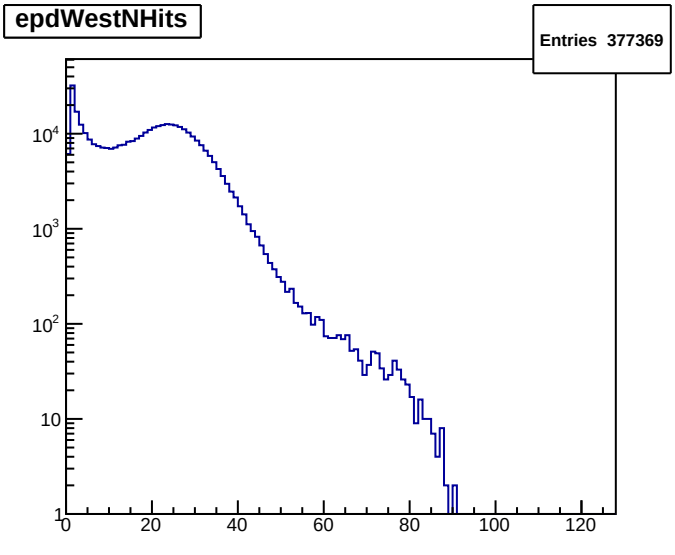

epdEastNHitsVsSimu
Entries 0
Data
Simu

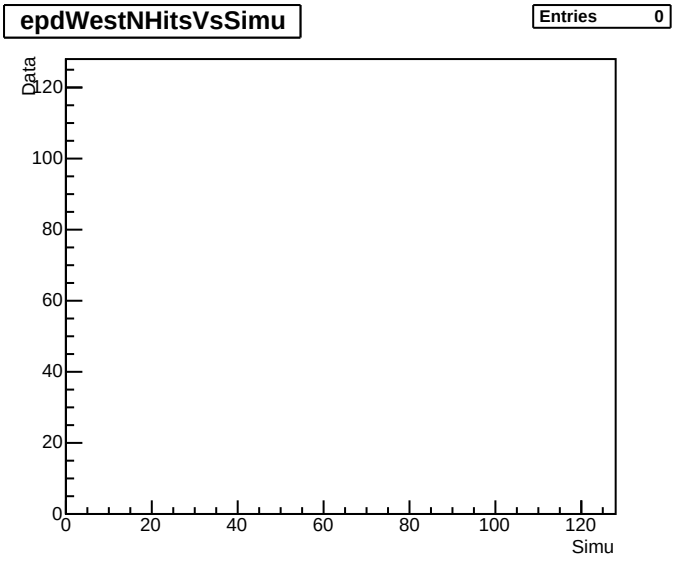

epdWestTac03
Entries 377369

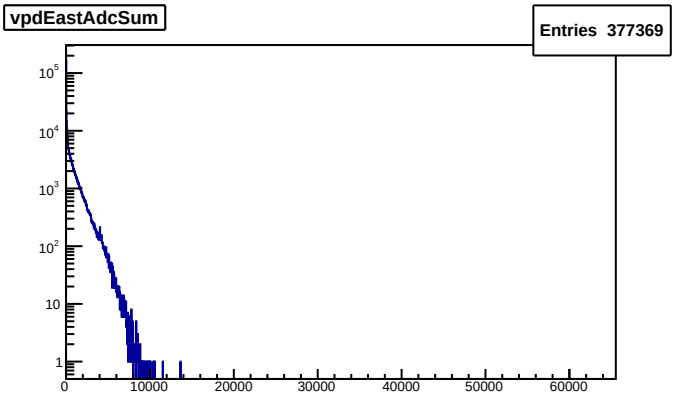

epdWestTac03VsSimu
Entries 0
Data
Simu

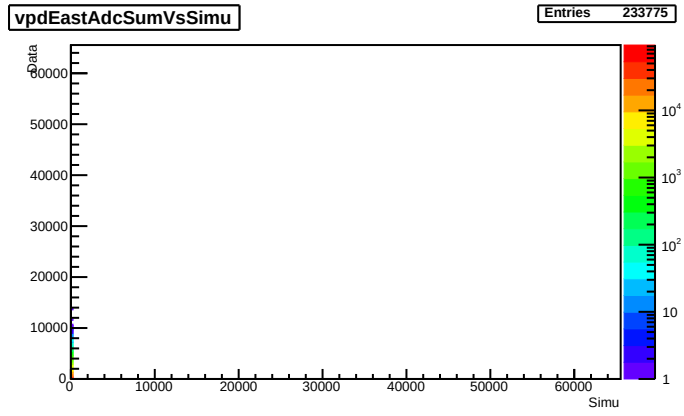

epdWestTac47
Entries 377369

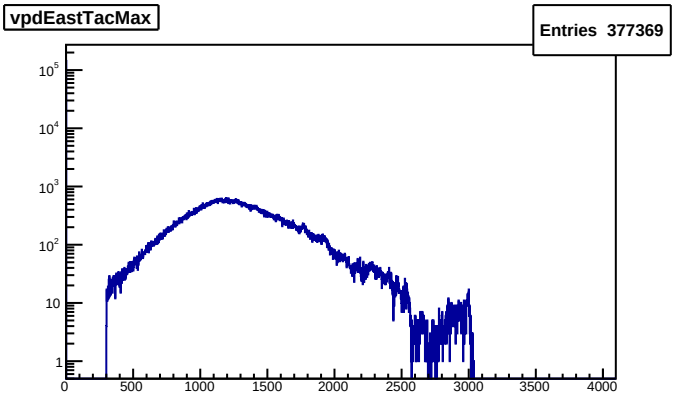

epdWestTac47VsSimu
Entries 0
Data
Simu

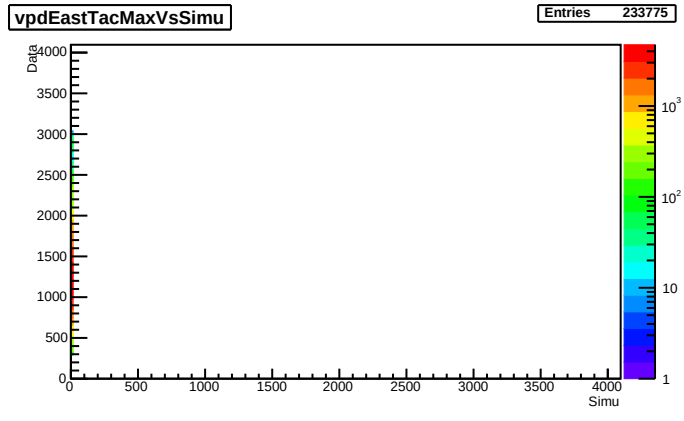

epdWestNHits
Entries 377369

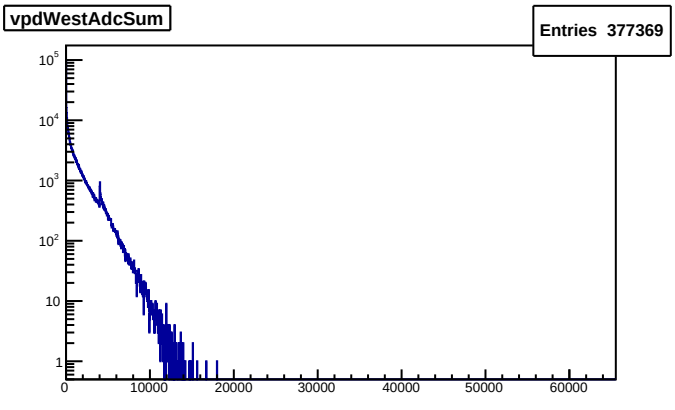

epdWestNHitsVsSimu
Entries 0
Data
Simu

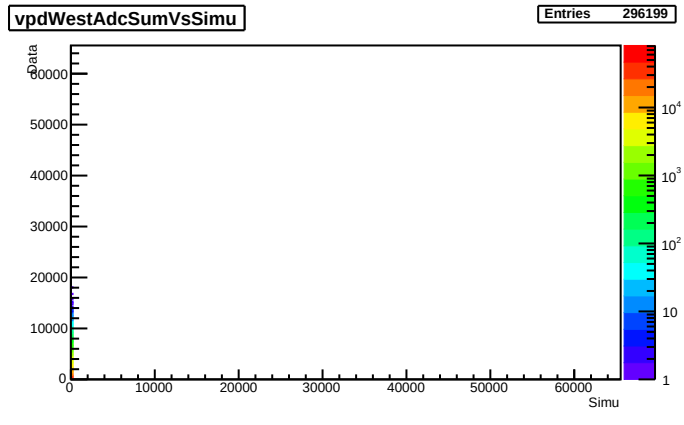

vpdEastAdcSum
Entries 377369

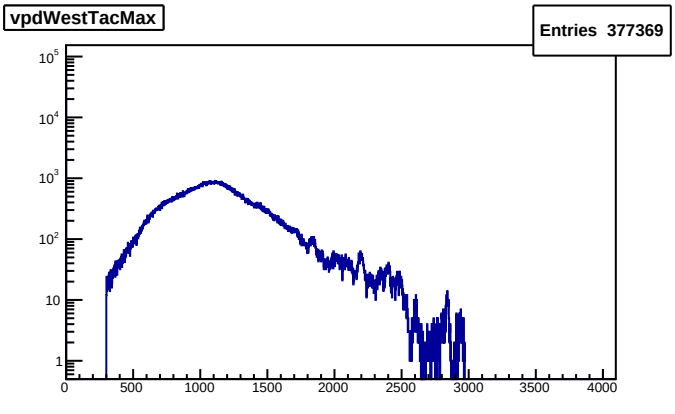

vpdEastAdcSumVsSimu
Entries 233775
Data
Simu

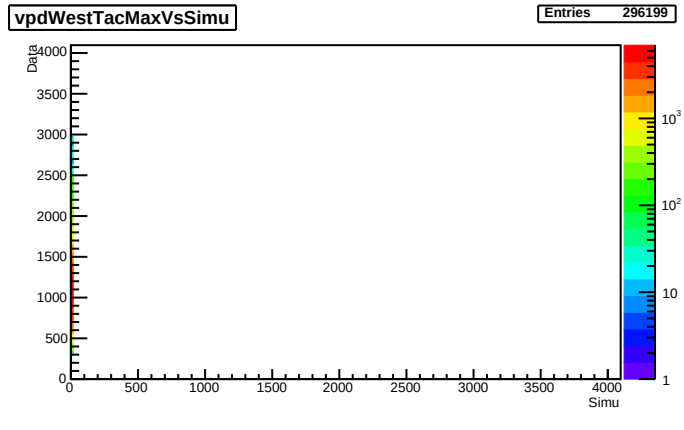

vpdEastTacMax
Entries 377369

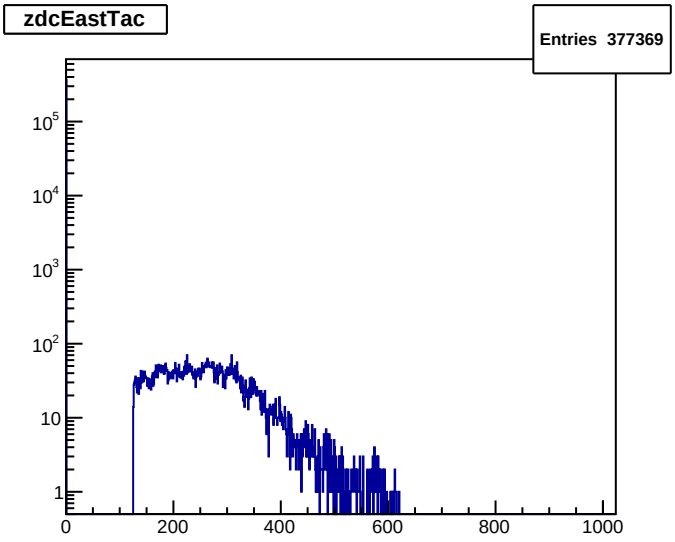

vpdEastTacMaxVsSimu
Entries 233775
Data
Simu

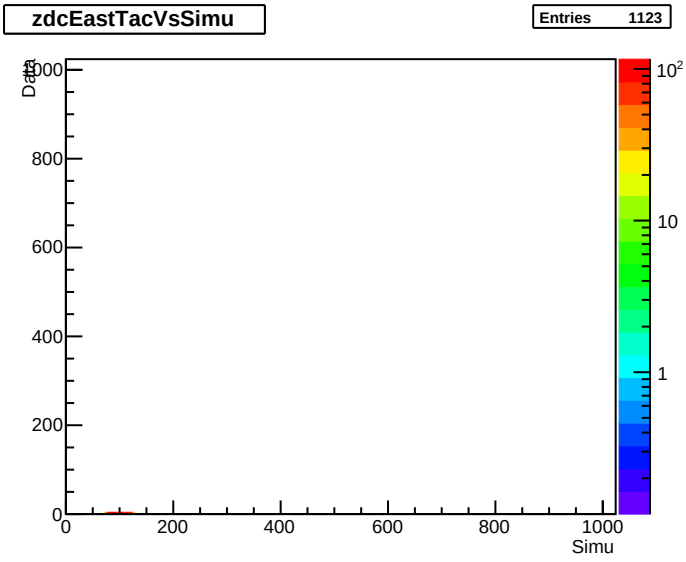

vpdWestAdcSum
Entries 377369

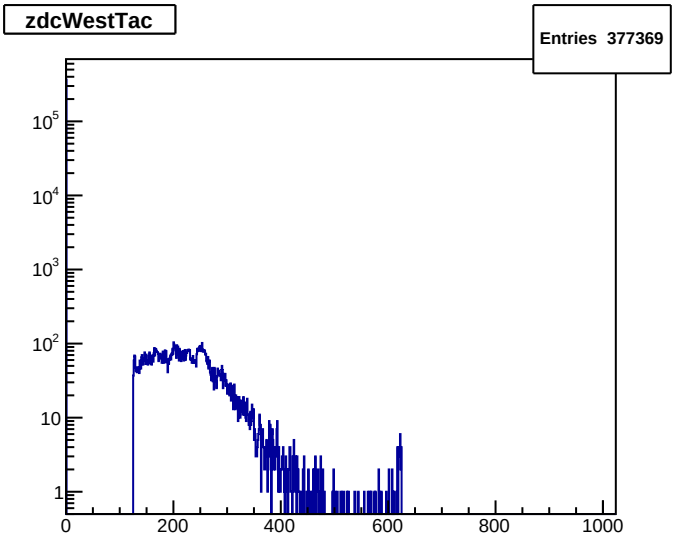

vpdWestAdcSumVsSimu
Entries 296199
Data
Simu

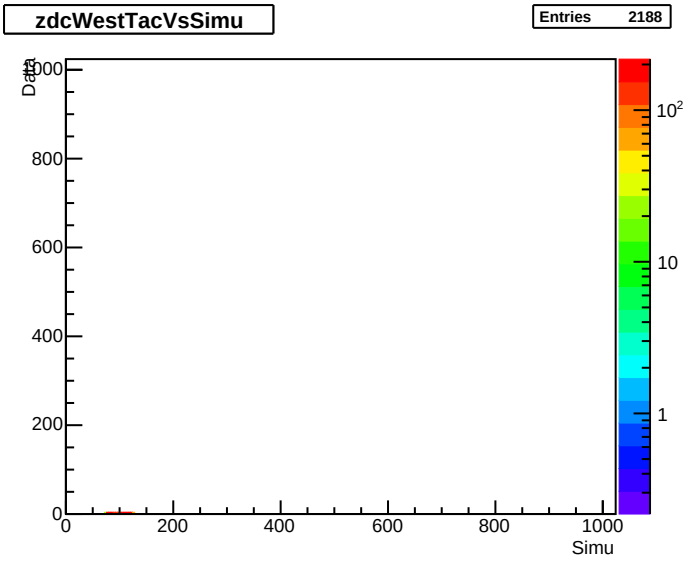

vpdWestTacMax
Entries 377369

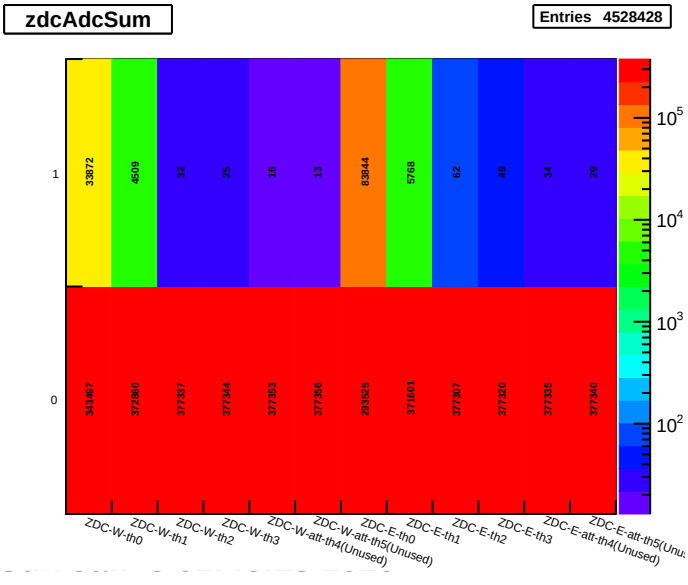

vpdWestTacMaxVsSimu
Entries 296199
Data
Simu

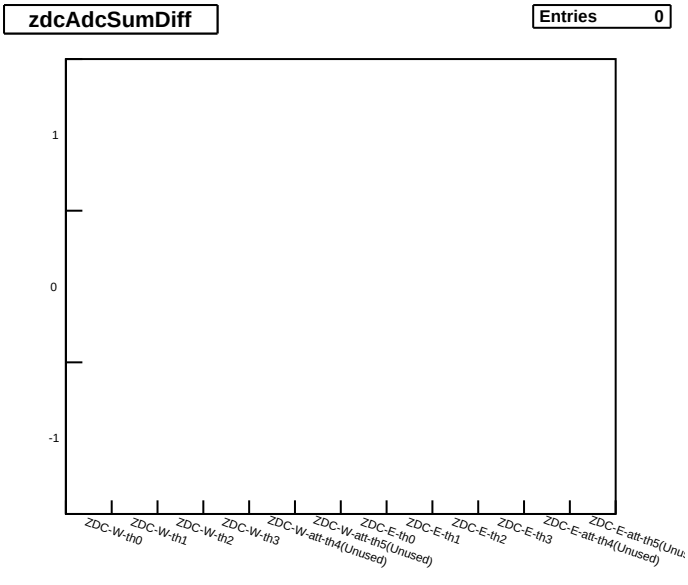

zdcEastTac
Entries 377369

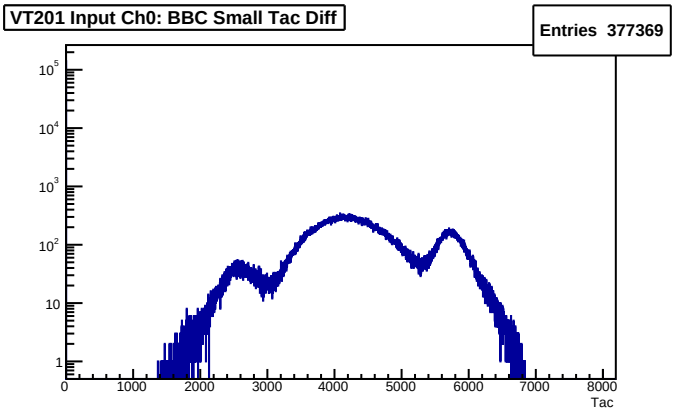

zdcEastTacVsSimu
Entries 1123
Data
Simu

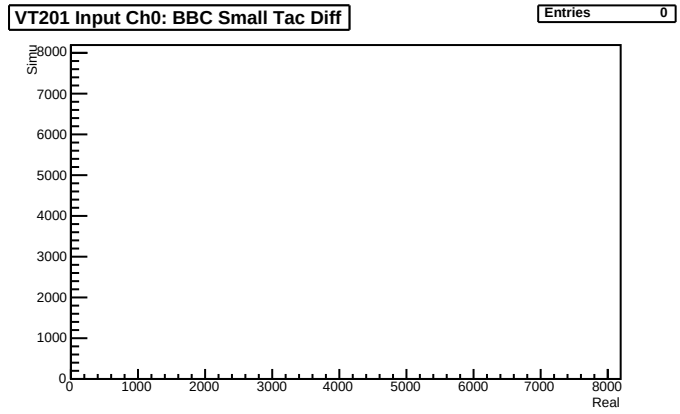

zdcWestTac
Entries 377369

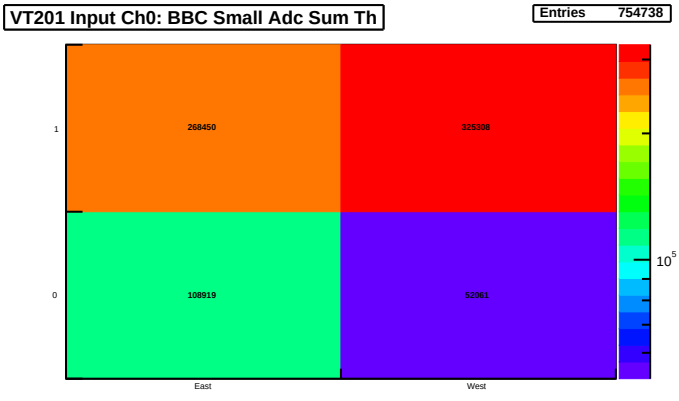

zdcWestTacVsSimu
Entries 2188
Data
Simu

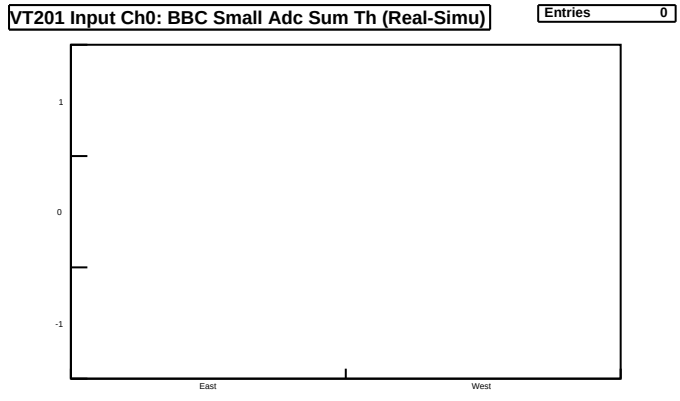

zdcAdcSum
Entries 4528428
33872
4509
32
25
16
13
83844
5768
62
49
34
29
343497
372860
377337
377344
377353
377356
293525
371601
377307
377320
377335
377340
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

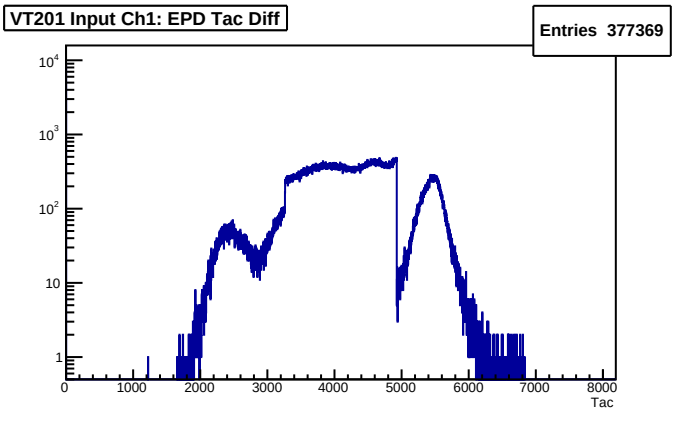

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

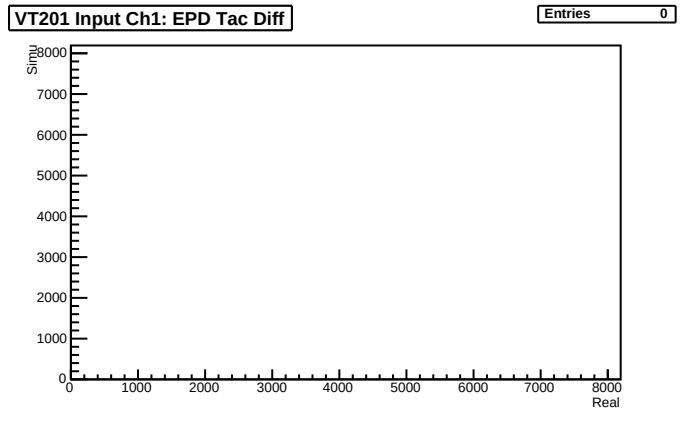

VT201 Input Ch0: BBC Small Tac Diff
Entries 377369
Tac

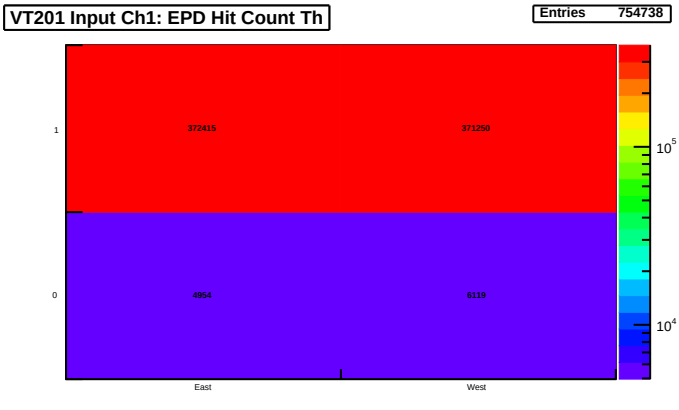

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

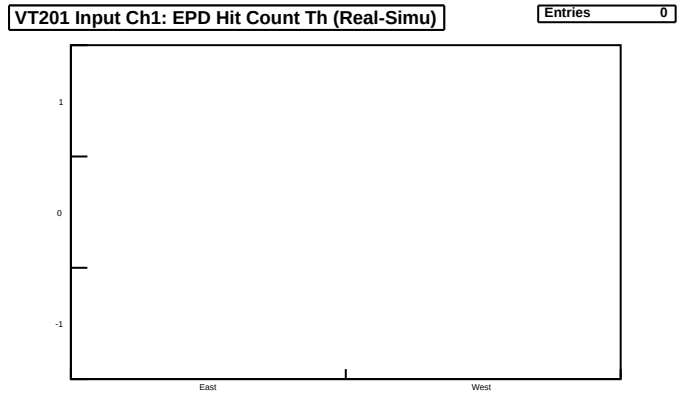

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 754738
268450
325308
108919
52061
East
West

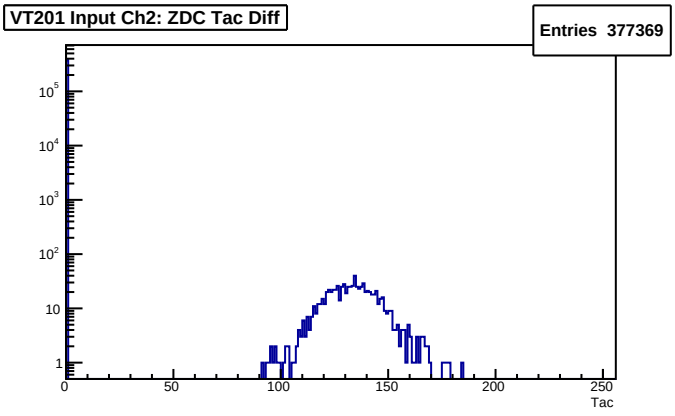

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

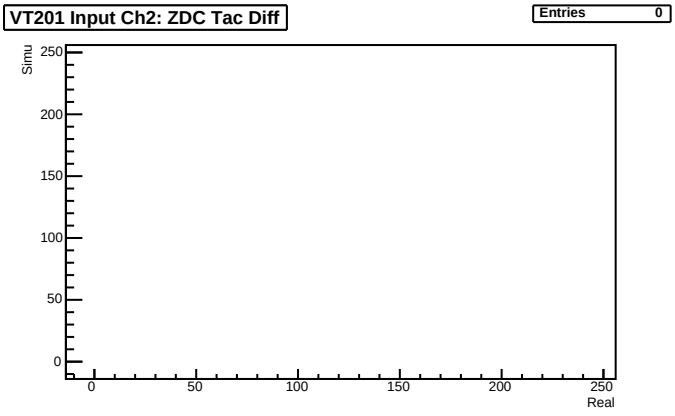

VT201 Input Ch1: EPD Tac Diff
Entries 377369
Tac

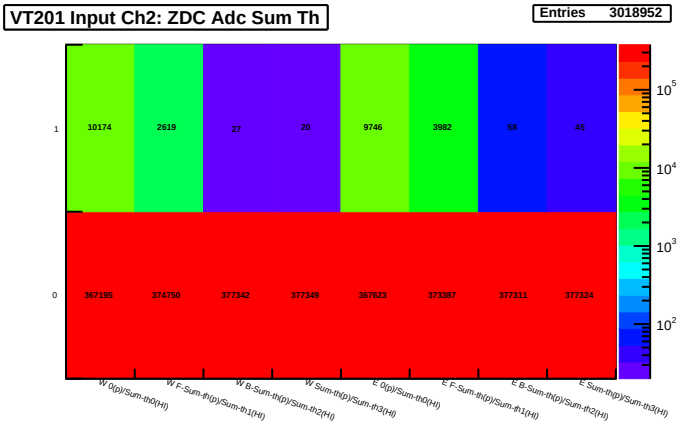

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

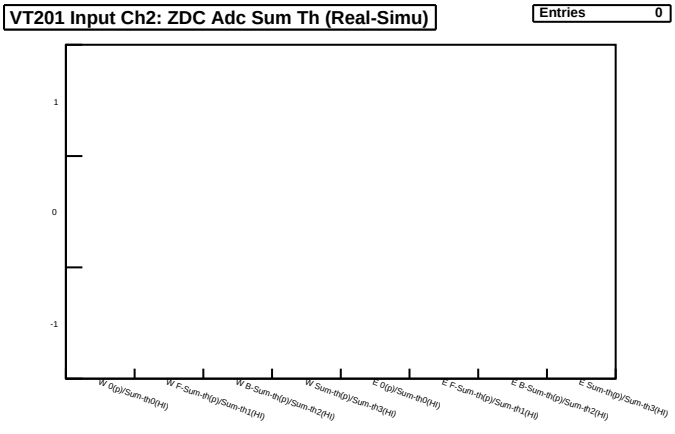

VT201 Input Ch1: EPD Hit Count Th
Entries 754738
372415
371250
4954
6119
East
West

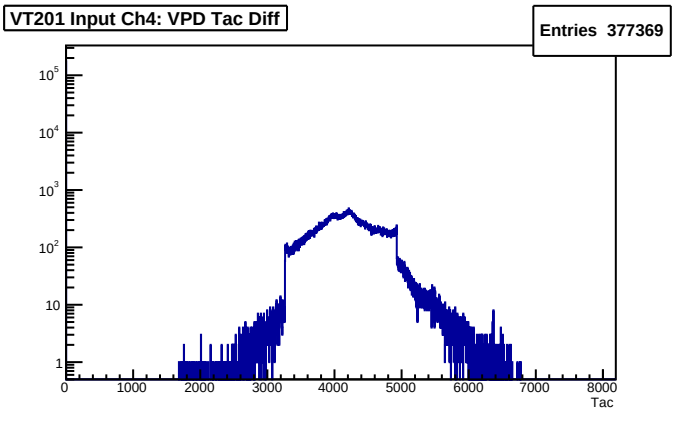

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

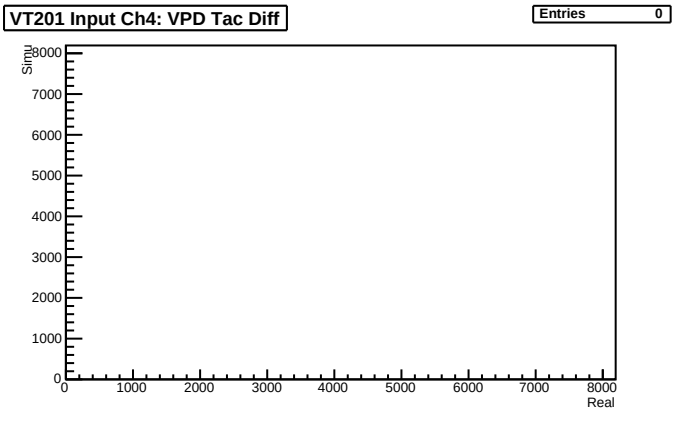

VT201 Input Ch2: ZDC Tac Diff
Entries 377369
Tac

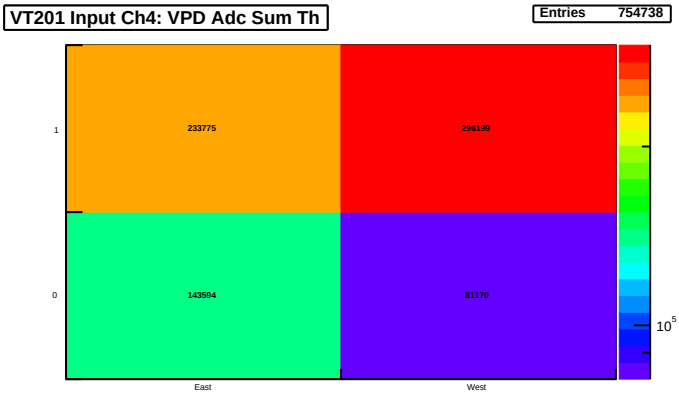

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

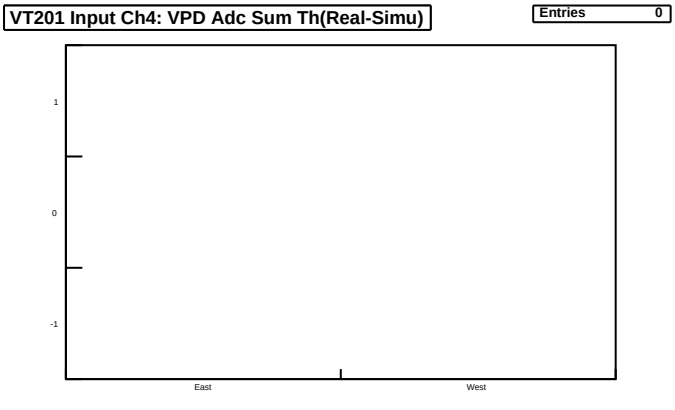

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3018952
10174
2619
27
20
9746
3982
58
45
367195
374750
377342
377349
367623
373387
377311
377324
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

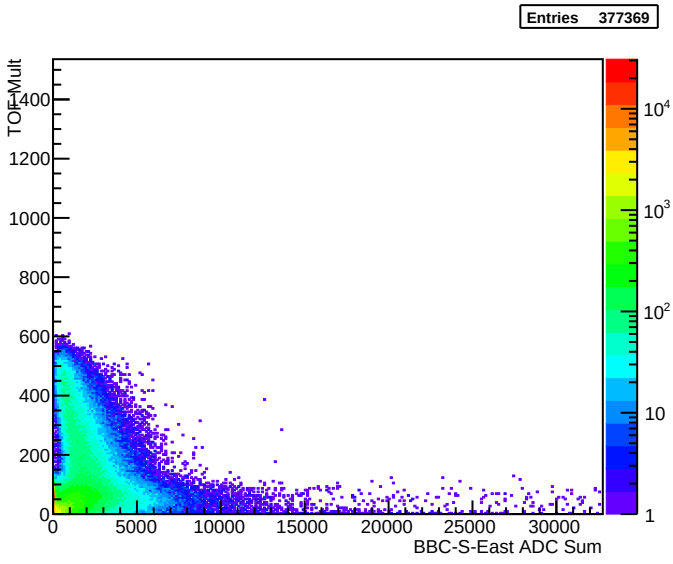

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

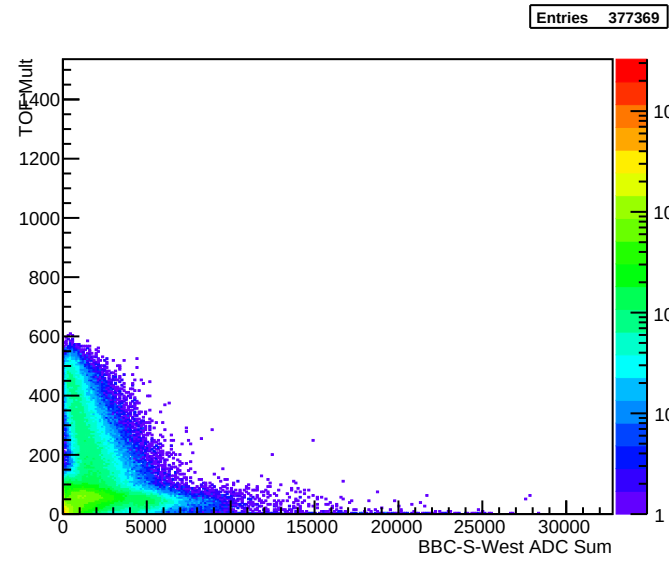

VT201 Input Ch4: VPD Tac Diff
Entries 377369
Tac

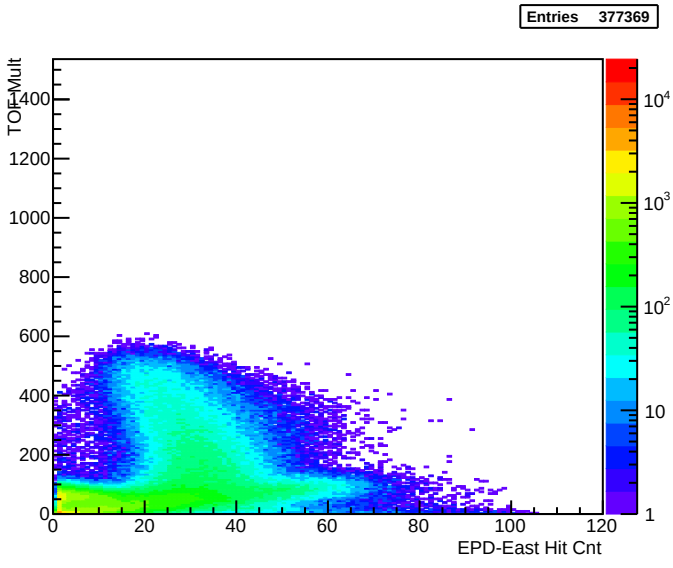

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

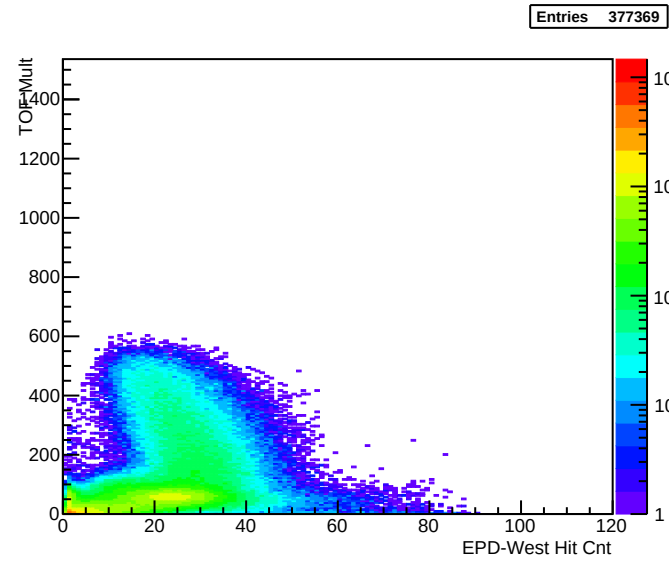

VT201 Input Ch4: VPD Adc Sum Th
Entries 754738
233775
296199
143594
81170
East
West

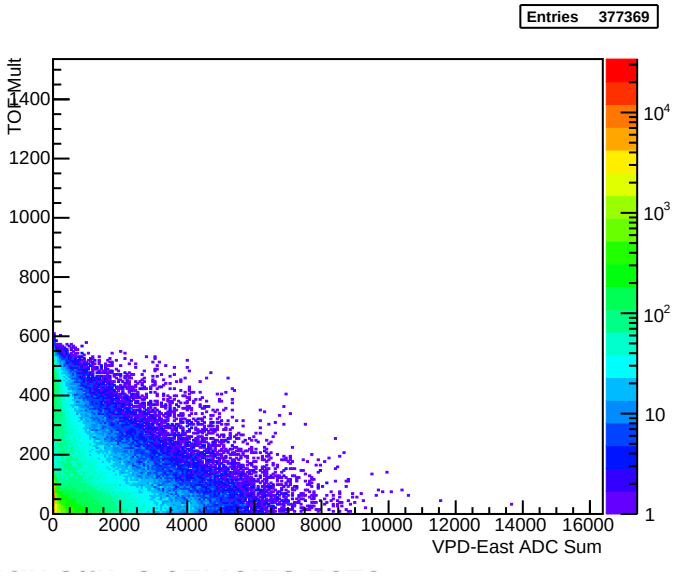

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

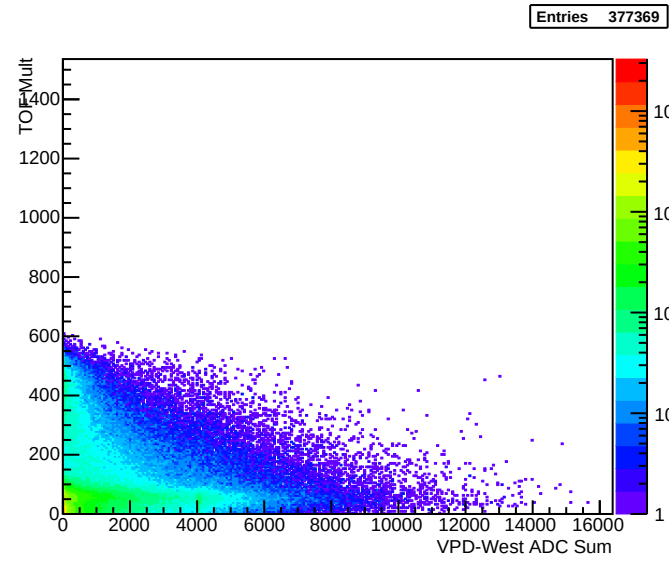

Entries 377369
TOF-Mult
BBC-S-East ADC Sum

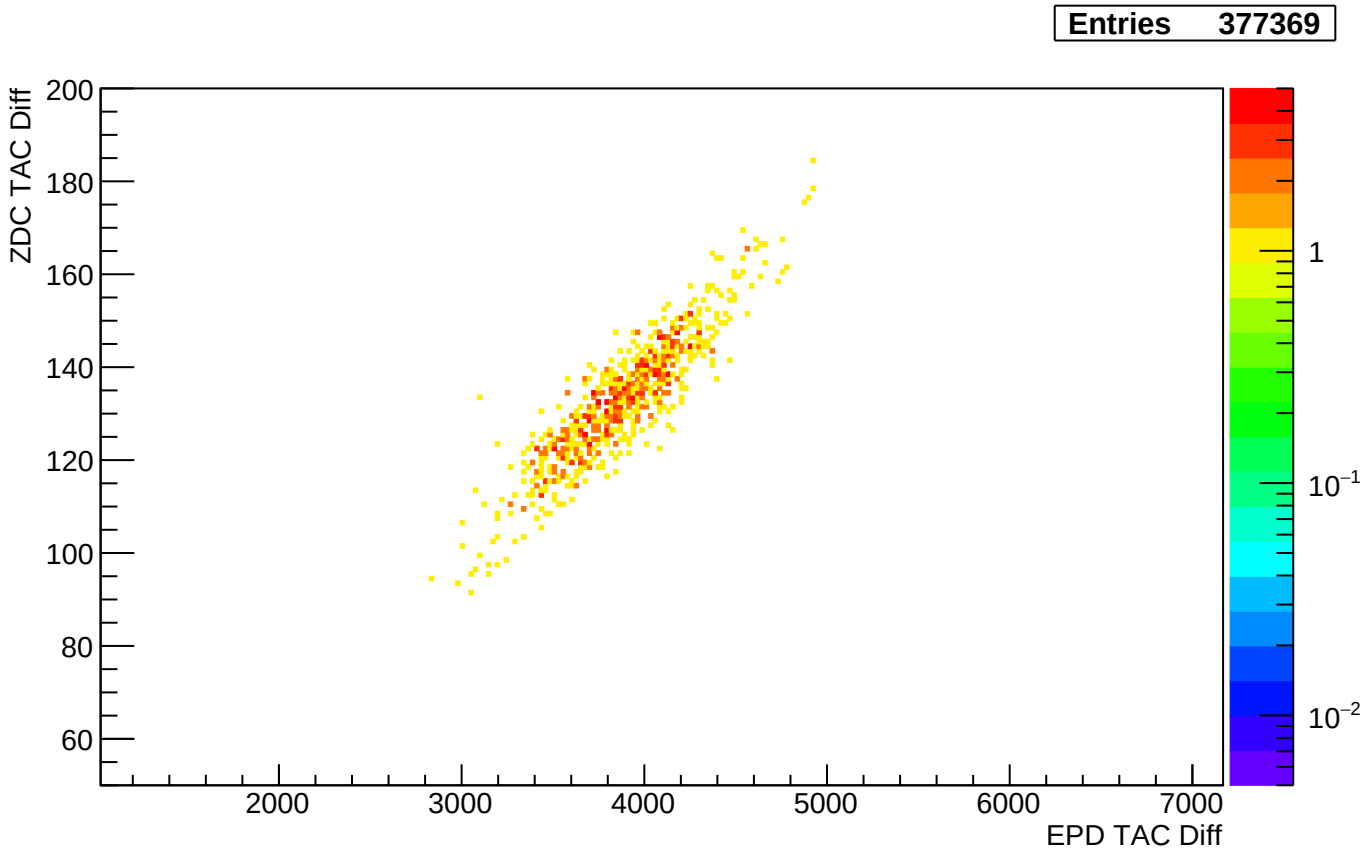

Entries 377369
TOF-Mult
BBC-S-West ADC Sum

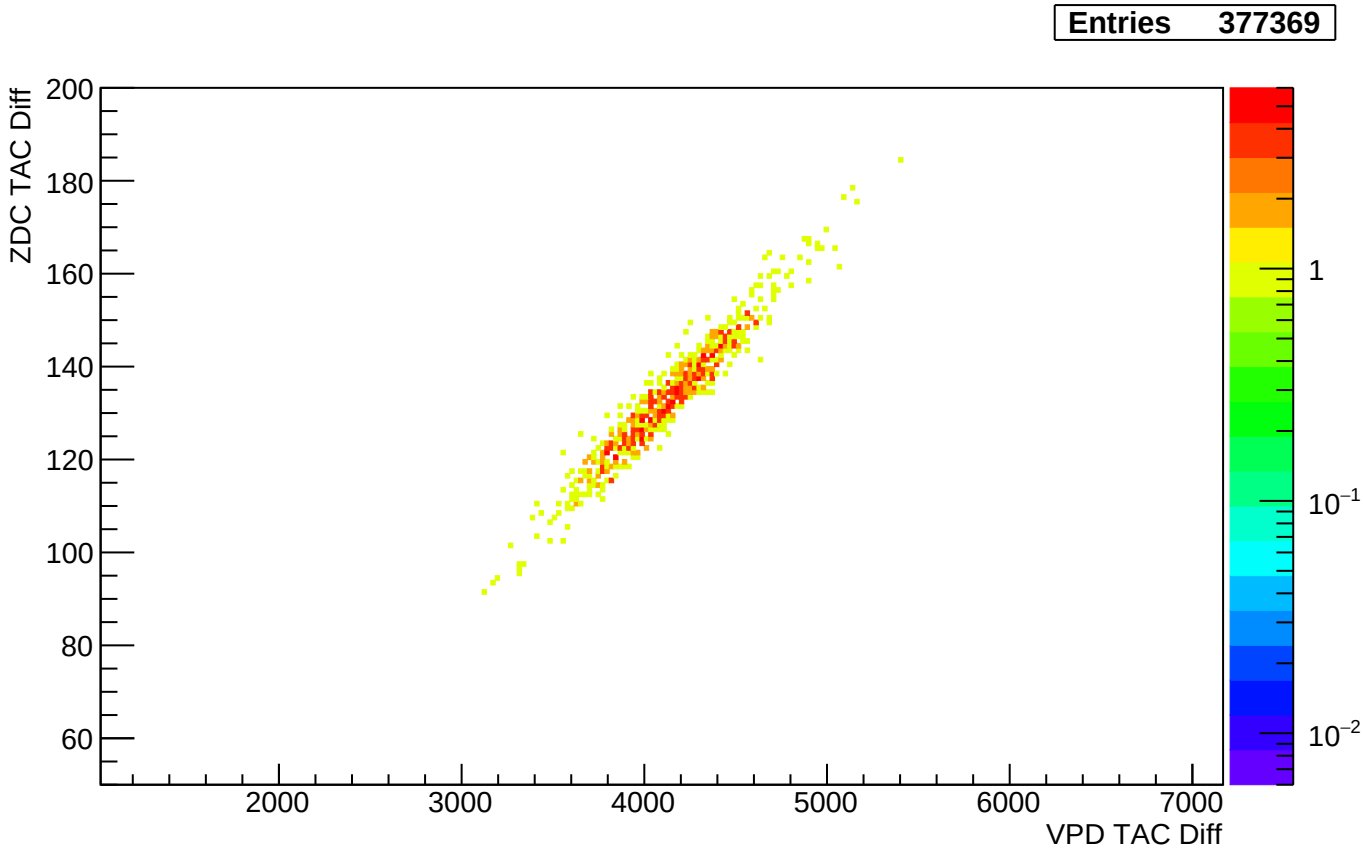

Entries 377369
TOF-Mult
EPD-East Hit Cnt

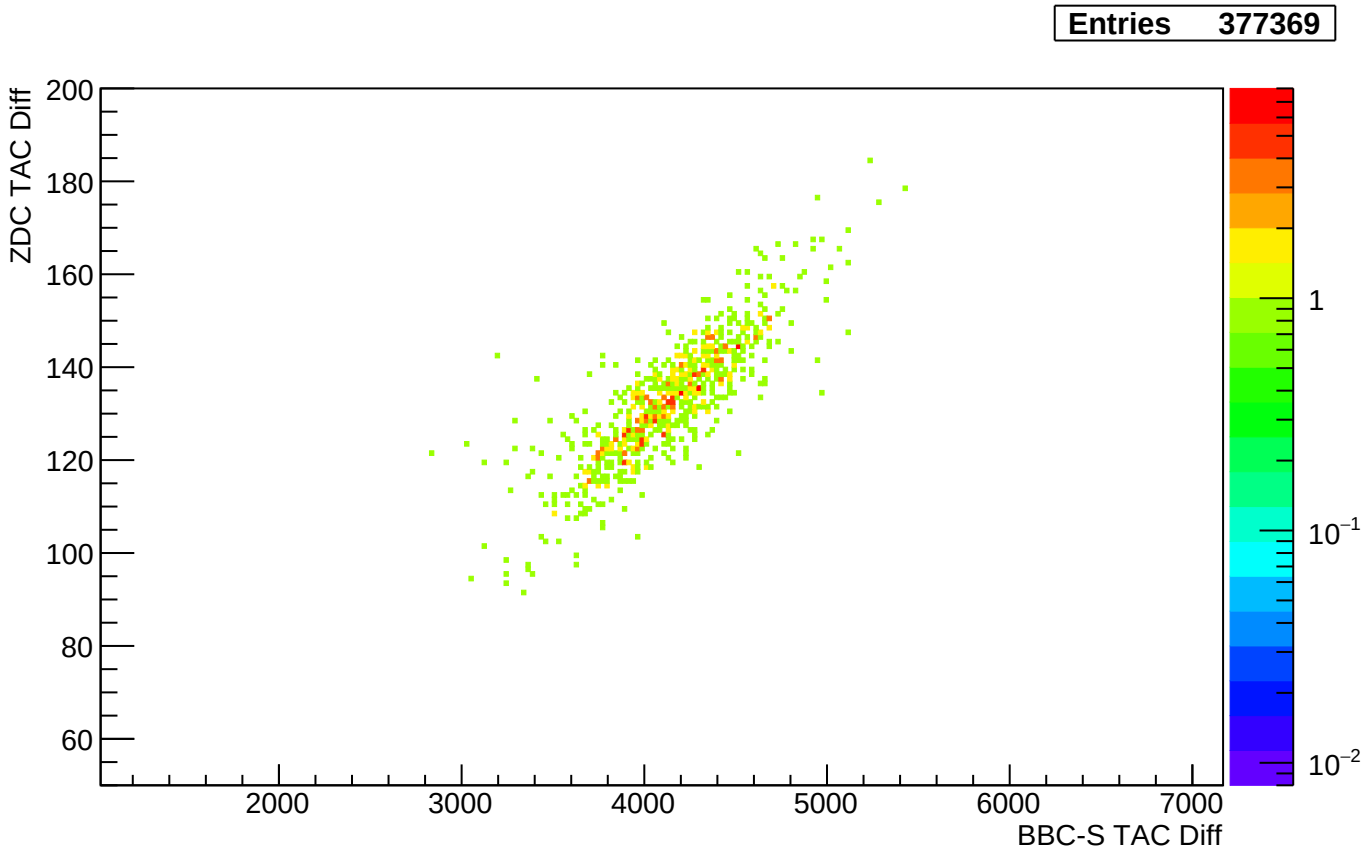

Entries 377369
TOF-Mult
EPD-West Hit Cnt

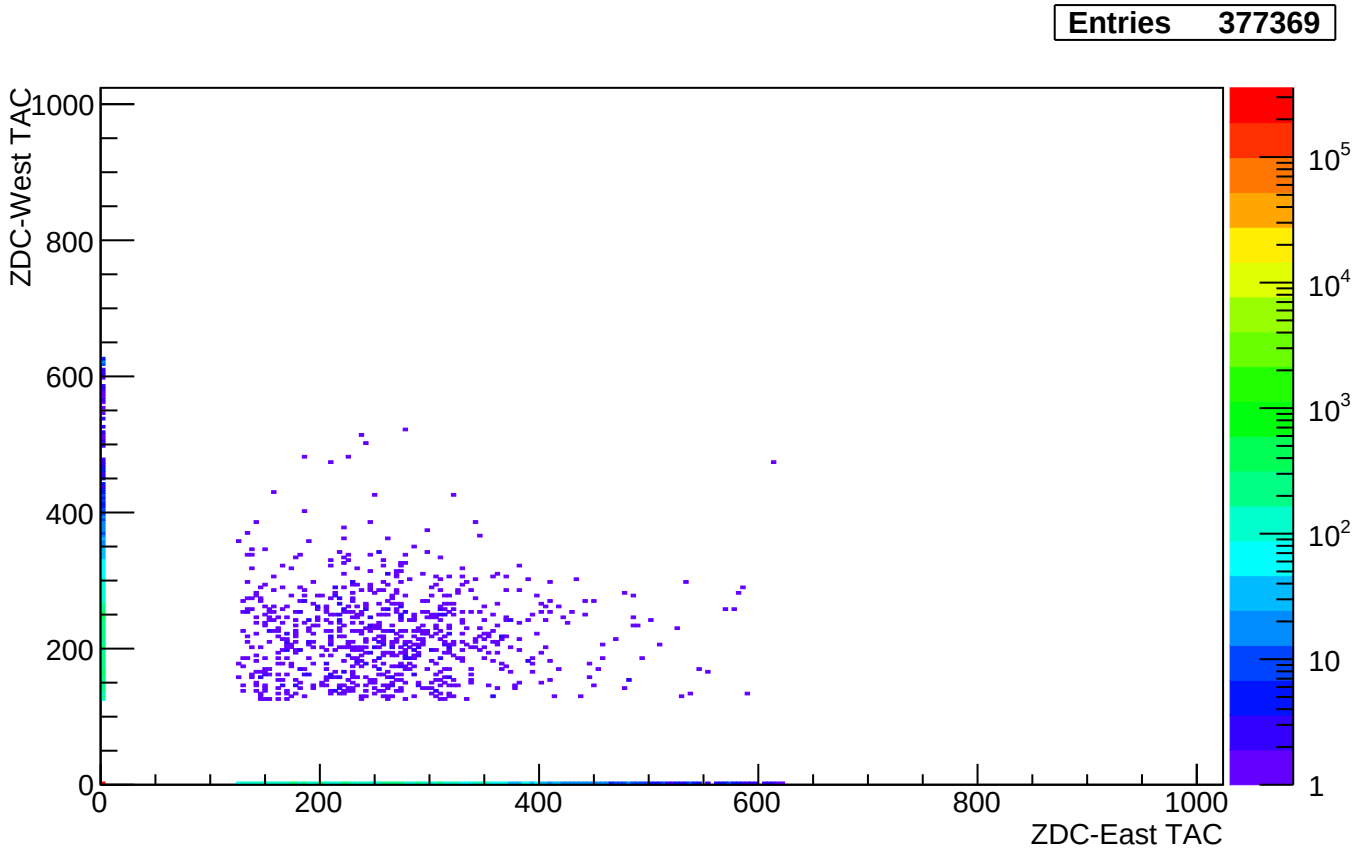

Entries 377369
TOF-Mult
VPD-East ADC Sum

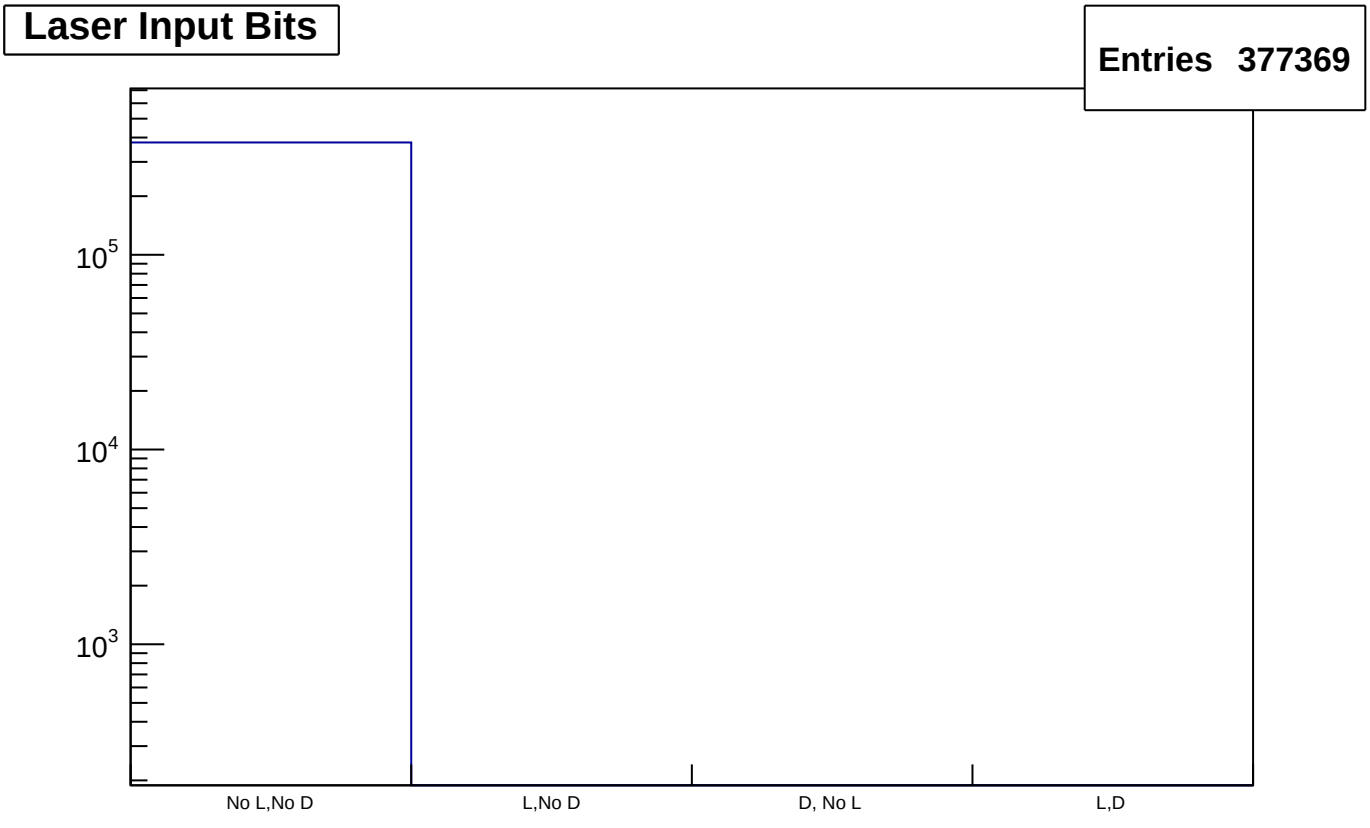

Entries 377369
TOF-Mult
VPD-West ADC Sum

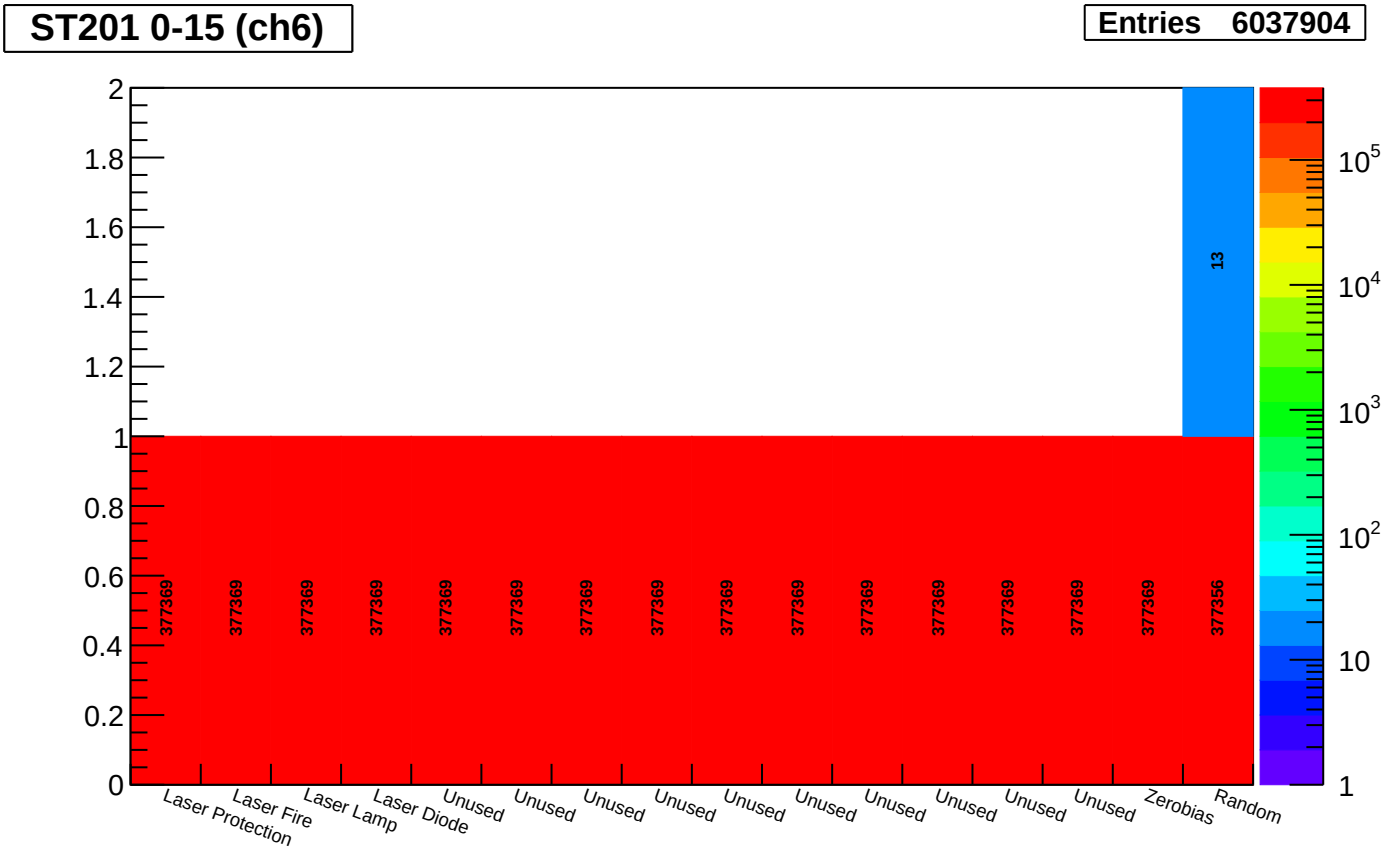

Entries 377369
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

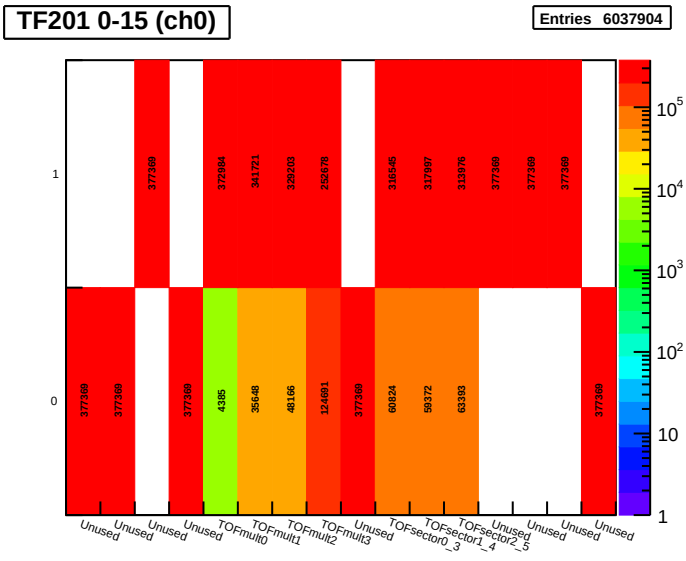

Entries 377369
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

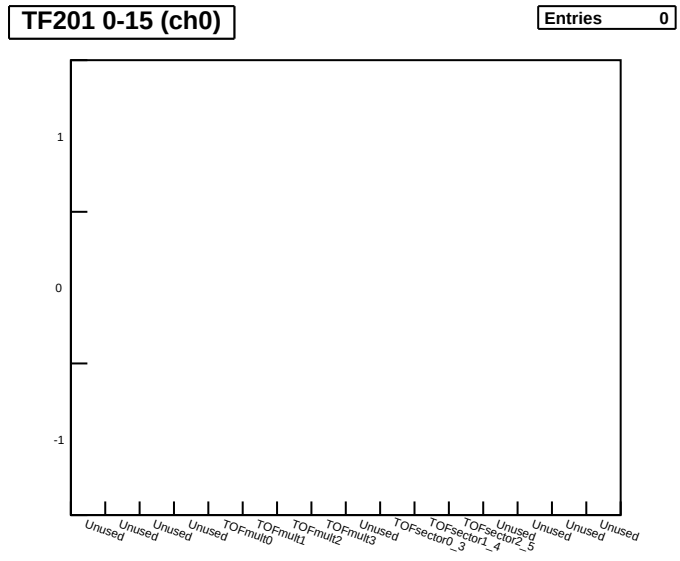

Entries 377369
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

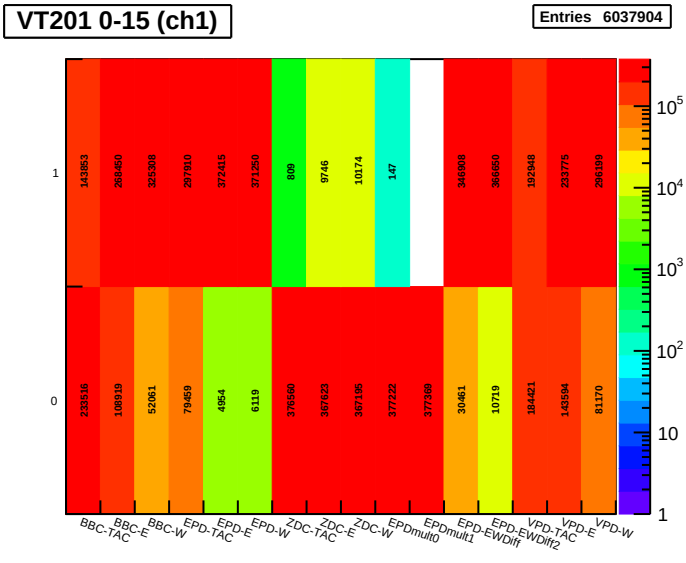

Entries 377369
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

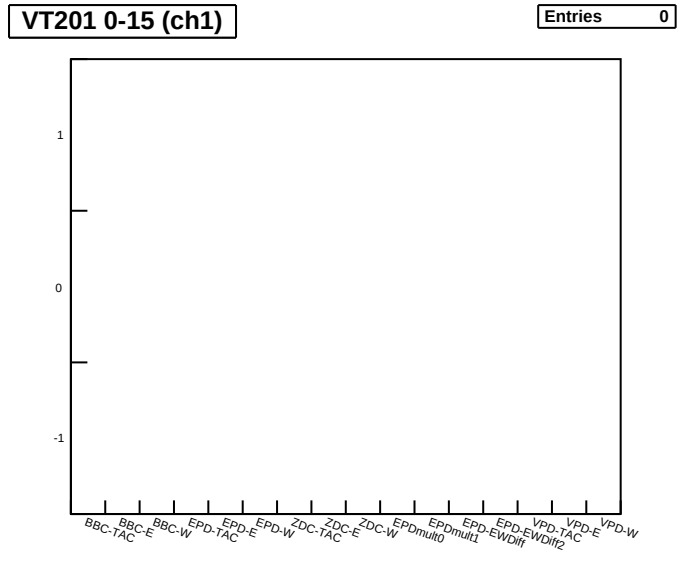

Laser Input Bits
Entries 377369
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

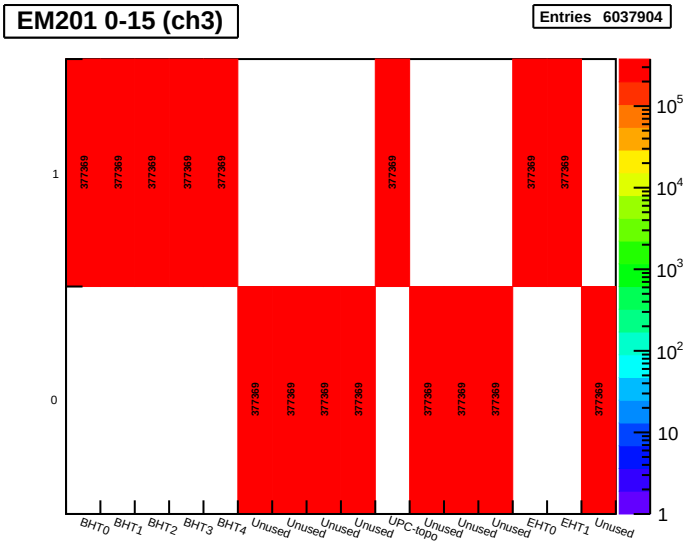

ST201 0-15 (ch6)
Entries 6037904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
377369
377356
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

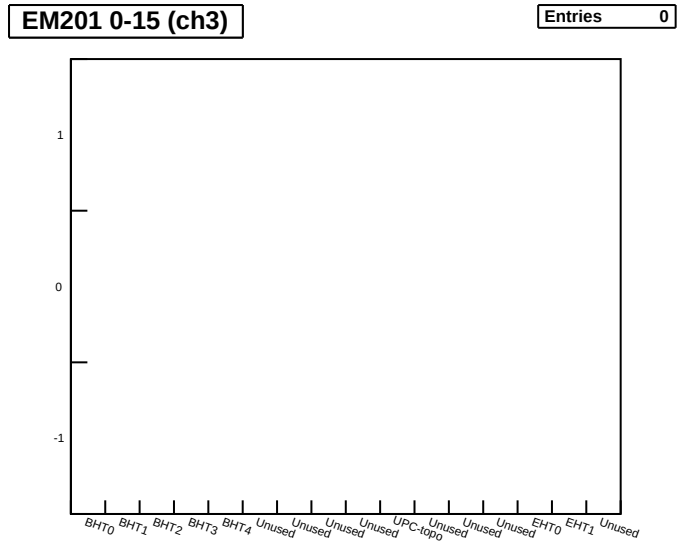

TF201 0-15 (ch0)
Entries 6037904
1
0
377369
372984
341721
329203
292678
316545
317997
313976
377369
377369
377369
377369
377369
377369
4385
35648
48166
124691
60824
59372
63393
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6037904
1
0
143853
268450
325308
297910
372415
371250
809
9746
10174
147
346908
366650
192948
233775
296199
233516
108919
52061
79459
4964
6119
376560
367623
367195
377222
377369
30461
10719
184421
143594
81170
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 6037904
1
0
377369
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