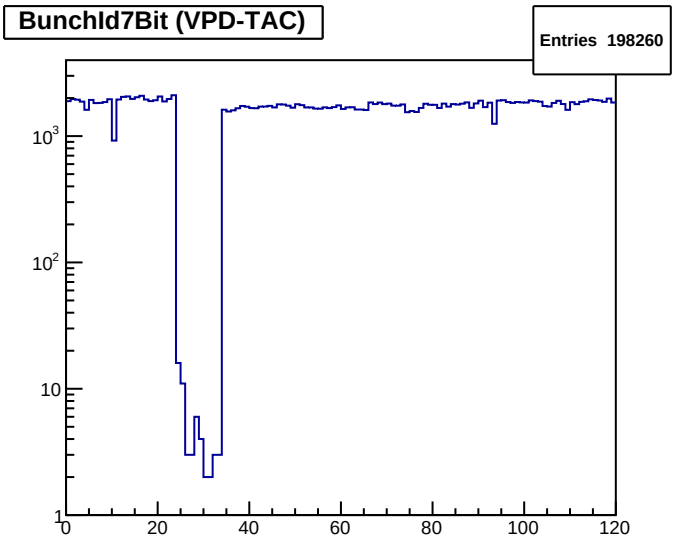
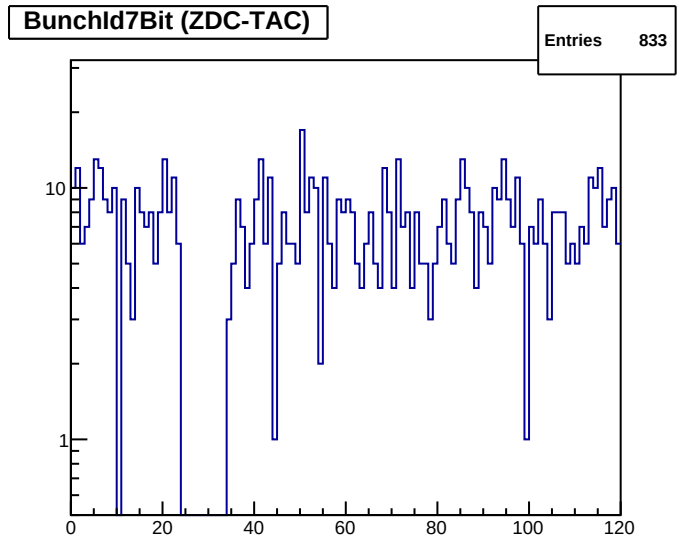
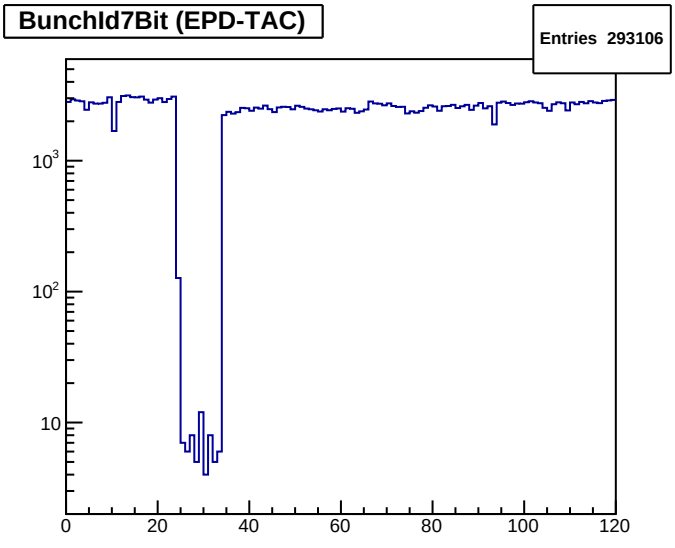
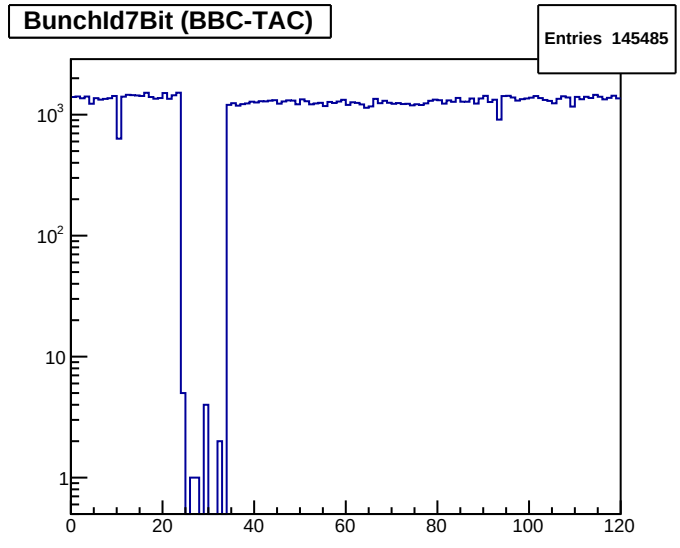
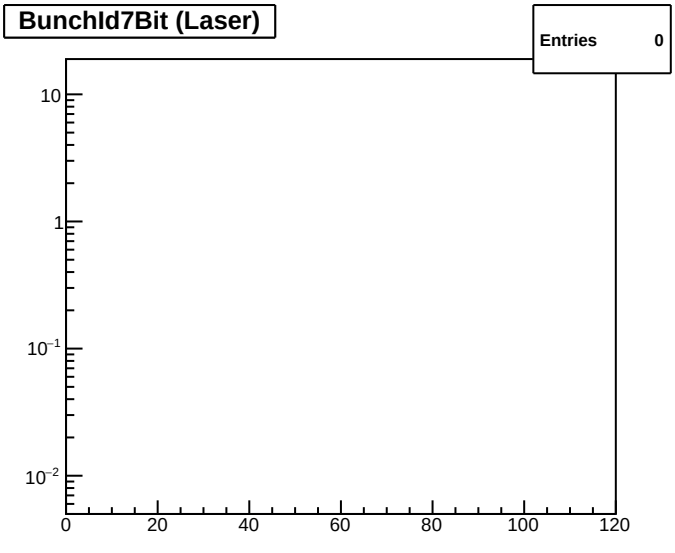
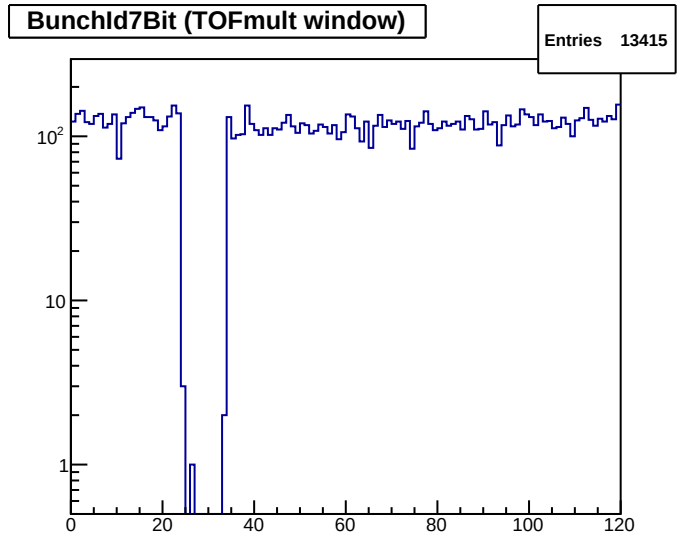

BunchId7Bit (VPD-TAC)
Entries 198260

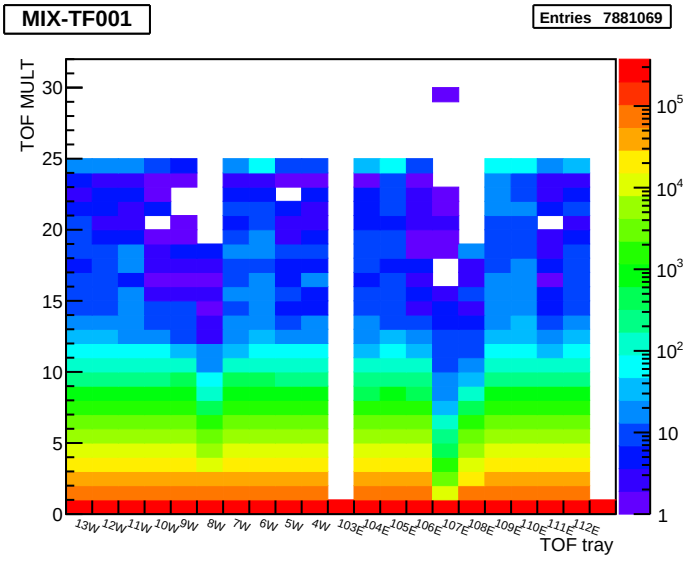

BunchId7Bit (ZDC-TAC)
Entries 833

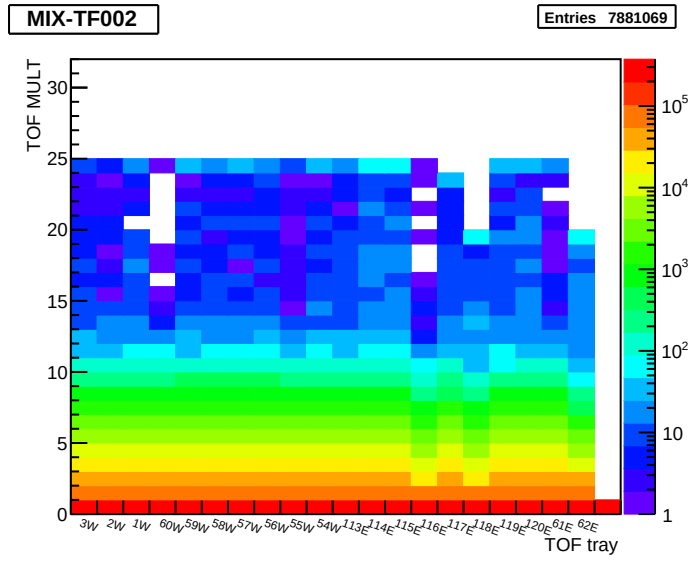

BunchId7Bit (EPD-TAC)
Entries 293106

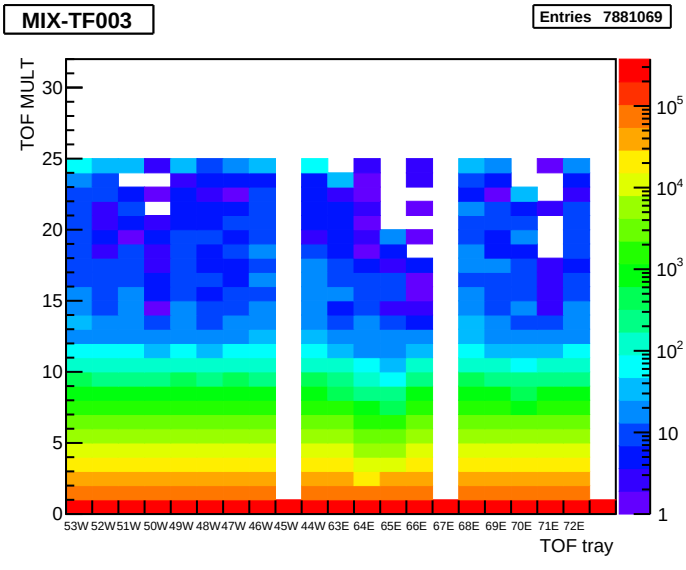

BunchId7Bit (BBC-TAC)
Entries 145485

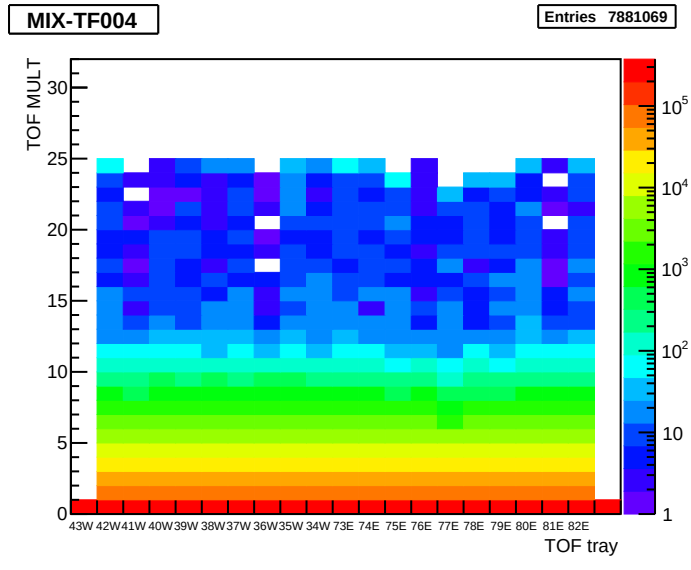

BunchId7Bit (Laser)
Entries 0

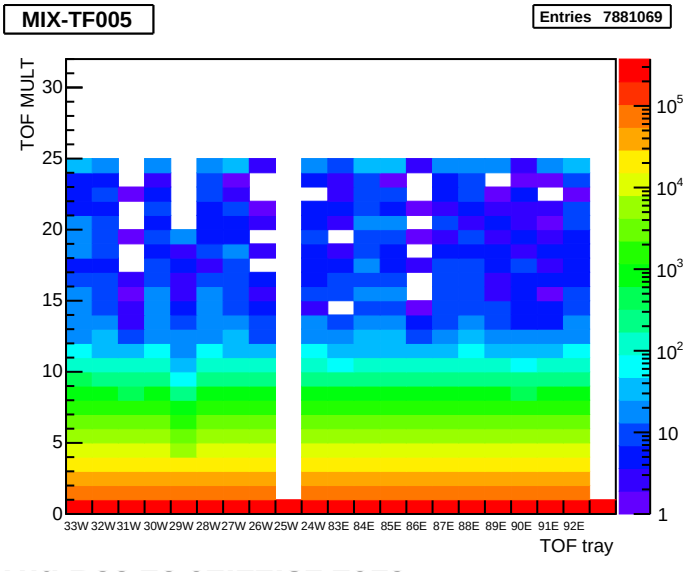

BunchId7Bit (TOFmult window)
Entries 13415

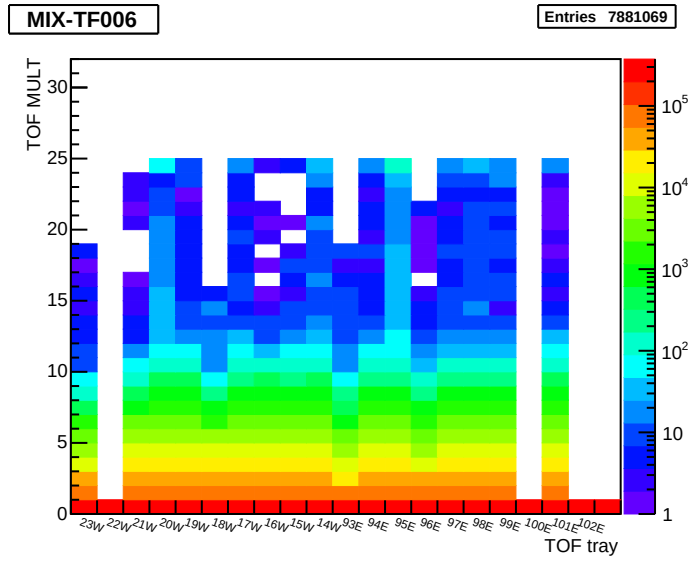

MIX-TF001
Entries 7881069
TOF MULT
TOF tray

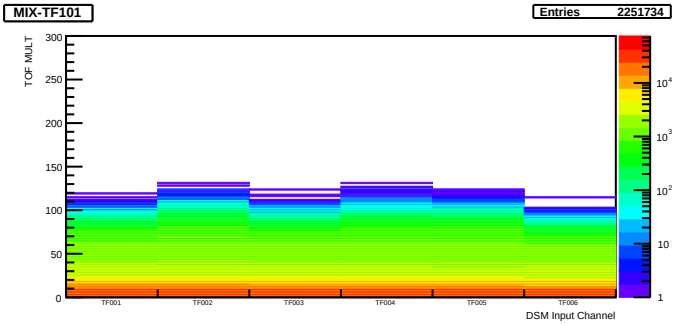

MIX-TF002
Entries 7881069
TOF MULT
TOF tray

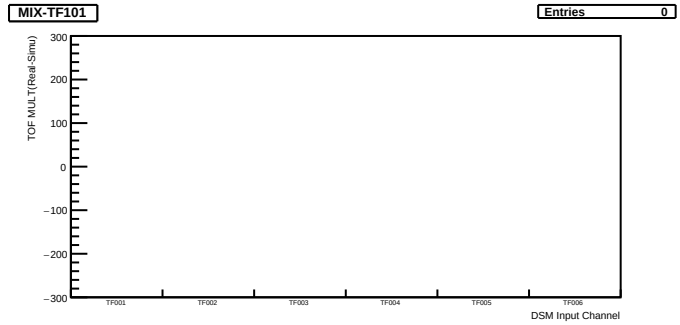

MIX-TF003
Entries 7881069
TOF MULT
TOF tray

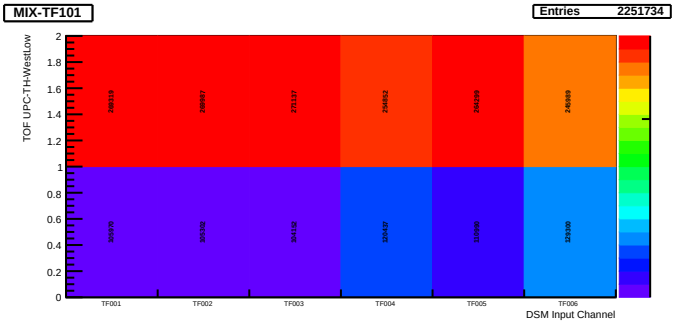

MIX-TF004
Entries 7881069
TOF MULT
TOF tray

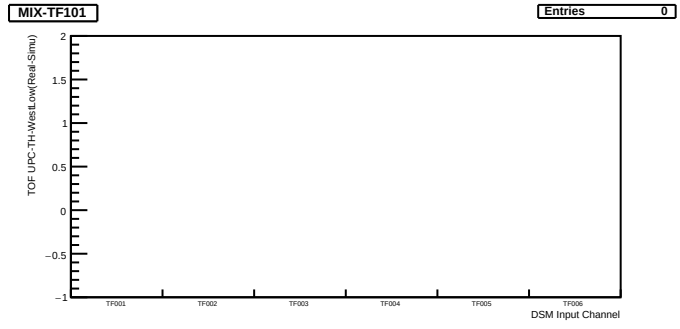

MIX-TF005
Entries 7881069
TOF MULT
TOF tray

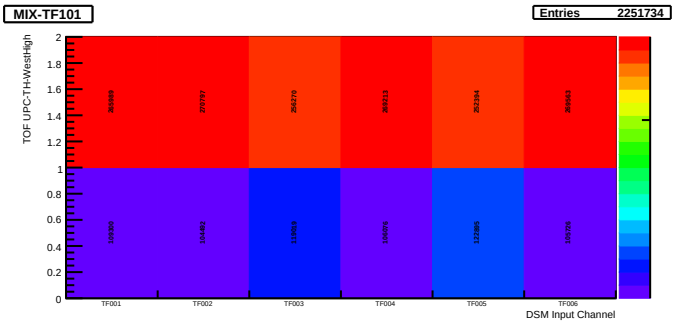

MIX-TF006
Entries 7881069
TOF MULT
TOF tray

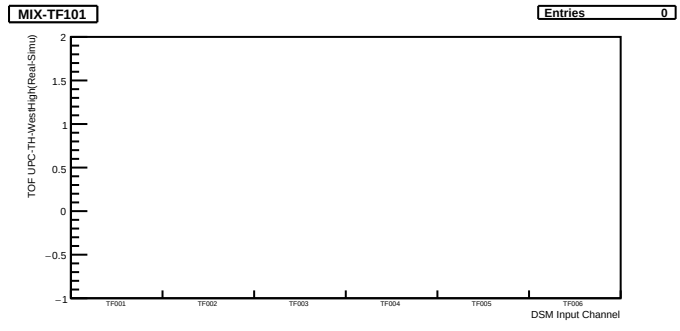

MIX-TF101
Entries 2251734
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

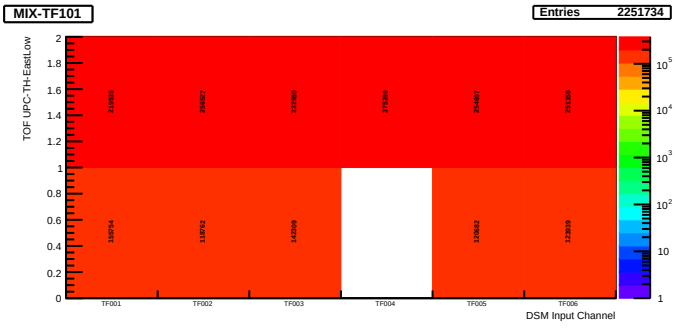

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

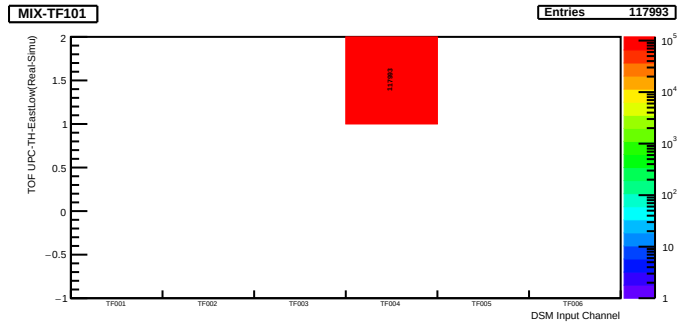

MIX-TF101
Entries 2251734
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

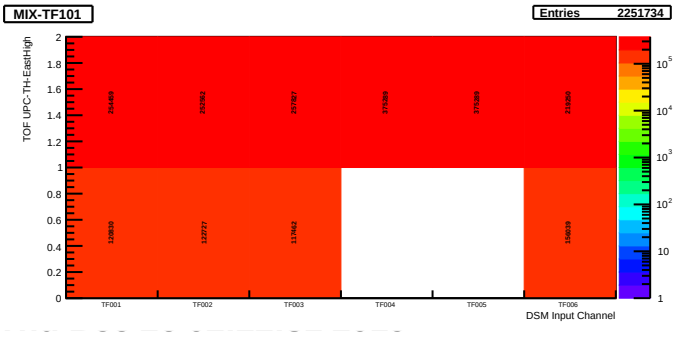

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

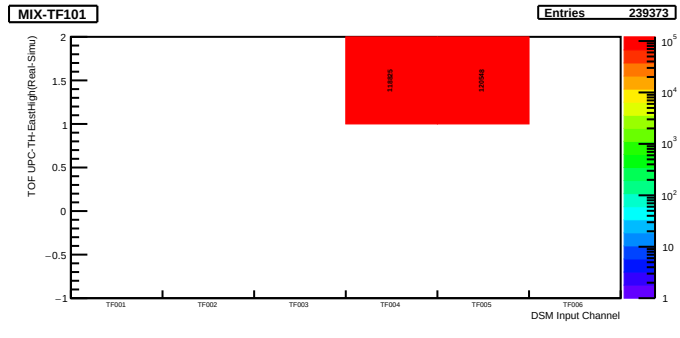

MIX-TF101
Entries 2251734
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

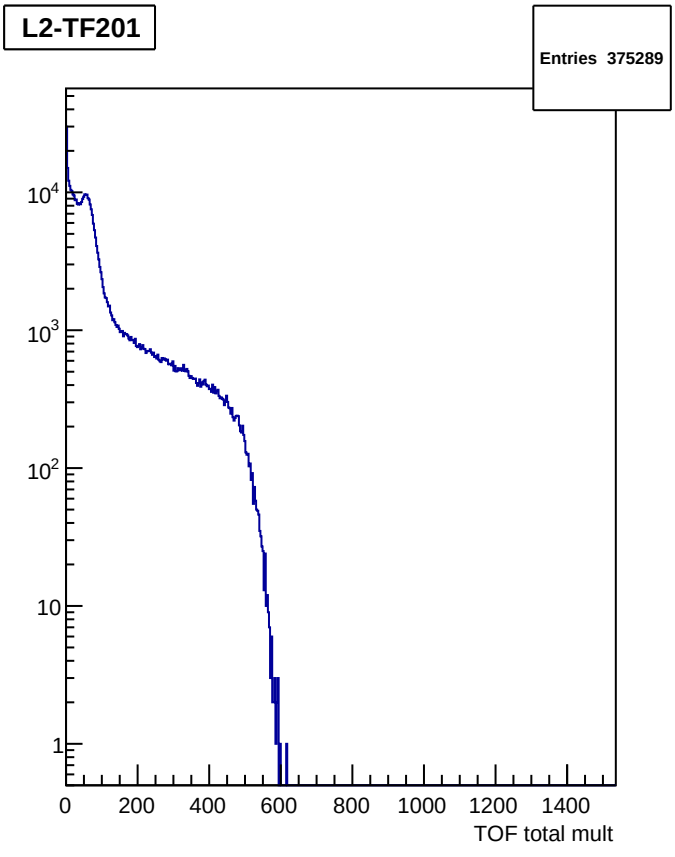

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

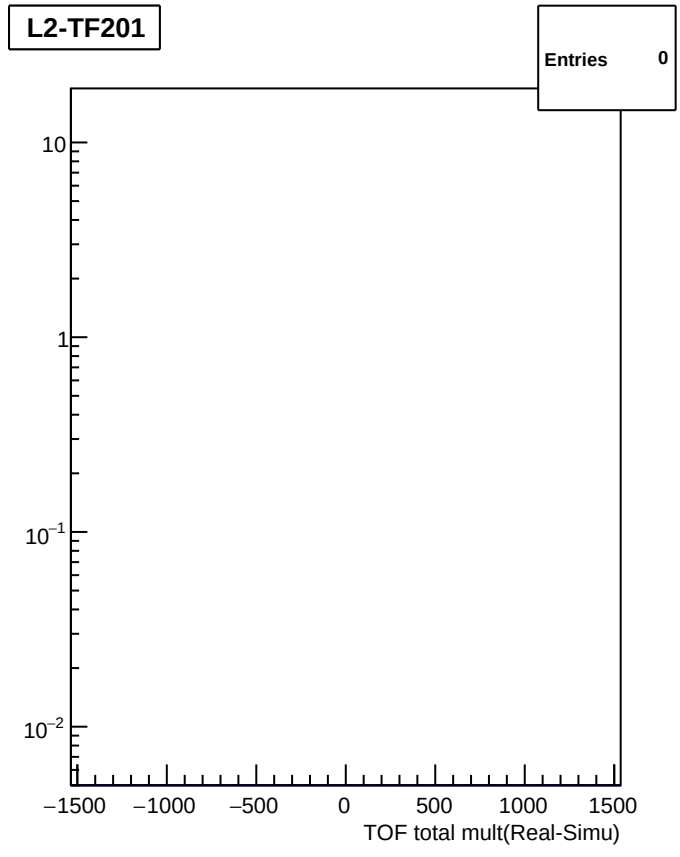

MIX-TF101
Entries 2251734
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

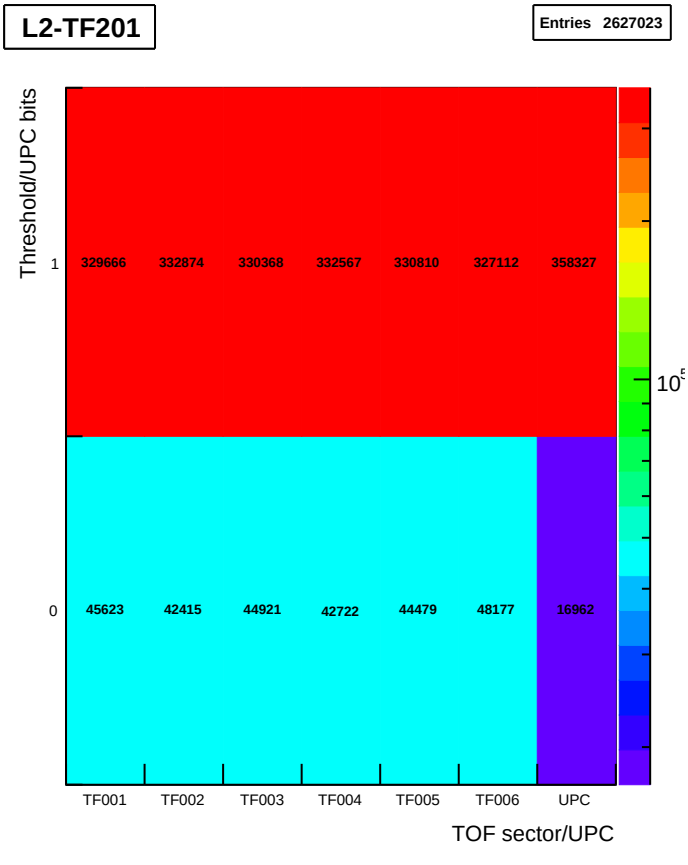

MIX-TF101
Entries 117993
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

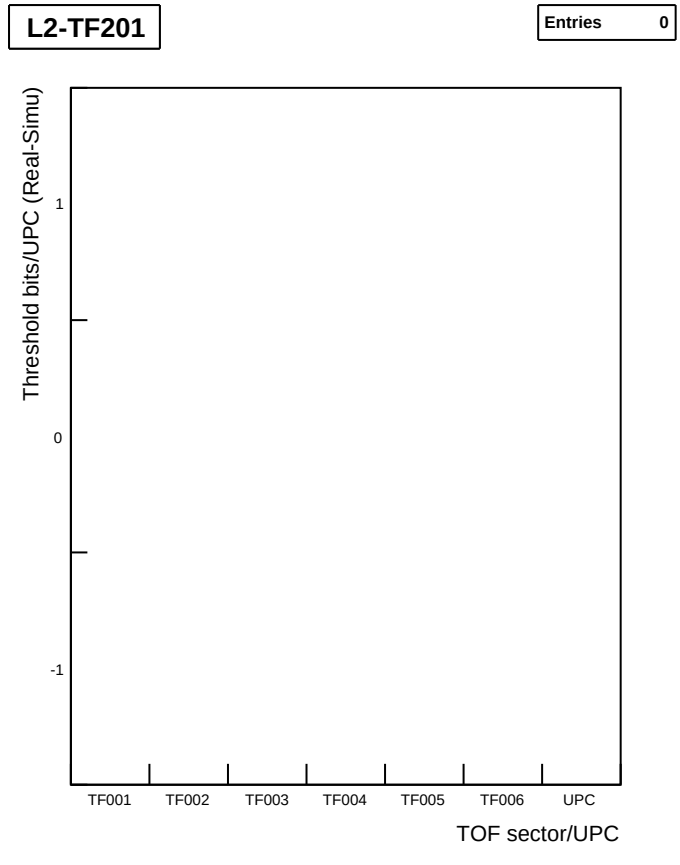

MIX-TF101
Entries 2251734
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

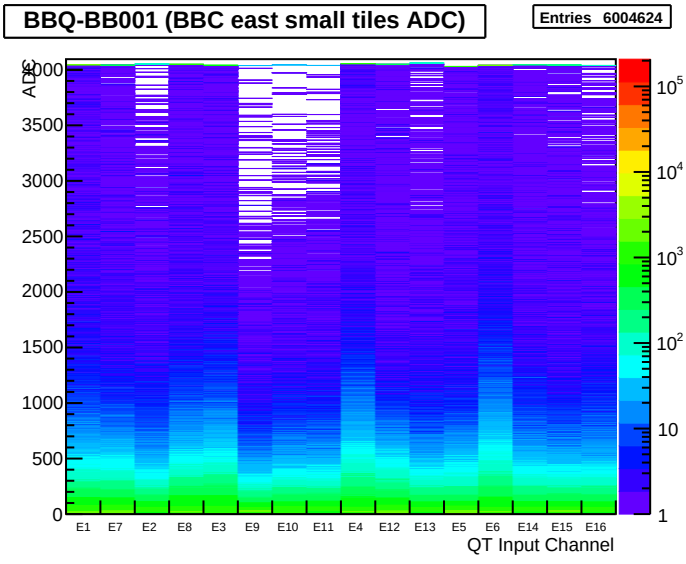

MIX-TF101
Entries 239373
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

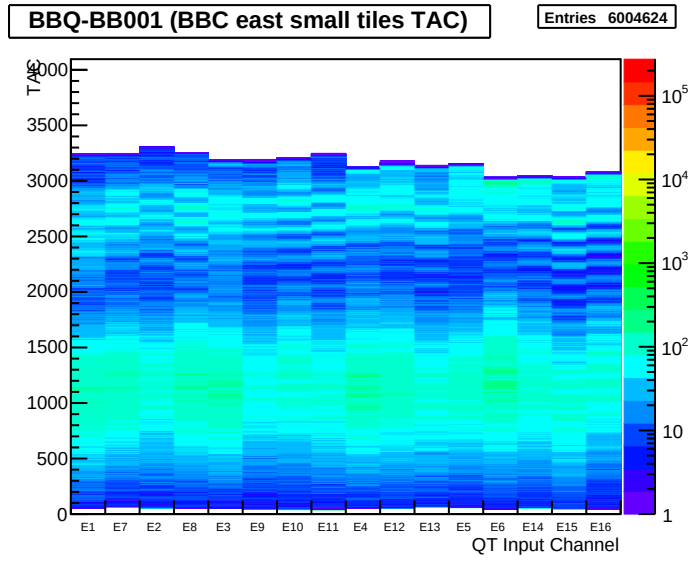

L2-TF201
Entries 375289
TOF total mult

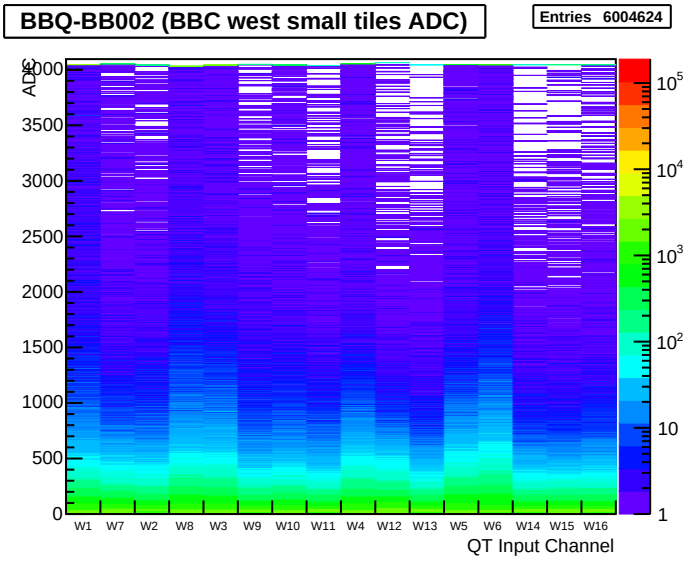

L2-TF201
Entries 0
TOF total mult(Real-Simu)

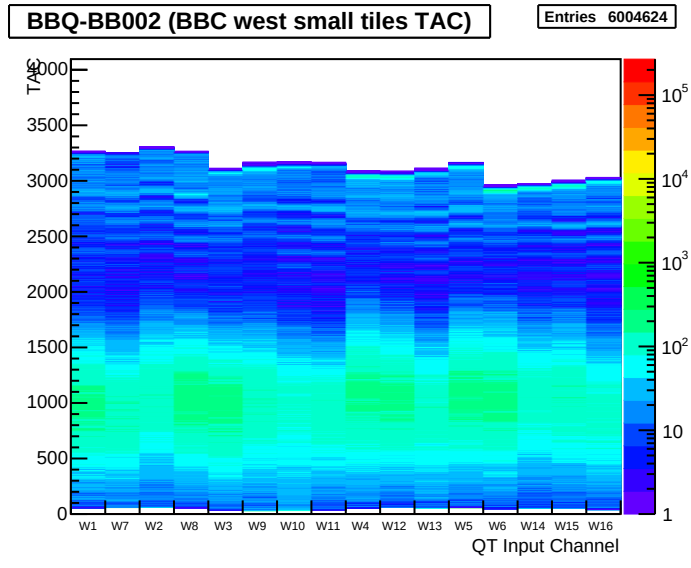

L2-TF201
Entries 2627023
Threshold/UPC bits
329666
332874
330368
332567
330810
327112
358327
45623
42415
44921
42722
44479
48177
16962
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

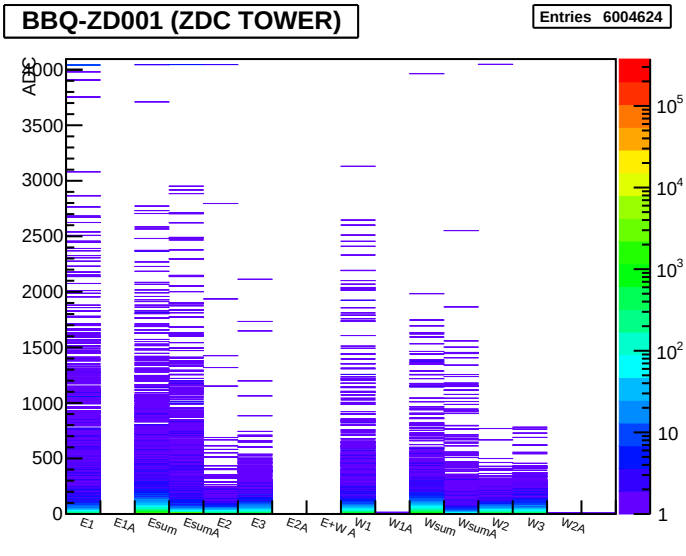

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

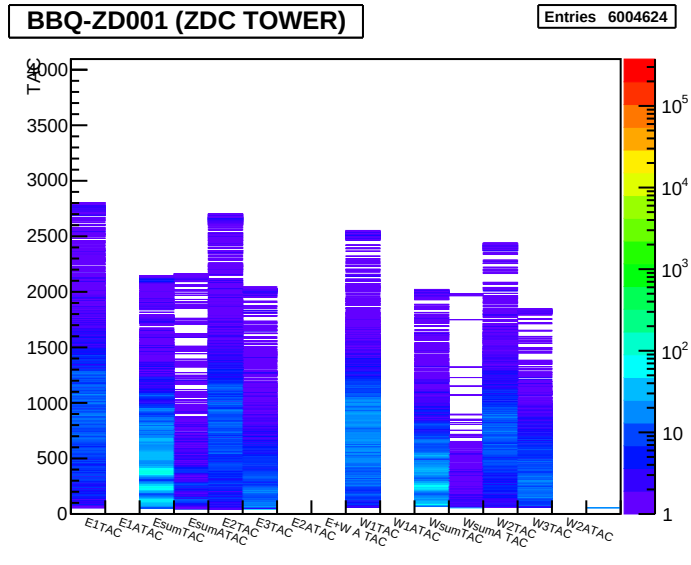

BBQ-BB001 (BBC east small tiles ADC)
Entries 6004624
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

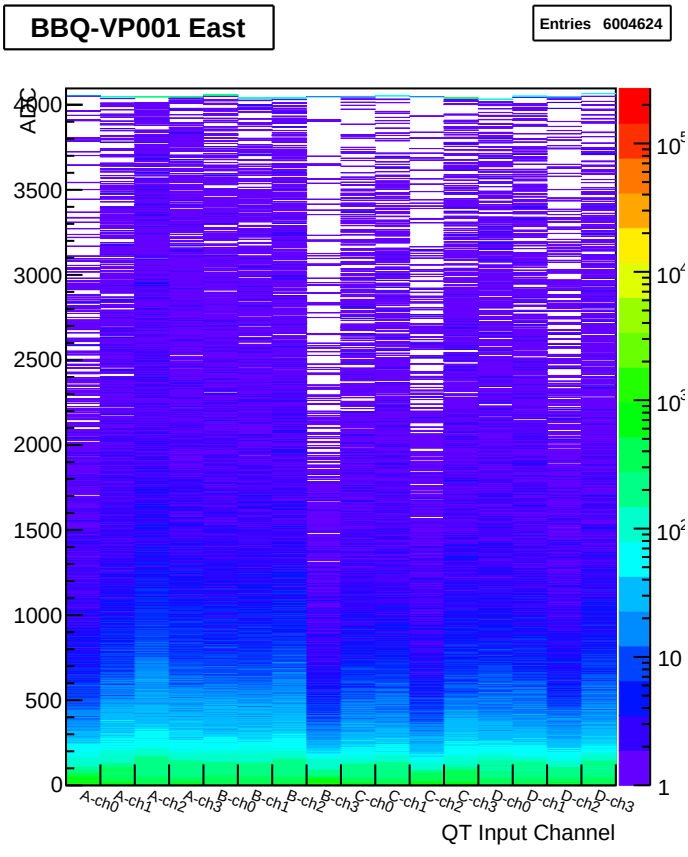

BBQ-BB001 (BBC east small tiles TAC)
Entries 6004624
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

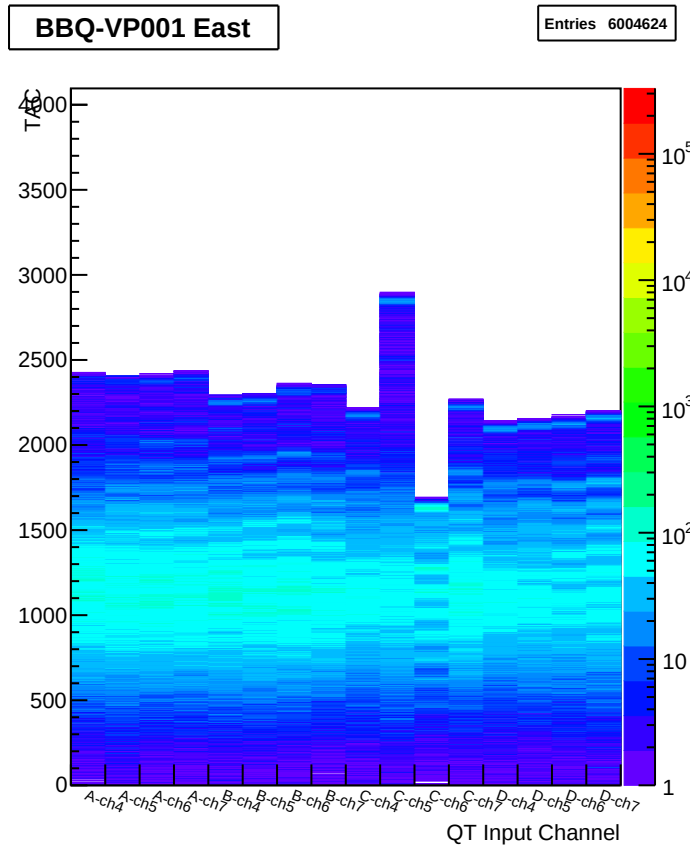

BBQ-BB002 (BBC west small tiles ADC)
Entries 6004624
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

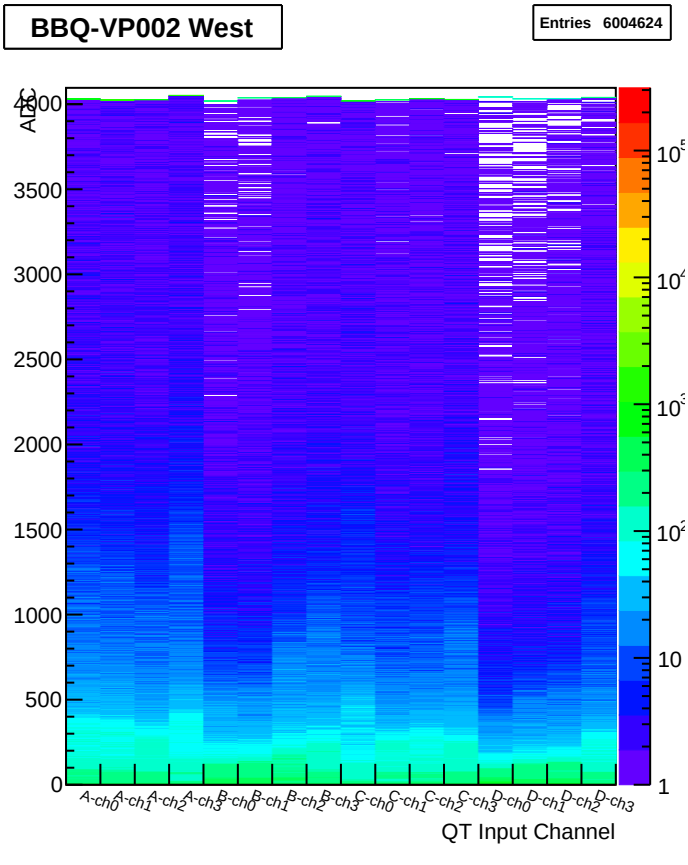

BBQ-BB002 (BBC west small tiles TAC)
Entries 6004624
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

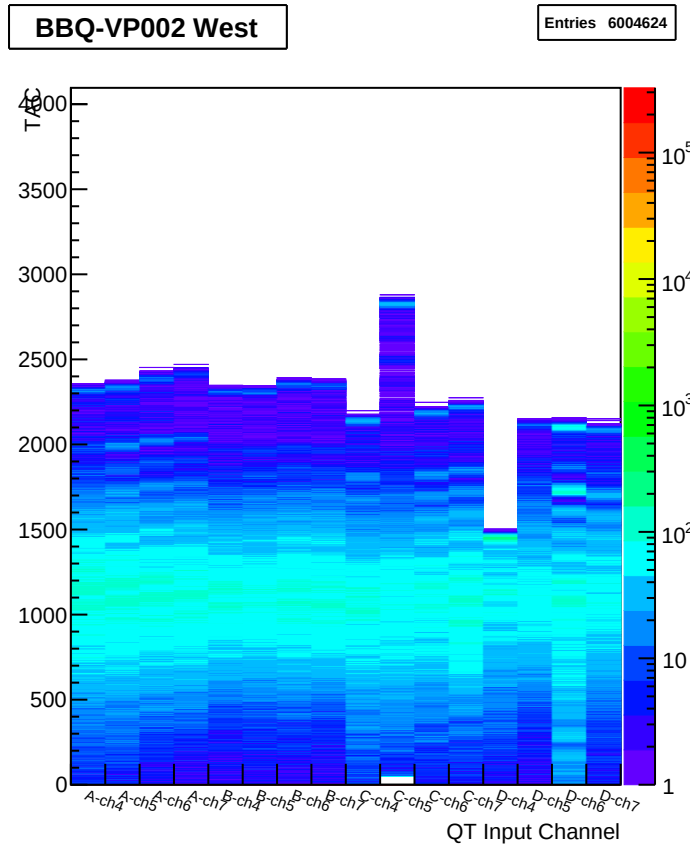

BBQ-ZD001 (ZDC TOWER)
Entries 6004624
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

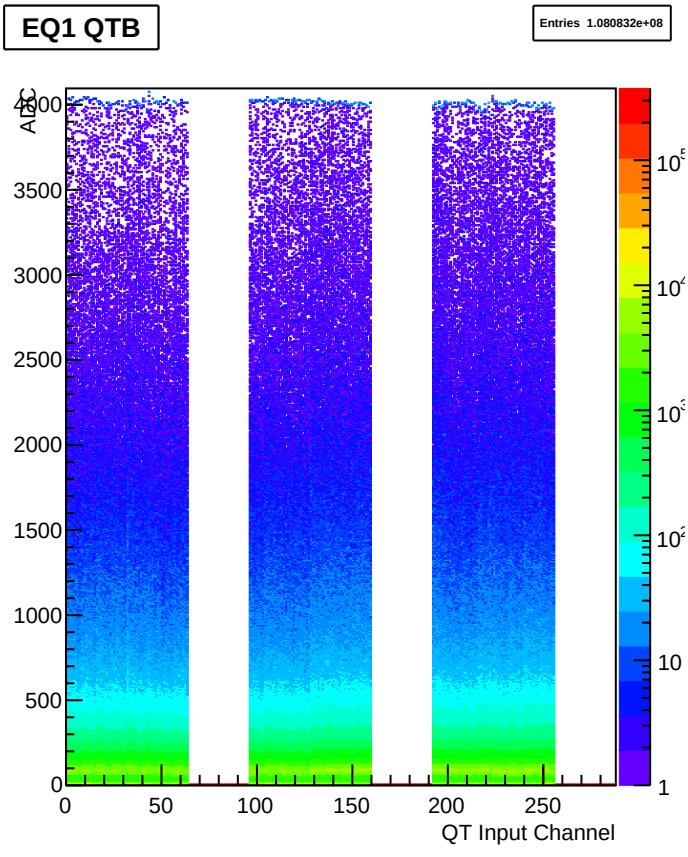

BBQ-ZD001 (ZDC TOWER)
Entries 6004624
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

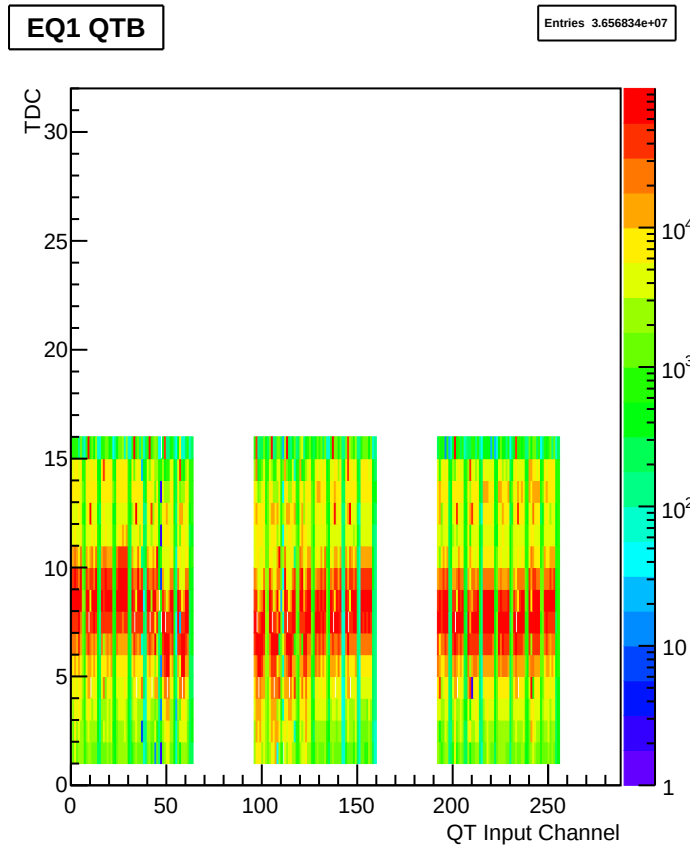

BBQ-VP001 East
Entries 6004624
ADC
QT Input Channel

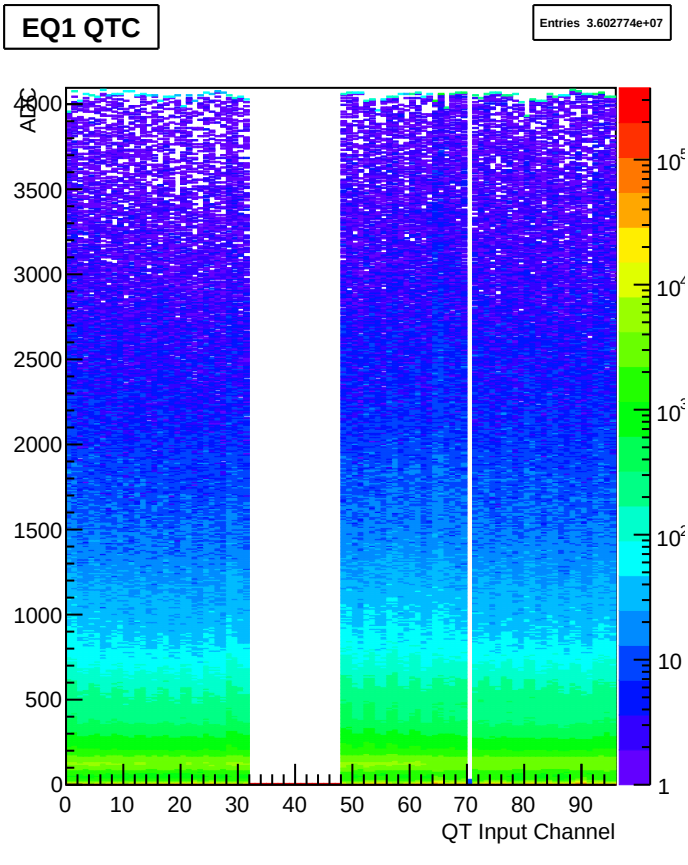

BBQ-VP001 East
Entries 6004624
TADC
QT Input Channel

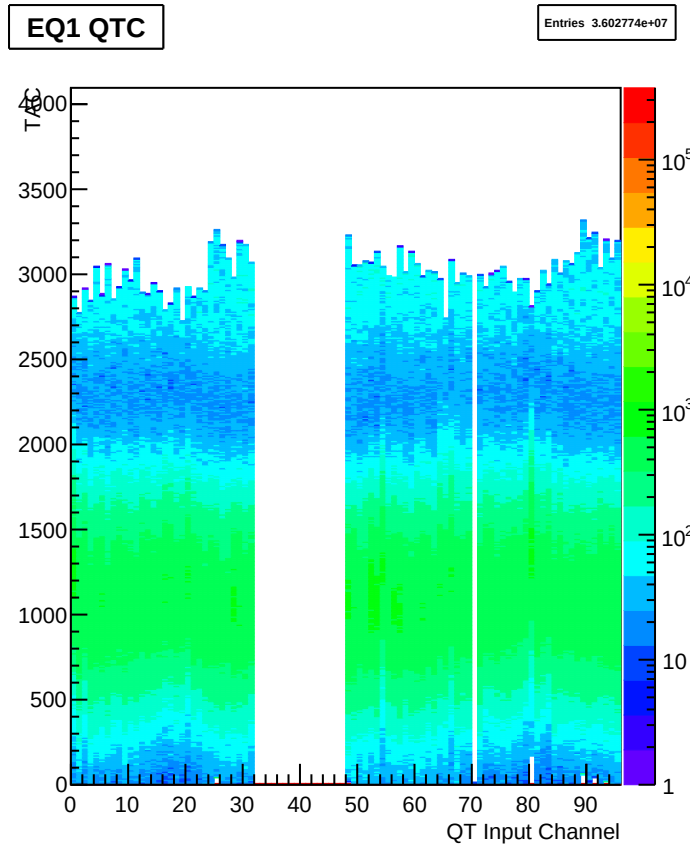

BBQ-VP002 West
Entries 6004624
ADC
QT Input Channel

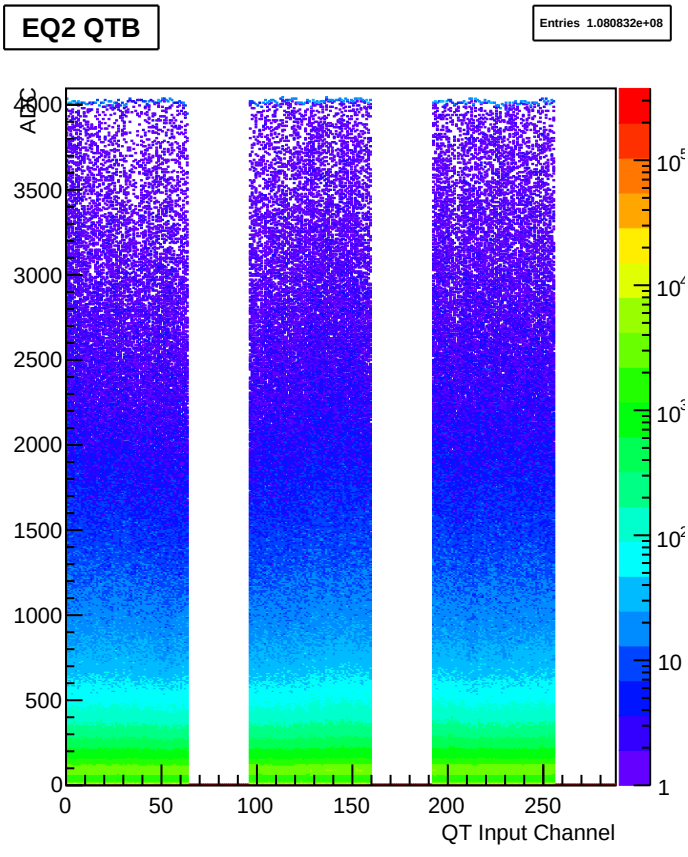

BBQ-VP002 West
Entries 6004624
TADC
QT Input Channel

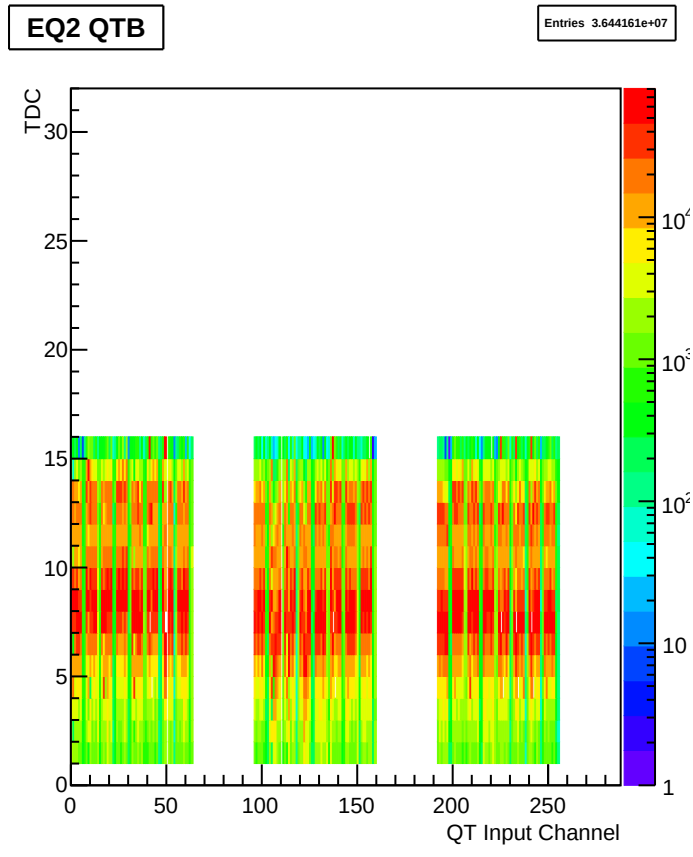

EQ1 QTB
Entries 1.080832e+08
ADC
QT Input Channel

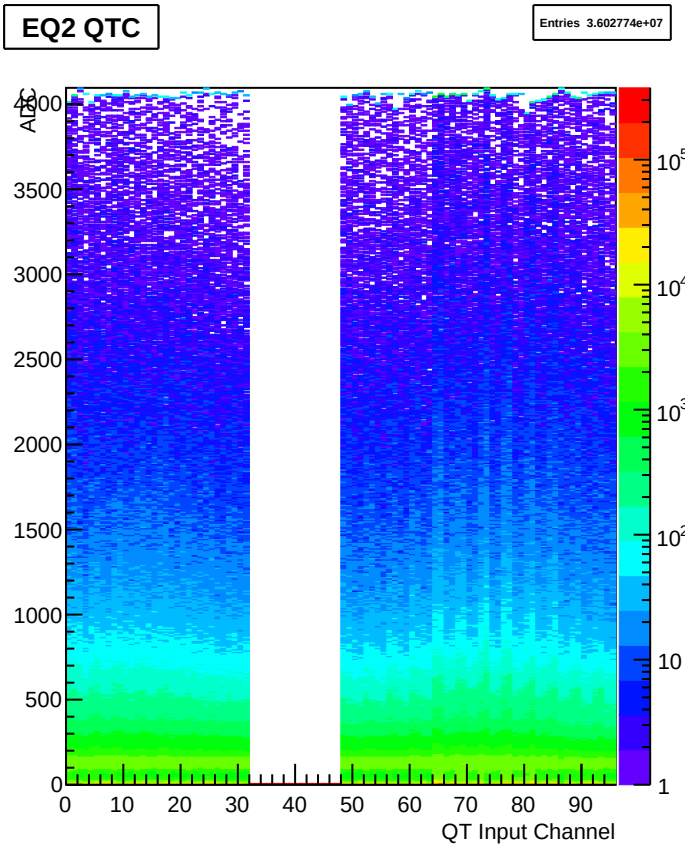

EQ1 QTB
Entries 3.656834e+07
TDC
QT Input Channel

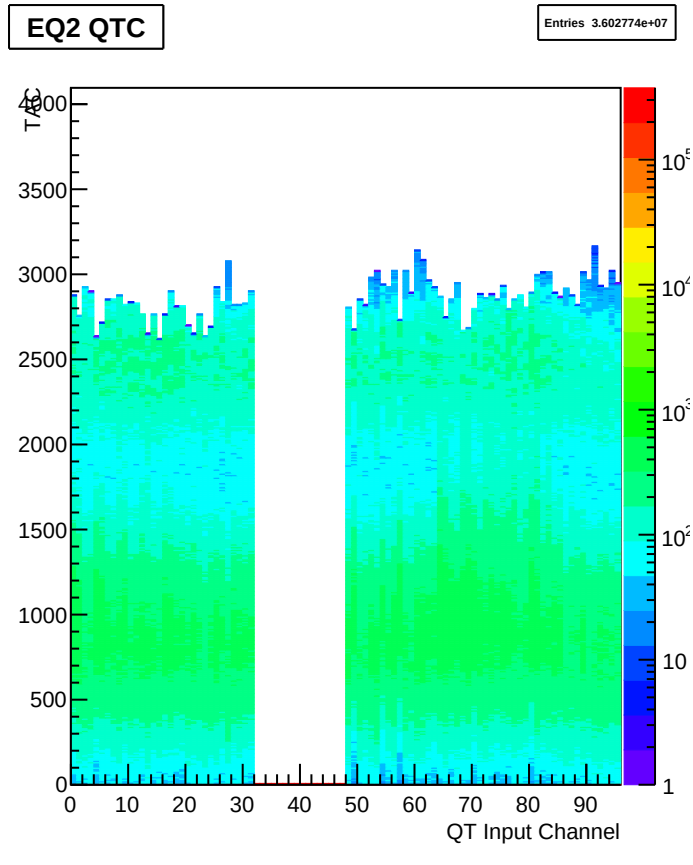

EQ1 QTC
Entries 3.602774e+07
ADC
QT Input Channel

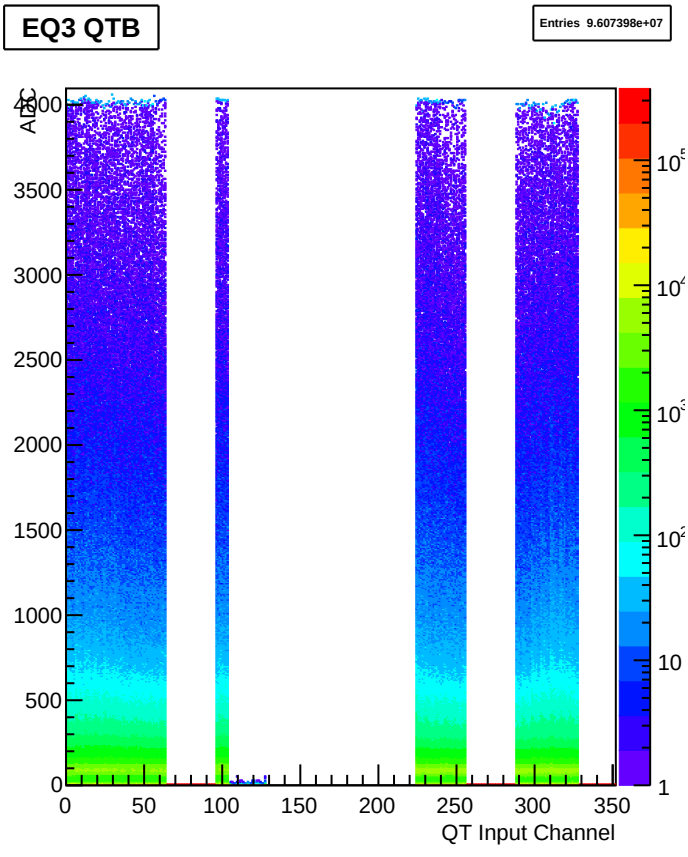

EQ1 QTC
Entries 3.602774e+07
TADC
QT Input Channel

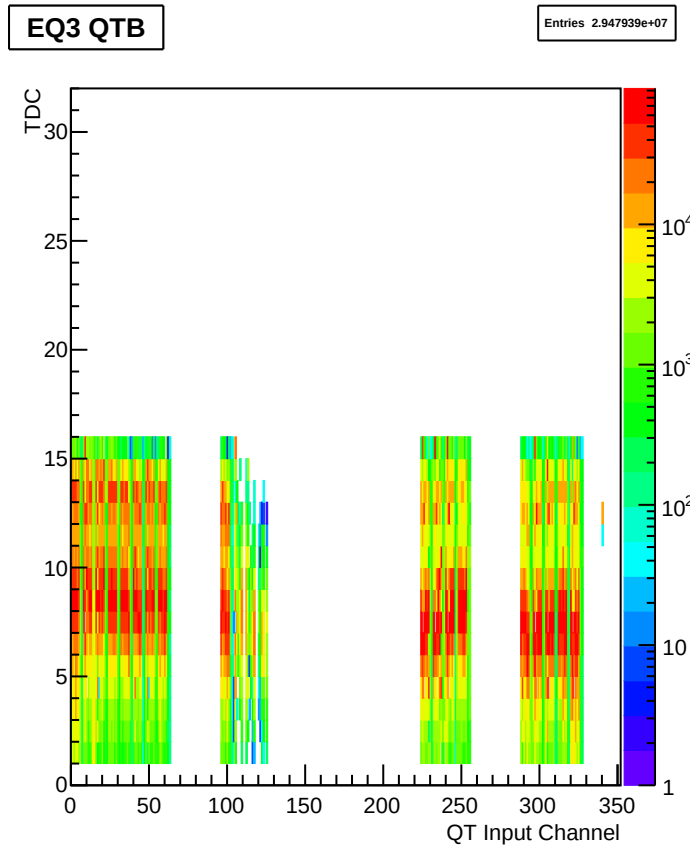

EQ2 QTB
Entries 1.080832e+08
ADC
QT Input Channel

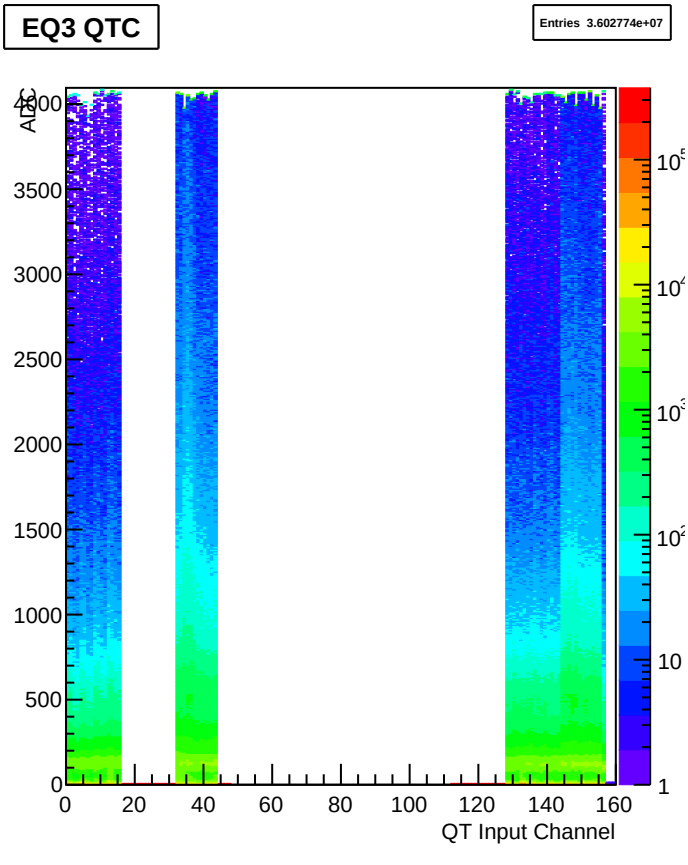

EQ2 QTB
Entries 3.644161e+07
TDC
QT Input Channel

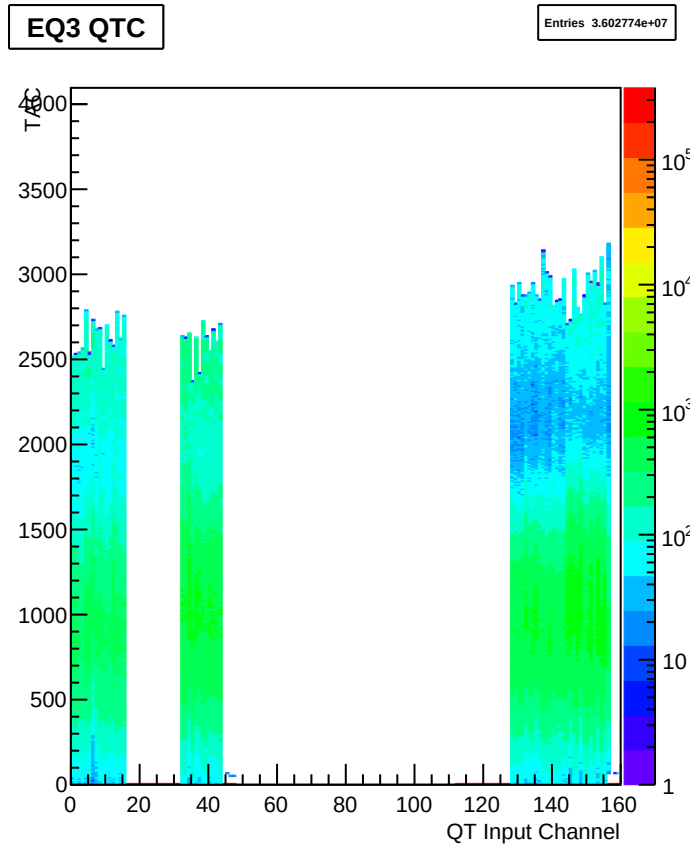

EQ2 QTC
Entries 3.602774e+07
ADC
QT Input Channel

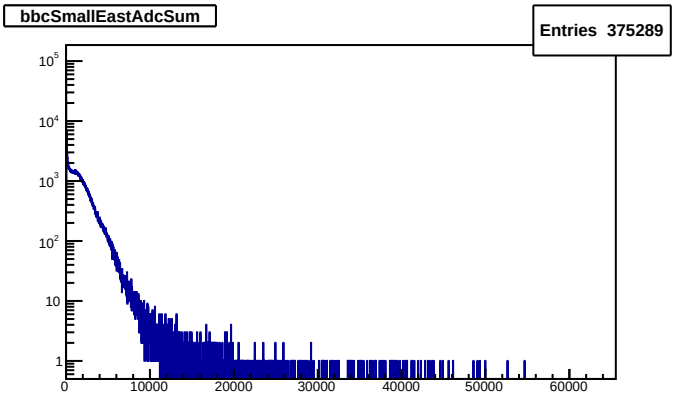

EQ2 QTC
Entries 3.602774e+07
TADC
QT Input Channel

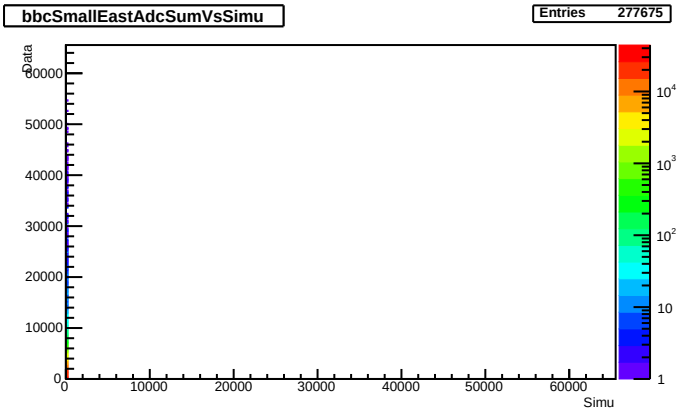

EQ3 QTB
Entries 9.607398e+07
ADC
QT Input Channel

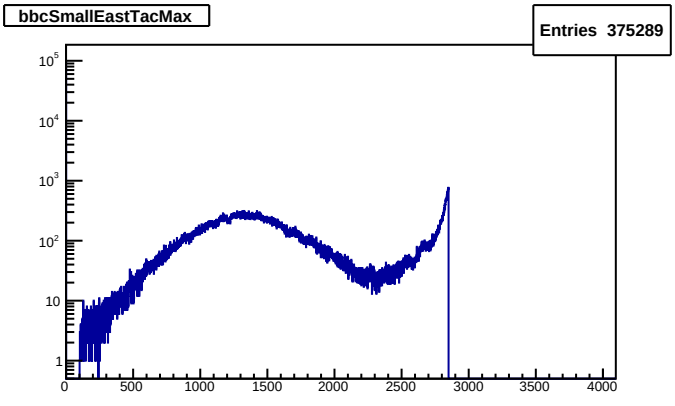

EQ3 QTB
Entries 2.947939e+07
TDC
QT Input Channel

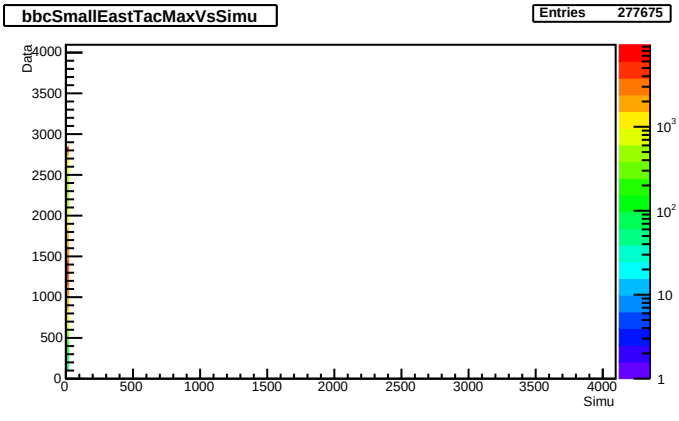

EQ3 QTC
Entries 3.602774e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.602774e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 375289


bbcSmallEastAdcSumVsSimu
Entries 277675
Data
Simu


bbcSmallEastTacMax
Entries 375289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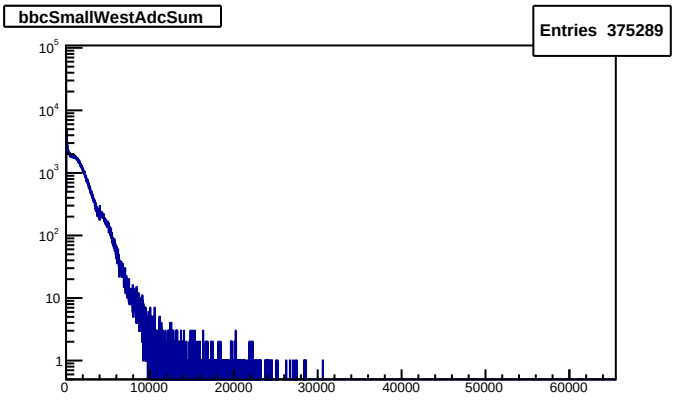
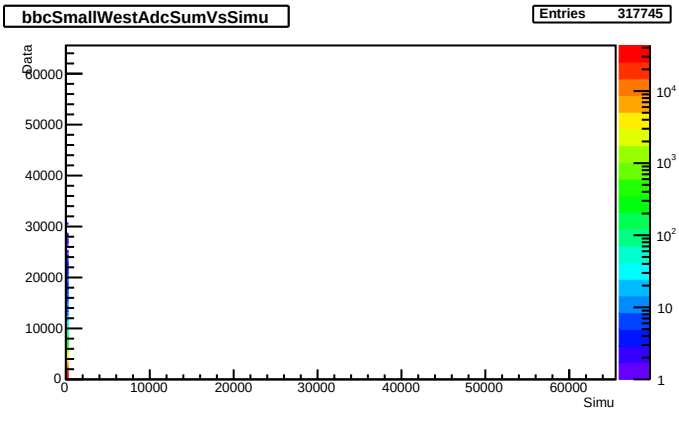
Entries 277675
Data
Simu


bbcSmallWestAdcSum
Entries 375289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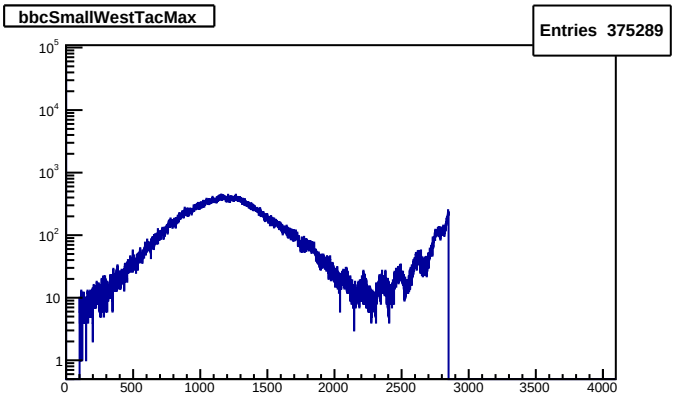
Entries 317745
Data
Simu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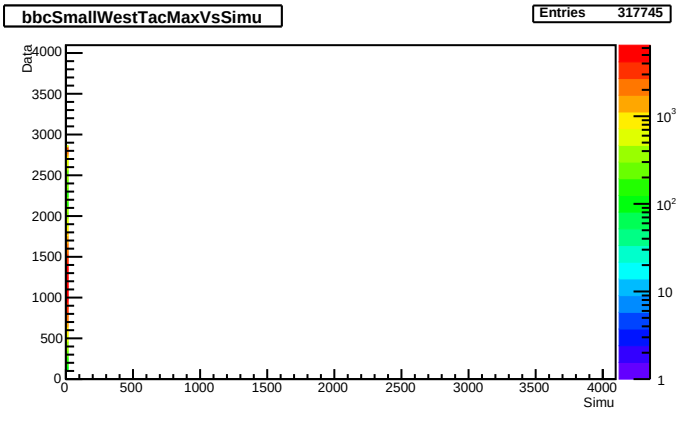
Entries 375289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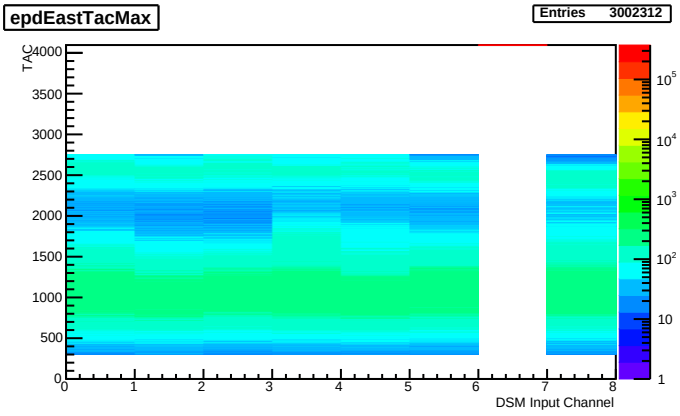
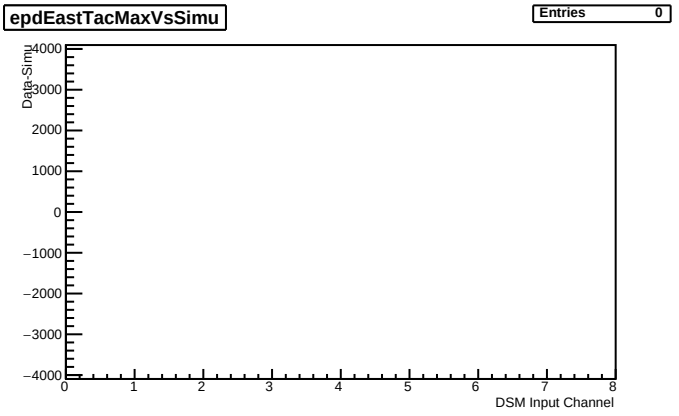
Entries 317745
Data
Simu


epdEastTacMax
Entries 3002312
TAC
DSM Input Channel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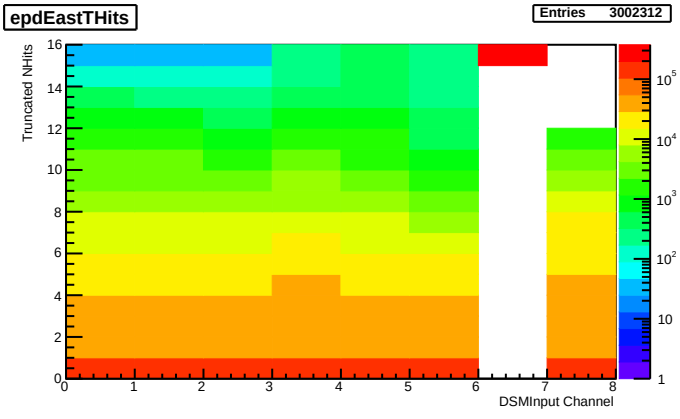
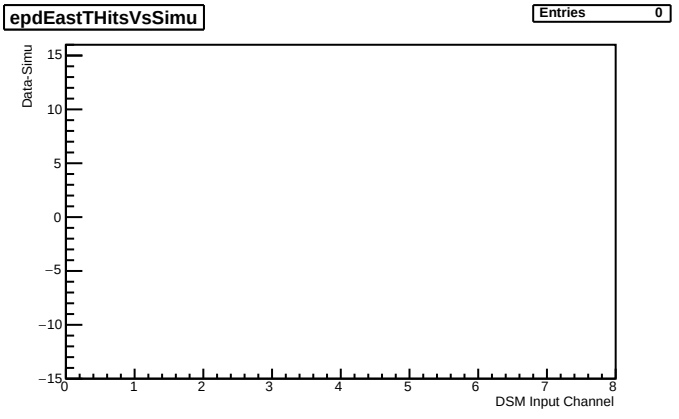
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3002312
Truncated NHits
DSMInput Channel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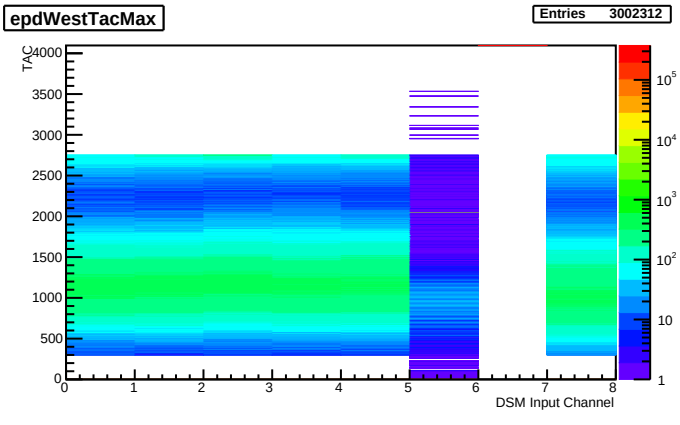
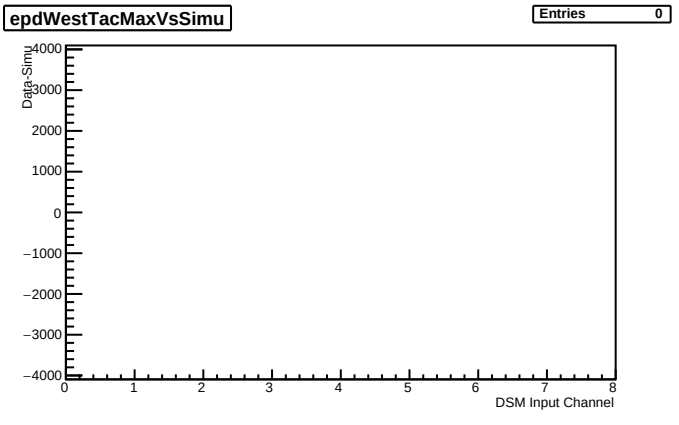
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3002312
TAC
DSM Input Channel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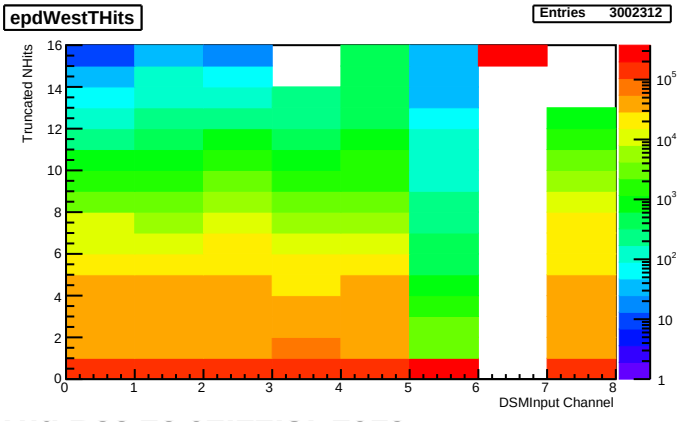
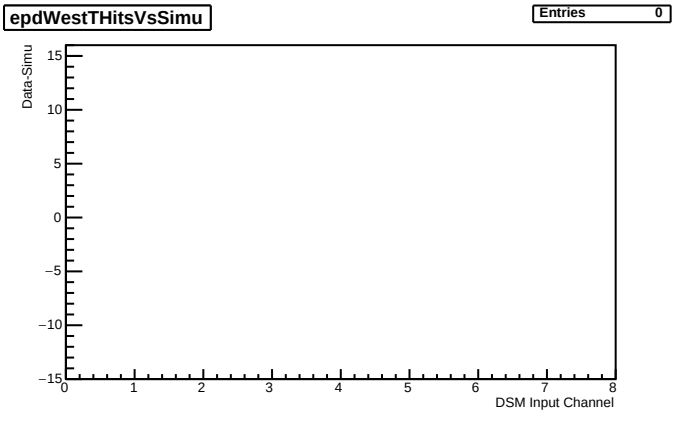
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3002312
Truncated NHits
DSMInput Channel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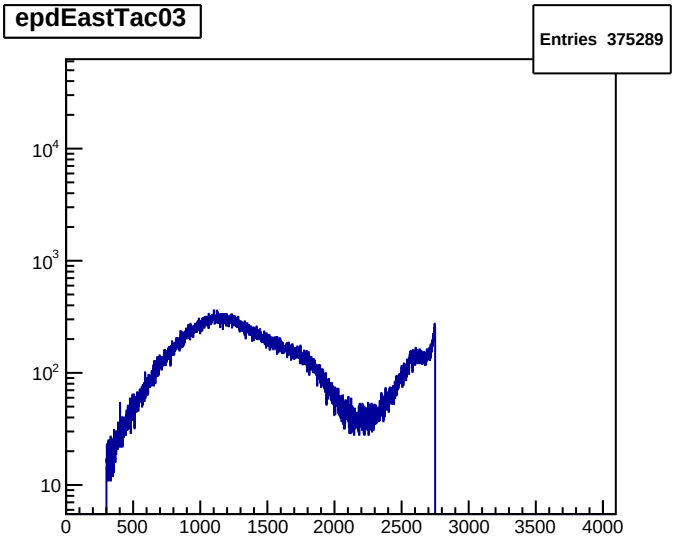
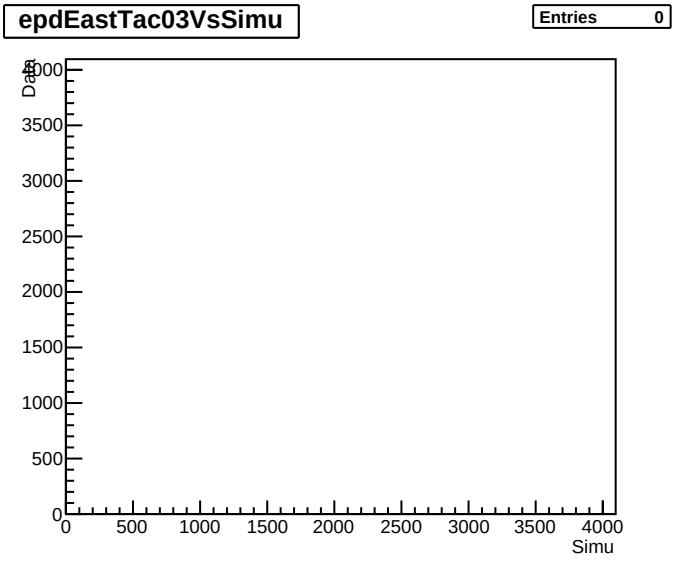
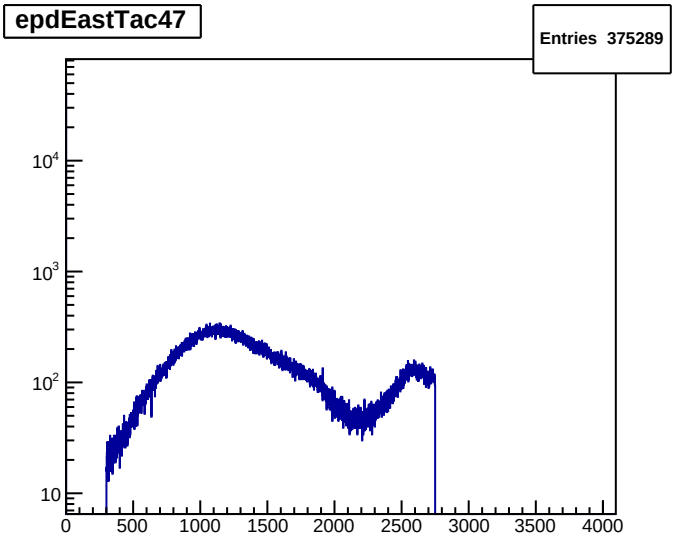
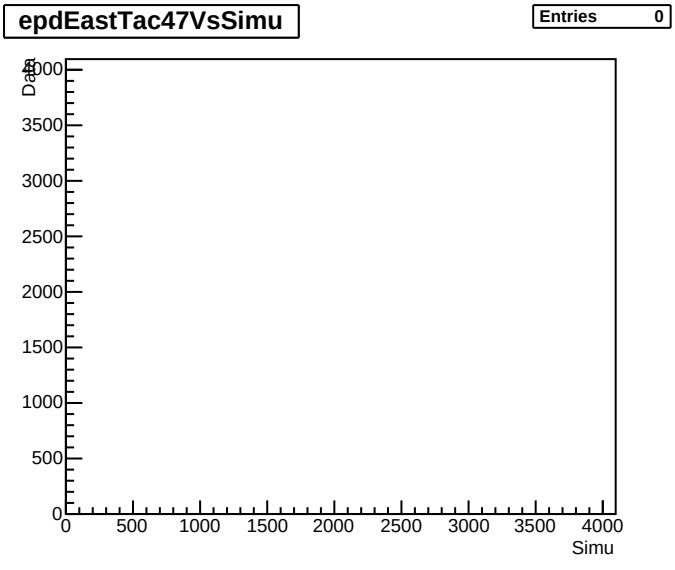
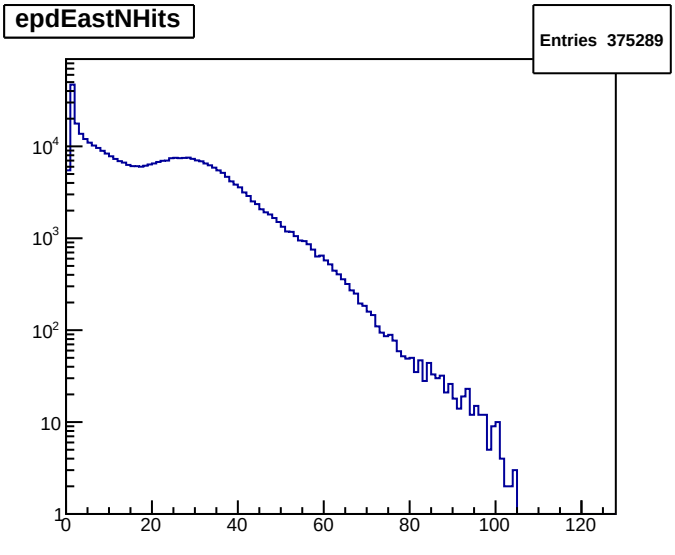
Entries 0
Data-Simu
DSM Input Channel

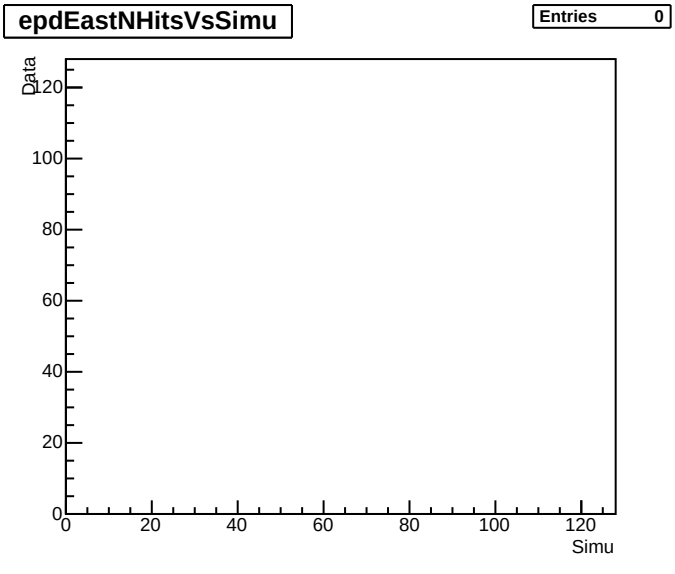

epdEastTac03
Entries 375289


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 375289


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 375289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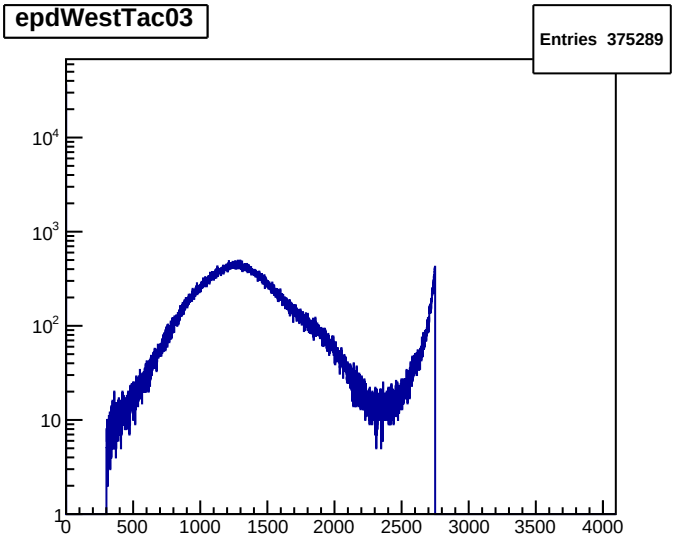
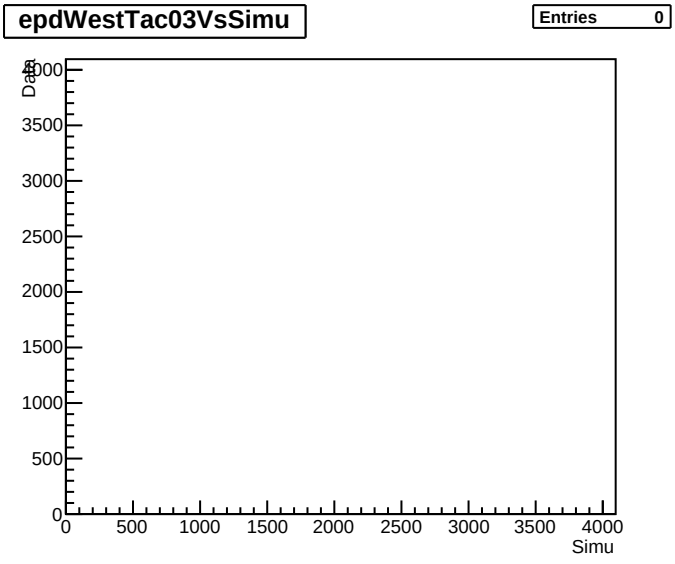
Entries 0
Data
Simu


epdWestTac03
Entries 375289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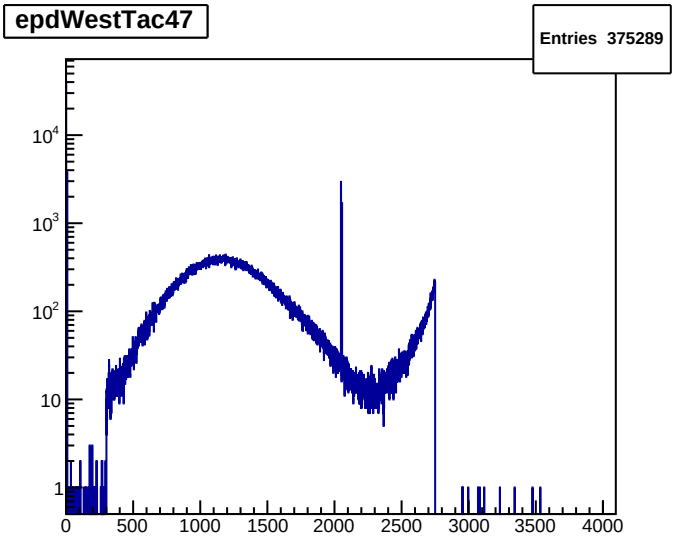
Entries 0
Data
Simu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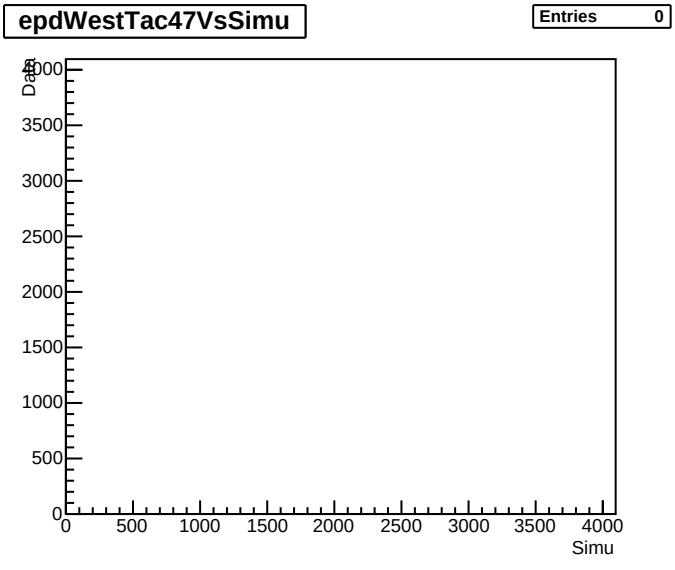
Entries 375289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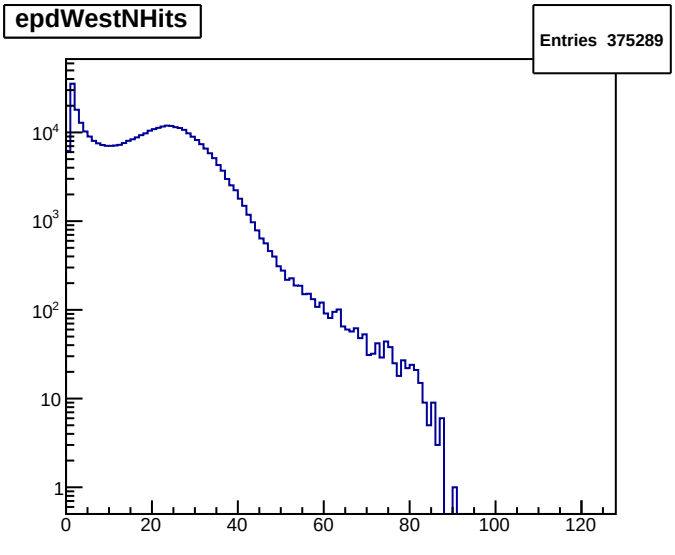
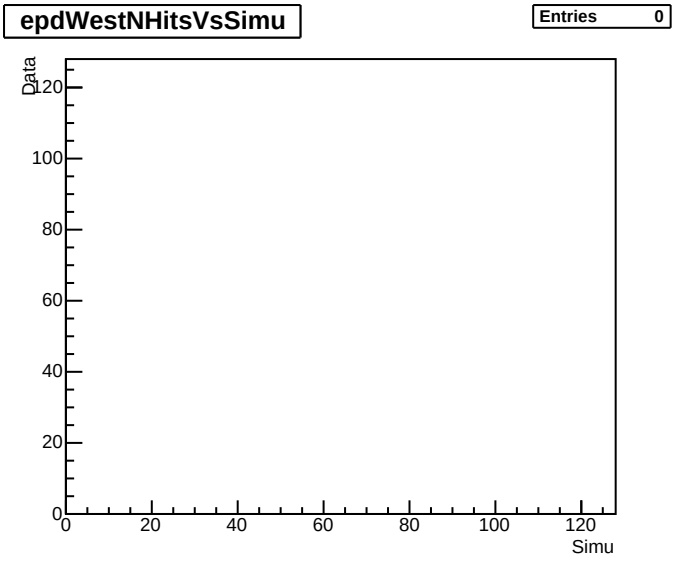
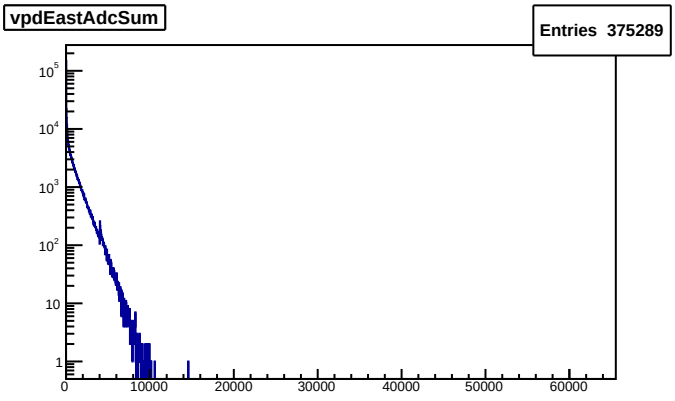
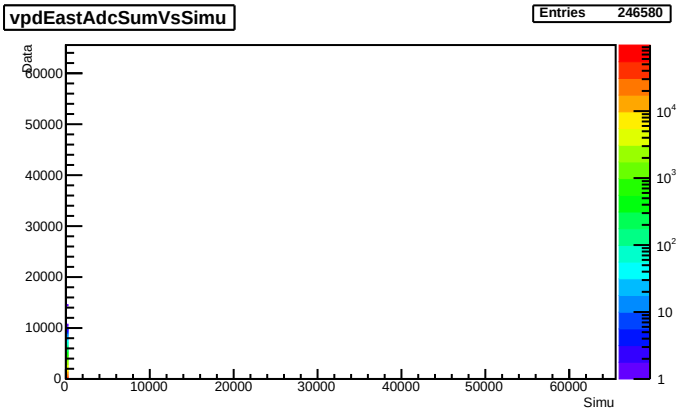
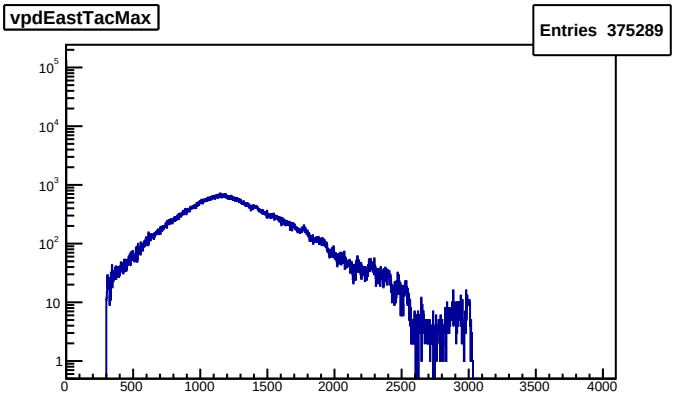
Entries 0
Data
Simu

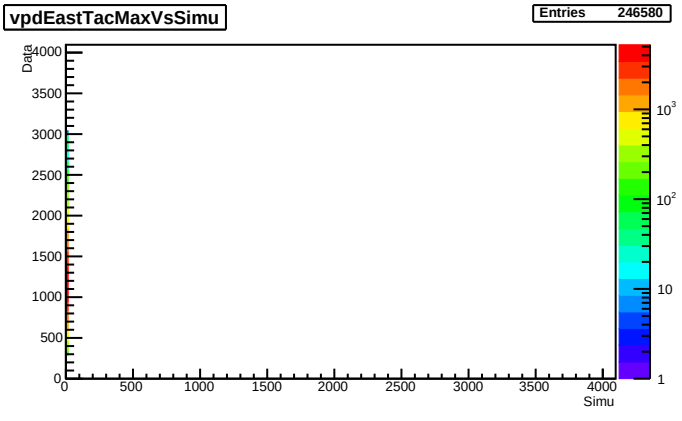

epdWestNHits
Entries 375289

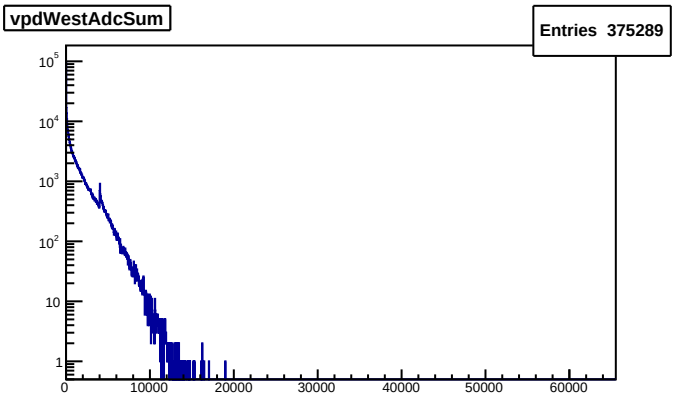

epdWestNHitsVsSimu
Entries 0
Data
Simu

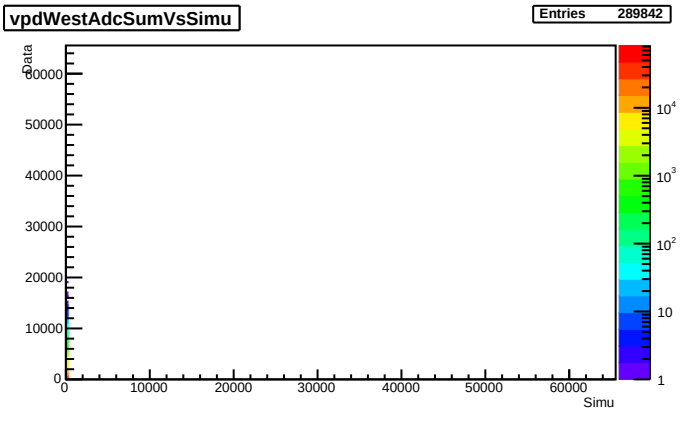

vpdEastAdcSum
Entries 375289

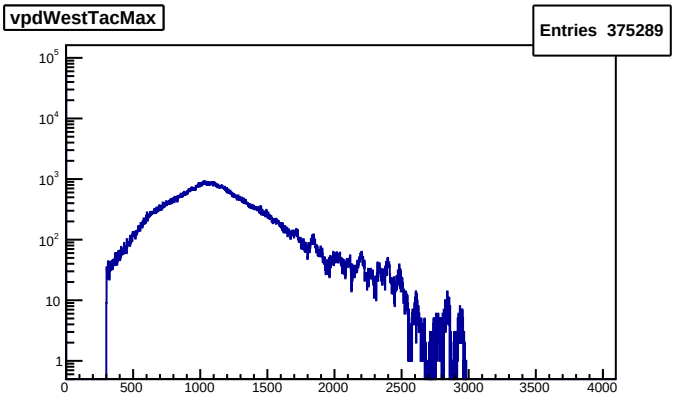

vpdEastAdcSumVsSimu
Entries 246580
Data
Simu

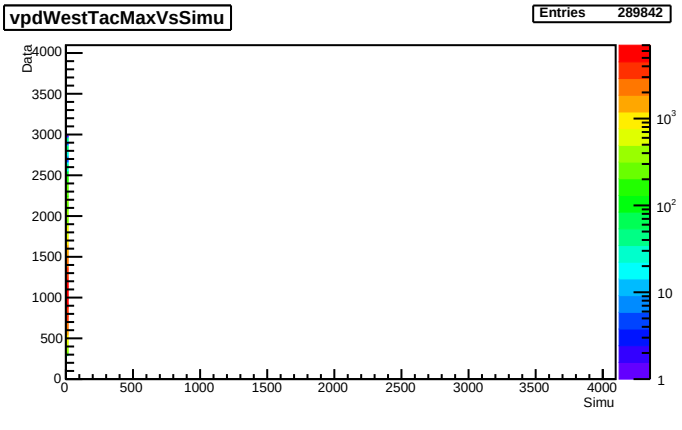

vpdEastTacMax
Entries 375289

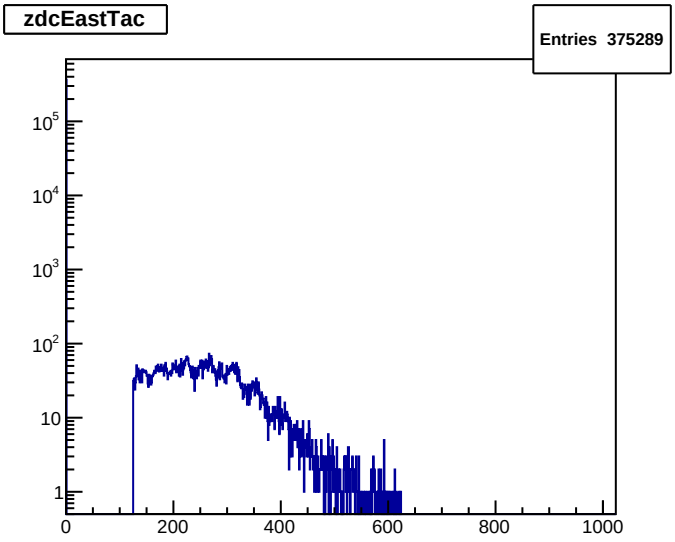

vpdEastTacMaxVsSimu
Entries 246580
Data
Simu

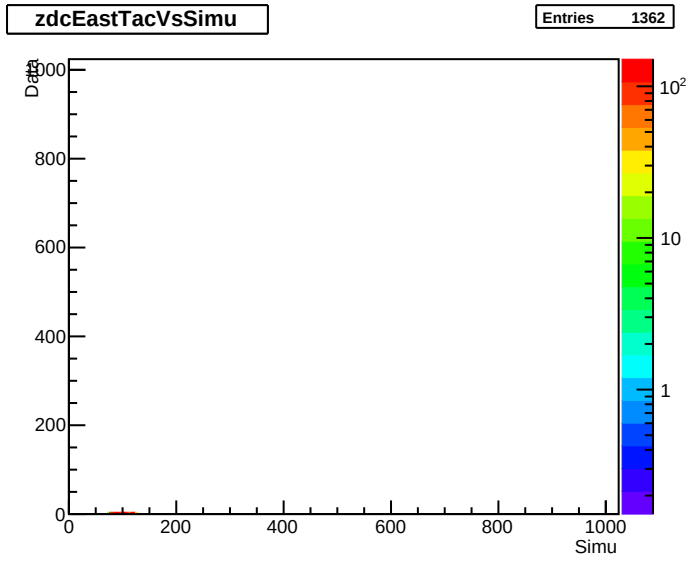

vpdWestAdcSum
Entries 375289

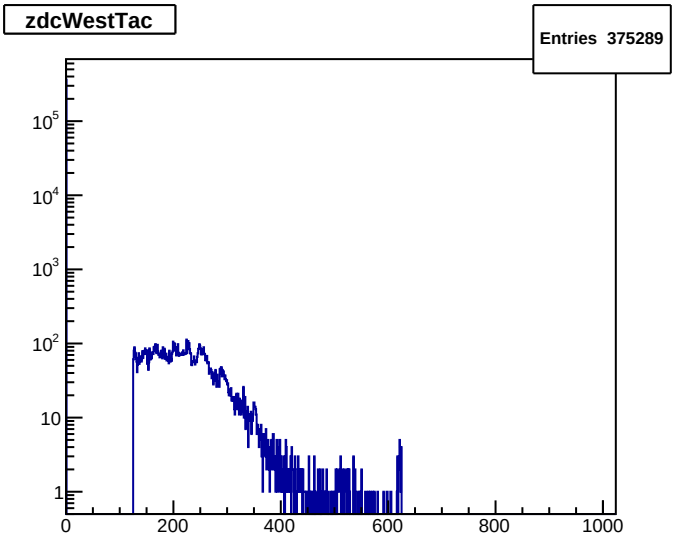

vpdWestAdcSumVsSimu
Entries 289842
Data
Simu

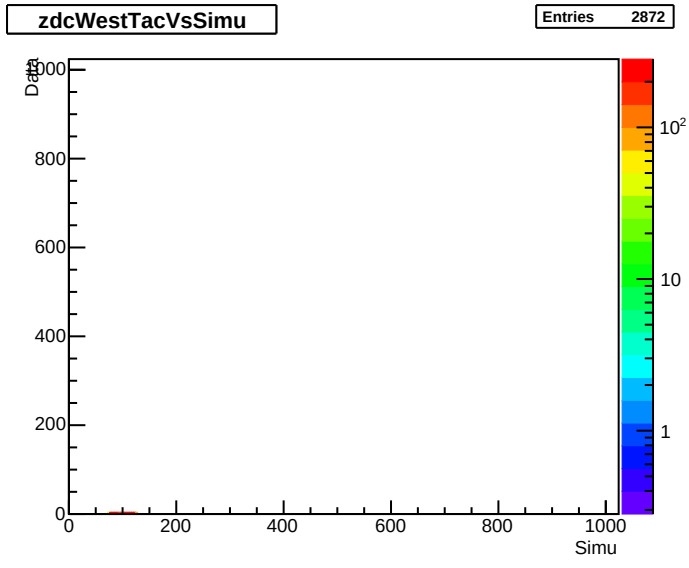

vpdWestTacMax
Entries 375289

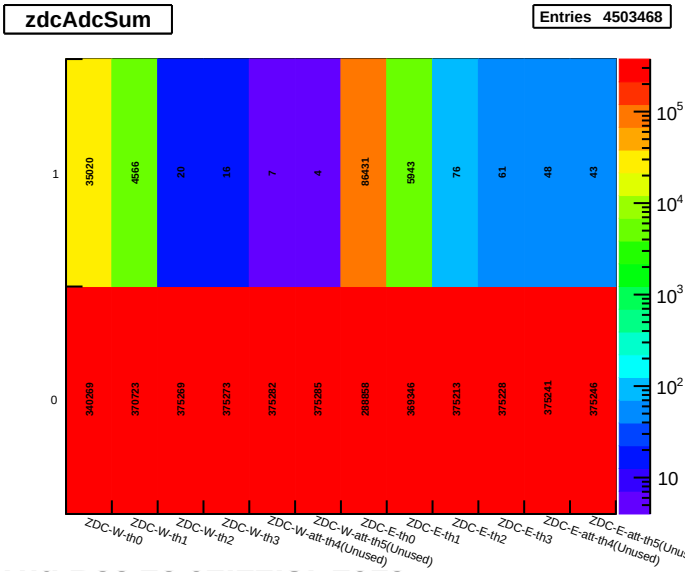

vpdWestTacMaxVsSimu
Entries 289842
Data
Simu

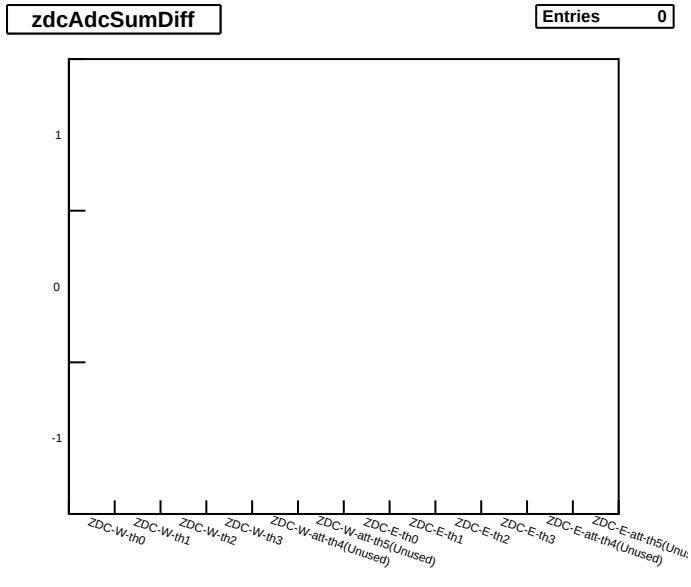

zdcEastTac
Entries 375289

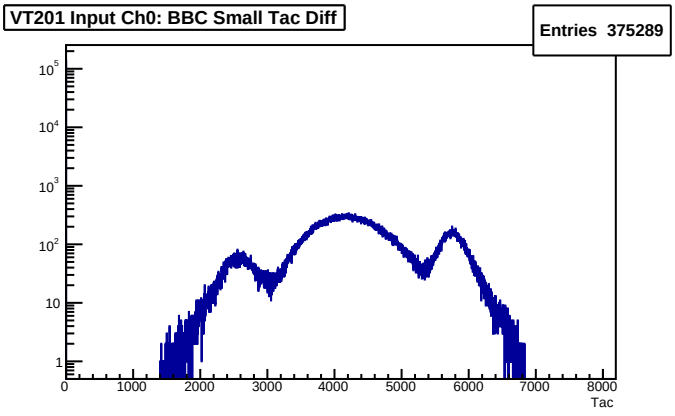

zdcEastTacVsSimu
Entries 1362
Data
Simu

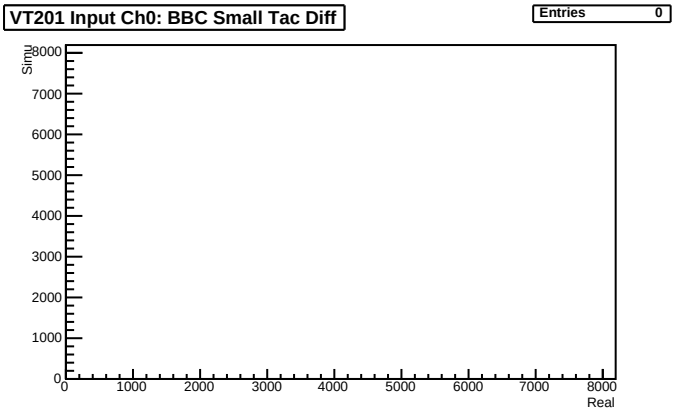

zdcWestTac
Entries 375289

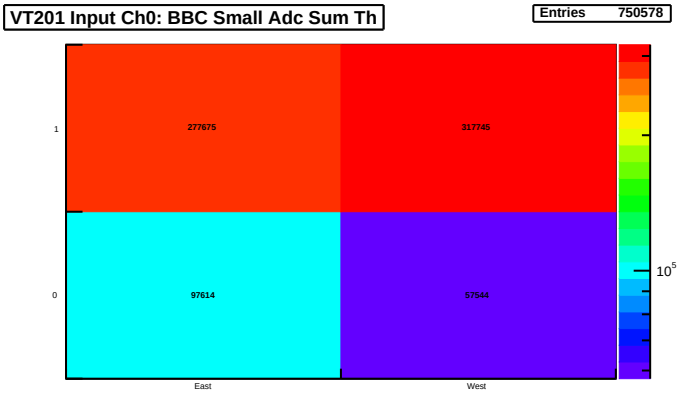

zdcWestTacVsSimu
Entries 2872
Data
Simu

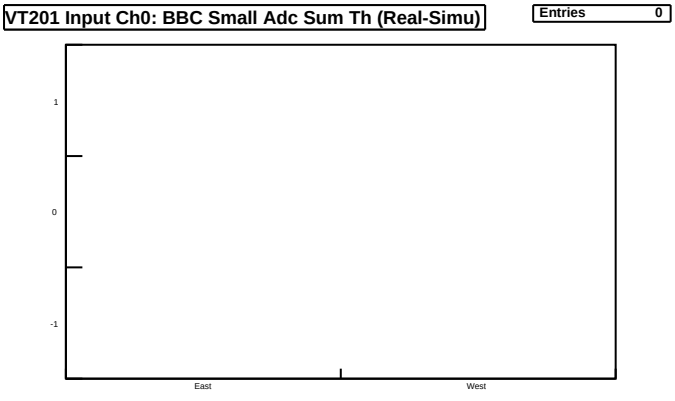

zdcAdcSum
Entries 4503468
35020
4566
20
16
7
4
86431
5943
76
61
48
43
340289
370723
375269
375273
375282
375285
288658
369346
375213
375228
375241
375246
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

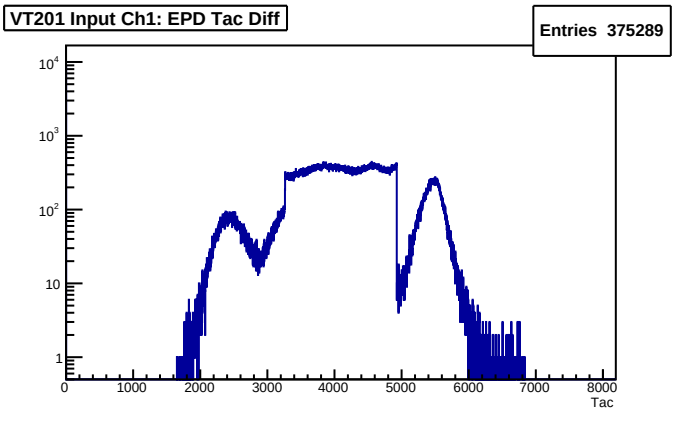

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

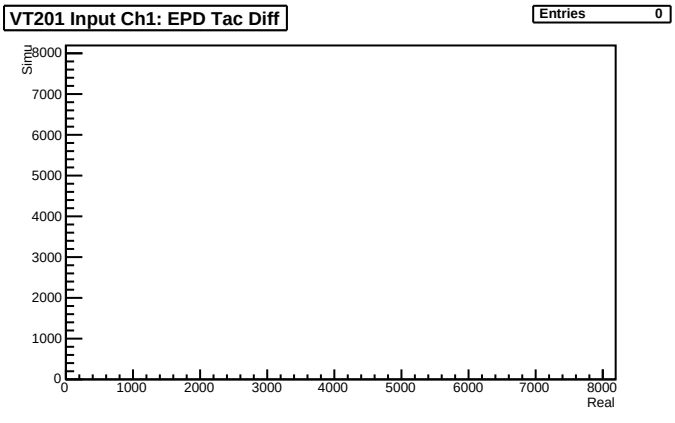

VT201 Input Ch0: BBC Small Tac Diff
Entries 375289
Tac

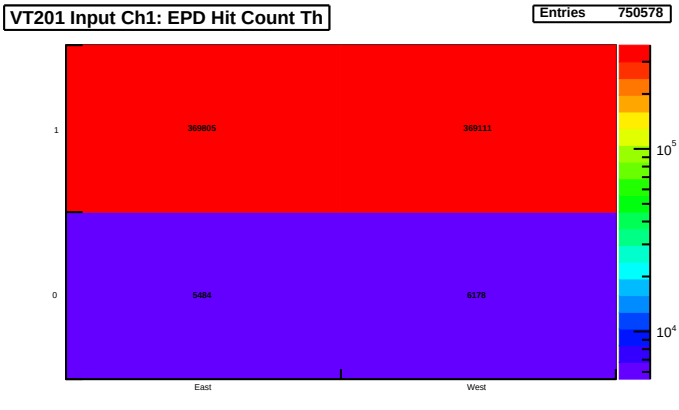

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

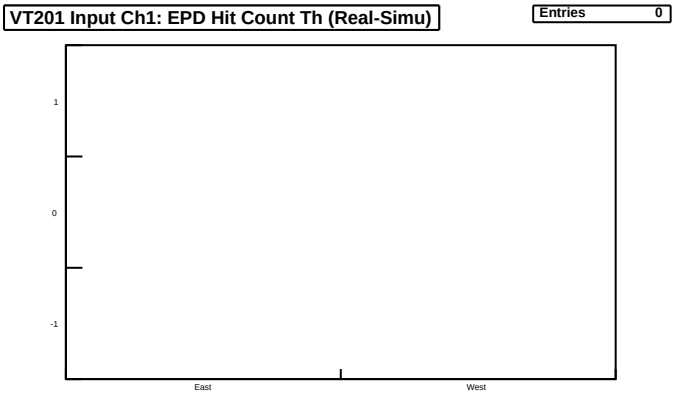

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 750578
277675
317745
97614
57544
East
West

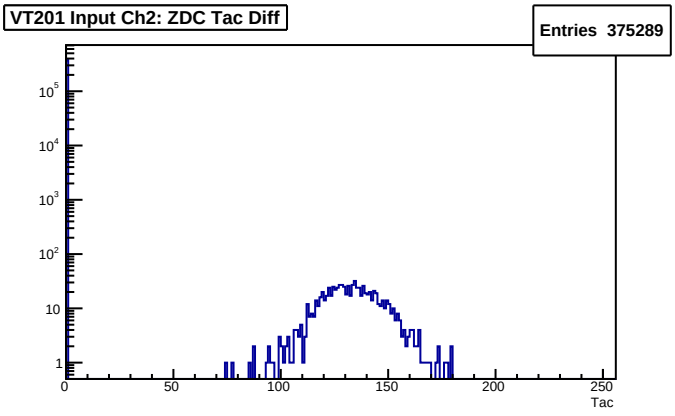

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

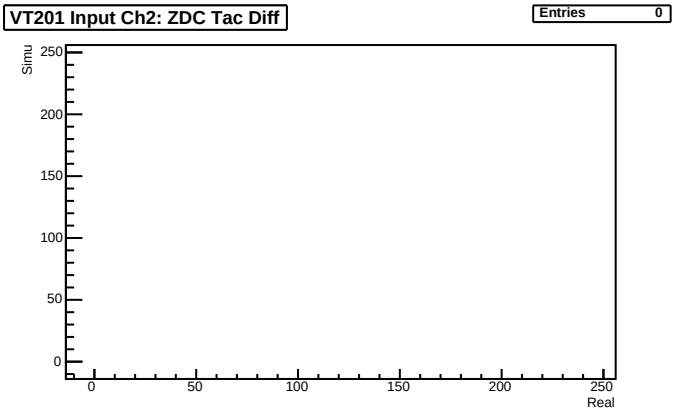

VT201 Input Ch1: EPD Tac Diff
Entries 375289
Tac

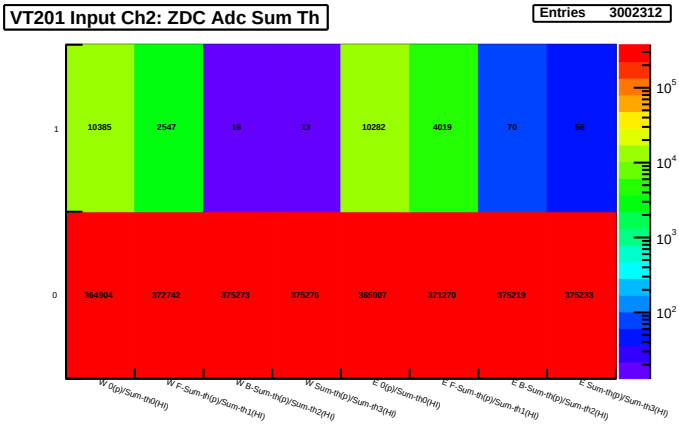

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

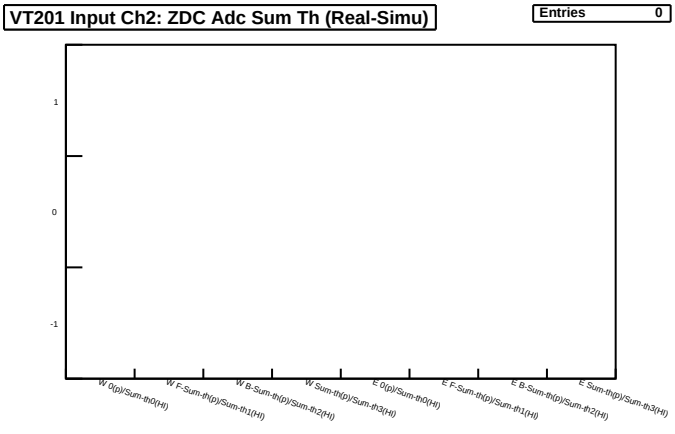

VT201 Input Ch1: EPD Hit Count Th
Entries 750578
369805
369111
5484
6178
East
West

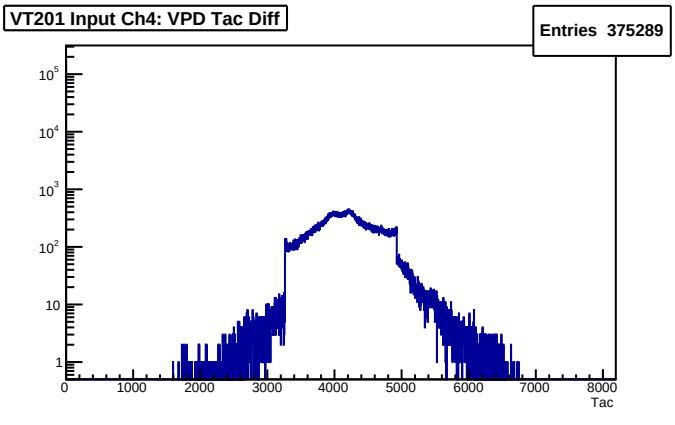

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

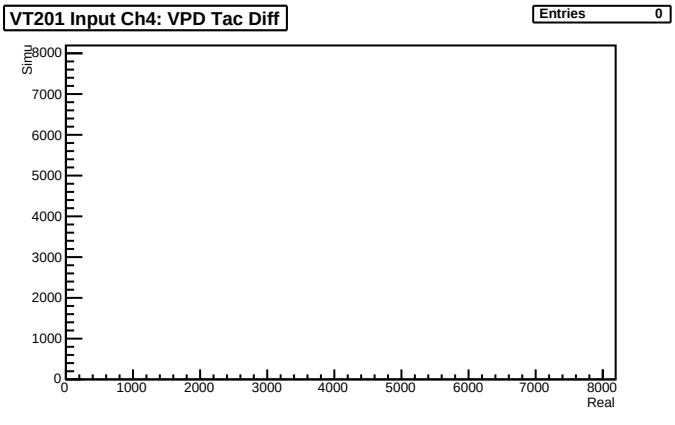

VT201 Input Ch2: ZDC Tac Diff
Entries 375289
Tac

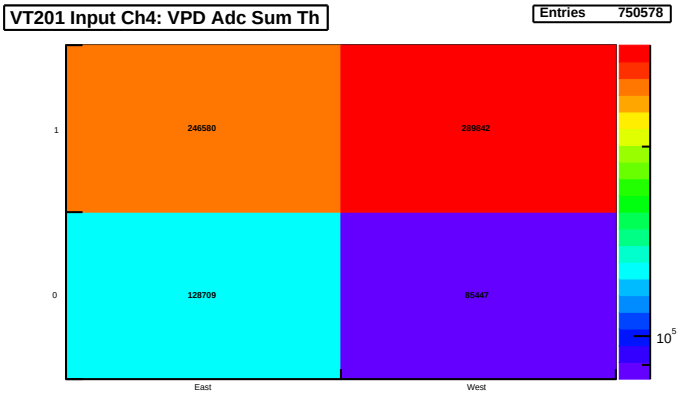

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

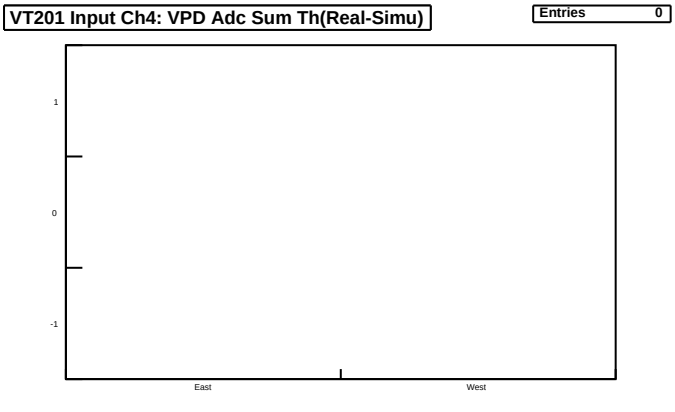

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3002312
10385
2547
16
13
10282
4019
70
56
364904
372742
375273
375276
365007
371270
375219
375233
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

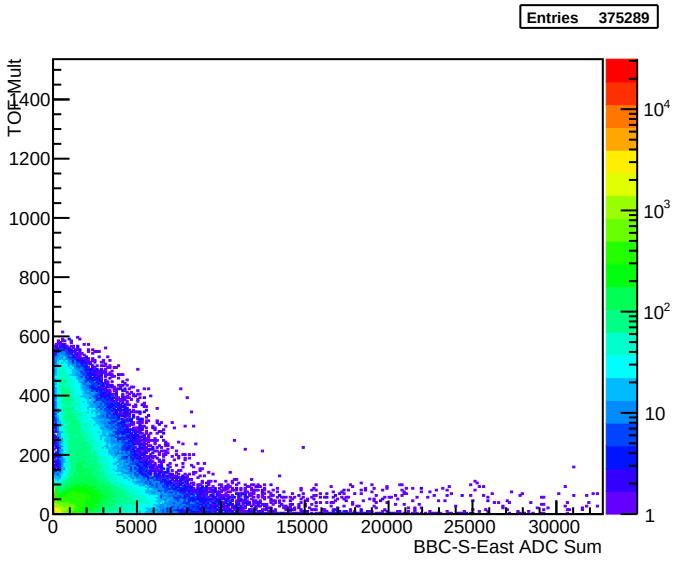

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

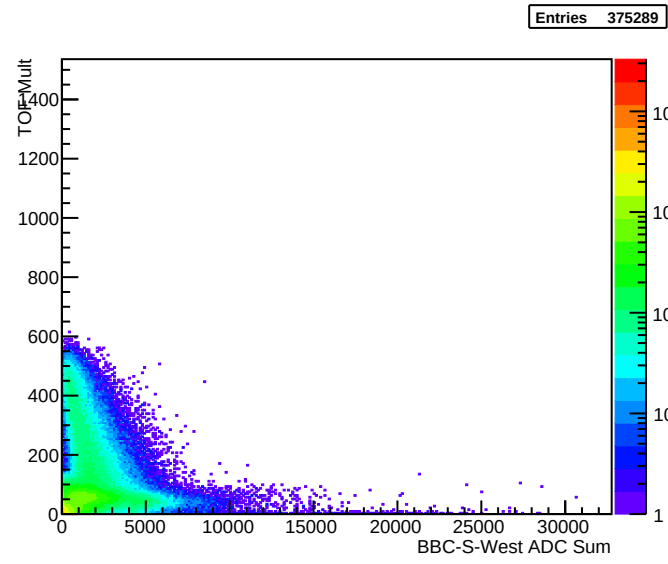

VT201 Input Ch4: VPD Tac Diff
Entries 375289
Tac

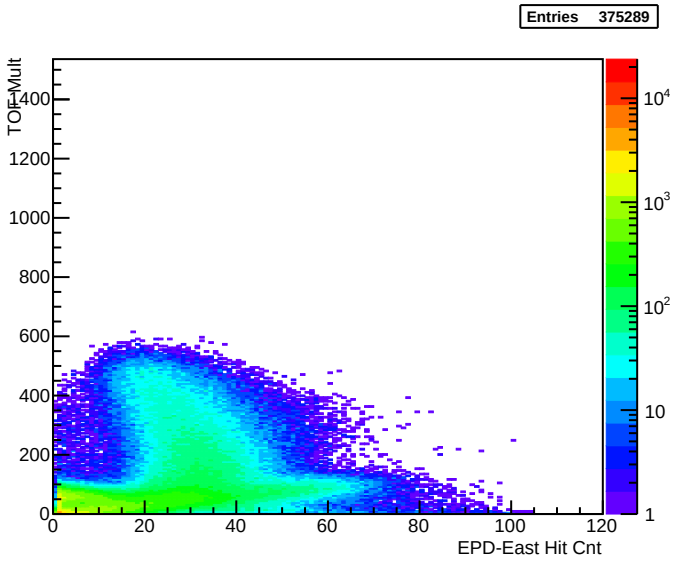

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

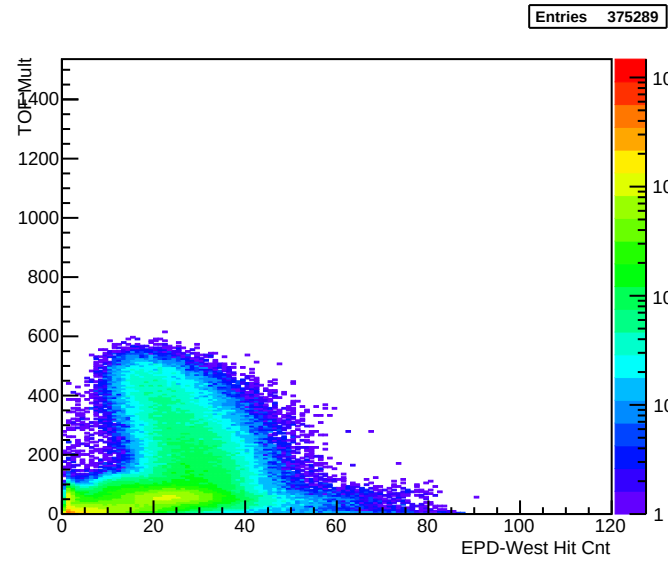

VT201 Input Ch4: VPD Adc Sum Th
Entries 750578
246580
289842
128709
85447
East
West

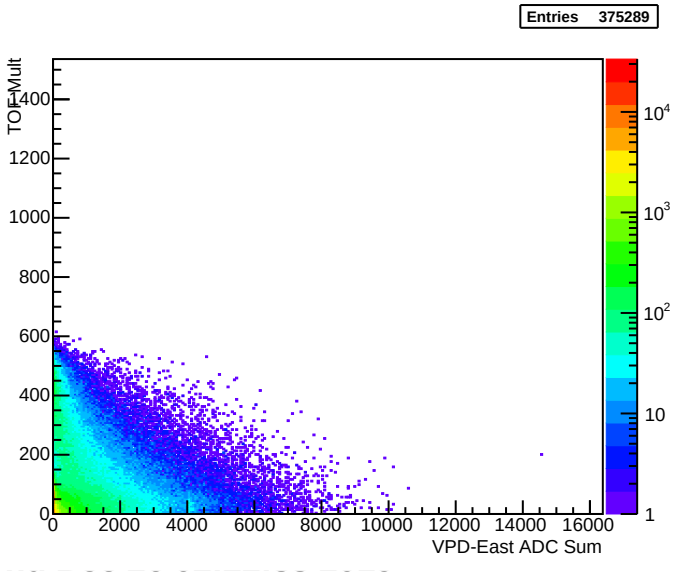

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

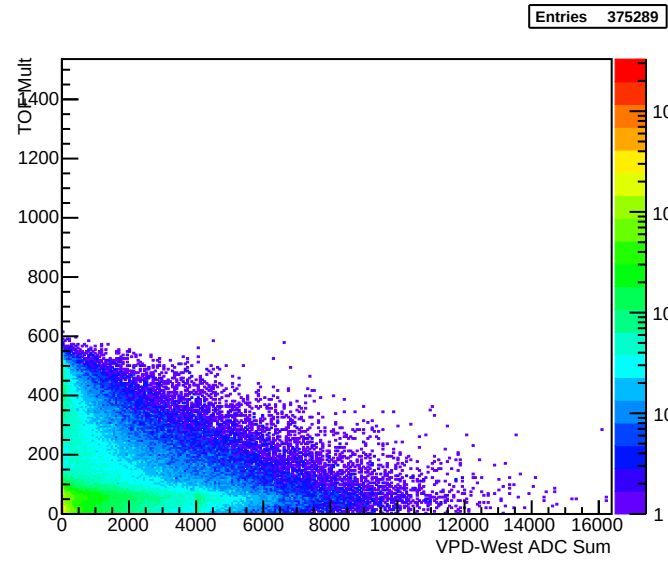

Entries 375289
TOF-Mult
BBC-S-East ADC Sum

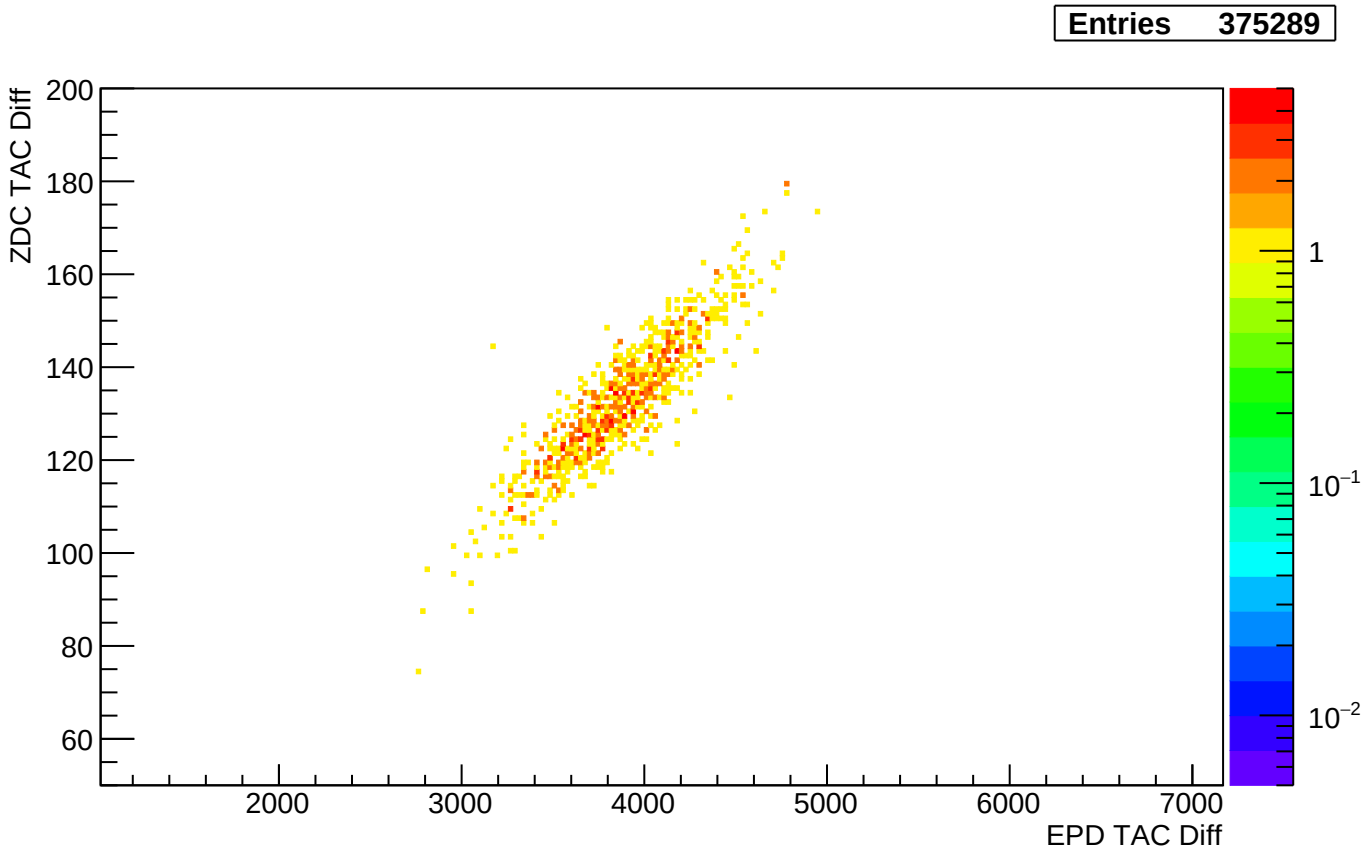

Entries 375289
TOF-Mult
BBC-S-West ADC Sum

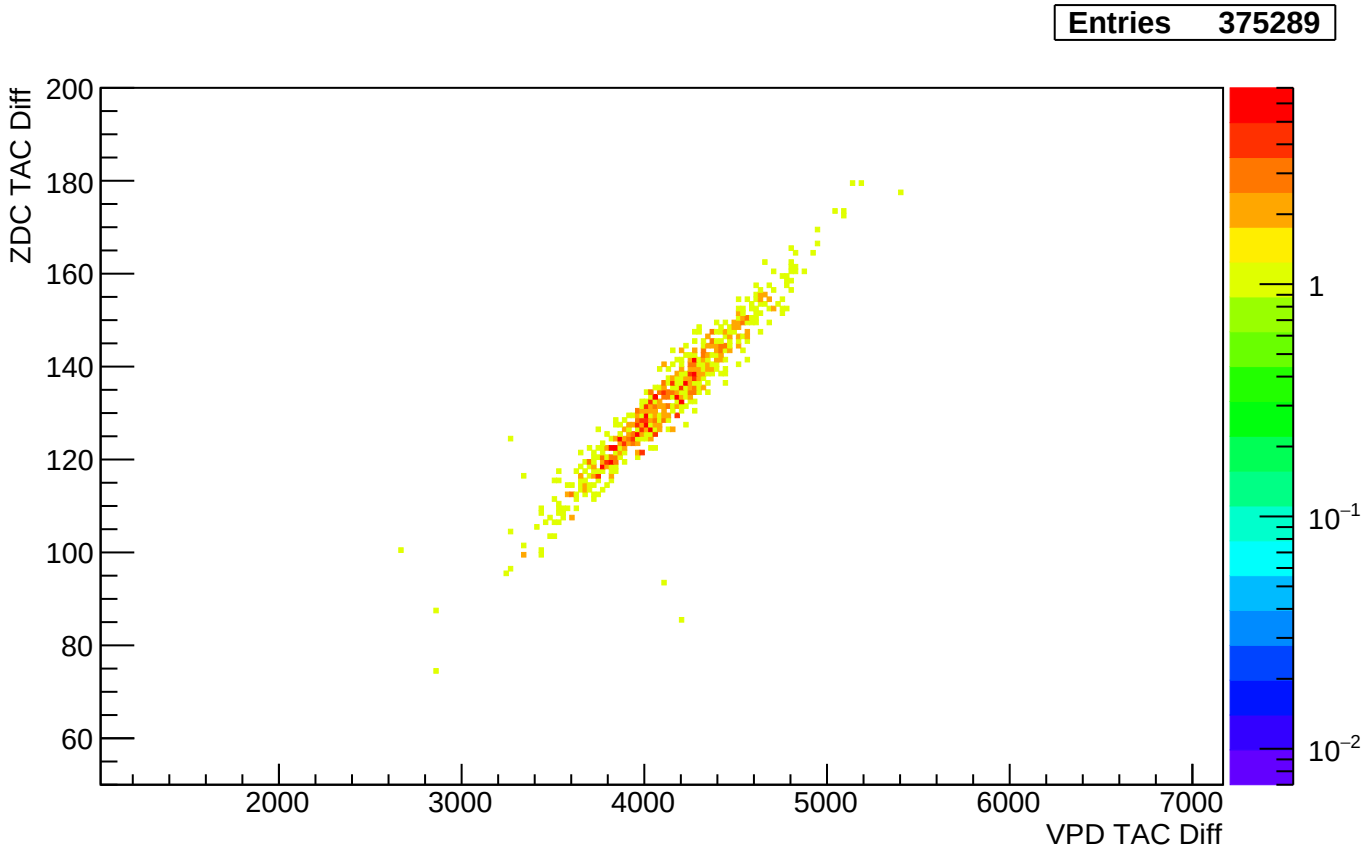

Entries 375289
TOF-Mult
EPD-East Hit Cnt

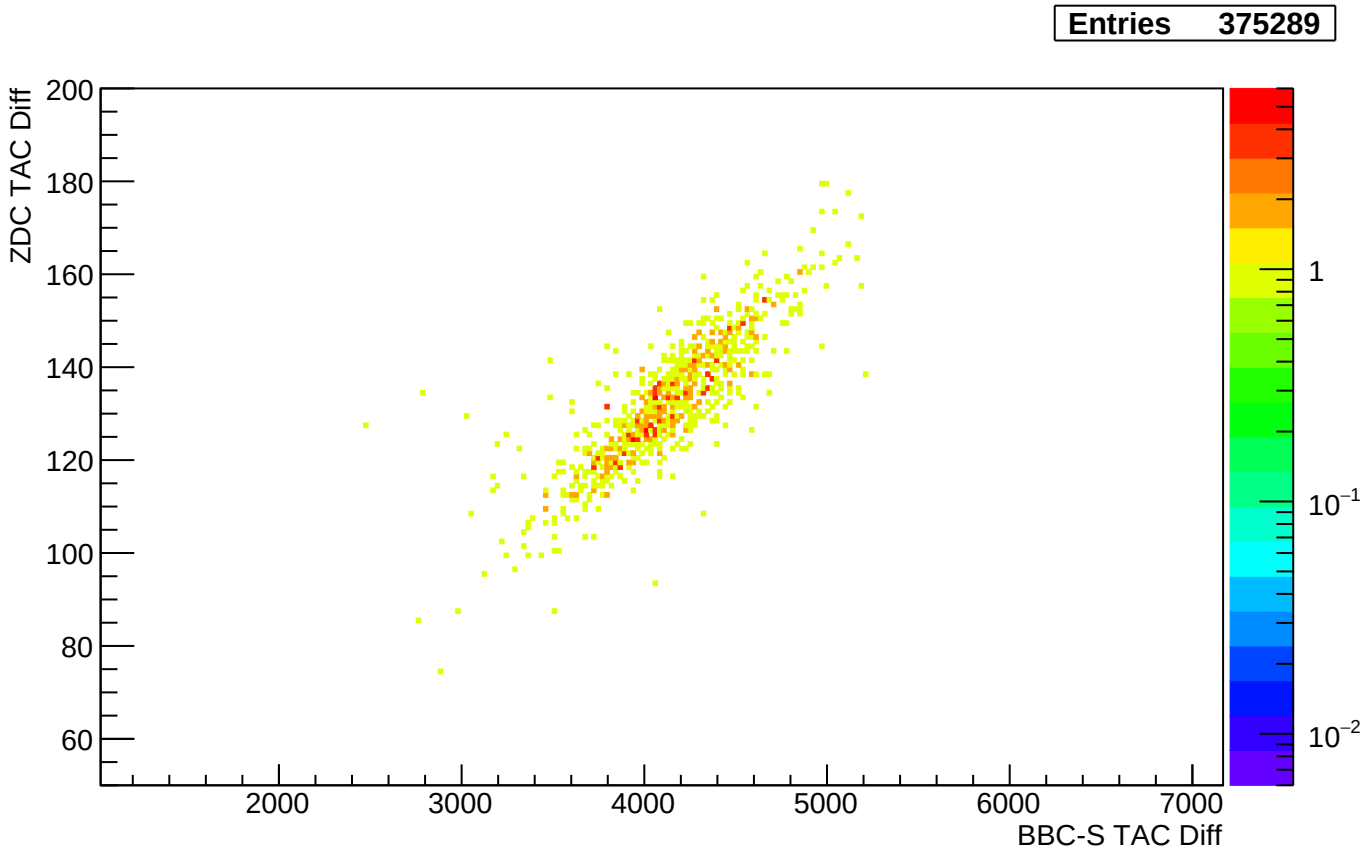

Entries 375289
TOF-Mult
EPD-West Hit Cnt

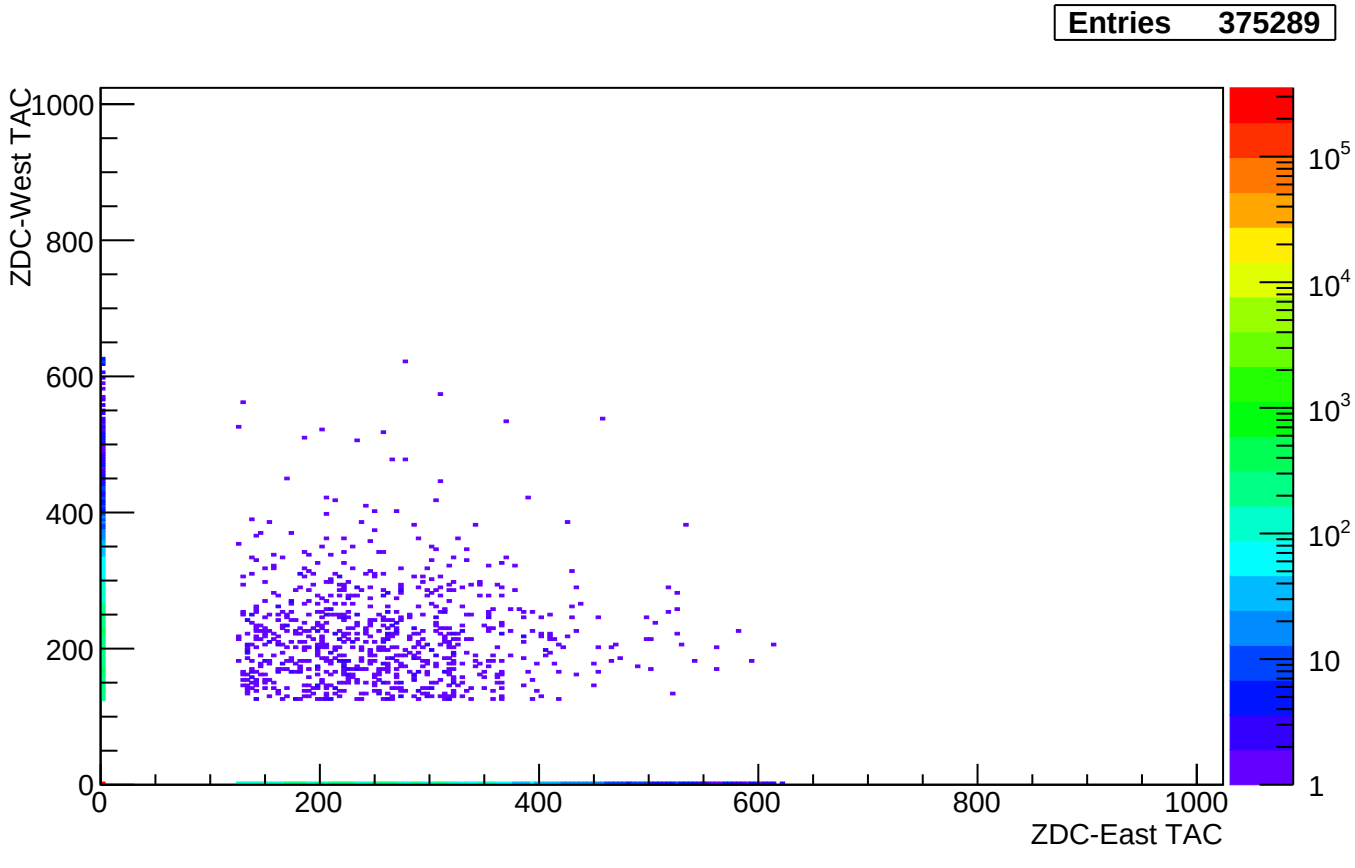

Entries 375289
TOF-Mult
VPD-East ADC Sum

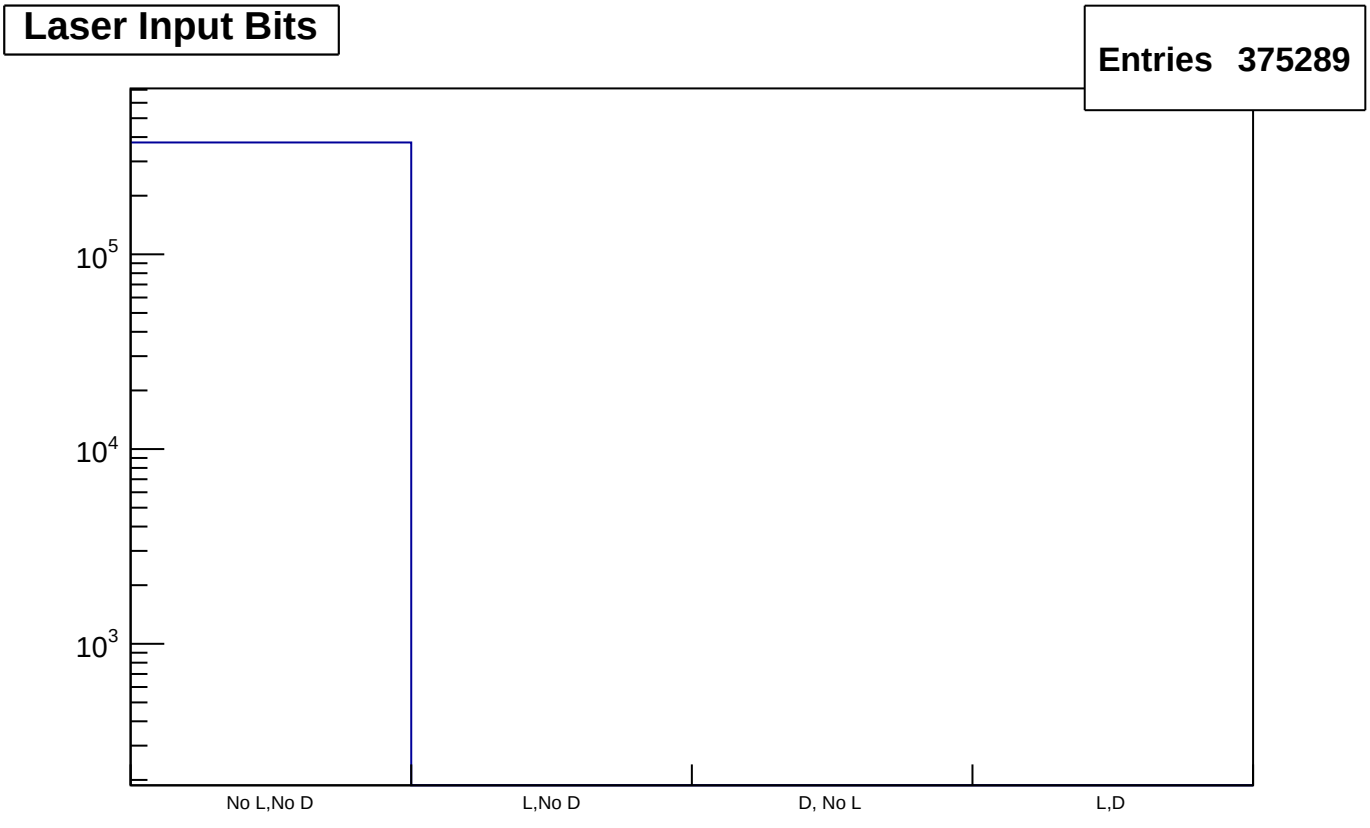

Entries 375289
TOF-Mult
VPD-West ADC Sum

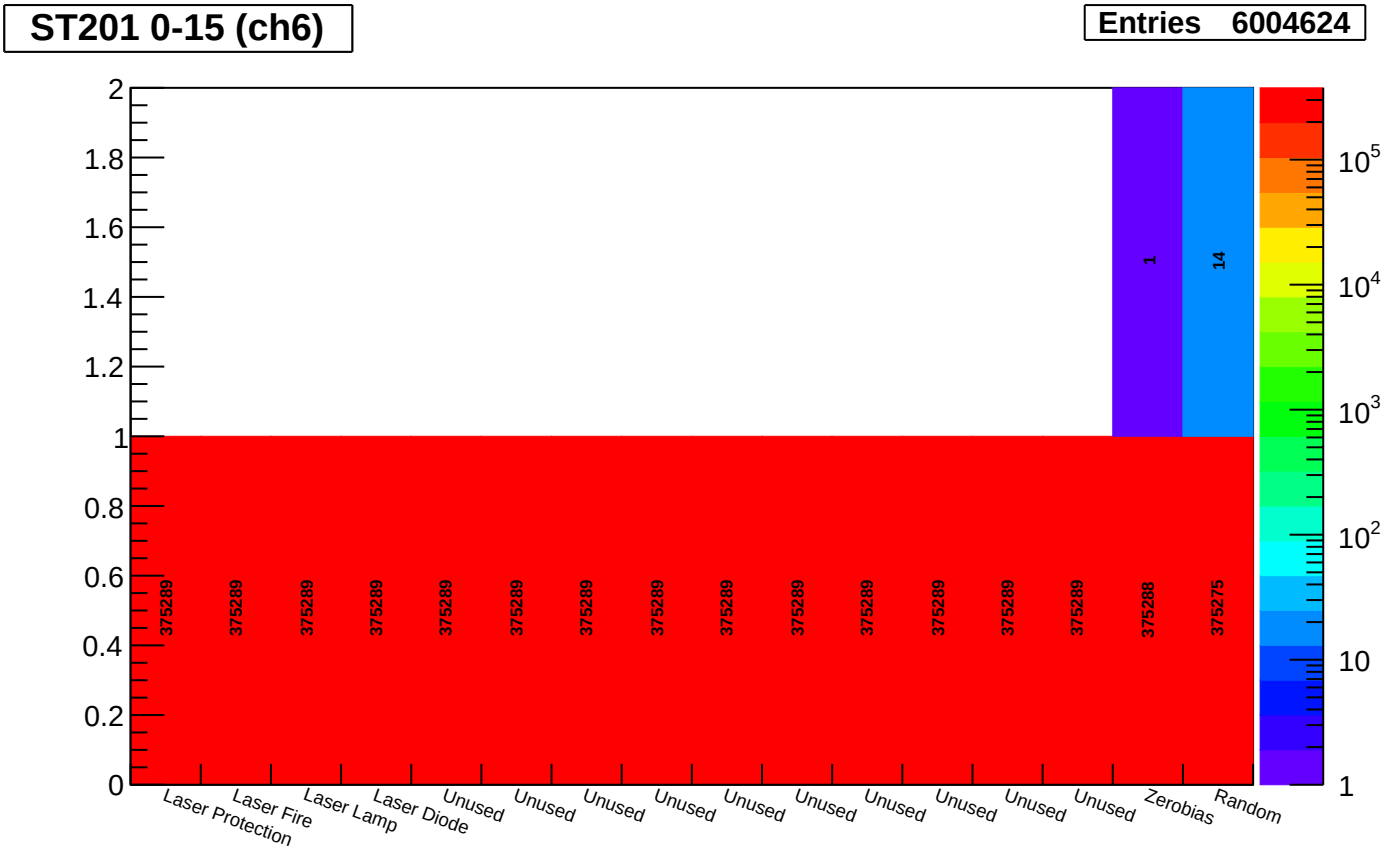

Entries 375289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

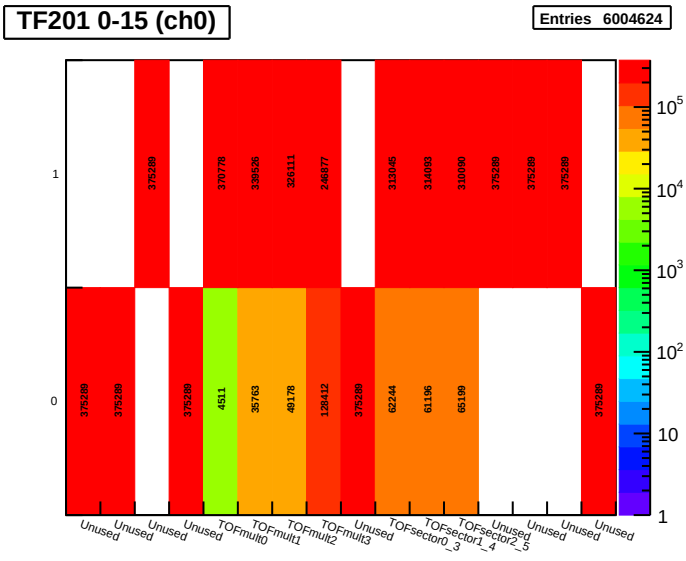

Entries 375289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

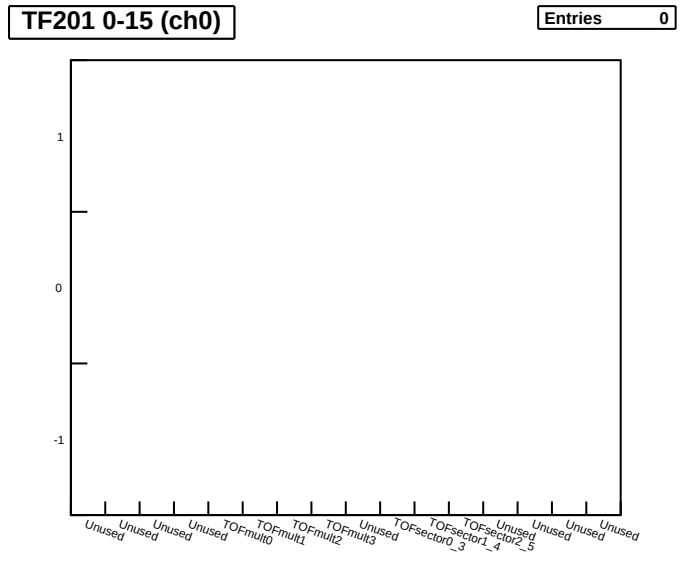

Entries 375289
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

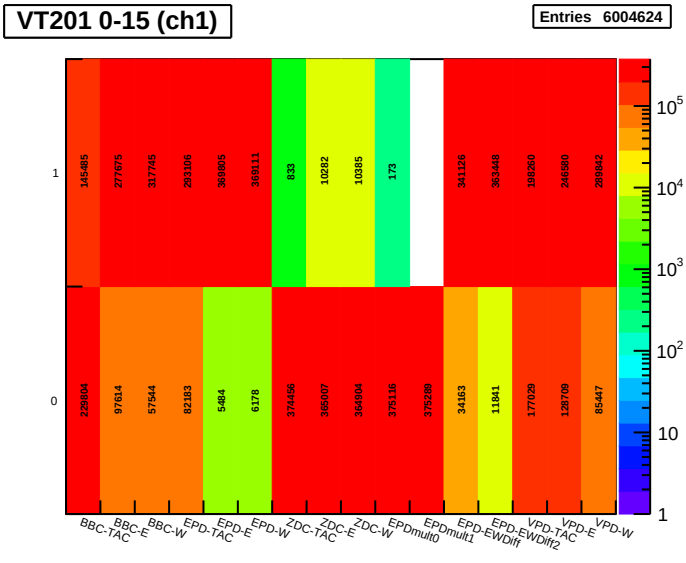

Entries 375289
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

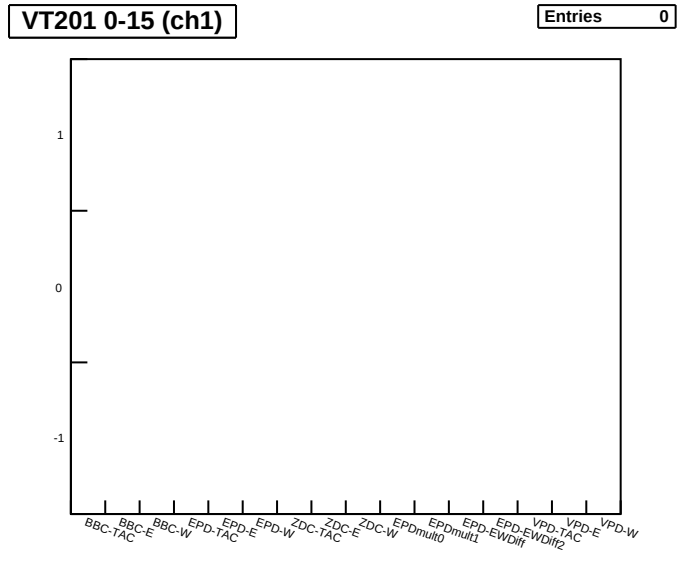

Laser Input Bits
Entries 375289
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

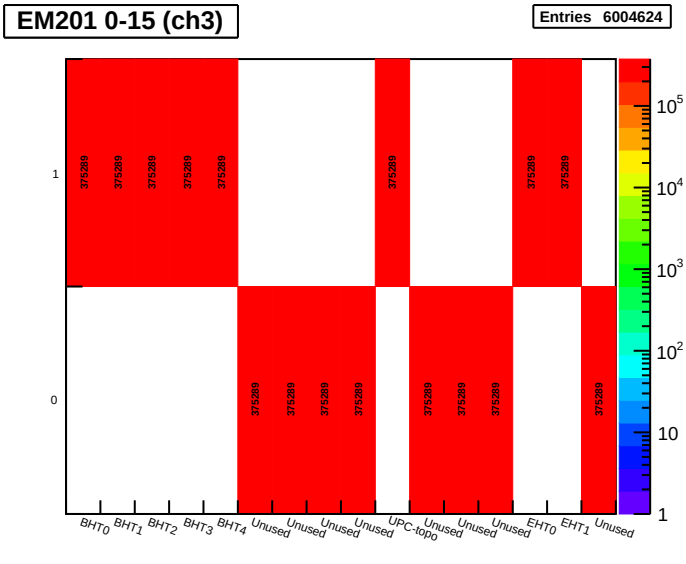

ST201 0-15 (ch6)
Entries 6004624
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
375289
375289
375289
375289
375289
375289
375289
375289
375289
375289
375289
375289
375289
375289
375288
375275
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

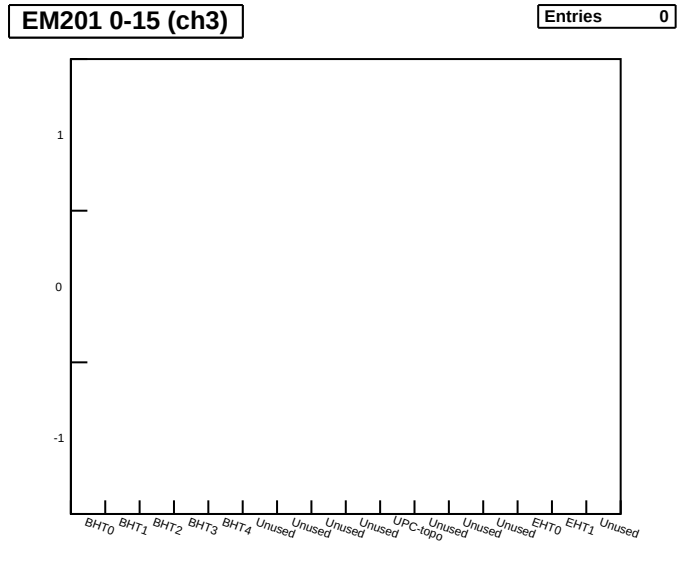

TF201 0-15 (ch0)
Entries 6004624
1
0
375289 375289 375289 375289 370778 339526 326111 246877 313045 314093 310090 375289 375289 375289
375289 375289 375289 4511 35763 49178 128412 375289 62244 61196 65199 375289
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 6004624
1
0
145485 277675 317745 293106 369805 369111 833 10282 10385 173 341126 363448 198250 246580 289842
229804 97614 57544 82183 5484 6178 374456 365007 364904 375116 375289 34163 11841 177029 128709 85477
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 6004624
1
0
375289 375289 375289 375289 375289 375289 375289 375289 375289
375289 375289 375289 375289 375289 375289 375289 375289
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