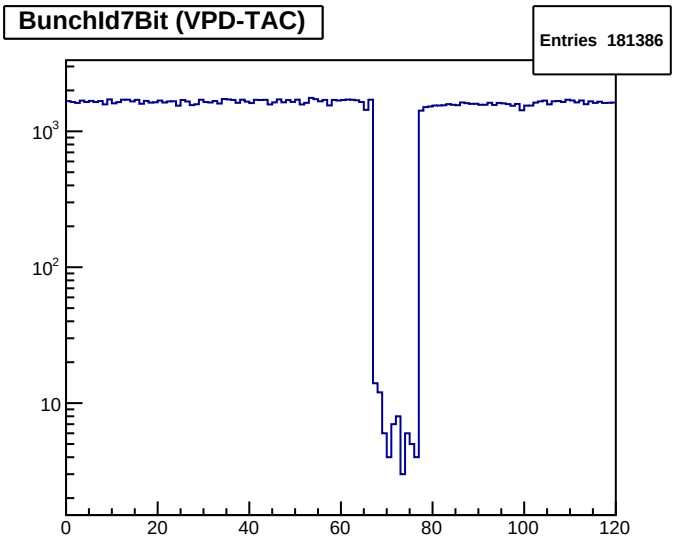
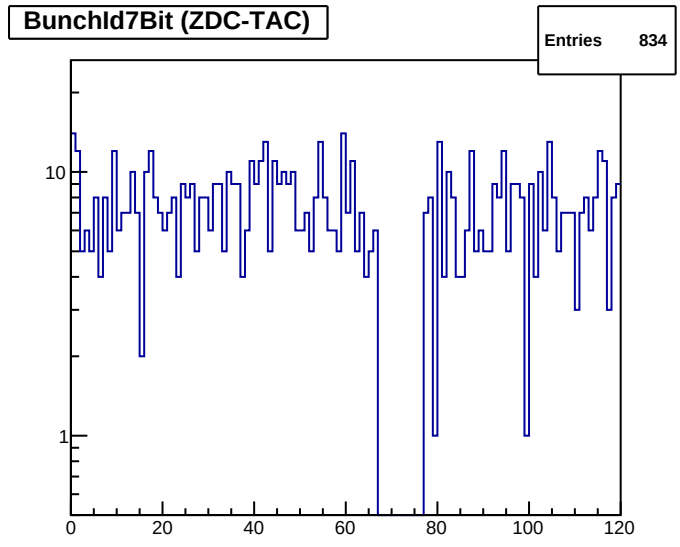
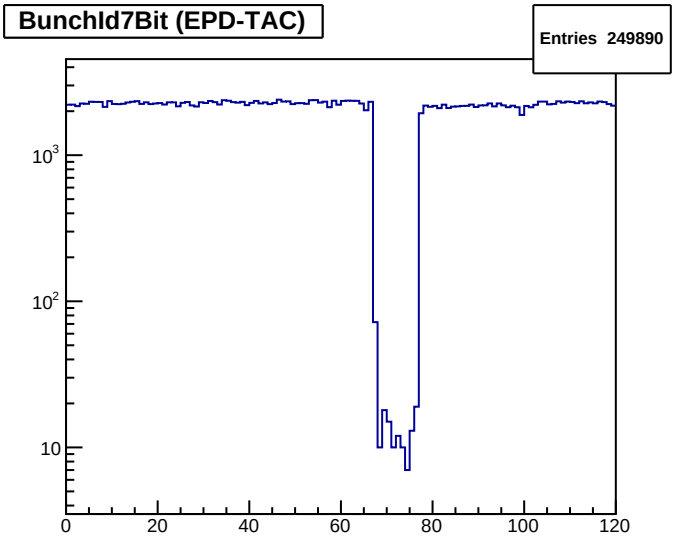
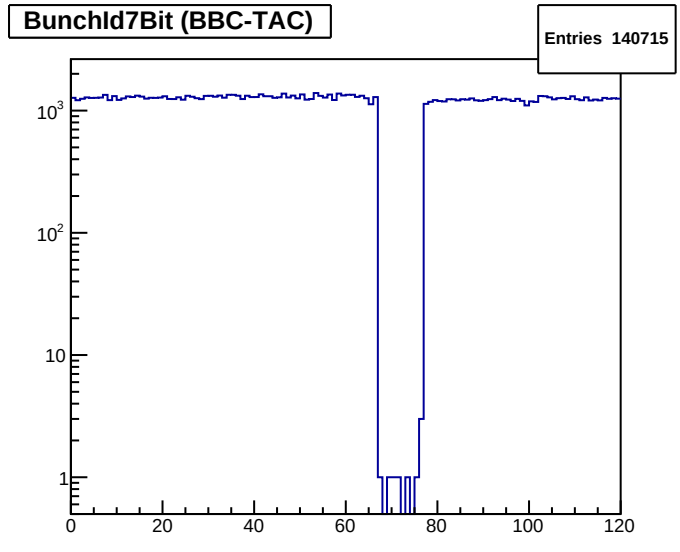
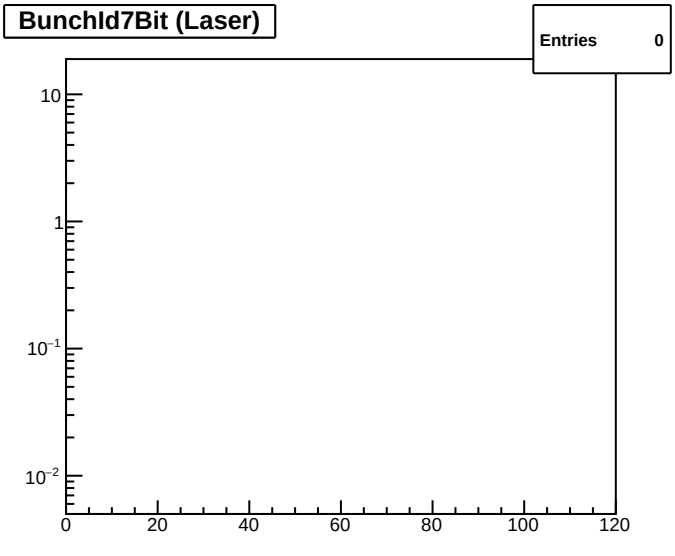
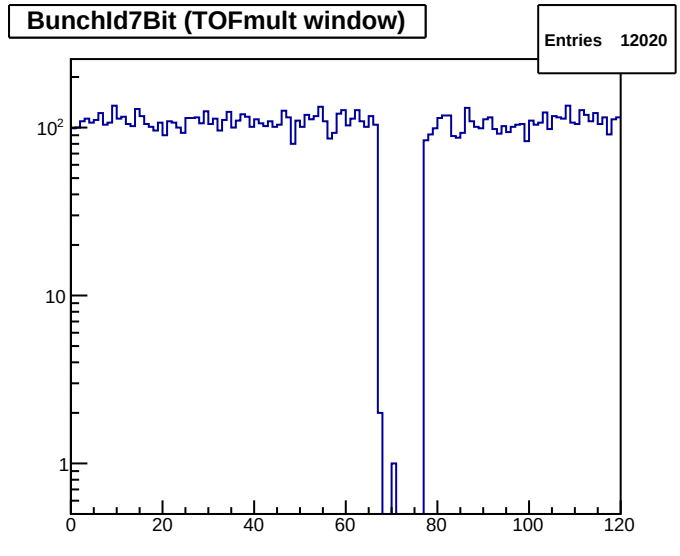

BunchId7Bit (VPD-TAC)
Entries 181386

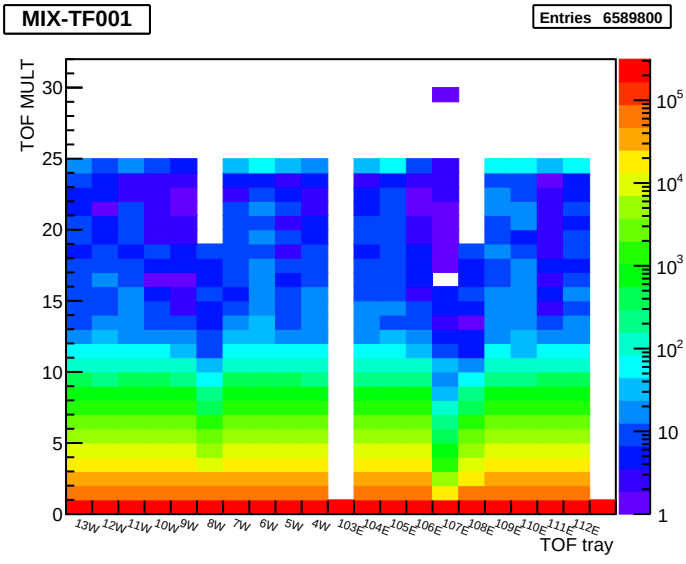

BunchId7Bit (ZDC-TAC)
Entries 834

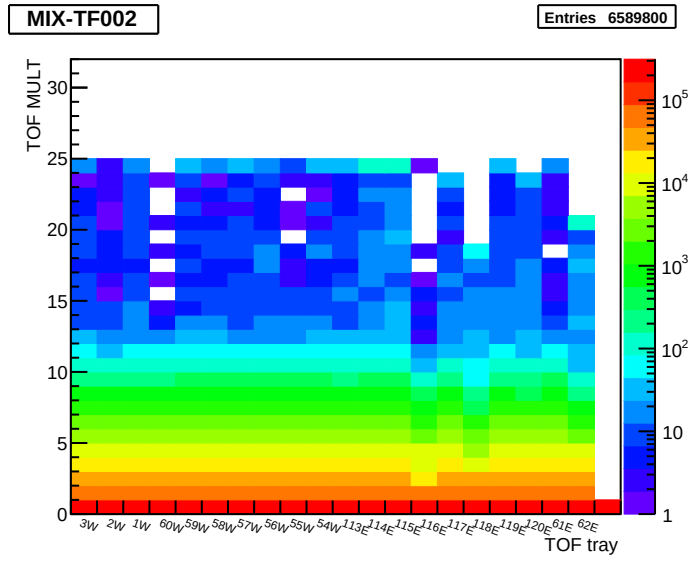

BunchId7Bit (EPD-TAC)
Entries 249890

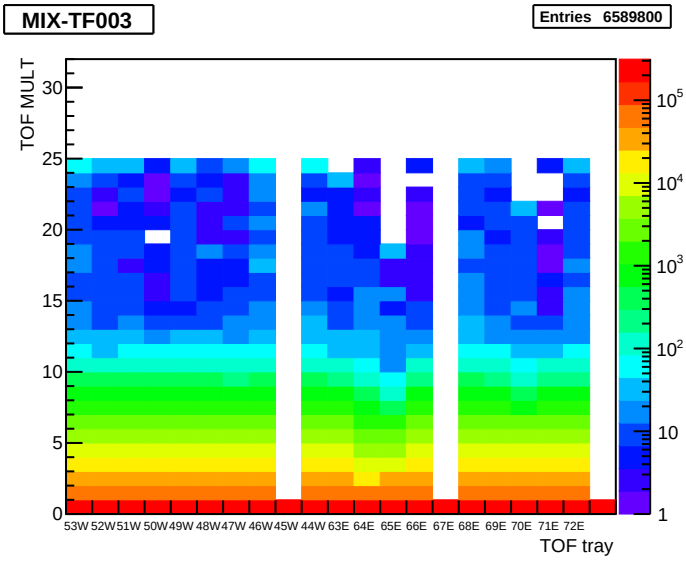

BunchId7Bit (BBC-TAC)
Entries 140715

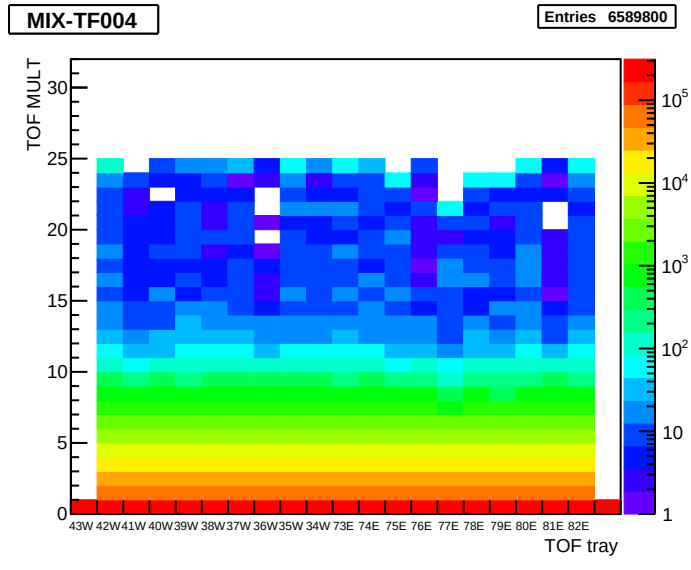

BunchId7Bit (Laser)
Entries 0

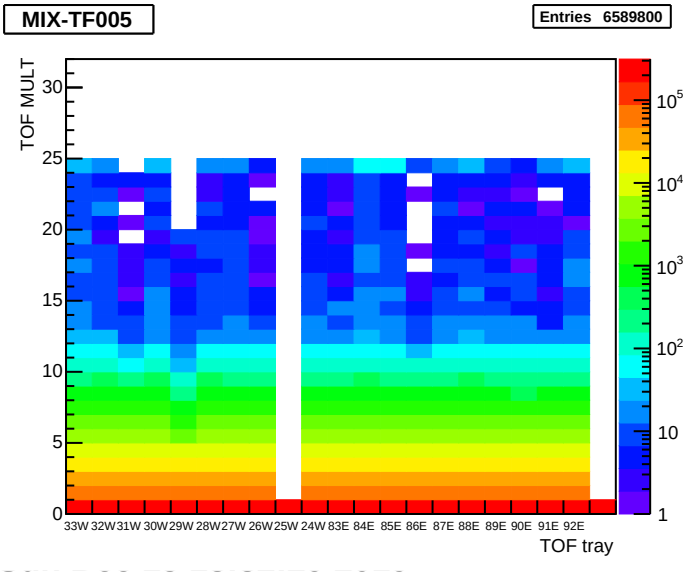

BunchId7Bit (TOFmult window)
Entries 12020

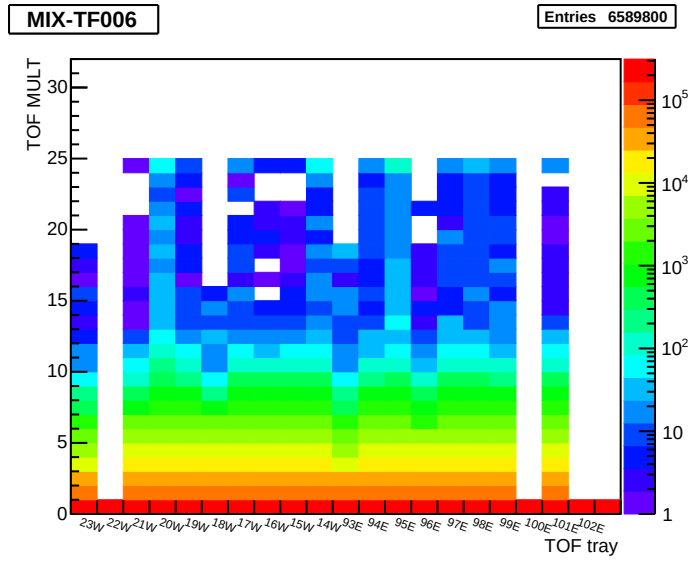

MIX-TF001
Entries 6589800
TOF MULT
TOF tray

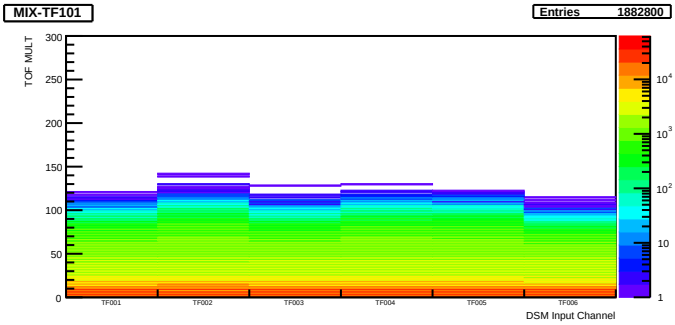

MIX-TF002
Entries 6589800
TOF MULT
TOF tray

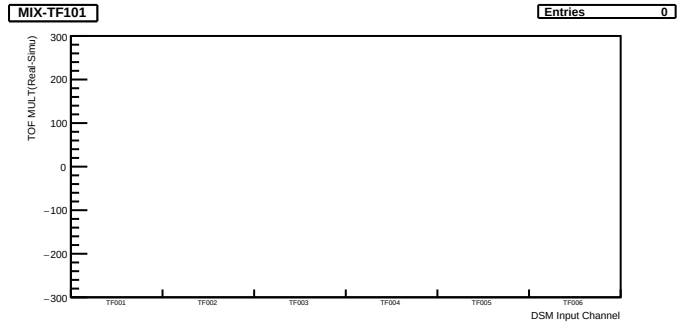

MIX-TF003
Entries 6589800
TOF MULT
TOF tray

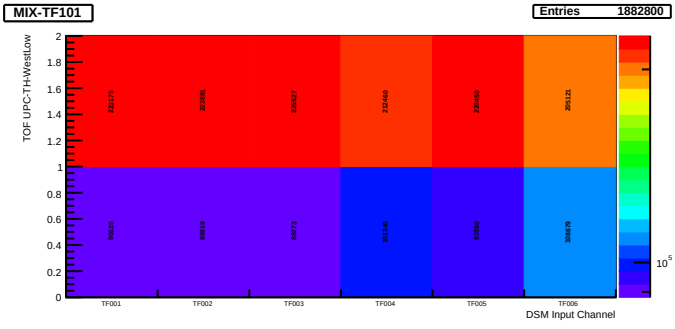

MIX-TF004
Entries 6589800
TOF MULT
TOF tray

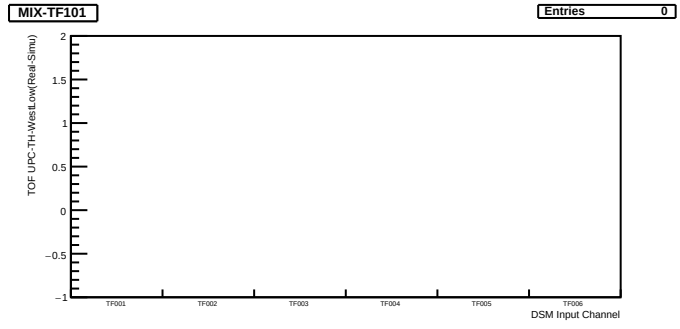

MIX-TF005
Entries 6589800
TOF MULT
TOF tray

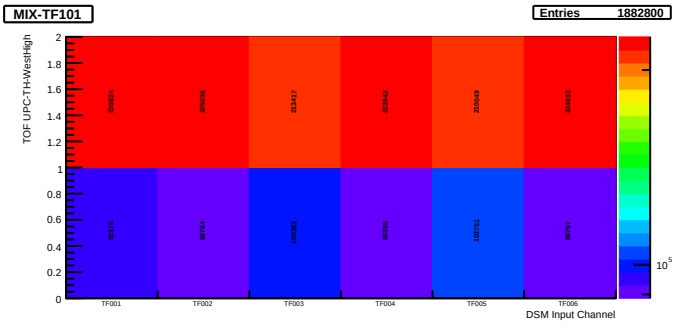

MIX-TF006
Entries 6589800
TOF MULT
TOF tray

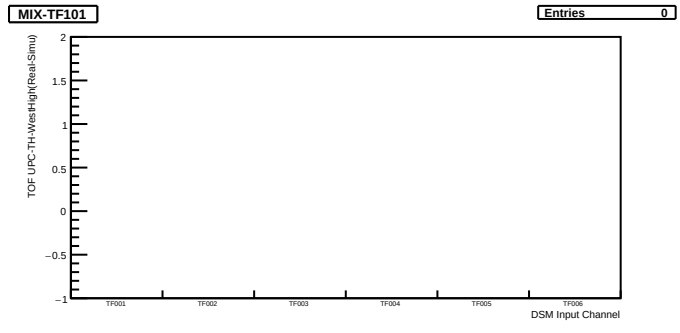

MIX-TF101
Entries 1882800
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

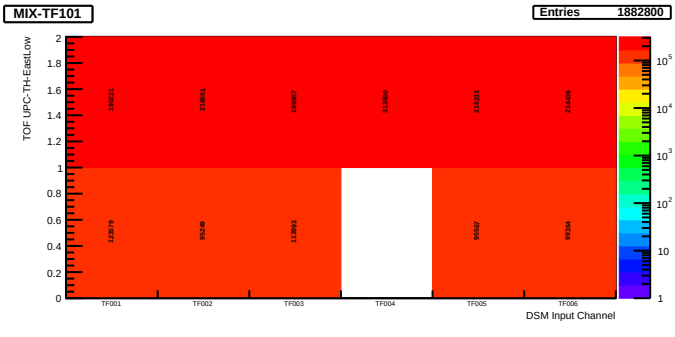

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

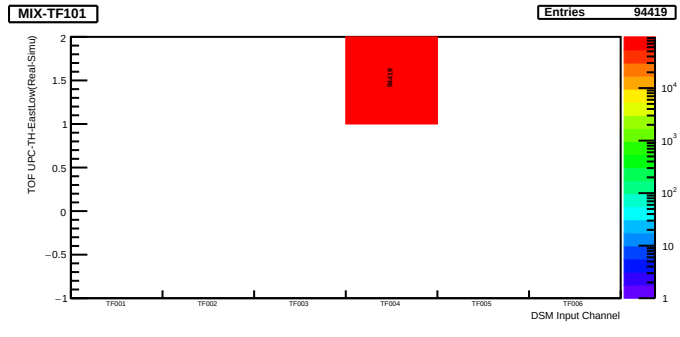

MIX-TF101
Entries 1882800
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

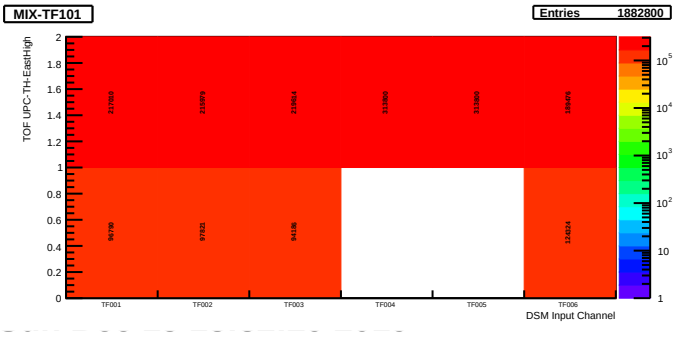

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

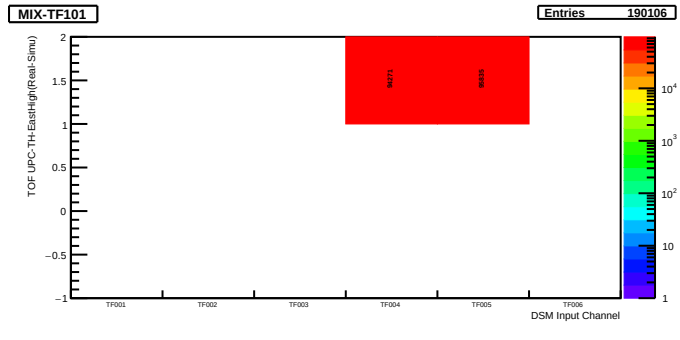

MIX-TF101
Entries 1882800
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

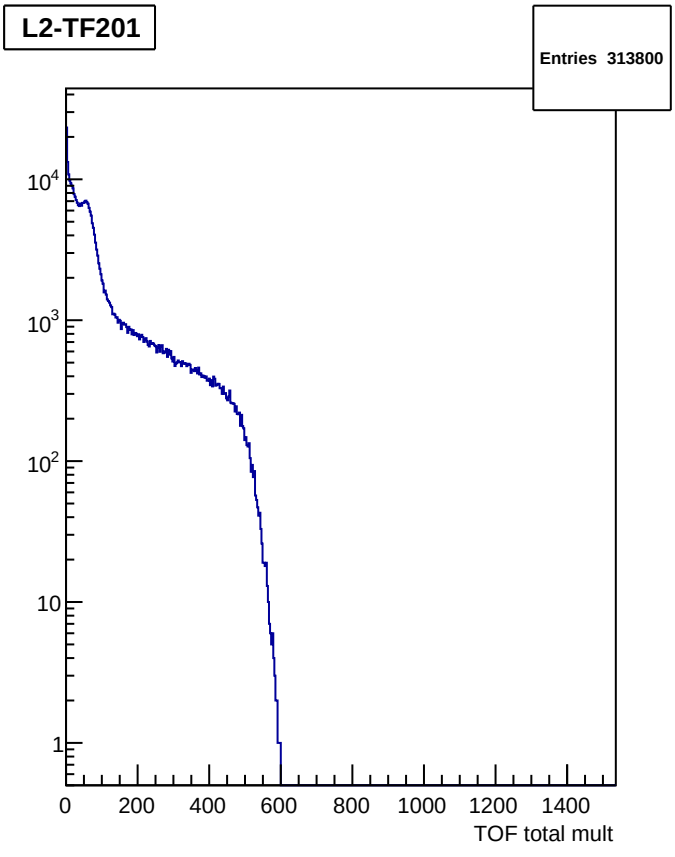

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

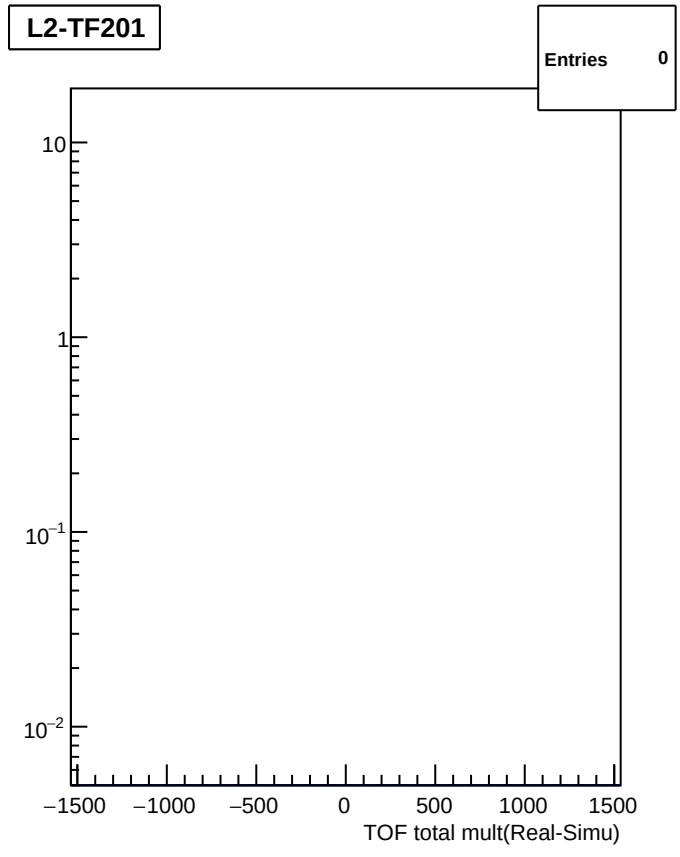

MIX-TF101
Entries 1882800
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

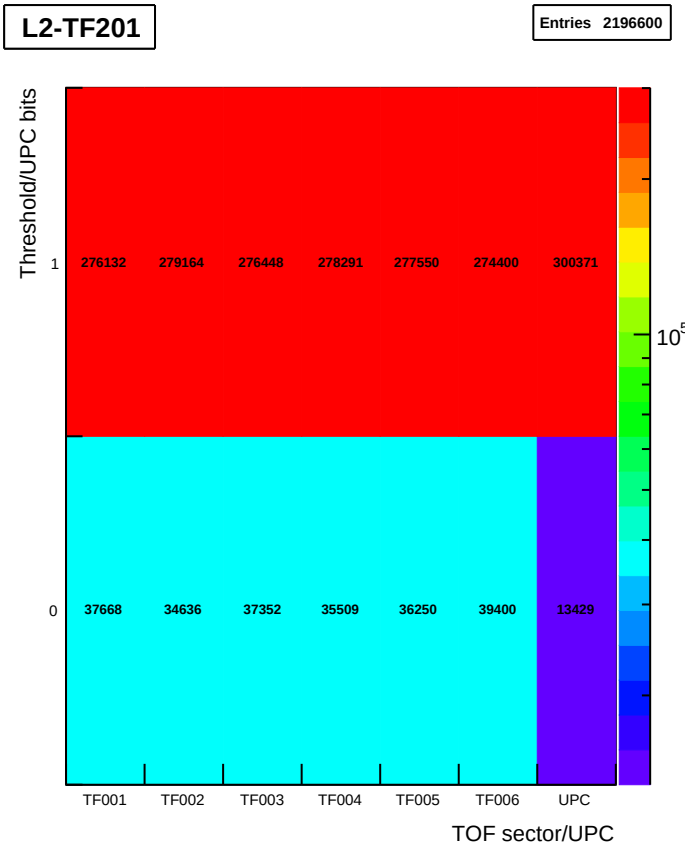

MIX-TF101
Entries 94419
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

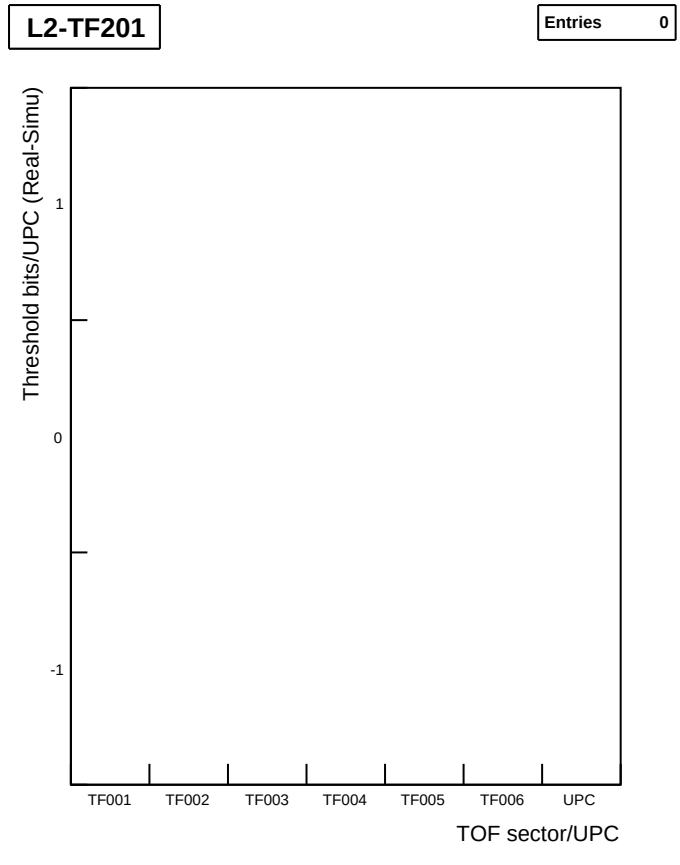

MIX-TF101
Entries 1882800
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

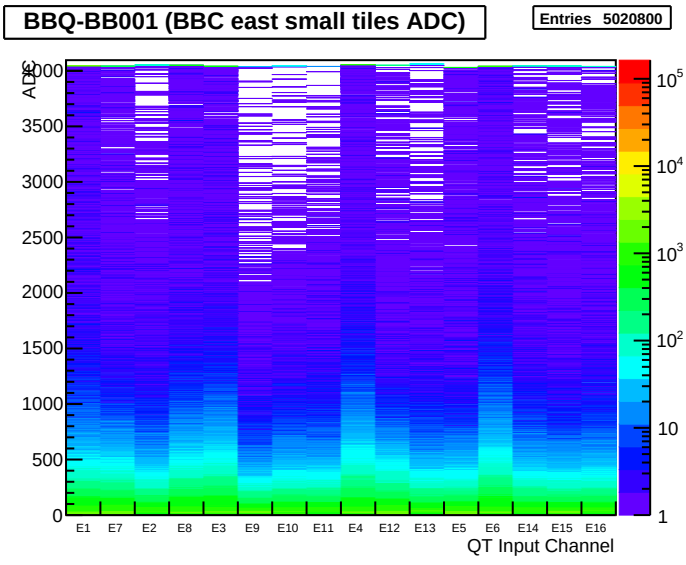

MIX-TF101
Entries 190106
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

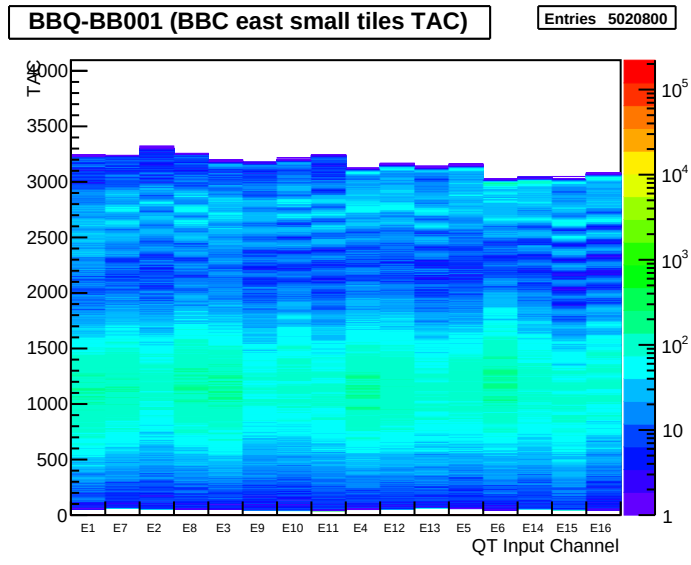

L2-TF201
Entries 313800
TOF total mult

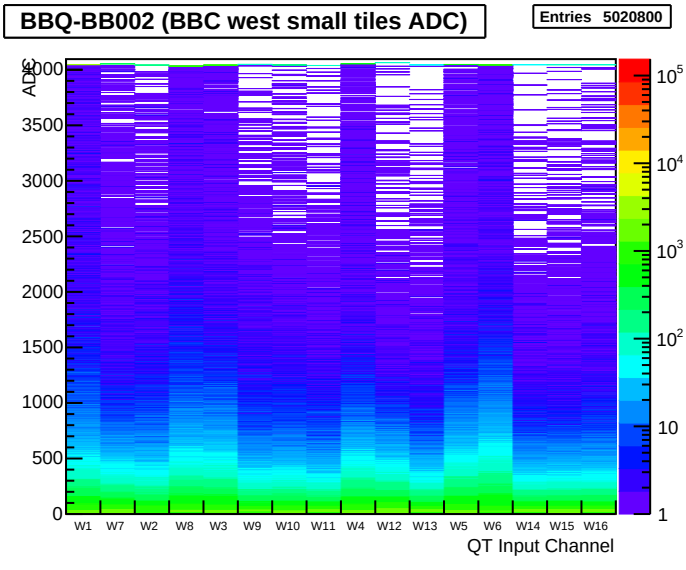

L2-TF201
Entries 0
TOF total mult(Real-Simu)

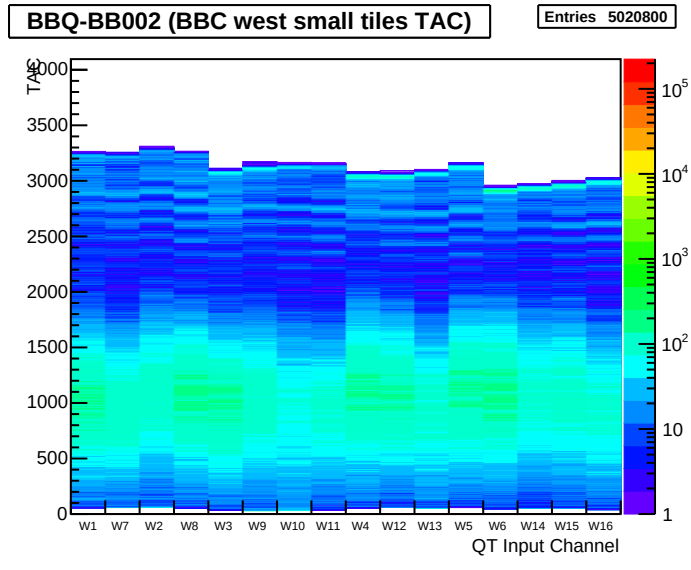

L2-TF201
Entries 2196600
Threshold/UPC bits
276132
279164
276448
278291
277550
274400
300371
37668
34636
37352
35509
36250
39400
13429
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

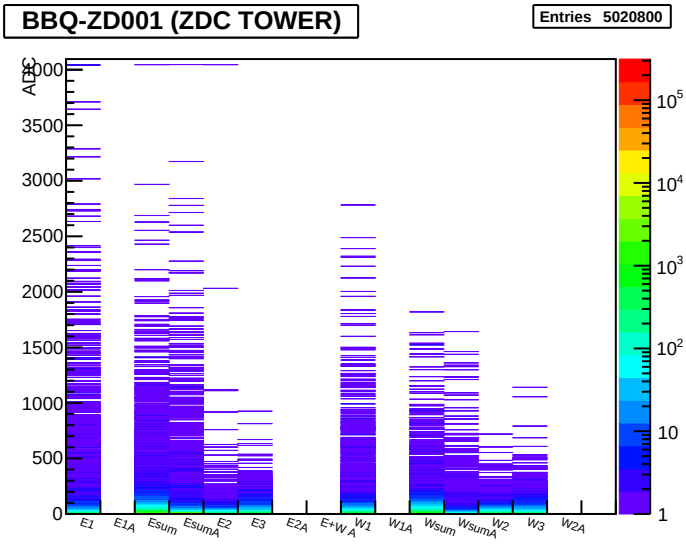

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

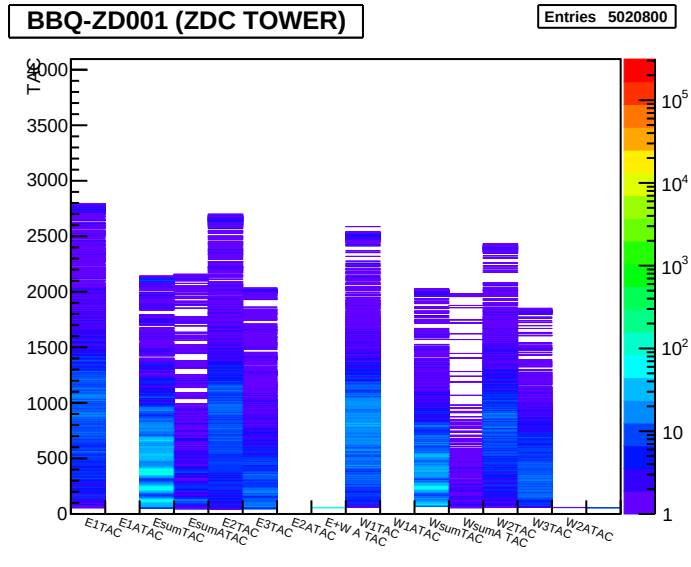

BBQ-BB001 (BBC east small tiles ADC)
Entries 5020800
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

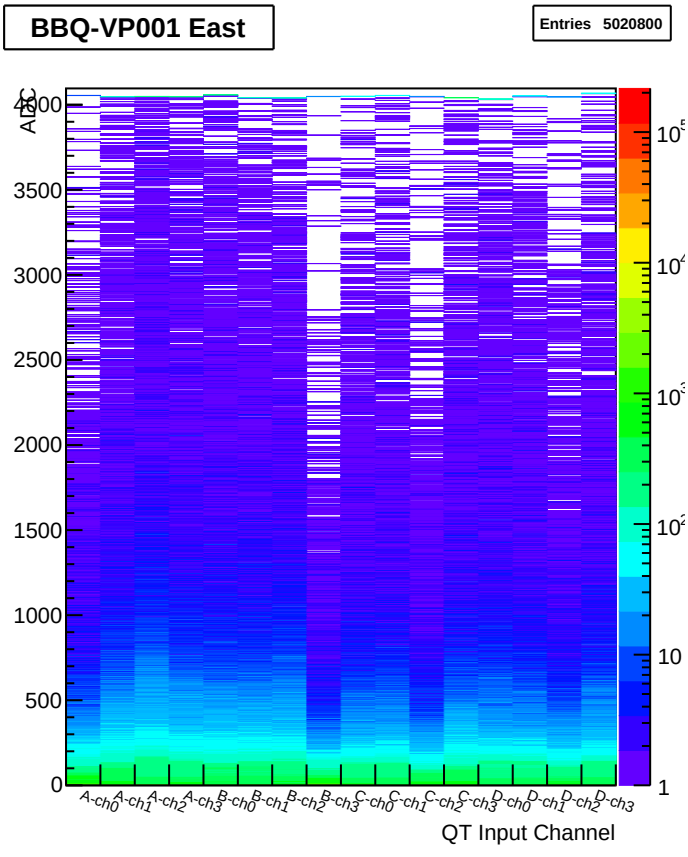

BBQ-BB001 (BBC east small tiles TAC)
Entries 5020800
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

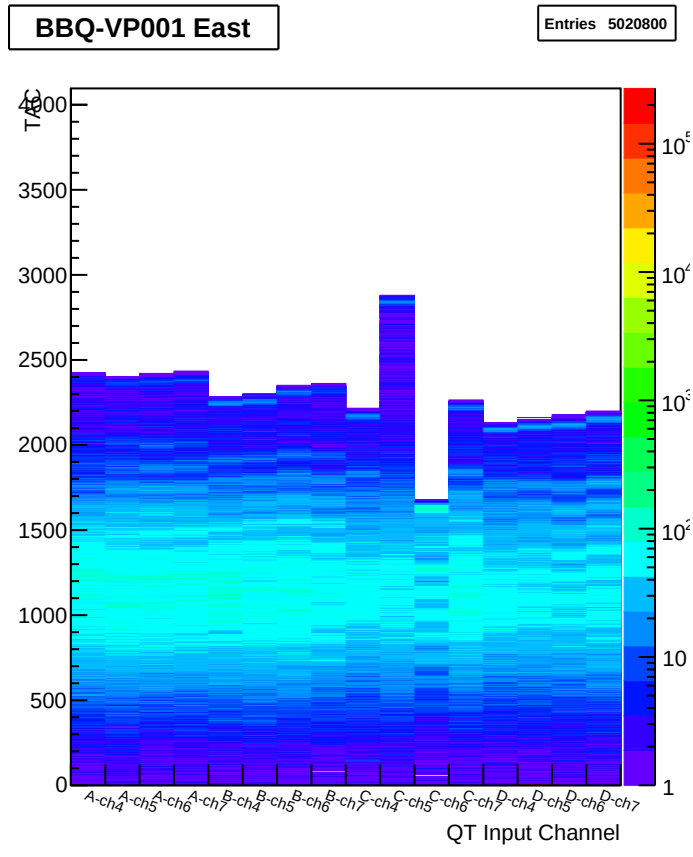

BBQ-BB002 (BBC west small tiles ADC)
Entries 5020800
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

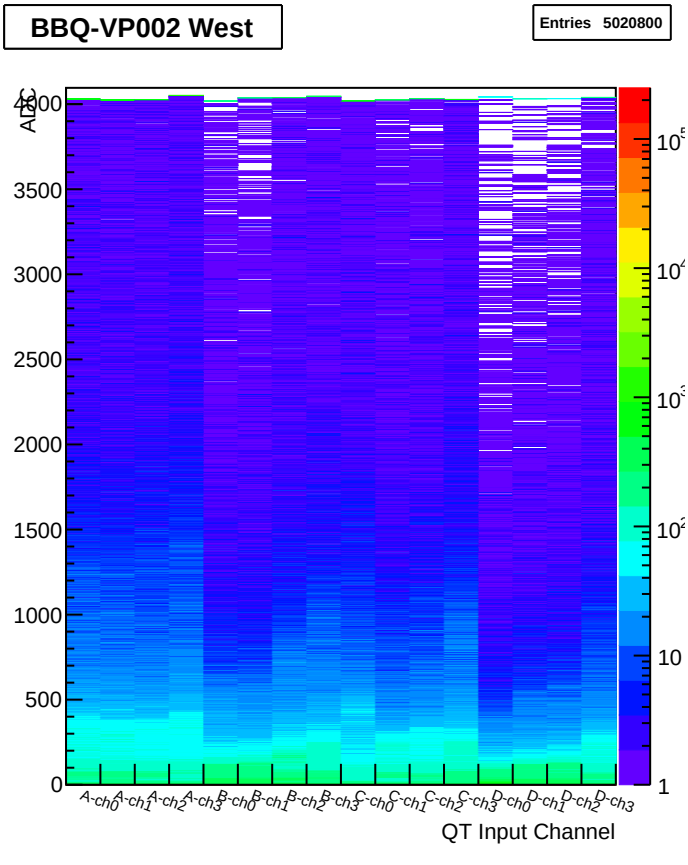

BBQ-BB002 (BBC west small tiles TAC)
Entries 5020800
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

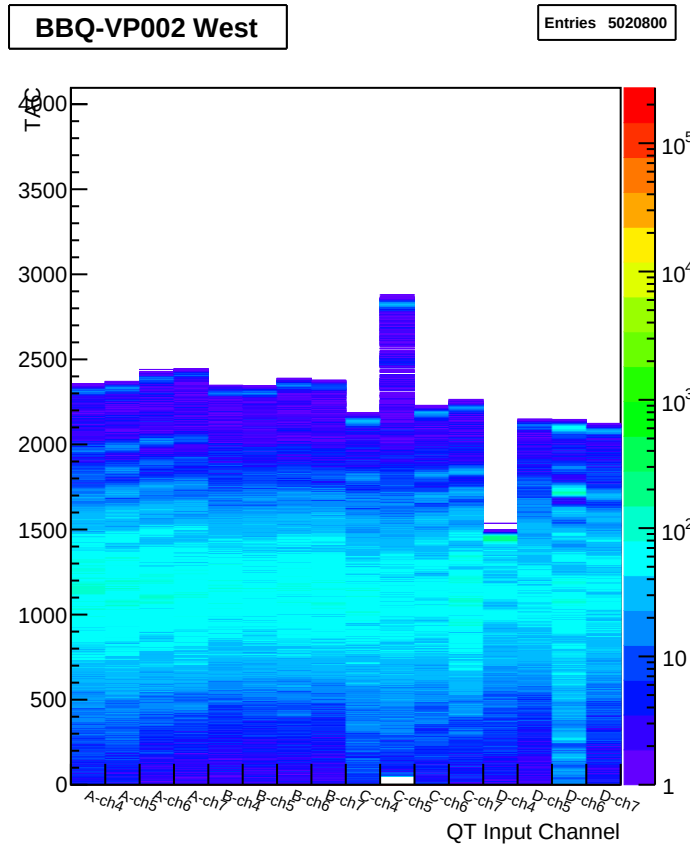

BBQ-ZD001 (ZDC TOWER)
Entries 5020800
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

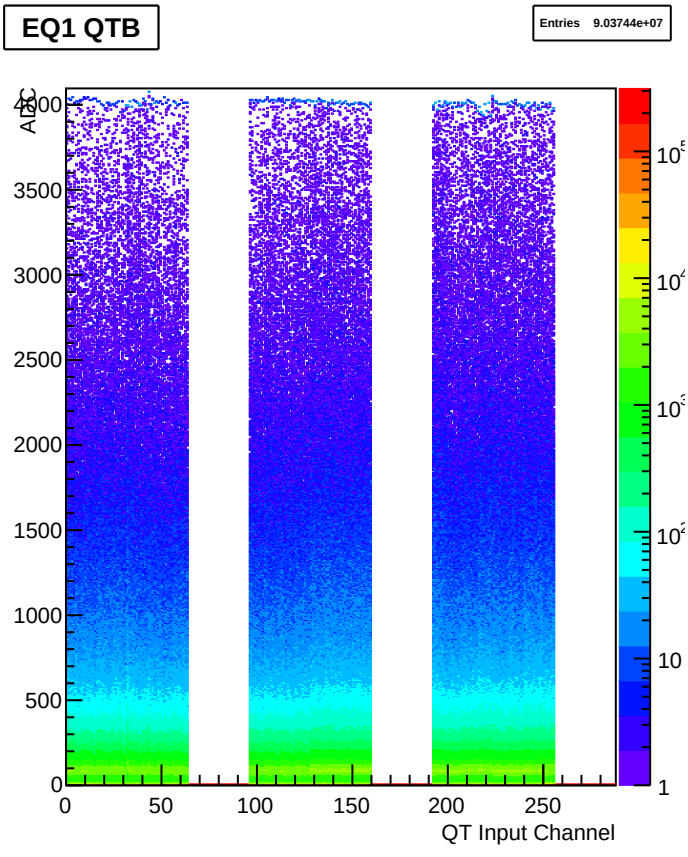

BBQ-ZD001 (ZDC TOWER)
Entries 5020800
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

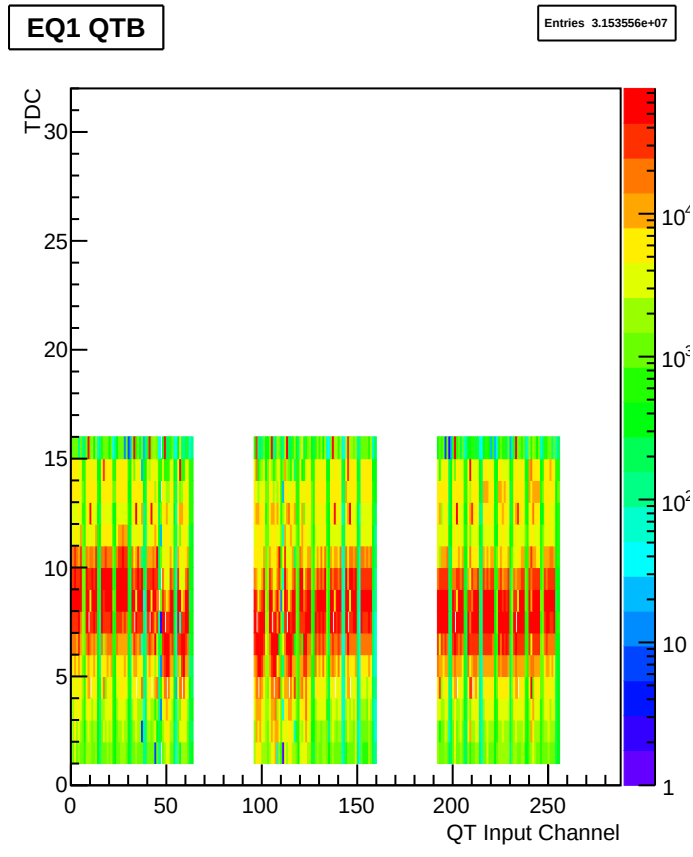

BBQ-VP001 East
Entries 5020800
ADC
QT Input Channel

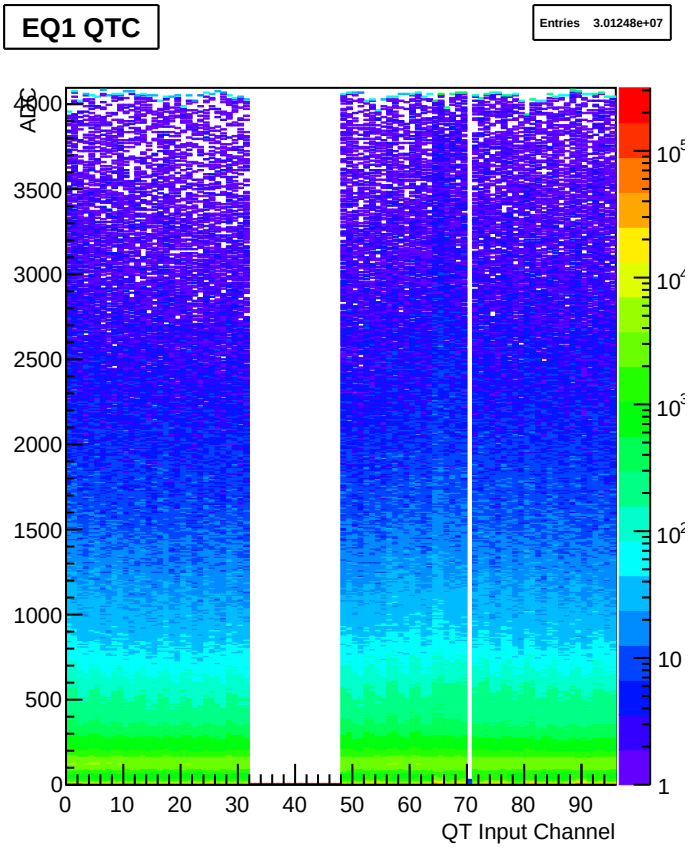

BBQ-VP001 East
Entries 5020800
TADC
QT Input Channel

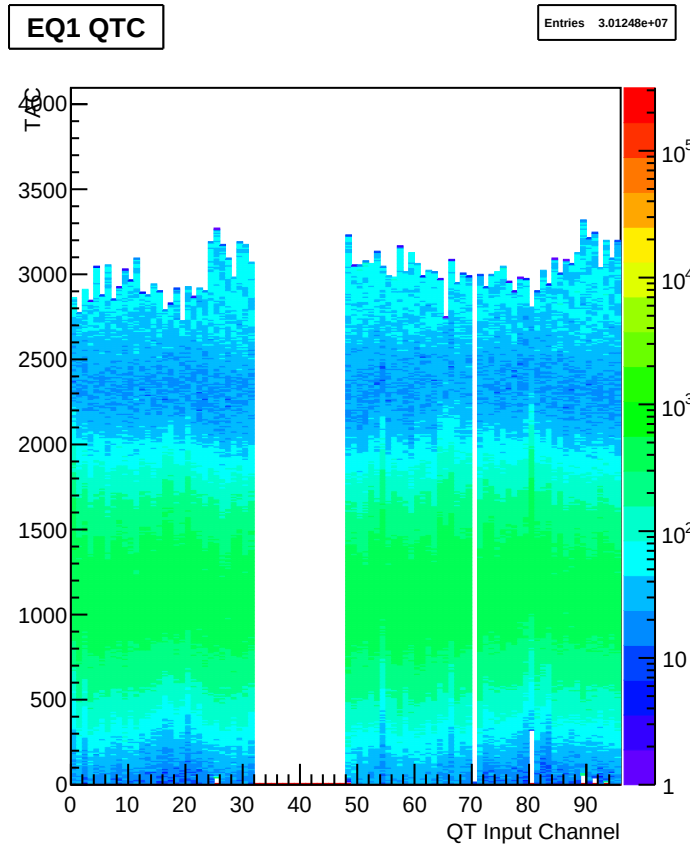

BBQ-VP002 West
Entries 5020800
ADC
QT Input Channel

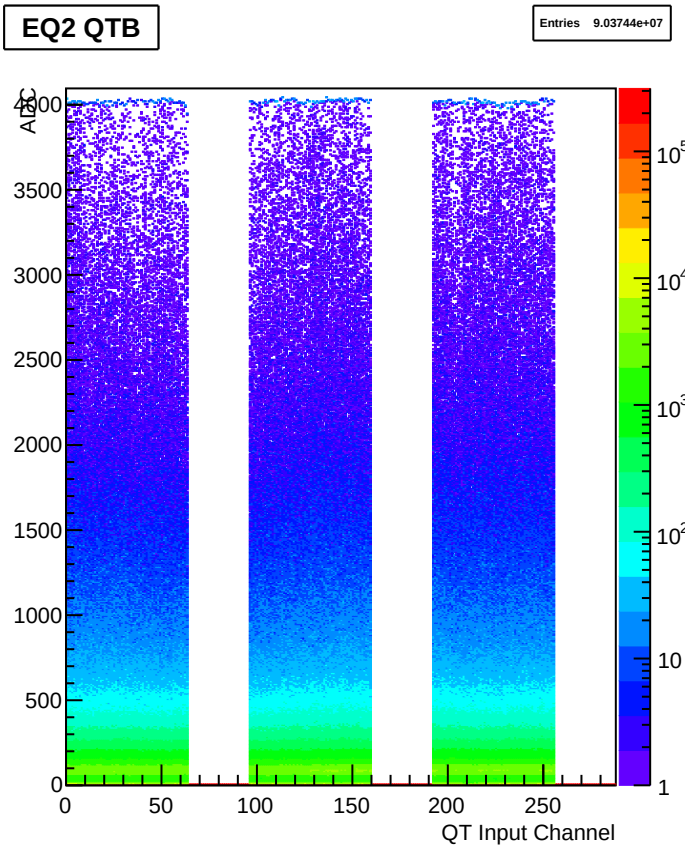

BBQ-VP002 West
Entries 5020800
TADC
QT Input Channel

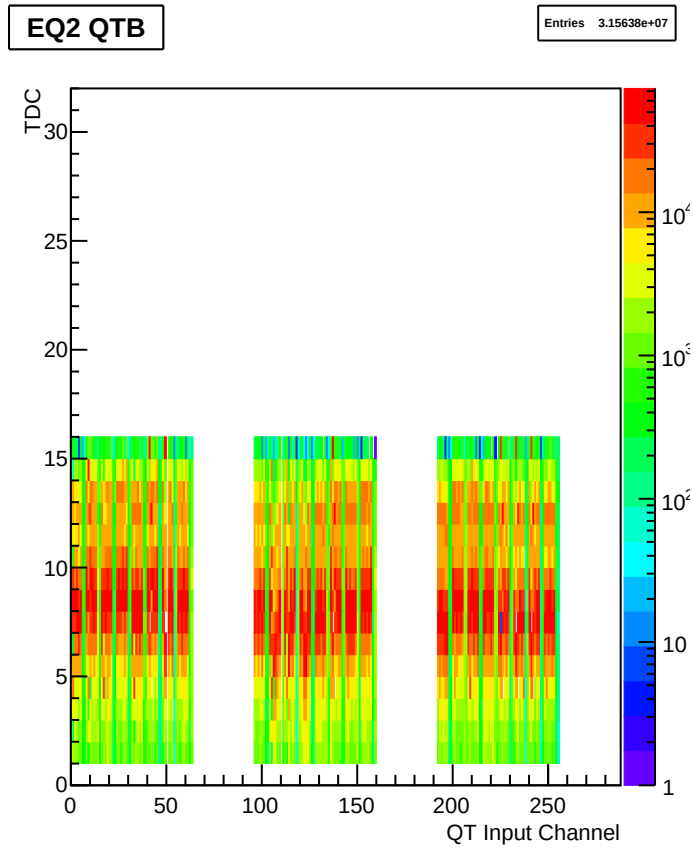

EQ1 QTB
Entries 9.03744e+07
ADC
QT Input Channel

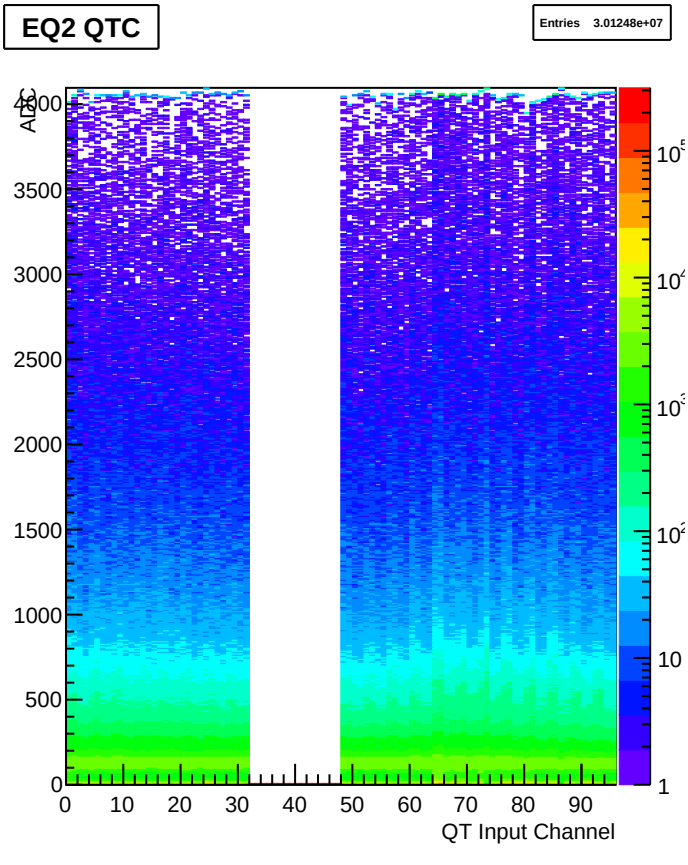

EQ1 QTB
Entries 3.153556e+07
TDC
QT Input Channel

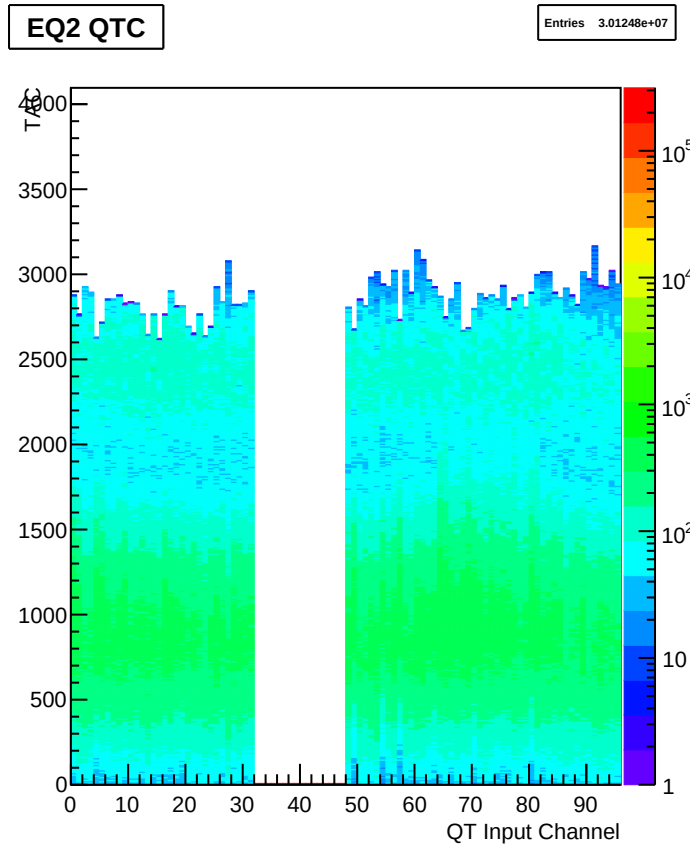

EQ1 QTC
Entries 3.01248e+07
ADC
QT Input Channel

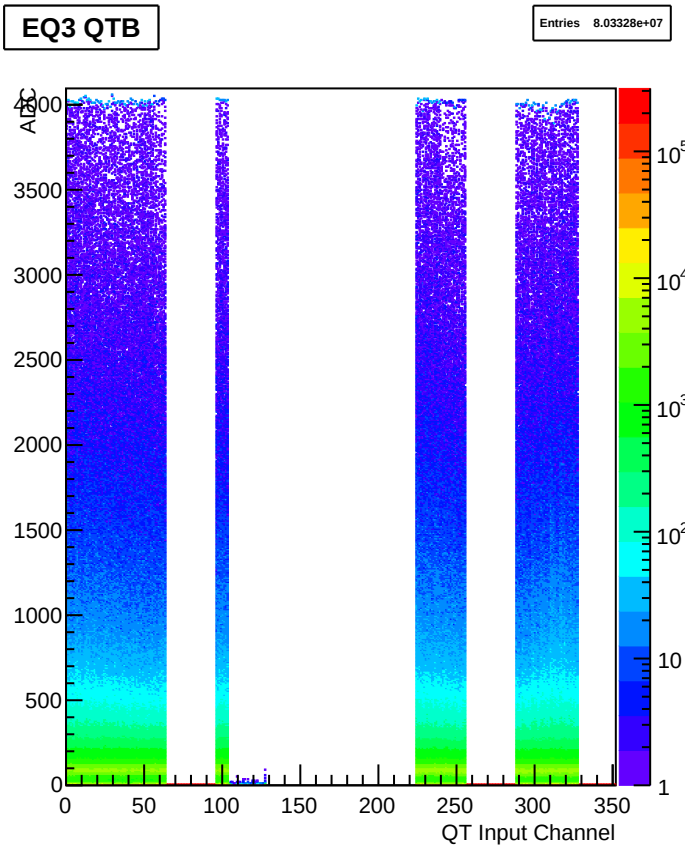

EQ1 QTC
Entries 3.01248e+07
TADC
QT Input Channel

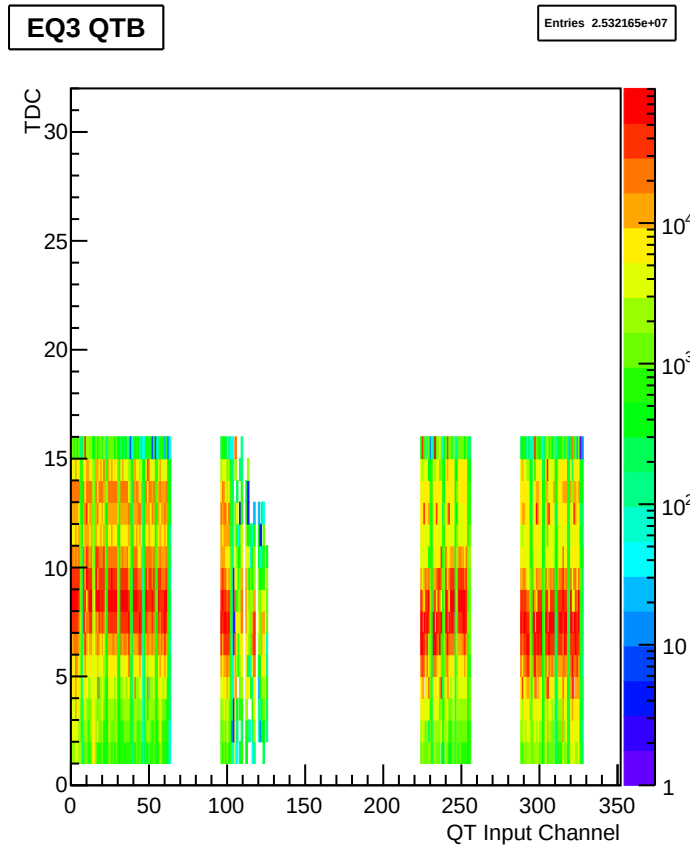

EQ2 QTB
Entries 9.03744e+07
ADC
QT Input Channel

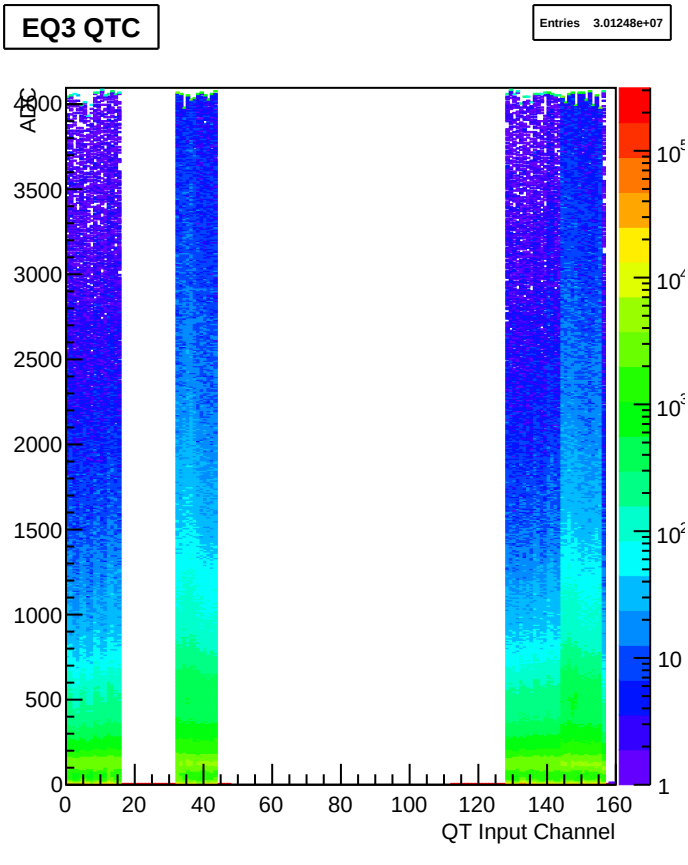

EQ2 QTB
Entries 3.15638e+07
TDC
QT Input Channel

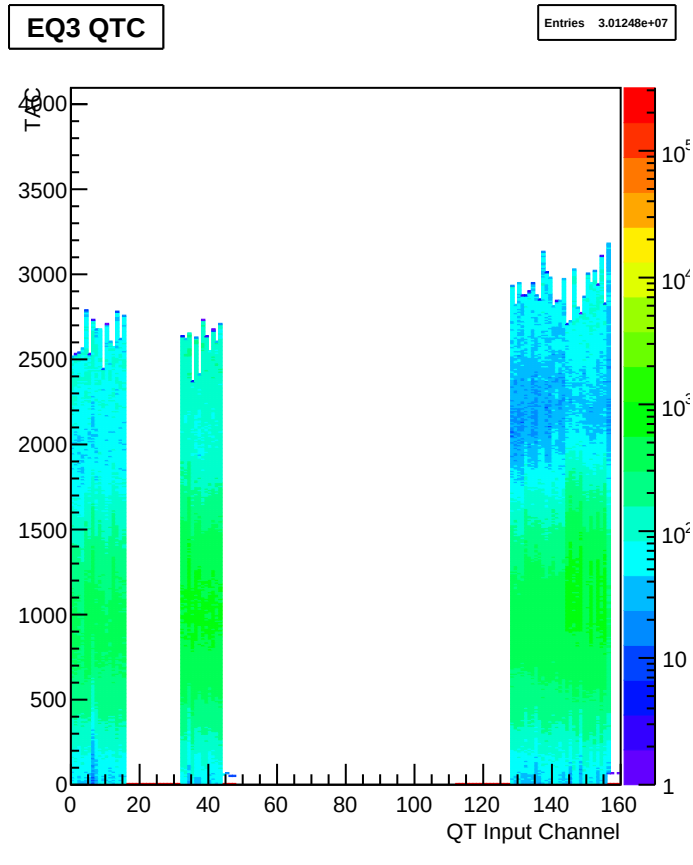

EQ2 QTC
Entries 3.01248e+07
ADC
QT Input Channel

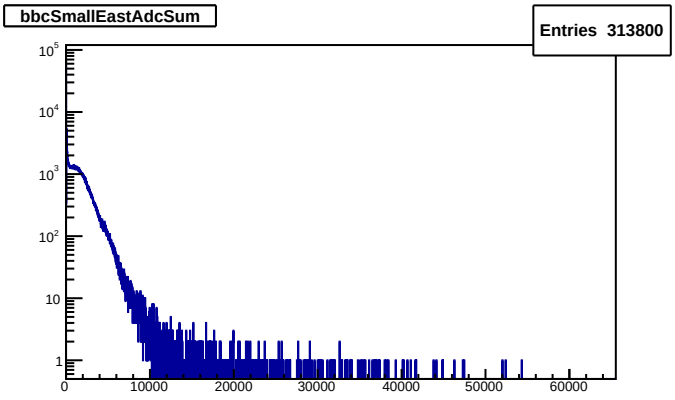

EQ2 QTC
Entries 3.01248e+07
TADC
QT Input Channel

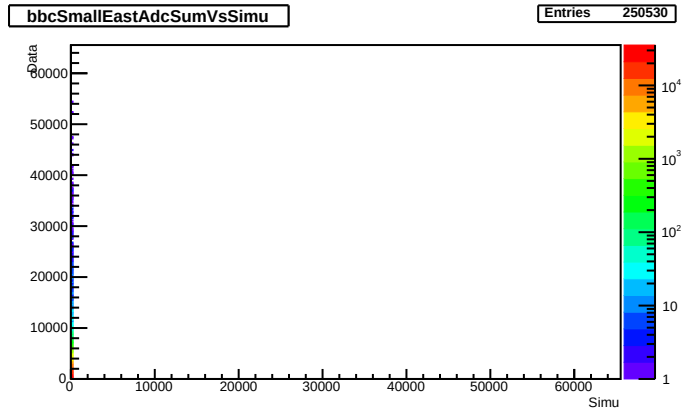

EQ3 QTB
Entries 8.03328e+07
ADC
QT Input Channel

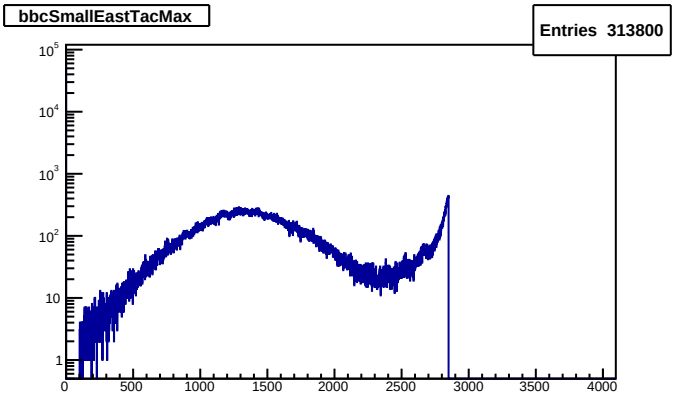

EQ3 QTB
Entries 2.532165e+07
TDC
QT Input Channel

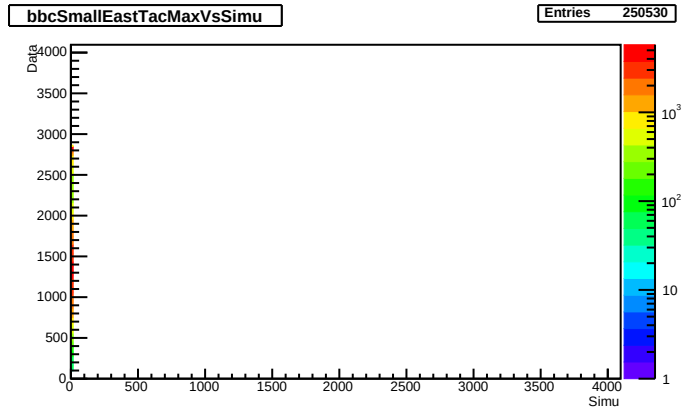

EQ3 QTC
Entries 3.01248e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.01248e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 313800


bbcSmallEastAdcSumVsSimu
Entries 250530
Data
Simu


bbcSmallEastTacMax
Entries 313800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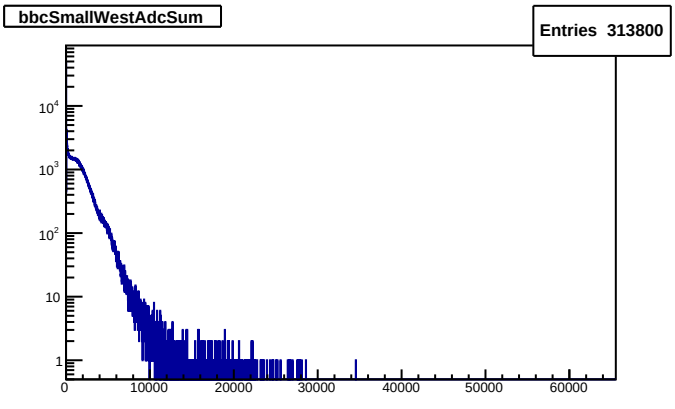
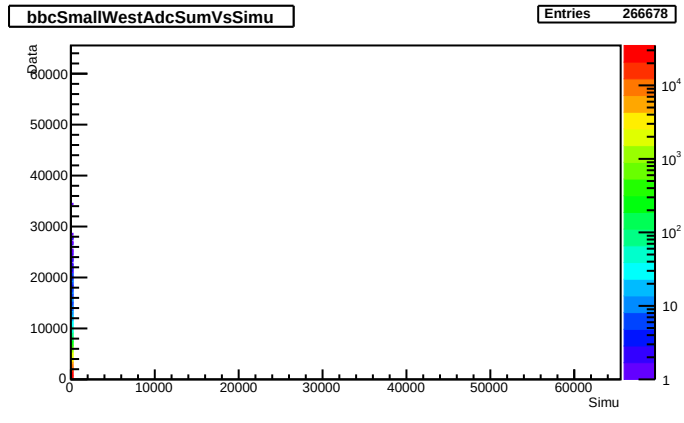
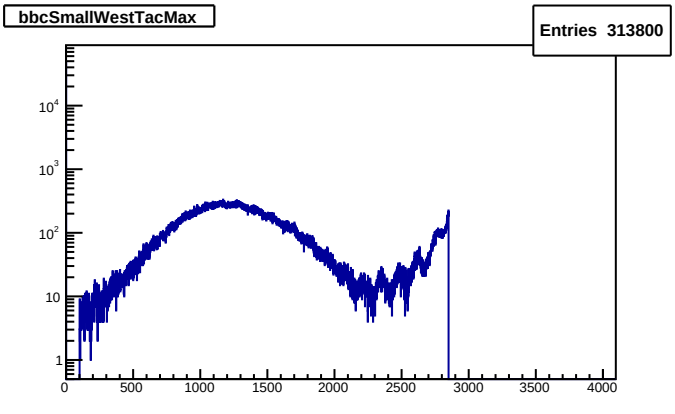
Entries 250530
Data
Simu


bbcSmallWestAdcSum
Entries 313800


bbcSmallWestAdcSumVsSimu
Entries 266678
Data
Simu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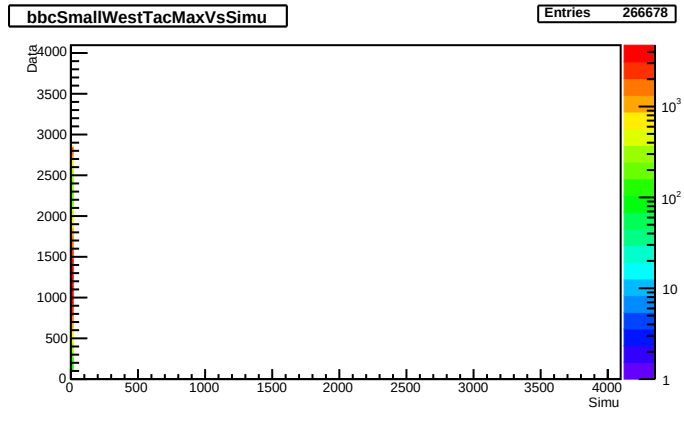
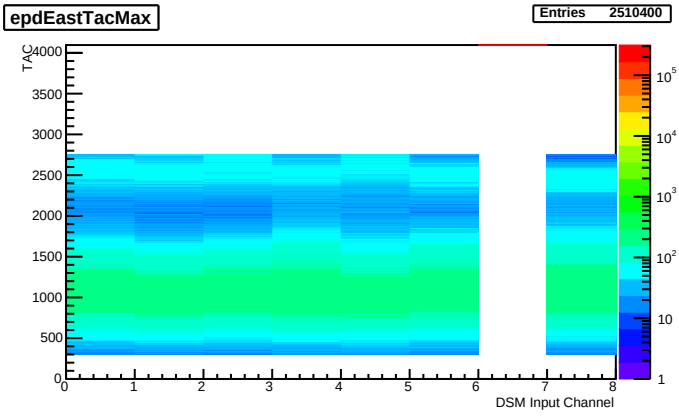
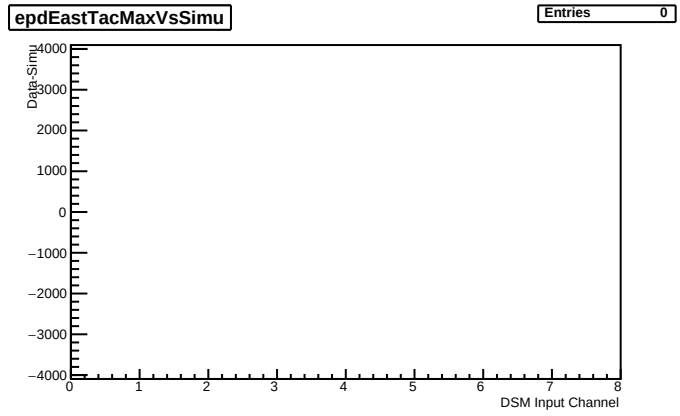
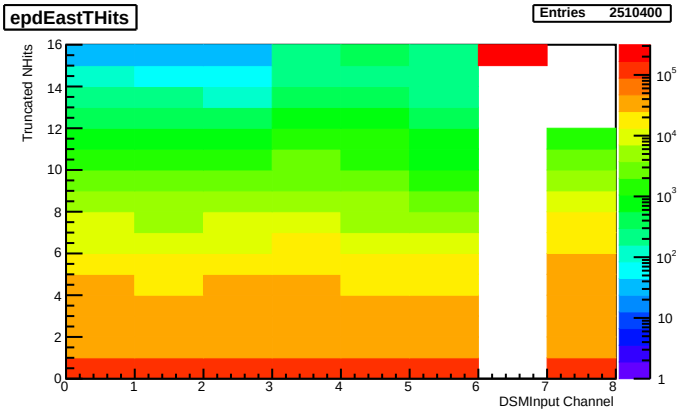
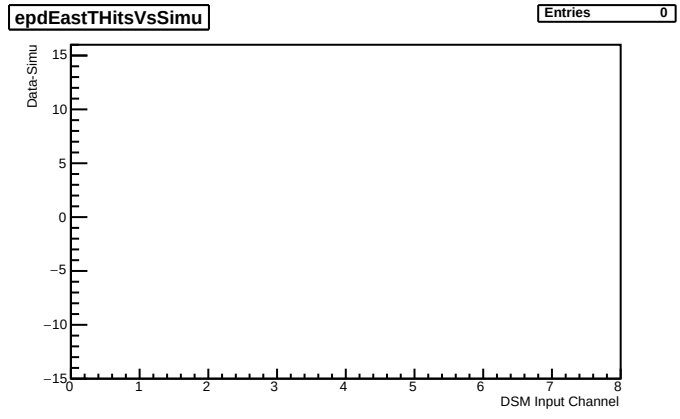
Entries 313800

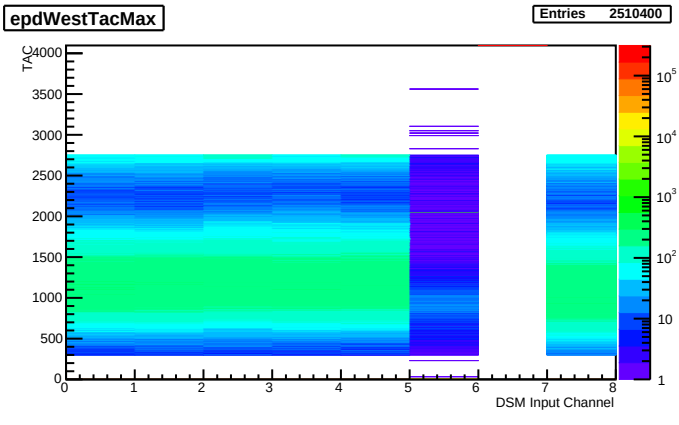

bbcSmallWestTacMaxVsSimu
Entries 266678
Data
Simu

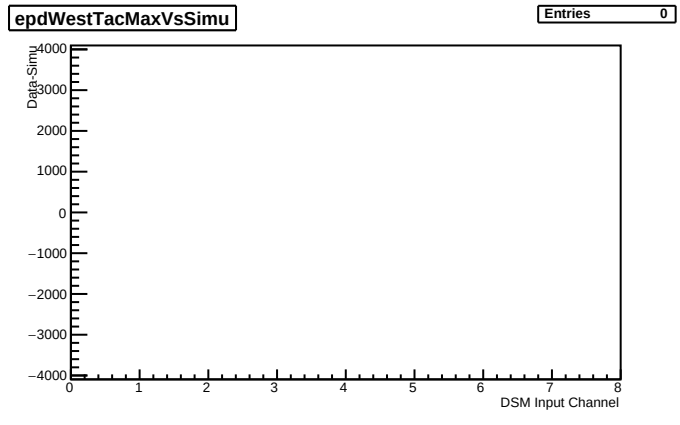

epdEastTacMax
Entries 2510400
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2510400
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2510400
TAC
DSM Input Channel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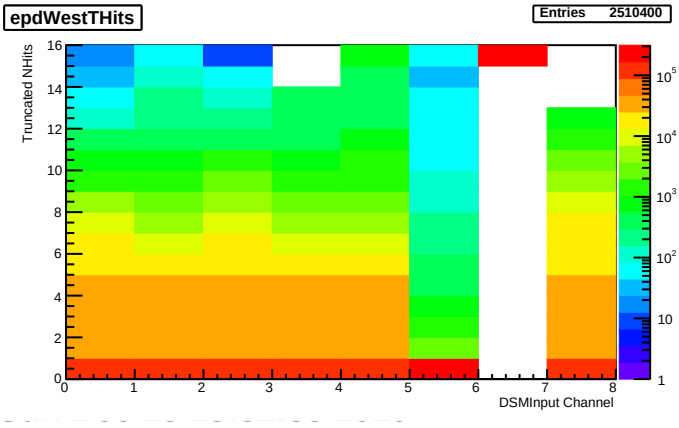
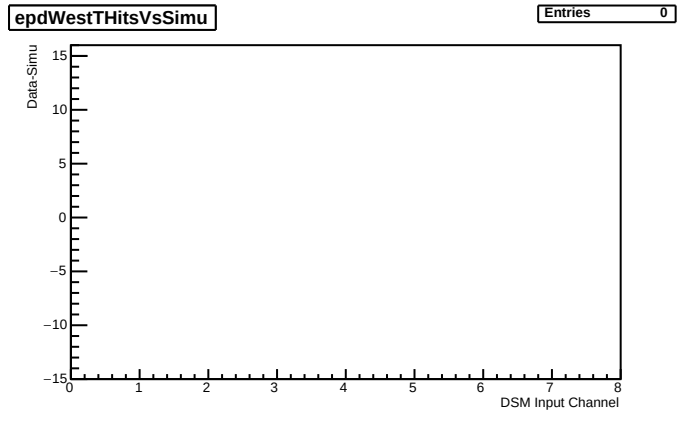
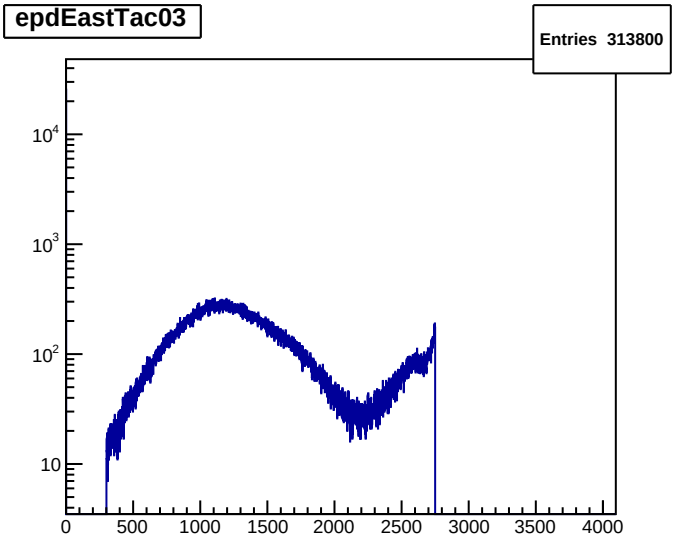
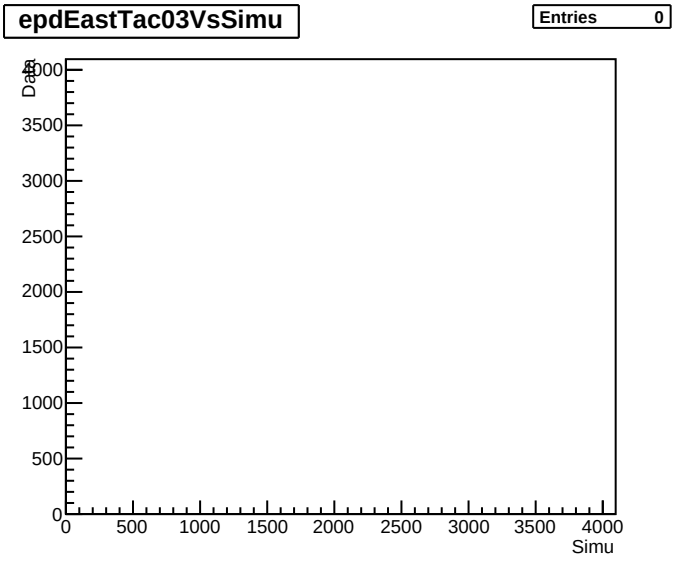
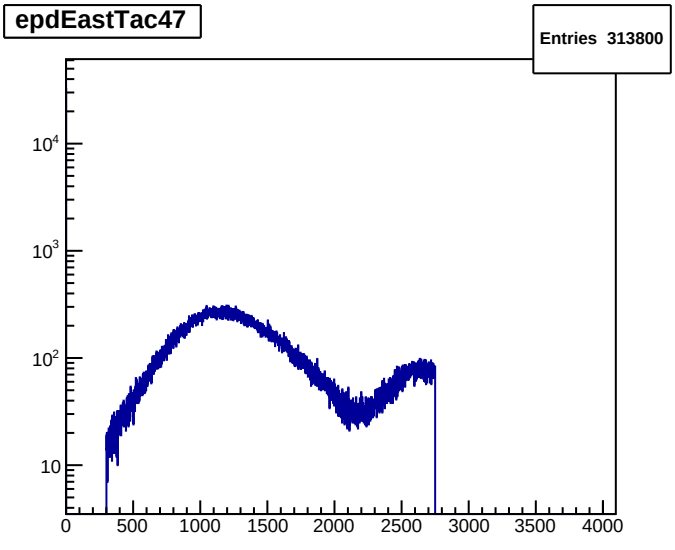
Entries 0
Data-Simu
DSM Input Channel

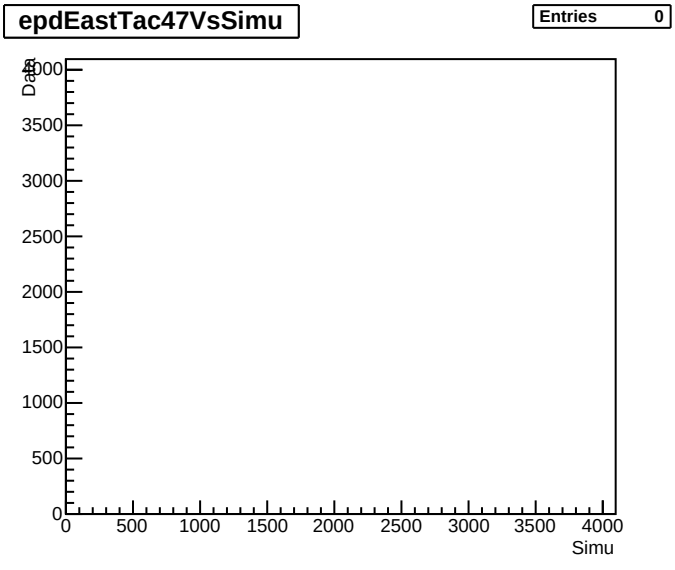

epdWestTHits
Entries 2510400
Truncated NHits
DSMInput Channel

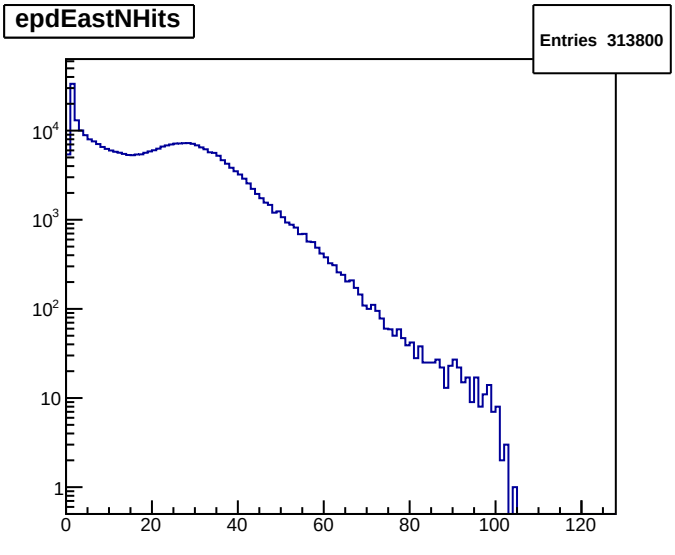

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

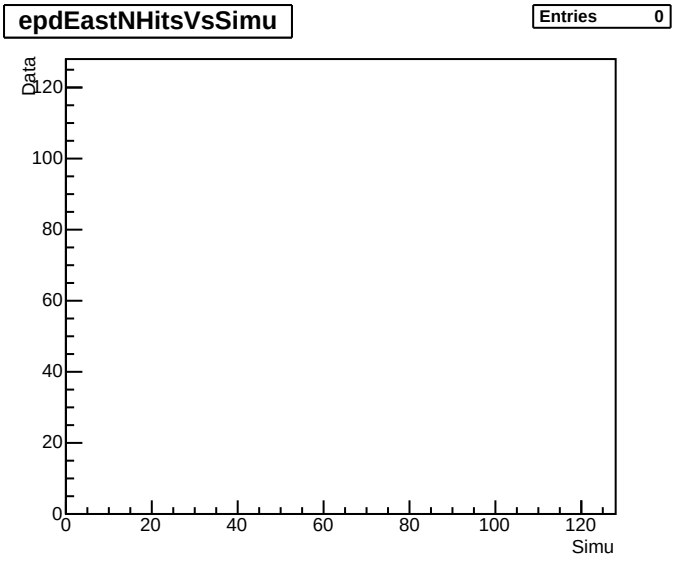

epdEastTac03
Entries 313800


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 313800


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 313800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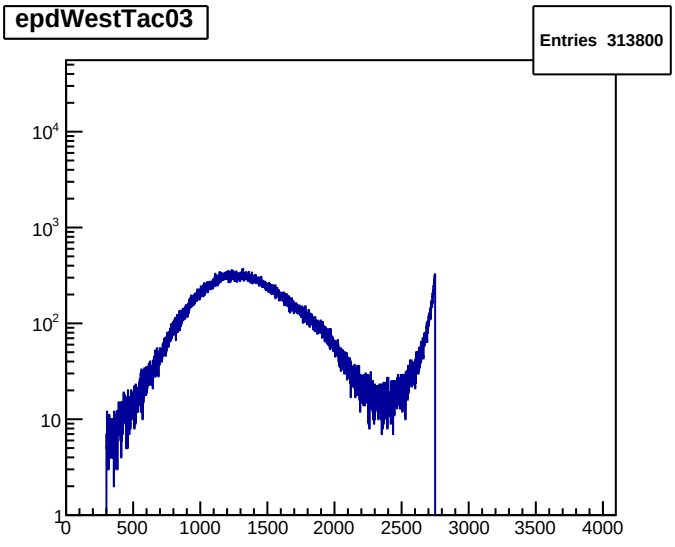
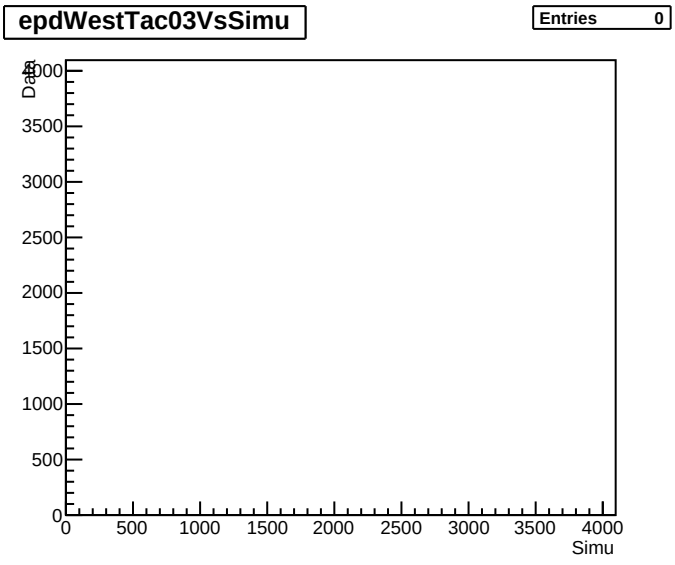
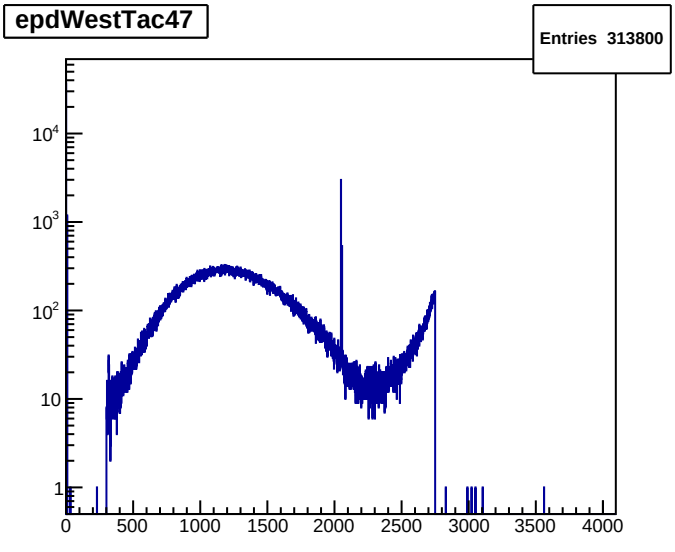
Entries 0
Data
Simu


epdWestTac03
Entries 313800


epdWestTac03VsSimu
Entries 0
Data
Simu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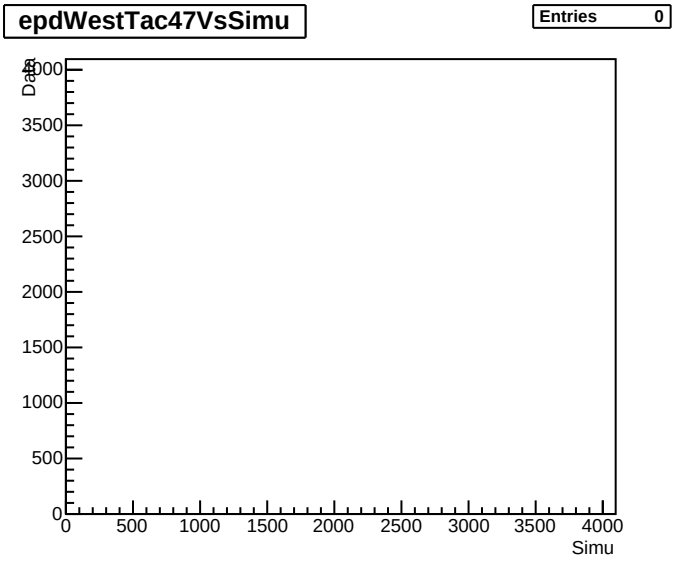
Entries 313800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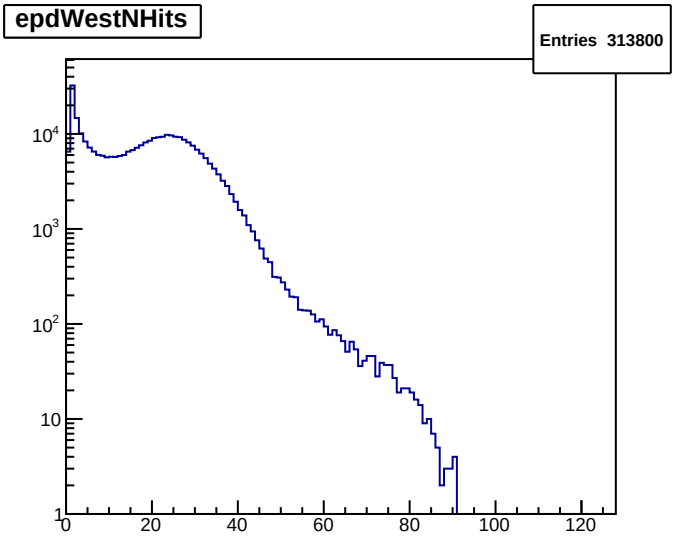
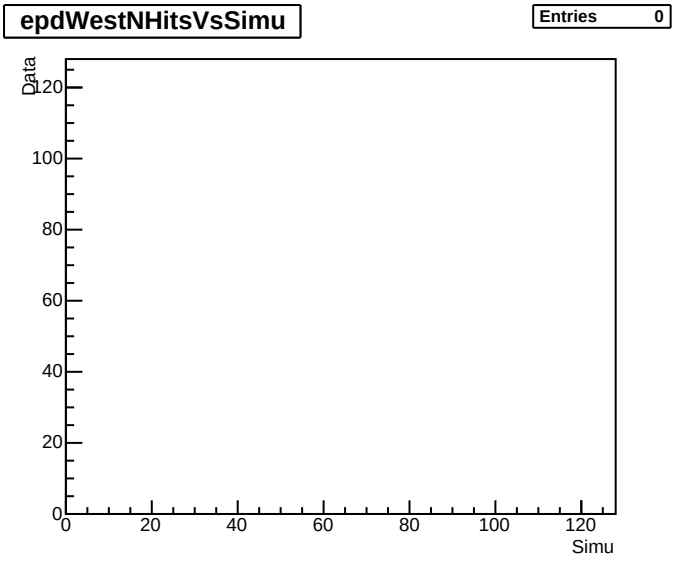
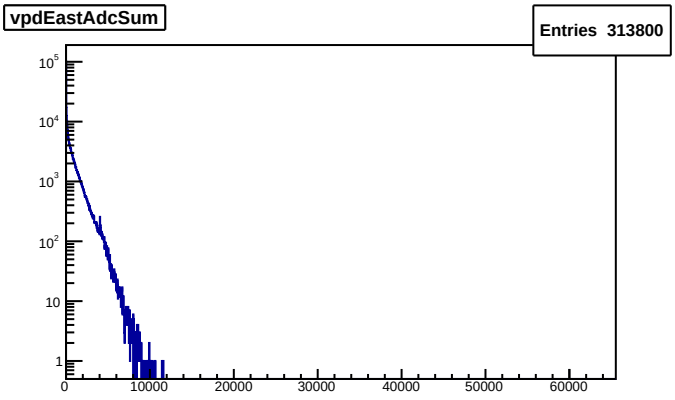
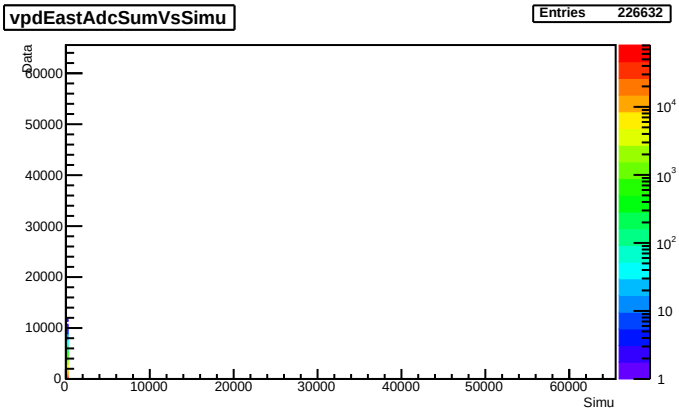
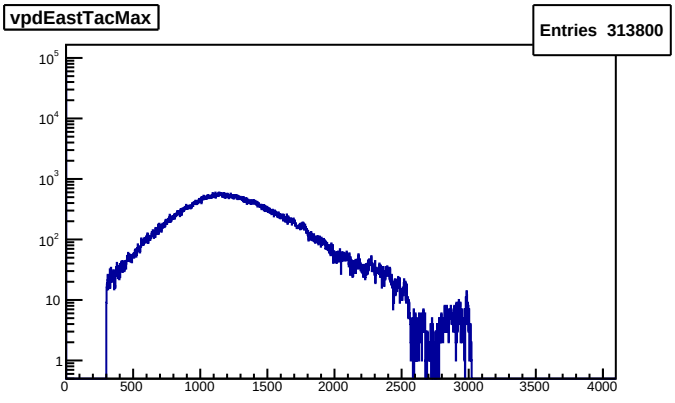
Entries 0
Data
Simu

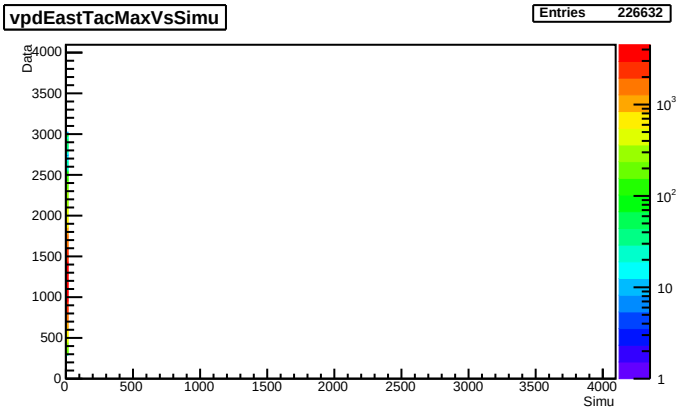

epdWestNHits
Entries 313800

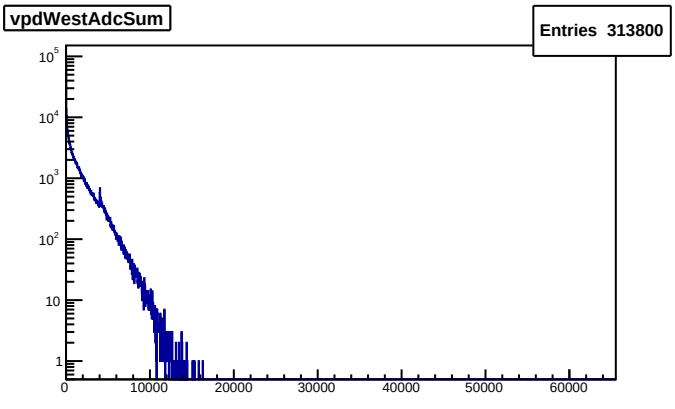

epdWestNHitsVsSimu
Entries 0
Data
Simu

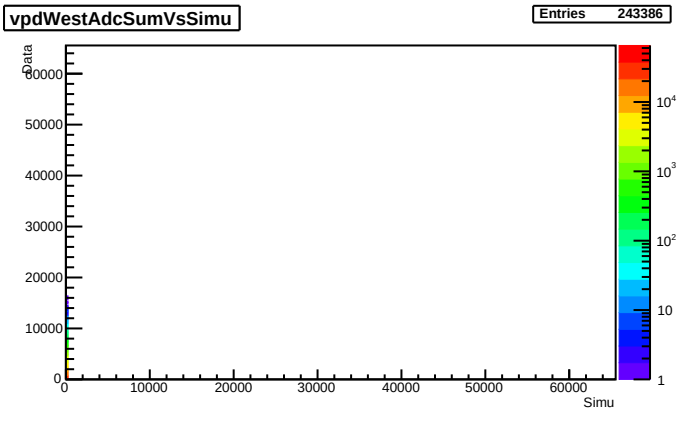

vpdEastAdcSum
Entries 313800

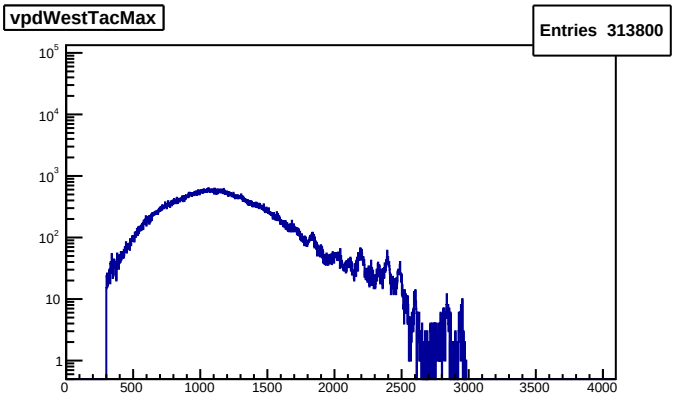

vpdEastAdcSumVsSimu
Entries 226632
Data
Simu

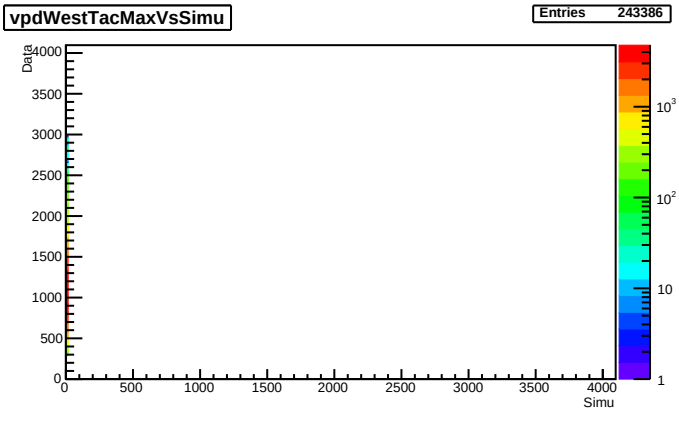

vpdEastTacMax
Entries 313800

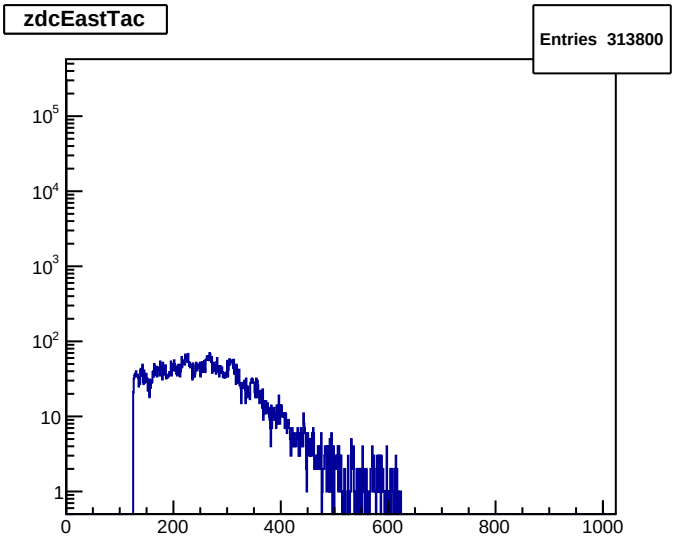

vpdEastTacMaxVsSimu
Entries 226632
Data
Simu

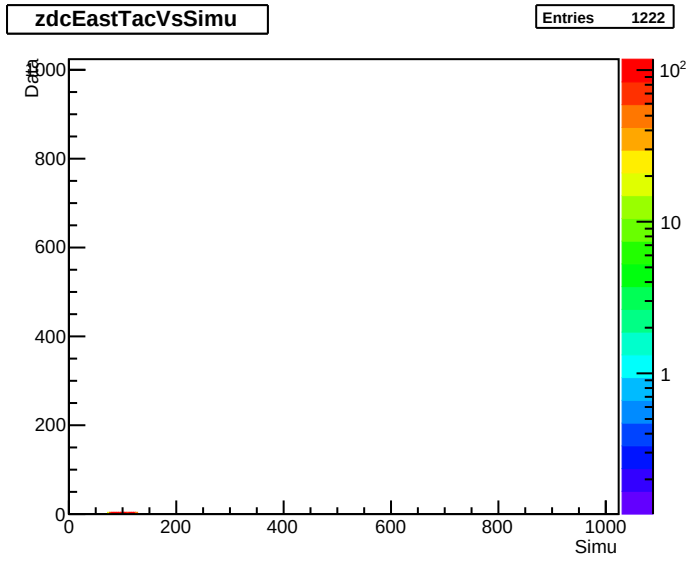

vpdWestAdcSum
Entries 313800

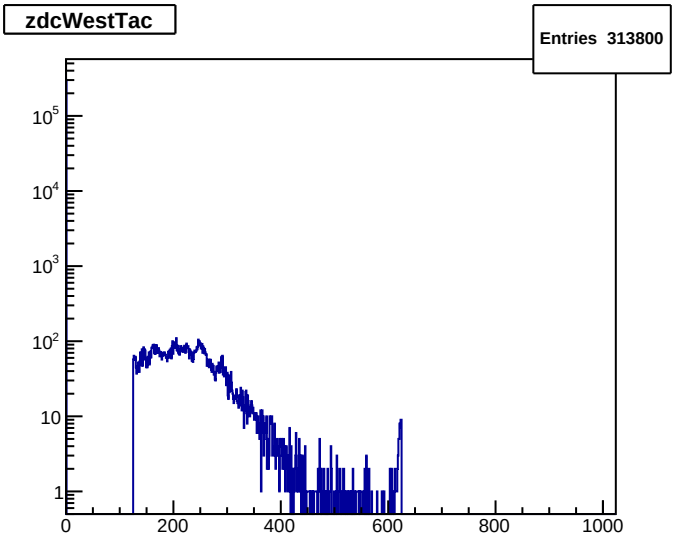

vpdWestAdcSumVsSimu
Entries 243386
Data
Simu

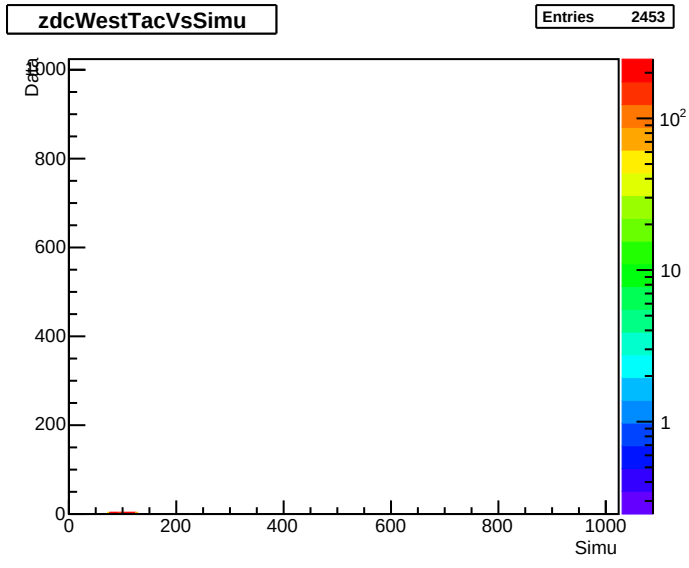

vpdWestTacMax
Entries 313800

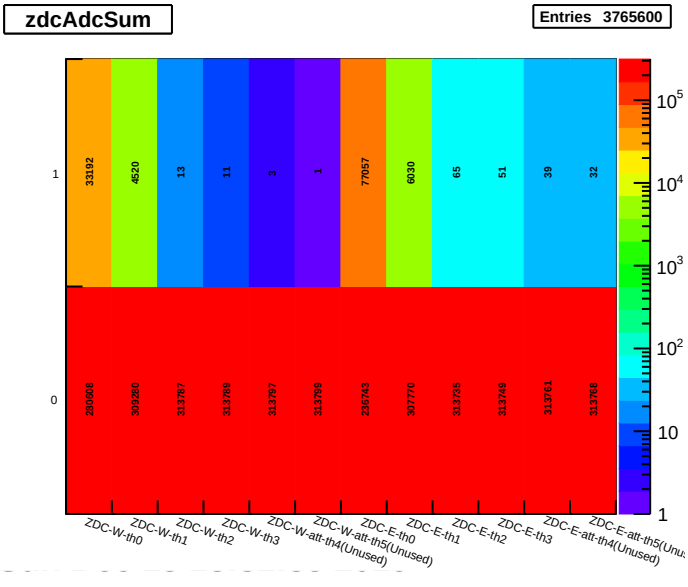

vpdWestTacMaxVsSimu
Entries 243386
Data
Simu

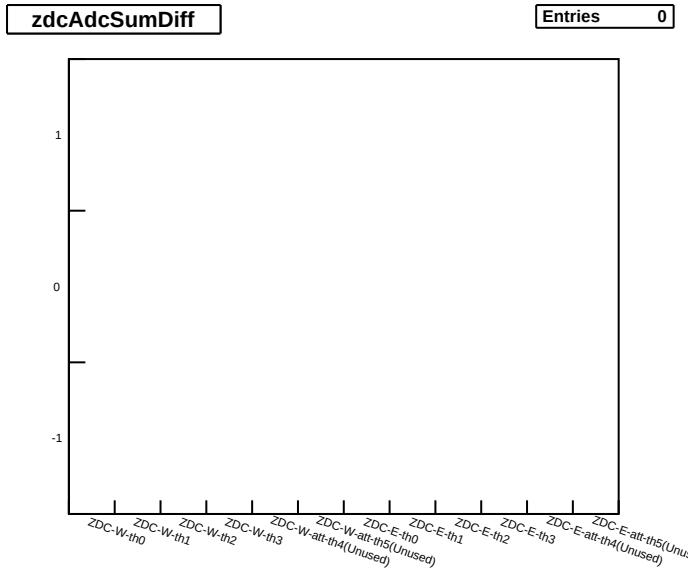

zdcEastTac
Entries 313800

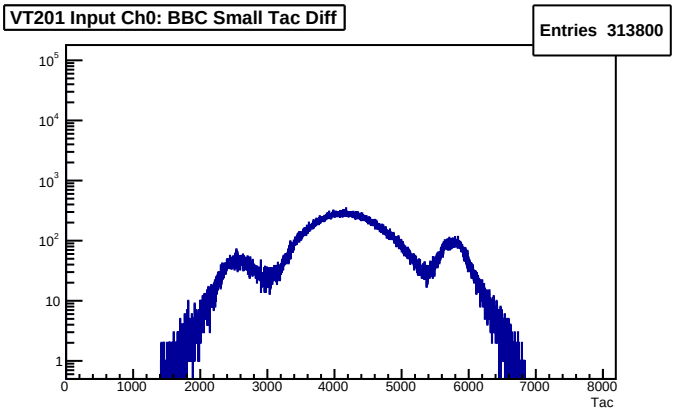

zdcEastTacVsSimu
Entries 1222
Data
Simu

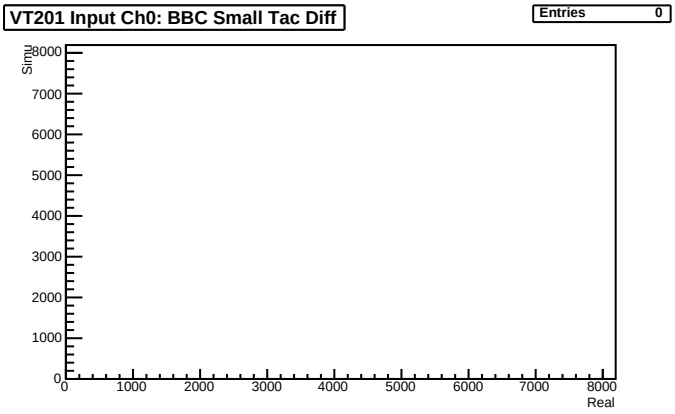

zdcWestTac
Entries 313800

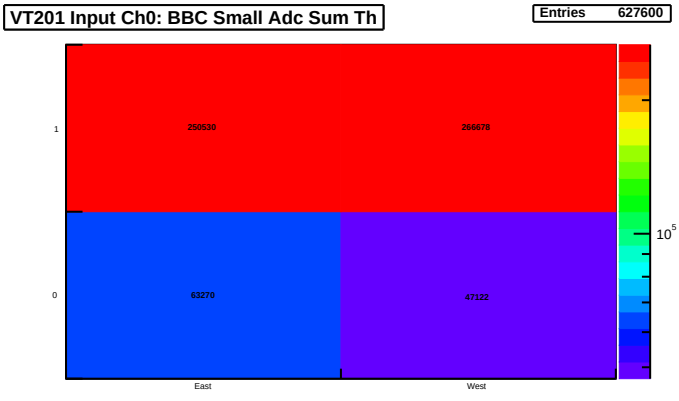

zdcWestTacVsSimu
Entries 2453
Data
Simu

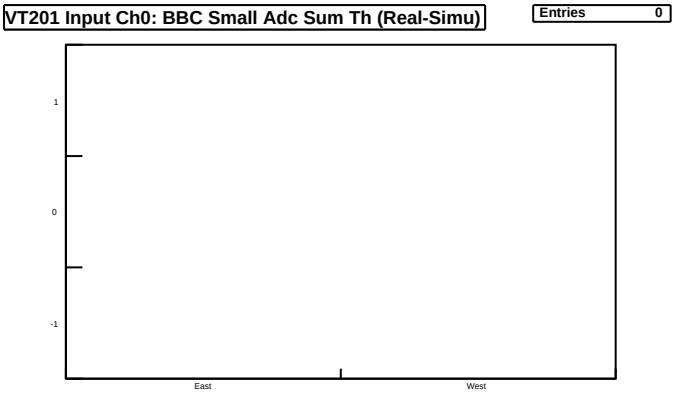

zdcAdcSum
Entries 3765600
33192
4520
13
11
3
1
77057
6030
65
51
39
32
280608
309280
313787
313789
313797
313799
236743
307770
313735
313749
313761
313768
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

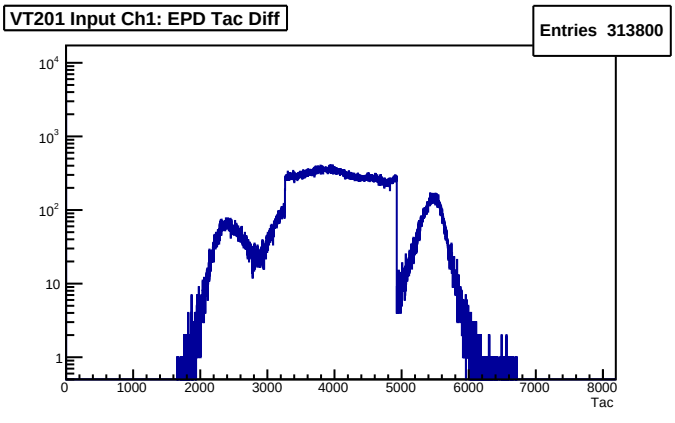

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

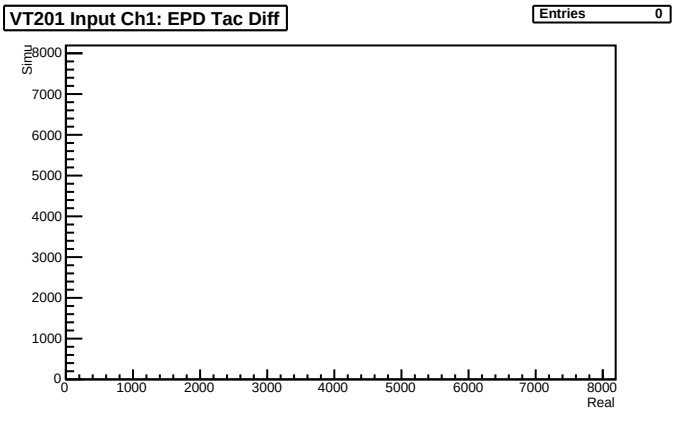

VT201 Input Ch0: BBC Small Tac Diff
Entries 313800
Tac

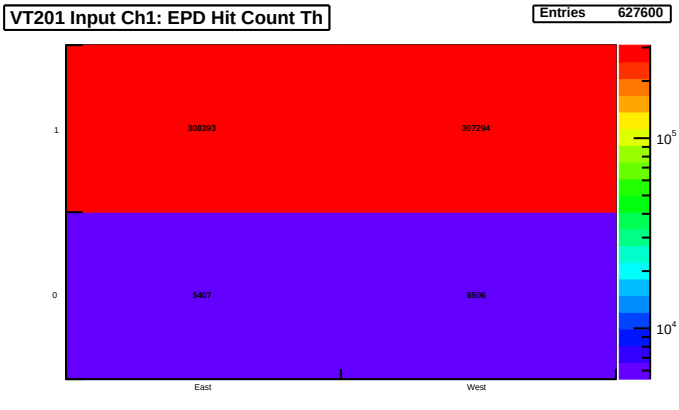

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

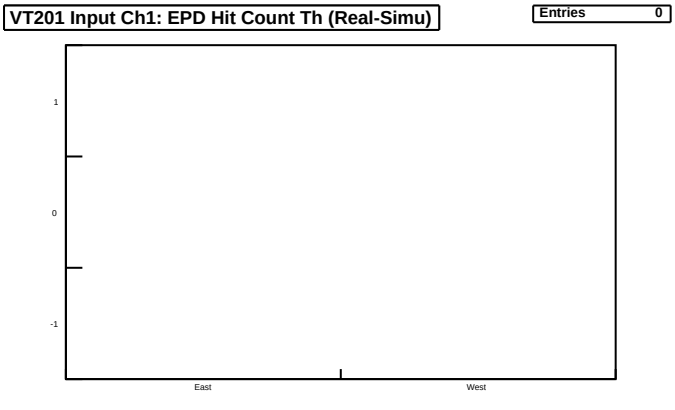

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 627600
250530
266678
63270
47122
East
West

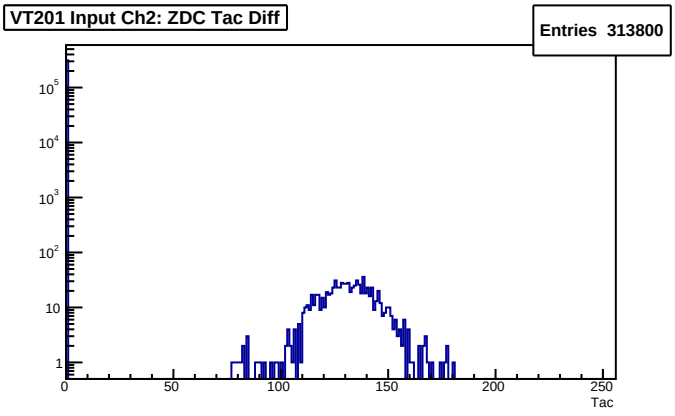

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

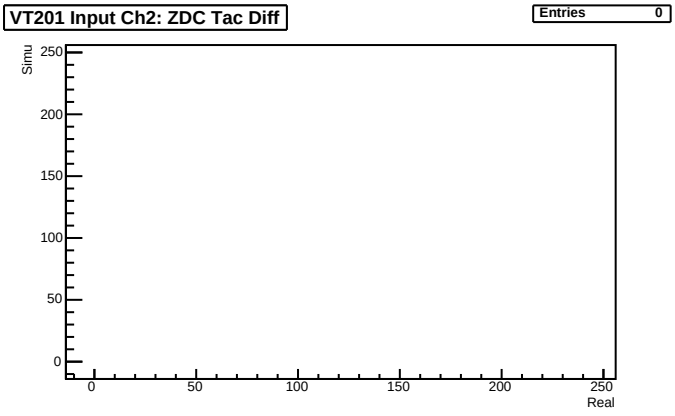

VT201 Input Ch1: EPD Tac Diff
Entries 313800
Tac

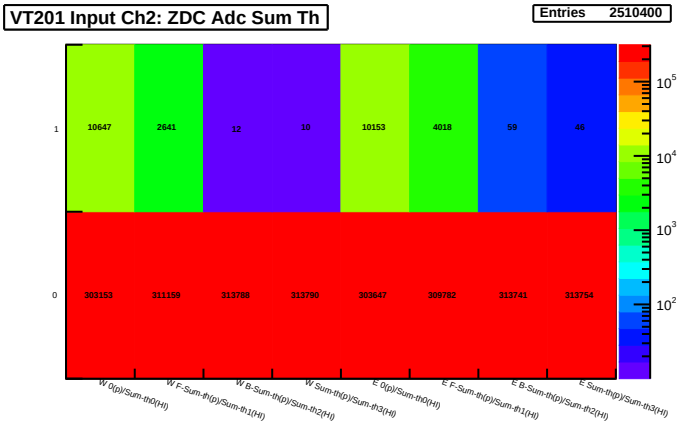

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

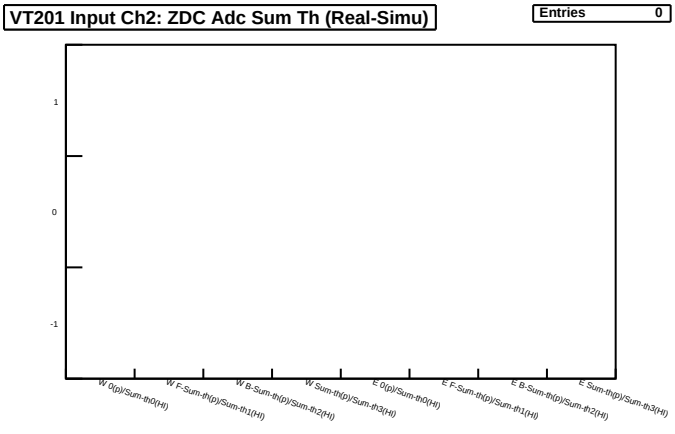

VT201 Input Ch1: EPD Hit Count Th
Entries 627600
308393
307294
5407
6506
East
West

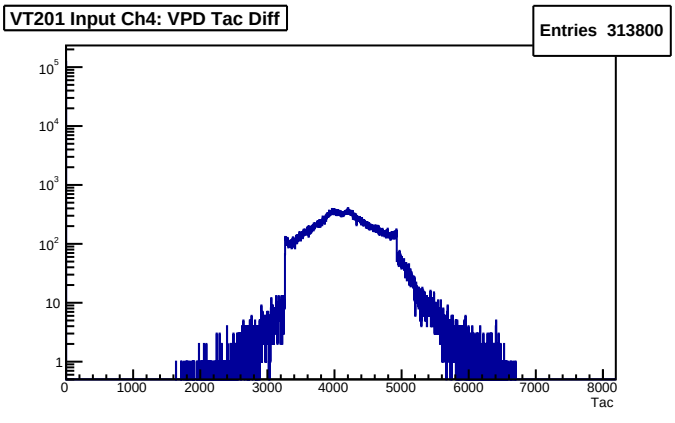

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

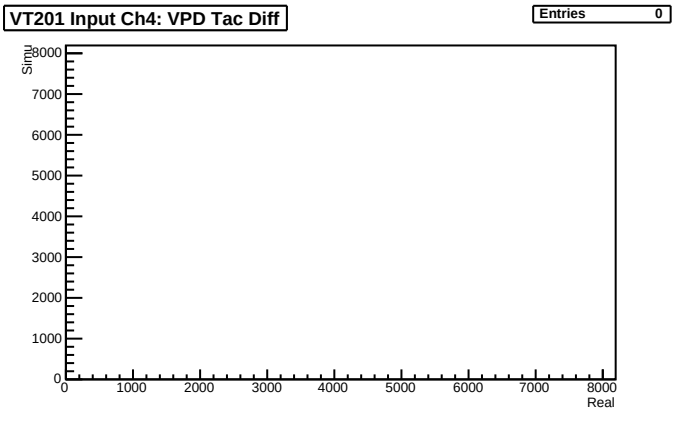

VT201 Input Ch2: ZDC Tac Diff
Entries 313800
Tac

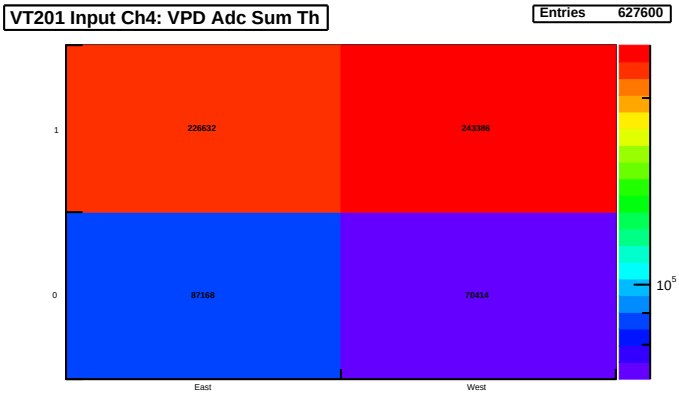

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

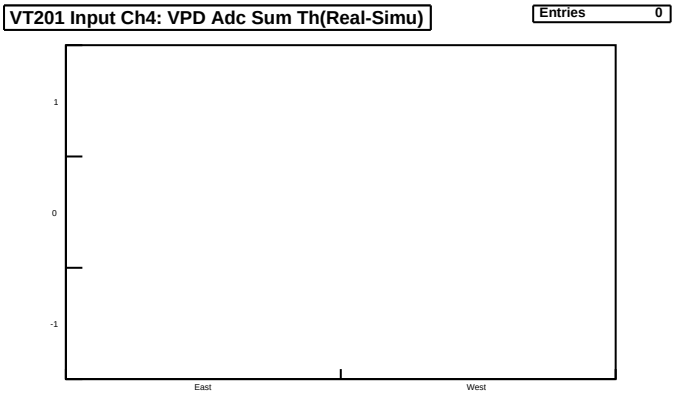

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2510400
10647
2641
12
10
10153
4018
59
46
303153
311159
313788
313790
303647
309782
313741
313754
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

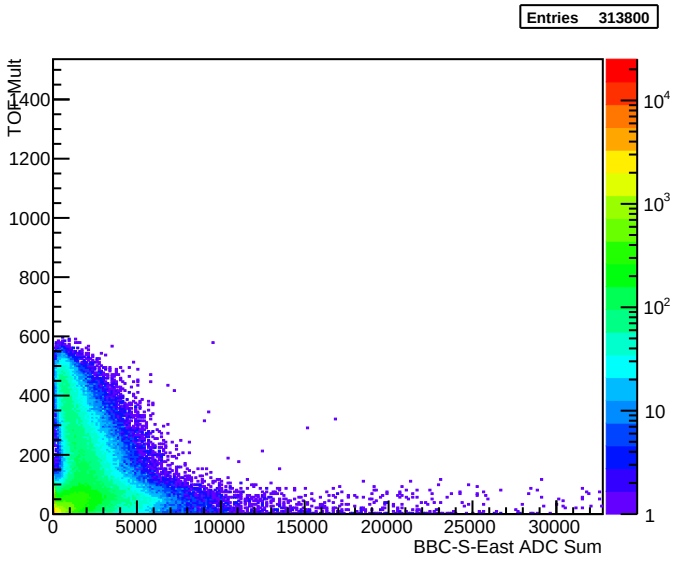

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

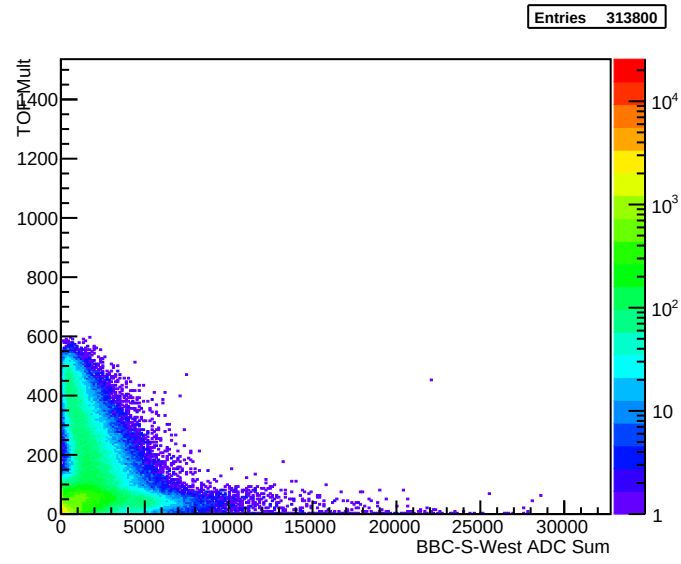

VT201 Input Ch4: VPD Tac Diff
Entries 313800
Tac

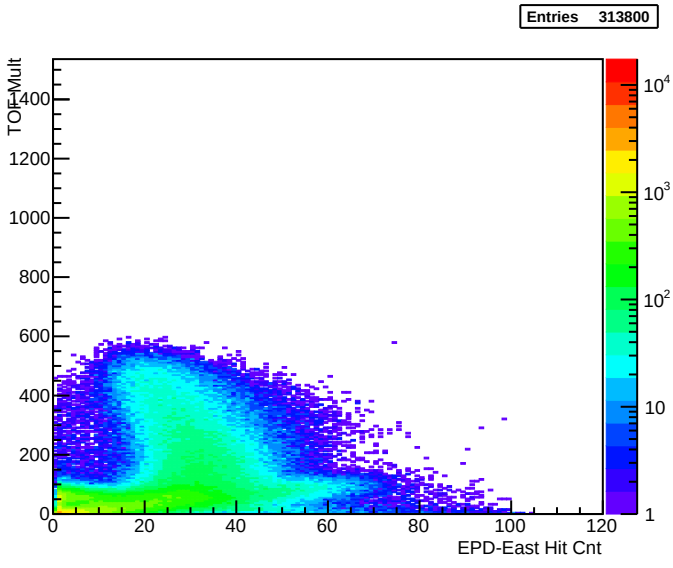

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

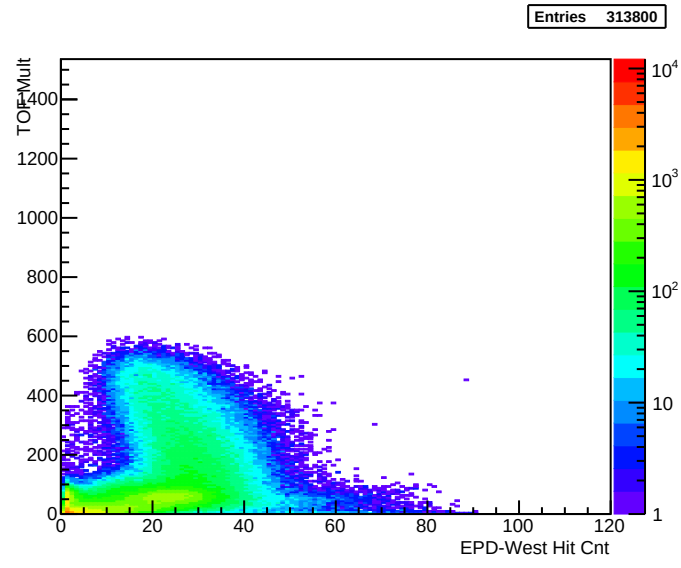

VT201 Input Ch4: VPD Adc Sum Th
Entries 627600
226632
243386
87168
70414
East
West

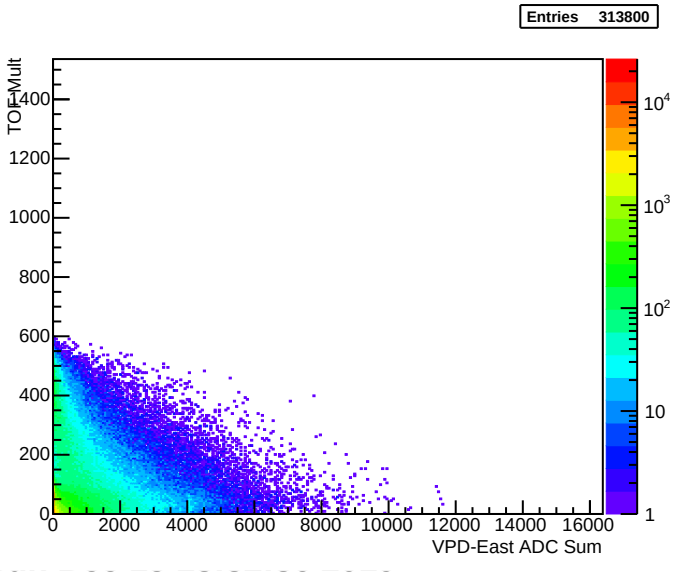

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

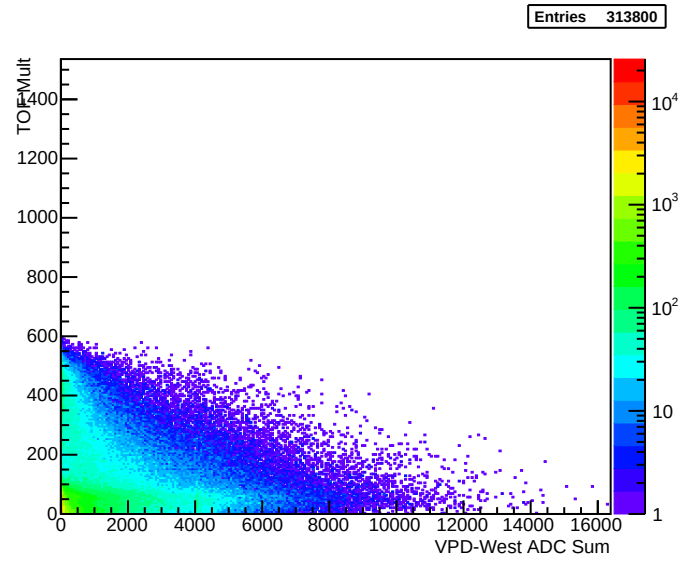

Entries 313800
TOF-Mult
BBC-S-East ADC Sum

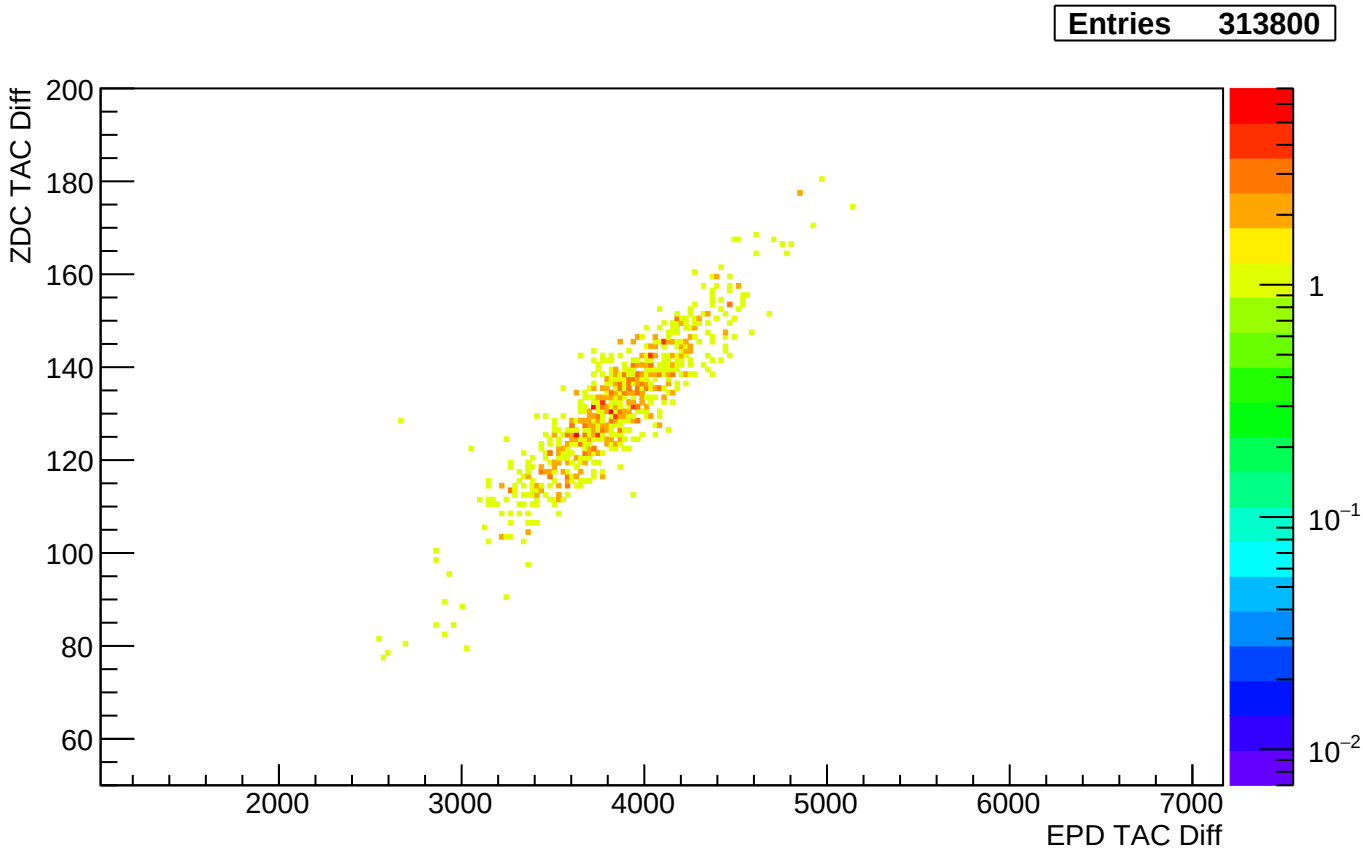

Entries 313800
TOF-Mult
BBC-S-West ADC Sum

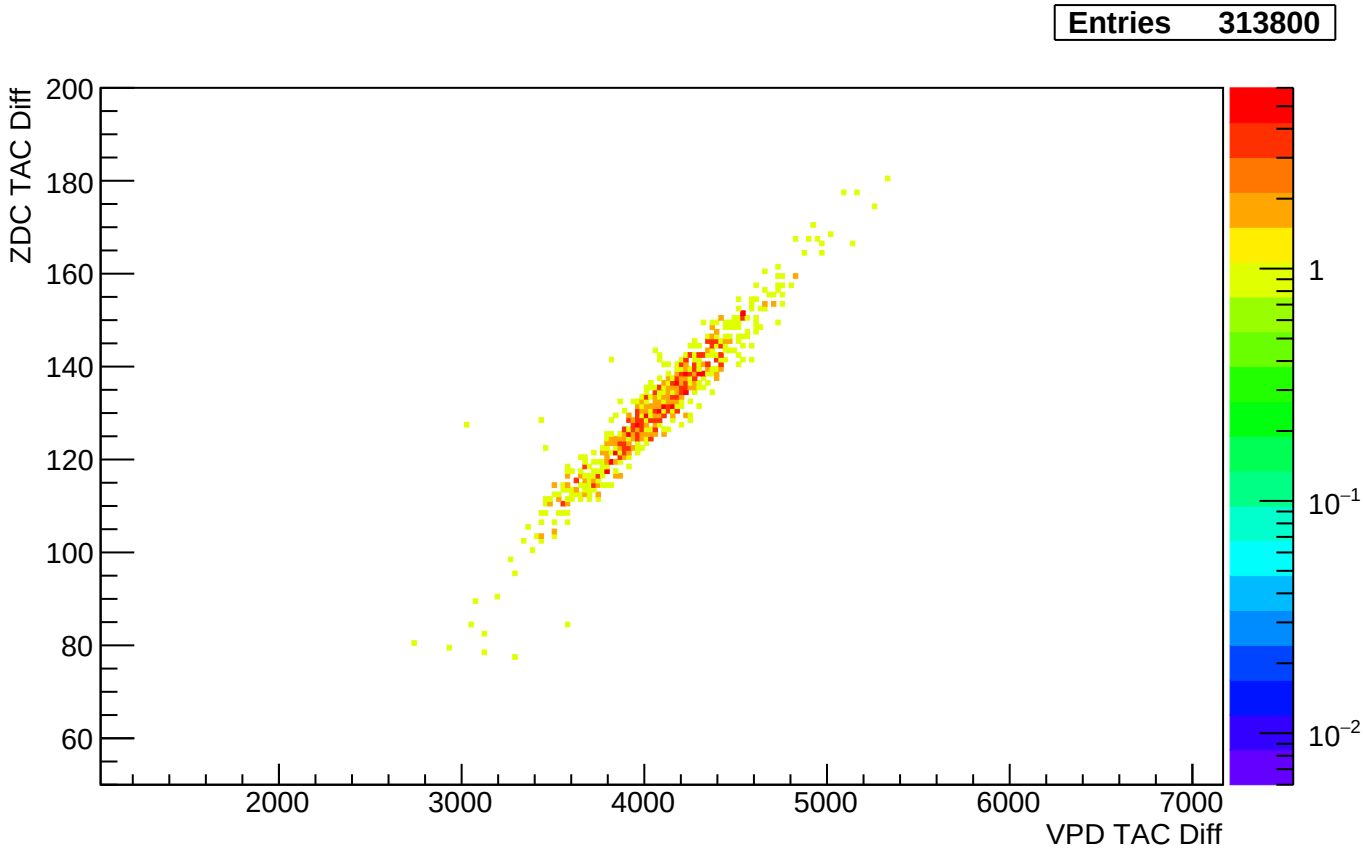

Entries 313800
TOF-Mult
EPD-East Hit Cnt

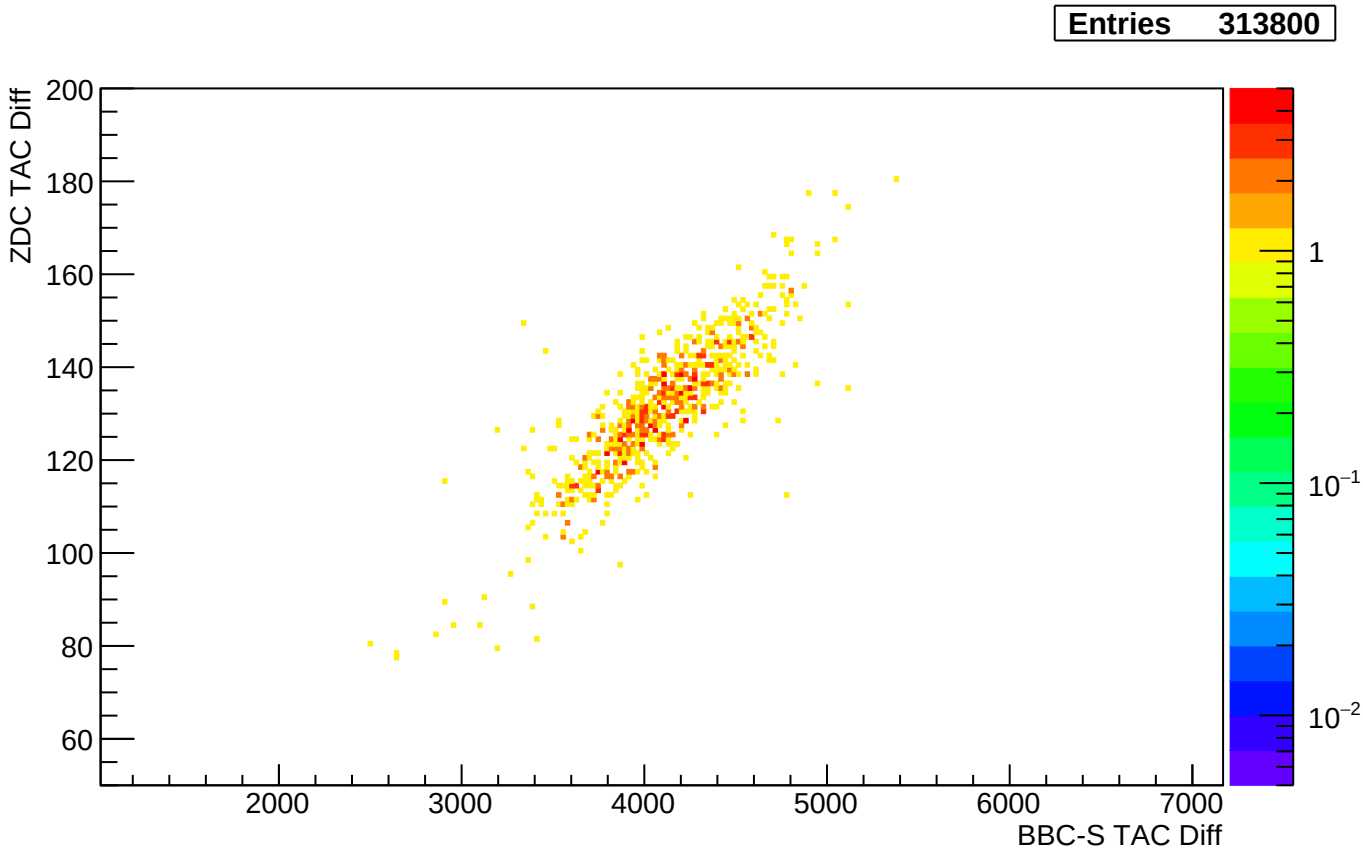

Entries 313800
TOF-Mult
EPD-West Hit Cnt

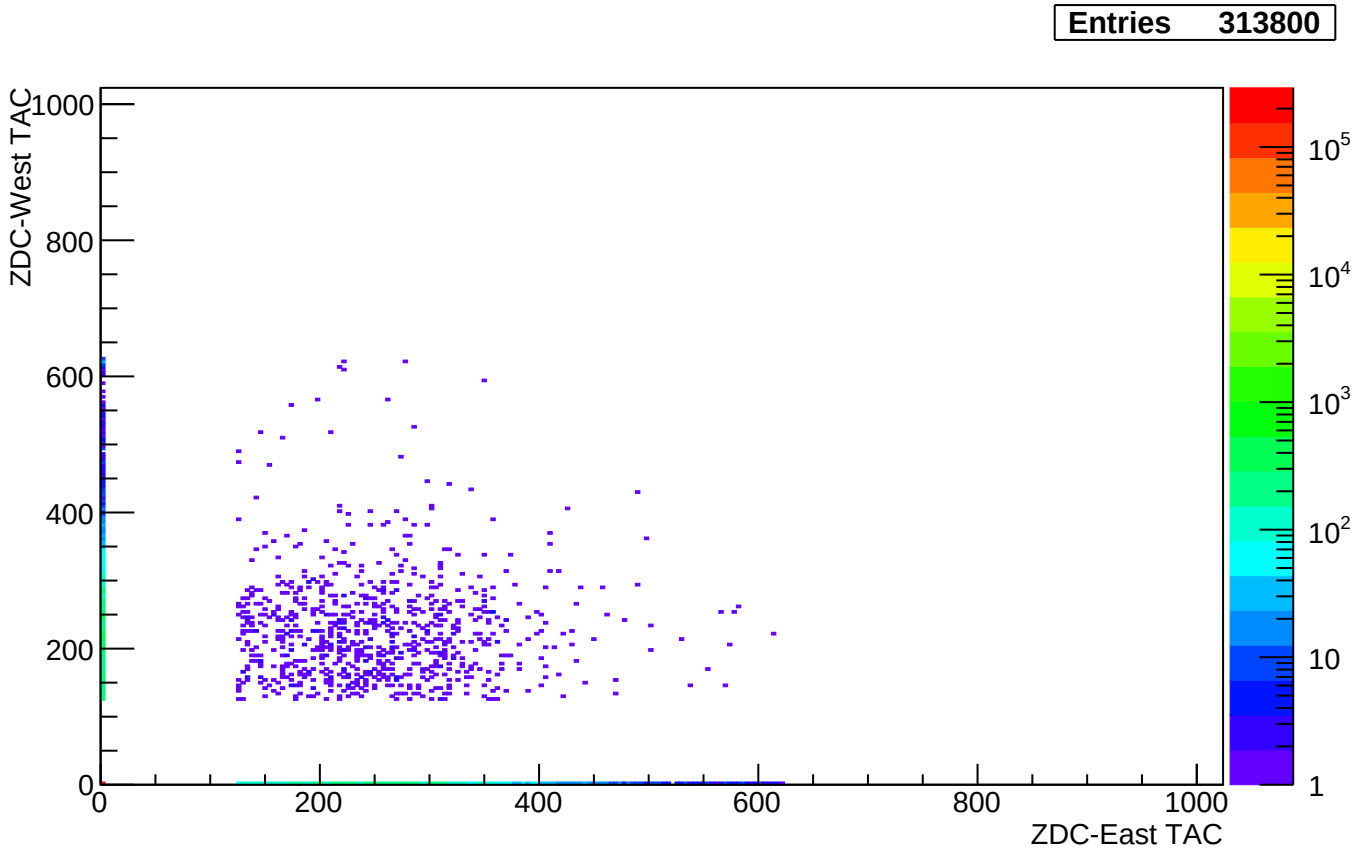

Entries 313800
TOF-Mult
VPD-East ADC Sum

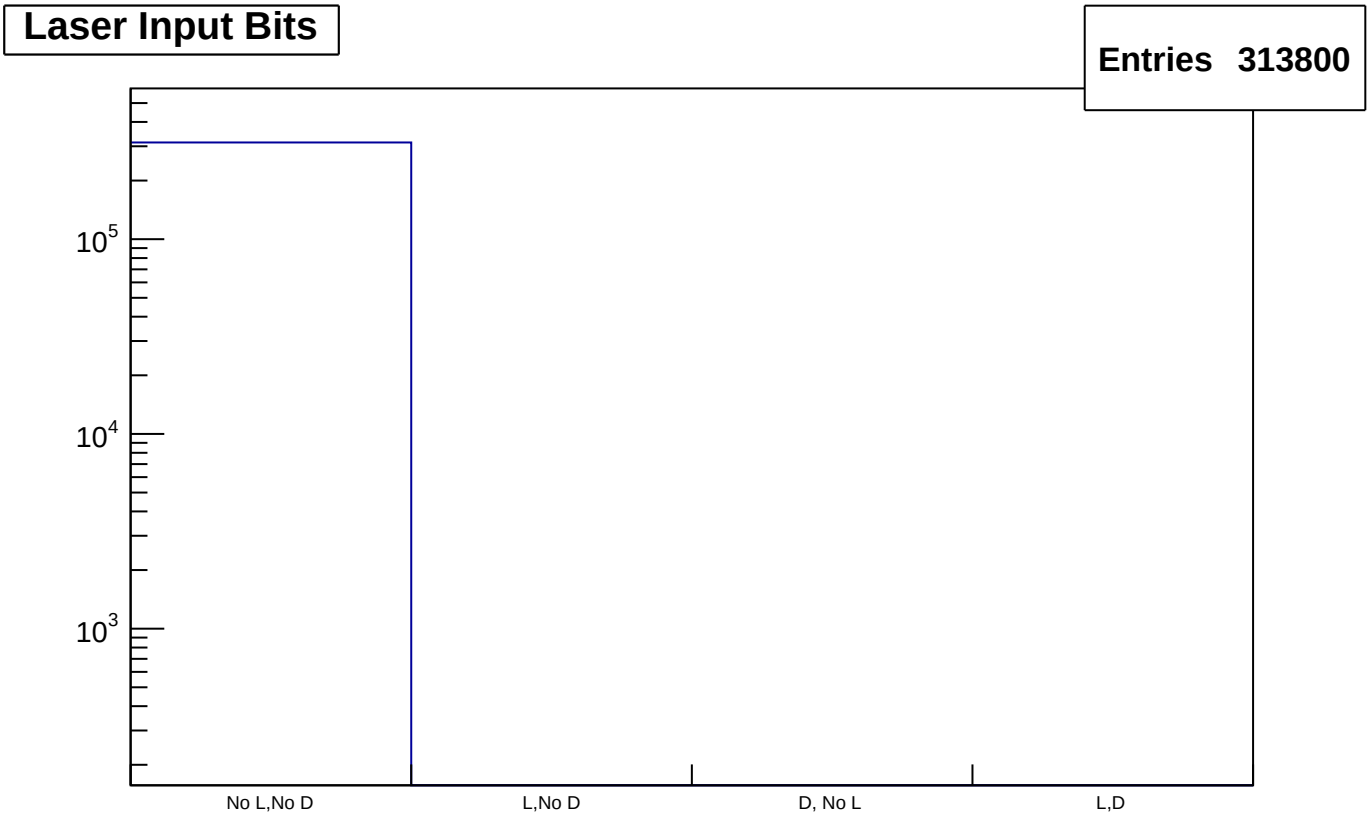

Entries 313800
TOF-Mult
VPD-West ADC Sum

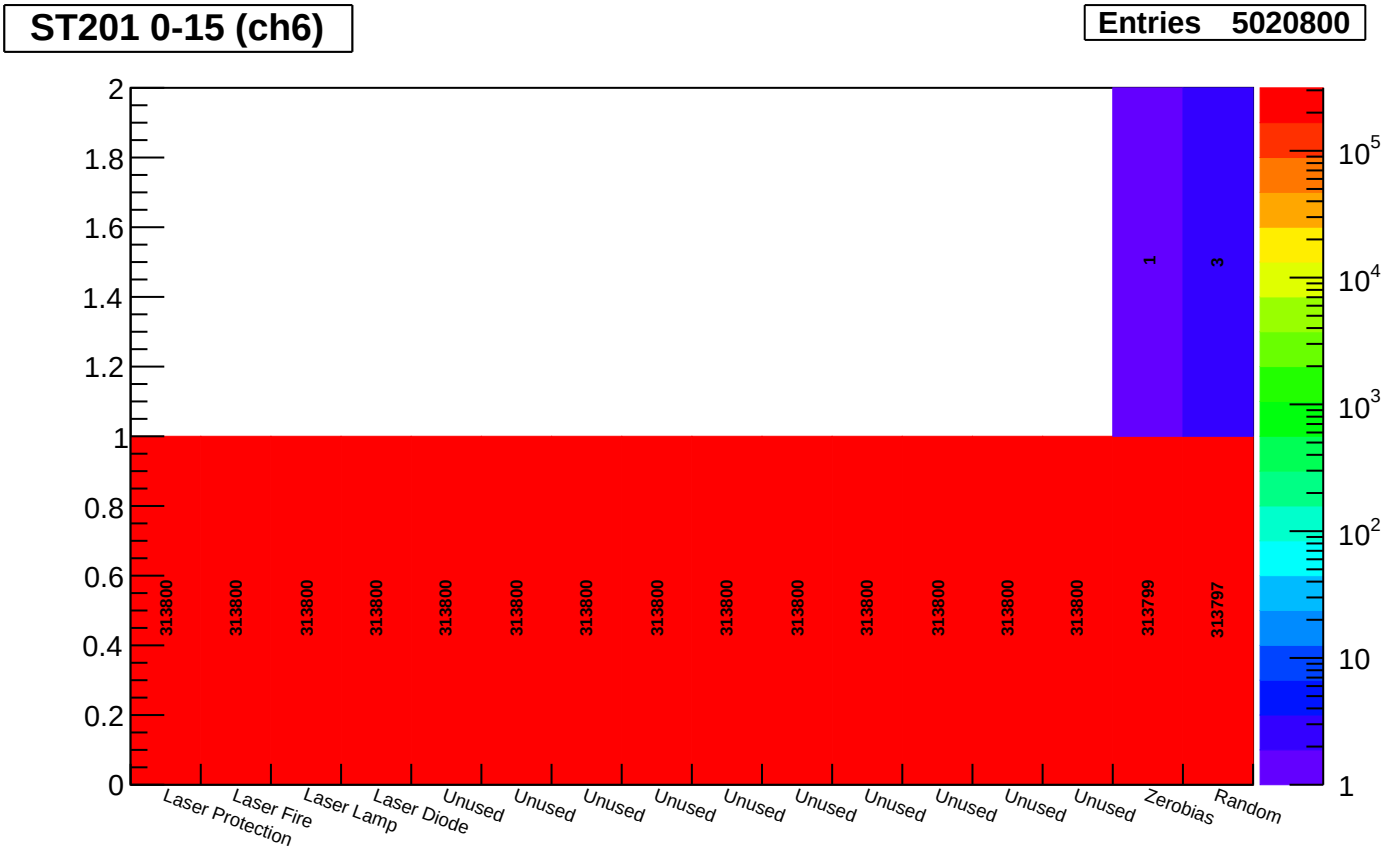

Entries 313800
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

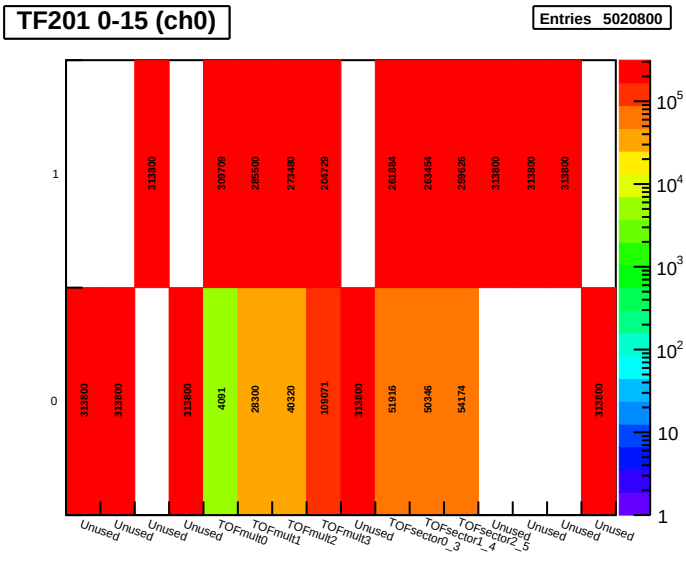

Entries 313800
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

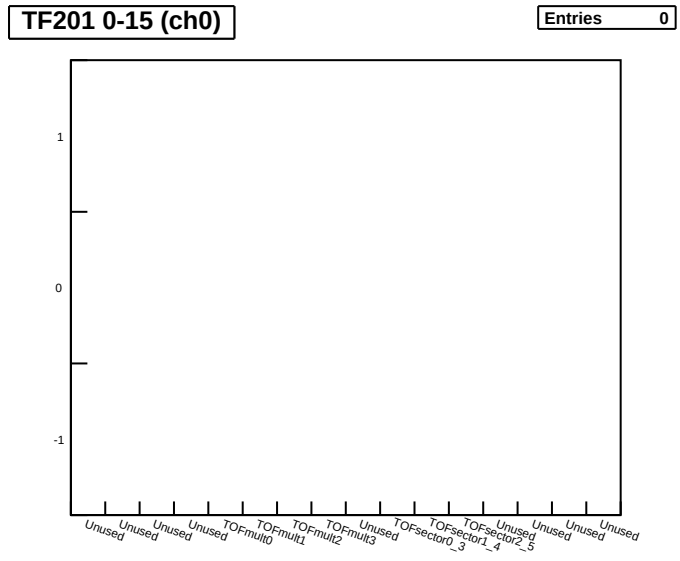

Entries 313800
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

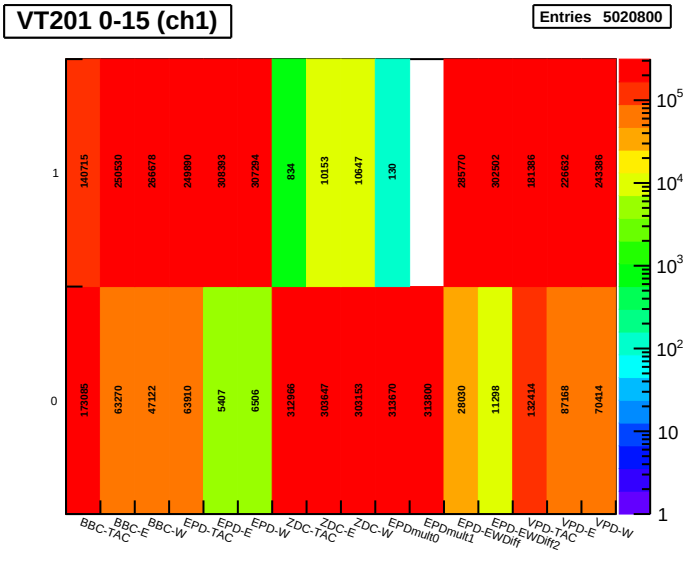

Entries 313800
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

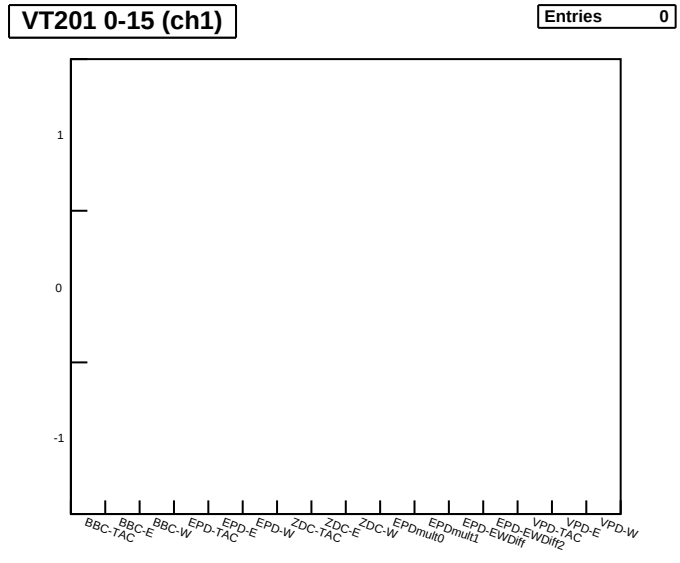

Laser Input Bits
Entries 313800
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

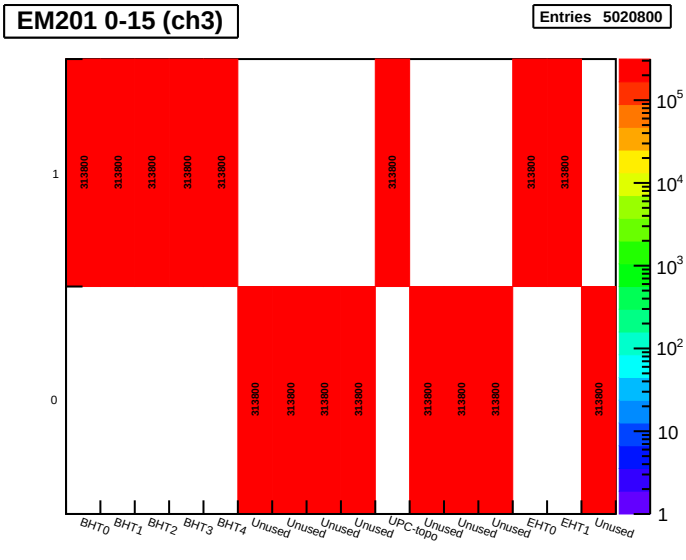

ST201 0-15 (ch6)
Entries 5020800
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
313800
313799
313797
1
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

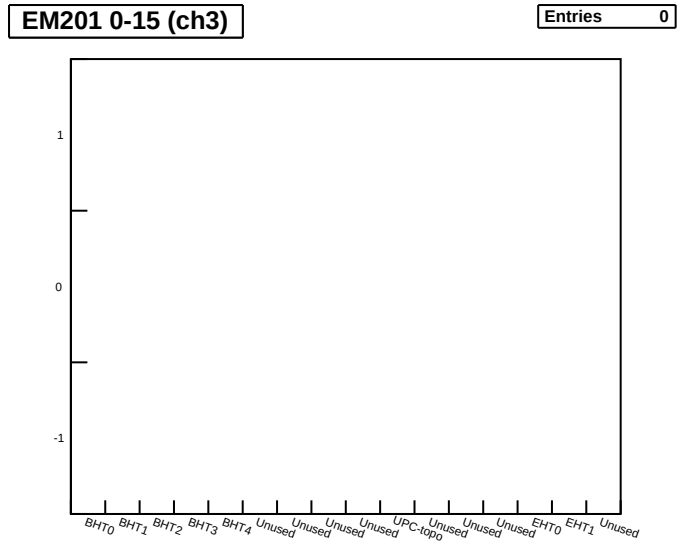

TF201 0-15 (ch0)
Entries 5020800
1
0
313800 309709 285500 273480 204729 261884 263454 259625 313800 313800 313800
313800 313800 313800 4091 29300 40320 109071 313800 51916 50346 54174 313800
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 5020800
1
0
140715 250530 266678 248880 308393 307294 834 10153 10647 130 285770 302502 181386 226632 243386
173085 63270 47122 63910 5407 6506 312966 303647 303153 313670 313800 28030 11298 132414 87168 70414
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 5020800
1
0
313800 313800 313800 313800 313800 313800 313800 313800
313800 313800 313800 313800 313800 313800 313800 313800
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