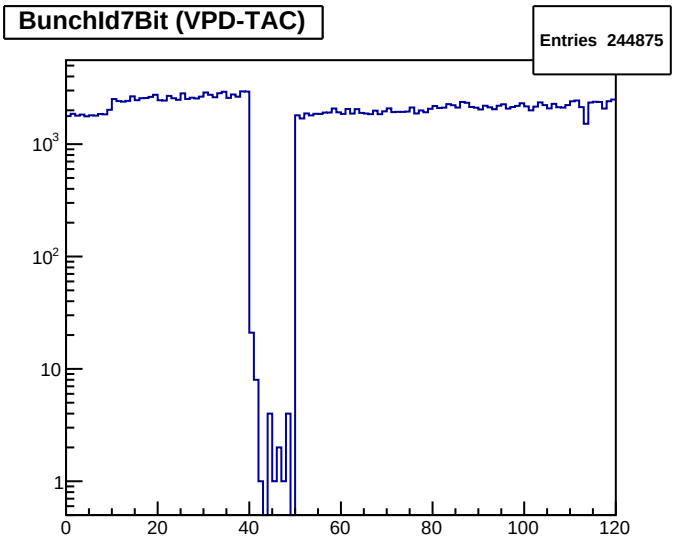
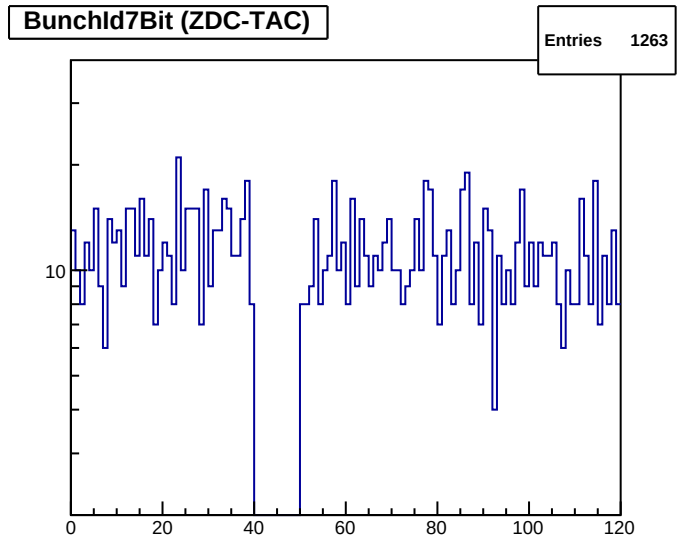
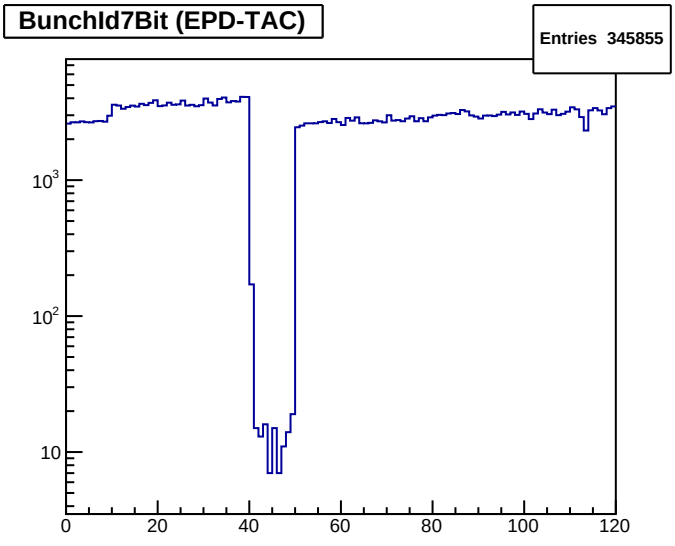
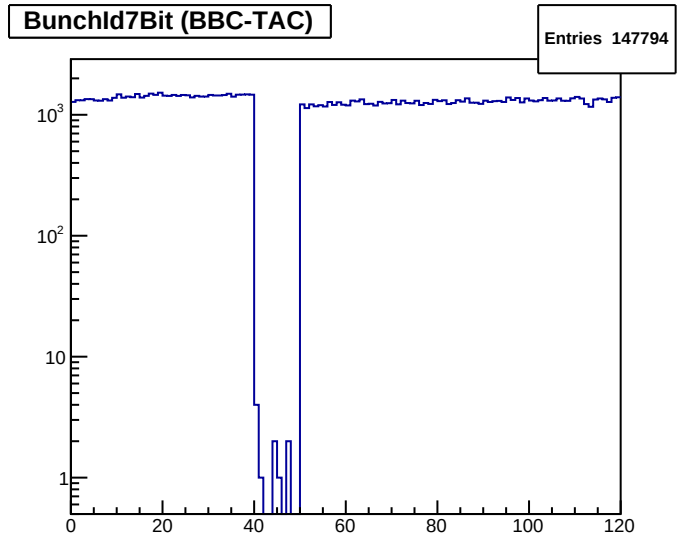
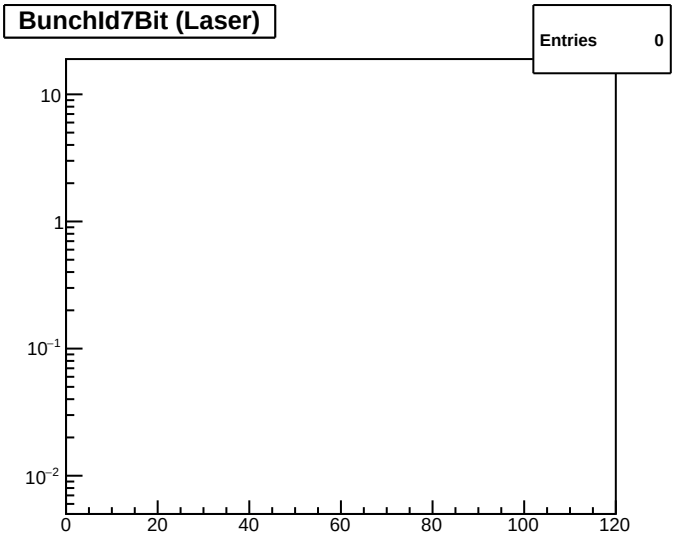
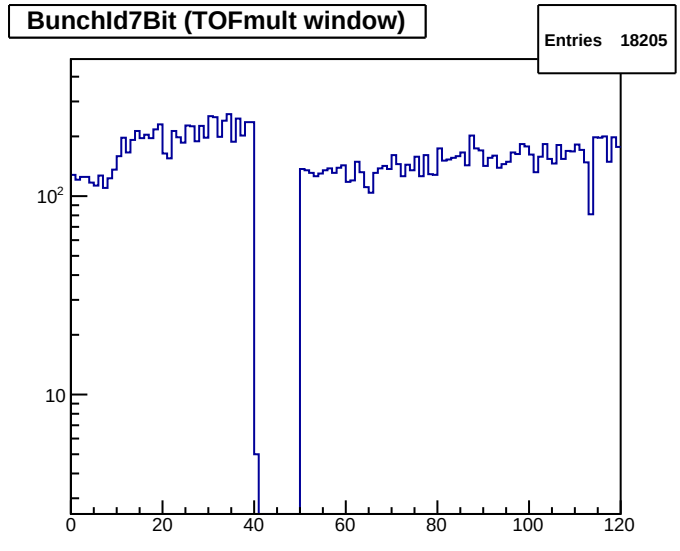

BunchId7Bit (VPD-TAC)
Entries 244875

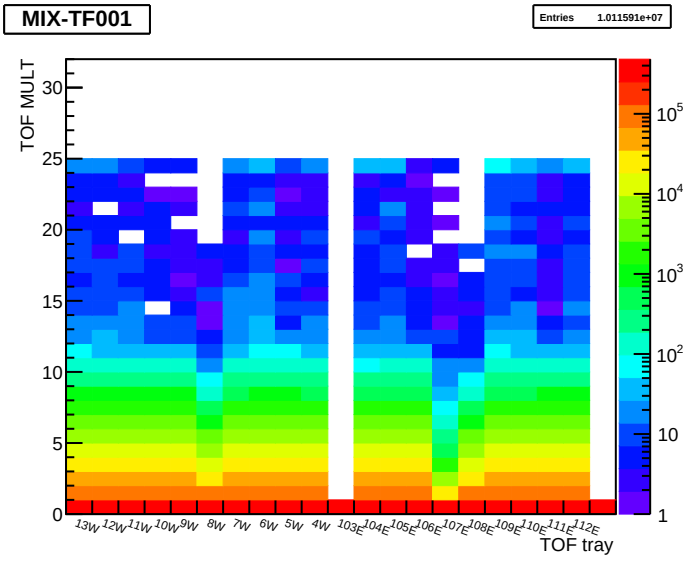

BunchId7Bit (ZDC-TAC)
Entries 1263

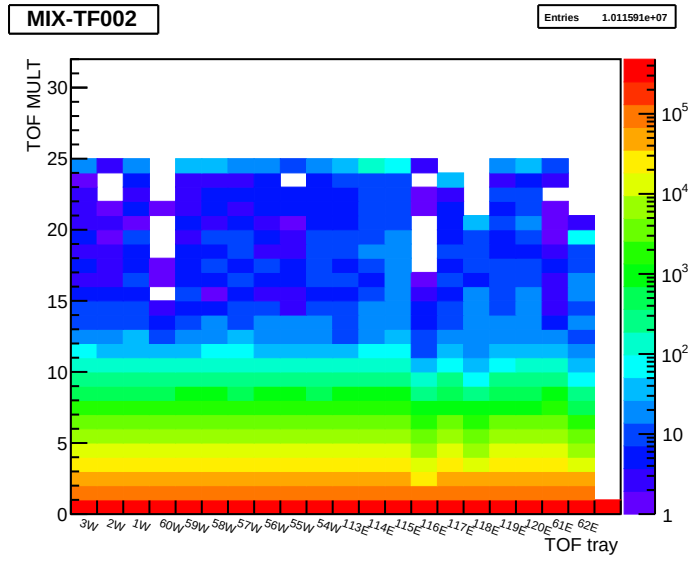

BunchId7Bit (EPD-TAC)
Entries 345855

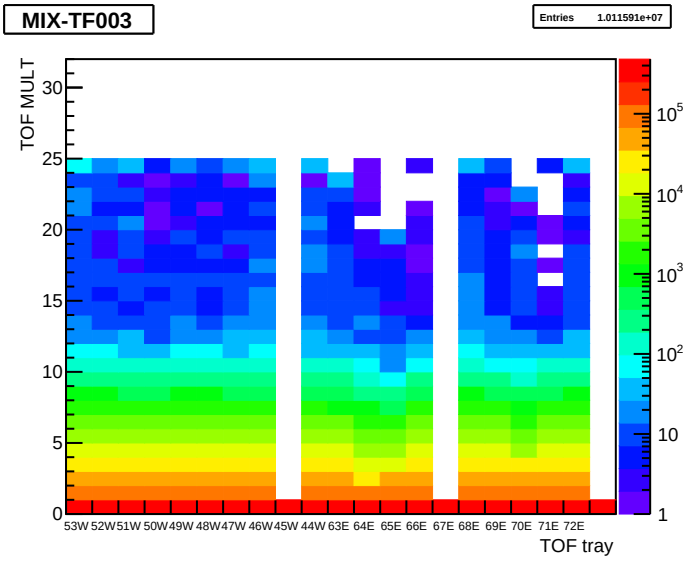

BunchId7Bit (BBC-TAC)
Entries 147794

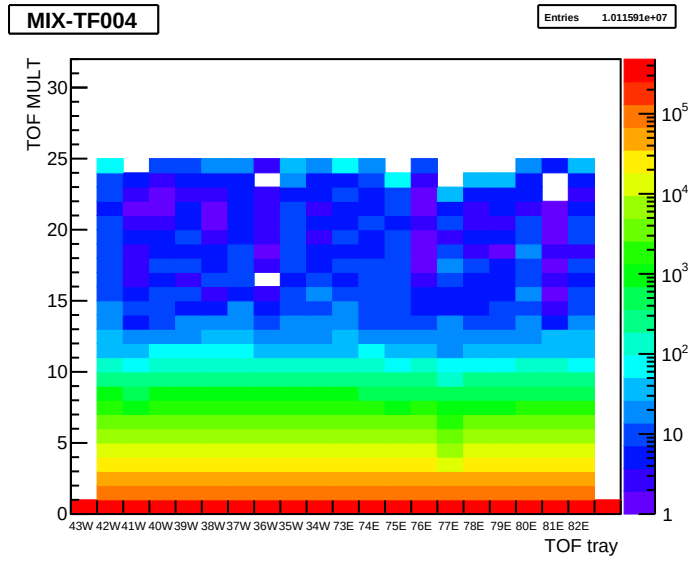

BunchId7Bit (Laser)
Entries 0

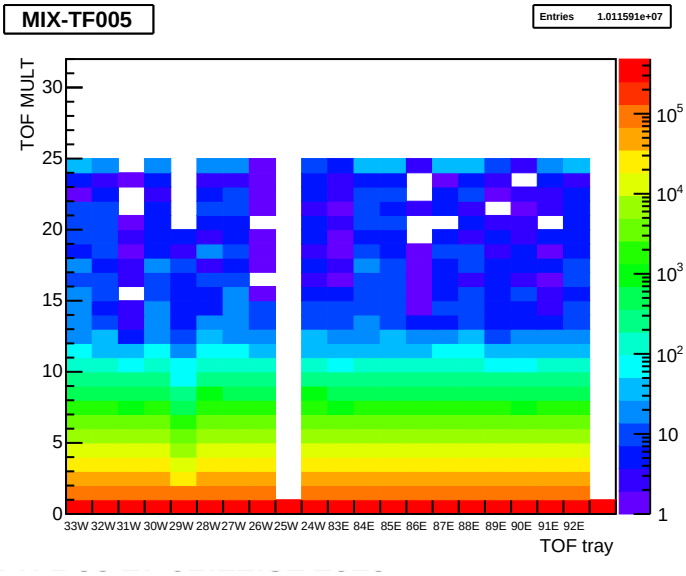

BunchId7Bit (TOFmult window)
Entries 18205

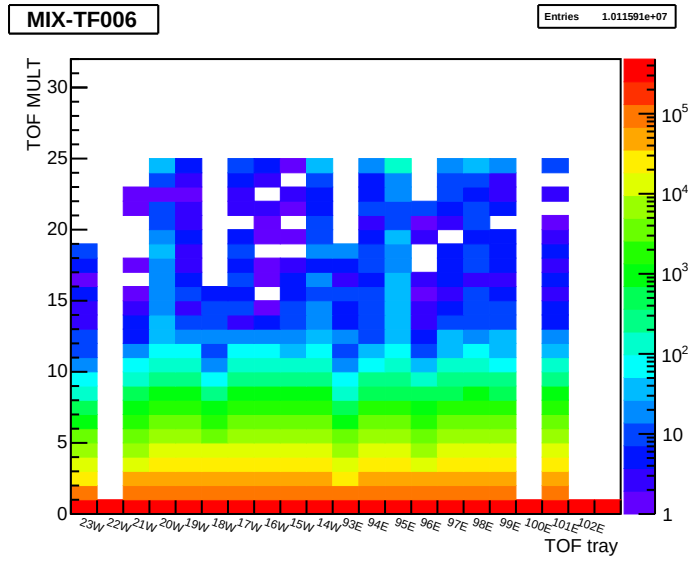

MIX-TF001
Entries 1.011591e+07
TOF MULT
TOF tray

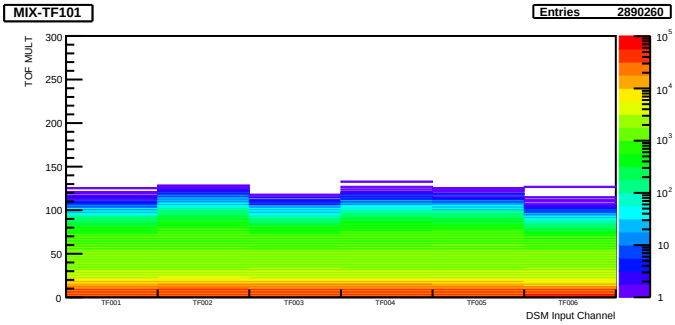

MIX-TF002
Entries 1.011591e+07
TOF MULT
TOF tray

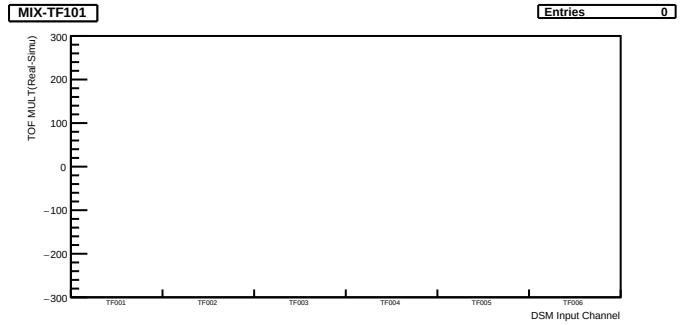

MIX-TF003
Entries 1.011591e+07
TOF MULT
TOF tray

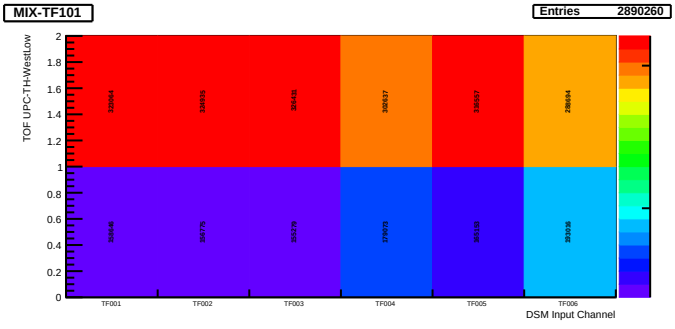

MIX-TF004
Entries 1.011591e+07
TOF MULT
TOF tray

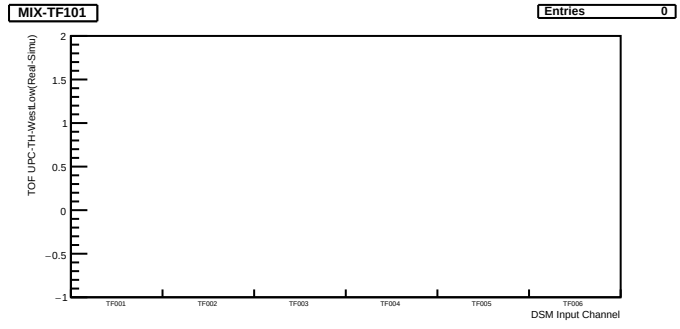

MIX-TF005
Entries 1.011591e+07
TOF MULT
TOF tray

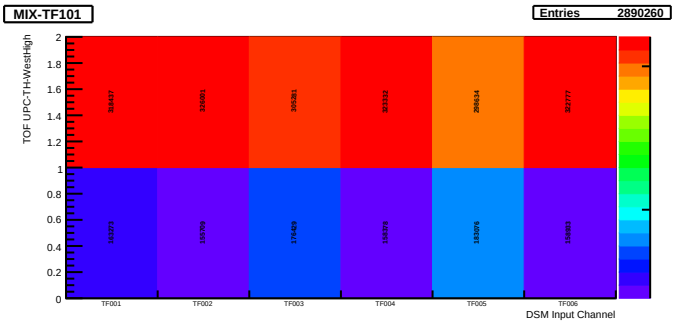

MIX-TF006
Entries 1.011591e+07
TOF MULT
TOF tray

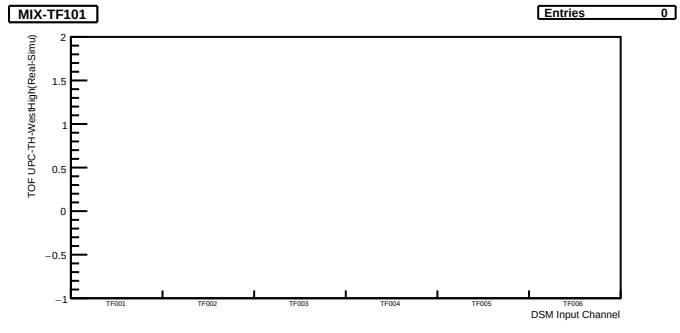

MIX-TF101
Entries 2890260
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

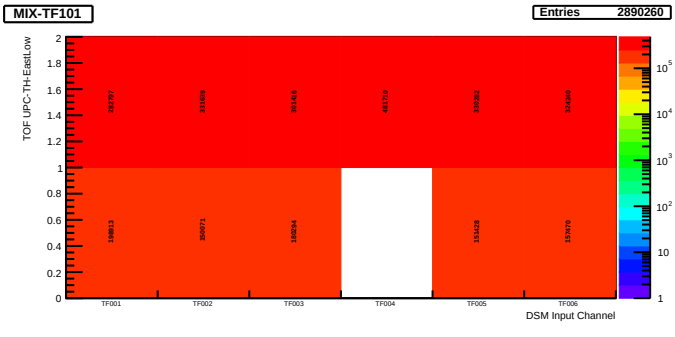

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

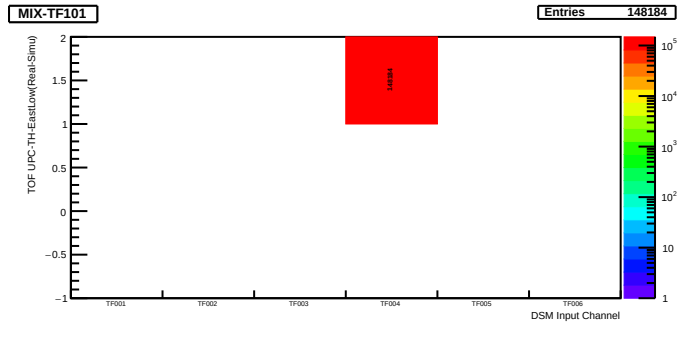

MIX-TF101
Entries 2890260
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

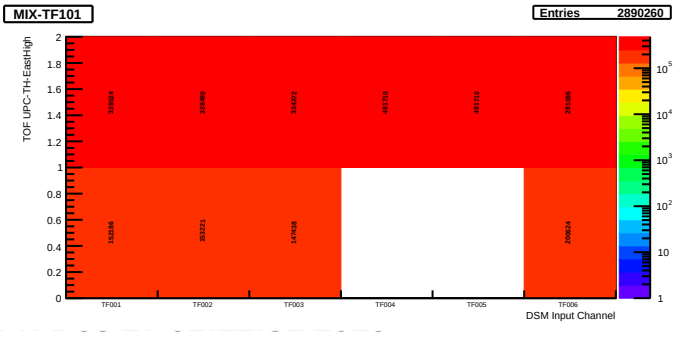

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

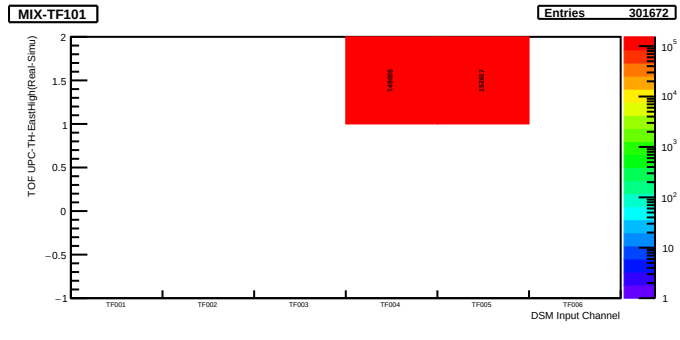

MIX-TF101
Entries 2890260
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

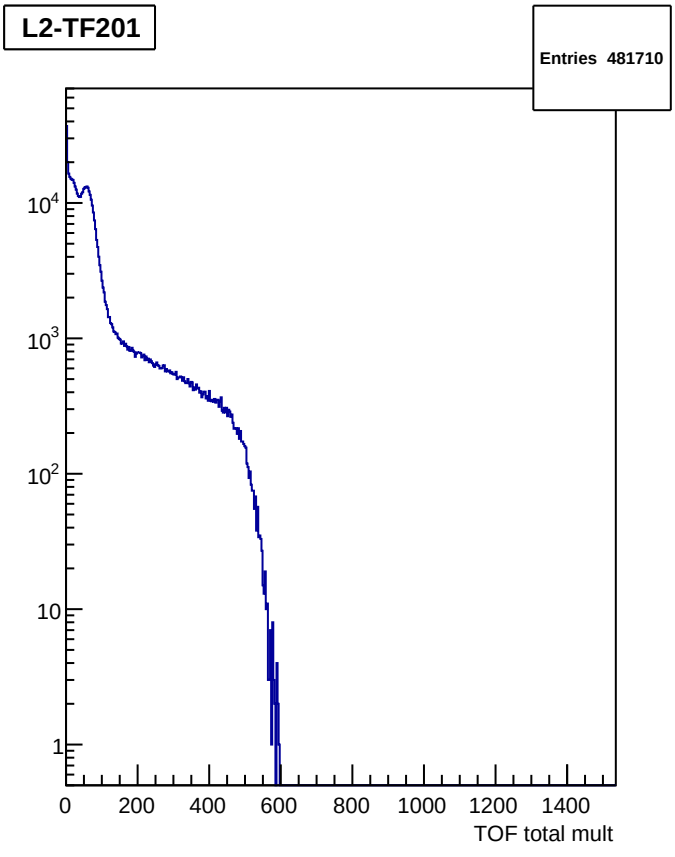

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

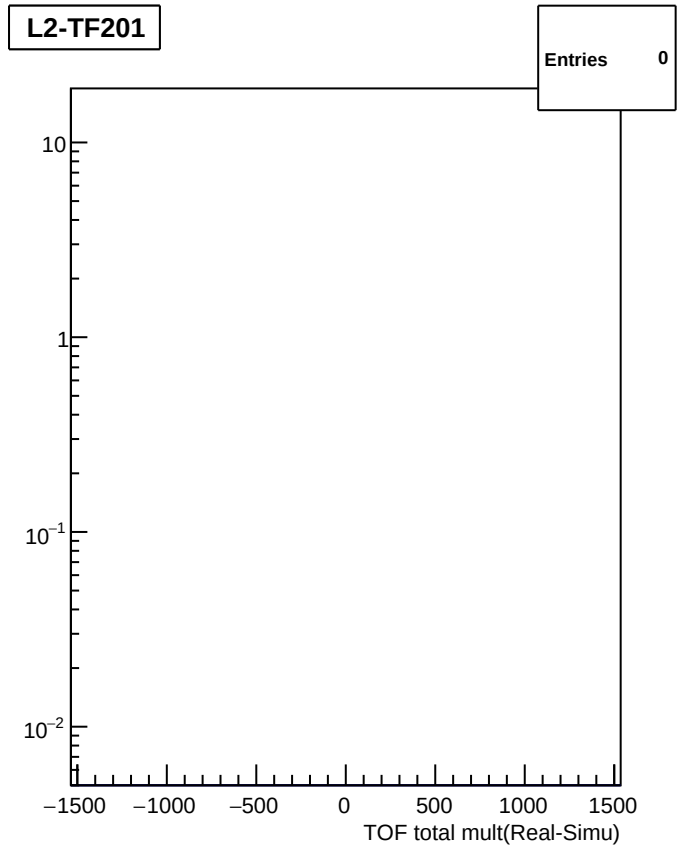

MIX-TF101
Entries 2890260
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

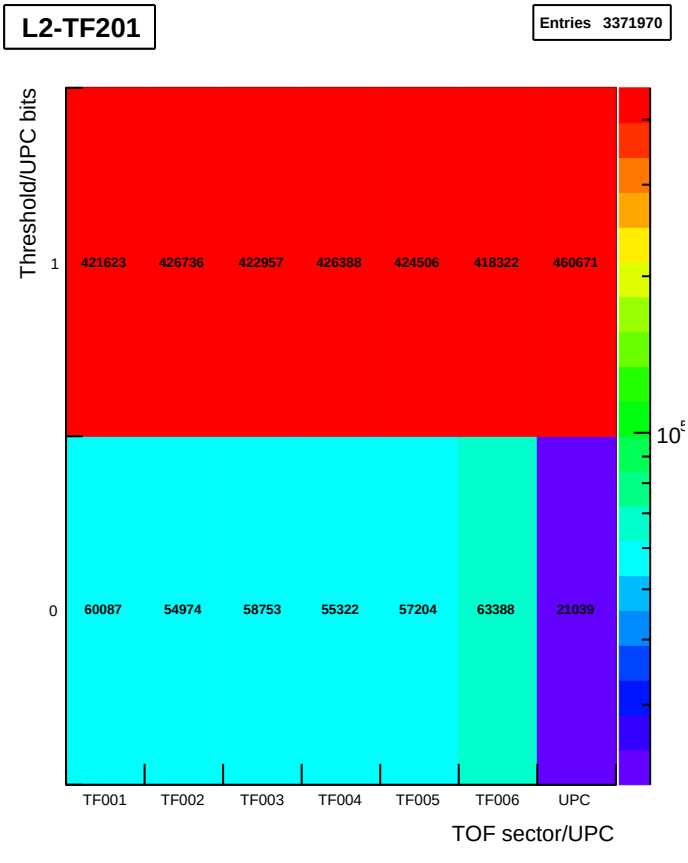

MIX-TF101
Entries 148184
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

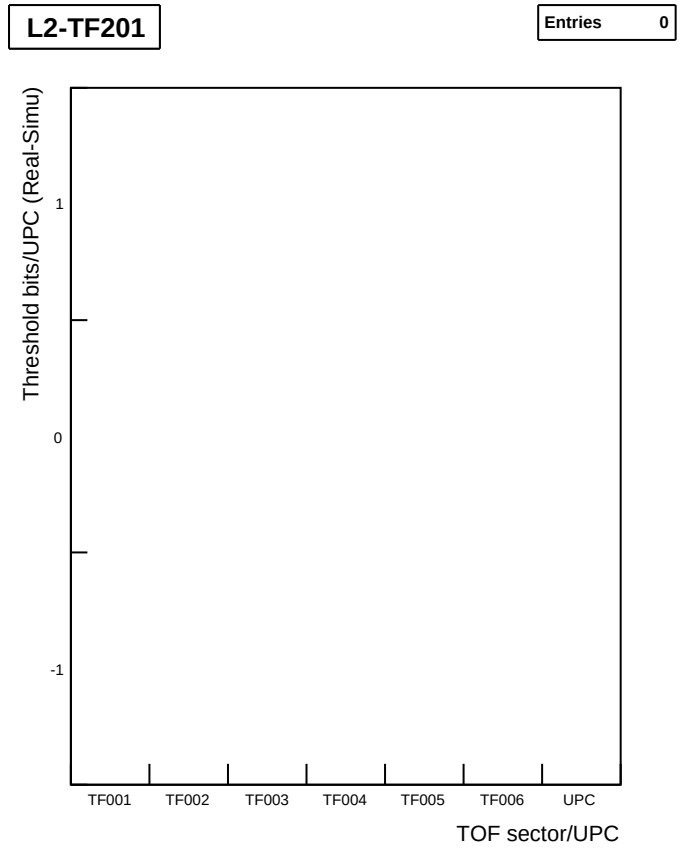

MIX-TF101
Entries 2890260
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

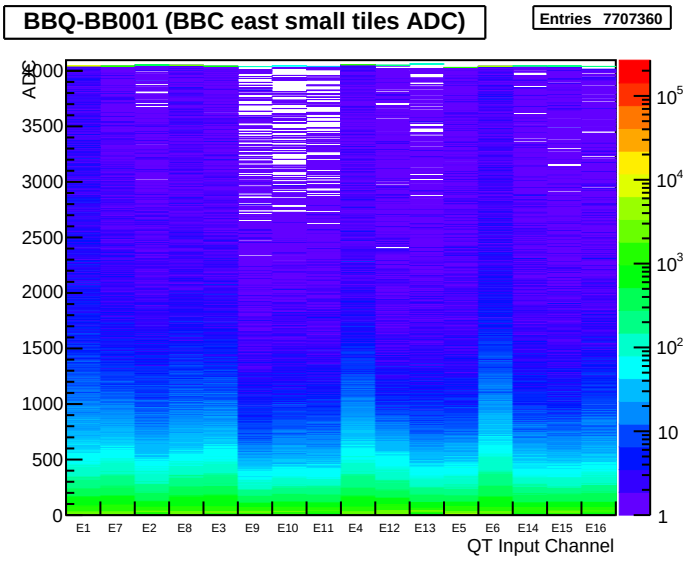

MIX-TF101
Entries 301672
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

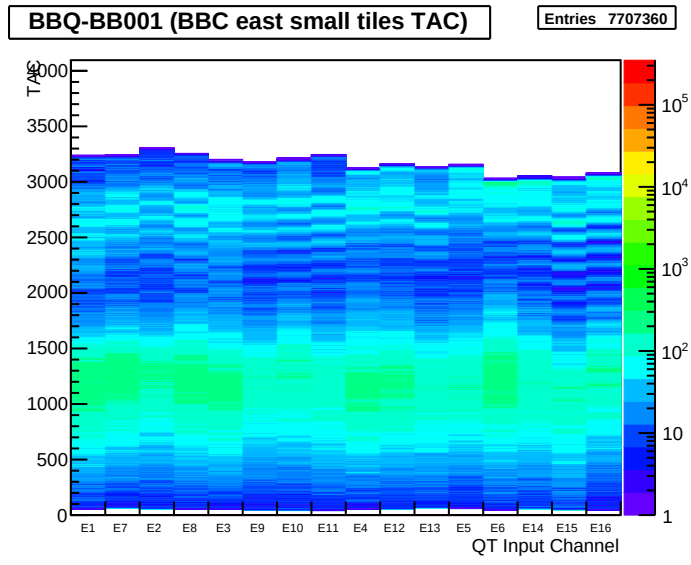

L2-TF201
Entries 481710
TOF total mult

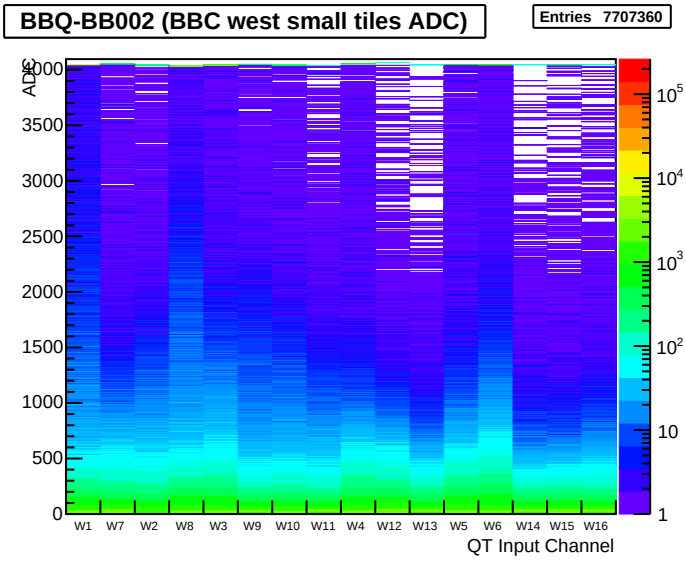

L2-TF201
Entries 0
TOF total mult(Real-Simu)

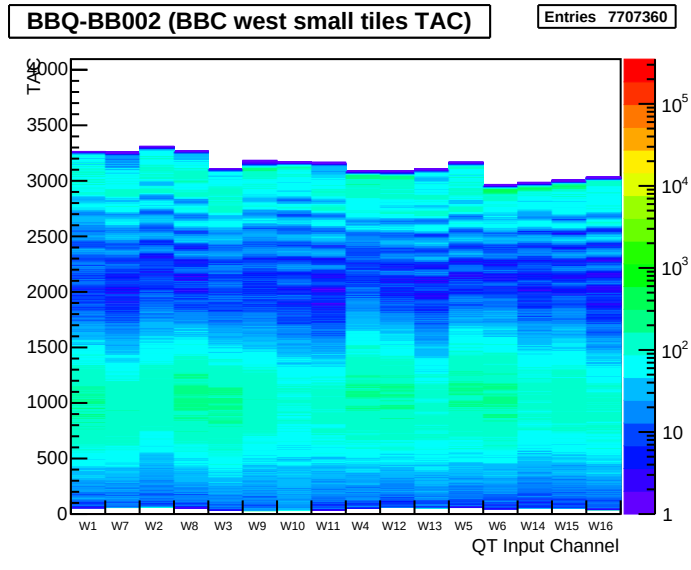

L2-TF201
Entries 3371970
Threshold/UPC bits
421623
426736
422957
426388
424506
418322
460671
60087
54974
58753
55322
57204
63388
21039
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

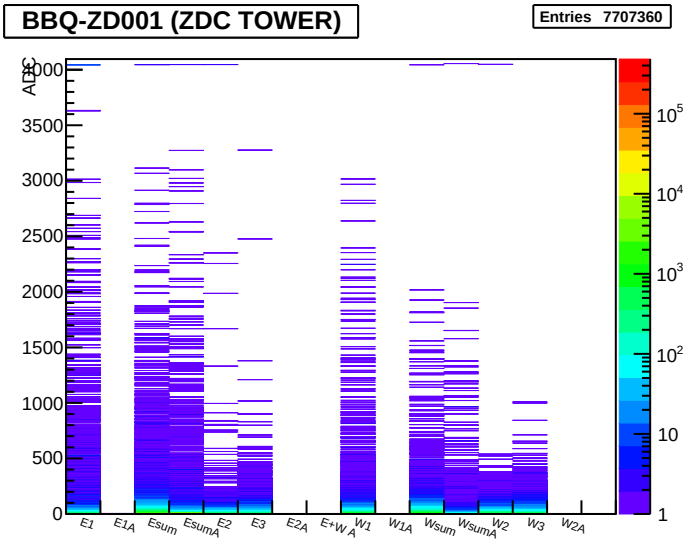

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

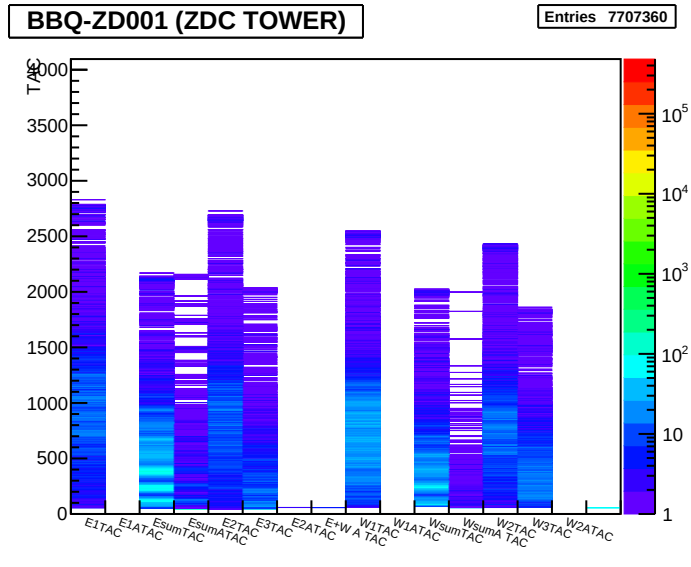

BBQ-BB001 (BBC east small tiles ADC)
Entries 7707360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

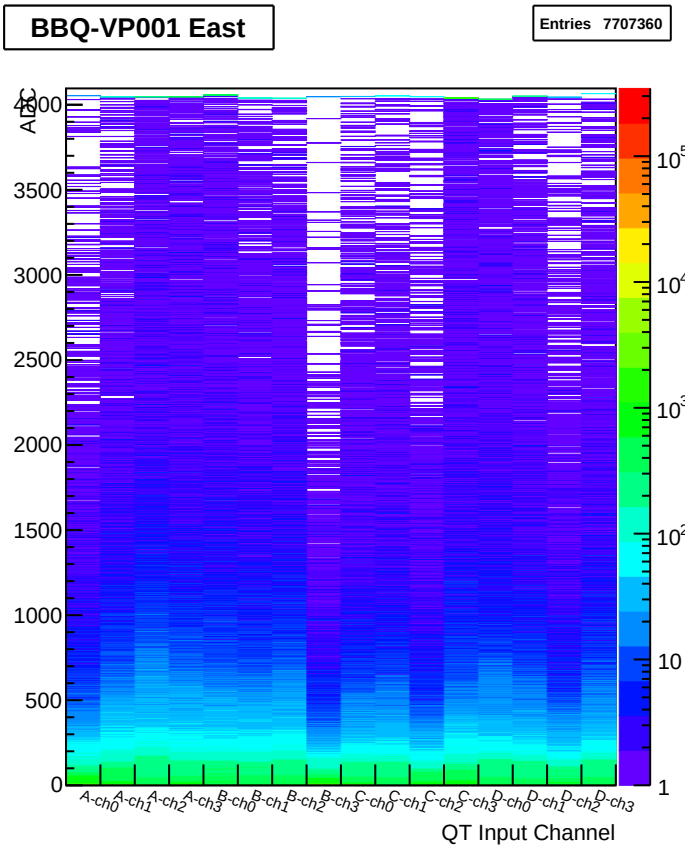

BBQ-BB001 (BBC east small tiles TAC)
Entries 7707360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

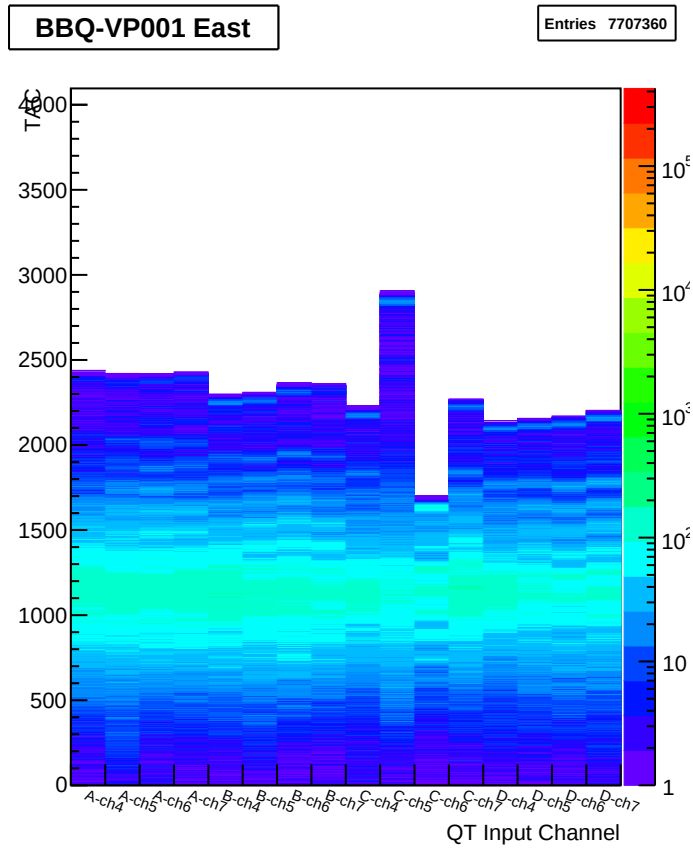

BBQ-BB002 (BBC west small tiles ADC)
Entries 7707360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

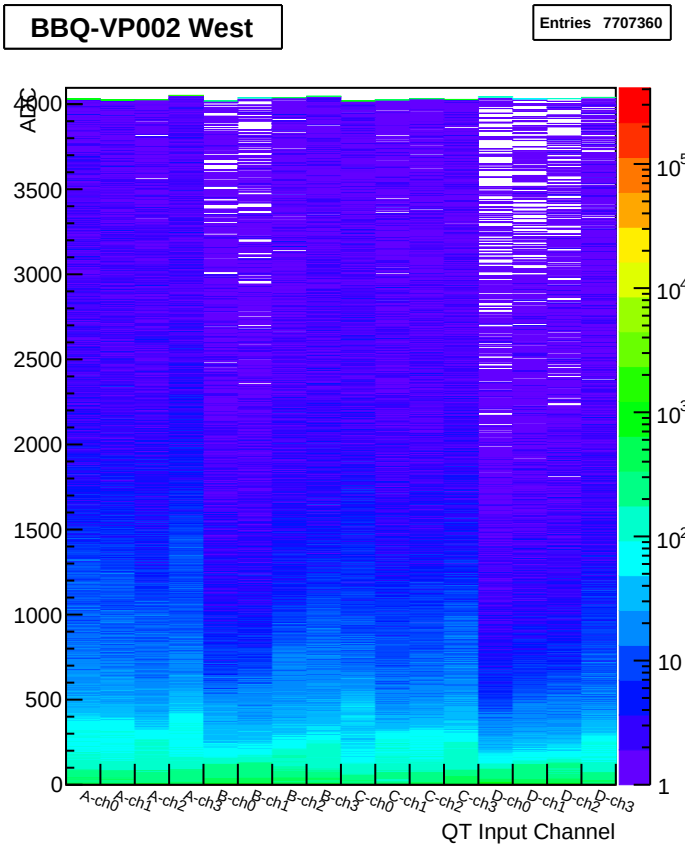

BBQ-BB002 (BBC west small tiles TAC)
Entries 7707360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

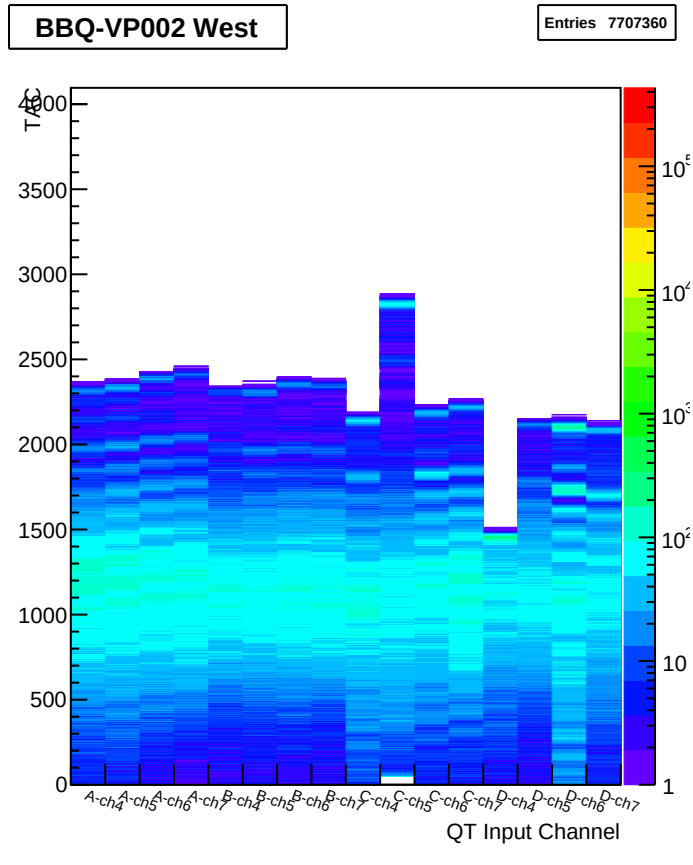

BBQ-ZD001 (ZDC TOWER)
Entries 7707360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

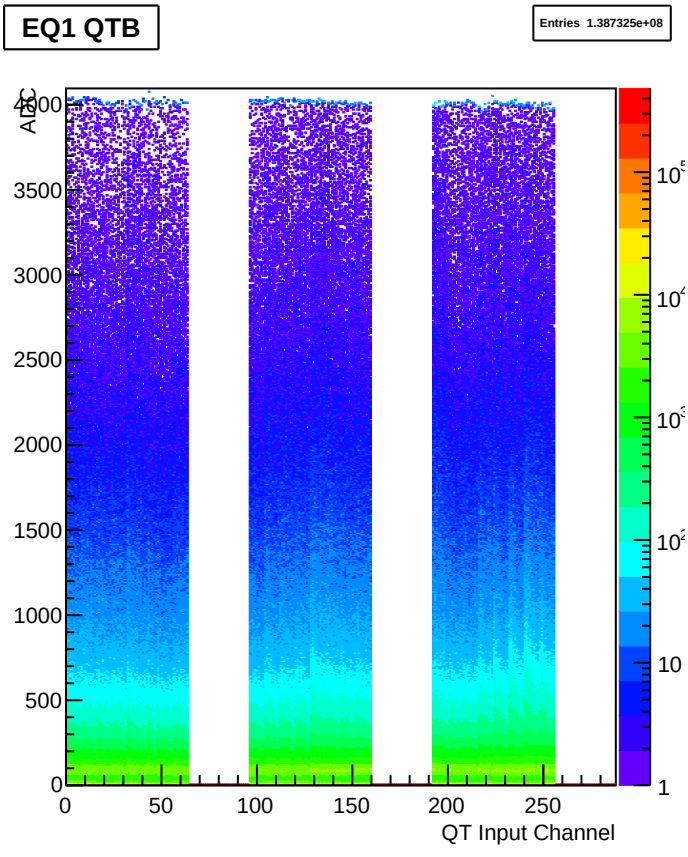

BBQ-ZD001 (ZDC TOWER)
Entries 7707360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

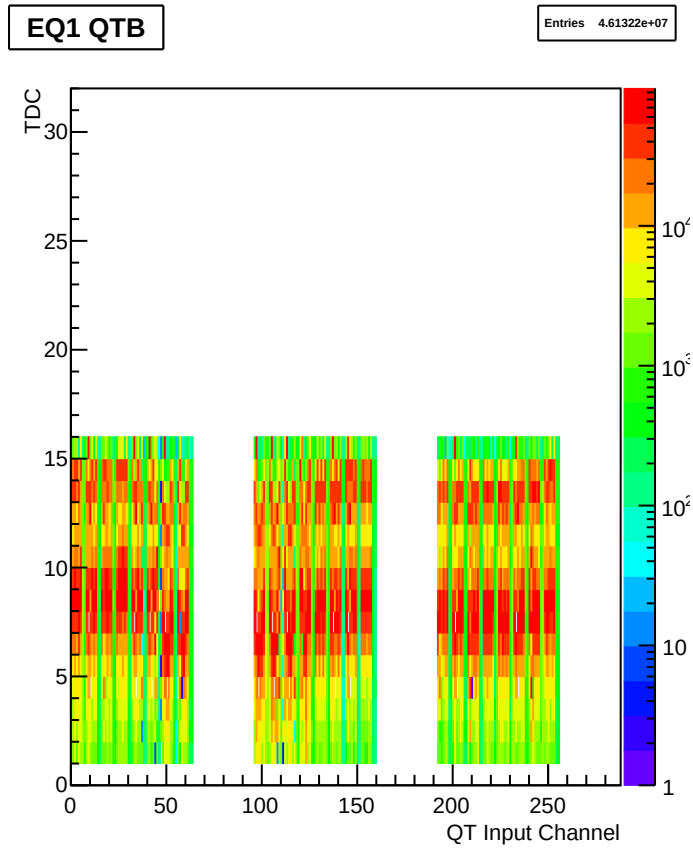

BBQ-VP001 East
Entries 7707360
ADC
QT Input Channel

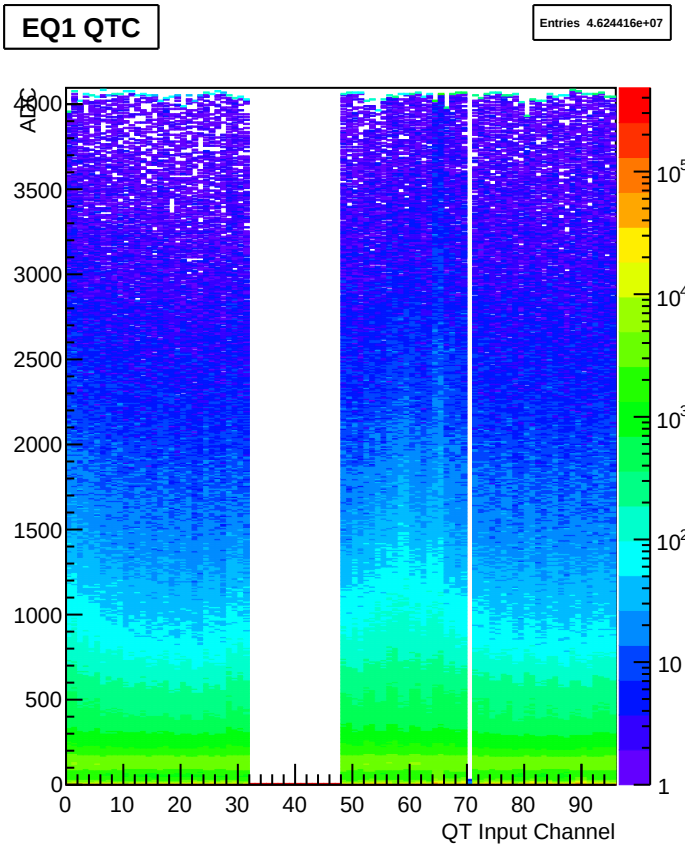

BBQ-VP001 East
Entries 7707360
TADC
QT Input Channel

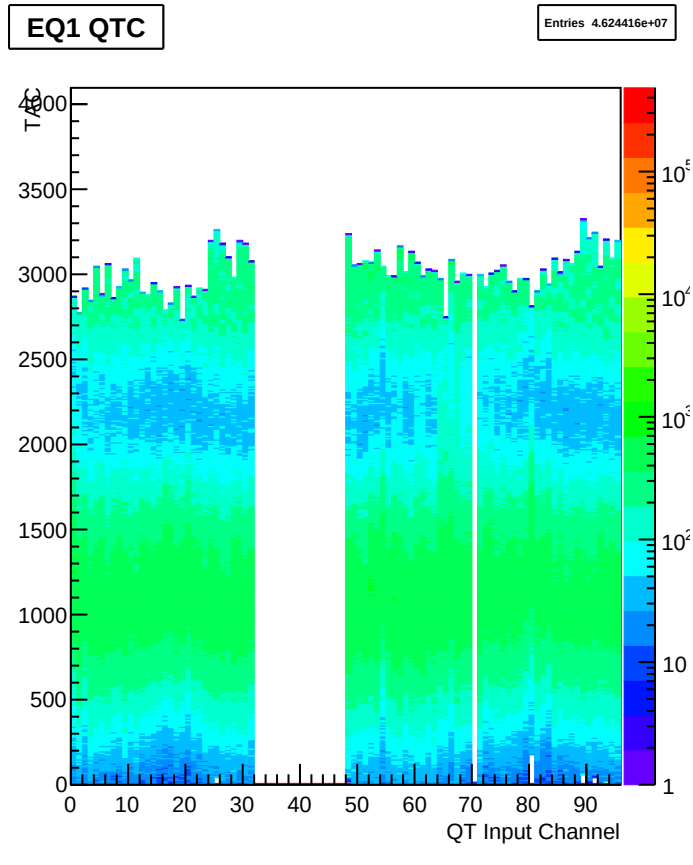

BBQ-VP002 West
Entries 7707360
ADC
QT Input Channel

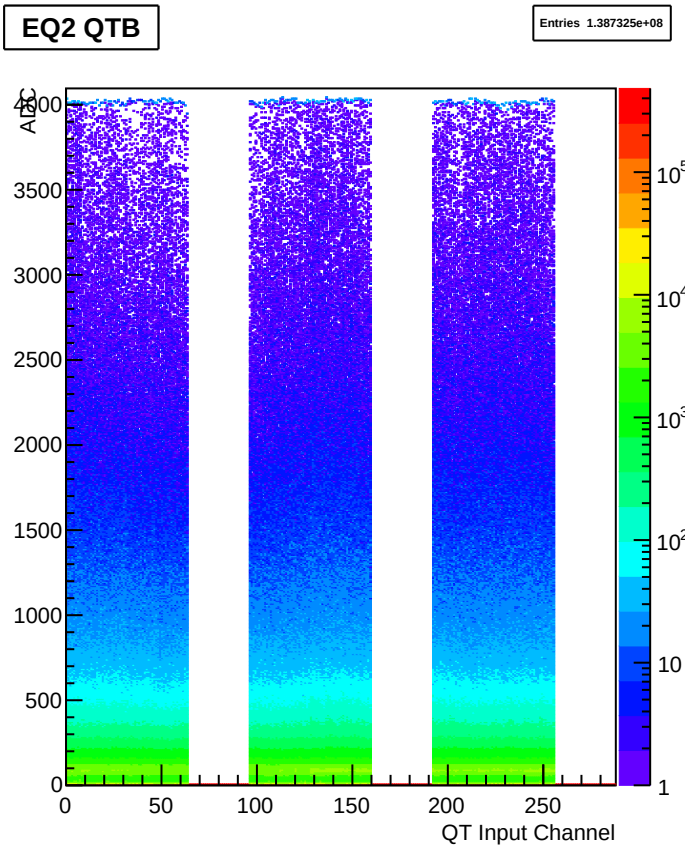

BBQ-VP002 West
Entries 7707360
TADC
QT Input Channel

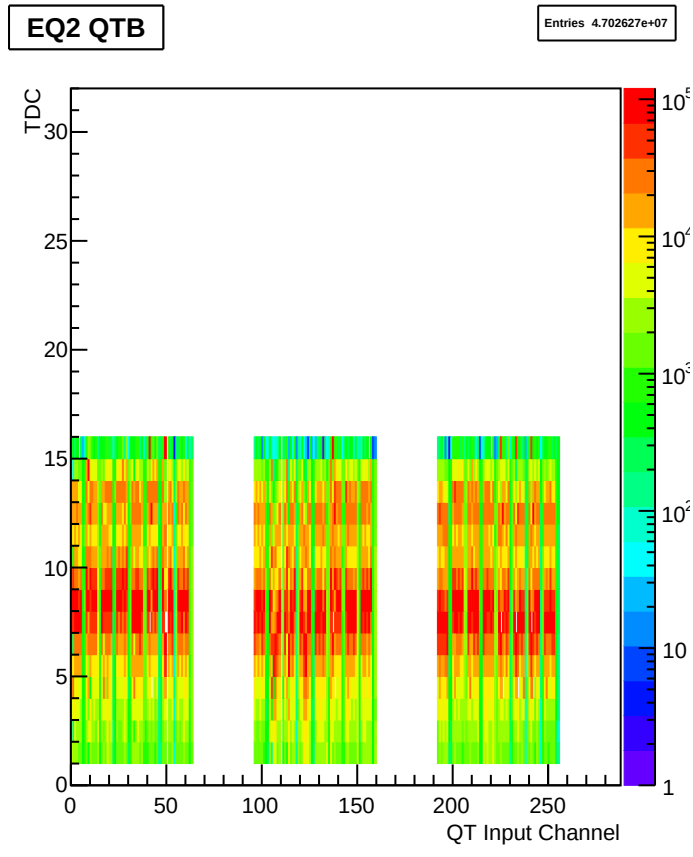

EQ1 QTB
Entries 1.387325e+08
ADC
QT Input Channel

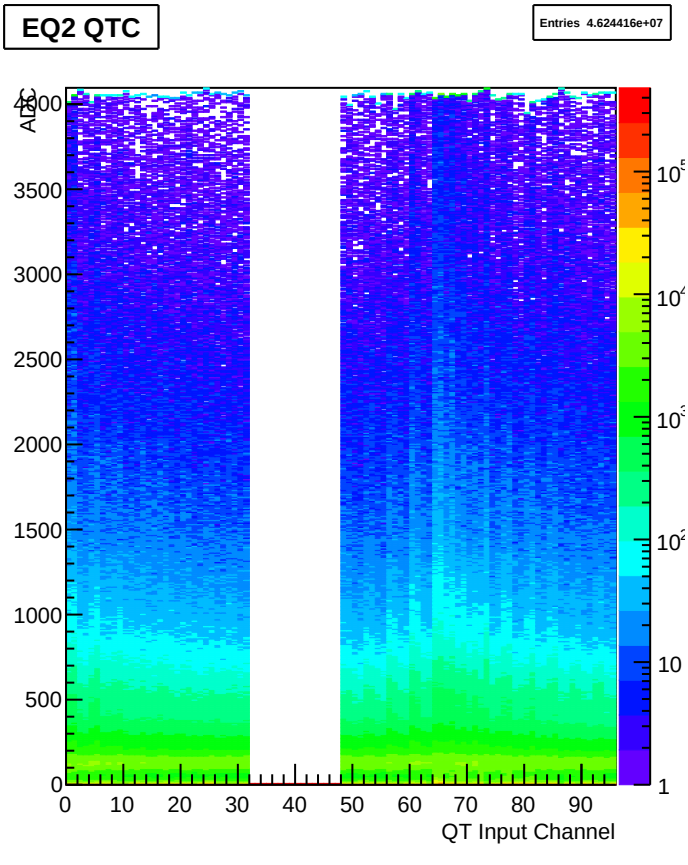

EQ1 QTB
Entries 4.61322e+07
TDC
QT Input Channel

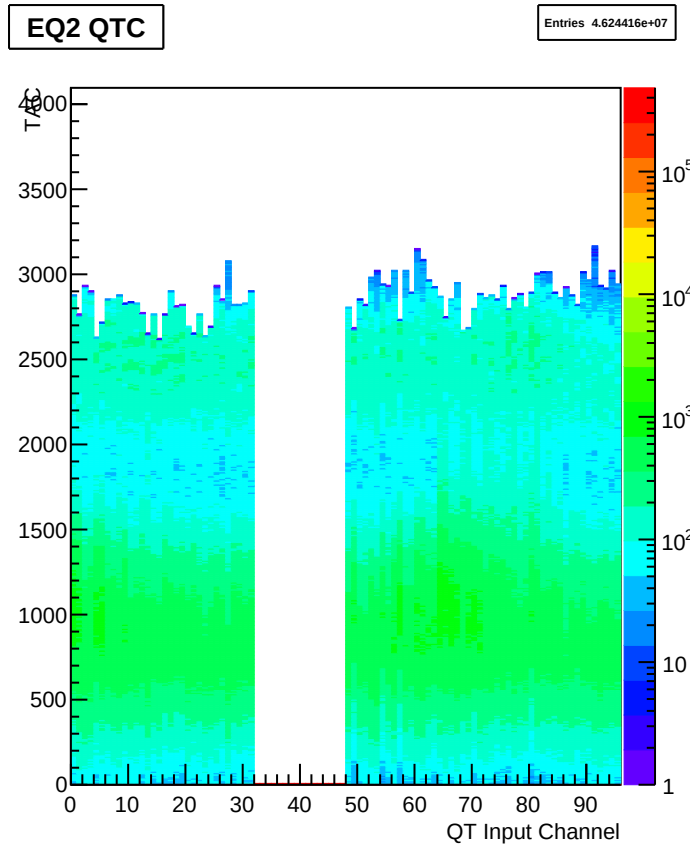

EQ1 QTC
Entries 4.624416e+07
ADC
QT Input Channel

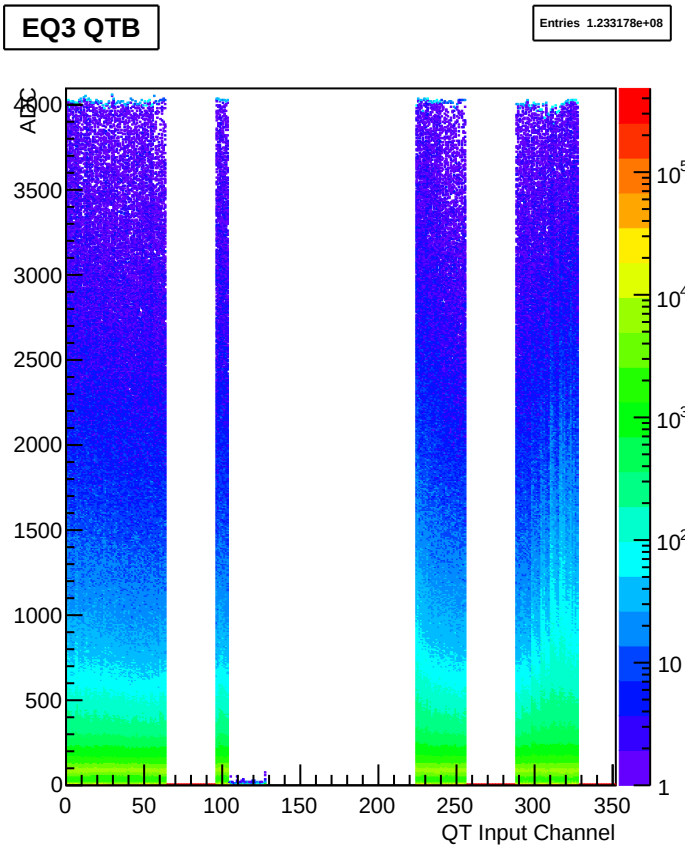

EQ1 QTC
Entries 4.624416e+07
TADC
QT Input Channel

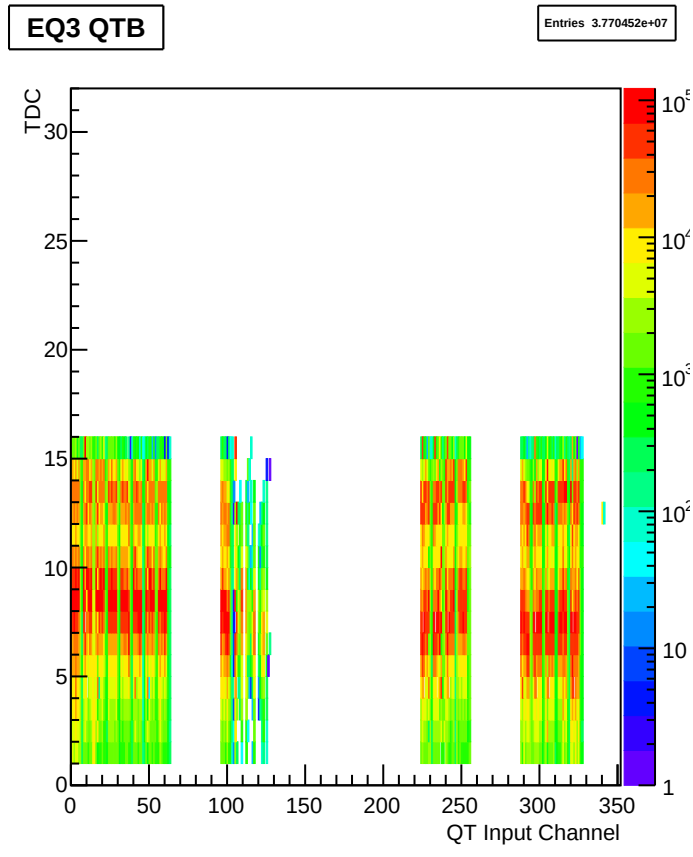

EQ2 QTB
Entries 1.387325e+08
ADC
QT Input Channel

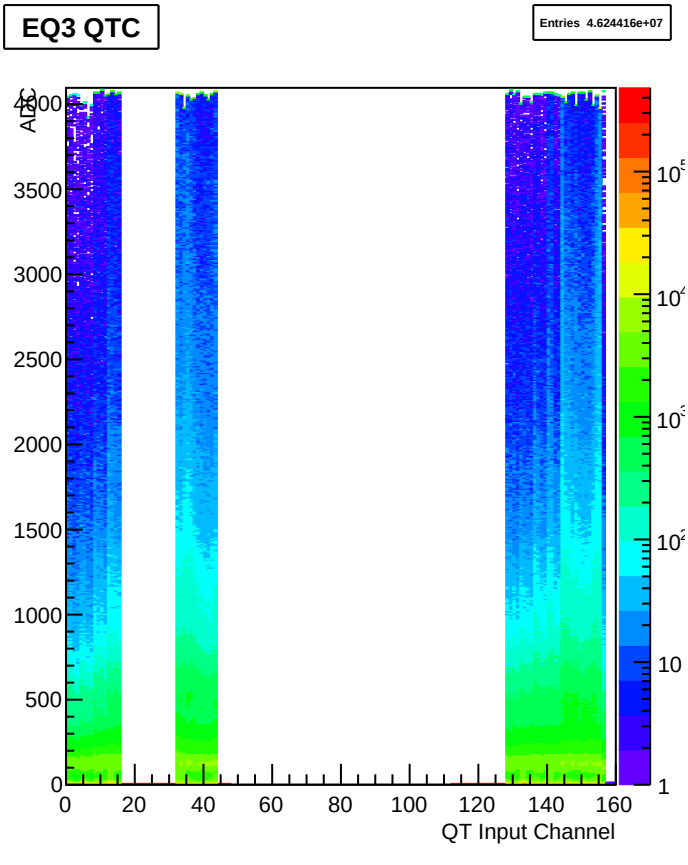

EQ2 QTB
Entries 4.702627e+07
TDC
QT Input Channel

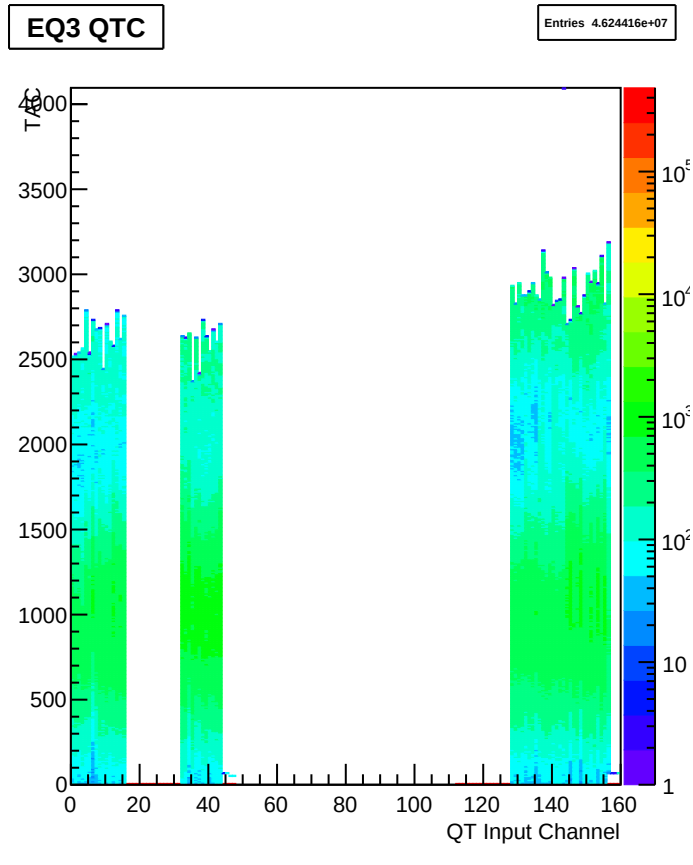

EQ2 QTC
Entries 4.624416e+07
ADC
QT Input Channel

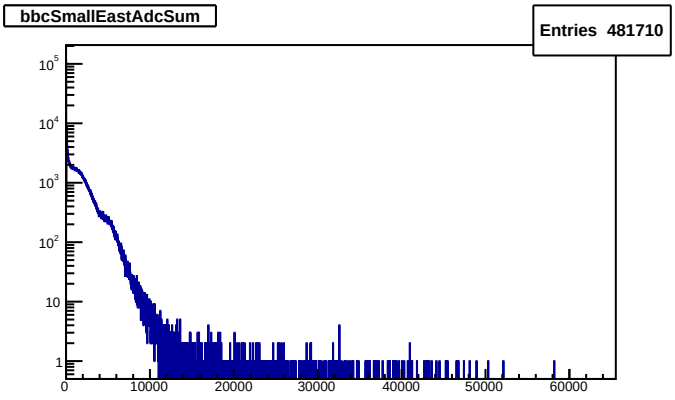

EQ2 QTC
Entries 4.624416e+07
TADC
QT Input Channel

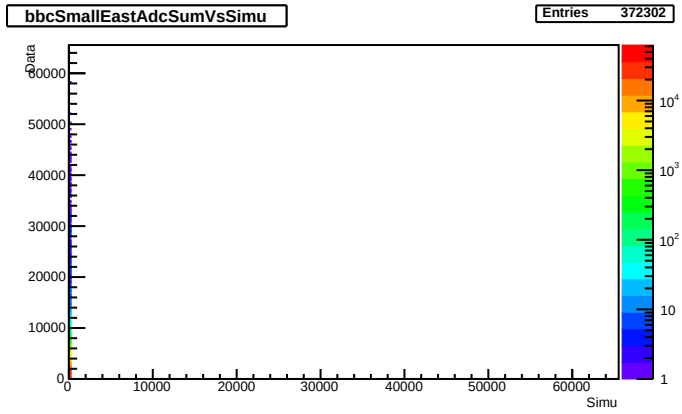

EQ3 QTB
Entries 1.233178e+08
ADC
QT Input Channel

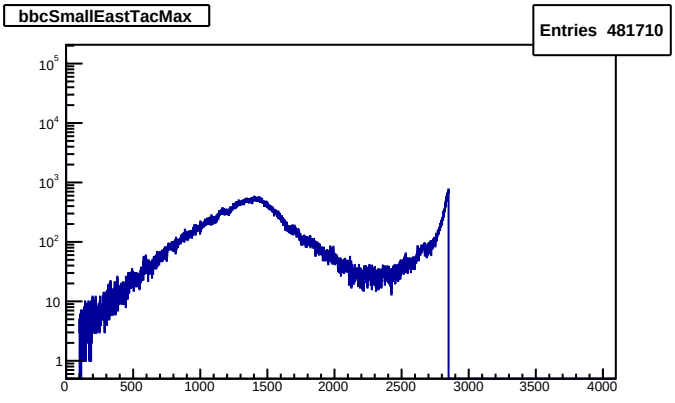

EQ3 QTB
Entries 3.770452e+07
TDC
QT Input Channel

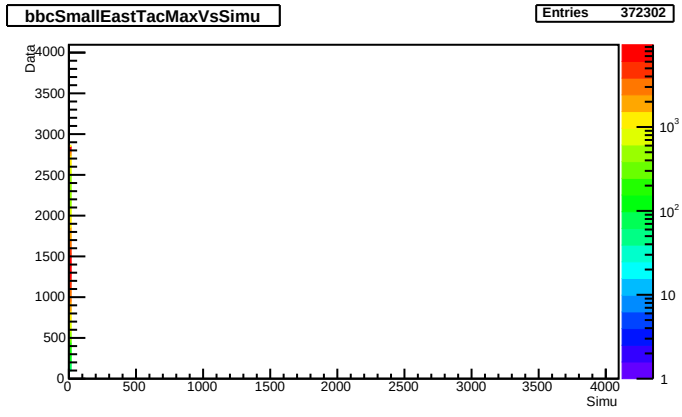

EQ3 QTC
Entries 4.624416e+07
ADC
QT Input Channel

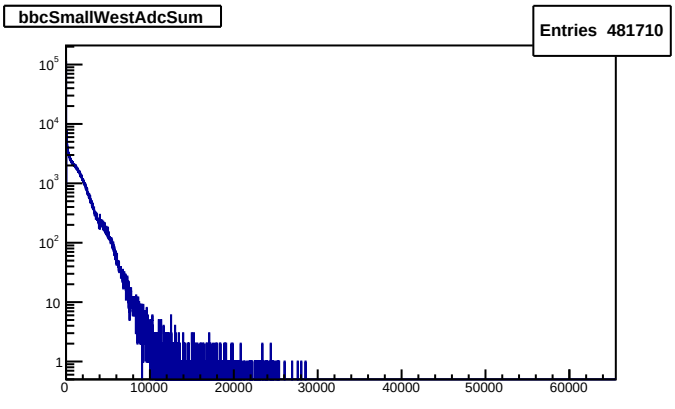

EQ3 QTC
Entries 4.624416e+07
TADC
QT Input Channel

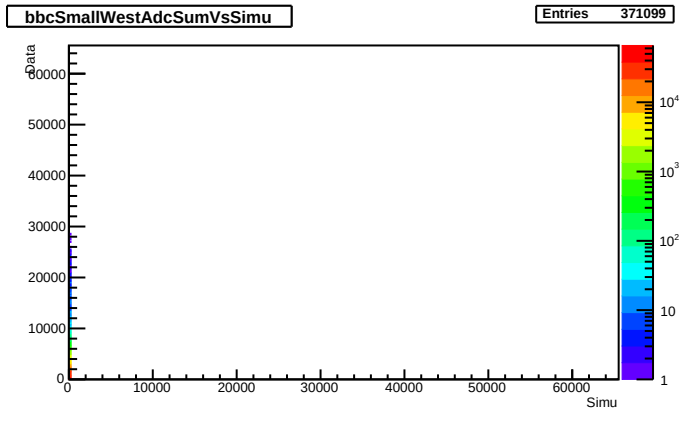

bbcSmallEastAdcSum
Entries 481710

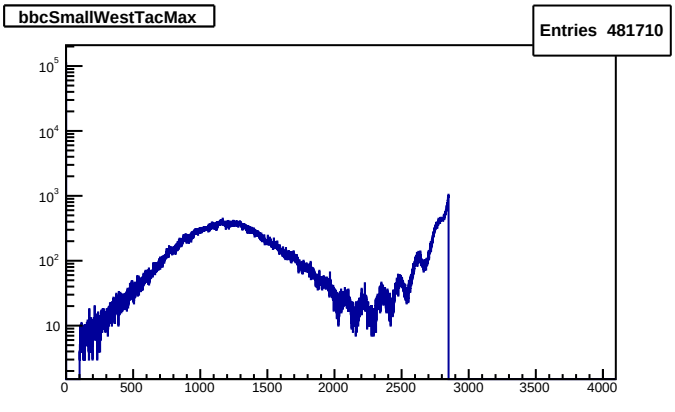

bbcSmallEastAdcSumVsSimu
Entries 372302
Data
Simu

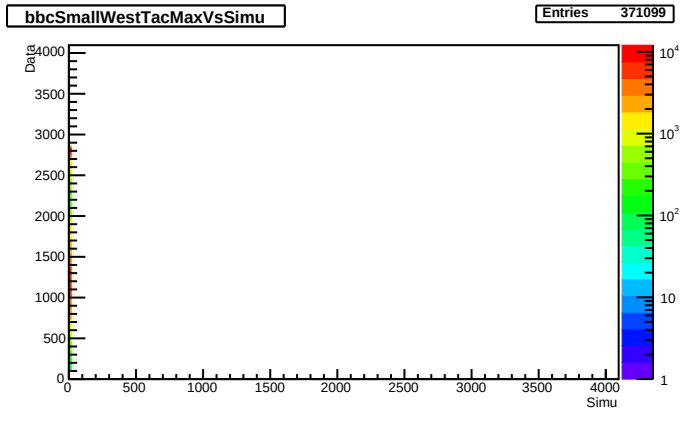

bbcSmallEastTacMax
Entries 481710

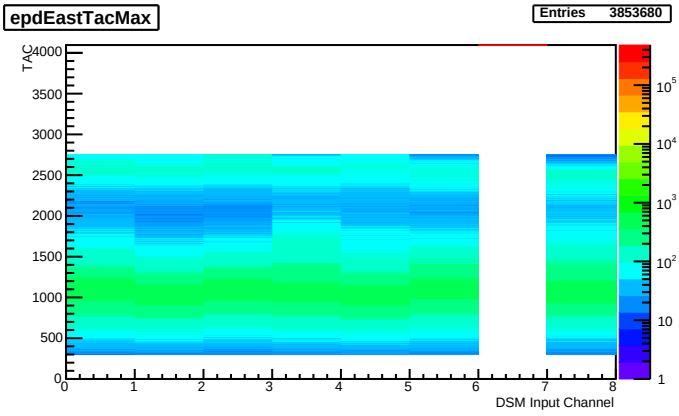

bbcSmallEastTacMaxVsSimu
Entries 372302
Data
Simu

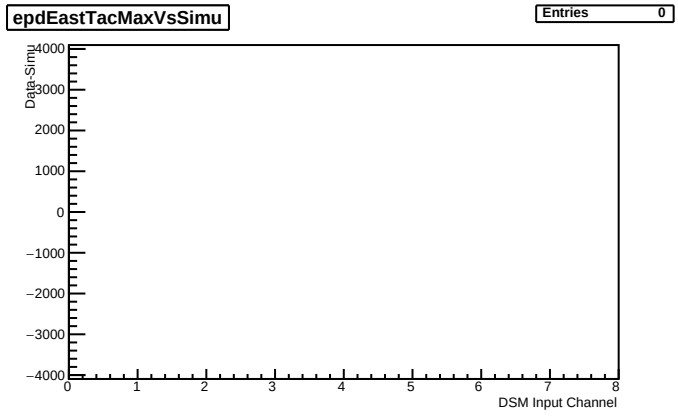

bbcSmallWestAdcSum
Entries 481710

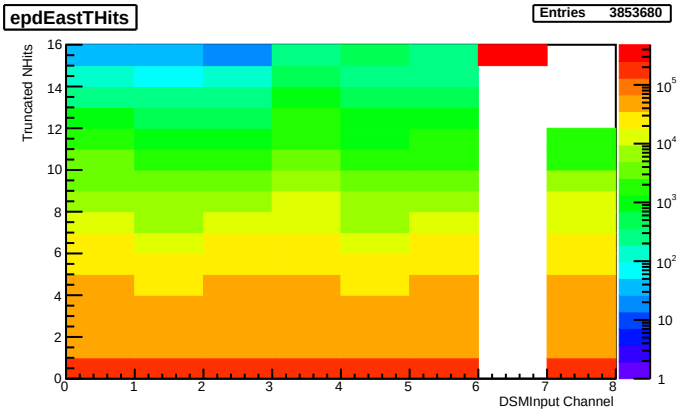

bbcSmallWestAdcSumVsSimu
Entries 371099
Data
Simu

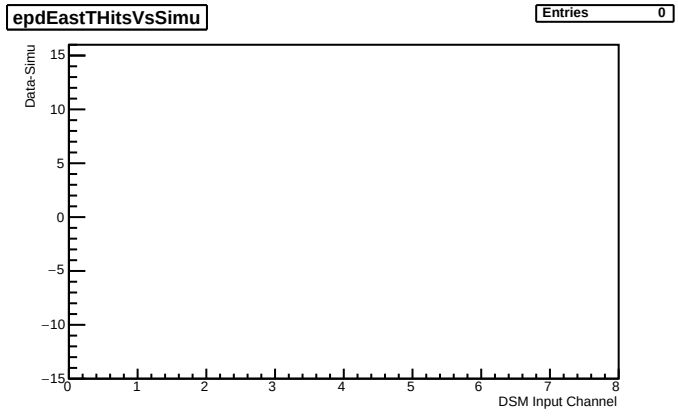

bbcSmallWestTacMax
Entries 481710

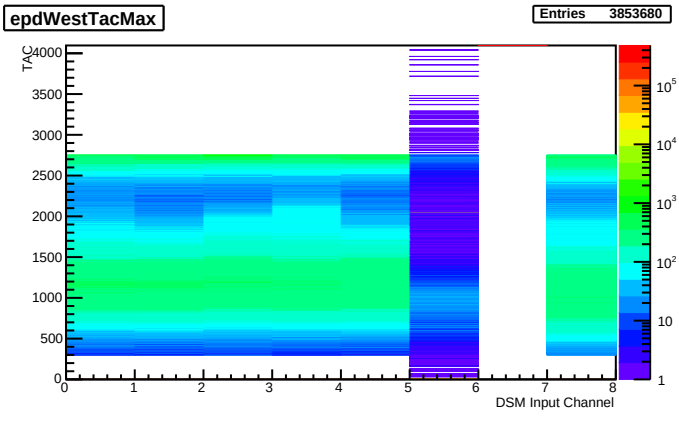

bbcSmallWestTacMaxVsSimu
Entries 371099
Data
Simu

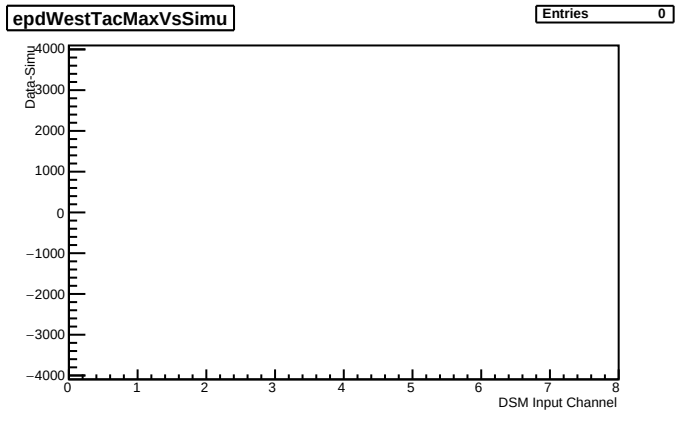

epdEastTacMax
Entries 3853680
TAC
DSM Input Channel

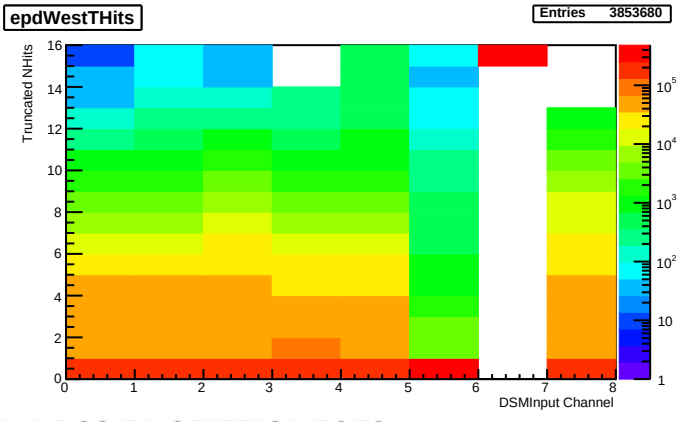

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

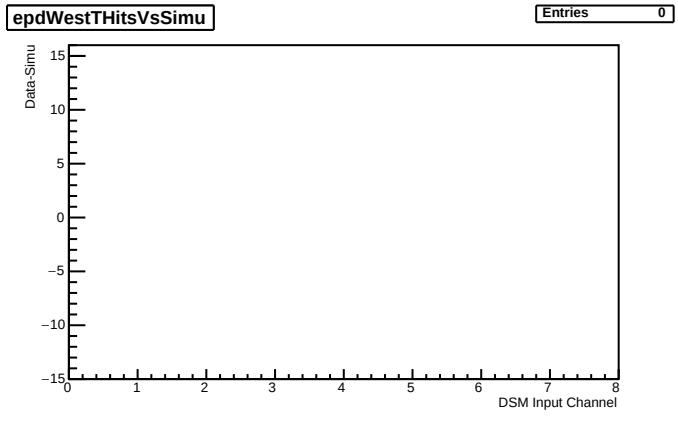

epdEastTHits
Entries 3853680
Truncated NHits
DSMInput Channel

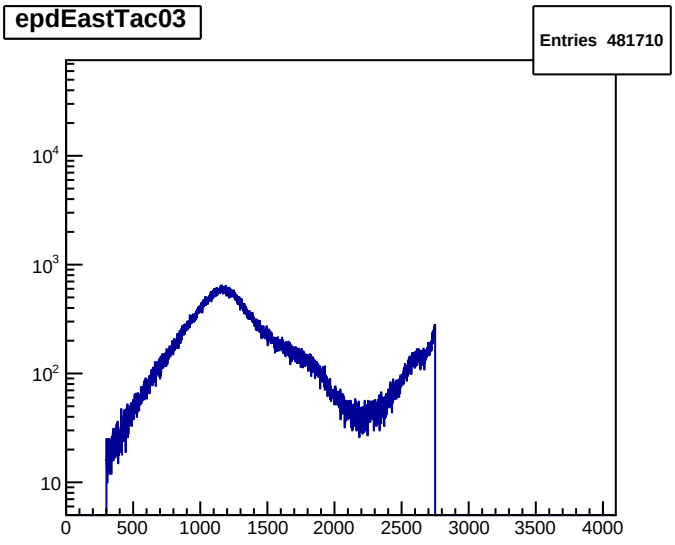

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

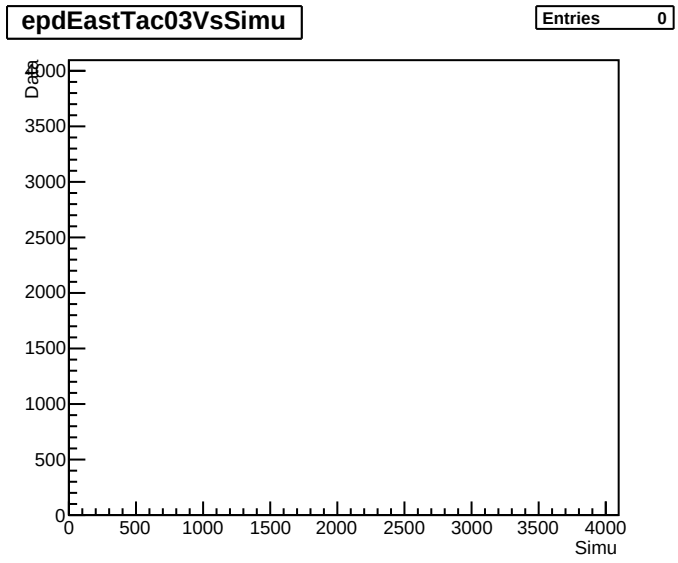

epdWestTacMax
Entries 3853680
TAC
DSM Input Channel

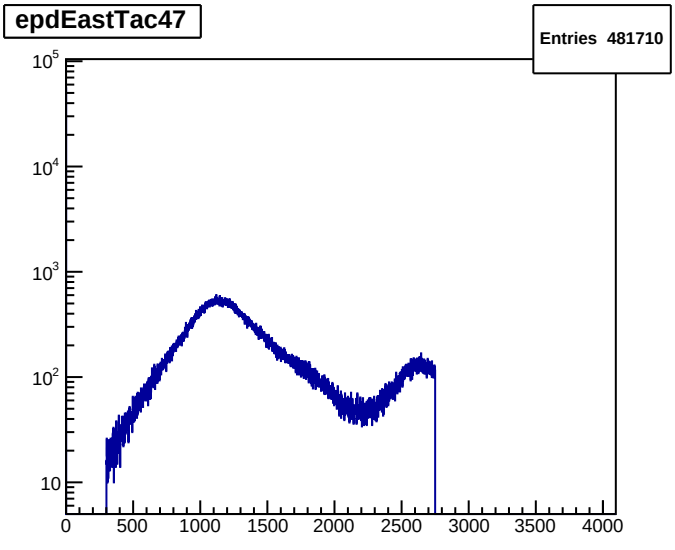

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

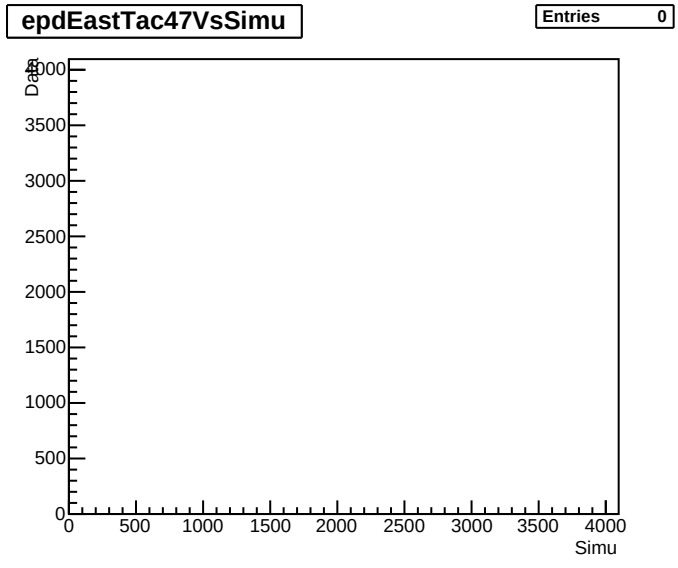

epdWestTHits
Entries 3853680
Truncated NHits
DSMInput Channel

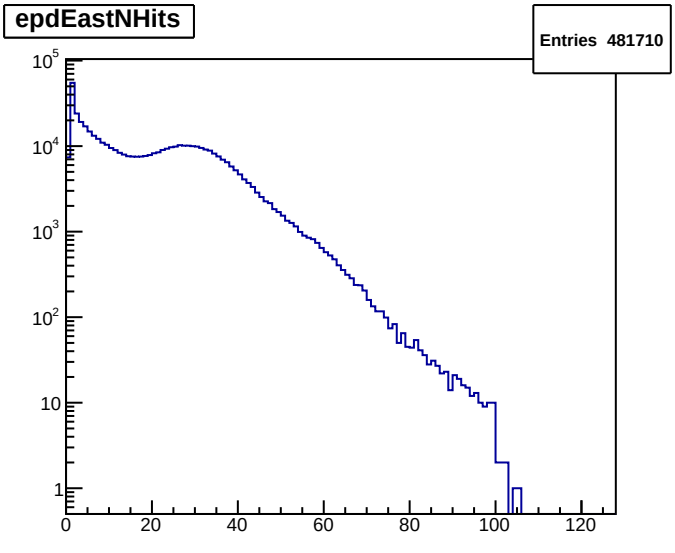

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

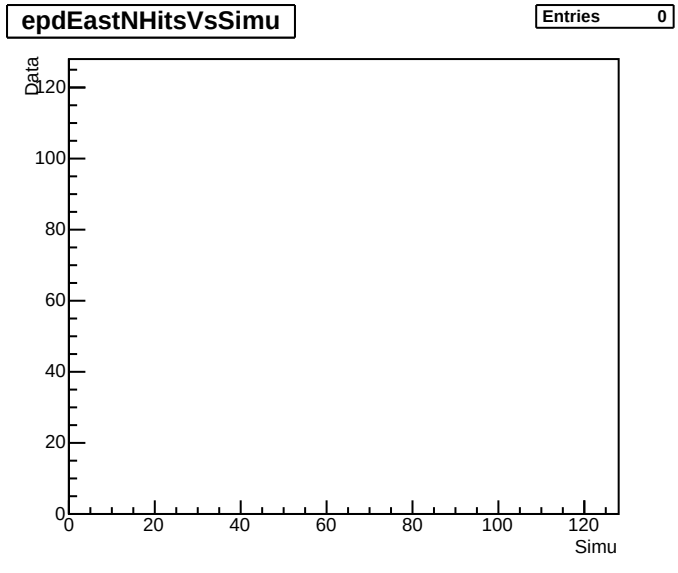

epdEastTac03
Entries 481710


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 481710


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 481710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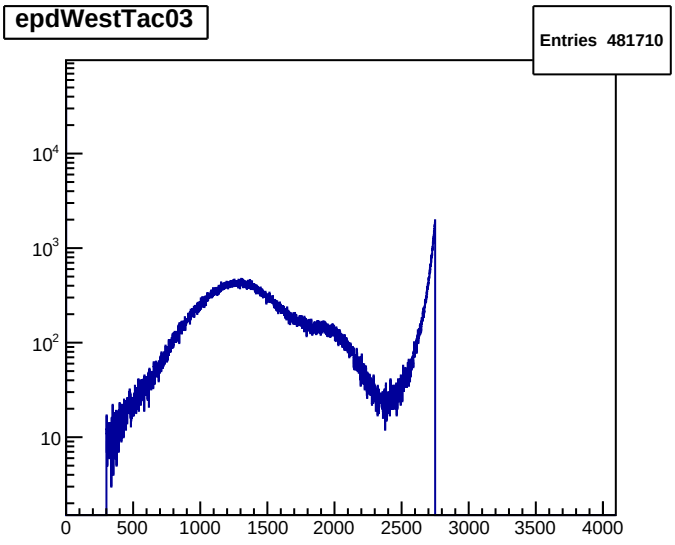
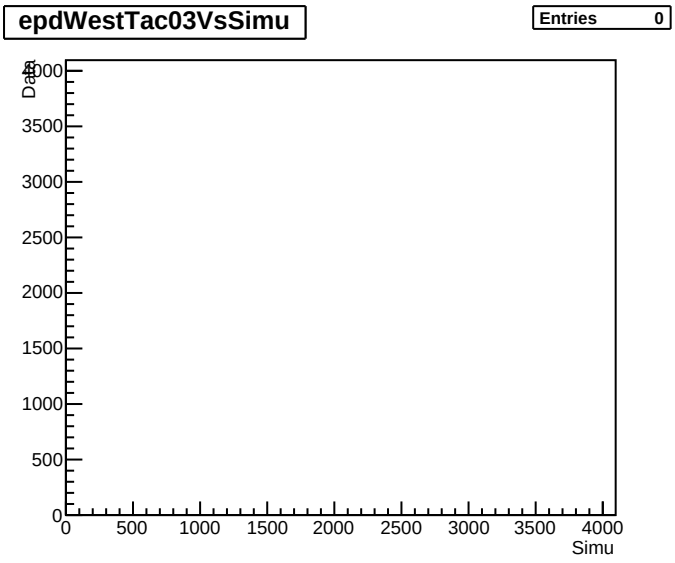
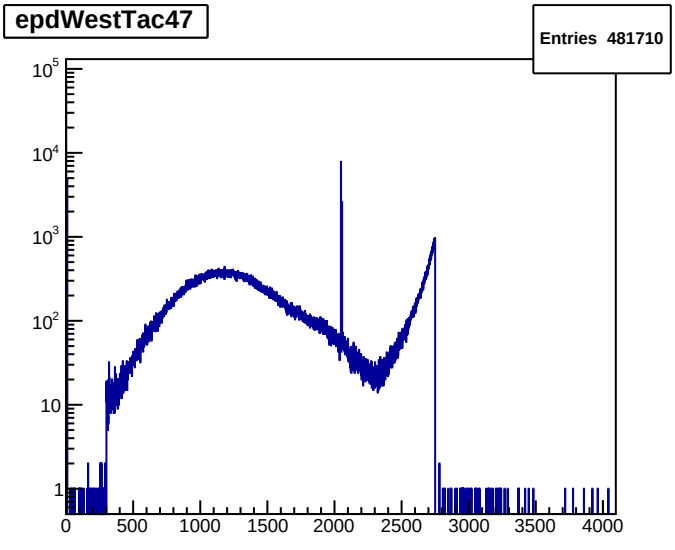
Entries 0
Data
Simu


epdWestTac03
Entries 481710


epdWestTac03VsSimu
Entries 0
Data
Simu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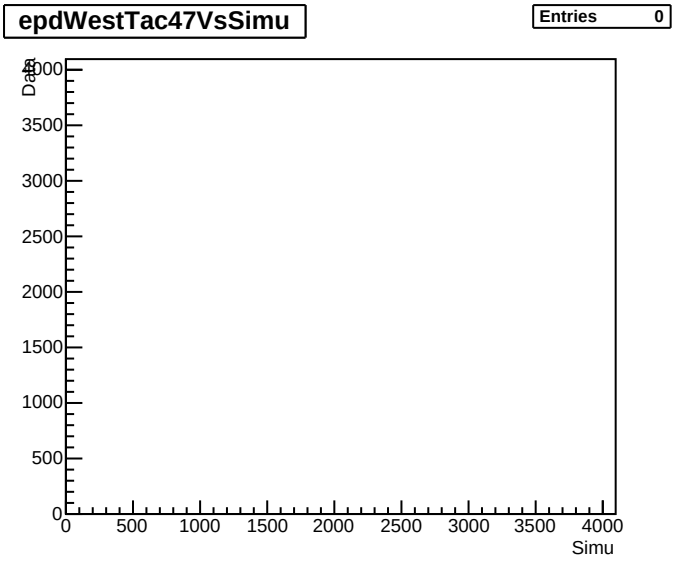
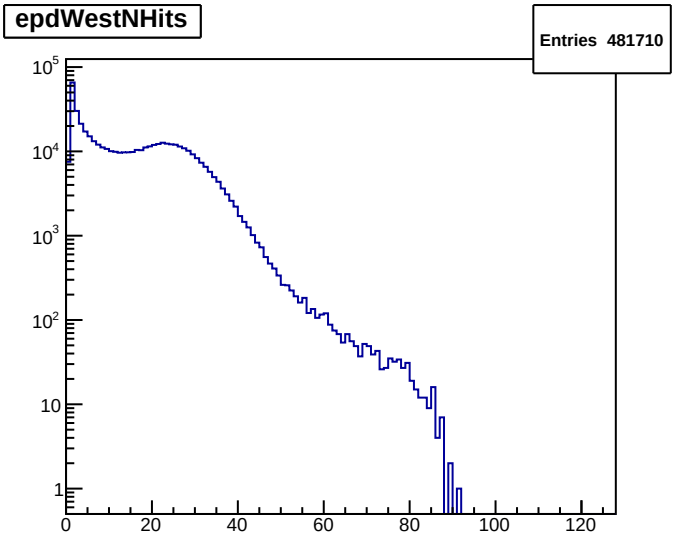
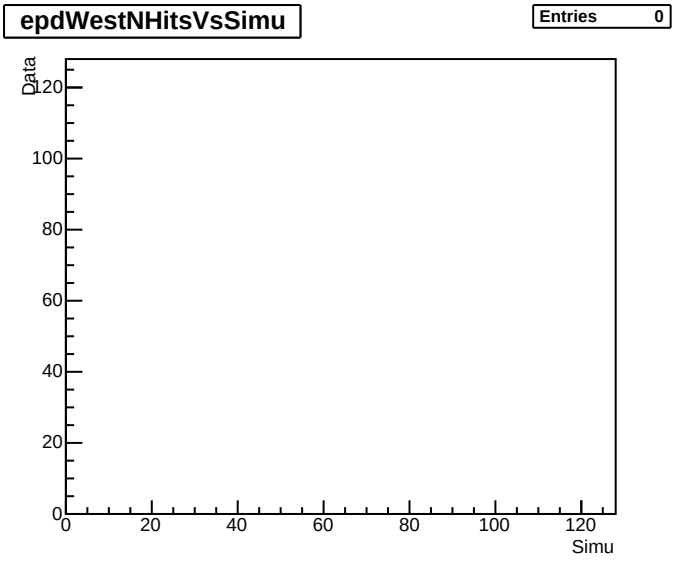
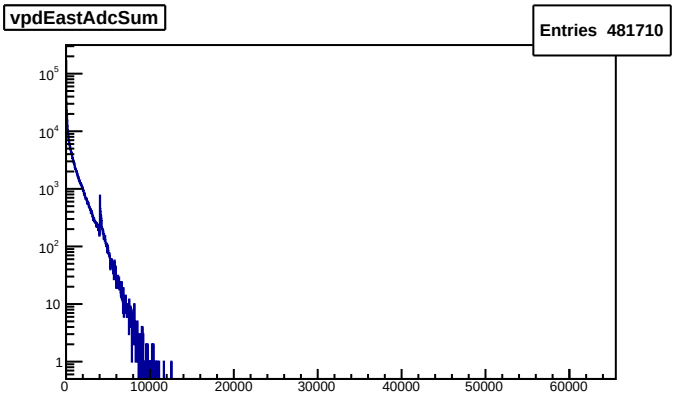
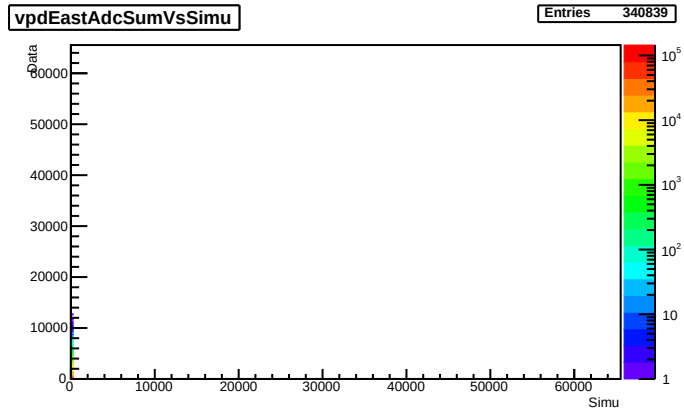
Entries 481710

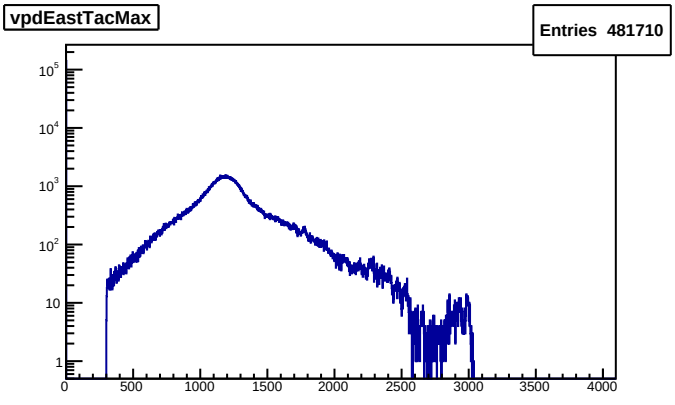

epdWestTac47VsSimu
Entries 0
Data
Simu

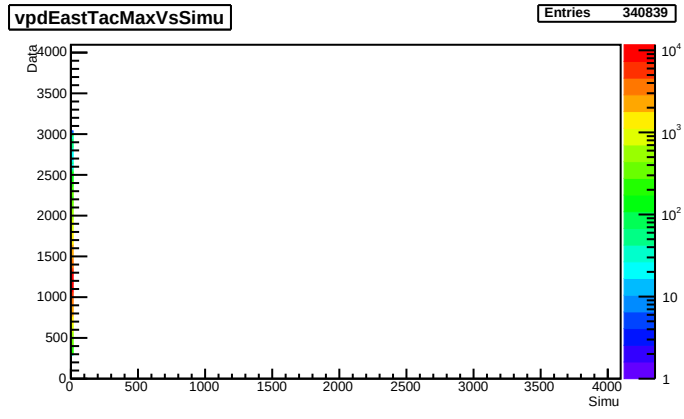

epdWestNHits
Entries 481710

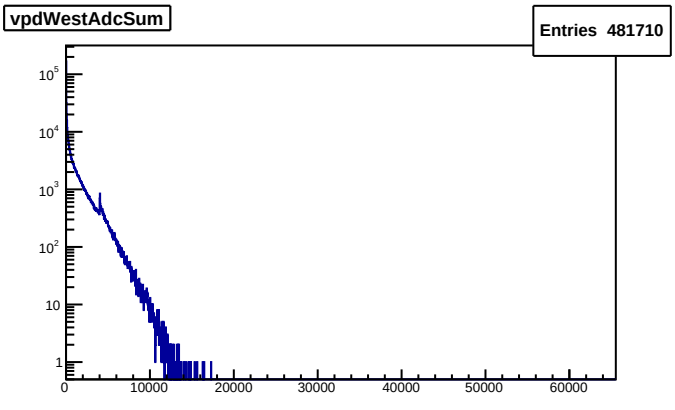

epdWestNHitsVsSimu
Entries 0
Data
Simu

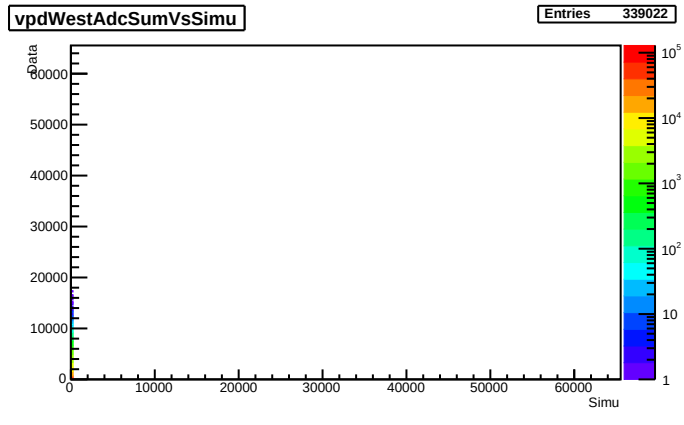

vpdEastAdcSum
Entries 481710

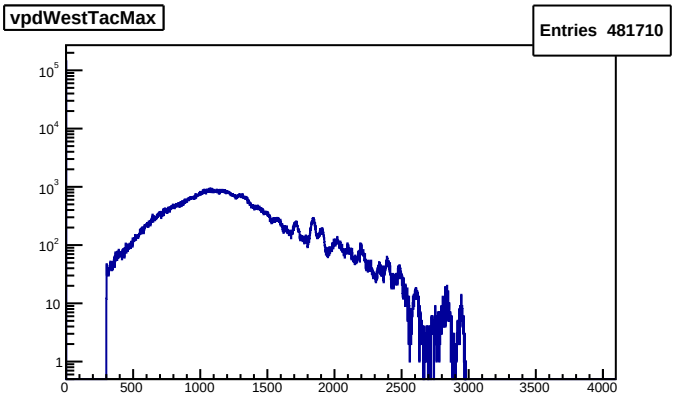

vpdEastAdcSumVsSimu
Entries 340839
Data
Simu

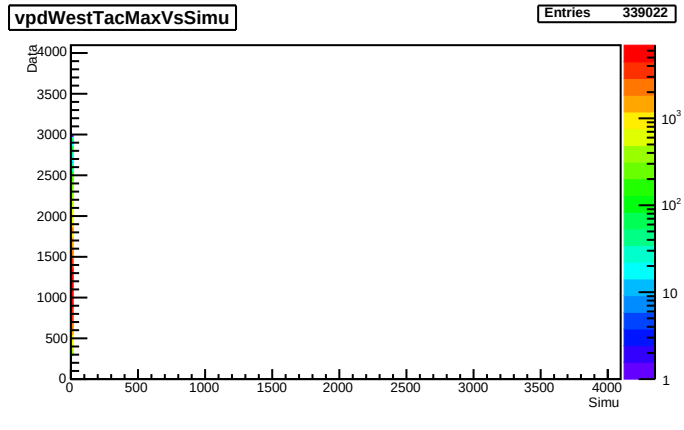

vpdEastTacMax
Entries 481710

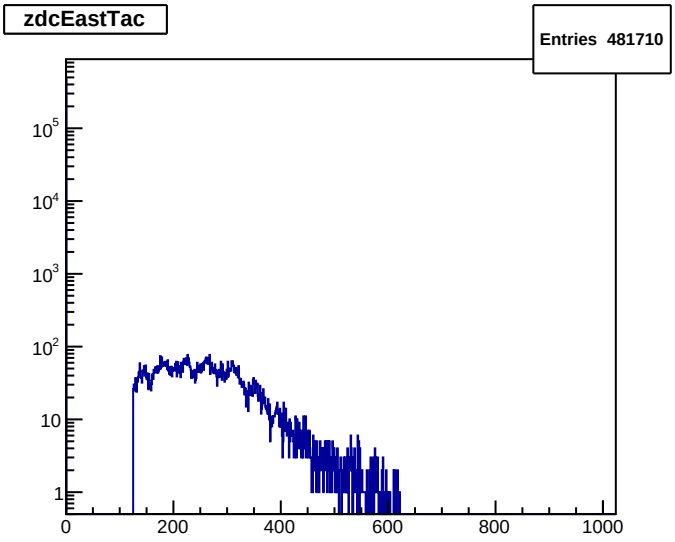

vpdEastTacMaxVsSimu
Entries 340839
Data
Simu

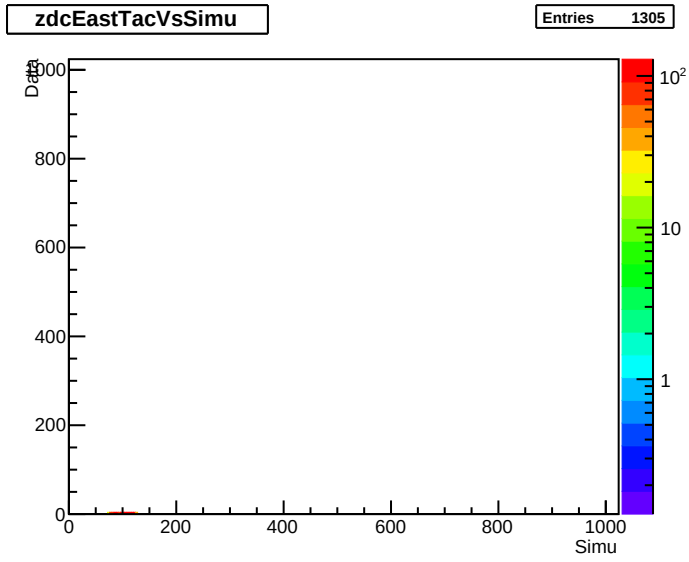

vpdWestAdcSum
Entries 481710

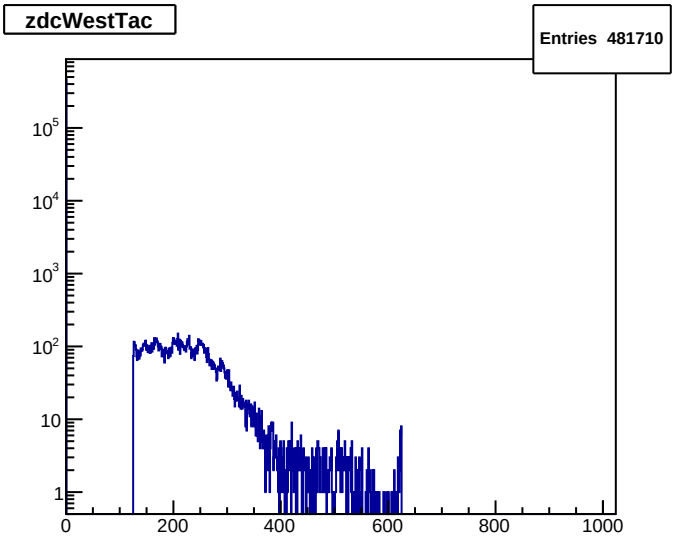

vpdWestAdcSumVsSimu
Entries 339022
Data
Simu

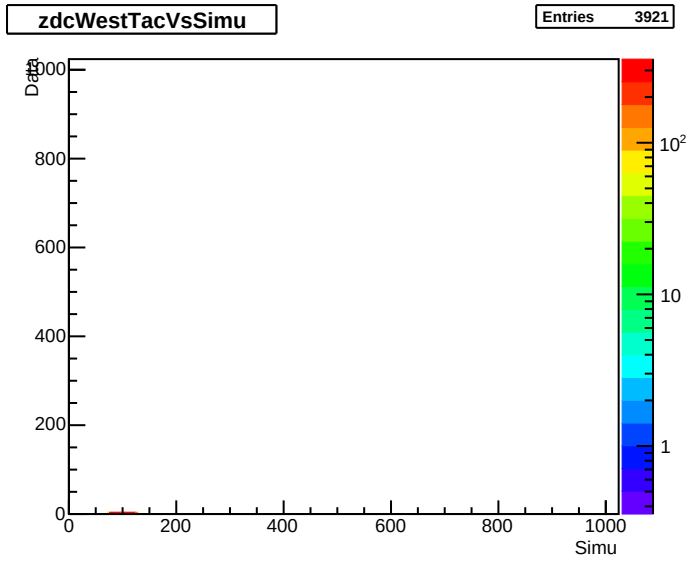

vpdWestTacMax
Entries 481710

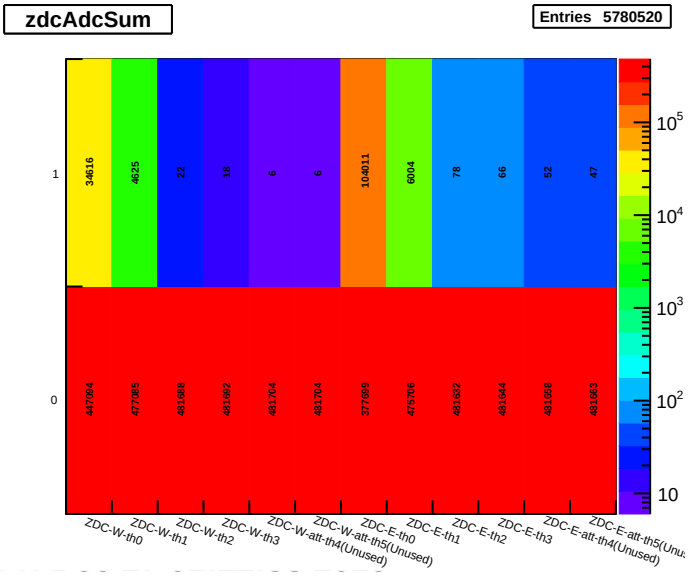

vpdWestTacMaxVsSimu
Entries 339022
Data
Simu

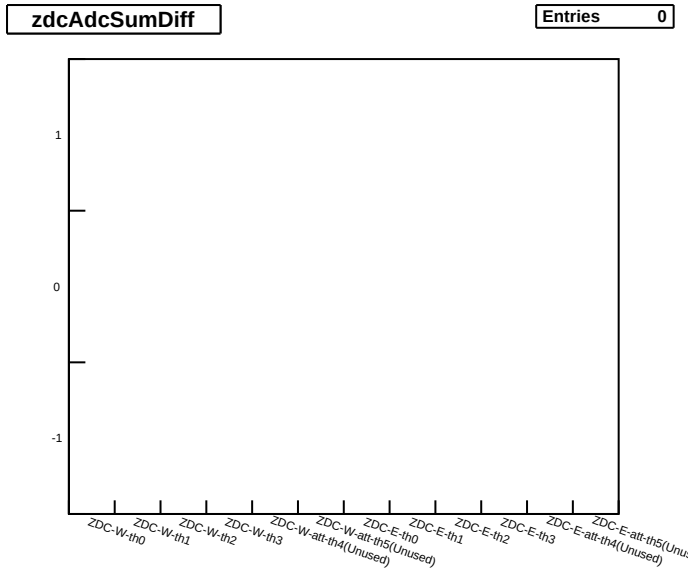

zdcEastTac
Entries 481710

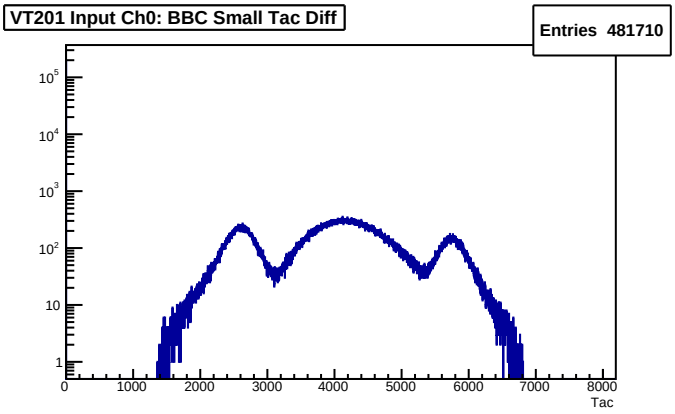

zdcEastTacVsSimu
Entries 1305
Data
Simu

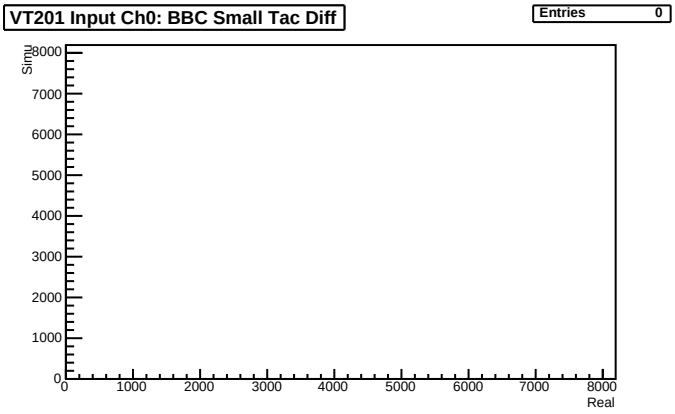

zdcWestTac
Entries 481710

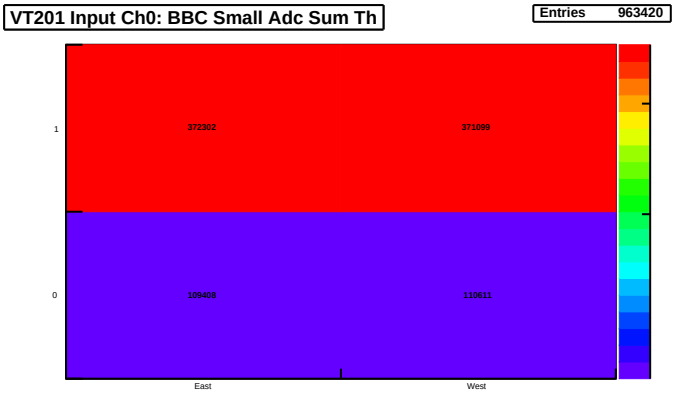

zdcWestTacVsSimu
Entries 3921
Data
Simu

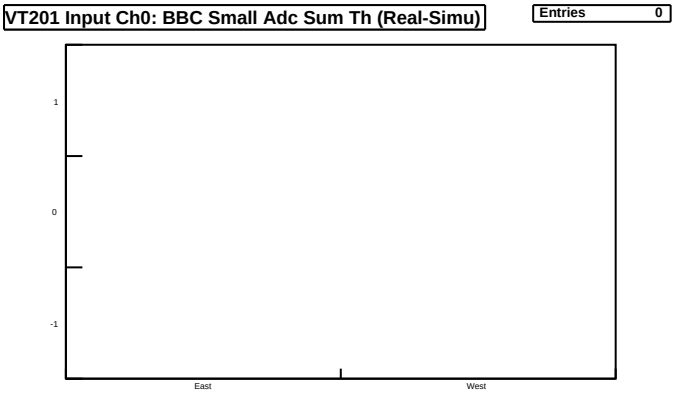

zdcAdcSum
Entries 5780520
34616
4625
22
18
6
6
104011
6004
78
66
52
47
447084
477085
481688
481692
481704
481704
377699
475706
481632
481644
481658
481663
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

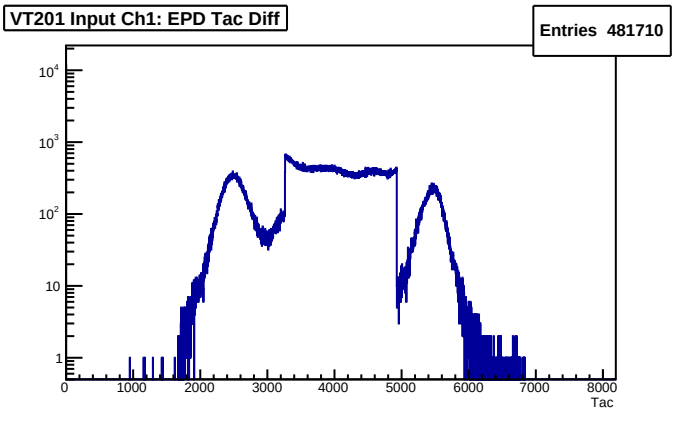

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

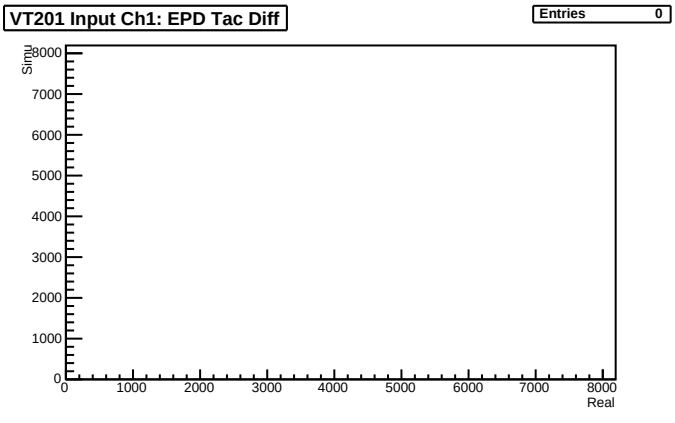

VT201 Input Ch0: BBC Small Tac Diff
Entries 481710
Tac

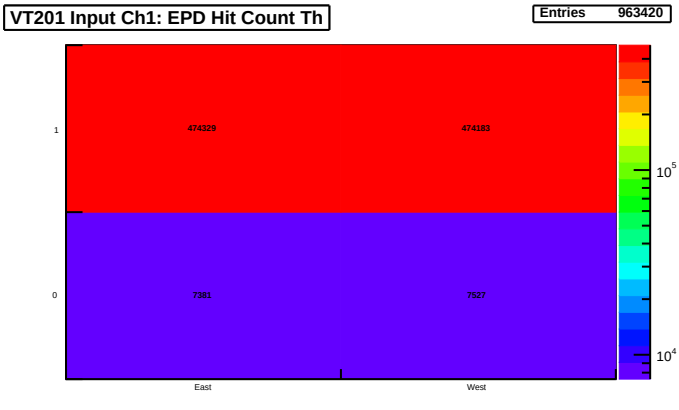

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

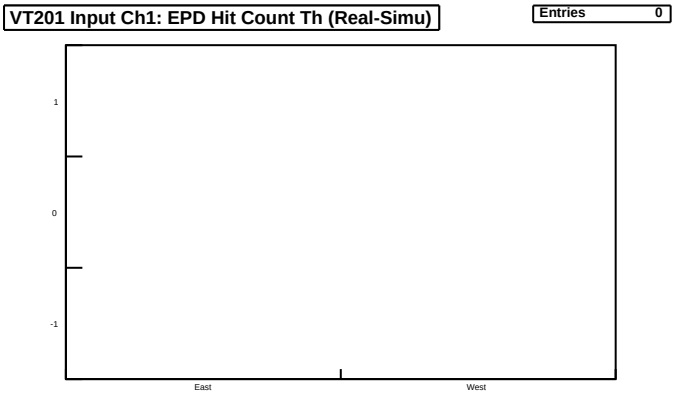

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 963420
372302
371099
109408
110611
East
West

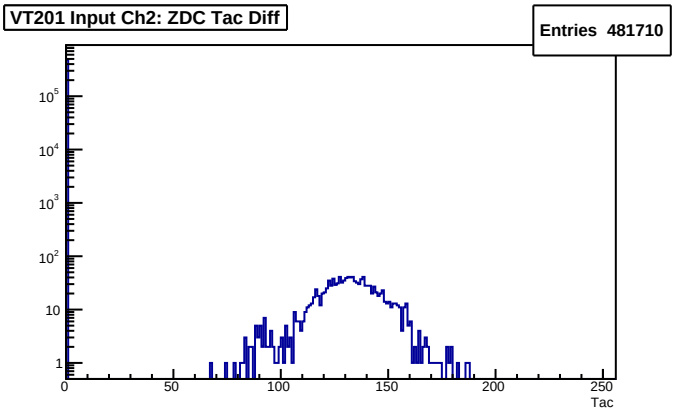

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

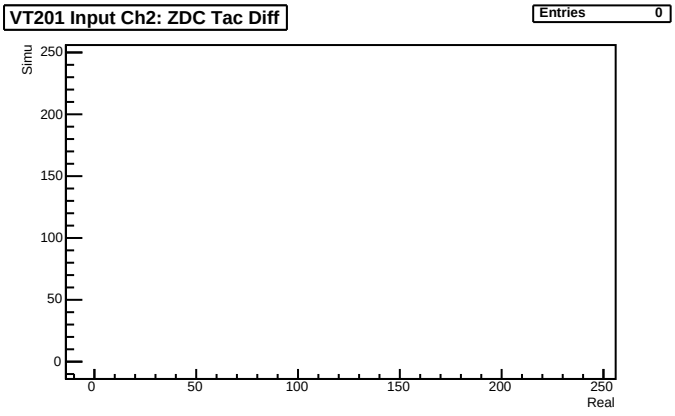

VT201 Input Ch1: EPD Tac Diff
Entries 481710
Tac

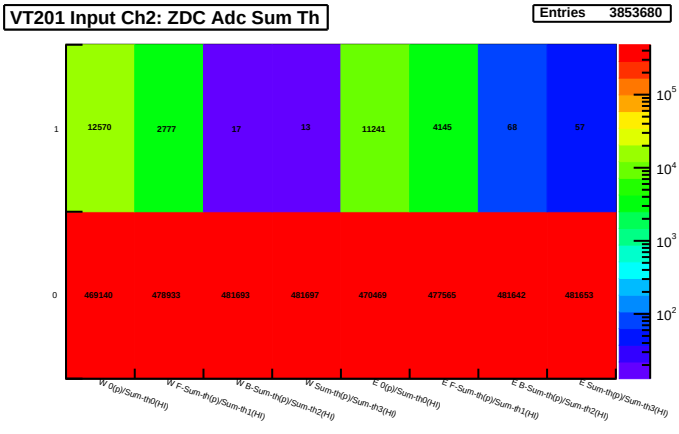

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

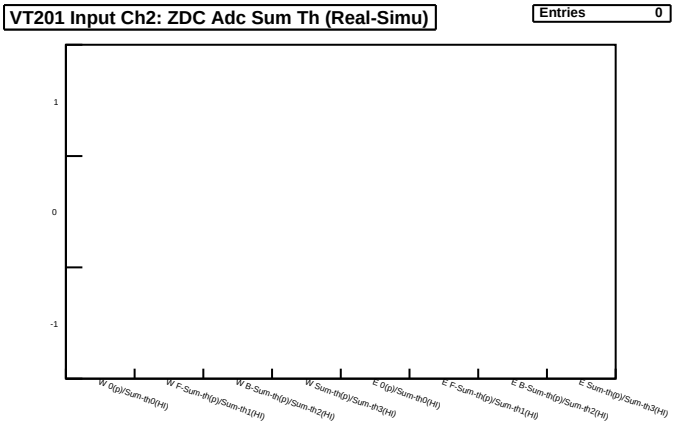

VT201 Input Ch1: EPD Hit Count Th
Entries 963420
474329
474183
7381
7527
East
West

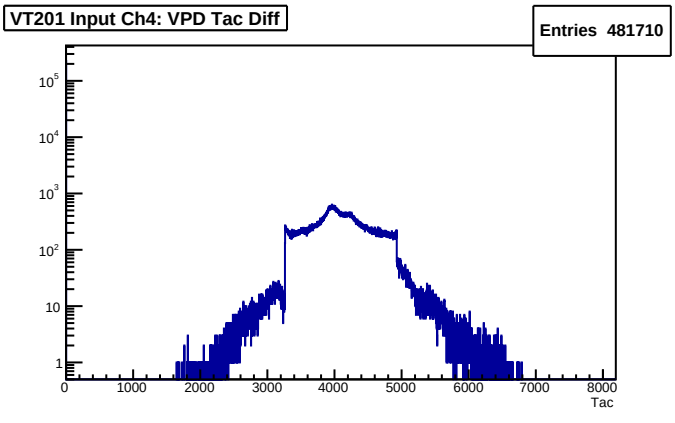

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

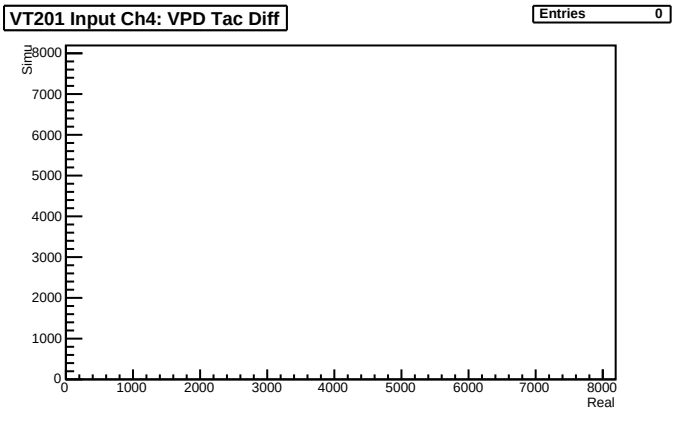

VT201 Input Ch2: ZDC Tac Diff
Entries 481710
Tac

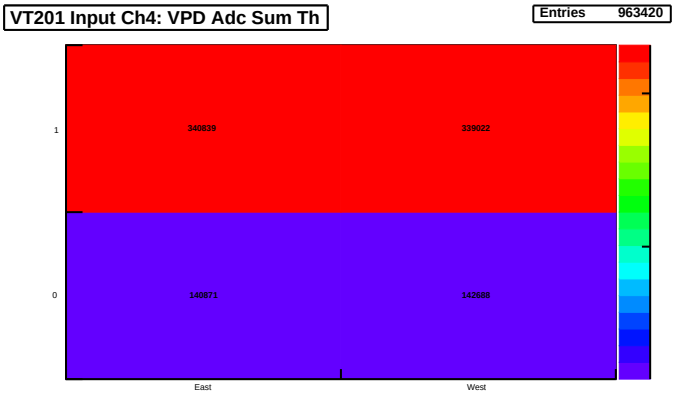

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

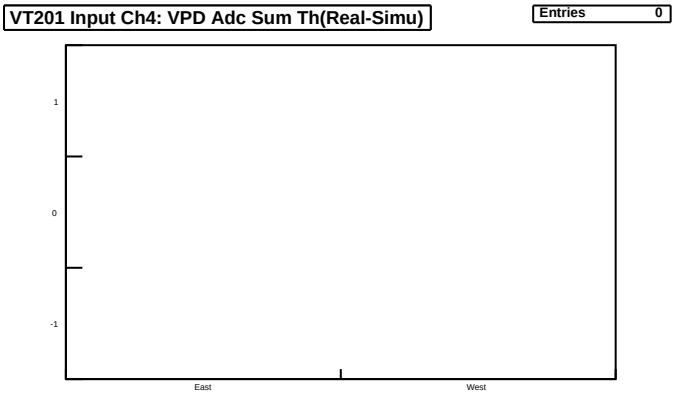

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3853680
12570
2777
17
13
11241
4145
68
57
469140
478933
481693
481697
470469
477565
481642
481653
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

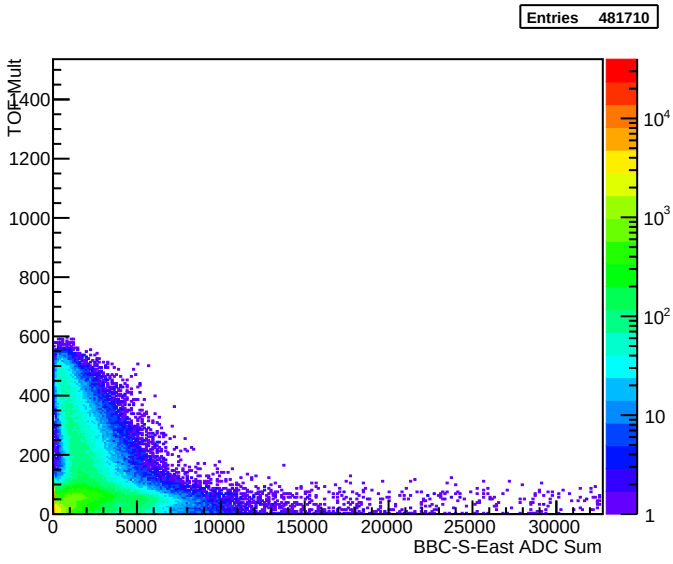

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

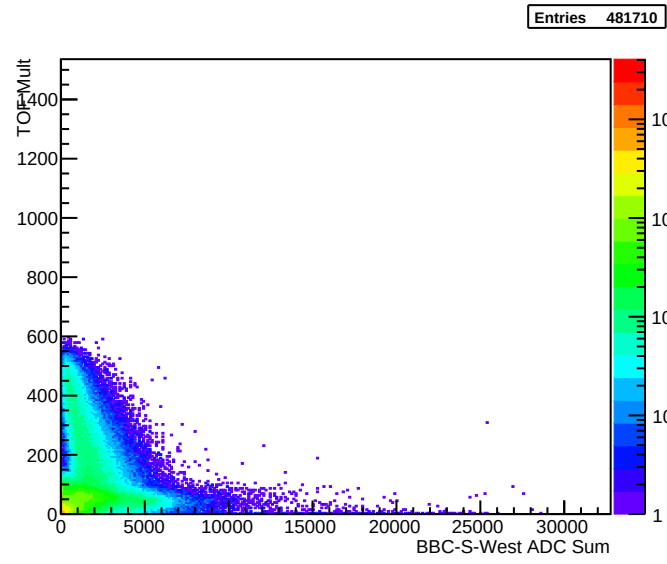

VT201 Input Ch4: VPD Tac Diff
Entries 481710
Tac

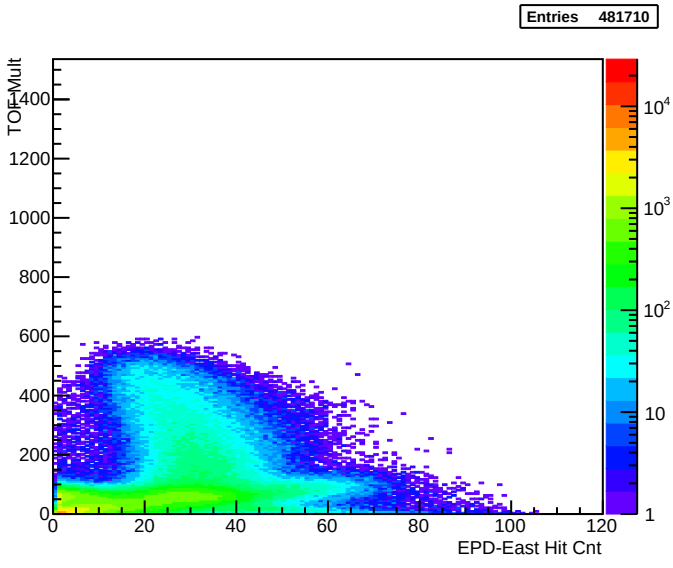

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

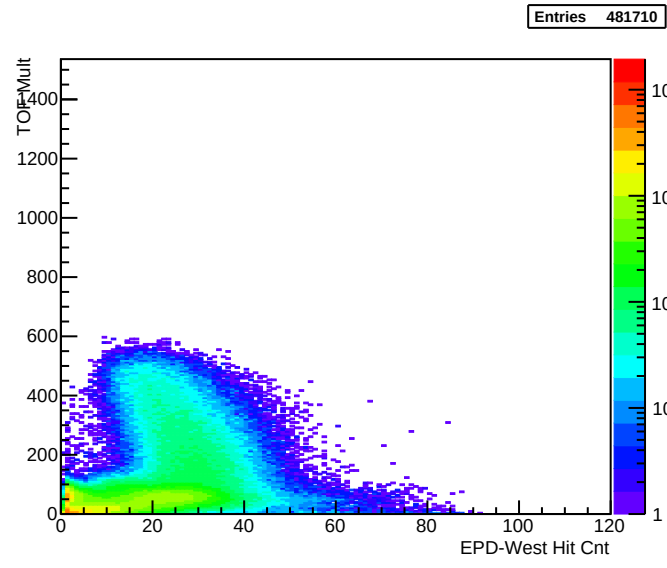

VT201 Input Ch4: VPD Adc Sum Th
Entries 963420
340839
339022
140871
142688
East
West

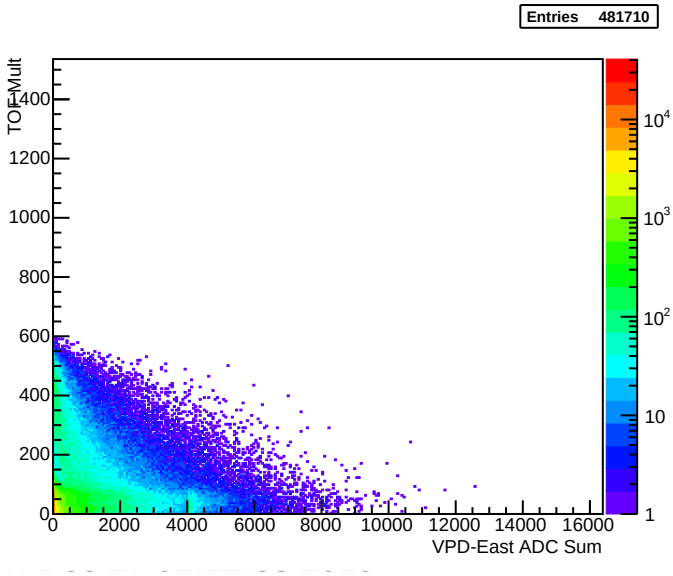

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

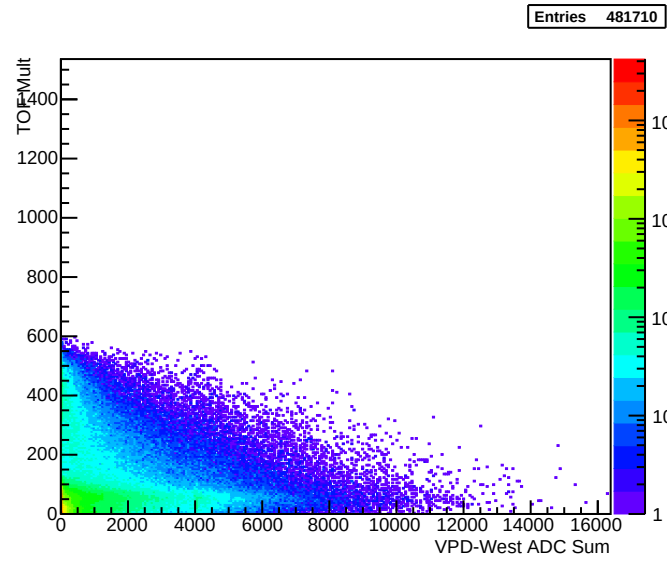

Entries 481710
TOF-Mult
BBC-S-East ADC Sum

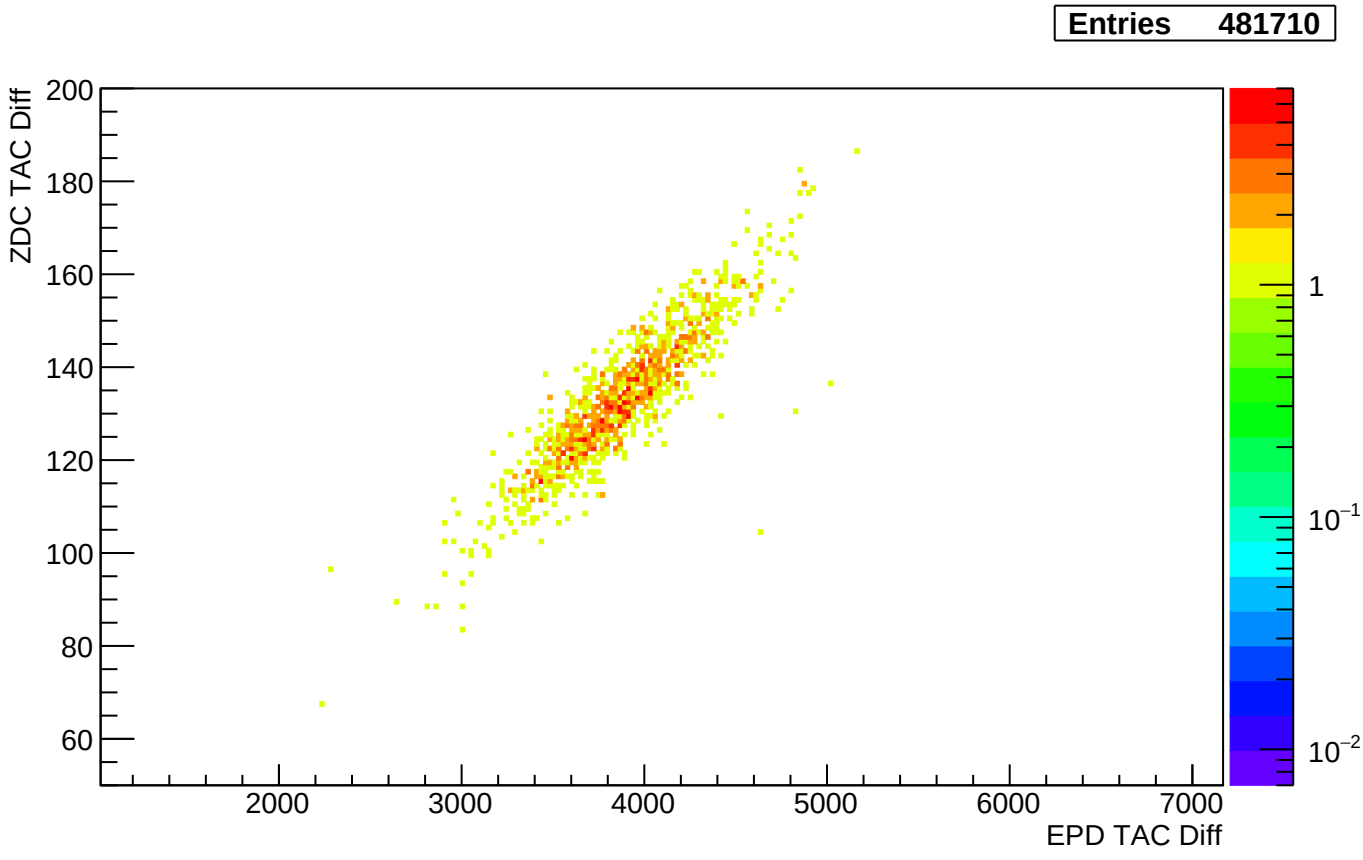

Entries 481710
TOF-Mult
BBC-S-West ADC Sum

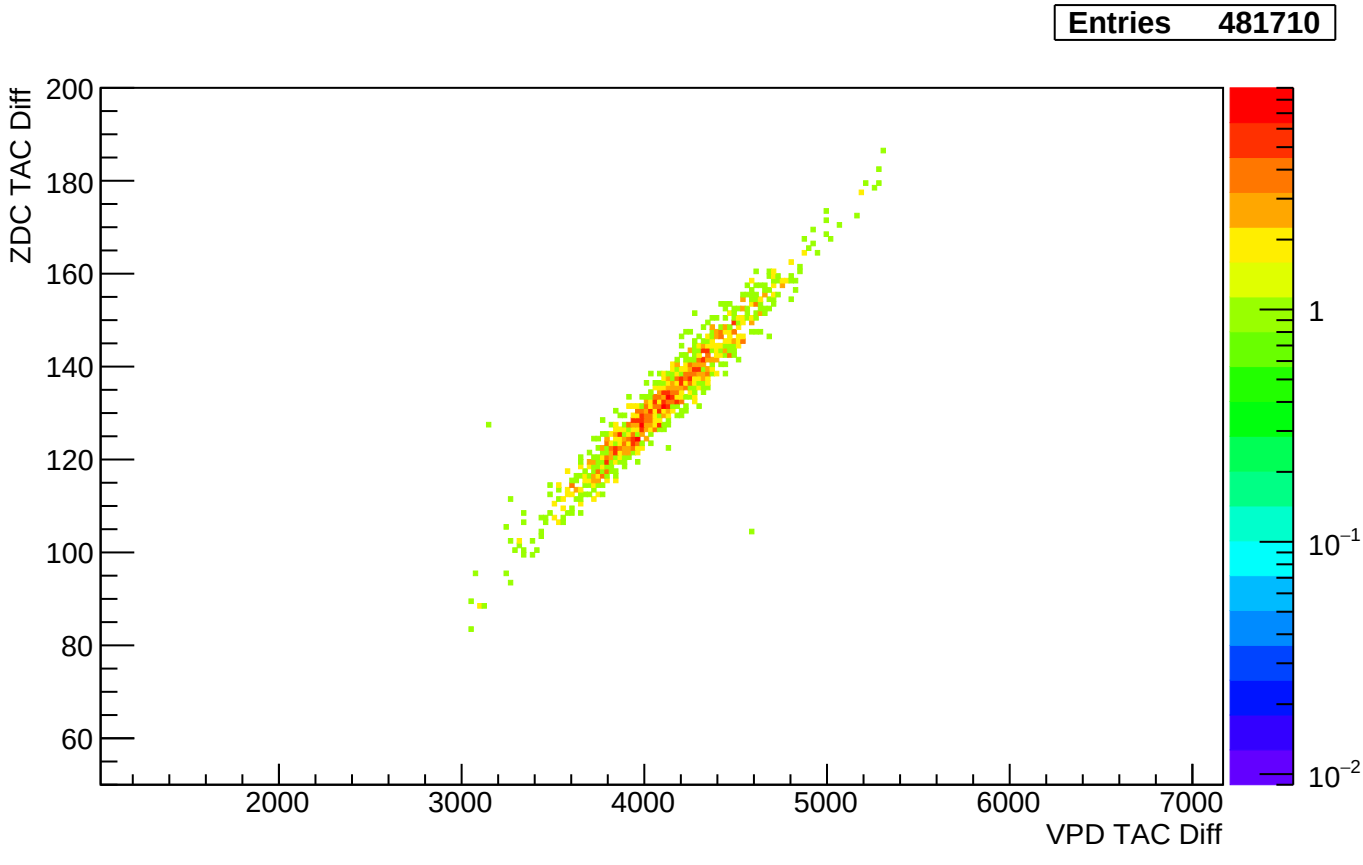

Entries 481710
TOF-Mult
EPD-East Hit Cnt

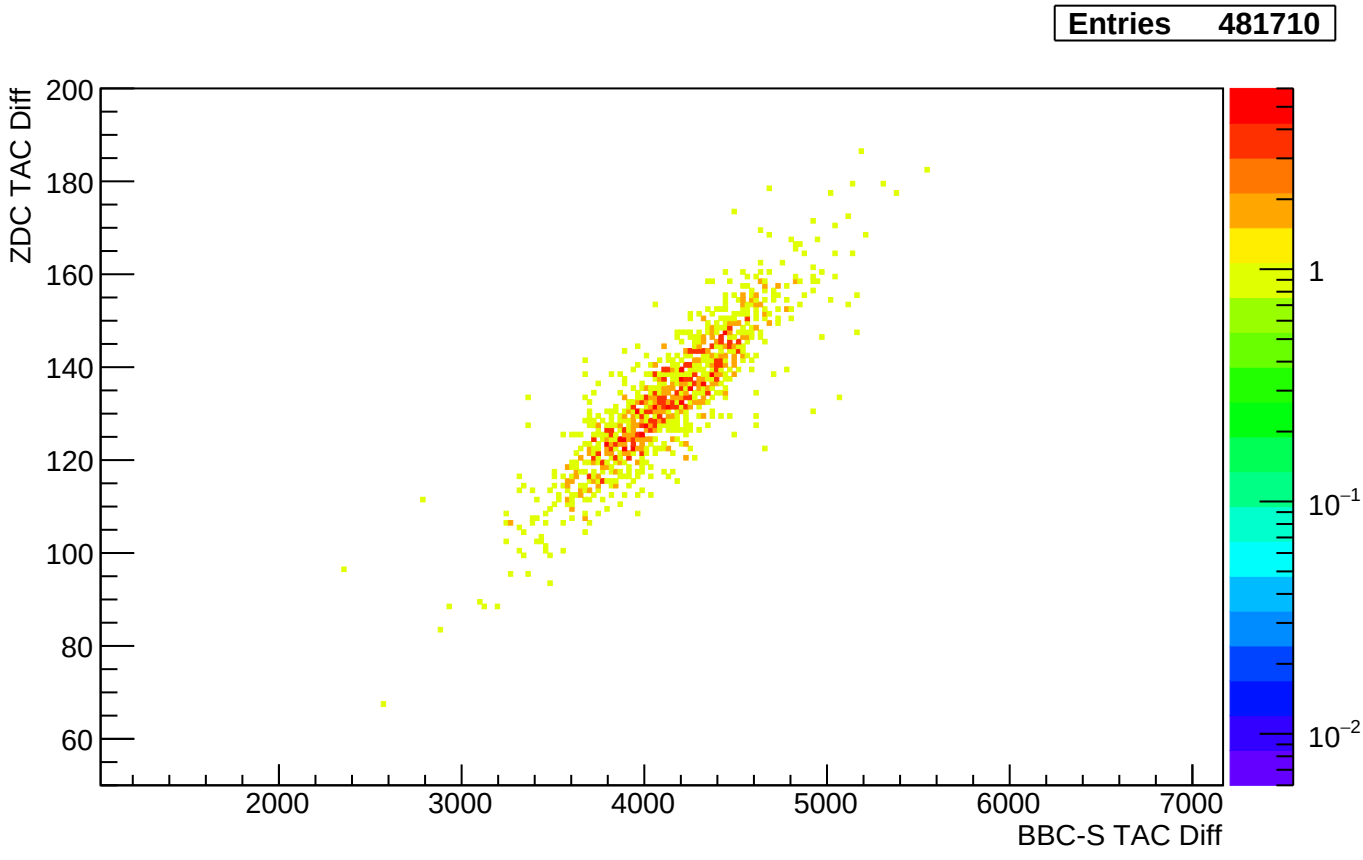

Entries 481710
TOF-Mult
EPD-West Hit Cnt

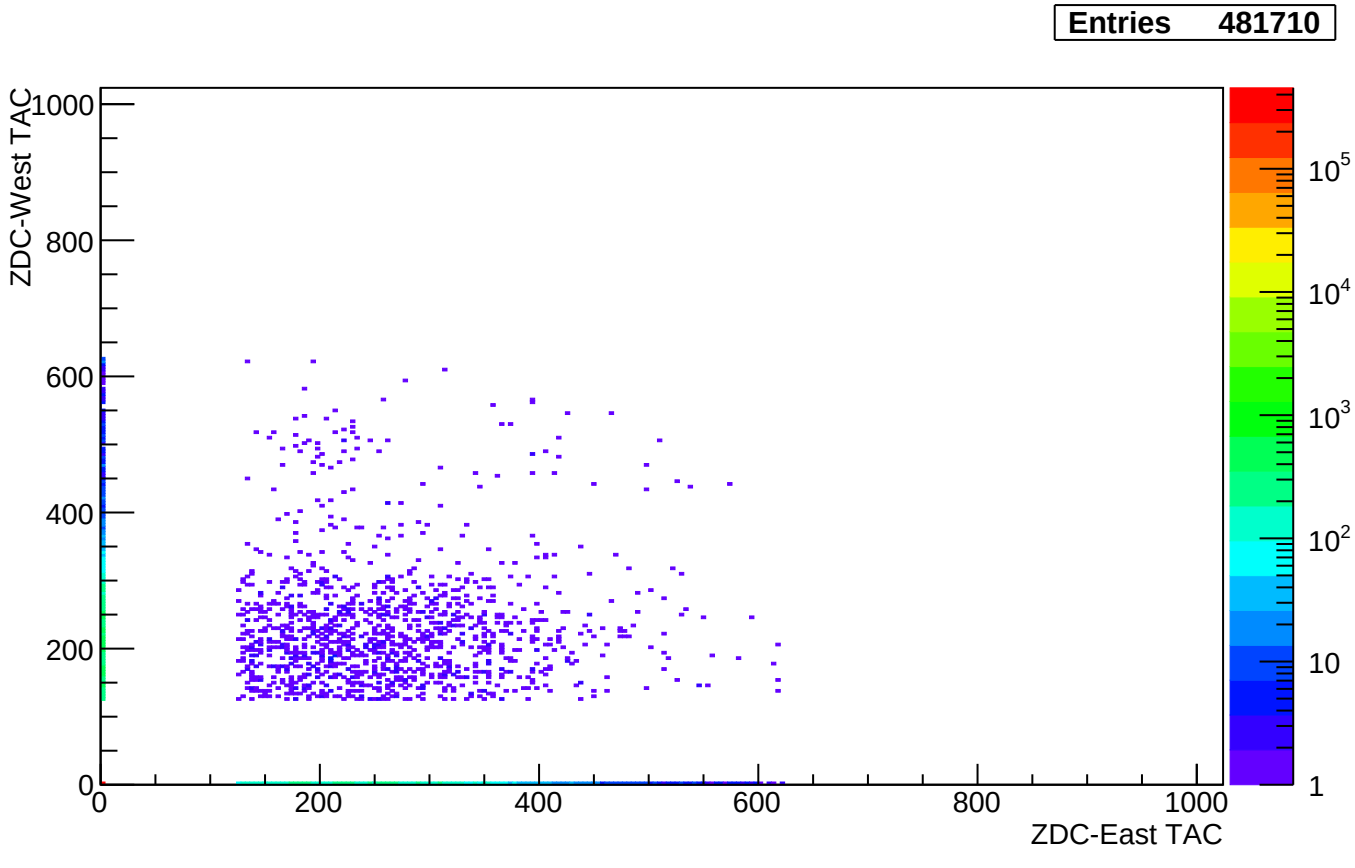

Entries 481710
TOF-Mult
VPD-East ADC Sum

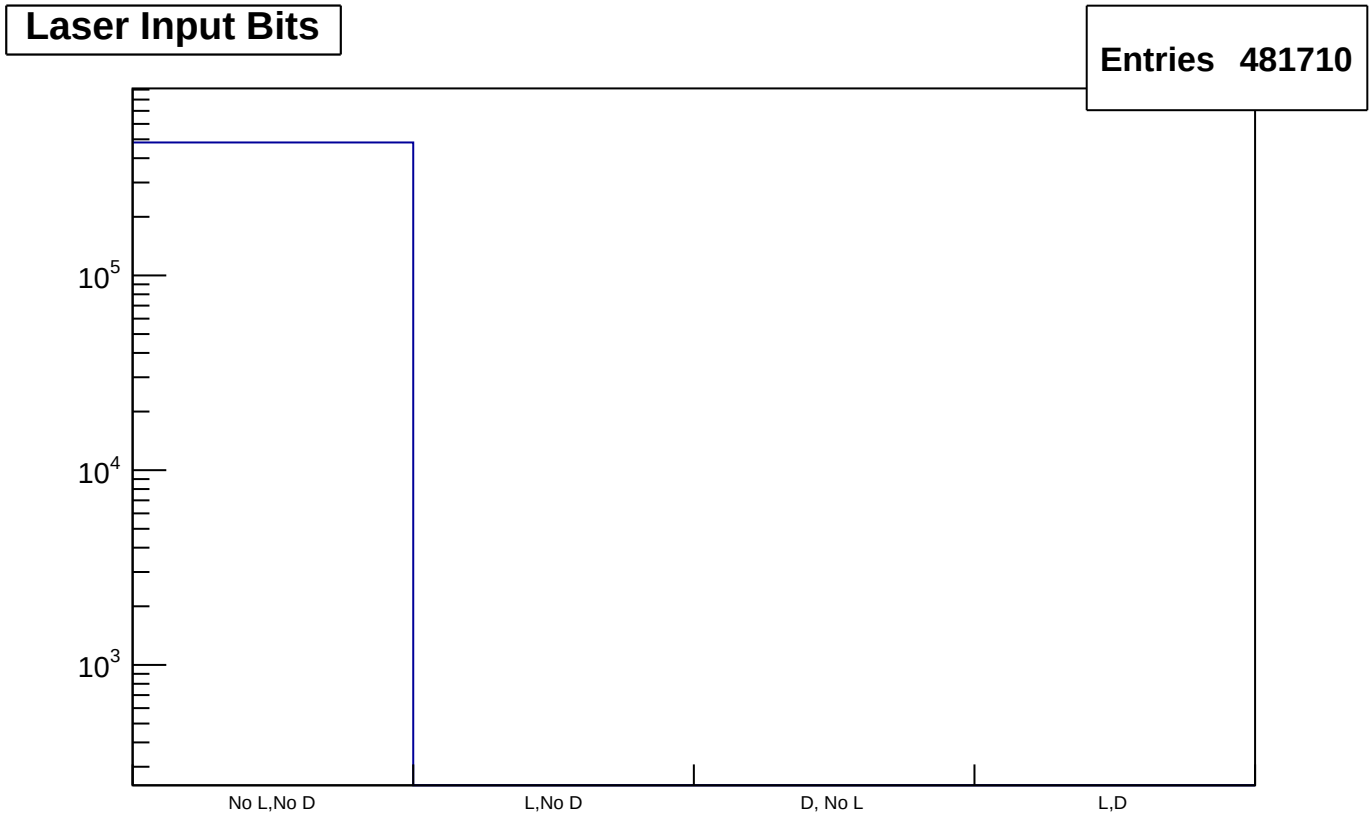

Entries 481710
TOF-Mult
VPD-West ADC Sum

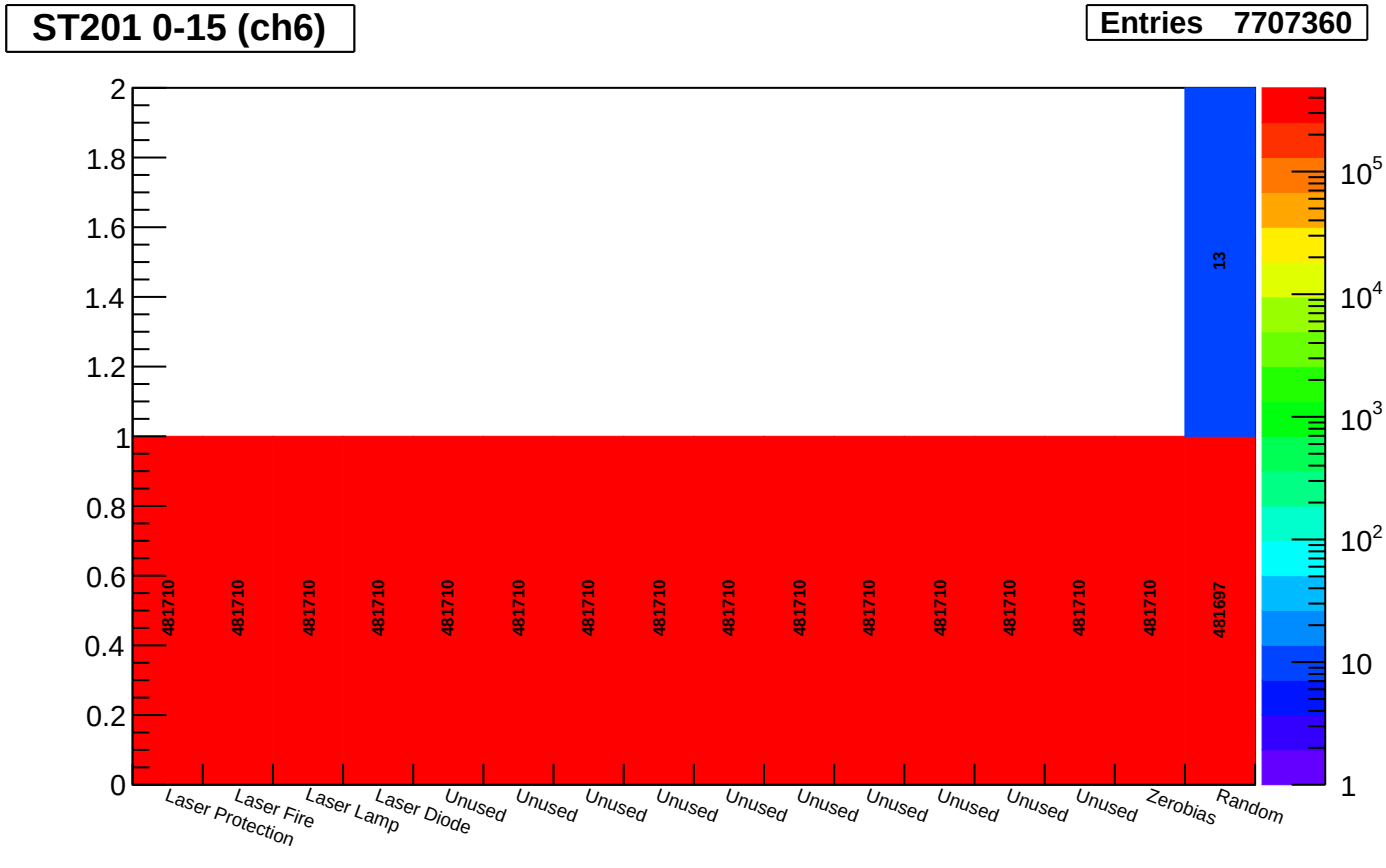

Entries 481710
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

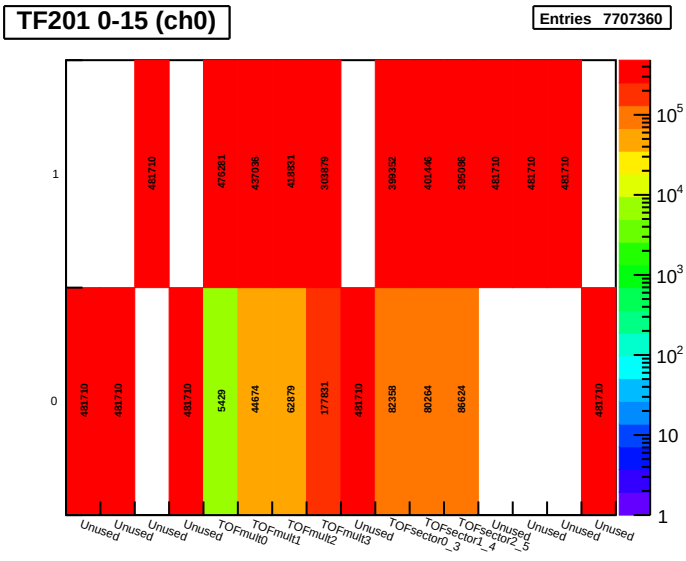

Entries 481710
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

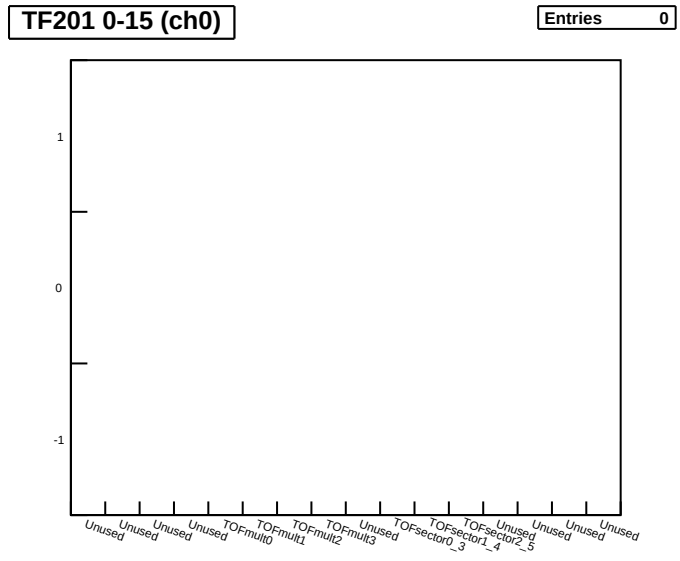

Entries 481710
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

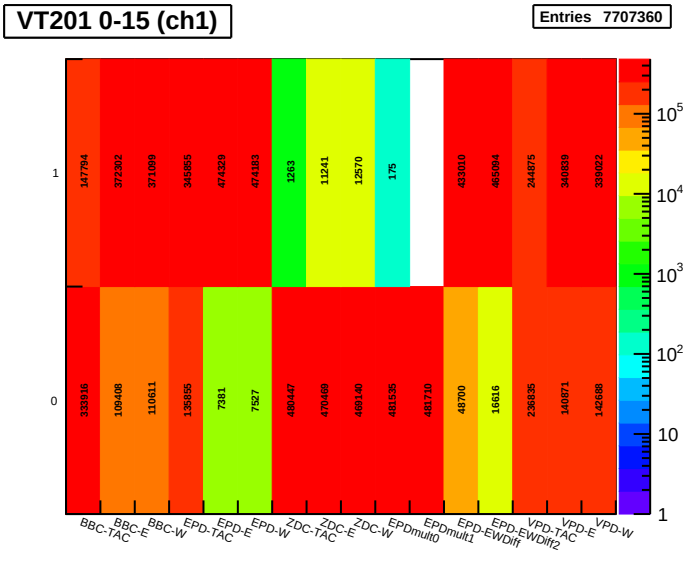

Entries 481710
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

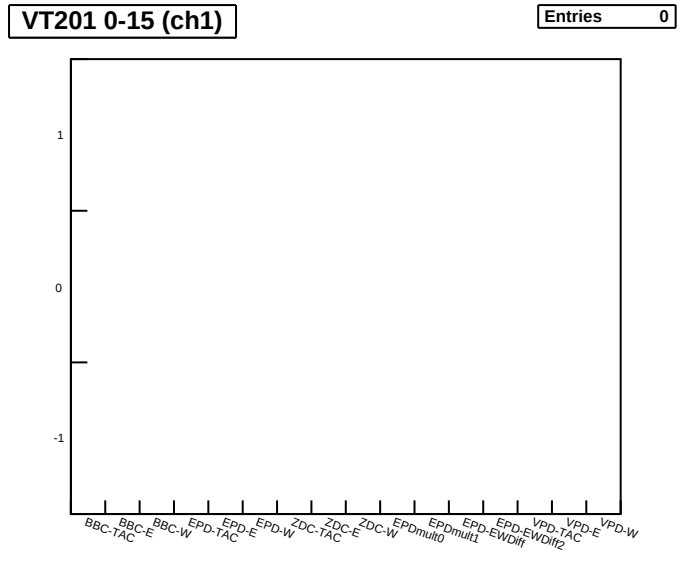

Laser Input Bits
Entries 481710
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

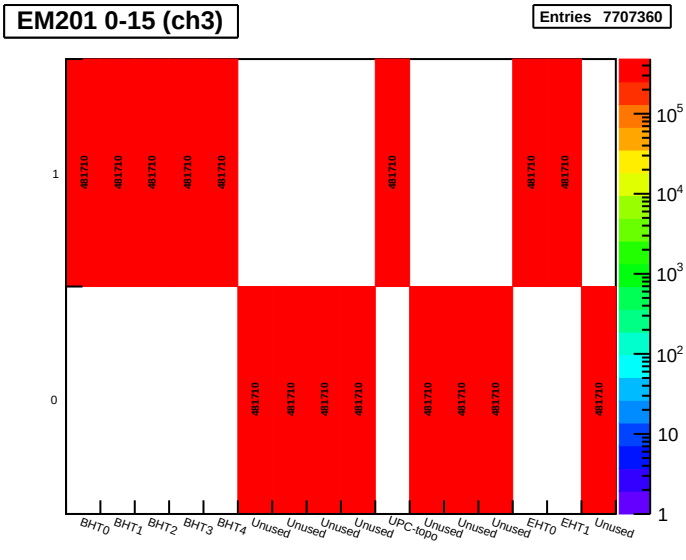

ST201 0-15 (ch6)
Entries 7707360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
481710
481697
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

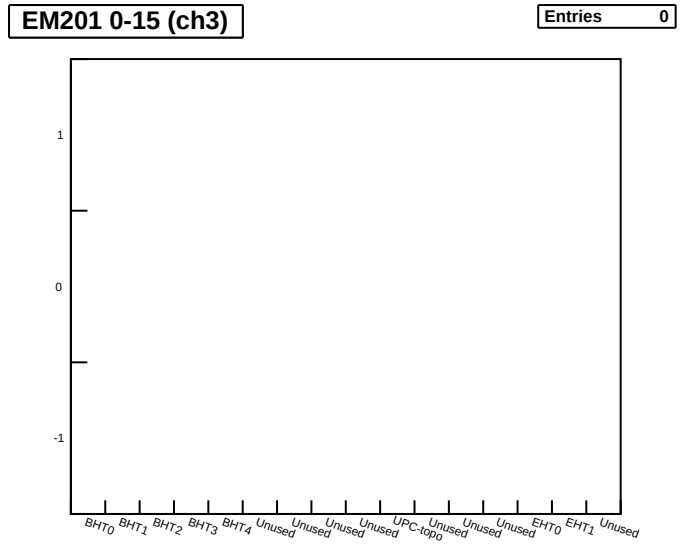

TF201 0-15 (ch0)
Entries 7707360
1
0
481710 481710 481710 481710 476281 437036 418831 303879 399352 401446 395066 481710 481710 481710
481710 481710 481710 5429 44674 62879 177831 481710 82398 80264 86624 481710
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 7707360
1
0
147794 372302 371099 345855 474329 474183 1263 11241 12570 175 433010 465094 244875 340839 339022
333916 109408 110611 135855 7381 7527 480447 470469 469140 481535 481710 48700 16616 236835 140871 142688
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 7707360
1
0
481710 481710 481710 481710 481710 481710 481710 481710
481710 481710 481710 481710 481710 481710 481710 481710
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