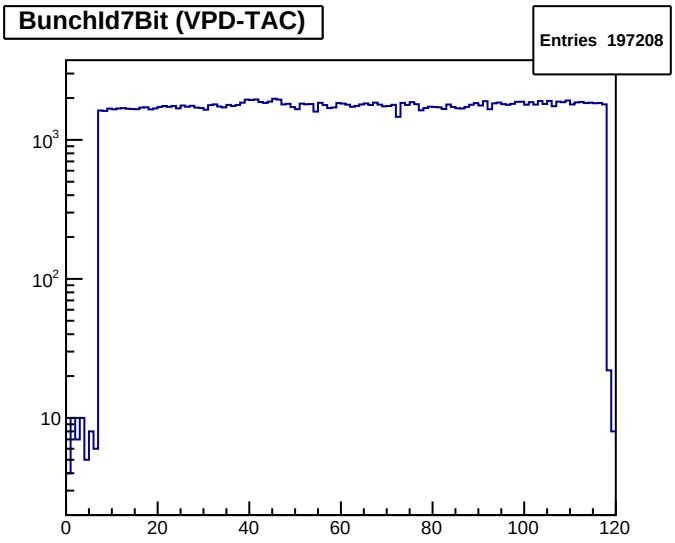
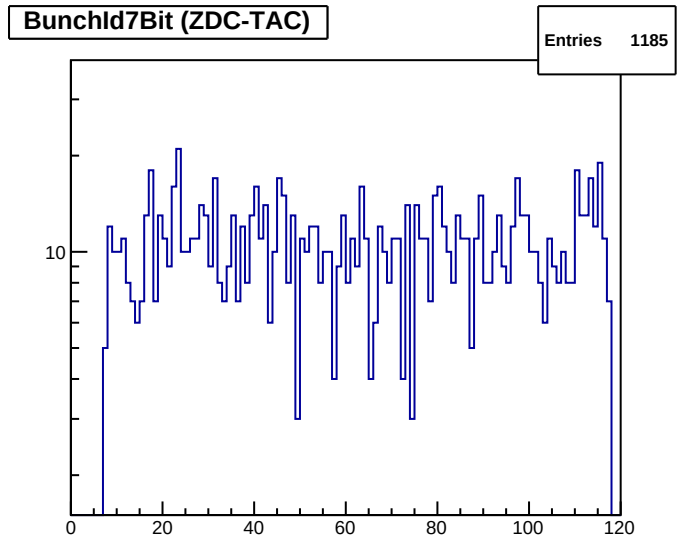
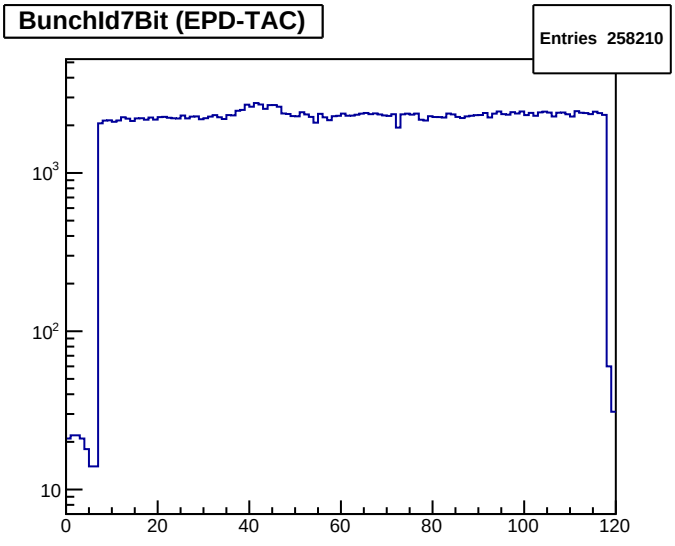
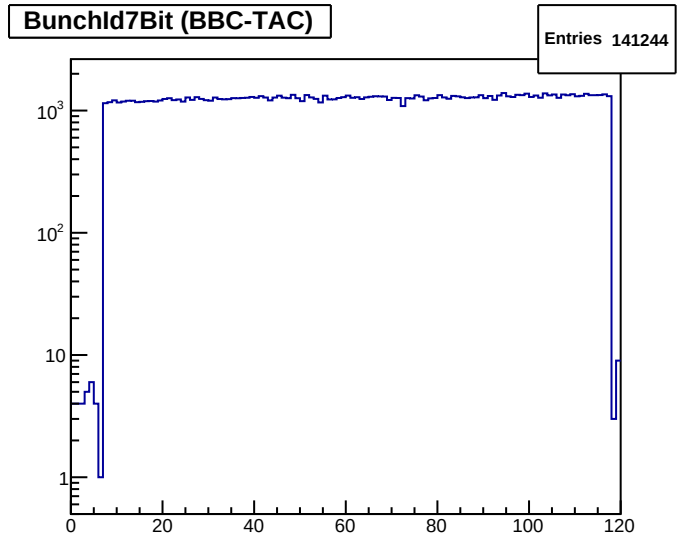
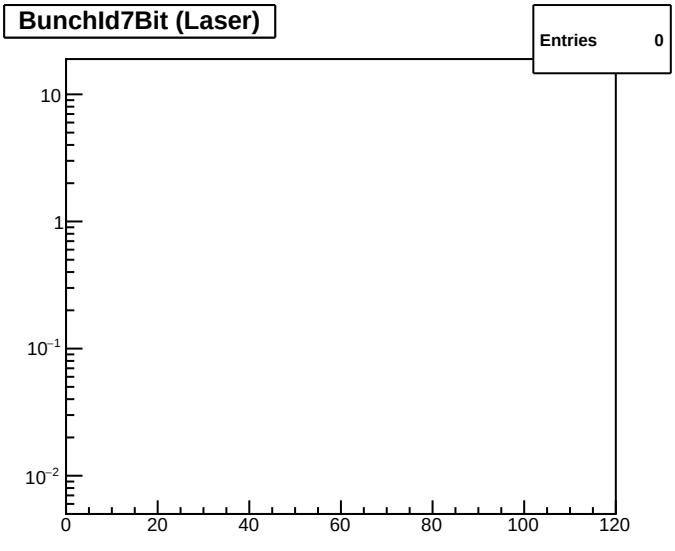
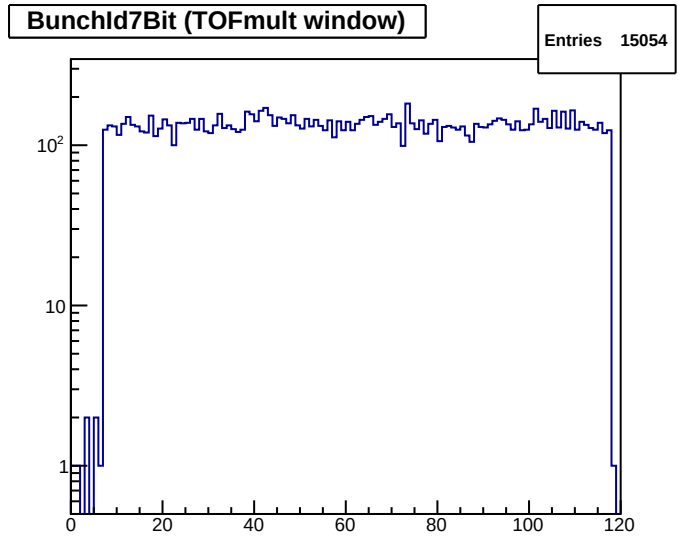

BunchId7Bit (VPD-TAC)
Entries 197208

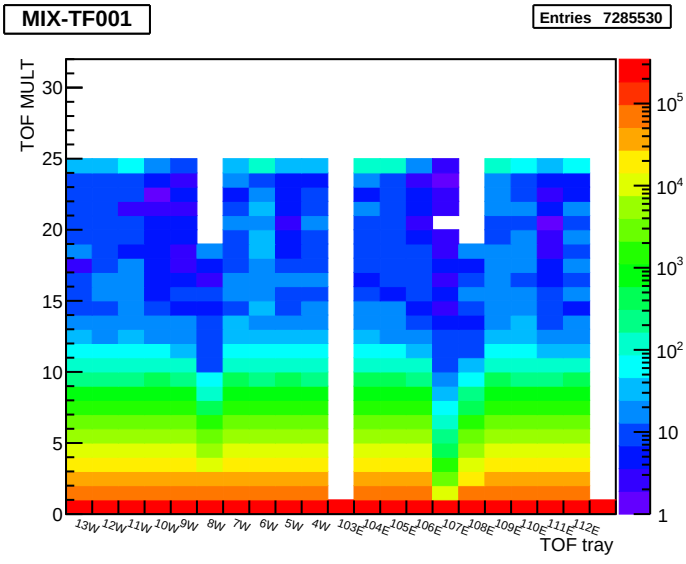

BunchId7Bit (ZDC-TAC)
Entries 1185

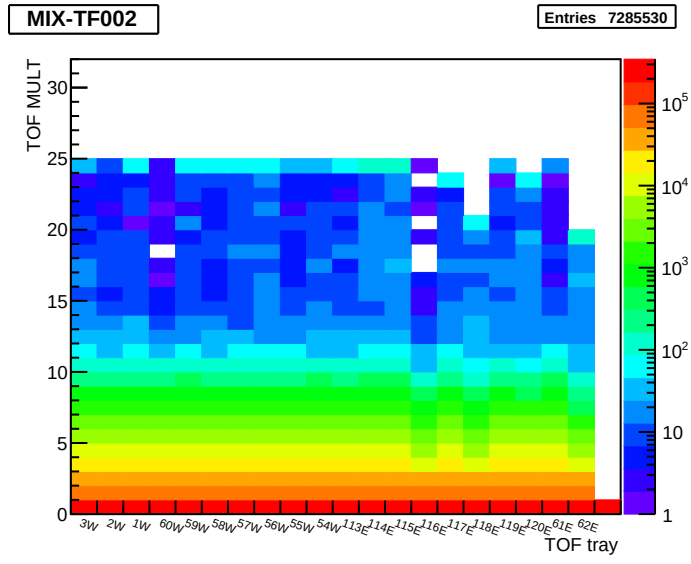

BunchId7Bit (EPD-TAC)
Entries 258210

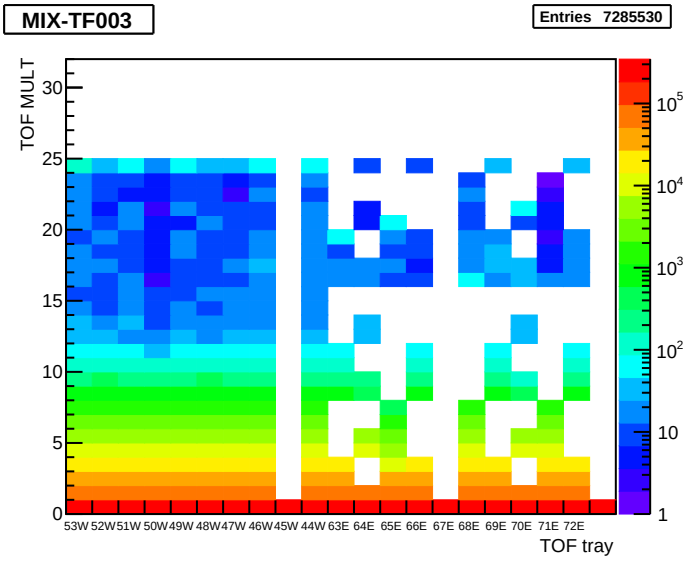

BunchId7Bit (BBC-TAC)
Entries 141244

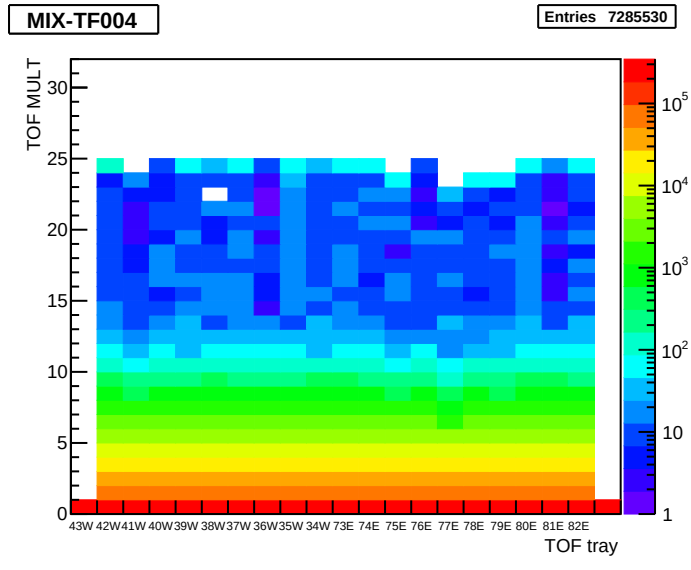

BunchId7Bit (Laser)
Entries 0

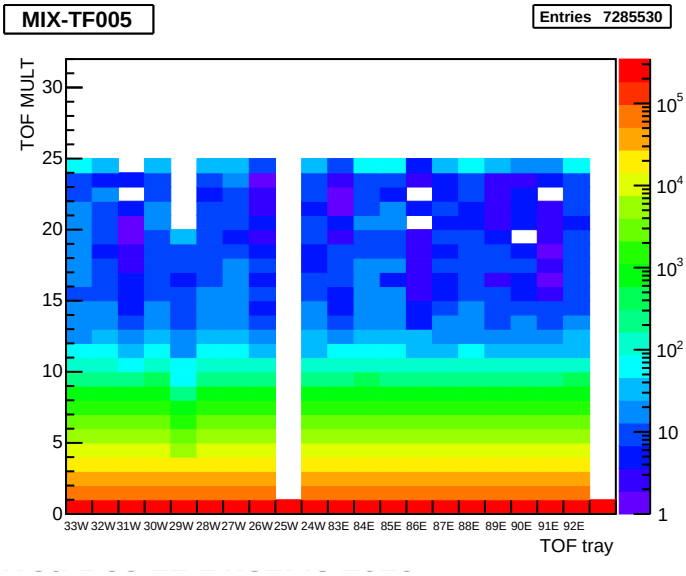

BunchId7Bit (TOFmult window)
Entries 15054

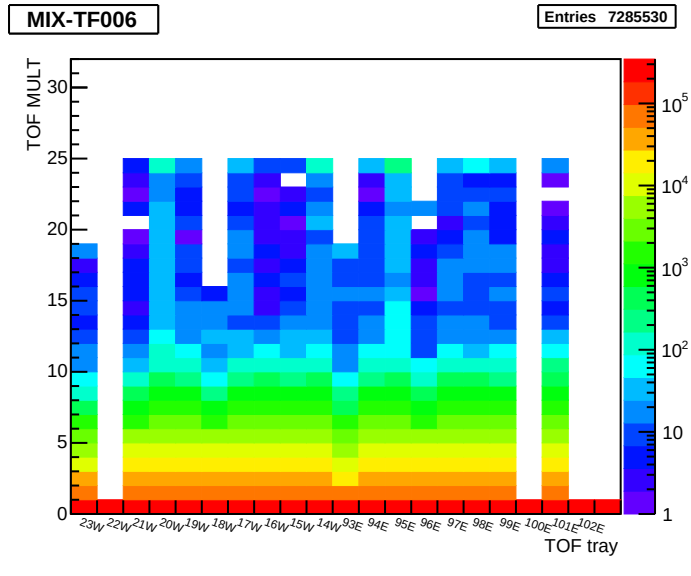

MIX-TF001
Entries 7285530
TOF MULT
TOF tray

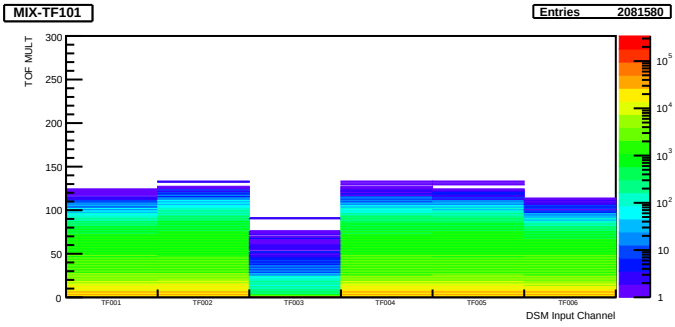

MIX-TF002
Entries 7285530
TOF MULT
TOF tray

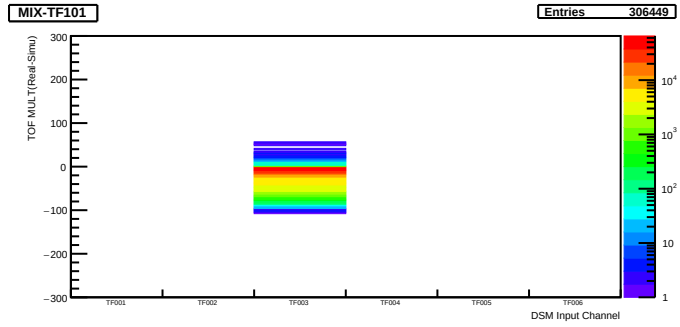

MIX-TF003
Entries 7285530
TOF MULT
TOF tray

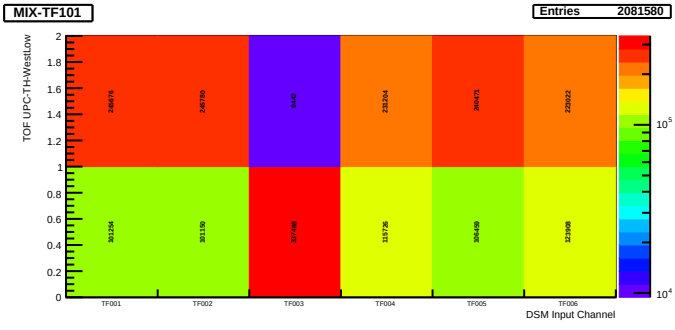

MIX-TF004
Entries 7285530
TOF MULT
TOF tray

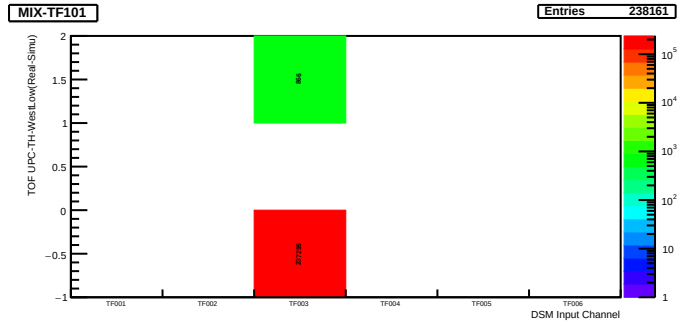

MIX-TF005
Entries 7285530
TOF MULT
TOF tray

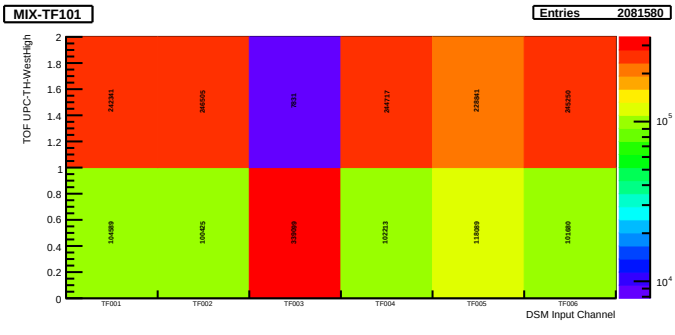

MIX-TF006
Entries 7285530
TOF MULT
TOF tray

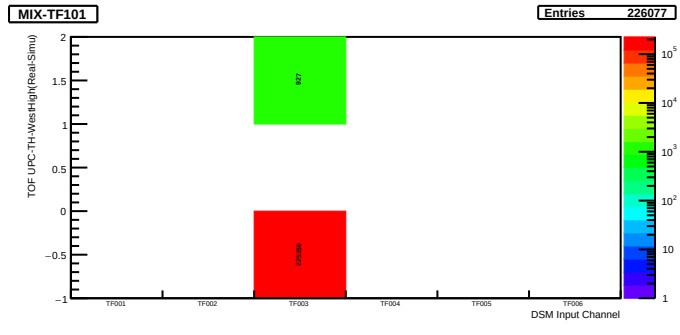

MIX-TF101
Entries 2081580
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

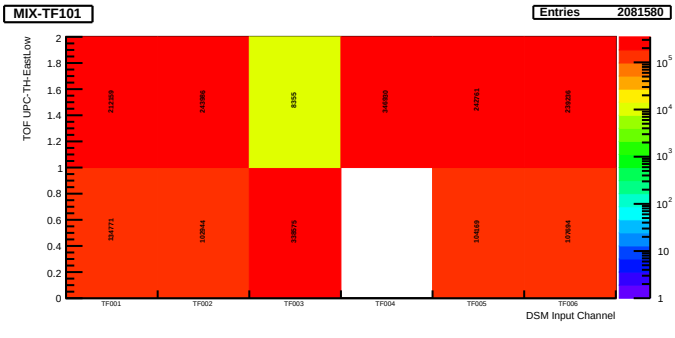

MIX-TF101
Entries 306449
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

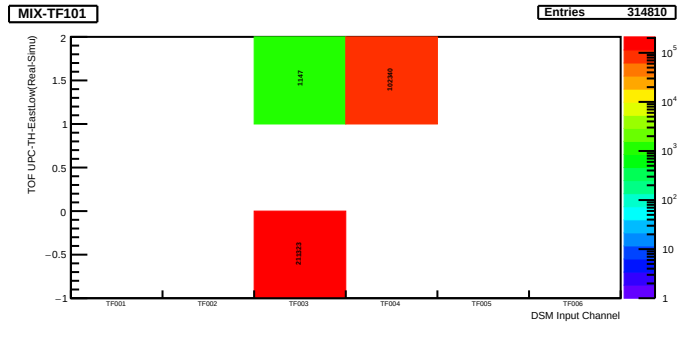

MIX-TF101
Entries 2081580
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

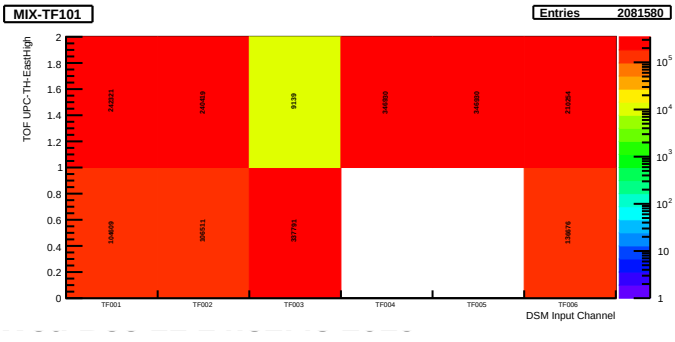

MIX-TF101
Entries 238161
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

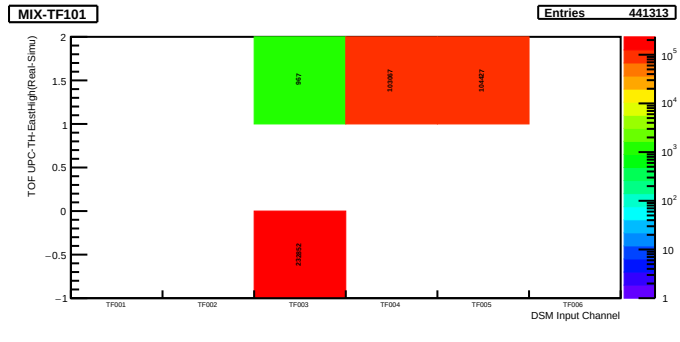

MIX-TF101
Entries 2081580
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

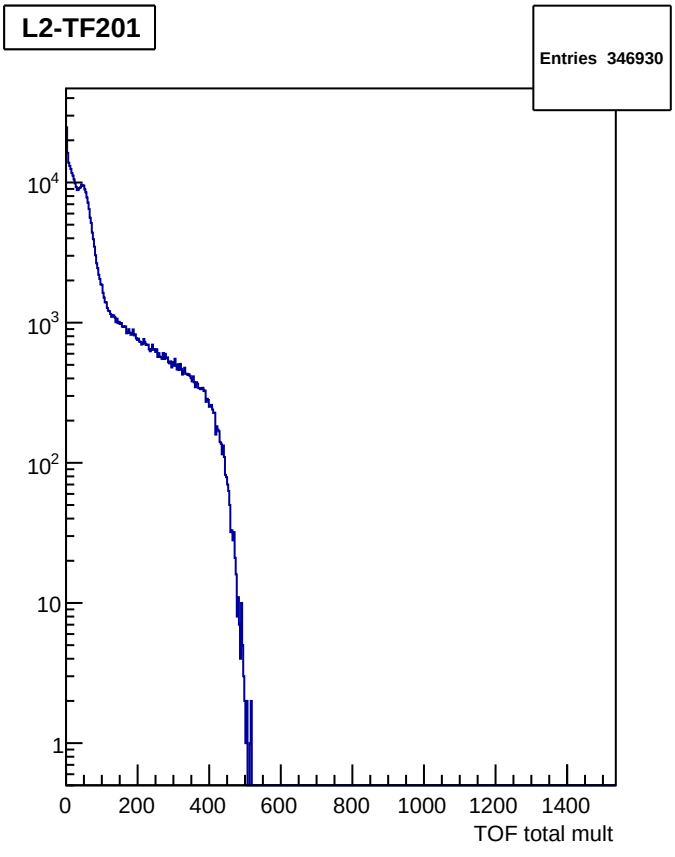

MIX-TF101
Entries 226077
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

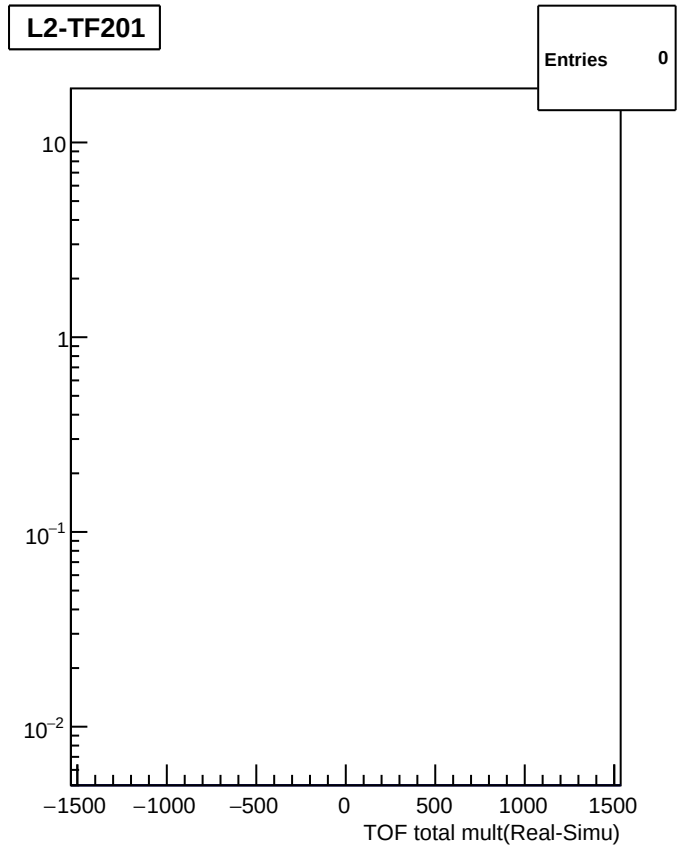

MIX-TF101
Entries 2081580
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

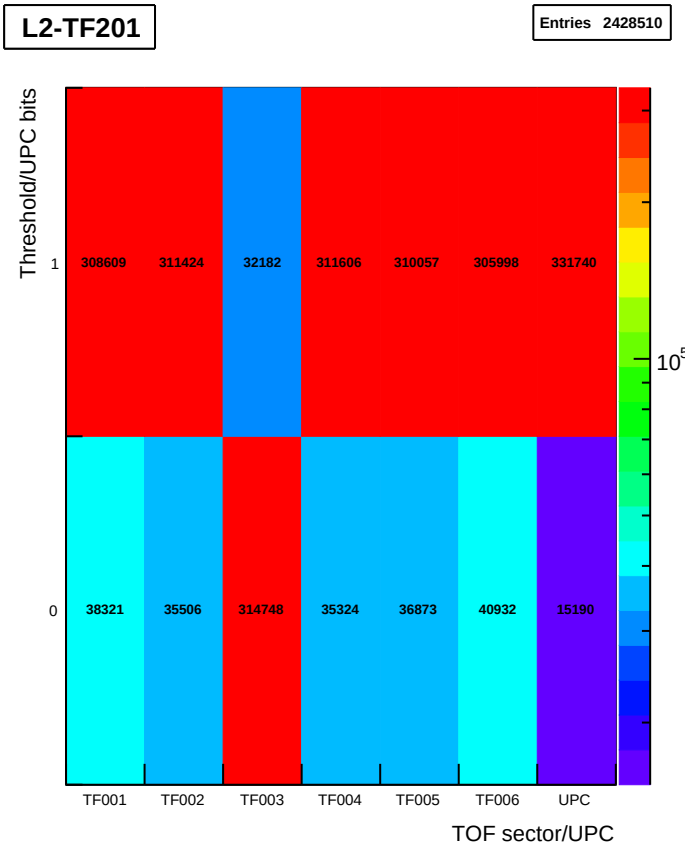

MIX-TF101
Entries 314810
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

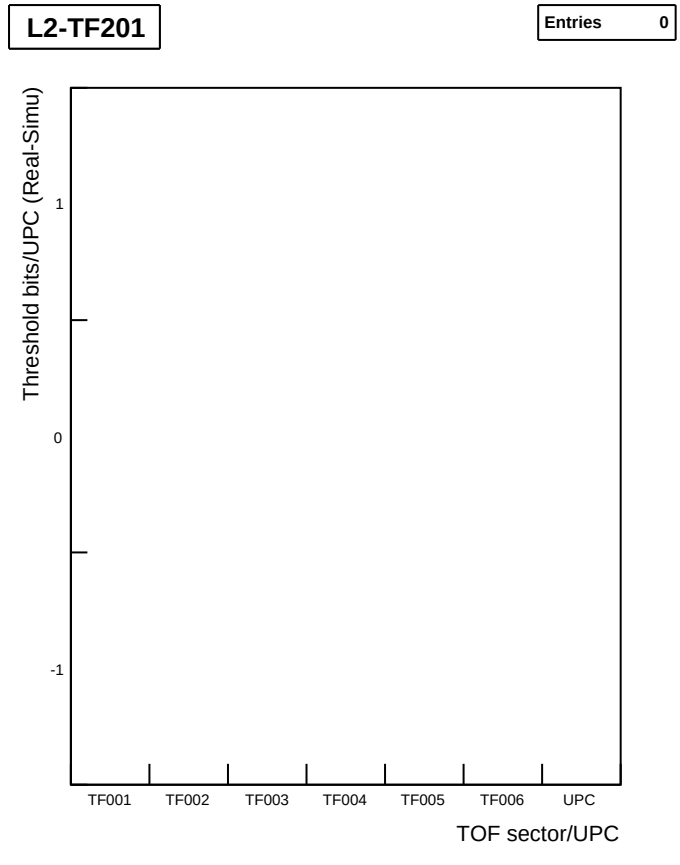

MIX-TF101
Entries 2081580
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

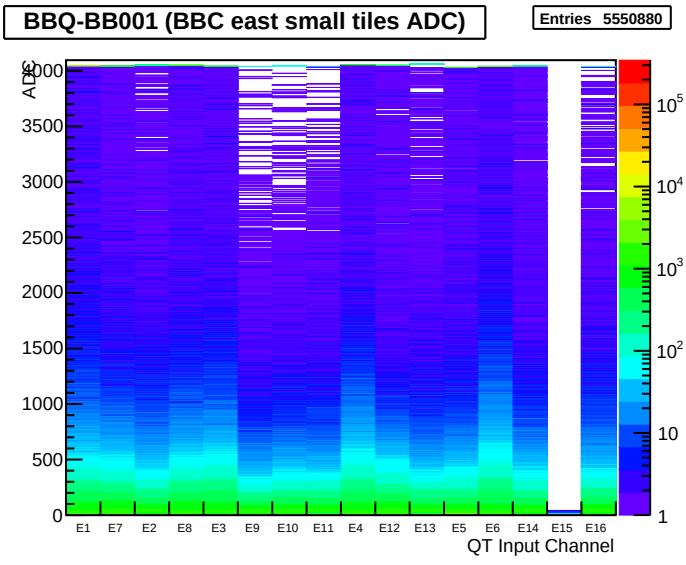

MIX-TF101
Entries 441313
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

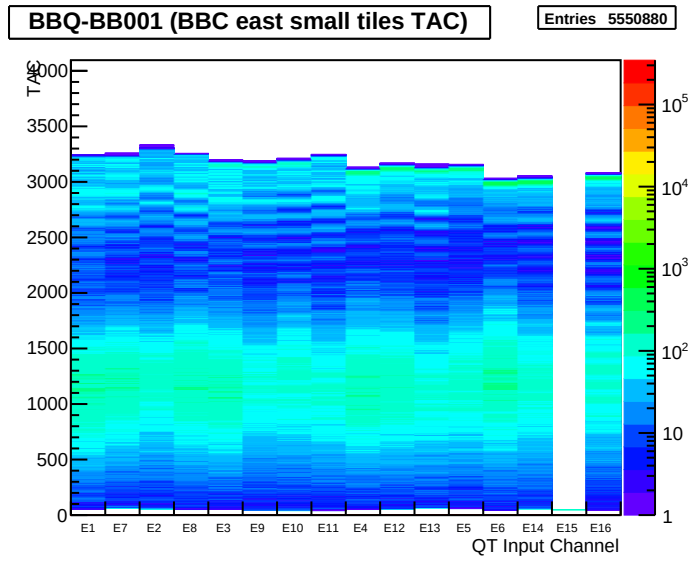

L2-TF201
Entries 346930
TOF total mult

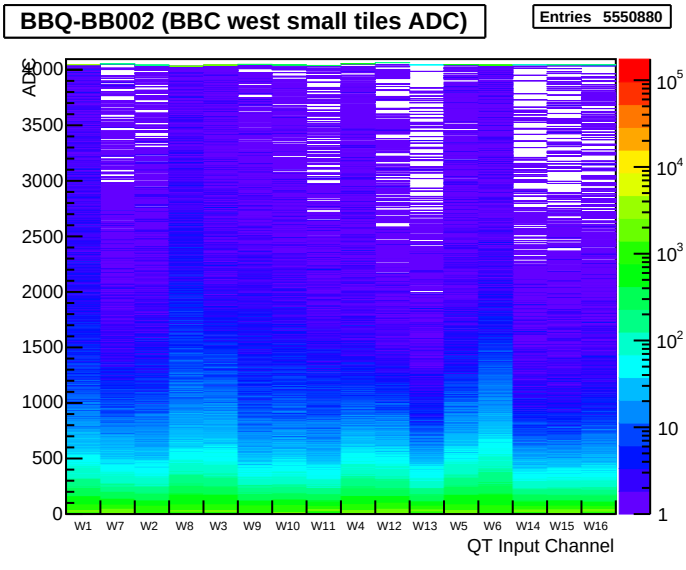

L2-TF201
Entries 0
TOF total mult(Real-Simu)

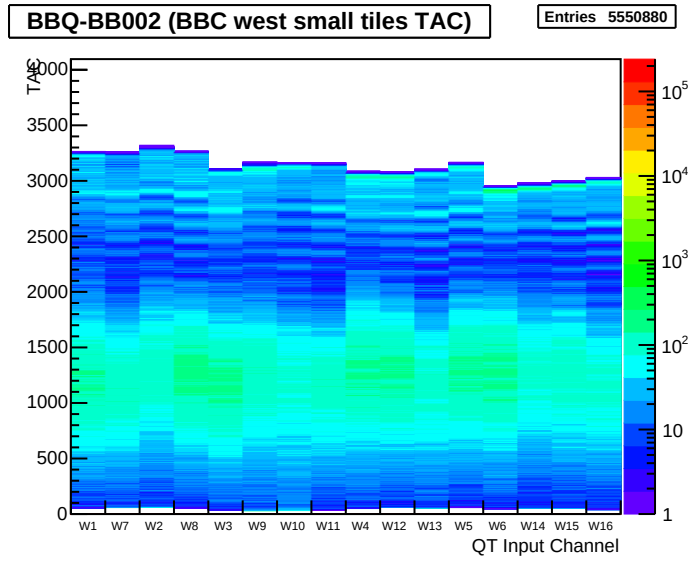

L2-TF201
Entries 2428510
Threshold/UPC bits
308609
311424
32182
311606
310057
305998
331740
38321
35506
314748
35324
36873
40932
15190
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

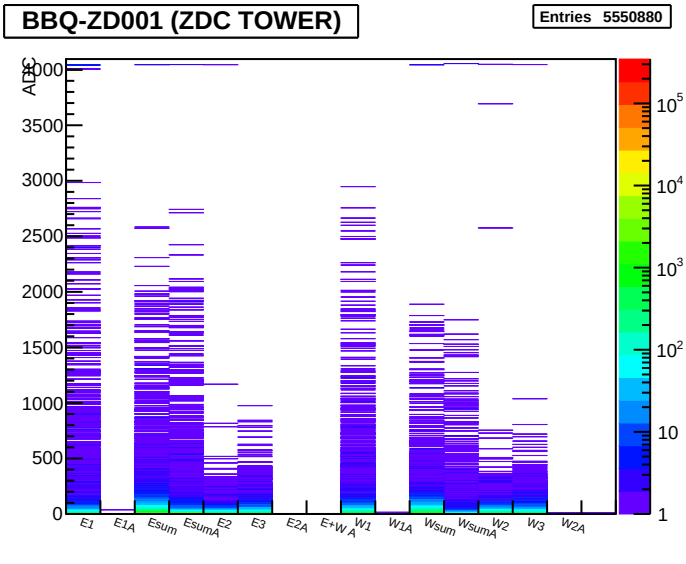

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

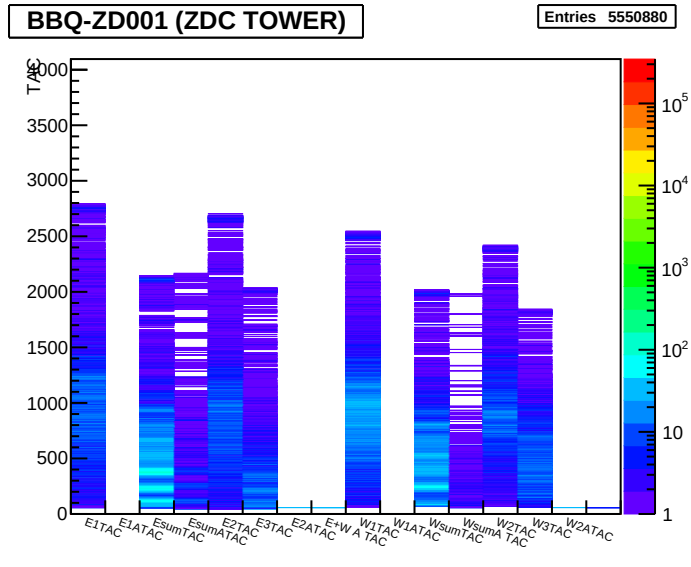

BBQ-BB001 (BBC east small tiles ADC)
Entries 5550880
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

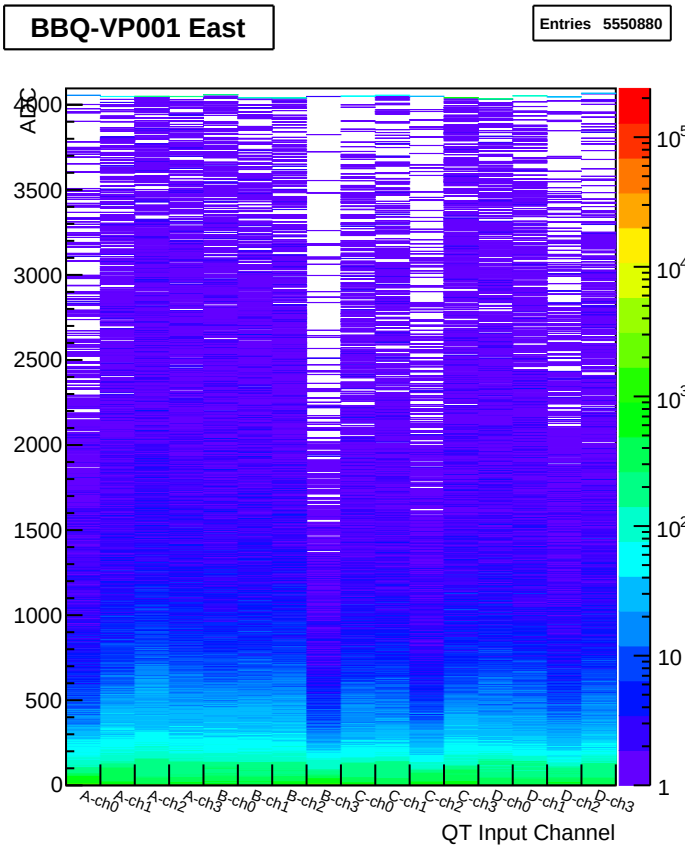

BBQ-BB001 (BBC east small tiles TAC)
Entries 5550880
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

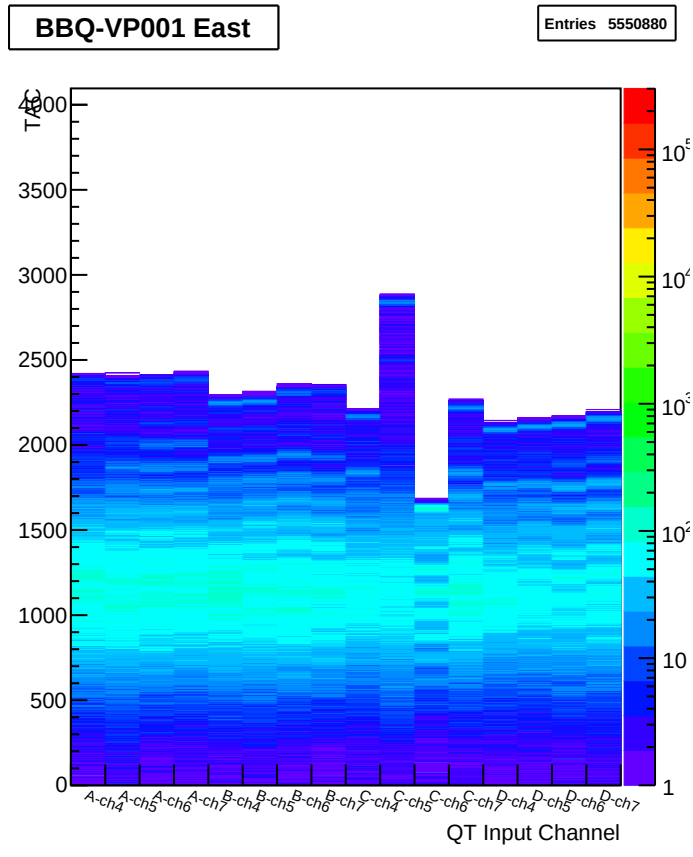

BBQ-BB002 (BBC west small tiles ADC)
Entries 5550880
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

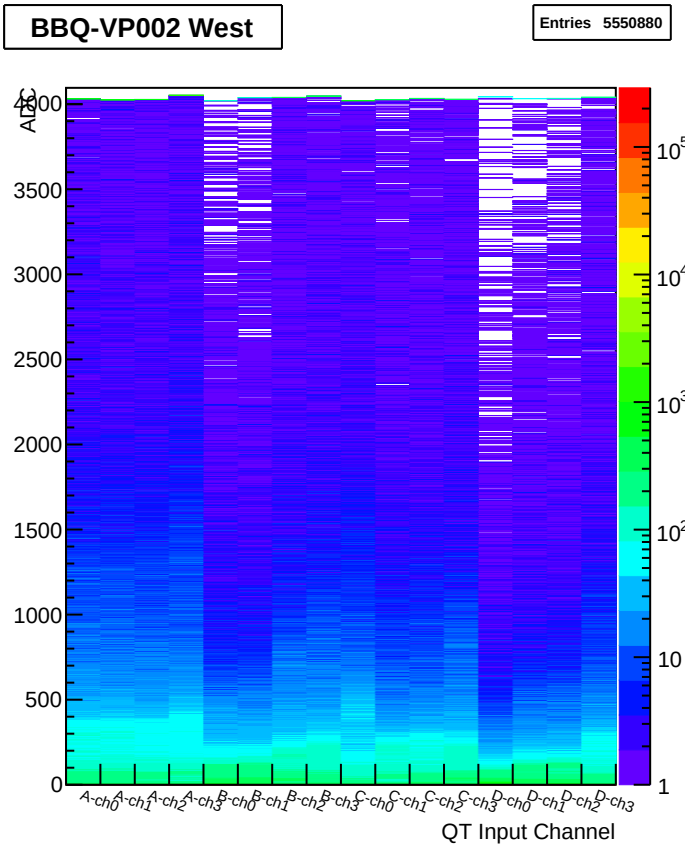

BBQ-BB002 (BBC west small tiles TAC)
Entries 5550880
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

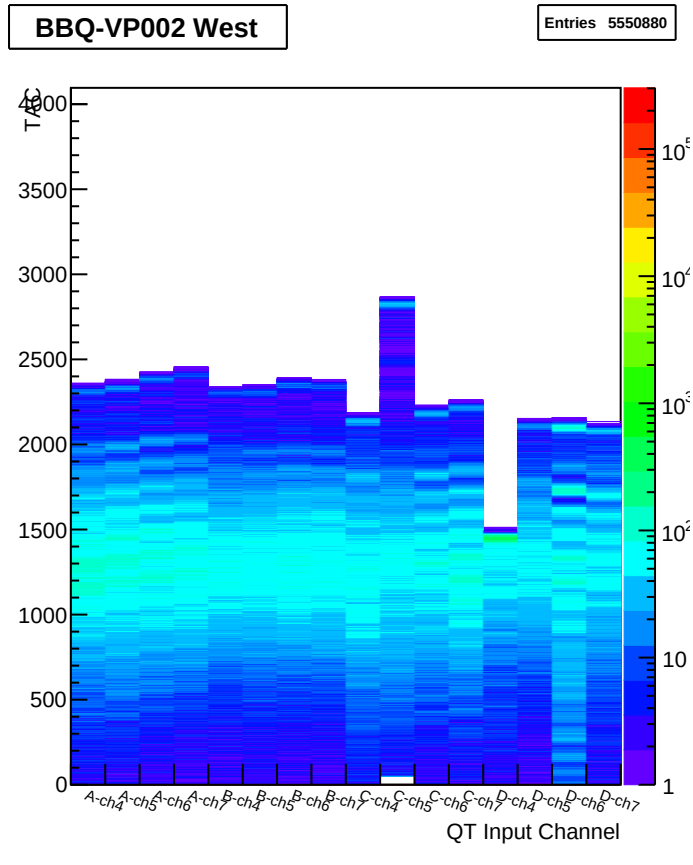

BBQ-ZD001 (ZDC TOWER)
Entries 5550880
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

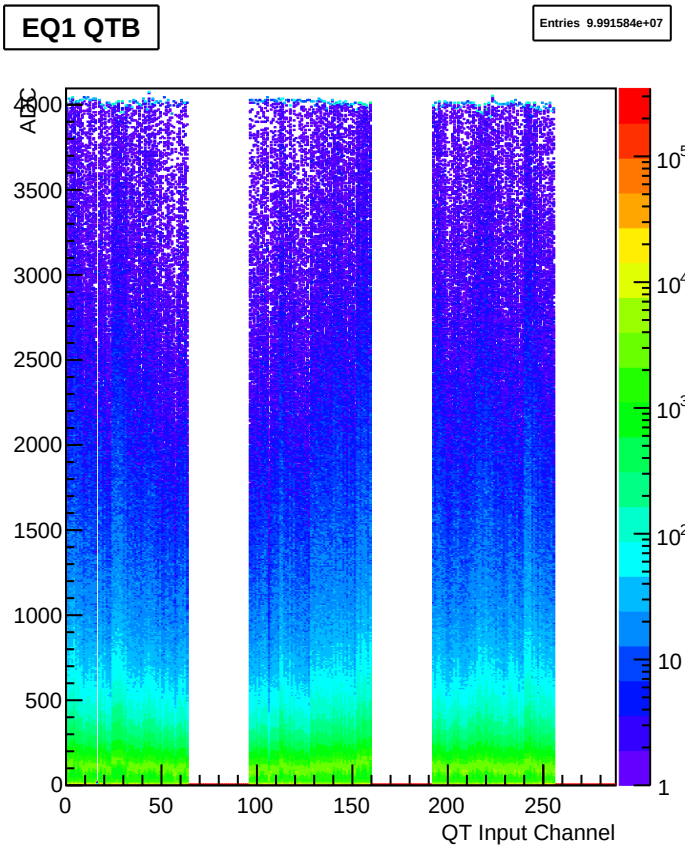

BBQ-ZD001 (ZDC TOWER)
Entries 5550880
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

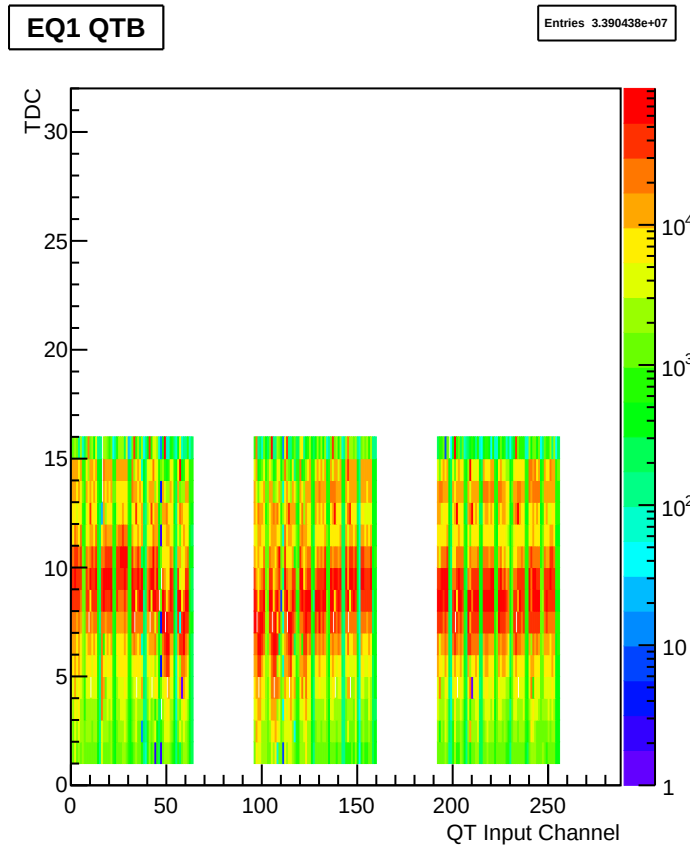

BBQ-VP001 East
Entries 5550880
ADC
QT Input Channel

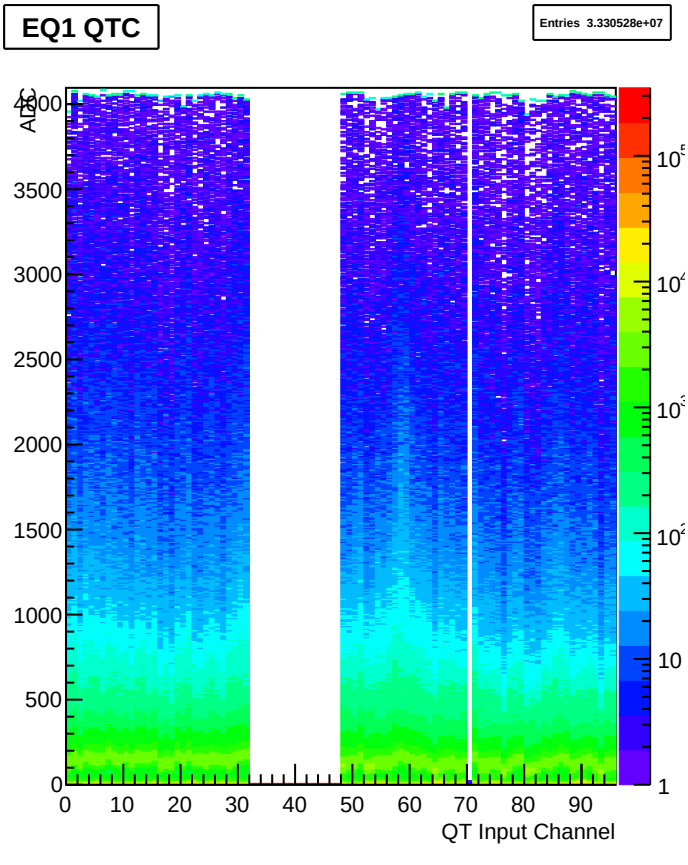

BBQ-VP001 East
Entries 5550880
ADC
QT Input Channel

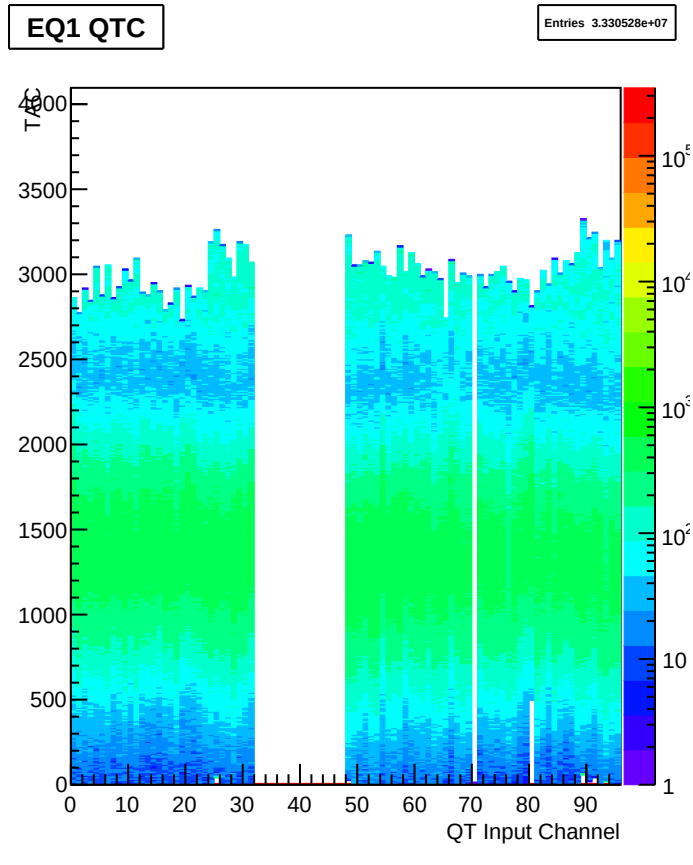

BBQ-VP002 West
Entries 5550880
ADC
QT Input Channel

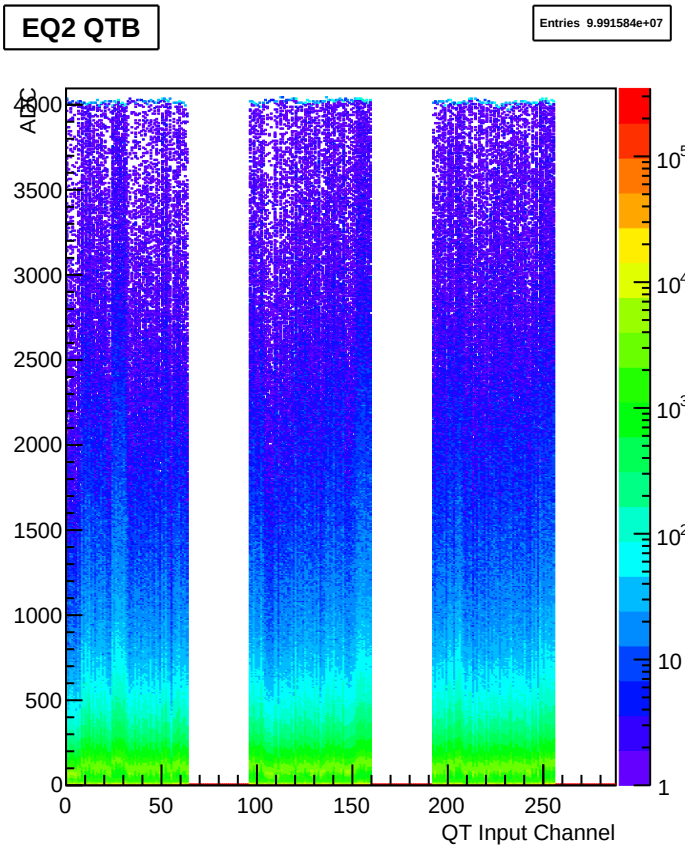

BBQ-VP002 West
Entries 5550880
ADC
QT Input Channel

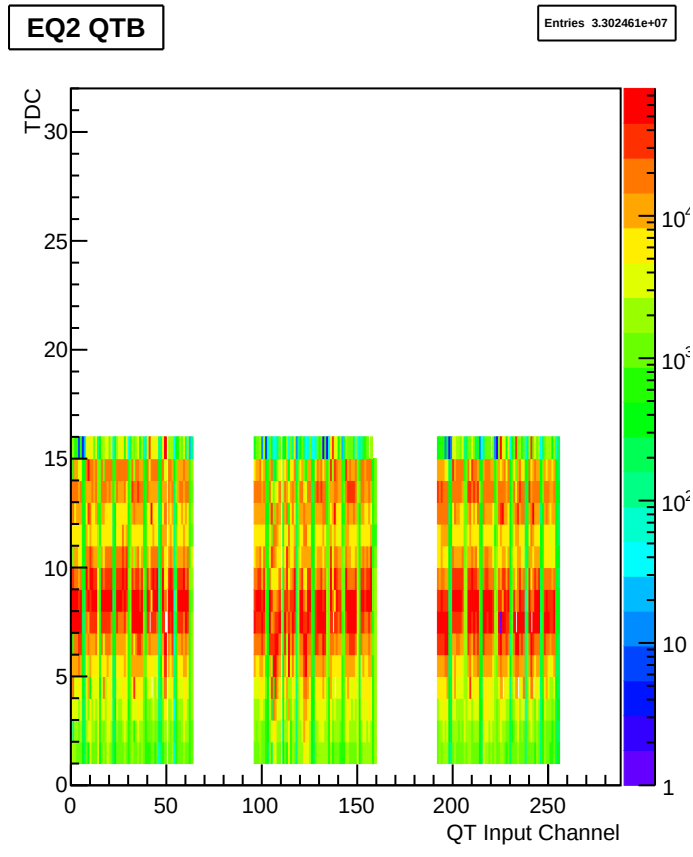

EQ1 QTB
Entries 9.991584e+07
ADC
QT Input Channel

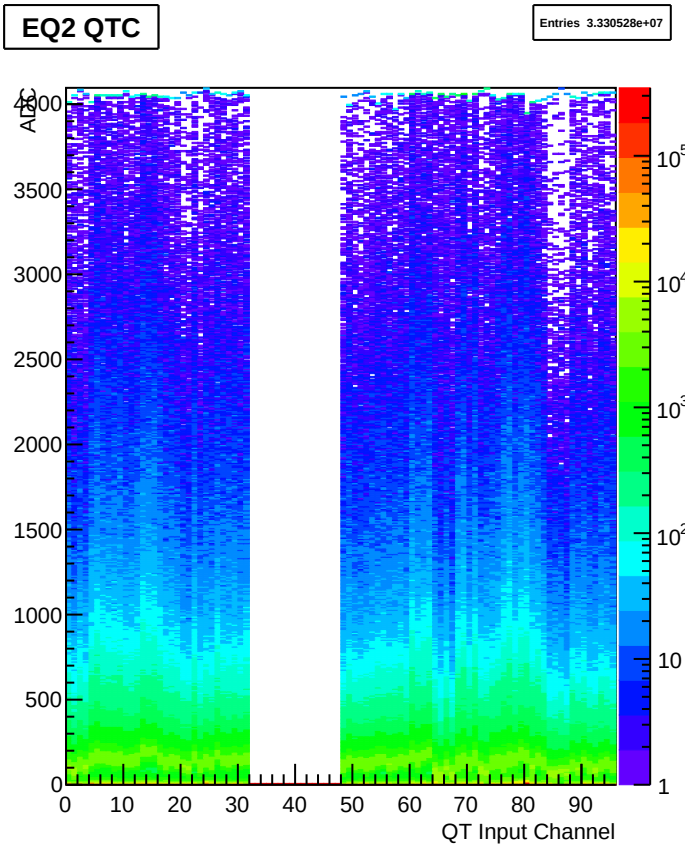

EQ1 QTB
Entries 3.390438e+07
TDC
QT Input Channel

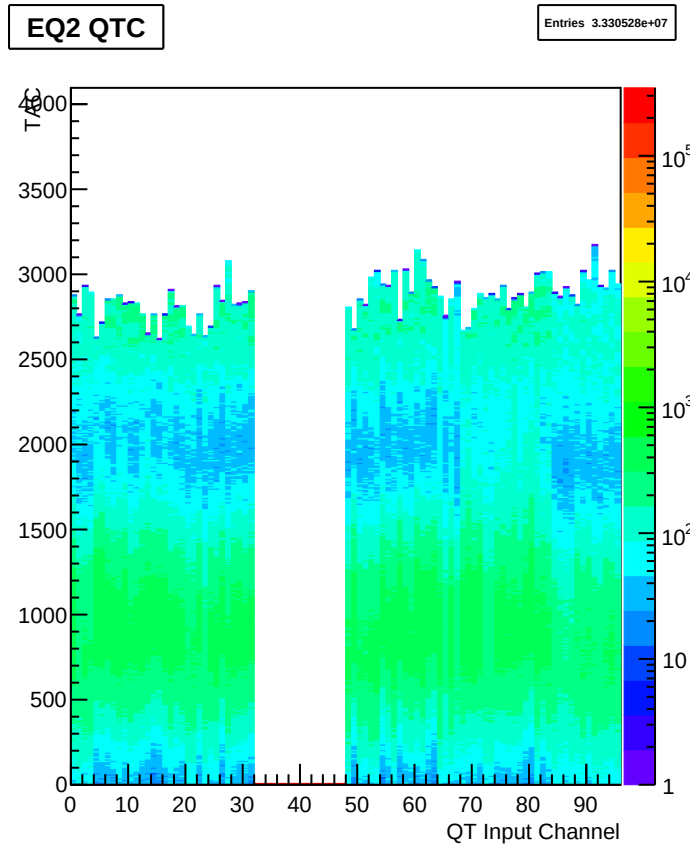

EQ1 QTC
Entries 3.330528e+07
ADC
QT Input Channel

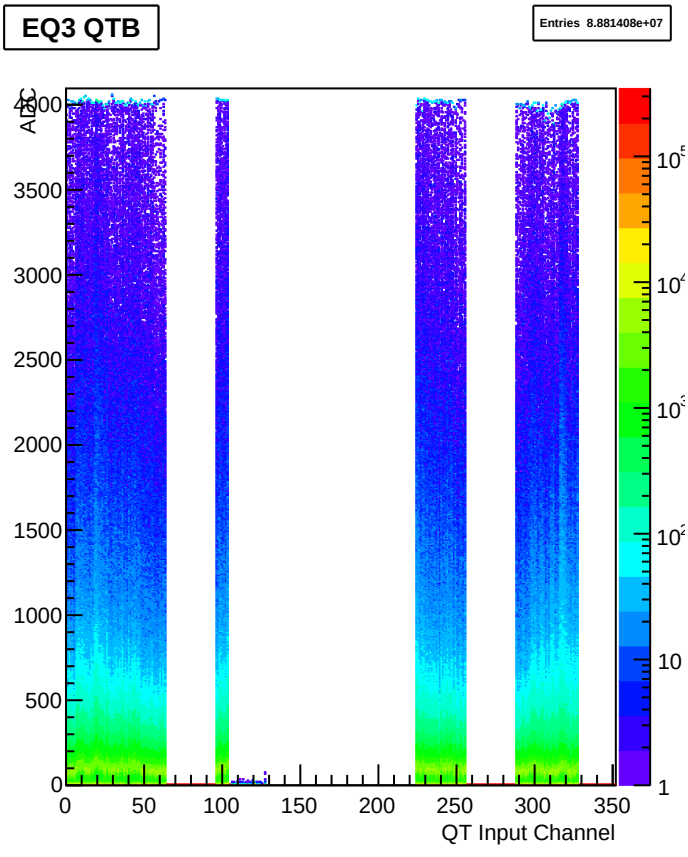

EQ1 QTC
Entries 3.330528e+07
TADC
QT Input Channel

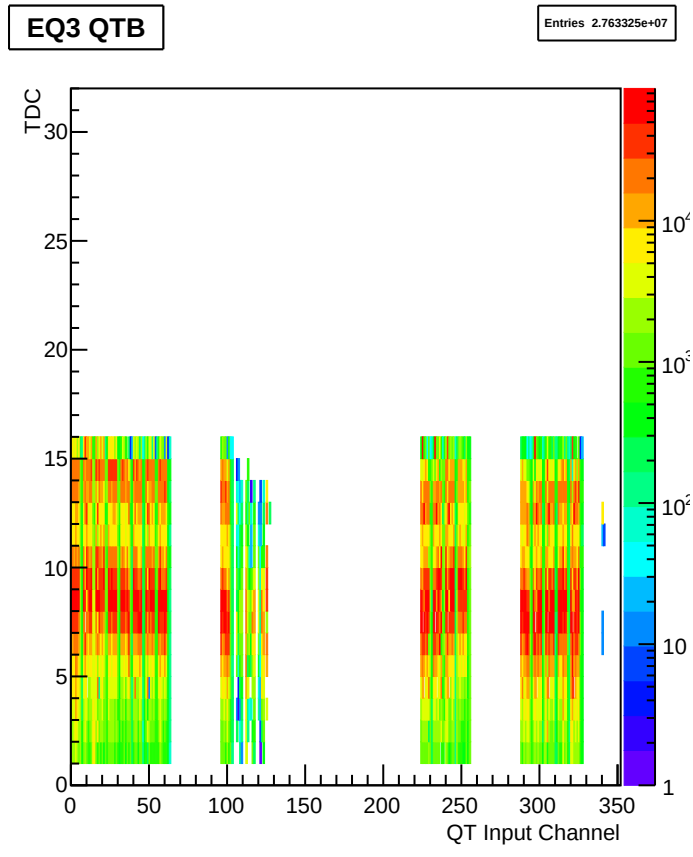

EQ2 QTB
Entries 9.991584e+07
ADC
QT Input Channel

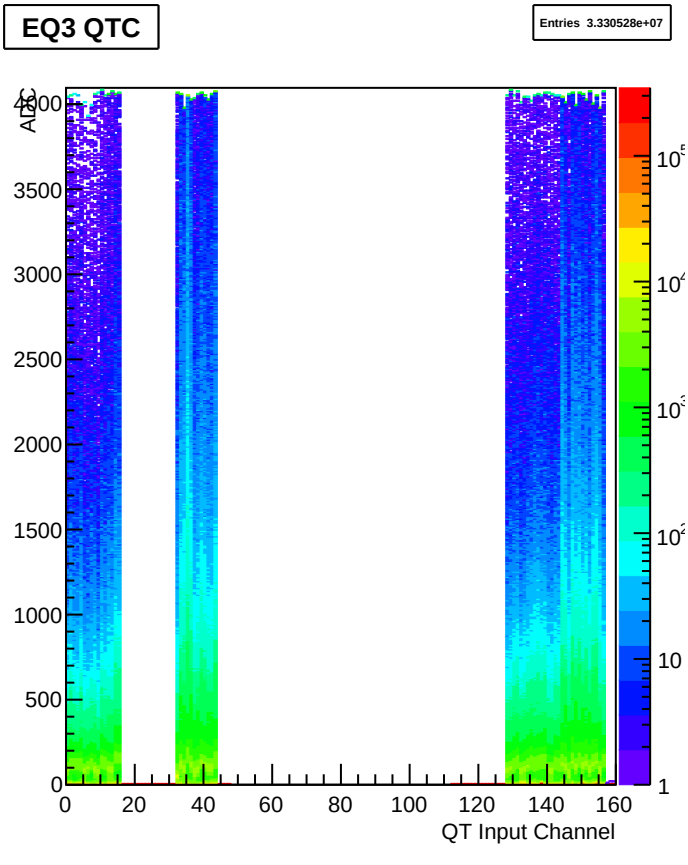

EQ2 QTB
Entries 3.302461e+07
TDC
QT Input Channel

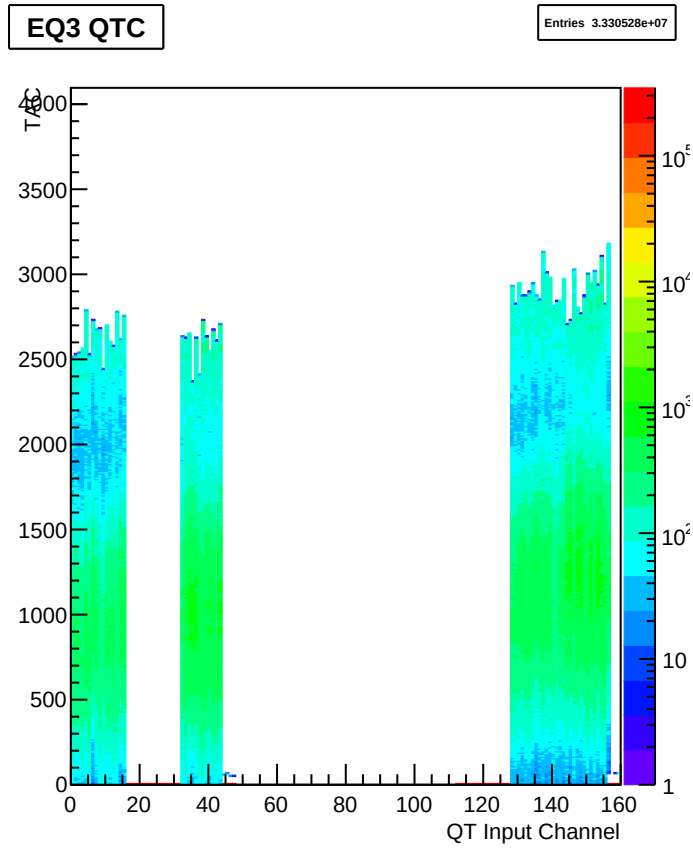

EQ2 QTC
Entries 3.330528e+07
ADC
QT Input Channel

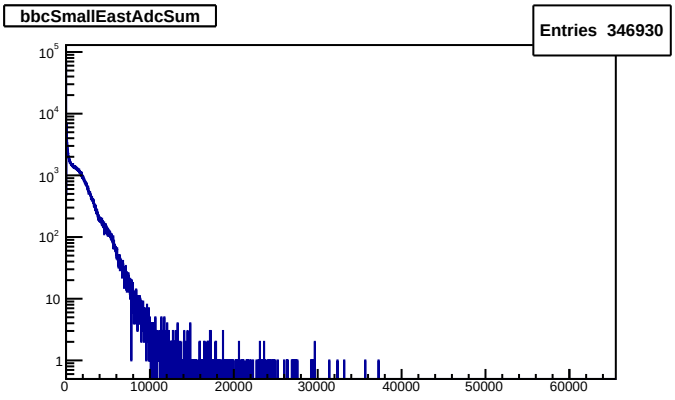

EQ2 QTC
Entries 3.330528e+07
TADC
QT Input Channel

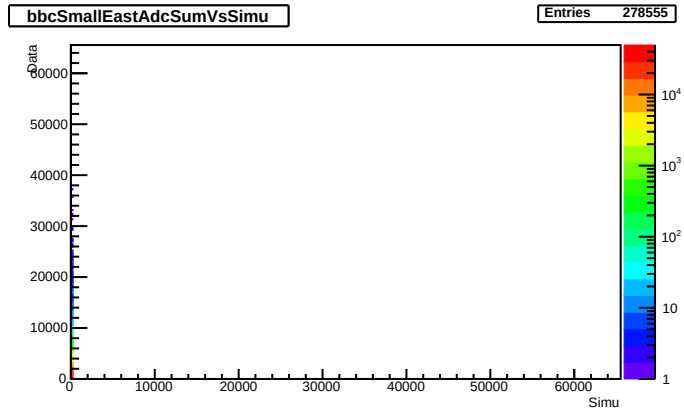

EQ3 QTB
Entries 8.881408e+07
ADC
QT Input Channel

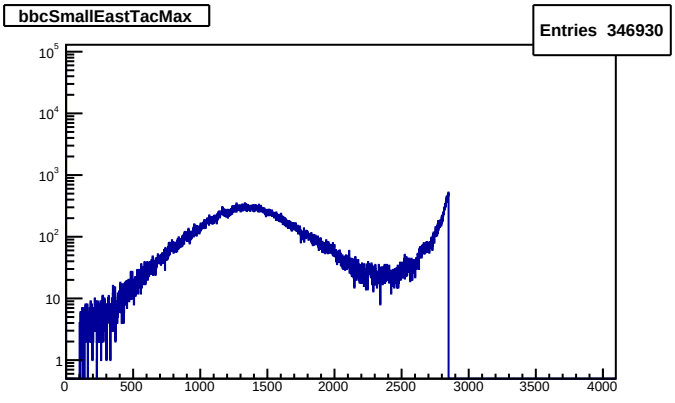

EQ3 QTB
Entries 2.763325e+07
TDC
QT Input Channel

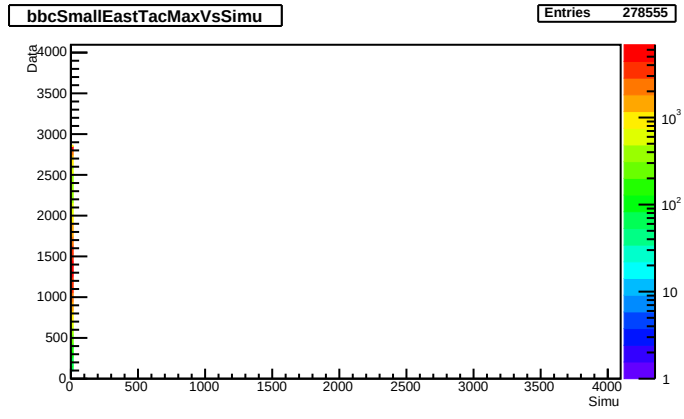

EQ3 QTC
Entries 3.330528e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.330528e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 346930


bbcSmallEastAdcSumVsSimu
Entries 278555
Data
Simu


bbcSmallEastTacMax
Entries 346930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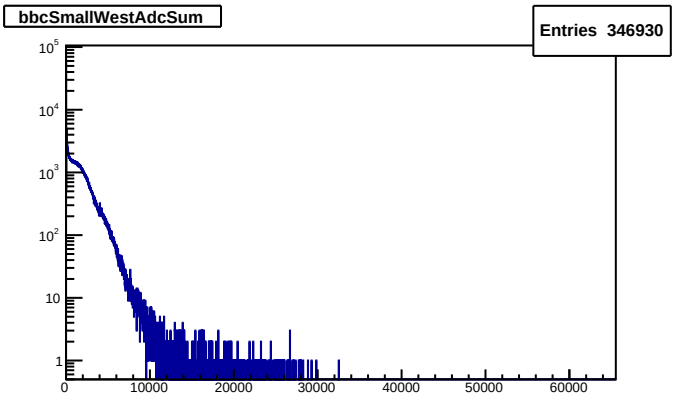
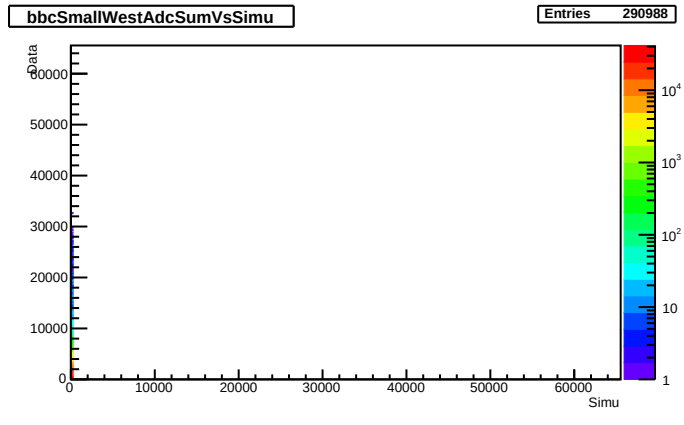
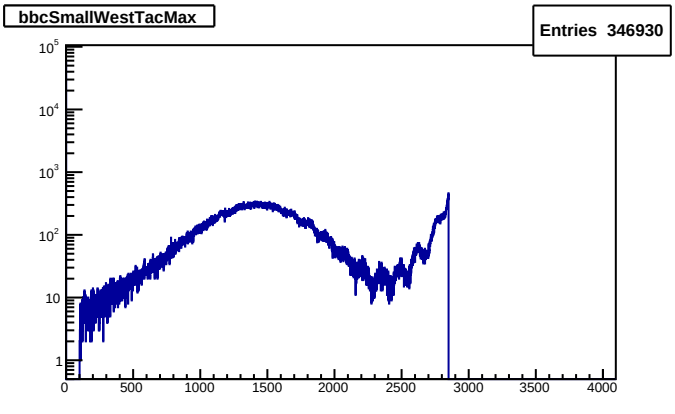
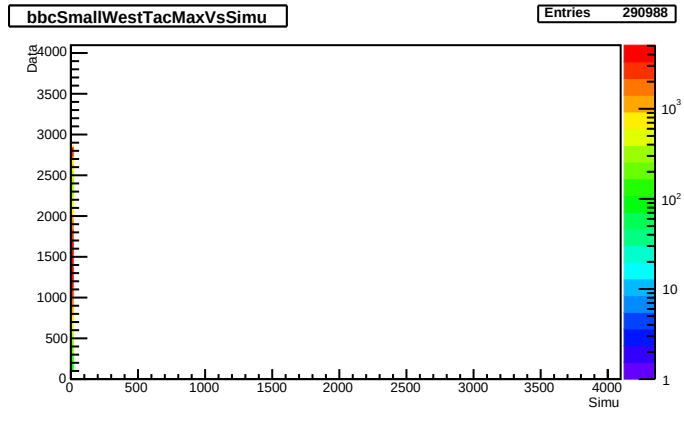
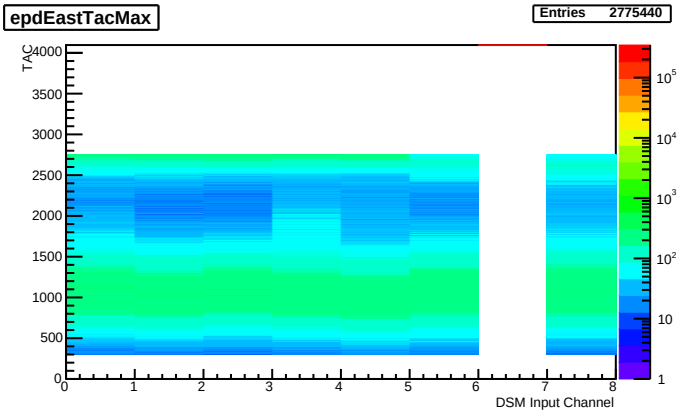
Entries 278555
Data
Simu

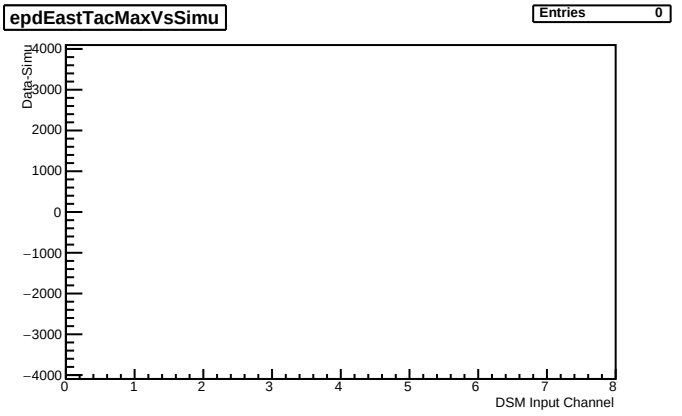

bbcSmallWestAdcSum
Entries 346930

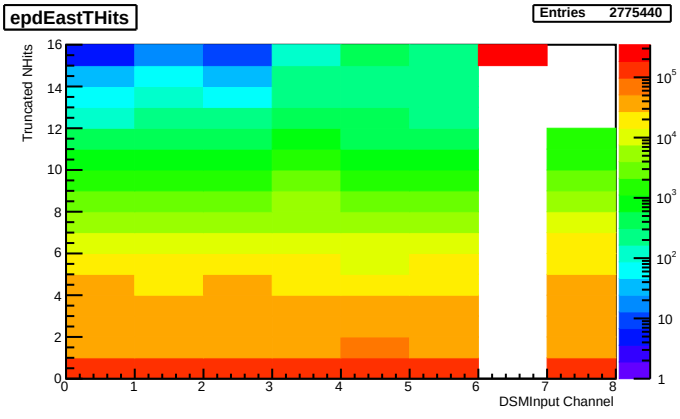

bbcSmallWestAdcSumVsSimu
Entries 290988
Data
Simu

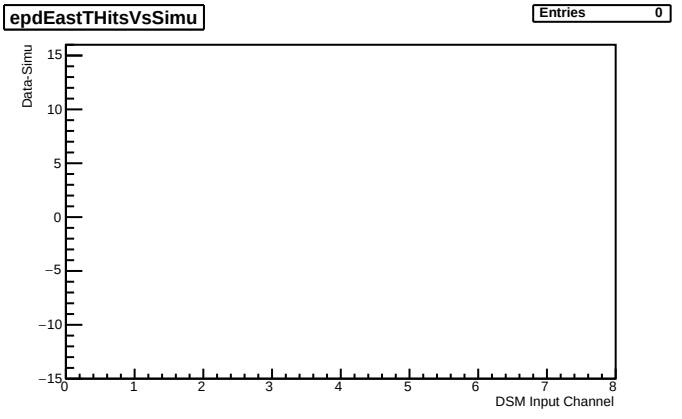

bbcSmallWestTacMax
Entries 346930

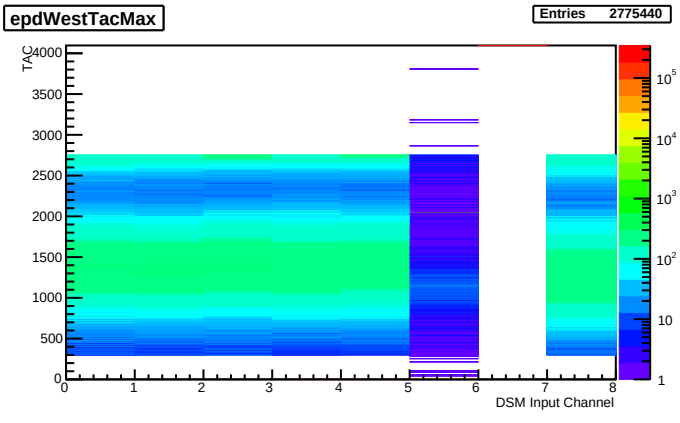

bbcSmallWestTacMaxVsSimu
Entries 290988
Data
Simu

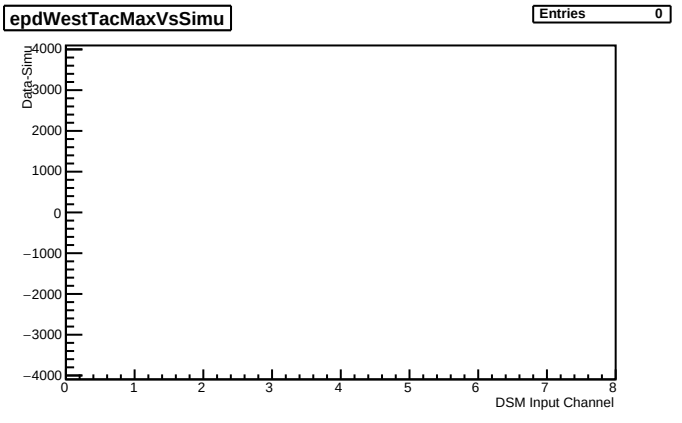

epdEastTacMax
Entries 2775440
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2775440
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2775440
TAC
DSM Input Channel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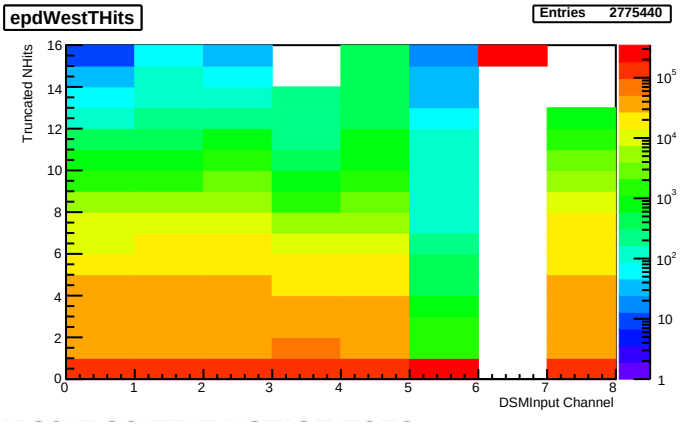
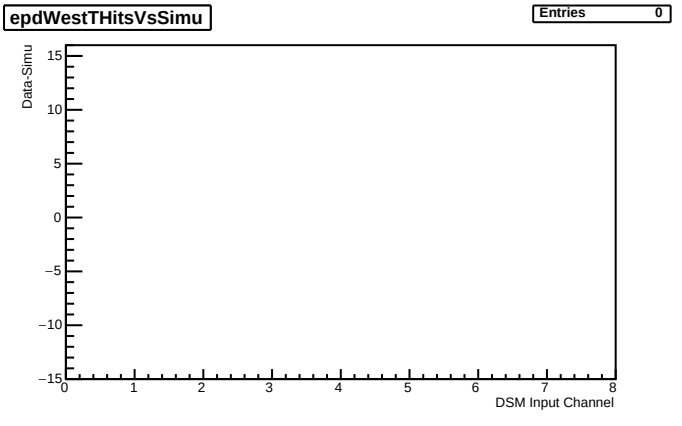
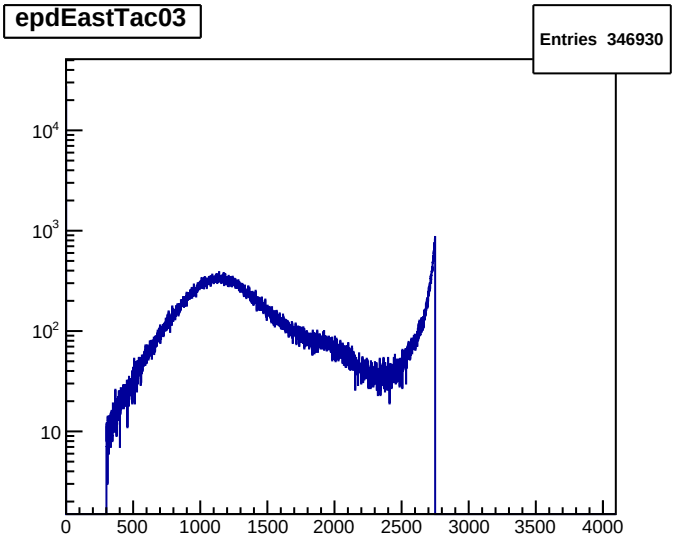
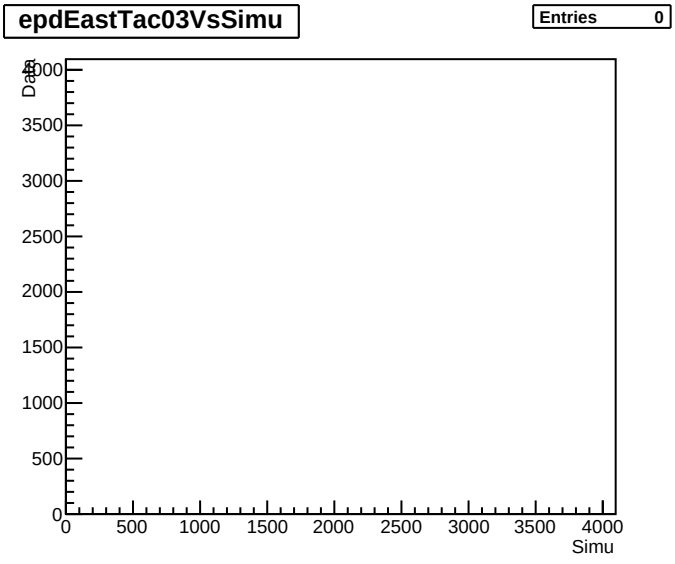
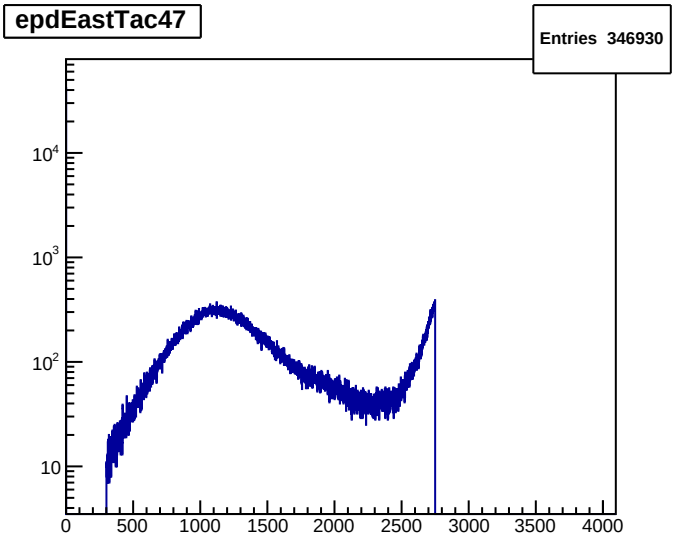
Entries 0
Data-Simu
DSM Input Channel

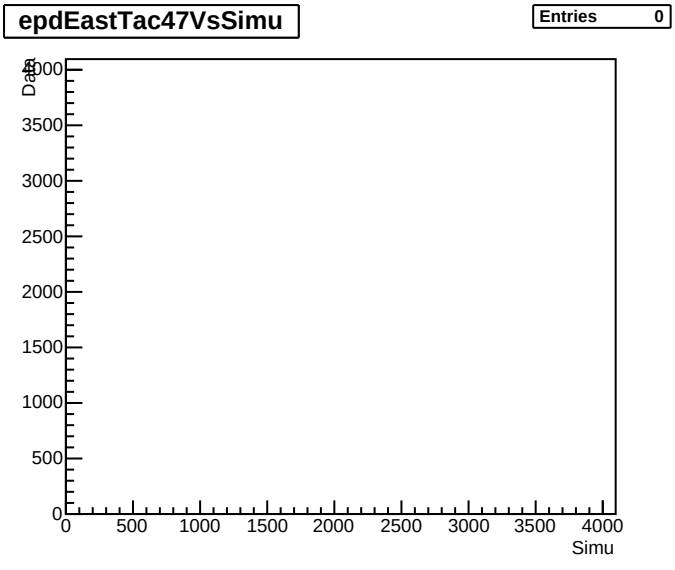

epdWestTHits
Entries 2775440
Truncated NHits
DSMInput Channel

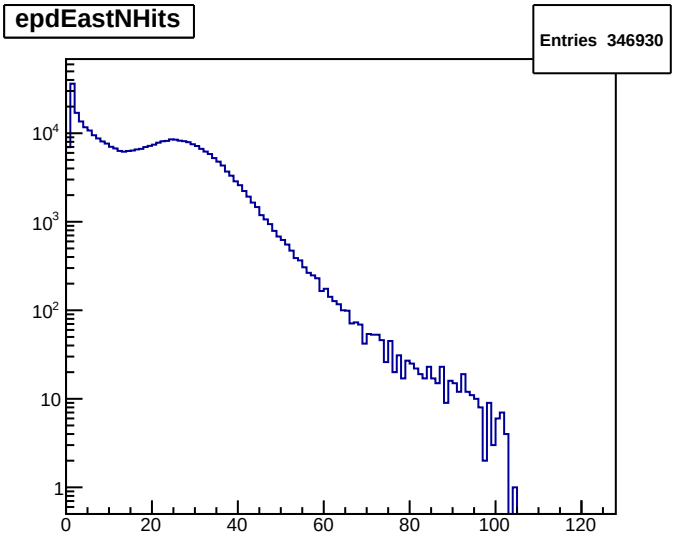

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

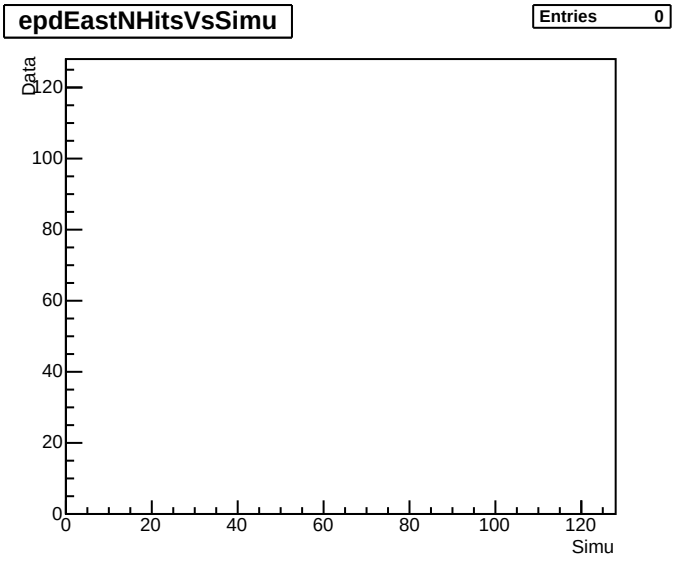

epdEastTac03
Entries 346930


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 346930


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 346930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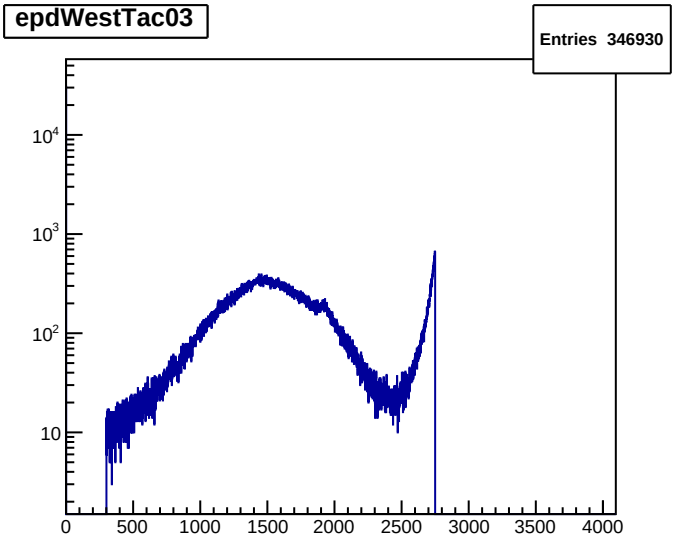
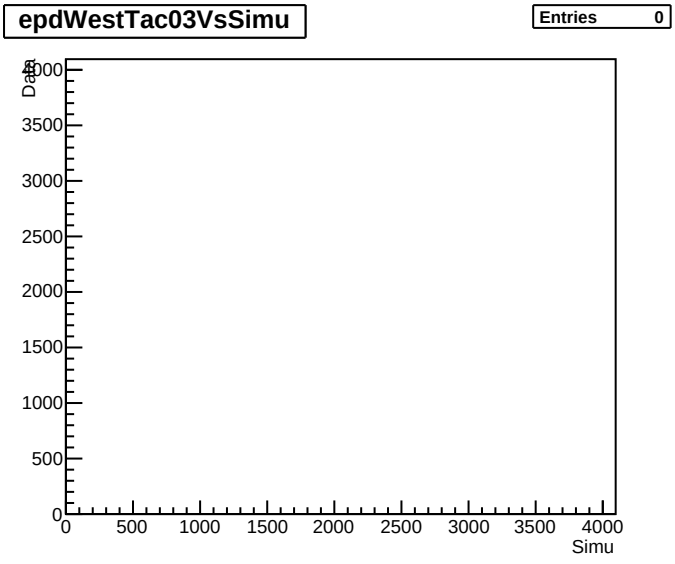
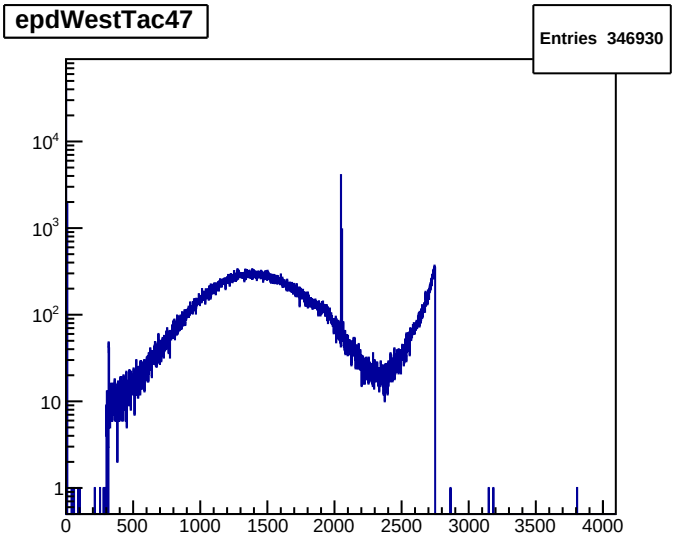
Entries 0
Data
Simu


epdWestTac03
Entries 346930


epdWestTac03VsSimu
Entries 0
Data
Simu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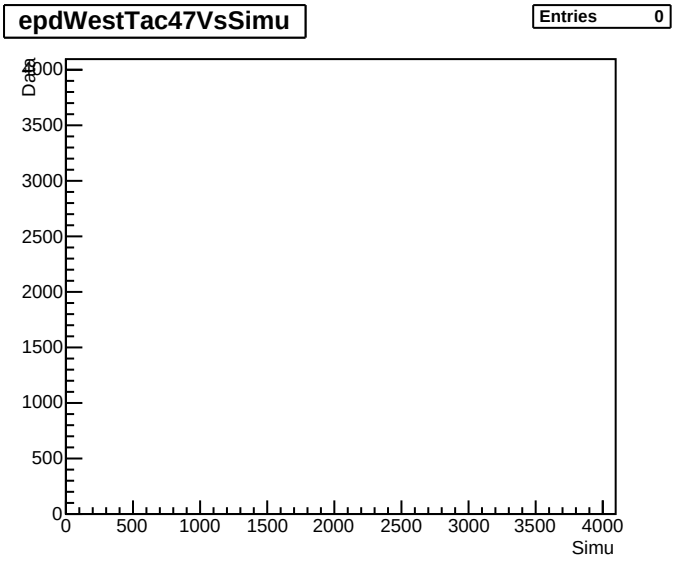
Entries 346930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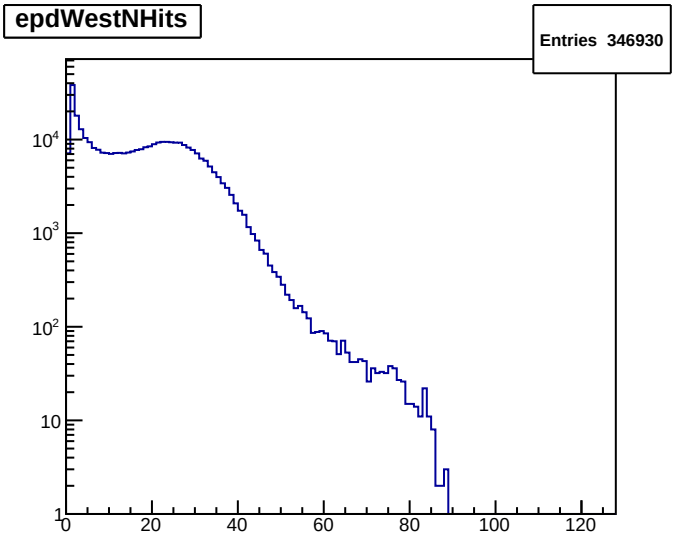
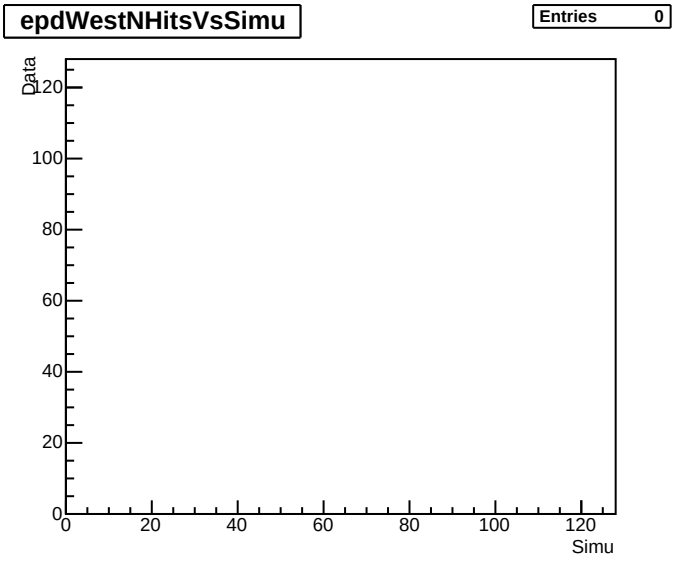
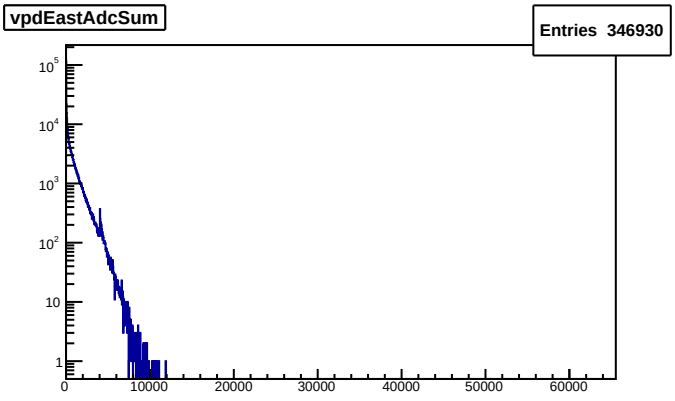
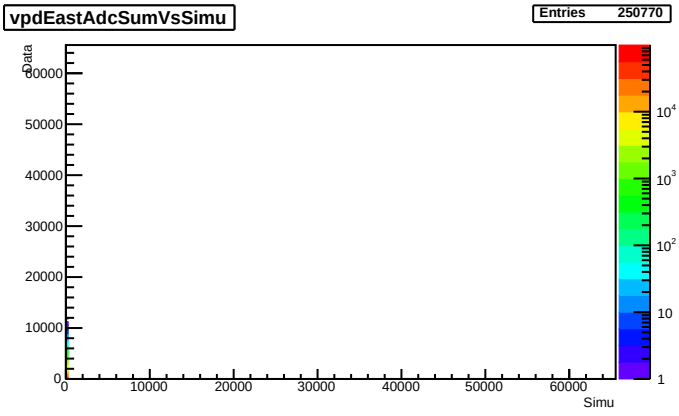
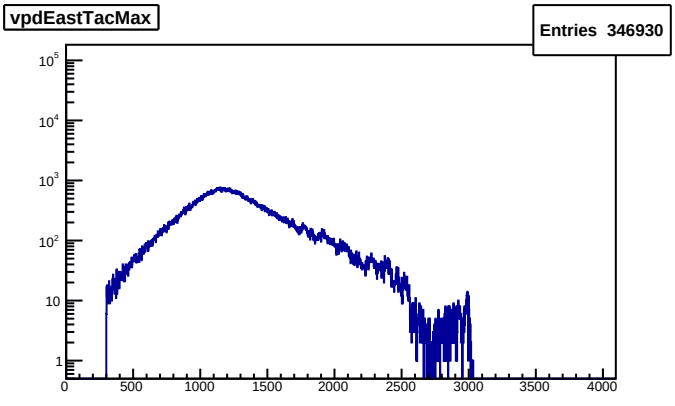
Entries 0
Data
Simu

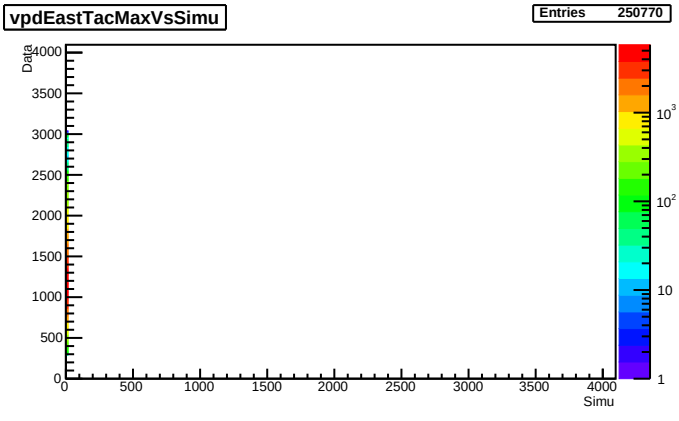

epdWestNHits
Entries 346930

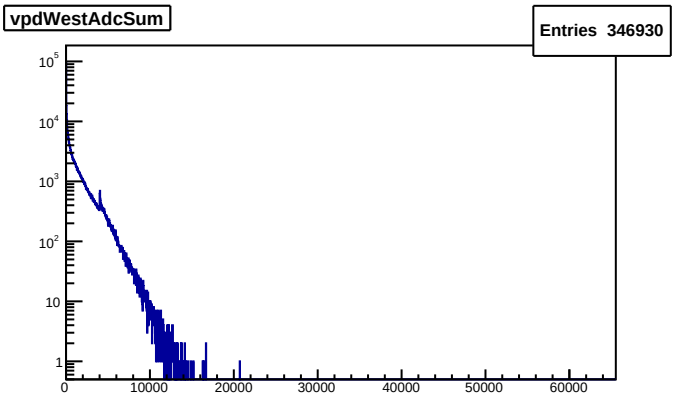

epdWestNHitsVsSimu
Entries 0
Data
Simu

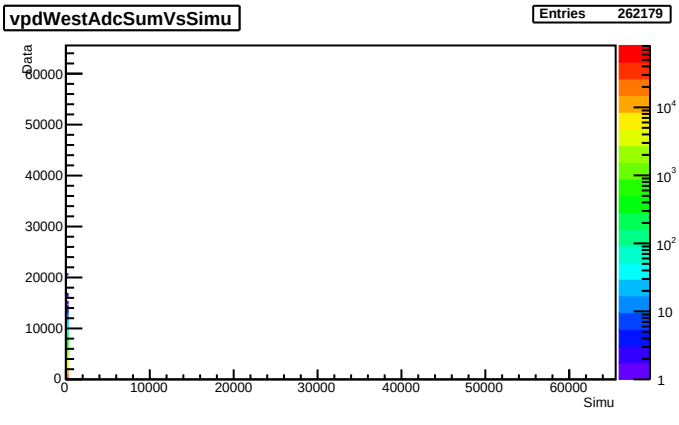

vpdEastAdcSum
Entries 346930

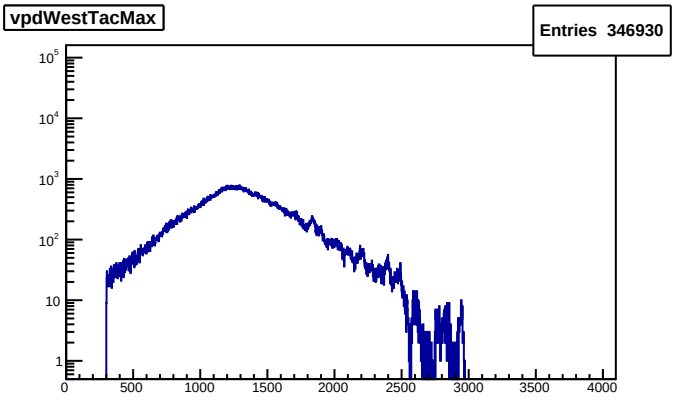

vpdEastAdcSumVsSimu
Entries 250770
Data
Simu

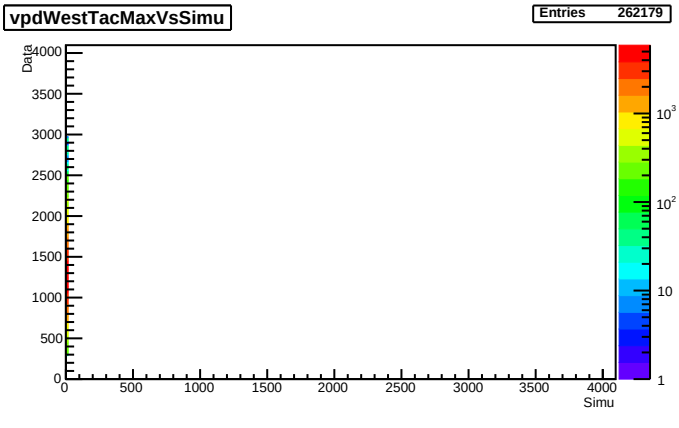

vpdEastTacMax
Entries 346930

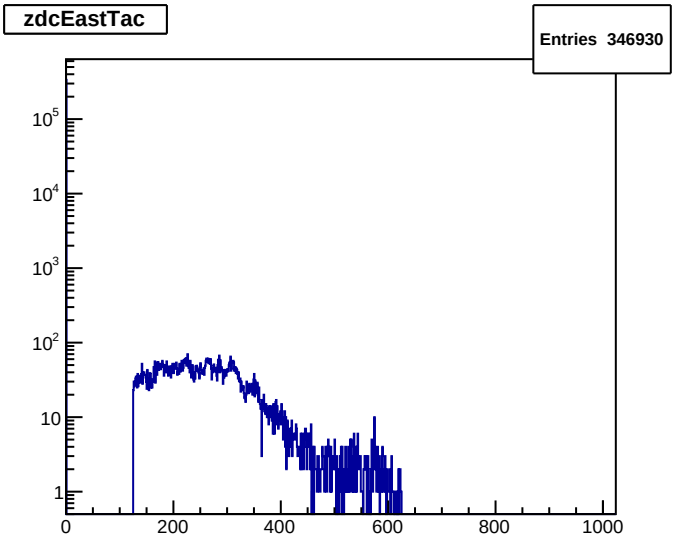

vpdEastTacMaxVsSimu
Entries 250770
Data
Simu

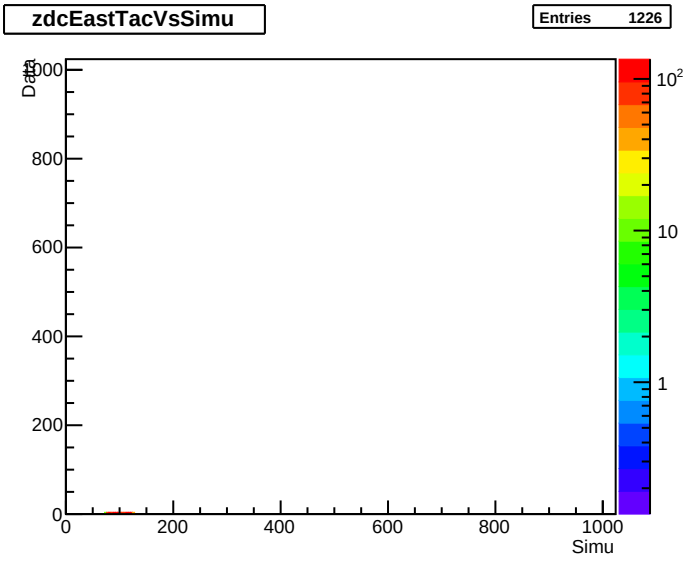

vpdWestAdcSum
Entries 346930

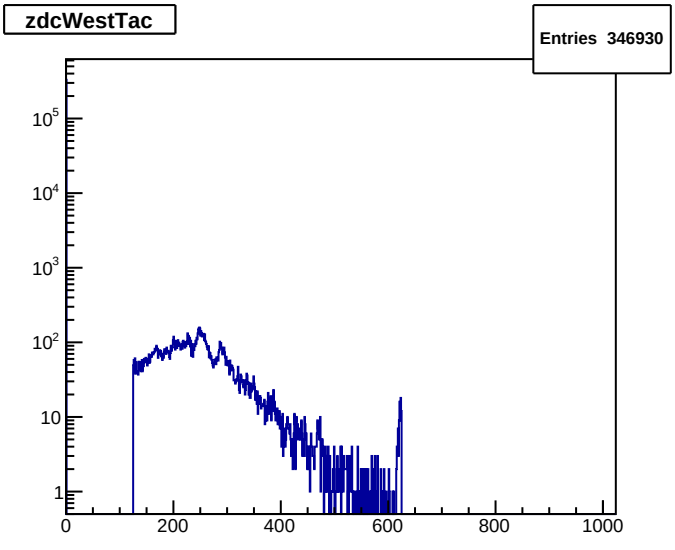

vpdWestAdcSumVsSimu
Entries 262179
Data
Simu

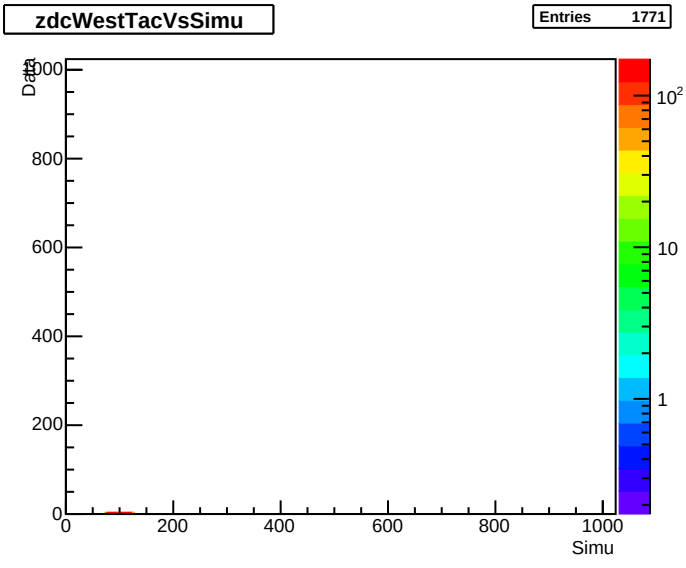

vpdWestTacMax
Entries 346930

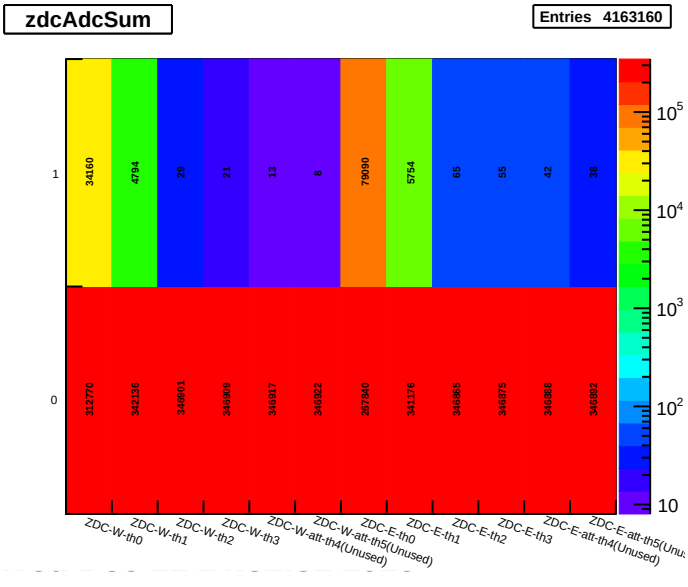

vpdWestTacMaxVsSimu
Entries 262179
Data
Simu

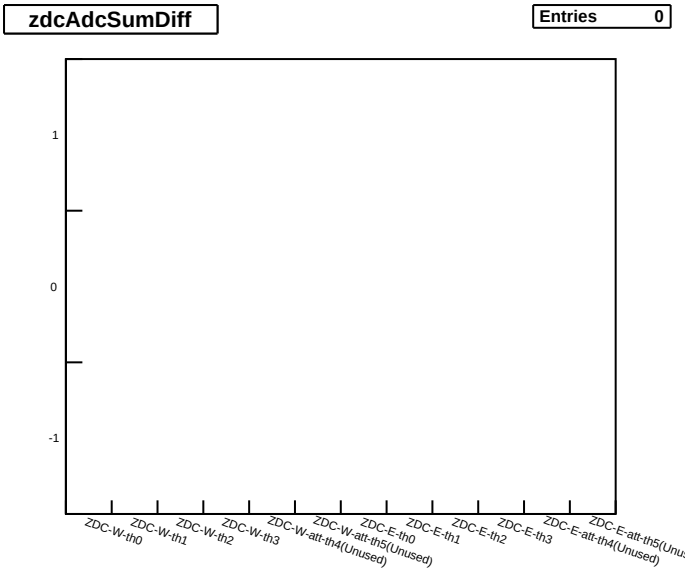

zdcEastTac
Entries 346930

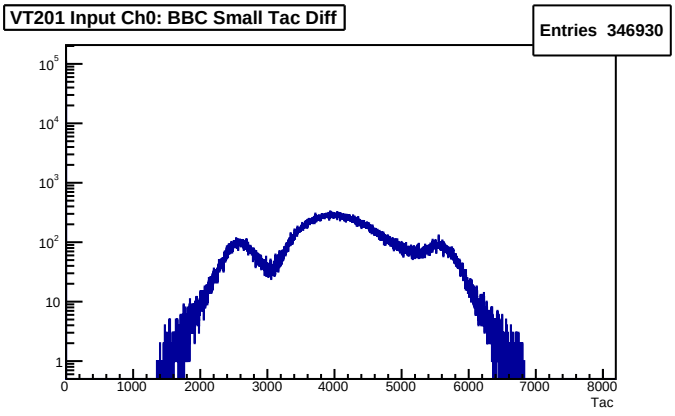

zdcEastTacVsSimu
Entries 1226
Data
Simu

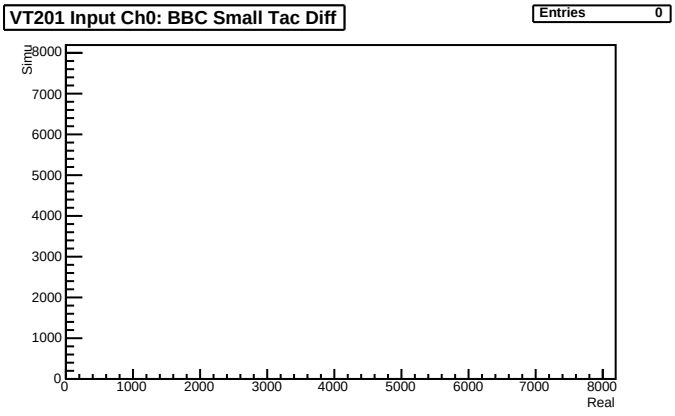

zdcWestTac
Entries 346930

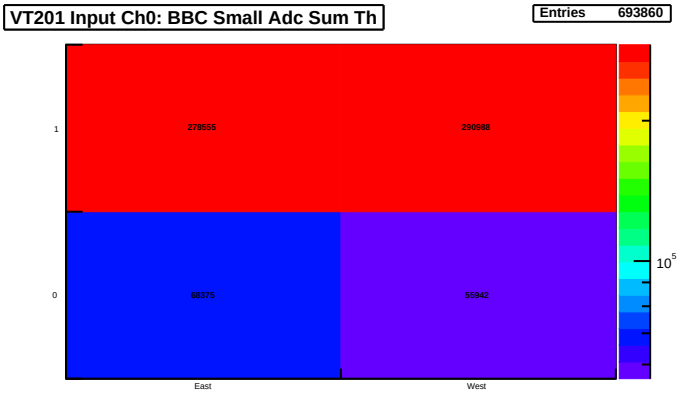

zdcWestTacVsSimu
Entries 1771
Data
Simu

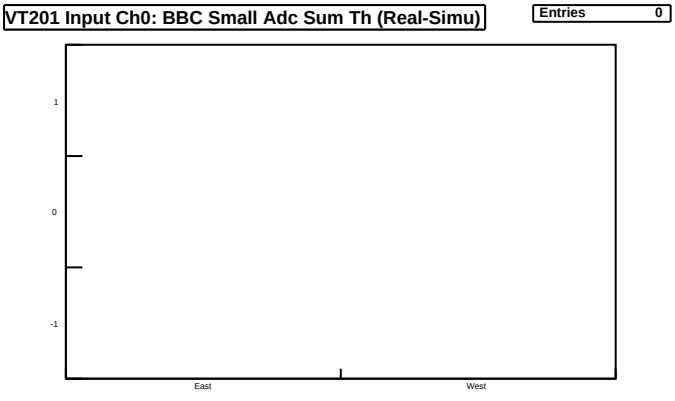

zdcAdcSum
Entries 4163160
34160
4794
29
21
13
8
79090
5754
65
55
42
38
312770
342136
346901
346909
346917
346922
267840
341176
346865
346875
346888
346892
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

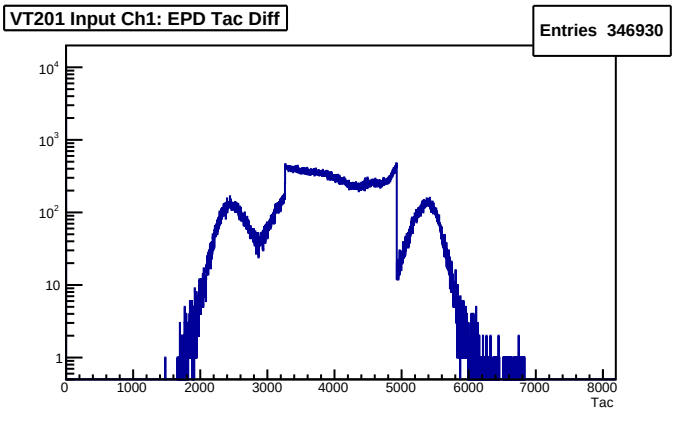

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

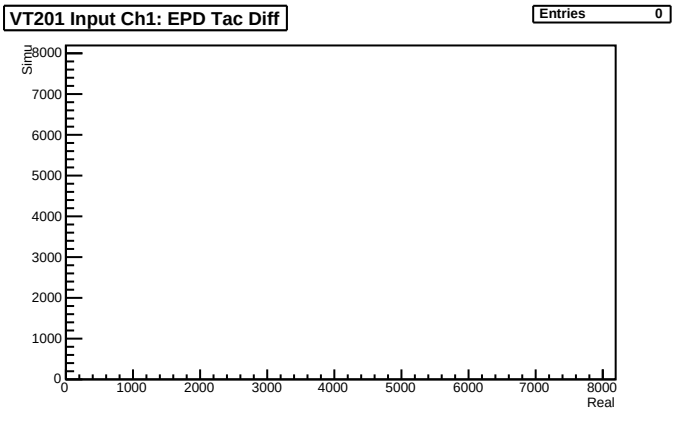

VT201 Input Ch0: BBC Small Tac Diff
Entries 346930
Tac

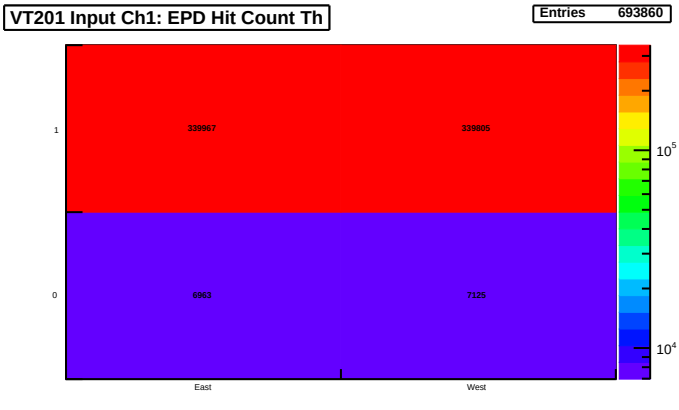

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

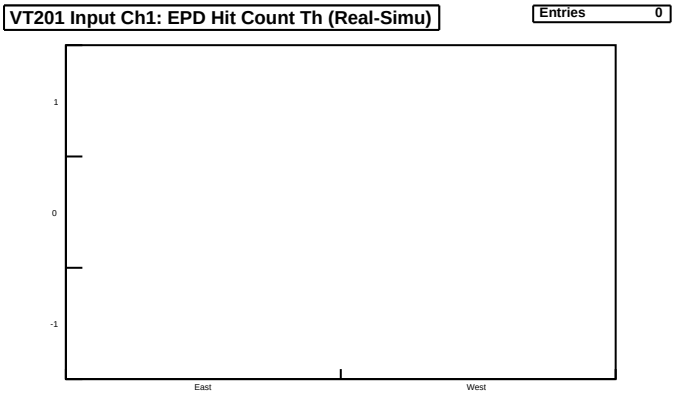

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 693860
278555
290988
68375
55942
East
West

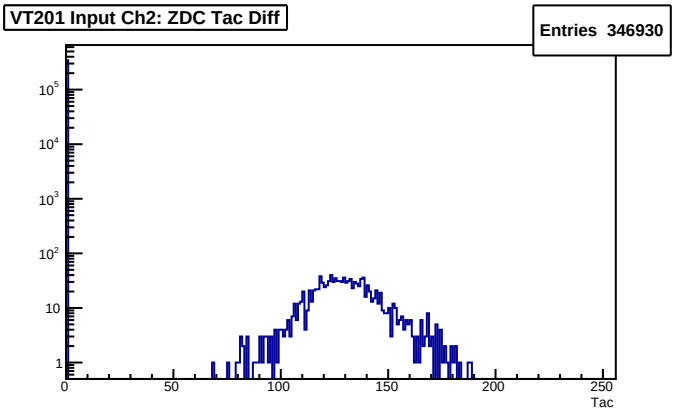

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

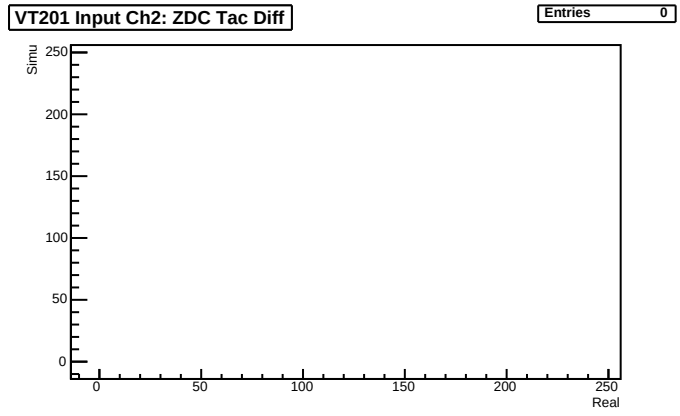

VT201 Input Ch1: EPD Tac Diff
Entries 346930
Tac

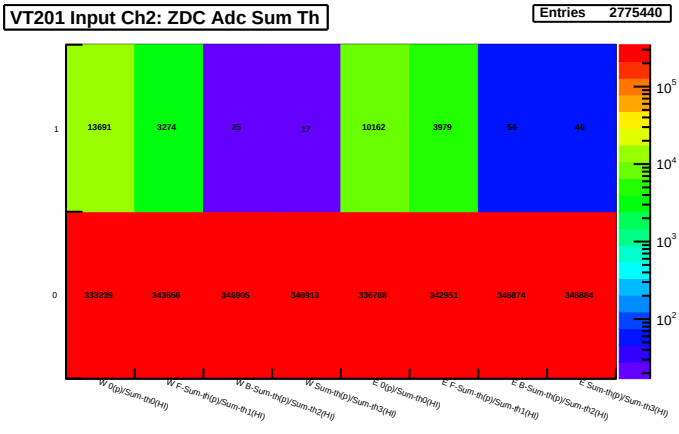

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

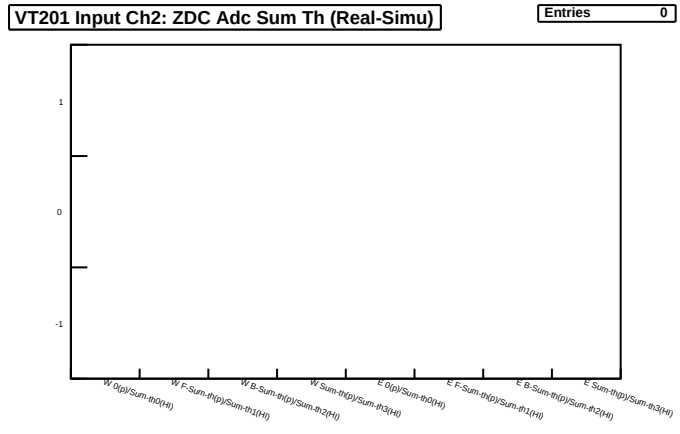

VT201 Input Ch1: EPD Hit Count Th
Entries 693860
339967
339805
6963
7125
East
West

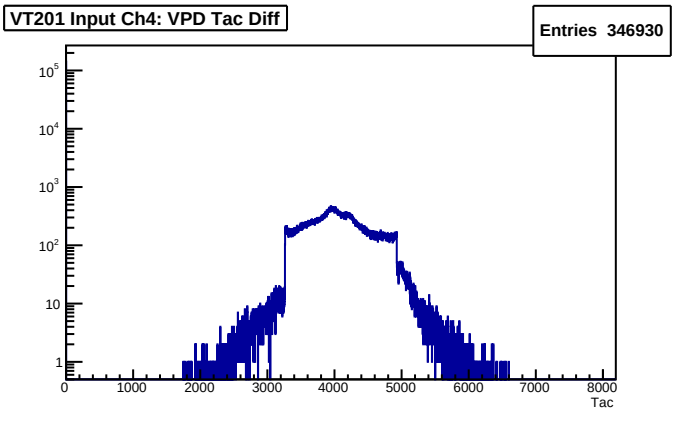

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

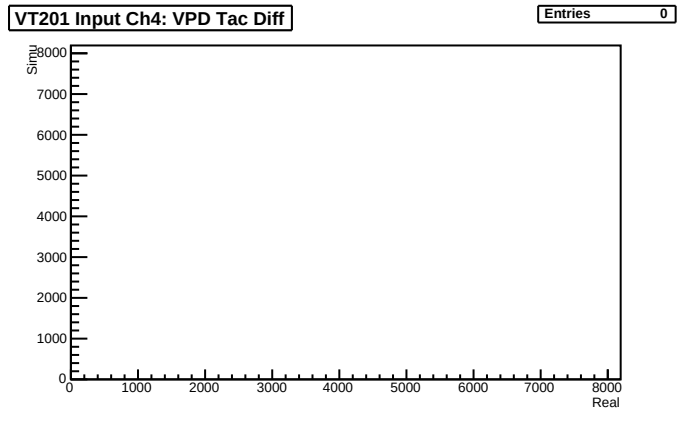

VT201 Input Ch2: ZDC Tac Diff
Entries 346930
Tac

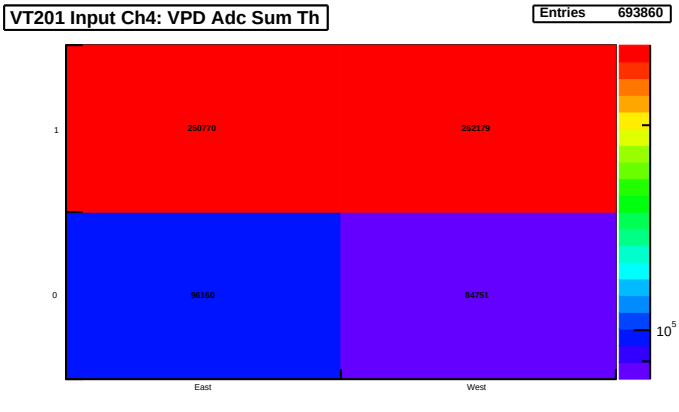

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

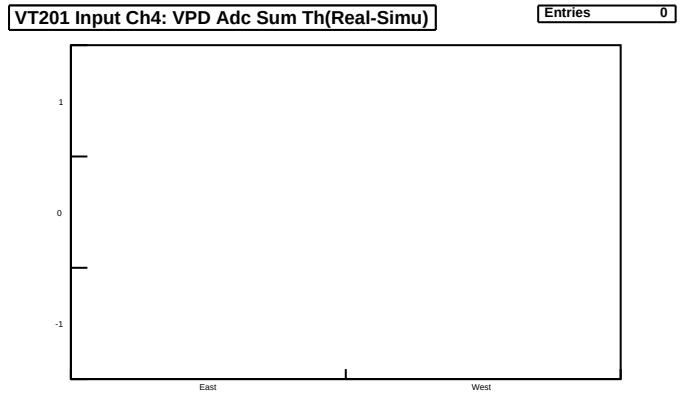

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2775440
13691
3274
25
17
10162
3979
56
46
333239
343656
346905
346913
336768
342951
346874
346884
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

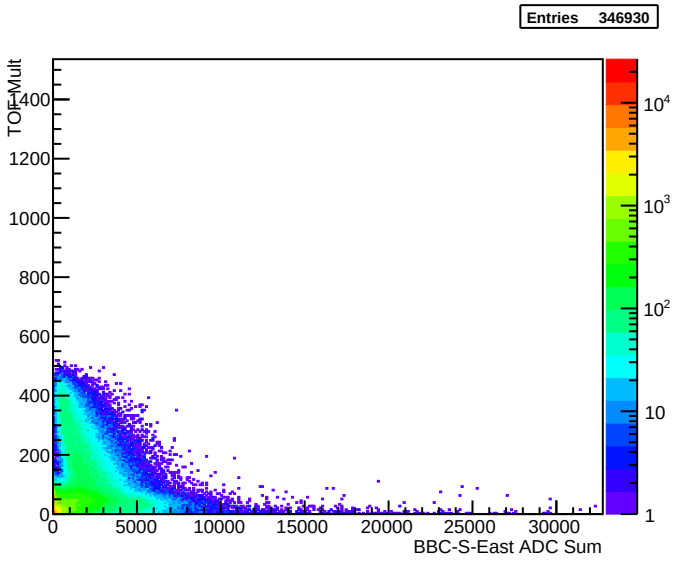

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

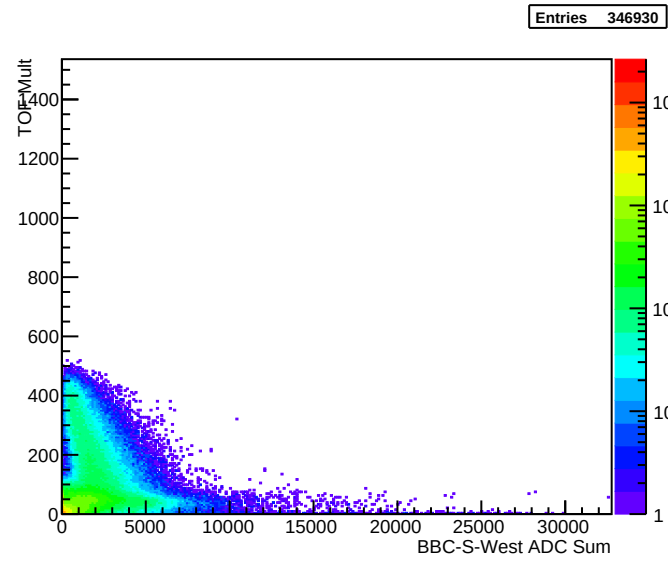

VT201 Input Ch4: VPD Tac Diff
Entries 346930
Tac

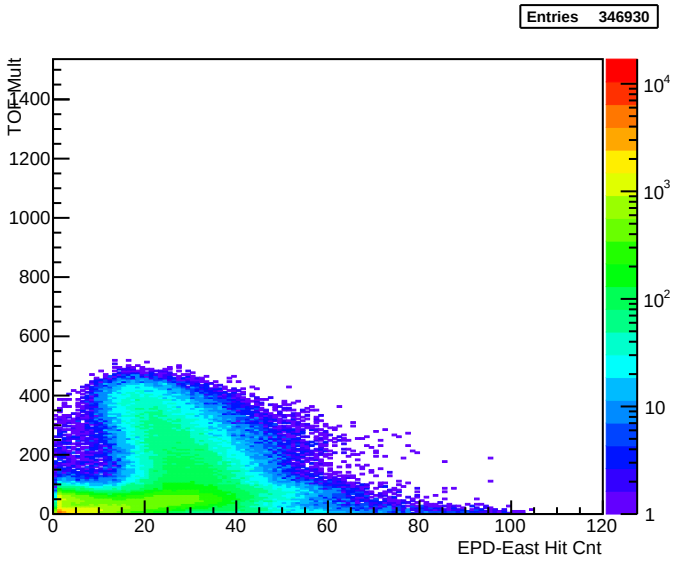

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

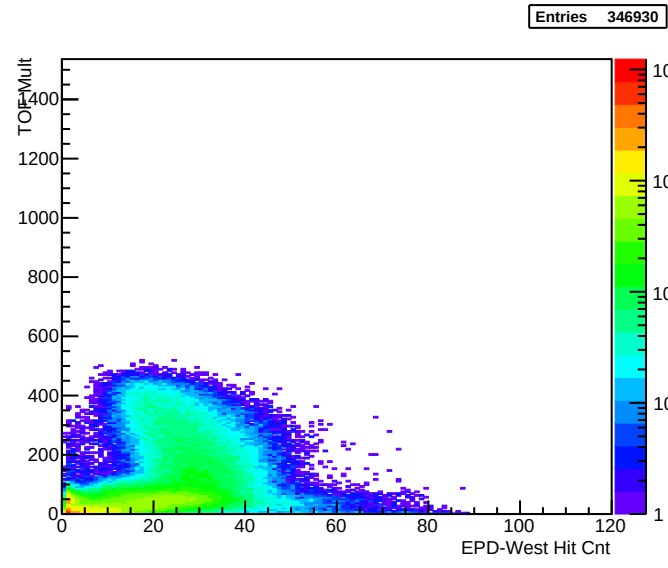

VT201 Input Ch4: VPD Adc Sum Th
Entries 693860
250770
262179
96160
84751
East
West

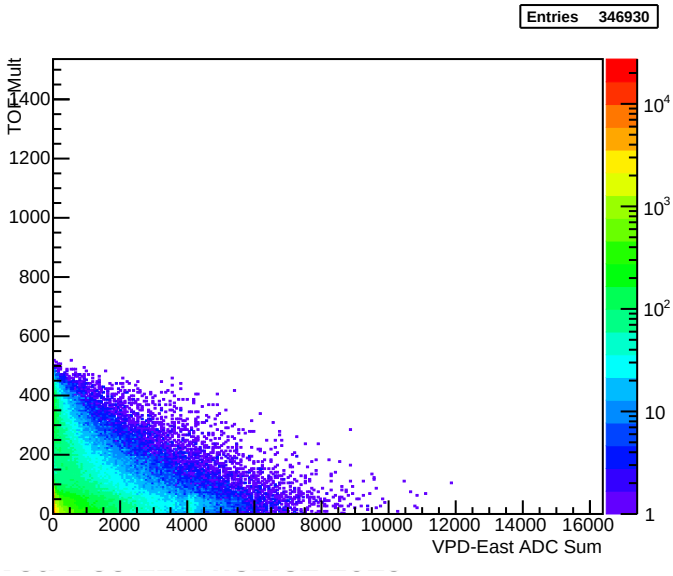

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

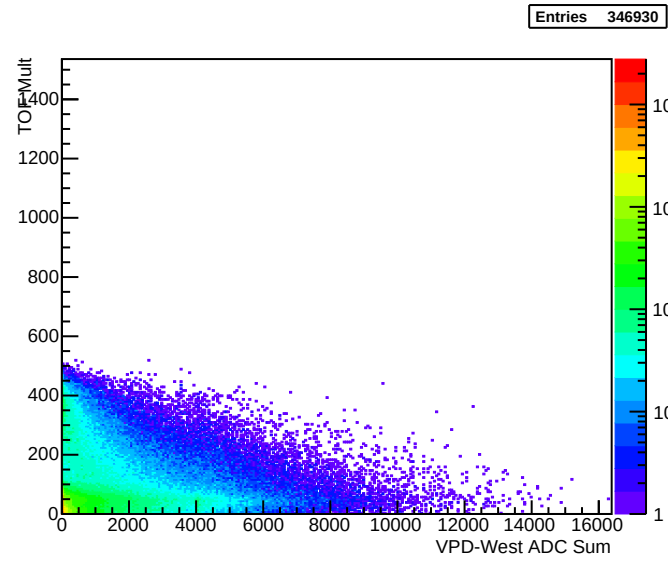

Entries 346930
TOF-Mult
BBC-S-East ADC Sum

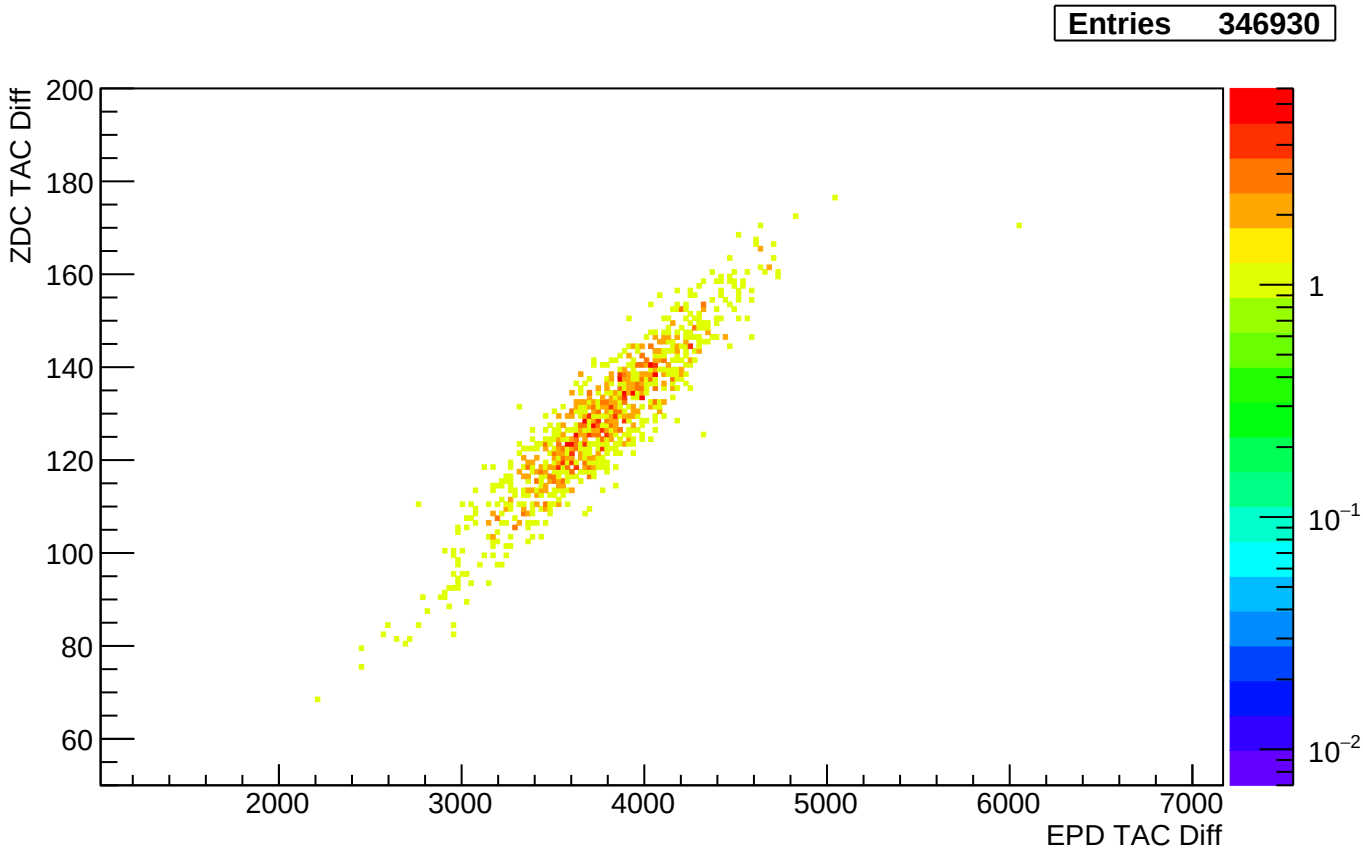

Entries 346930
TOF-Mult
BBC-S-West ADC Sum

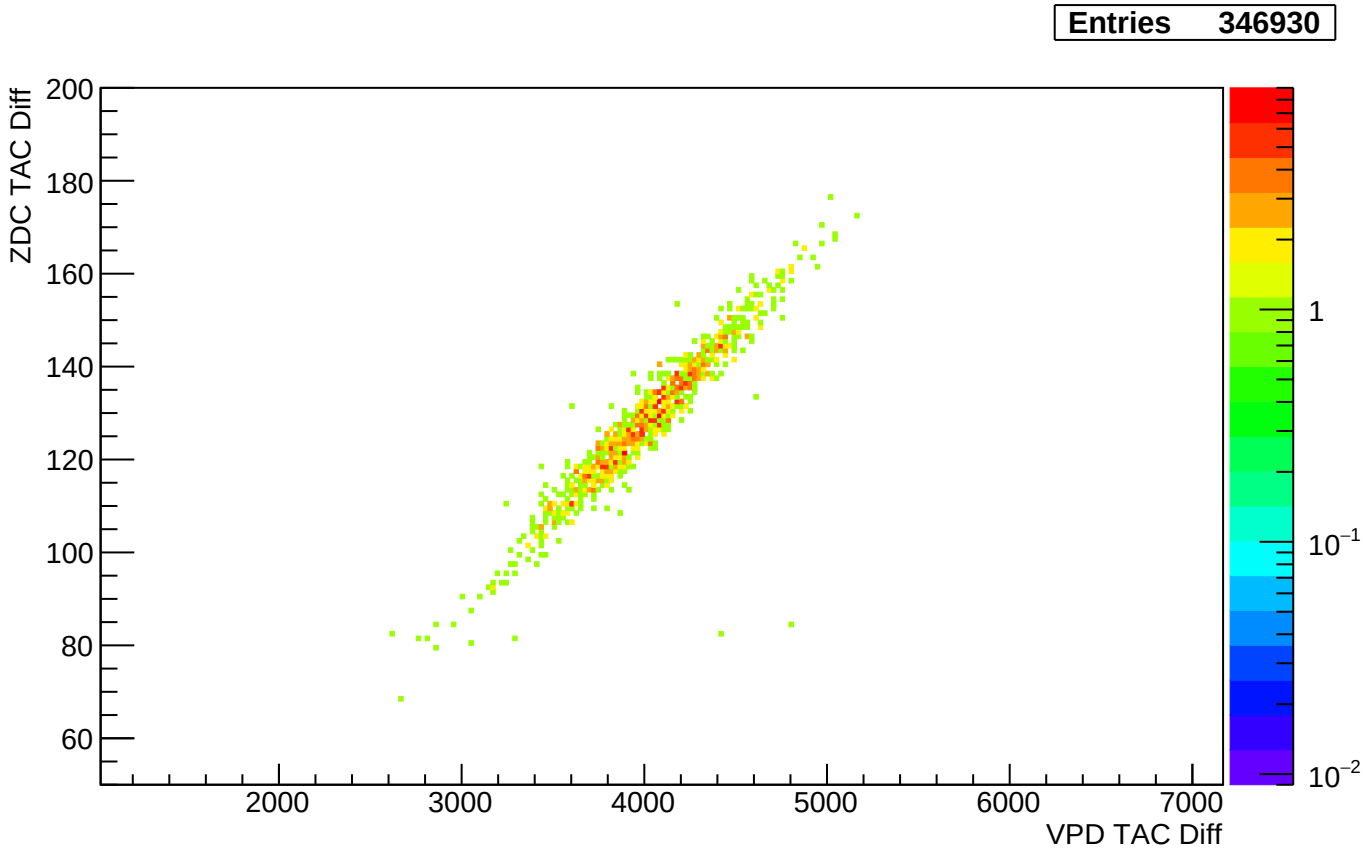

Entries 346930
TOF-Mult
EPD-East Hit Cnt

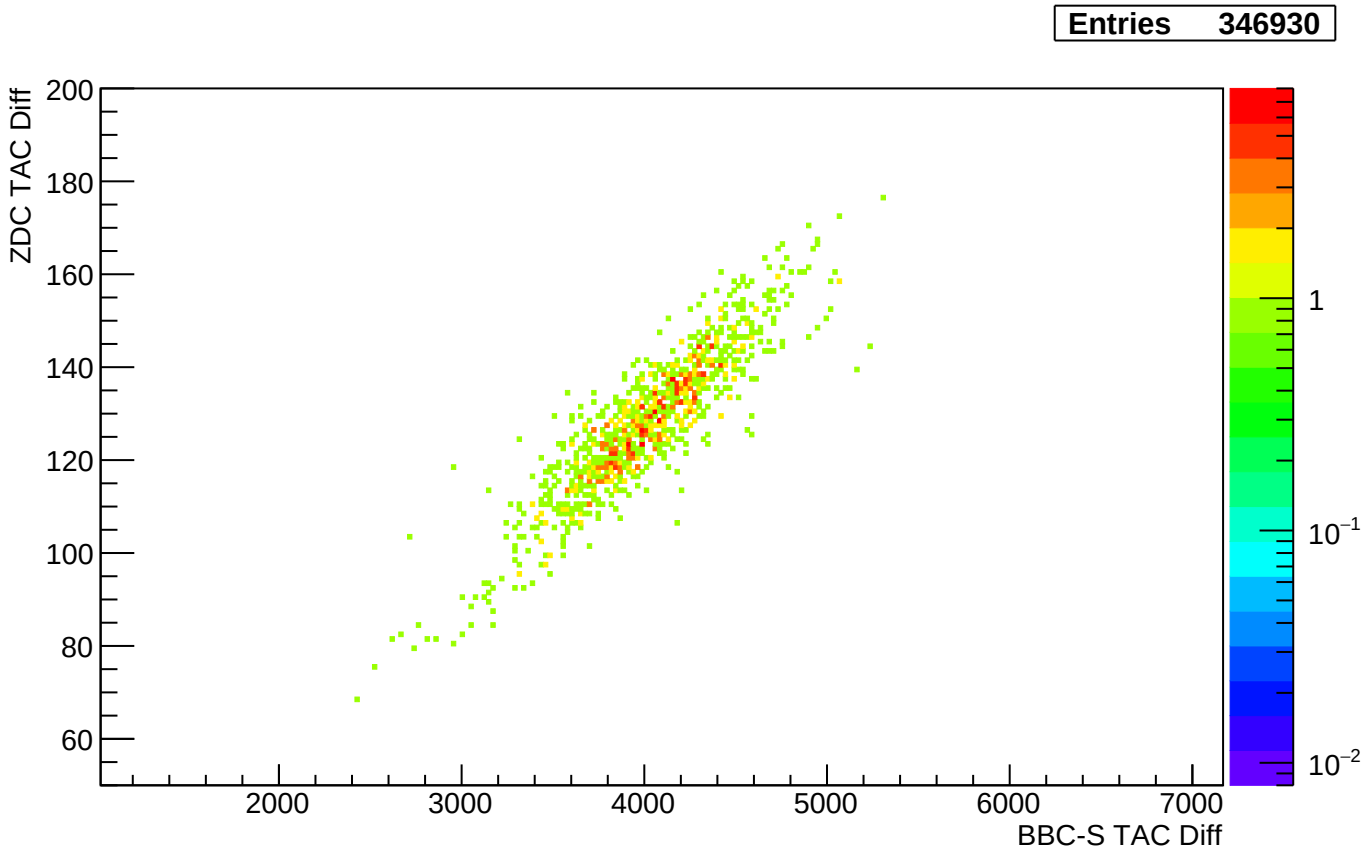

Entries 346930
TOF-Mult
EPD-West Hit Cnt

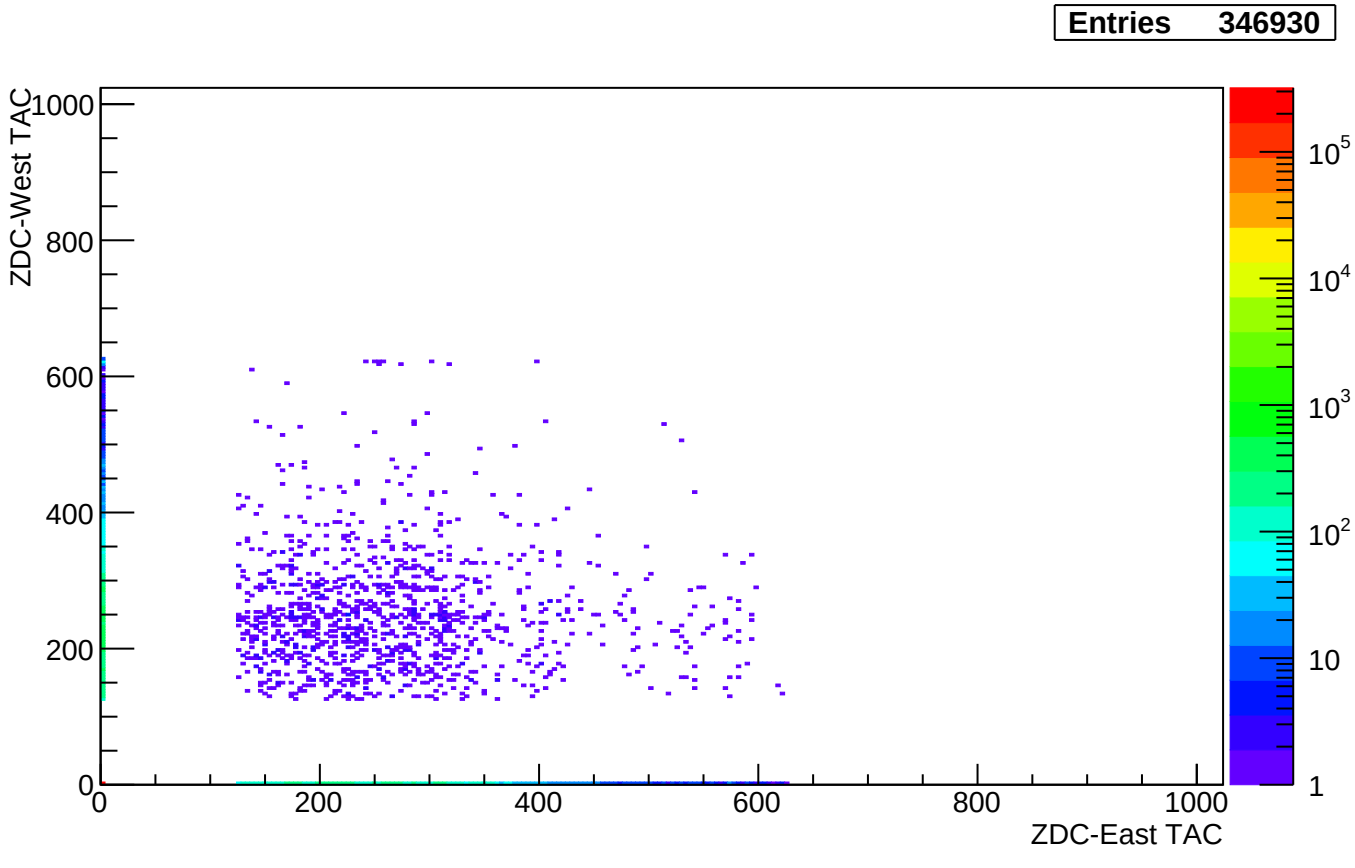

Entries 346930
TOF-Mult
VPD-East ADC Sum

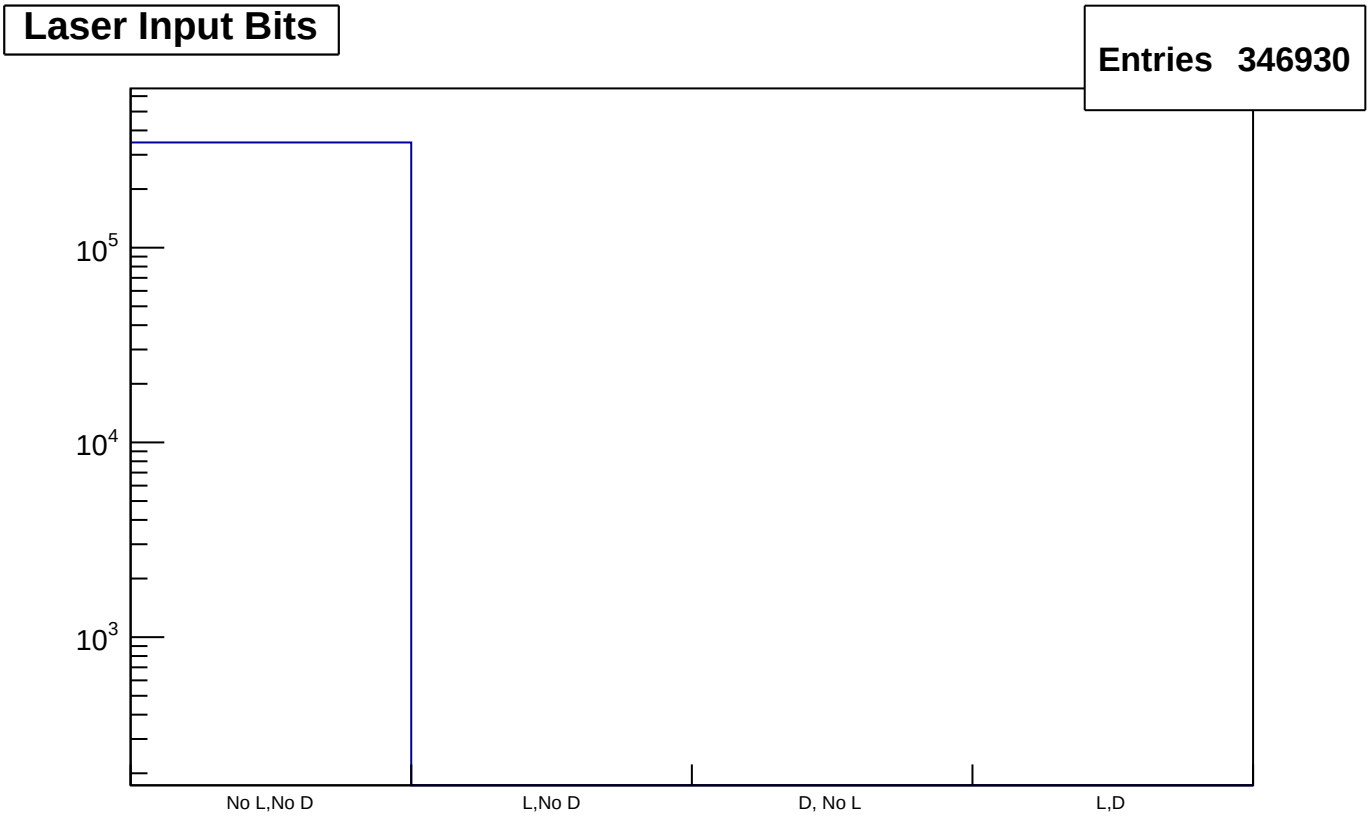

Entries 346930
TOF-Mult
VPD-West ADC Sum

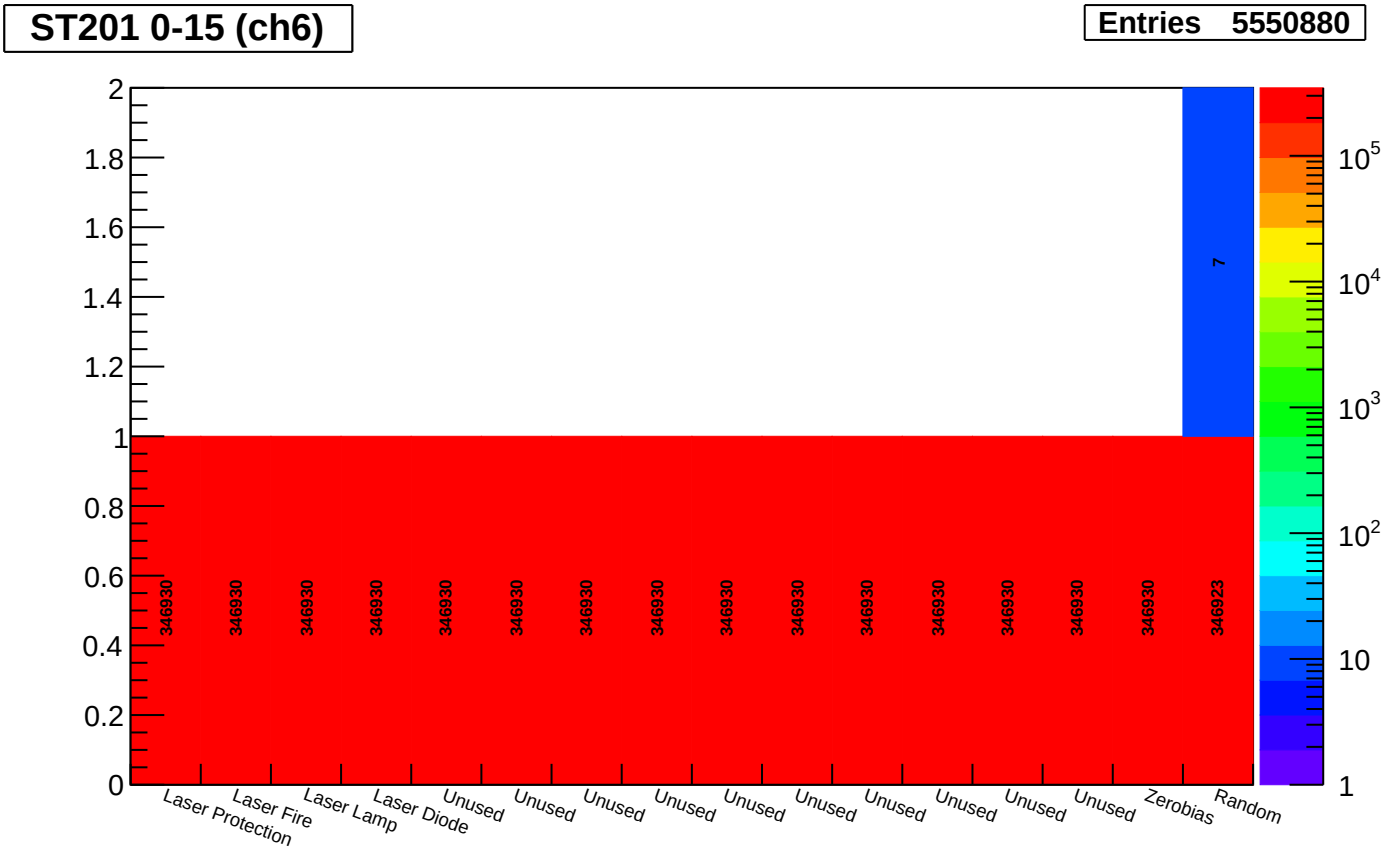

Entries 346930
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

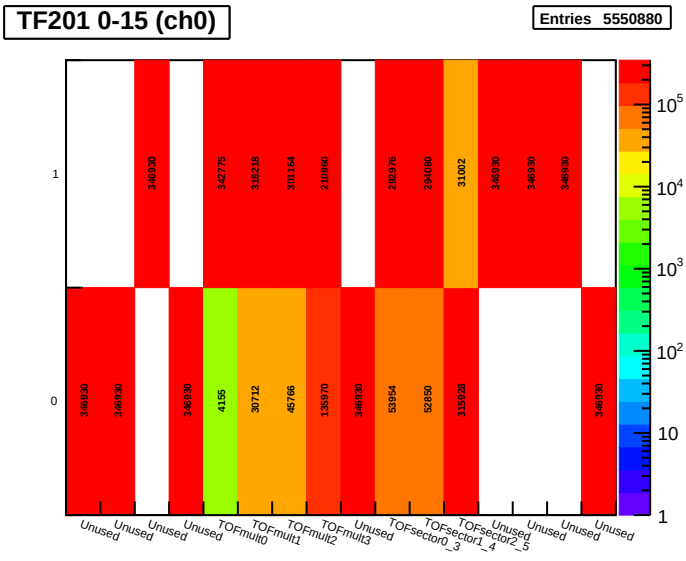

Entries 346930
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

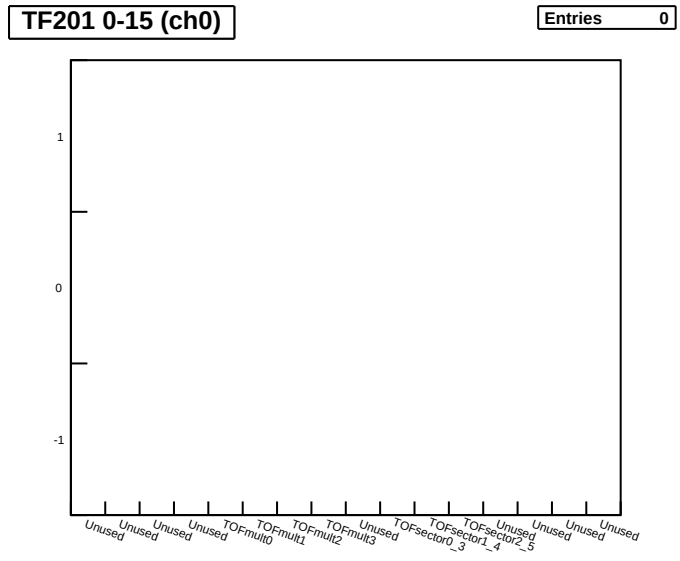

Entries 346930
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

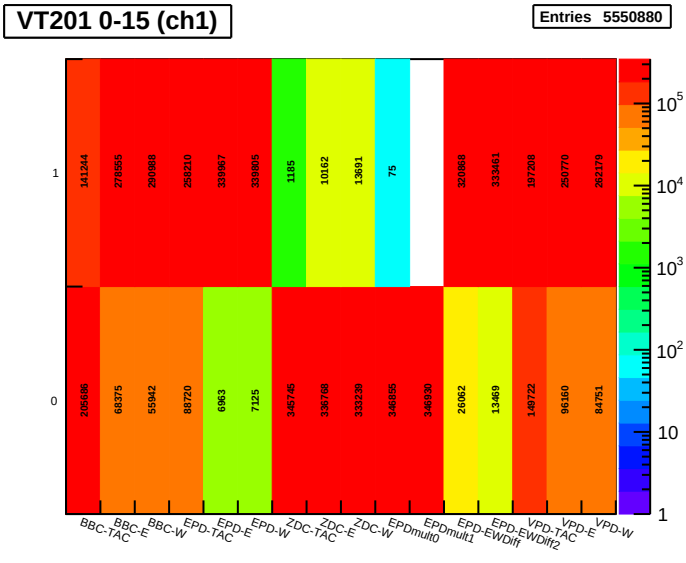

Entries 346930
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

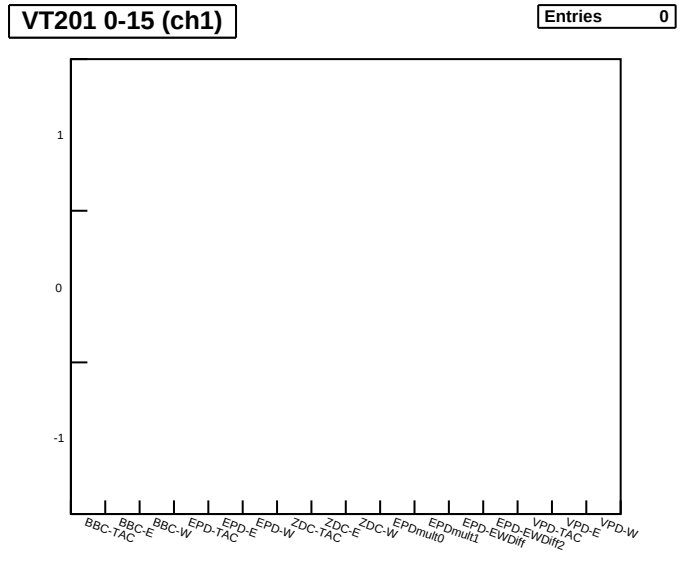

Laser Input Bits
Entries 346930
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

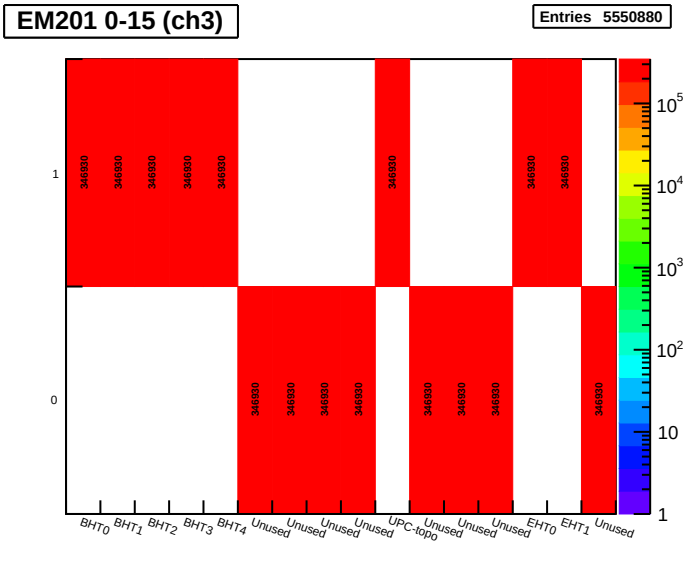

ST201 0-15 (ch6)
Entries 5550880
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
7
346930
346923
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

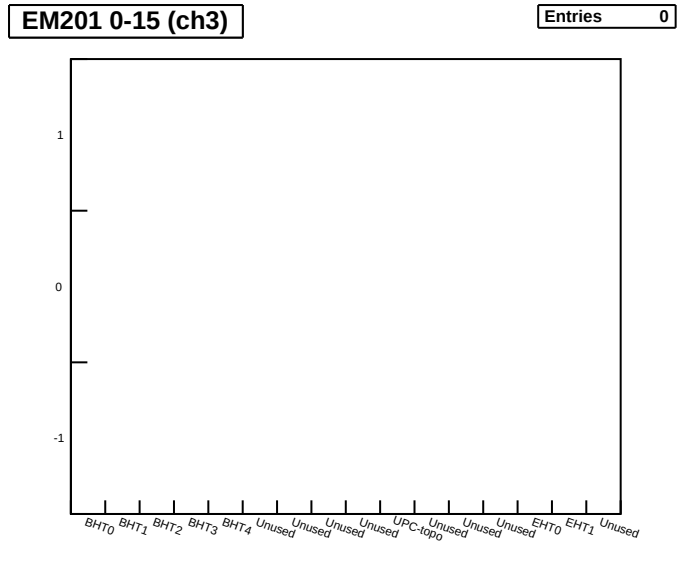

TF201 0-15 (ch0)
Entries 5550880
346930 342775 316218 301164 210960 292976 294080 31002 346930 346930 346930
346930 346930 346930 4155 30712 45766 135970 346930 53954 52850 315928 346930
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
1
0
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
1
0
-1


VT201 0-15 (ch1)
Entries 5550880
141244 278555 290988 258210 339967 339805 1185 10162 13691 75 320858 333461 197208 250770 262179
206686 68375 55942 88720 6963 7125 345745 338768 333239 346855 346930 26062 13469 148722 96160 84751
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
1
0
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
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
1
0
-1


EM201 0-15 (ch3)
Entries 5550880
346930 346930 346930 346930 346930 346930 346930 346930
346930 346930 346930 346930 346930 346930 346930 346930
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1
0
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1
0
-1