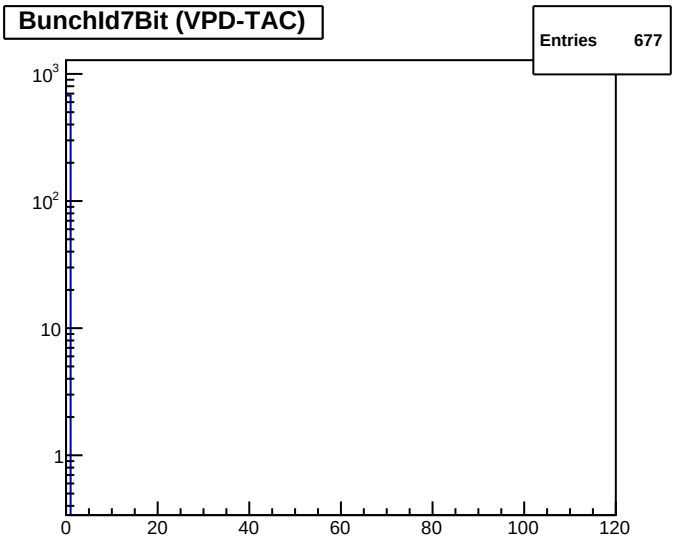
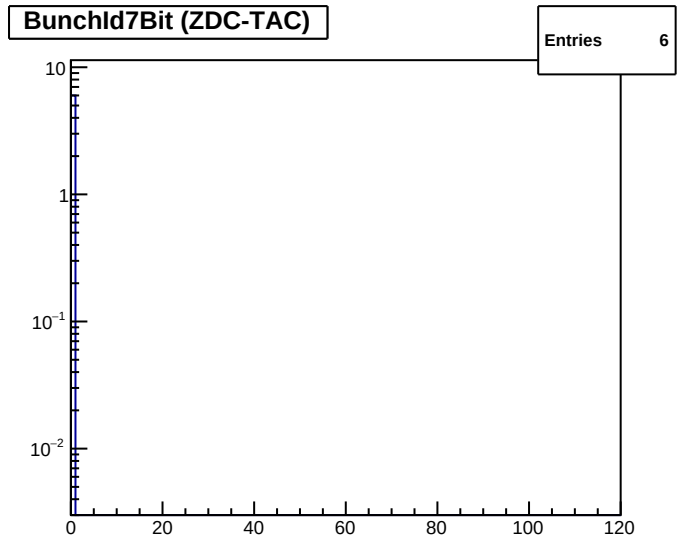
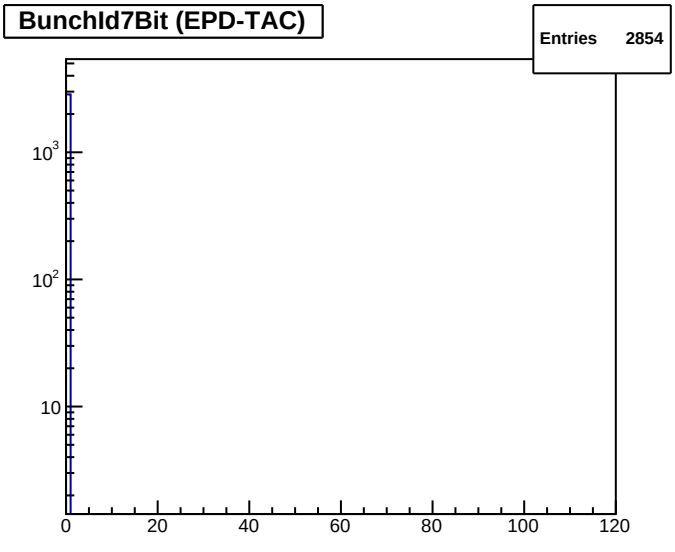
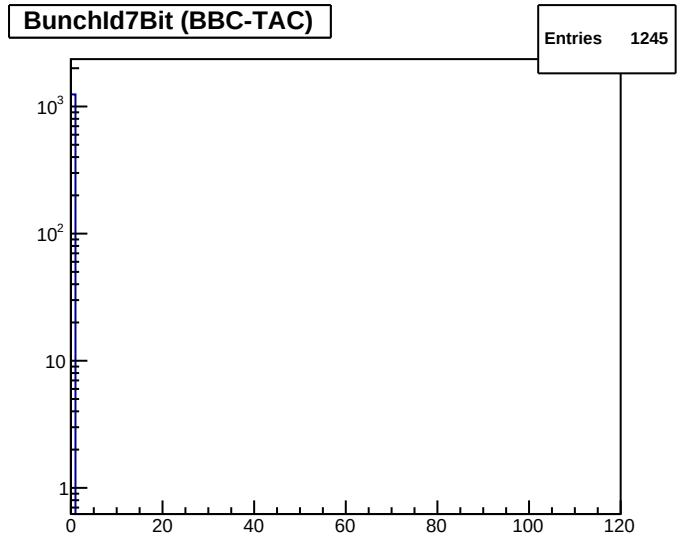
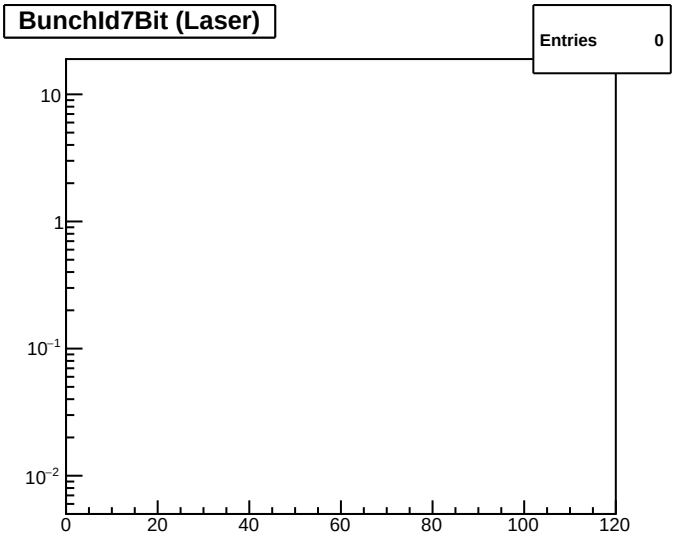
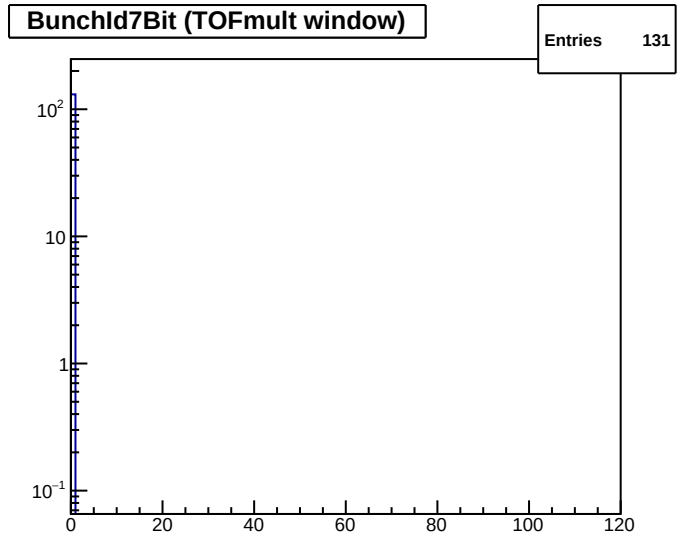

BunchId7Bit (VPD-TAC)
Entries 677

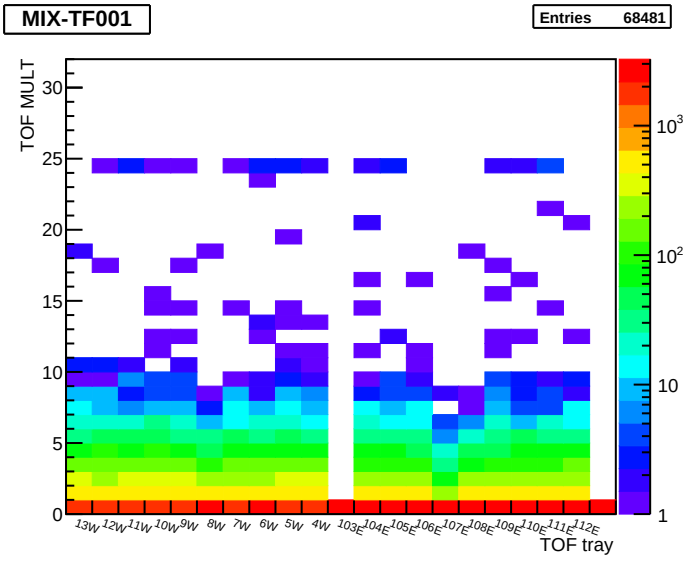

BunchId7Bit (ZDC-TAC)
Entries 6

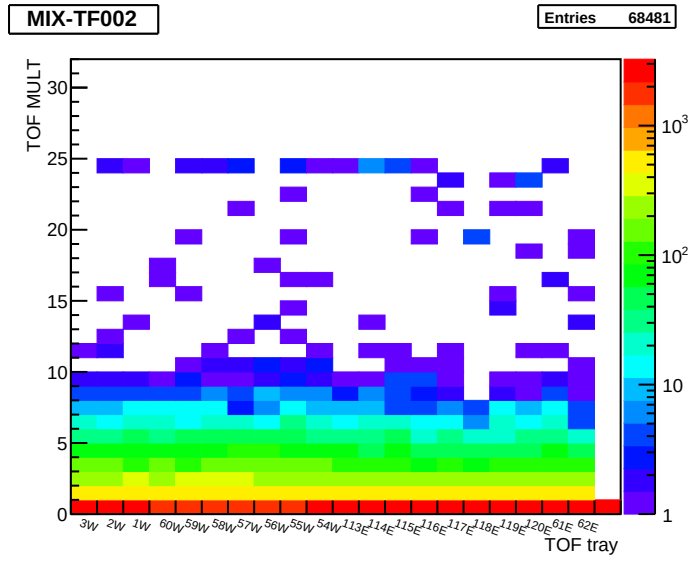

BunchId7Bit (EPD-TAC)
Entries 2854

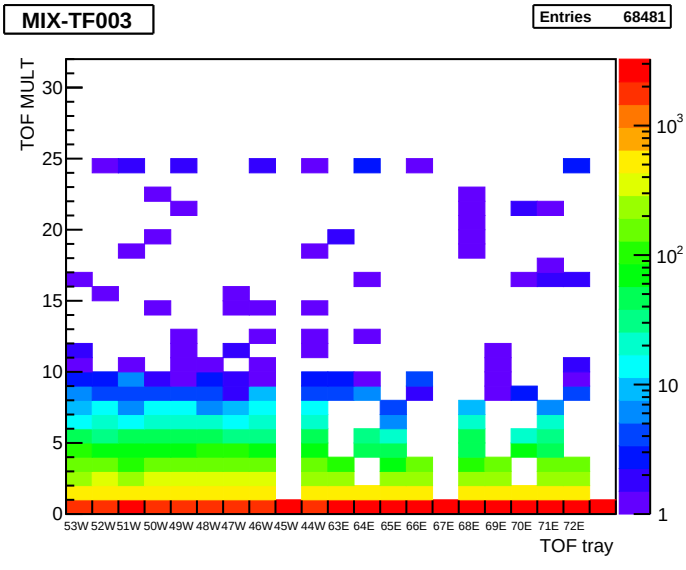

BunchId7Bit (BBC-TAC)
Entries 1245

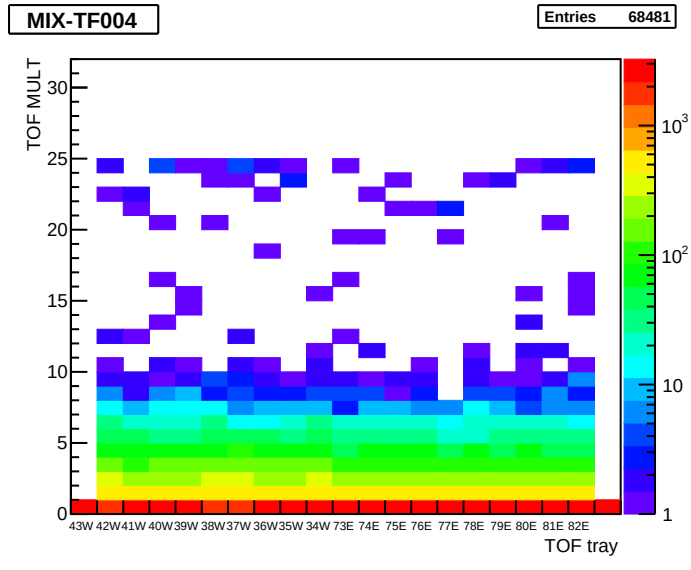

BunchId7Bit (Laser)
Entries 0

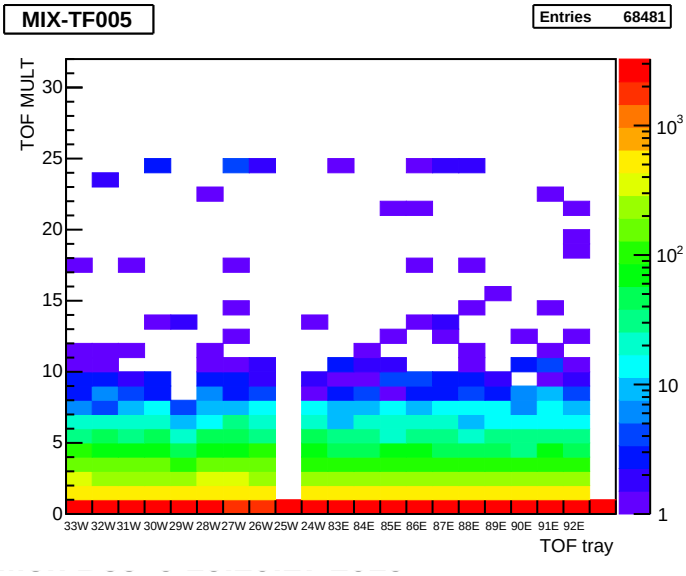

BunchId7Bit (TOFmult window)
Entries 131

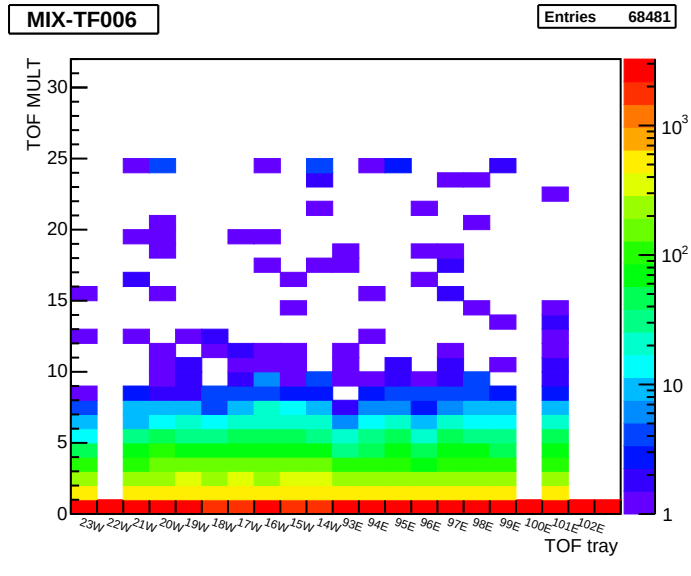

MIX-TF001
Entries 68481
TOF MULT
TOF tray

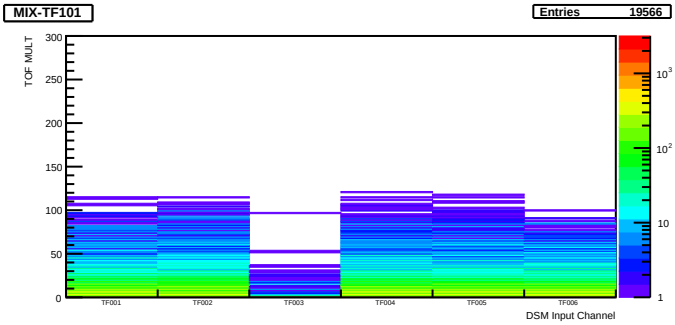

MIX-TF002
Entries 68481
TOF MULT
TOF tray

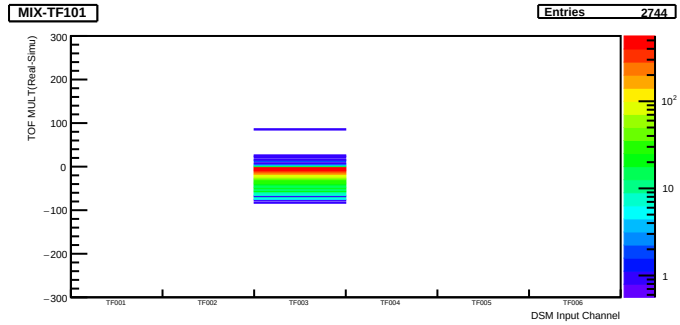

MIX-TF003
Entries 68481
TOF MULT
TOF tray

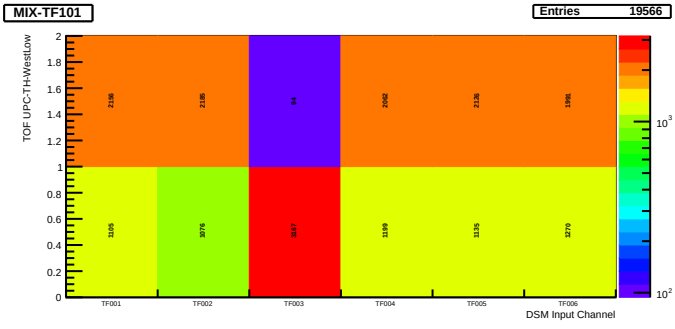

MIX-TF004
Entries 68481
TOF MULT
TOF tray

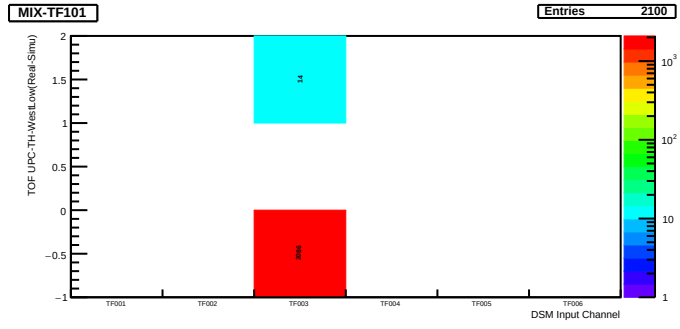

MIX-TF005
Entries 68481
TOF MULT
TOF tray

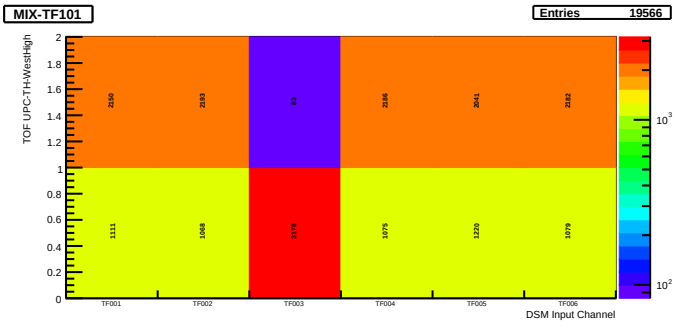

MIX-TF006
Entries 68481
TOF MULT
TOF tray

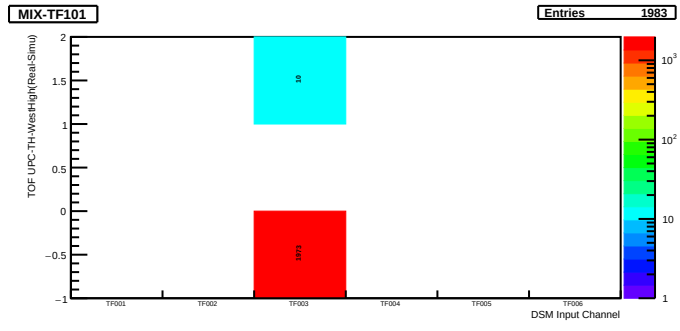

MIX-TF101
Entries 19566
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

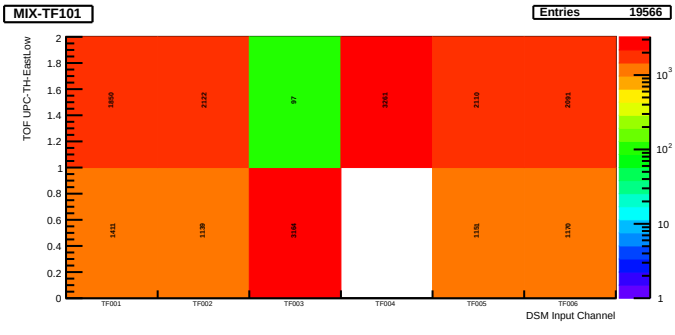

MIX-TF101
Entries 2744
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

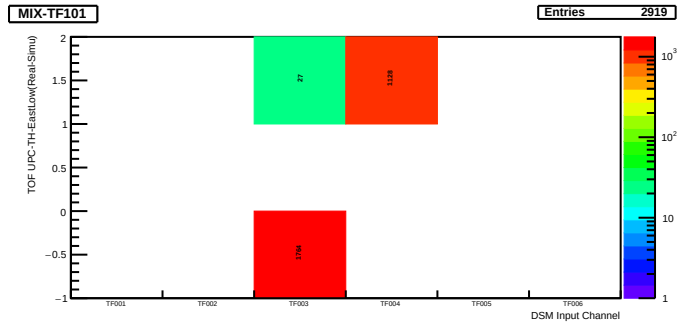

MIX-TF101
Entries 19566
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

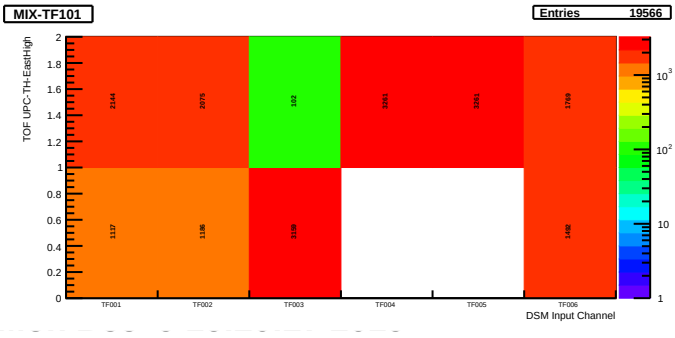

MIX-TF101
Entries 2100
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

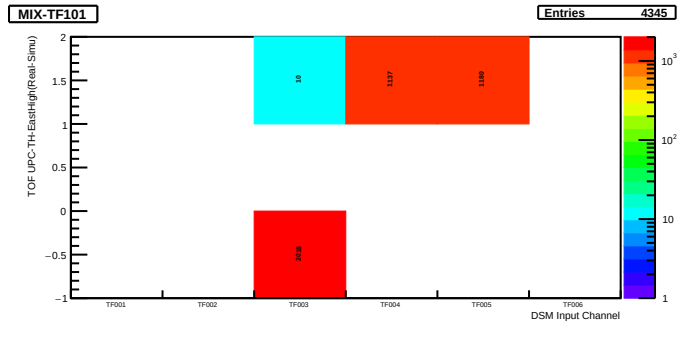

MIX-TF101
Entries 19566
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

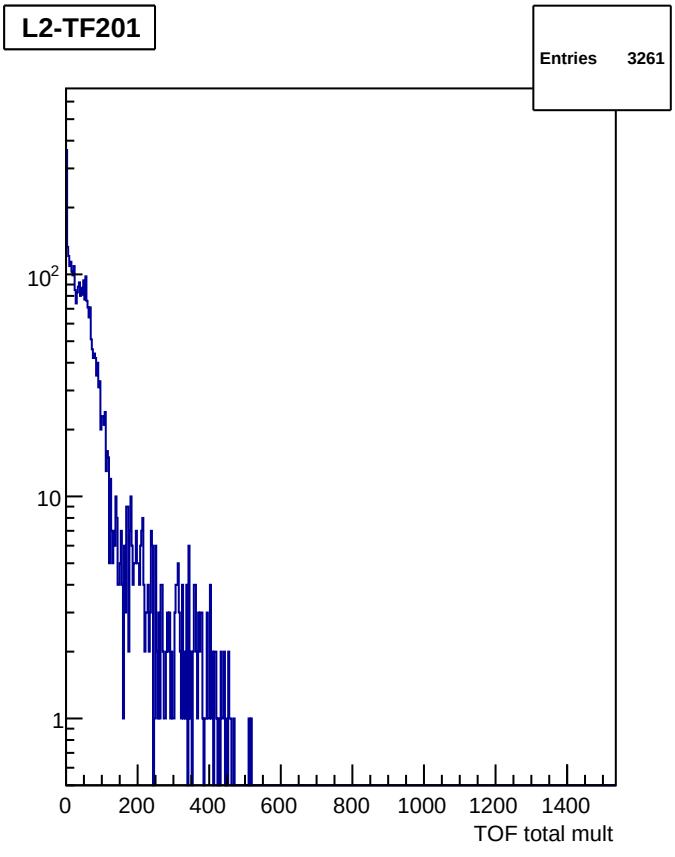

MIX-TF101
Entries 1983
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

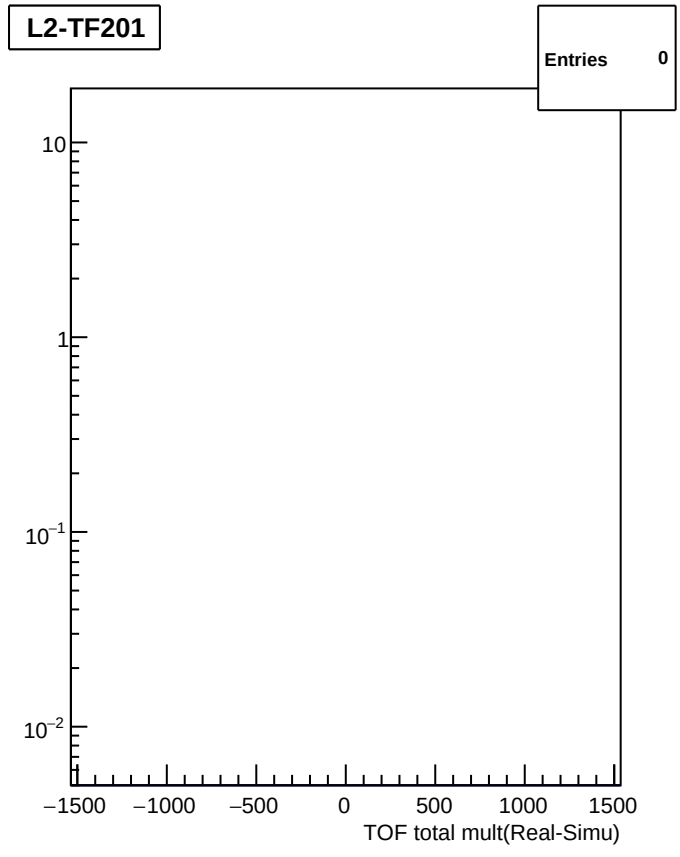

MIX-TF101
Entries 19566
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

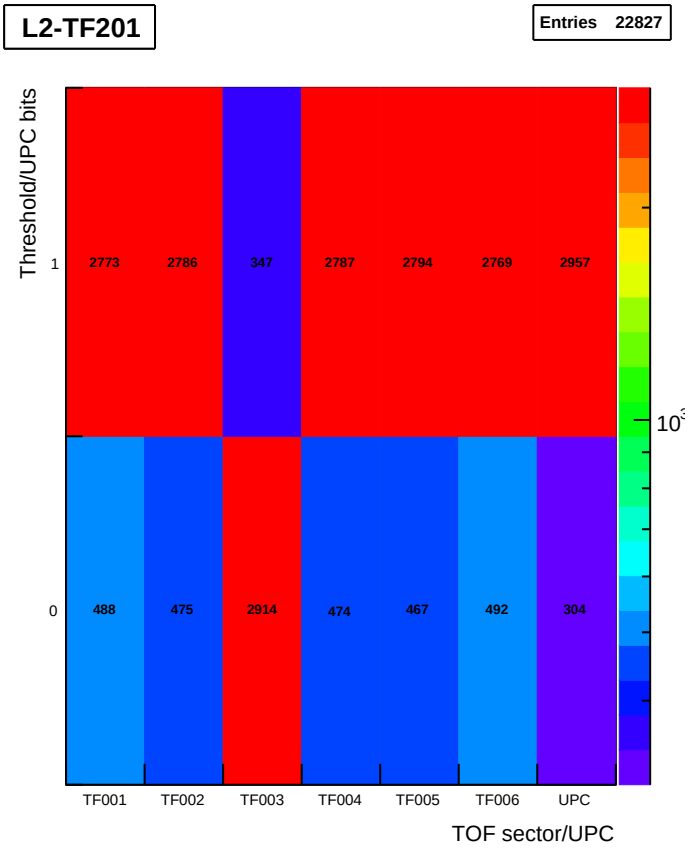

MIX-TF101
Entries 2919
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

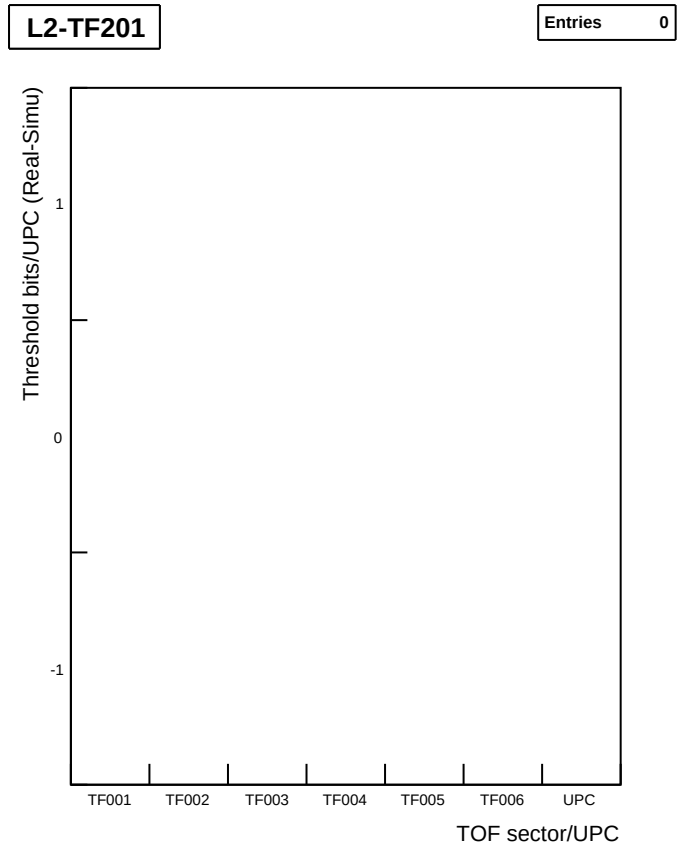

MIX-TF101
Entries 19566
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

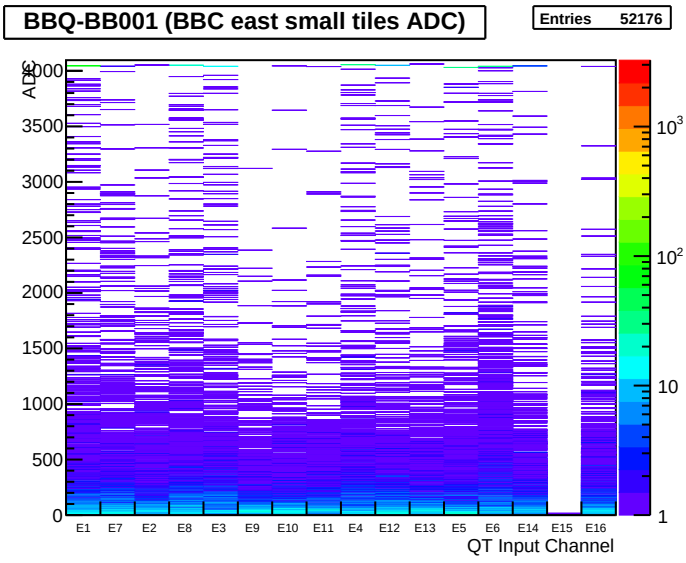

MIX-TF101
Entries 4345
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

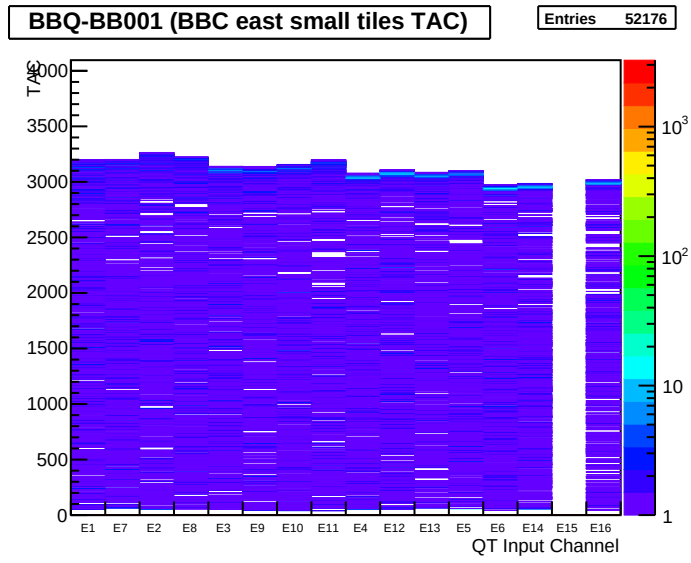

L2-TF201
Entries 3261
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

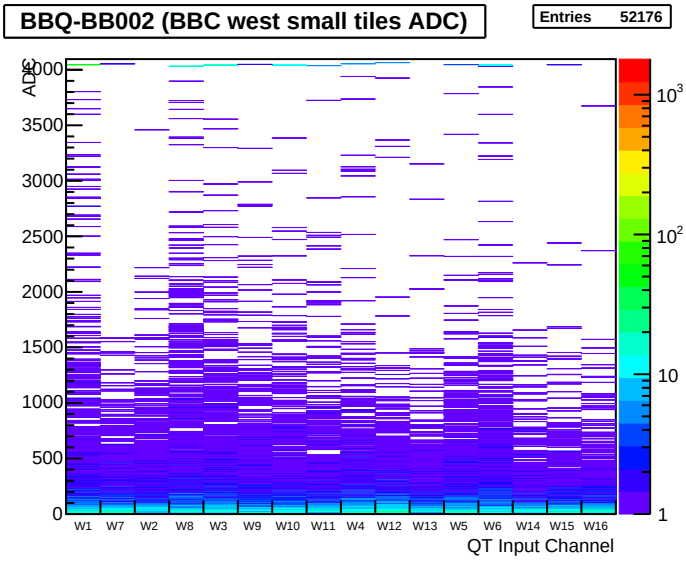

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

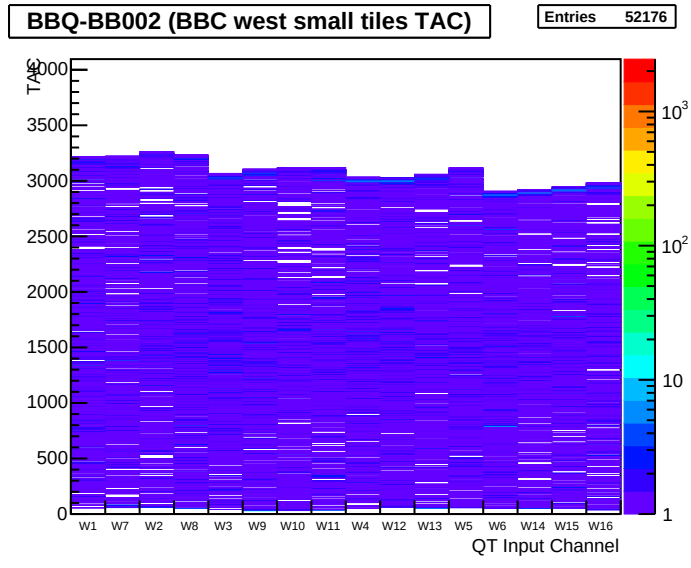

L2-TF201
Entries 22827
Threshold/UPC bits
1
0
2773
2786
347
2787
2794
2769
2957
488
475
2914
474
467
492
304
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

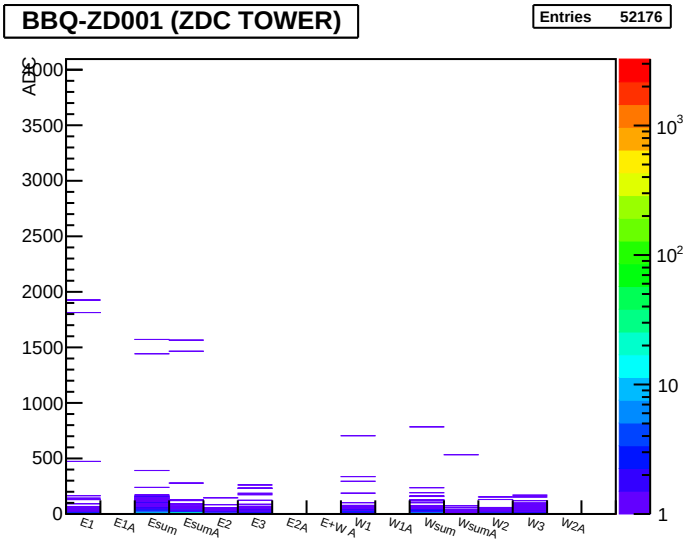

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

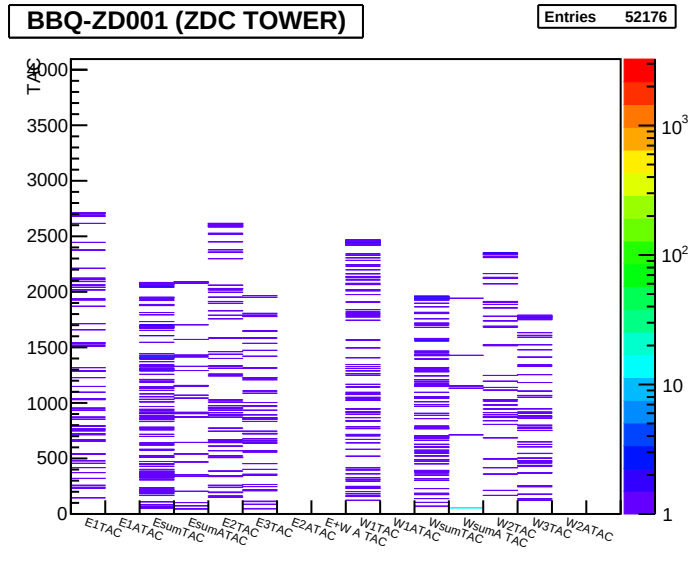

BBQ-BB001 (BBC east small tiles ADC)
Entries 52176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

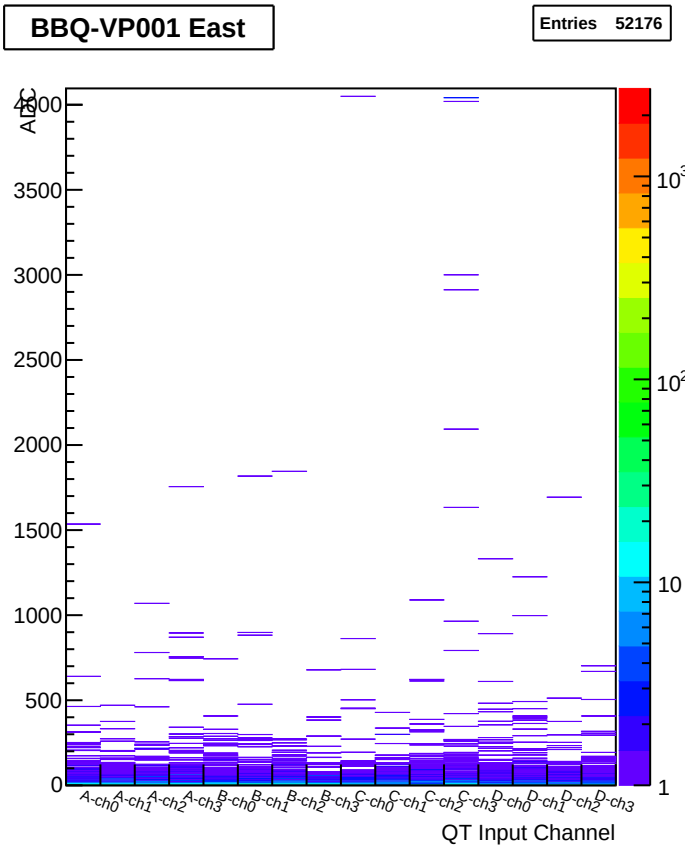

BBQ-BB001 (BBC east small tiles TAC)
Entries 52176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

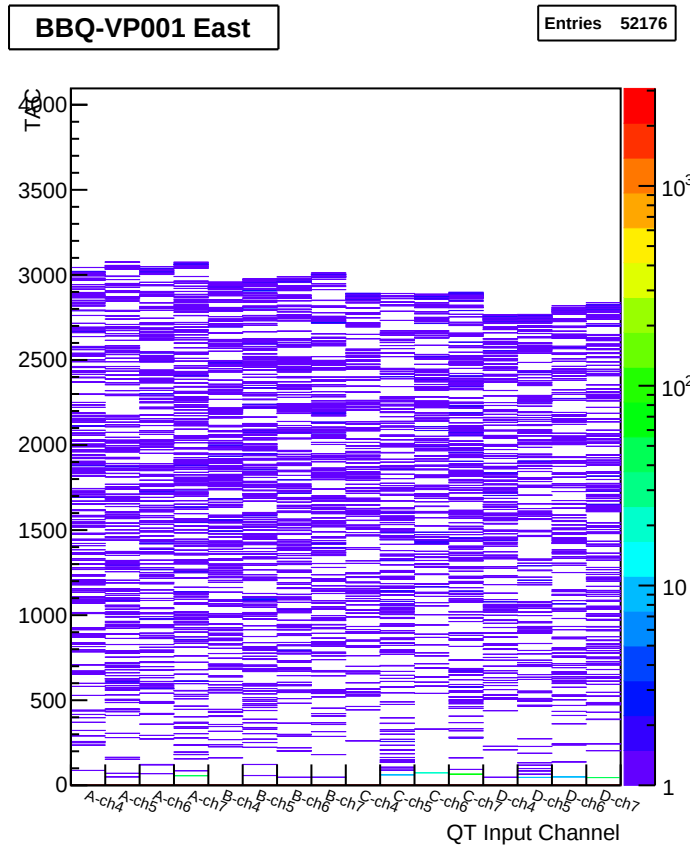

BBQ-BB002 (BBC west small tiles ADC)
Entries 52176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

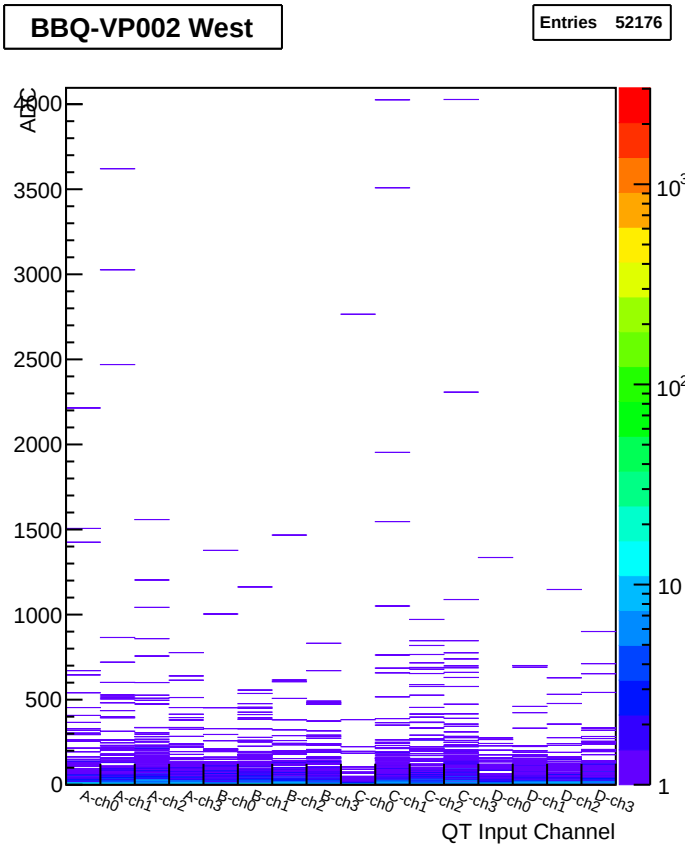

BBQ-BB002 (BBC west small tiles TAC)
Entries 52176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

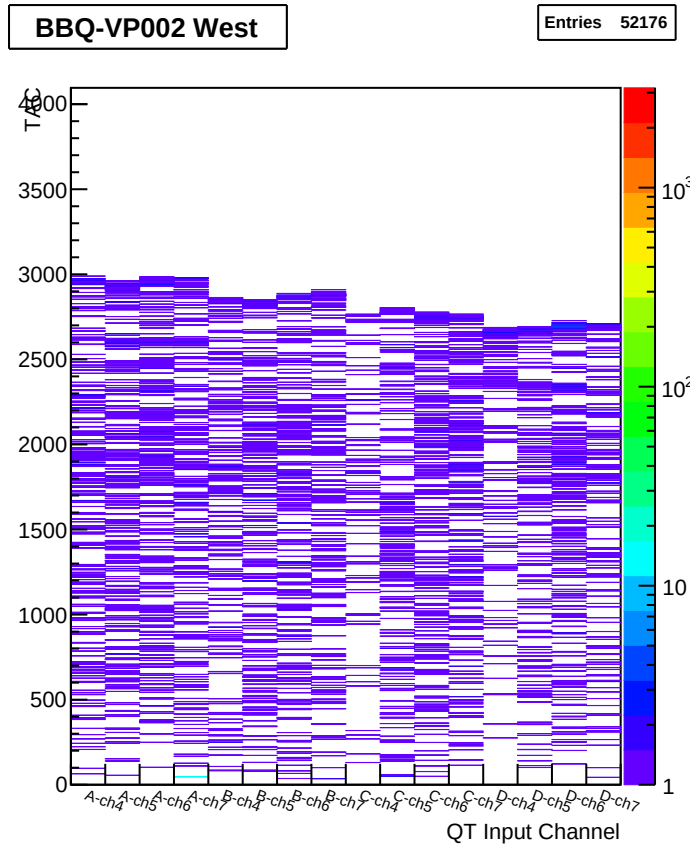

BBQ-ZD001 (ZDC TOWER)
Entries 52176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

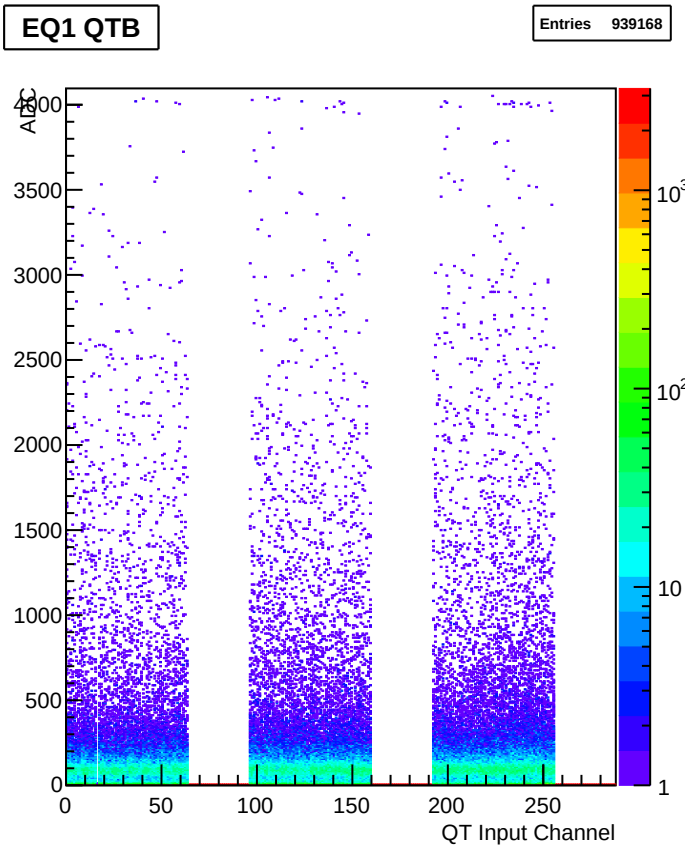

BBQ-ZD001 (ZDC TOWER)
Entries 52176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

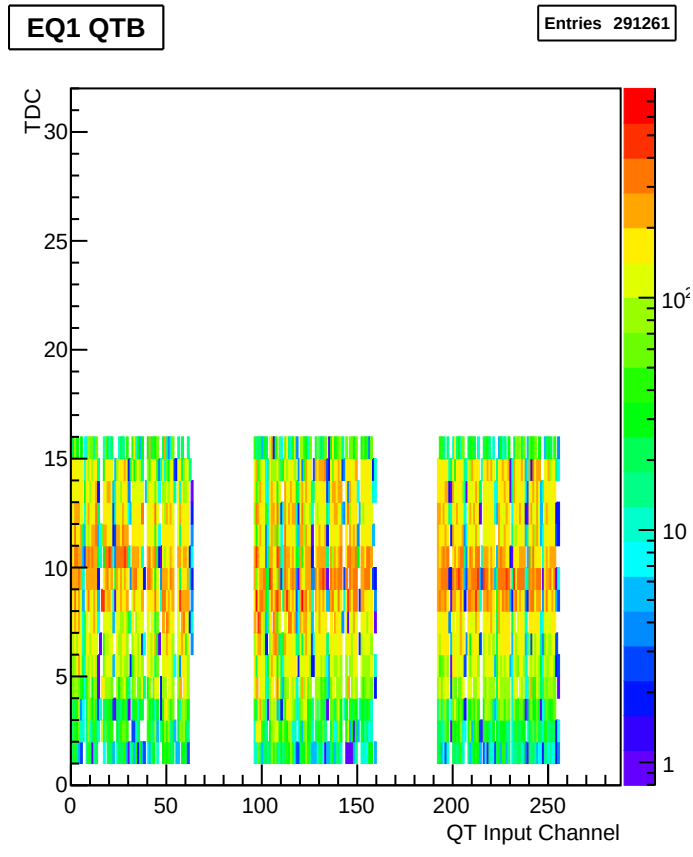

BBQ-VP001 East
Entries 52176
ADC
QT Input Channel

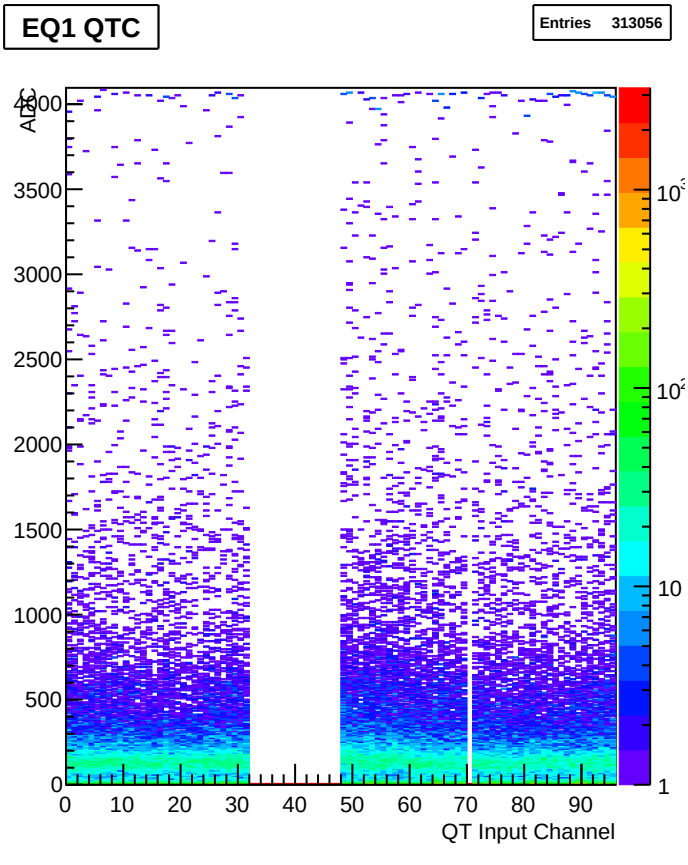

BBQ-VP001 East
Entries 52176
TADC
QT Input Channel

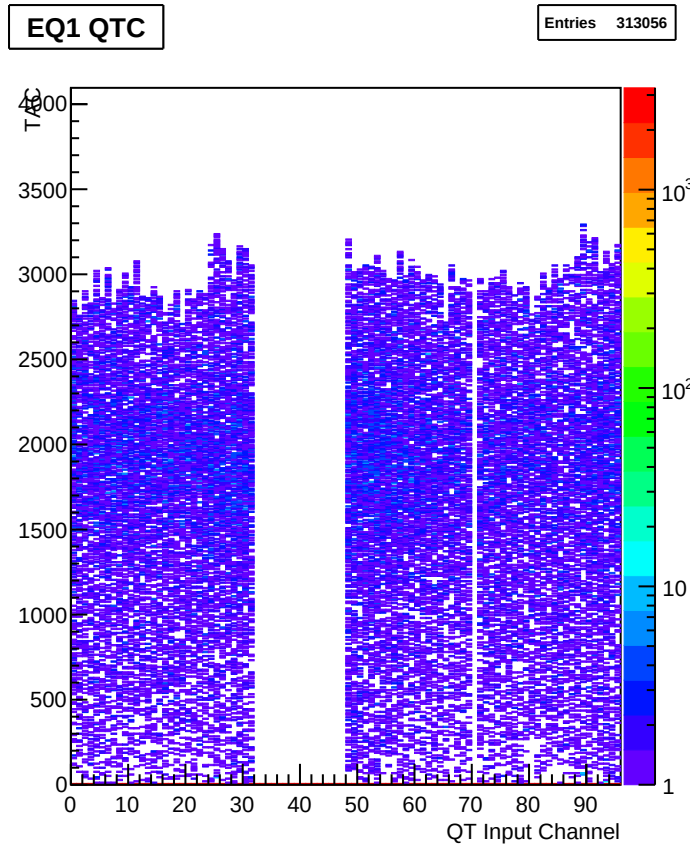

BBQ-VP002 West
Entries 52176
ADC
QT Input Channel

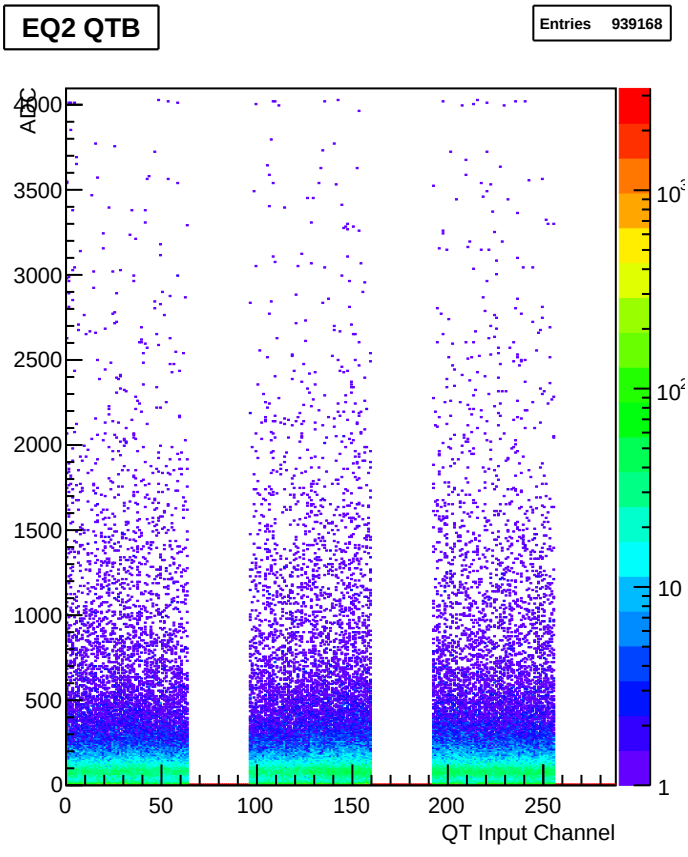

BBQ-VP002 West
Entries 52176
TADC
QT Input Channel

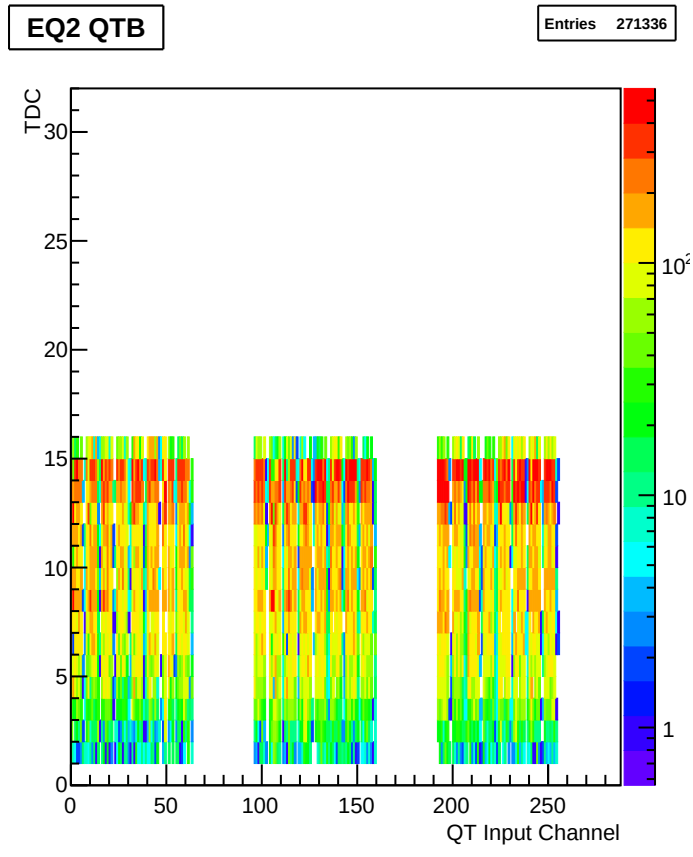

EQ1 QTB
Entries 939168
ADC
QT Input Channel

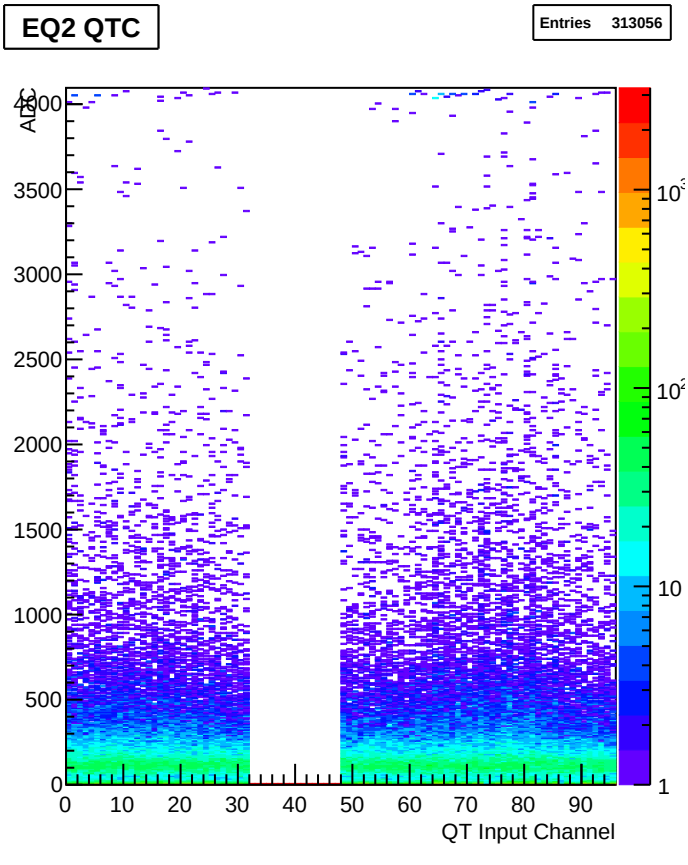

EQ1 QTB
Entries 291261
TDC
QT Input Channel

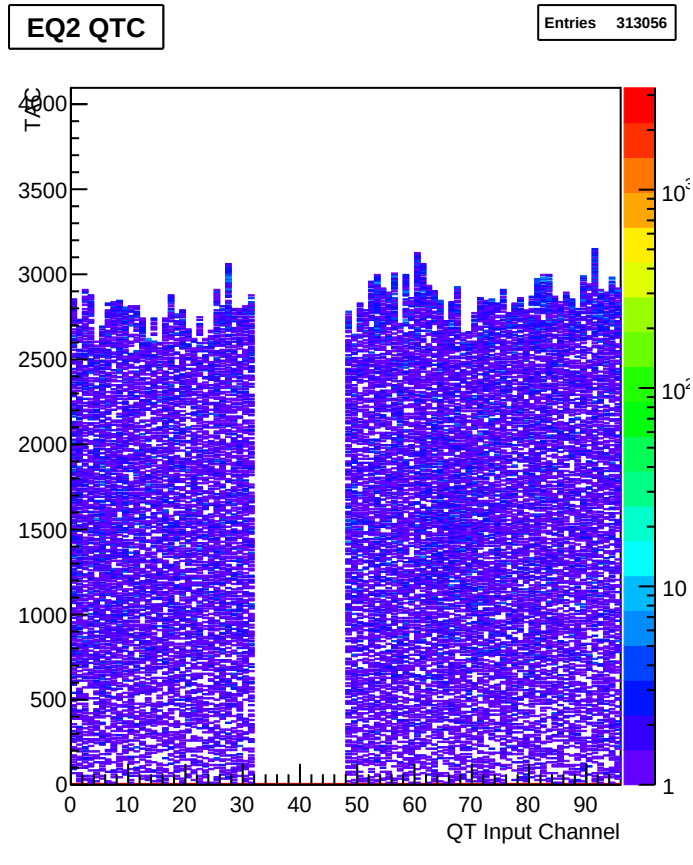

EQ1 QTC
Entries 313056
ADC
QT Input Channel

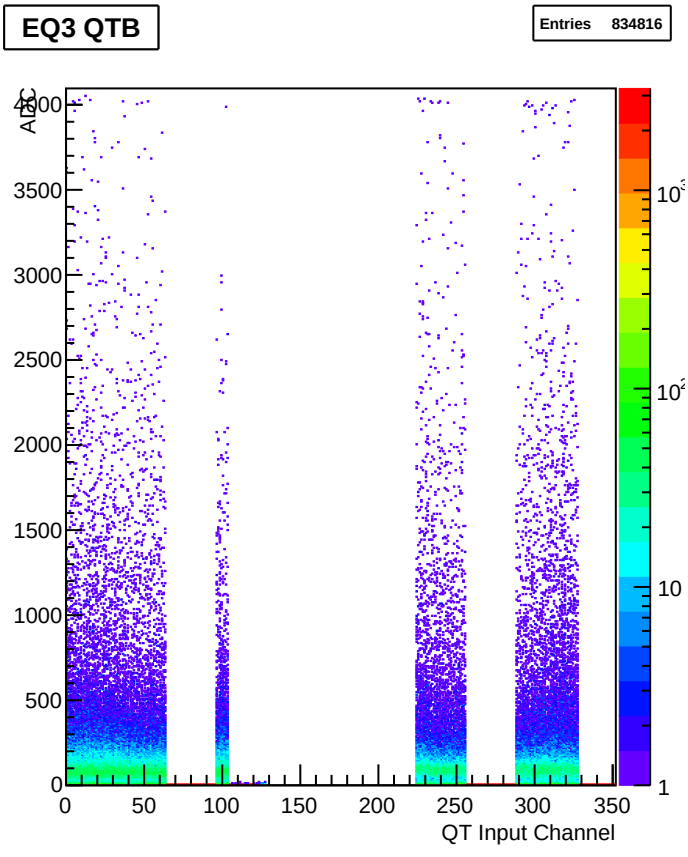

EQ1 QTC
Entries 313056
TADC
QT Input Channel

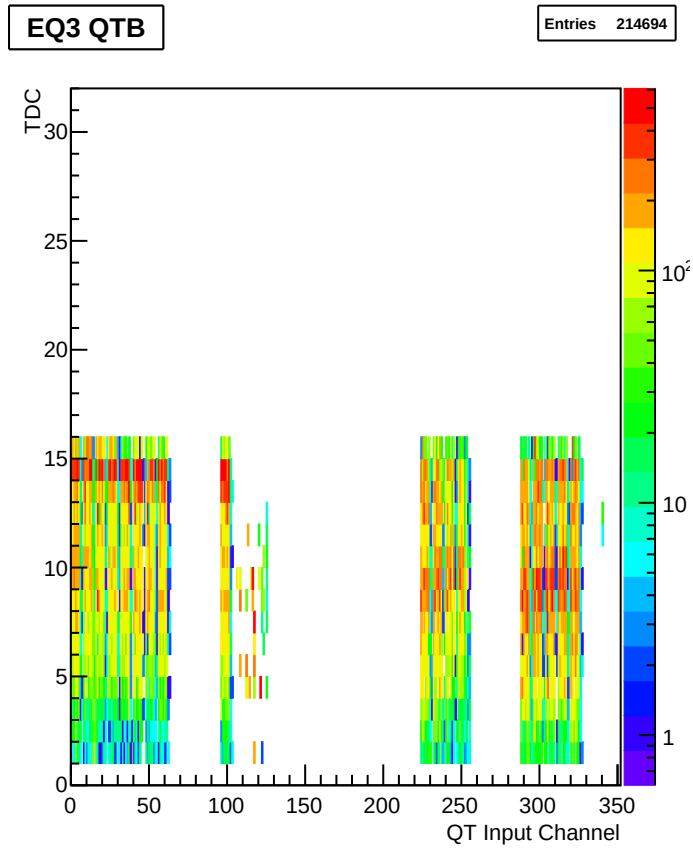

EQ2 QTB
Entries 939168
ADC
QT Input Channel

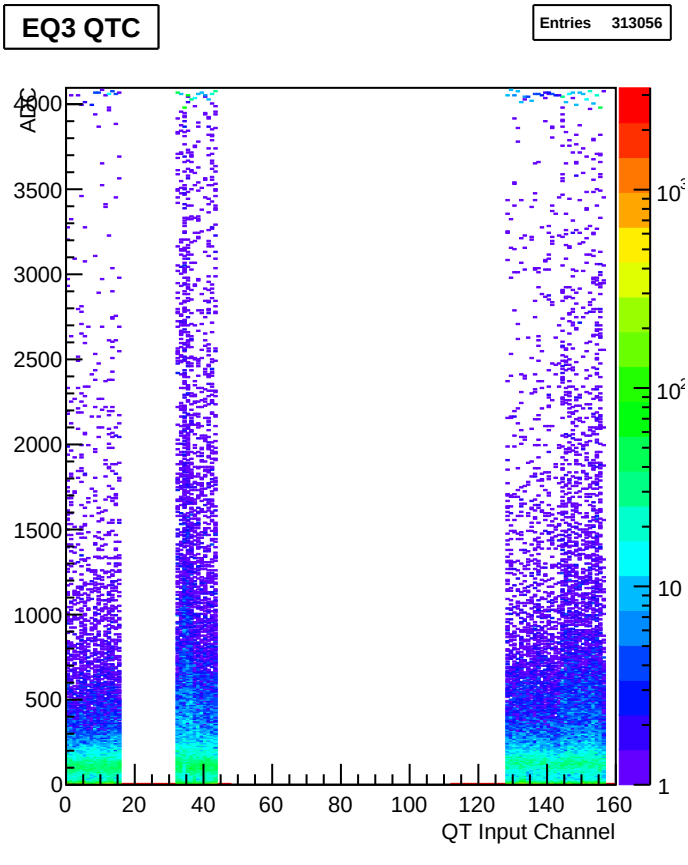

EQ2 QTB
Entries 271336
TDC
QT Input Channel

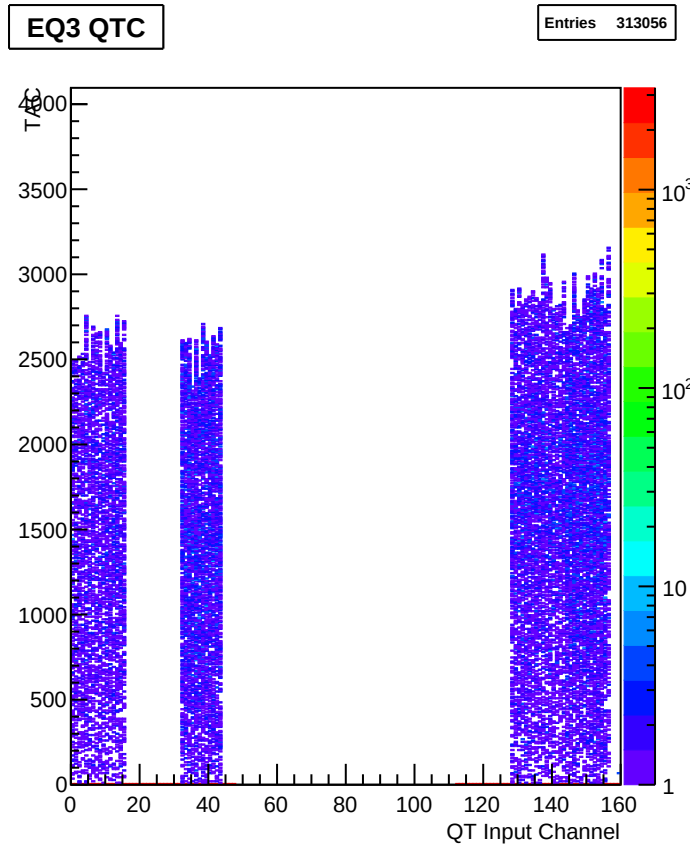

EQ2 QTC
Entries 313056
ADC
QT Input Channel

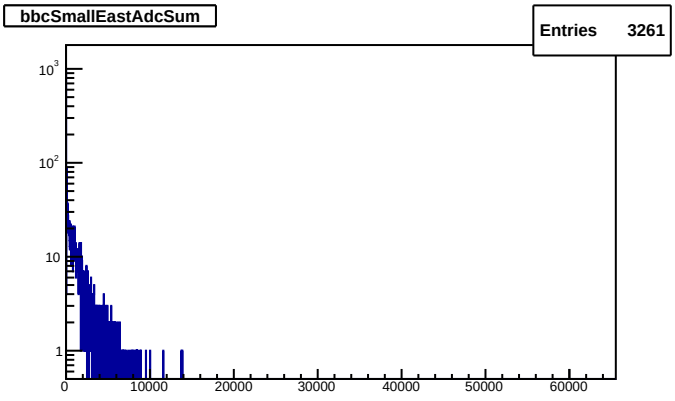

EQ2 QTC
Entries 313056
TADC
QT Input Channel

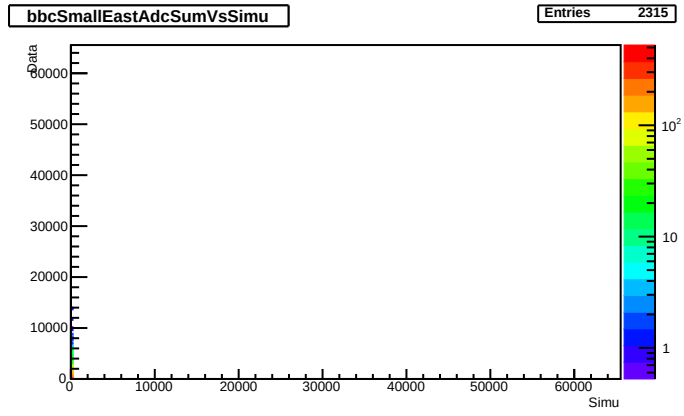

EQ3 QTB
Entries 834816
ADC
QT Input Channel

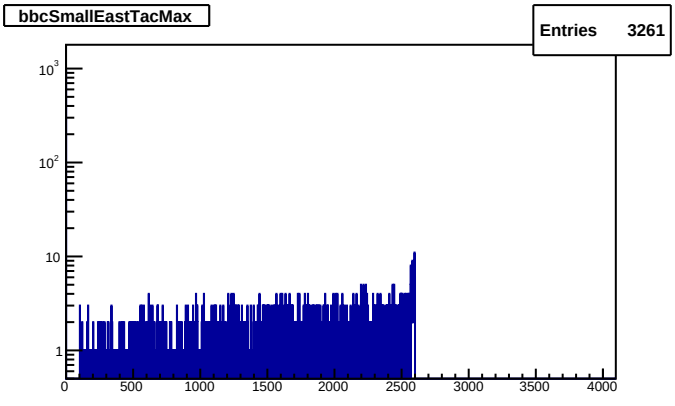

EQ3 QTB
Entries 214694
TDC
QT Input Channel

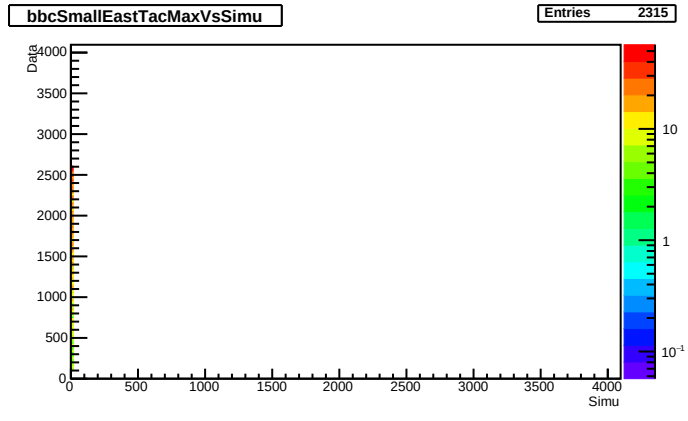

EQ3 QTC
Entries 313056
ADC
QT Input Channel

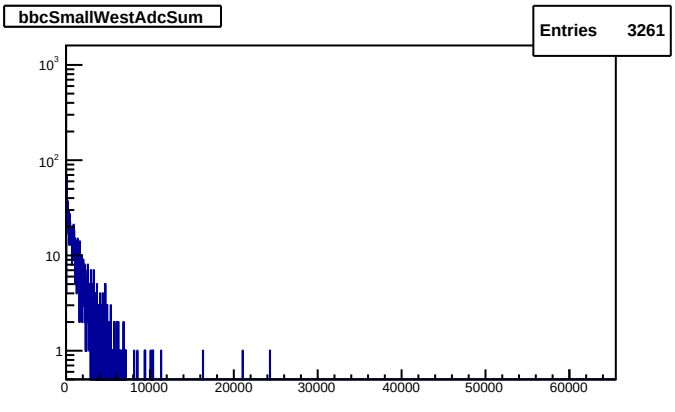

EQ3 QTC
Entries 313056
TADC
QT Input Channel

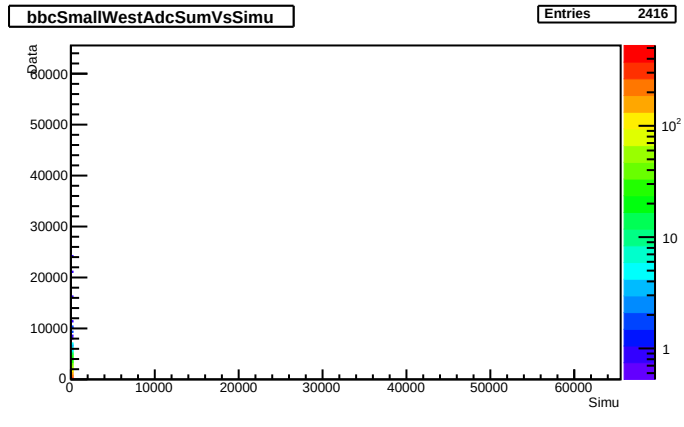

bbcSmallEastAdcSum
Entries 3261

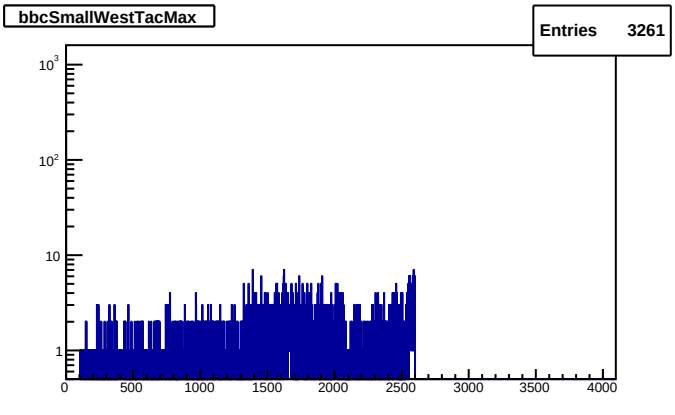

bbcSmallEastAdcSumVsSimu
Entries 2315
Data
Simu

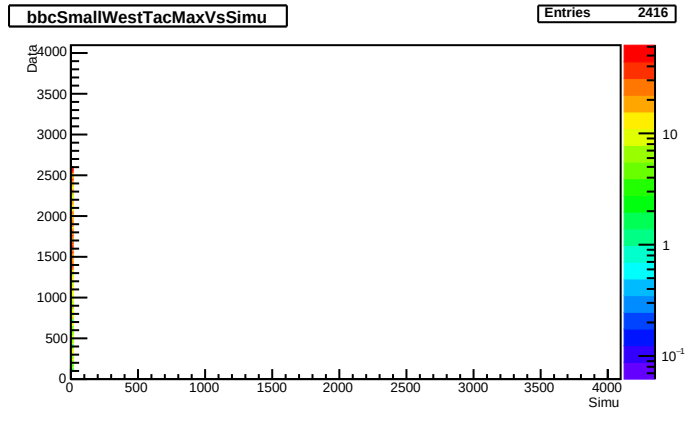

bbcSmallEastTacMax
Entries 3261

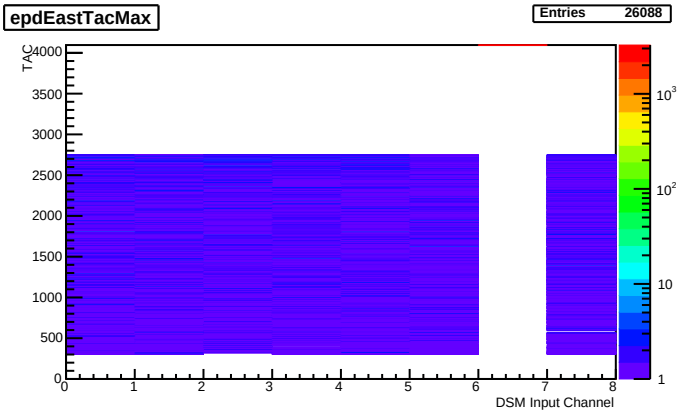

bbcSmallEastTacMaxVsSimu
Entries 2315
Data
Simu

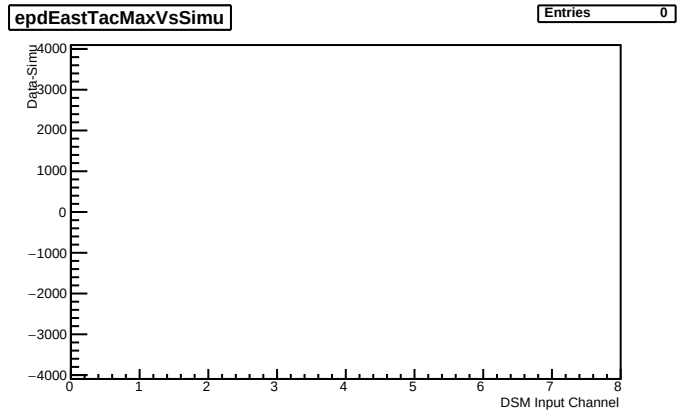

bbcSmallWestAdcSum
Entries 3261

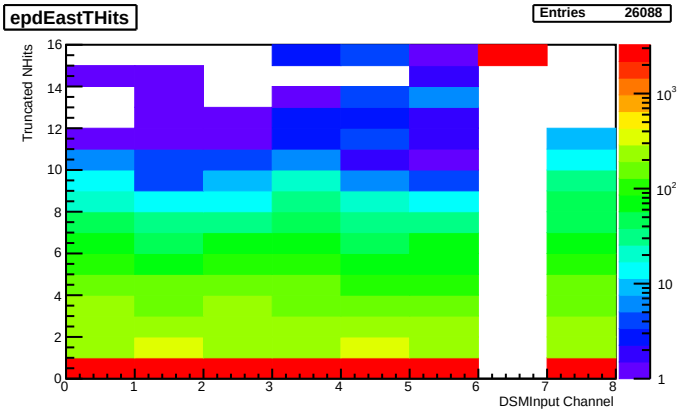

bbcSmallWestAdcSumVsSimu
Entries 2416
Data
Simu

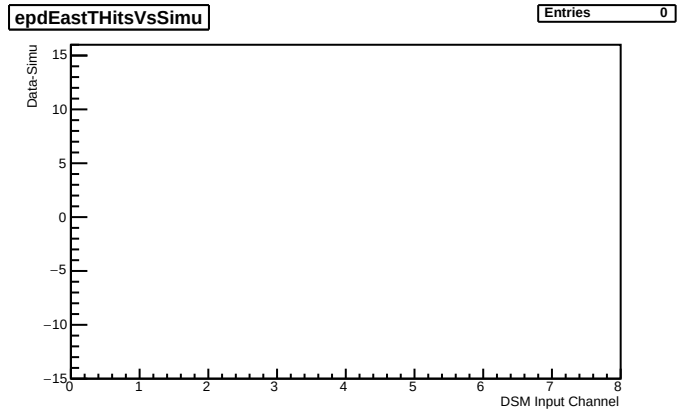

bbcSmallWestTacMax
Entries 3261

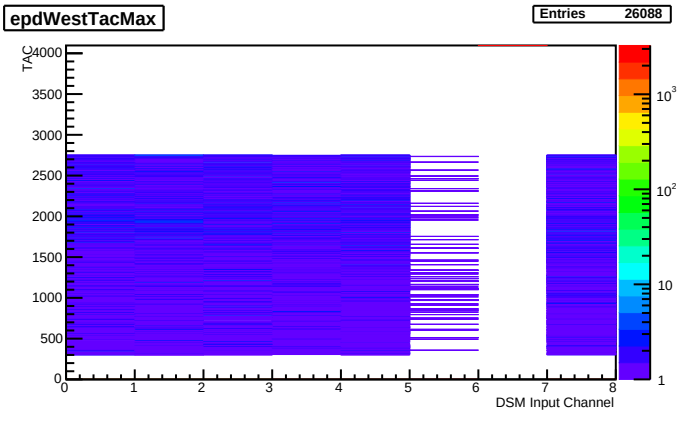

bbcSmallWestTacMaxVsSimu
Entries 2416
Data
Simu

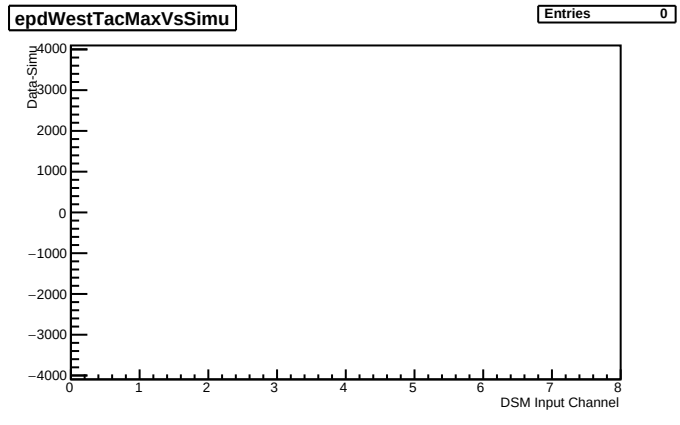

epdEastTacMax
Entries 26088
TAC
DSM Input Channel

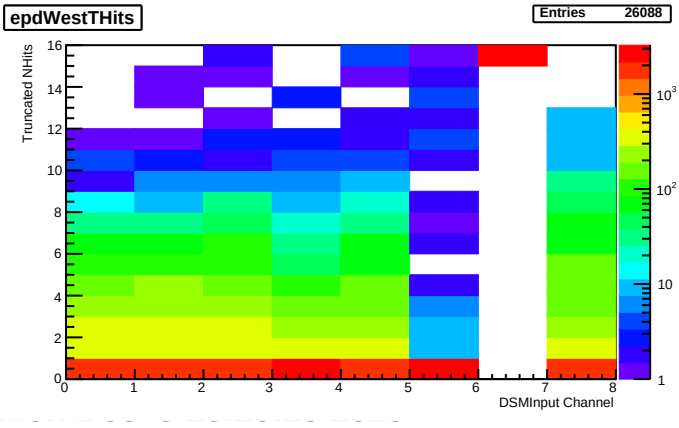

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

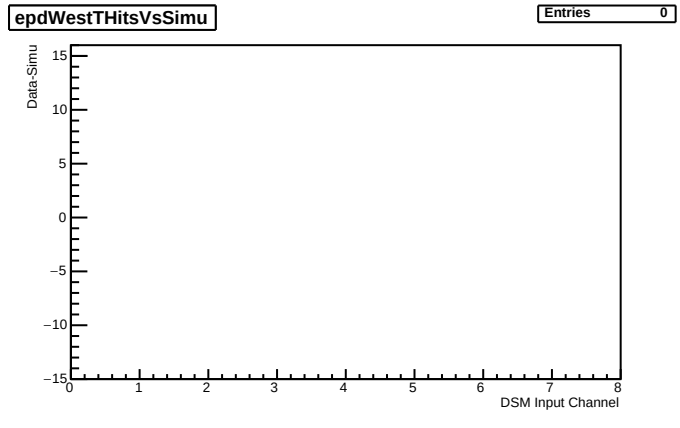

epdEastTHits
Entries 26088
Truncated NHits
DSMInput Channel

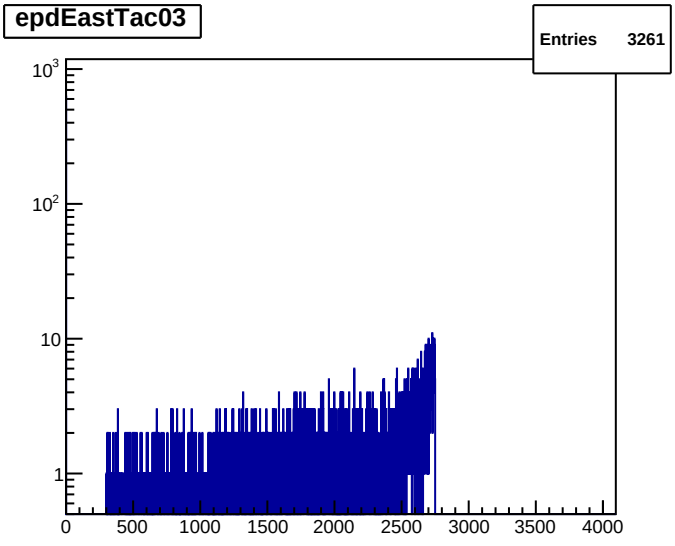

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

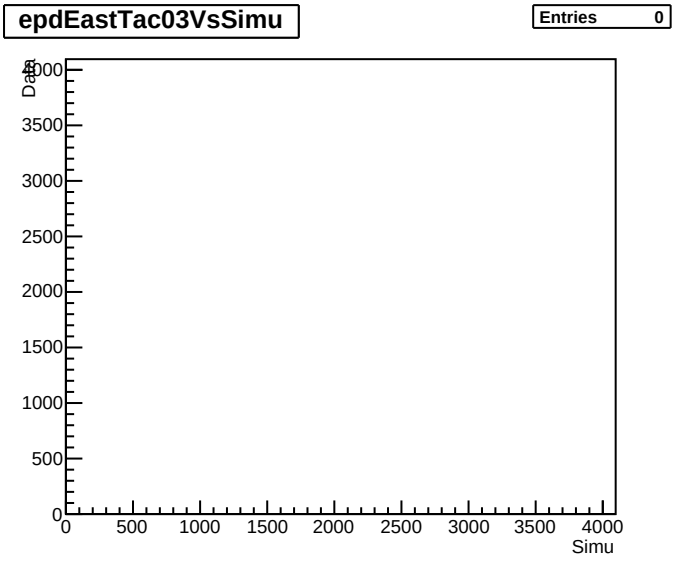

epdWestTacMax
Entries 26088
TAC
DSM Input Channel

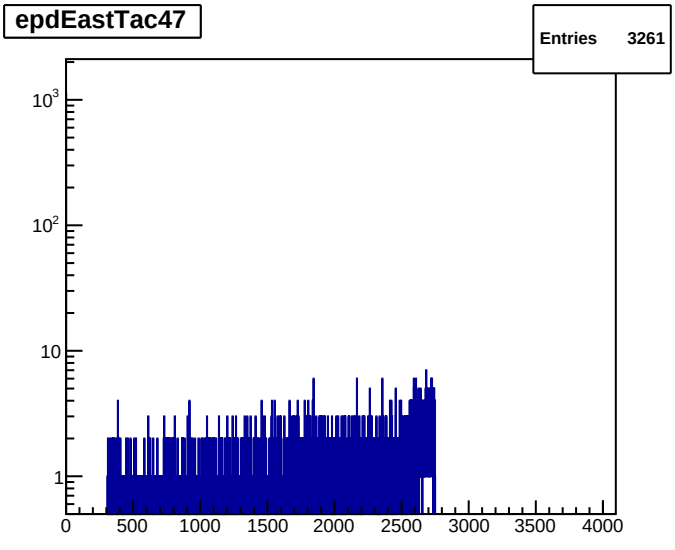

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

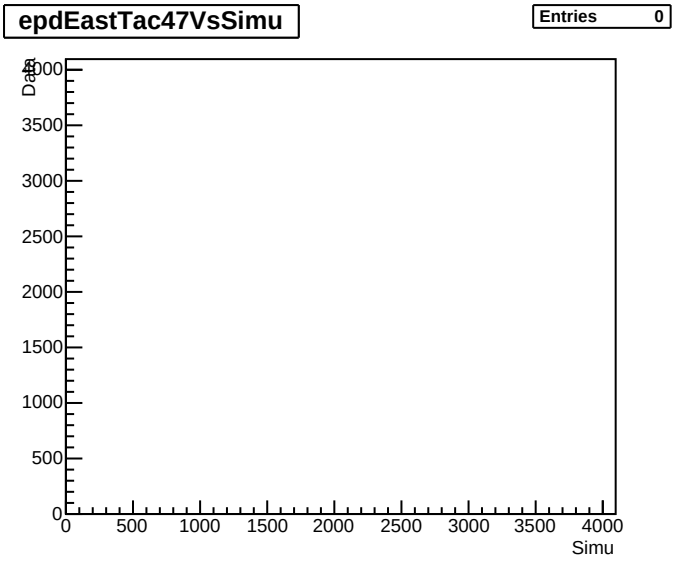

epdWestTHits
Entries 26088
Truncated NHits
DSMInput Channel

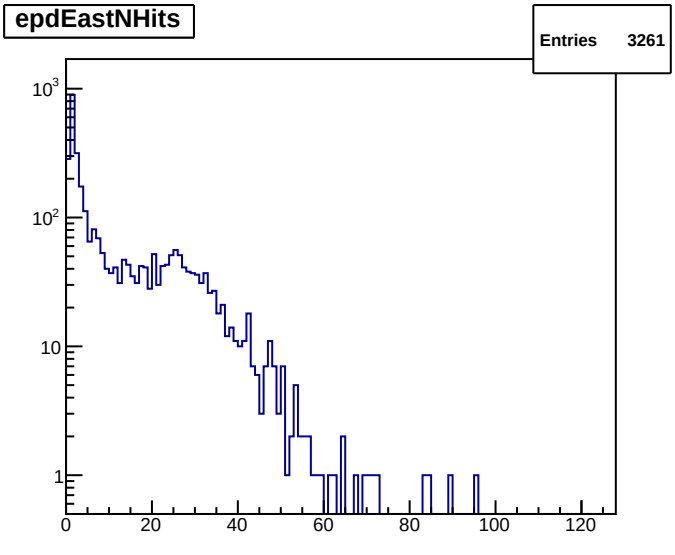

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

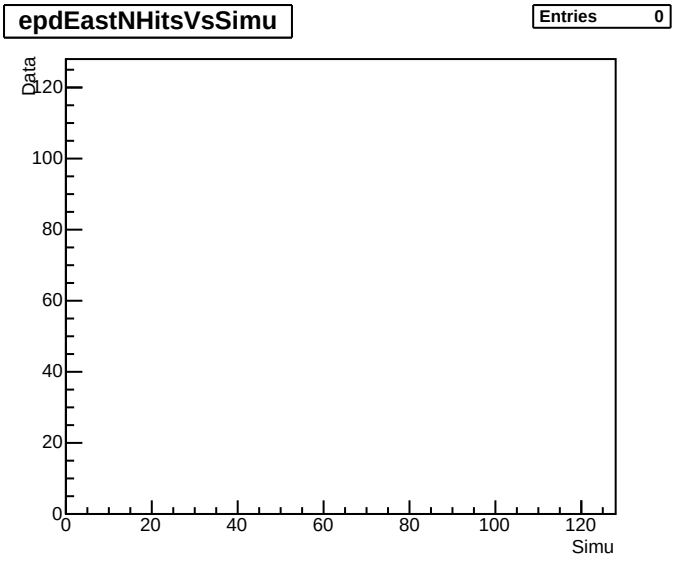

epdEastTac03
Entries 3261
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

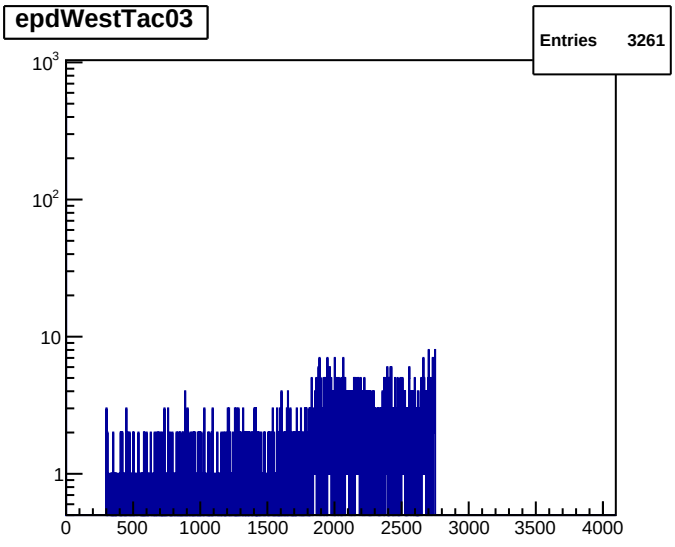

epdEastTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

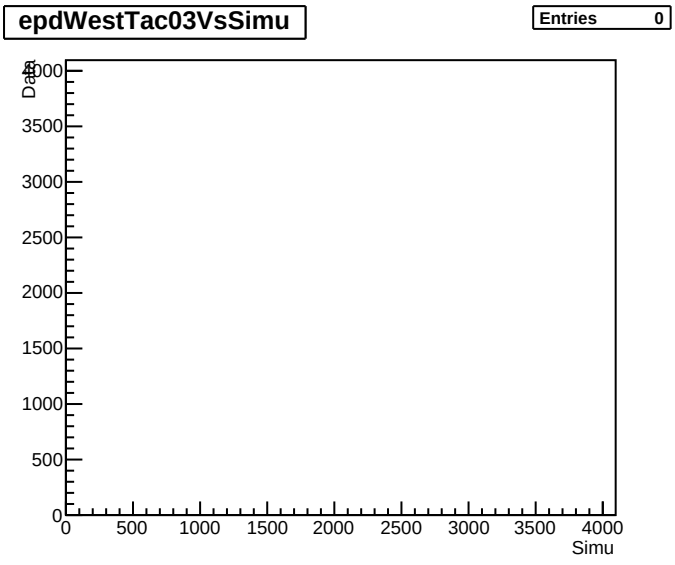

epdEastTac47
Entries 3261
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

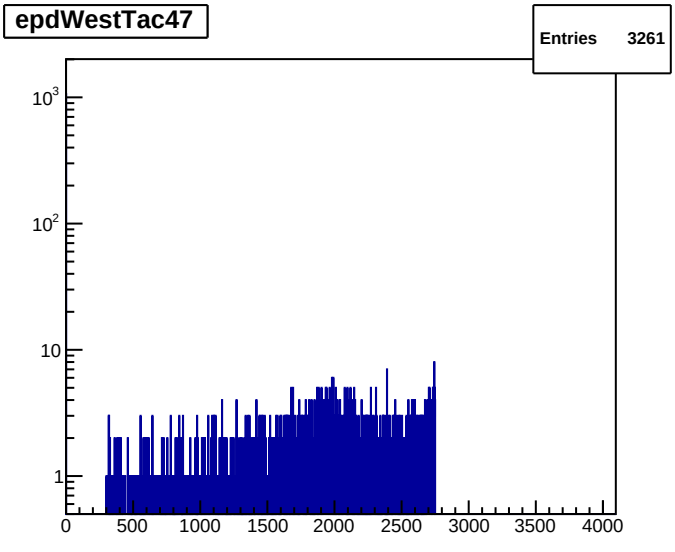

epdEastTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

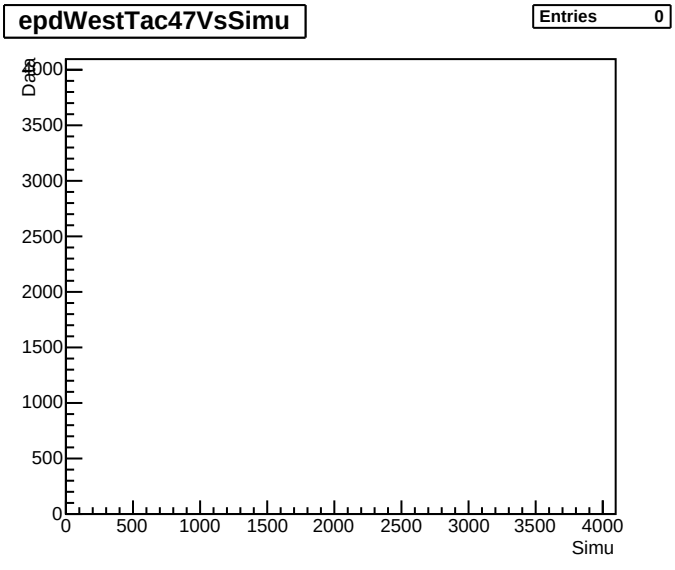

epdEastNHits
Entries 3261
10^3
10^2
10
1
0 20 40 60 80 100 120

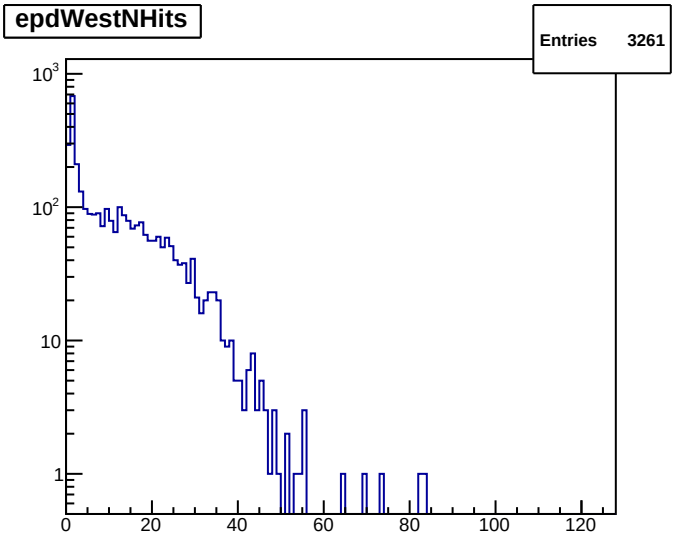

epdEastNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

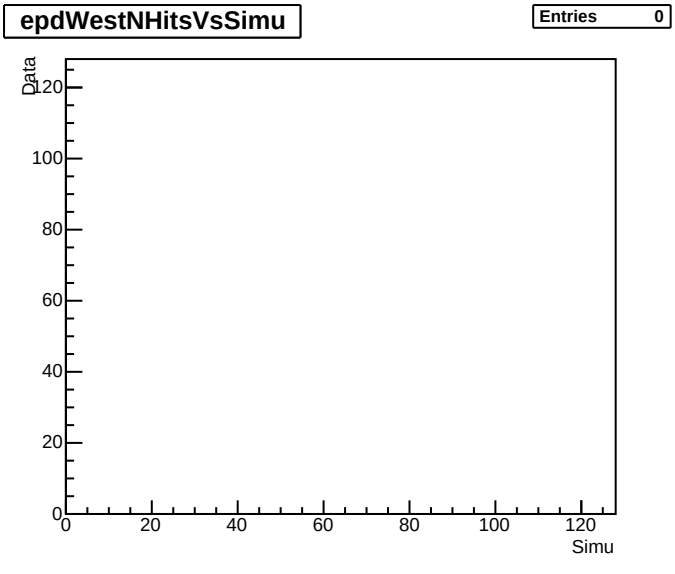

epdWestTac03
Entries 3261

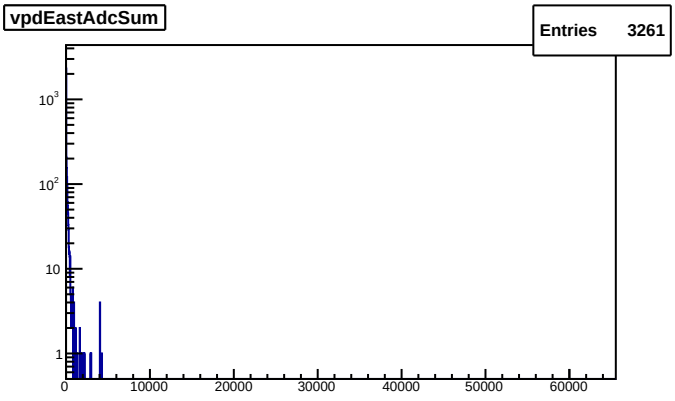

epdWestTac03VsSimu
Entries 0
Data
Simu

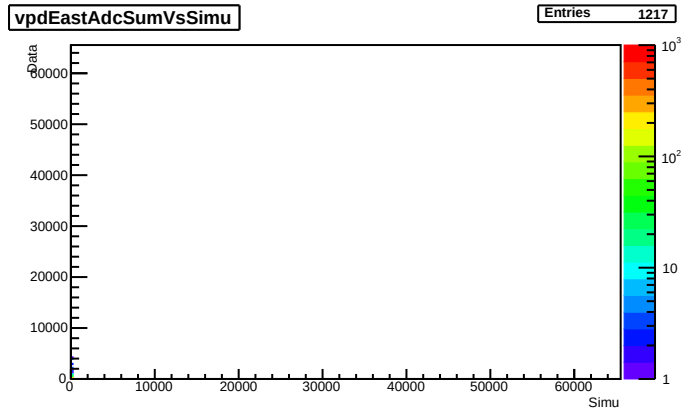

epdWestTac47
Entries 3261

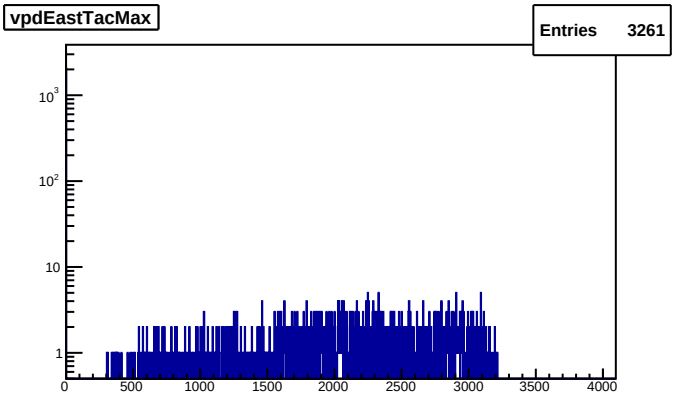

epdWestTac47VsSimu
Entries 0
Data
Simu

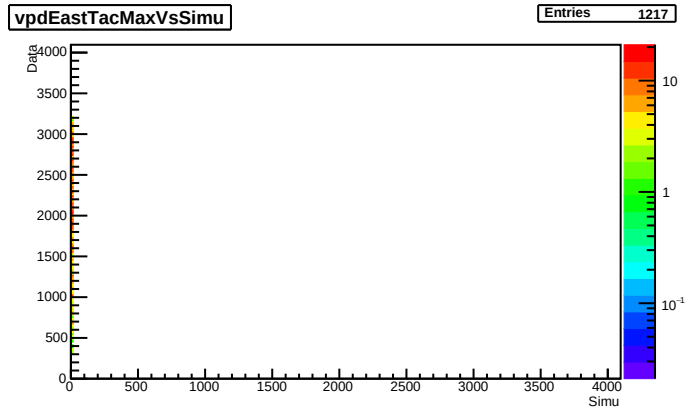

epdWestNHits
Entries 3261

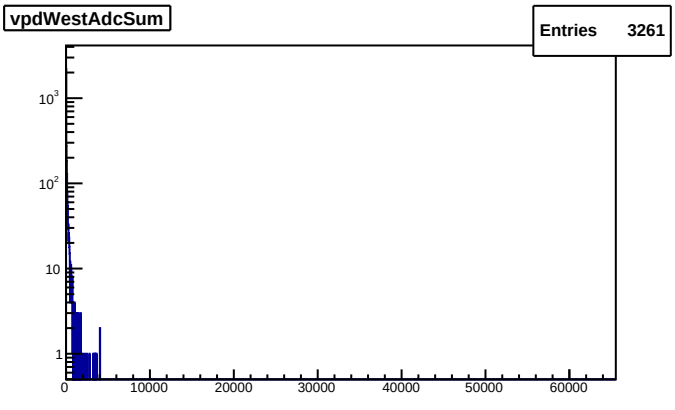

epdWestNHitsVsSimu
Entries 0
Data
Simu

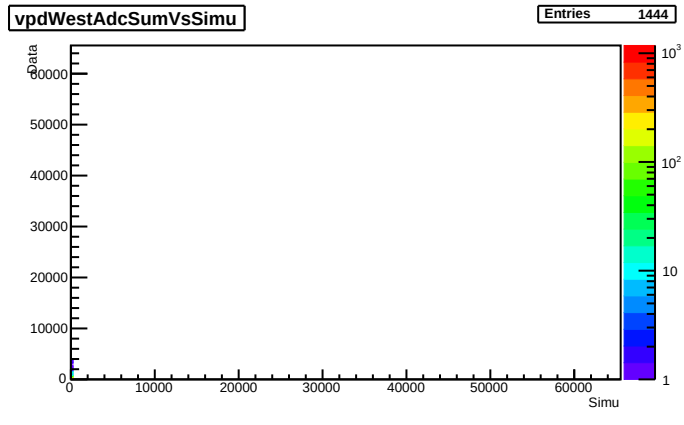

vpdEastAdcSum
Entries 3261

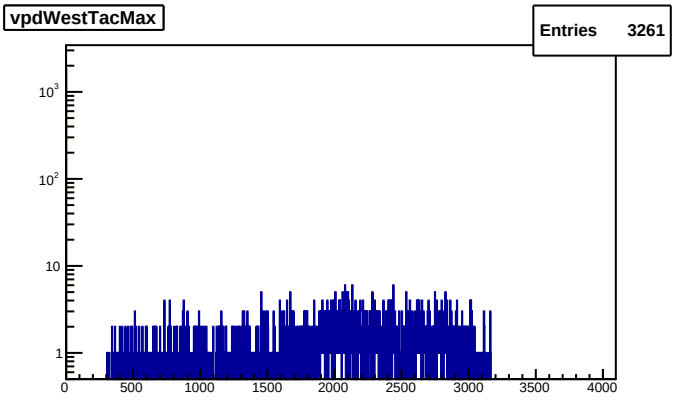

vpdEastAdcSumVsSimu
Entries 1217
Data
Simu

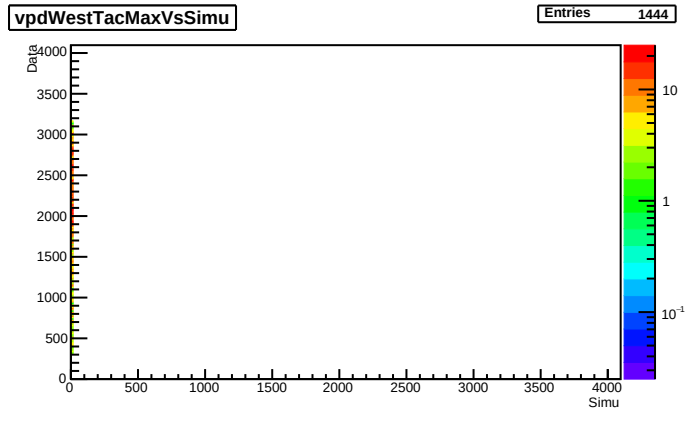

vpdEastTacMax
Entries 3261

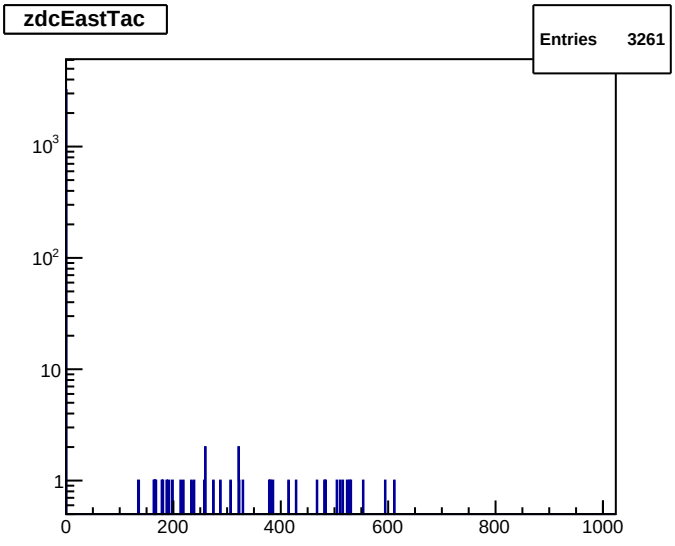

vpdEastTacMaxVsSimu
Entries 1217
Data
Simu

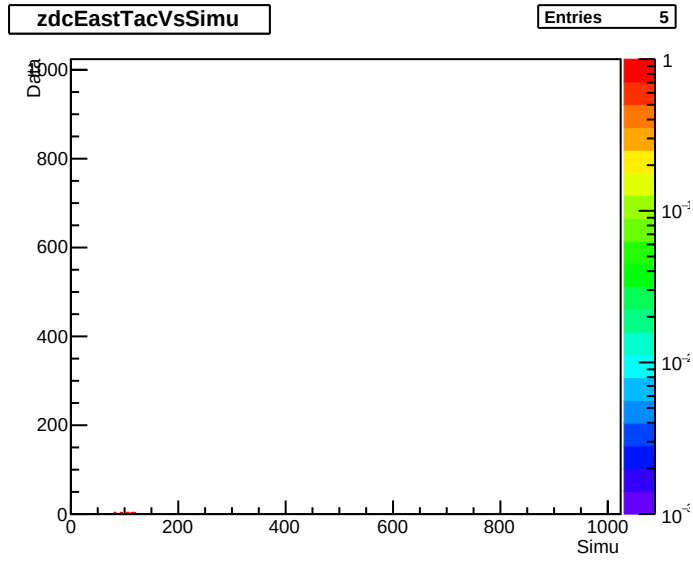

vpdWestAdcSum
Entries 3261

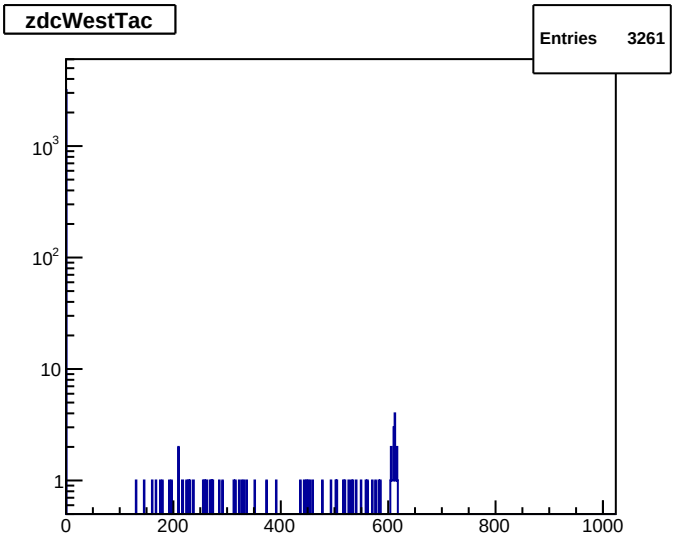

vpdWestAdcSumVsSimu
Entries 1444
Data
Simu

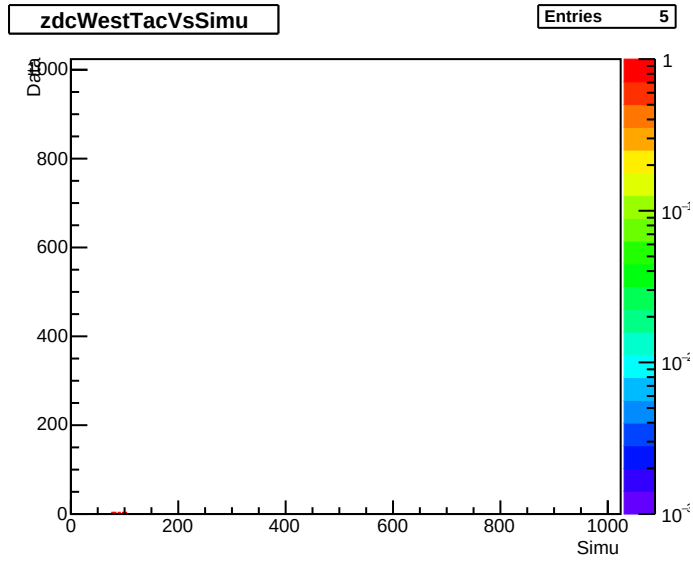

vpdWestTacMax
Entries 3261

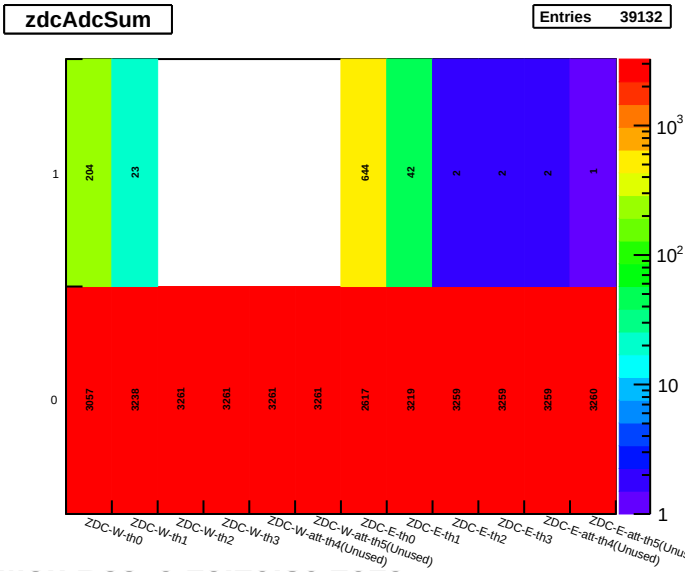

vpdWestTacMaxVsSimu
Entries 1444
Data
Simu

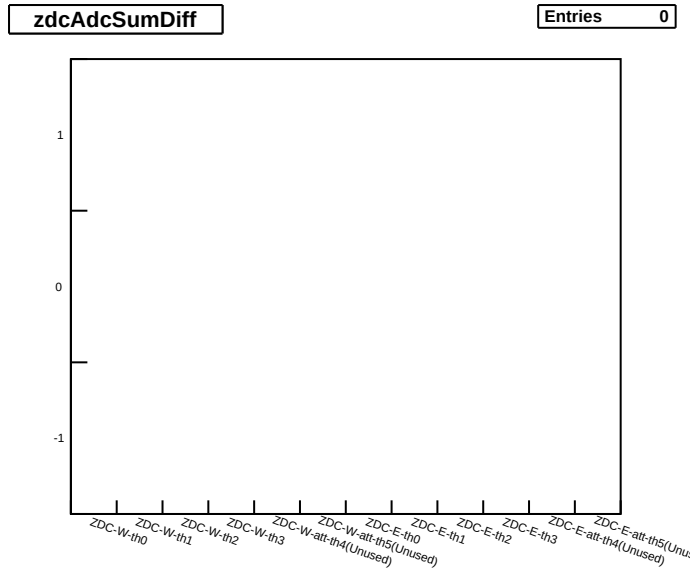

zdcEastTac
Entries 3261

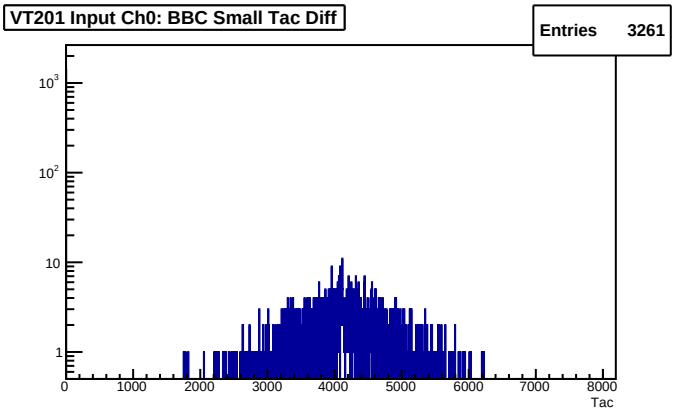

zdcEastTacVsSimu
Entries 5
Data
Simu

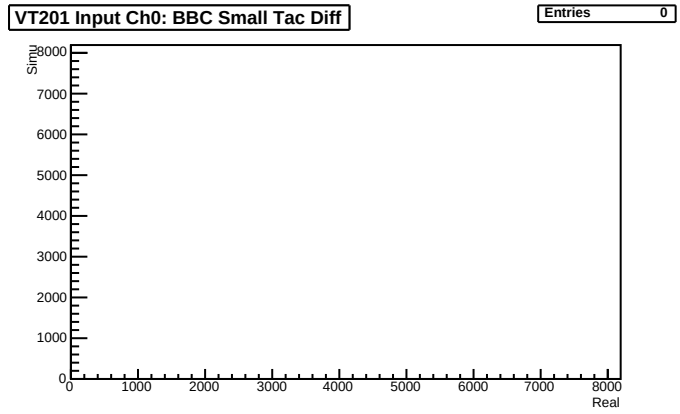

zdcWestTac
Entries 3261

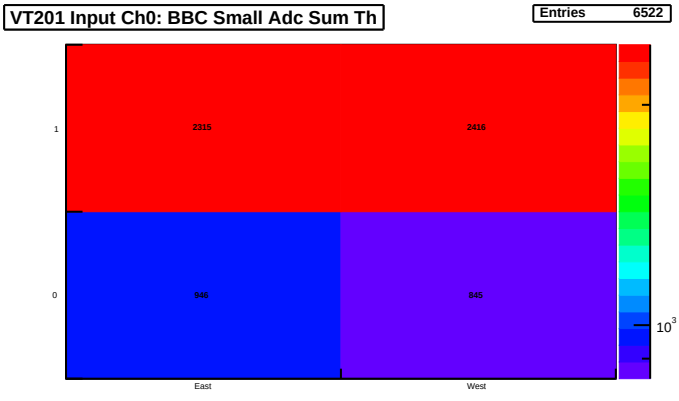

zdcWestTacVsSimu
Entries 5
Data
Simu

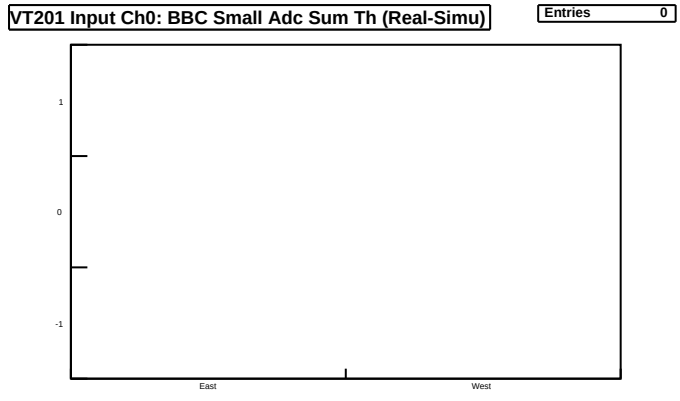

zdcAdcSum
Entries 39132
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

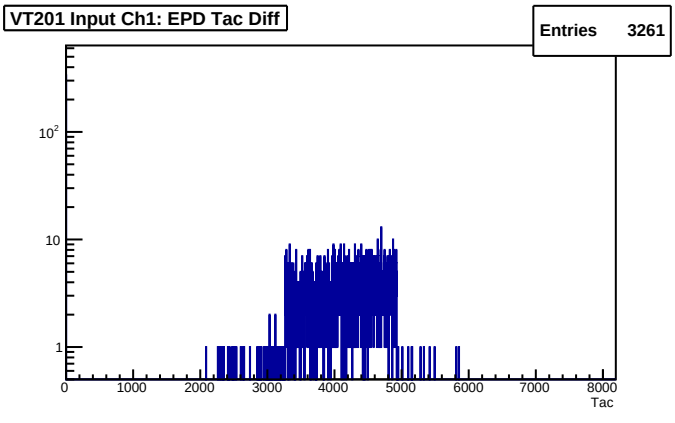

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

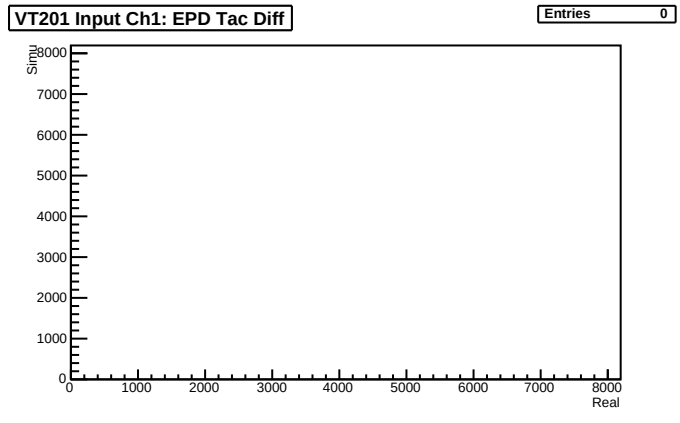

VT201 Input Ch0: BBC Small Tac Diff
Entries 3261
Tac

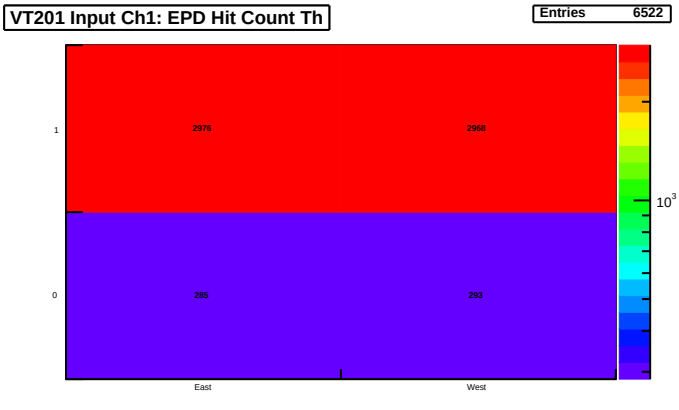

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

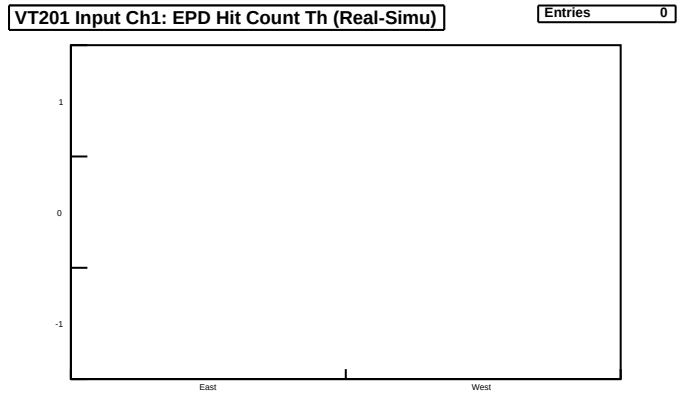

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6522
2315
2416
946
845
East
West

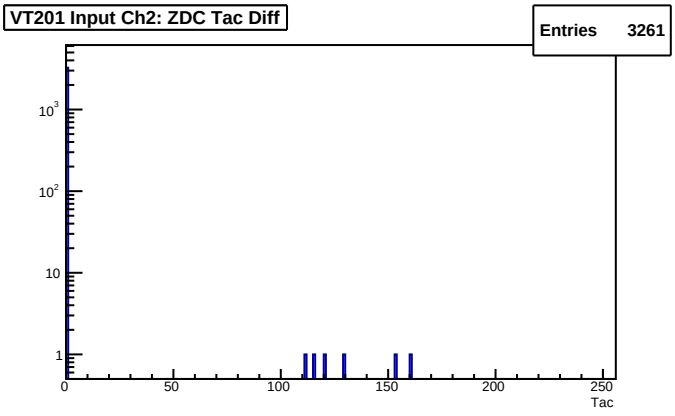

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

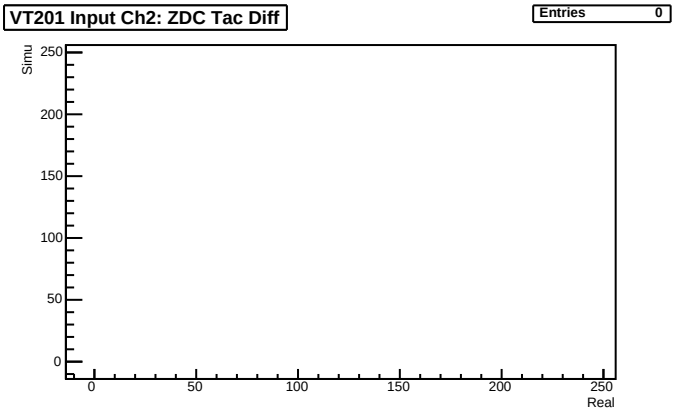

VT201 Input Ch1: EPD Tac Diff
Entries 3261
Tac

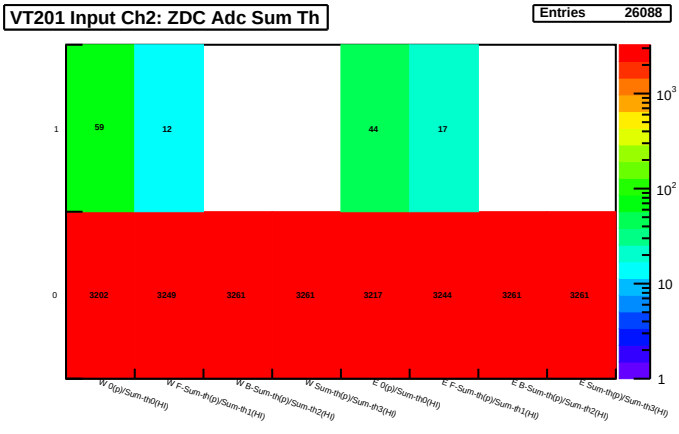

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

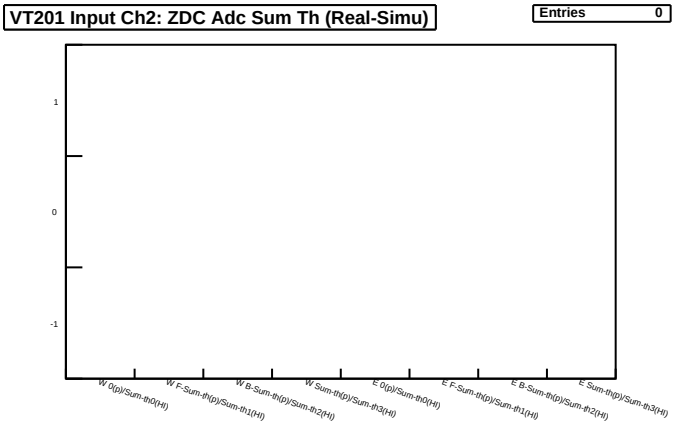

VT201 Input Ch1: EPD Hit Count Th
Entries 6522
2976
2968
285
293
East
West

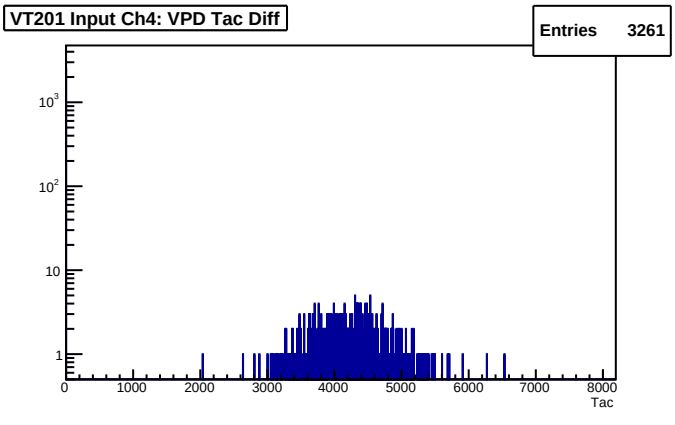

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

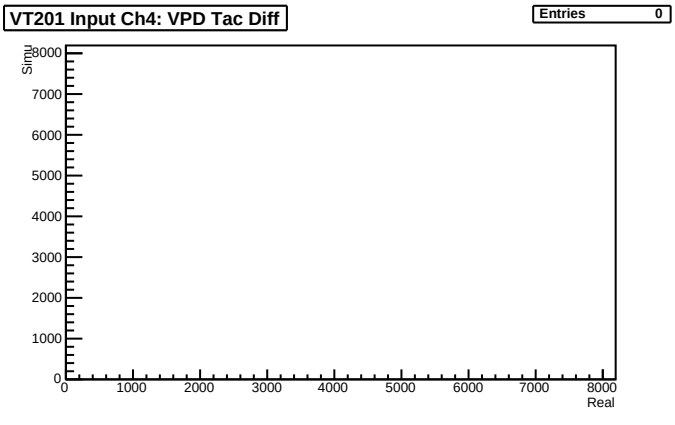

VT201 Input Ch2: ZDC Tac Diff
Entries 3261
Tac

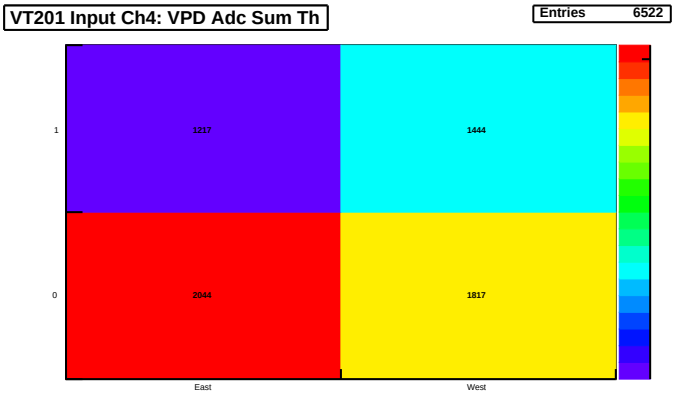

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

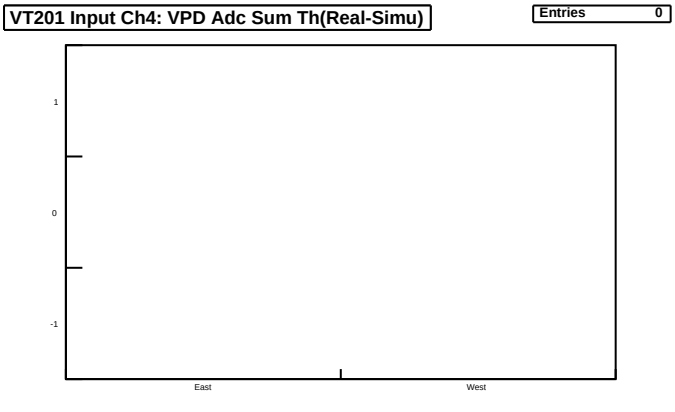

VT201 Input Ch2: ZDC Adc Sum Th
Entries 26088
59
12
44
17
3202
3249
3261
3261
3217
3244
3261
3261
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

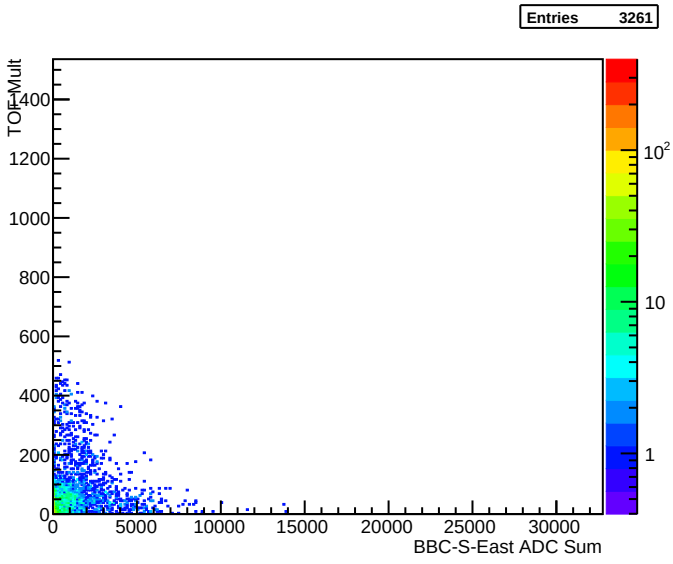

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

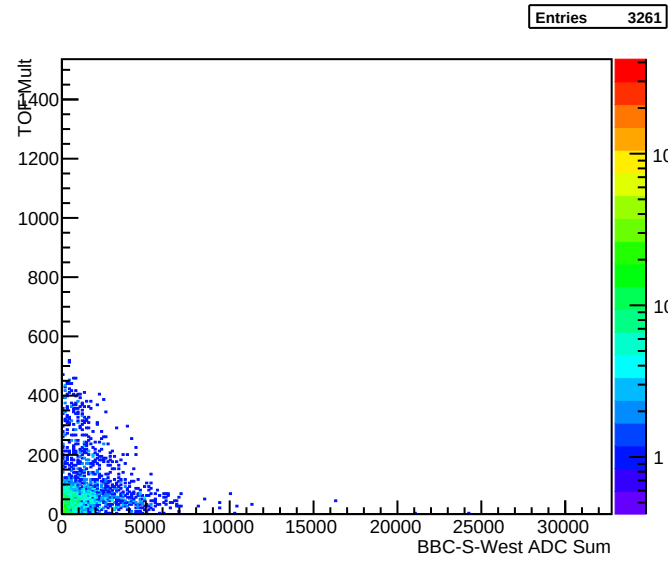

VT201 Input Ch4: VPD Tac Diff
Entries 3261
Tac

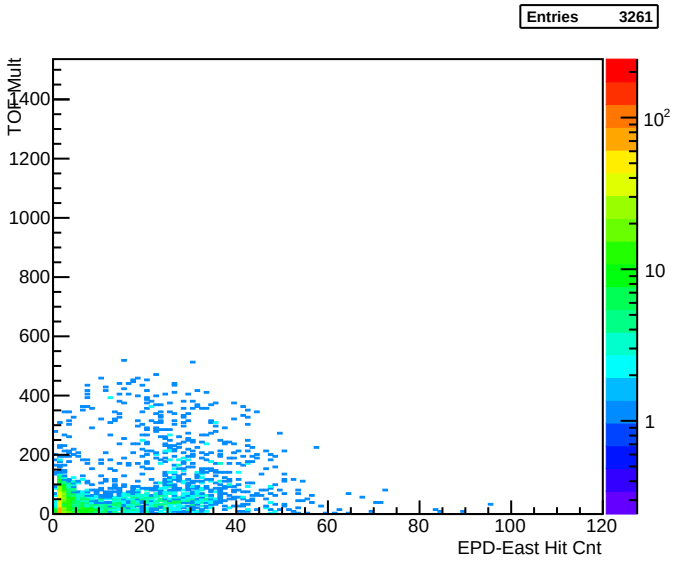

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

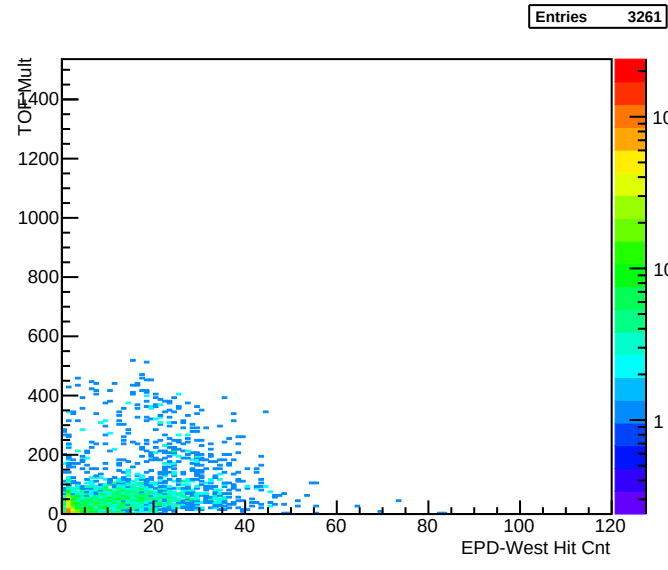

VT201 Input Ch4: VPD Adc Sum Th
Entries 6522
1217
1444
2044
1817
East
West

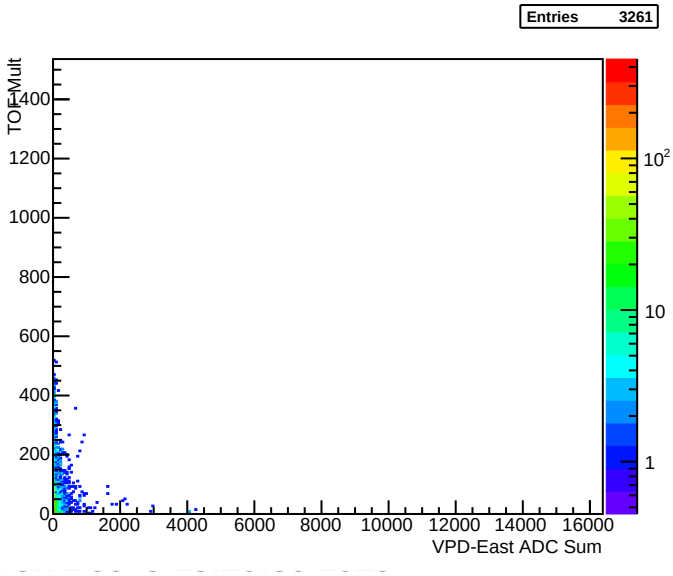

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

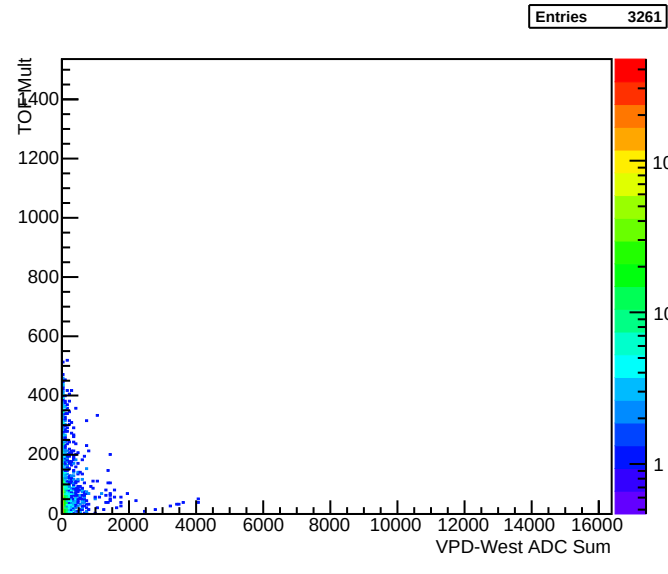

Entries 3261
TOF-Mult
BBC-S-East ADC Sum

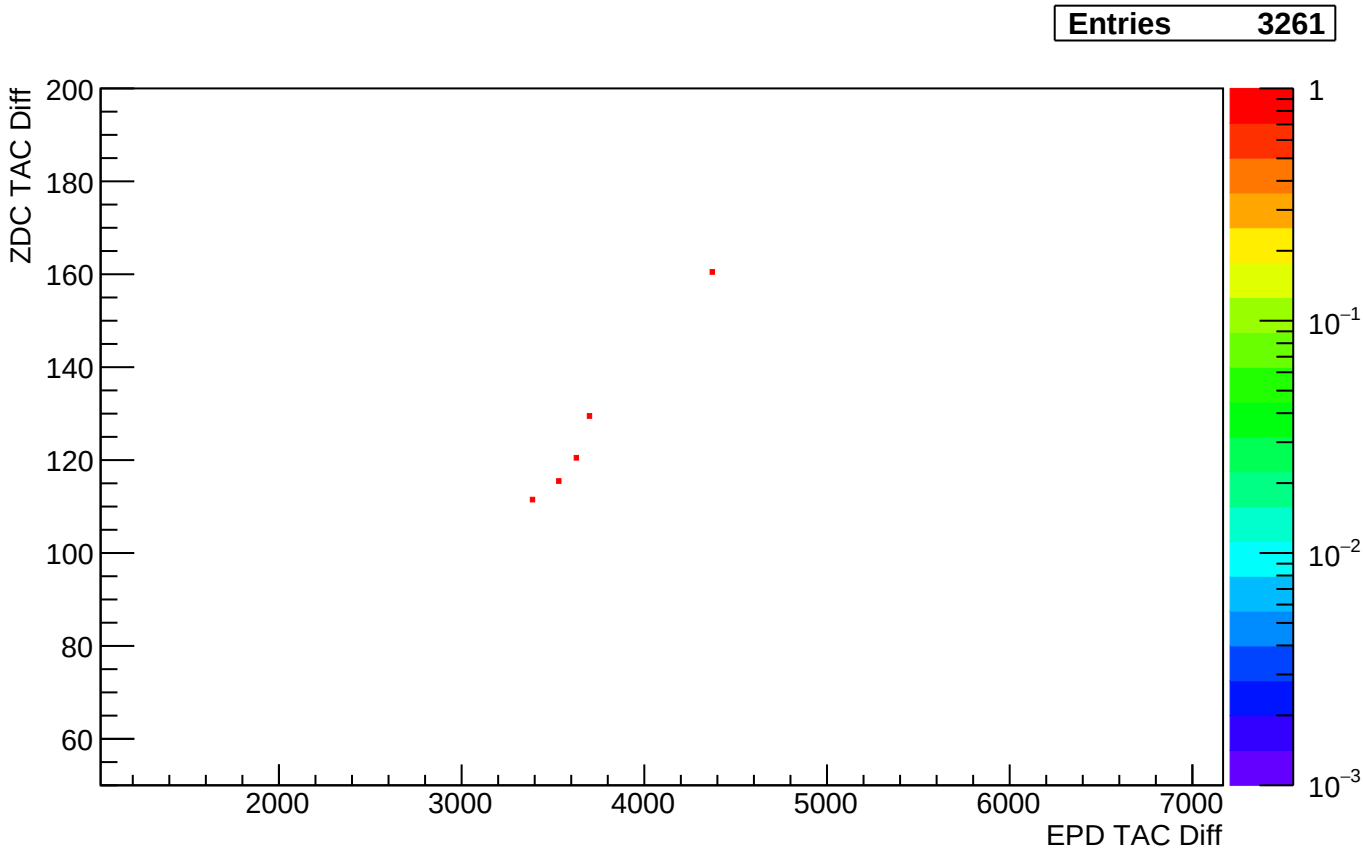

Entries 3261
TOF-Mult
BBC-S-West ADC Sum

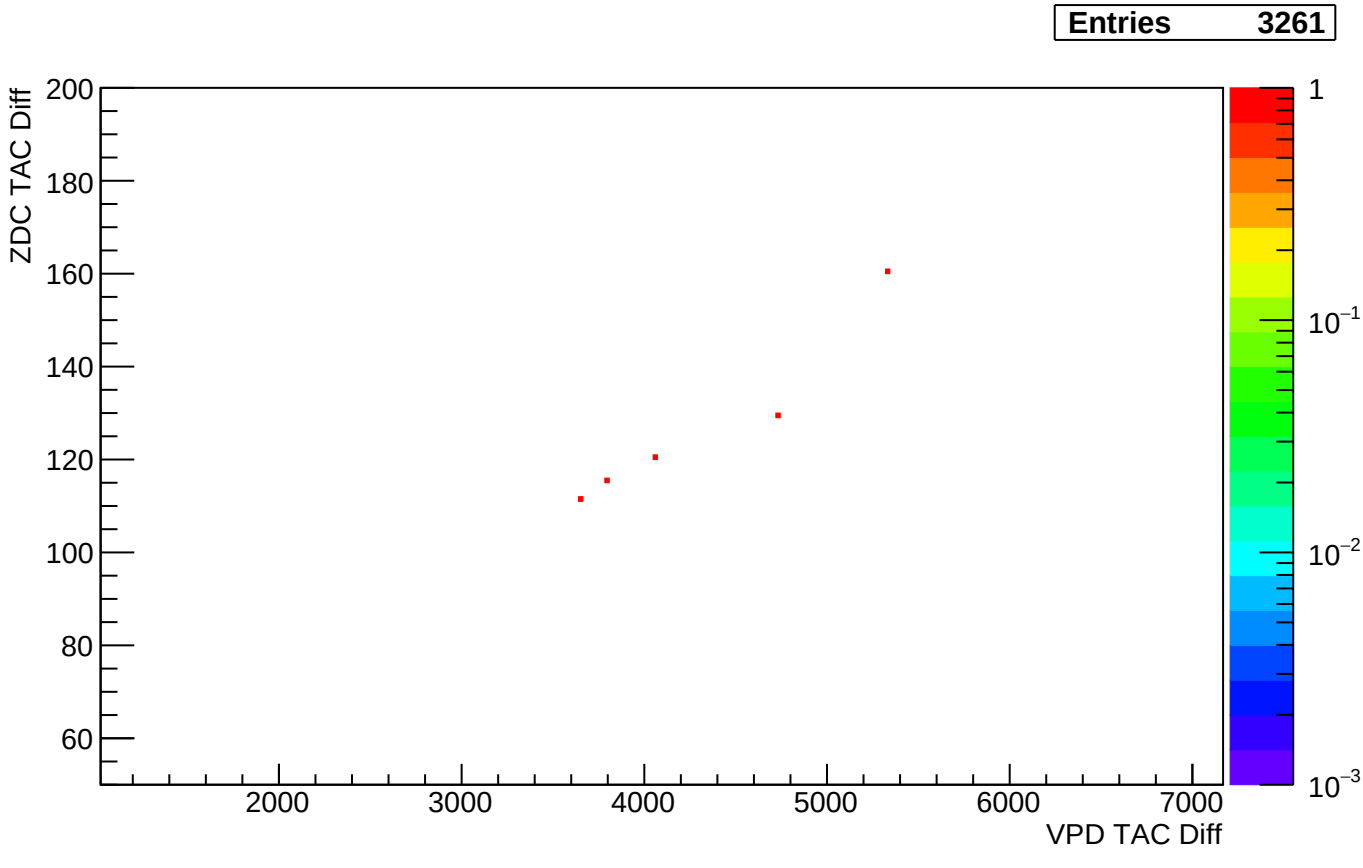

Entries 3261
TOF-Mult
EPD-East Hit Cnt

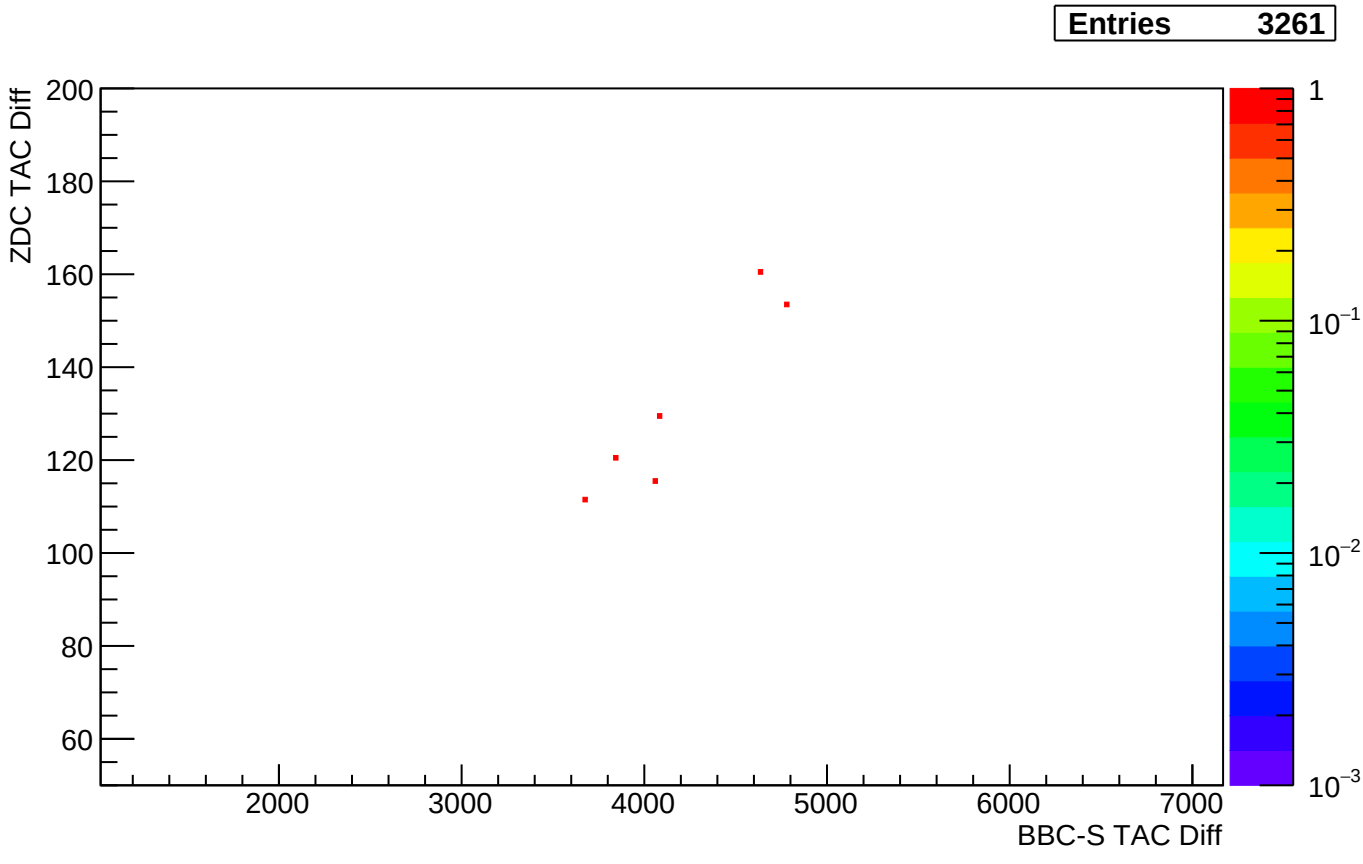

Entries 3261
TOF-Mult
EPD-West Hit Cnt

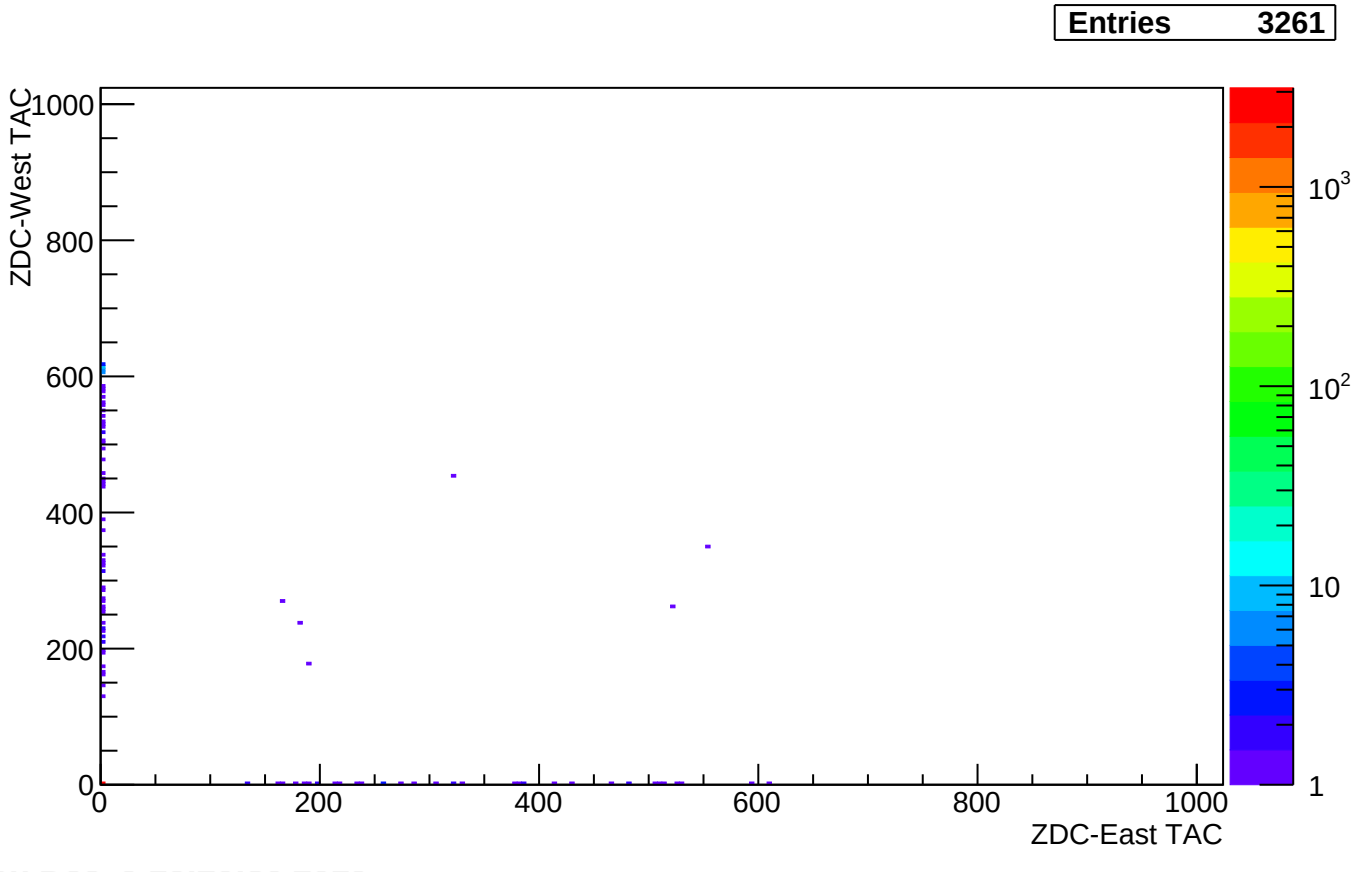

Entries 3261
TOF-Mult
VPD-East ADC Sum

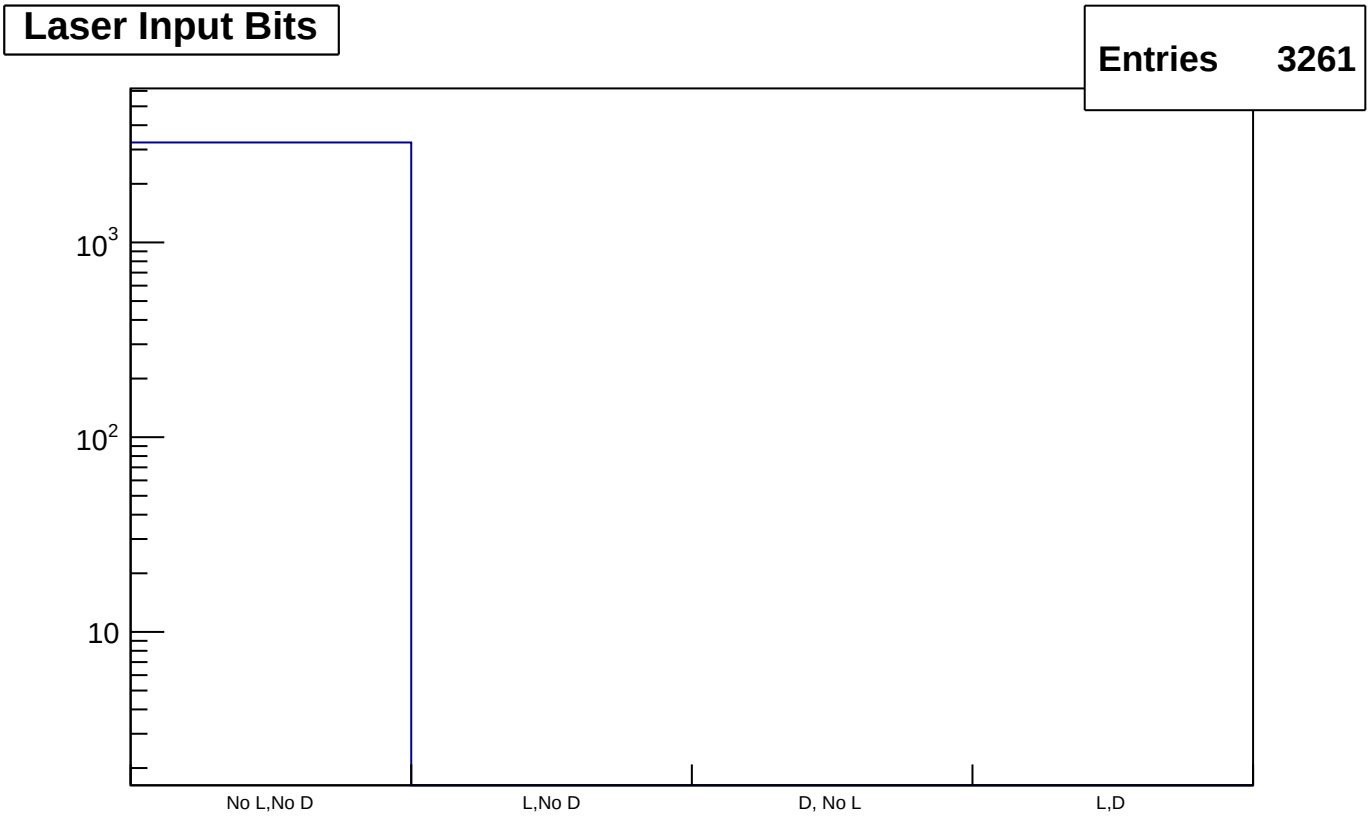

Entries 3261
TOF-Mult
VPD-West ADC Sum

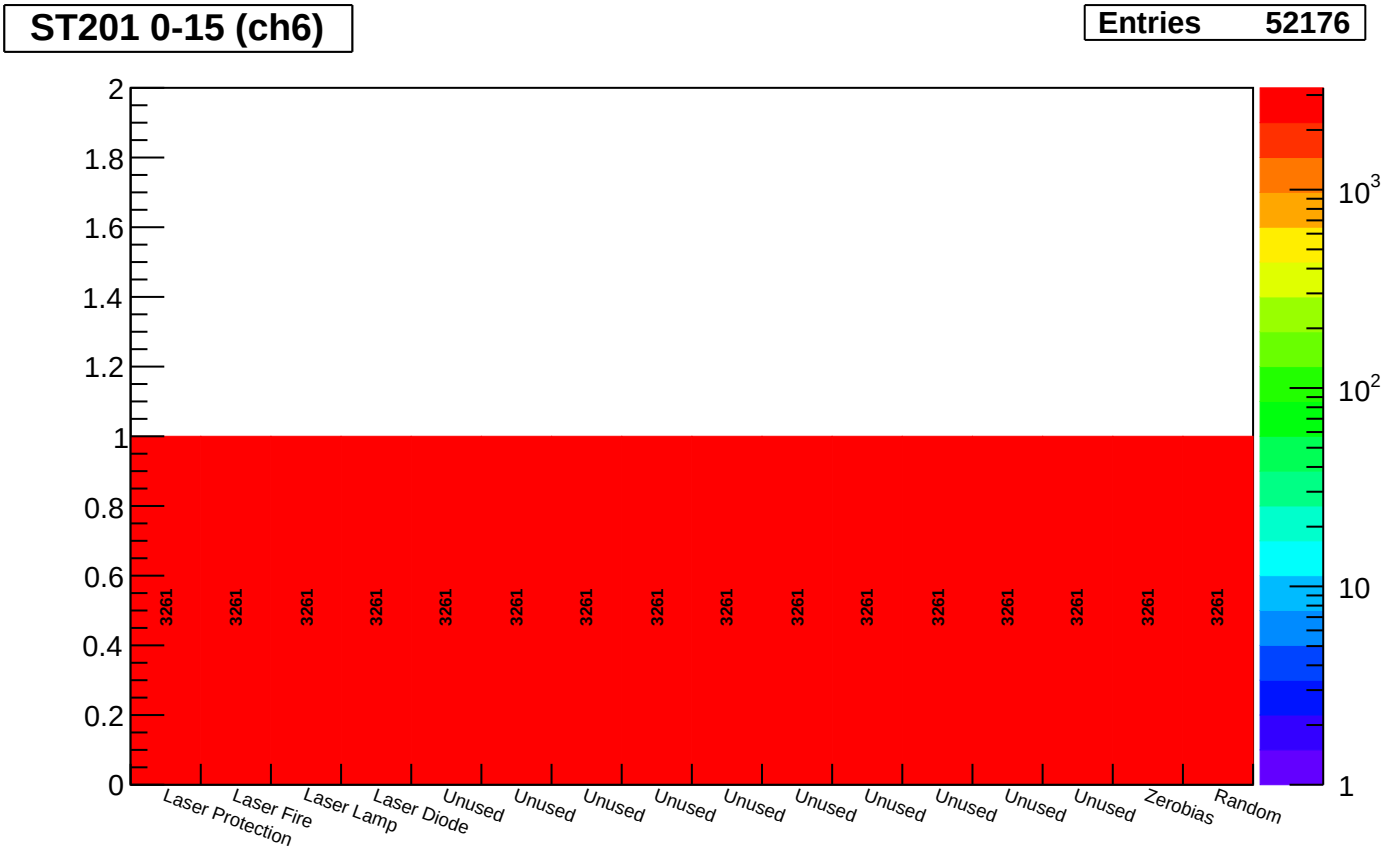

Entries 3261
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

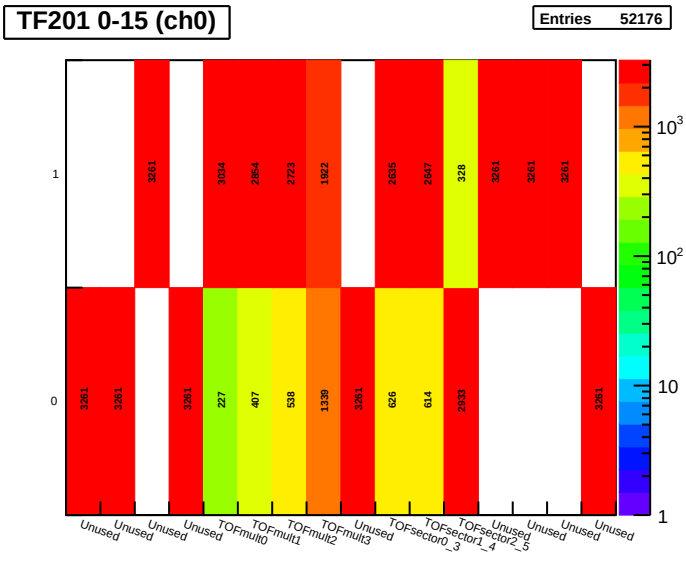

Entries 3261
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

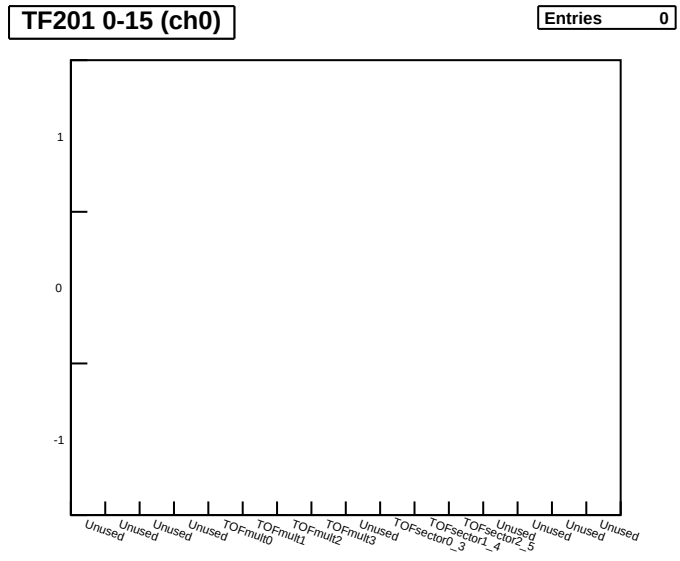

Entries 3261
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

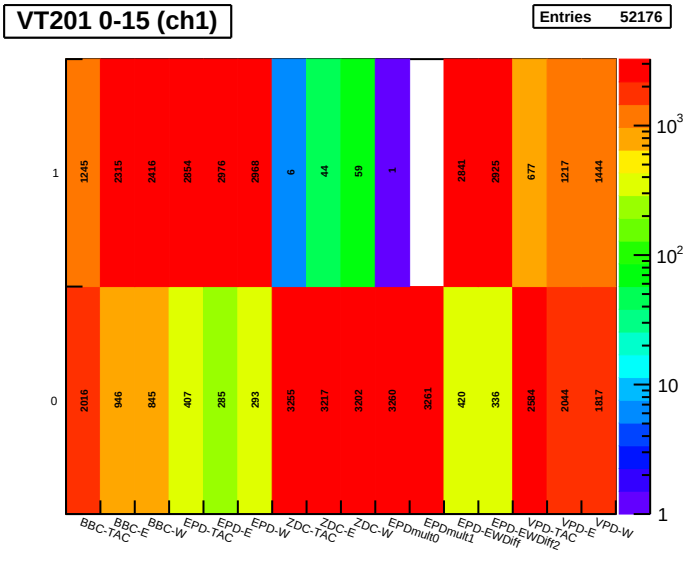

Entries 3261
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^3
10^2
10
1

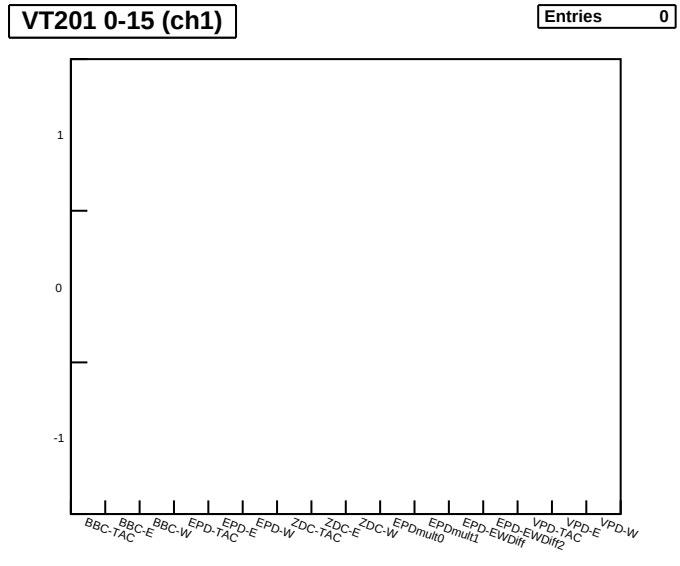

Laser Input Bits
Entries 3261
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

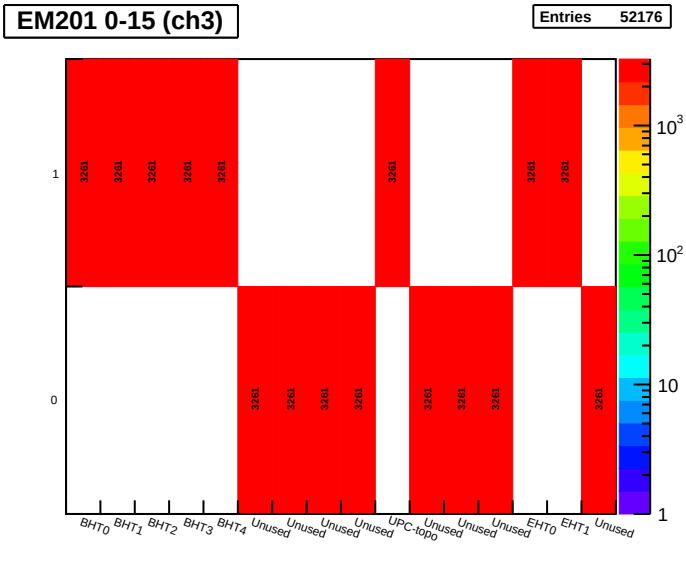

ST201 0-15 (ch6)
Entries 52176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3261
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1

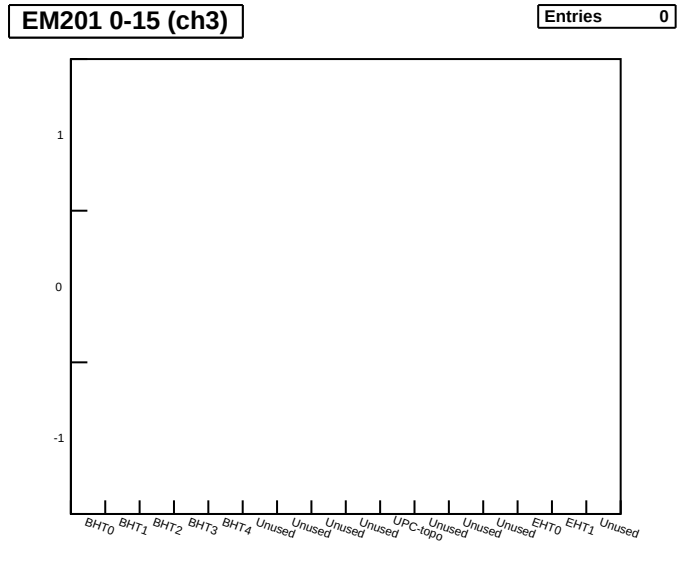

TF201 0-15 (ch0)
Entries 52176
1
0
3261 3034 2854 2723 1922 2635 2647 328 3261 3261 3261
3261 3261 3261 227 407 538 1339 3261 626 614 2933 3261
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 52176
1
0
1245 2315 2416 2854 2976 2968 6 44 59 1 2841 2925 677 1217 1444
2016 946 845 407 285 293 3255 3217 3202 3260 3261 420 336 2584 2044 1817
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
10^3
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 52176
1
0
3261 3261 3261 3261 3261 3261 3261 3261
3261 3261 3261 3261 3261 3261 3261 3261
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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