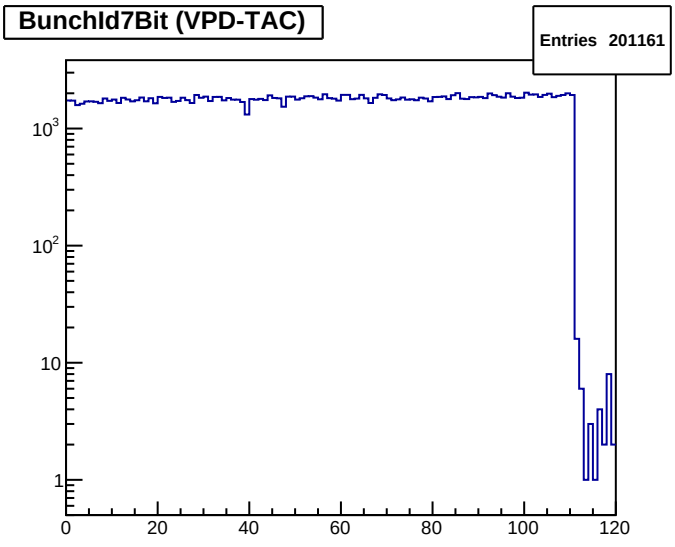
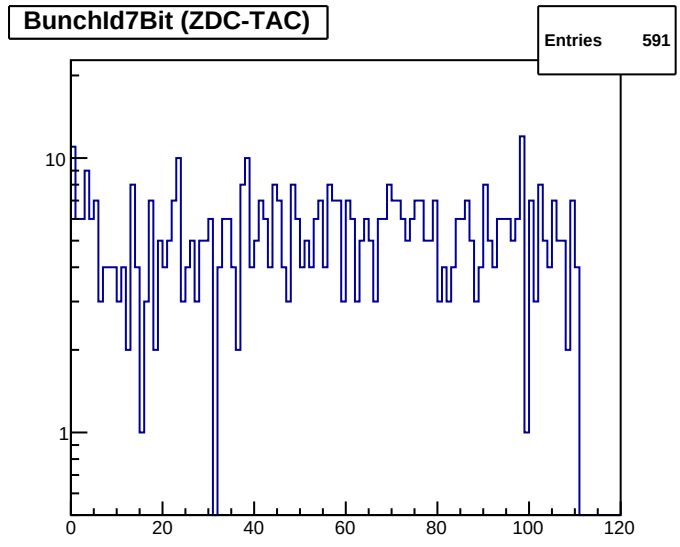
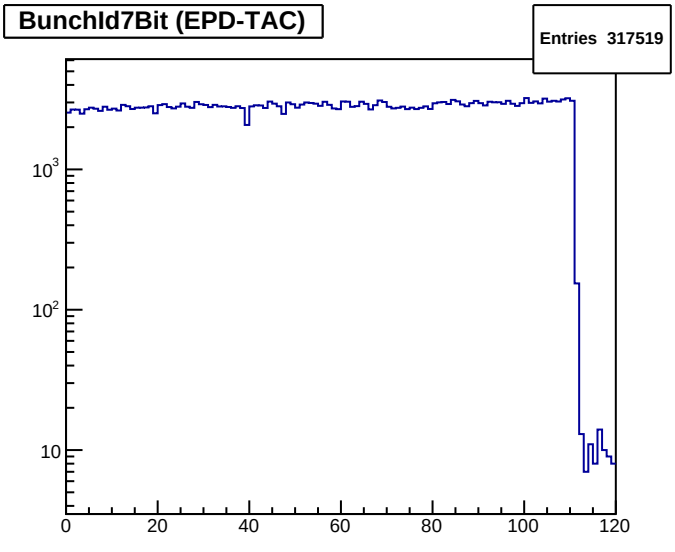
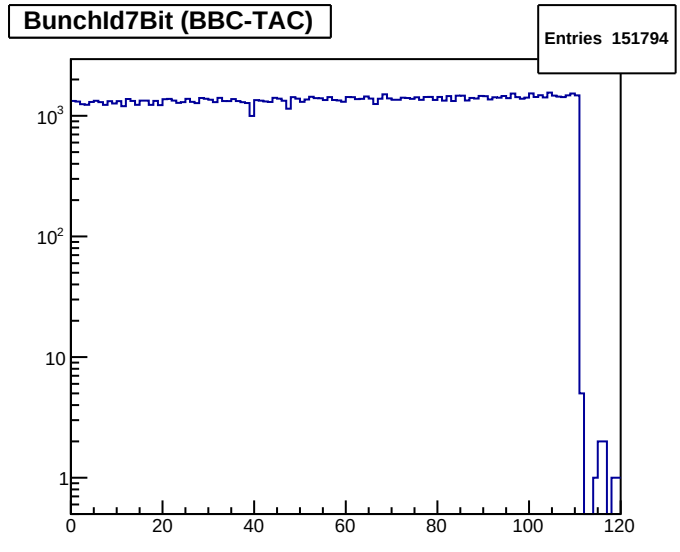
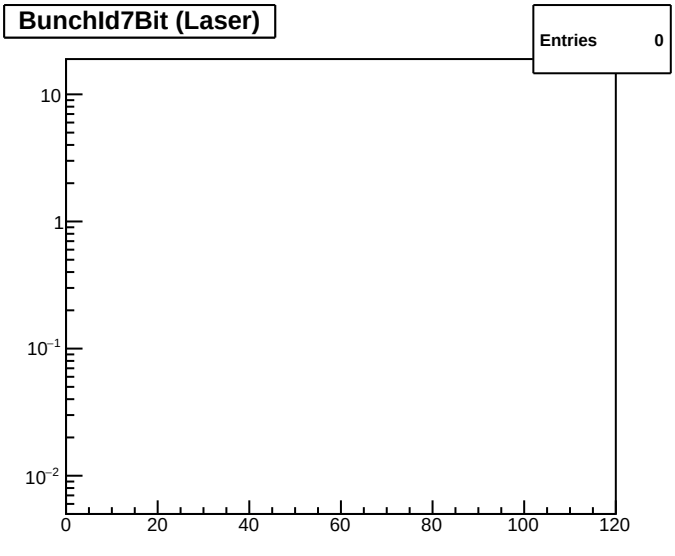
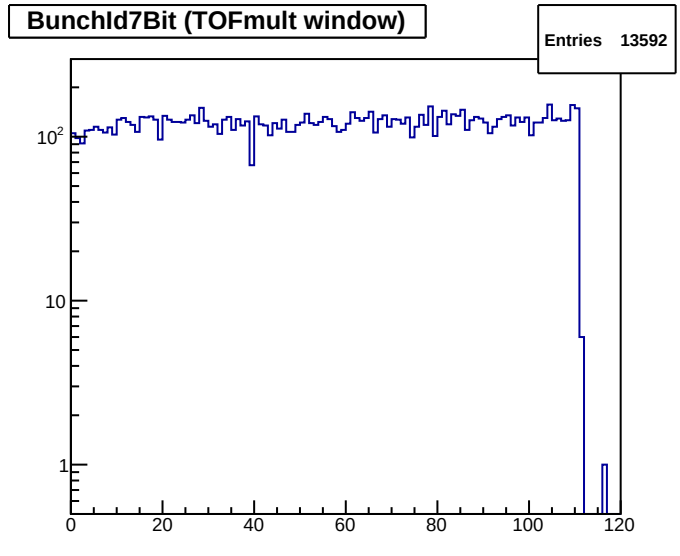

BunchId7Bit (VPD-TAC)
Entries 201161

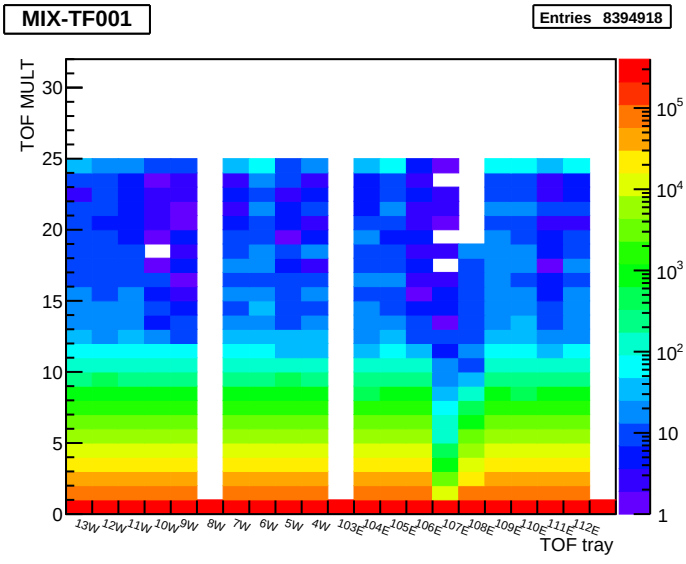

BunchId7Bit (ZDC-TAC)
Entries 591

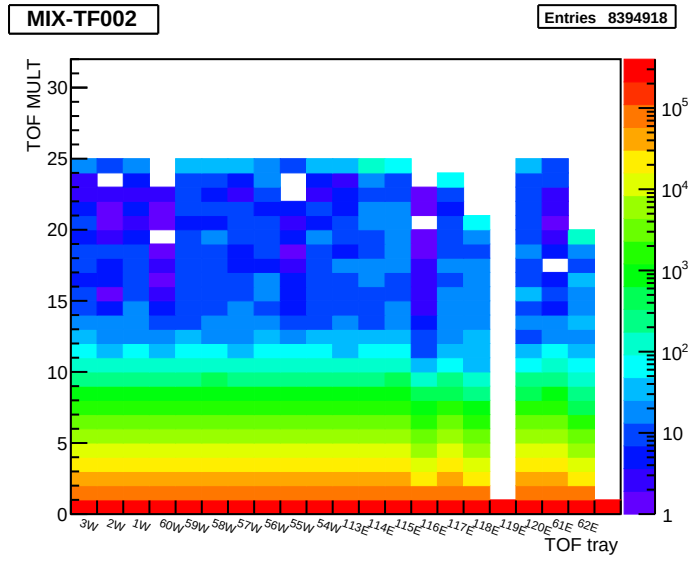

BunchId7Bit (EPD-TAC)
Entries 317519

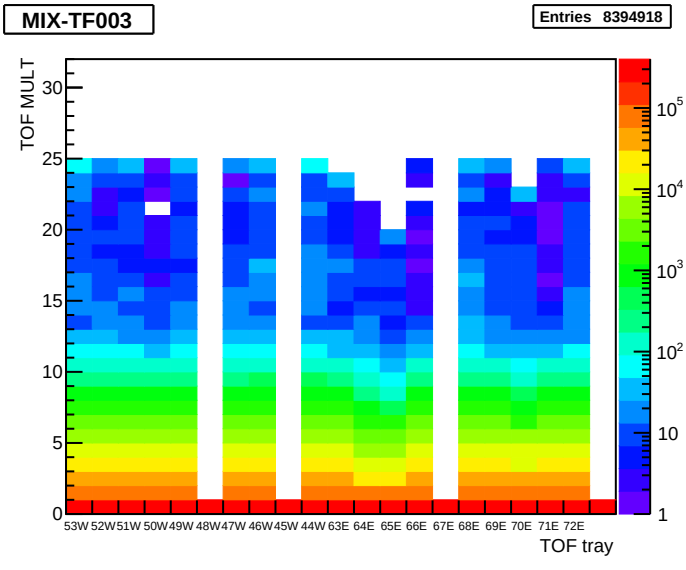

BunchId7Bit (BBC-TAC)
Entries 151794

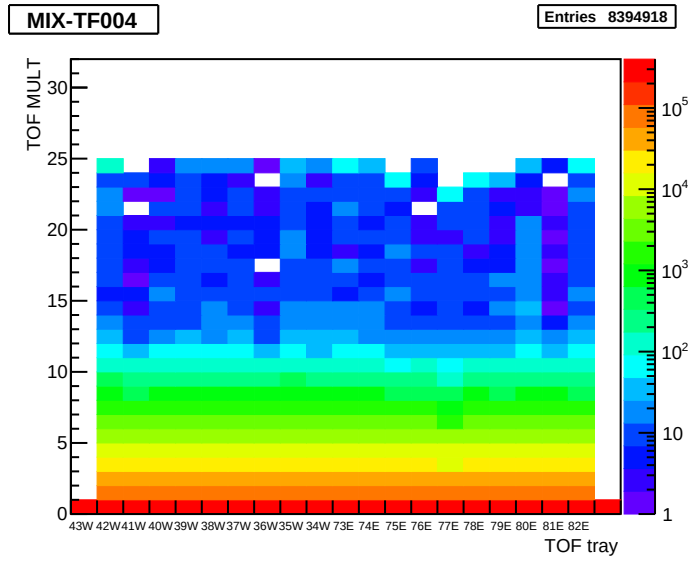

BunchId7Bit (Laser)
Entries 0

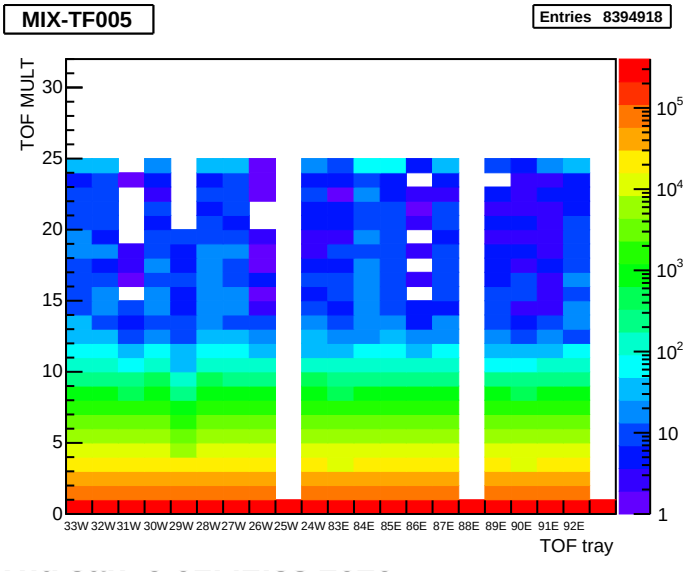

BunchId7Bit (TOFmult window)
Entries 13592

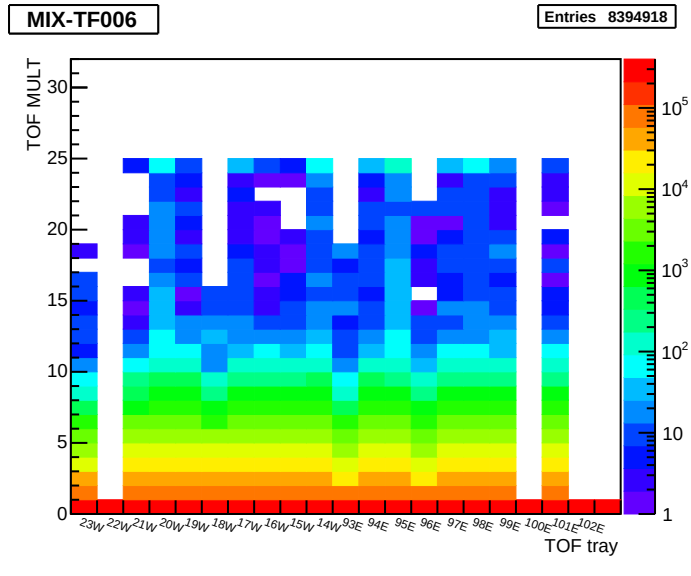

MIX-TF001
Entries 8394918
TOF MULT
TOF tray

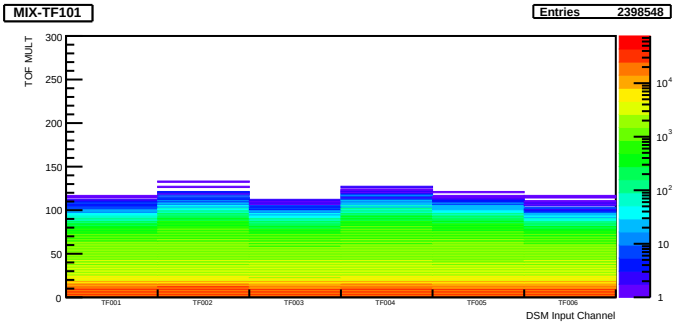

MIX-TF002
Entries 8394918
TOF MULT
TOF tray

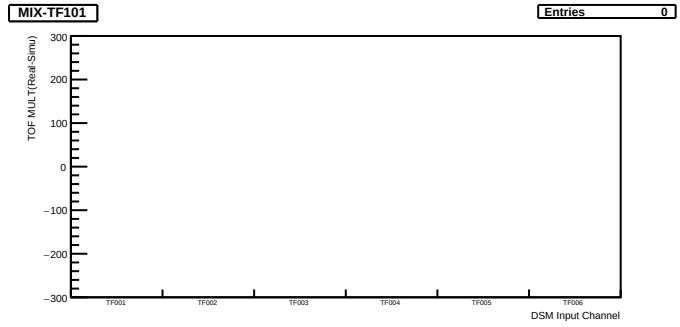

MIX-TF003
Entries 8394918
TOF MULT
TOF tray

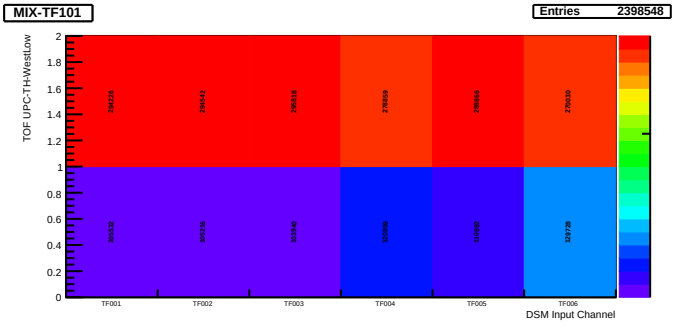

MIX-TF004
Entries 8394918
TOF MULT
TOF tray

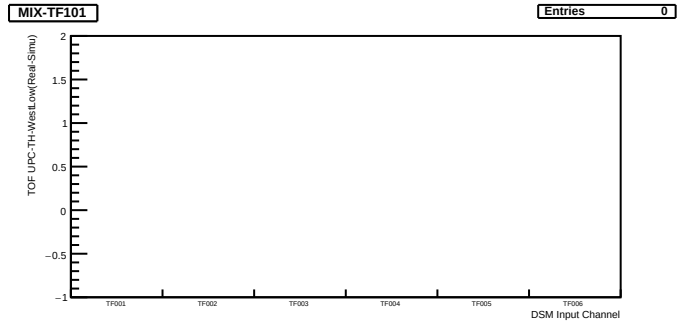

MIX-TF005
Entries 8394918
TOF MULT
TOF tray

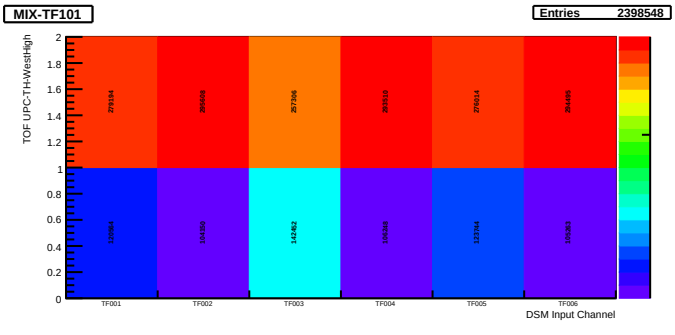

MIX-TF006
Entries 8394918
TOF MULT
TOF tray

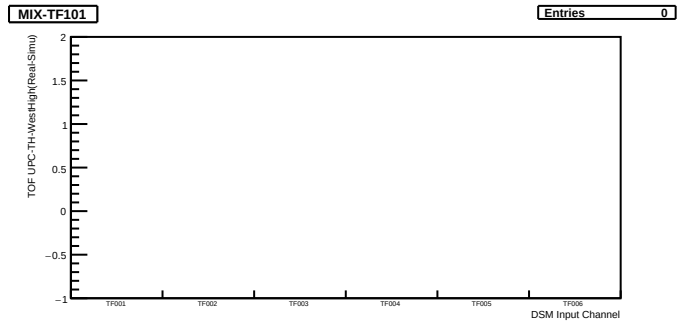

MIX-TF101
Entries 2398548
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

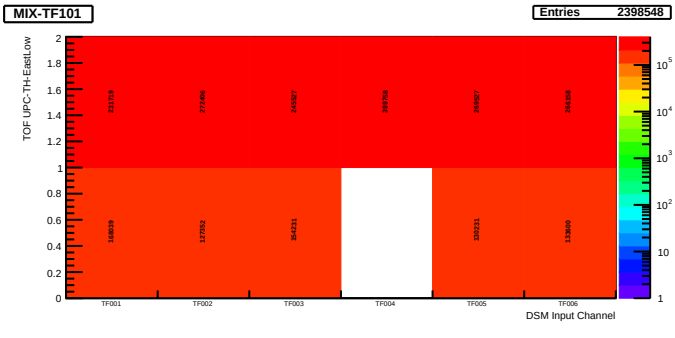

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

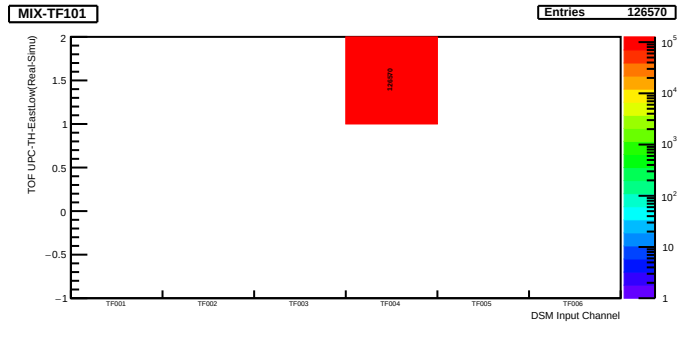

MIX-TF101
Entries 2398548
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

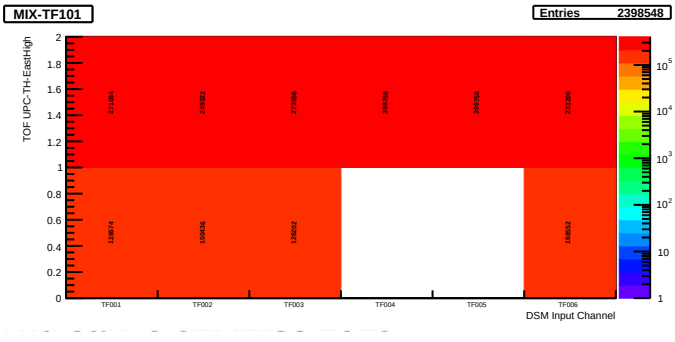

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

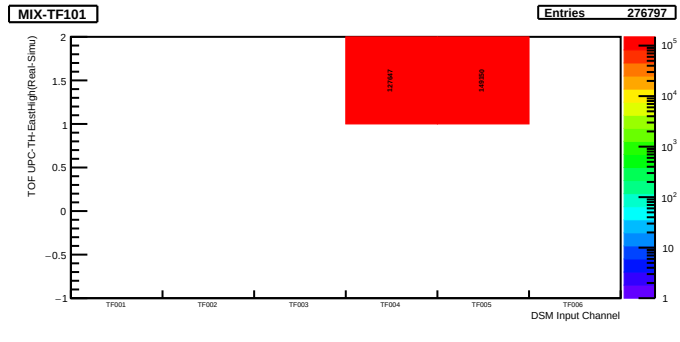

MIX-TF101
Entries 2398548
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

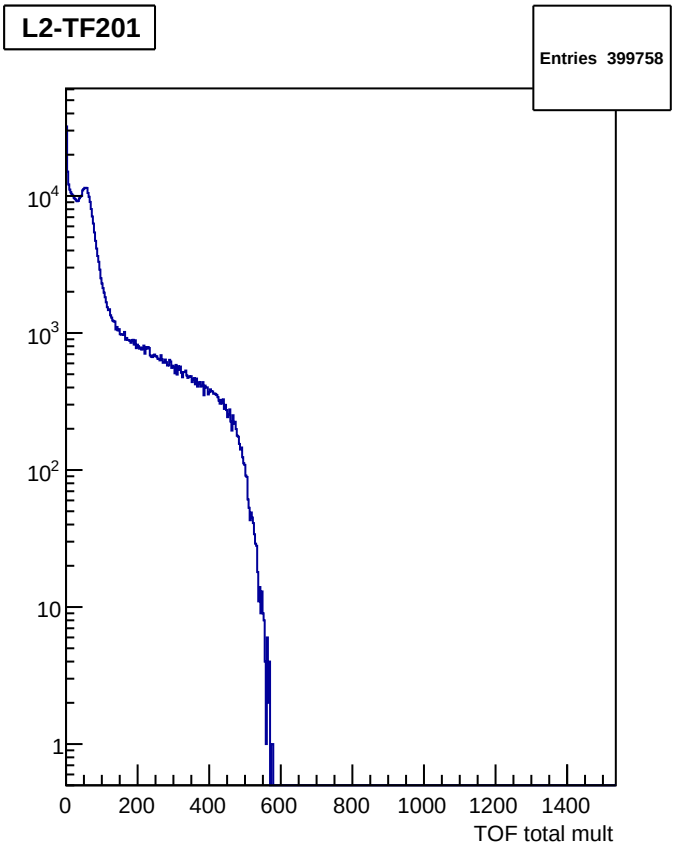

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

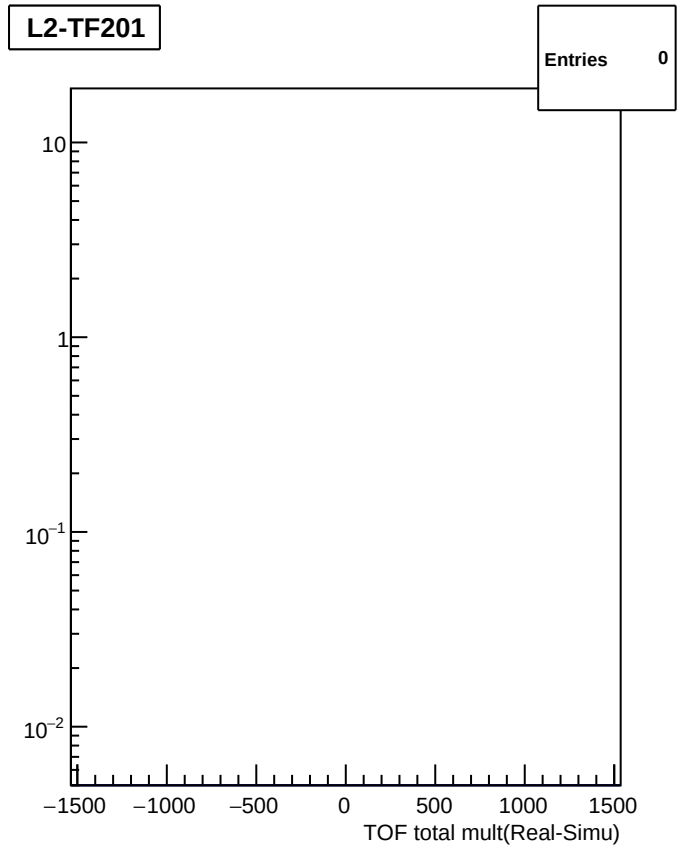

MIX-TF101
Entries 2398548
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

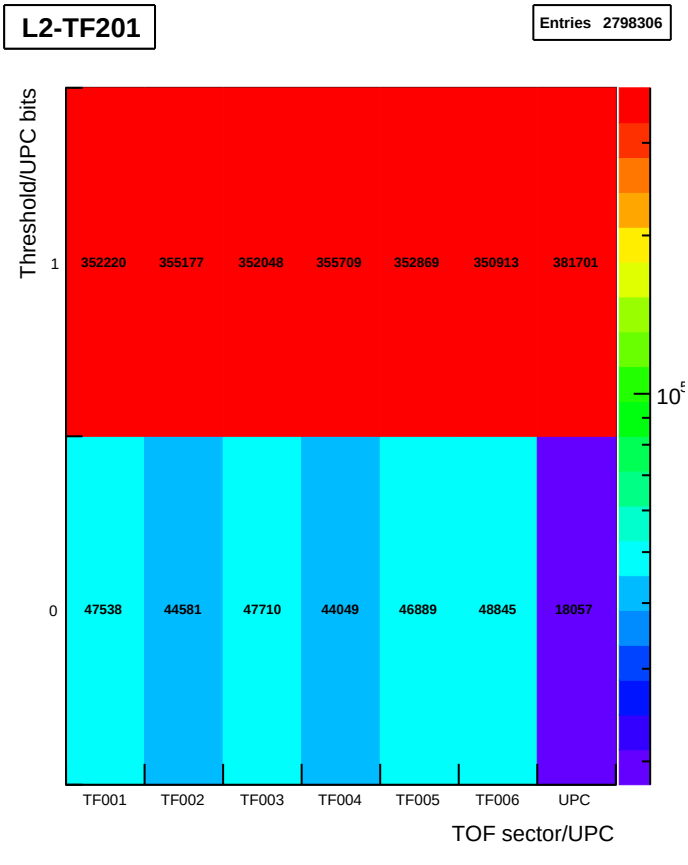

MIX-TF101
Entries 126570
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

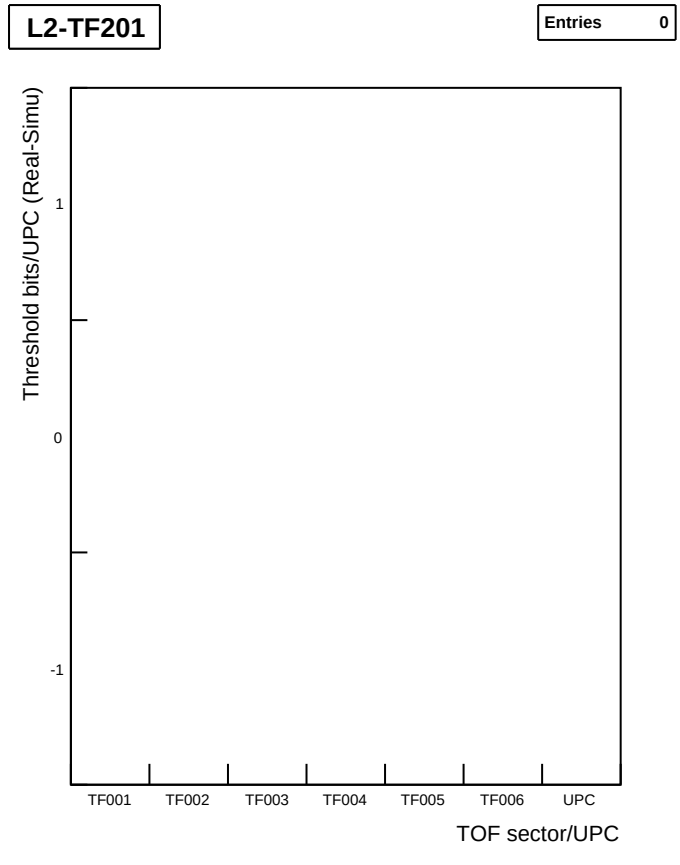

MIX-TF101
Entries 2398548
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

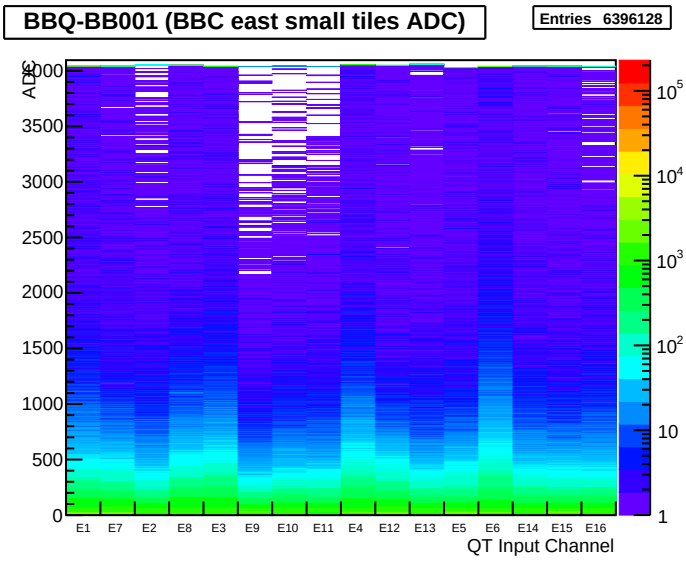

MIX-TF101
Entries 276797
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

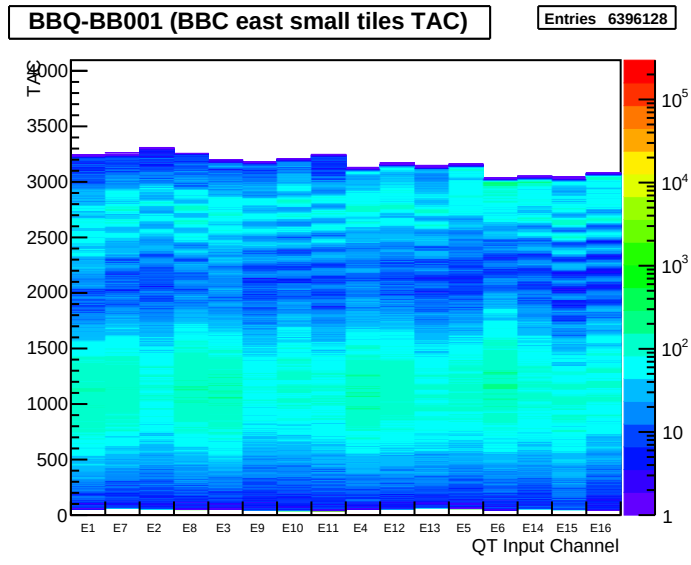

L2-TF201
Entries 399758
TOF total mult

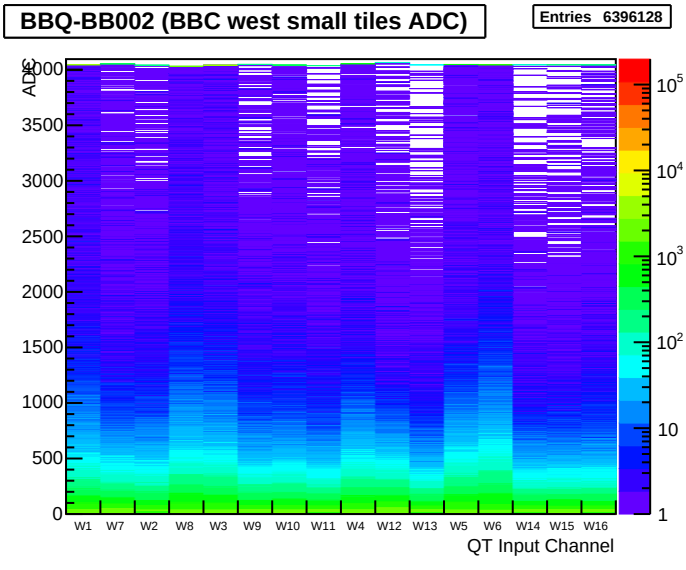

L2-TF201
Entries 0
TOF total mult(Real-Simu)

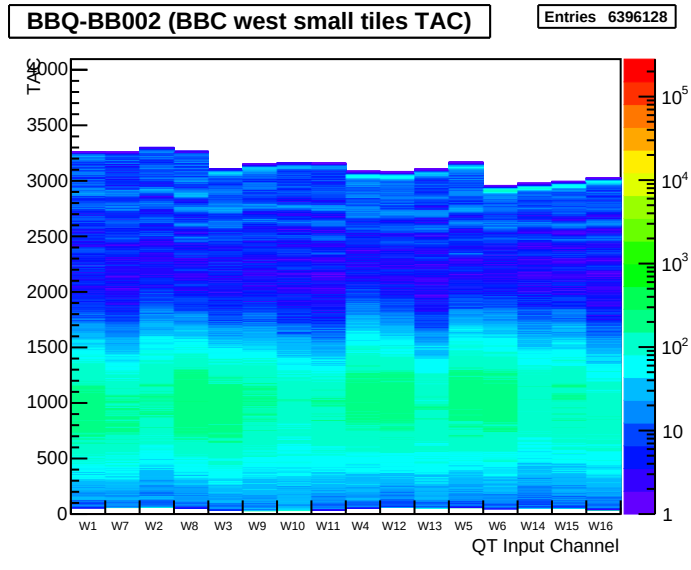

L2-TF201
Entries 2798306
Threshold/UPC bits
352220
355177
352048
355709
352869
350913
381701
47538
44581
47710
44049
46889
48845
18057
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

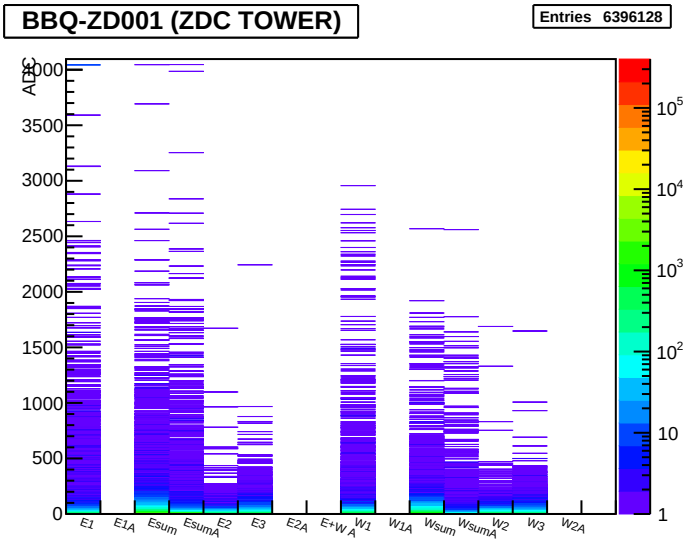

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

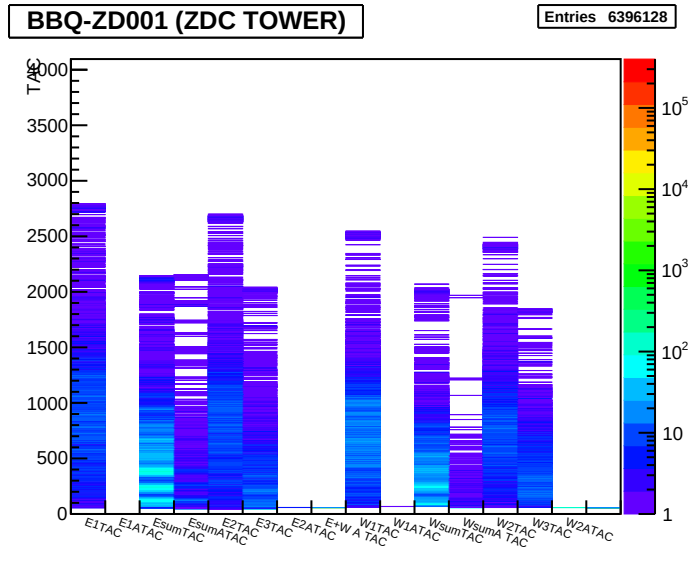

BBQ-BB001 (BBC east small tiles ADC)
Entries 6396128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

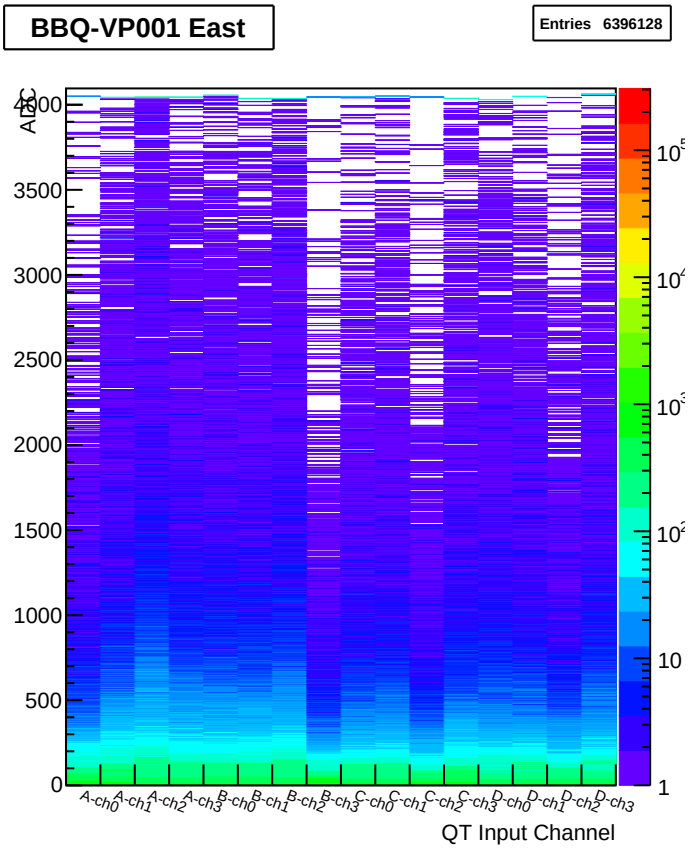

BBQ-BB001 (BBC east small tiles TAC)
Entries 6396128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

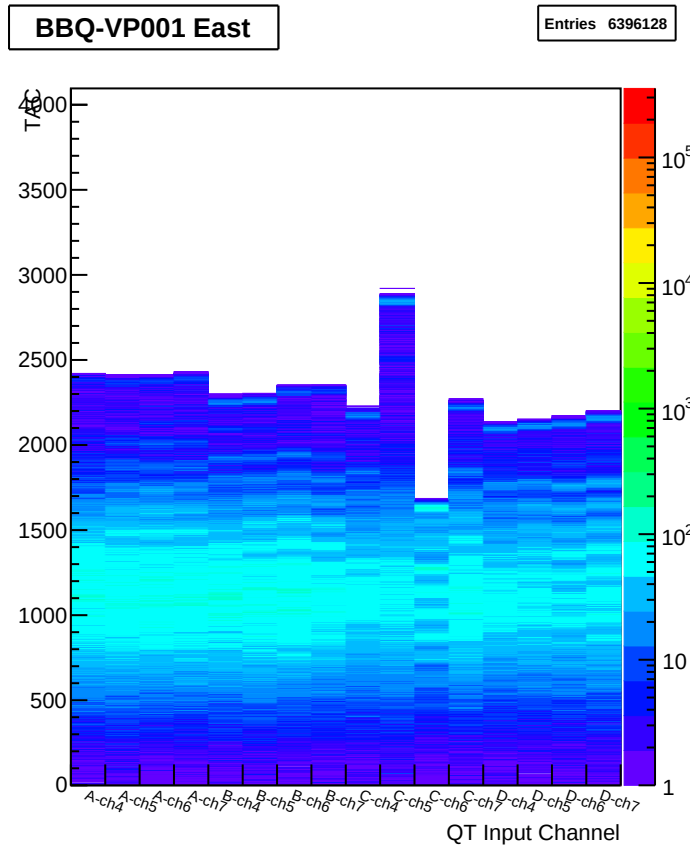

BBQ-BB002 (BBC west small tiles ADC)
Entries 6396128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

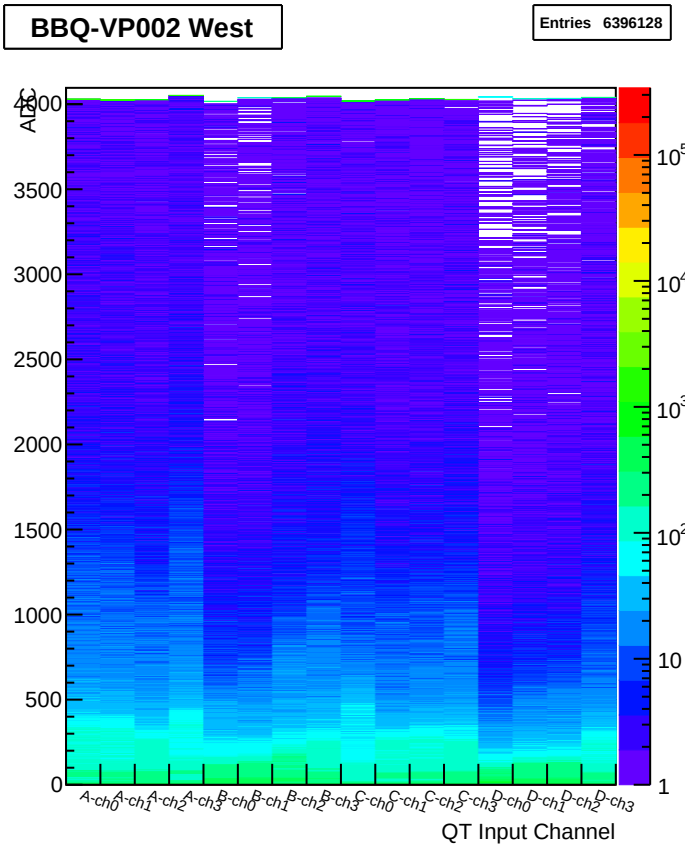

BBQ-BB002 (BBC west small tiles TAC)
Entries 6396128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

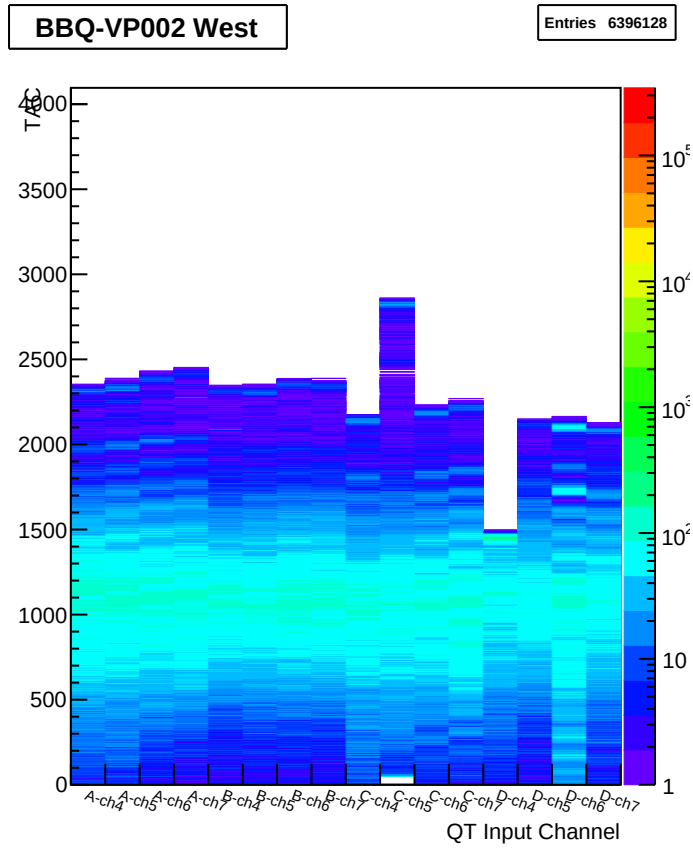

BBQ-ZD001 (ZDC TOWER)
Entries 6396128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

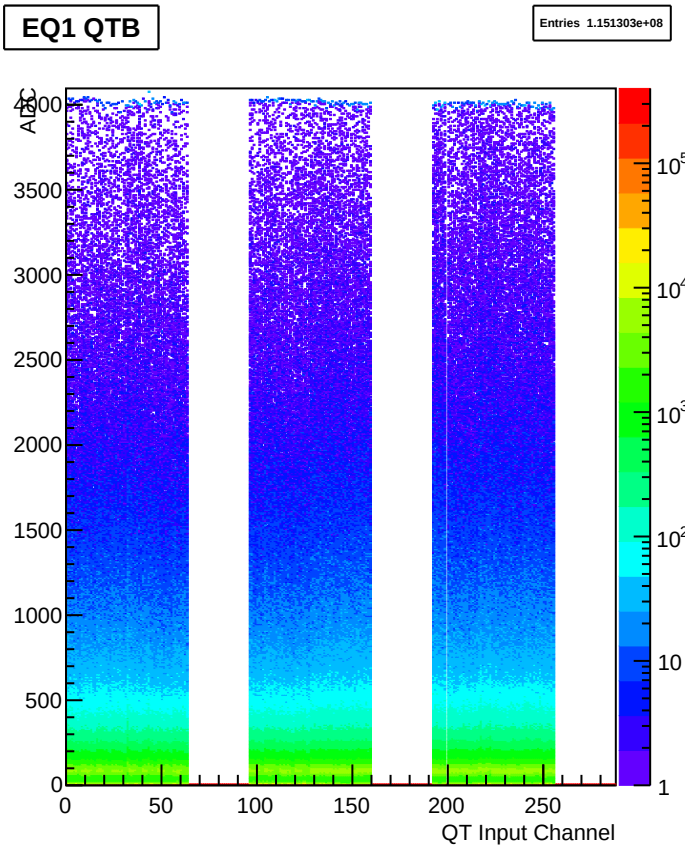

BBQ-ZD001 (ZDC TOWER)
Entries 6396128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

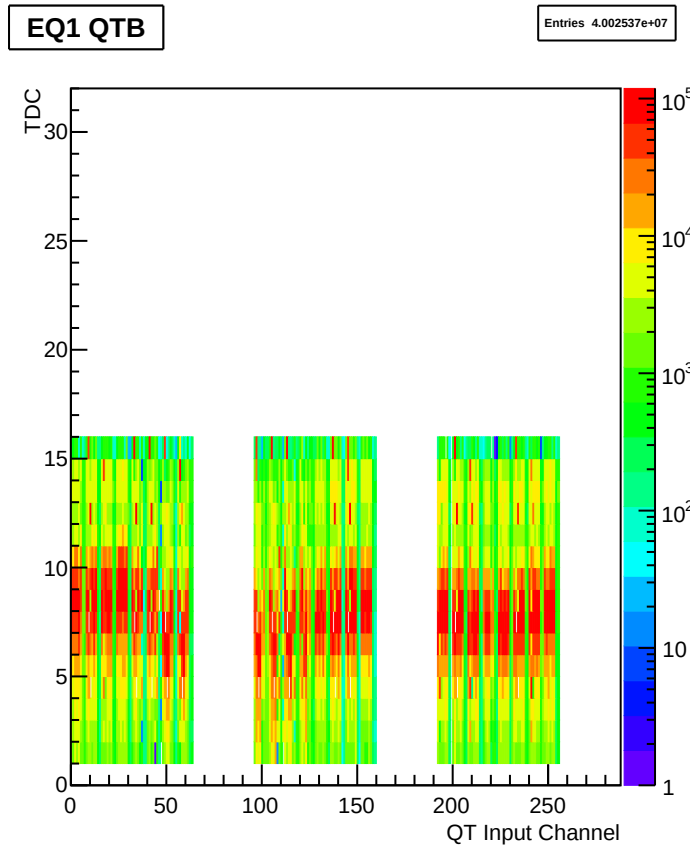

BBQ-VP001 East
Entries 6396128
ADC
QT Input Channel

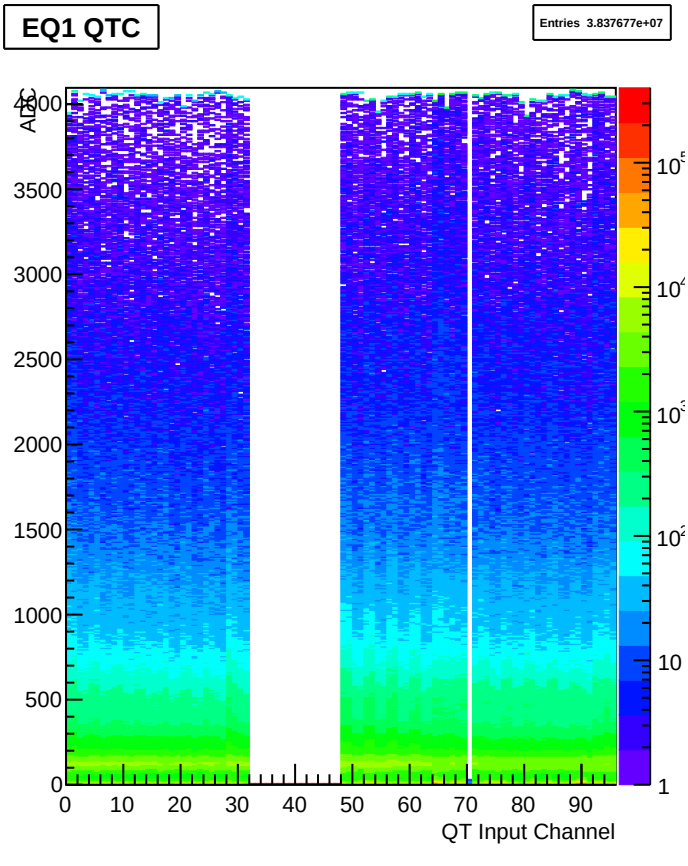

BBQ-VP001 East
Entries 6396128
TADC
QT Input Channel

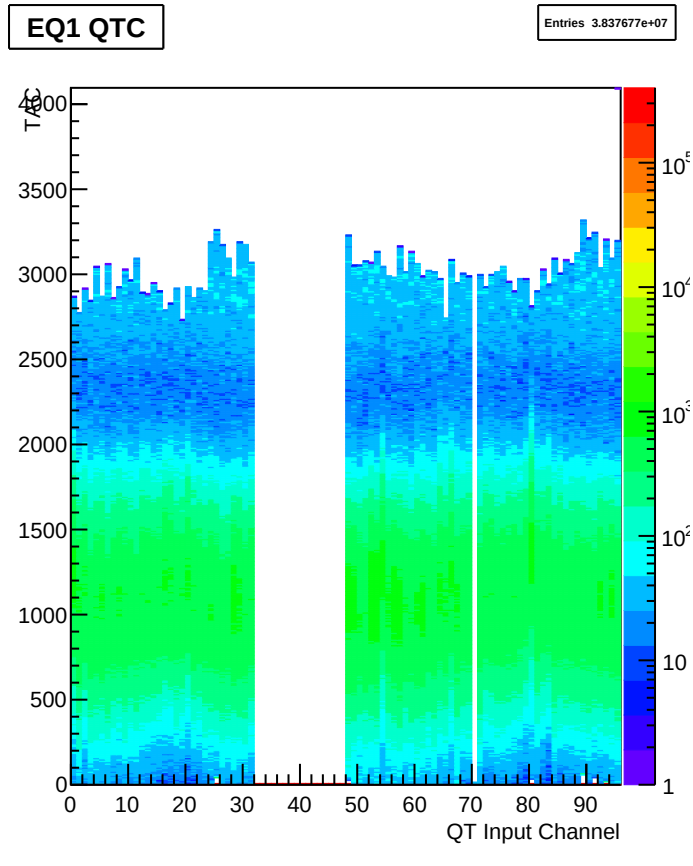

BBQ-VP002 West
Entries 6396128
ADC
QT Input Channel

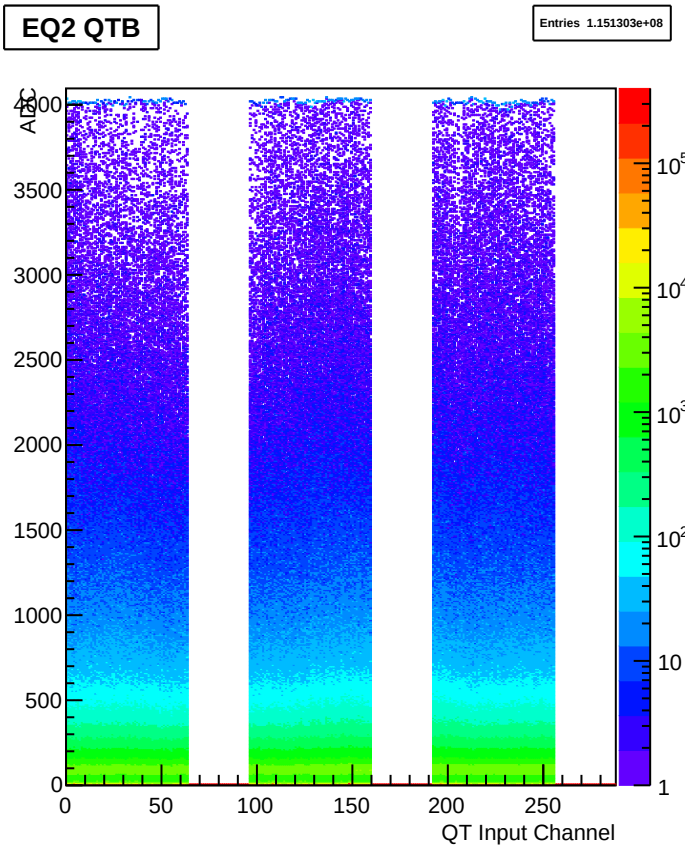

BBQ-VP002 West
Entries 6396128
TADC
QT Input Channel

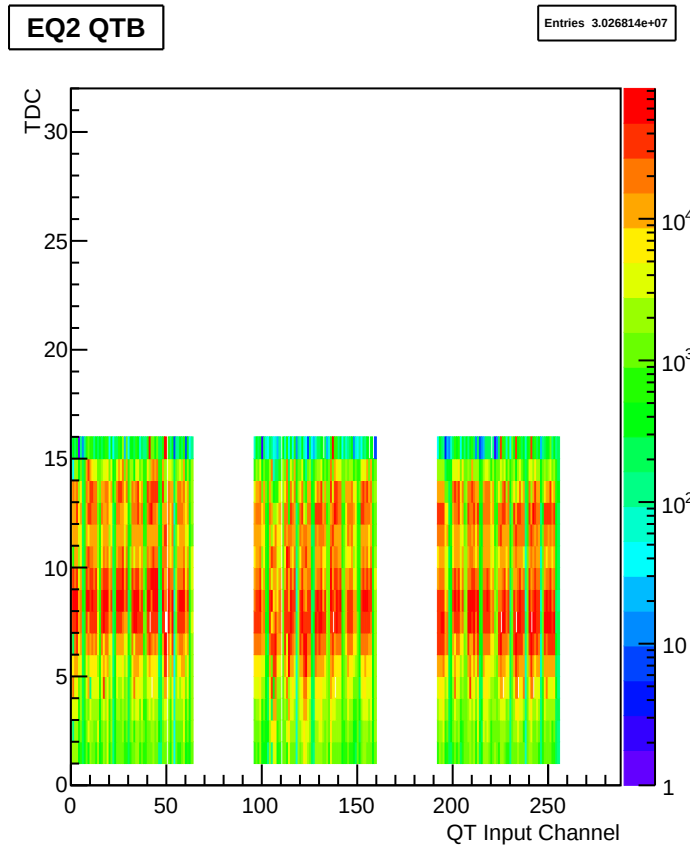

EQ1 QTB
Entries 1.151303e+08
ADC
QT Input Channel

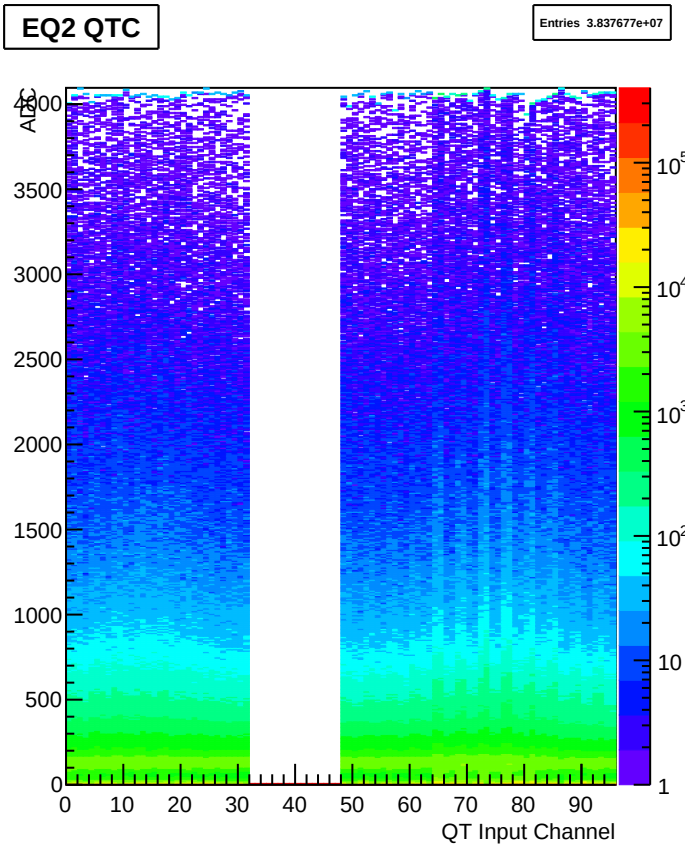

EQ1 QTB
Entries 4.002537e+07
TDC
QT Input Channel

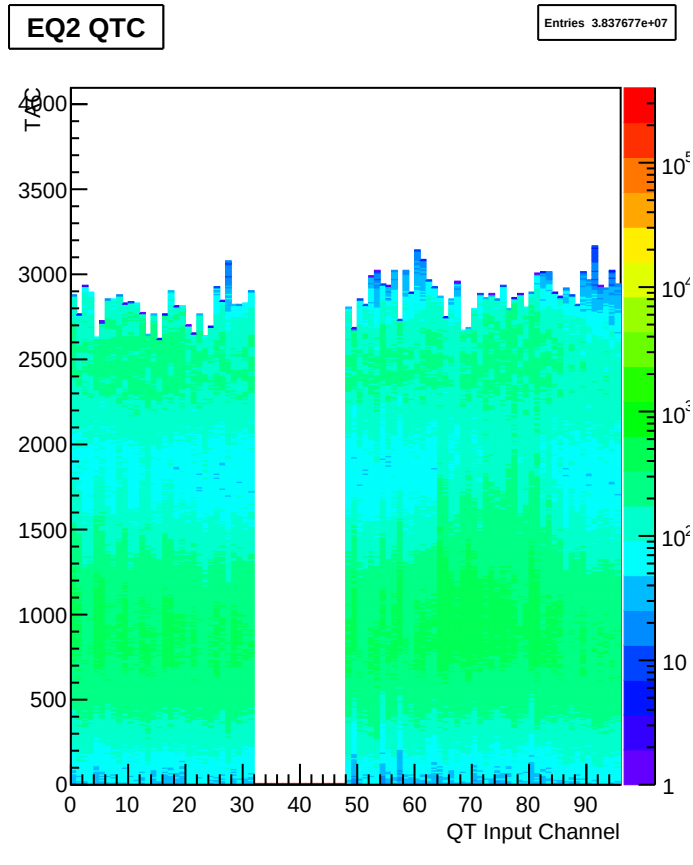

EQ1 QTC
Entries 3.837677e+07
ADC
QT Input Channel

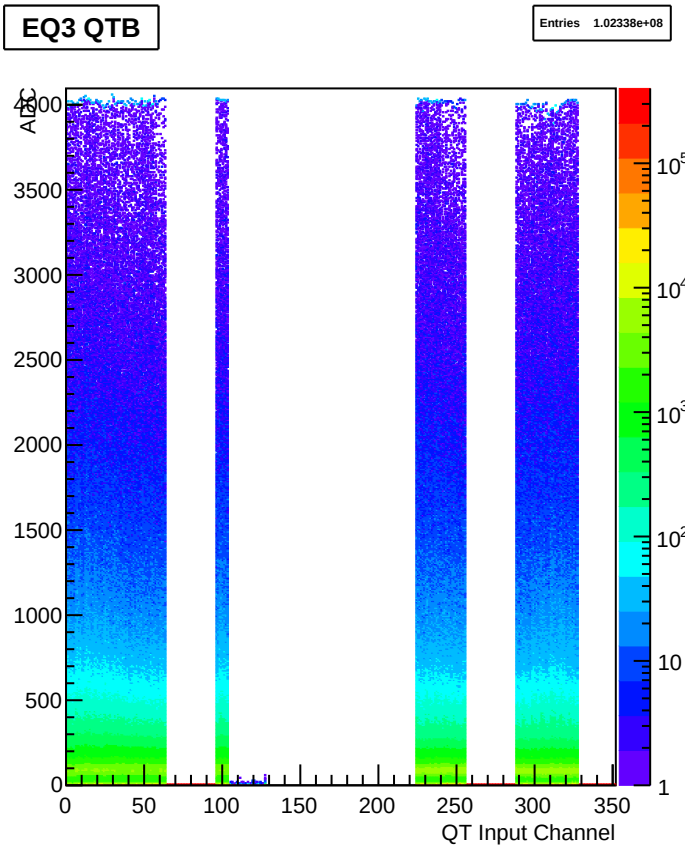

EQ1 QTC
Entries 3.837677e+07
TADC
QT Input Channel

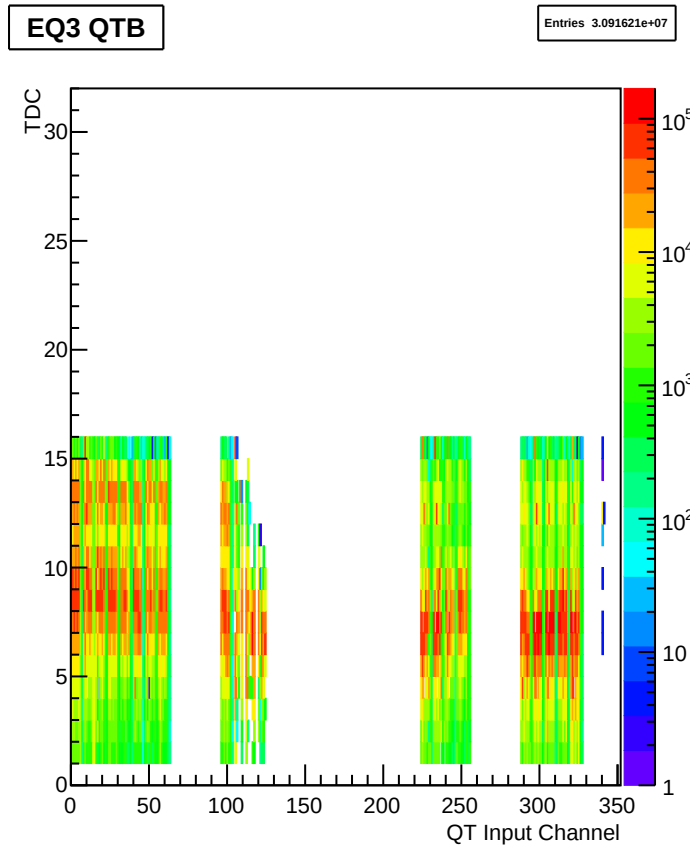

EQ2 QTB
Entries 1.151303e+08
ADC
QT Input Channel

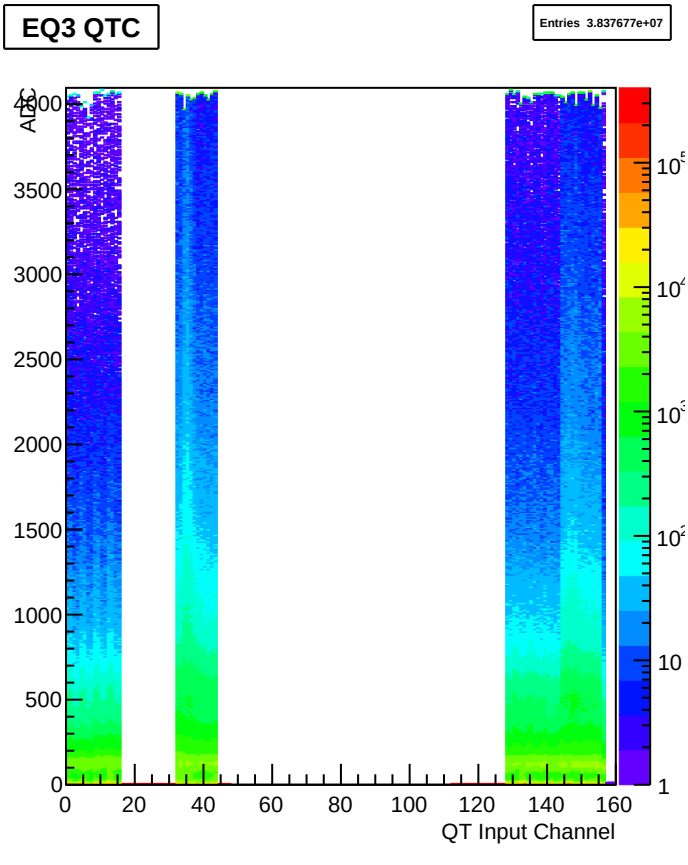

EQ2 QTB
Entries 3.026814e+07
TDC
QT Input Channel

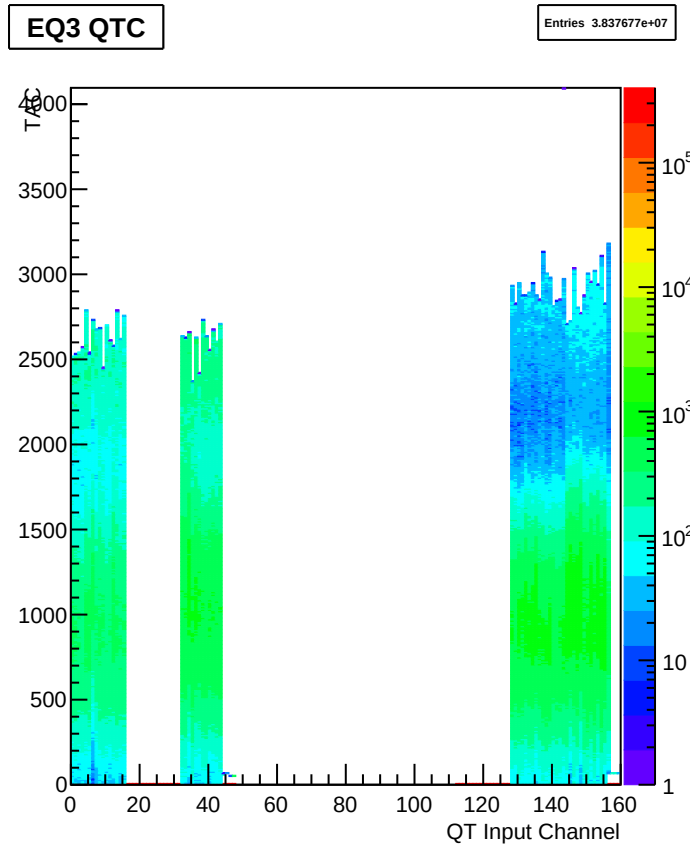

EQ2 QTC
Entries 3.837677e+07
ADC
QT Input Channel

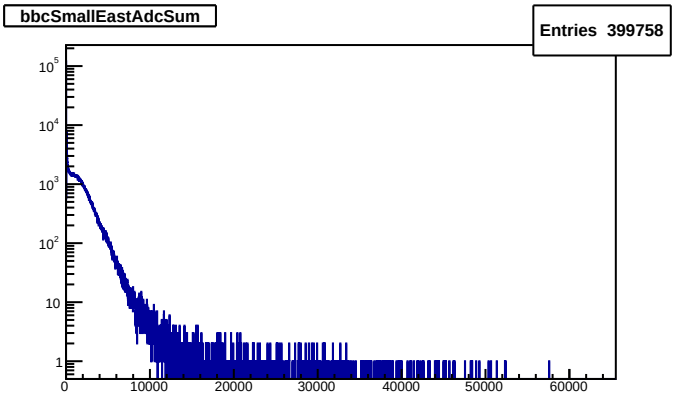

EQ2 QTC
Entries 3.837677e+07
TADC
QT Input Channel

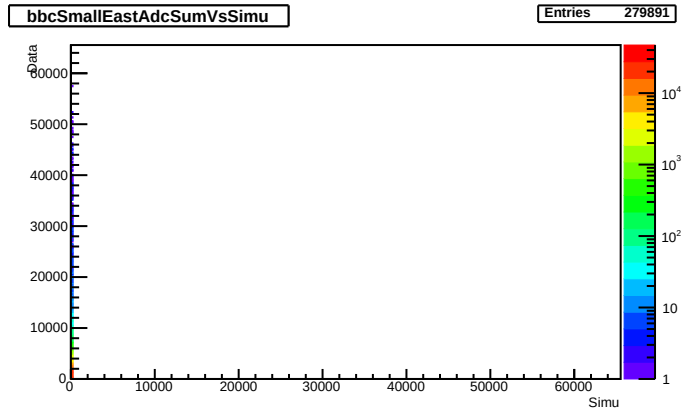

EQ3 QTB
Entries 1.02338e+08
ADC
QT Input Channel

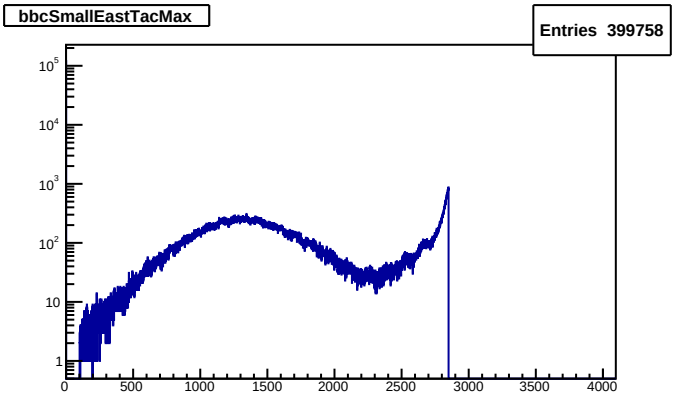

EQ3 QTB
Entries 3.091621e+07
TDC
QT Input Channel

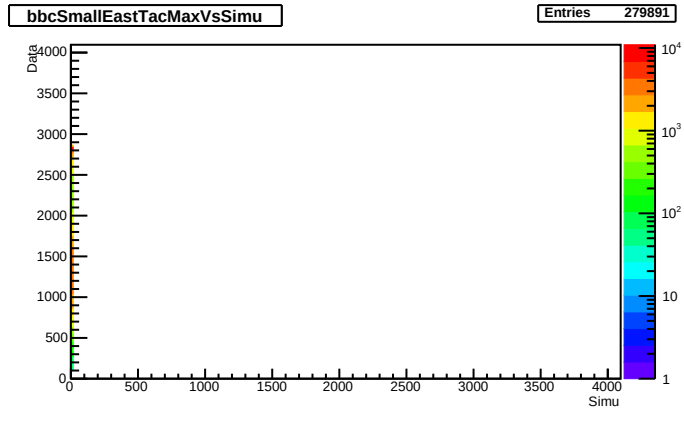

EQ3 QTC
Entries 3.837677e+07
ADC
QT Input Channel

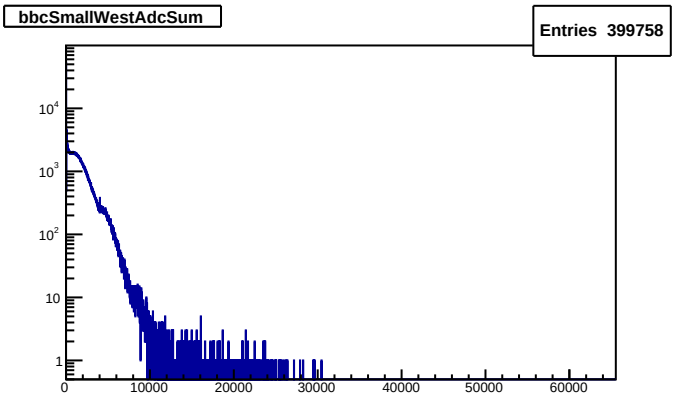

EQ3 QTC
Entries 3.837677e+07
TADC
QT Input Channel

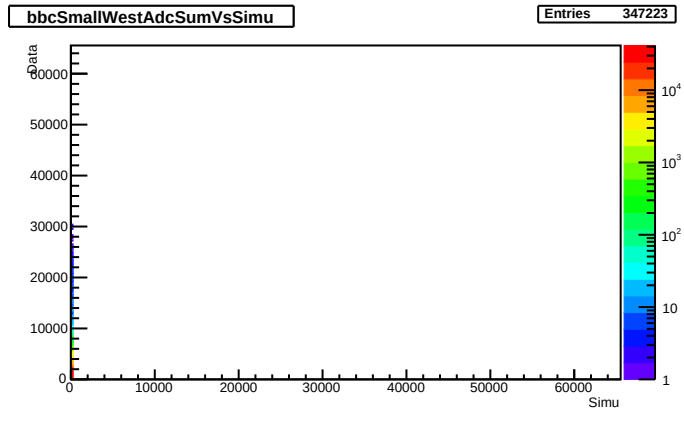

bbcSmallEastAdcSum
Entries 399758

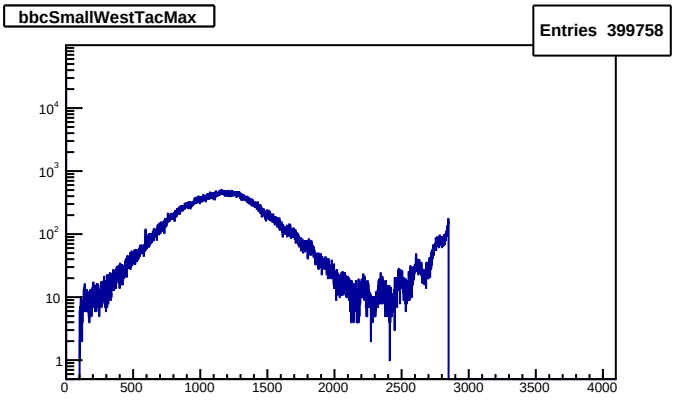

bbcSmallEastAdcSumVsSimu
Entries 279891
Data
Simu

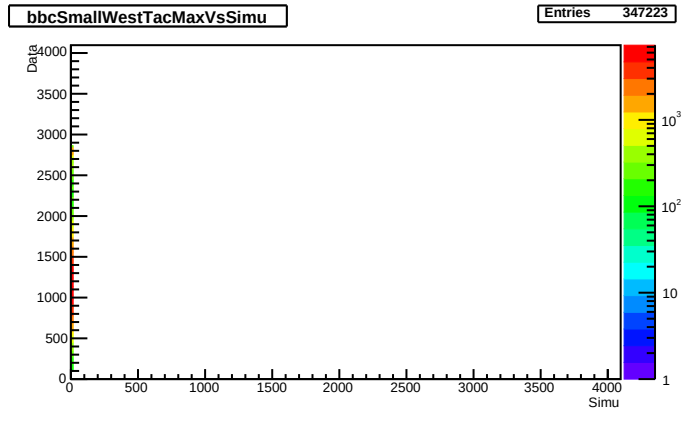

bbcSmallEastTacMax
Entries 399758

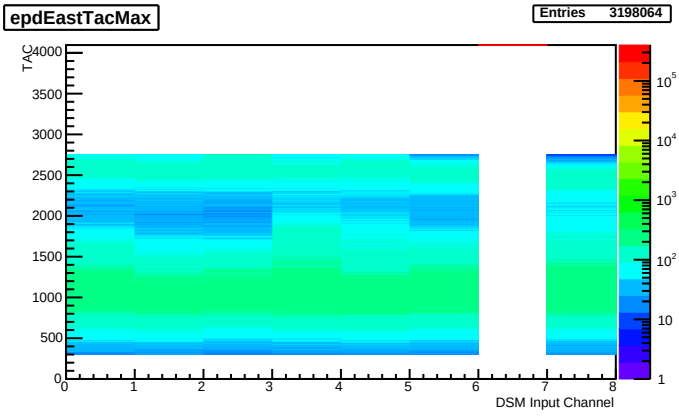

bbcSmallEastTacMaxVsSimu
Entries 279891
Data
Simu

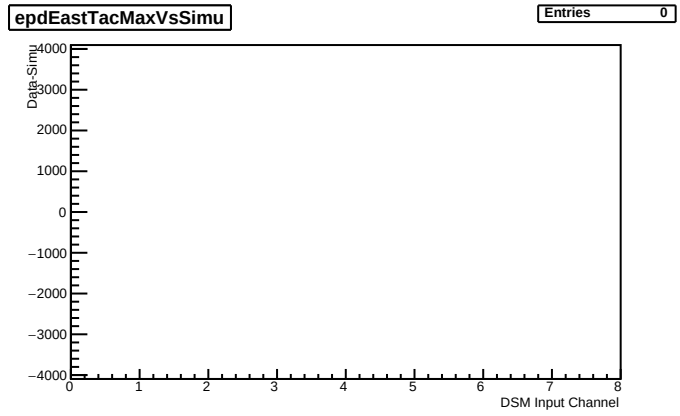

bbcSmallWestAdcSum
Entries 399758

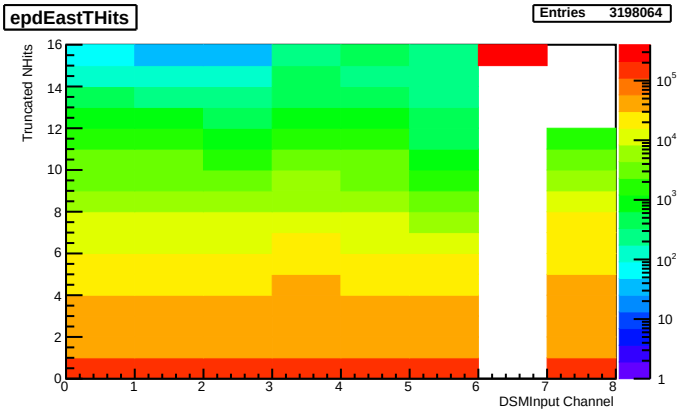

bbcSmallWestAdcSumVsSimu
Entries 347223
Data
Simu

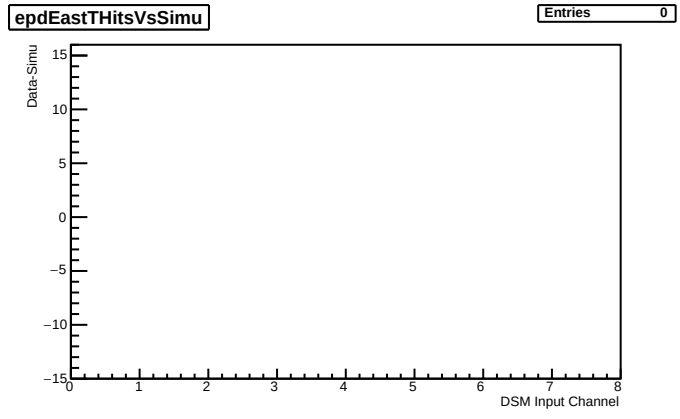

bbcSmallWestTacMax
Entries 399758

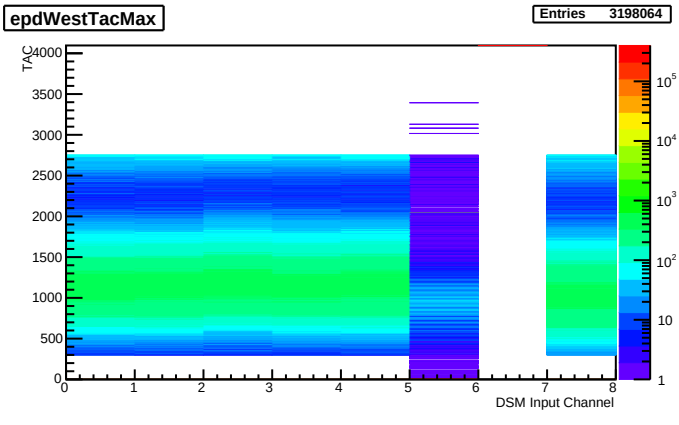

bbcSmallWestTacMaxVsSimu
Entries 347223
Data
Simu

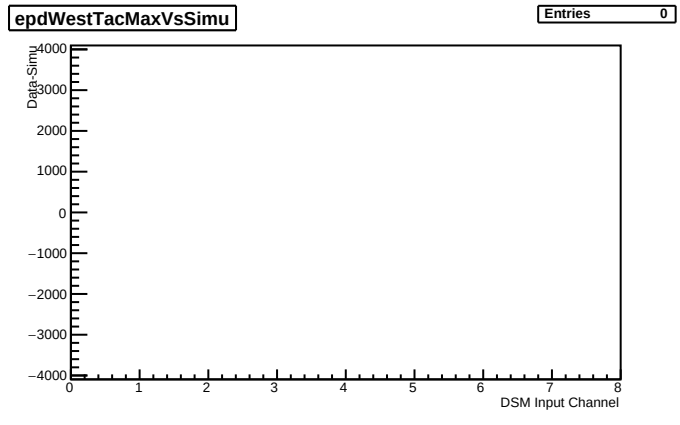

epdEastTacMax
Entries 3198064
TAC
DSM Input Channel

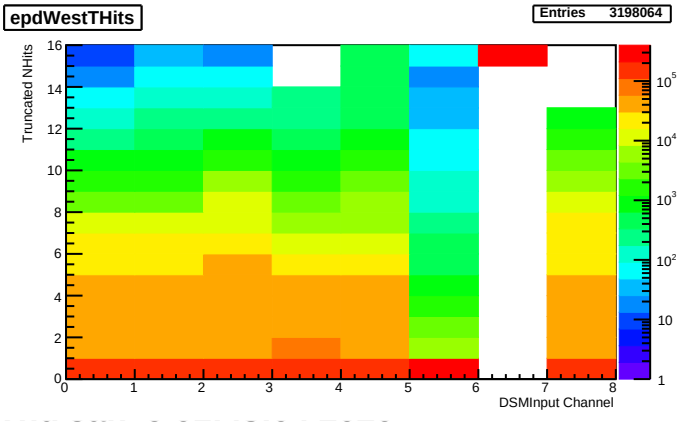

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

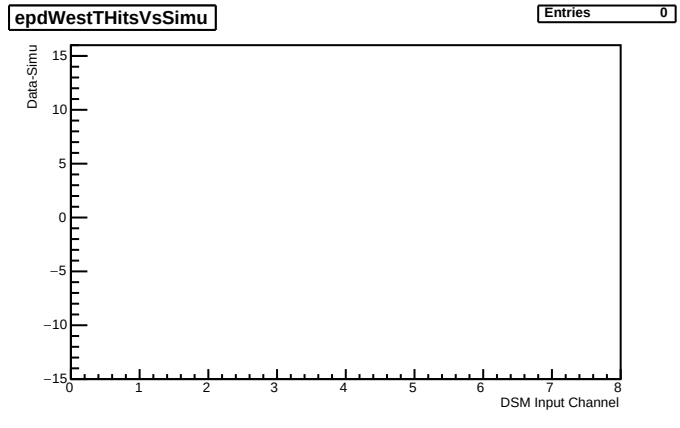

epdEastTHits
Entries 3198064
Truncated NHits
DSMInput Channel

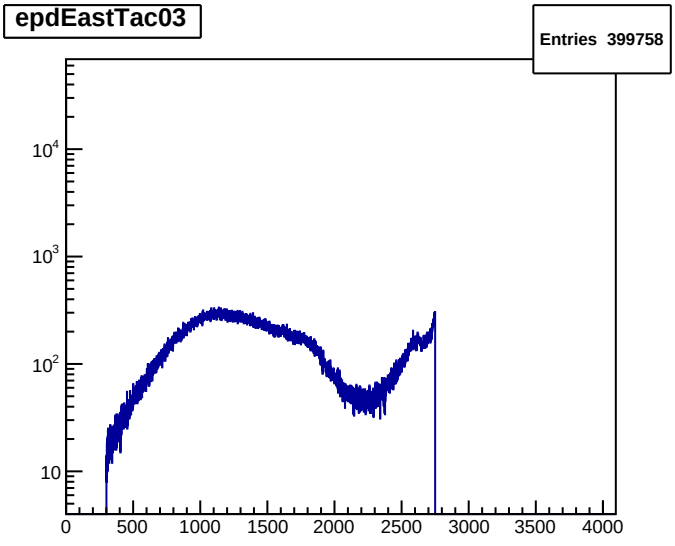

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

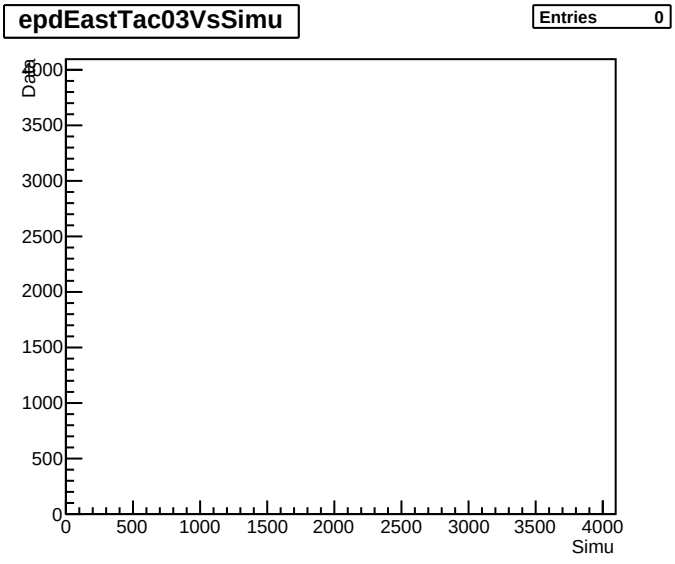

epdWestTacMax
Entries 3198064
TAC
DSM Input Channel

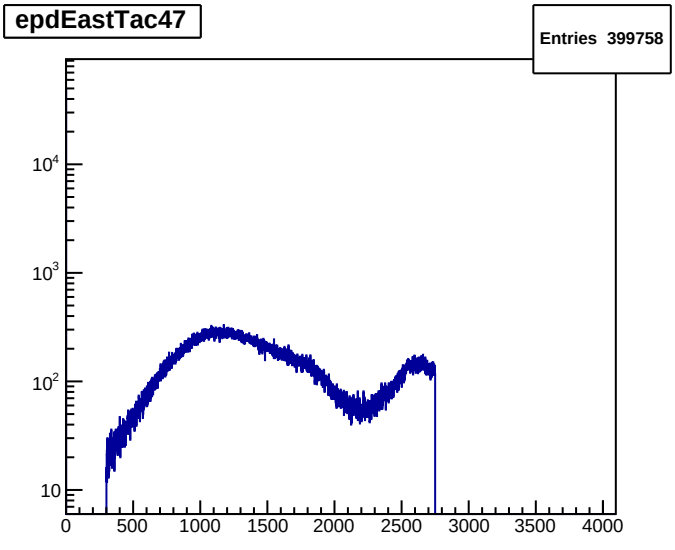

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

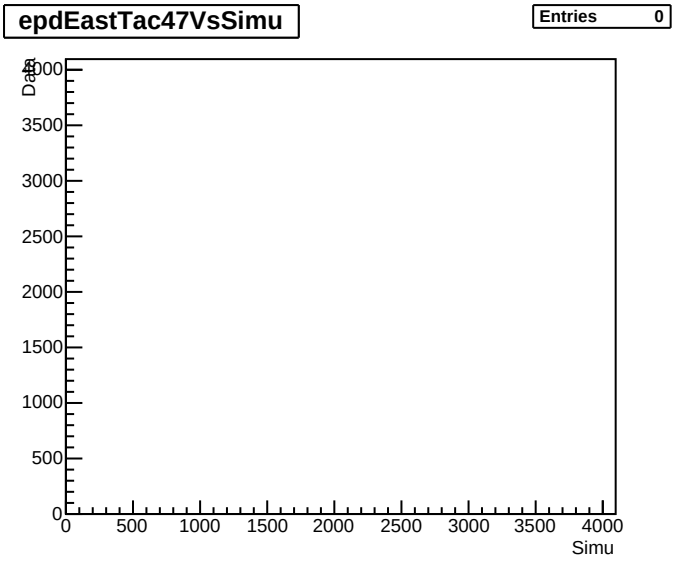

epdWestTHits
Entries 3198064
Truncated NHits
DSMInput Channel

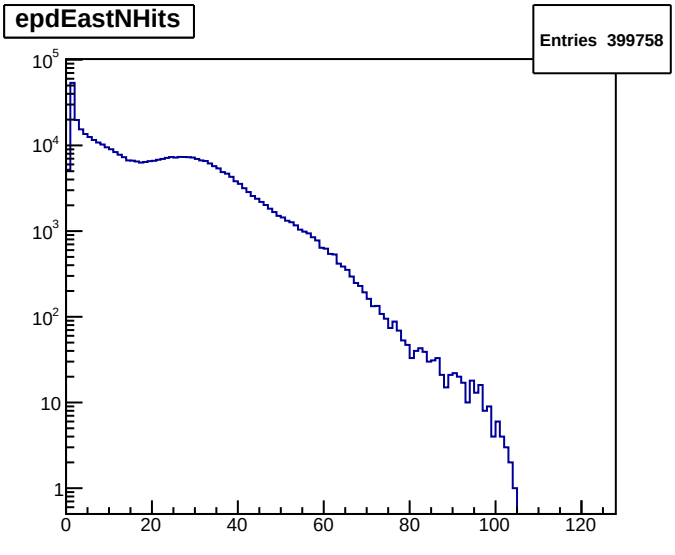

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

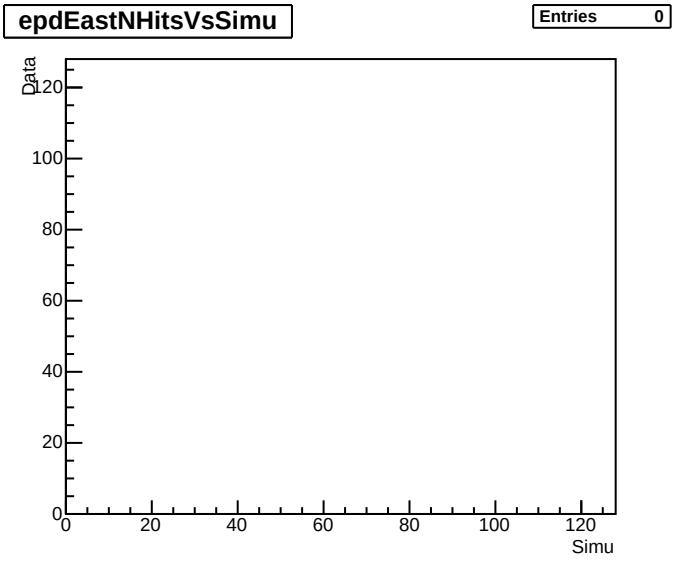

epdEastTac03
Entries 399758

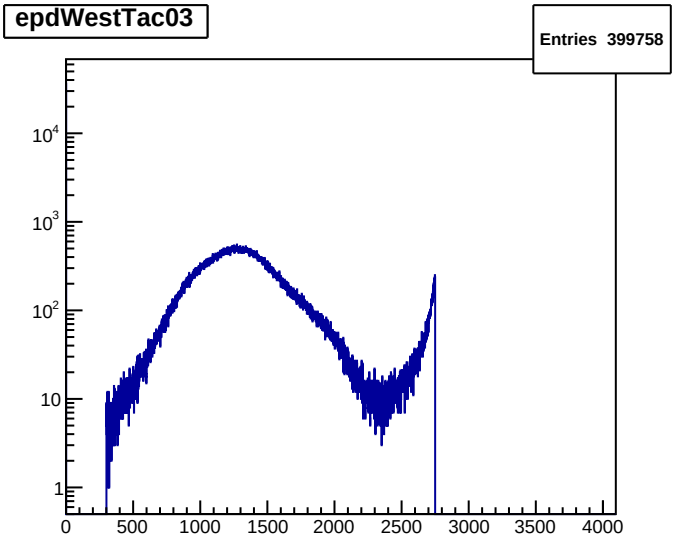

epdEastTac03VsSimu
Entries 0
Data
Simu

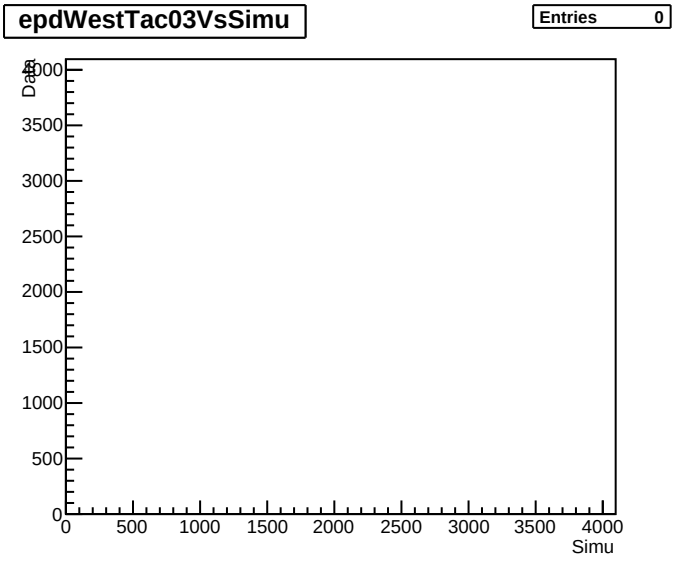

epdEastTac47
Entries 399758

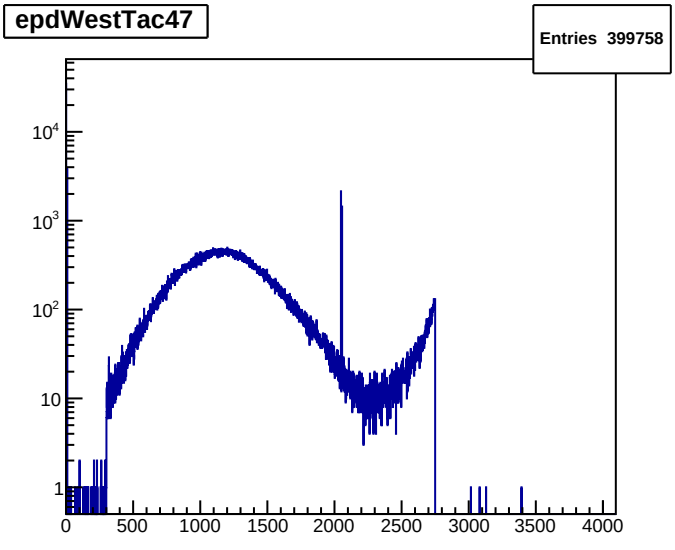

epdEastTac47VsSimu
Entries 0
Data
Simu

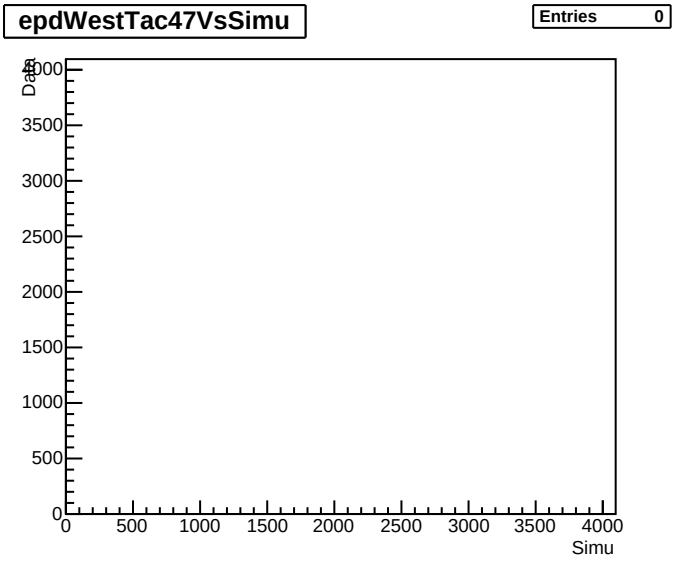

epdEastNHits
Entries 399758

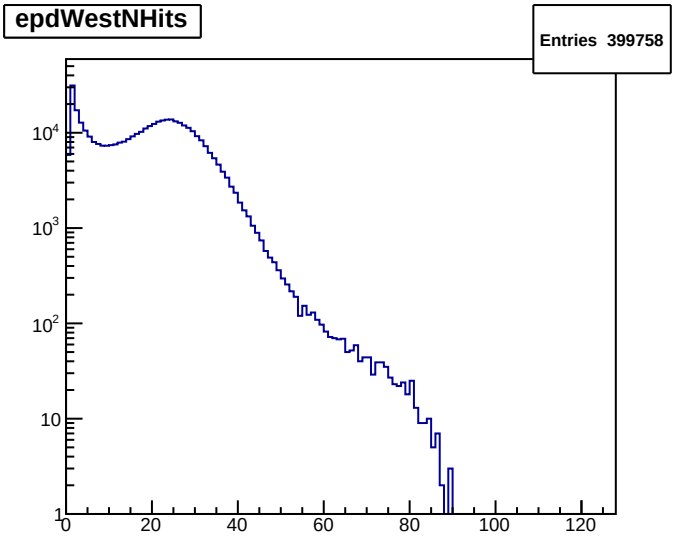

epdEastNHitsVsSimu
Entries 0
Data
Simu

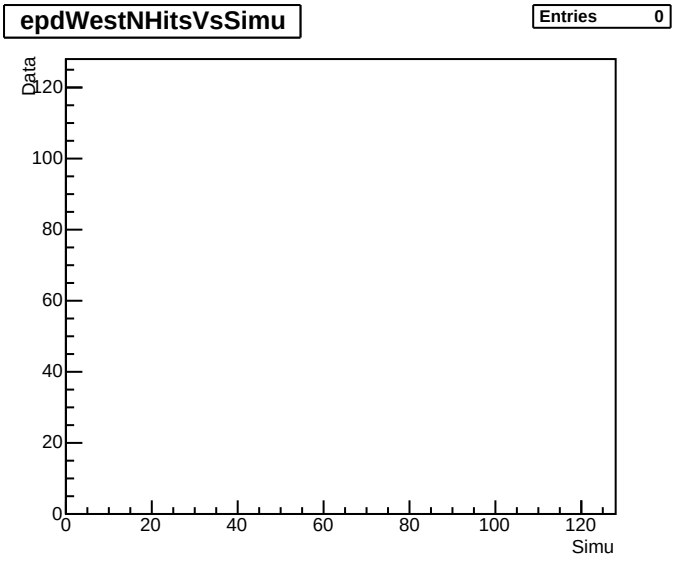

epdWestTac03
Entries 399758

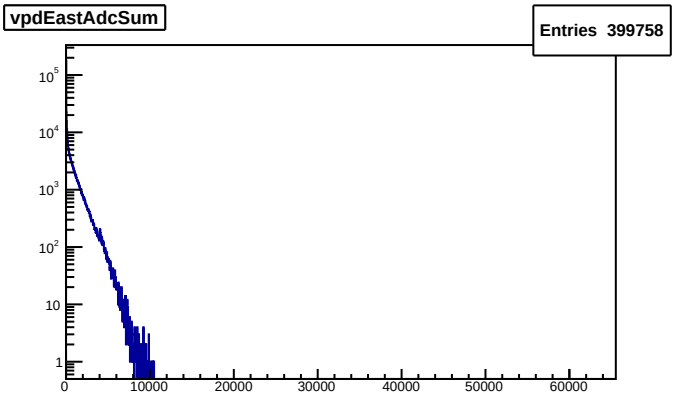

epdWestTac03VsSimu
Entries 0
Data
Simu

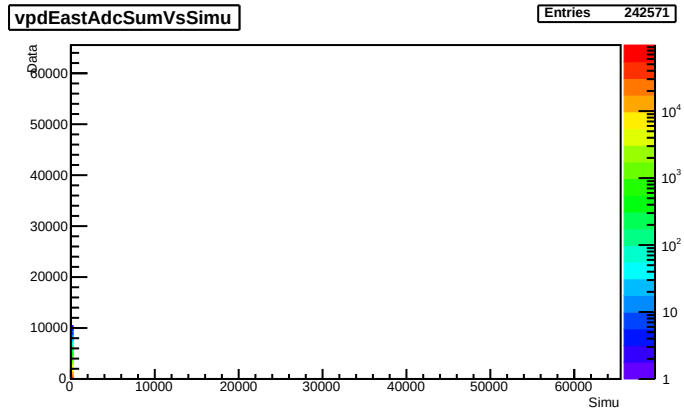

epdWestTac47
Entries 399758

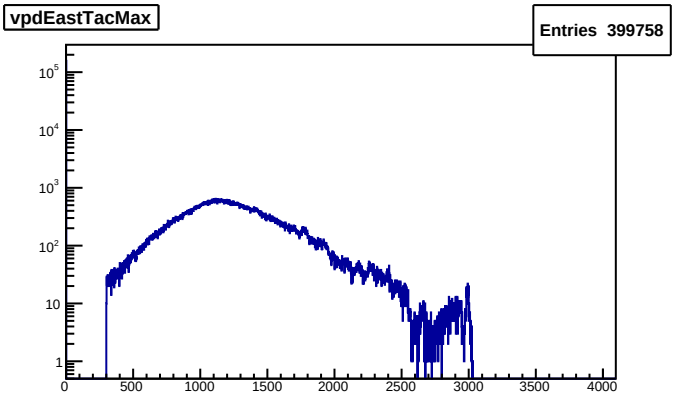

epdWestTac47VsSimu
Entries 0
Data
Simu

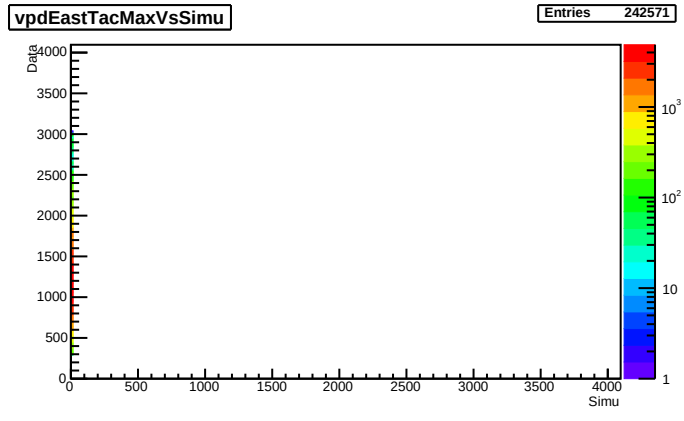

epdWestNHits
Entries 399758

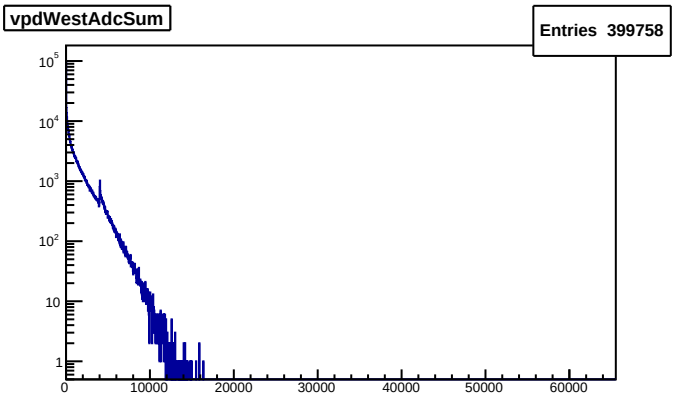

epdWestNHitsVsSimu
Entries 0
Data
Simu

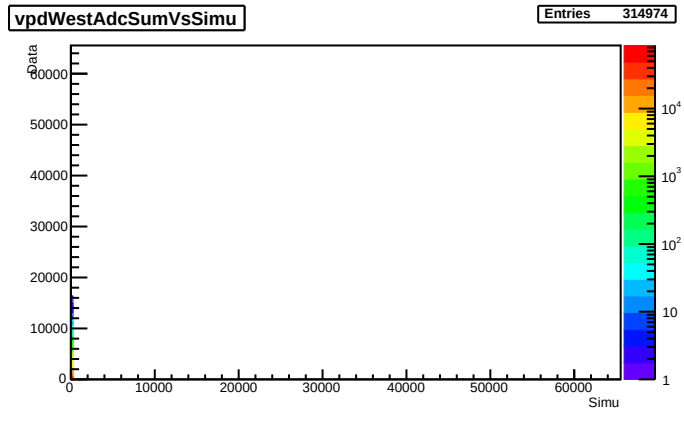

vpdEastAdcSum
Entries 399758

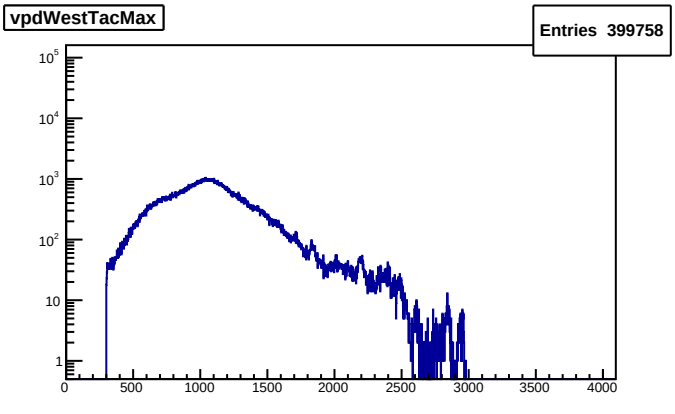

vpdEastAdcSumVsSimu
Entries 242571
Data
Simu

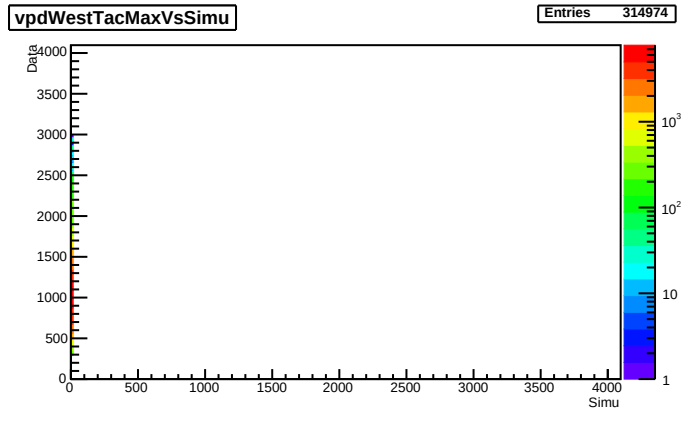

vpdEastTacMax
Entries 399758

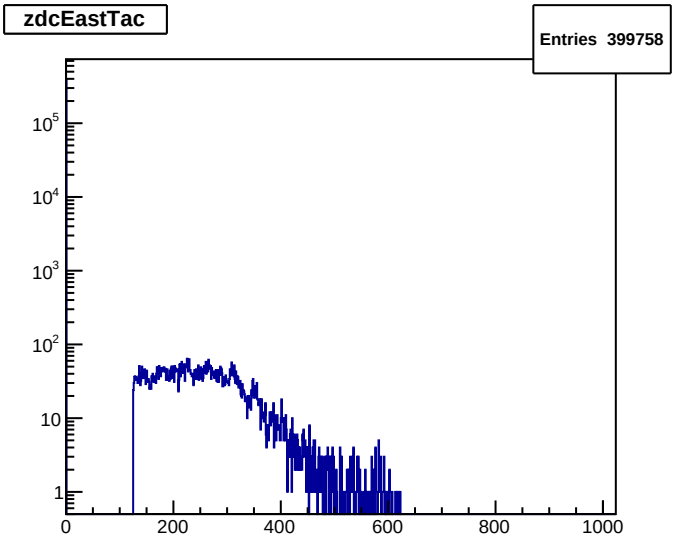

vpdEastTacMaxVsSimu
Entries 242571
Data
Simu

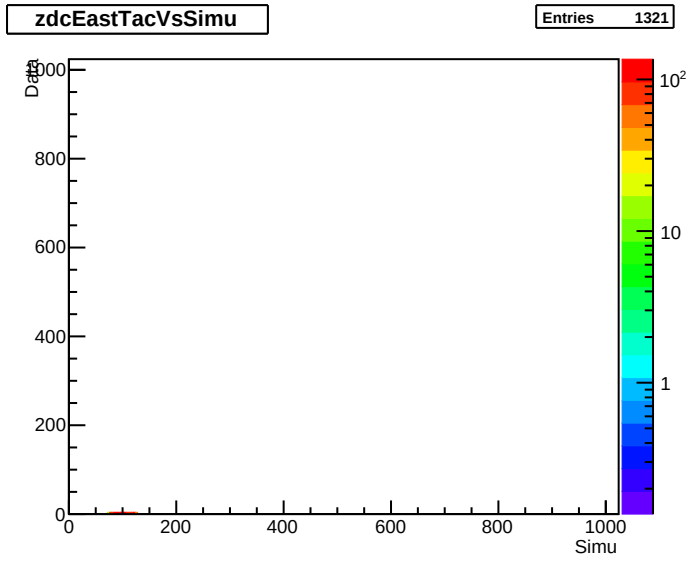

vpdWestAdcSum
Entries 399758

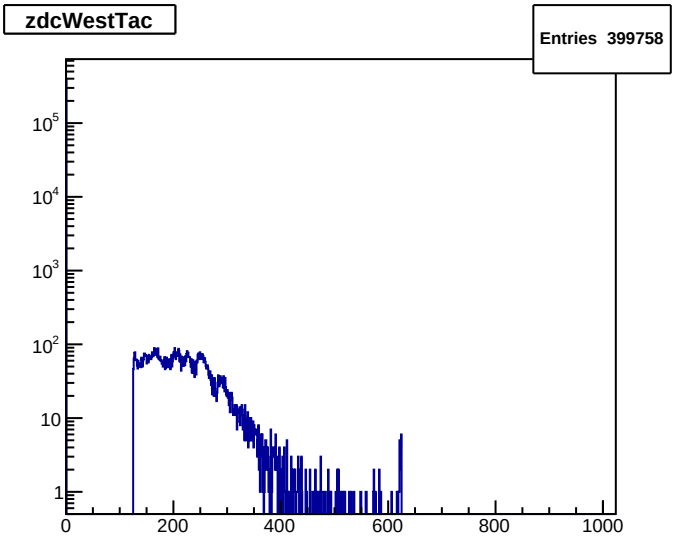

vpdWestAdcSumVsSimu
Entries 314974
Data
Simu

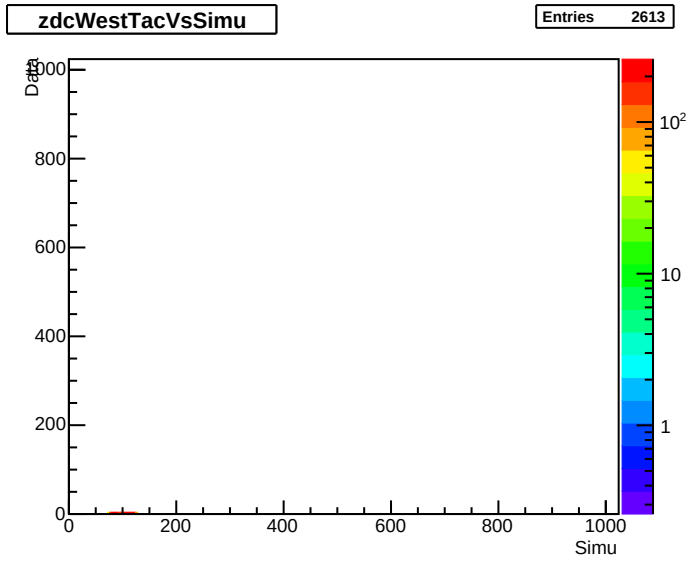

vpdWestTacMax
Entries 399758

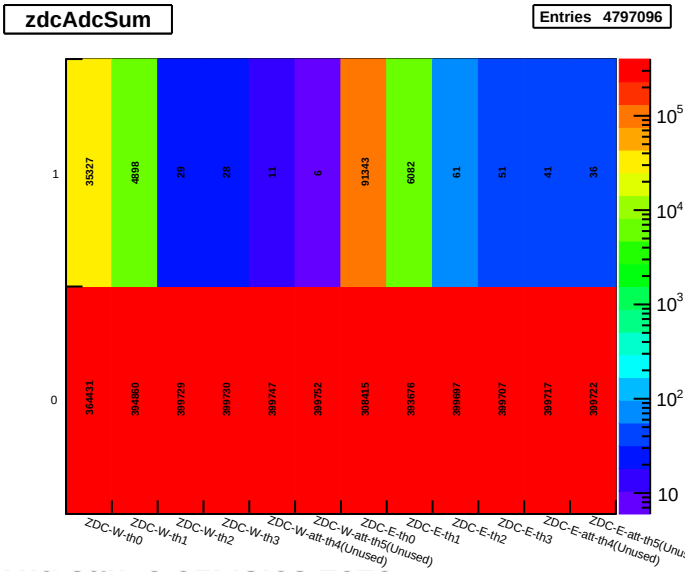

vpdWestTacMaxVsSimu
Entries 314974
Data
Simu

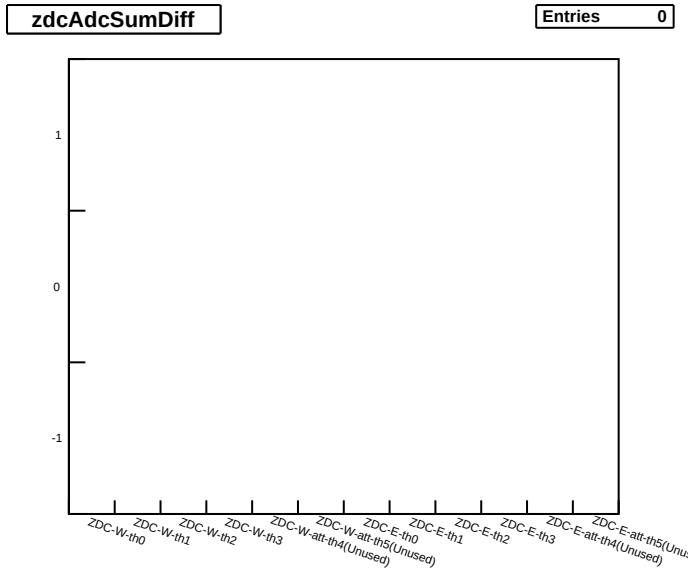

zdcEastTac
Entries 399758

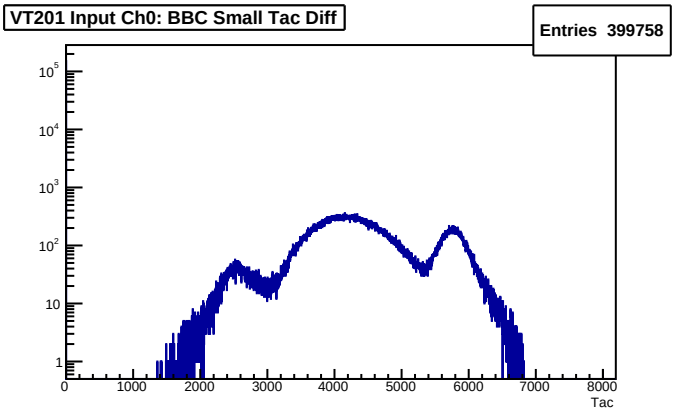

zdcEastTacVsSimu
Entries 1321
Data
Simu

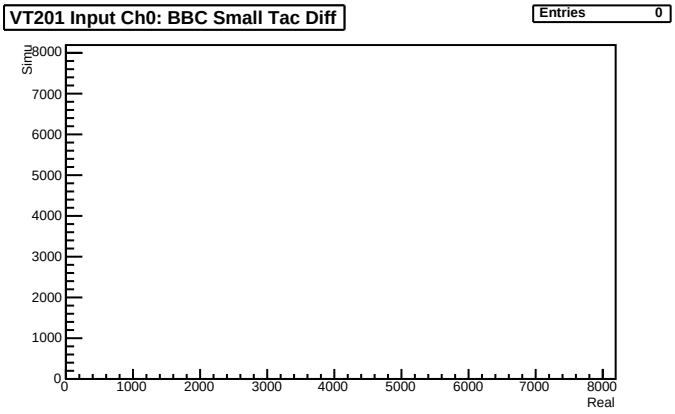

zdcWestTac
Entries 399758

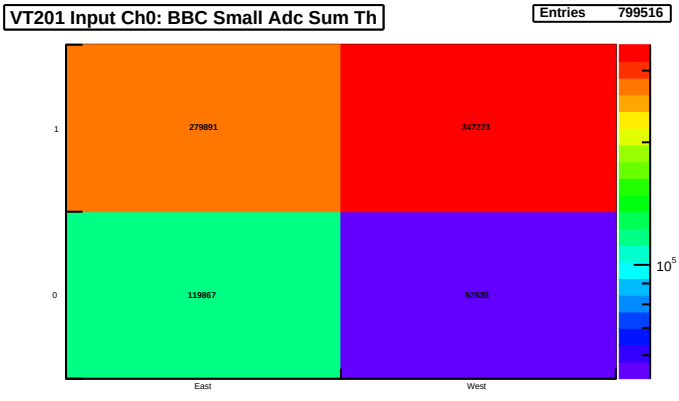

zdcWestTacVsSimu
Entries 2613
Data
Simu

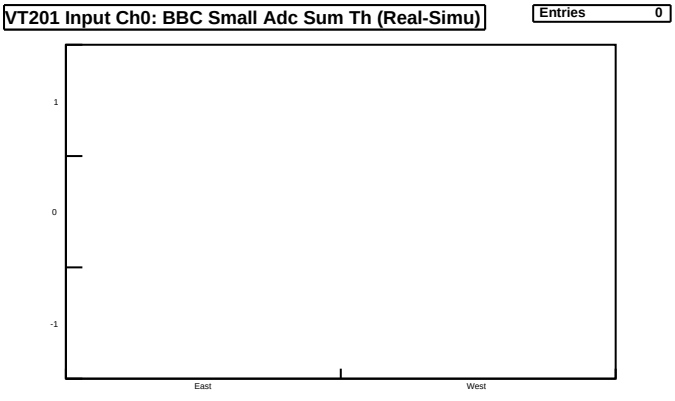

zdcAdcSum
Entries 4797096
35327
4898
29
28
11
6
91343
6082
61
51
41
36
364431
394860
399729
399730
399747
399752
308415
393676
399697
399707
399717
399722
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

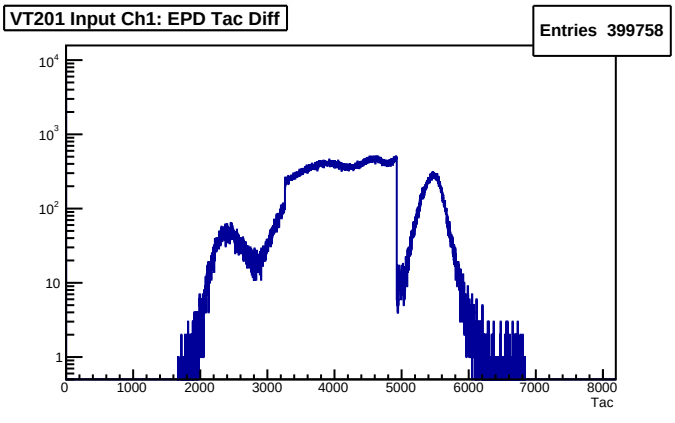

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

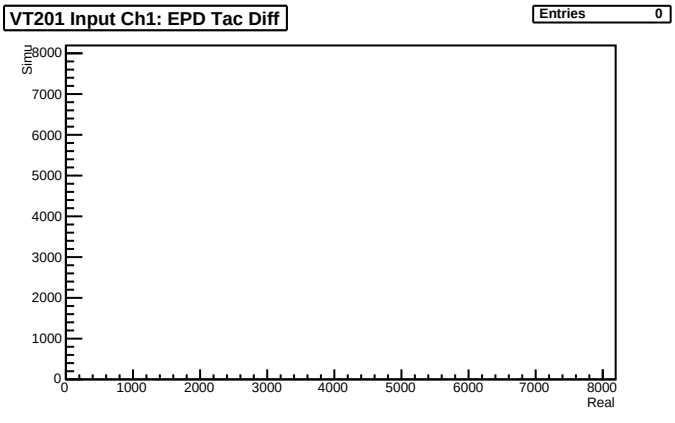

VT201 Input Ch0: BBC Small Tac Diff
Entries 399758
Tac

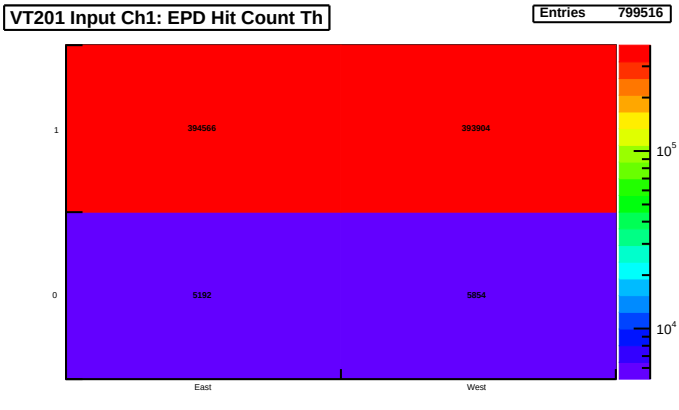

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

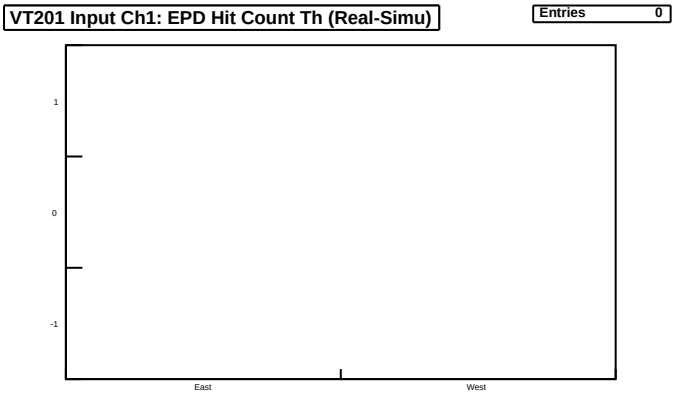

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 799516
279891
347223
119867
52535
East
West

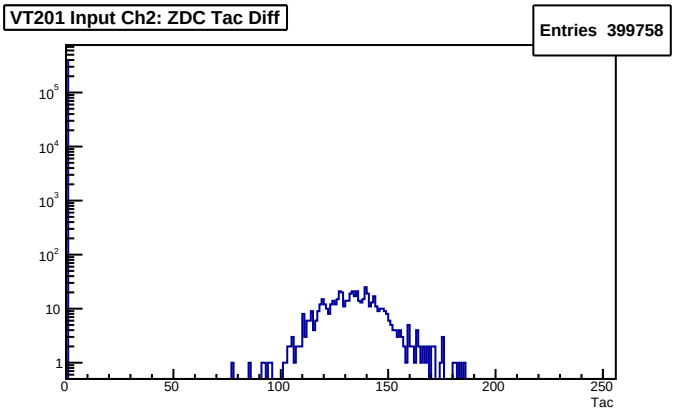

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

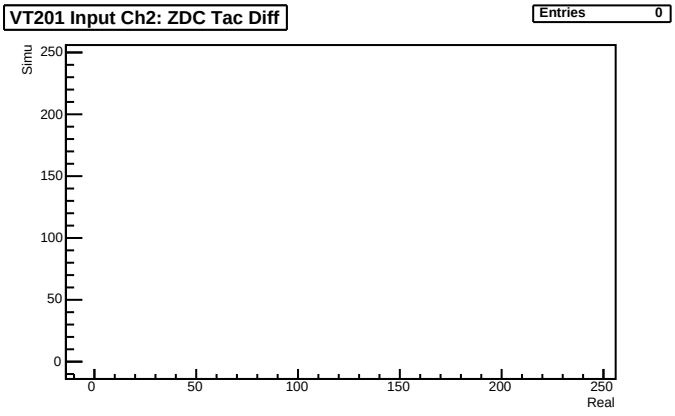

VT201 Input Ch1: EPD Tac Diff
Entries 399758
Tac

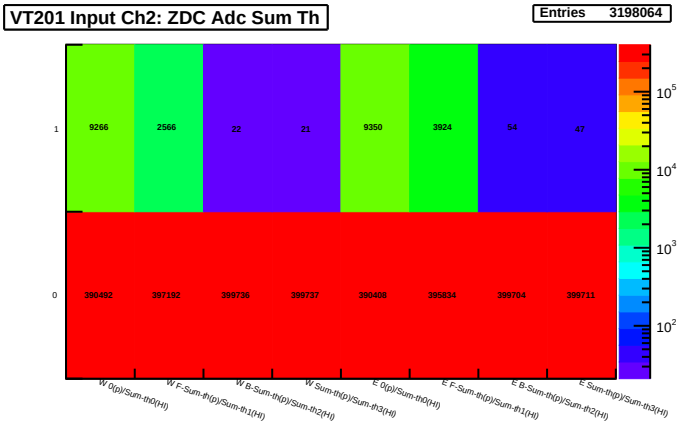

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

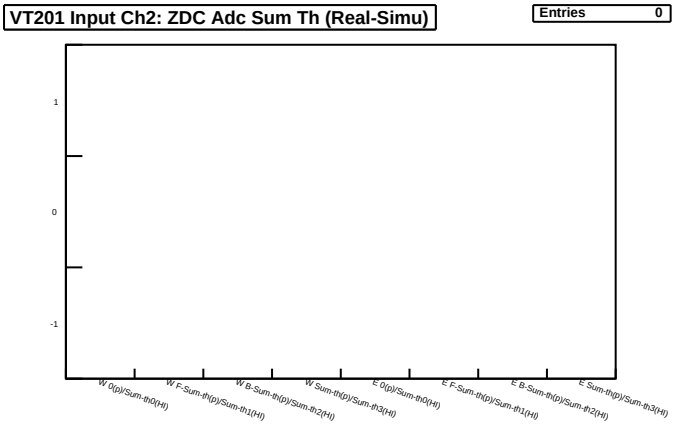

VT201 Input Ch1: EPD Hit Count Th
Entries 799516
394566
393904
5192
5854
East
West

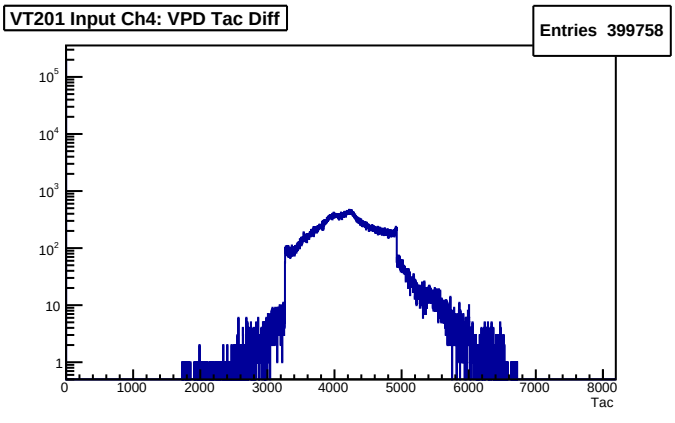

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

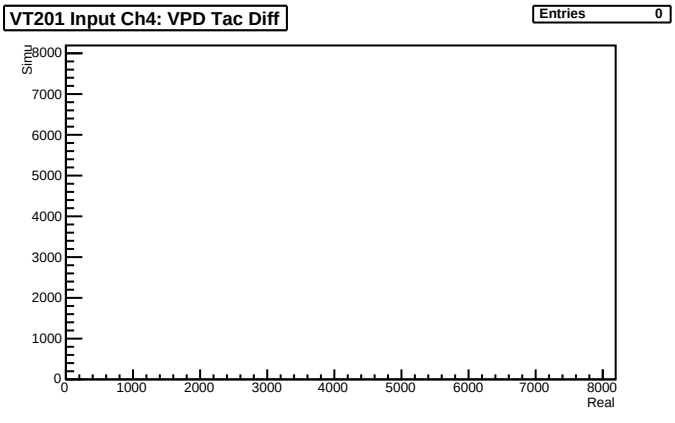

VT201 Input Ch2: ZDC Tac Diff
Entries 399758
Tac

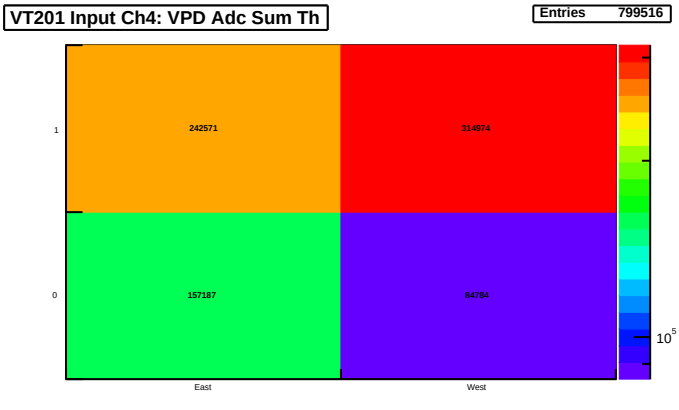

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

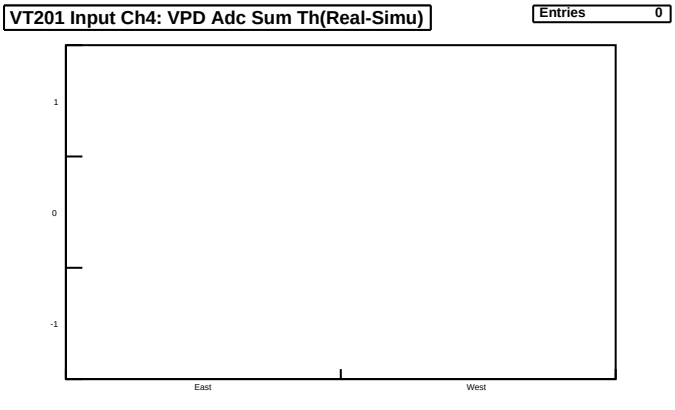

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3198064
9266
2566
22
21
9350
3924
54
47
390492
397192
399736
399737
390408
395834
399704
399711
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

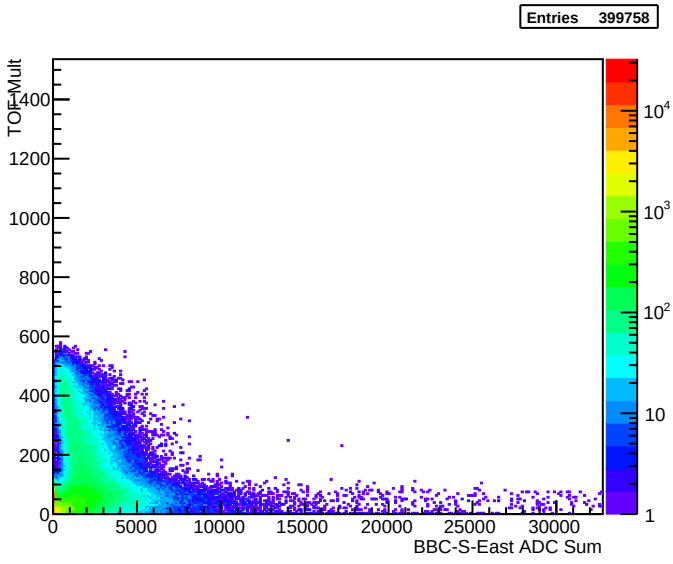

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

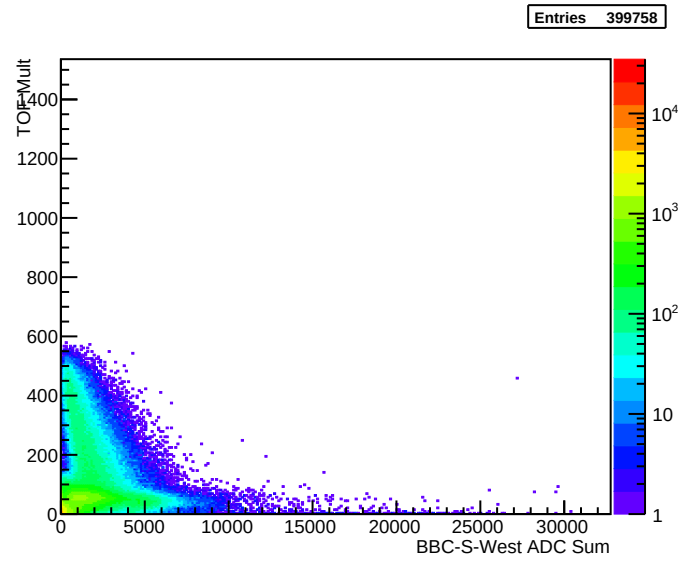

VT201 Input Ch4: VPD Tac Diff
Entries 399758
Tac

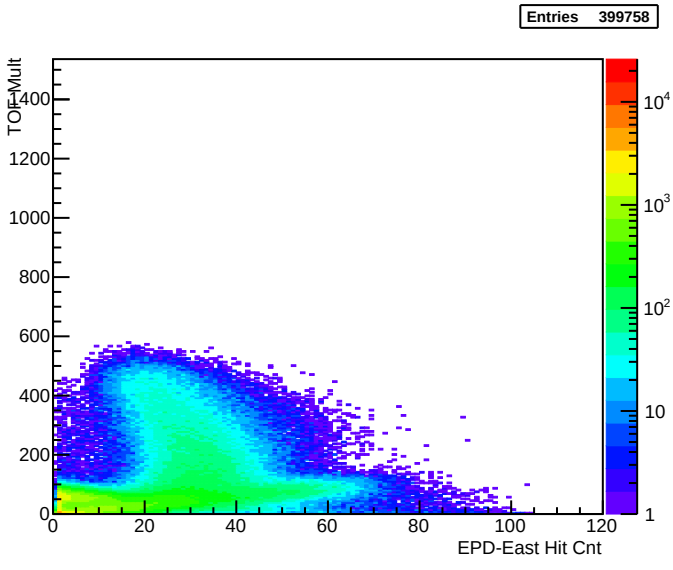

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

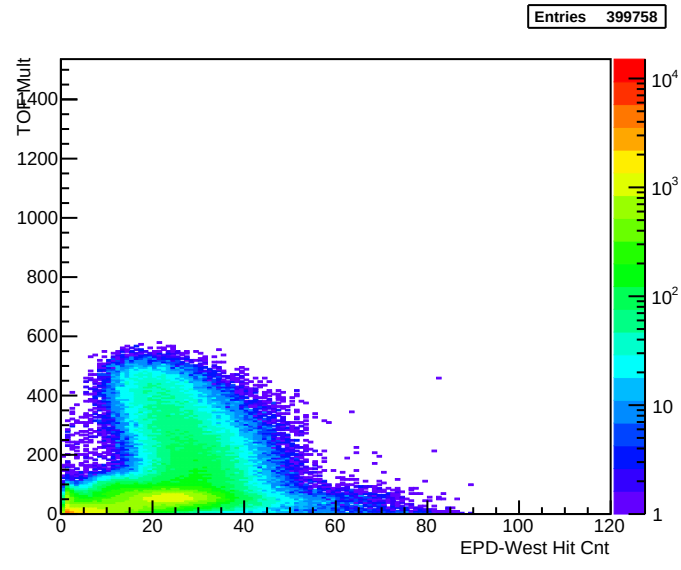

VT201 Input Ch4: VPD Adc Sum Th
Entries 799516
242571
314974
157187
84784
East
West

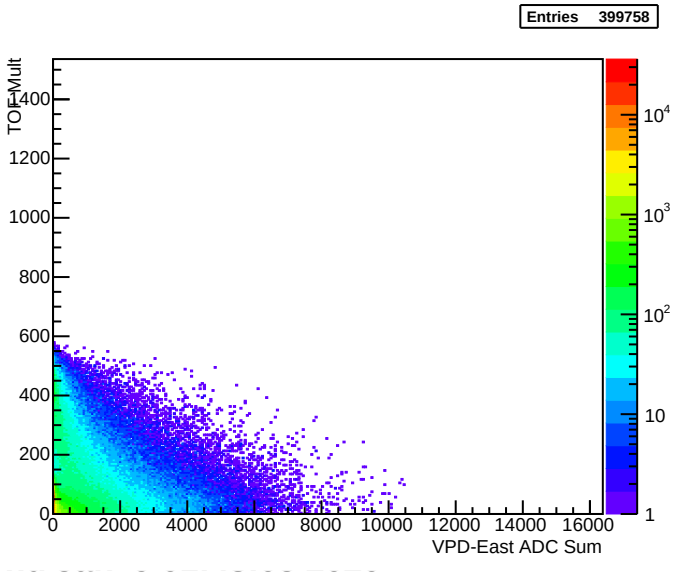

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

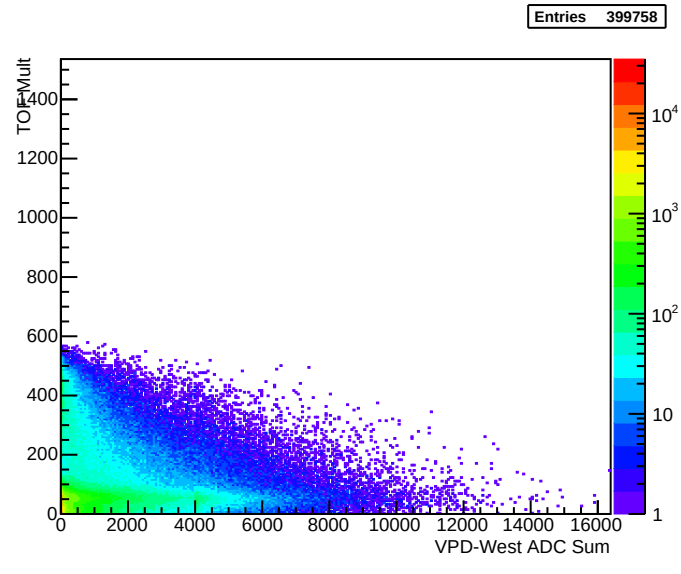

Entries 399758
TOF-Mult
BBC-S-East ADC Sum

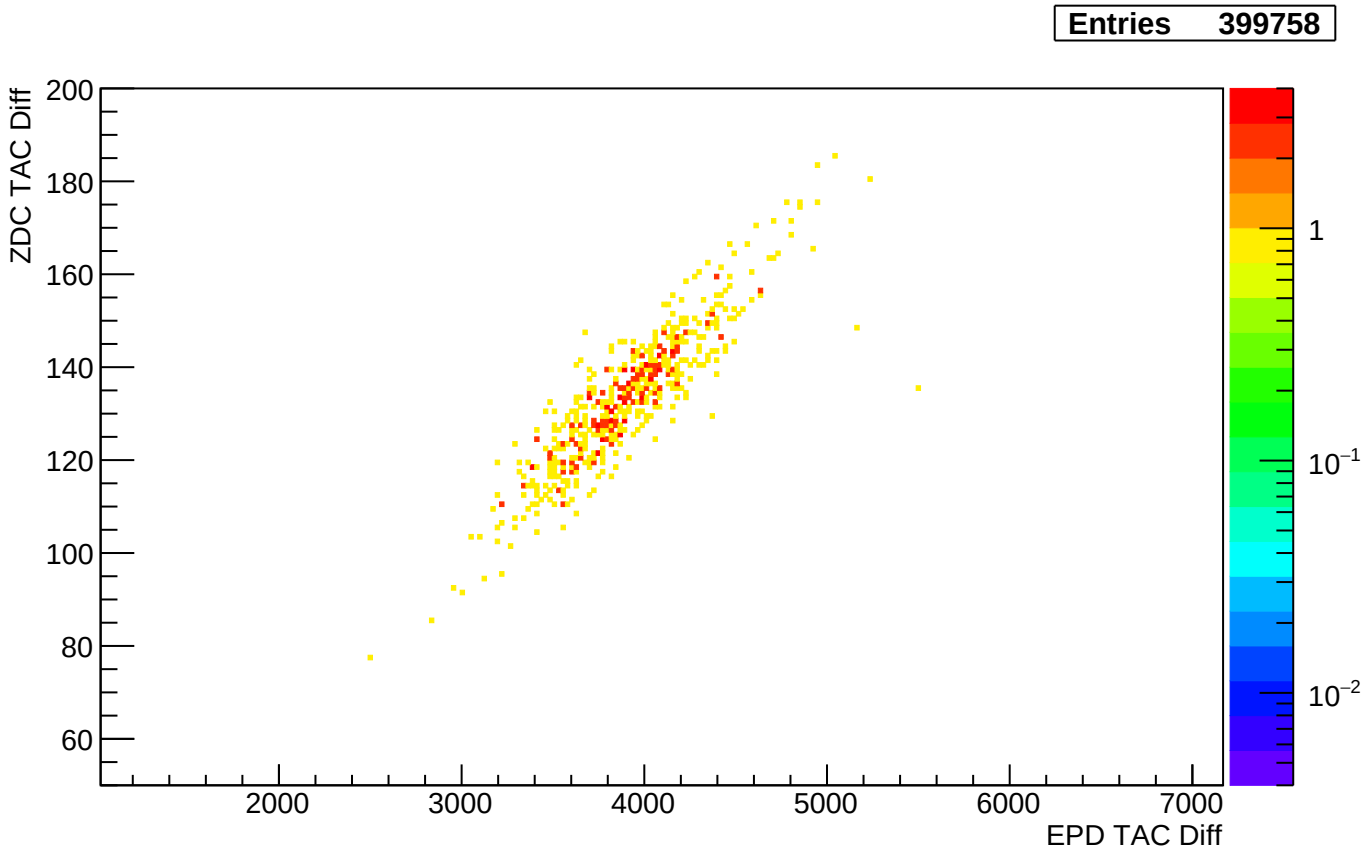

Entries 399758
TOF-Mult
BBC-S-West ADC Sum

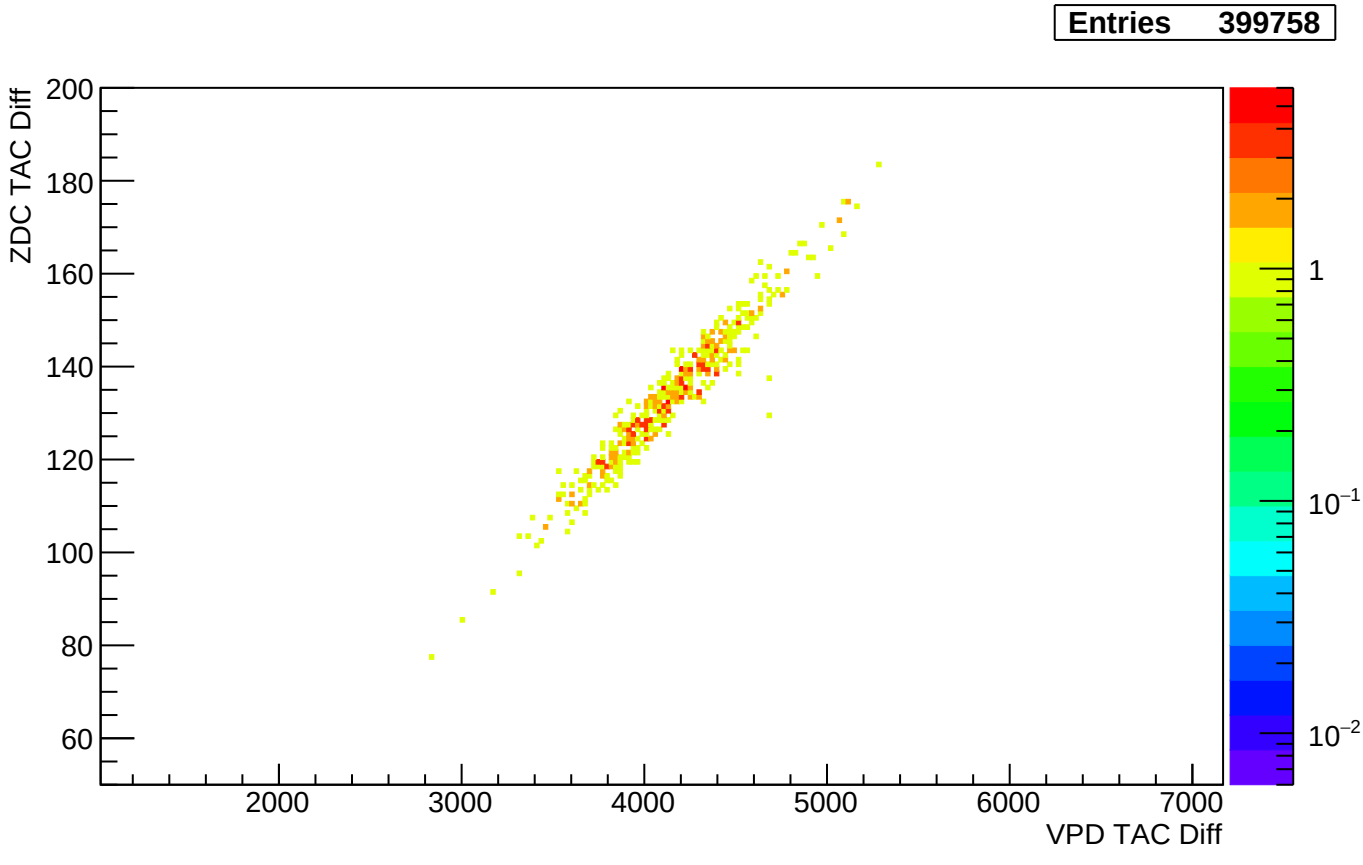

Entries 399758
TOF-Mult
EPD-East Hit Cnt

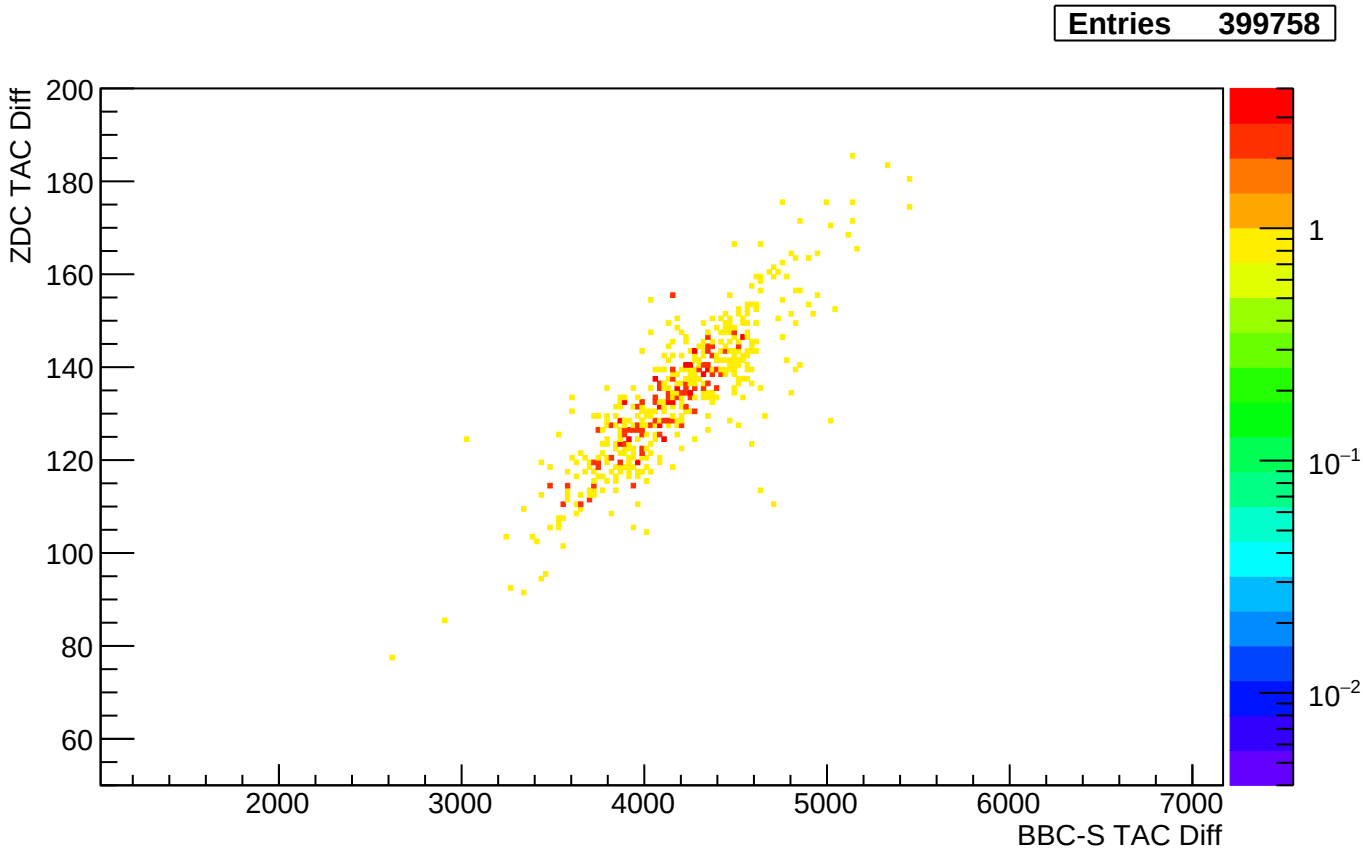

Entries 399758
TOF-Mult
EPD-West Hit Cnt

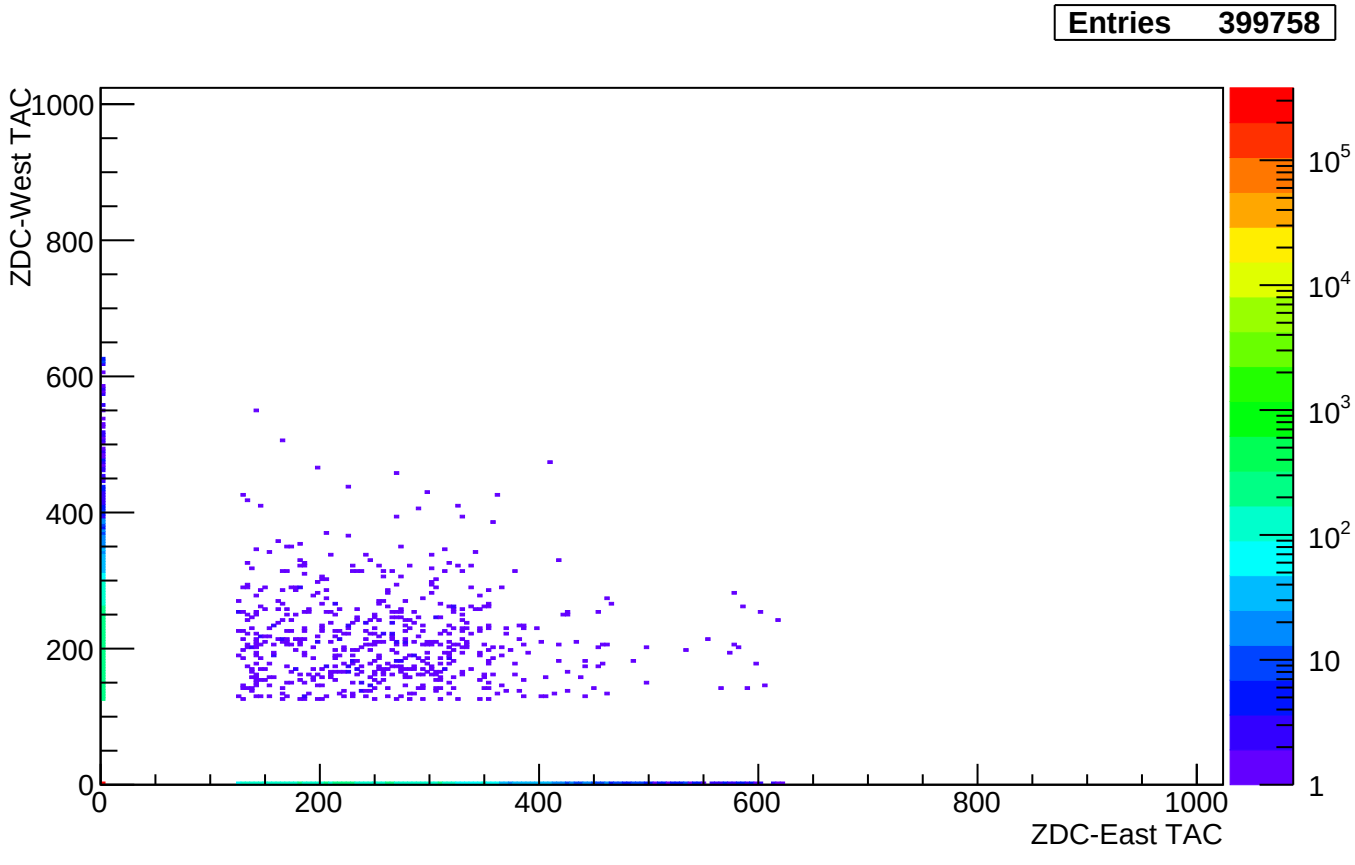

Entries 399758
TOF-Mult
VPD-East ADC Sum

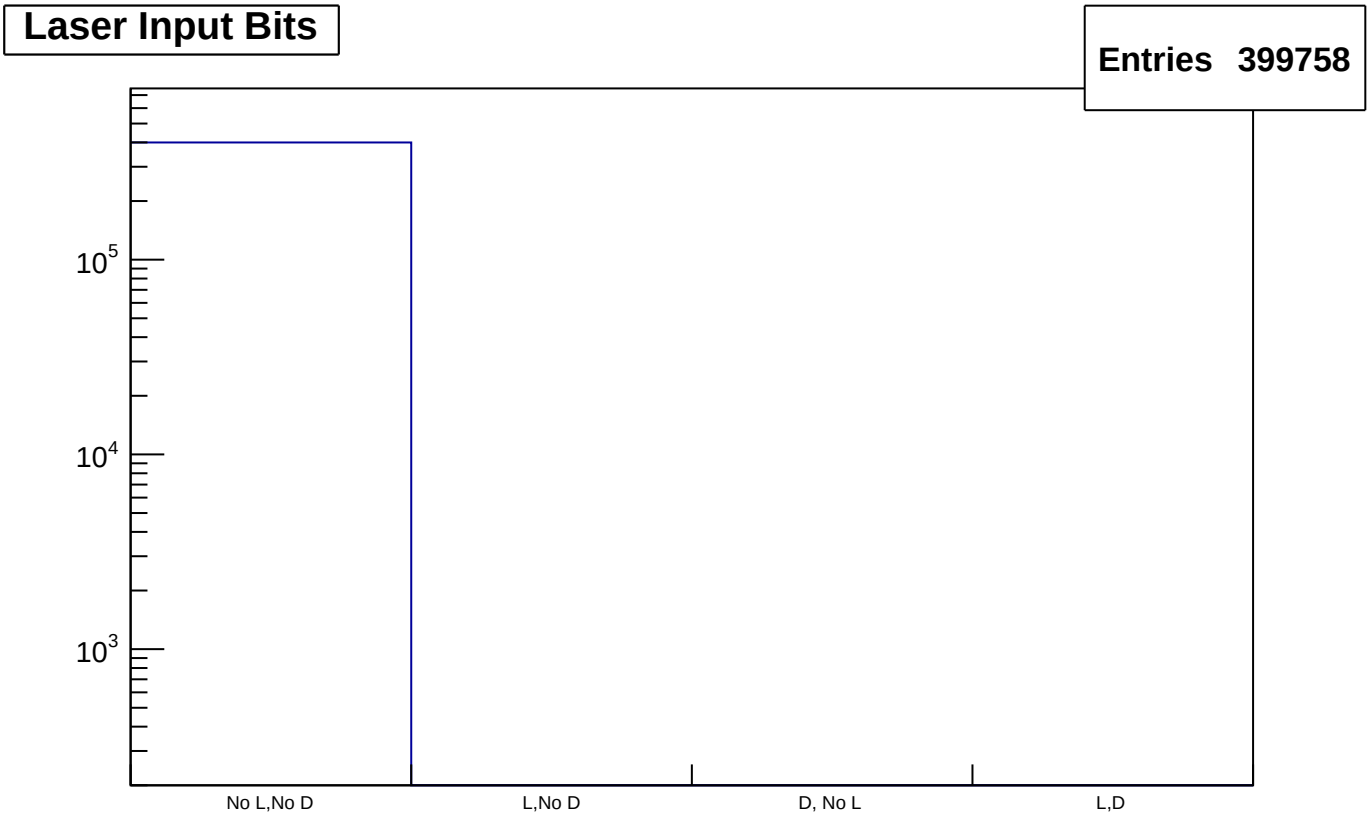

Entries 399758
TOF-Mult
VPD-West ADC Sum

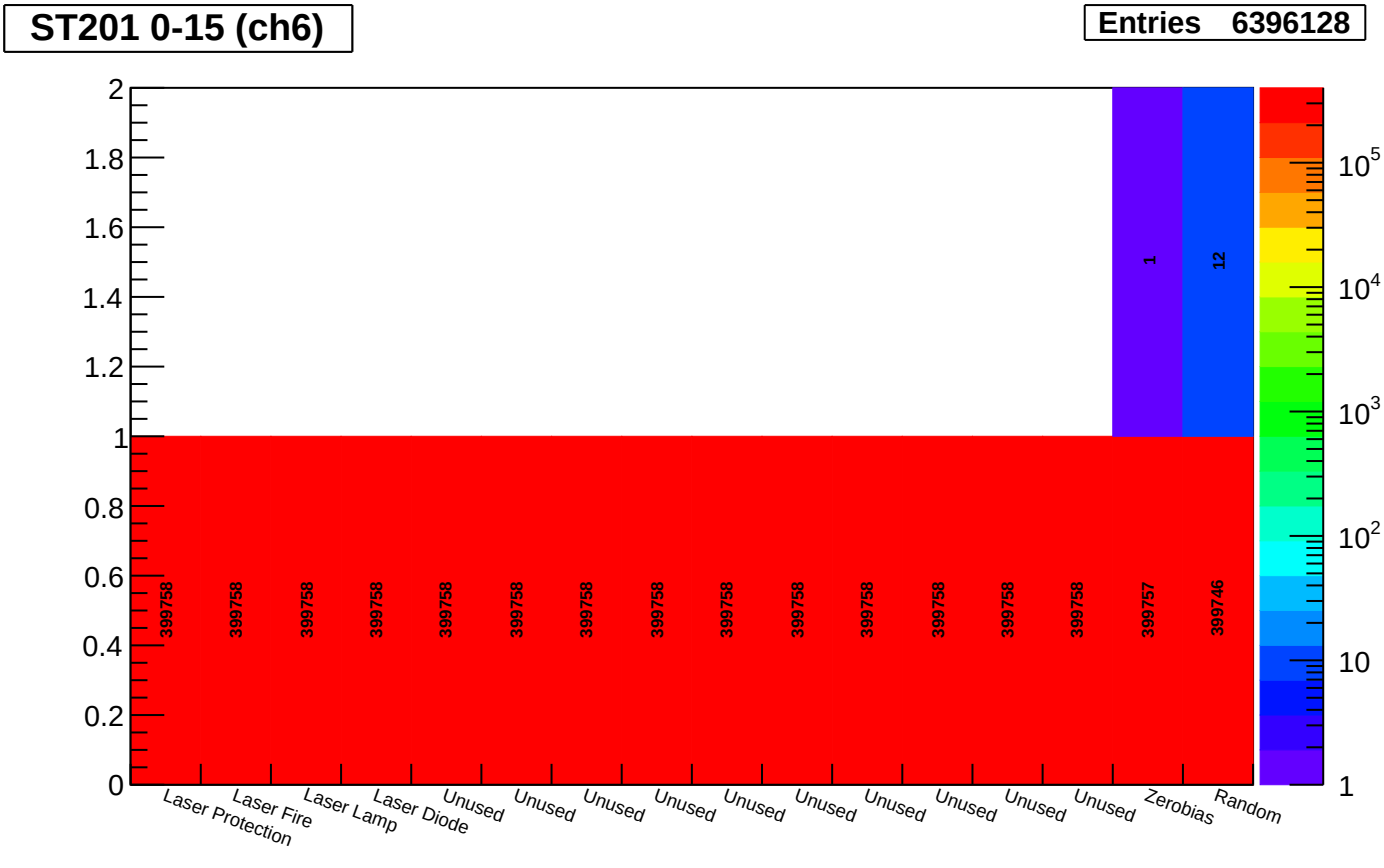

Entries 399758
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

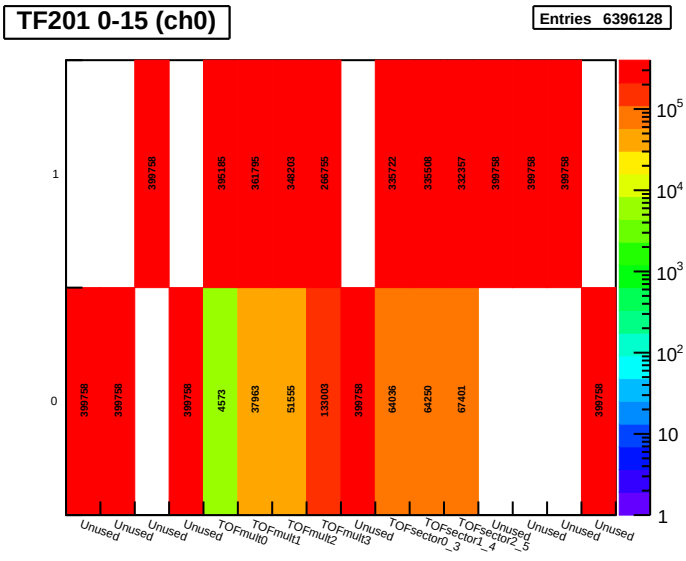

Entries 399758
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

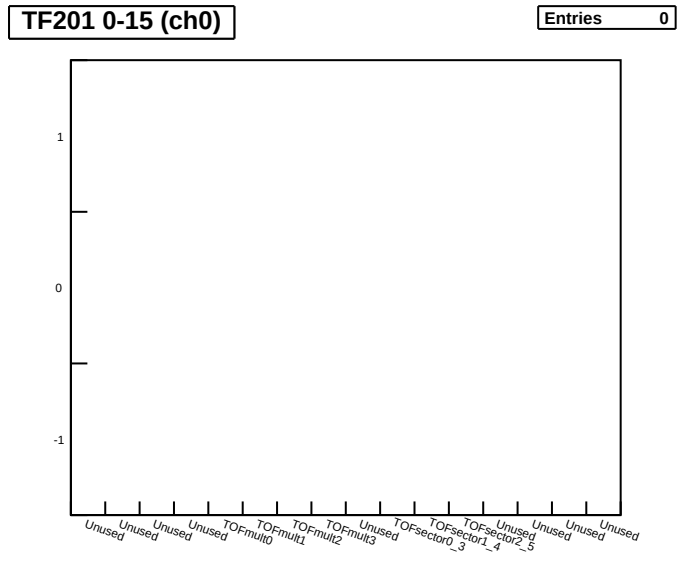

Entries 399758
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

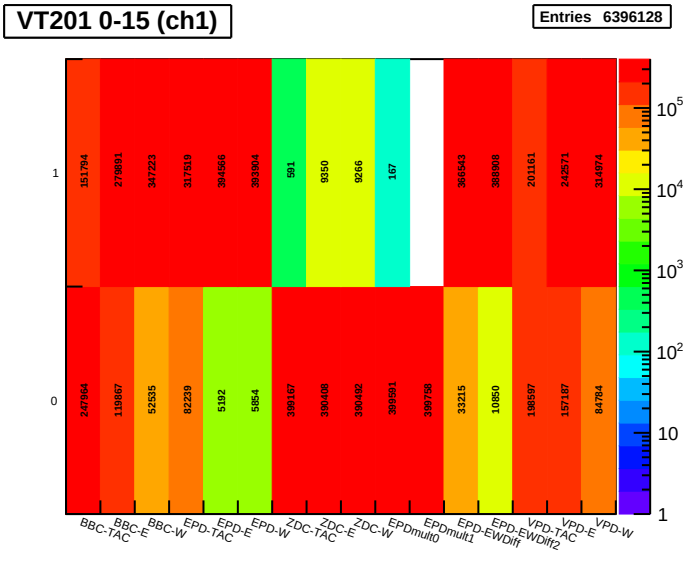

Entries 399758
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

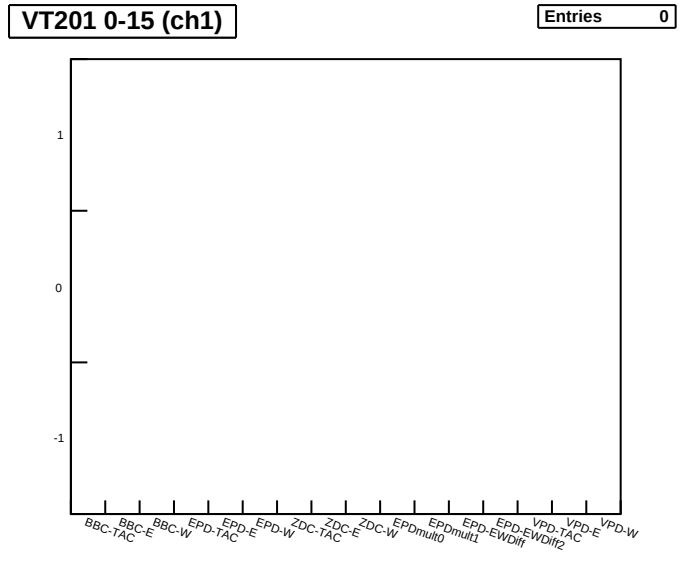

Laser Input Bits
Entries 399758
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

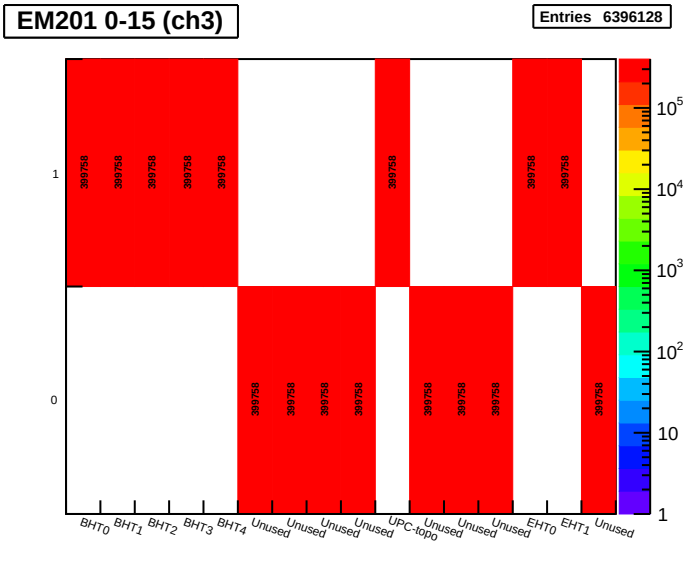

ST201 0-15 (ch6)
Entries 6396128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
399758
399758
399758
399758
399758
399758
399758
399758
399758
399758
399758
399758
399758
399758
399757
399746
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

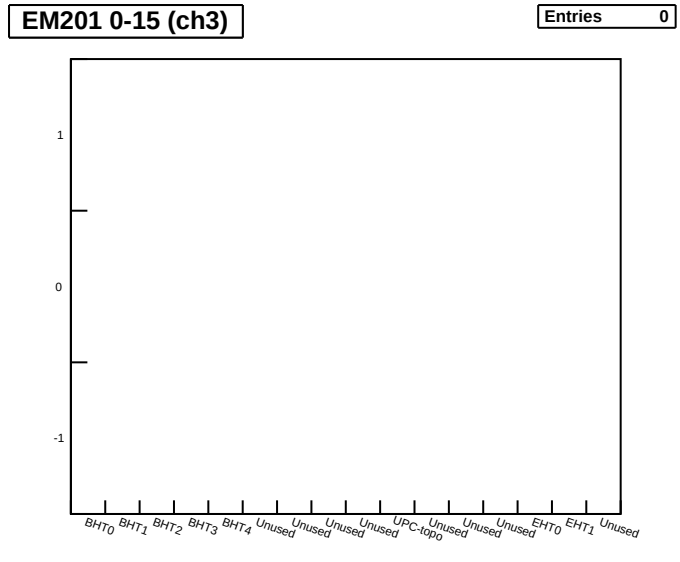

TF201 0-15 (ch0)
Entries 6396128
1
0
399758 399758 399758 399758 395185 361795 348203 266755 335722 335508 332357 399758 399758 399758
399758 399758 399758 4573 37963 51555 133003 399758 64036 64250 67401 399758
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 6396128
1
0
151794 278891 347223 317519 394566 393904 591 9350 9266 167 366543 388908 201161 242571 314974
247964 119867 52535 82239 5192 5854 399167 390408 390492 399591 399758 33215 10850 198597 157187 84784
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 6396128
1
0
399758 399758 399758 399758 399758 399758 399758 399758 399758
399758 399758 399758 399758 399758 399758 399758 399758
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