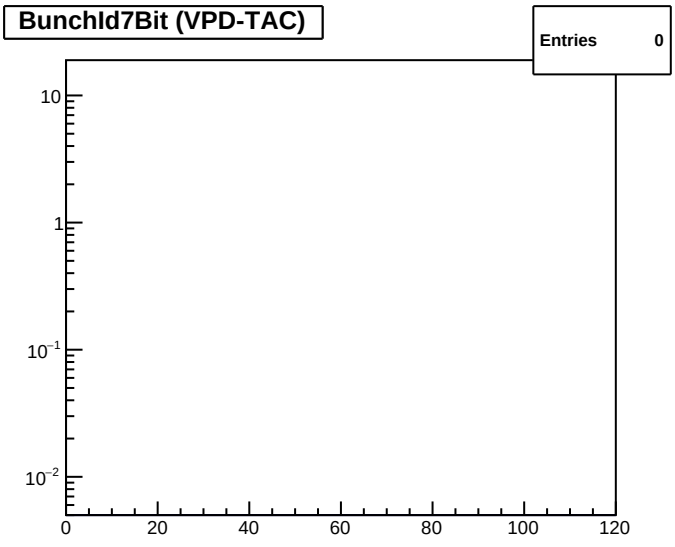
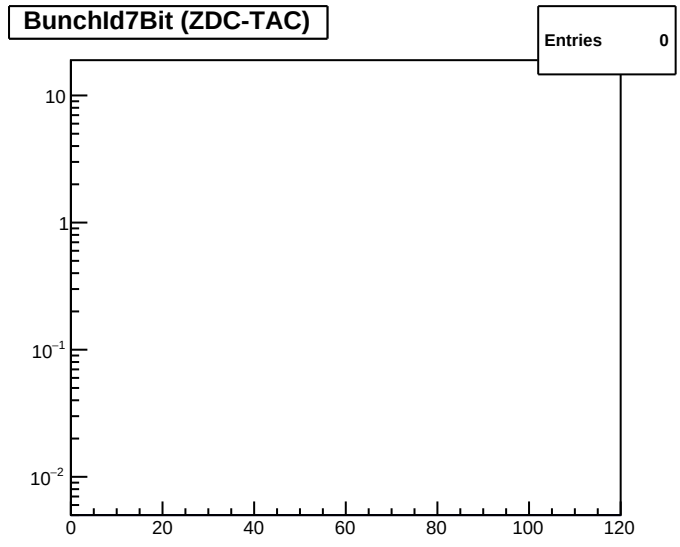
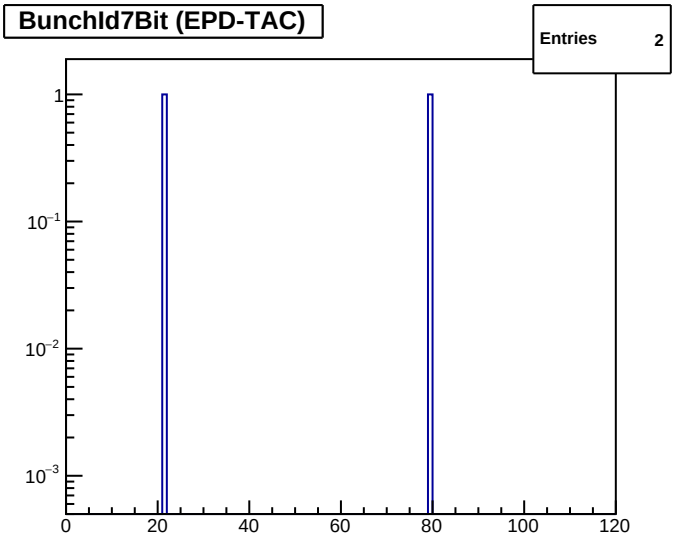
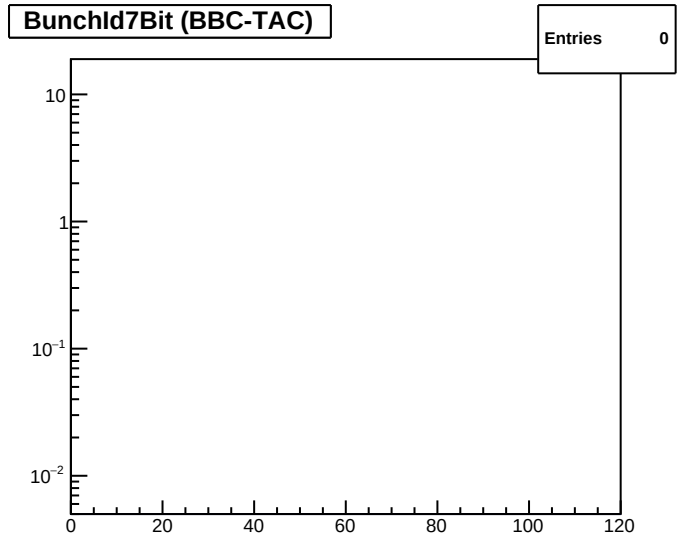
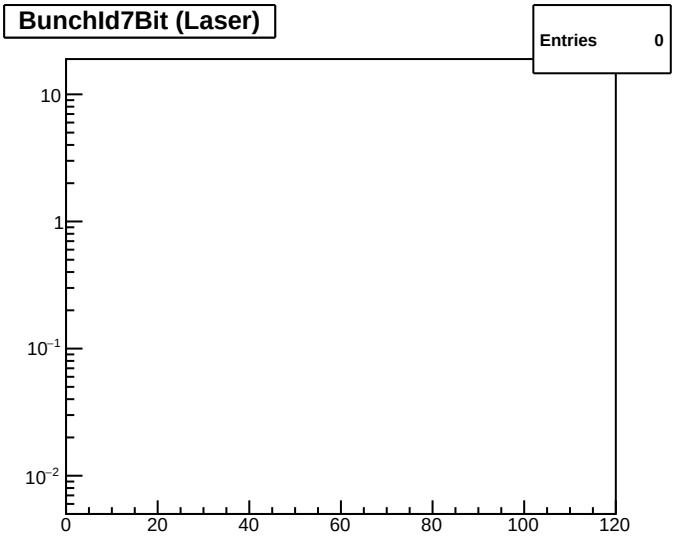
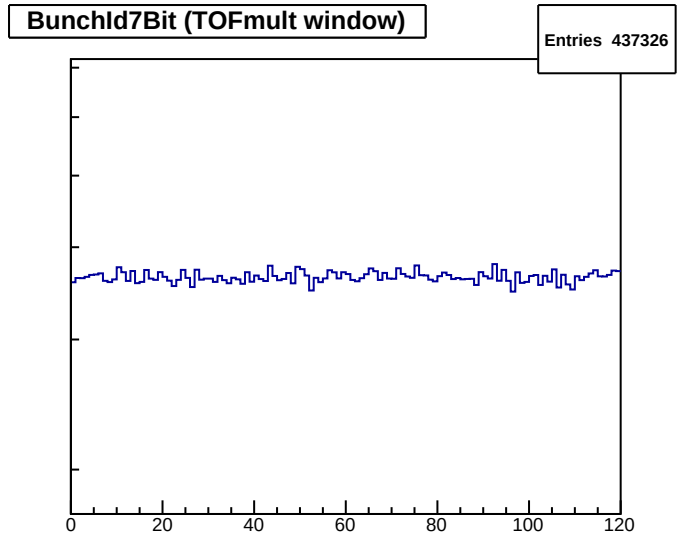

BunchId7Bit (VPD-TAC)
Entries 0

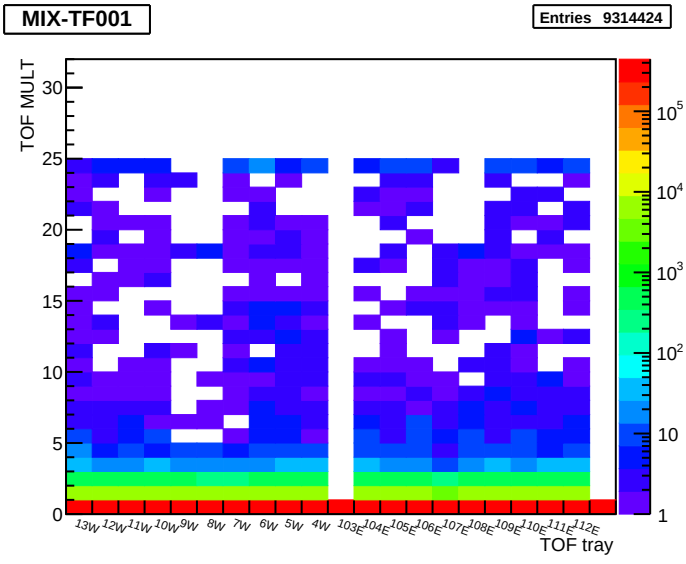

BunchId7Bit (ZDC-TAC)
Entries 0

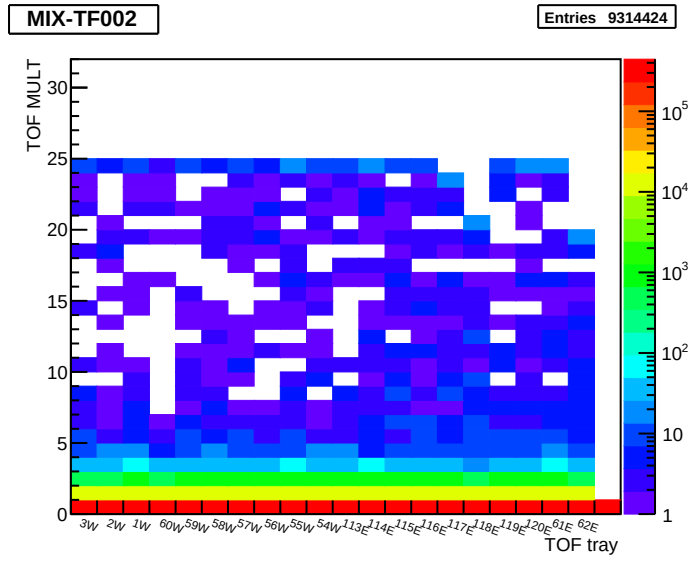

BunchId7Bit (EPD-TAC)
Entries 2

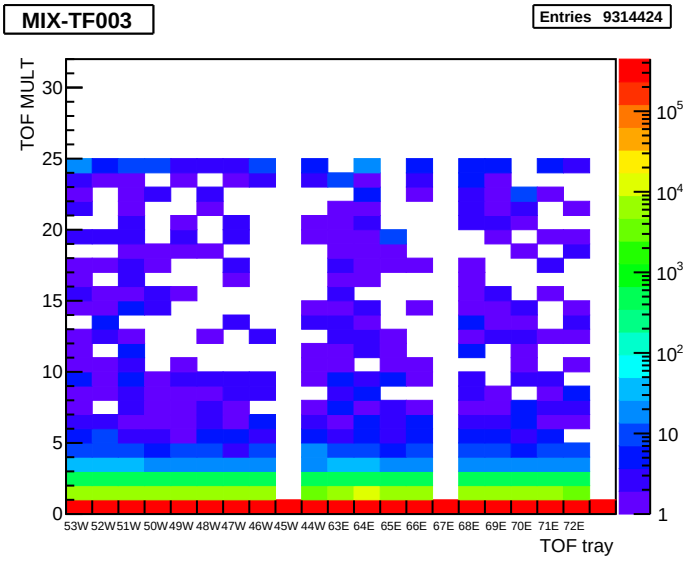

BunchId7Bit (BBC-TAC)
Entries 0

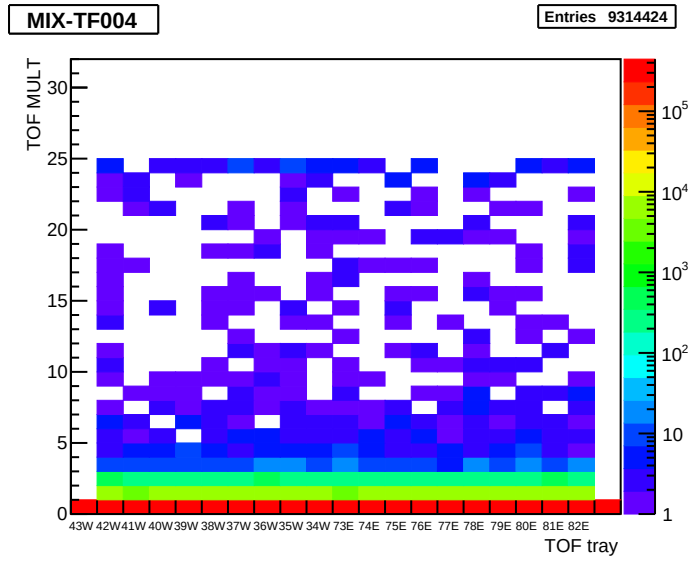

BunchId7Bit (Laser)
Entries 0

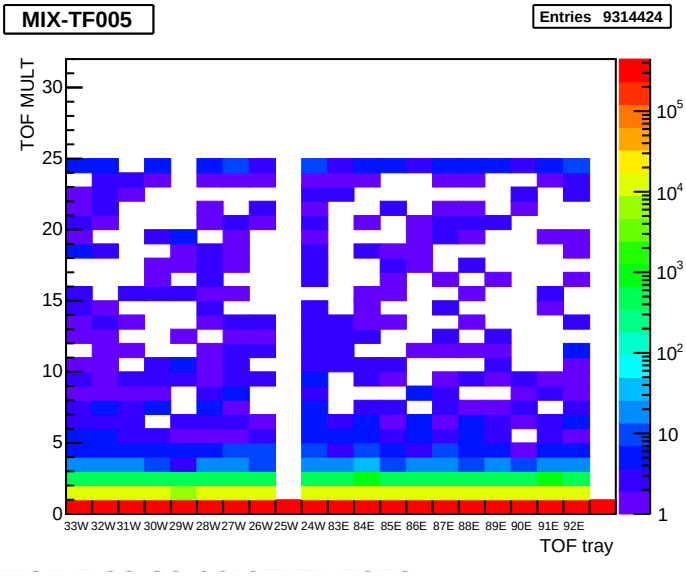

BunchId7Bit (TOFmult window)
Entries 437326

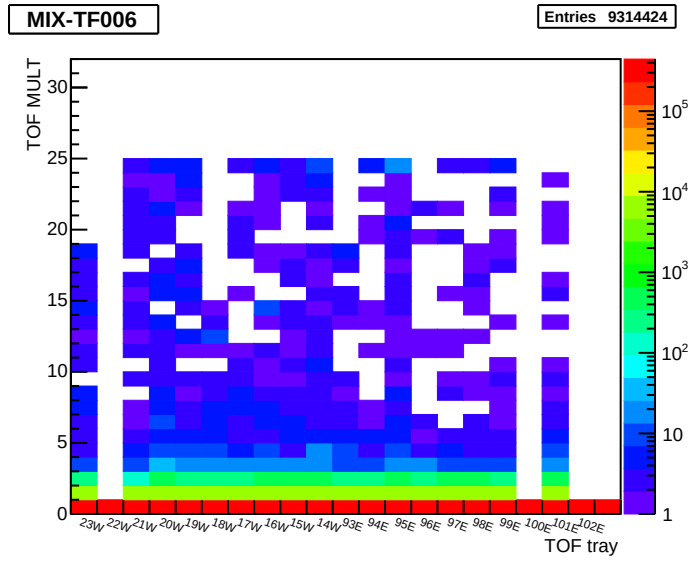

MIX-TF001
Entries 9314424
TOF MULT
TOF tray

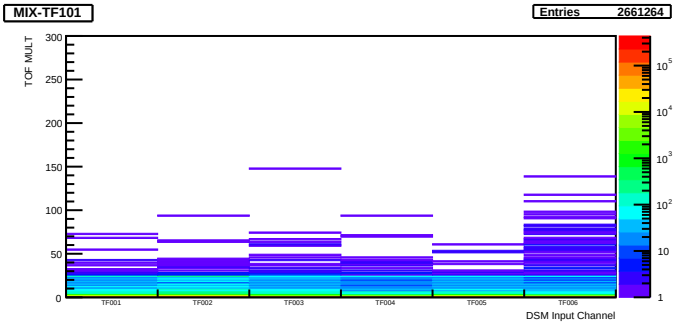

MIX-TF002
Entries 9314424
TOF MULT
TOF tray

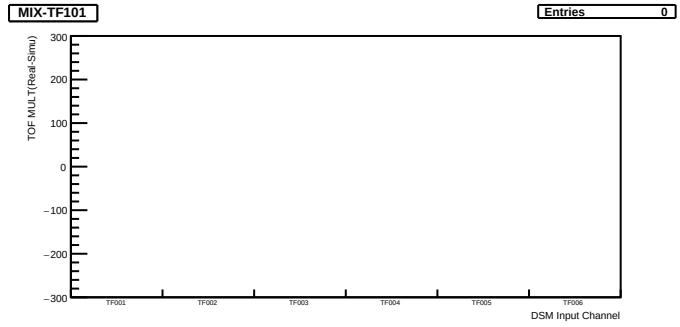

MIX-TF003
Entries 9314424
TOF MULT
TOF tray

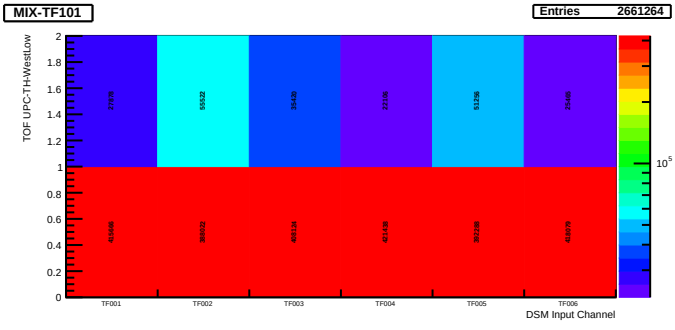

MIX-TF004
Entries 9314424
TOF MULT
TOF tray

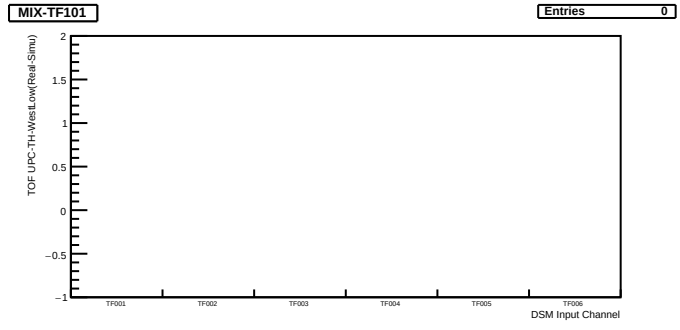

MIX-TF005
Entries 9314424
TOF MULT
TOF tray

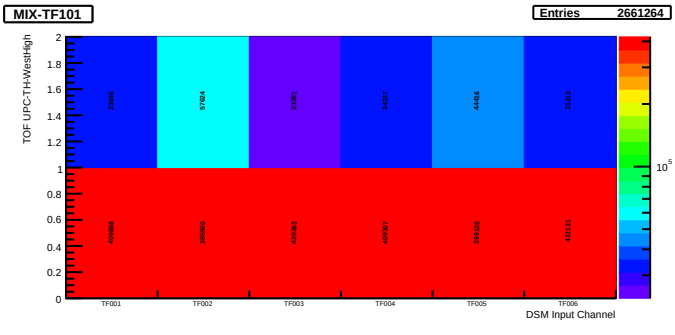

MIX-TF006
Entries 9314424
TOF MULT
TOF tray

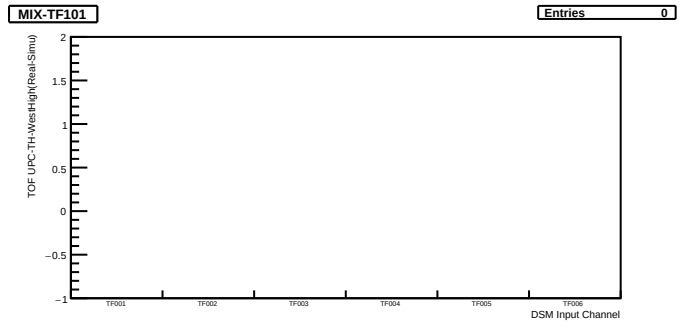

MIX-TF101
Entries 2661264
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

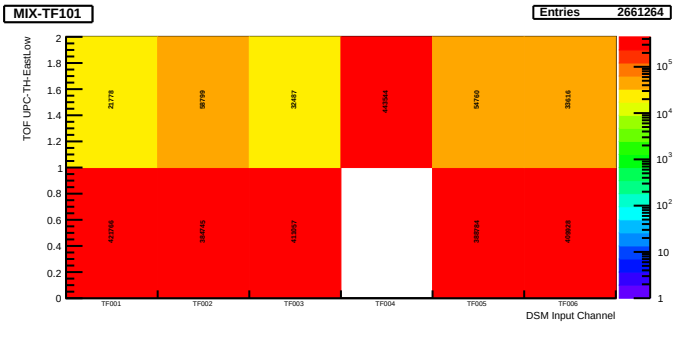

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

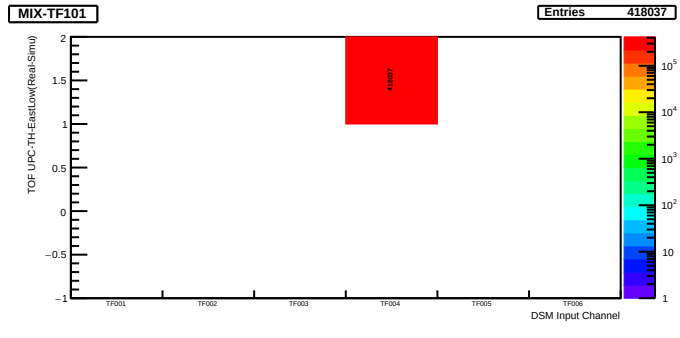

MIX-TF101
Entries 2661264
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

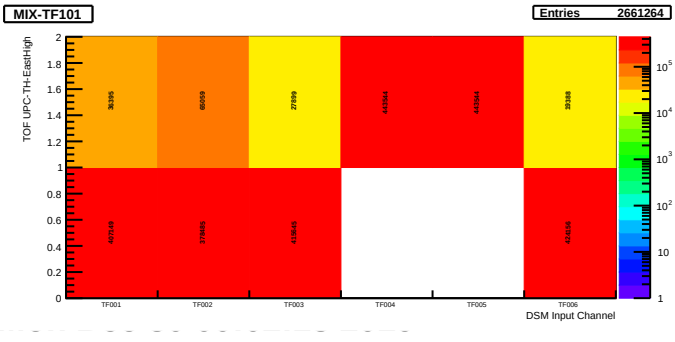

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

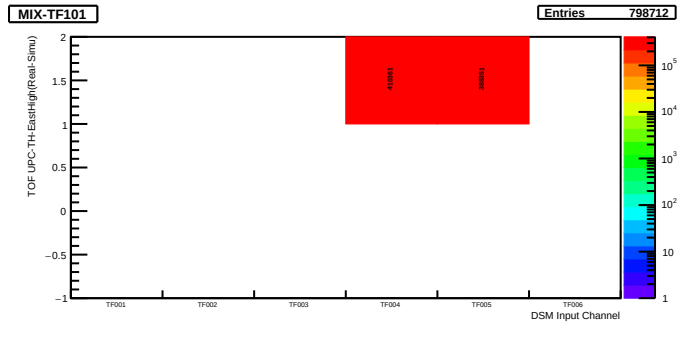

MIX-TF101
Entries 2661264
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

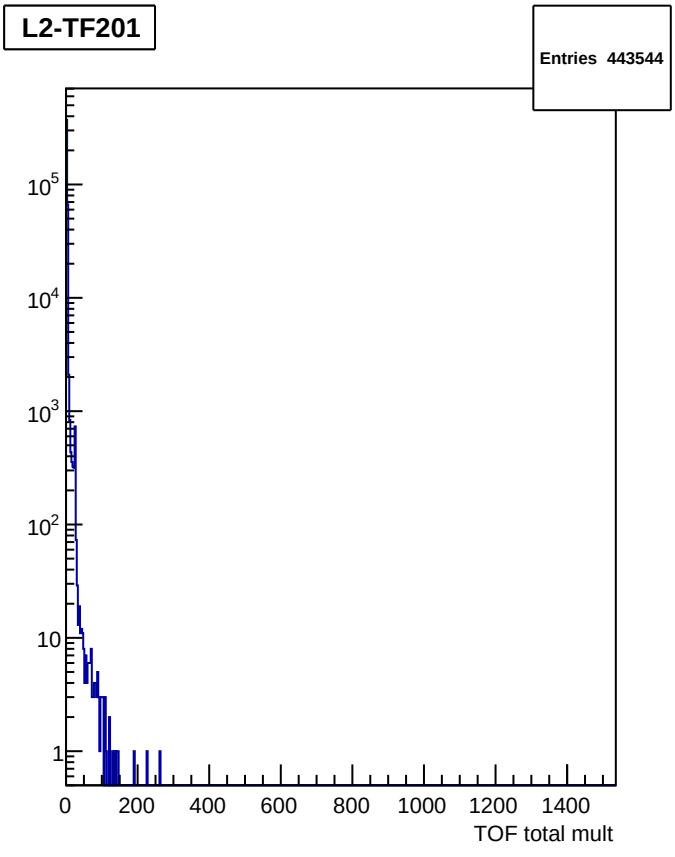

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

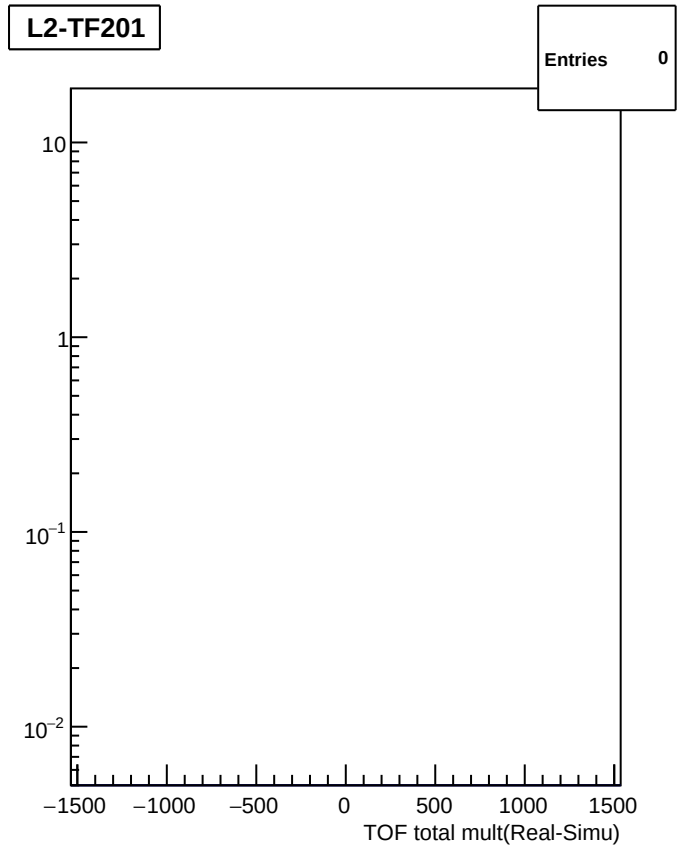

MIX-TF101
Entries 2661264
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

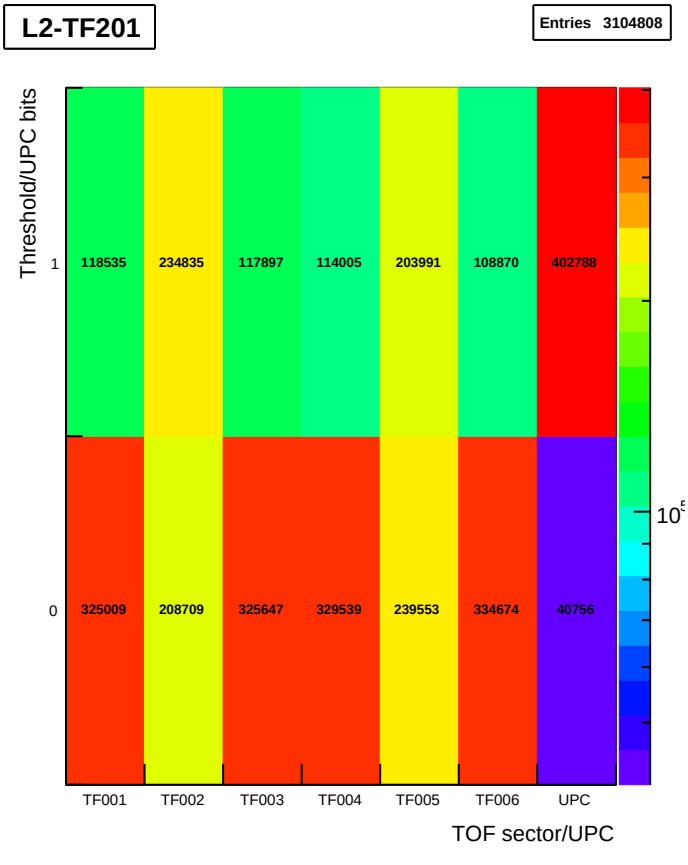

MIX-TF101
Entries 418037
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

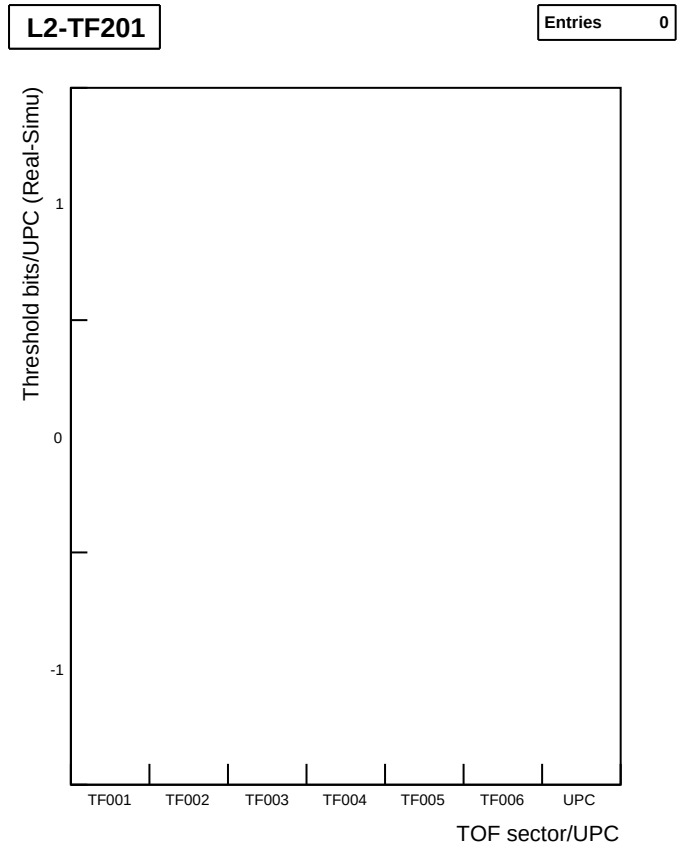

MIX-TF101
Entries 2661264
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

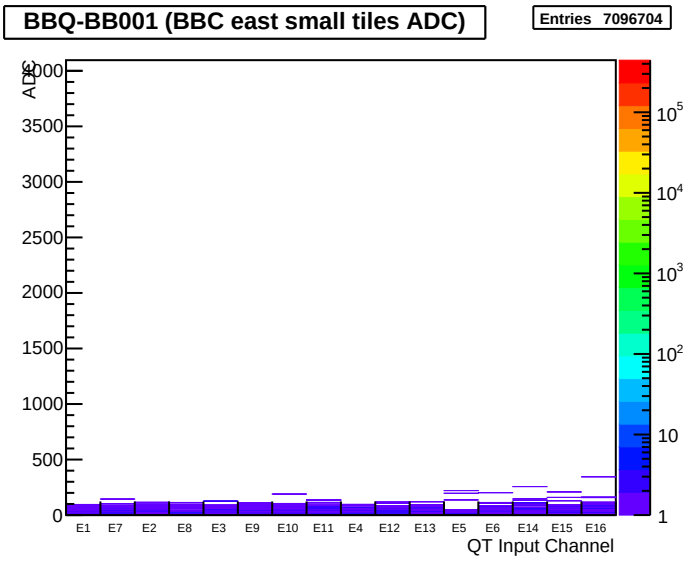

MIX-TF101
Entries 798712
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

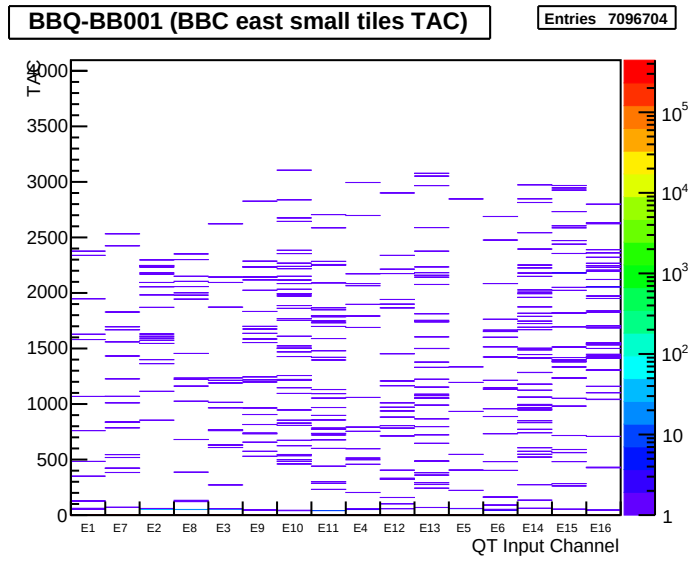

L2-TF201
Entries 443544
TOF total mult

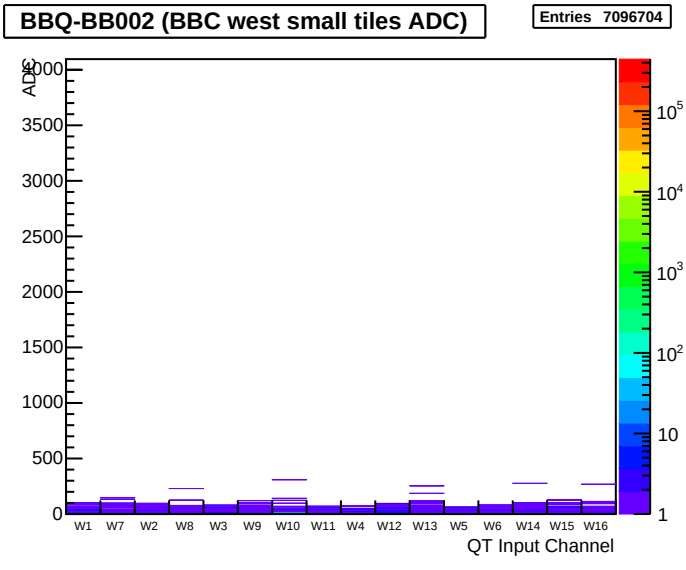

L2-TF201
Entries 0
TOF total mult(Real-Simu)

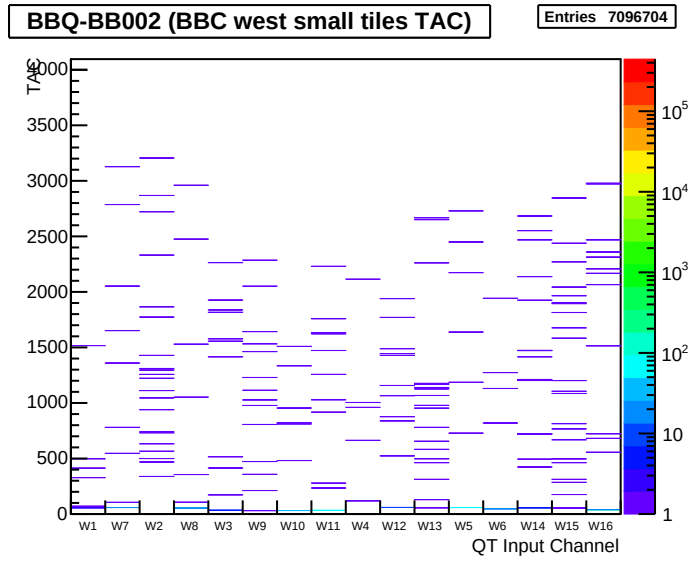

L2-TF201
Entries 3104808
Threshold/UPC bits
118535
234835
117897
114005
203991
108870
402788
325009
208709
325647
329539
239553
334674
40756
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

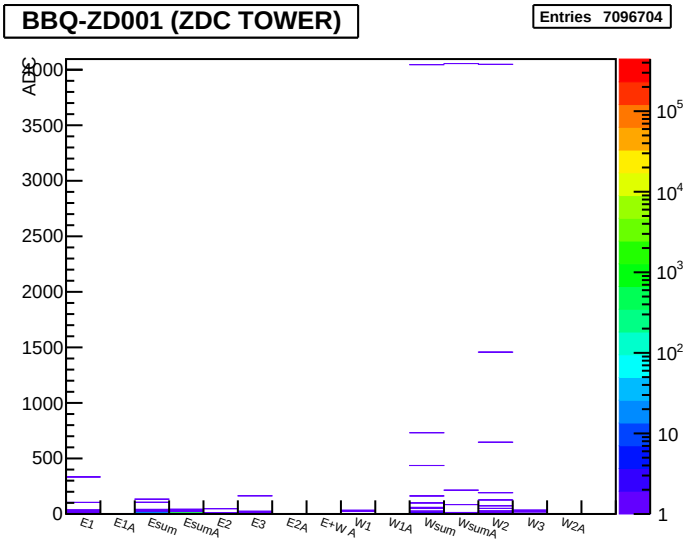

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

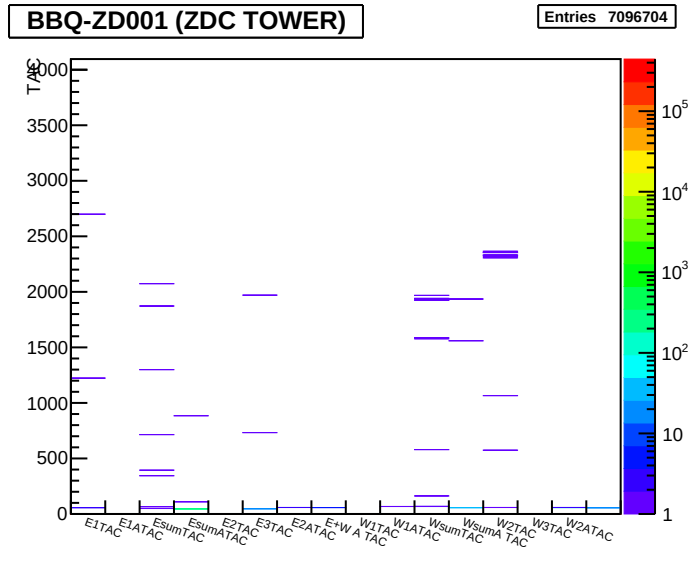

BBQ-BB001 (BBC east small tiles ADC)
Entries 7096704
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

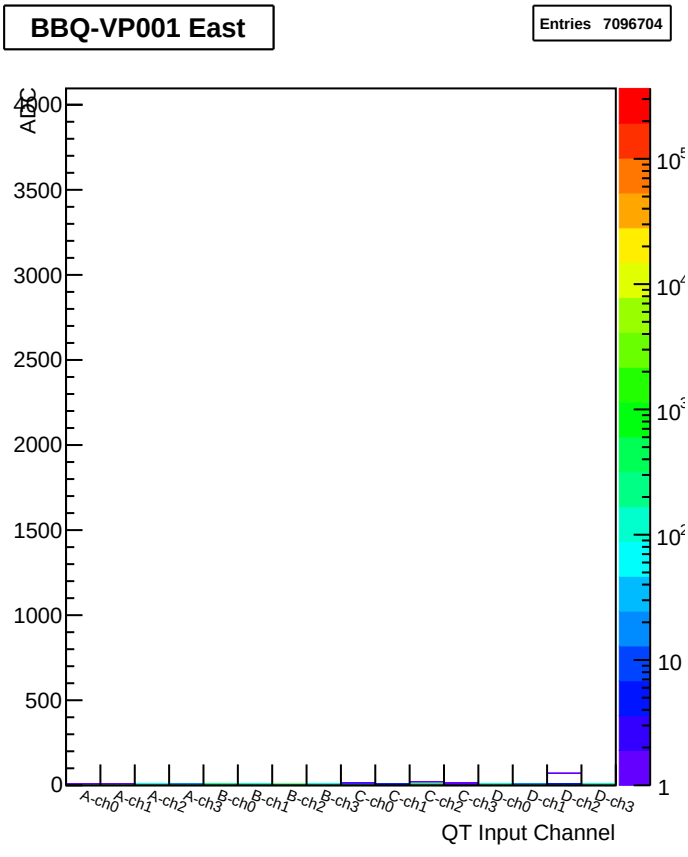

BBQ-BB001 (BBC east small tiles TAC)
Entries 7096704
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

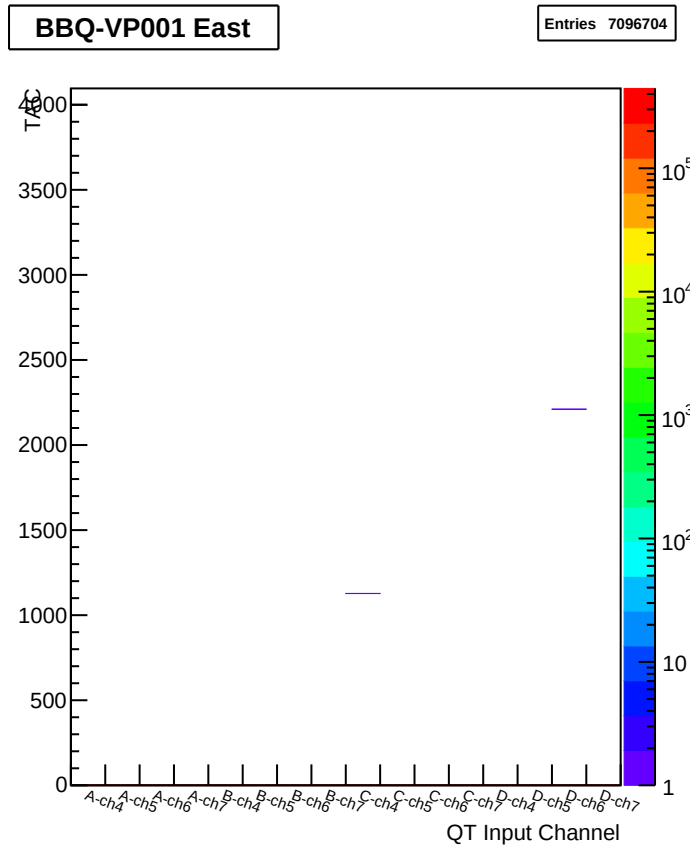

BBQ-BB002 (BBC west small tiles ADC)
Entries 7096704
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

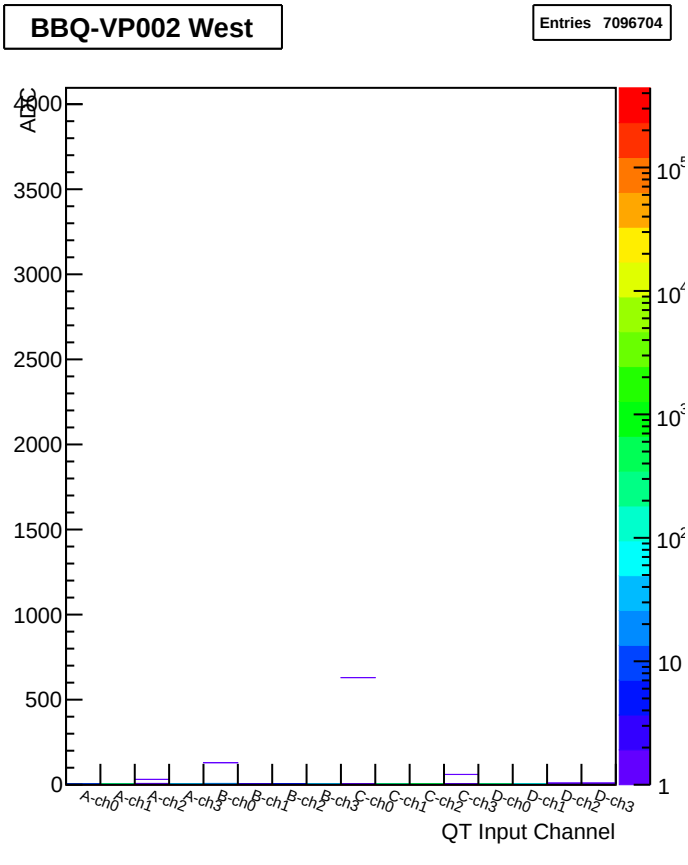

BBQ-BB002 (BBC west small tiles TAC)
Entries 7096704
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

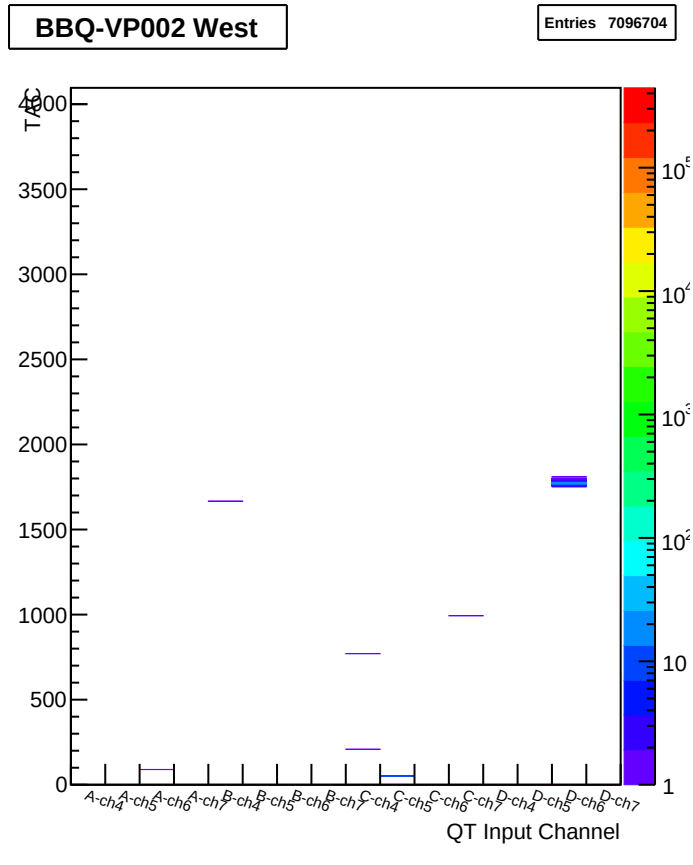

BBQ-ZD001 (ZDC TOWER)
Entries 7096704
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

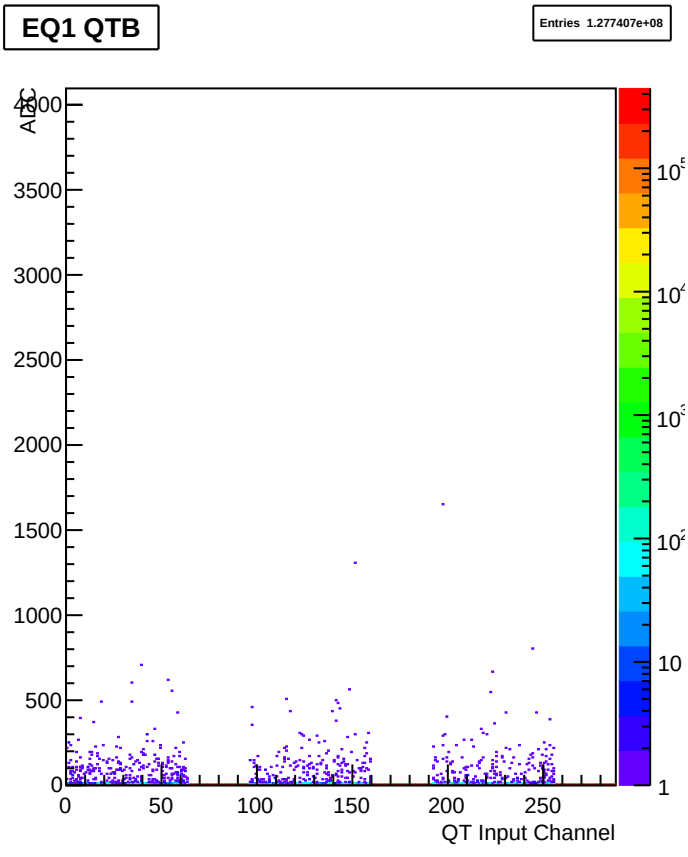

BBQ-ZD001 (ZDC TOWER)
Entries 7096704
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

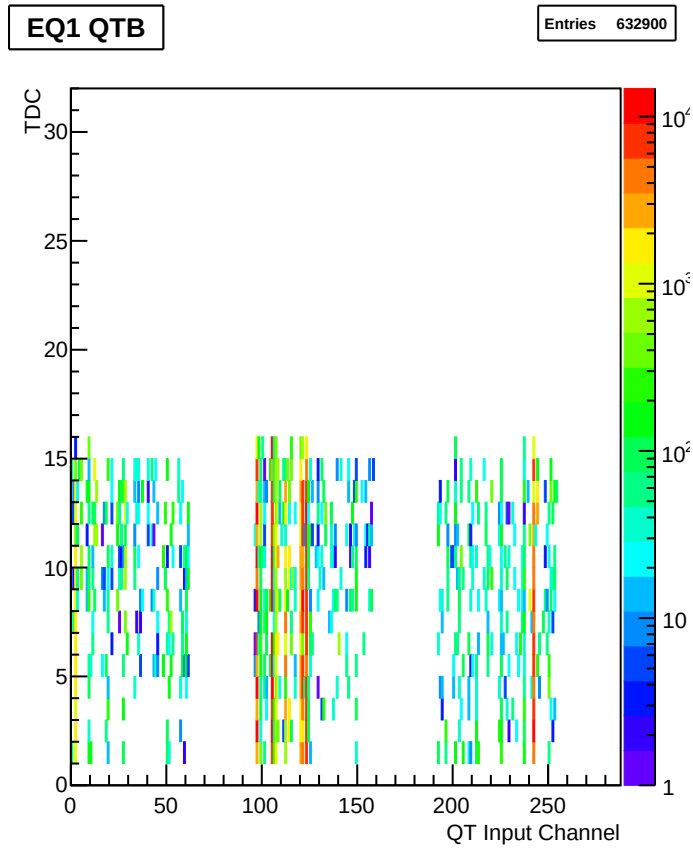

BBQ-VP001 East
Entries 7096704
ADC
QT Input Channel

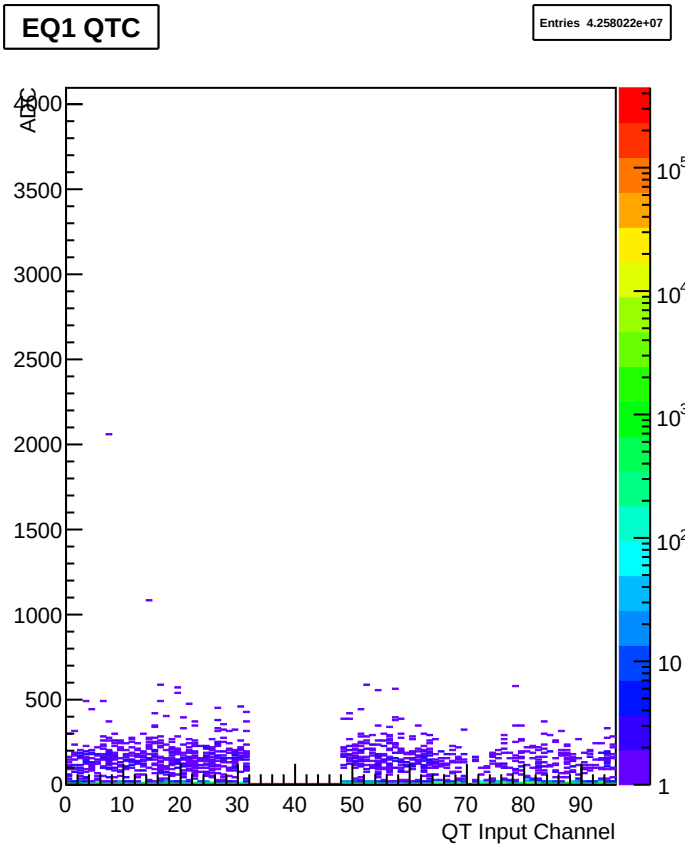

BBQ-VP001 East
Entries 7096704
TADC
QT Input Channel

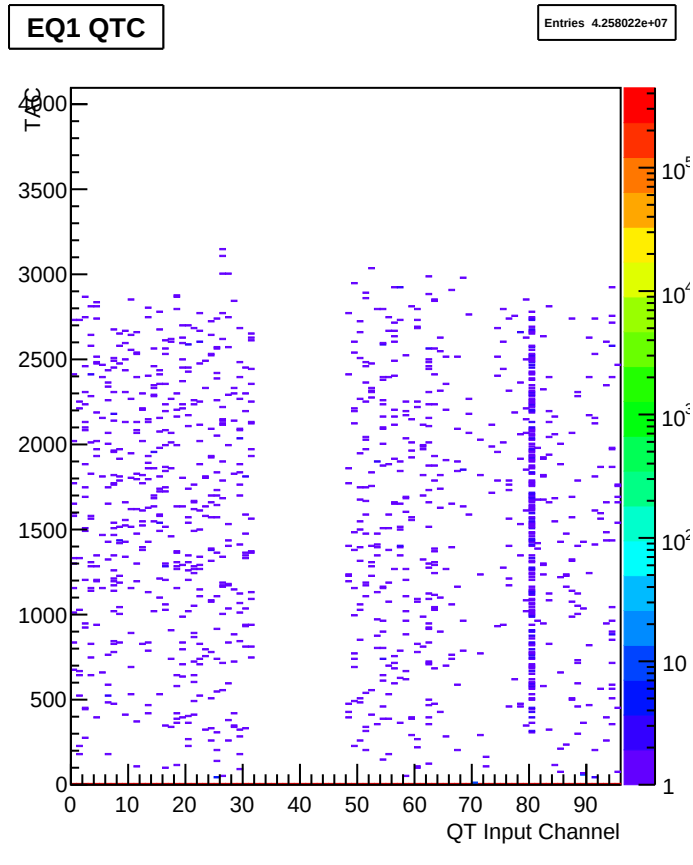

BBQ-VP002 West
Entries 7096704
ADC
QT Input Channel

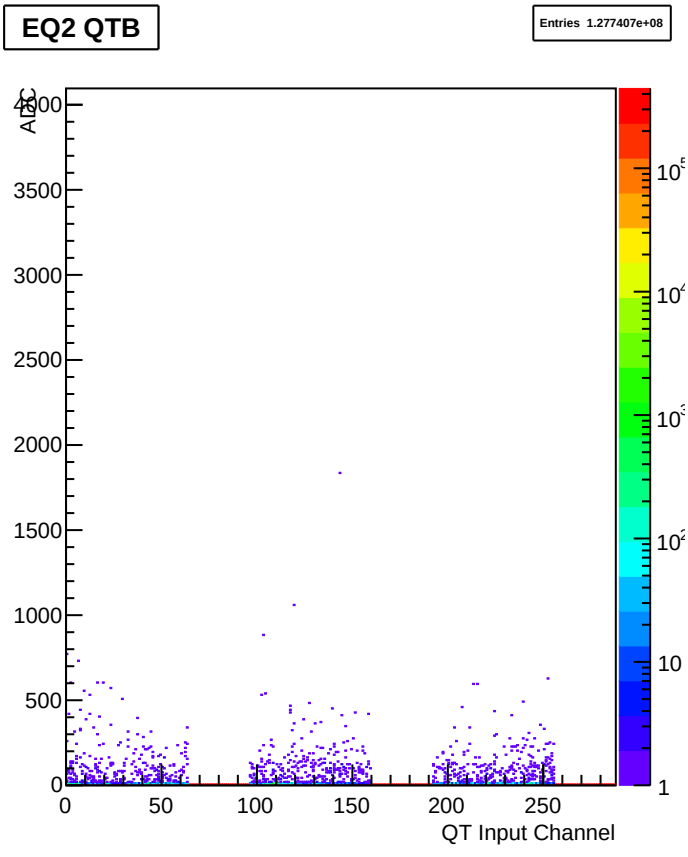

BBQ-VP002 West
Entries 7096704
TADC
QT Input Channel

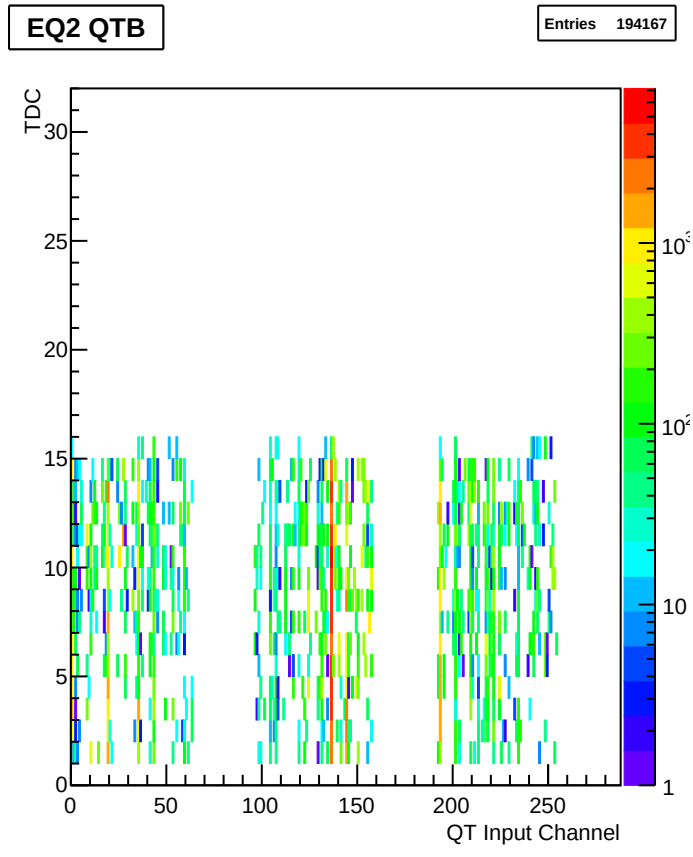

EQ1 QTB
Entries 1.277407e+08
ADC
QT Input Channel

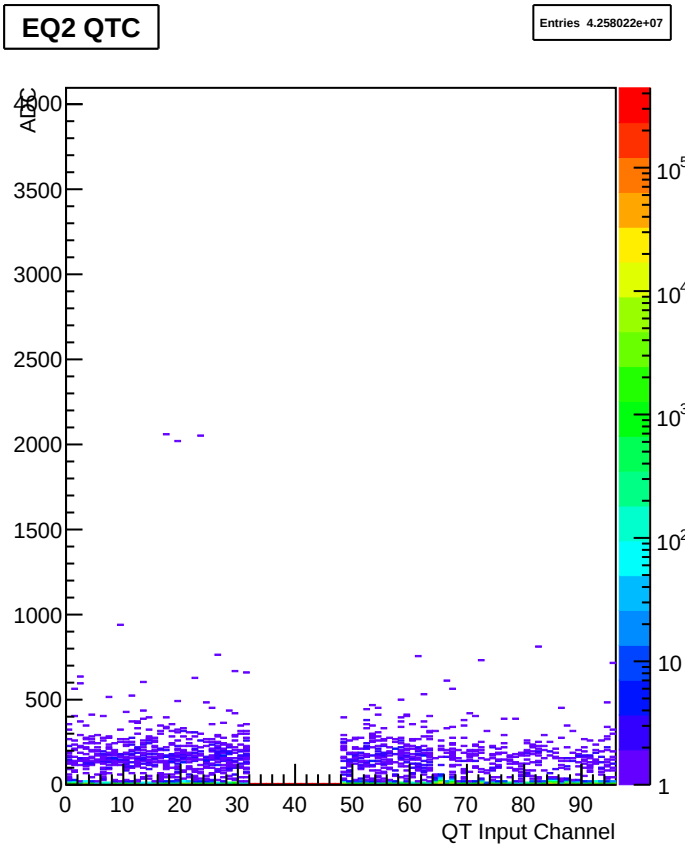

EQ1 QTB
Entries 632900
TDC
QT Input Channel

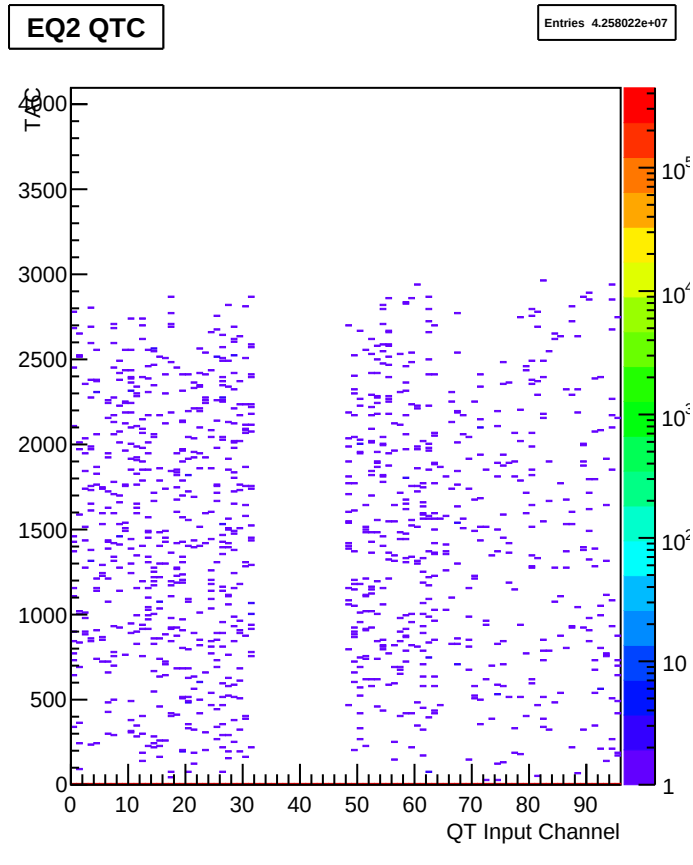

EQ1 QTC
Entries 4.258022e+07
ADC
QT Input Channel

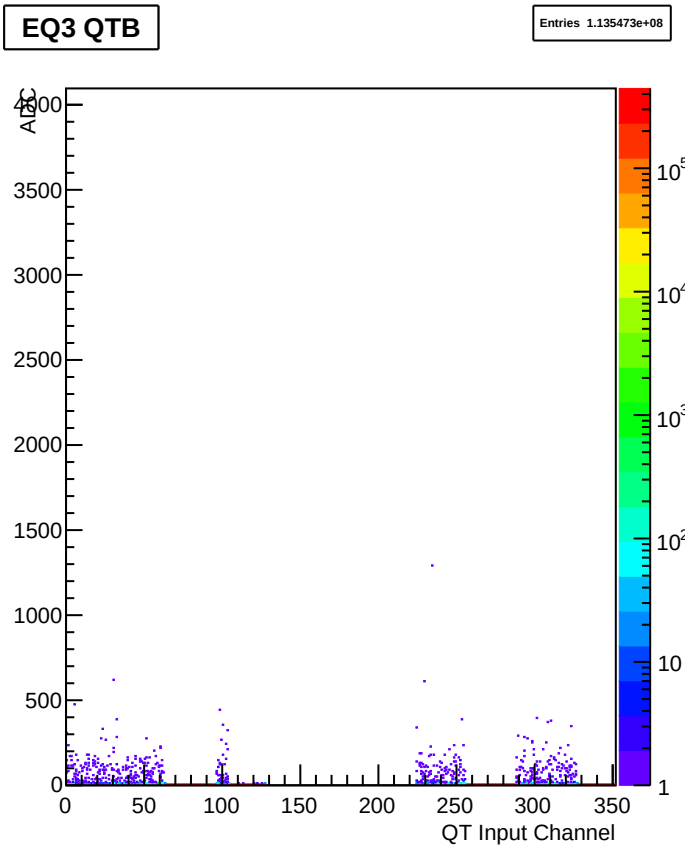

EQ1 QTC
Entries 4.258022e+07
TADC
QT Input Channel

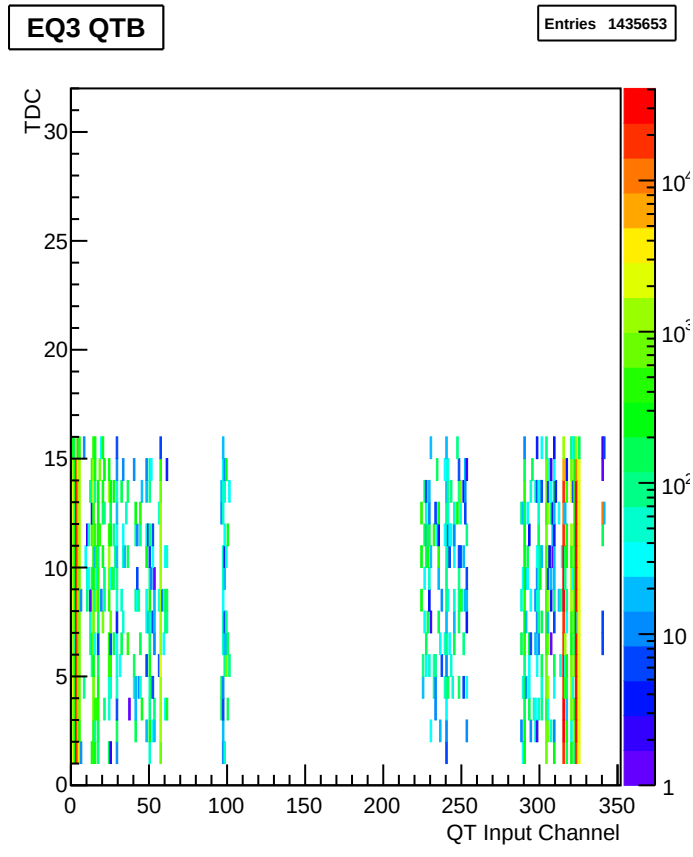

EQ2 QTB
Entries 1.277407e+08
ADC
QT Input Channel

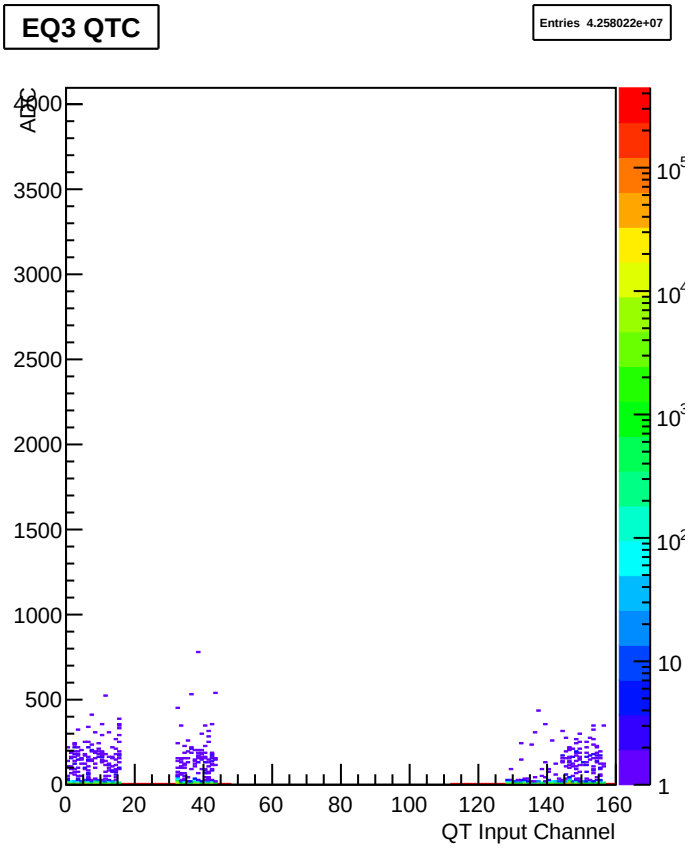

EQ2 QTB
Entries 194167
TDC
QT Input Channel

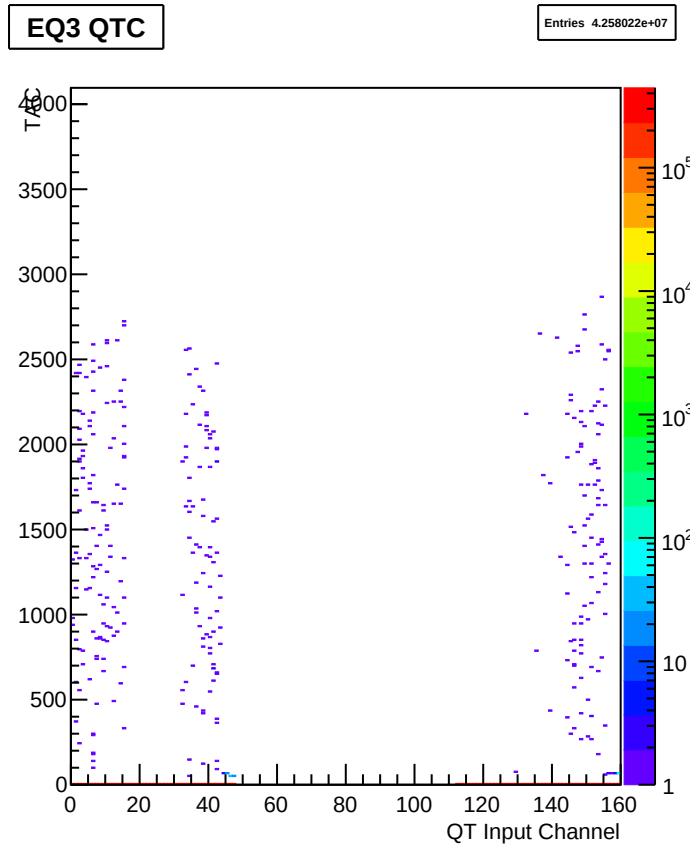

EQ2 QTC
Entries 4.258022e+07
ADC
QT Input Channel

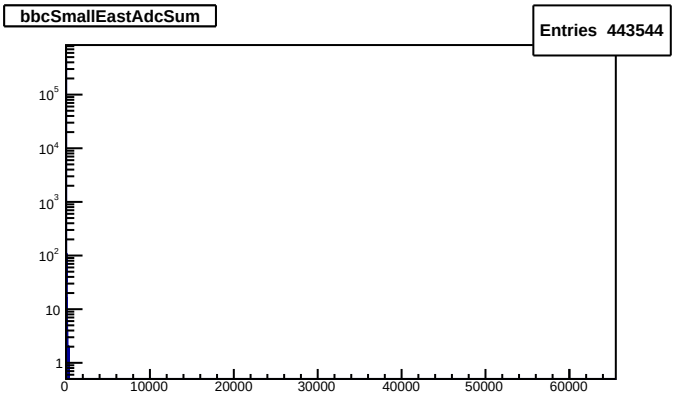

EQ2 QTC
Entries 4.258022e+07
TADC
QT Input Channel

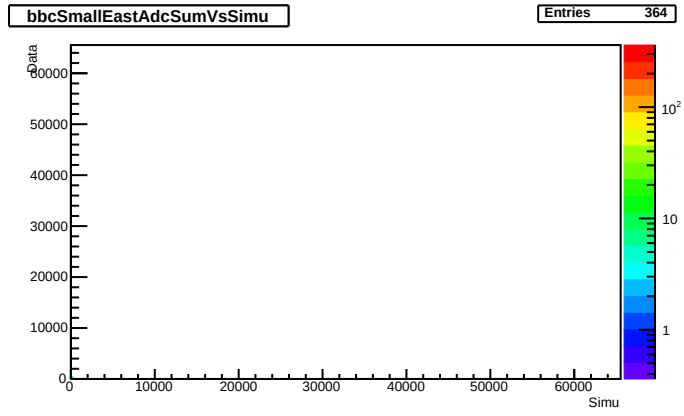

EQ3 QTB
Entries 1.135473e+08
ADC
QT Input Channel

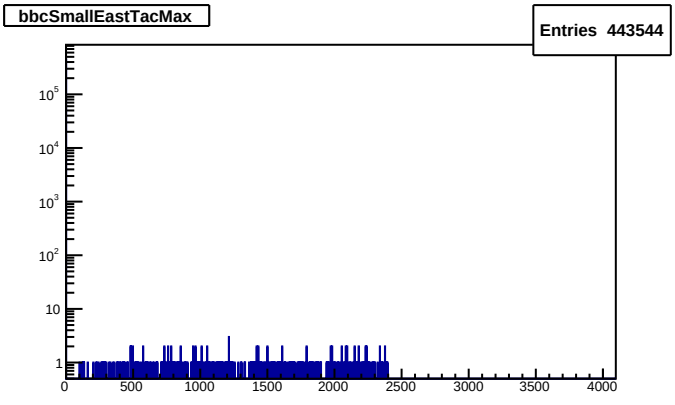

EQ3 QTB
Entries 1435653
TDC
QT Input Channel

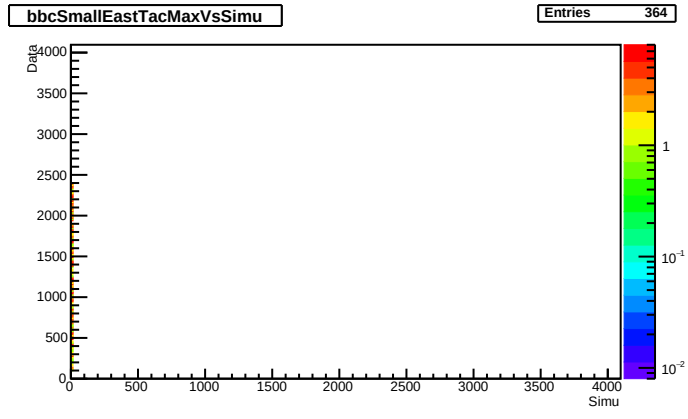

EQ3 QTC
Entries 4.258022e+07
ADC
QT Input Channel

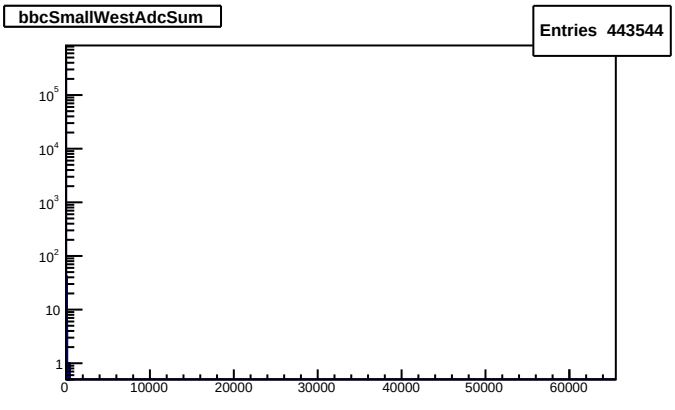

EQ3 QTC
Entries 4.258022e+07
TADC
QT Input Channel

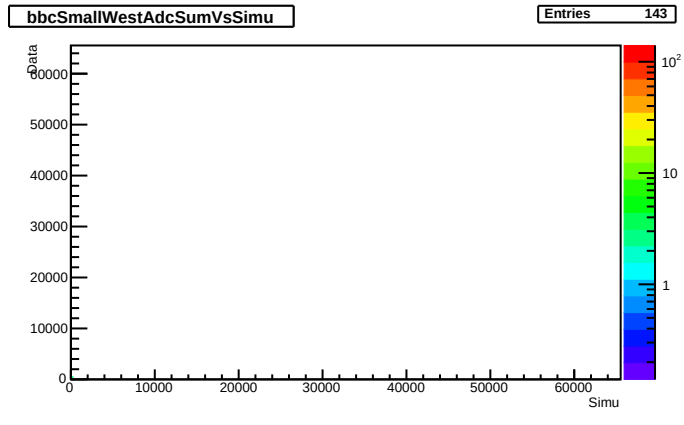

bbcSmallEastAdcSum
Entries 443544

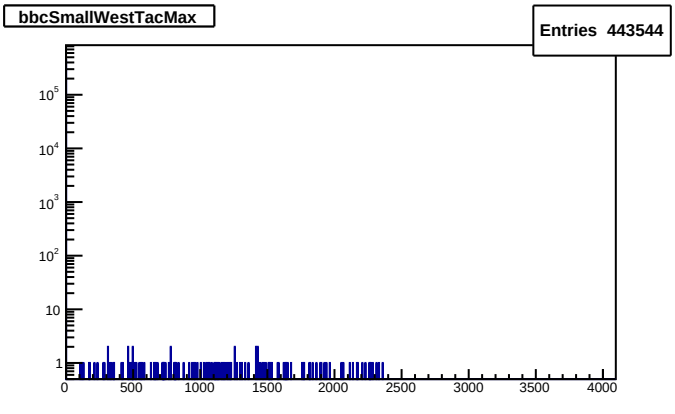

bbcSmallEastAdcSumVsSimu
Entries 364
Data
Simu

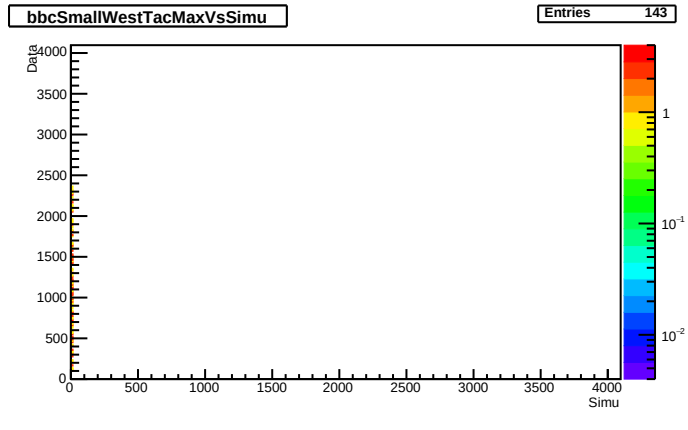

bbcSmallEastTacMax
Entries 443544

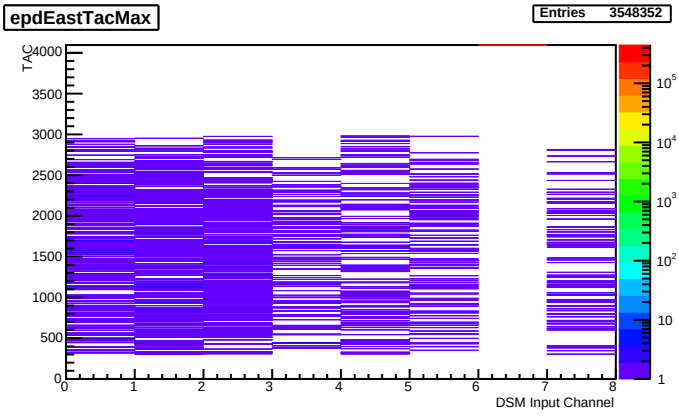

bbcSmallEastTacMaxVsSimu
Entries 364
Data
Simu

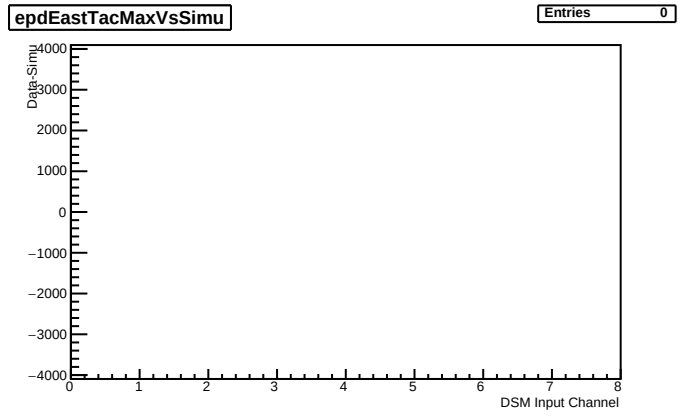

bbcSmallWestAdcSum
Entries 443544

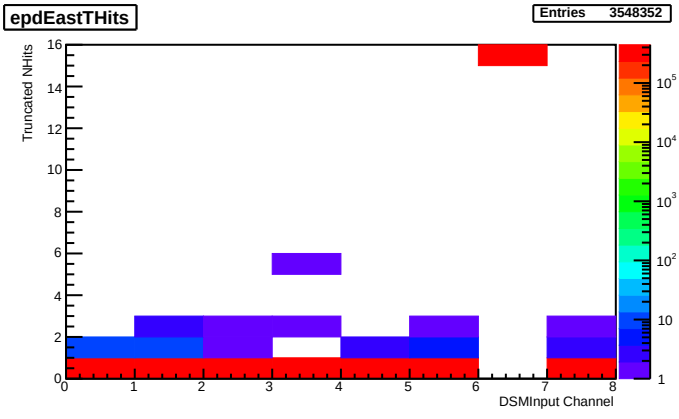

bbcSmallWestAdcSumVsSimu
Entries 143
Data
Simu

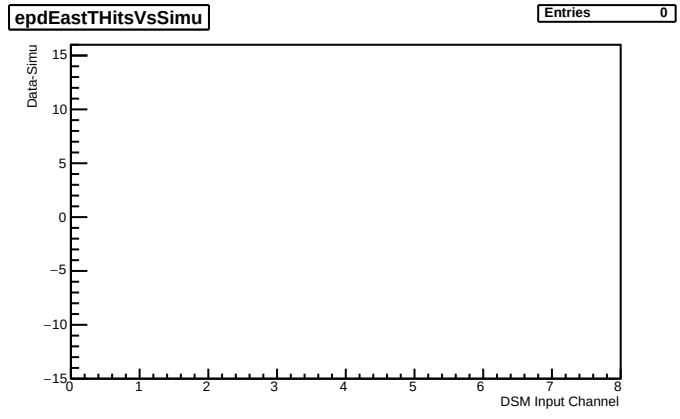

bbcSmallWestTacMax
Entries 443544

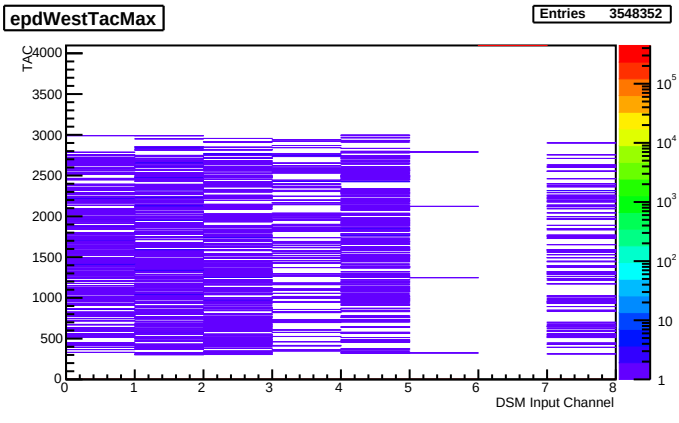

bbcSmallWestTacMaxVsSimu
Entries 143
Data
Simu

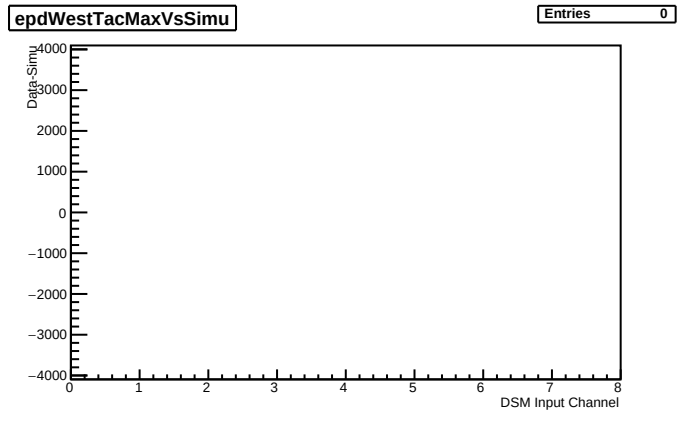

epdEastTacMax
Entries 3548352
TAC
DSM Input Channel

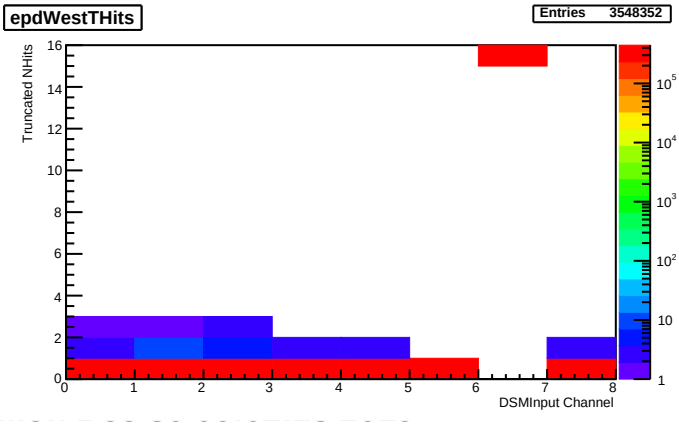

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

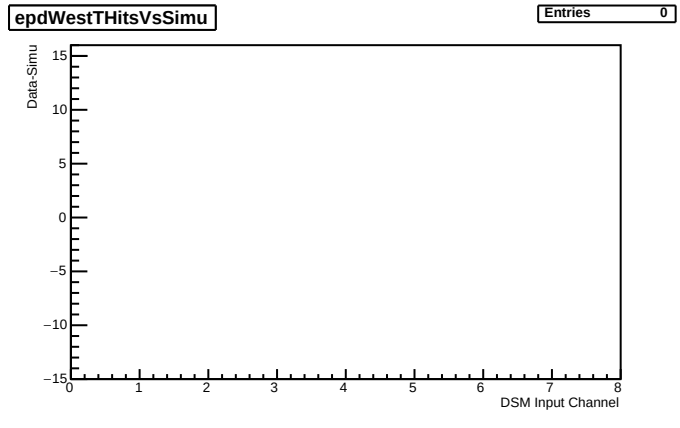

epdEastTHits
Entries 3548352
Truncated NHits
DSMInput Channel

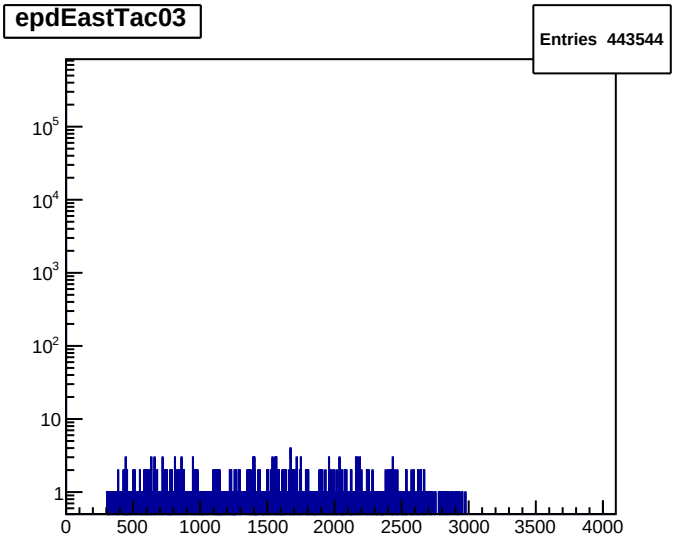

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

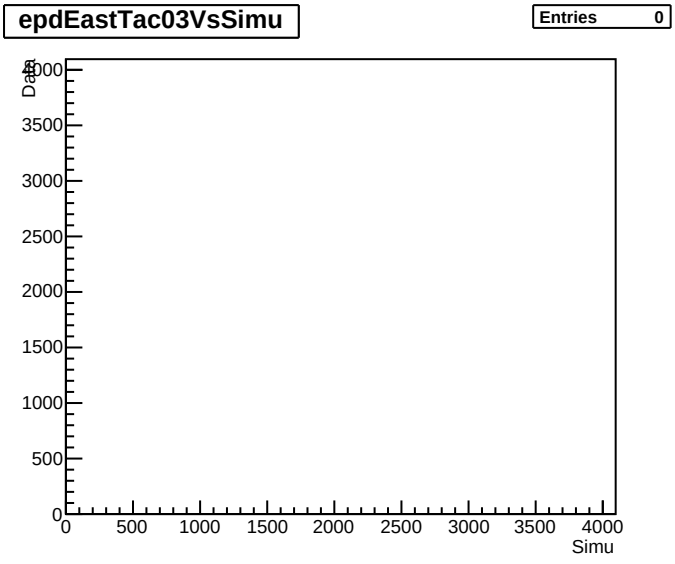

epdWestTacMax
Entries 3548352
TAC
DSM Input Channel

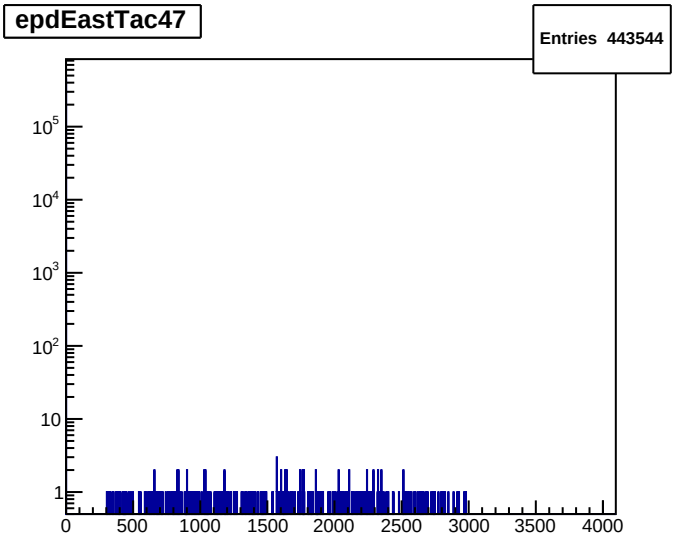

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

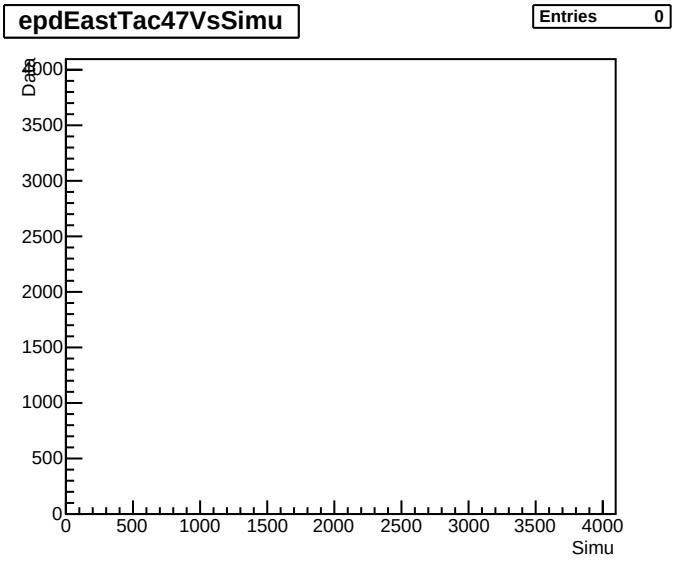

epdWestTHits
Entries 3548352
Truncated NHits
DSMInput Channel

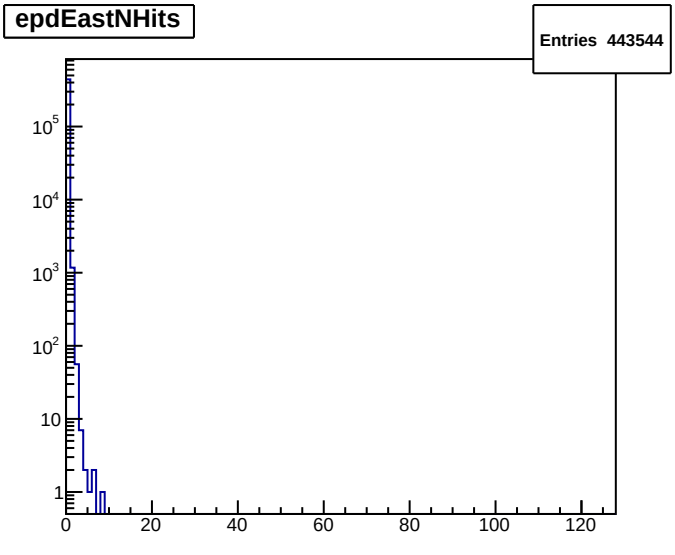

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

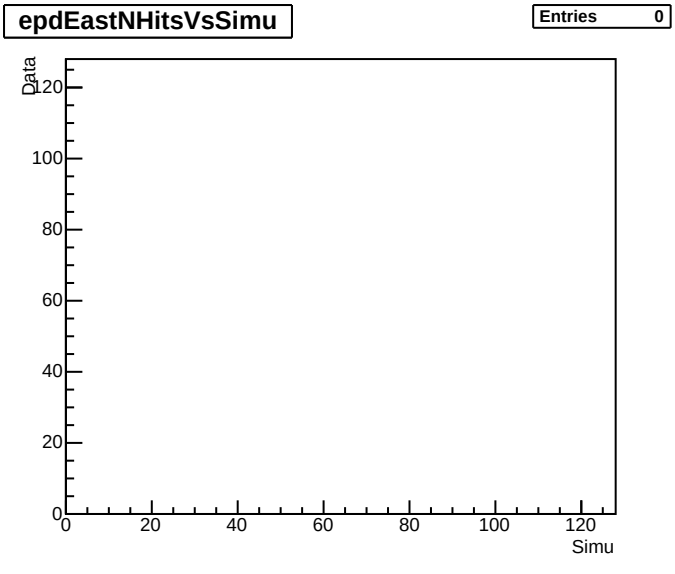

epdEastTac03
Entries 443544

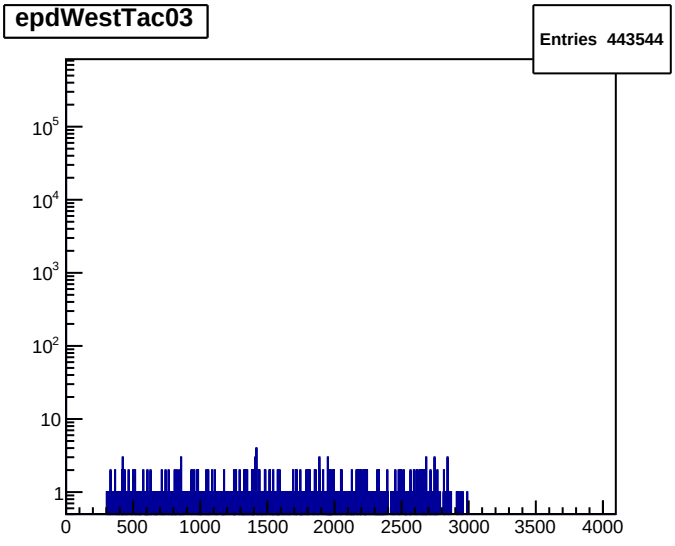

epdEastTac03VsSimu
Entries 0
Data
Simu

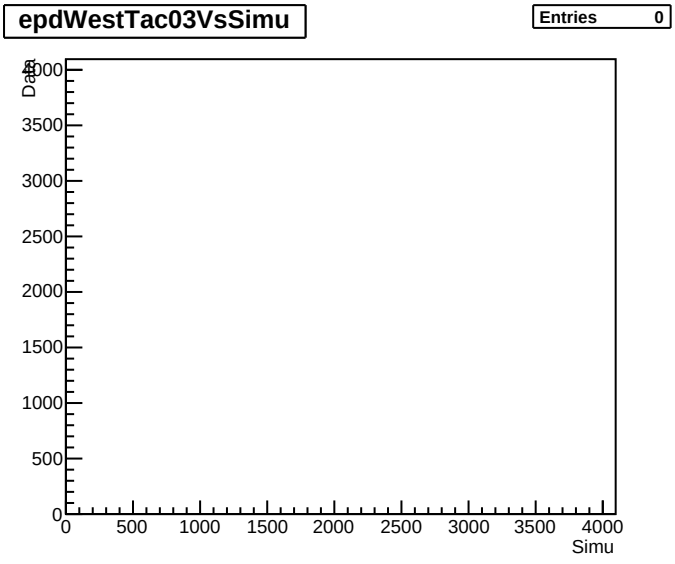

epdEastTac47
Entries 443544

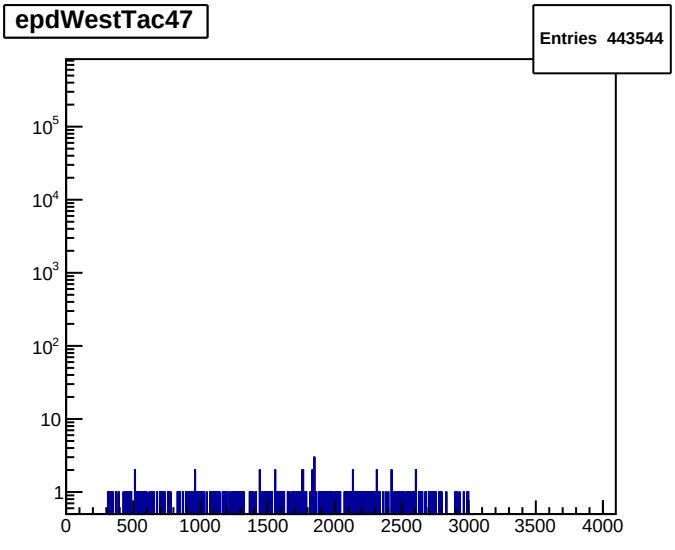

epdEastTac47VsSimu
Entries 0
Data
Simu

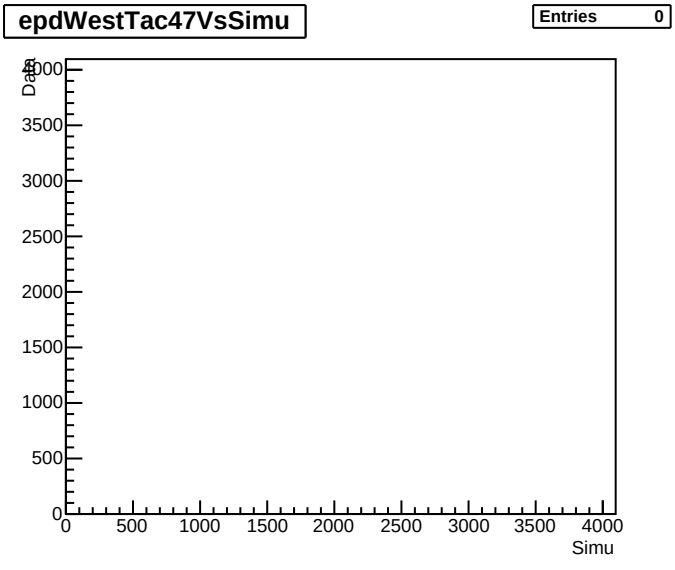

epdEastNHits
Entries 443544

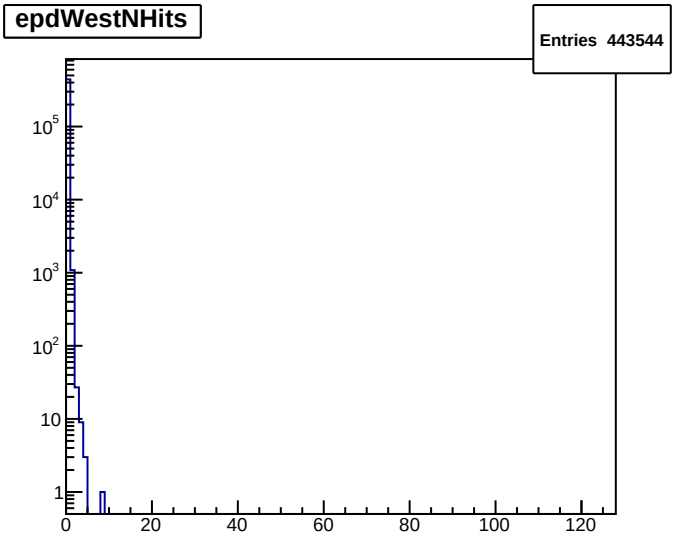

epdEastNHitsVsSimu
Entries 0
Data
Simu

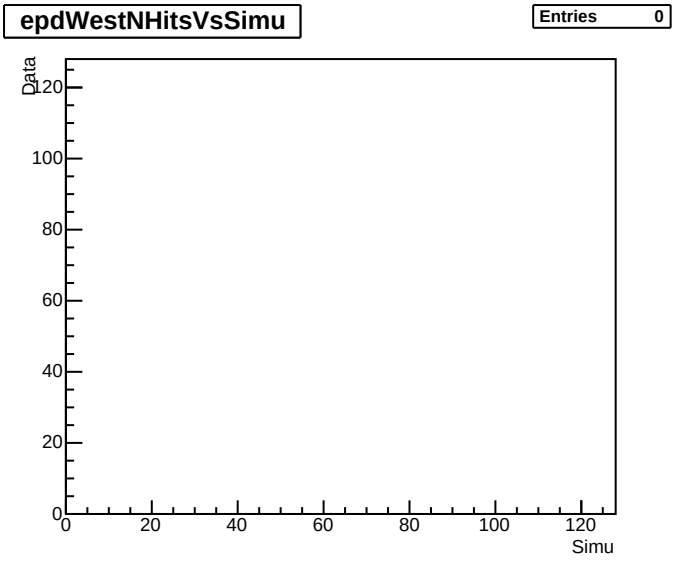

epdWestTac03
Entries 443544

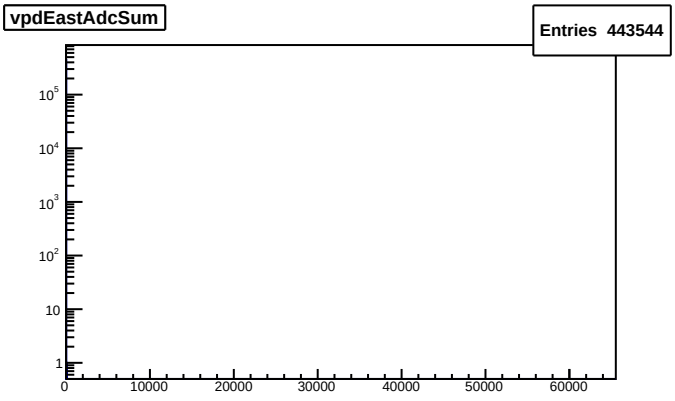

epdWestTac03VsSimu
Entries 0
Data
Simu

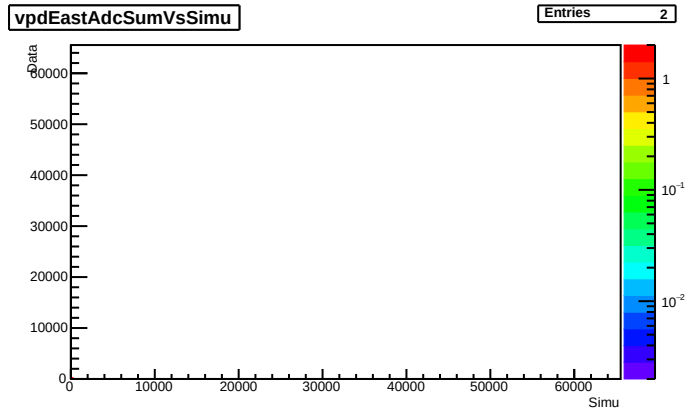

epdWestTac47
Entries 443544

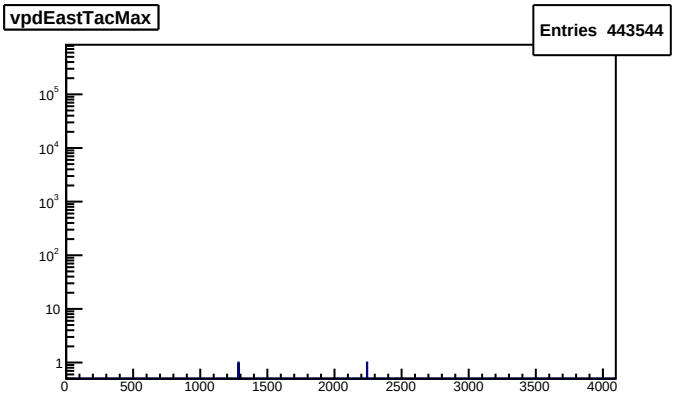

epdWestTac47VsSimu
Entries 0
Data
Simu

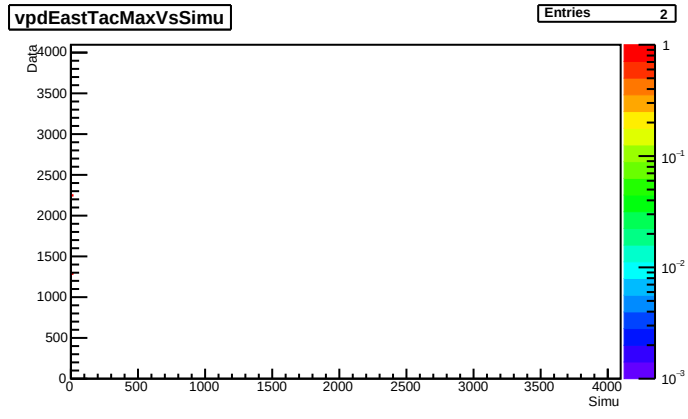

epdWestNHits
Entries 443544

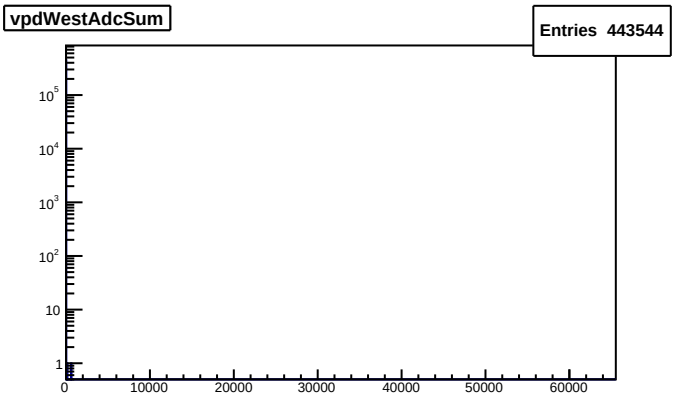

epdWestNHitsVsSimu
Entries 0
Data
Simu

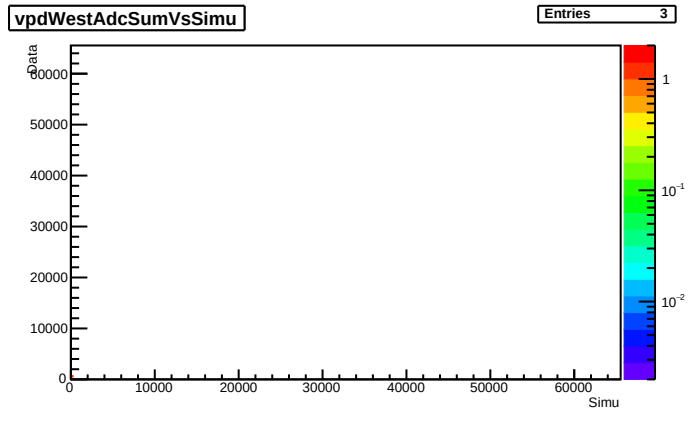

vpdEastAdcSum
Entries 443544

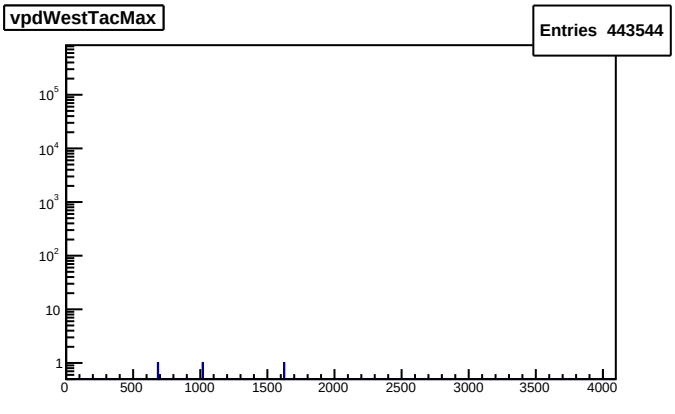

vpdEastAdcSumVsSimu
Entries 2
Data
Simu

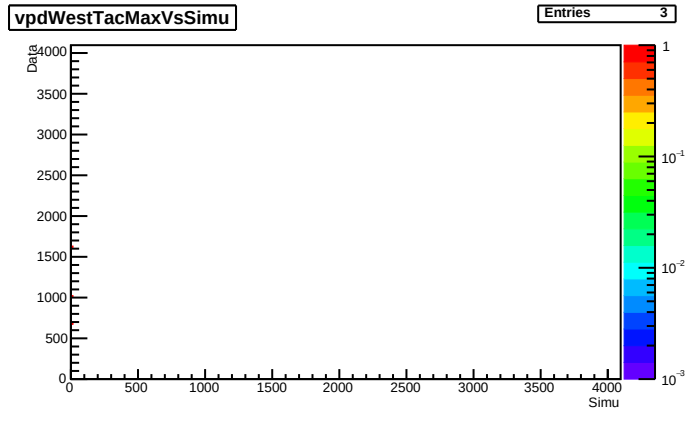

vpdEastTacMax
Entries 443544

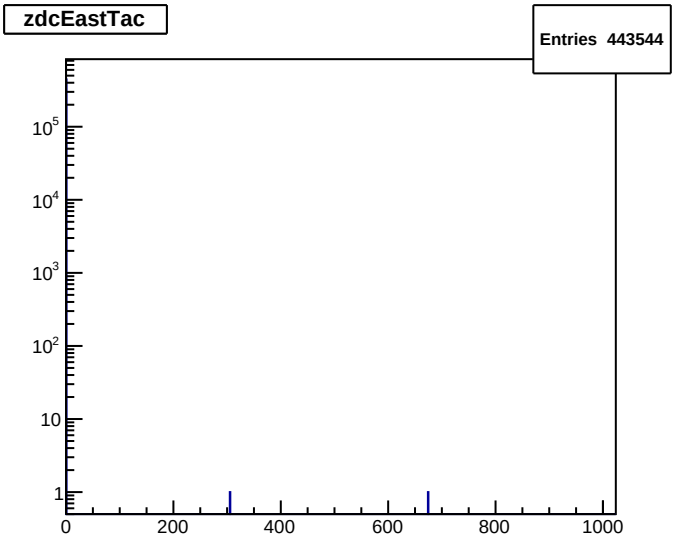

vpdEastTacMaxVsSimu
Entries 2
Data
Simu

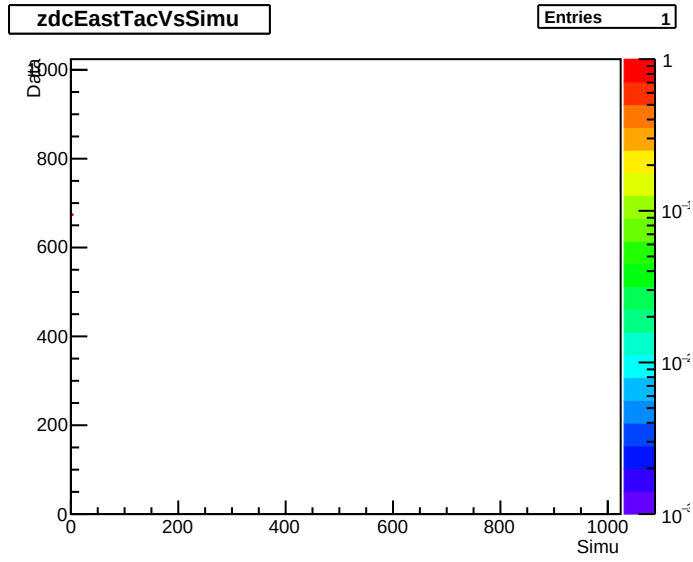

vpdWestAdcSum
Entries 443544

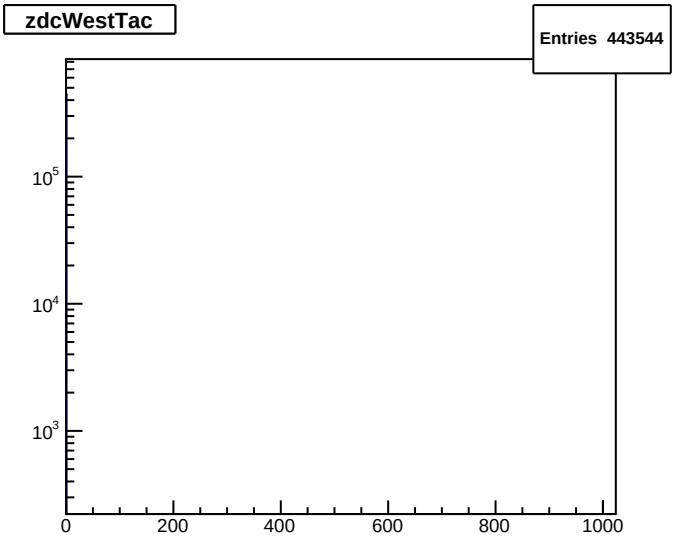

vpdWestAdcSumVsSimu
Entries 3
Data
Simu

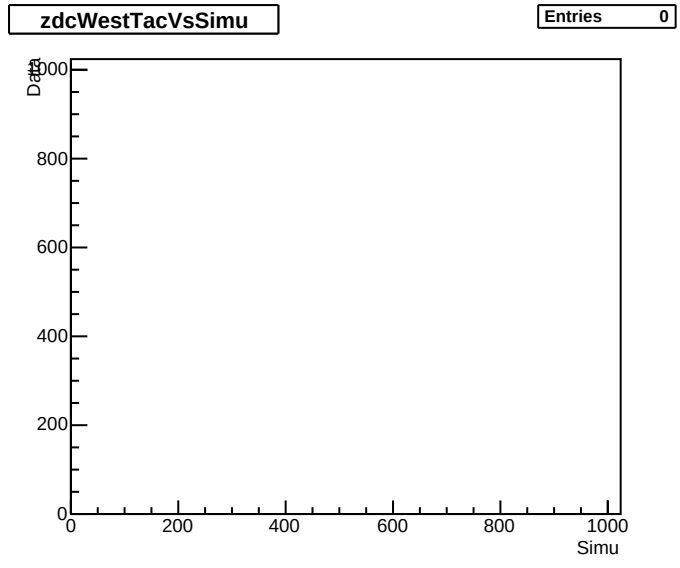

vpdWestTacMax
Entries 443544

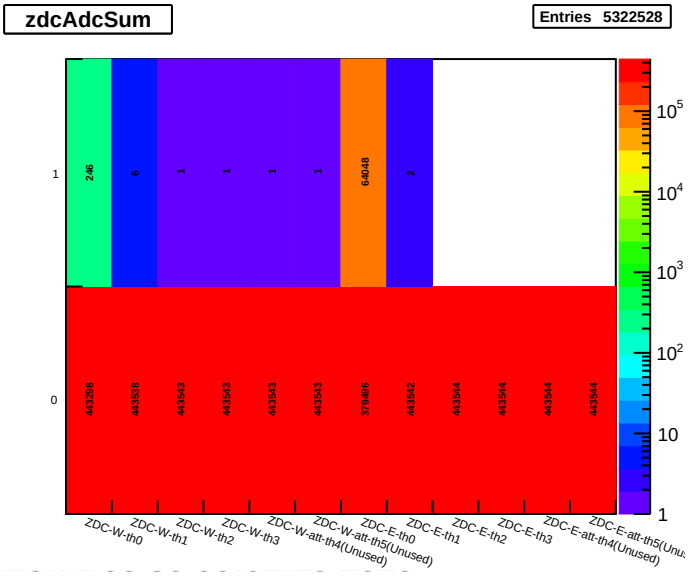

vpdWestTacMaxVsSimu
Entries 3
Data
Simu

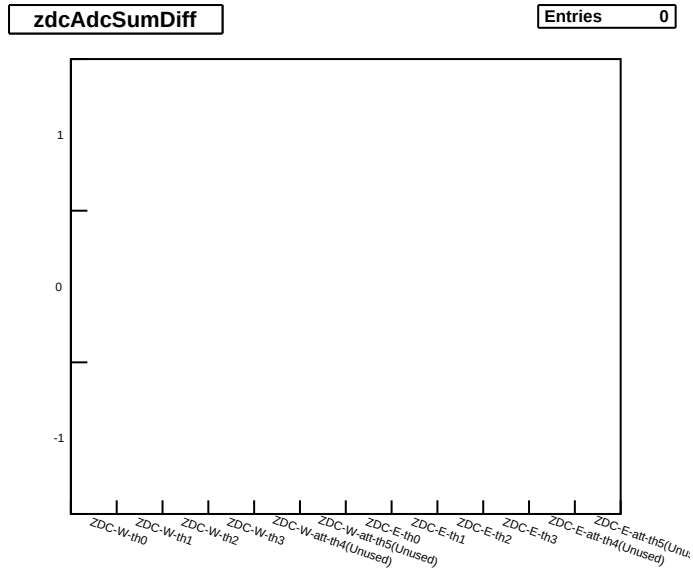

zdcEastTac
Entries 443544

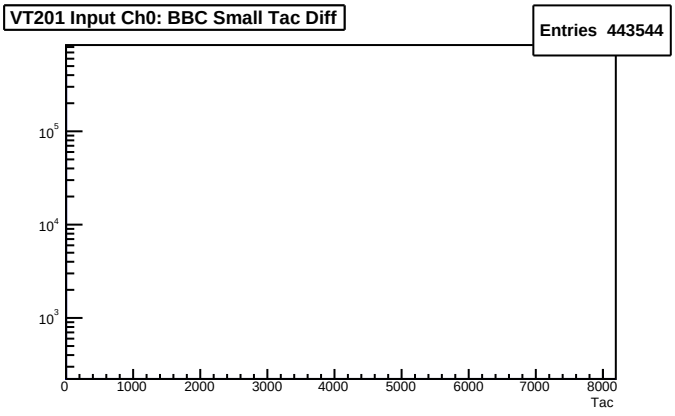

zdcEastTacVsSimu
Entries 1
Data
Simu

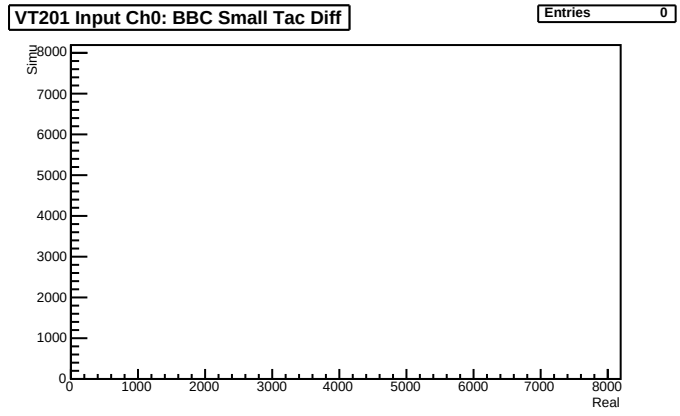

zdcWestTac
Entries 443544

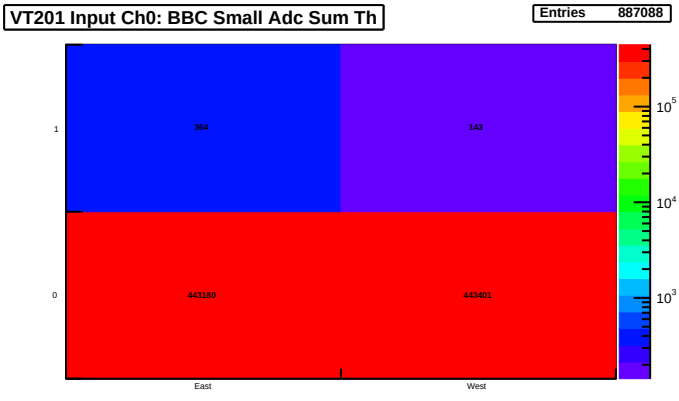

zdcWestTacVsSimu
Entries 0
Data
Simu

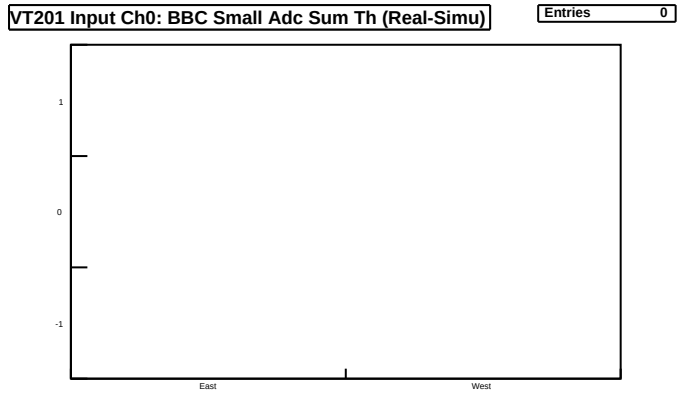

zdcAdcSum
Entries 5322528
246
6
1
1
1
1
64048
2
443288
443538
443543
443543
443543
443543
379496
443542
443544
443544
443544
443544
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

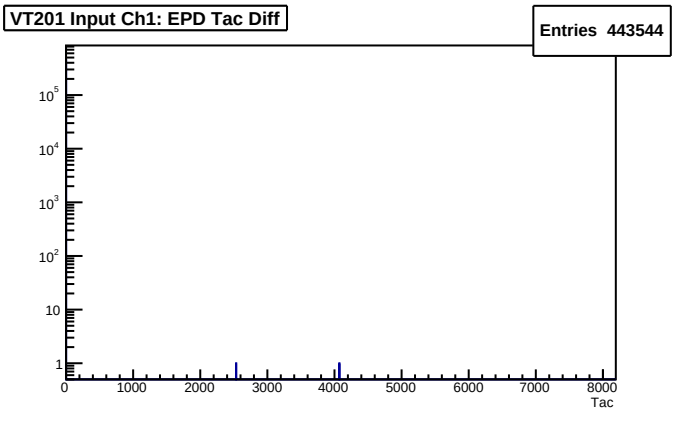

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

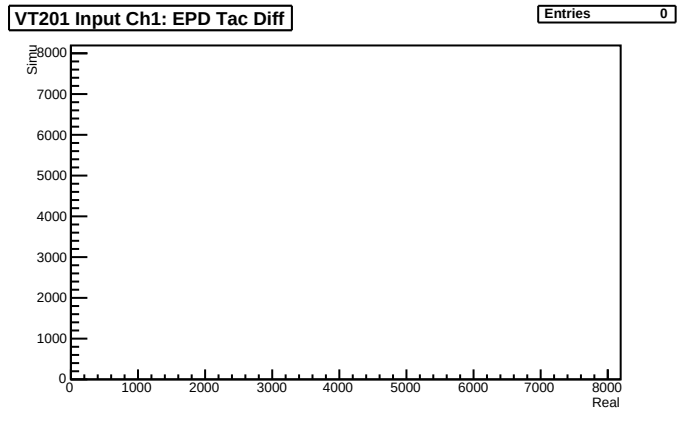

VT201 Input Ch0: BBC Small Tac Diff
Entries 443544
Tac

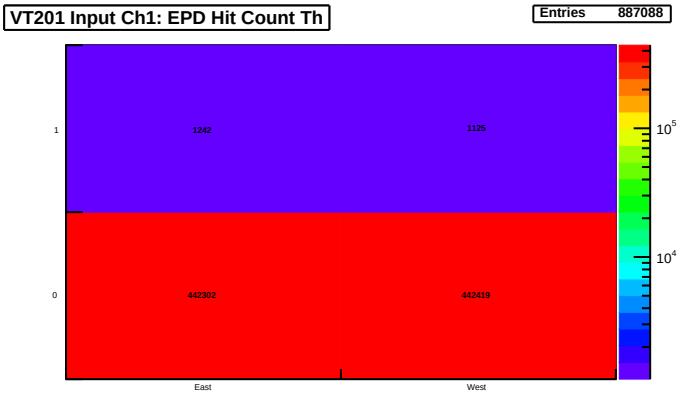

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

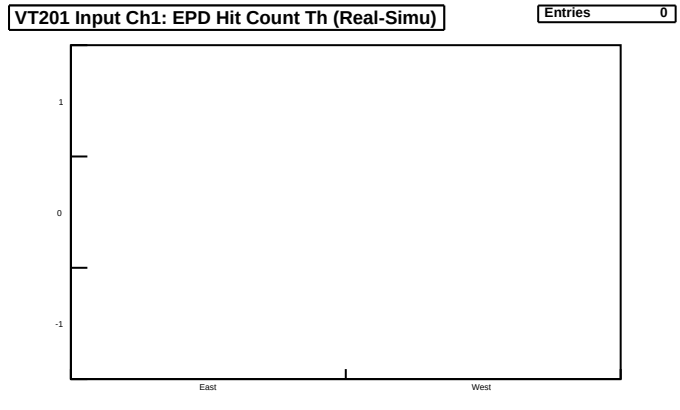

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 887088
364
143
443180
443401
East
West

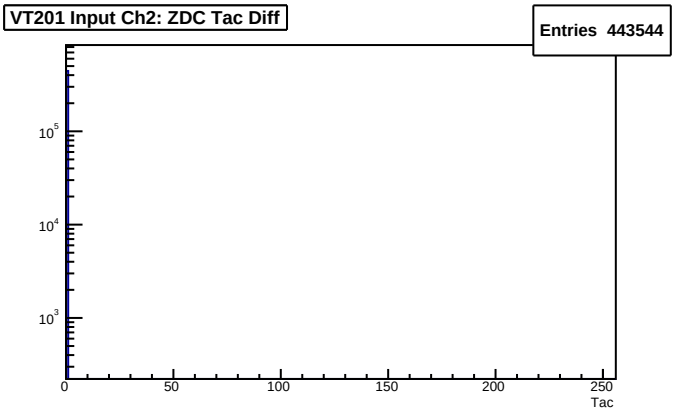

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

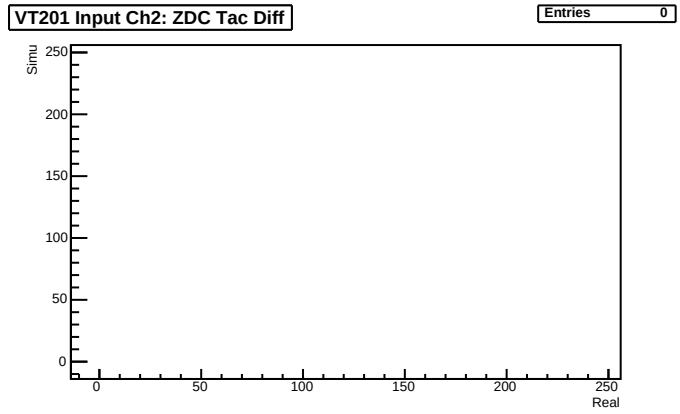

VT201 Input Ch1: EPD Tac Diff
Entries 443544
Tac

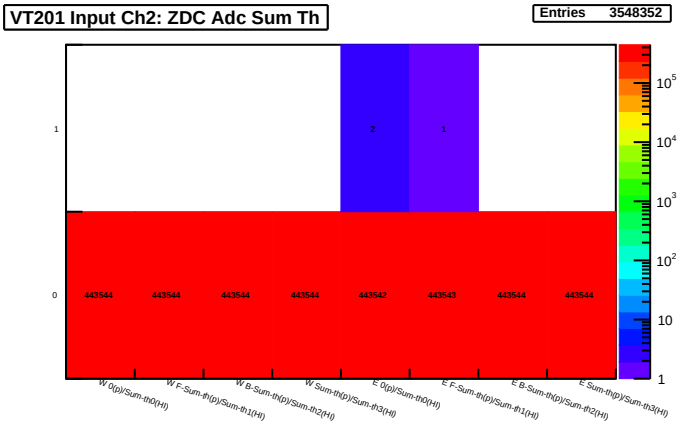

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

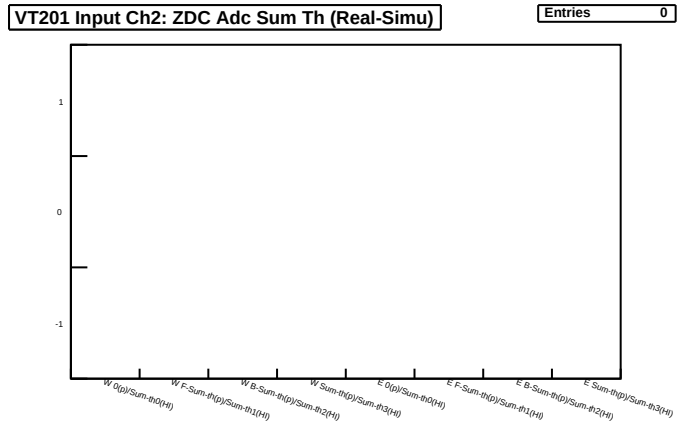

VT201 Input Ch1: EPD Hit Count Th
Entries 887088
1242
1125
442302
442419
East
West

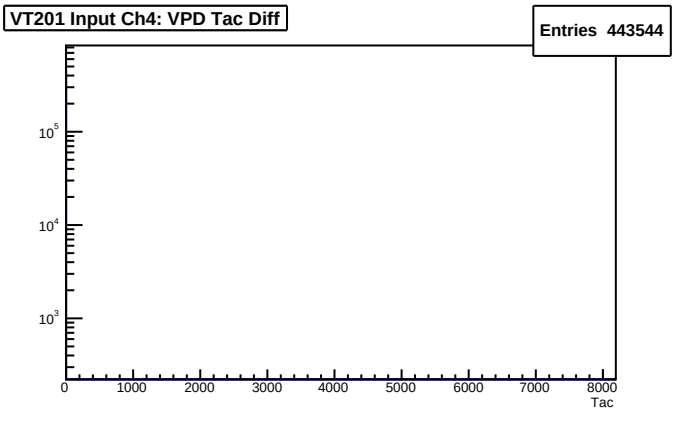

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

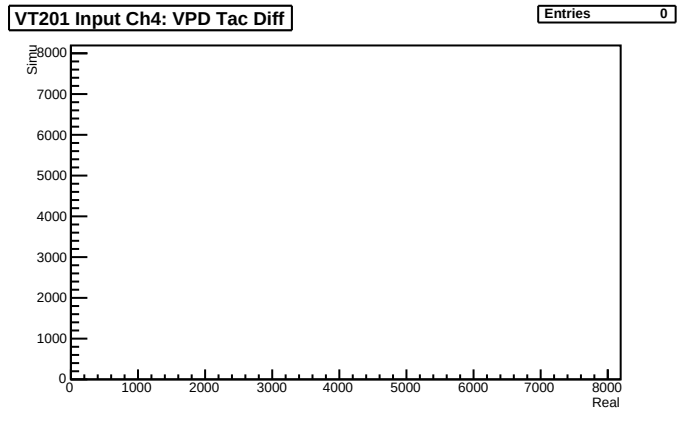

VT201 Input Ch2: ZDC Tac Diff
Entries 443544
Tac

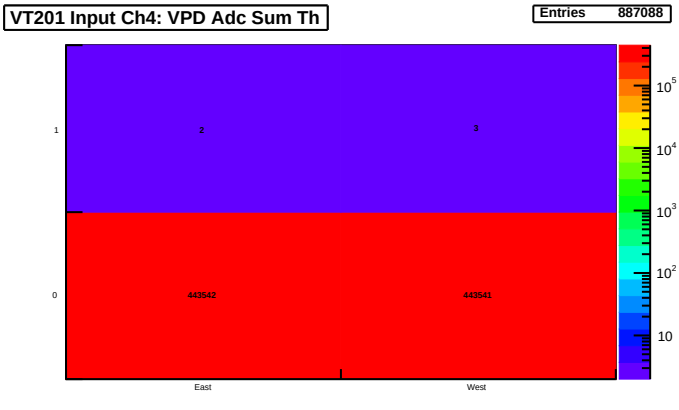

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

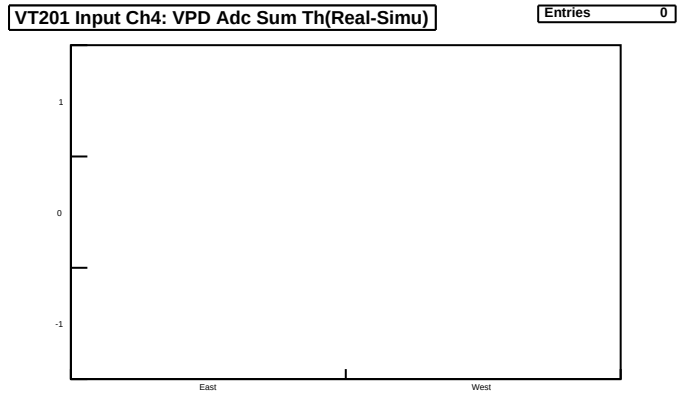

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3548352
443544
443544
443544
443544
443542
443543
443544
443544
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

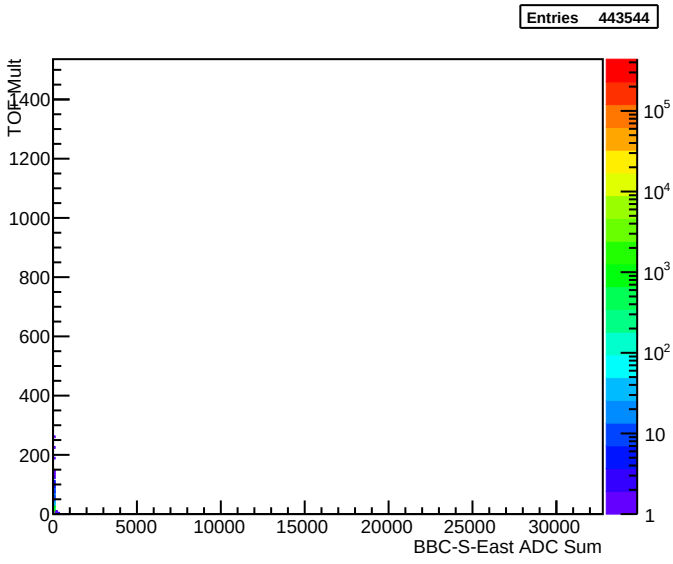

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

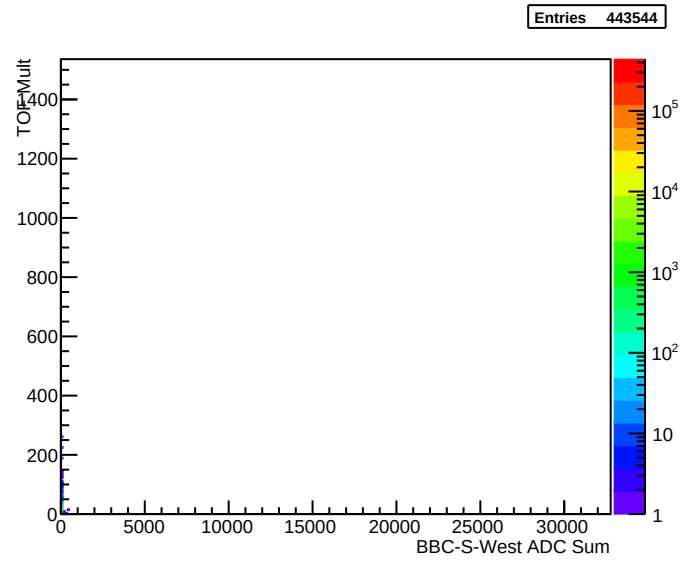

VT201 Input Ch4: VPD Tac Diff
Entries 443544
Tac

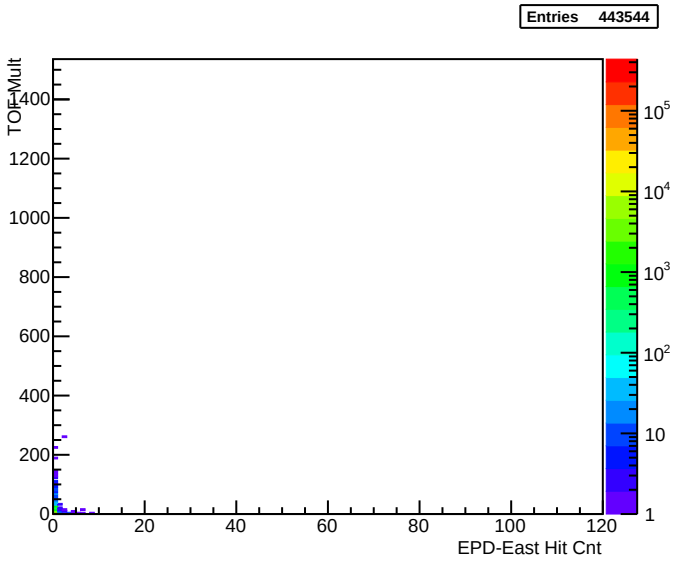

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

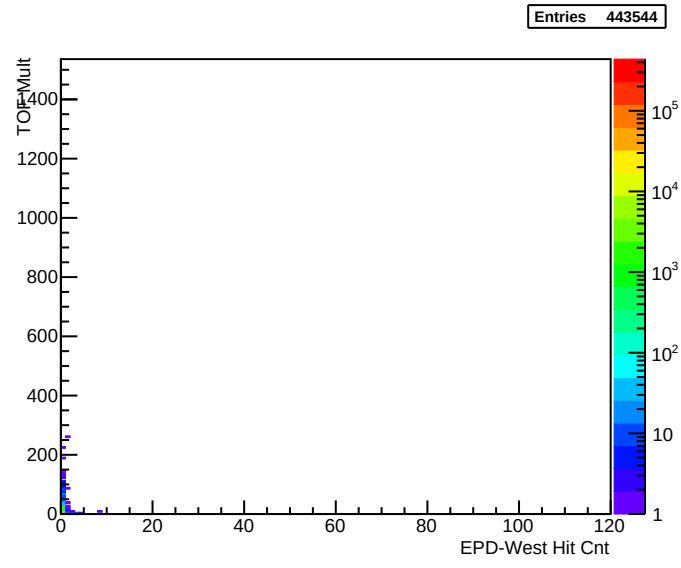

VT201 Input Ch4: VPD Adc Sum Th
Entries 887088
443542
443541
East
West

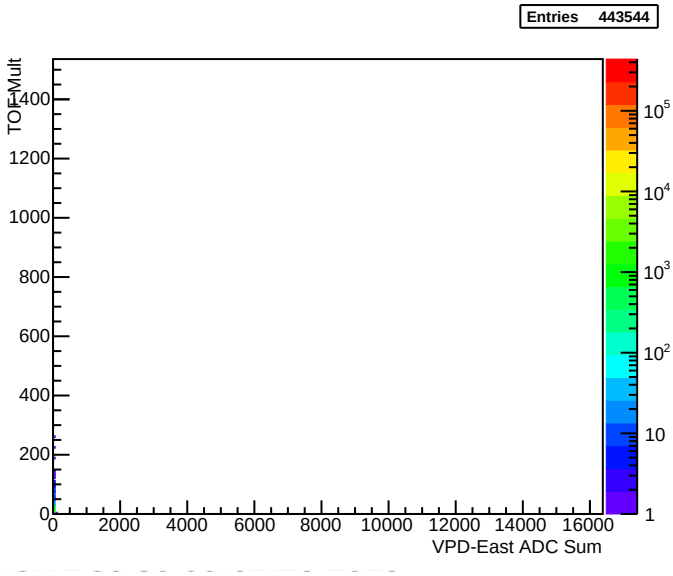

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

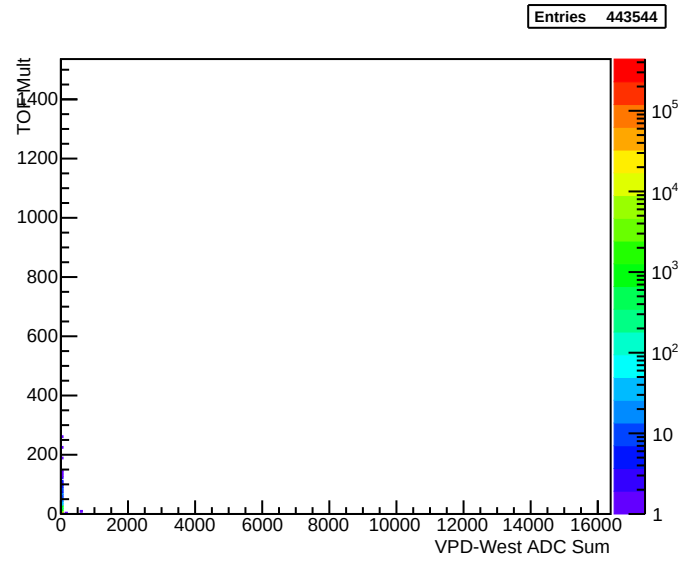

Entries 443544
TOF-Mult
BBC-S-East ADC Sum

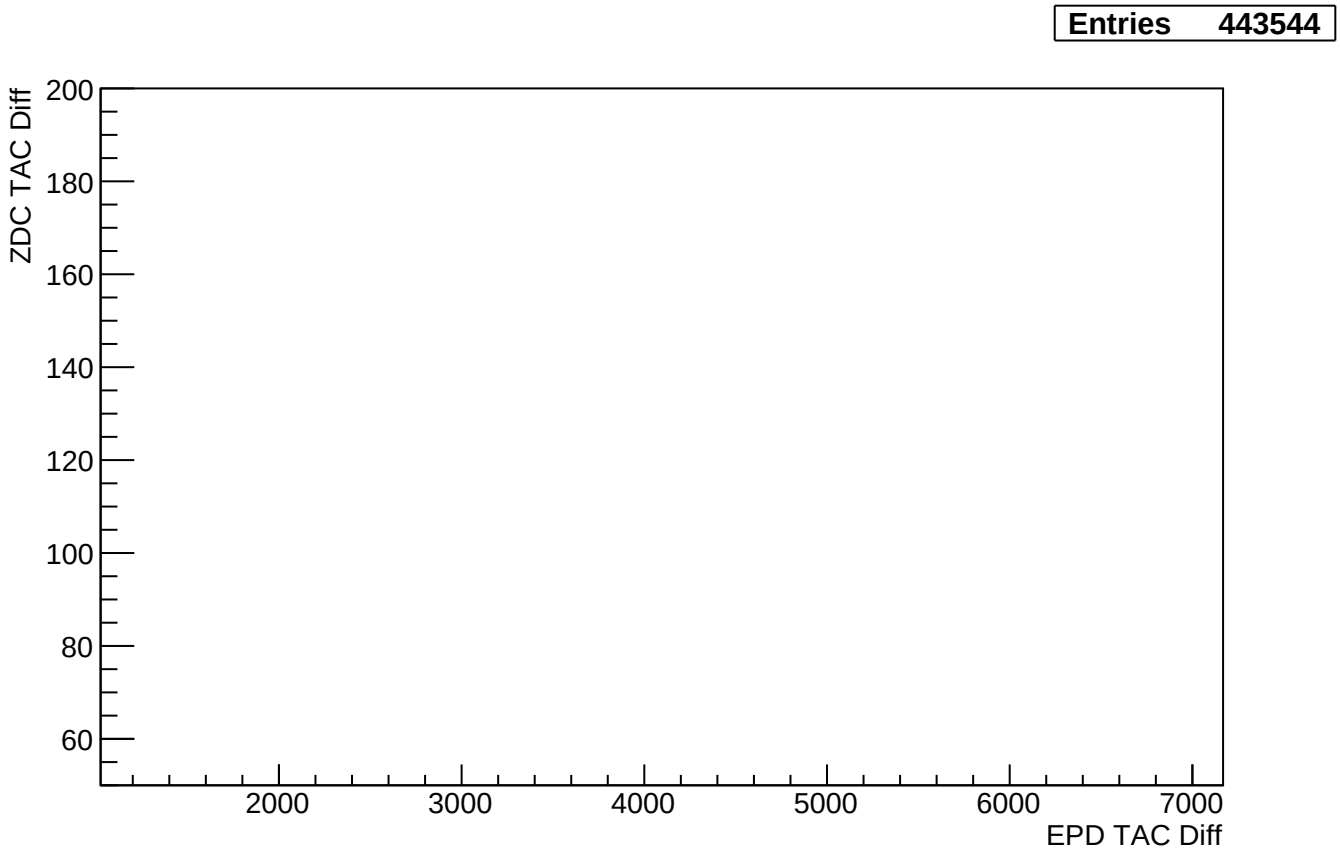

Entries 443544
TOF-Mult
BBC-S-West ADC Sum

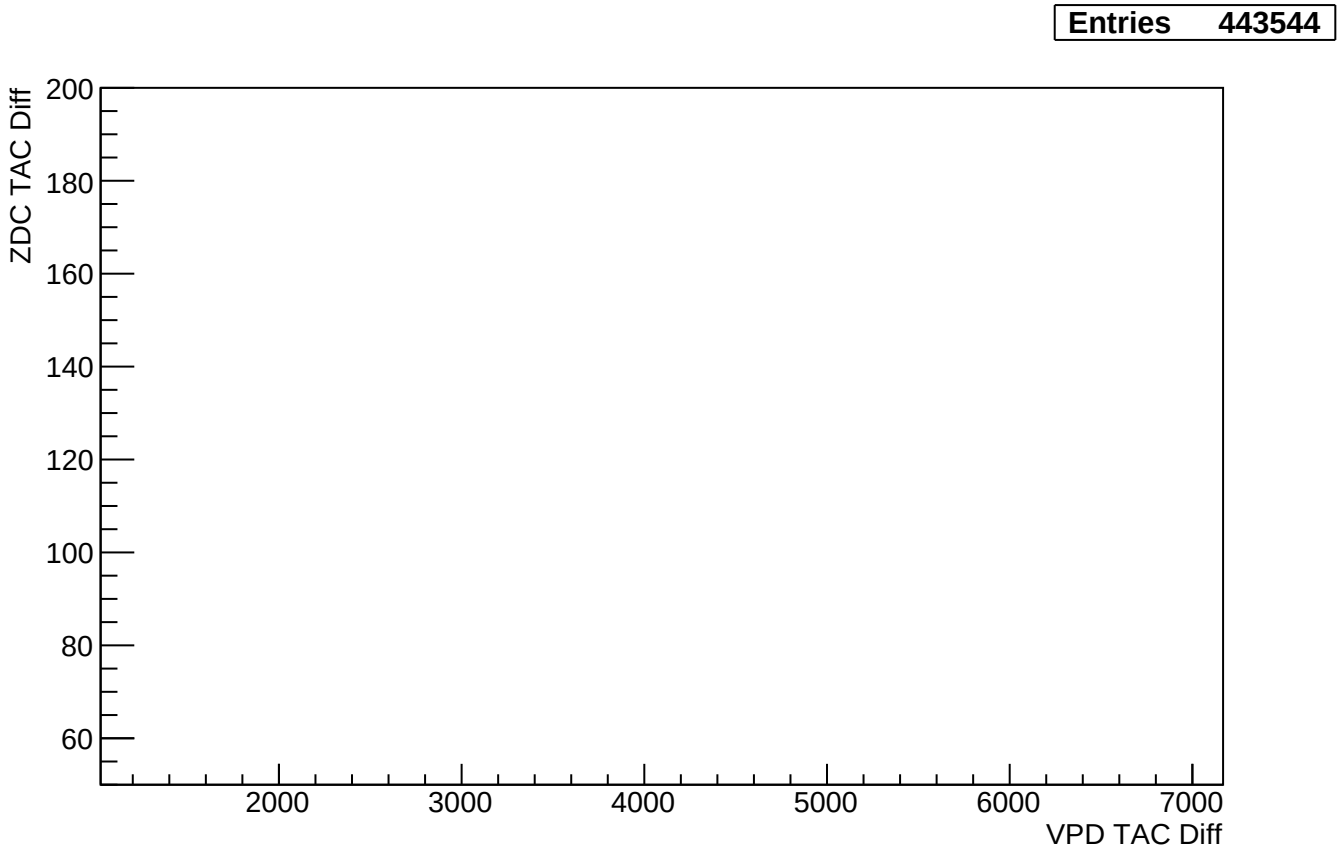

Entries 443544
TOF-Mult
EPD-East Hit Cnt

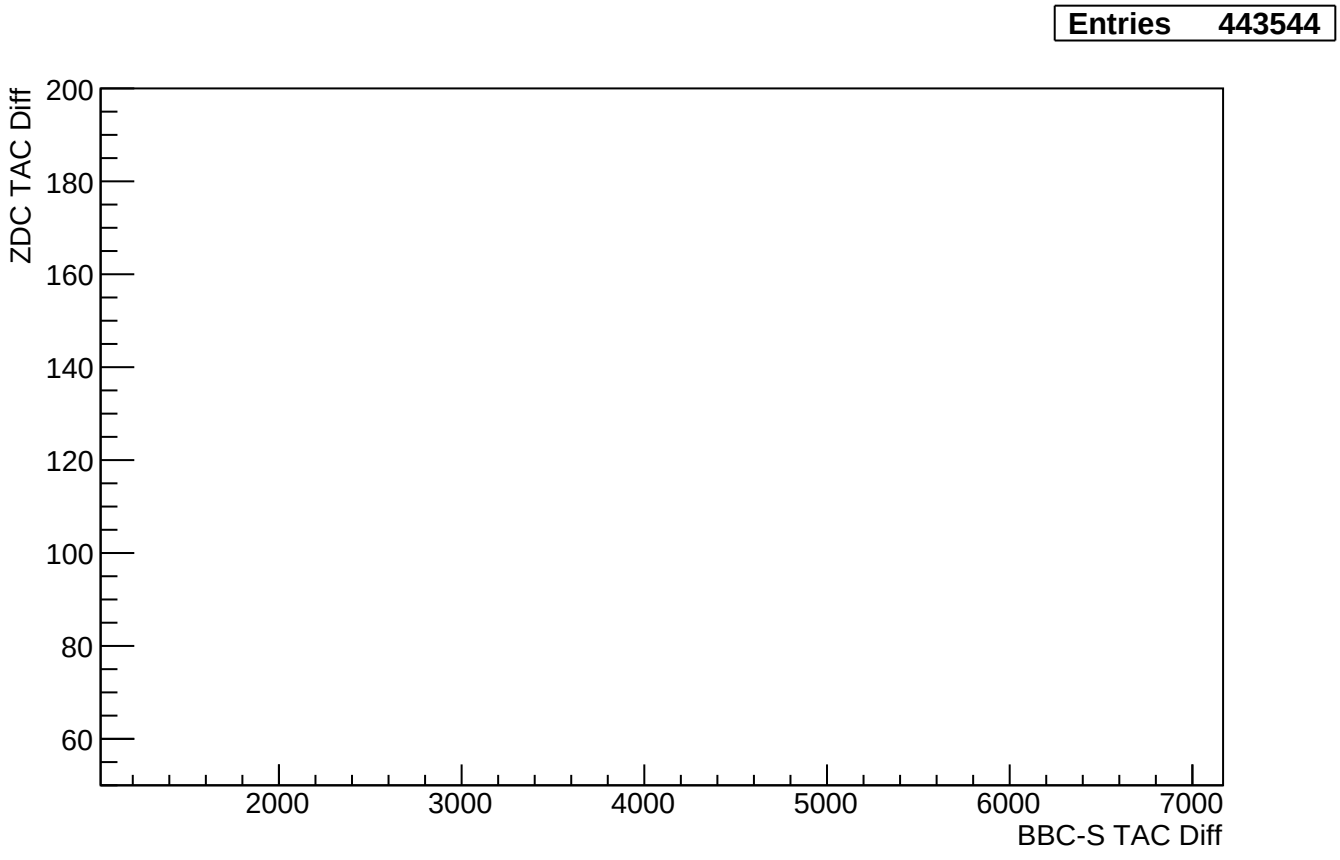

Entries 443544
TOF-Mult
EPD-West Hit Cnt

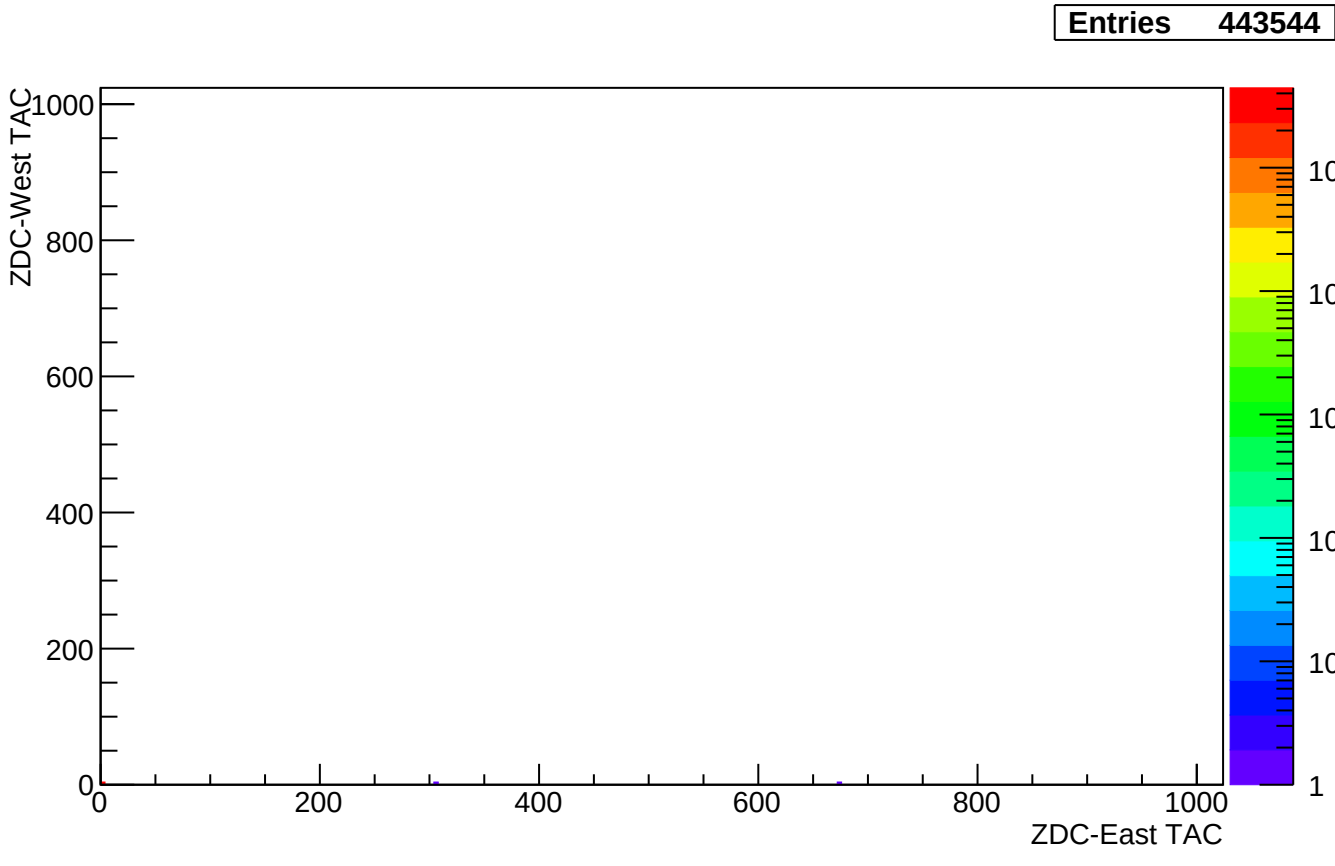

Entries 443544
TOF-Mult
VPD-East ADC Sum

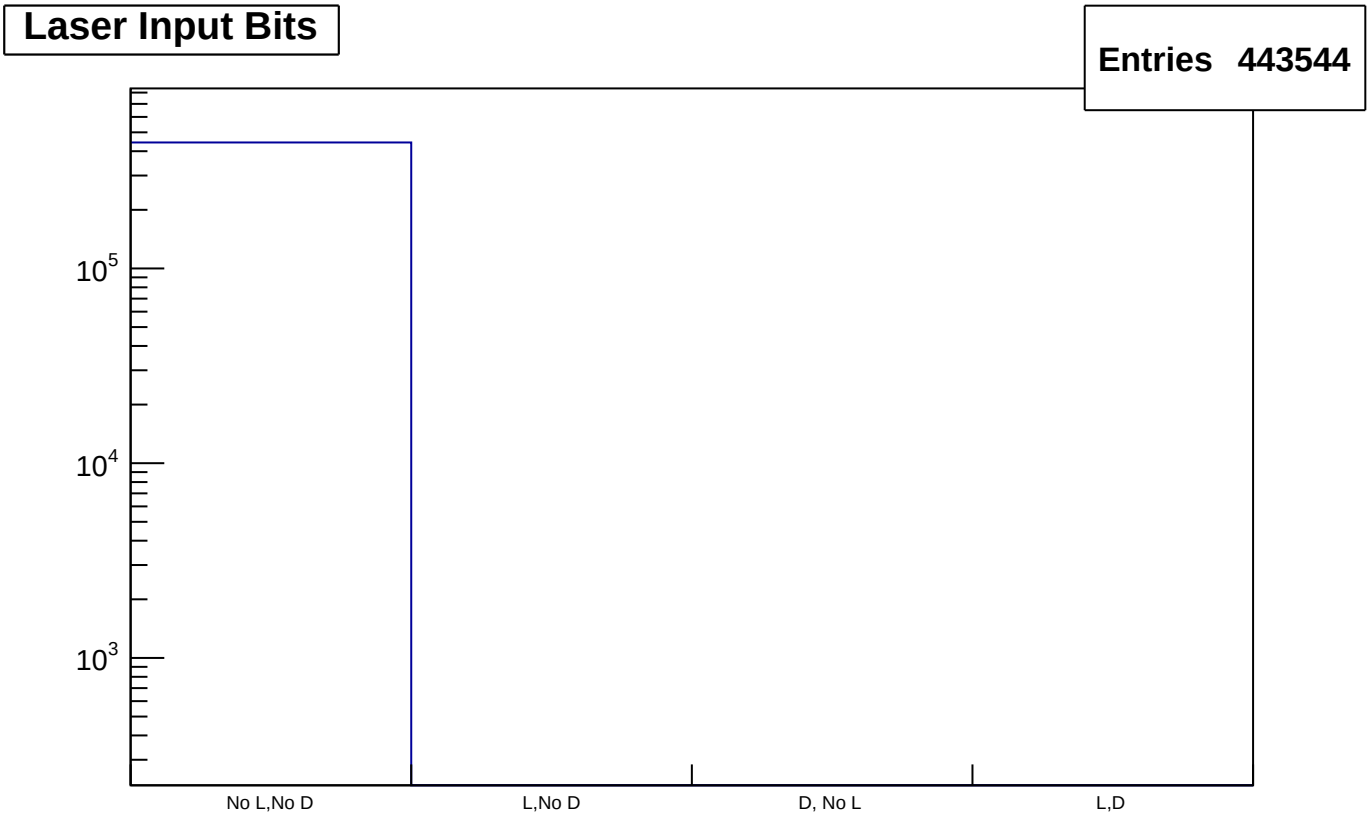

Entries 443544
TOF-Mult
VPD-West ADC Sum

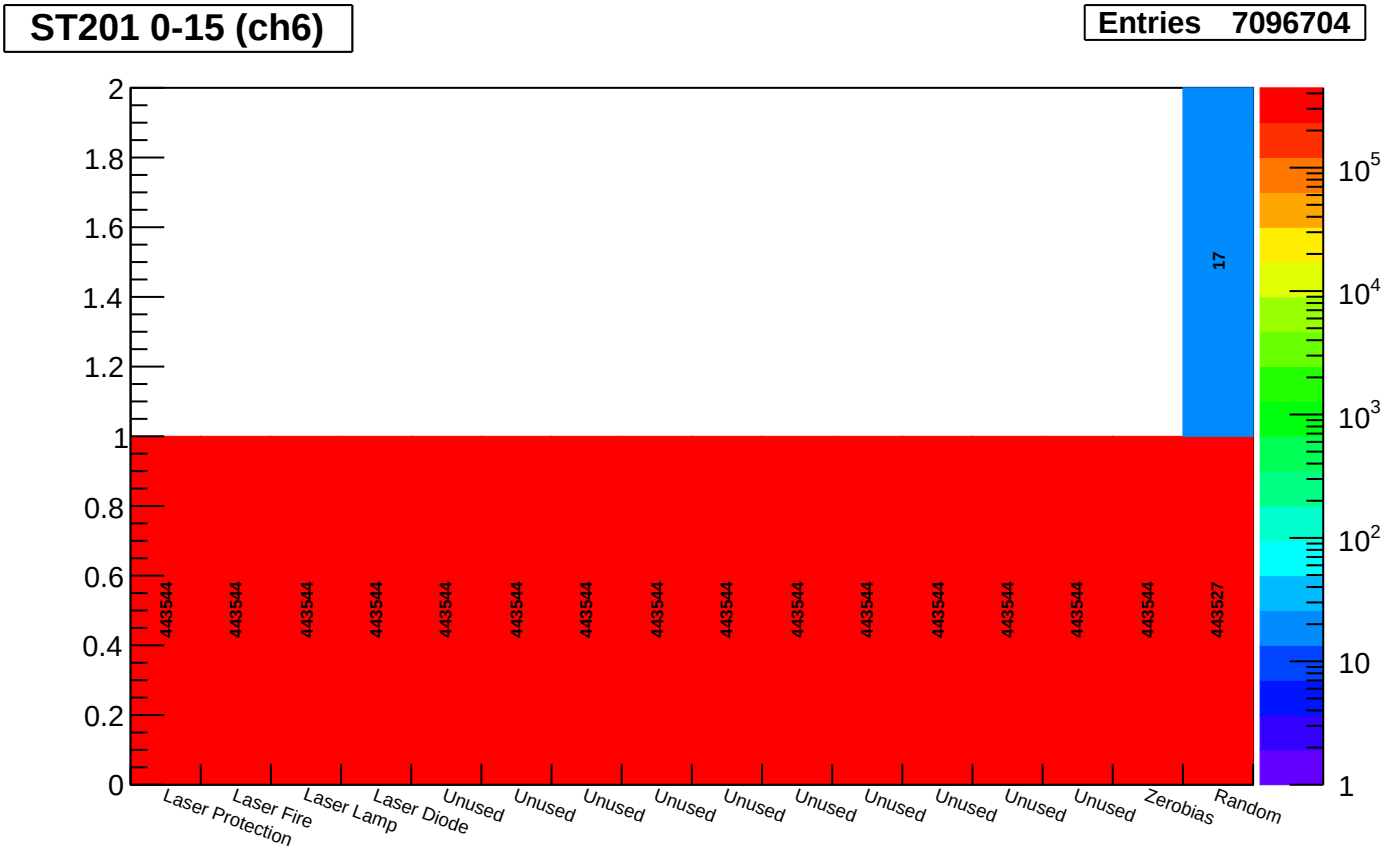

Entries 443544
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff

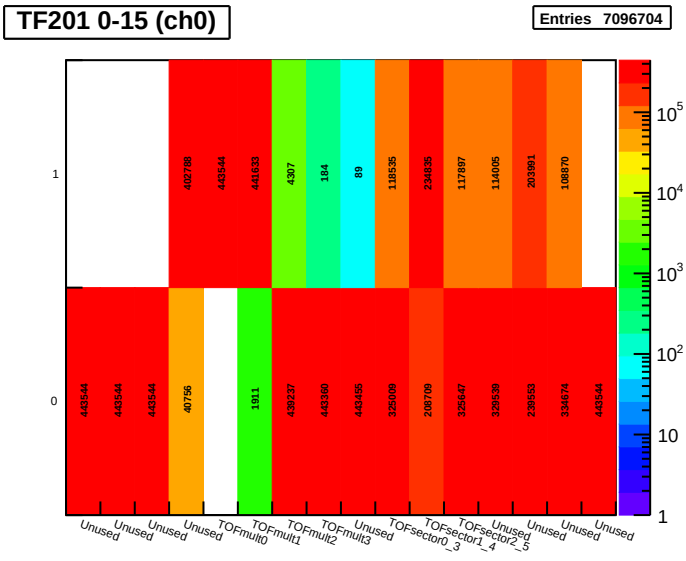

Entries 443544
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

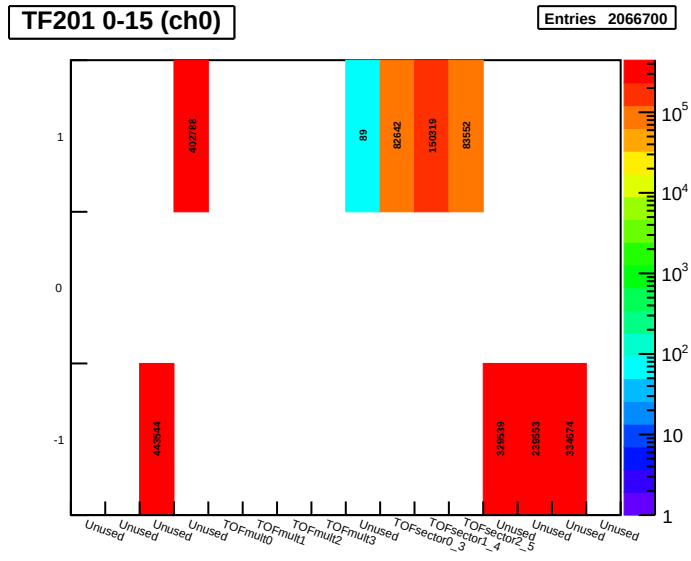

Entries 443544
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff

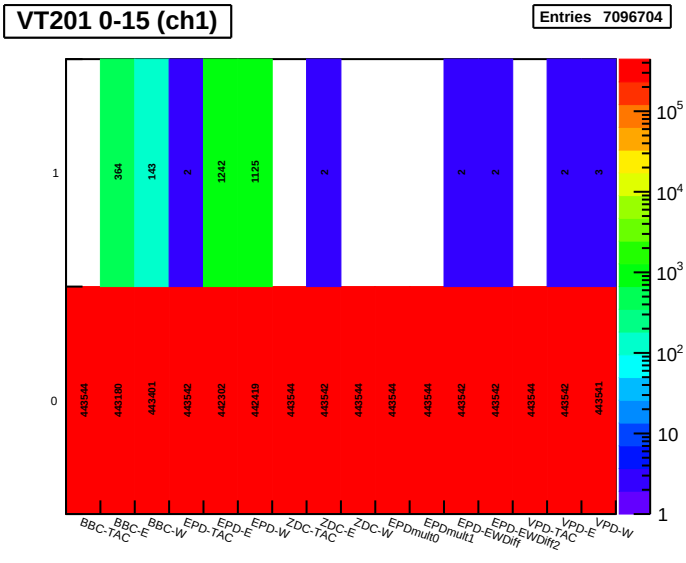

Entries 443544
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

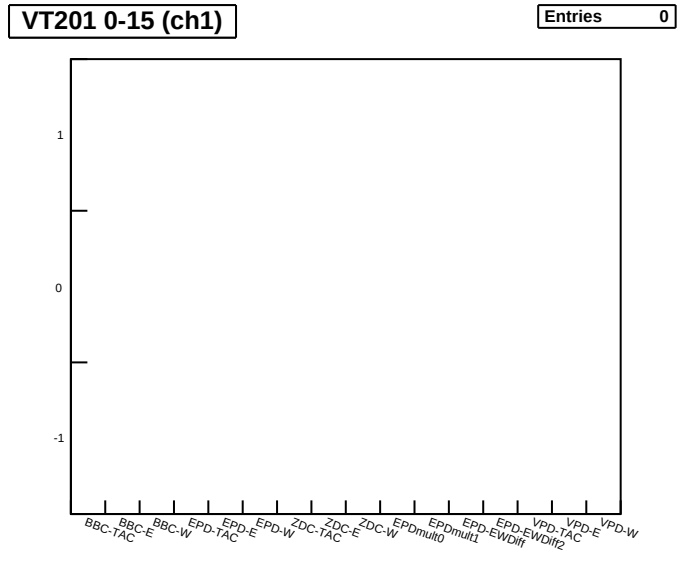

Laser Input Bits
Entries 443544
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

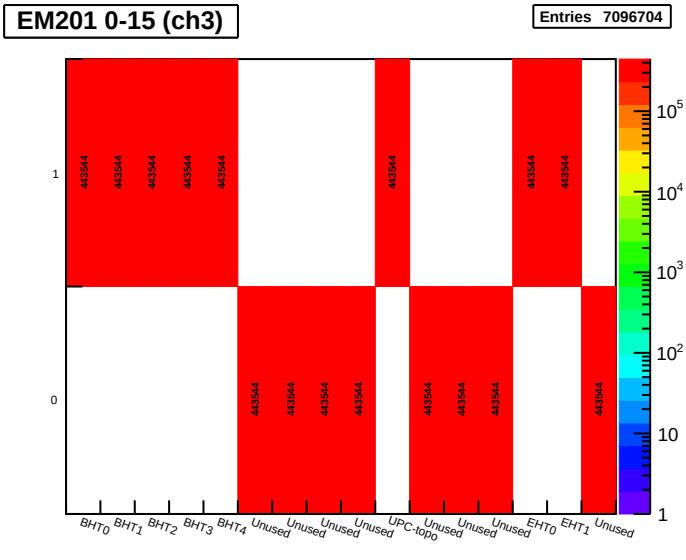

ST201 0-15 (ch6)
Entries 7096704
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
17
443544
443527
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

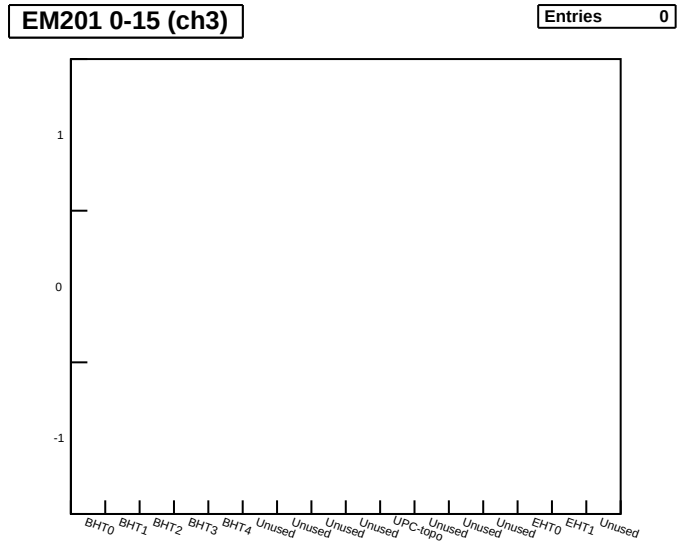

TF201 0-15 (ch0)
Entries 7096704
402788 443544 441633 4307 184 89 118535 234835 117897 114005 203991 108870
443544 443544 443544 40756 1911 439237 442360 443455 325009 208709 325647 329539 239553 334674 443544
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


TF201 0-15 (ch0)
Entries 2066700
402788 89 82642 150319 83552
443544 329539 239553 334674
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 7096704
364 143 2 1242 1125 2 2 2 2 3
443544 443180 443401 443542 442302 442419 443544 443542 443544 443544 443544 443542 443542 443544 443542 443541
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


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


EM201 0-15 (ch3)
Entries 7096704
443544 443544 443544 443544 443544 443544 443544 443544
443544 443544 443544 443544 443544 443544 443544 443544
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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