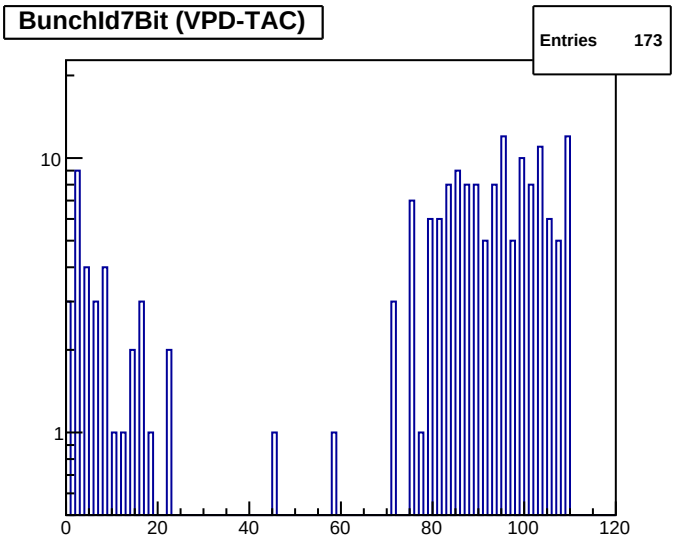
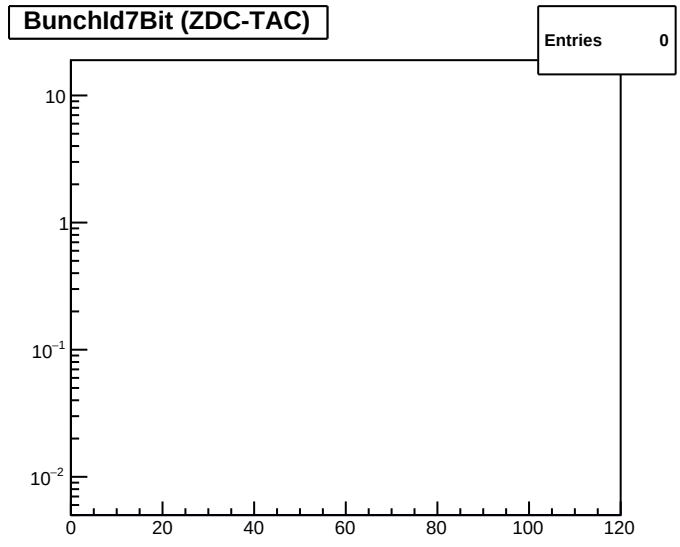
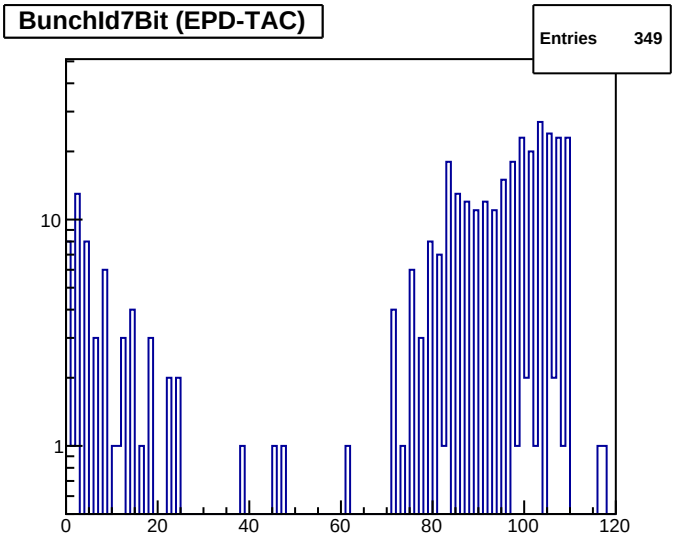
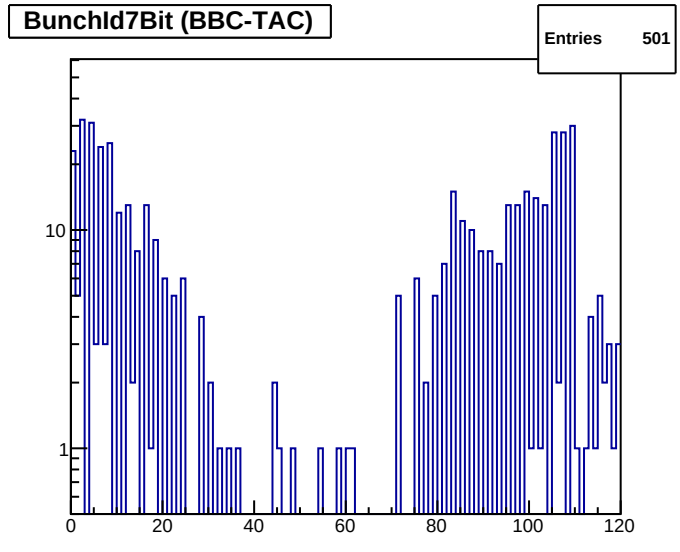
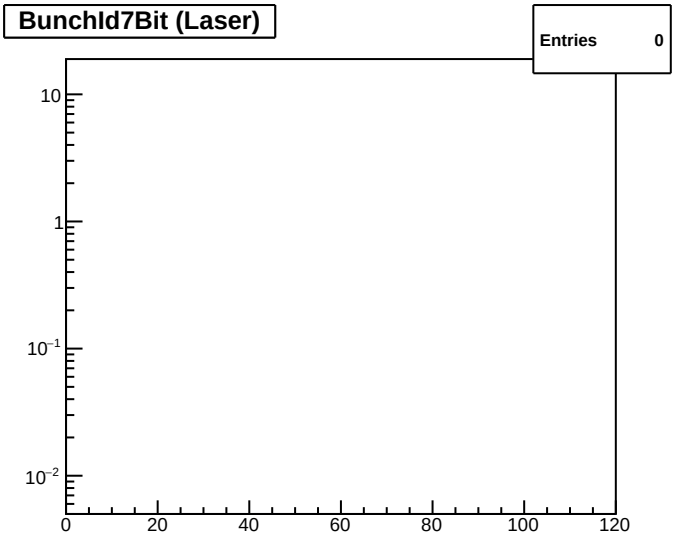
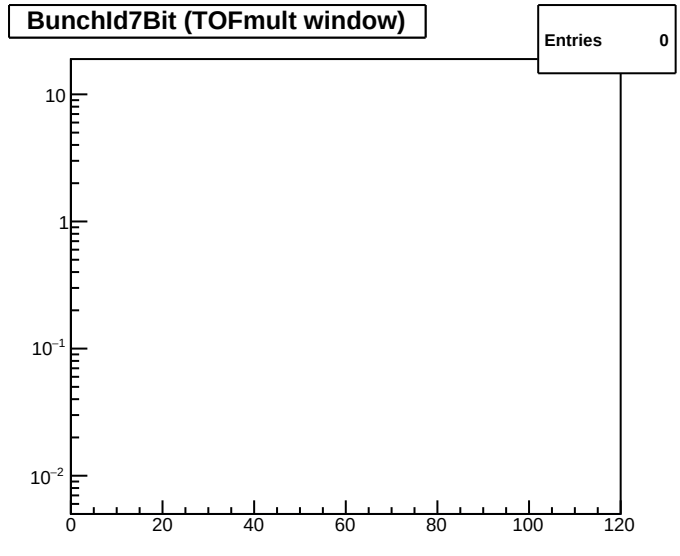

BunchId7Bit (VPD-TAC)
Entries 173

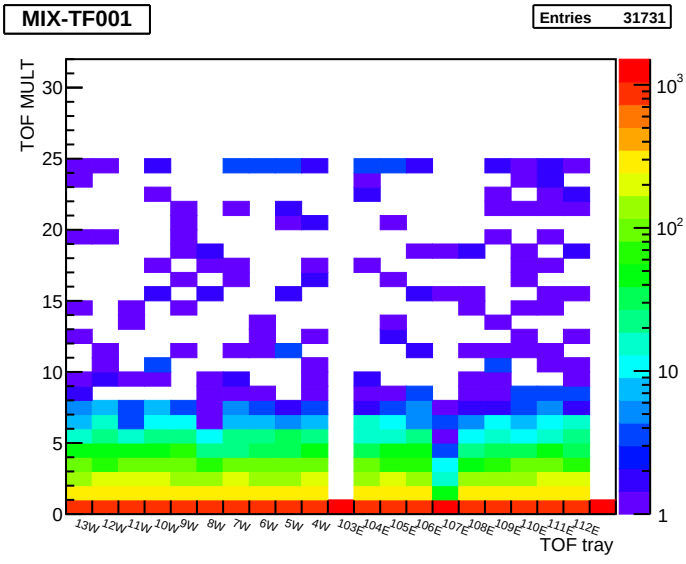

BunchId7Bit (ZDC-TAC)
Entries 0

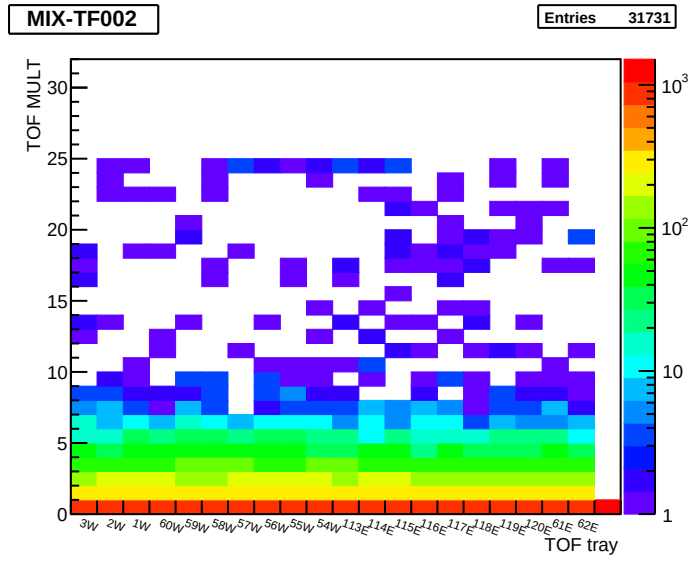

BunchId7Bit (EPD-TAC)
Entries 349

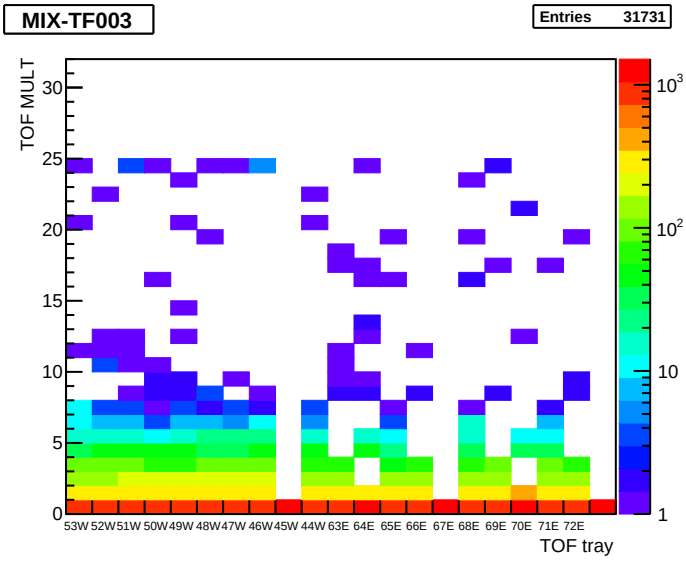

BunchId7Bit (BBC-TAC)
Entries 501

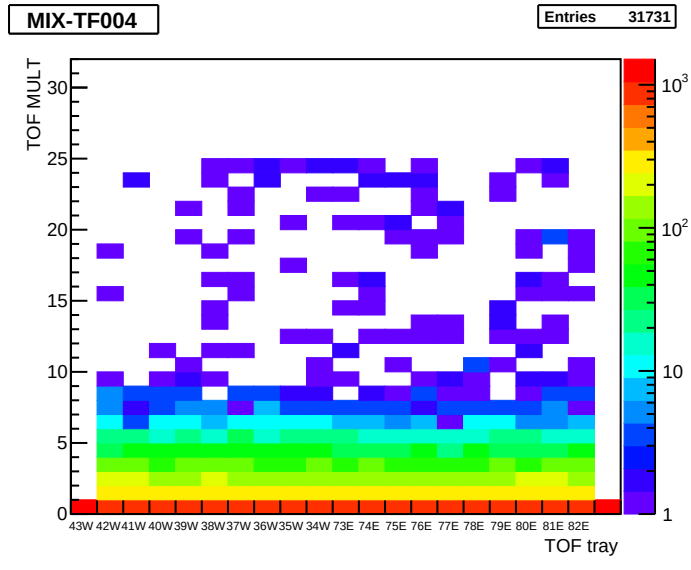

BunchId7Bit (Laser)
Entries 0

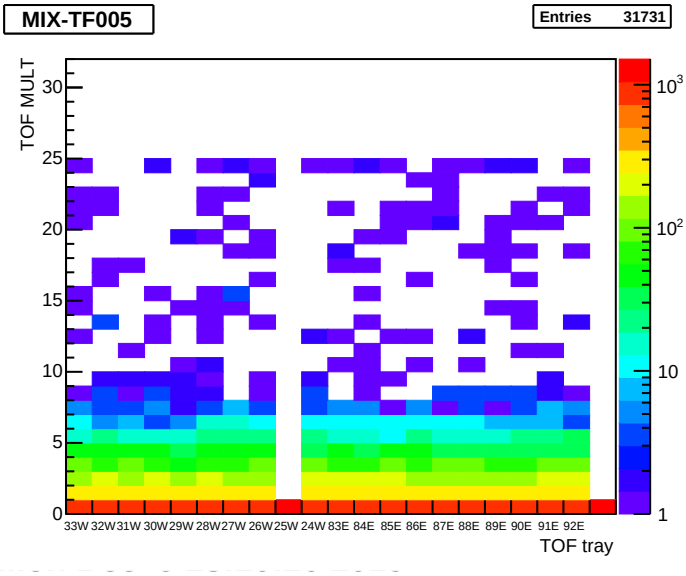

BunchId7Bit (TOFmult window)
Entries 0

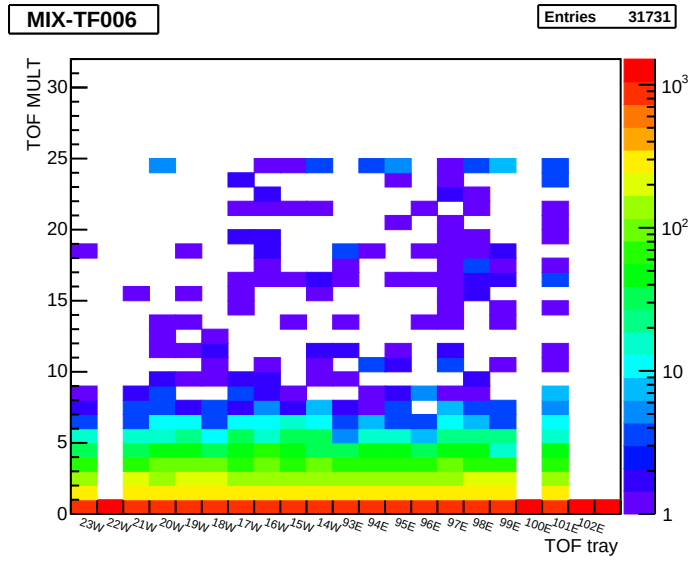

MIX-TF001
Entries 31731
TOF MULT
TOF tray

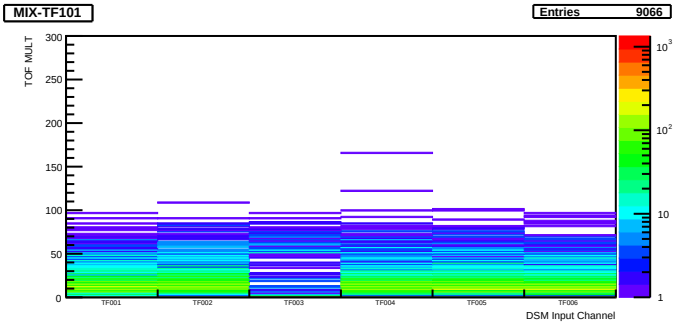

MIX-TF002
Entries 31731
TOF MULT
TOF tray

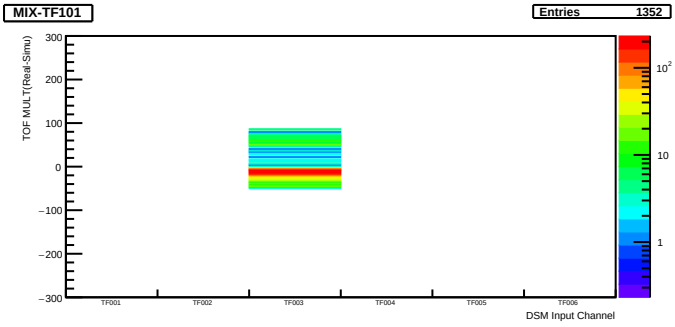

MIX-TF003
Entries 31731
TOF MULT
TOF tray

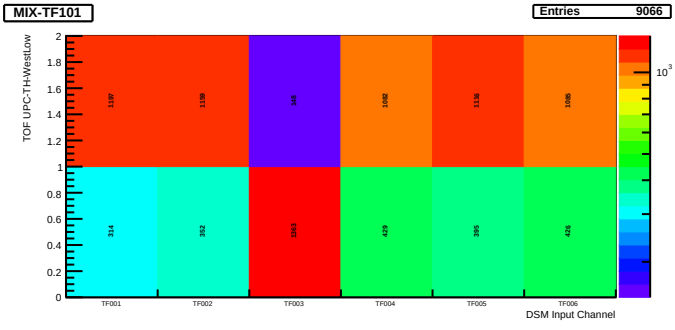

MIX-TF004
Entries 31731
TOF MULT
TOF tray

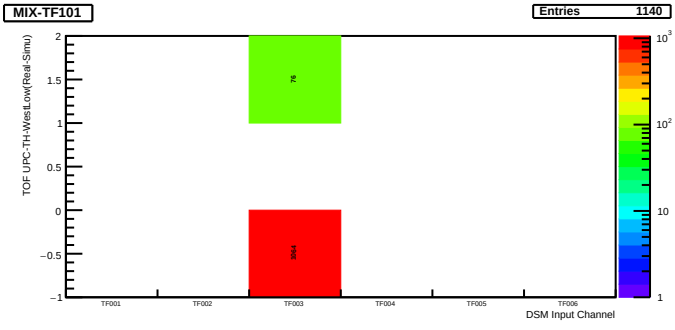

MIX-TF005
Entries 31731
TOF MULT
TOF tray

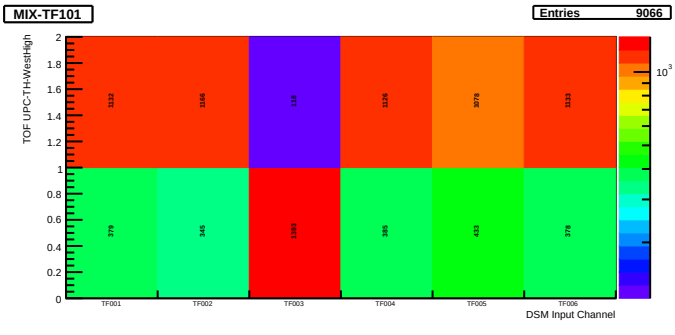

MIX-TF006
Entries 31731
TOF MULT
TOF tray

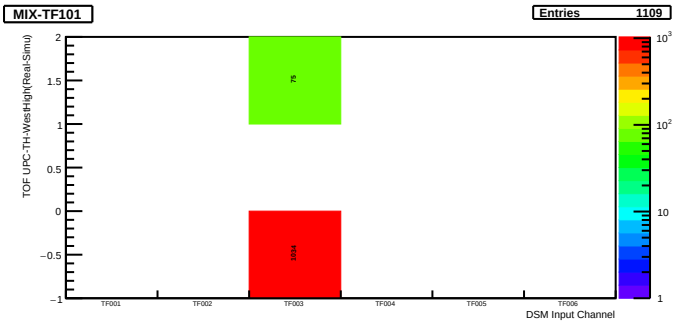

MIX-TF101
Entries 9066
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

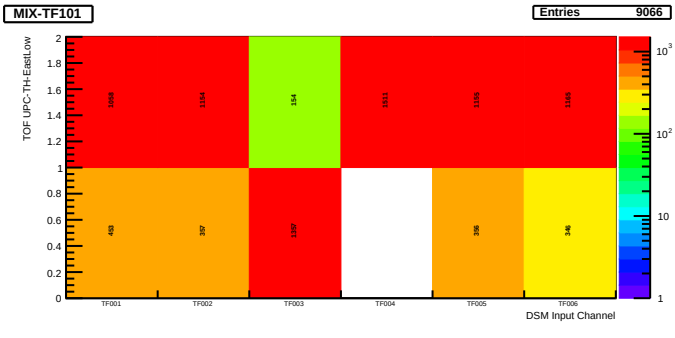

MIX-TF101
Entries 1352
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

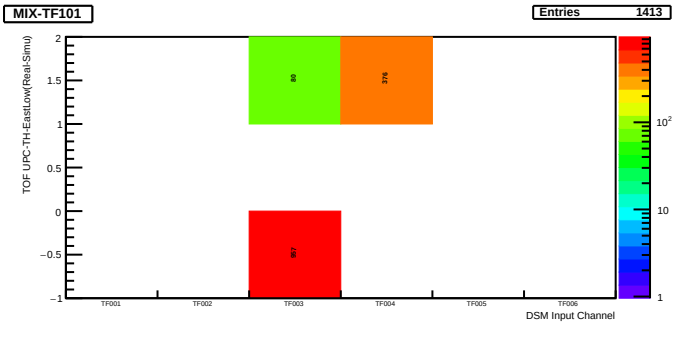

MIX-TF101
Entries 9066
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

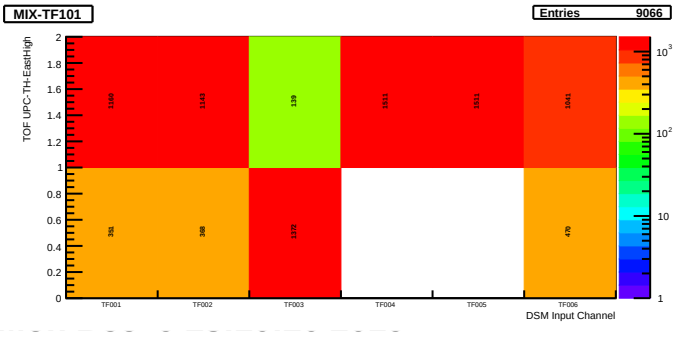

MIX-TF101
Entries 1140
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

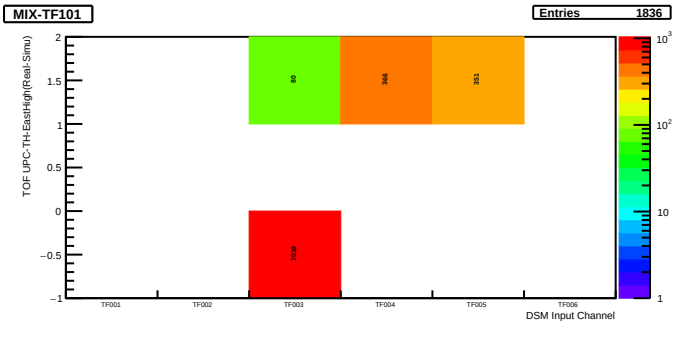

MIX-TF101
Entries 9066
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

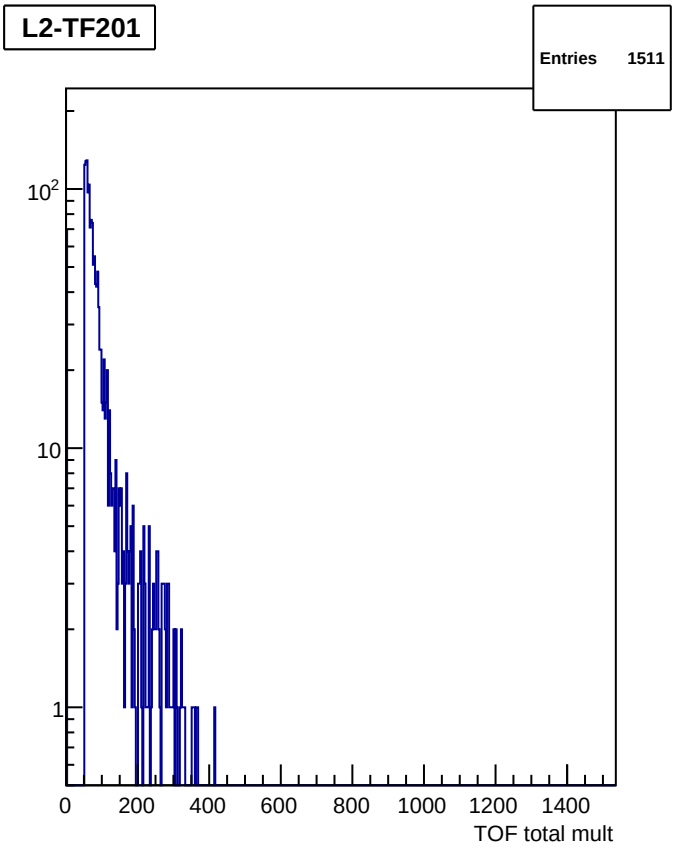

MIX-TF101
Entries 1109
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

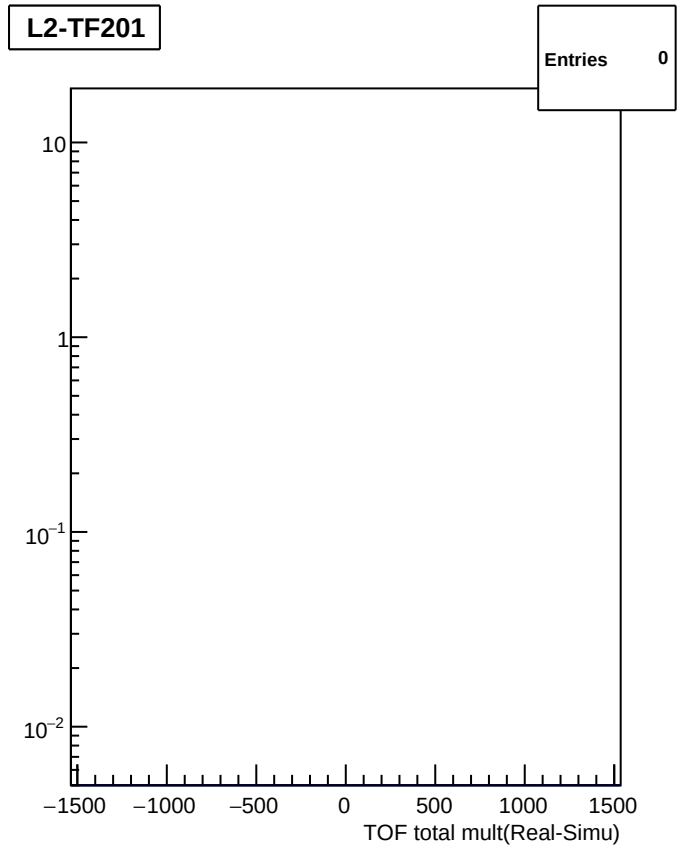

MIX-TF101
Entries 9066
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

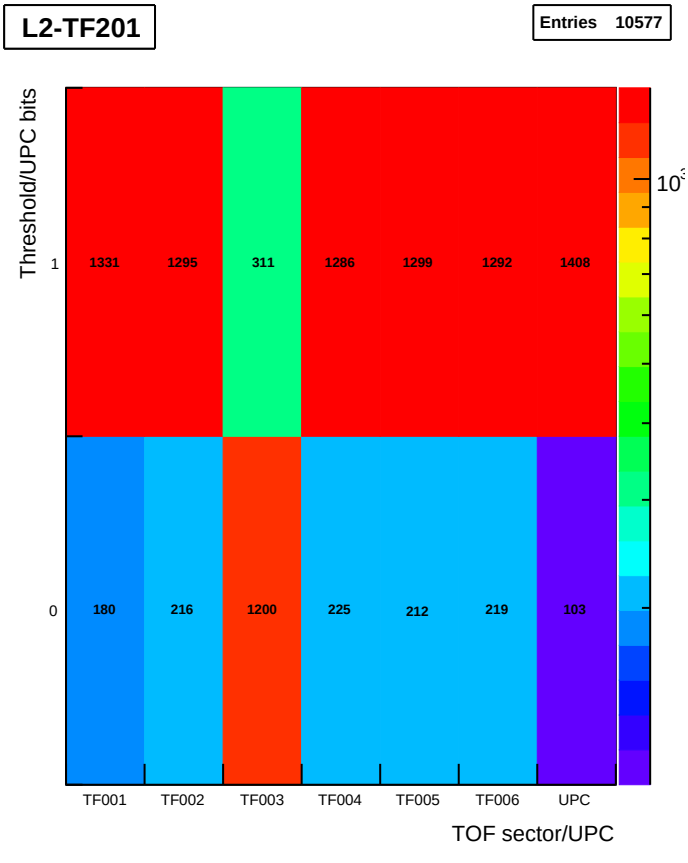

MIX-TF101
Entries 1413
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

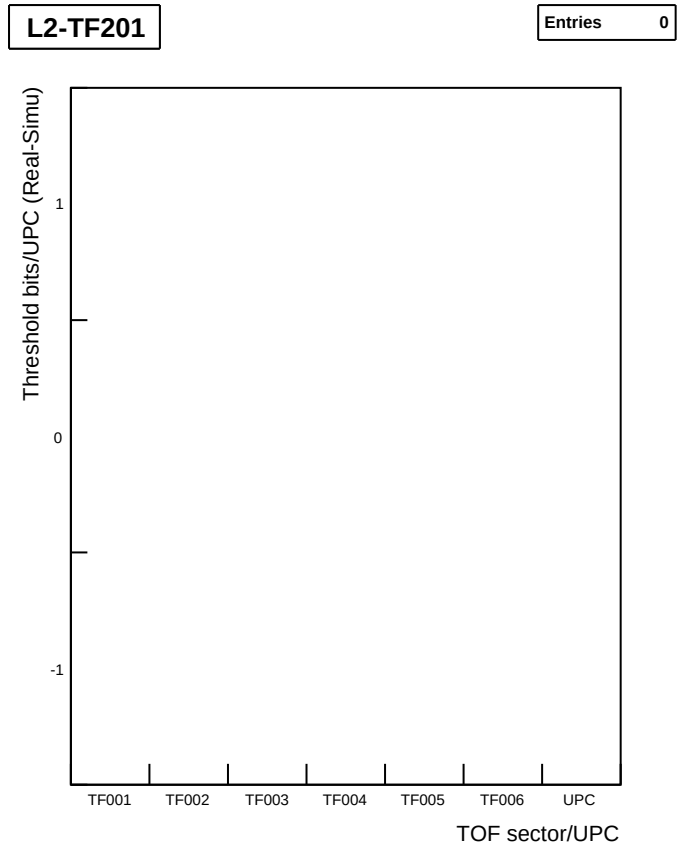

MIX-TF101
Entries 9066
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

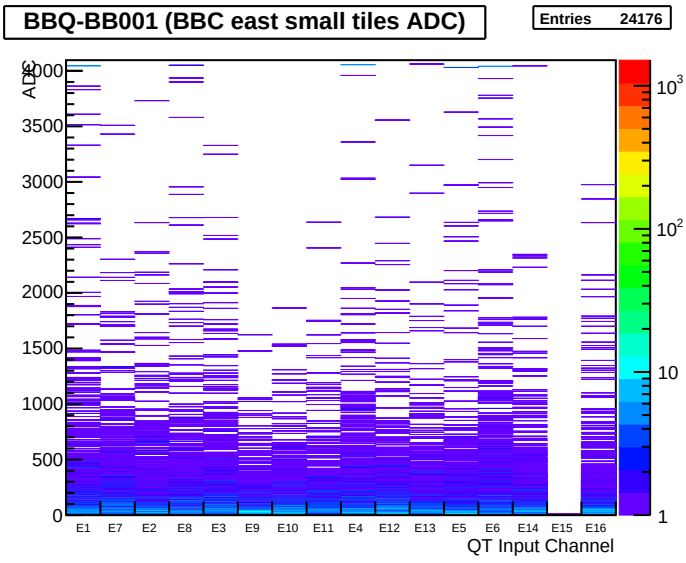

MIX-TF101
Entries 1836
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

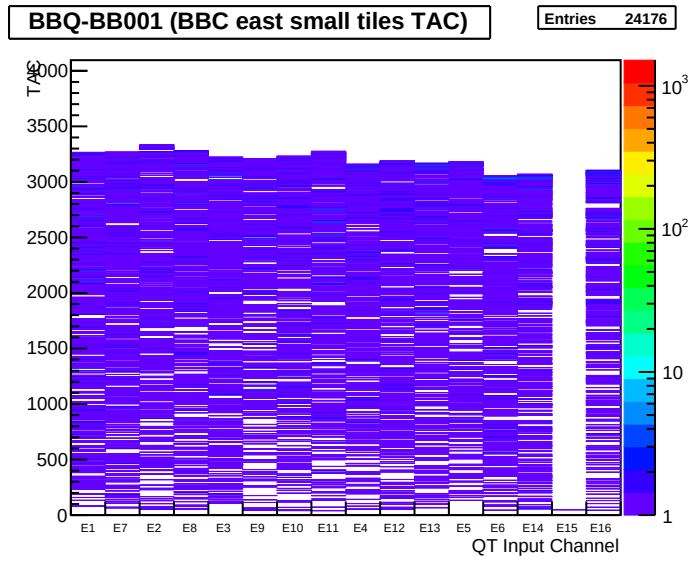

L2-TF201
Entries 1511
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

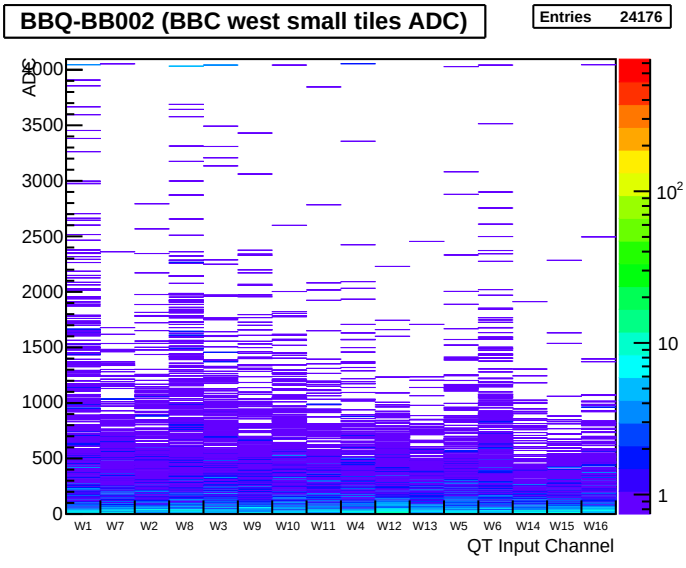

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

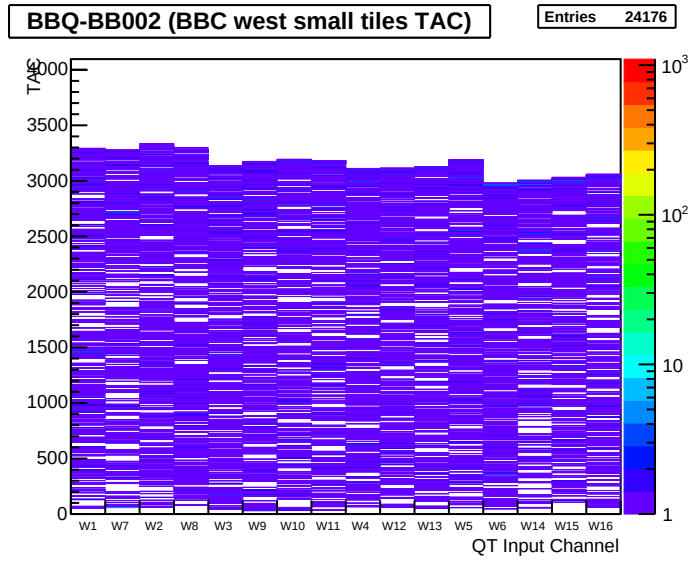

L2-TF201
Entries 10577
Threshold/UPC bits
1
0
1331
1295
311
1286
1299
1292
1408
180
216
1200
225
212
219
103
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

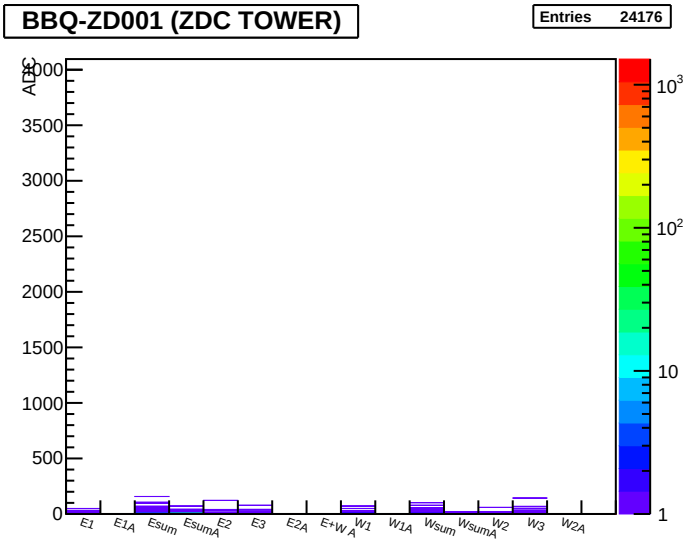

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

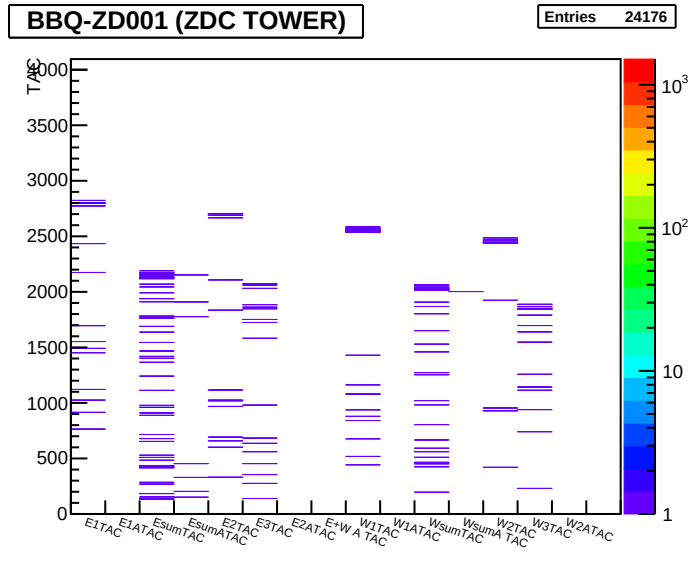

BBQ-BB001 (BBC east small tiles ADC)
Entries 24176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

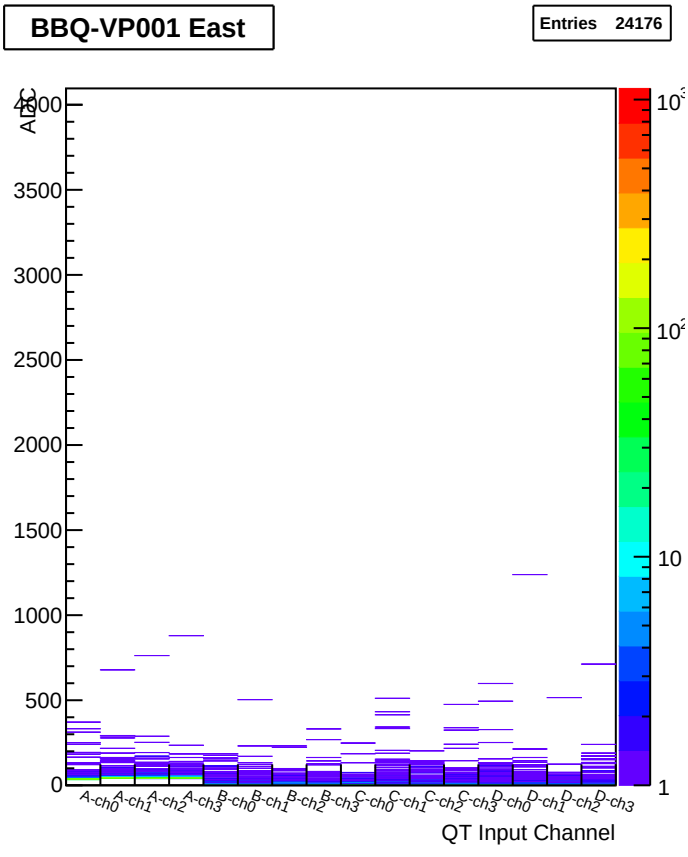

BBQ-BB001 (BBC east small tiles TAC)
Entries 24176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

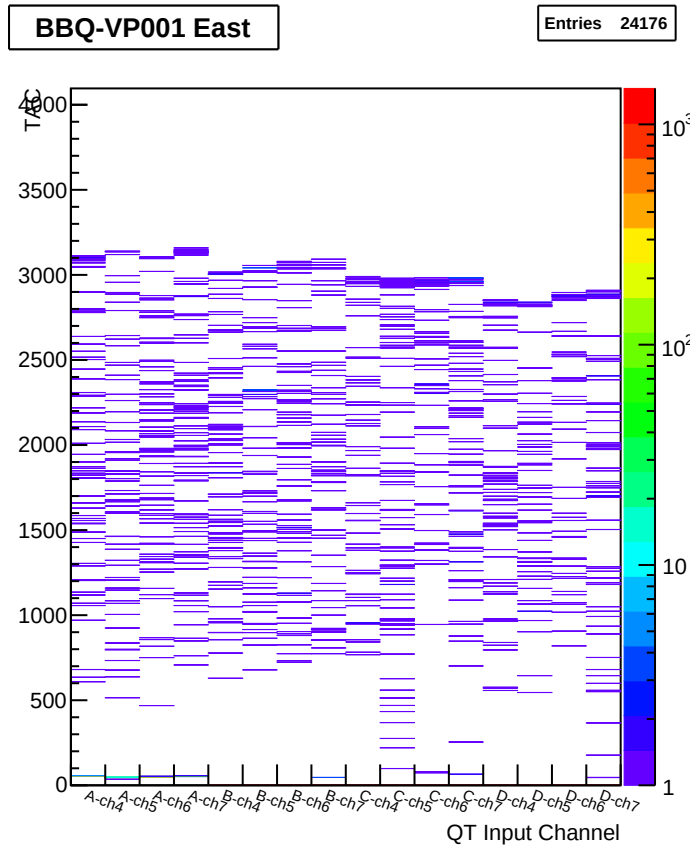

BBQ-BB002 (BBC west small tiles ADC)
Entries 24176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

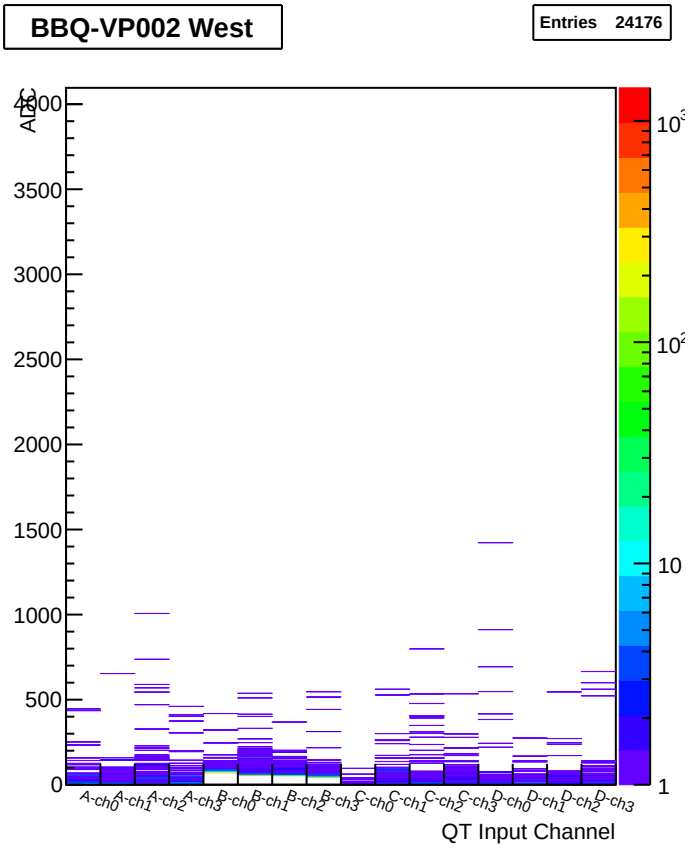

BBQ-BB002 (BBC west small tiles TAC)
Entries 24176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

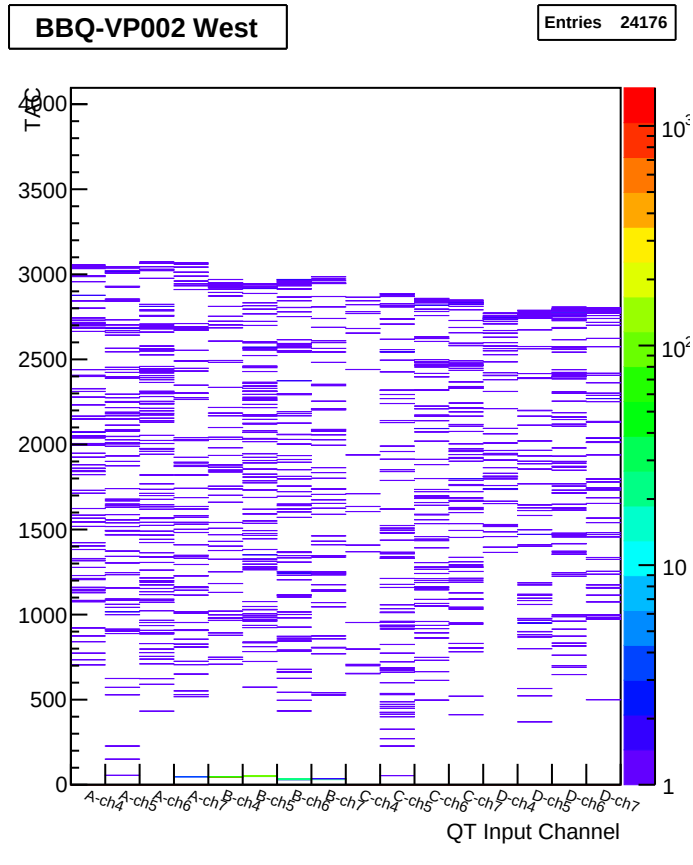

BBQ-ZD001 (ZDC TOWER)
Entries 24176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

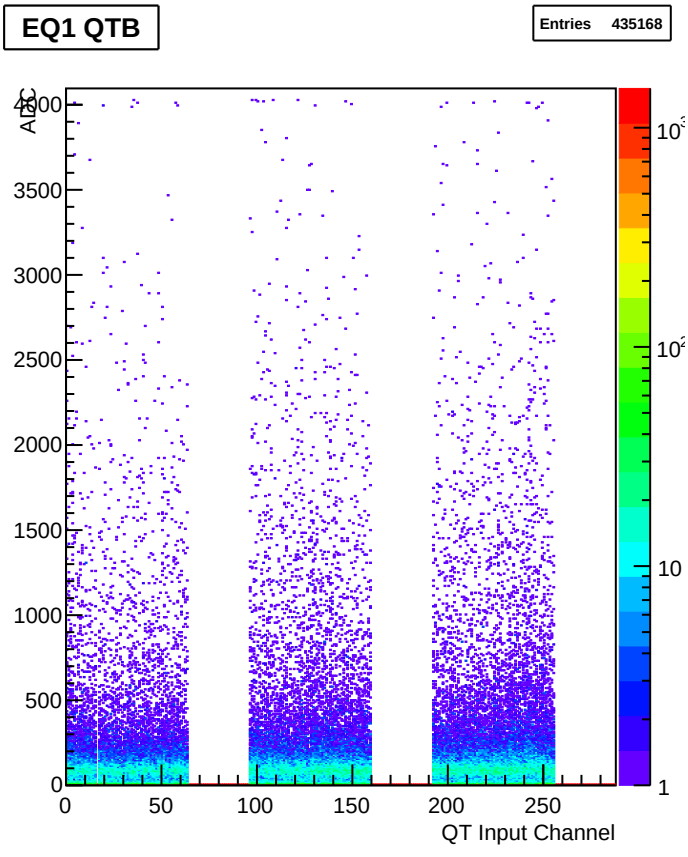

BBQ-ZD001 (ZDC TOWER)
Entries 24176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

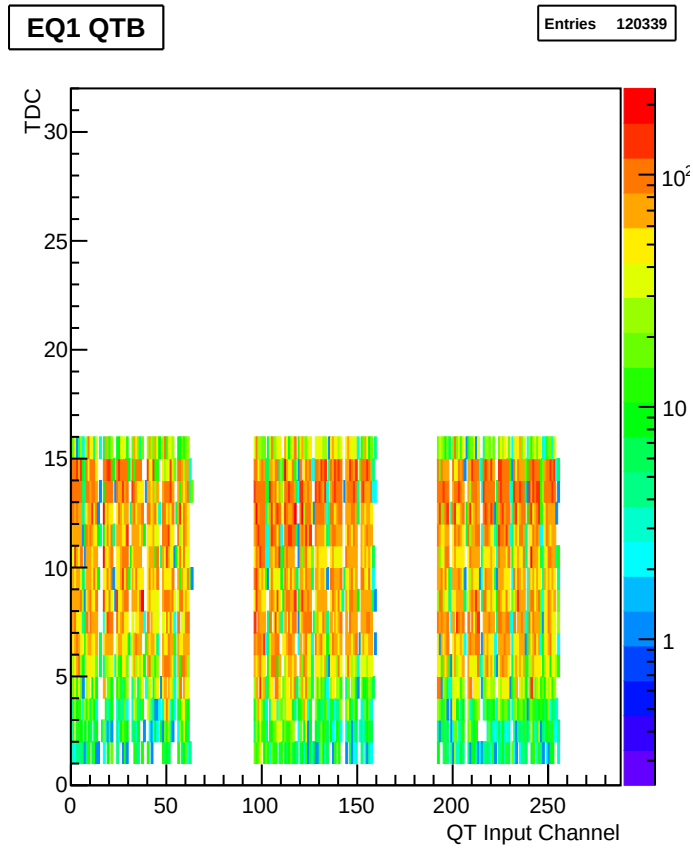

BBQ-VP001 East
Entries 24176
ADC
QT Input Channel

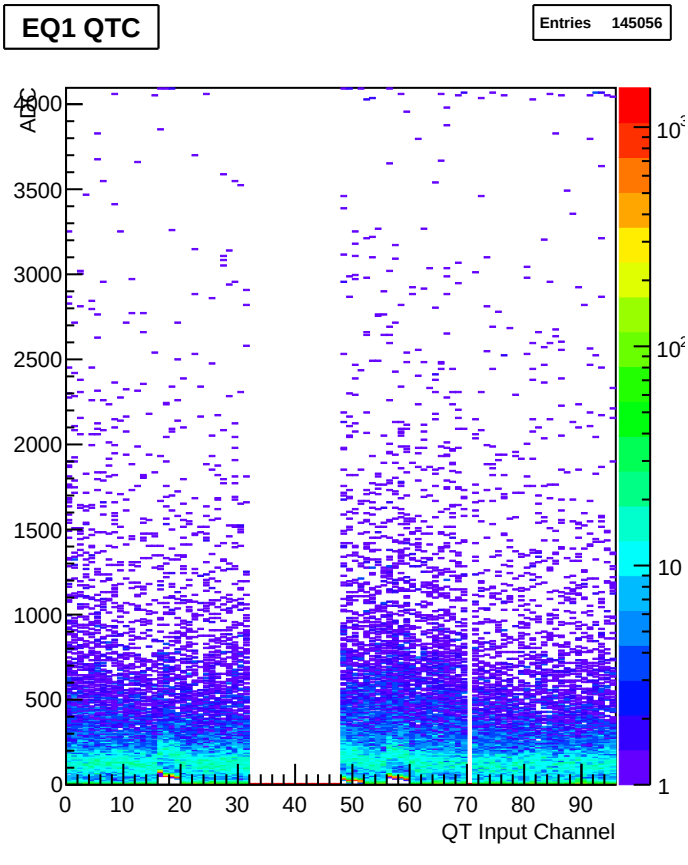

BBQ-VP001 East
Entries 24176
TADC
QT Input Channel

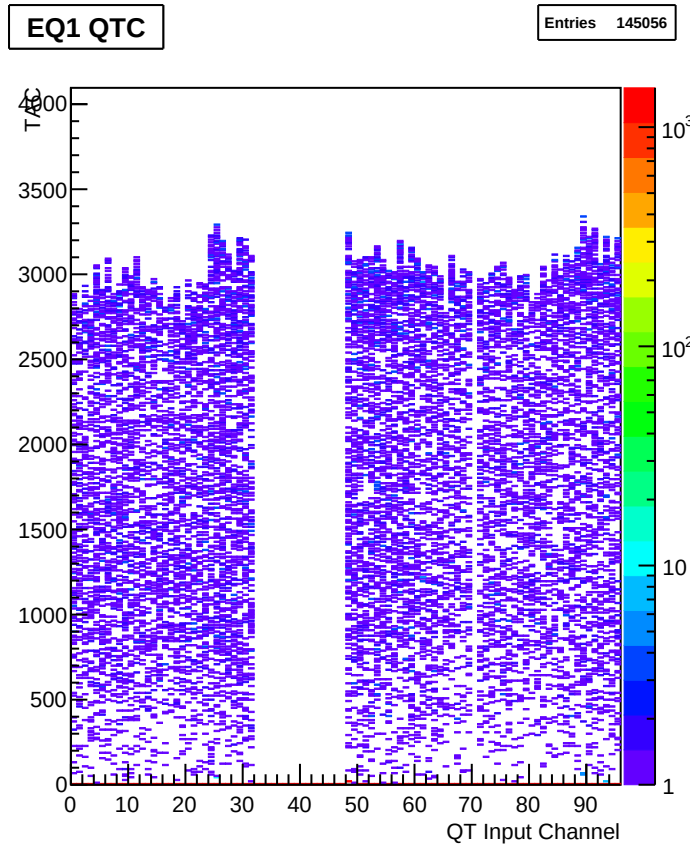

BBQ-VP002 West
Entries 24176
ADC
QT Input Channel

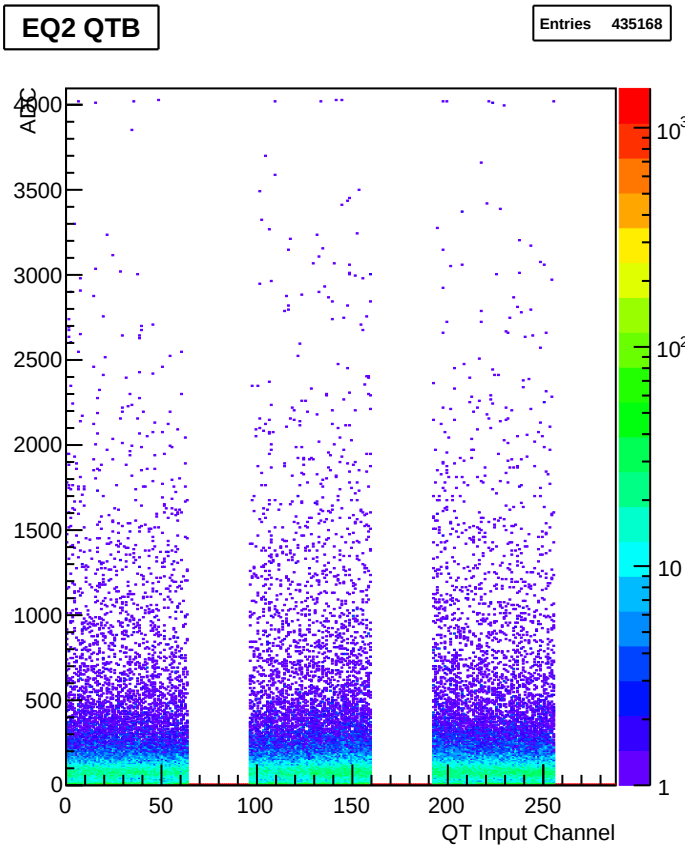

BBQ-VP002 West
Entries 24176
TADC
QT Input Channel

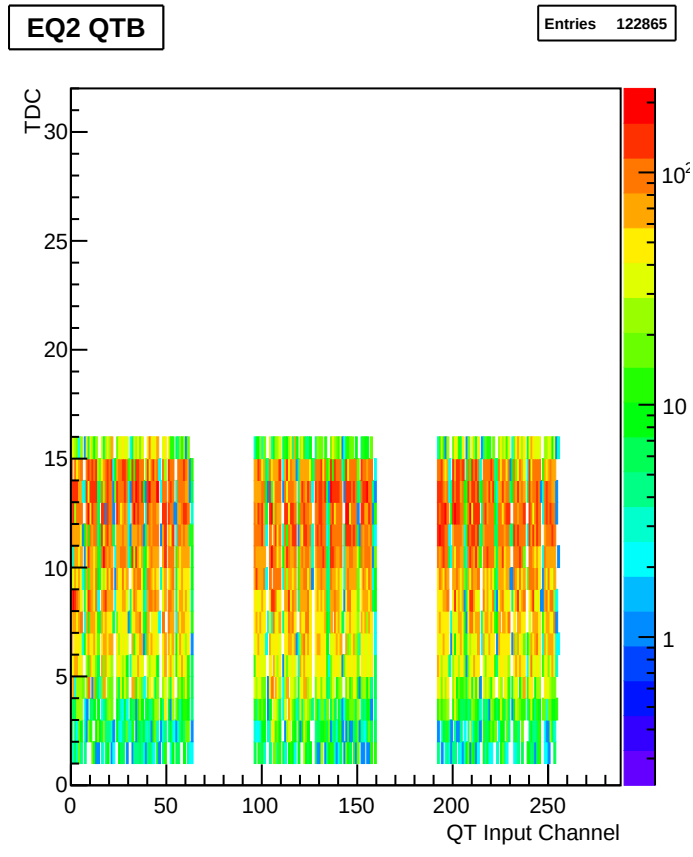

EQ1 QTB
Entries 435168
ADC
QT Input Channel

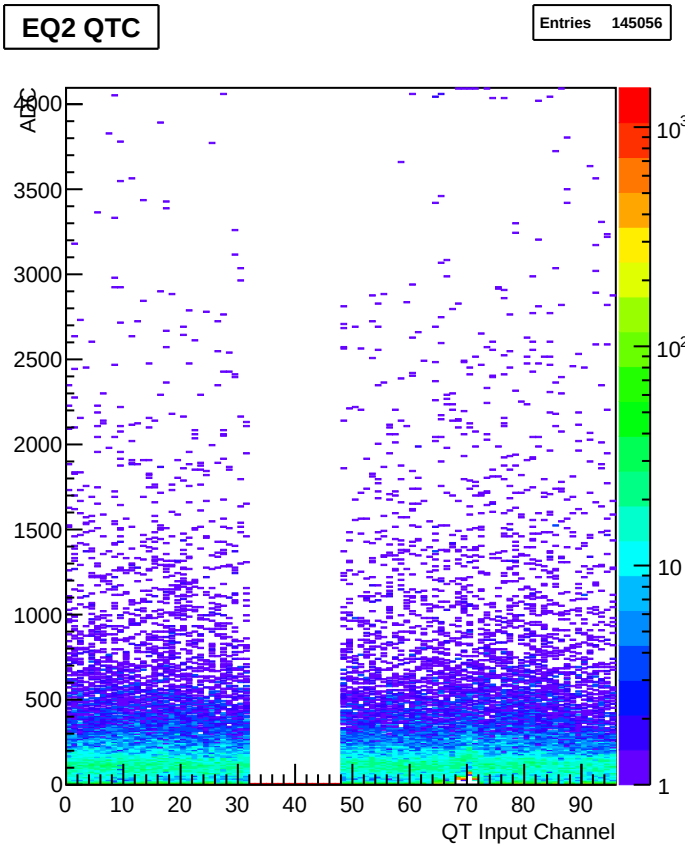

EQ1 QTB
Entries 120339
TDC
QT Input Channel

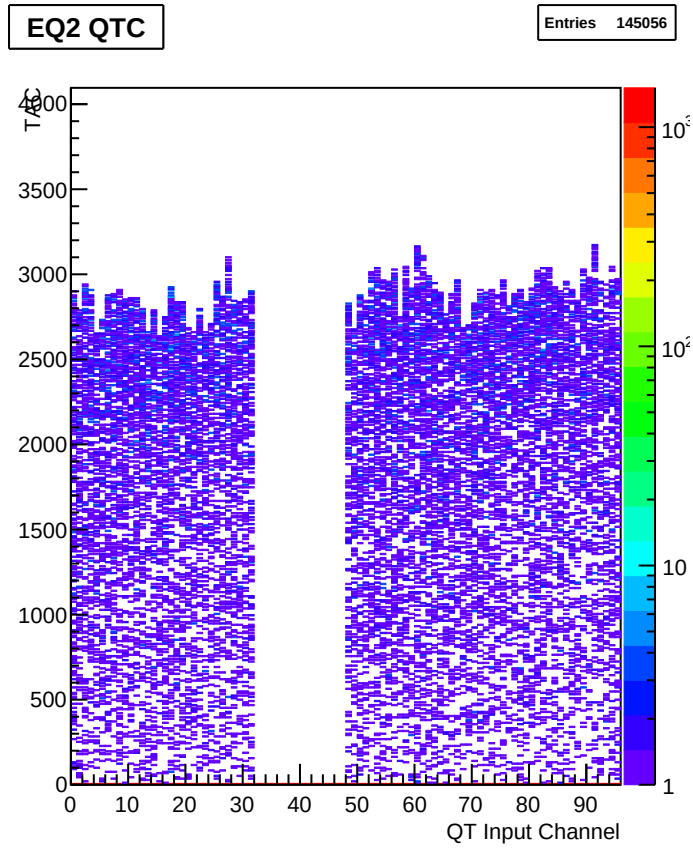

EQ1 QTC
Entries 145056
ADC
QT Input Channel

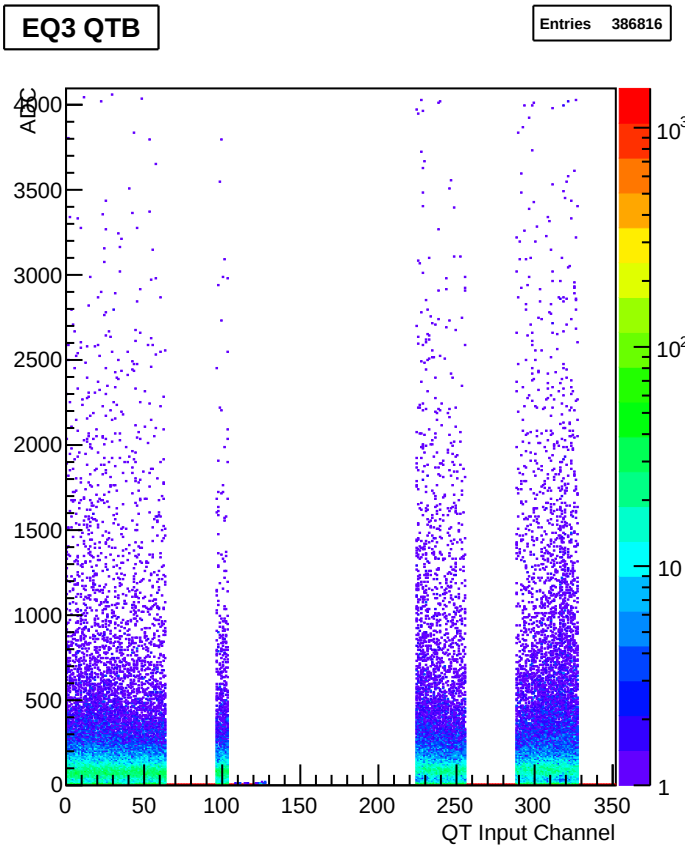

EQ1 QTC
Entries 145056
TADC
QT Input Channel

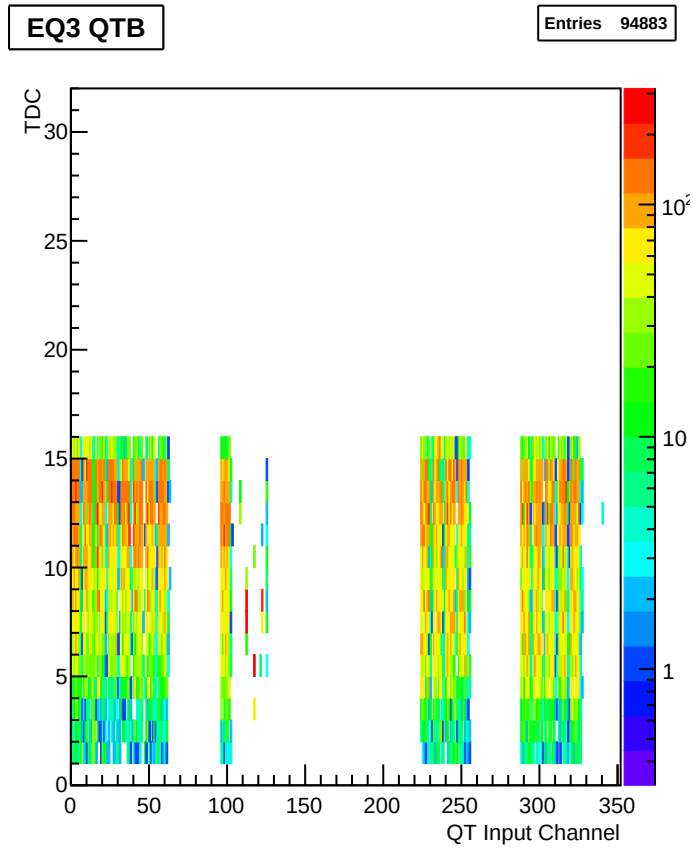

EQ2 QTB
Entries 435168
ADC
QT Input Channel

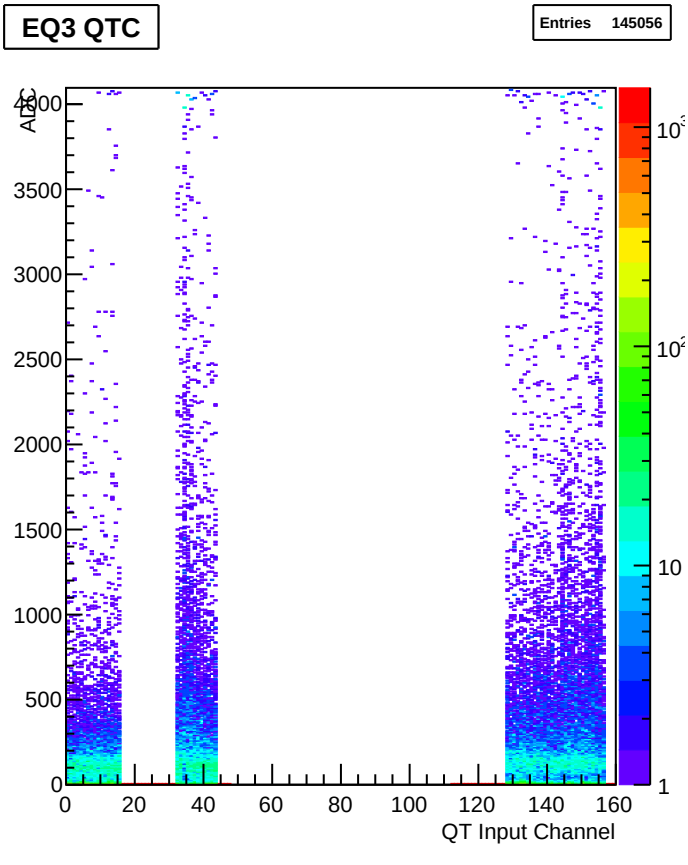

EQ2 QTB
Entries 122865
TDC
QT Input Channel

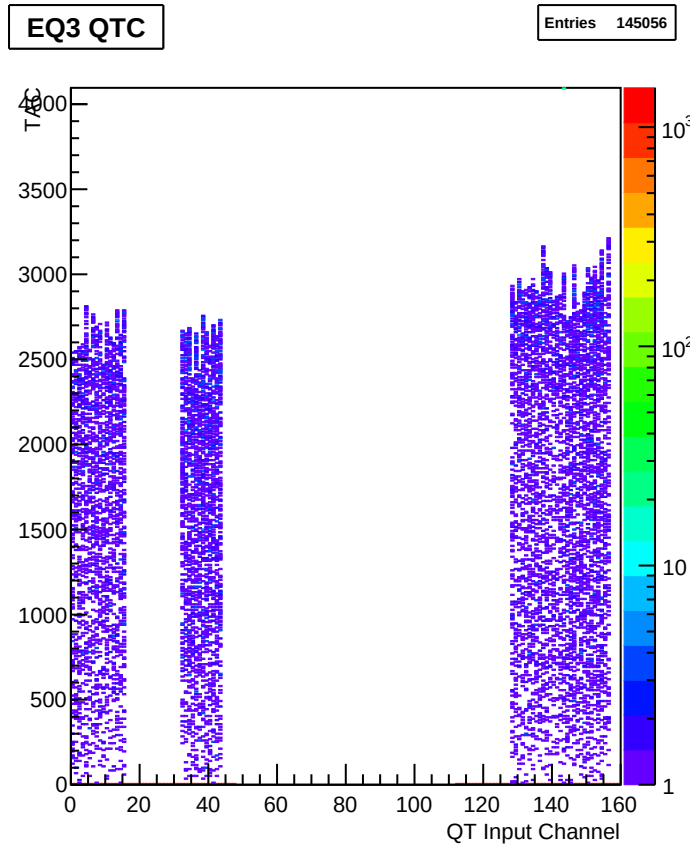

EQ2 QTC
Entries 145056
ADC
QT Input Channel

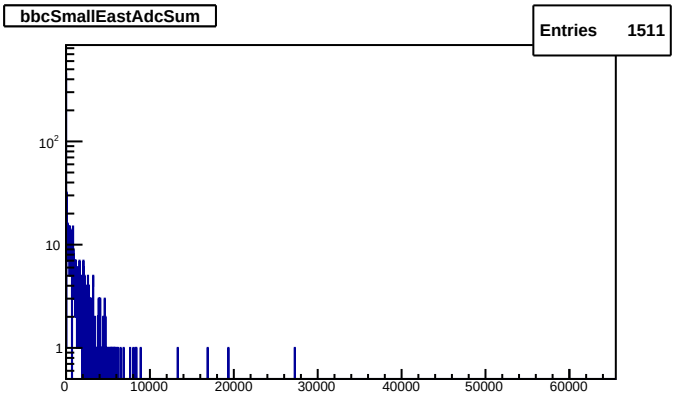

EQ2 QTC
Entries 145056
TADC
QT Input Channel

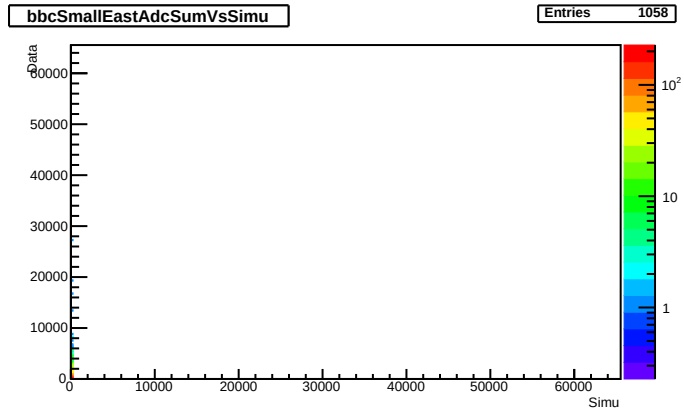

EQ3 QTB
Entries 386816
ADC
QT Input Channel

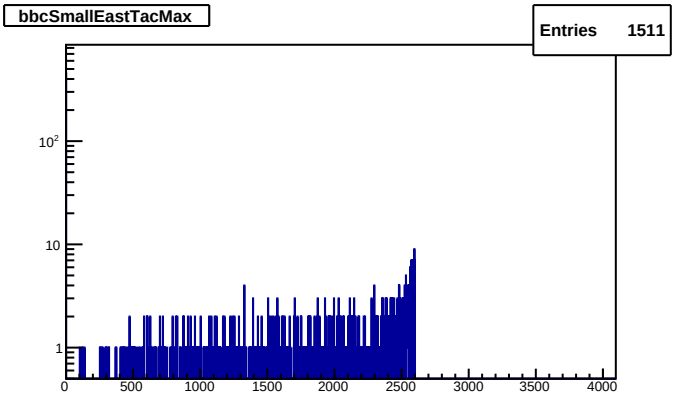

EQ3 QTB
Entries 94883
TDC
QT Input Channel

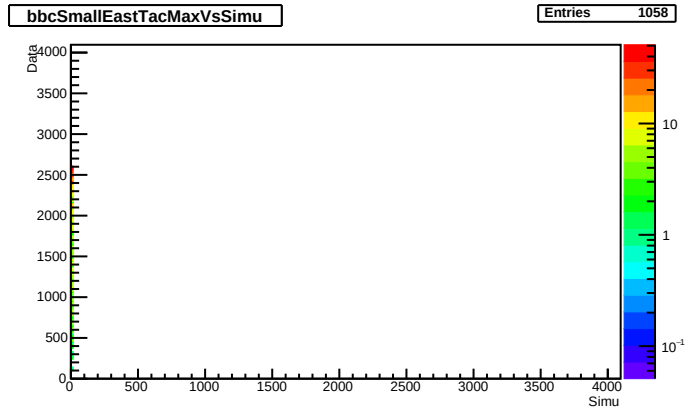

EQ3 QTC
Entries 145056
ADC
QT Input Channel

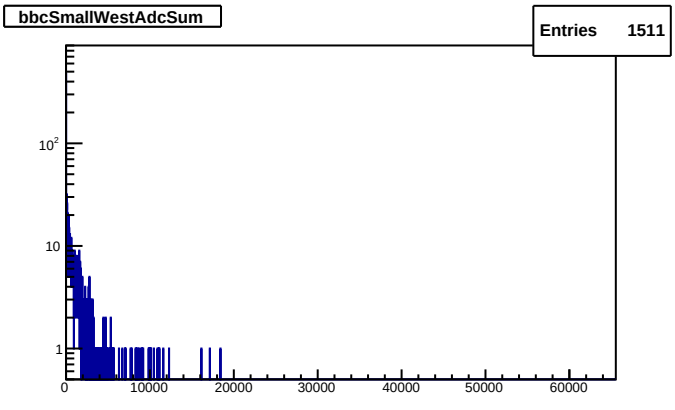

EQ3 QTC
Entries 145056
TADC
QT Input Channel

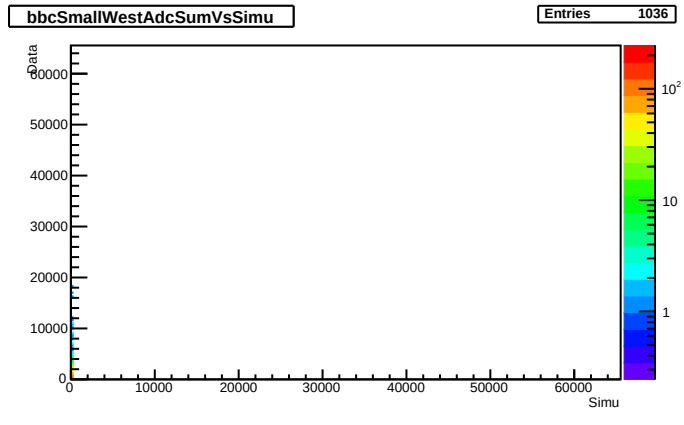

bbcSmallEastAdcSum
Entries 1511

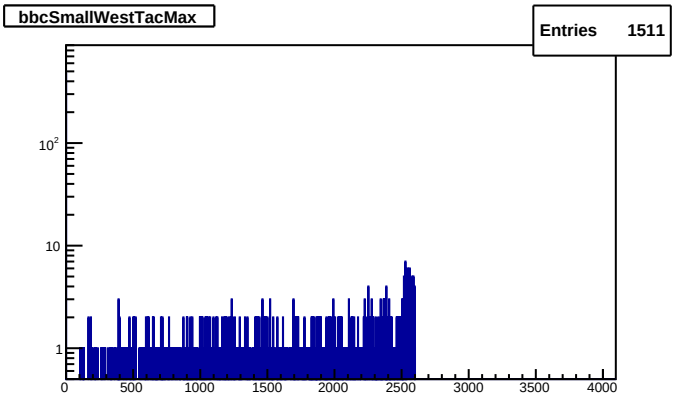

bbcSmallEastAdcSumVsSimu
Entries 1058
Data
Simu

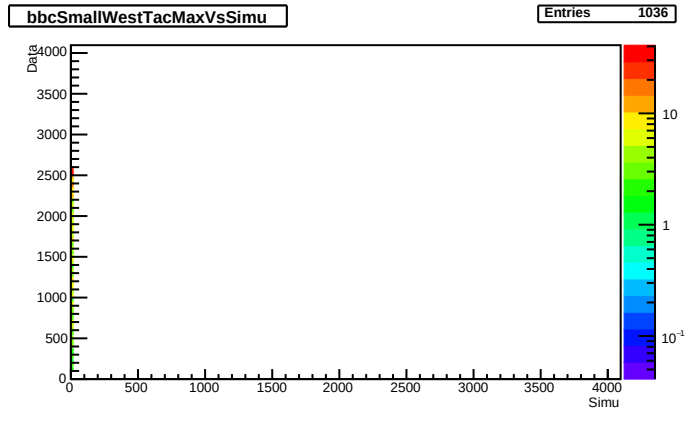

bbcSmallEastTacMax
Entries 1511

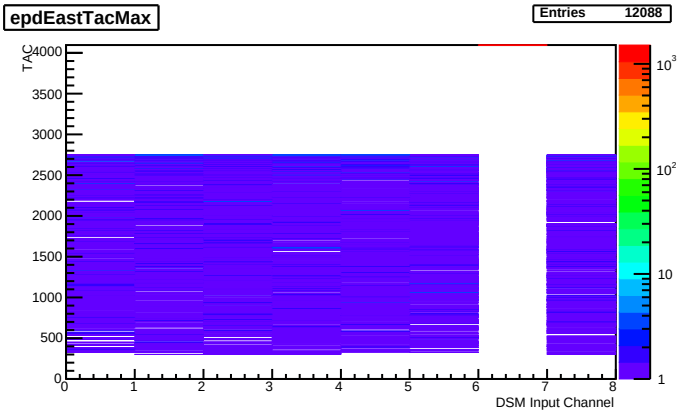

bbcSmallEastTacMaxVsSimu
Entries 1058
Data
Simu

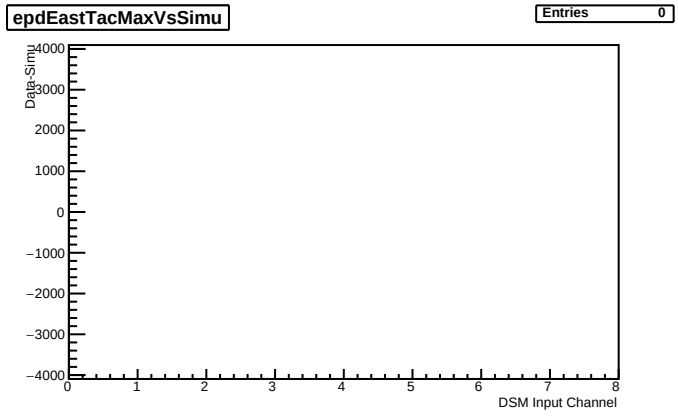

bbcSmallWestAdcSum
Entries 1511

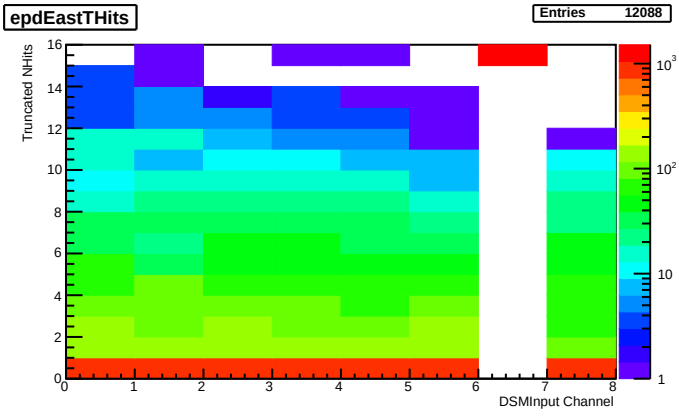

bbcSmallWestAdcSumVsSimu
Entries 1036
Data
Simu

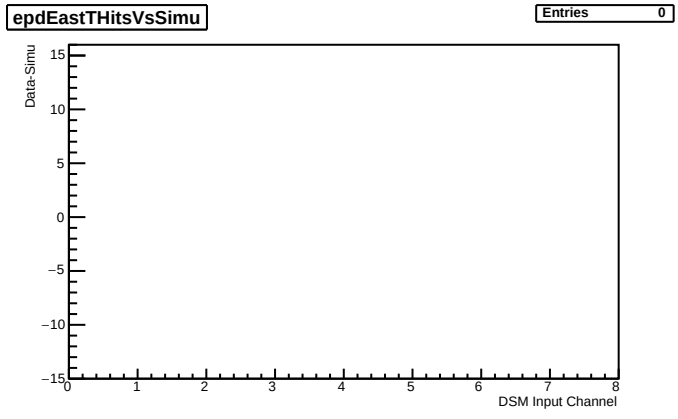

bbcSmallWestTacMax
Entries 1511

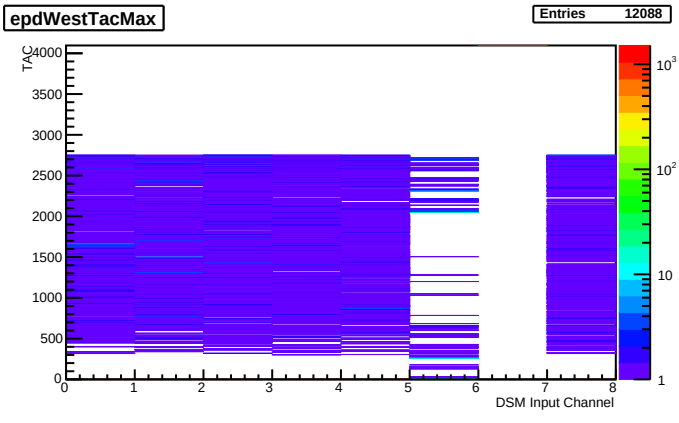

bbcSmallWestTacMaxVsSimu
Entries 1036
Data
Simu

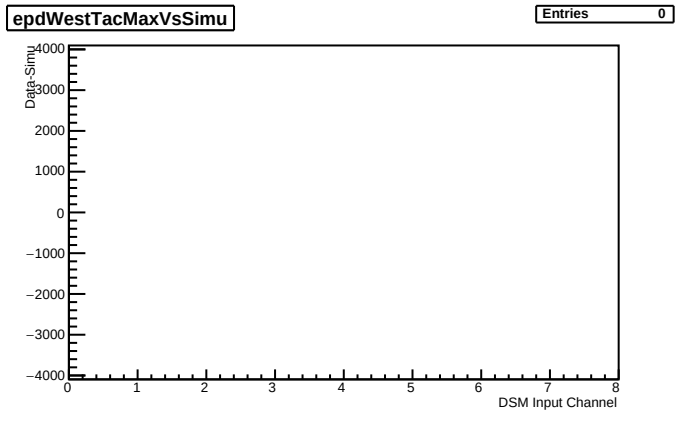

epdEastTacMax
Entries 12088
TAC
DSM Input Channel

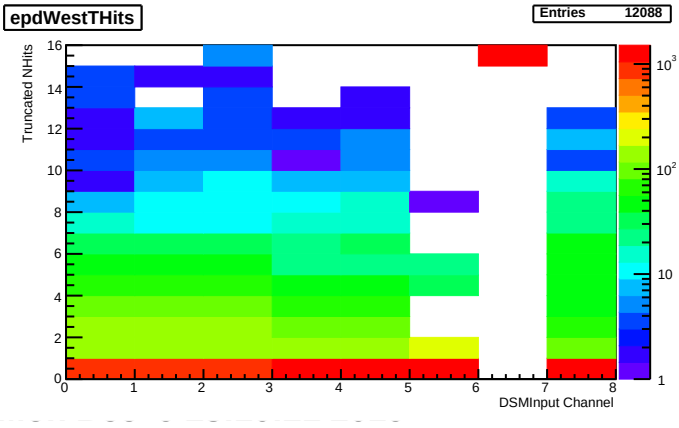

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

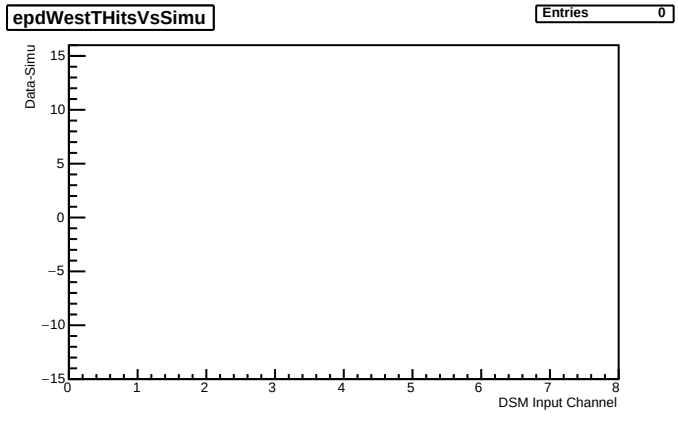

epdEastTHits
Entries 12088
Truncated NHits
DSMInput Channel

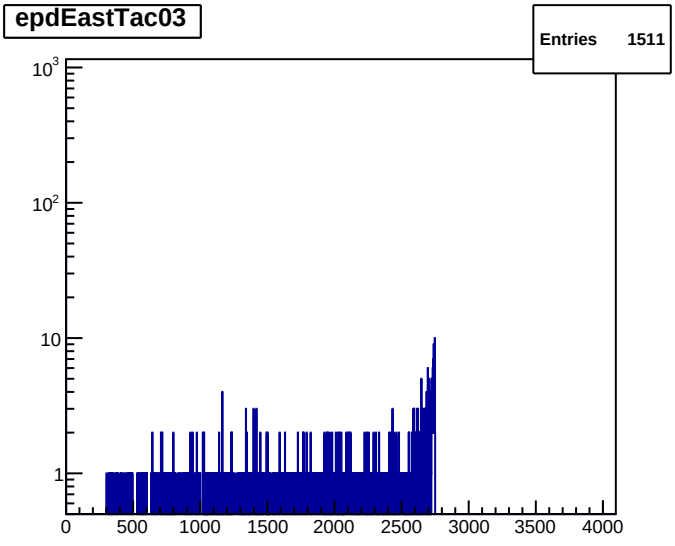

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

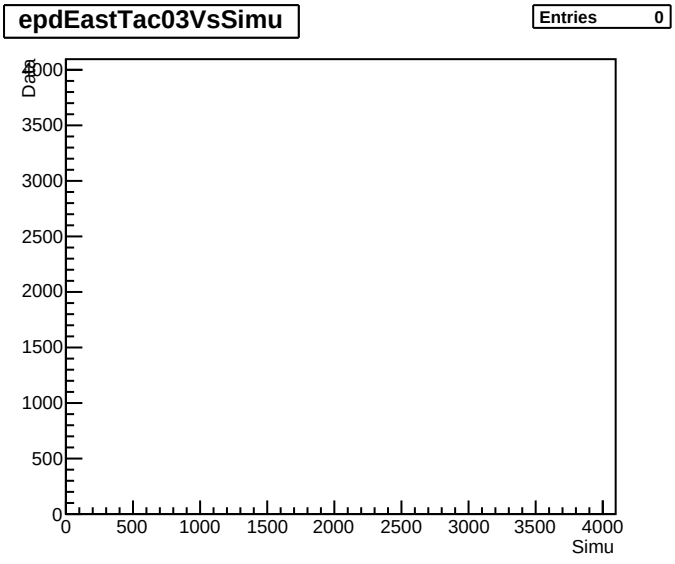

epdWestTacMax
Entries 12088
TAC
DSM Input Channel

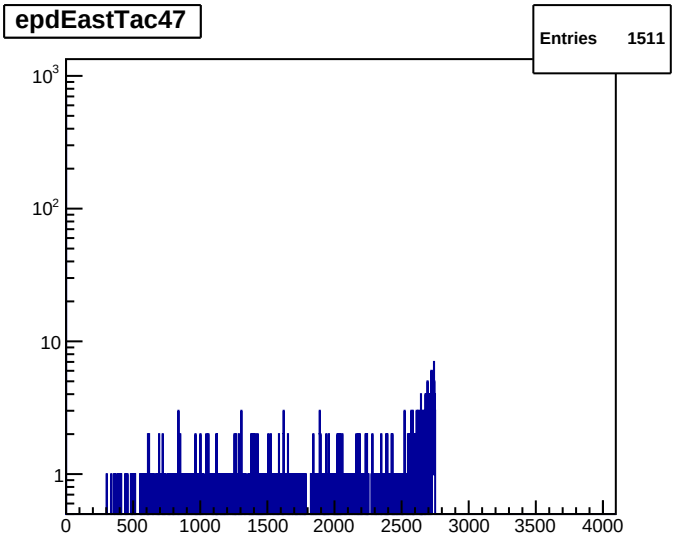

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

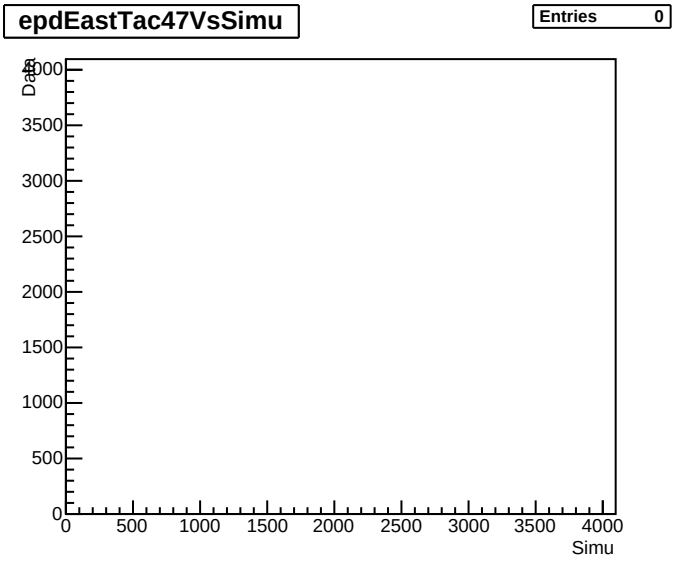

epdWestTHits
Entries 12088
Truncated NHits
DSMInput Channel

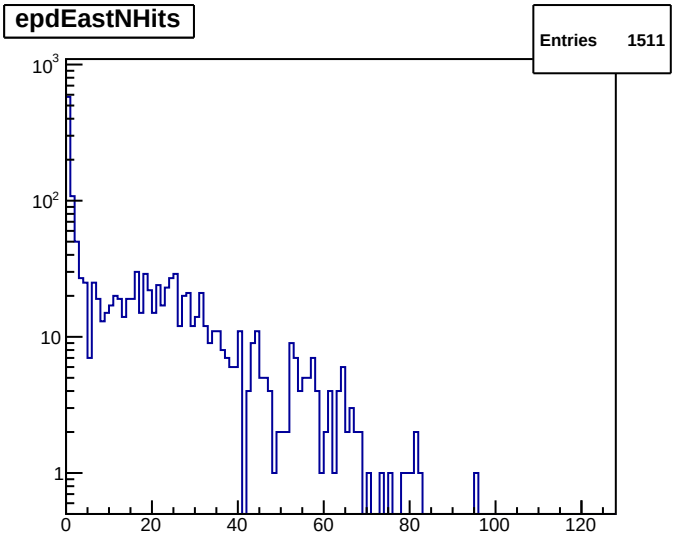

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

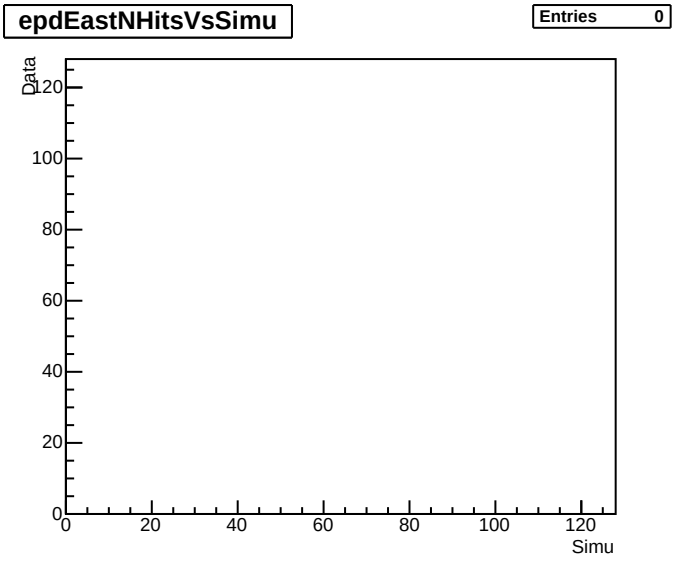

epdEastTac03
Entries 1511

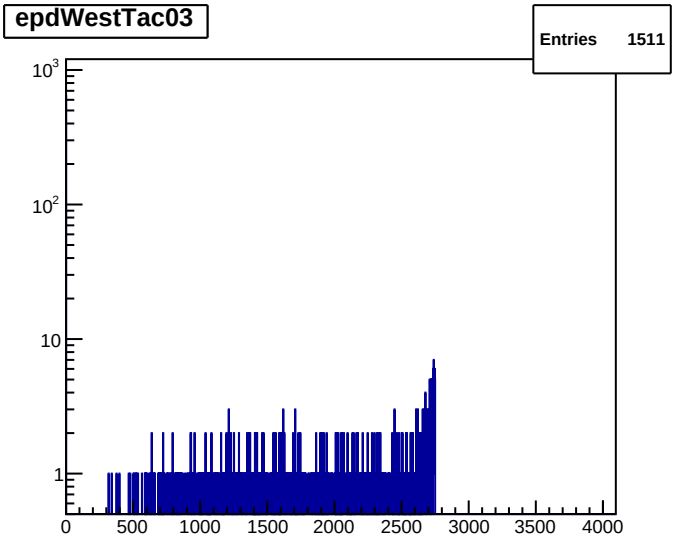

epdEastTac03VsSimu
Entries 0
Data
Simu

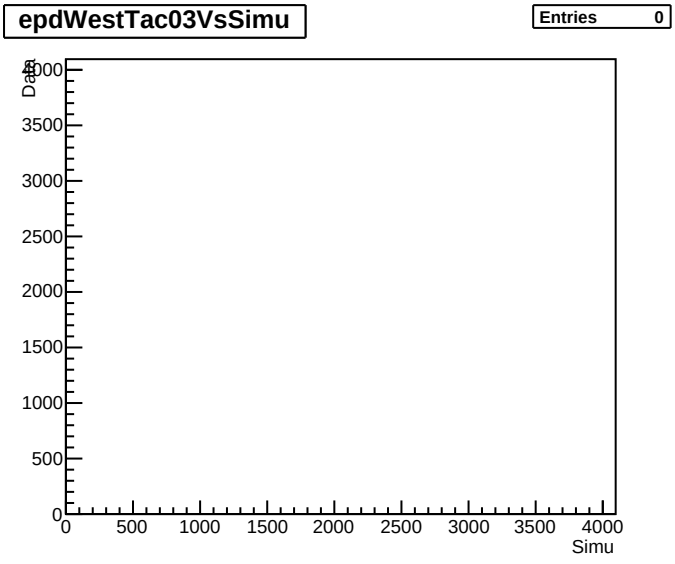

epdEastTac47
Entries 1511

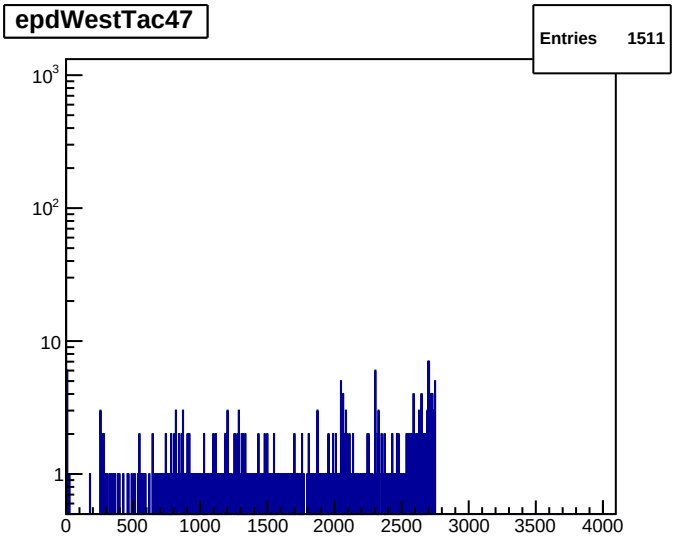

epdEastTac47VsSimu
Entries 0
Data
Simu

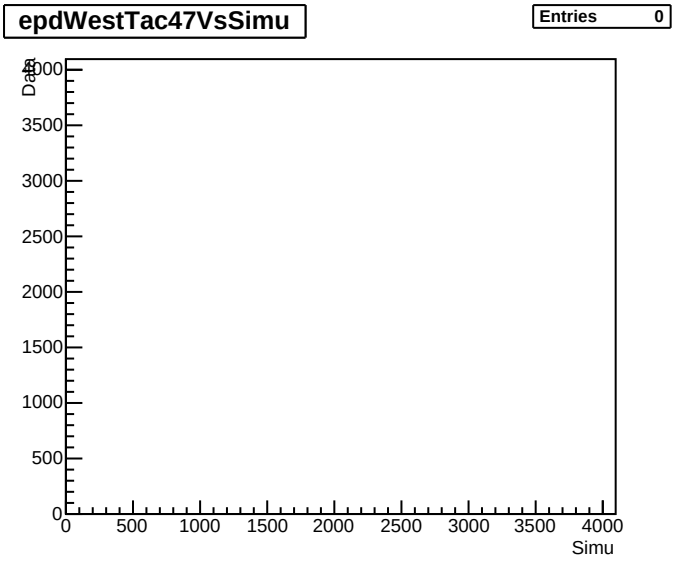

epdEastNHits
Entries 1511

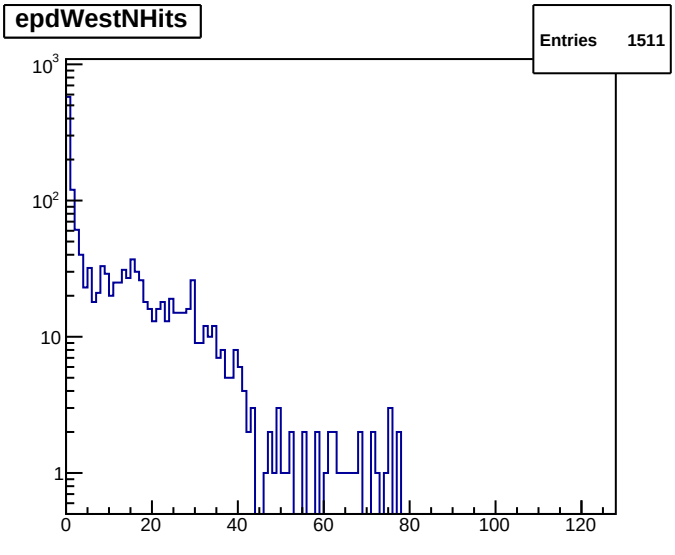

epdEastNHitsVsSimu
Entries 0
Data
Simu

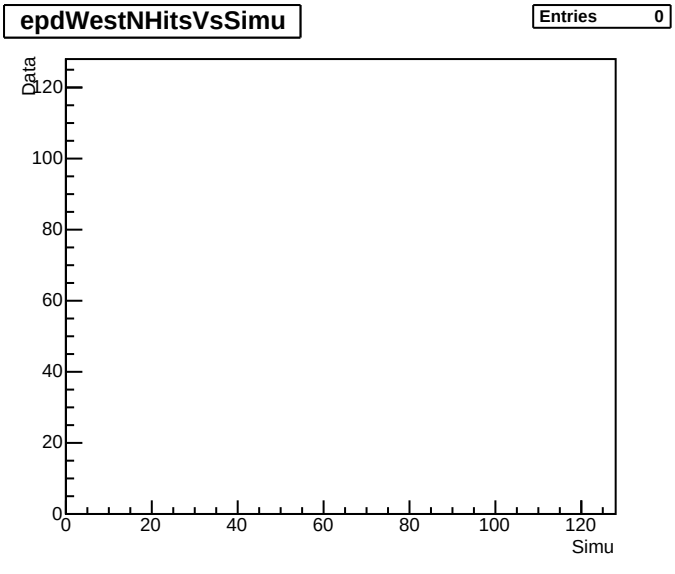

epdWestTac03
Entries 1511

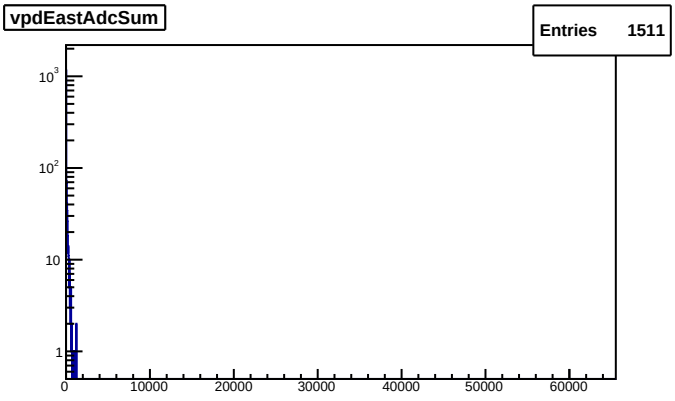

epdWestTac03VsSimu
Entries 0
Data
Simu

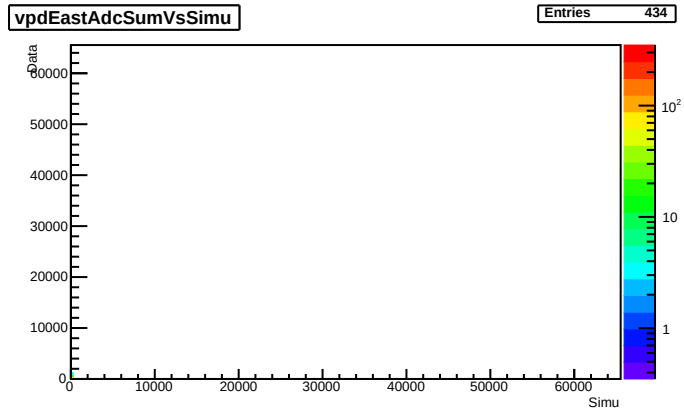

epdWestTac47
Entries 1511

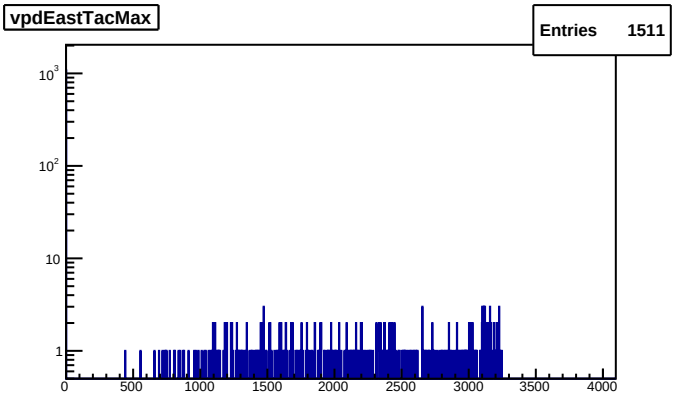

epdWestTac47VsSimu
Entries 0
Data
Simu

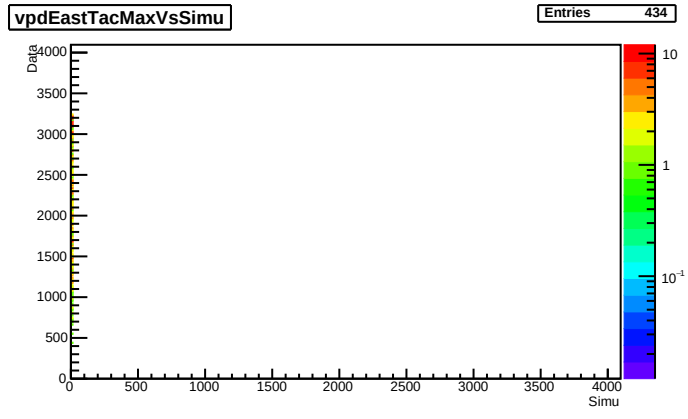

epdWestNHits
Entries 1511

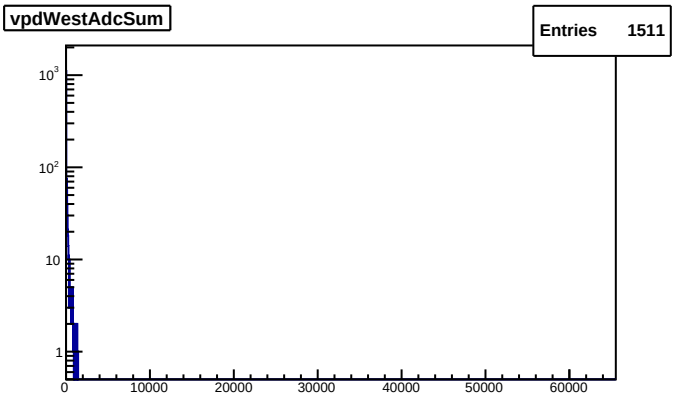

epdWestNHitsVsSimu
Entries 0
Data
Simu

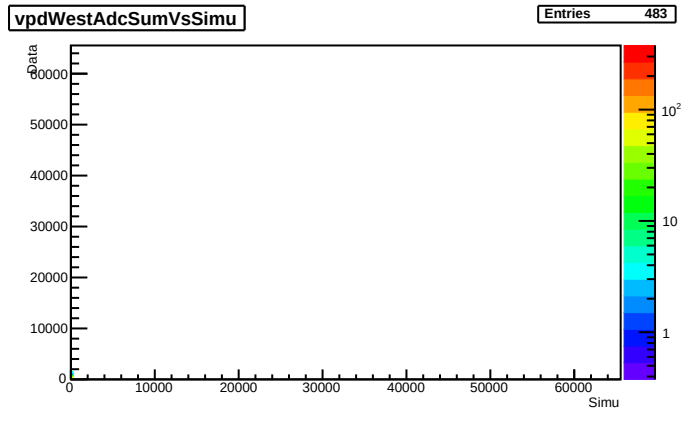

vpdEastAdcSum
Entries 1511

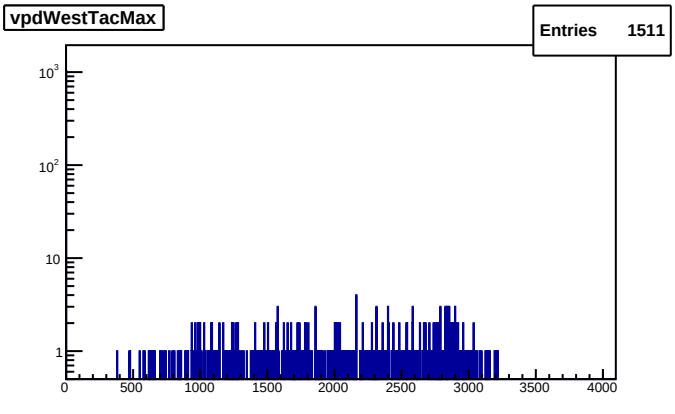

vpdEastAdcSumVsSimu
Entries 434
Data
Simu

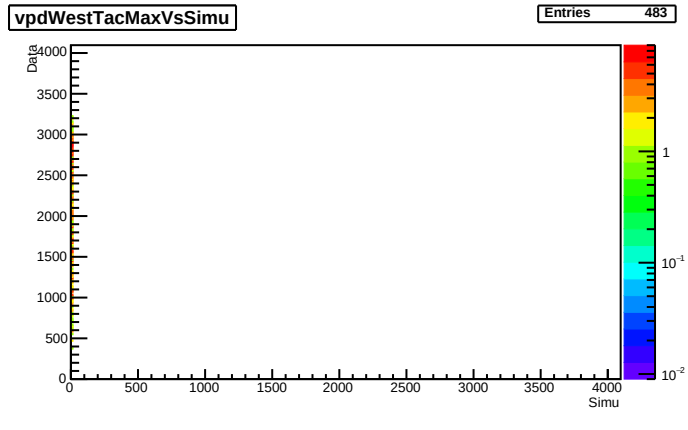

vpdEastTacMax
Entries 1511

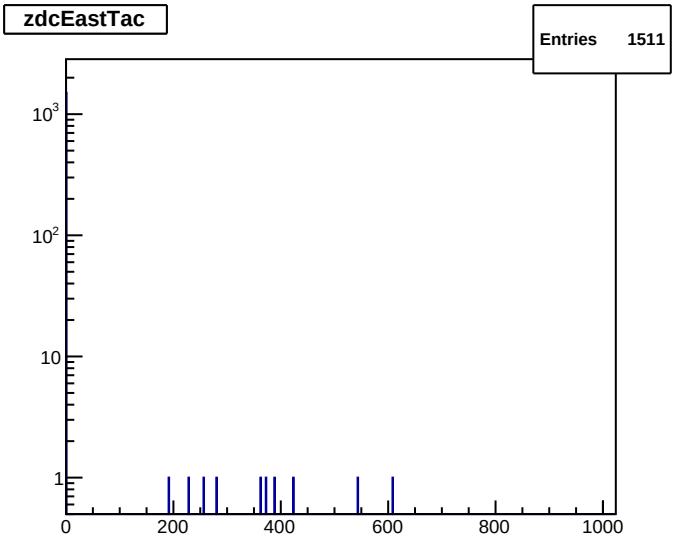

vpdEastTacMaxVsSimu
Entries 434
Data
Simu

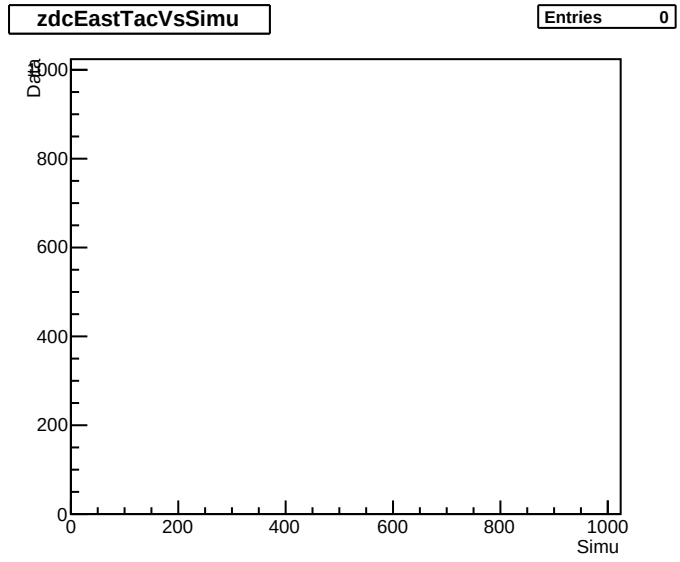

vpdWestAdcSum
Entries 1511

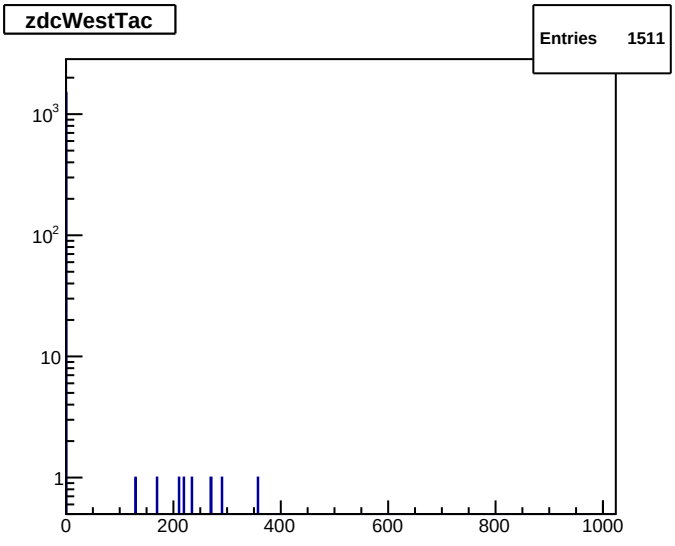

vpdWestAdcSumVsSimu
Entries 483
Data
Simu

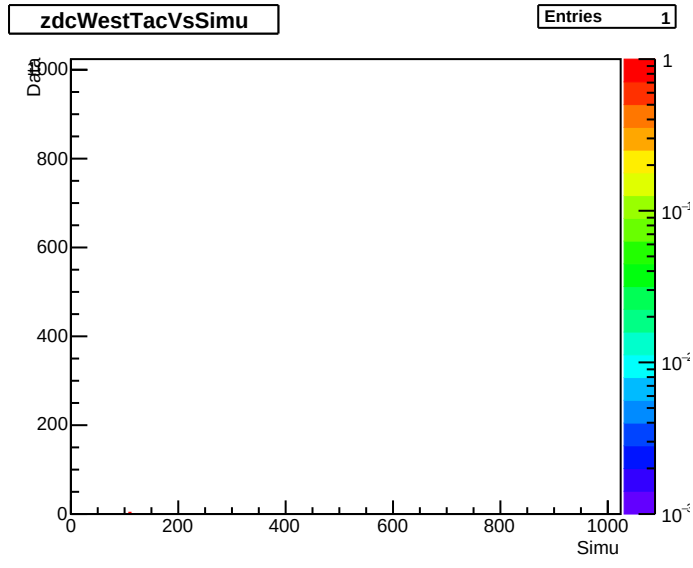

vpdWestTacMax
Entries 1511

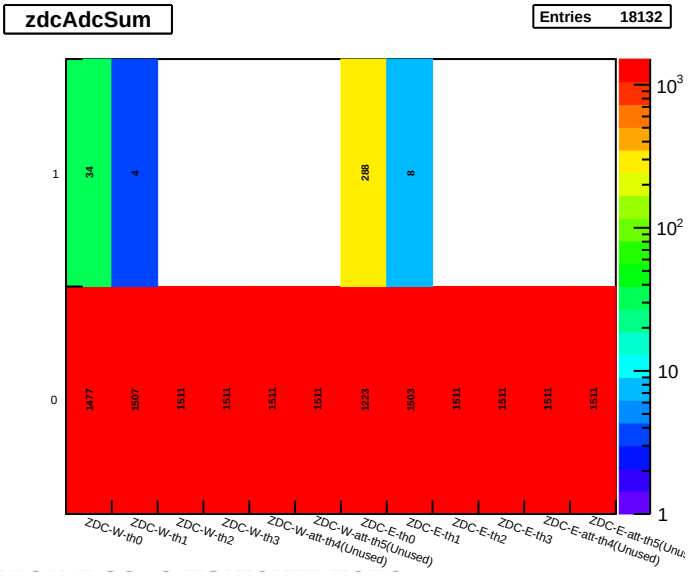

vpdWestTacMaxVsSimu
Entries 483
Data
Simu

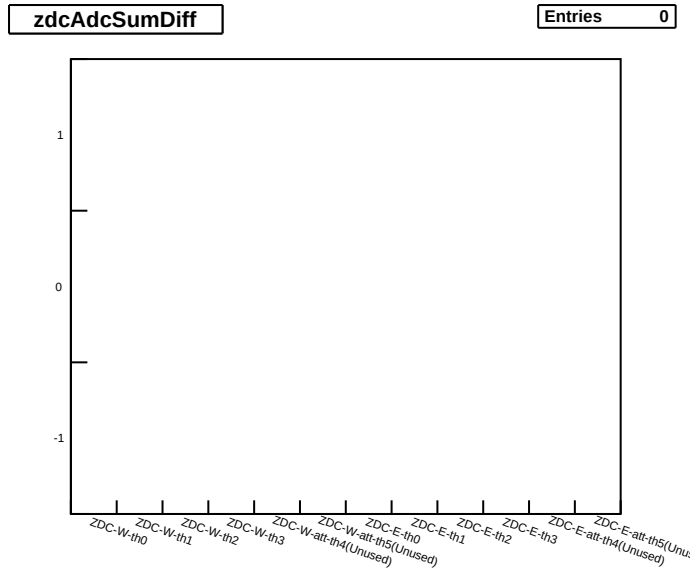

zdcEastTac
Entries 1511
10^3
10^2
10
1
0
200
400
600
800
1000

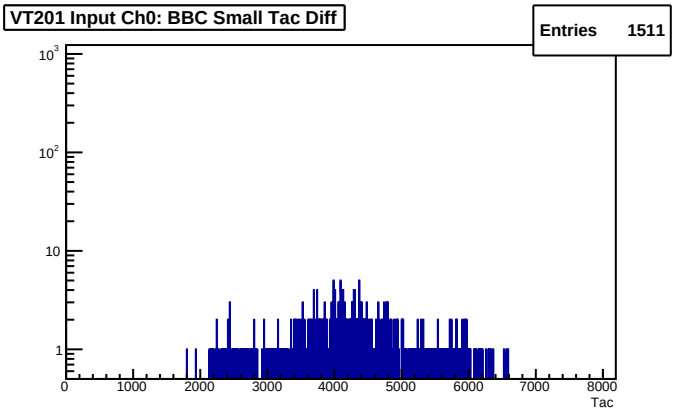

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

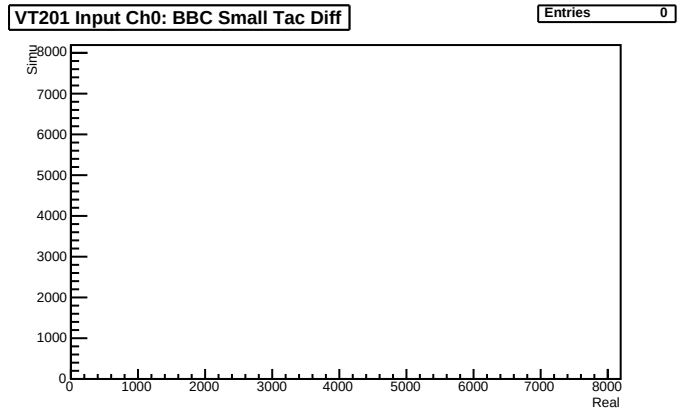

zdcWestTac
Entries 1511
10^3
10^2
10
1
0
200
400
600
800
1000

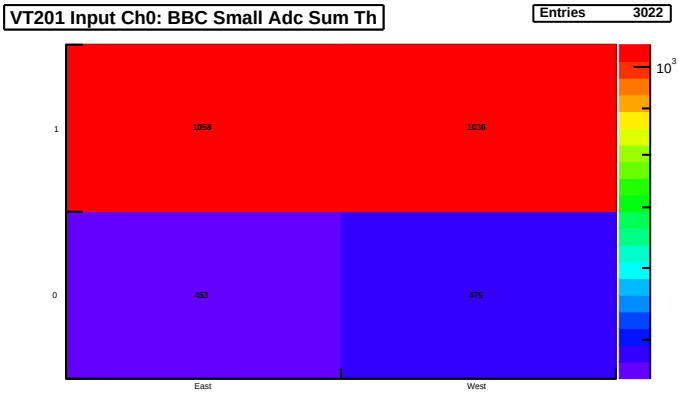

zdcWestTacVsSimu
Entries 1
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1

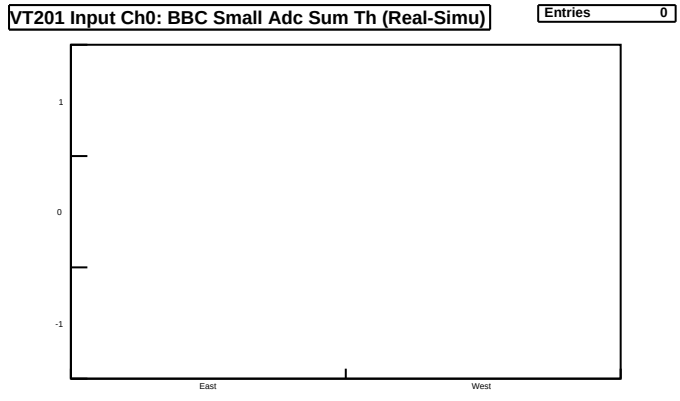

zdcAdcSum
Entries 18132
1
0
34
4
288
8
1477
1507
1511
1511
1511
1511
1223
1503
1511
1511
1511
1511
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

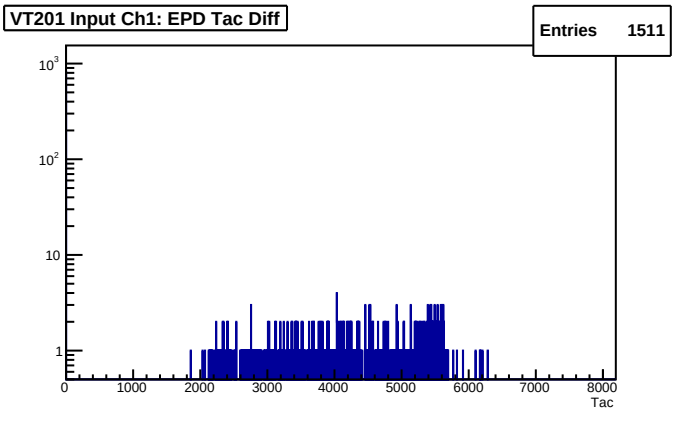

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

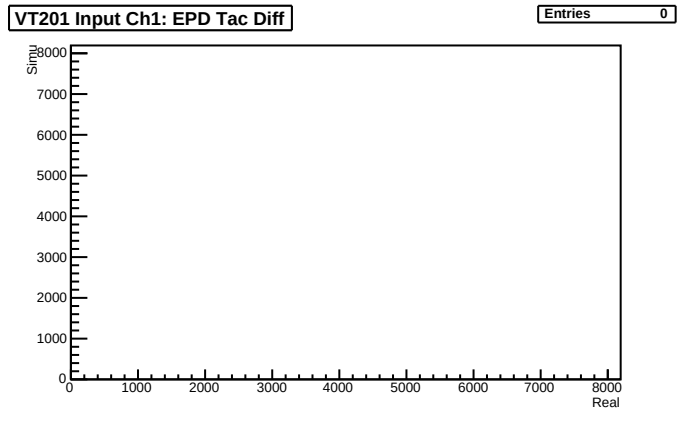

VT201 Input Ch0: BBC Small Tac Diff
Entries 1511
Tac

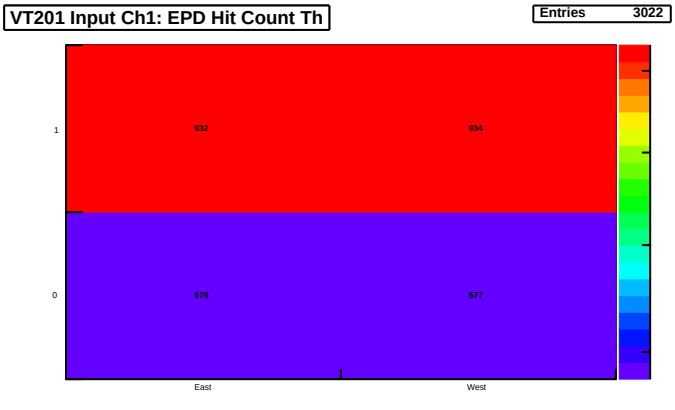

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

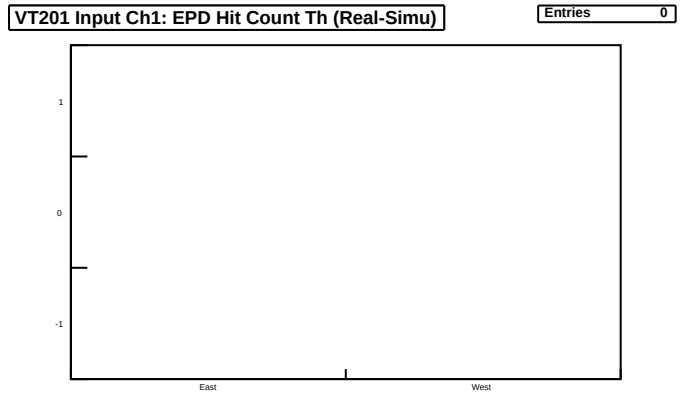

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3022
1058
1036
453
475
East
West

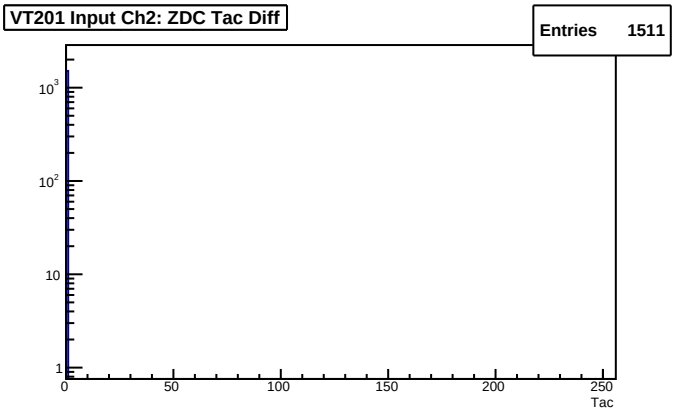

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

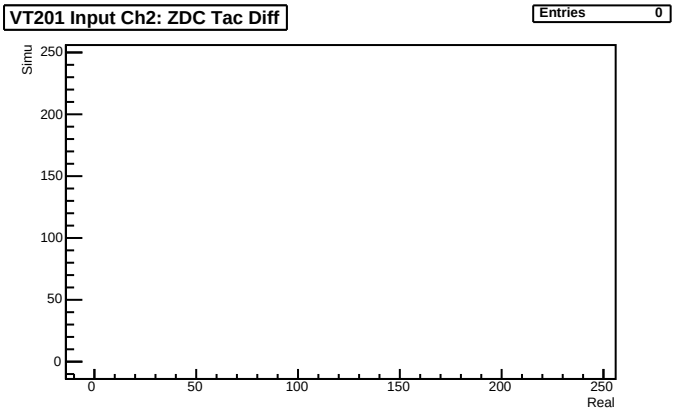

VT201 Input Ch1: EPD Tac Diff
Entries 1511
Tac

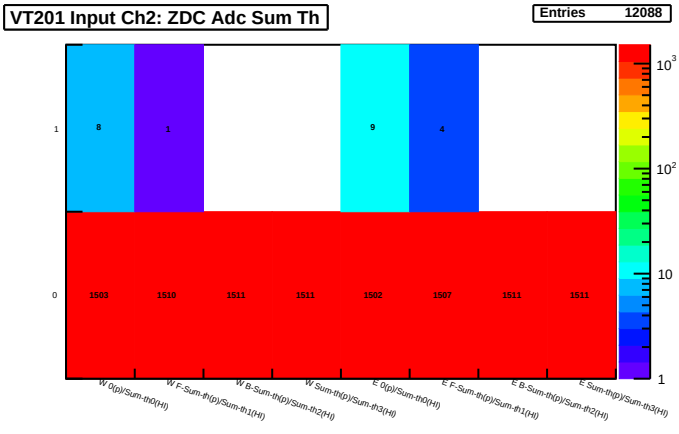

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

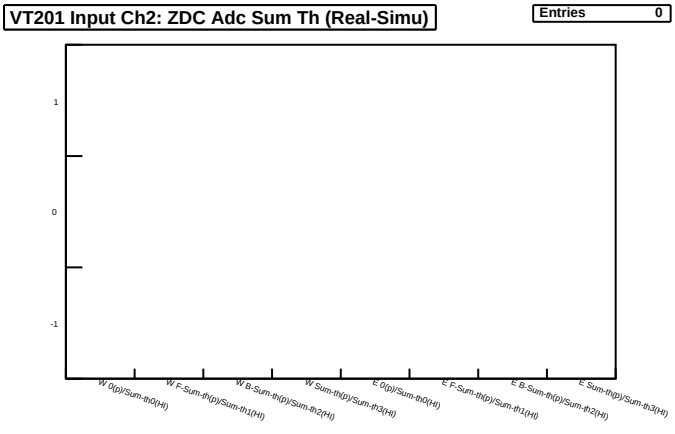

VT201 Input Ch1: EPD Hit Count Th
Entries 3022
932
934
579
577
East
West

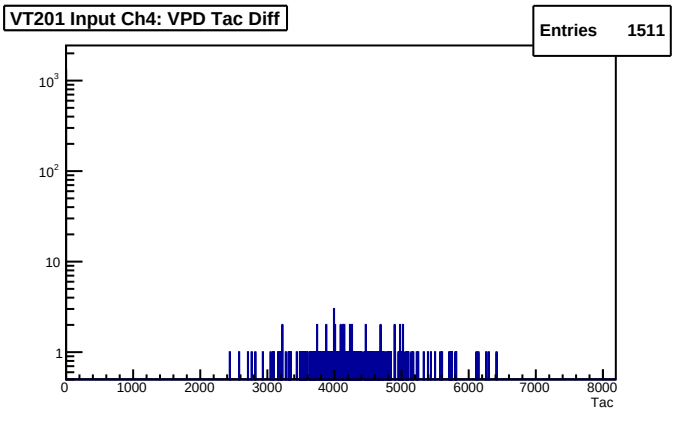

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

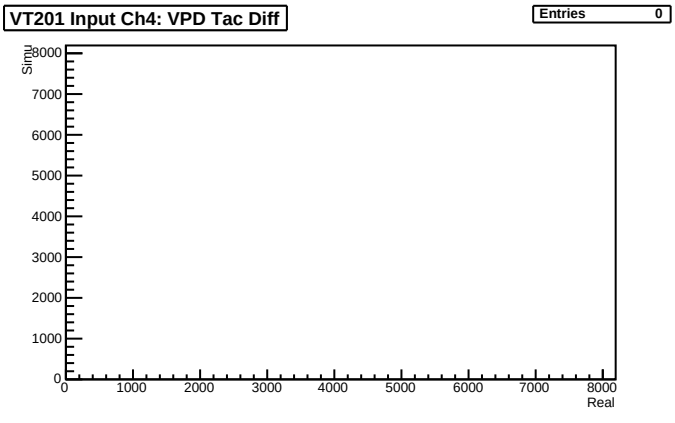

VT201 Input Ch2: ZDC Tac Diff
Entries 1511
Tac

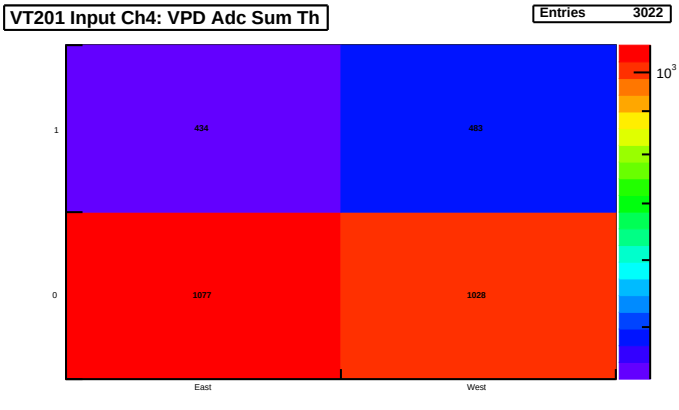

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

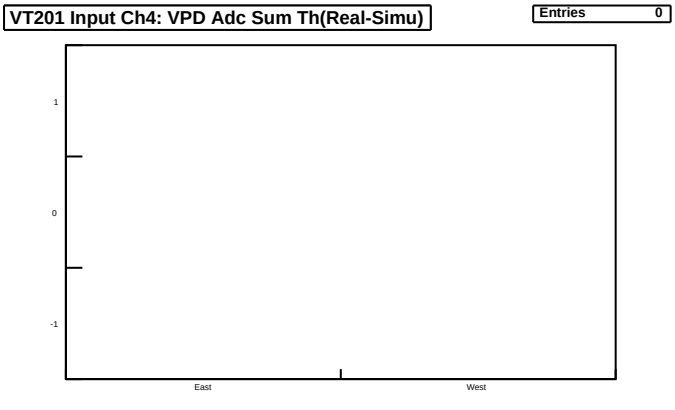

VT201 Input Ch2: ZDC Adc Sum Th
Entries 12088
8
1
9
4
1503
1510
1511
1511
1502
1507
1511
1511
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

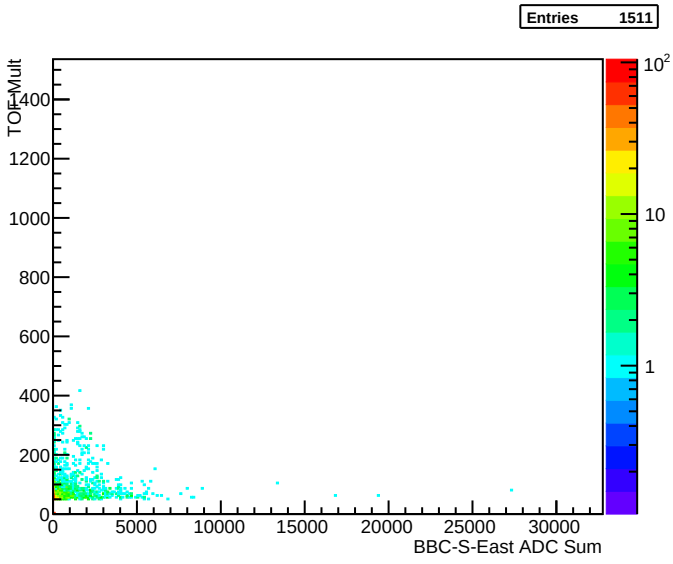

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

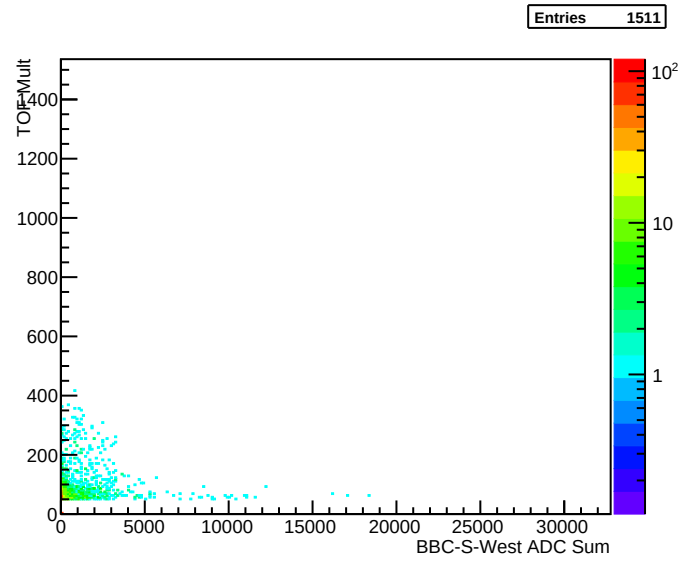

VT201 Input Ch4: VPD Tac Diff
Entries 1511
Tac

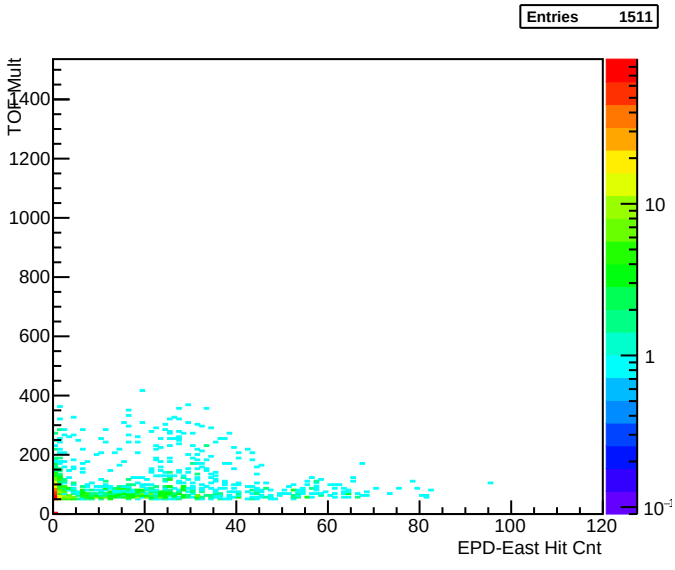

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

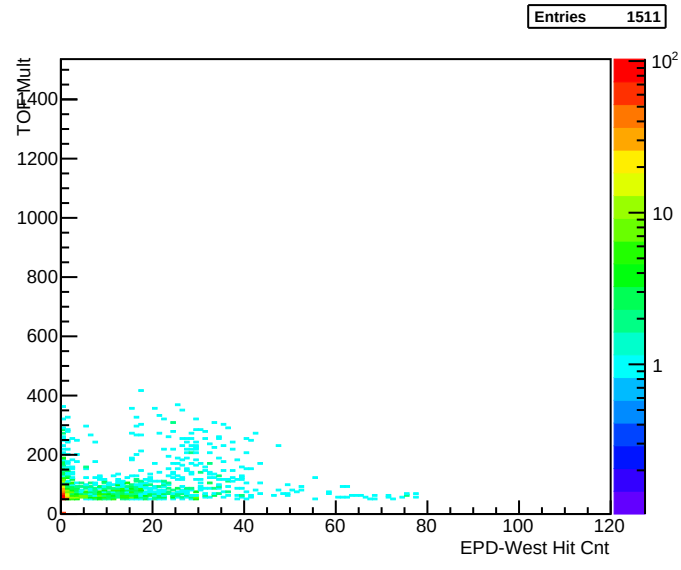

VT201 Input Ch4: VPD Adc Sum Th
Entries 3022
434
483
1077
1028
East
West

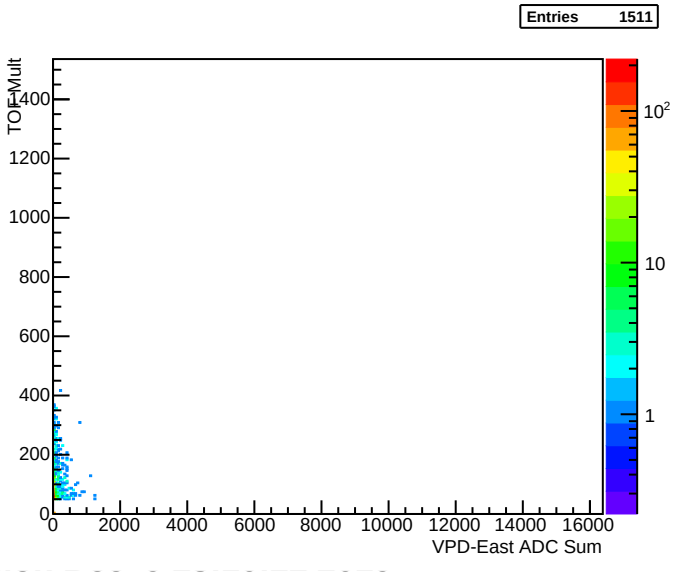

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

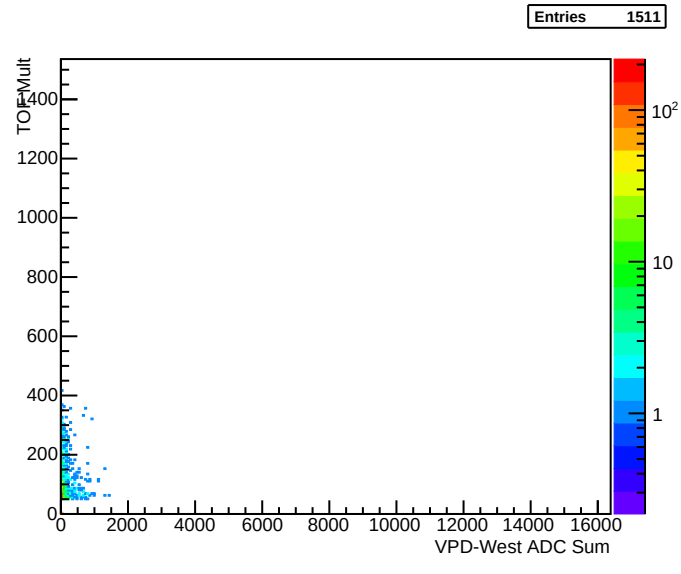

Entries 1511
TOF-Mult
BBC-S-East ADC Sum

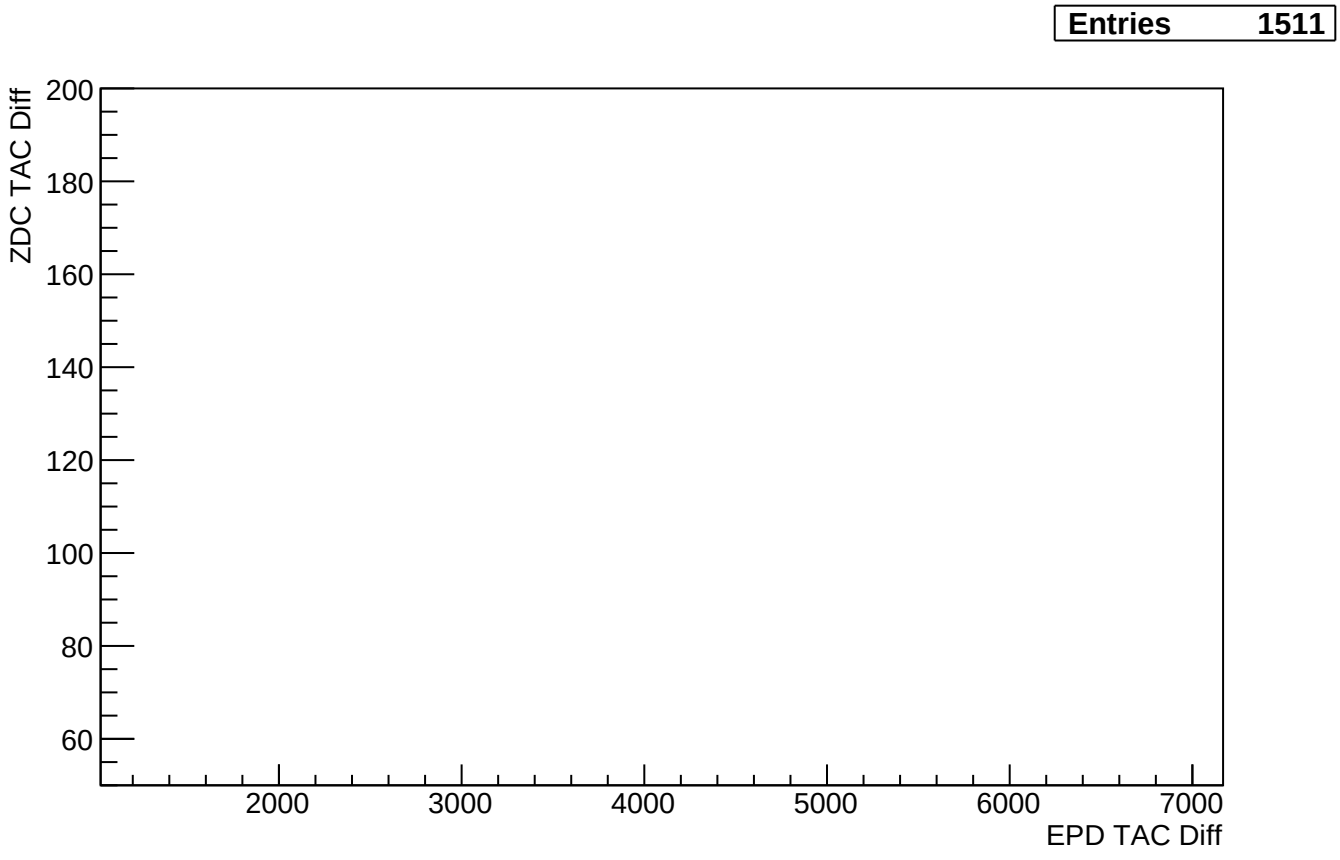

Entries 1511
TOF-Mult
BBC-S-West ADC Sum

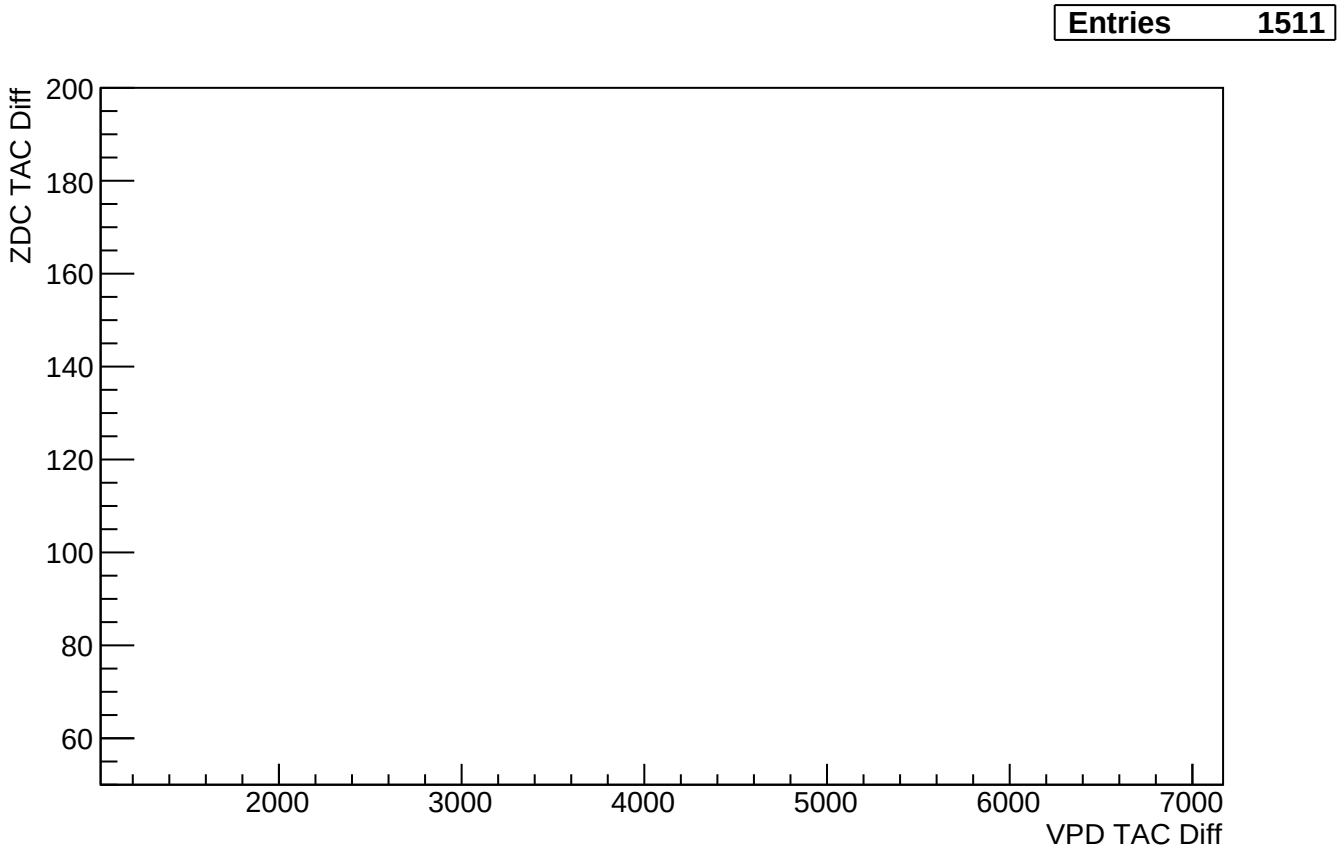

Entries 1511
TOF-Mult
EPD-East Hit Cnt

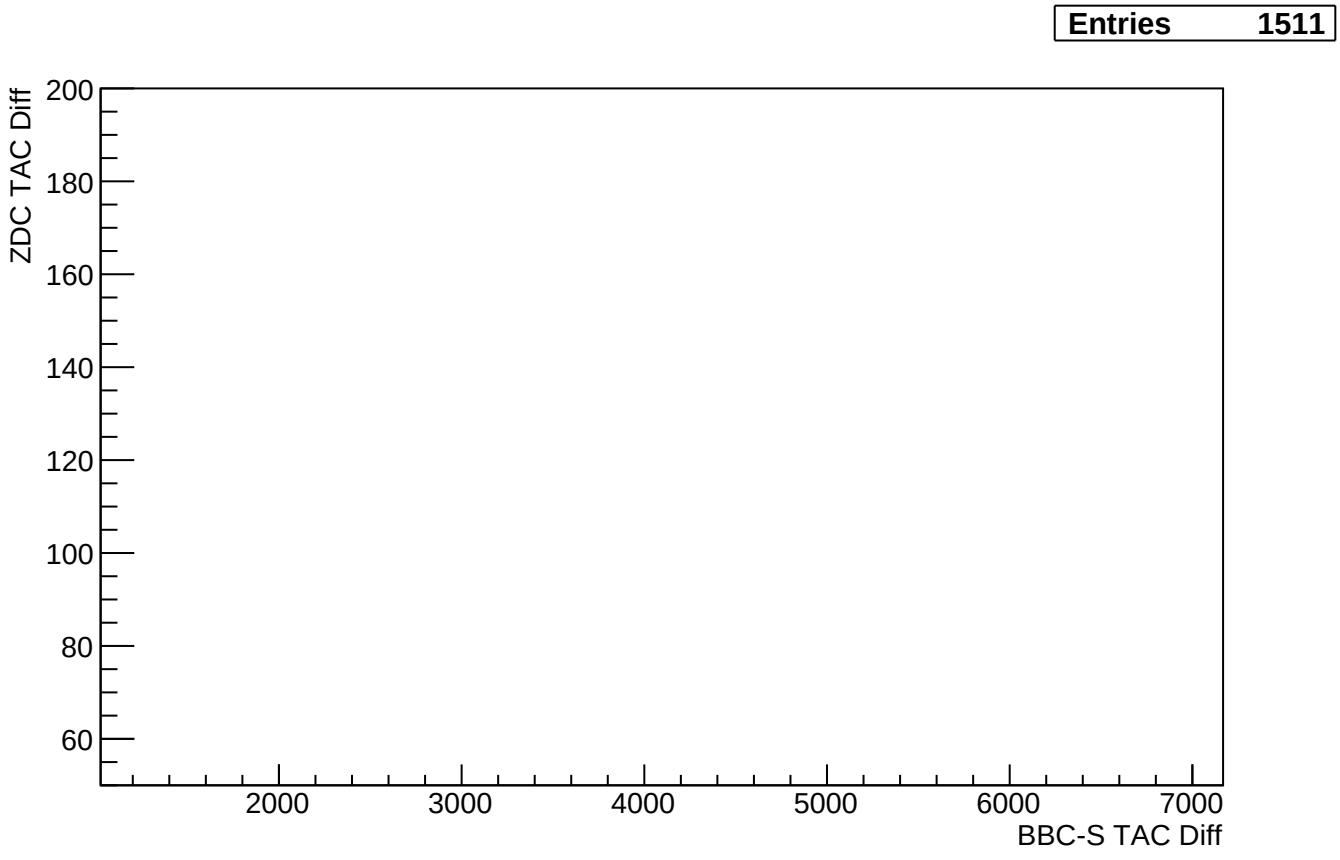

Entries 1511
TOF-Mult
EPD-West Hit Cnt

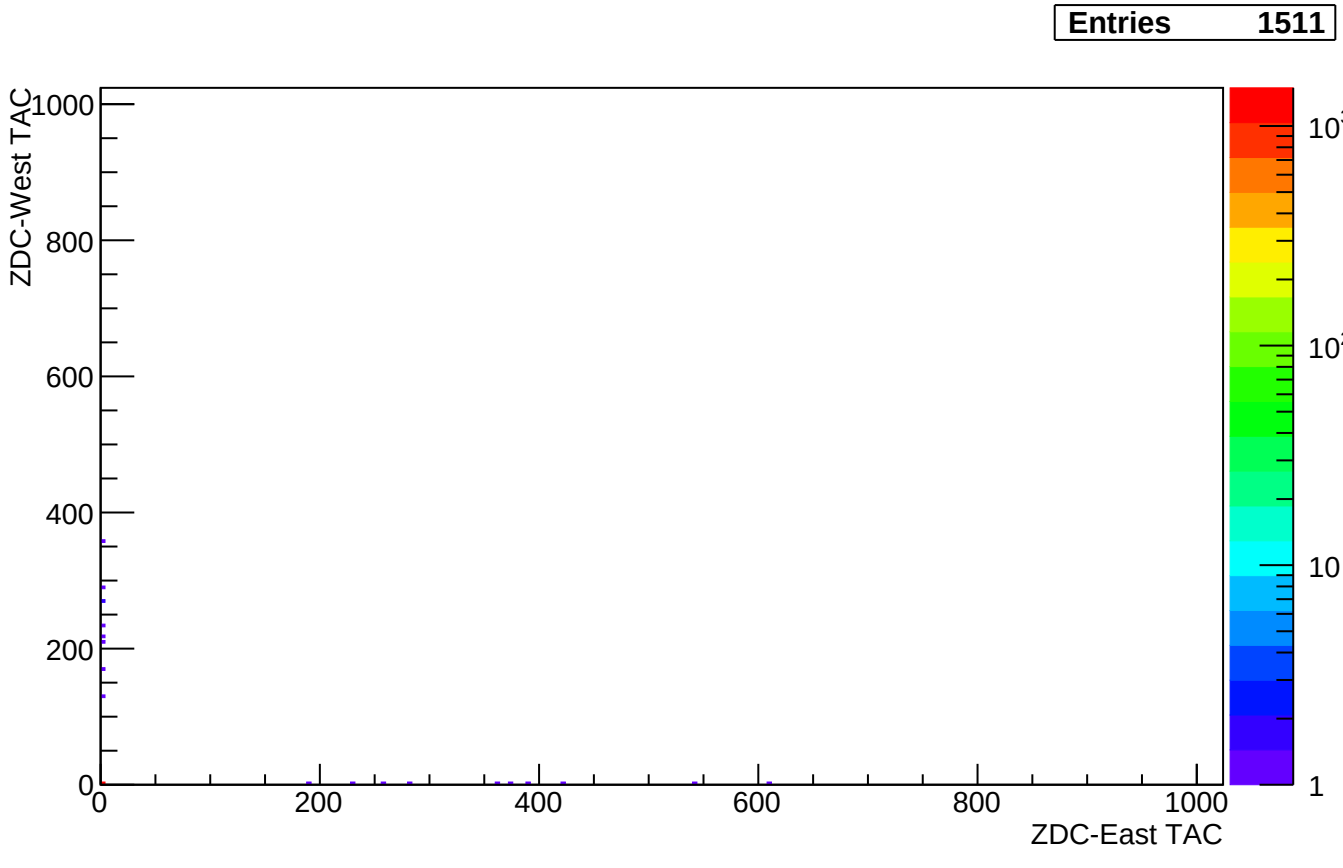

Entries 1511
TOF-Mult
VPD-East ADC Sum

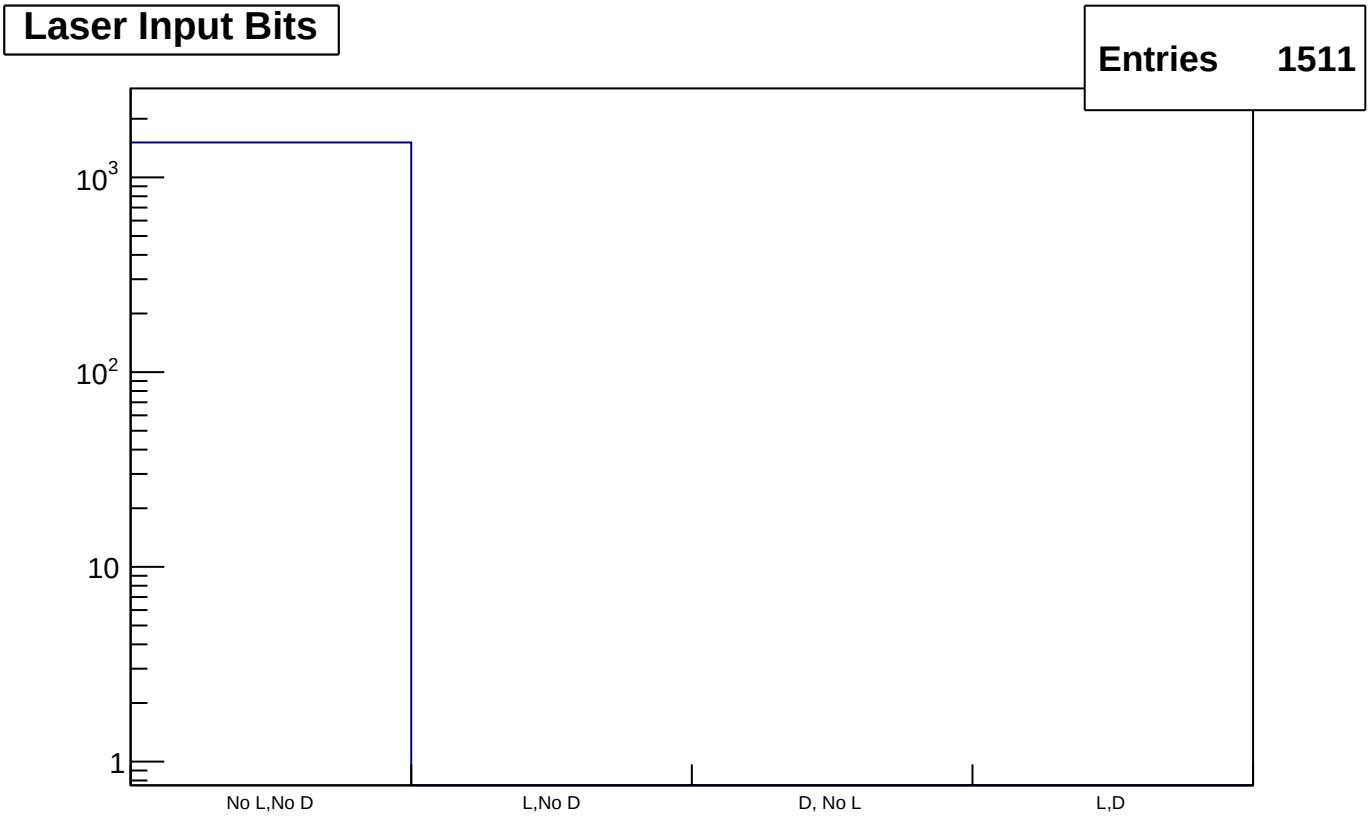

Entries 1511
TOF-Mult
VPD-West ADC Sum

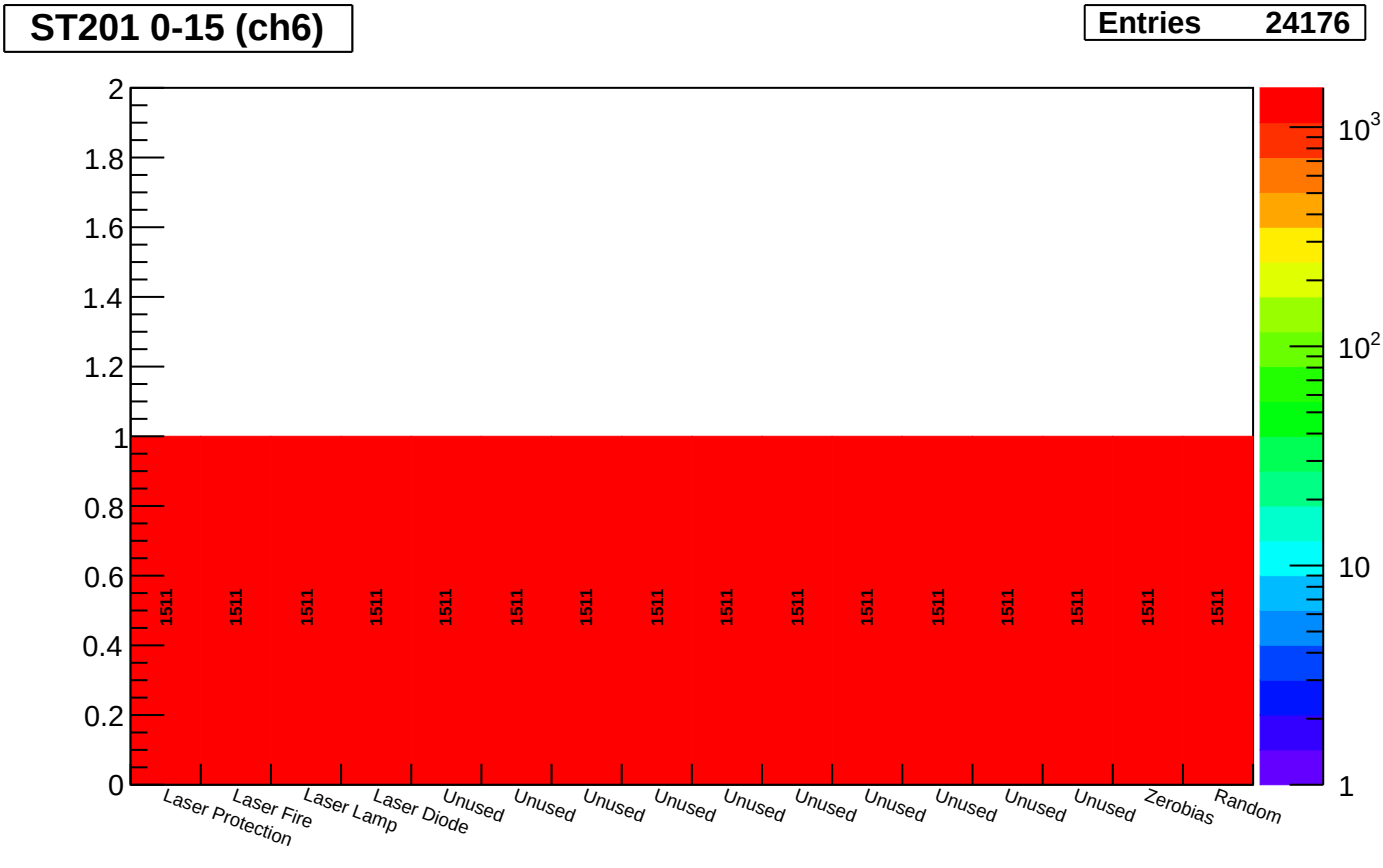

Entries 1511
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff

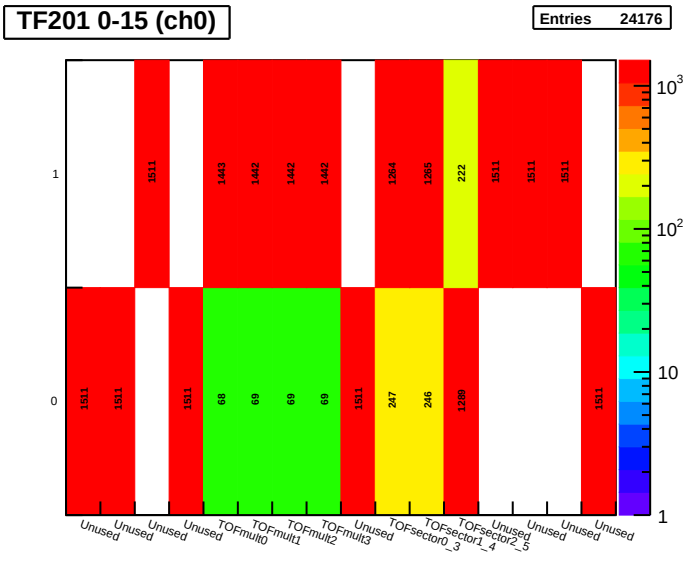

Entries 1511
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

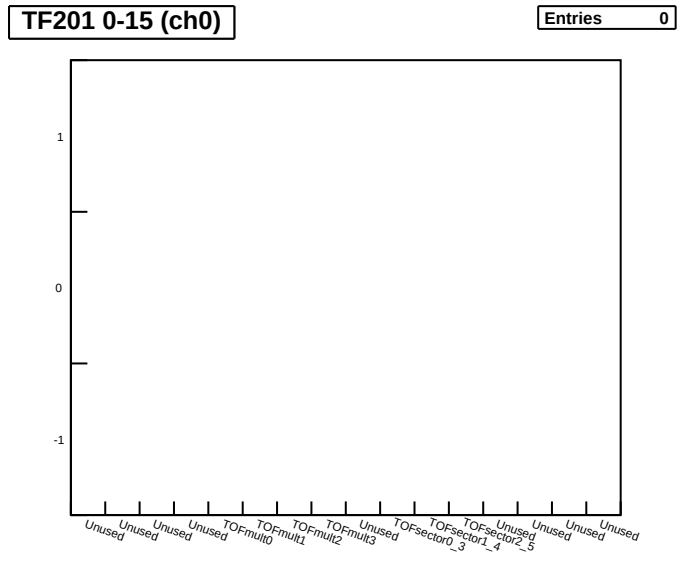

Entries 1511
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff

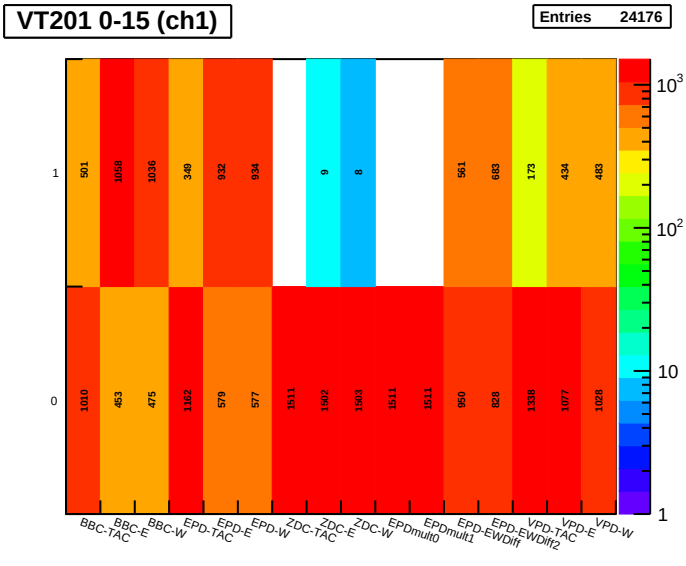

Entries 1511
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^3
10^2
10
1

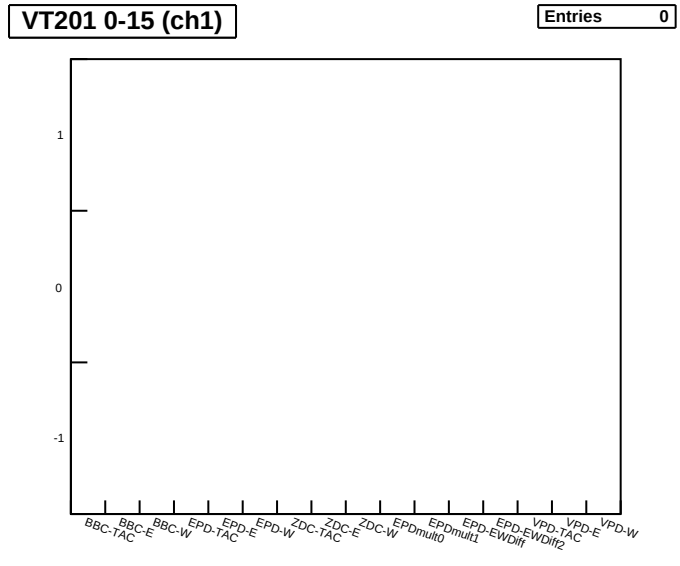

Laser Input Bits
Entries 1511
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

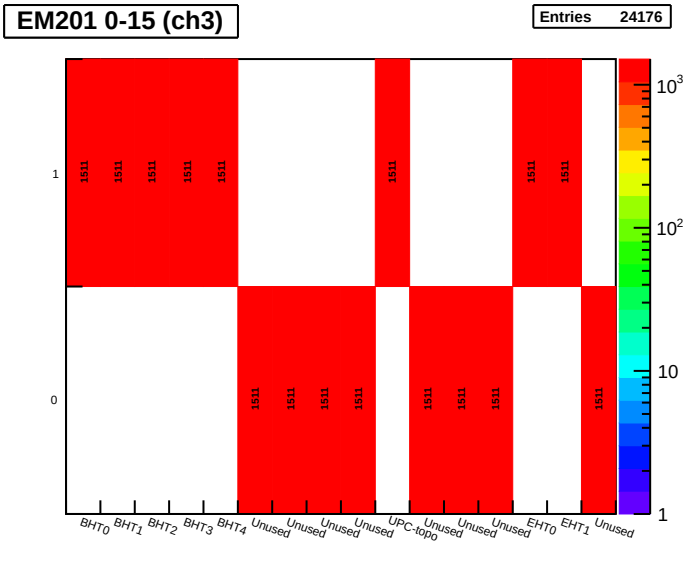

ST201 0-15 (ch6)
Entries 24176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1511
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1

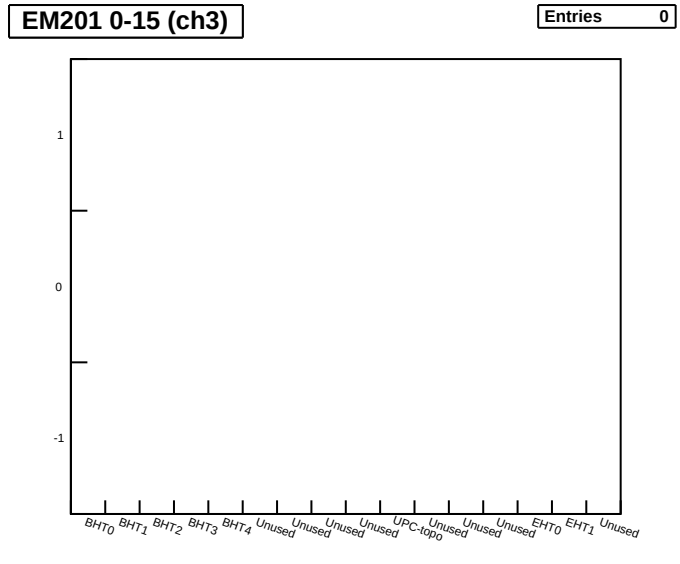

TF201 0-15 (ch0)
Entries 24176
1 1511 1443 1442 1442 1442 1264 1265 222 1511 1511 1511
0 1511 1511 1511 68 69 69 69 1511 247 246 1289 1511
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^3
10^2
10
1


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 24176
1 501 1058 1036 349 932 934 9 8 561 683 173 434 483
0 1010 453 475 1162 579 577 1511 1502 1503 1511 1511 950 828 1338 1077 1028
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 24176
1 1511 1511 1511 1511 1511 1511 1511 1511
0 1511 1511 1511 1511 1511 1511 1511 1511
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