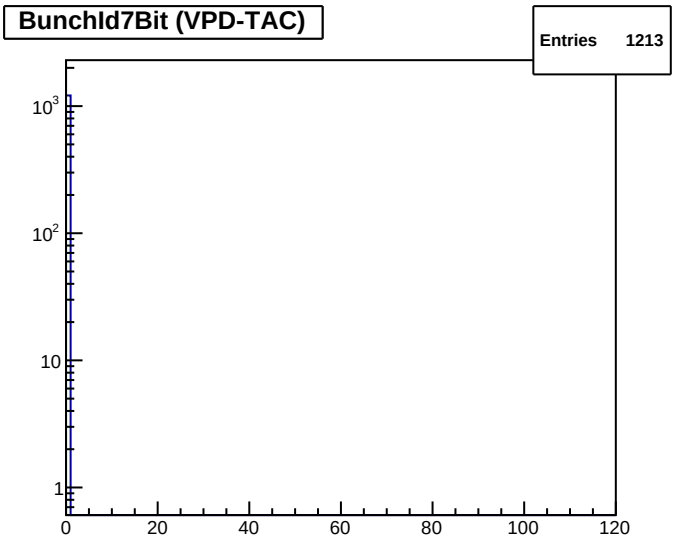
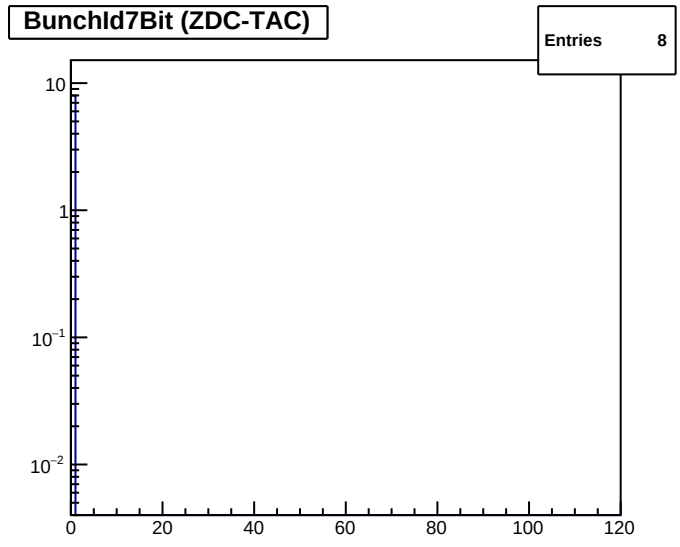
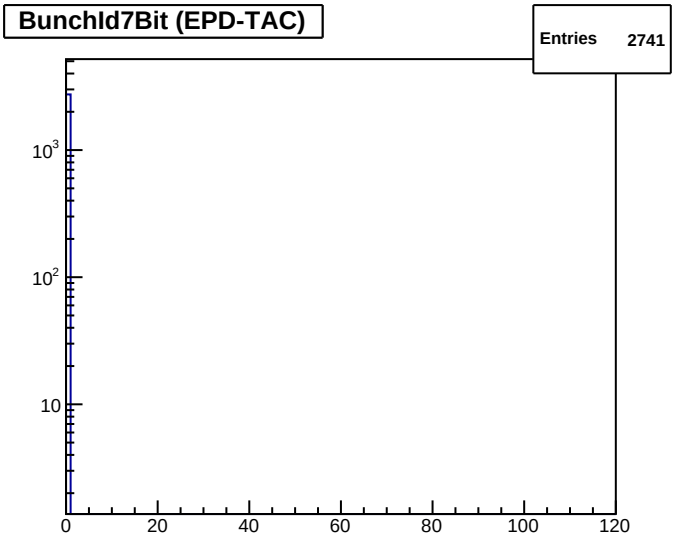
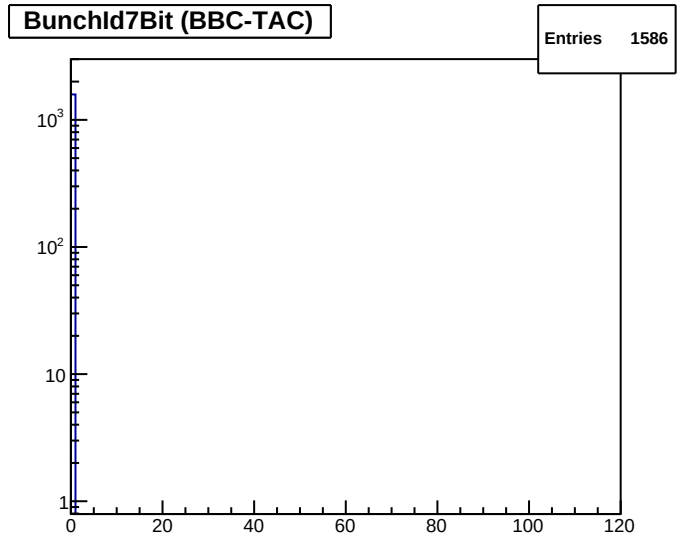
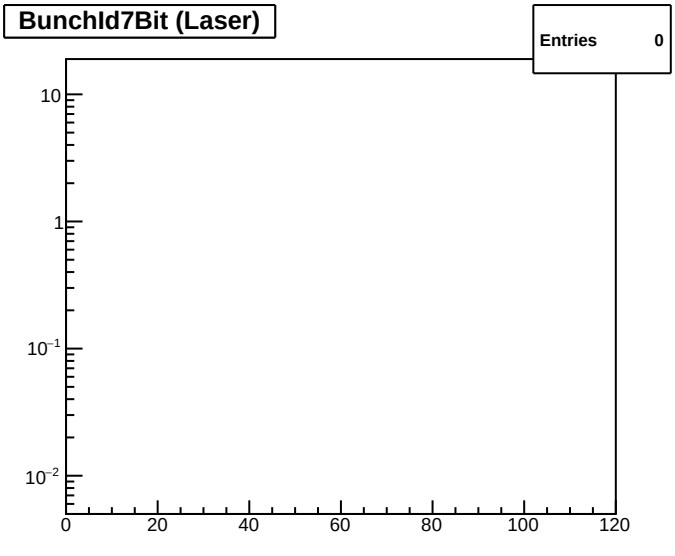
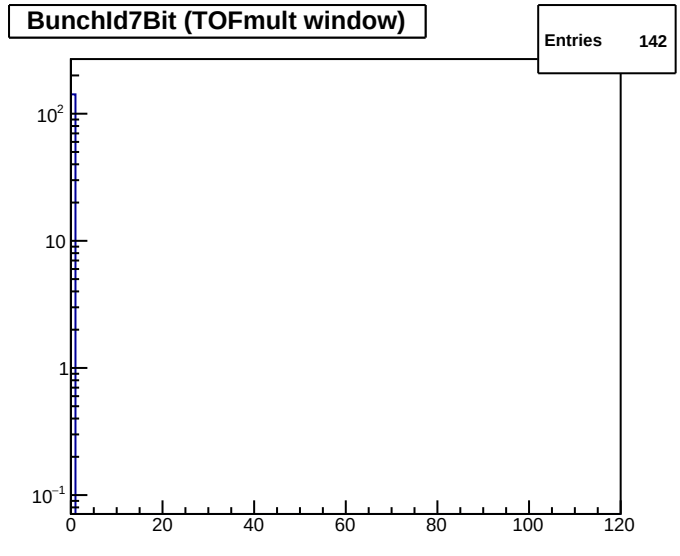

BunchId7Bit (VPD-TAC)
Entries 1213

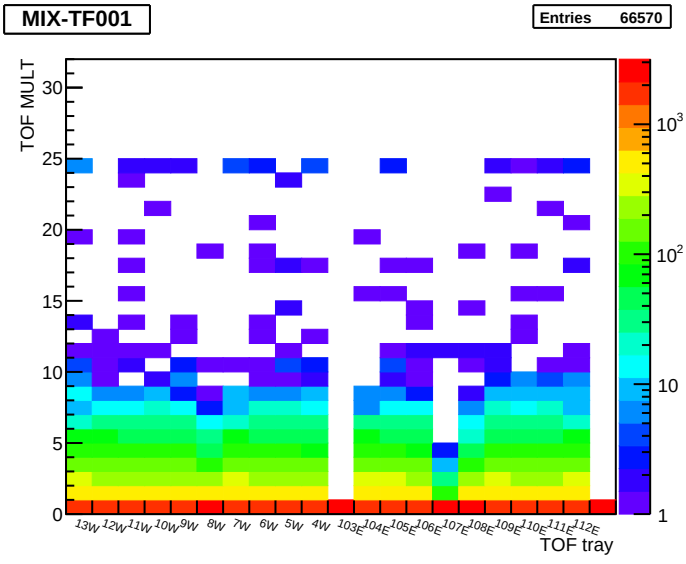

BunchId7Bit (ZDC-TAC)
Entries 8

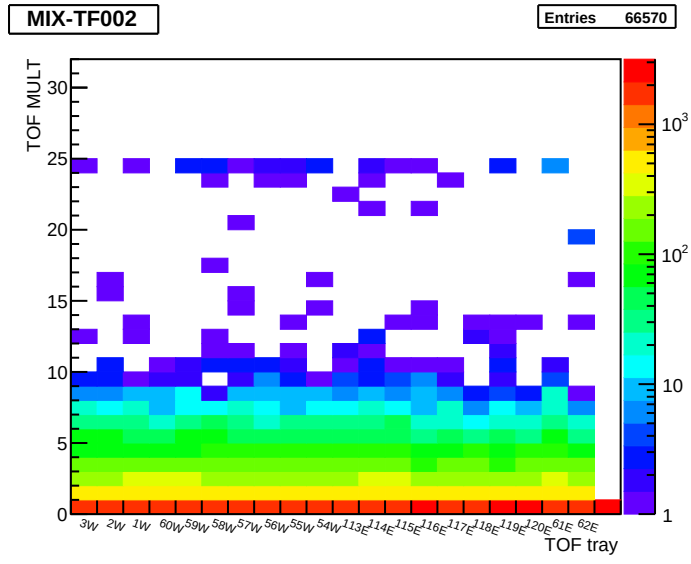

BunchId7Bit (EPD-TAC)
Entries 2741

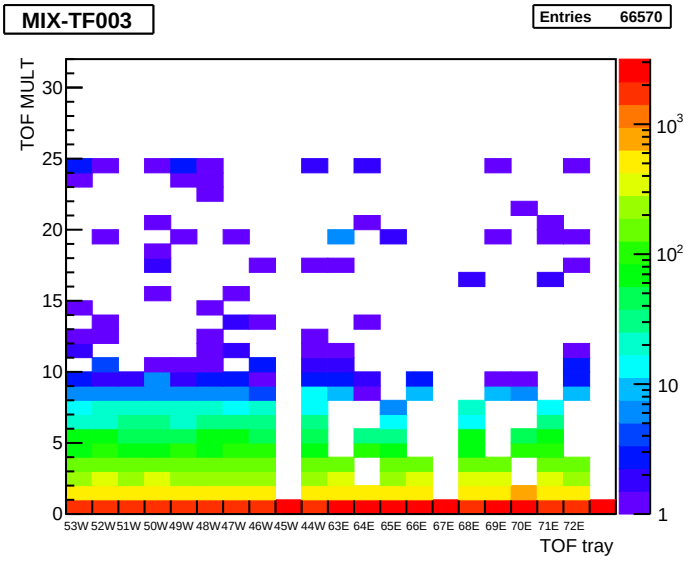

BunchId7Bit (BBC-TAC)
Entries 1586

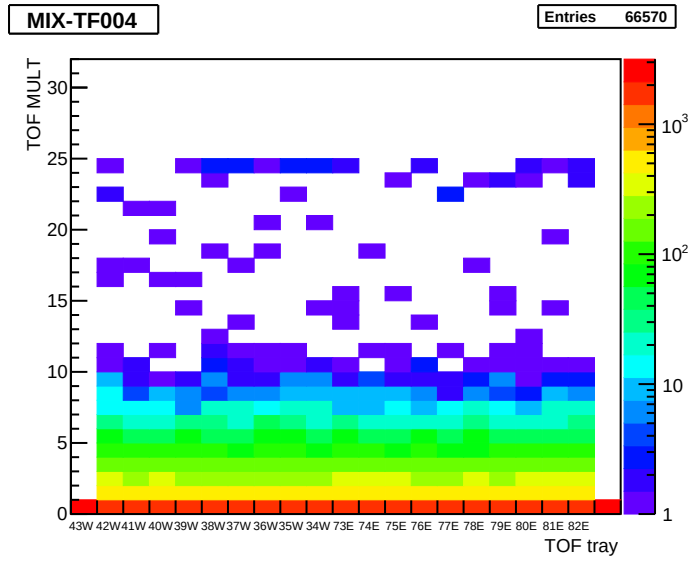

BunchId7Bit (Laser)
Entries 0

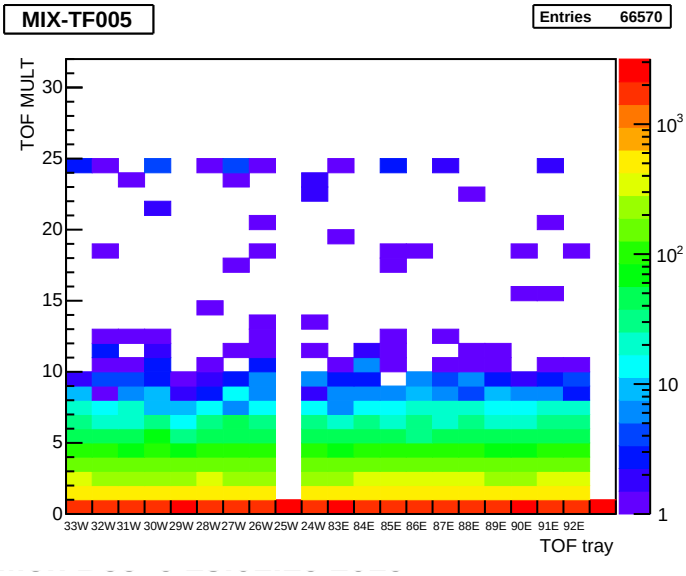

BunchId7Bit (TOFmult window)
Entries 142

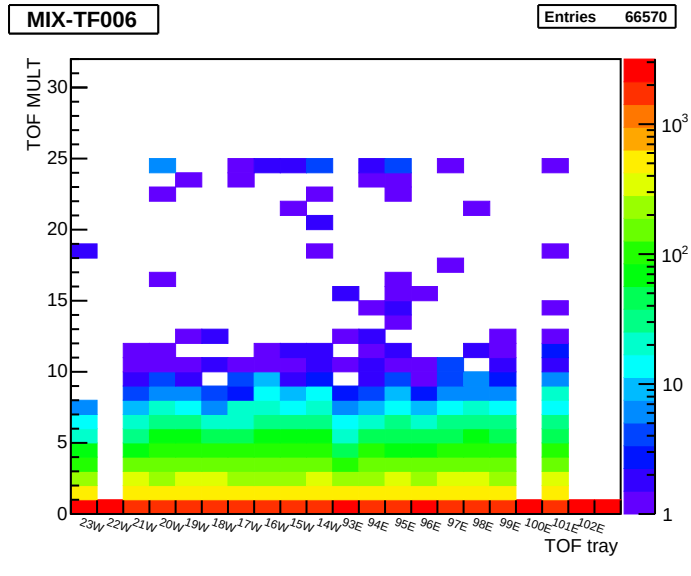

MIX-TF001
Entries 66570
TOF MULT
TOF tray

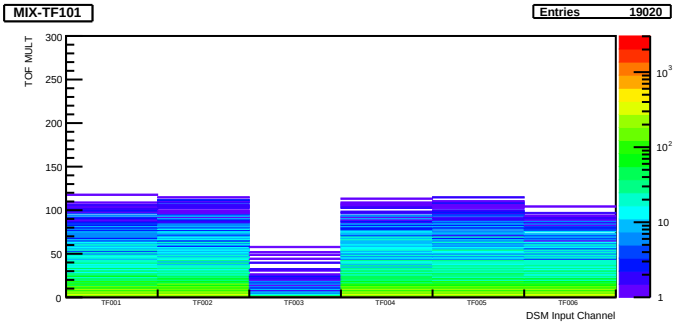

MIX-TF002
Entries 66570
TOF MULT
TOF tray

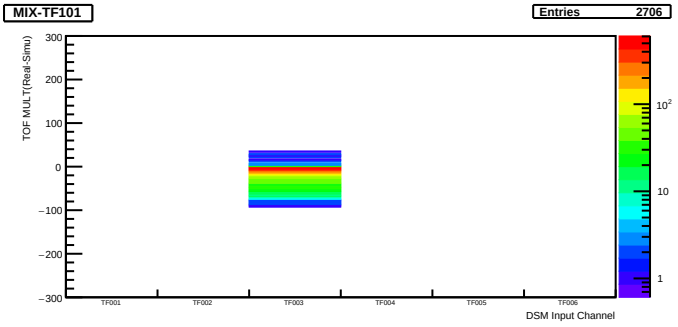

MIX-TF003
Entries 66570
TOF MULT
TOF tray

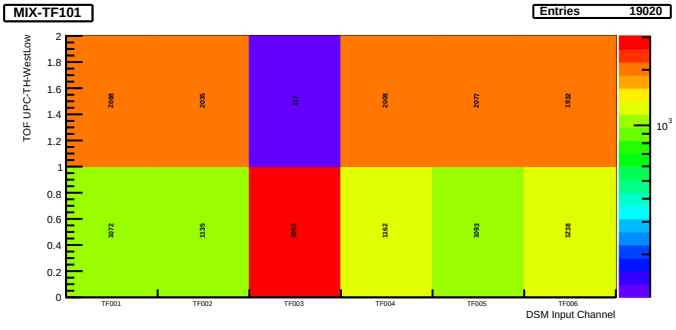

MIX-TF004
Entries 66570
TOF MULT
TOF tray

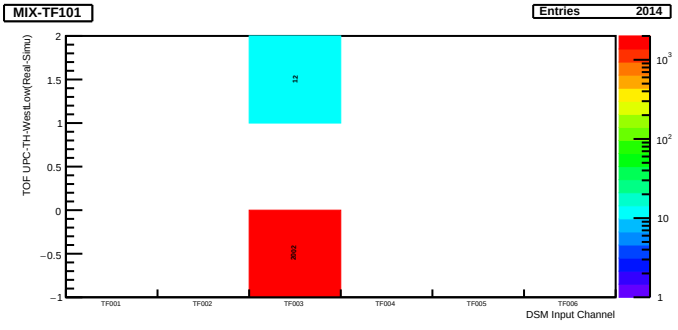

MIX-TF005
Entries 66570
TOF MULT
TOF tray

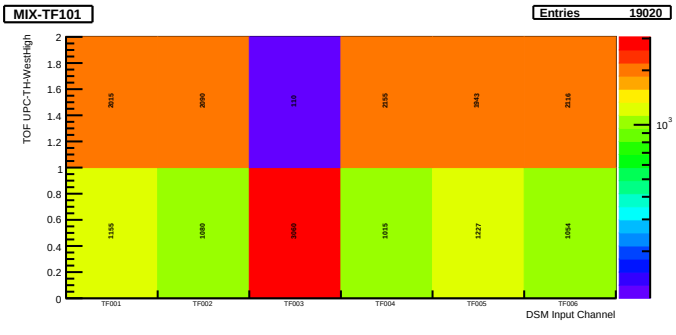

MIX-TF006
Entries 66570
TOF MULT
TOF tray

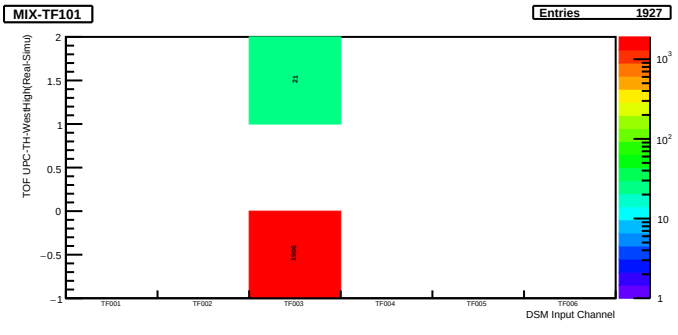

MIX-TF101
Entries 19020
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

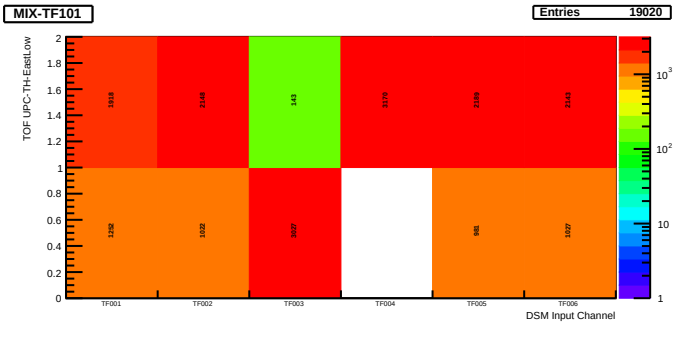

MIX-TF101
Entries 2706
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

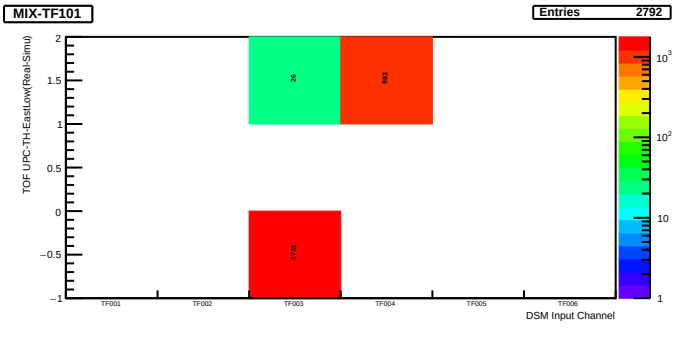

MIX-TF101
Entries 19020
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

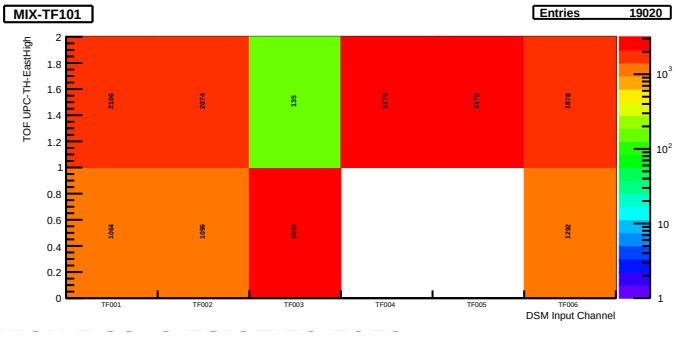

MIX-TF101
Entries 2014
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

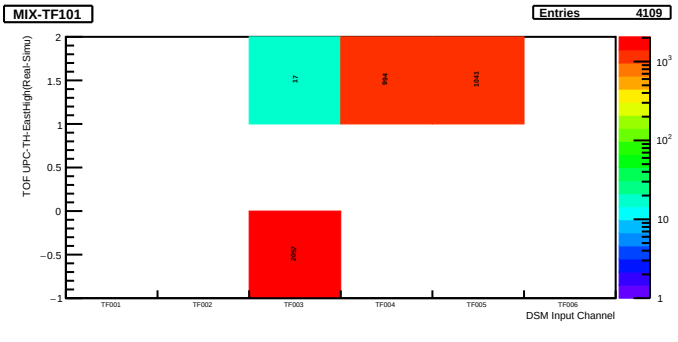

MIX-TF101
Entries 19020
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

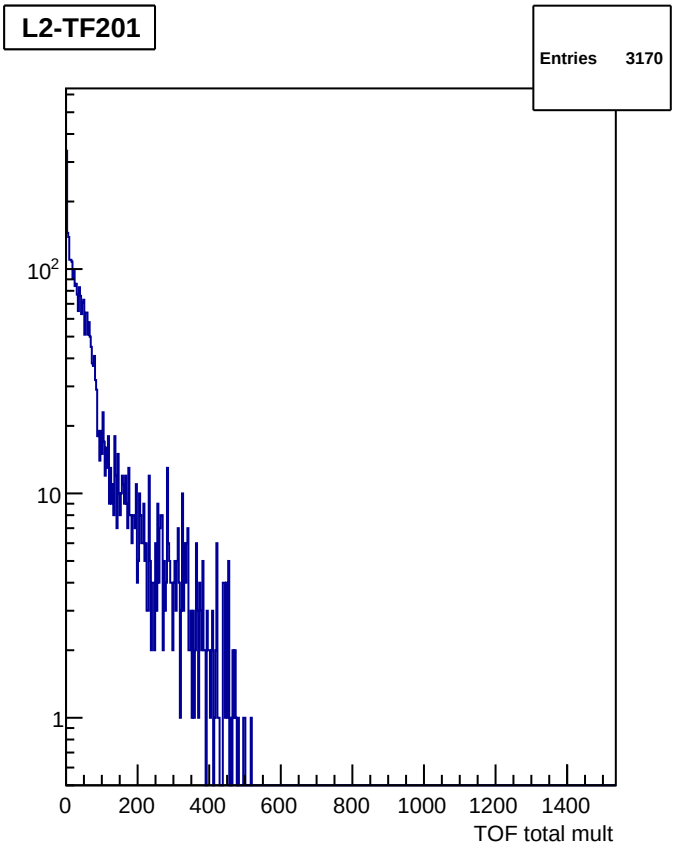

MIX-TF101
Entries 1927
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

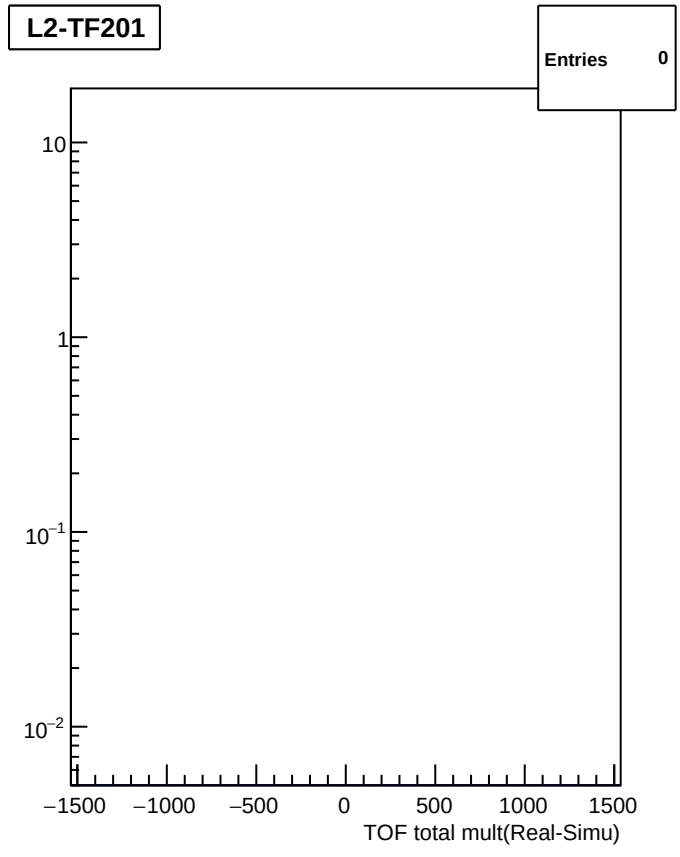

MIX-TF101
Entries 19020
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

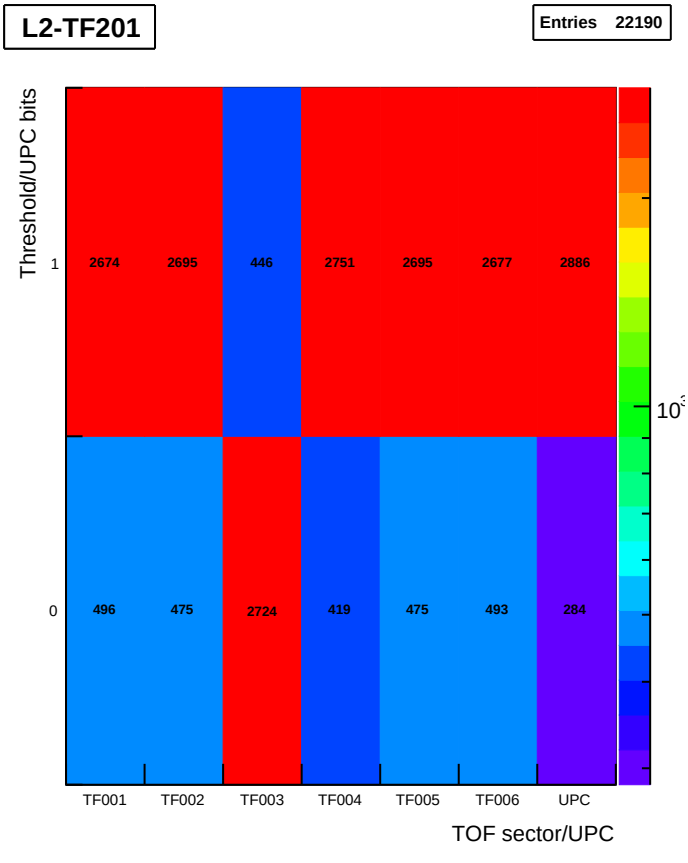

MIX-TF101
Entries 2792
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

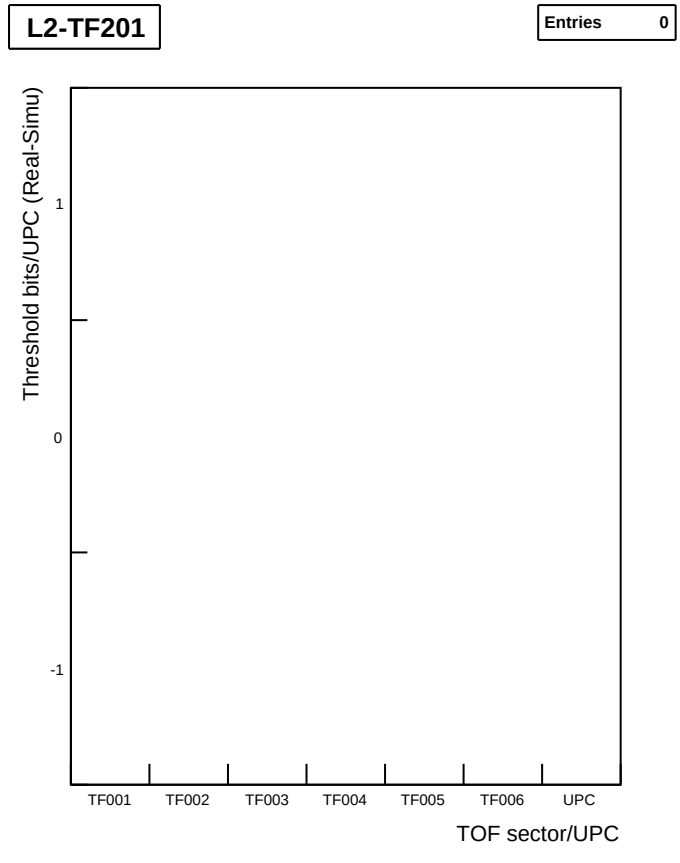

MIX-TF101
Entries 19020
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

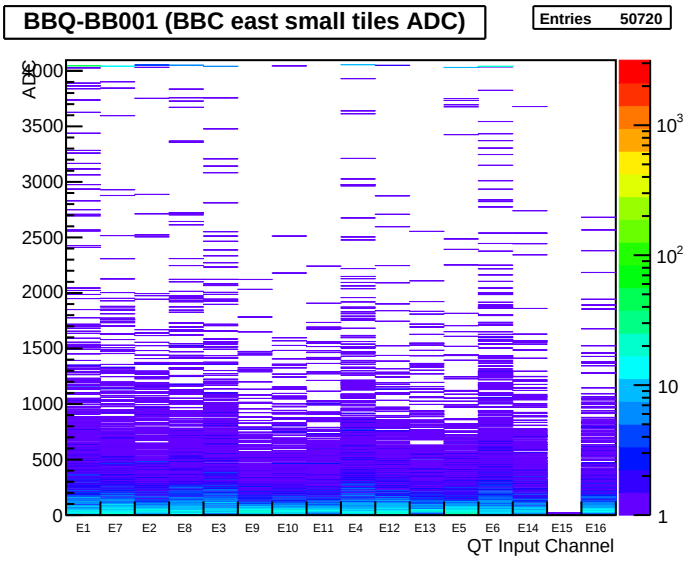

MIX-TF101
Entries 4109
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

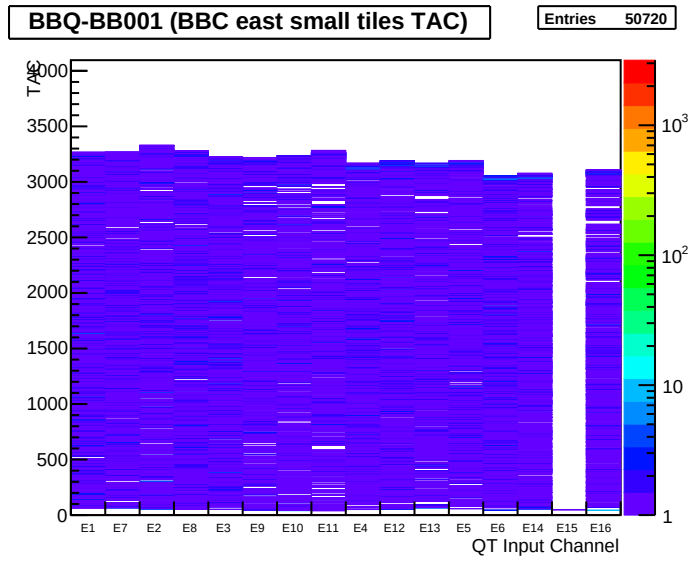

L2-TF201
Entries 3170
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

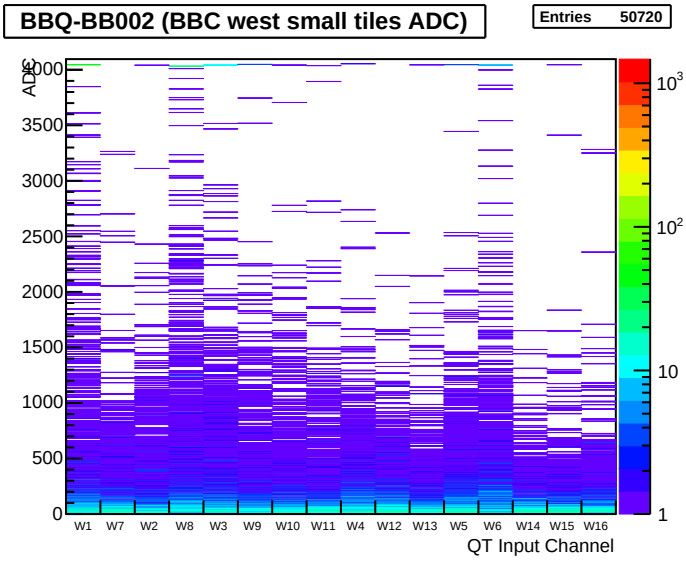

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

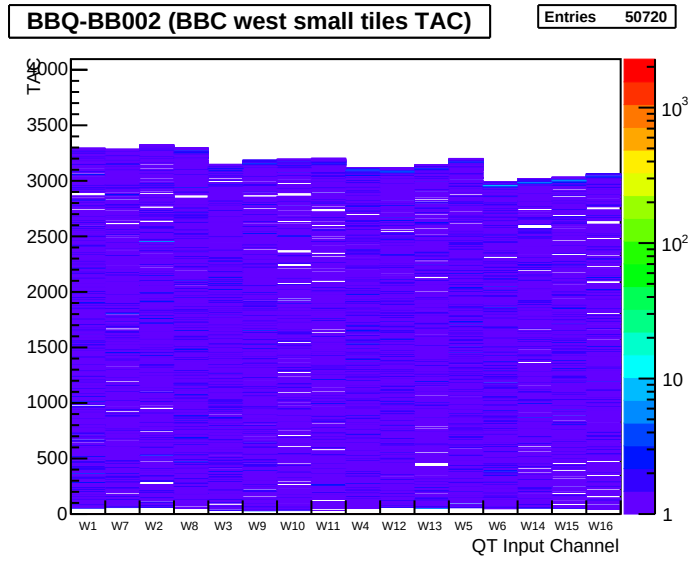

L2-TF201
Entries 22190
Threshold/UPC bits
1
0
2674
2695
446
2751
2695
2677
2886
496
475
2724
419
475
493
284
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

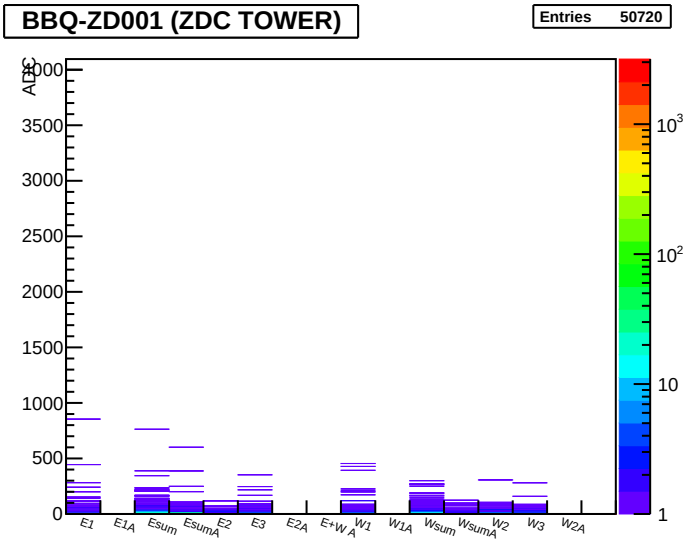

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

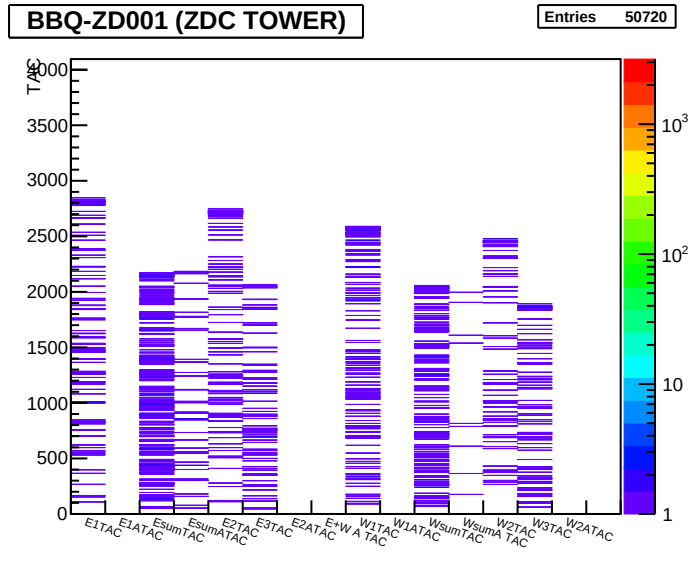

BBQ-BB001 (BBC east small tiles ADC)
Entries 50720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

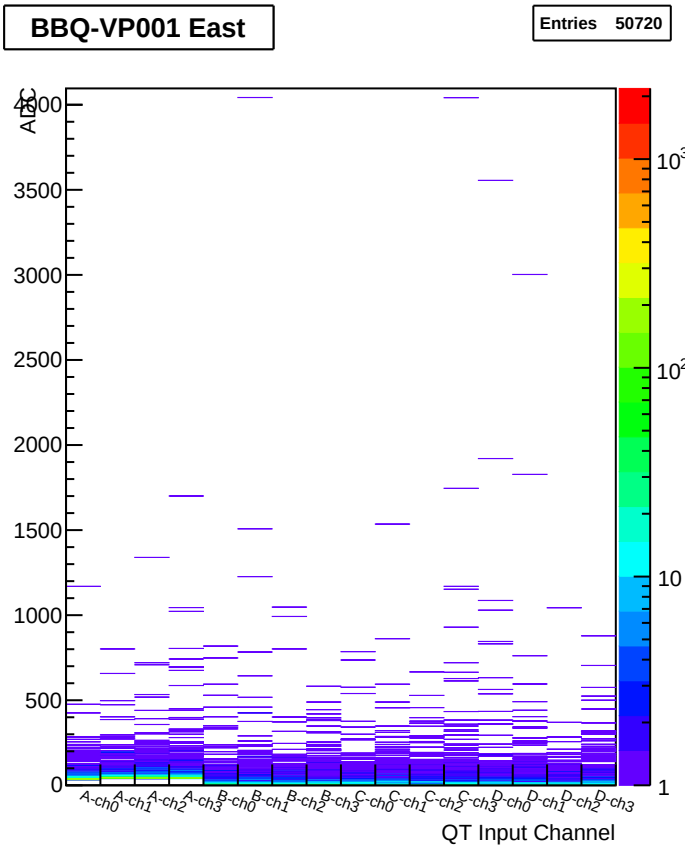

BBQ-BB001 (BBC east small tiles TAC)
Entries 50720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

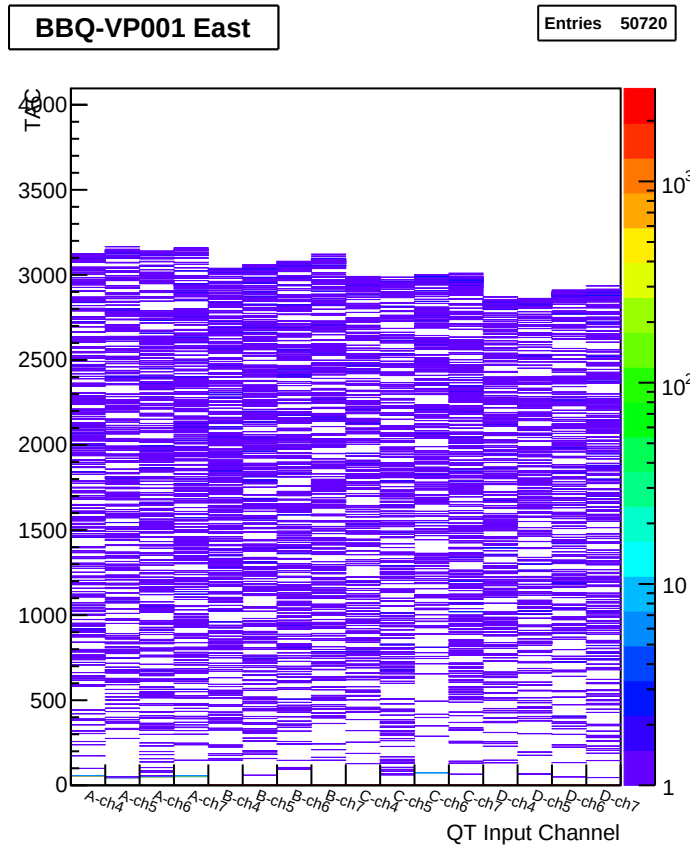

BBQ-BB002 (BBC west small tiles ADC)
Entries 50720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

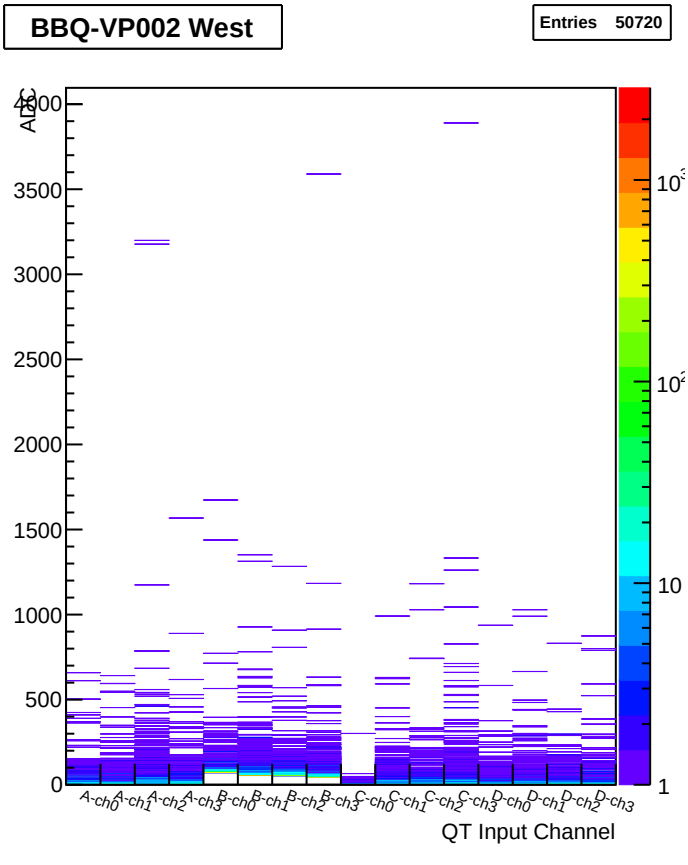

BBQ-BB002 (BBC west small tiles TAC)
Entries 50720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

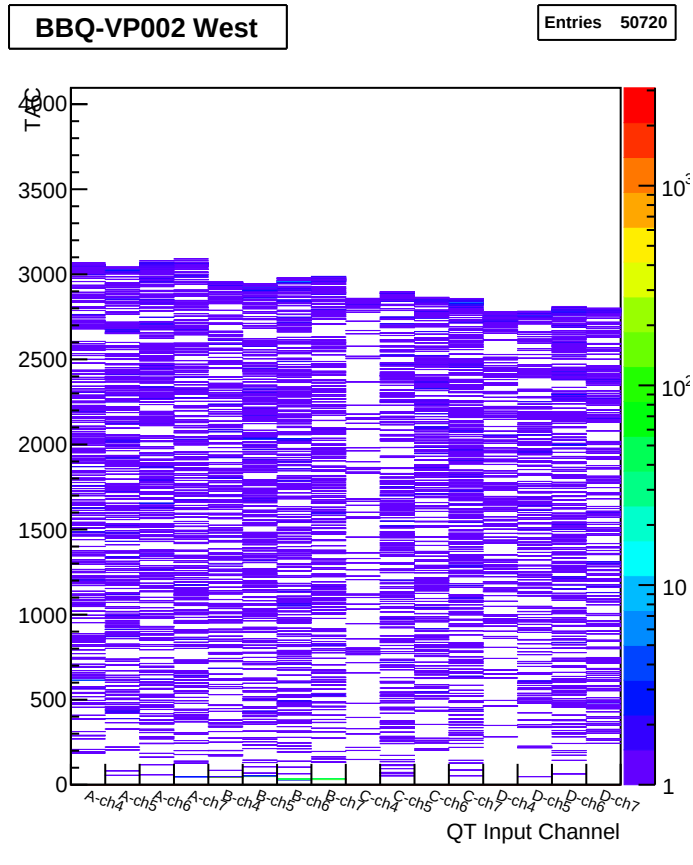

BBQ-ZD001 (ZDC TOWER)
Entries 50720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

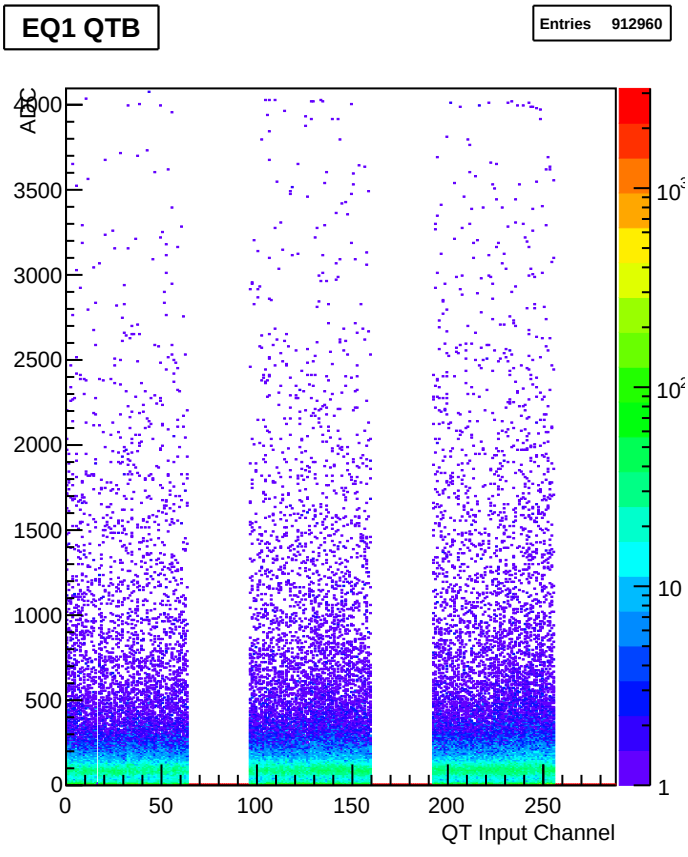

BBQ-ZD001 (ZDC TOWER)
Entries 50720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

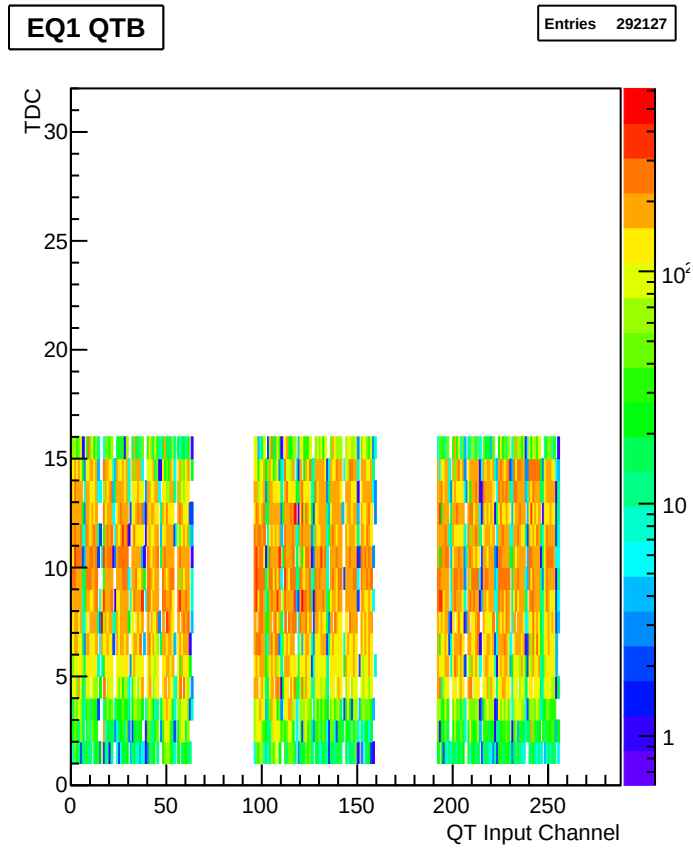

BBQ-VP001 East
Entries 50720
ADC
QT Input Channel

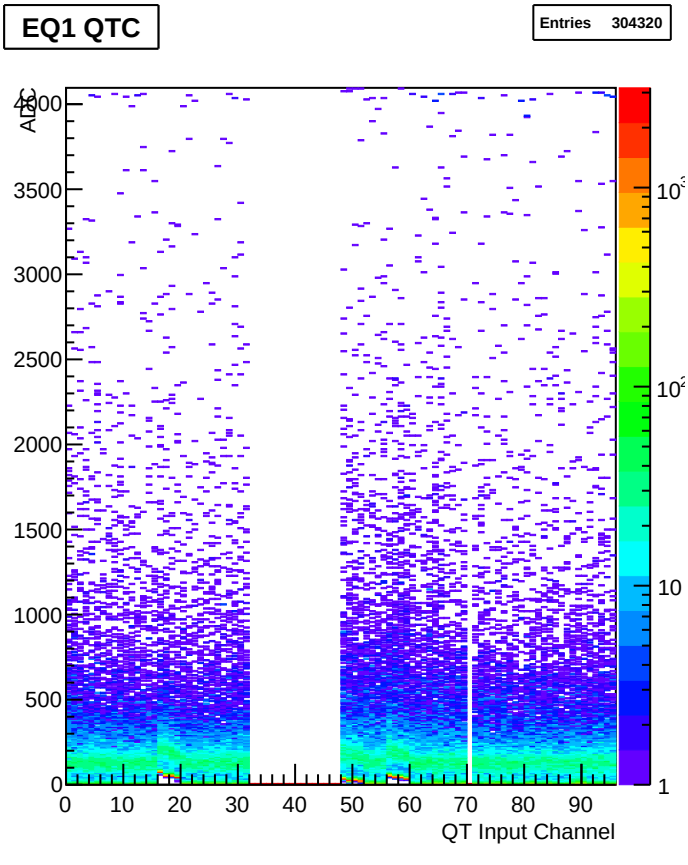

BBQ-VP001 East
Entries 50720
TADC
QT Input Channel

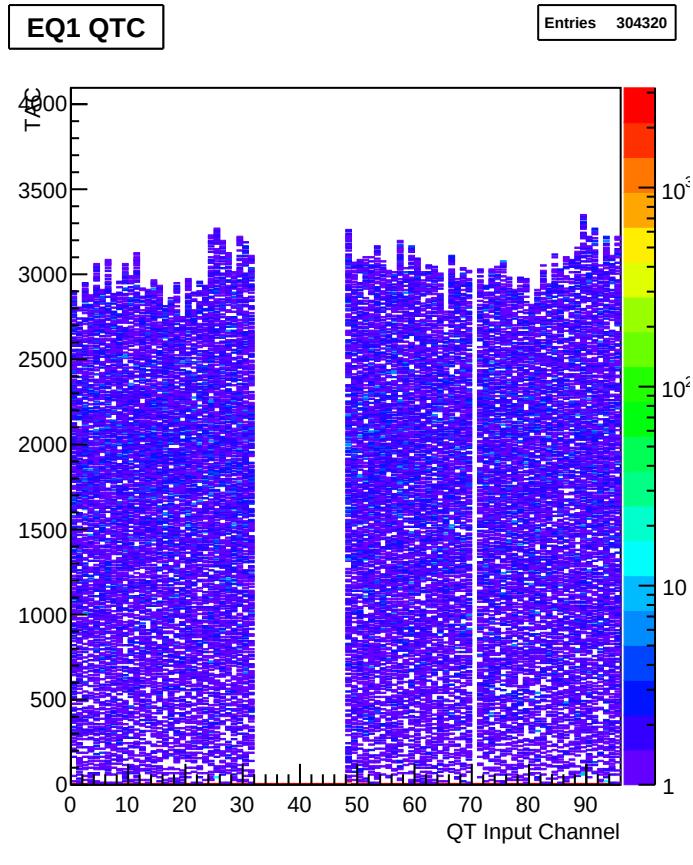

BBQ-VP002 West
Entries 50720
ADC
QT Input Channel

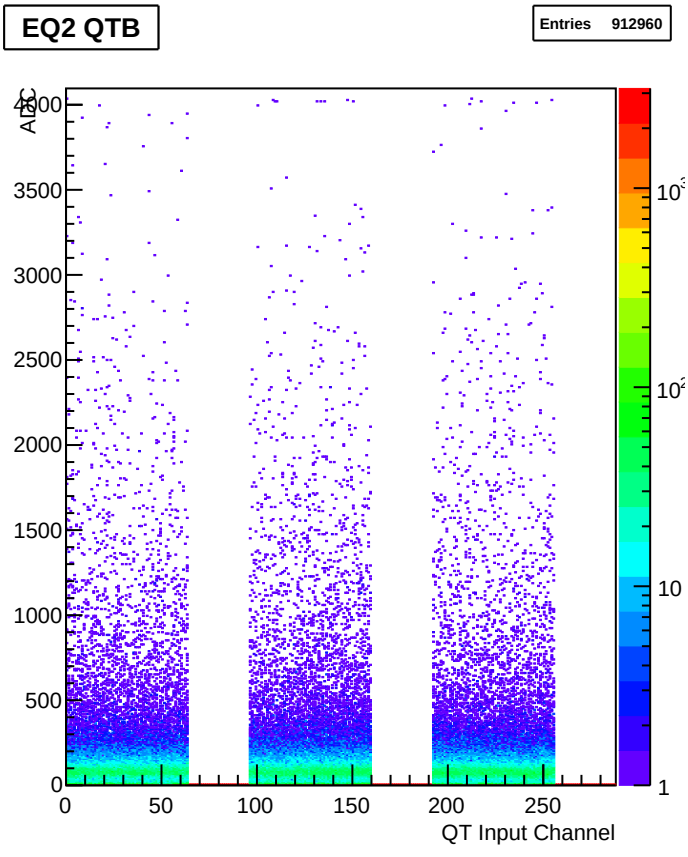

BBQ-VP002 West
Entries 50720
TADC
QT Input Channel

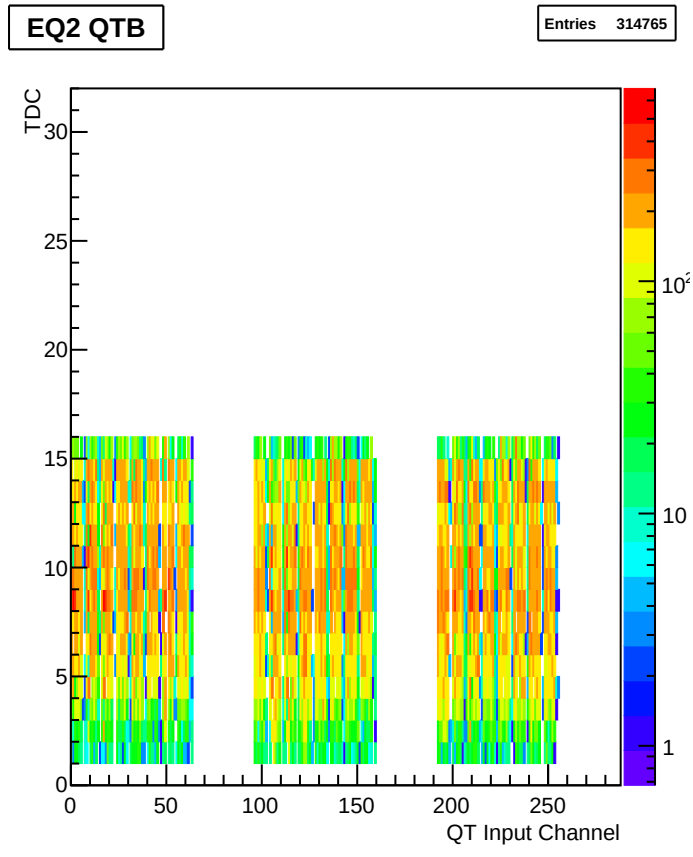

EQ1 QTB
Entries 912960
ADC
QT Input Channel

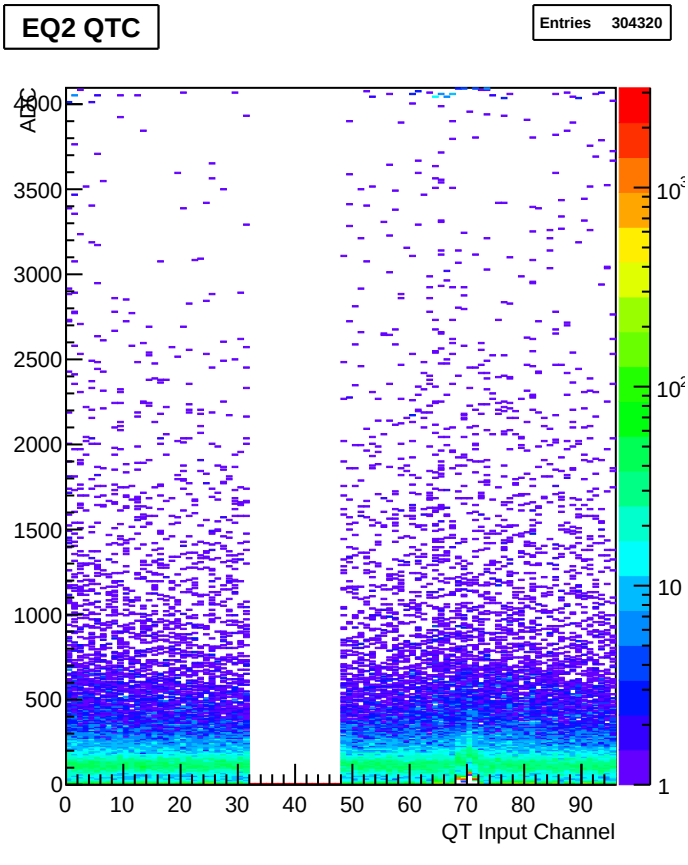

EQ1 QTB
Entries 292127
TDC
QT Input Channel

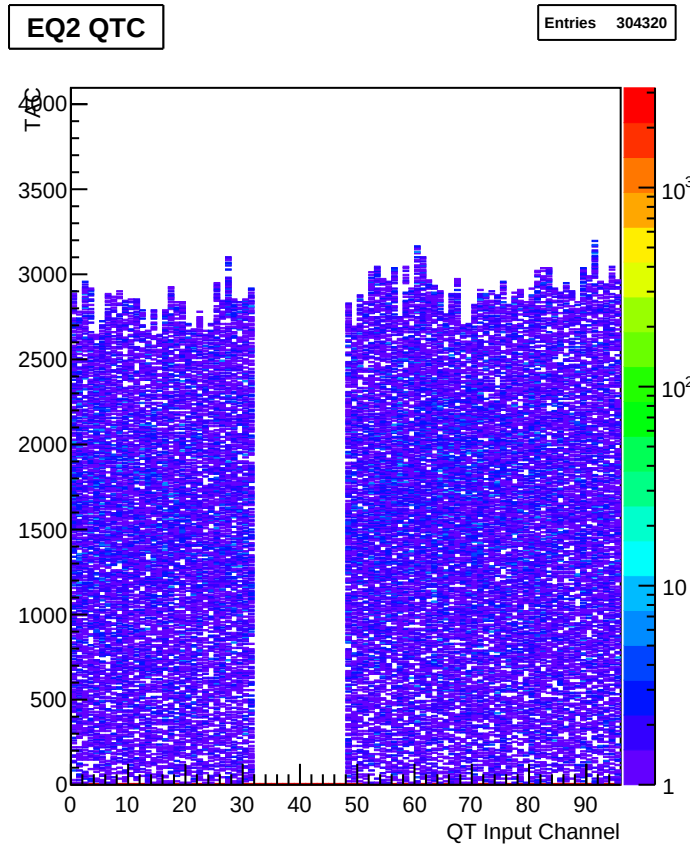

EQ1 QTC
Entries 304320
ADC
QT Input Channel

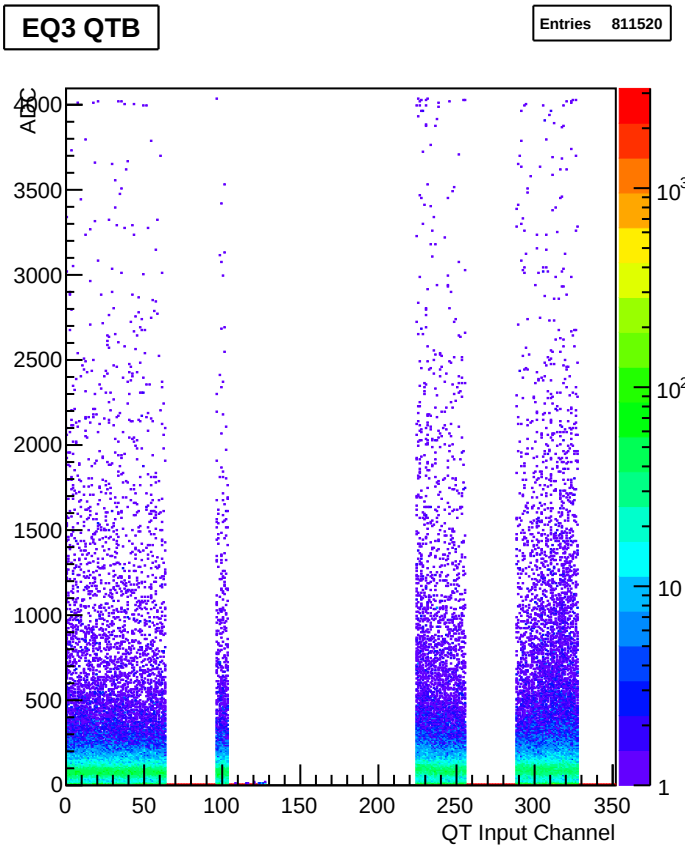

EQ1 QTC
Entries 304320
TADC
QT Input Channel

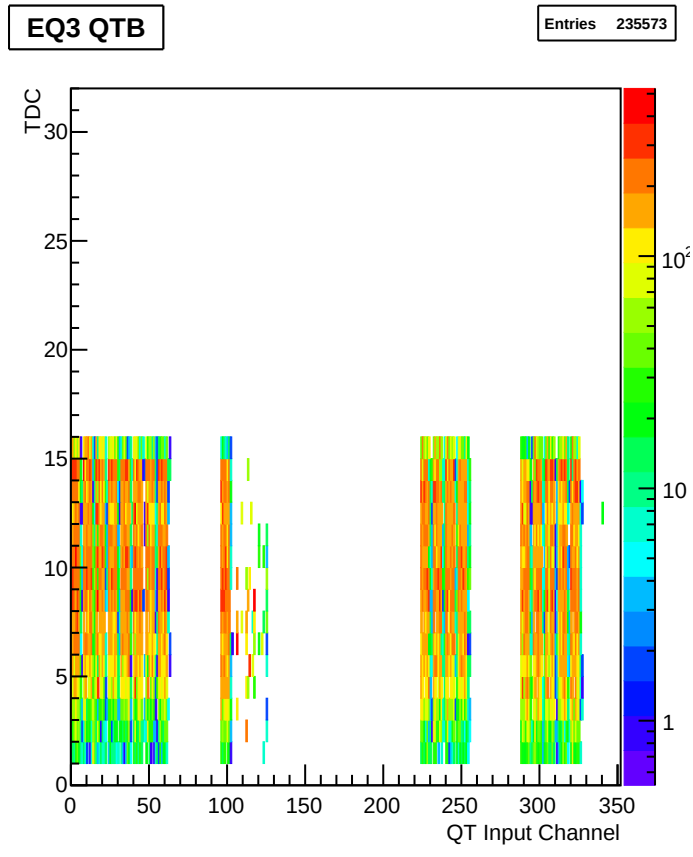

EQ2 QTB
Entries 912960
ADC
QT Input Channel

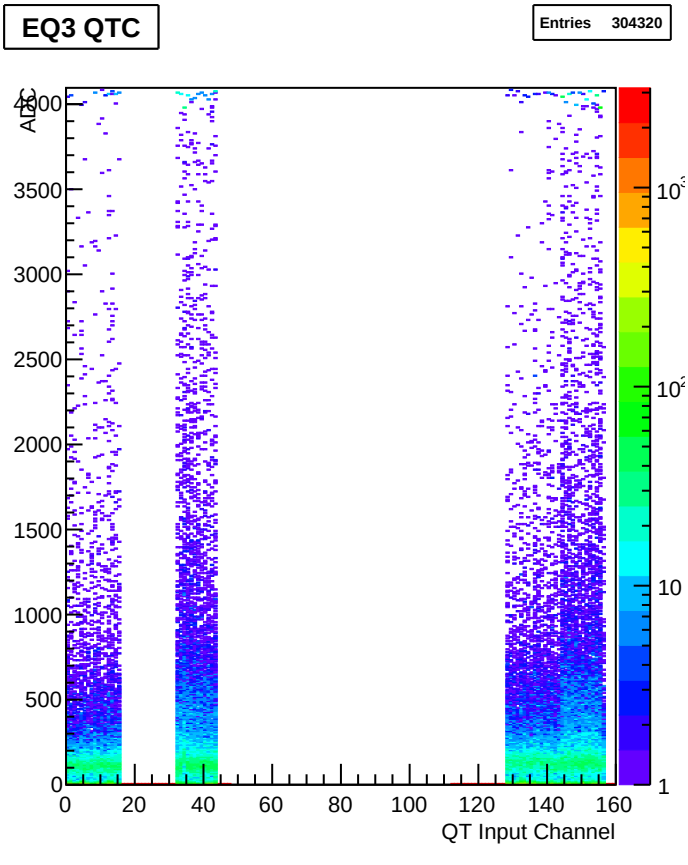

EQ2 QTB
Entries 314765
TDC
QT Input Channel

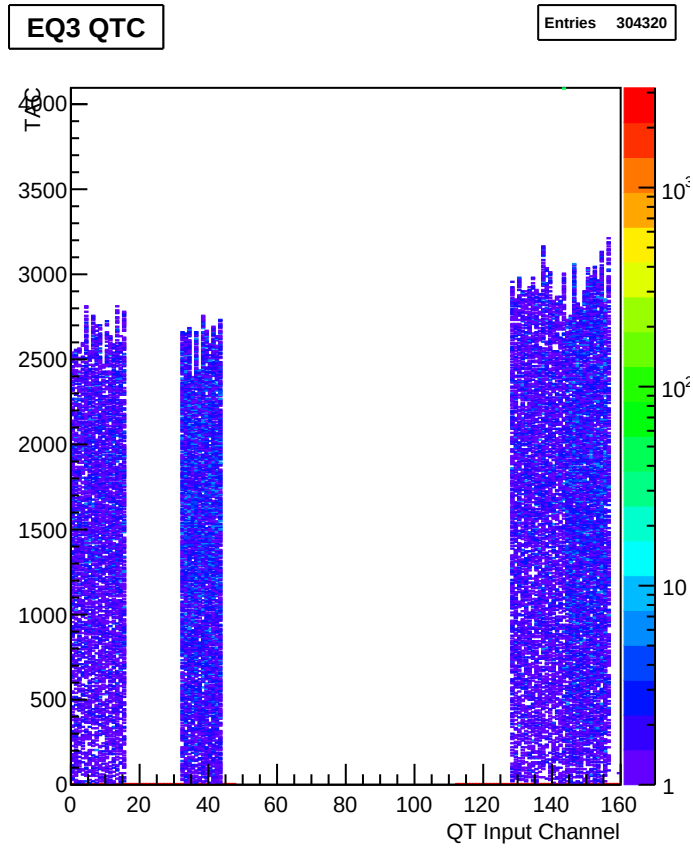

EQ2 QTC
Entries 304320
ADC
QT Input Channel

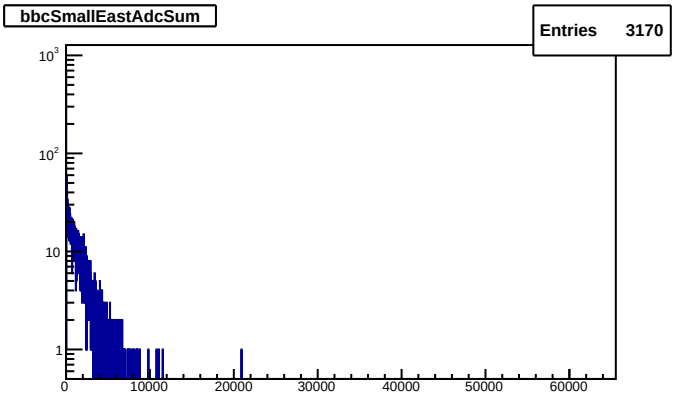

EQ2 QTC
Entries 304320
TADC
QT Input Channel

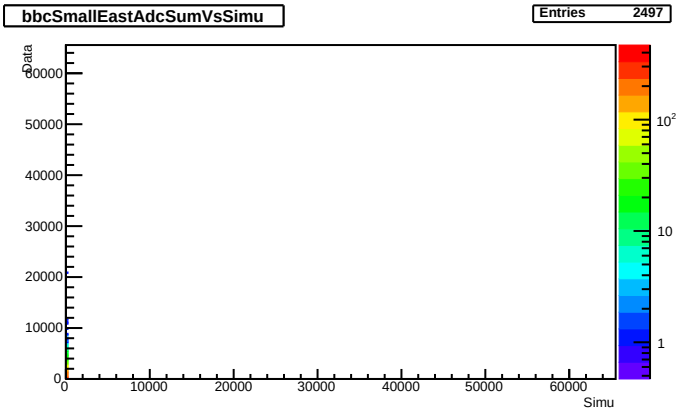

EQ3 QTB
Entries 811520
ADC
QT Input Channel

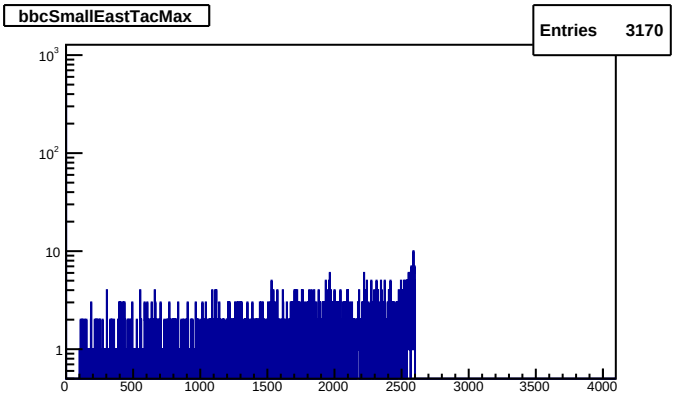

EQ3 QTB
Entries 235573
TDC
QT Input Channel

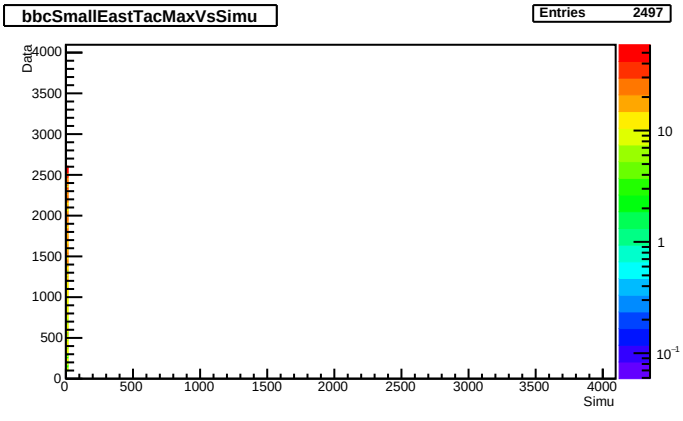

EQ3 QTC
Entries 304320
ADC
QT Input Channel

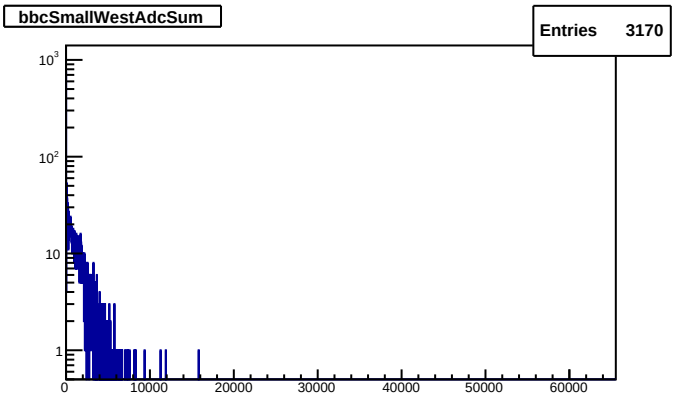

EQ3 QTC
Entries 304320
TADC
QT Input Channel

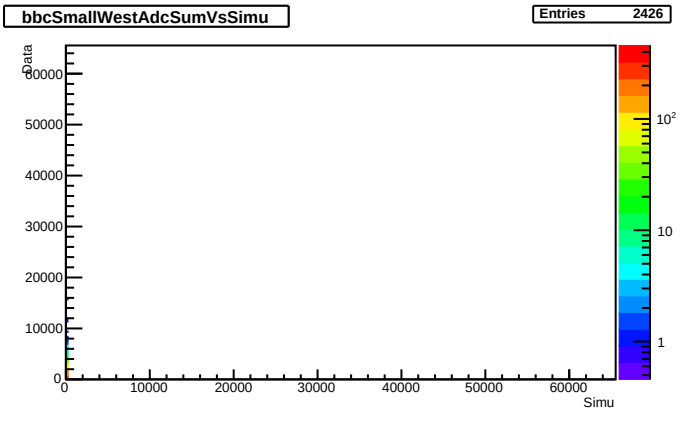

bbcSmallEastAdcSum
Entries 3170

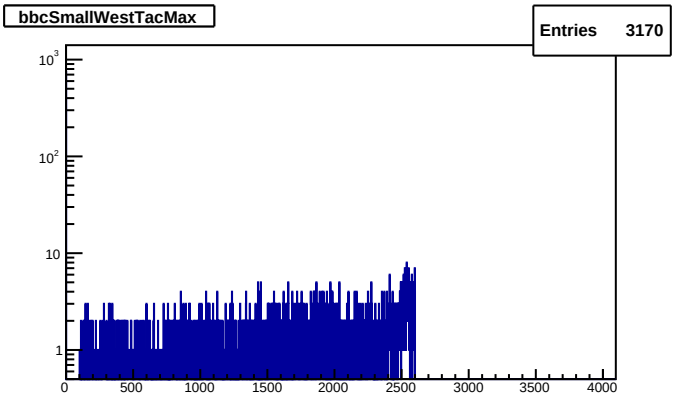

bbcSmallEastAdcSumVsSimu
Entries 2497
Data
Simu

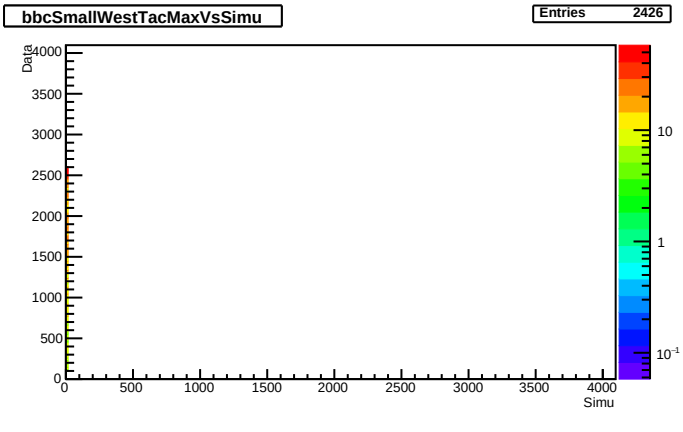

bbcSmallEastTacMax
Entries 3170

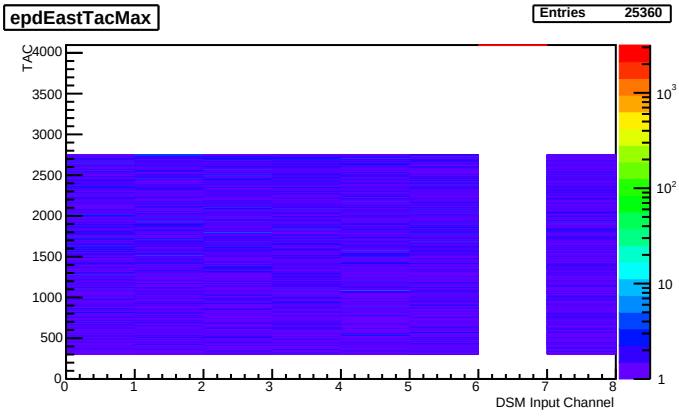

bbcSmallEastTacMaxVsSimu
Entries 2497
Data
Simu

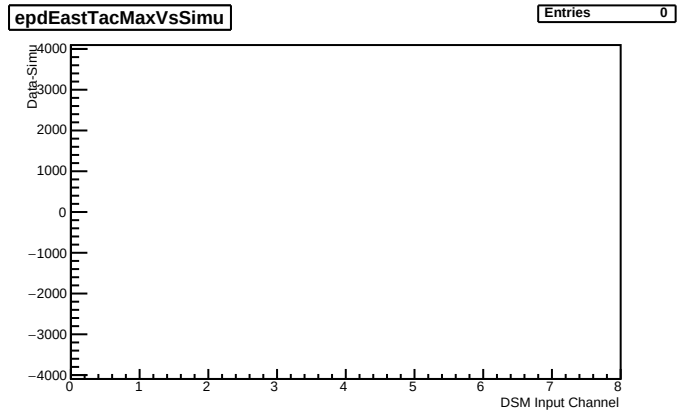

bbcSmallWestAdcSum
Entries 3170

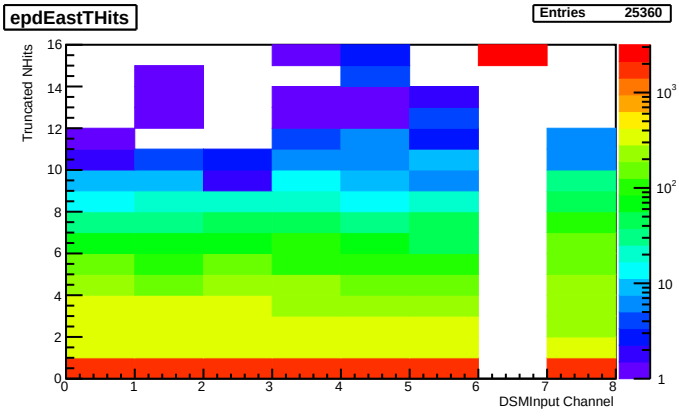

bbcSmallWestAdcSumVsSimu
Entries 2426
Data
Simu

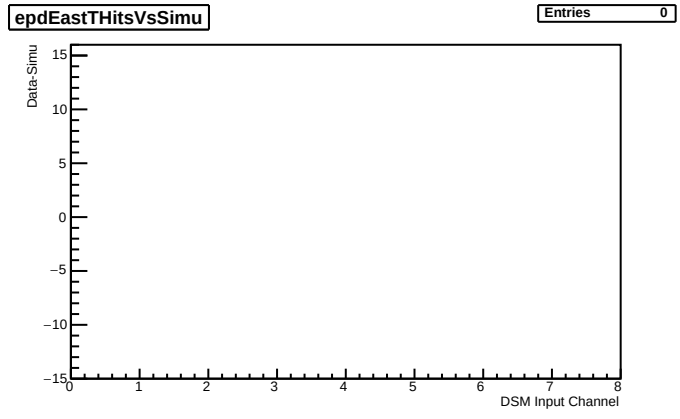

bbcSmallWestTacMax
Entries 3170

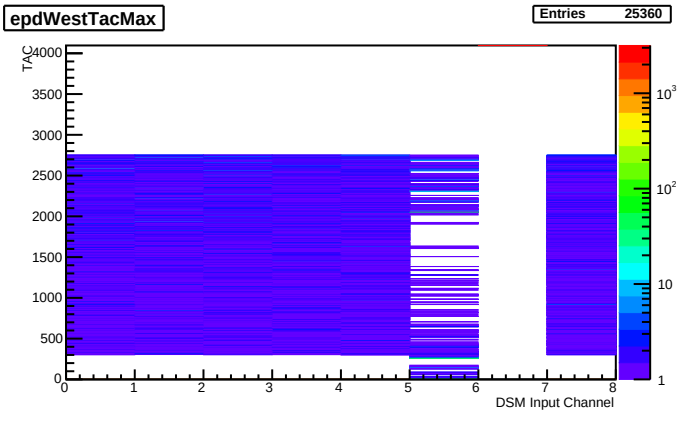

bbcSmallWestTacMaxVsSimu
Entries 2426
Data
Simu

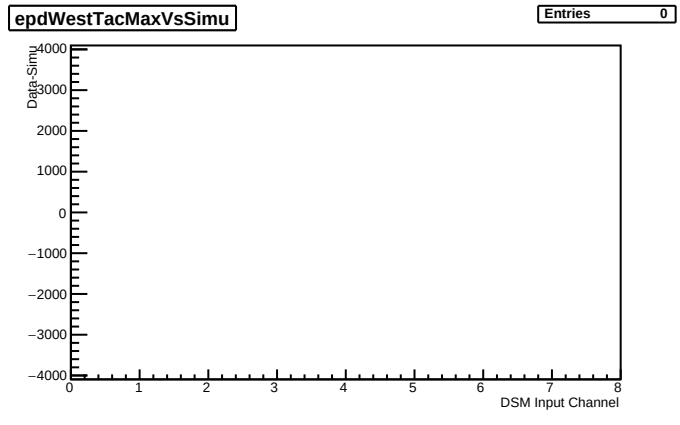

epdEastTacMax
Entries 25360
TAC
DSM Input Channel

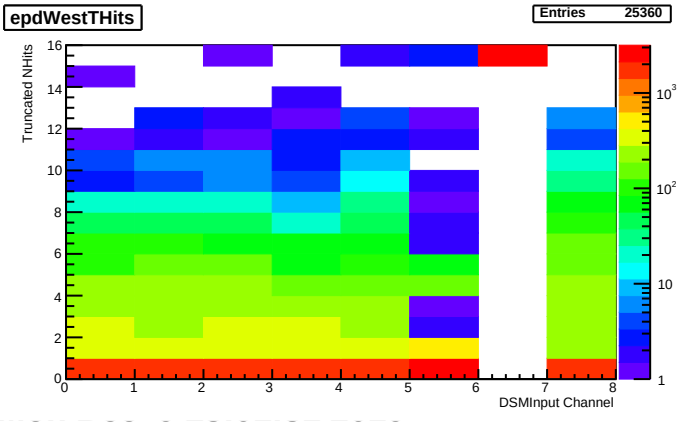

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

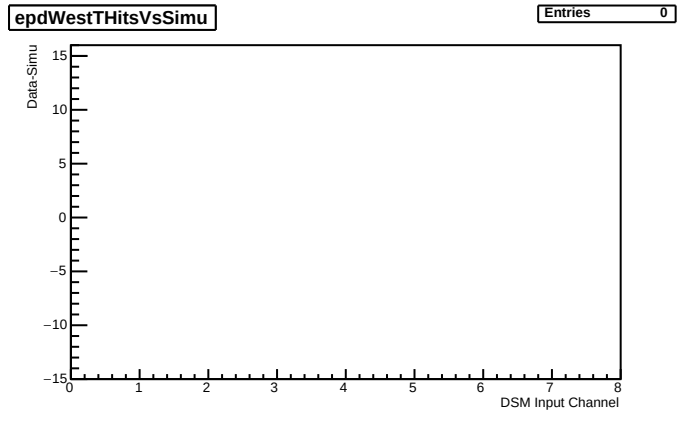

epdEastTHits
Entries 25360
Truncated NHits
DSMInput Channel

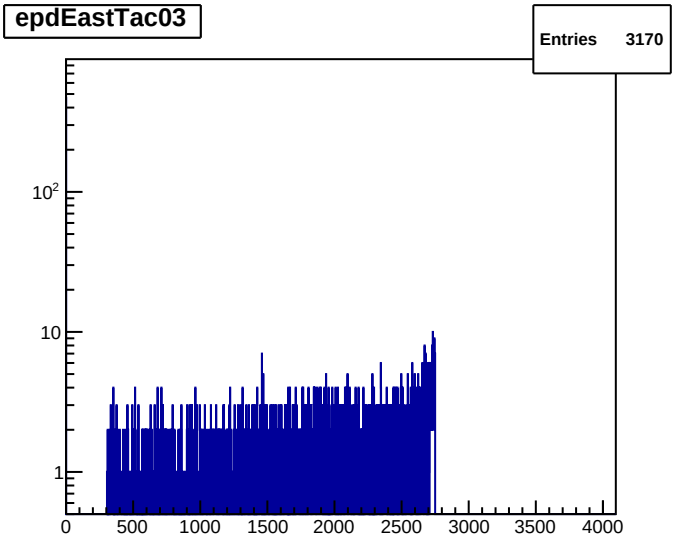

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

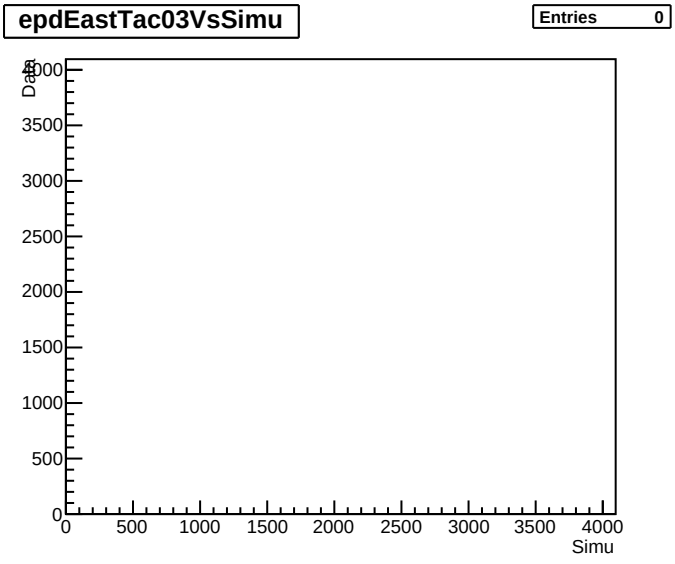

epdWestTacMax
Entries 25360
TAC
DSM Input Channel

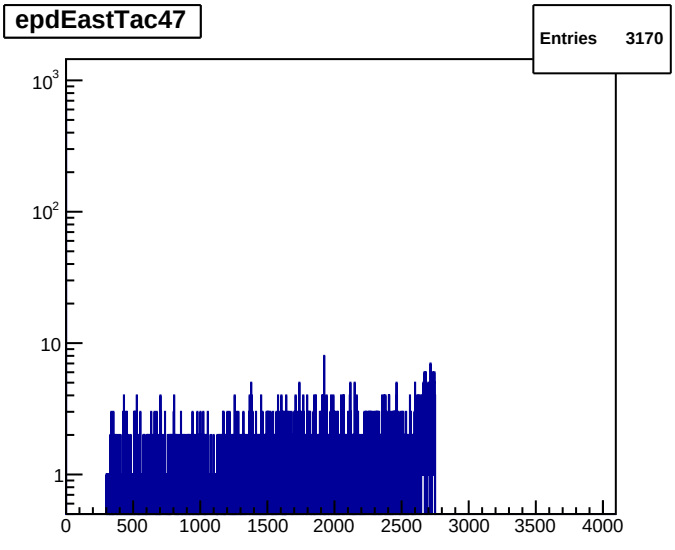

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

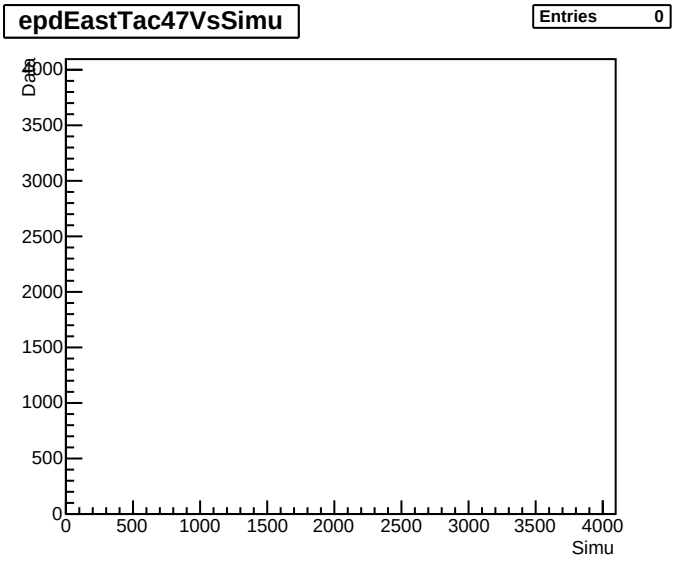

epdWestTHits
Entries 25360
Truncated NHits
DSMInput Channel

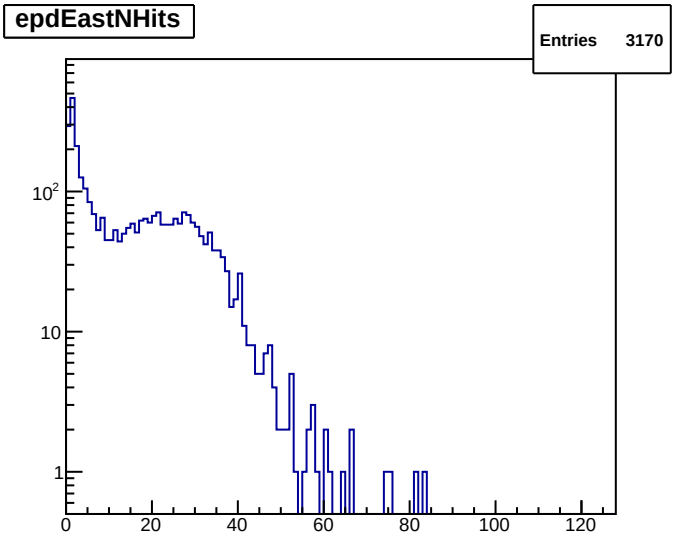

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

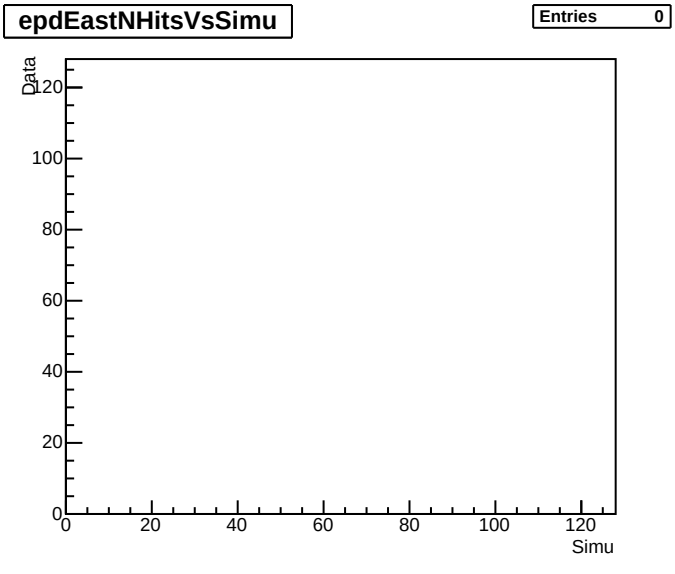

epdEastTac03
Entries 3170

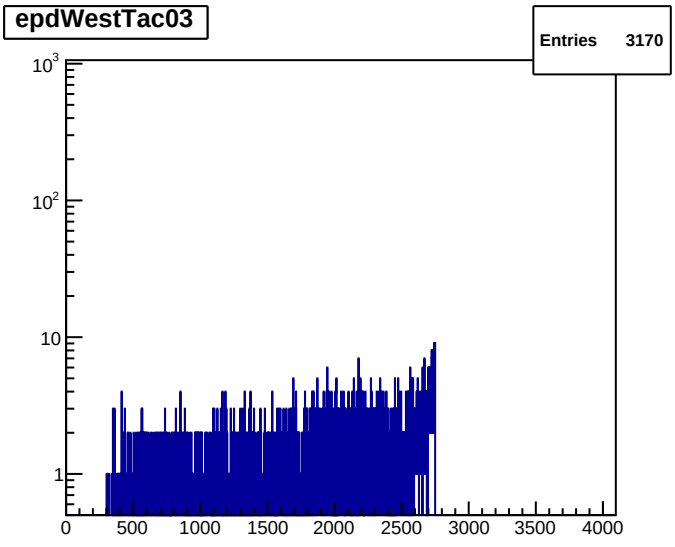

epdEastTac03VsSimu
Entries 0
Data
Simu

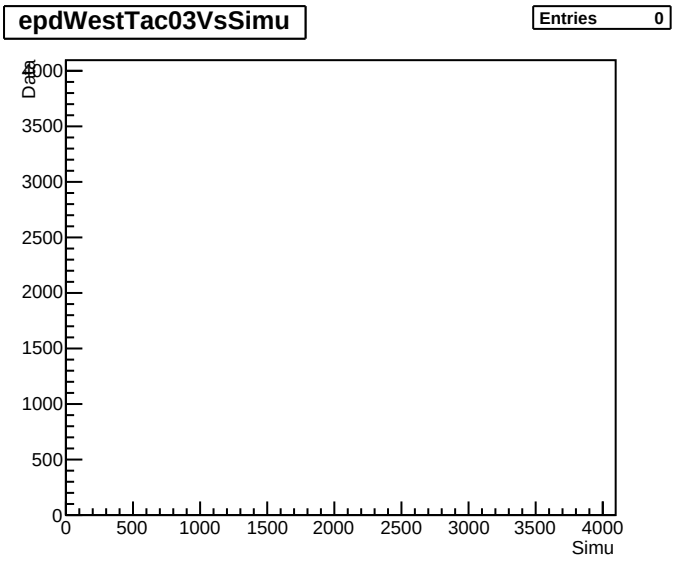

epdEastTac47
Entries 3170

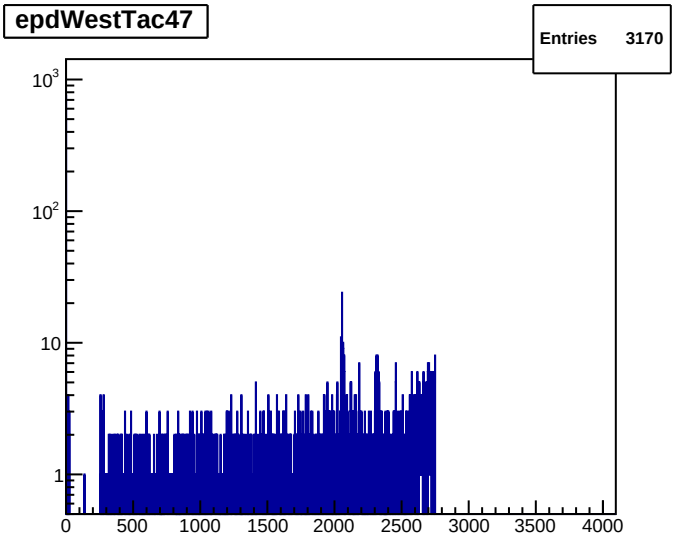

epdEastTac47VsSimu
Entries 0
Data
Simu

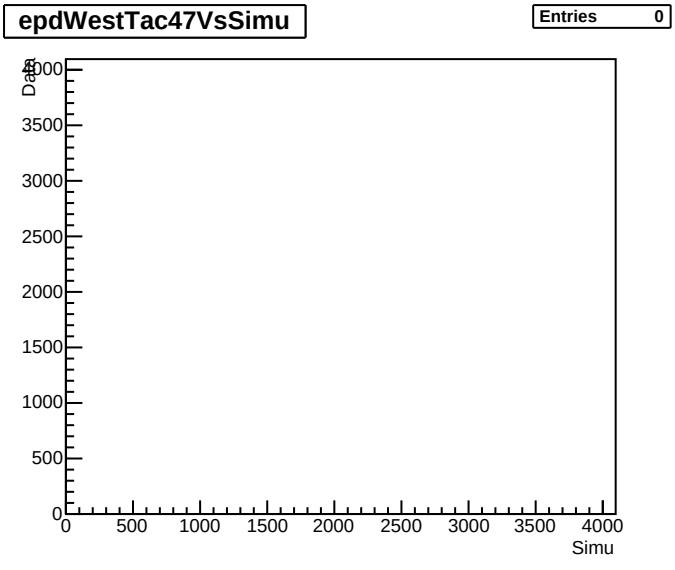

epdEastNHits
Entries 3170

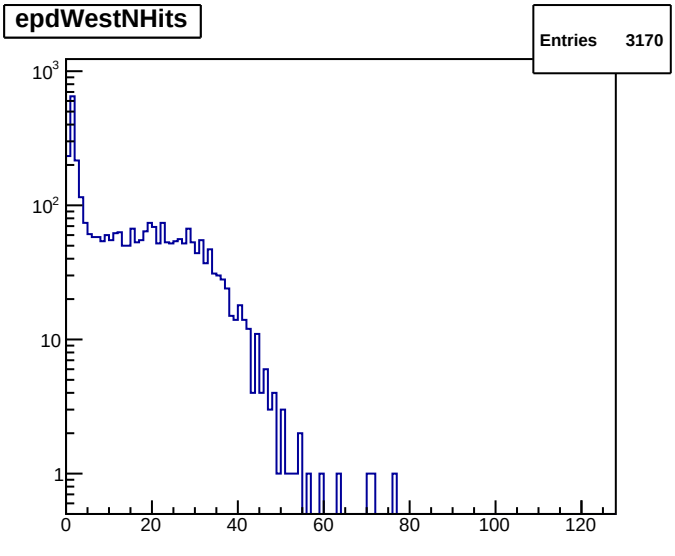

epdEastNHitsVsSimu
Entries 0
Data
Simu

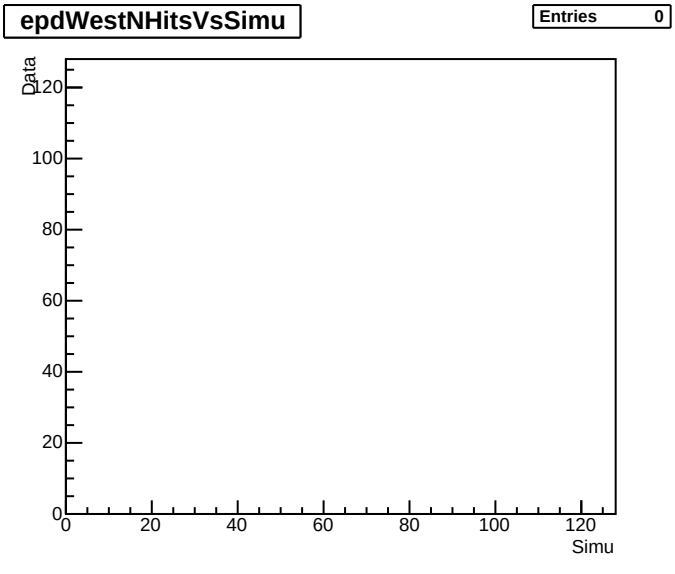

epdWestTac03
Entries 3170

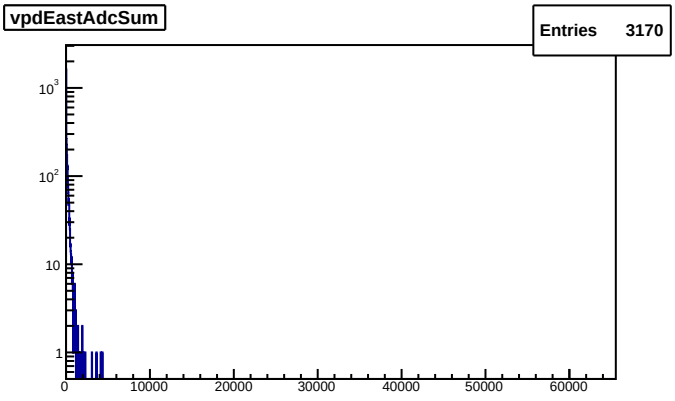

epdWestTac03VsSimu
Entries 0
Data
Simu

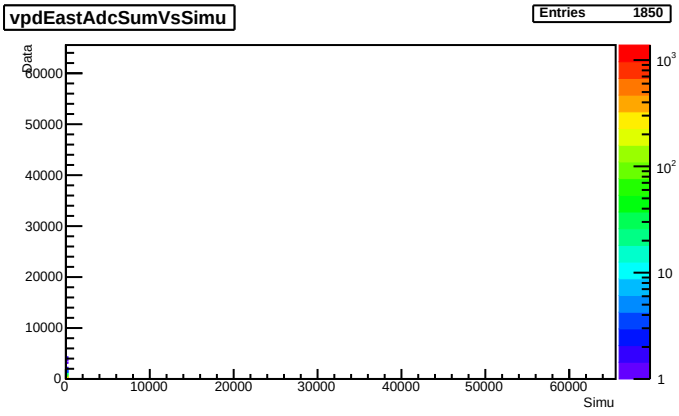

epdWestTac47
Entries 3170

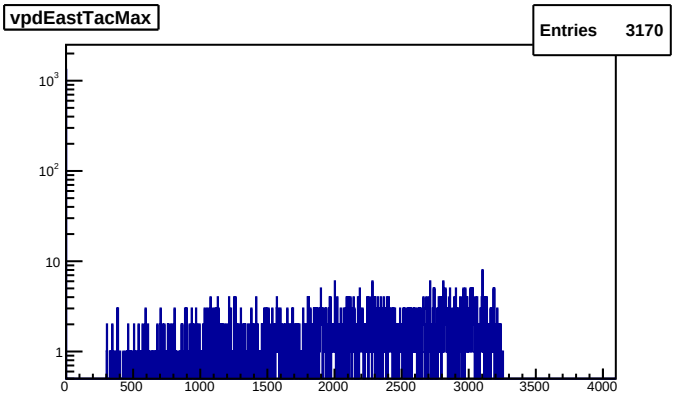

epdWestTac47VsSimu
Entries 0
Data
Simu

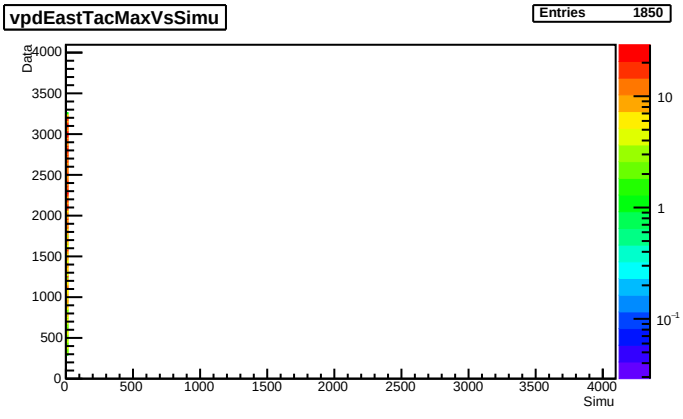

epdWestNHits
Entries 3170

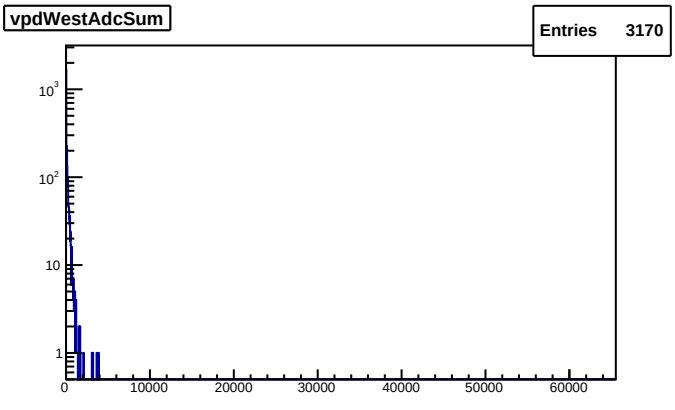

epdWestNHitsVsSimu
Entries 0
Data
Simu

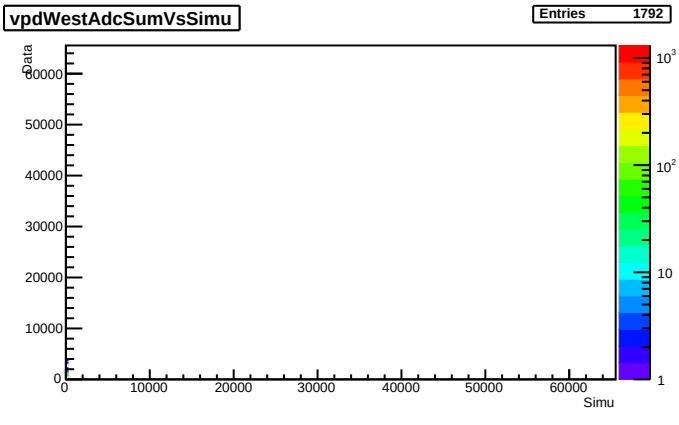

vpdEastAdcSum
Entries 3170

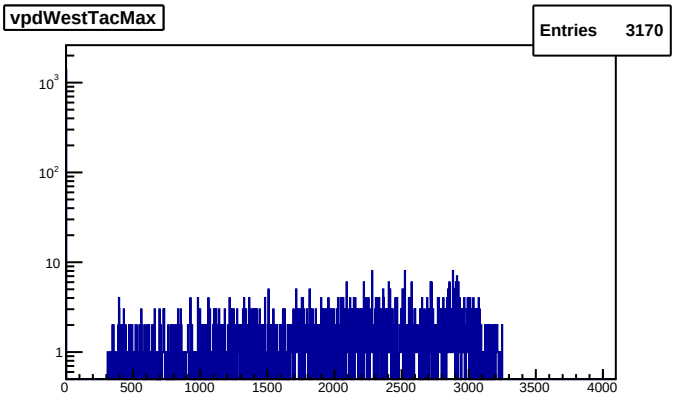

vpdEastAdcSumVsSimu
Entries 1850
Data
Simu

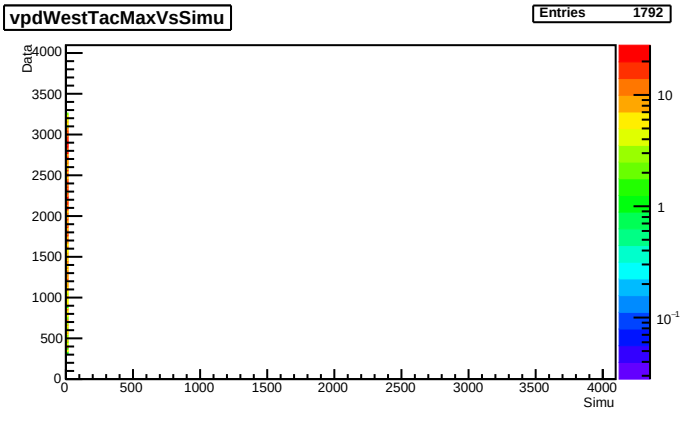

vpdEastTacMax
Entries 3170

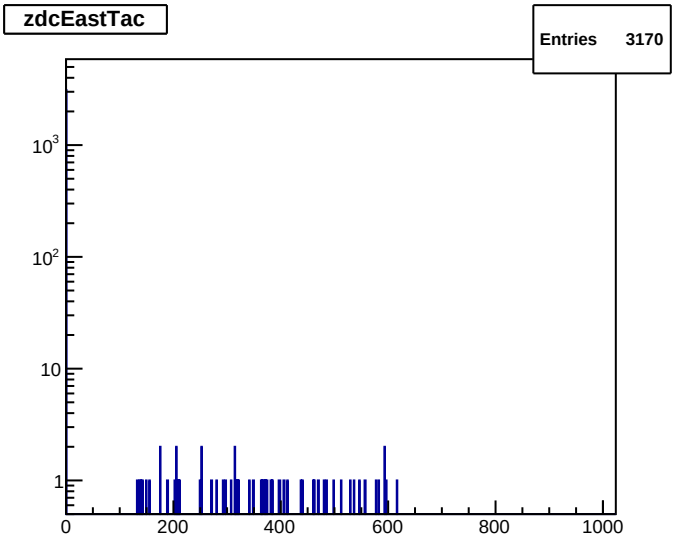

vpdEastTacMaxVsSimu
Entries 1850
Data
Simu

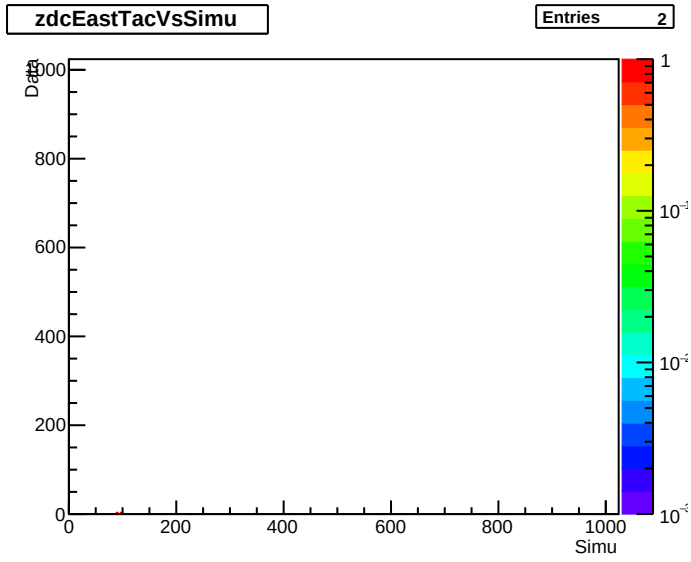

vpdWestAdcSum
Entries 3170

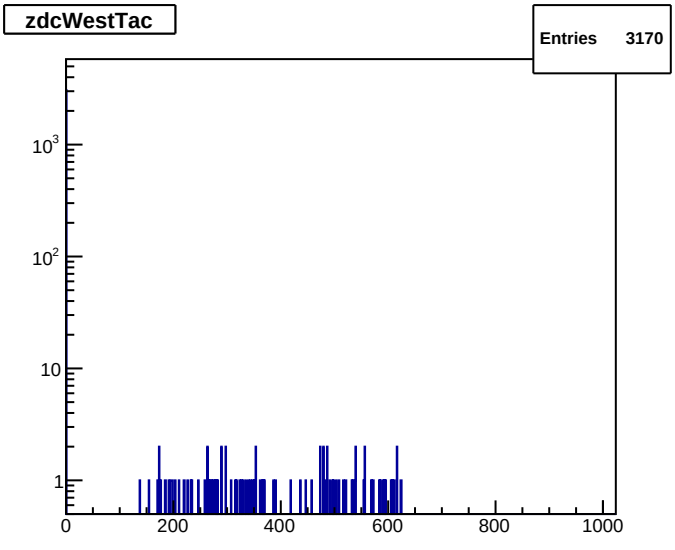

vpdWestAdcSumVsSimu
Entries 1792
Data
Simu

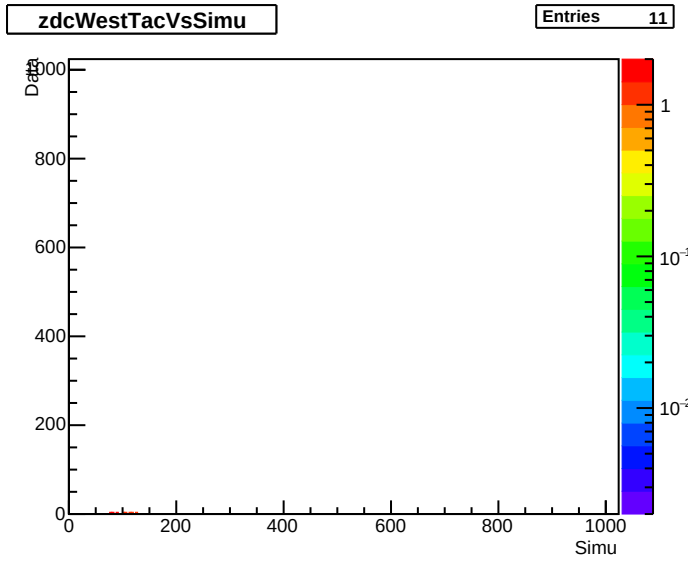

vpdWestTacMax
Entries 3170

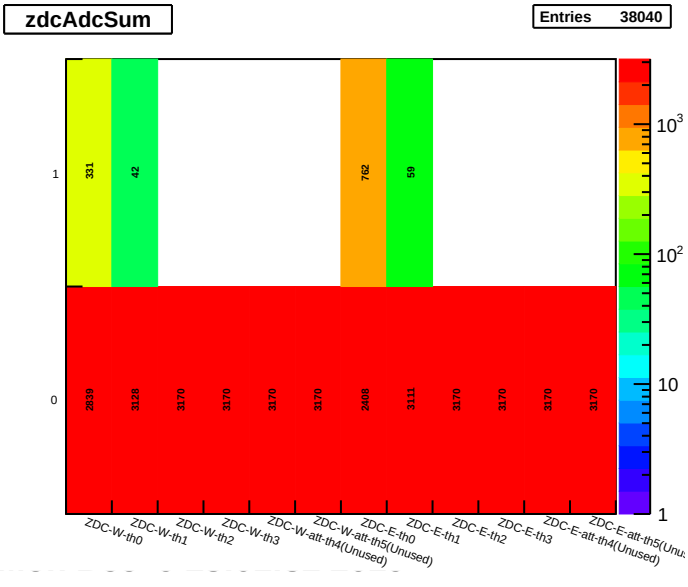

vpdWestTacMaxVsSimu
Entries 1792
Data
Simu

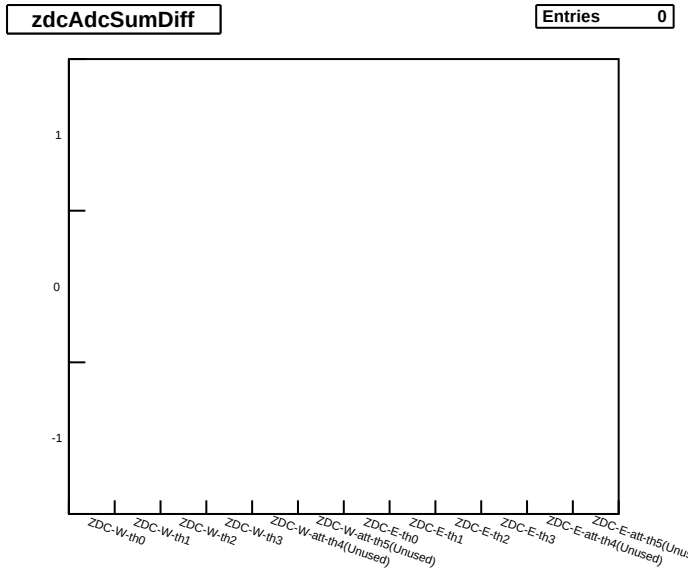

zdcEastTac
Entries 3170

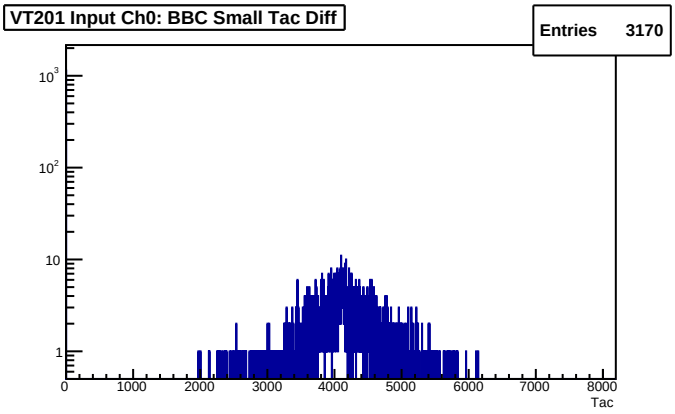

zdcEastTacVsSimu
Entries 2
Data
Simu

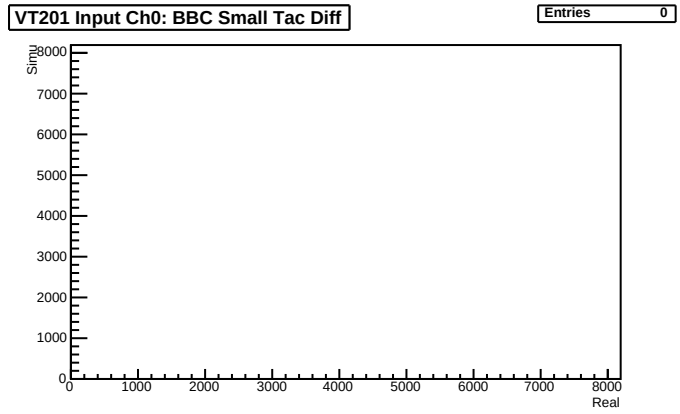

zdcWestTac
Entries 3170

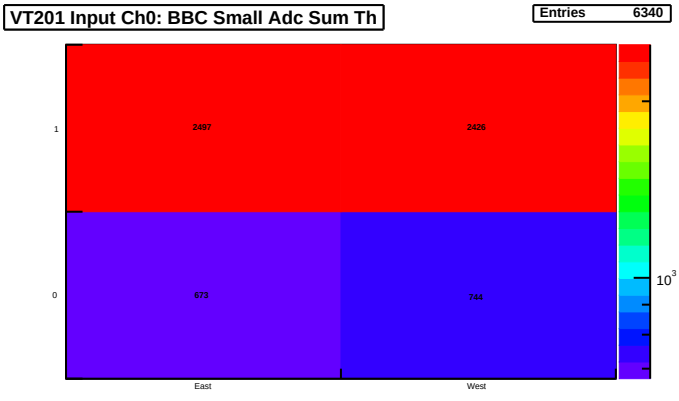

zdcWestTacVsSimu
Entries 11
Data
Simu

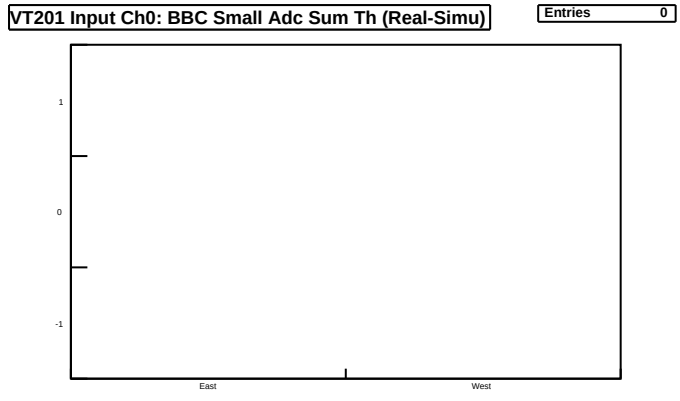

zdcAdcSum
Entries 38040
331
42
762
59
2839
3128
3170
3170
3170
3170
2408
3111
3170
3170
3170
3170
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

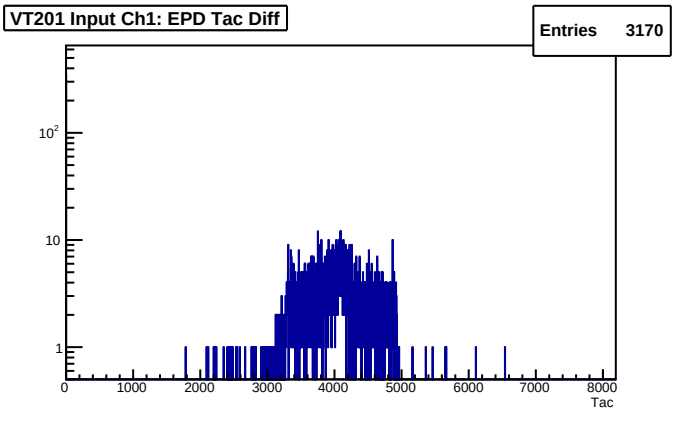

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

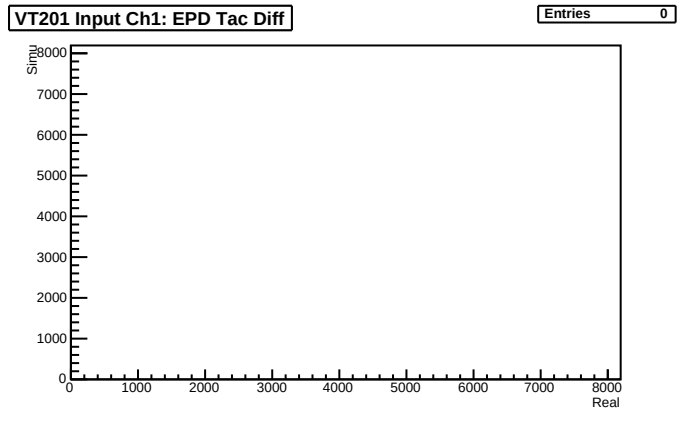

VT201 Input Ch0: BBC Small Tac Diff
Entries 3170
Tac

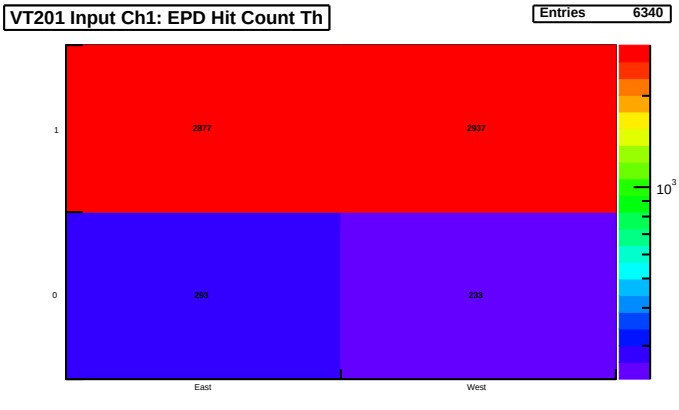

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

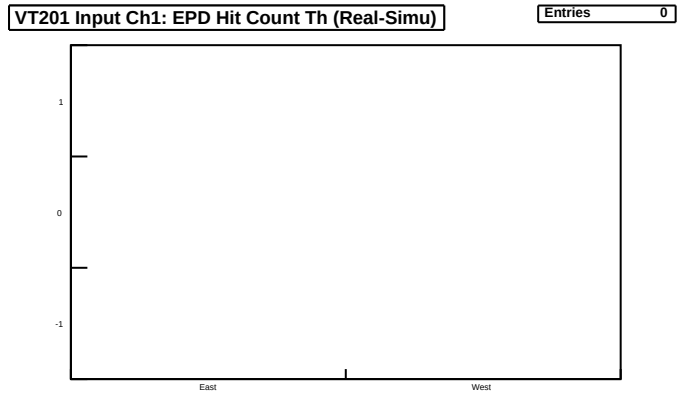

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6340
2497
2426
673
744
East
West

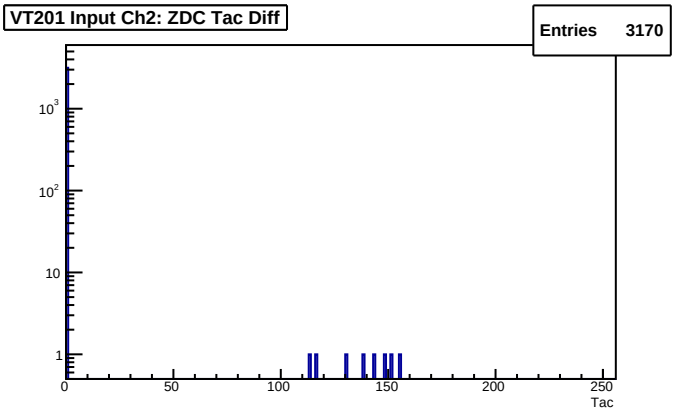

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

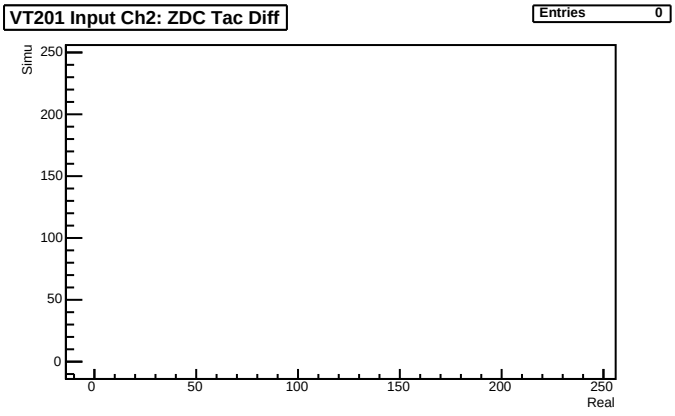

VT201 Input Ch1: EPD Tac Diff
Entries 3170
Tac

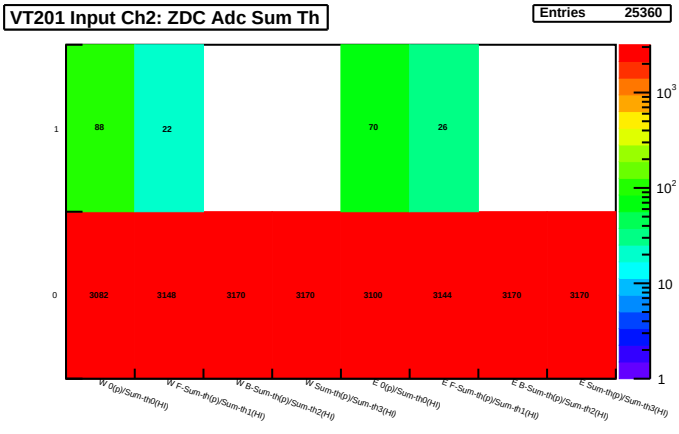

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

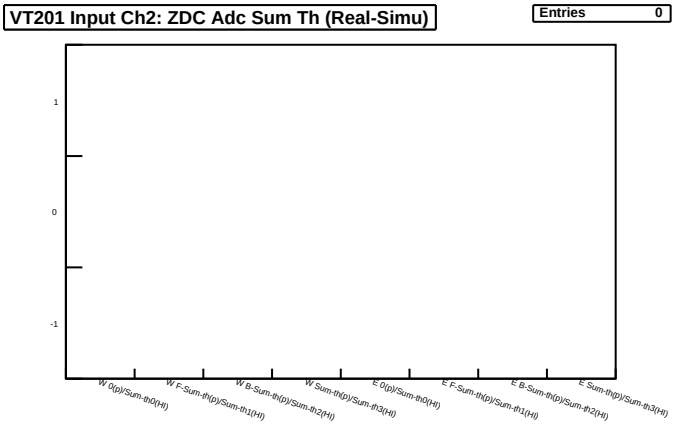

VT201 Input Ch1: EPD Hit Count Th
Entries 6340
2877
2937
293
233
East
West

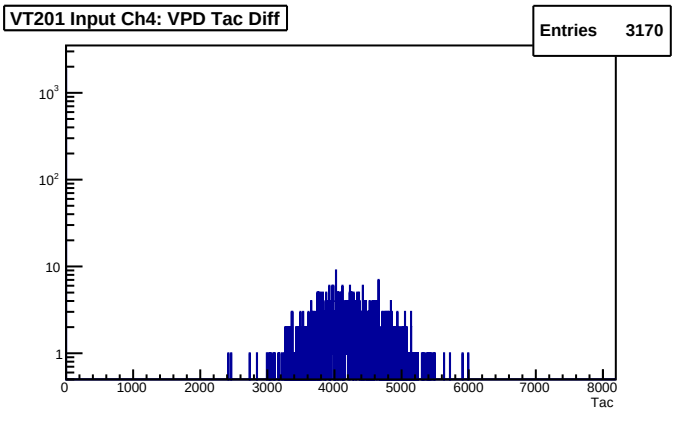

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

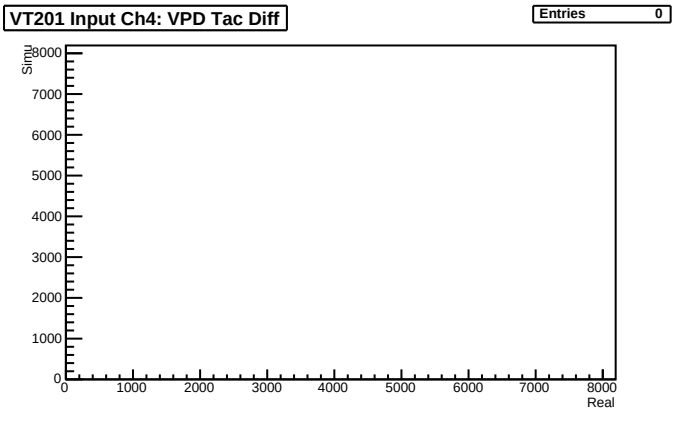

VT201 Input Ch2: ZDC Tac Diff
Entries 3170
Tac

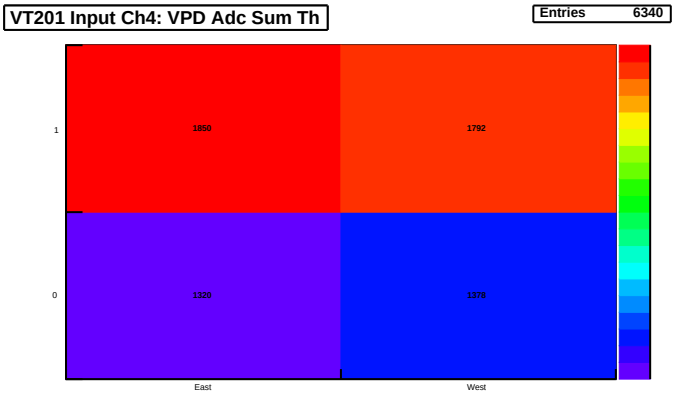

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

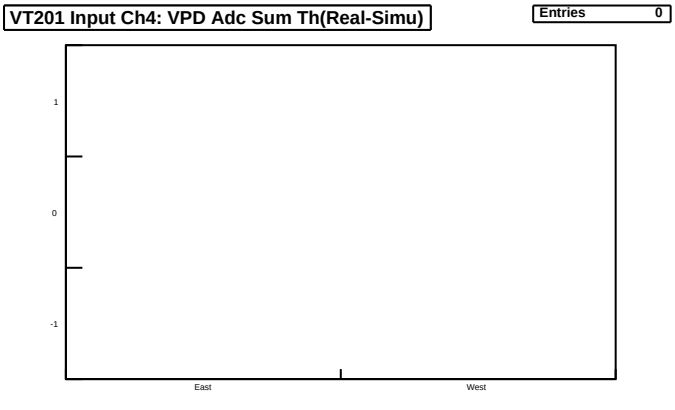

VT201 Input Ch2: ZDC Adc Sum Th
Entries 25360
88
22
70
26
3082
3148
3170
3170
3100
3144
3170
3170
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

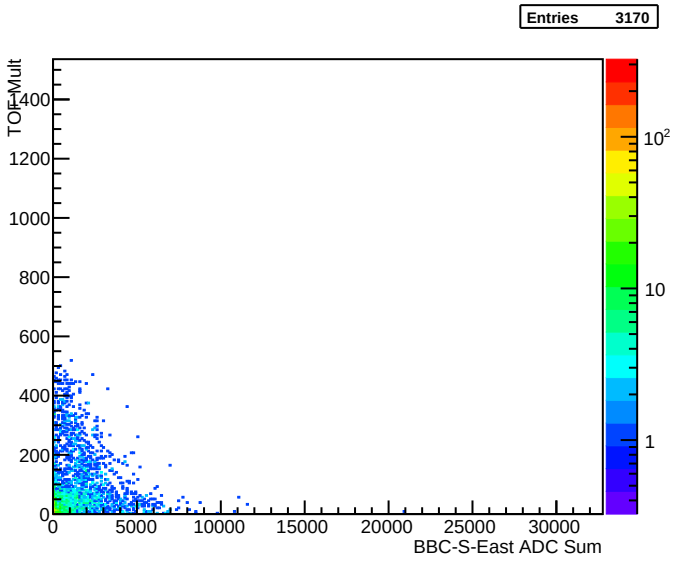

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

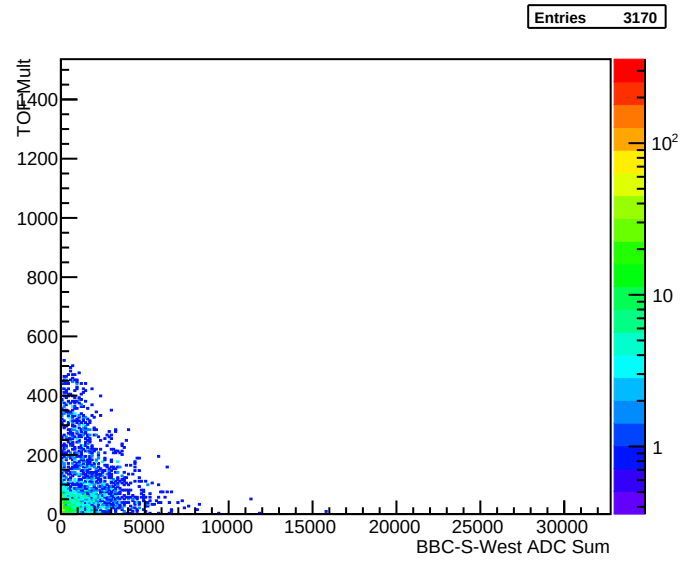

VT201 Input Ch4: VPD Tac Diff
Entries 3170
Tac

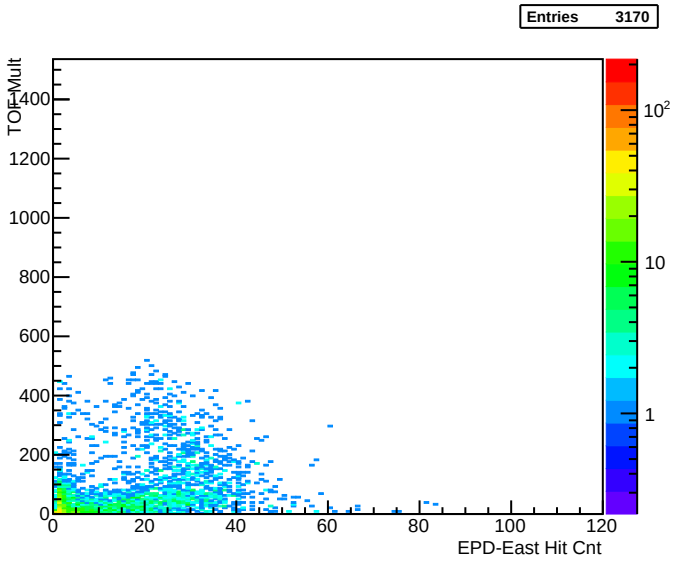

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

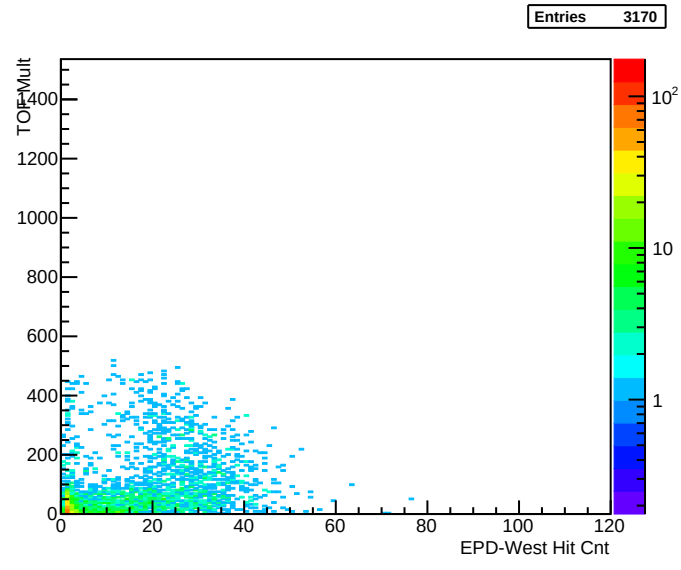

VT201 Input Ch4: VPD Adc Sum Th
Entries 6340
1850
1792
1320
1378
East
West

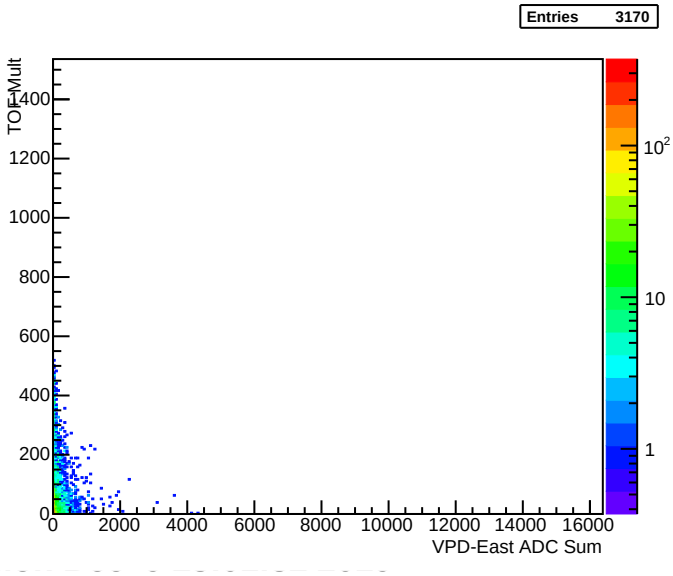

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

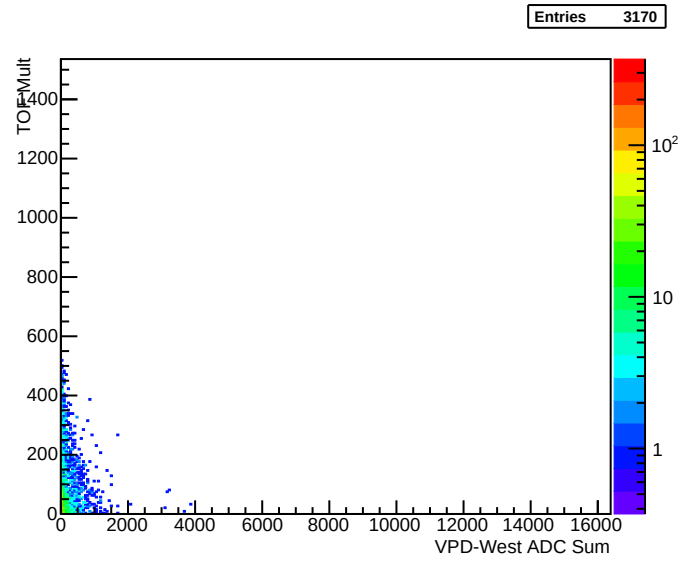

Entries 3170
TOF-Mult
BBC-S-East ADC Sum

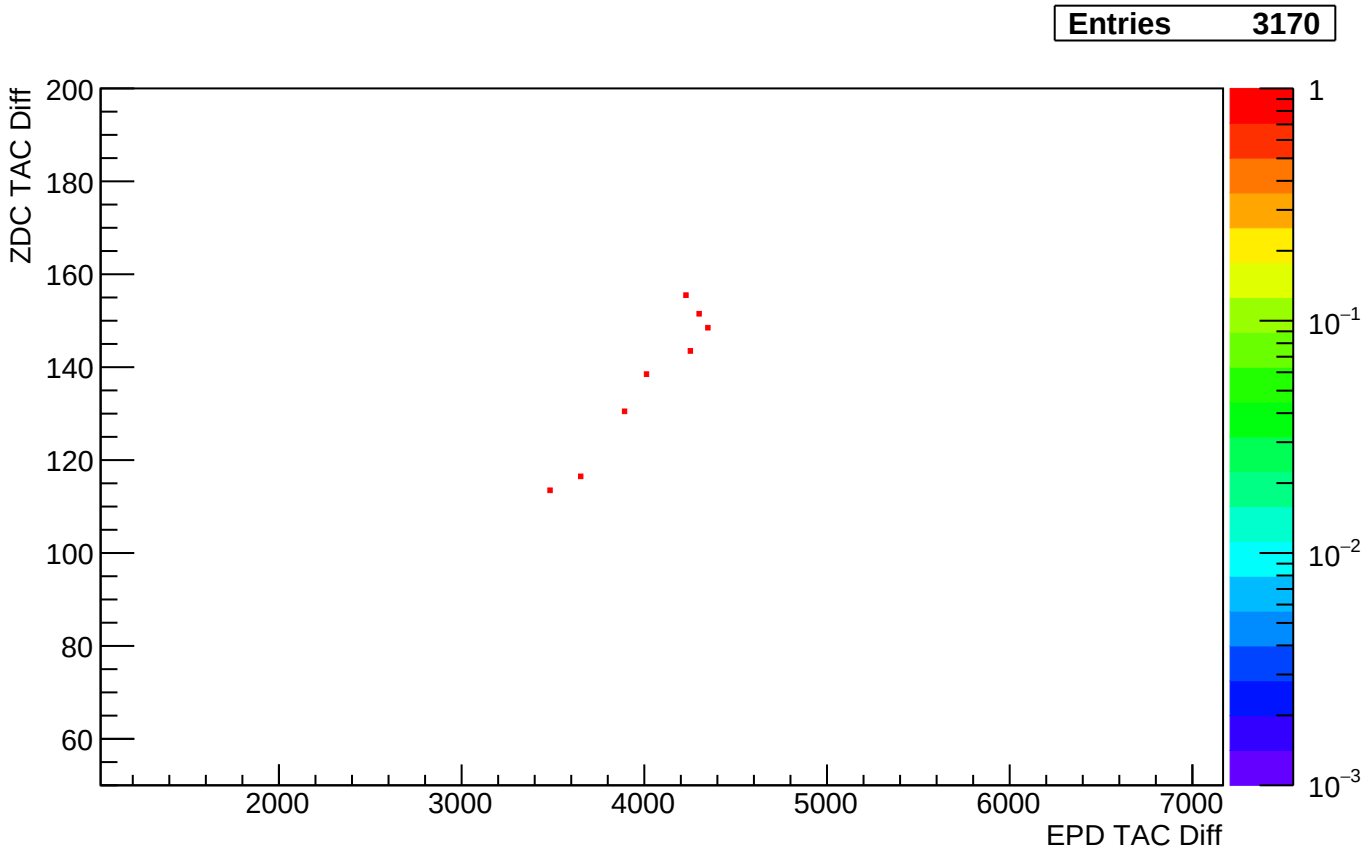

Entries 3170
TOF-Mult
BBC-S-West ADC Sum

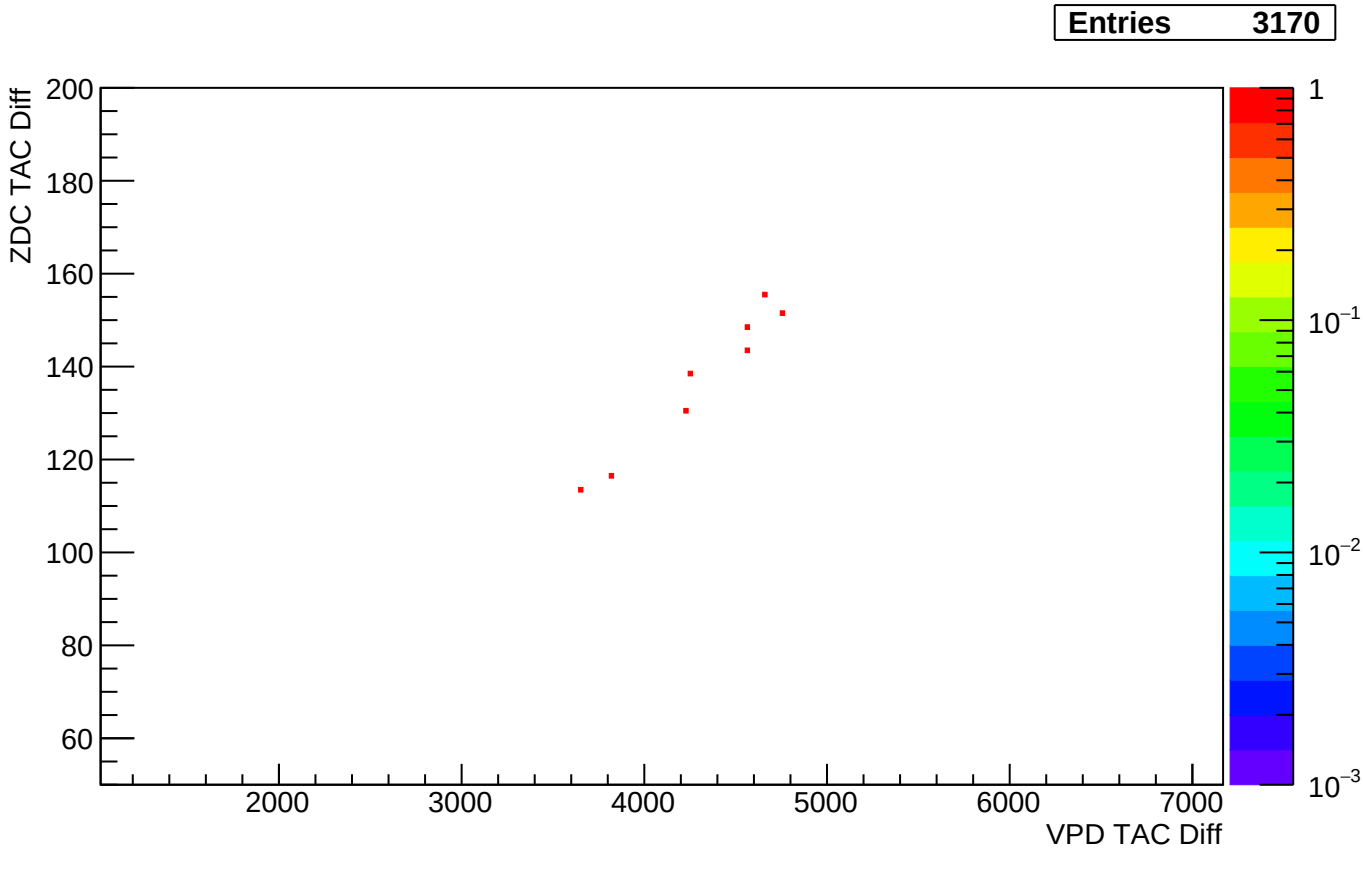

Entries 3170
TOF-Mult
EPD-East Hit Cnt

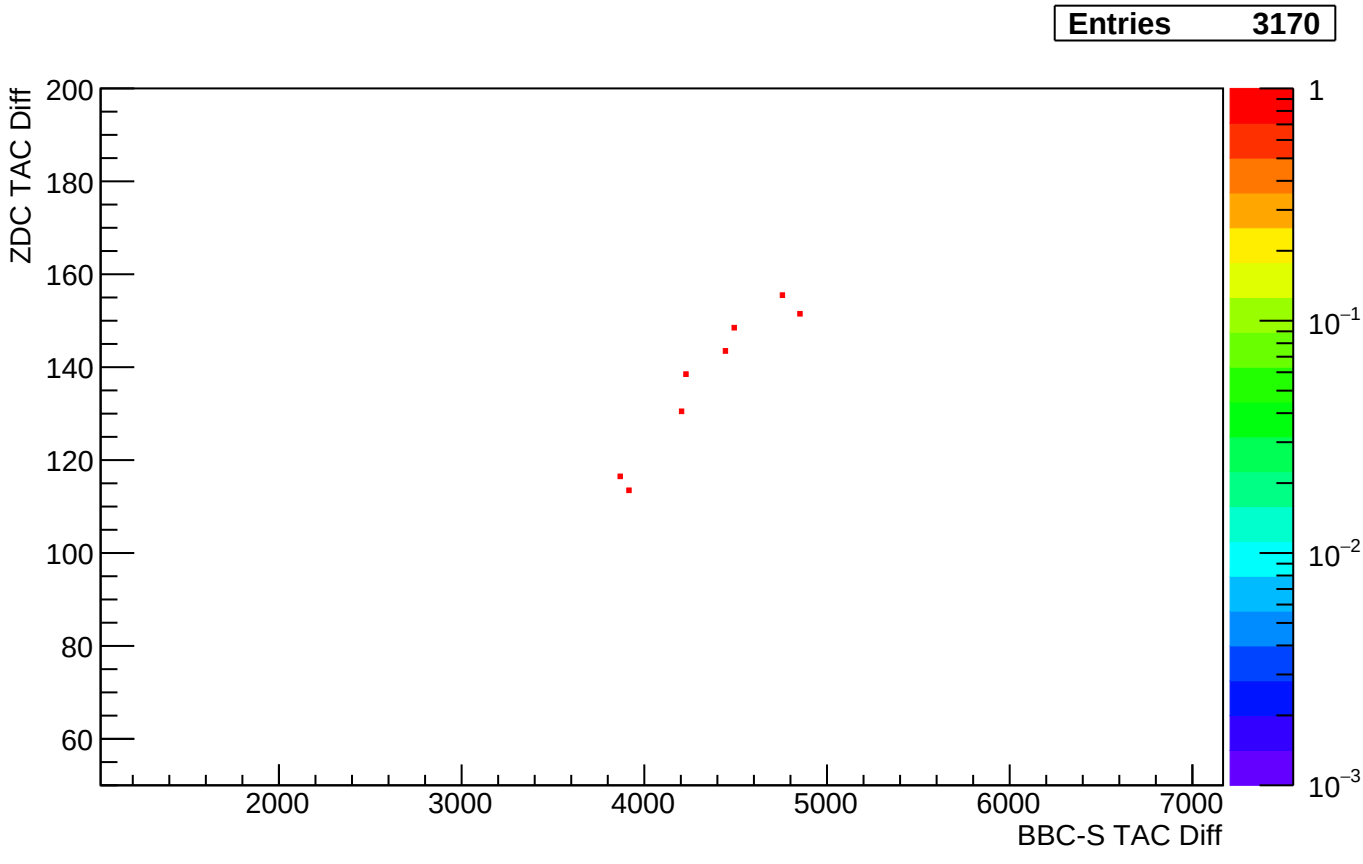

Entries 3170
TOF-Mult
EPD-West Hit Cnt

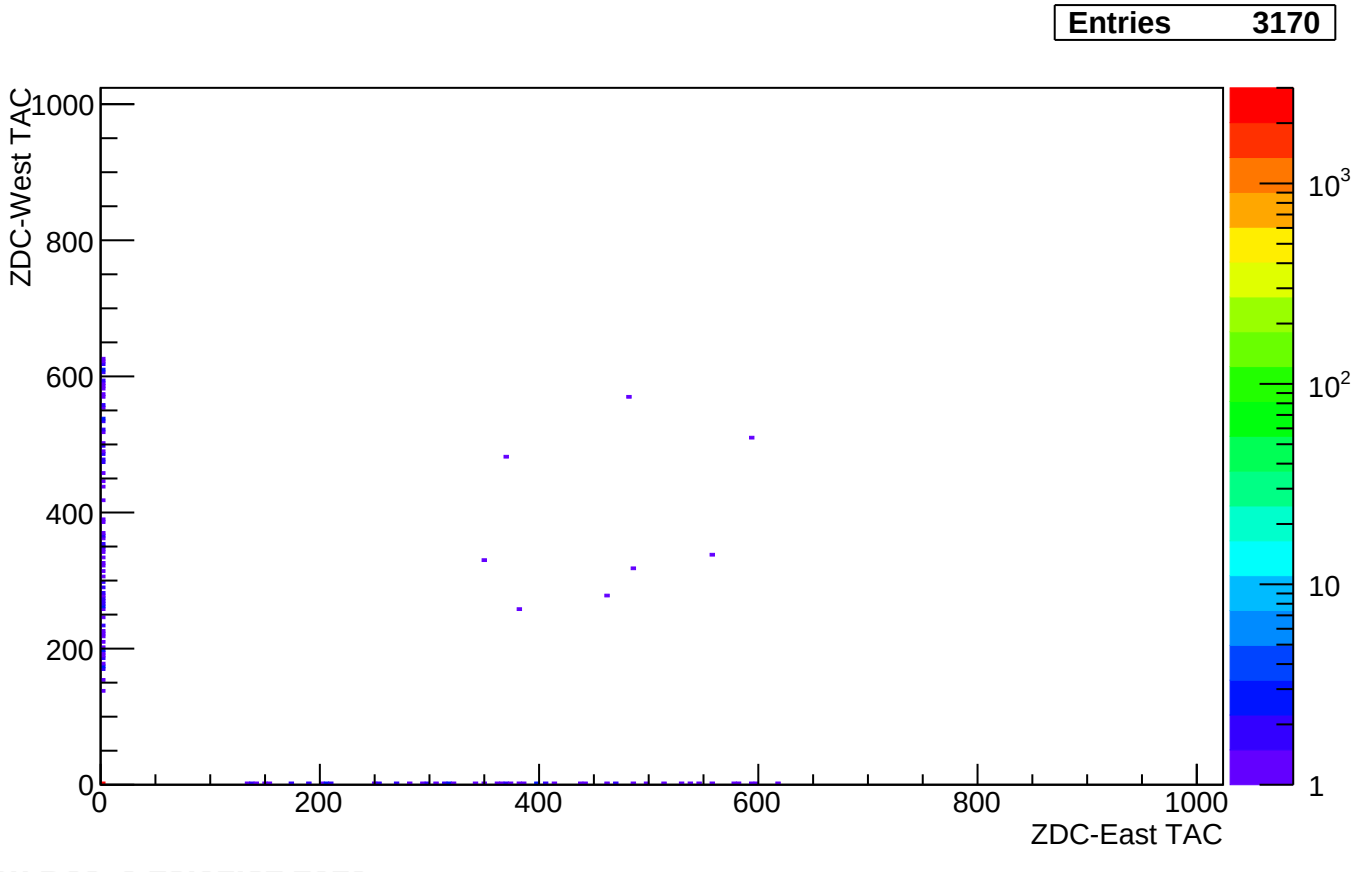

Entries 3170
TOF-Mult
VPD-East ADC Sum

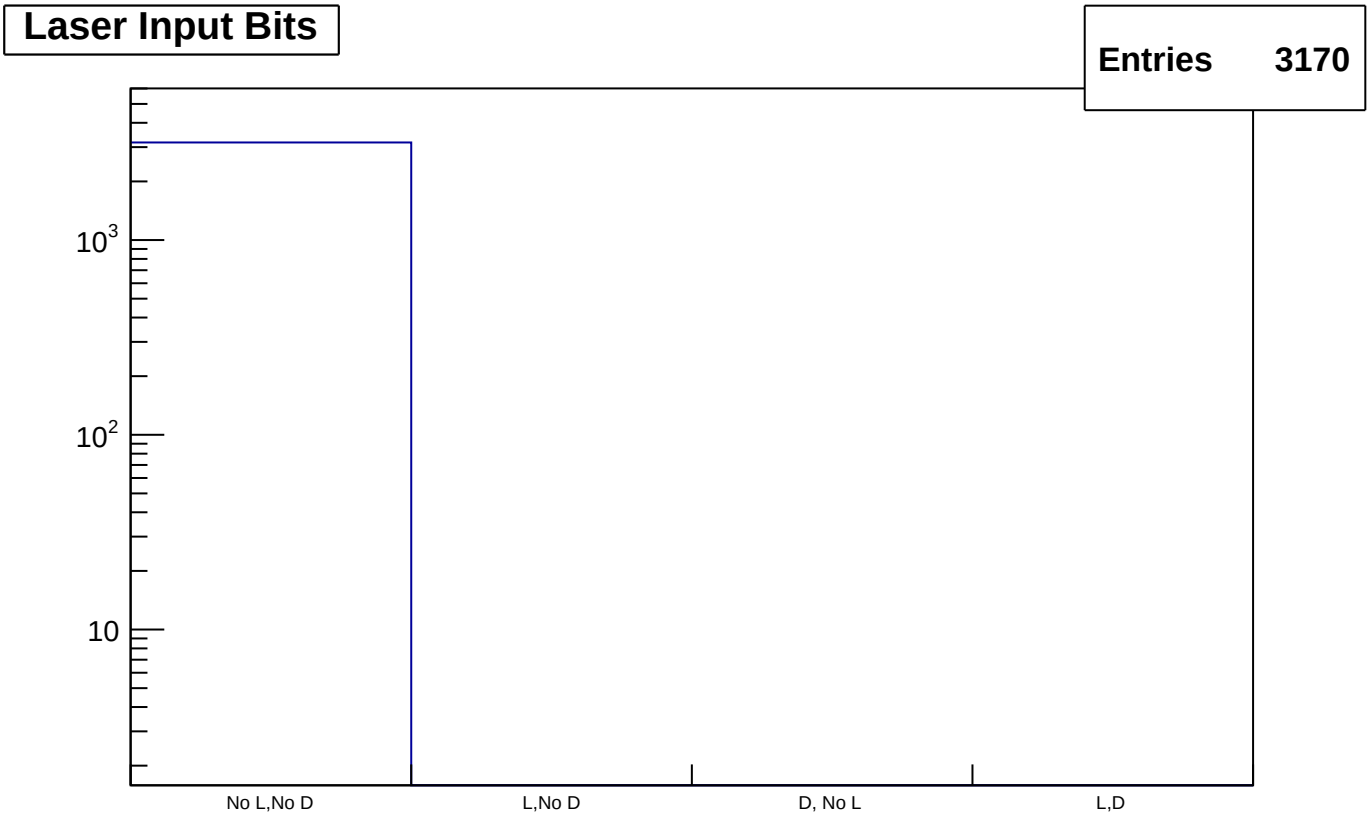

Entries 3170
TOF-Mult
VPD-West ADC Sum

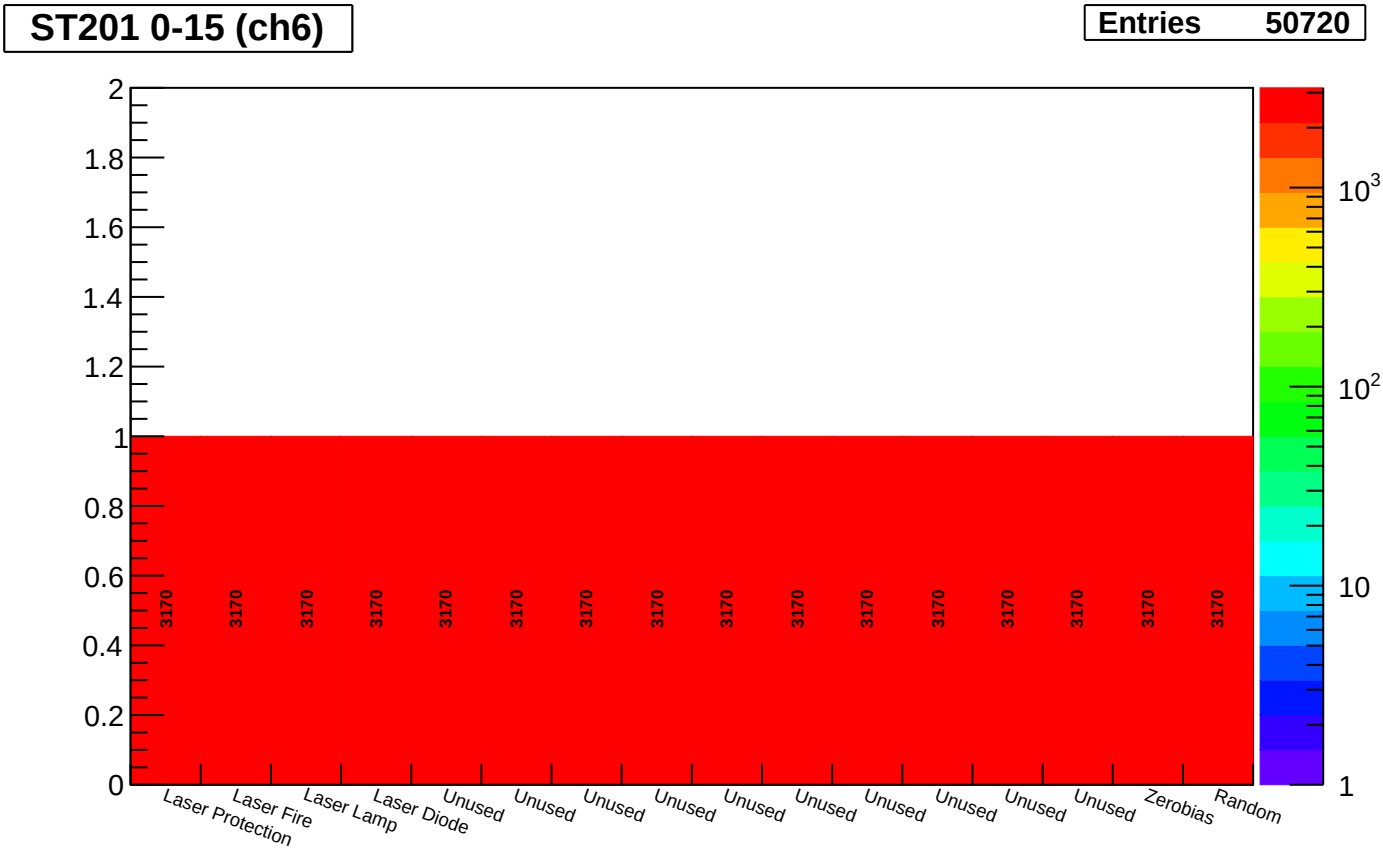

Entries 3170
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

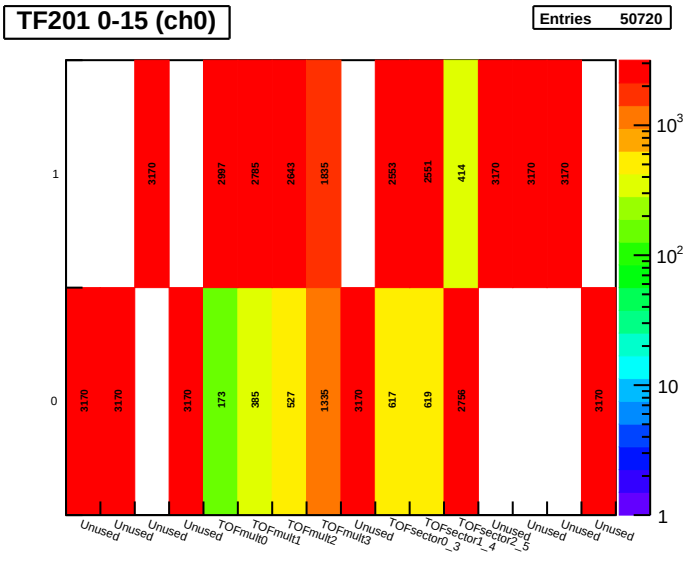

Entries 3170
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

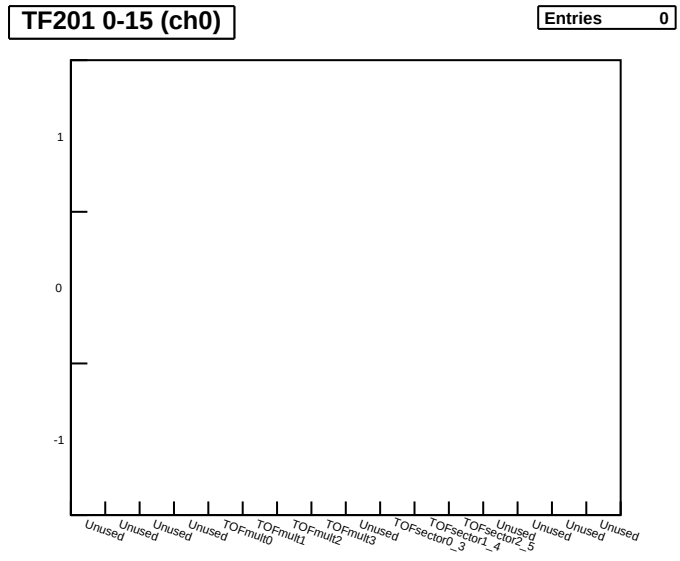

Entries 3170
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

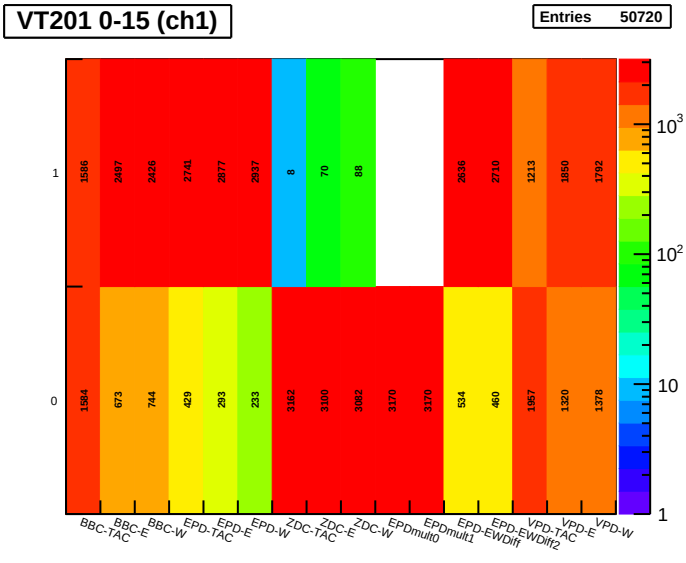

Entries 3170
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^3
10^2
10
1

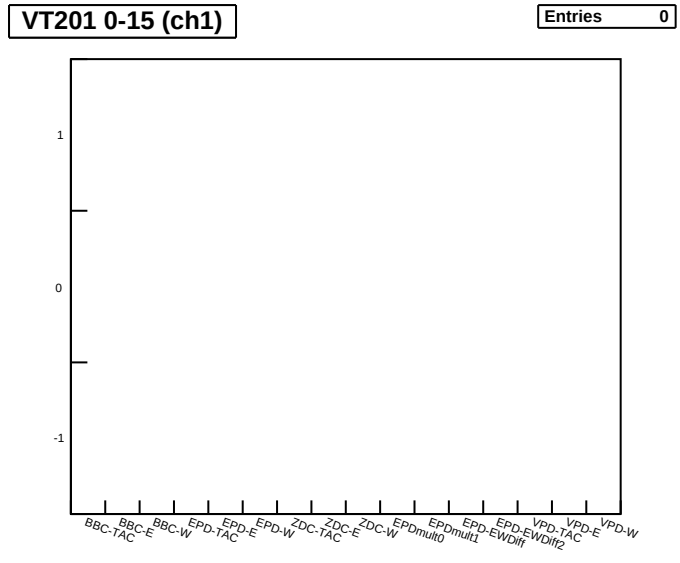

Laser Input Bits
Entries 3170
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

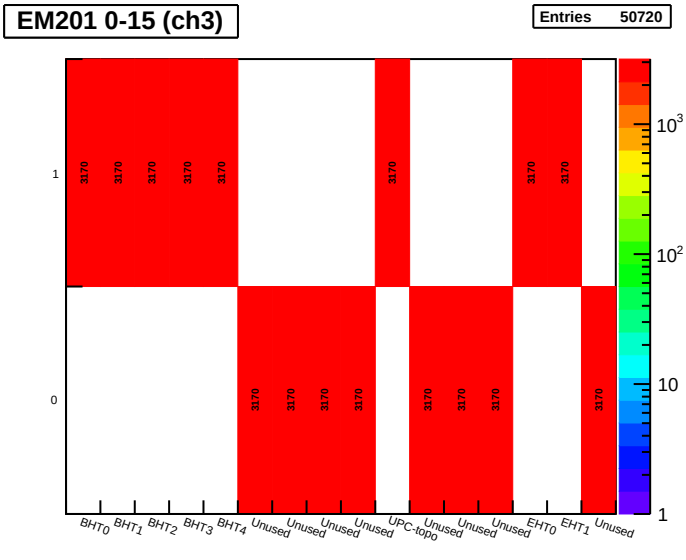

ST201 0-15 (ch6)
Entries 50720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3170
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1

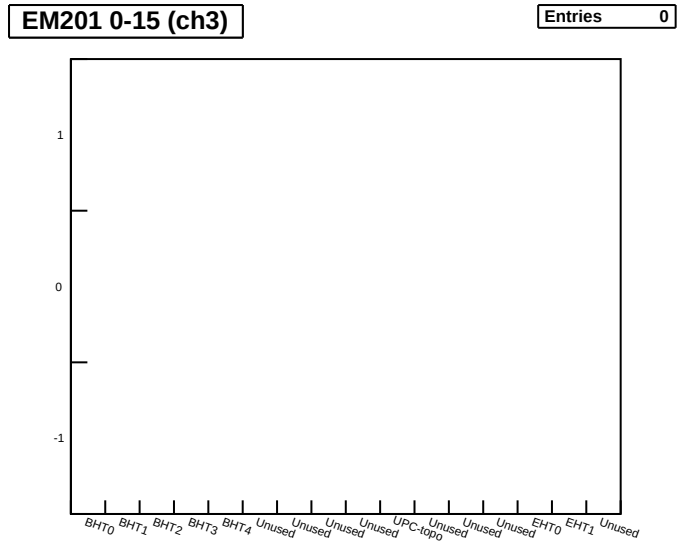

TF201 0-15 (ch0)
Entries 50720
1
0
3170 2897 2785 2643 1835 2553 2551 414 3170 3170 3170
3170 3170 3170 173 385 527 1335 3170 617 619 2756 3170
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^3
10^2
10
1


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 50720
1
0
1586 2497 2426 2741 2877 2937 8 70 88 2636 2710 1213 1850 1792
1584 673 744 429 293 233 3162 3100 3082 3170 3170 534 460 1957 1320 1378
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 50720
1
0
3170 3170 3170 3170 3170 3170 3170 3170
3170 3170 3170 3170 3170 3170 3170 3170
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