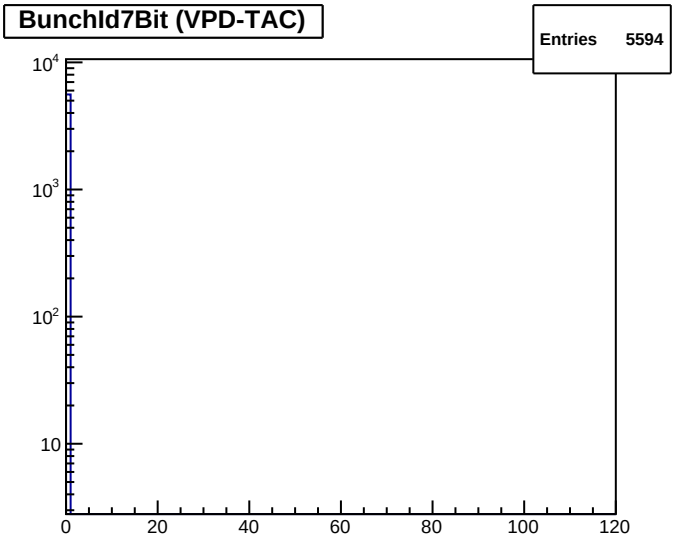
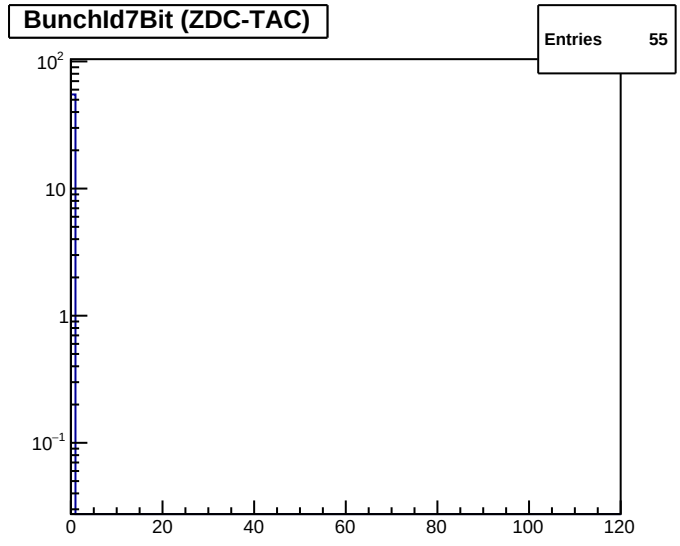
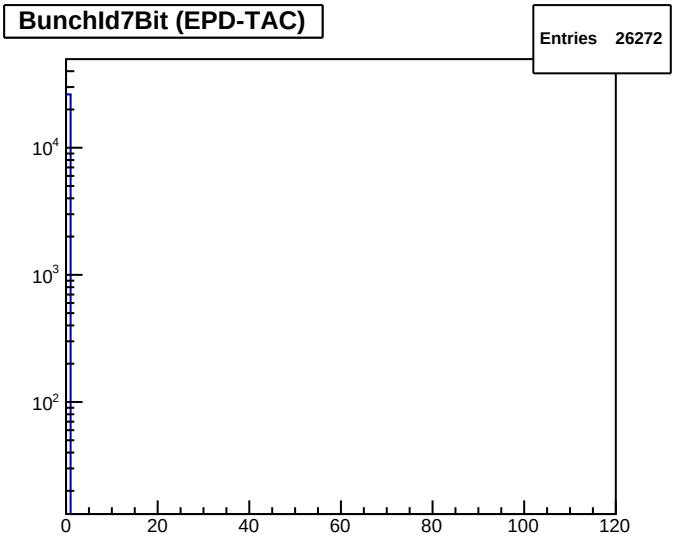
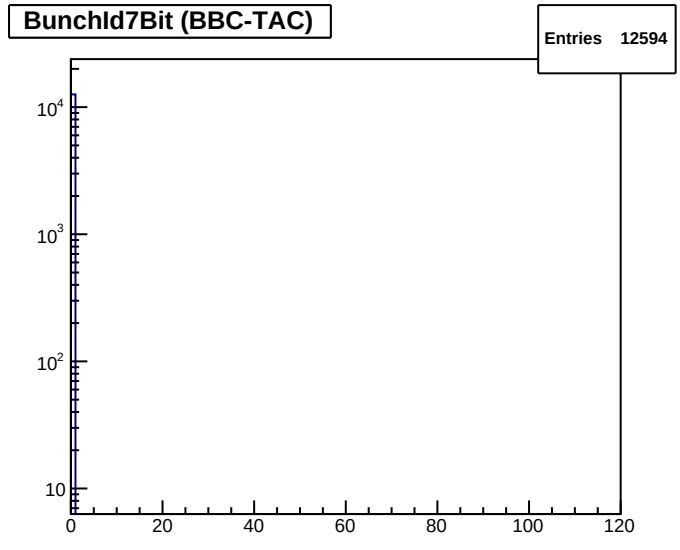
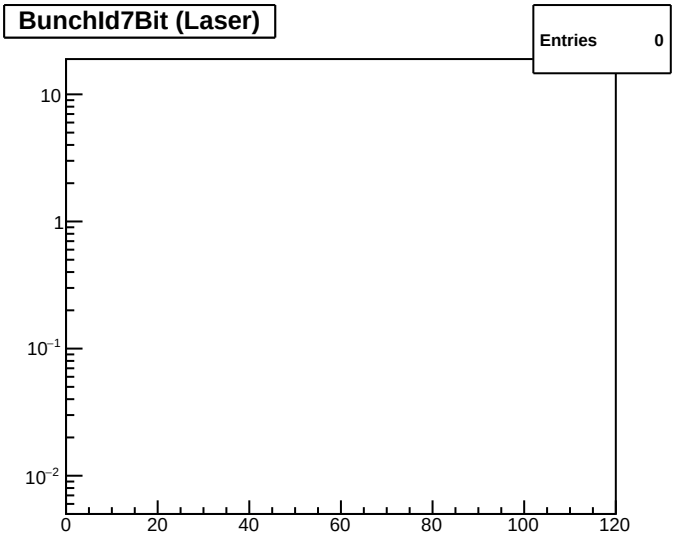
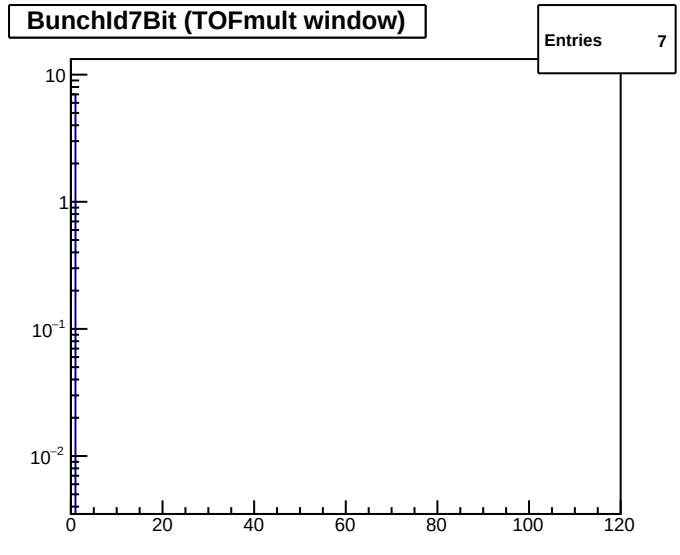

BunchId7Bit (VPD-TAC)
Entries 5594

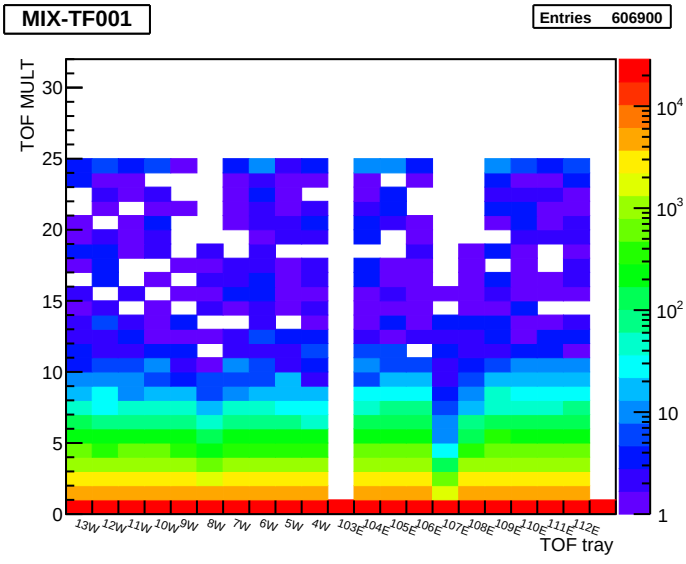

BunchId7Bit (ZDC-TAC)
Entries 55

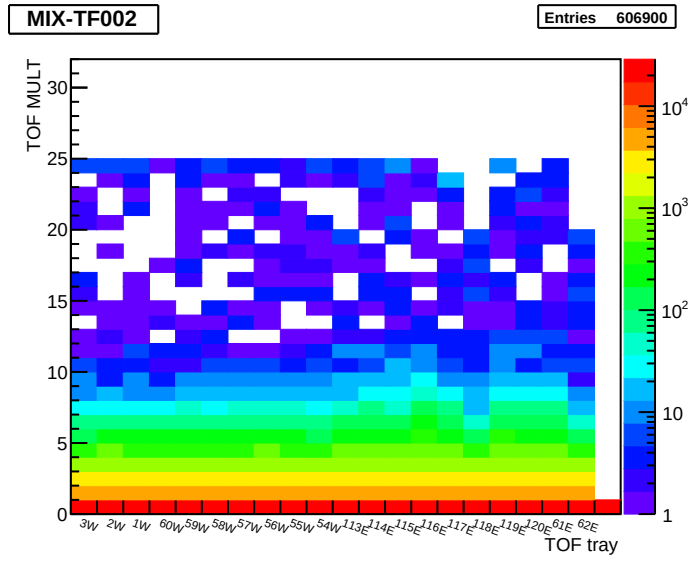

BunchId7Bit (EPD-TAC)
Entries 26272

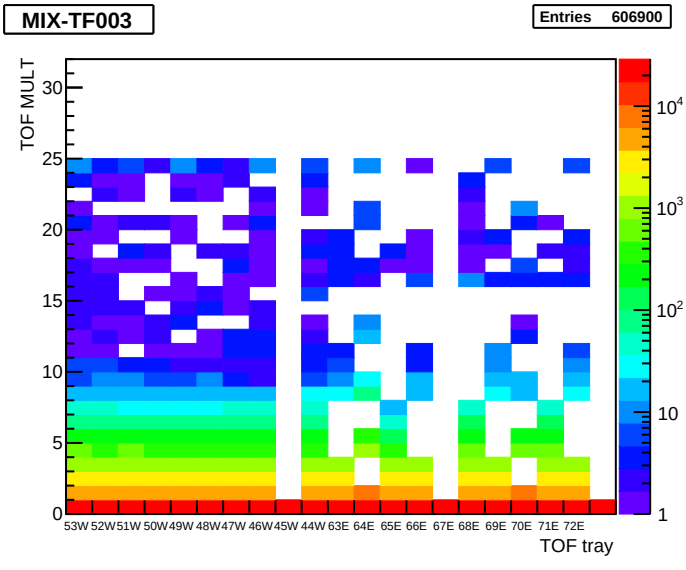

BunchId7Bit (BBC-TAC)
Entries 12594

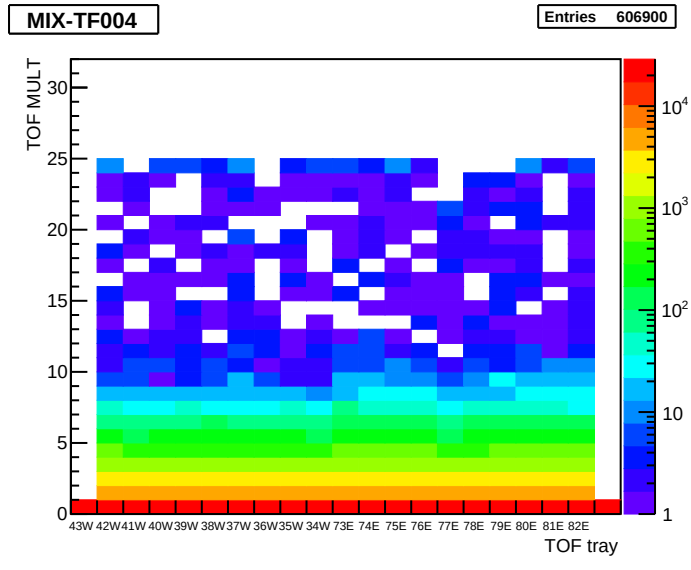

BunchId7Bit (Laser)
Entries 0

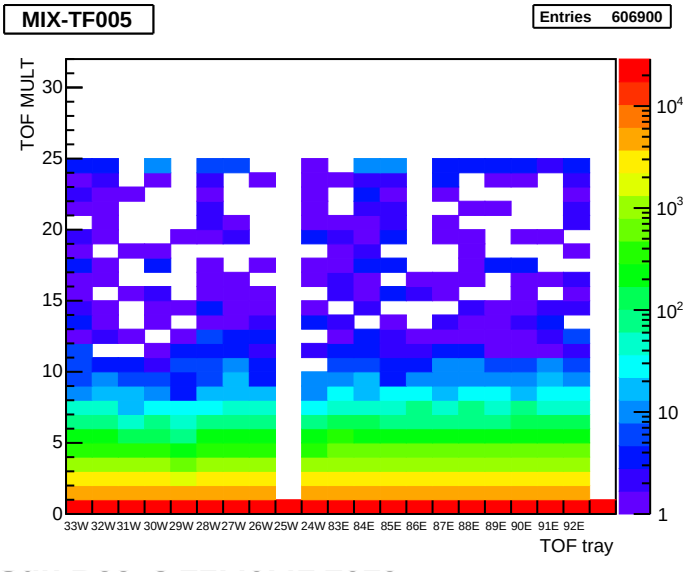

BunchId7Bit (TOFmult window)
Entries 7

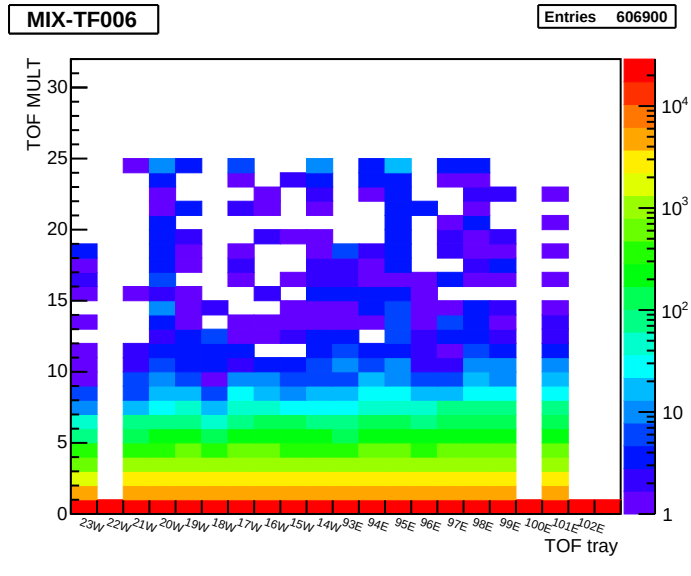

MIX-TF001
Entries 606900
TOF MULT
TOF tray

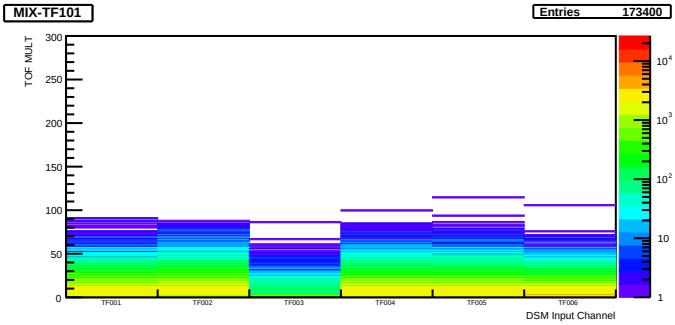

MIX-TF002
Entries 606900
TOF MULT
TOF tray

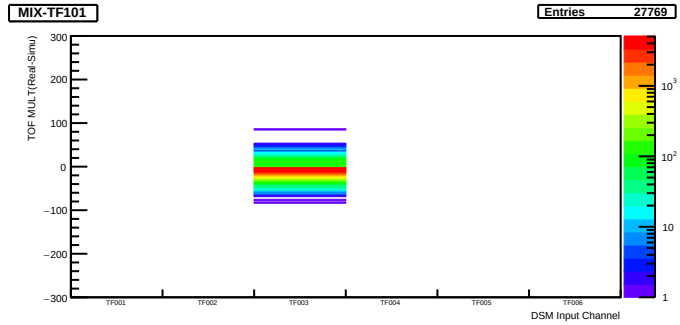

MIX-TF003
Entries 606900
TOF MULT
TOF tray

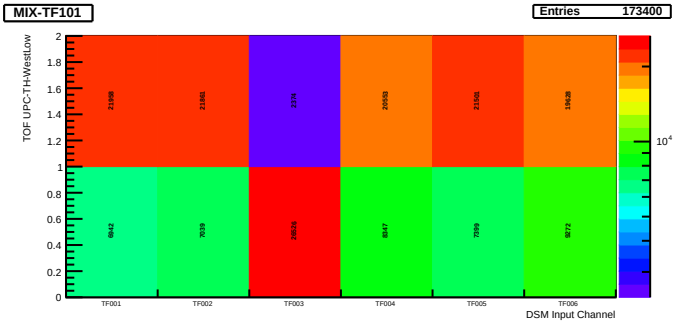

MIX-TF004
Entries 606900
TOF MULT
TOF tray

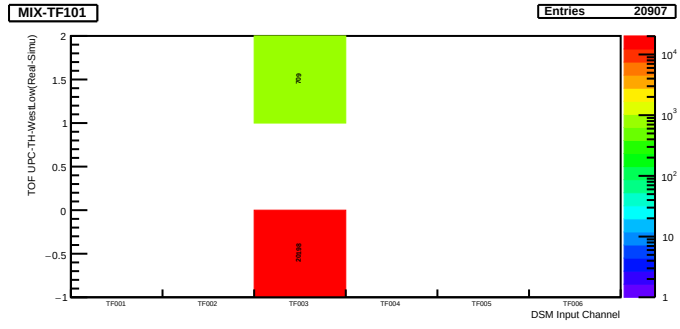

MIX-TF005
Entries 606900
TOF MULT
TOF tray

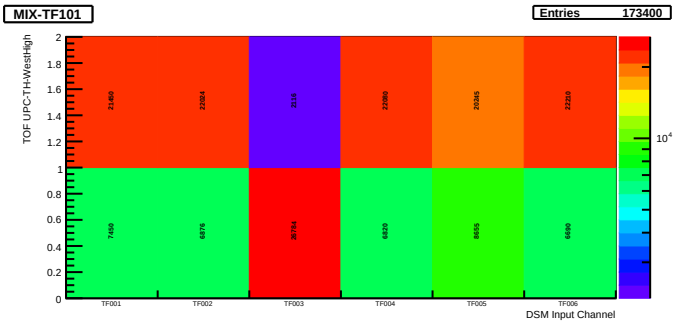

MIX-TF006
Entries 606900
TOF MULT
TOF tray

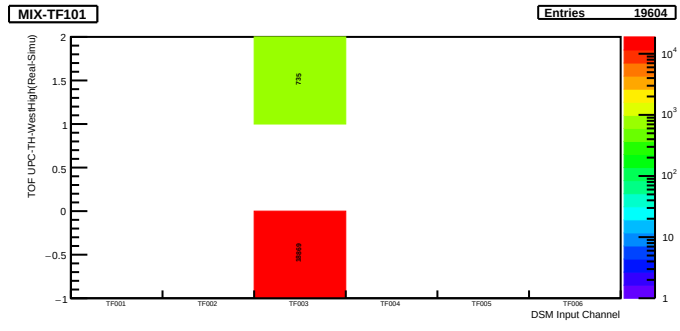

MIX-TF101
Entries 173400
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

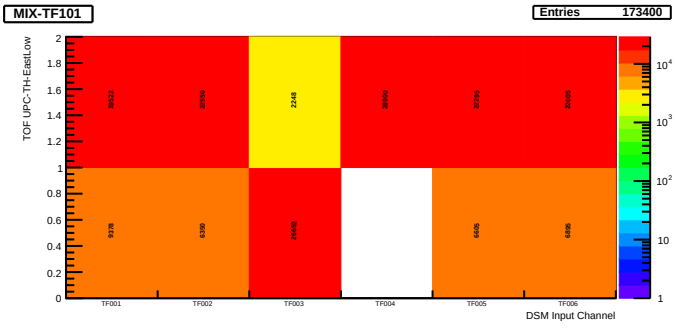

MIX-TF101
Entries 27769
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

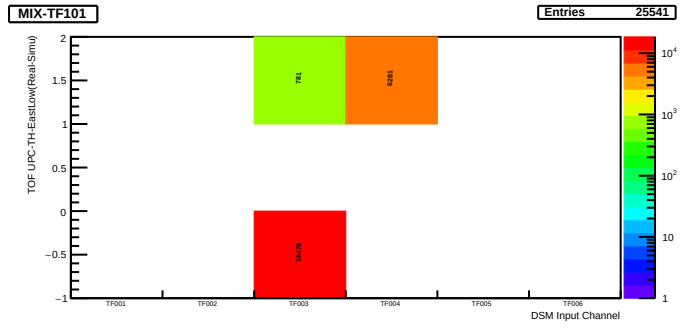

MIX-TF101
Entries 173400
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

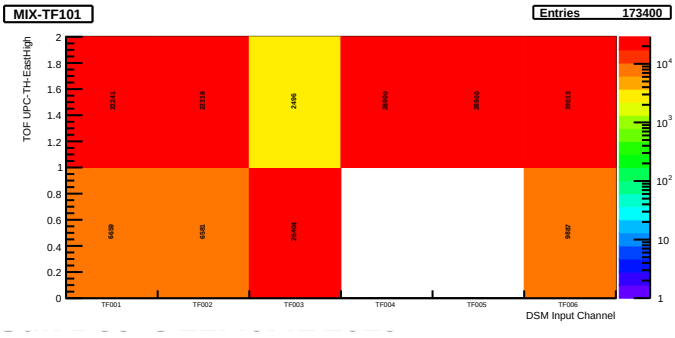

MIX-TF101
Entries 20907
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

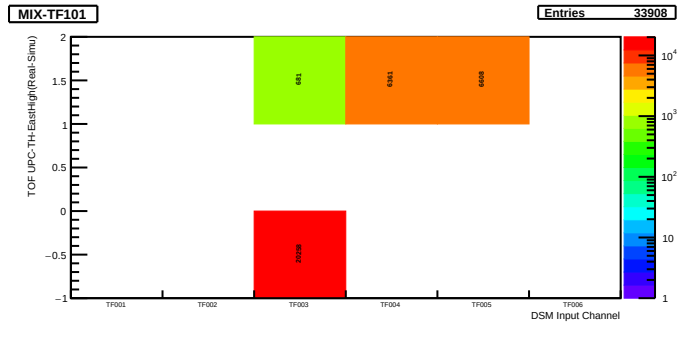

MIX-TF101
Entries 173400
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

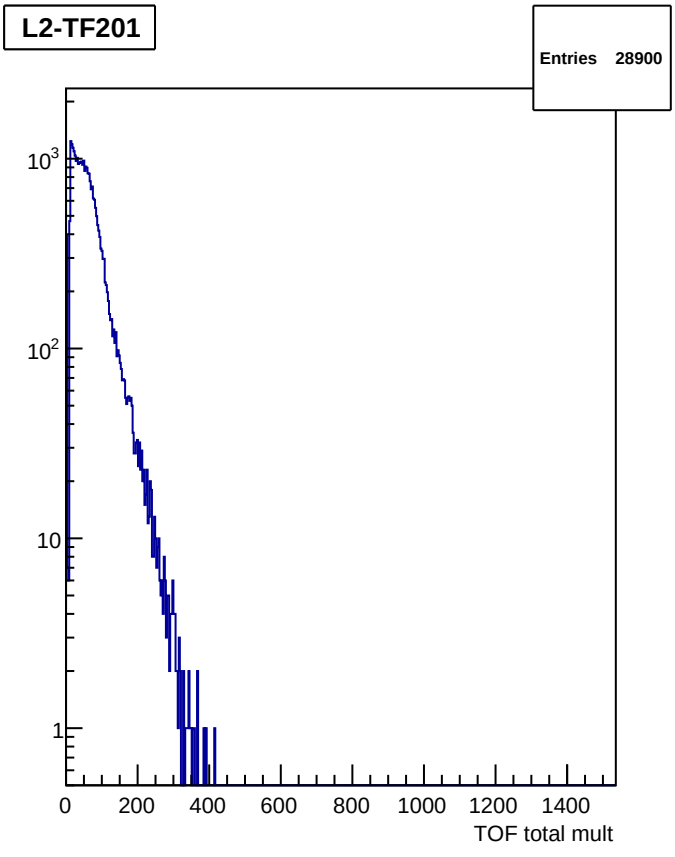

MIX-TF101
Entries 19604
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

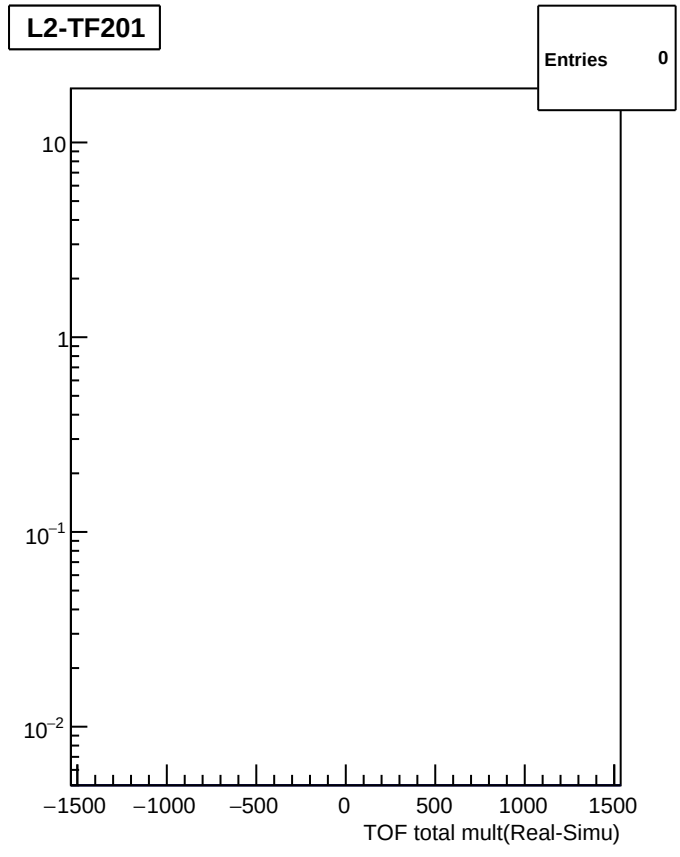

MIX-TF101
Entries 173400
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

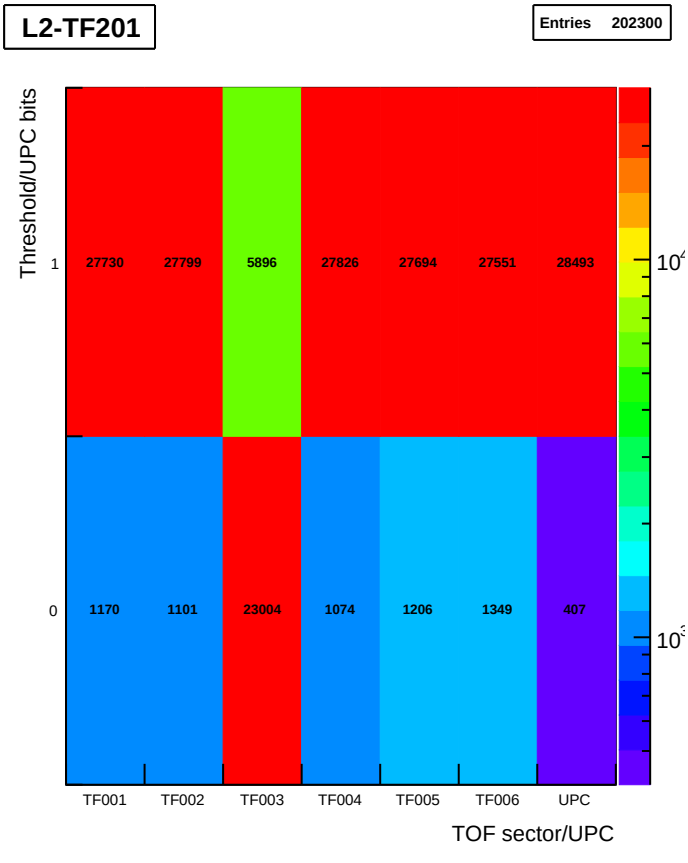

MIX-TF101
Entries 25541
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

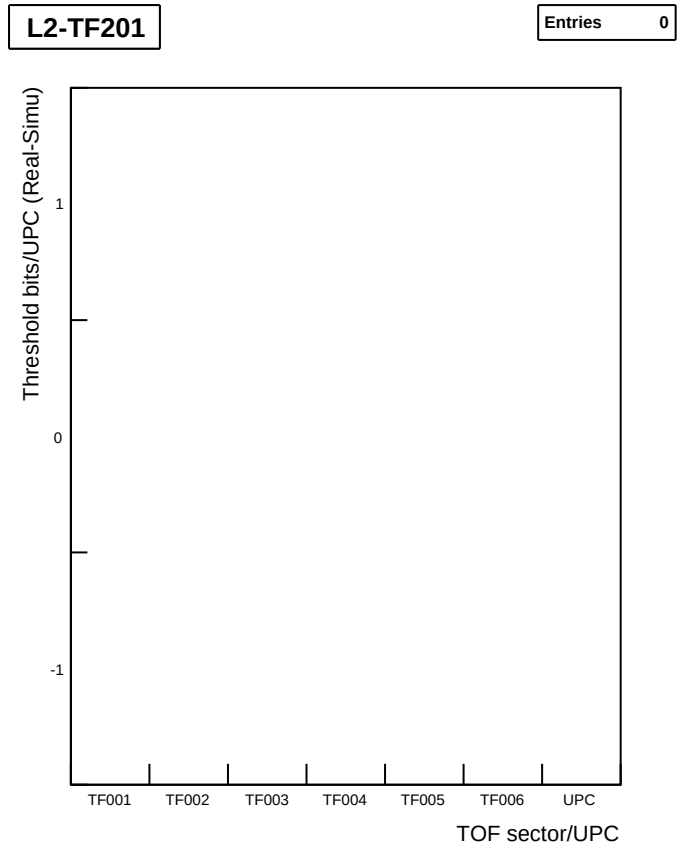

MIX-TF101
Entries 173400
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

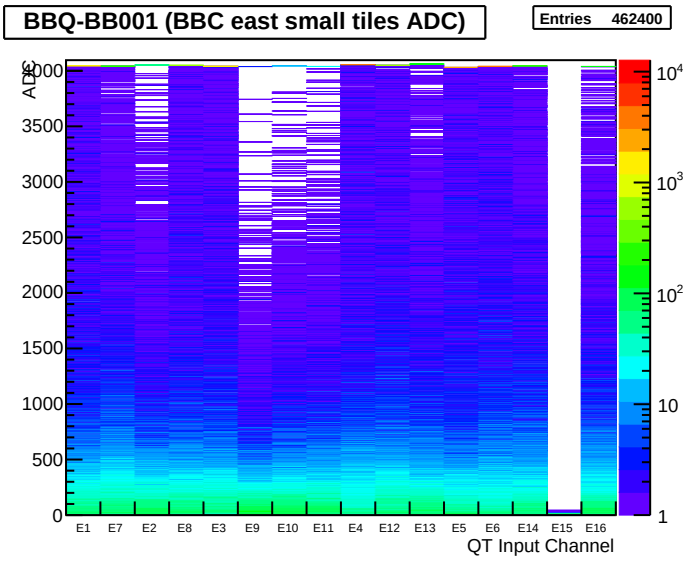

MIX-TF101
Entries 33908
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

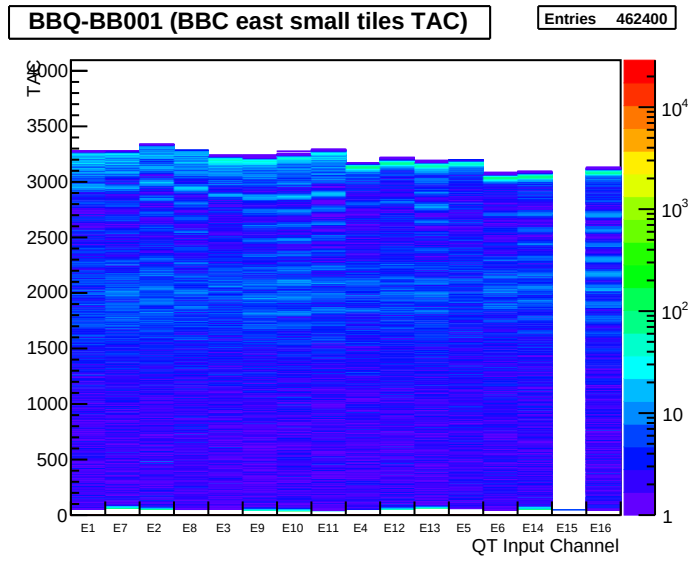

L2-TF201
Entries 28900
TOF total mult

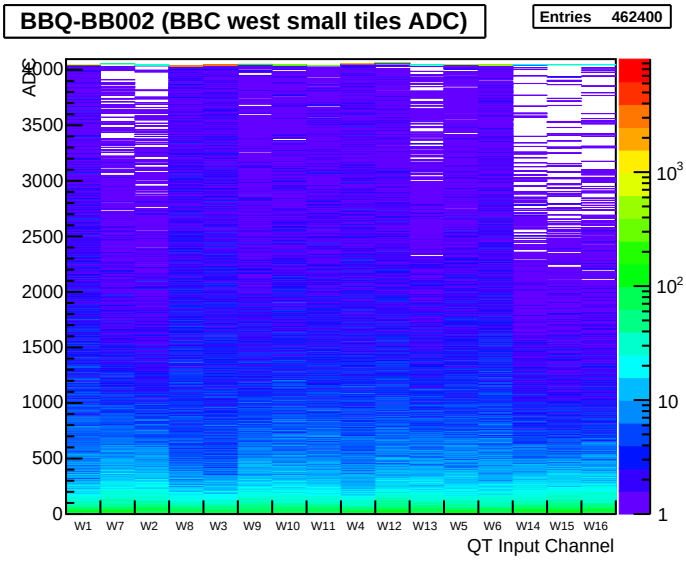

L2-TF201
Entries 0
TOF total mult(Real-Simu)

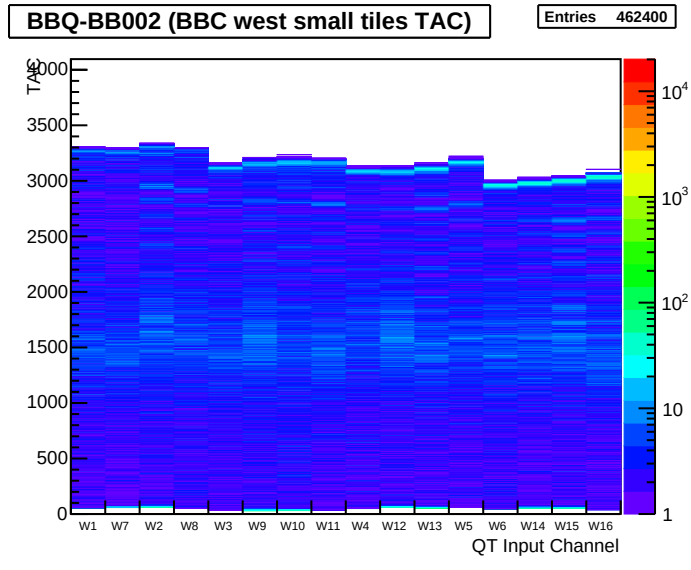

L2-TF201
Entries 202300
Threshold/UPC bits
27730
27799
5896
27826
27694
27551
28493
1170
1101
23004
1074
1206
1349
407
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

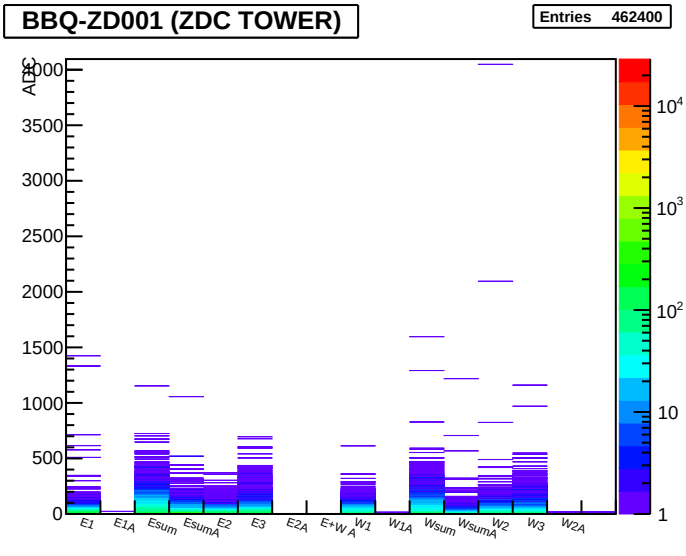

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

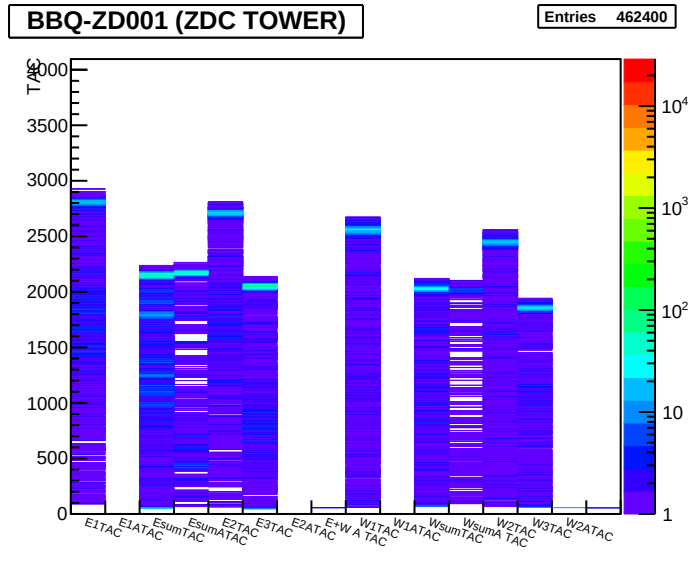

BBQ-BB001 (BBC east small tiles ADC)
Entries 462400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

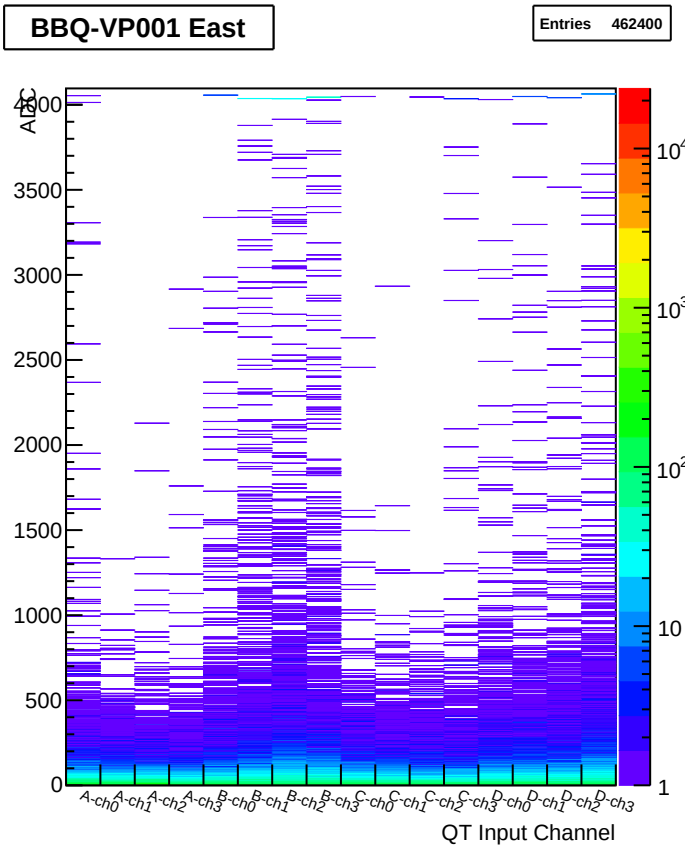

BBQ-BB001 (BBC east small tiles TAC)
Entries 462400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

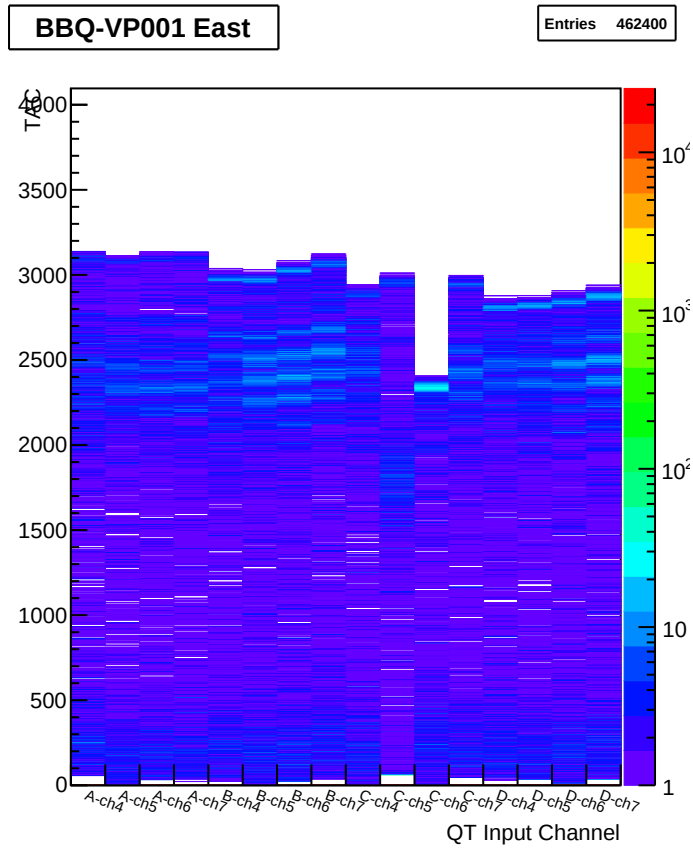

BBQ-BB002 (BBC west small tiles ADC)
Entries 462400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

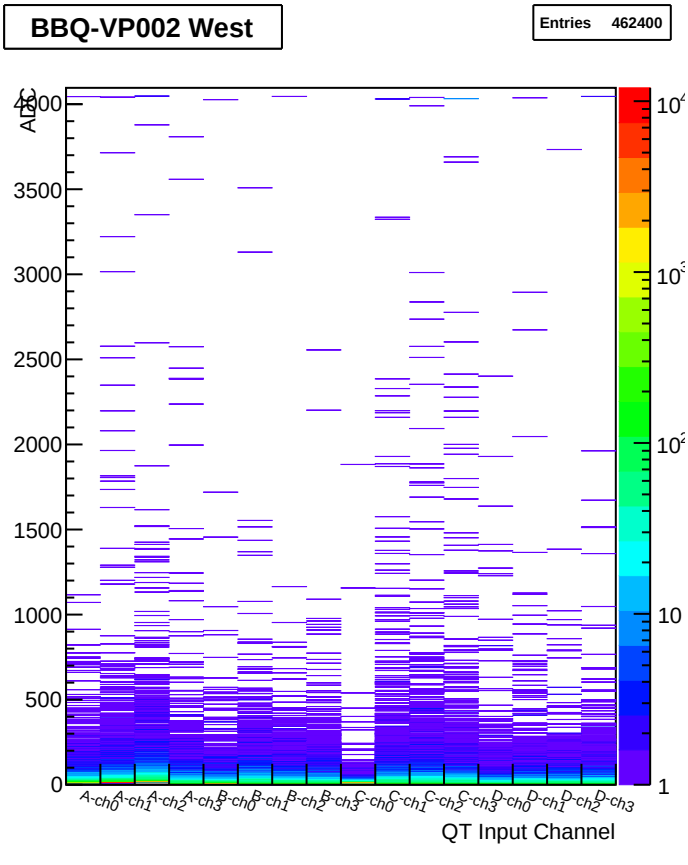

BBQ-BB002 (BBC west small tiles TAC)
Entries 462400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

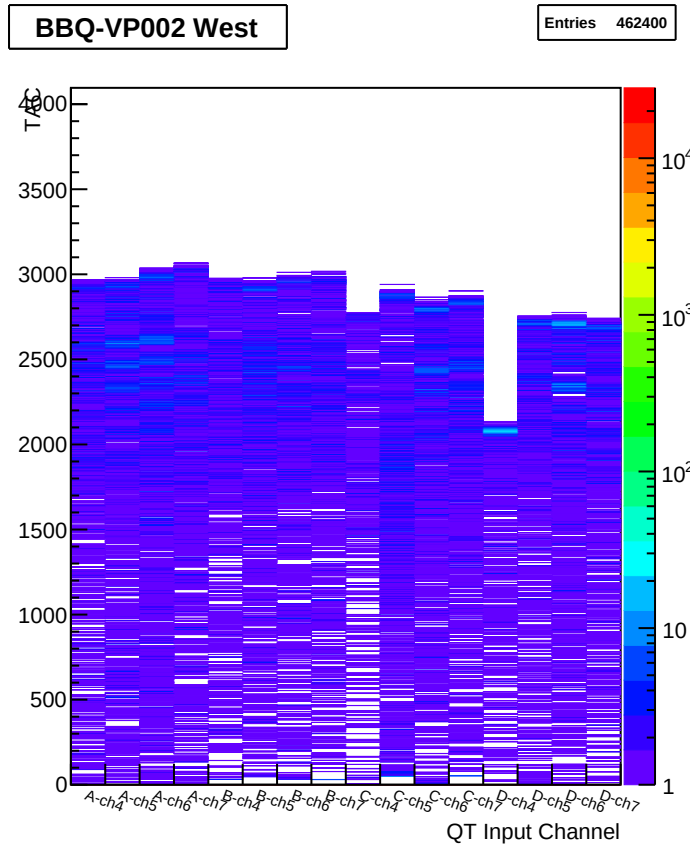

BBQ-ZD001 (ZDC TOWER)
Entries 462400
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

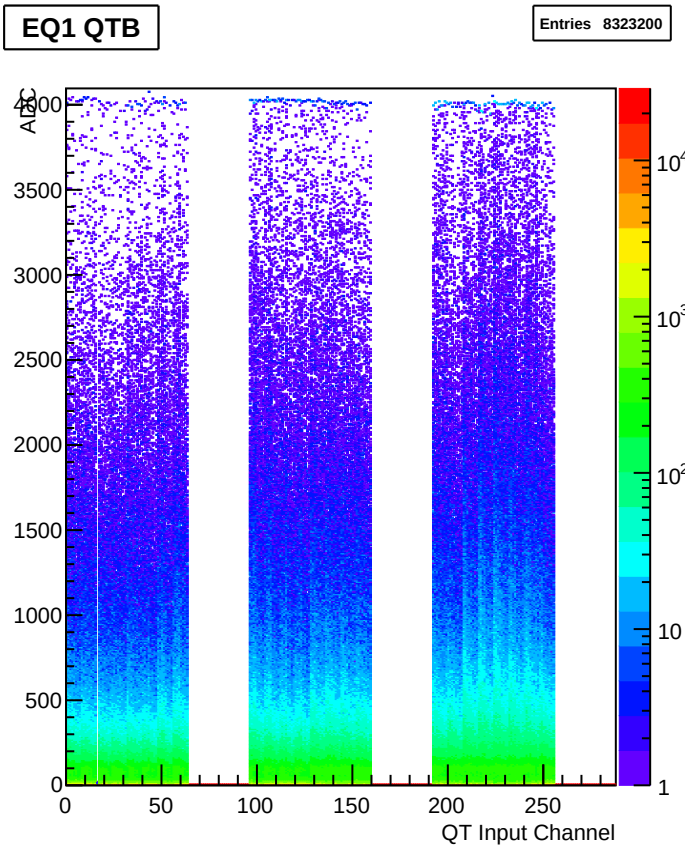

BBQ-ZD001 (ZDC TOWER)
Entries 462400
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

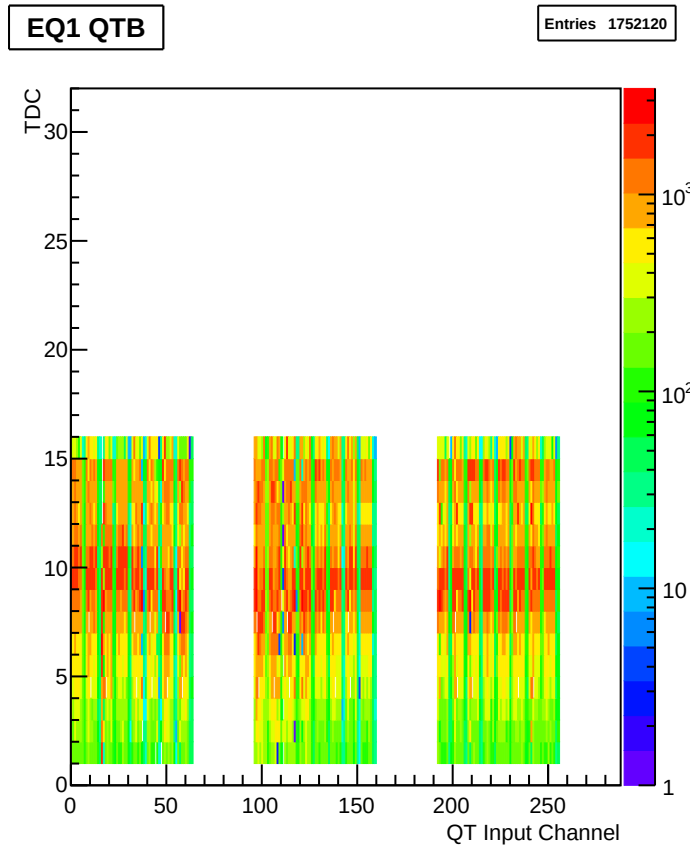

BBQ-VP001 East
Entries 462400
ADC
QT Input Channel

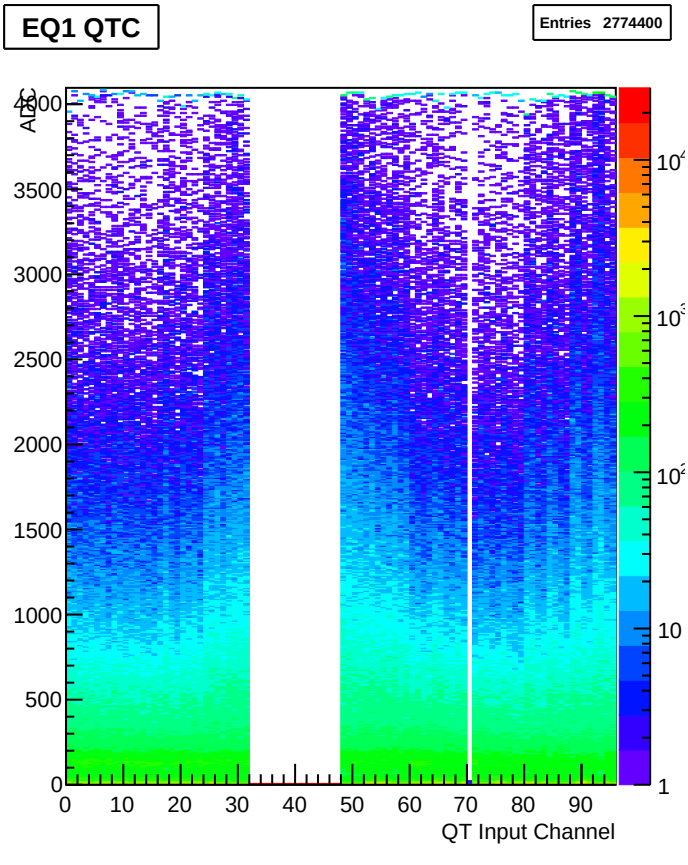

BBQ-VP001 East
Entries 462400
TAC
QT Input Channel

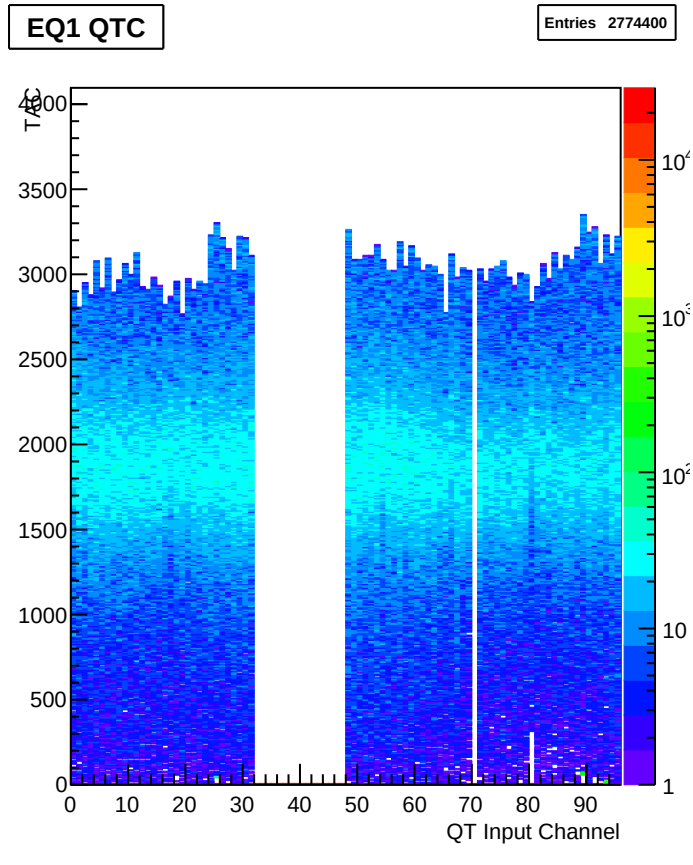

BBQ-VP002 West
Entries 462400
ADC
QT Input Channel

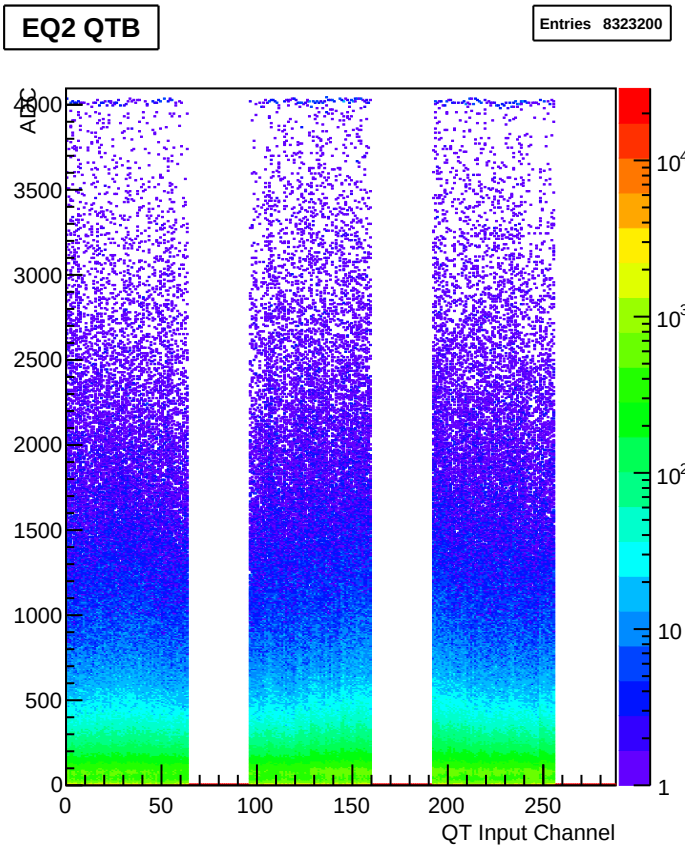

BBQ-VP002 West
Entries 462400
TAC
QT Input Channel

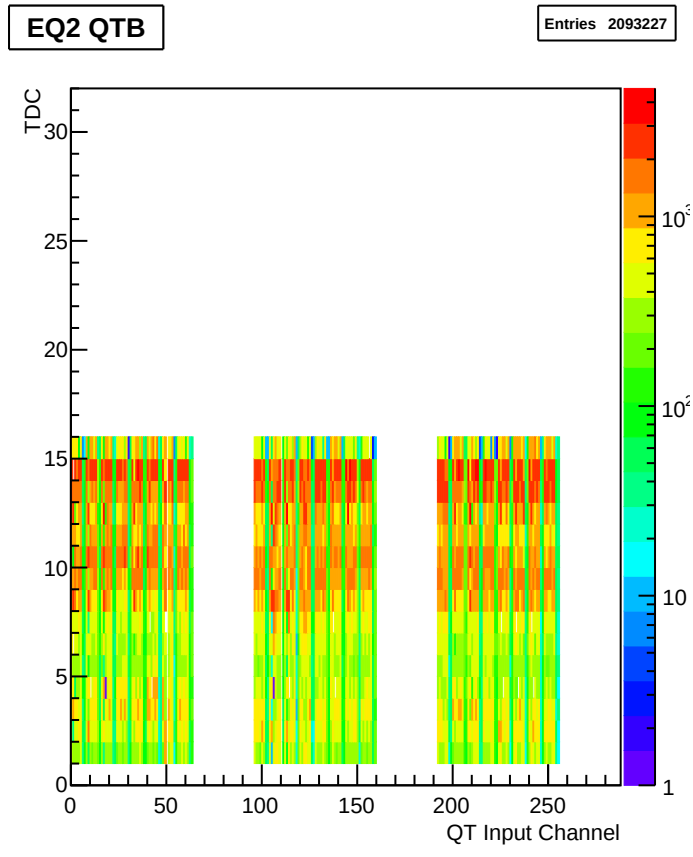

EQ1 QTB
Entries 8323200
ADC
QT Input Channel

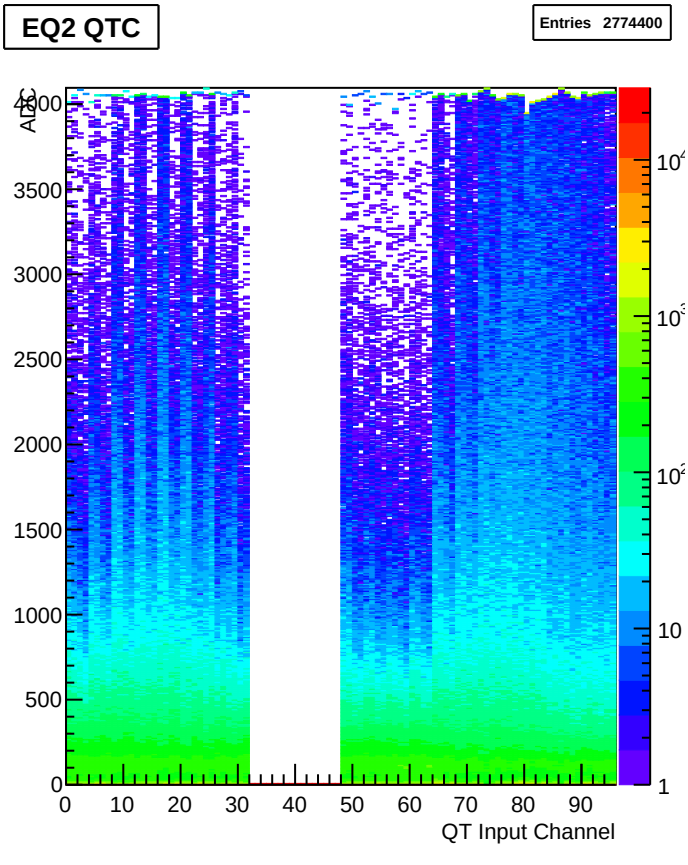

EQ1 QTB
Entries 1752120
TDC
QT Input Channel

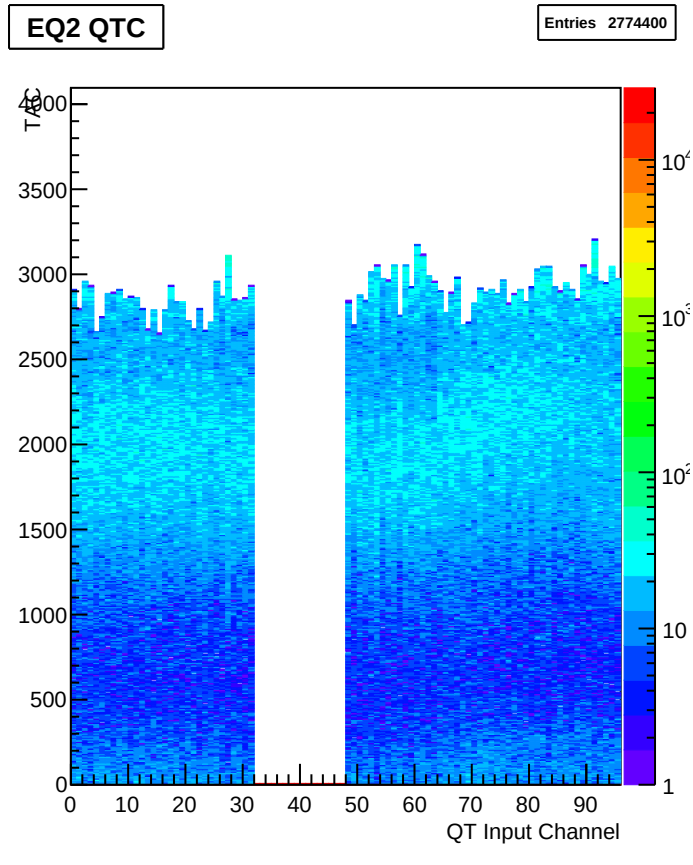

EQ1 QTC
Entries 2774400
ADC
QT Input Channel

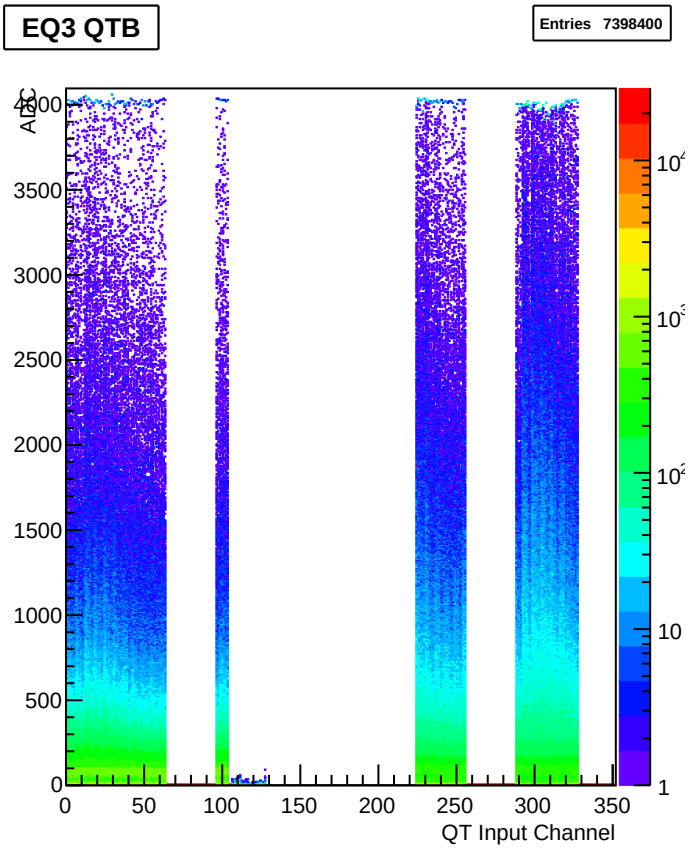

EQ1 QTC
Entries 2774400
TADC
QT Input Channel

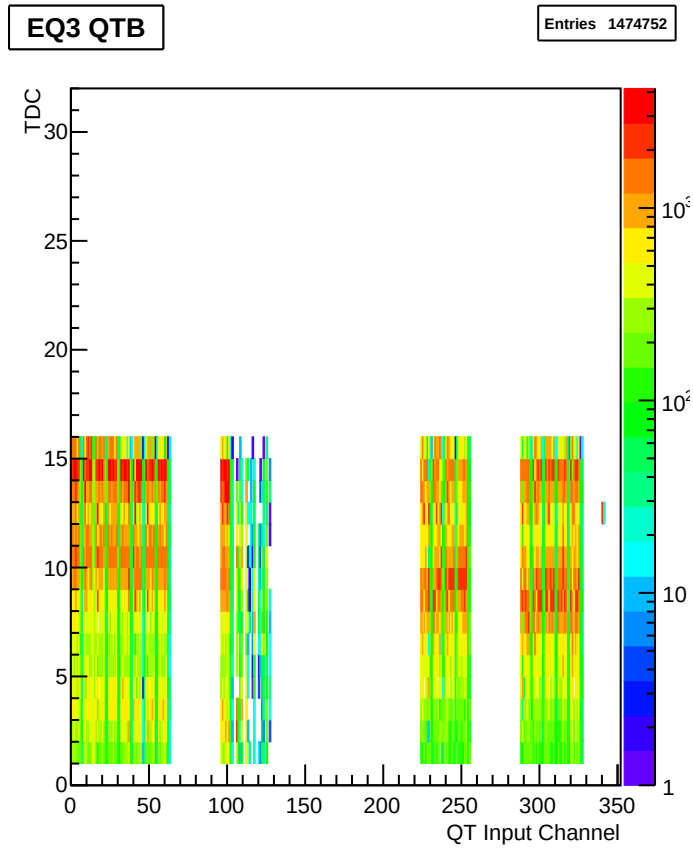

EQ2 QTB
Entries 8323200
ADC
QT Input Channel

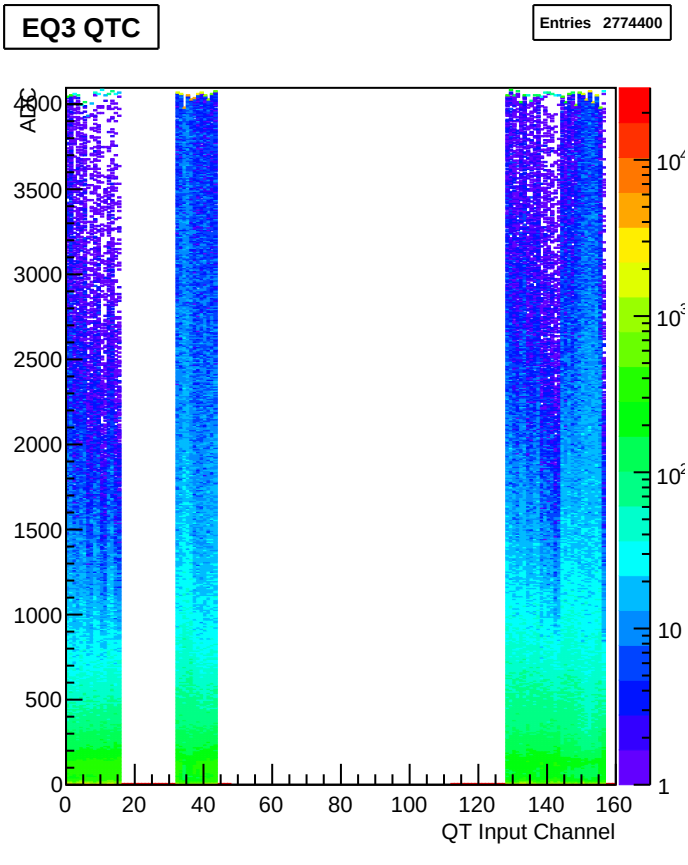

EQ2 QTB
Entries 2093227
TDC
QT Input Channel

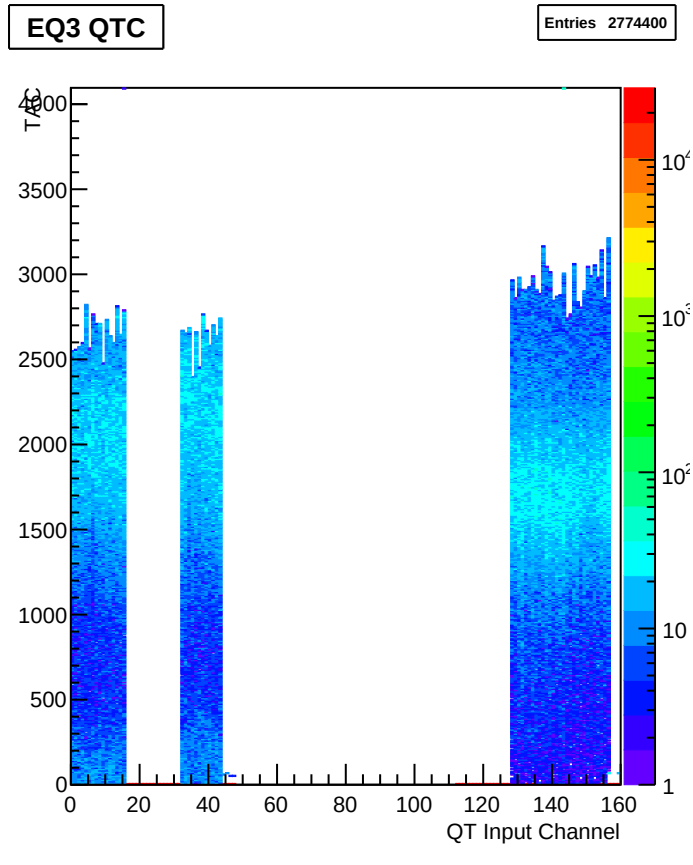

EQ2 QTC
Entries 2774400
ADC
QT Input Channel

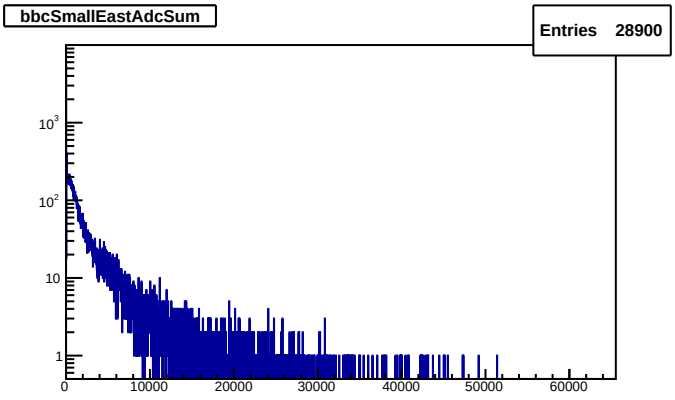

EQ2 QTC
Entries 2774400
TADC
QT Input Channel

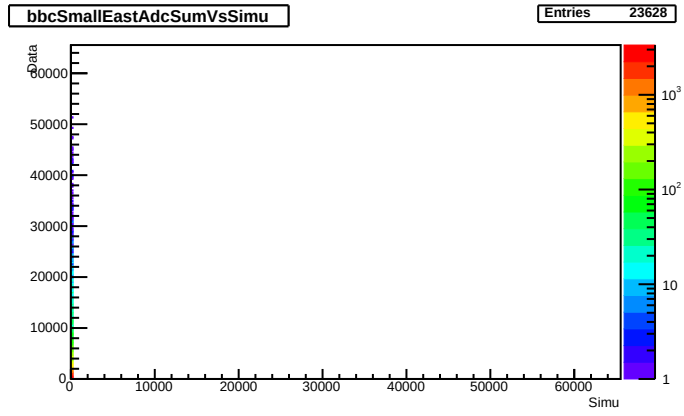

EQ3 QTB
Entries 7398400
ADC
QT Input Channel

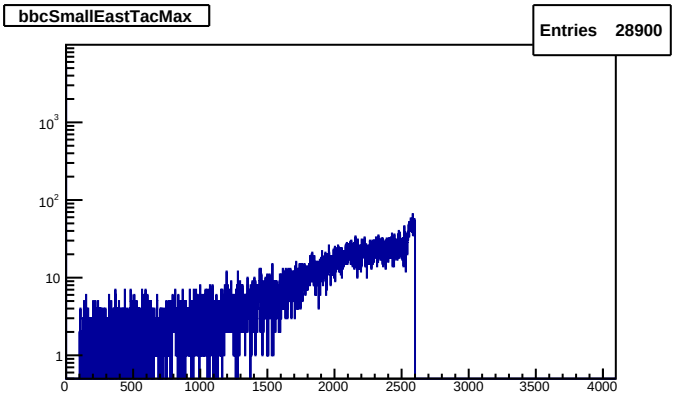

EQ3 QTB
Entries 1474752
TDC
QT Input Channel

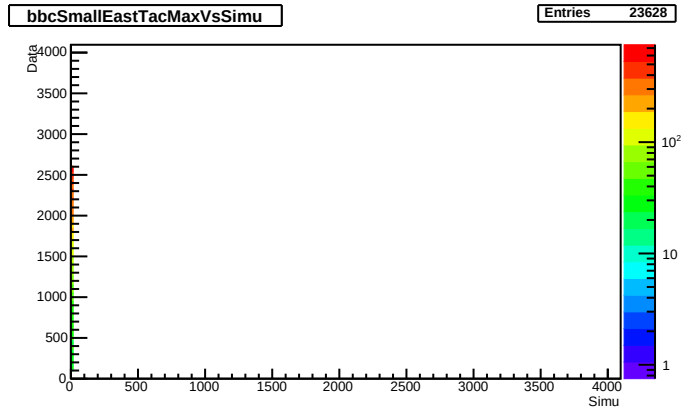

EQ3 QTC
Entries 2774400
ADC
QT Input Channel

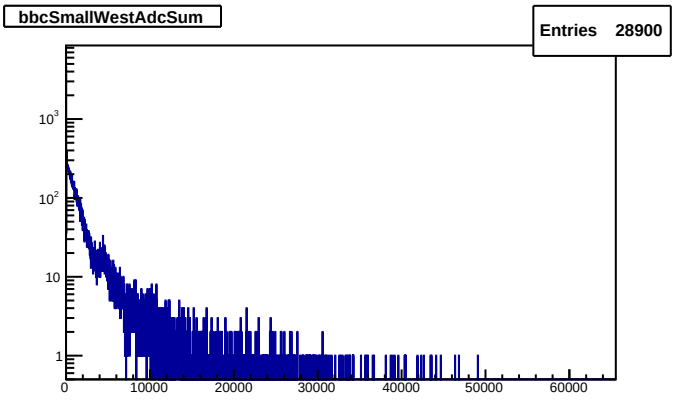

EQ3 QTC
Entries 2774400
TADC
QT Input Channel

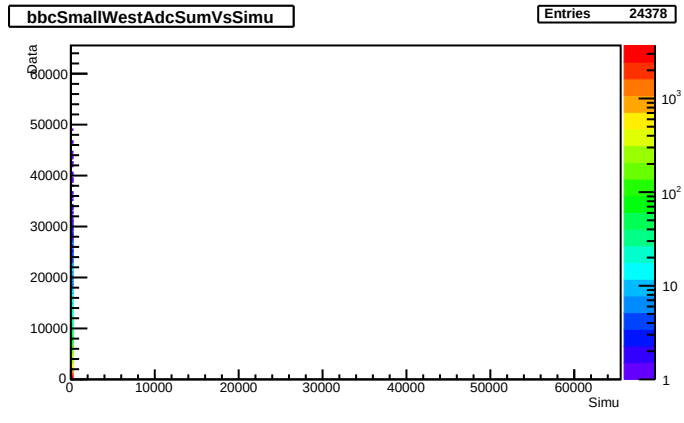

bbcSmallEastAdcSum
Entries 28900

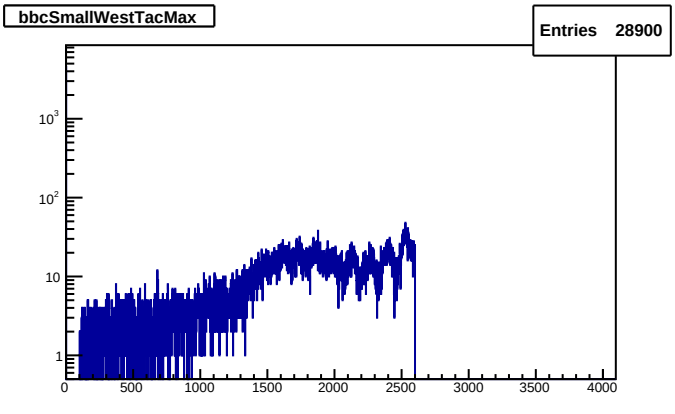

bbcSmallEastAdcSumVsSimu
Entries 23628
Data
Simu

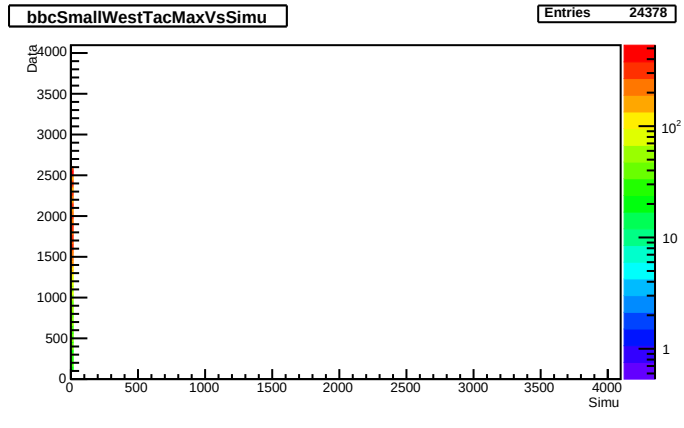

bbcSmallEastTacMax
Entries 28900

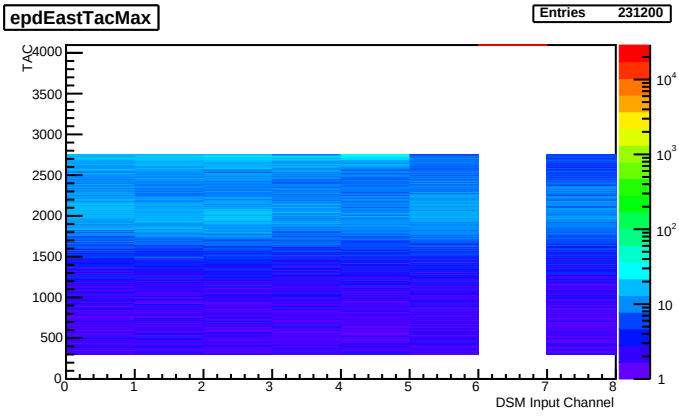

bbcSmallEastTacMaxVsSimu
Entries 23628
Data
Simu

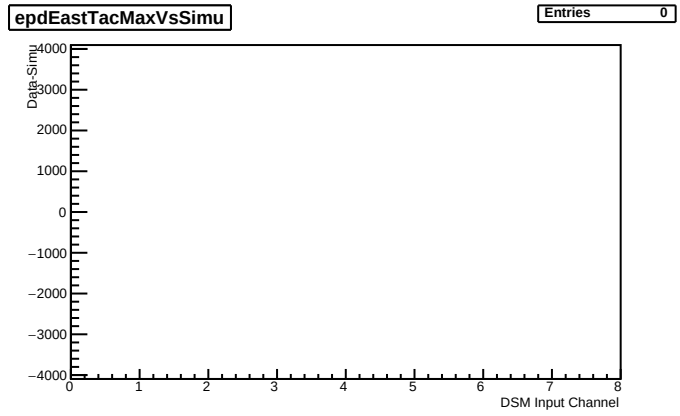

bbcSmallWestAdcSum
Entries 28900

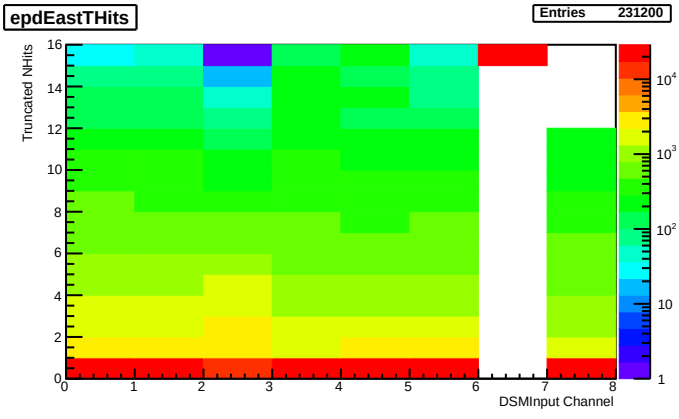

bbcSmallWestAdcSumVsSimu
Entries 24378
Data
Simu

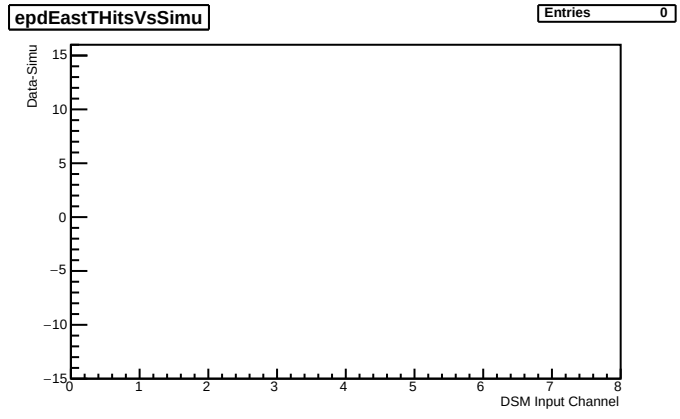

bbcSmallWestTacMax
Entries 28900

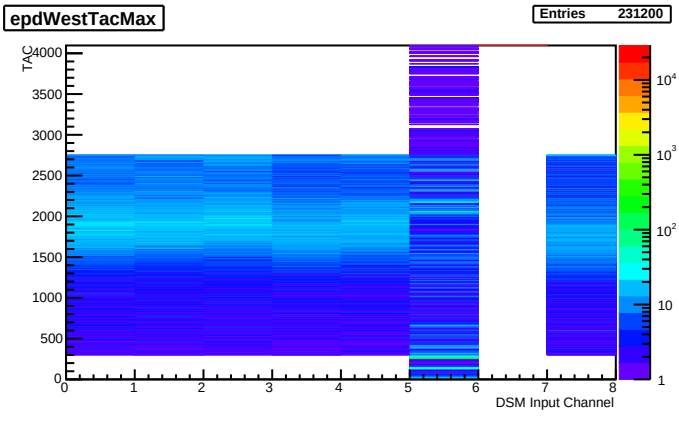

bbcSmallWestTacMaxVsSimu
Entries 24378
Data
Simu

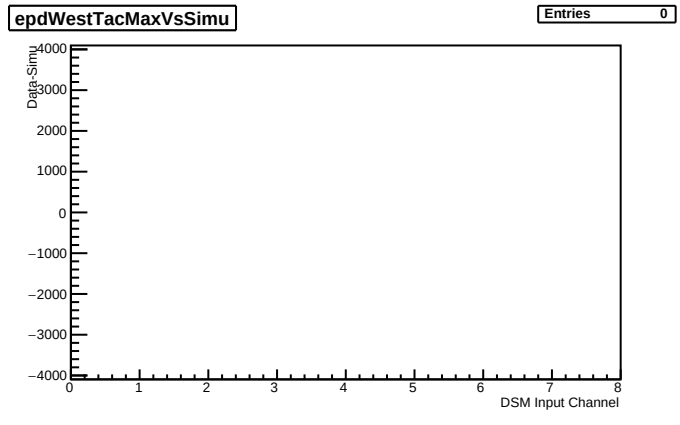

epdEastTacMax
Entries 231200
TAC
DSM Input Channel

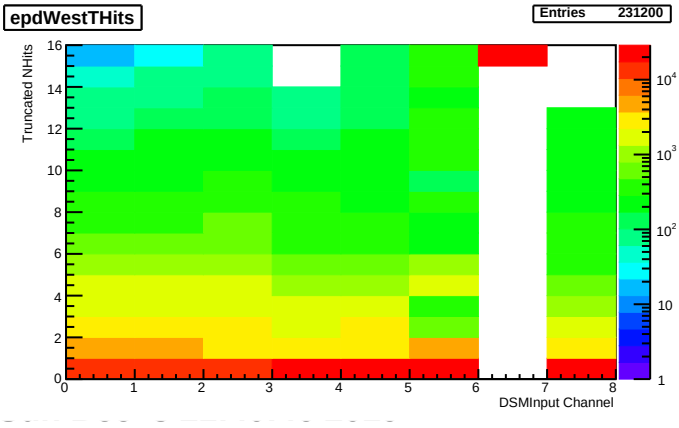

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

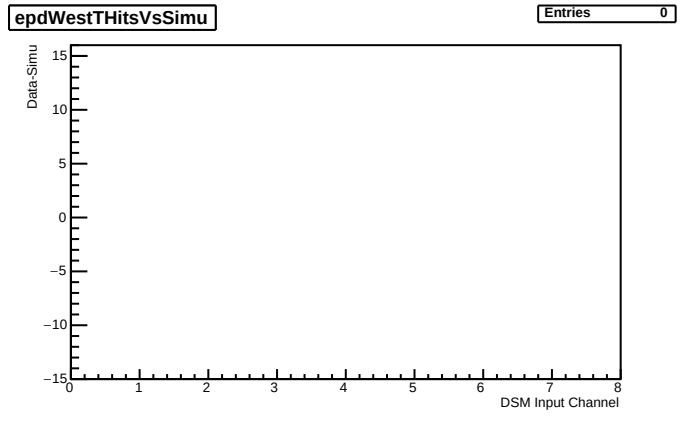

epdEastTHits
Entries 231200
Truncated NHits
DSMInput Channel

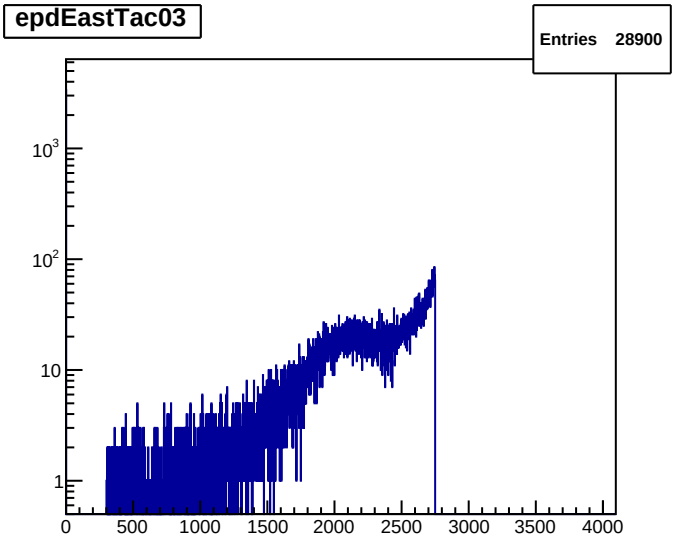

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

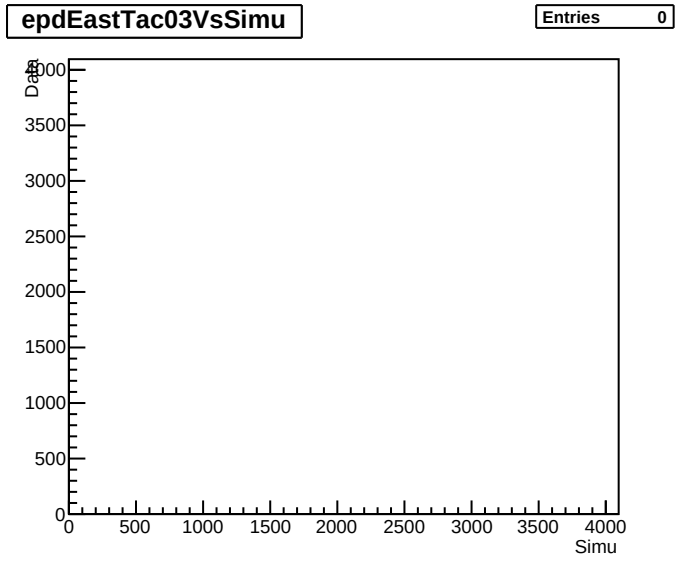

epdWestTacMax
Entries 231200
TAC
DSM Input Channel

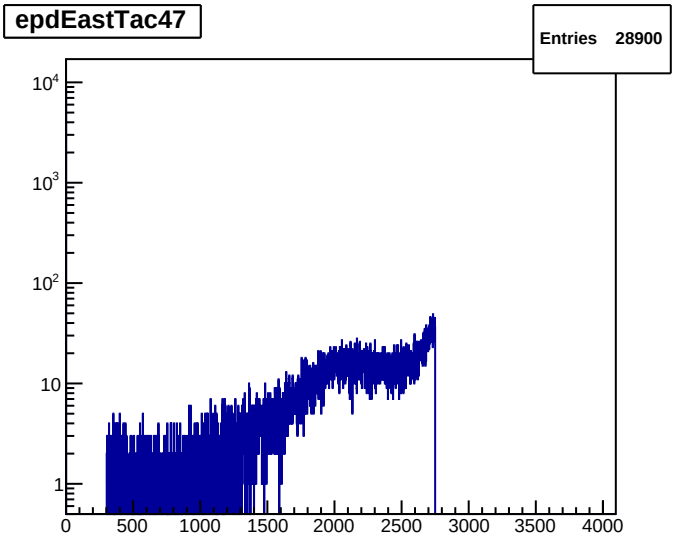

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

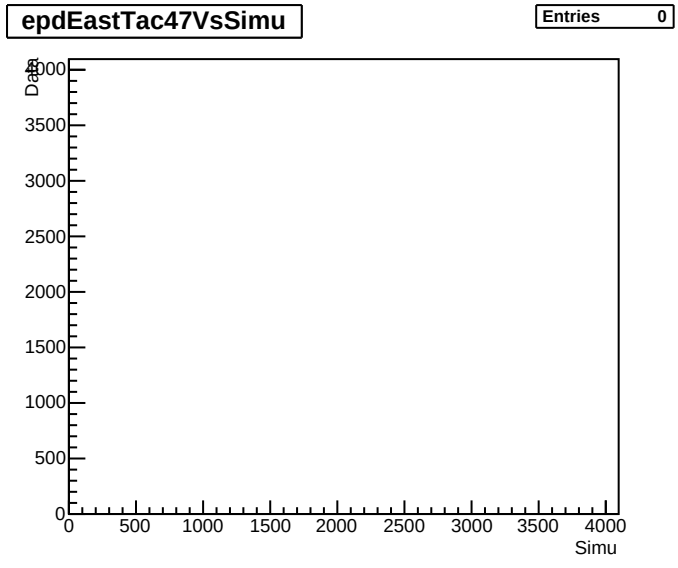

epdWestTHits
Entries 231200
Truncated NHits
DSMInput Channel

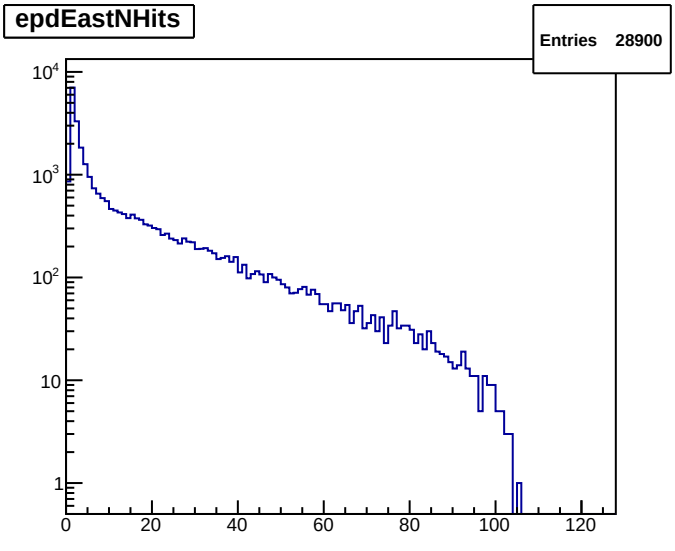

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

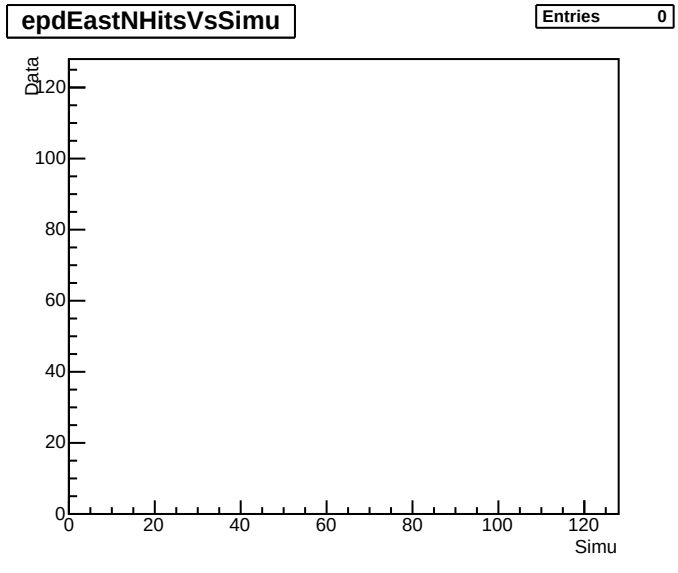

epdEastTac03
Entries 28900

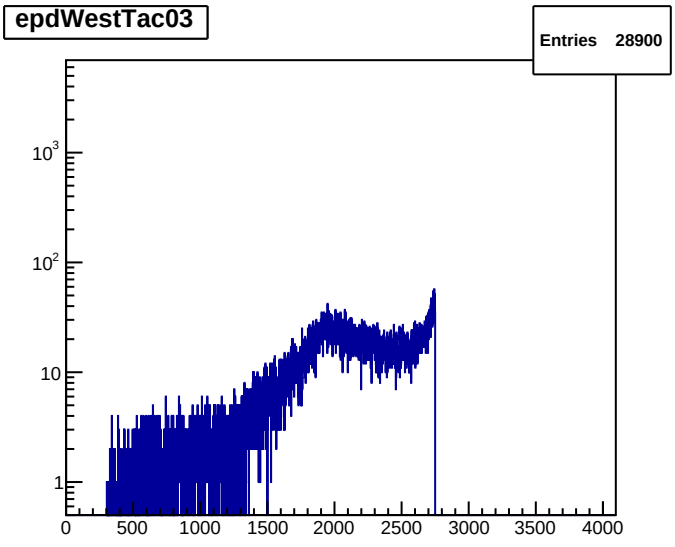

epdEastTac03VsSimu
Entries 0
Data
Simu

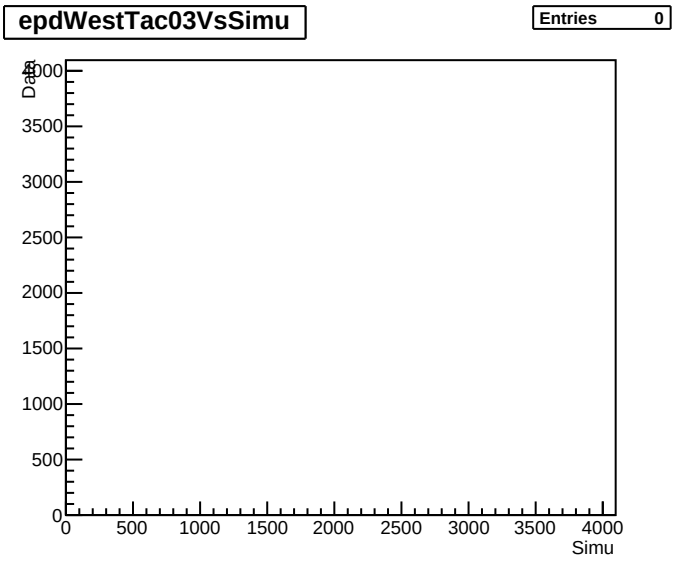

epdEastTac47
Entries 28900

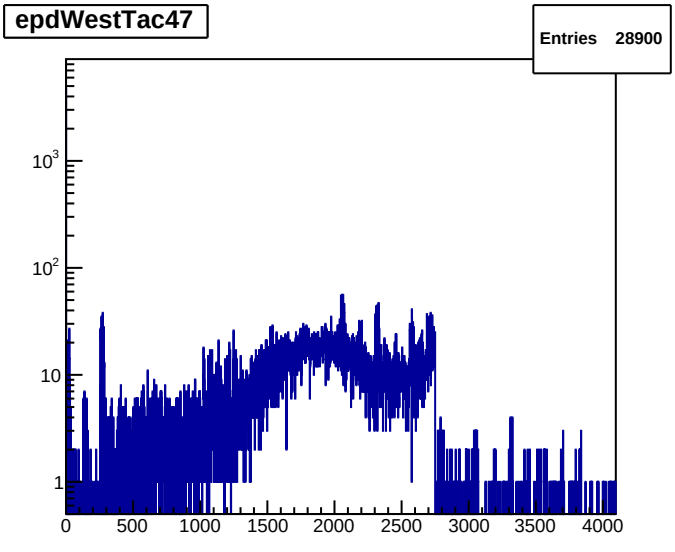

epdEastTac47VsSimu
Entries 0
Data
Simu

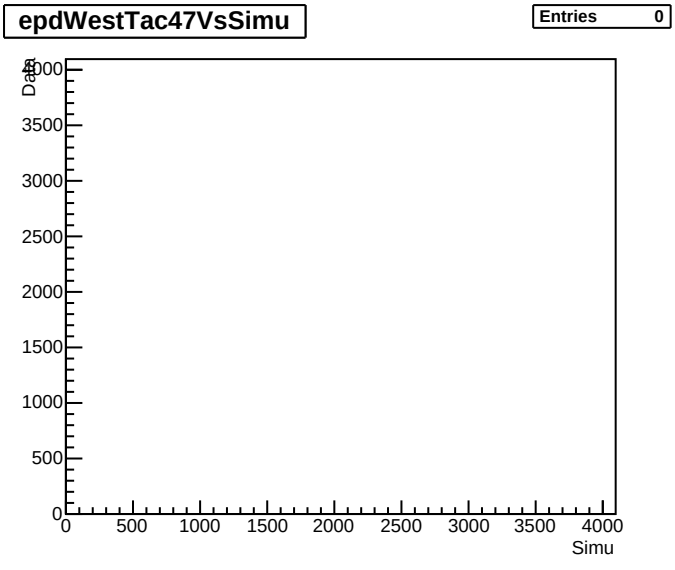

epdEastNHits
Entries 28900

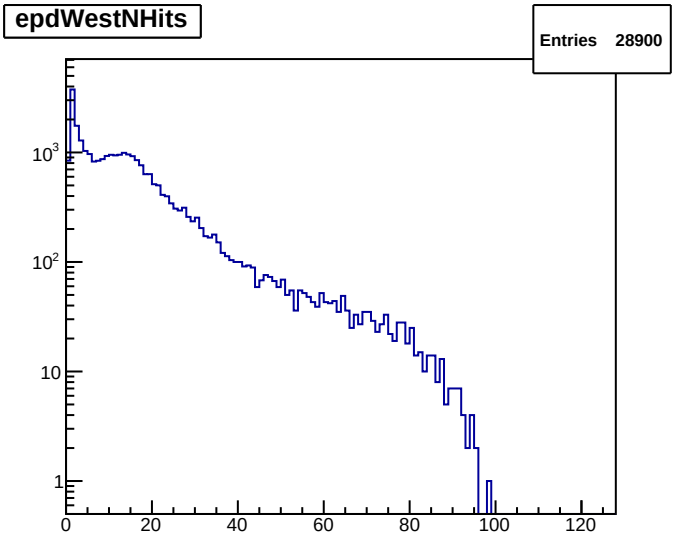

epdEastNHitsVsSimu
Entries 0
Data
Simu

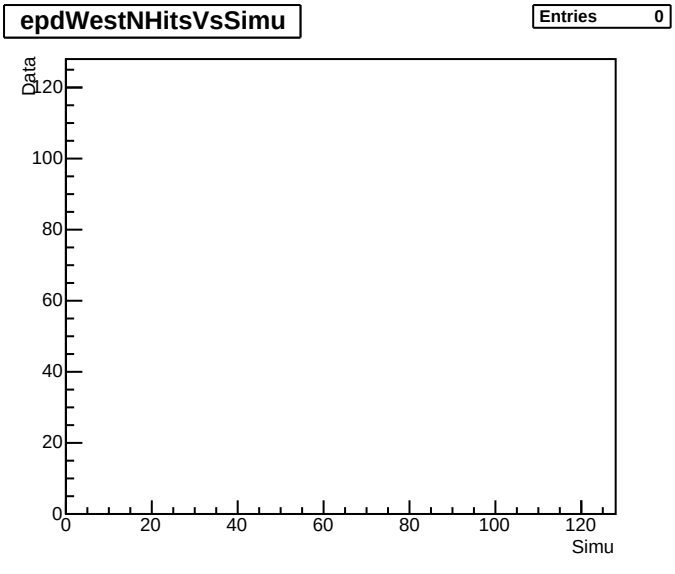

epdWestTac03
Entries 28900
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

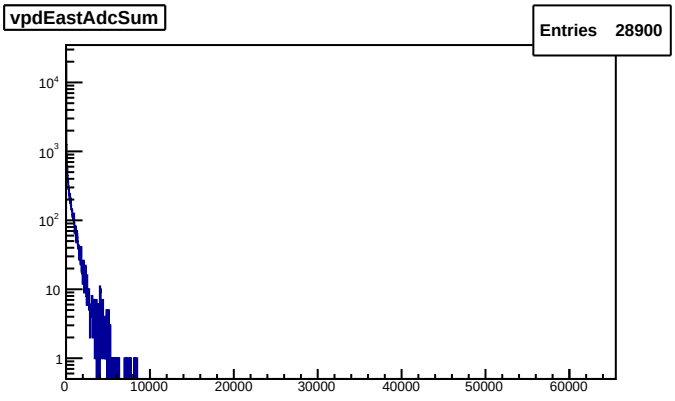

epdWestTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

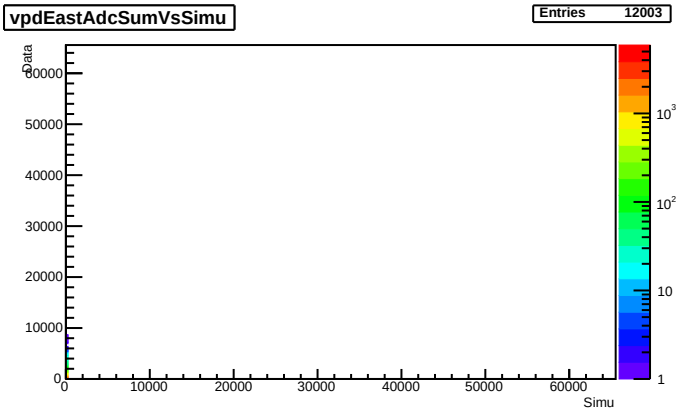

epdWestTac47
Entries 28900
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

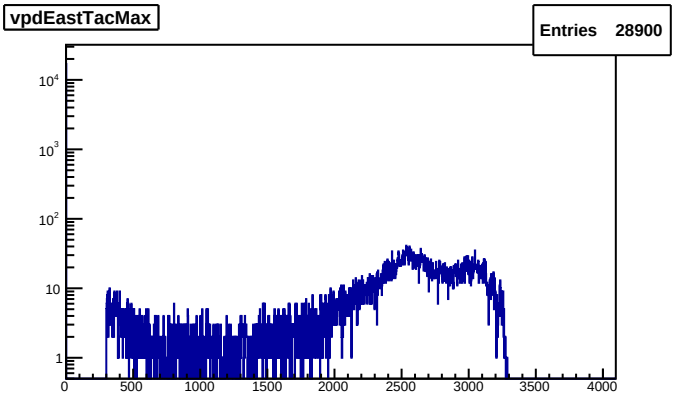

epdWestTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

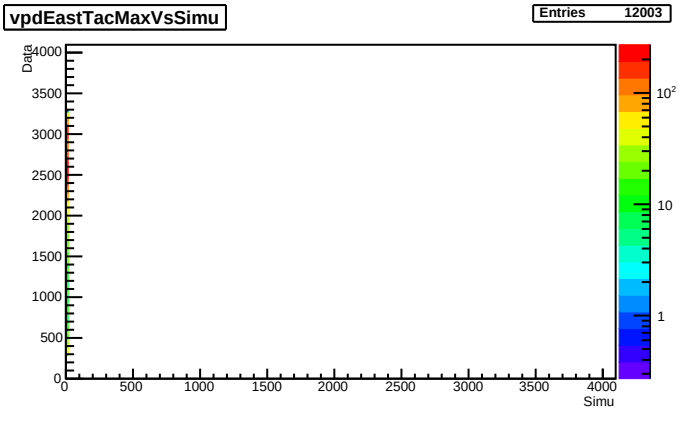

epdWestNHits
Entries 28900
10^3
10^2
10
1
0 20 40 60 80 100 120

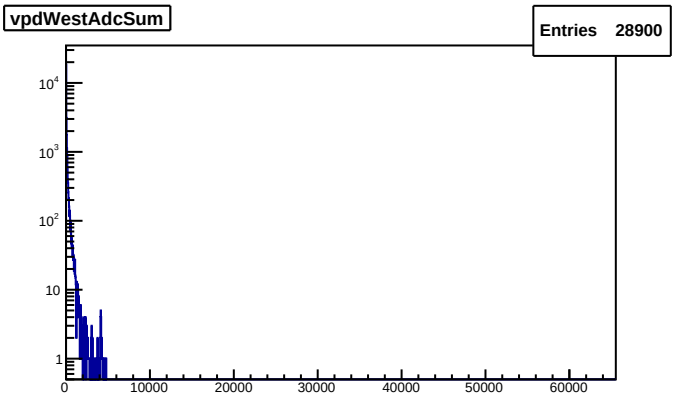

epdWestNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

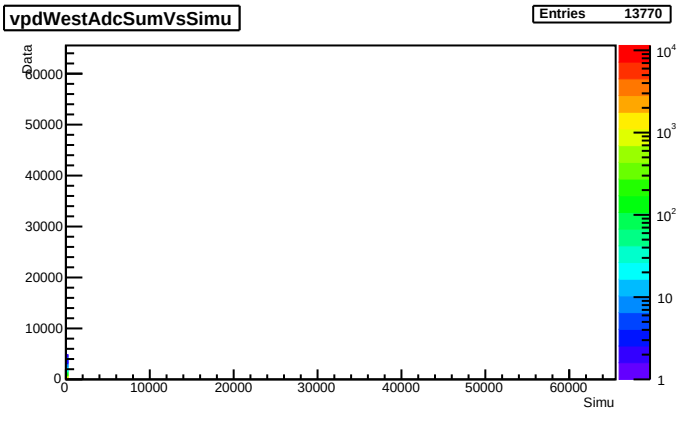

vpdEastAdcSum
Entries 28900

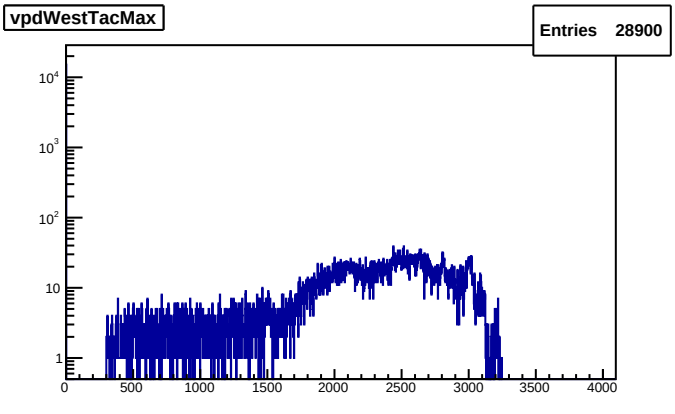

vpdEastAdcSumVsSimu
Entries 12003
Data
Simu

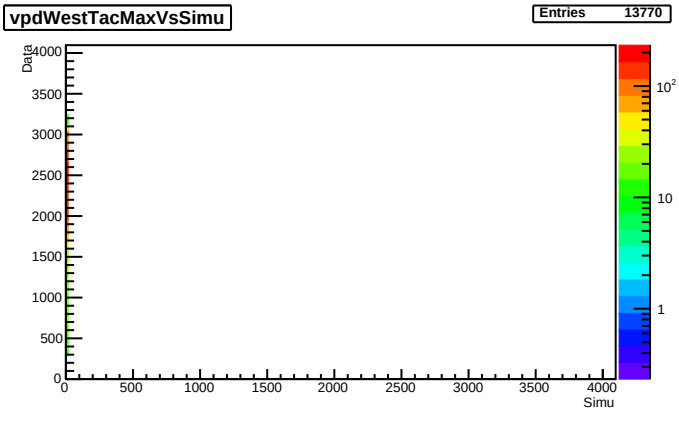

vpdEastTacMax
Entries 28900

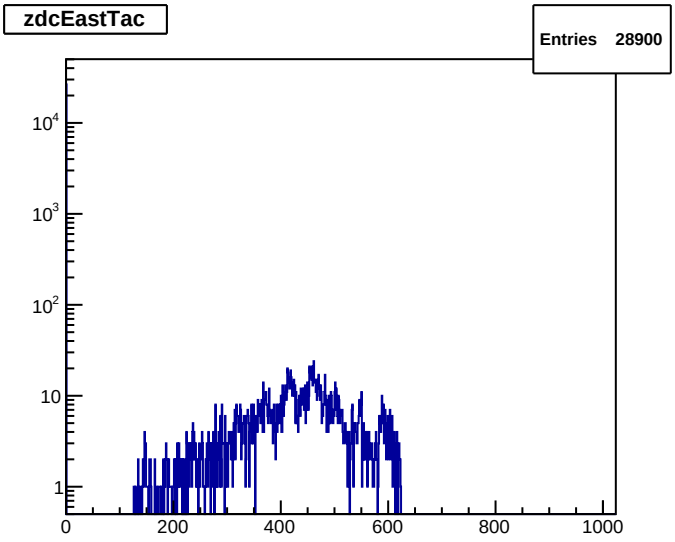

vpdEastTacMaxVsSimu
Entries 12003
Data
Simu

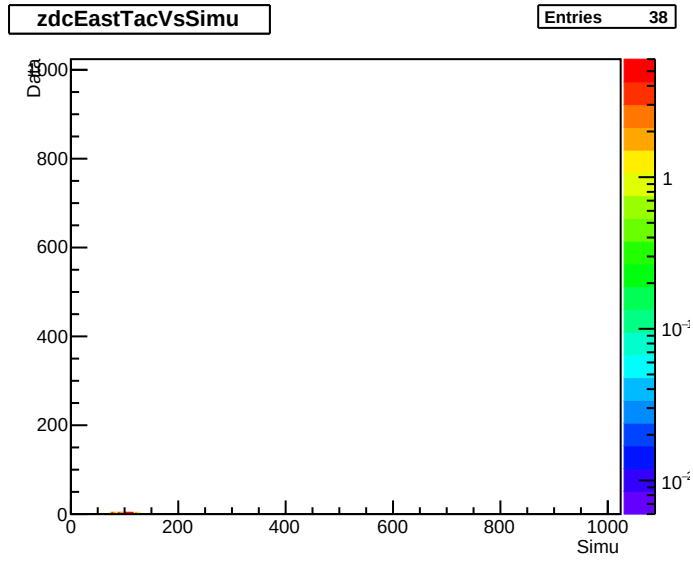

vpdWestAdcSum
Entries 28900

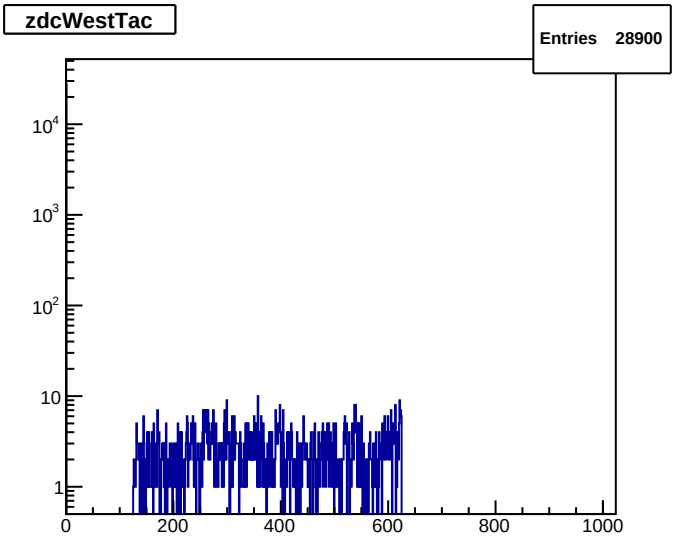

vpdWestAdcSumVsSimu
Entries 13770
Data
Simu

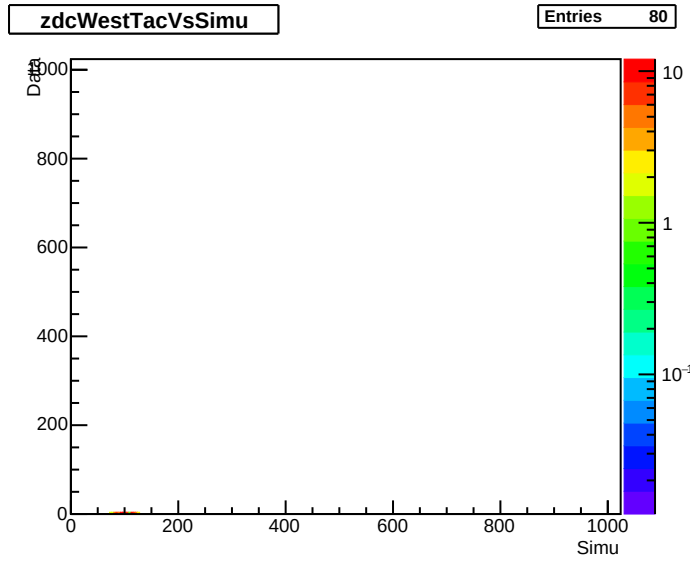

vpdWestTacMax
Entries 28900

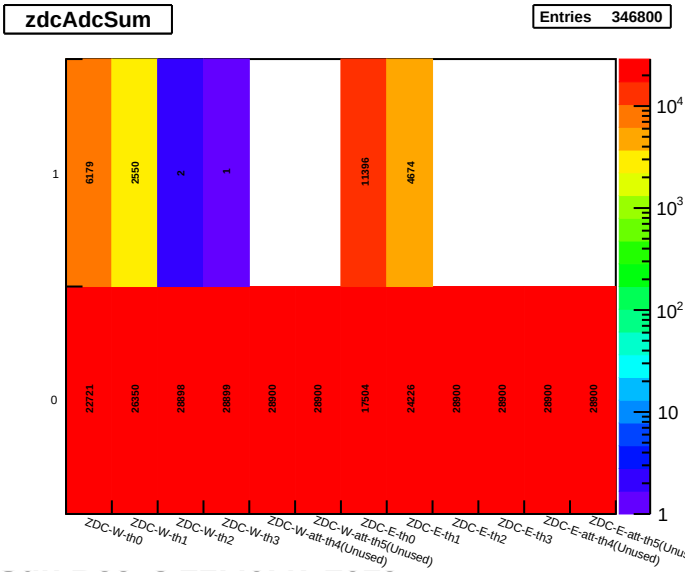

vpdWestTacMaxVsSimu
Entries 13770
Data
Simu

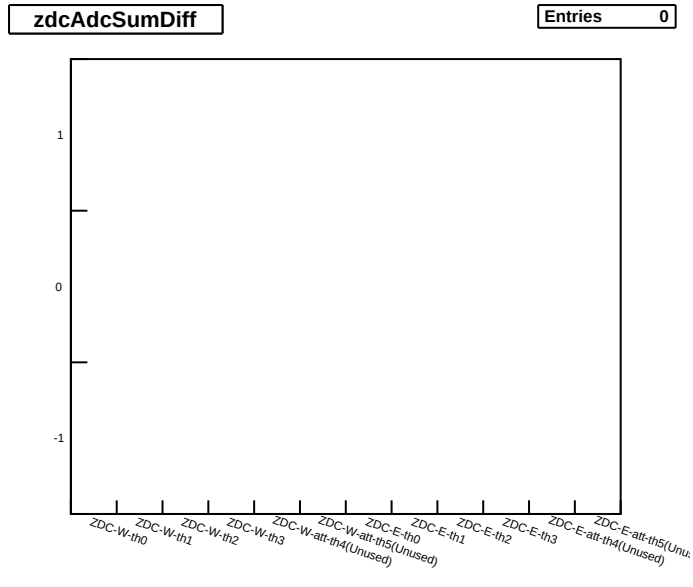

zdcEastTac
Entries 28900

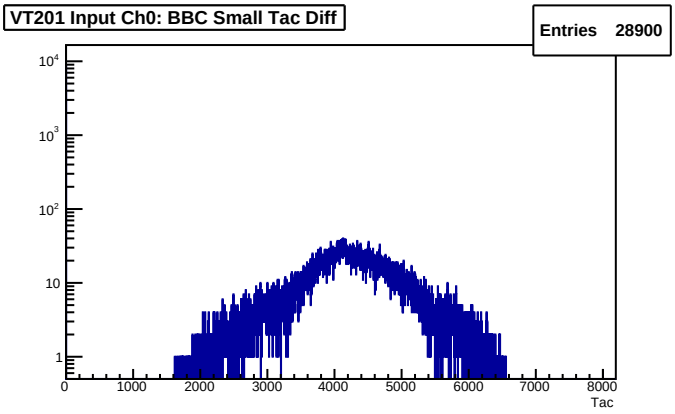

zdcEastTacVsSimu
Entries 38
Data
Simu

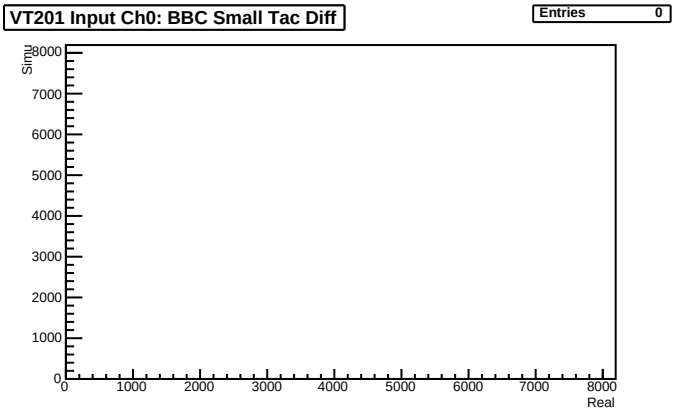

zdcWestTac
Entries 28900

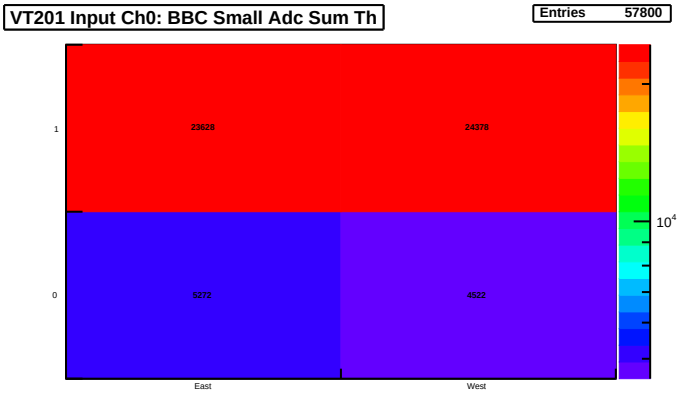

zdcWestTacVsSimu
Entries 80
Data
Simu

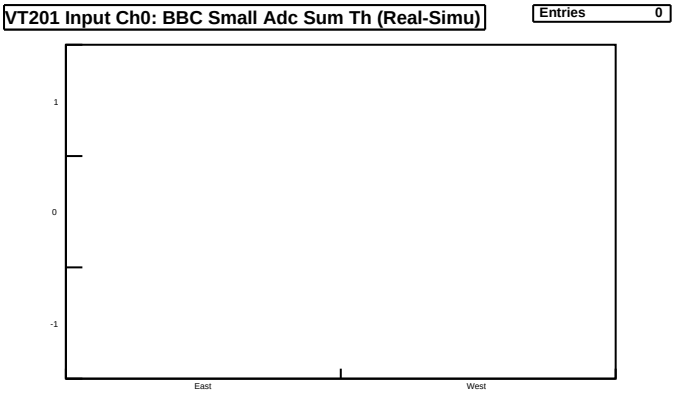

zdcAdcSum
Entries 346800
6179
2550
2
1
11396
4674
22721
26350
28898
28899
28900
28900
17504
24226
28900
28900
28900
28900
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

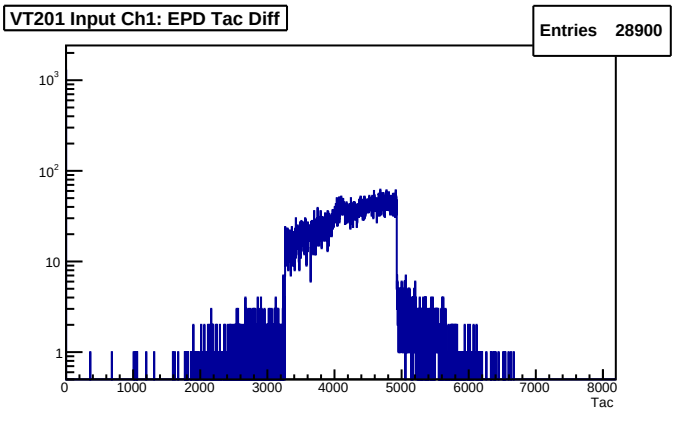

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

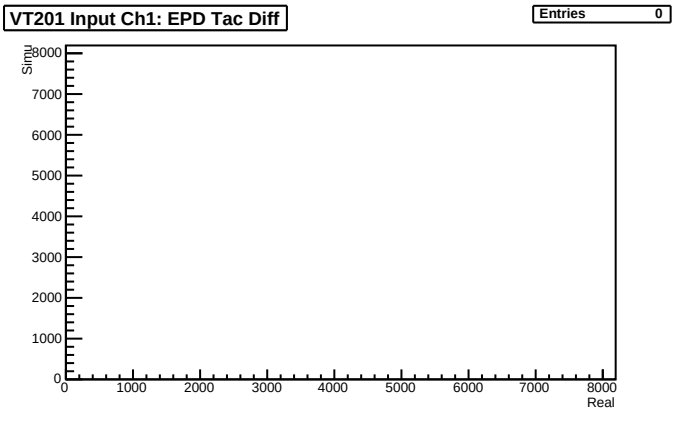

VT201 Input Ch0: BBC Small Tac Diff
Entries 28900
Tac

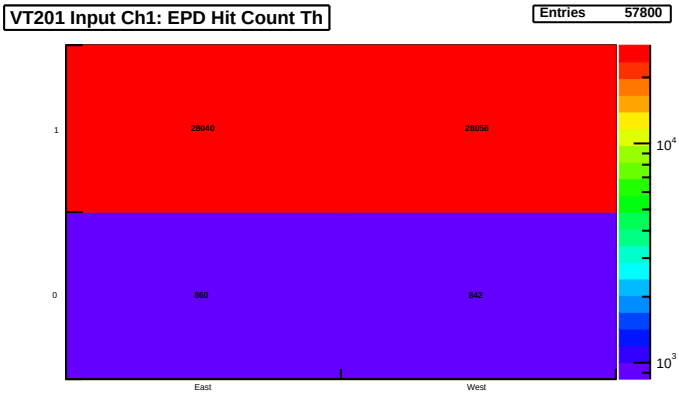

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

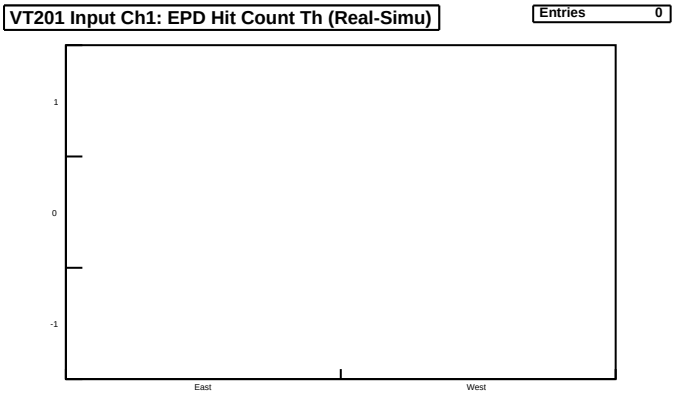

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 57800
23628
24378
5272
4522
East
West

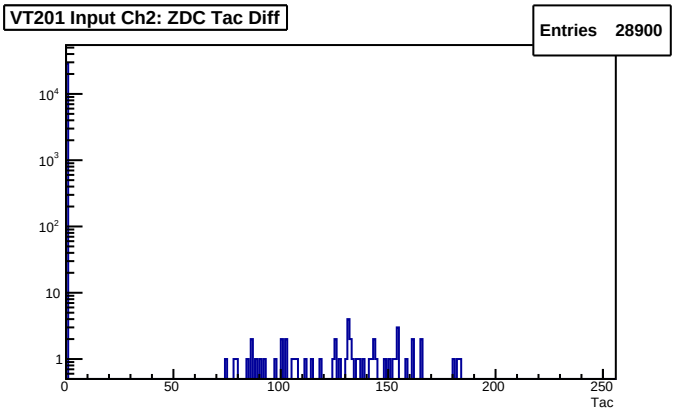

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

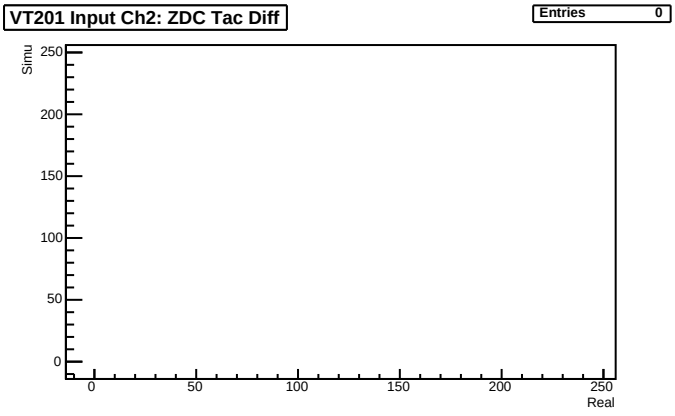

VT201 Input Ch1: EPD Tac Diff
Entries 28900
Tac

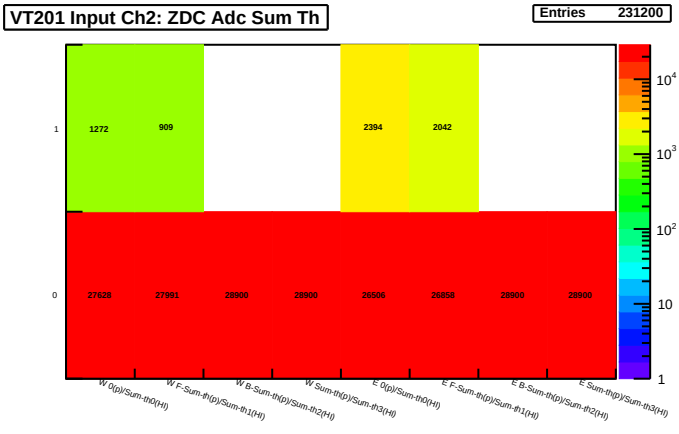

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

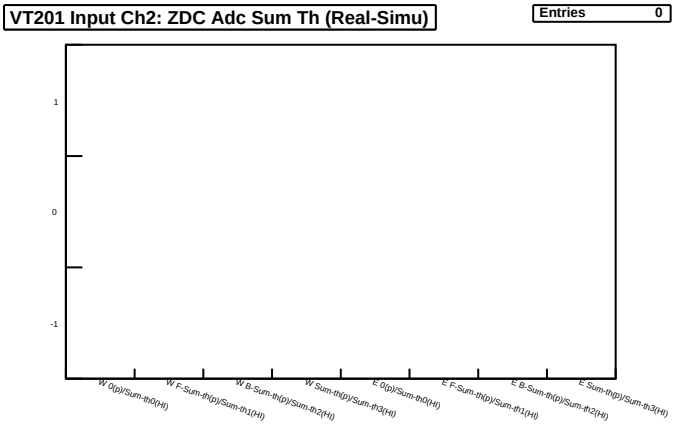

VT201 Input Ch1: EPD Hit Count Th
Entries 57800
28040
28058
860
842
East
West

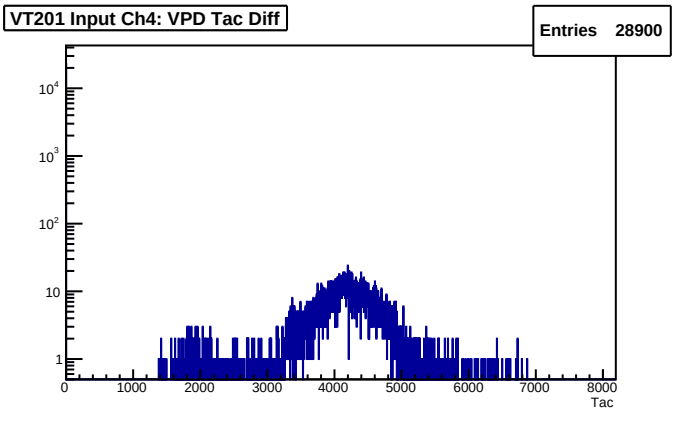

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

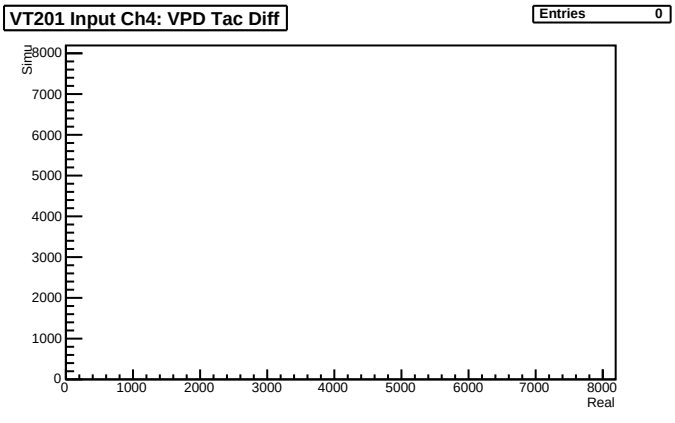

VT201 Input Ch2: ZDC Tac Diff
Entries 28900
Tac

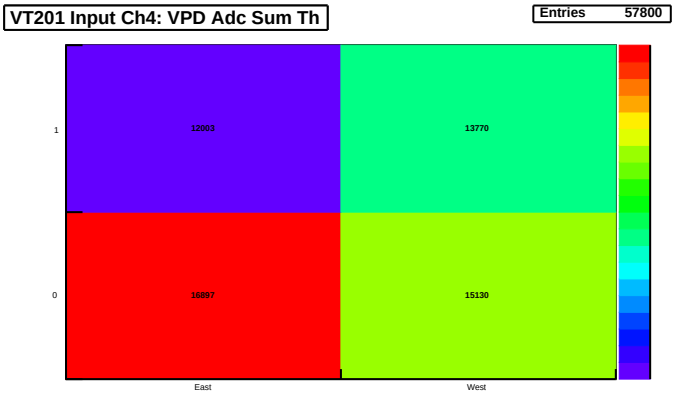

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

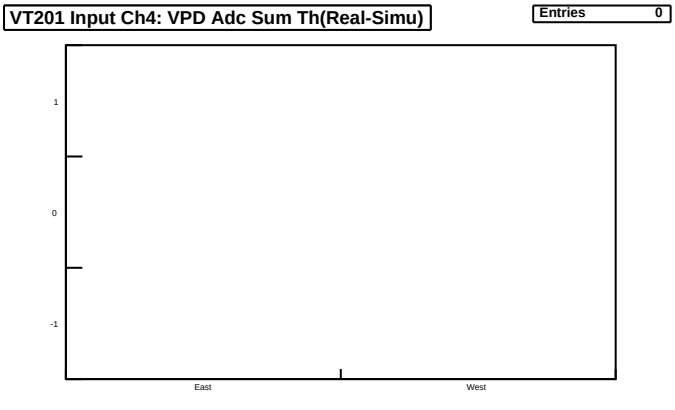

VT201 Input Ch2: ZDC Adc Sum Th
Entries 231200
1272
909
2394
2042
27628
27991
28900
28900
26506
26858
28900
28900
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

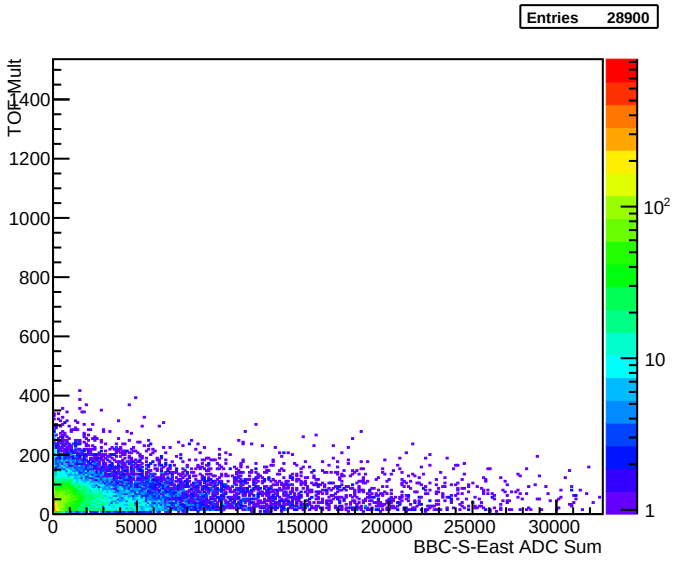

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

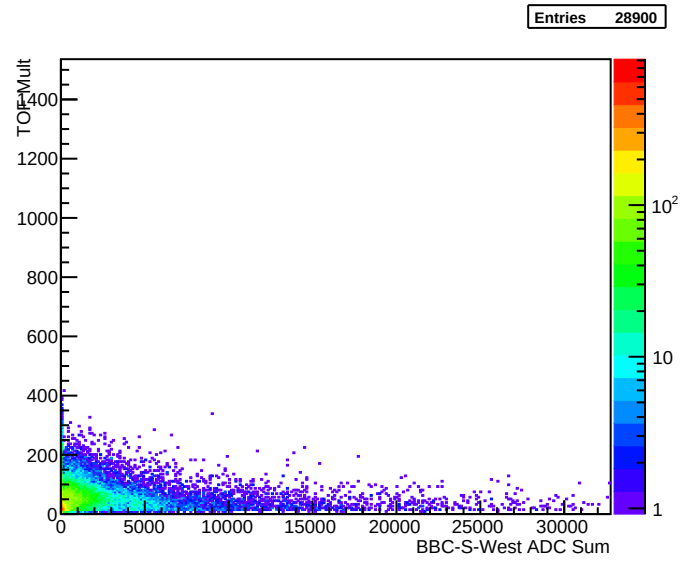

VT201 Input Ch4: VPD Tac Diff
Entries 28900
Tac

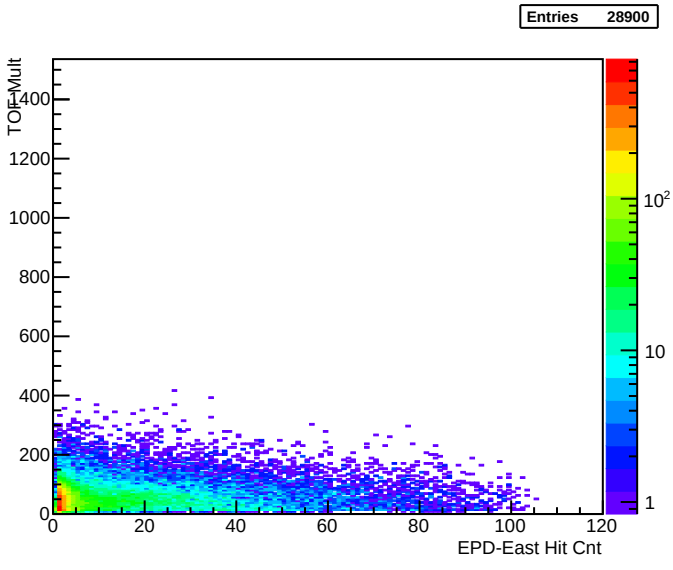

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

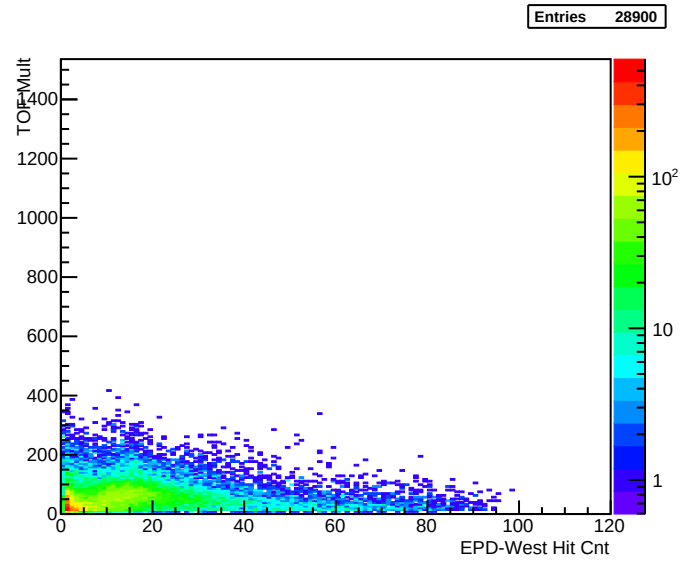

VT201 Input Ch4: VPD Adc Sum Th
Entries 57800
12003
13770
16897
15130
East
West

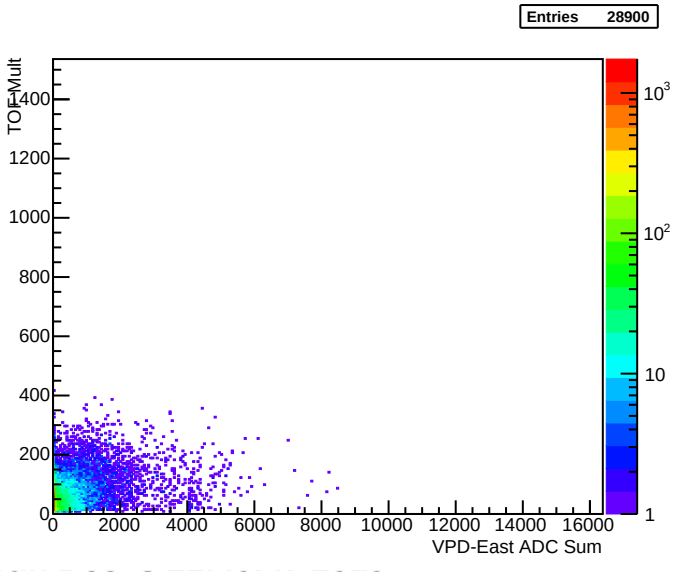

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

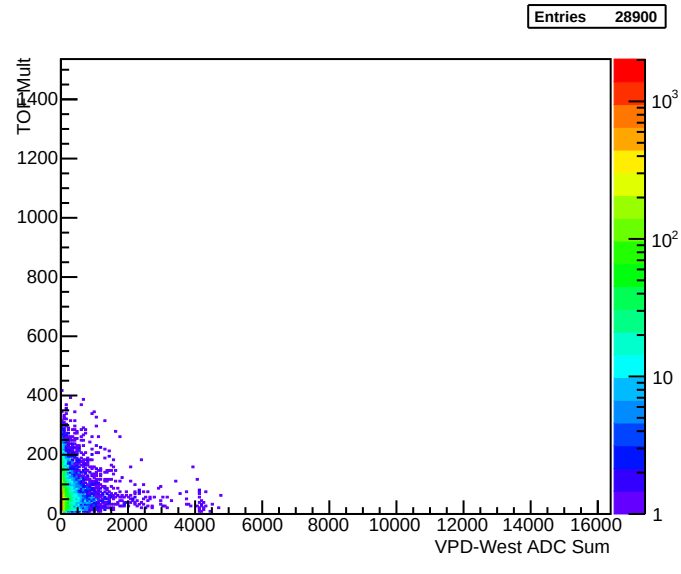

Entries 28900
TOF-Mult
BBC-S-East ADC Sum

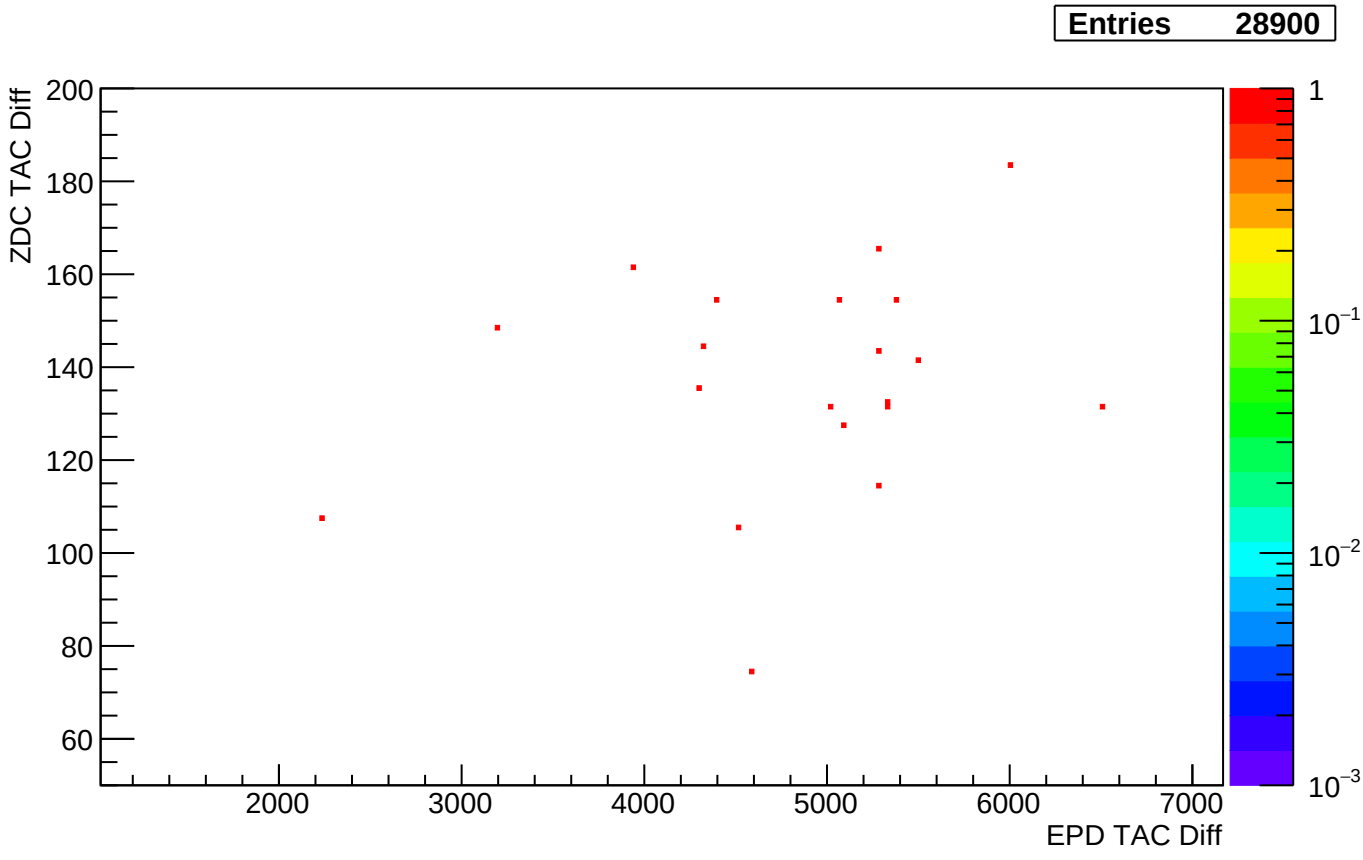

Entries 28900
TOF-Mult
BBC-S-West ADC Sum

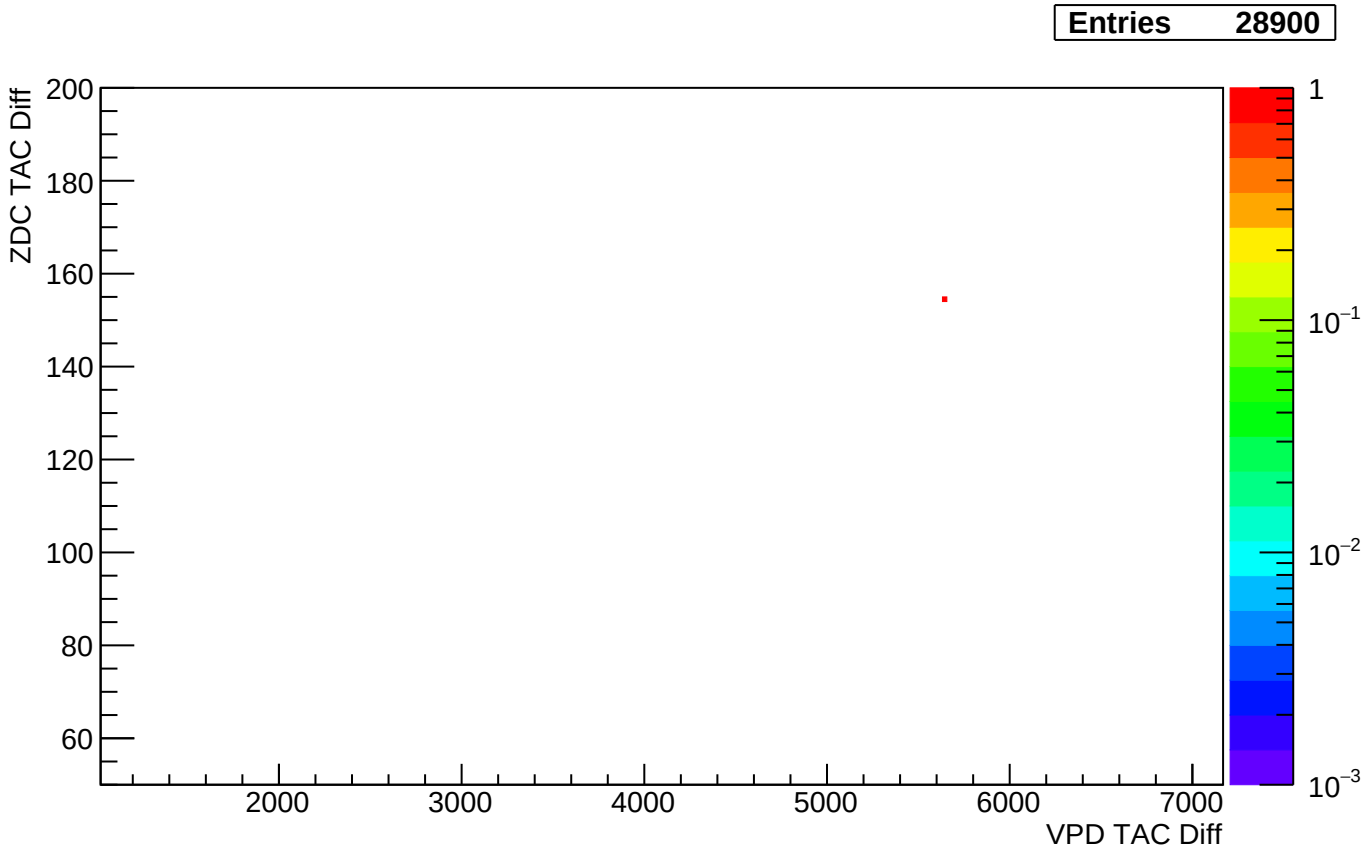

Entries 28900
TOF-Mult
EPD-East Hit Cnt

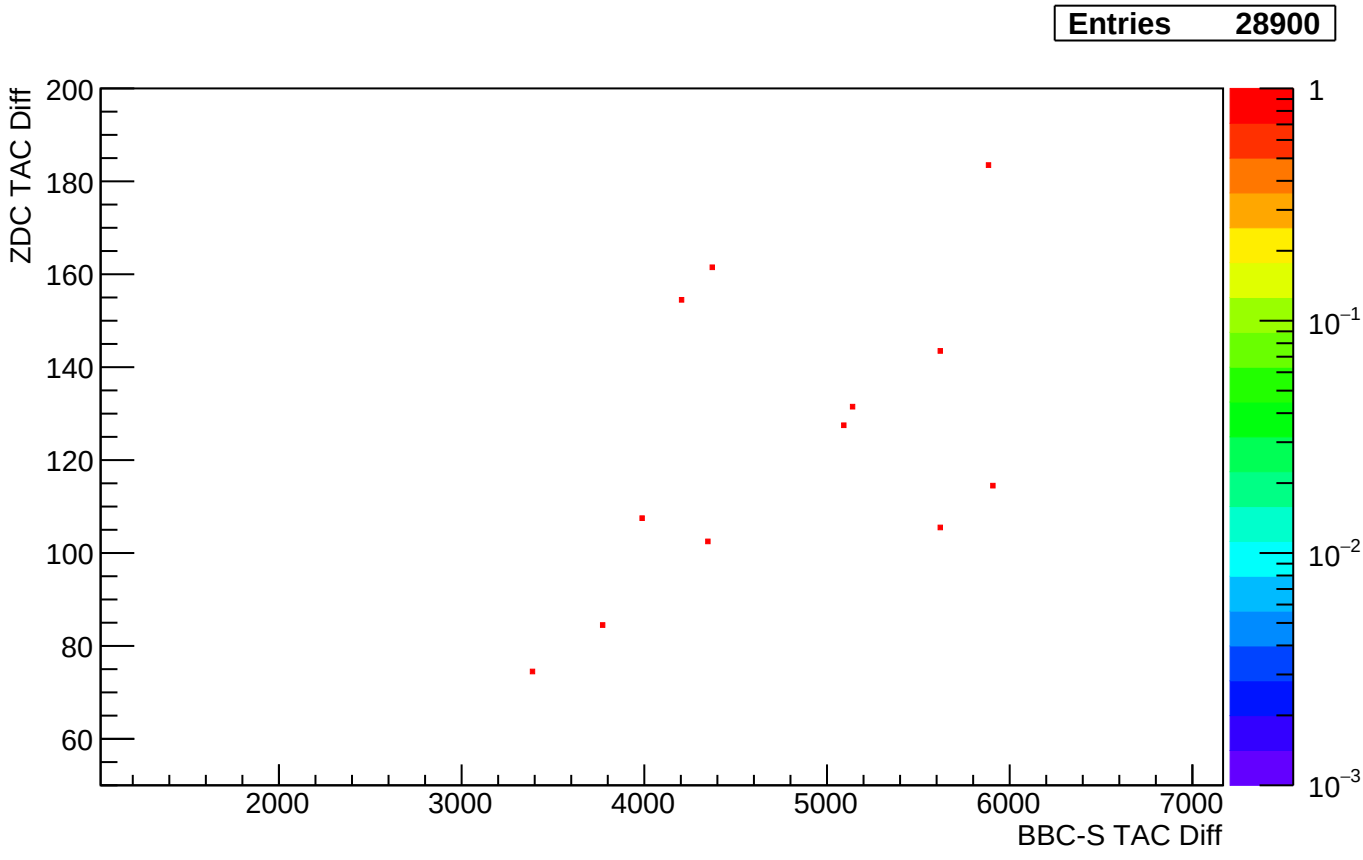

Entries 28900
TOF-Mult
EPD-West Hit Cnt

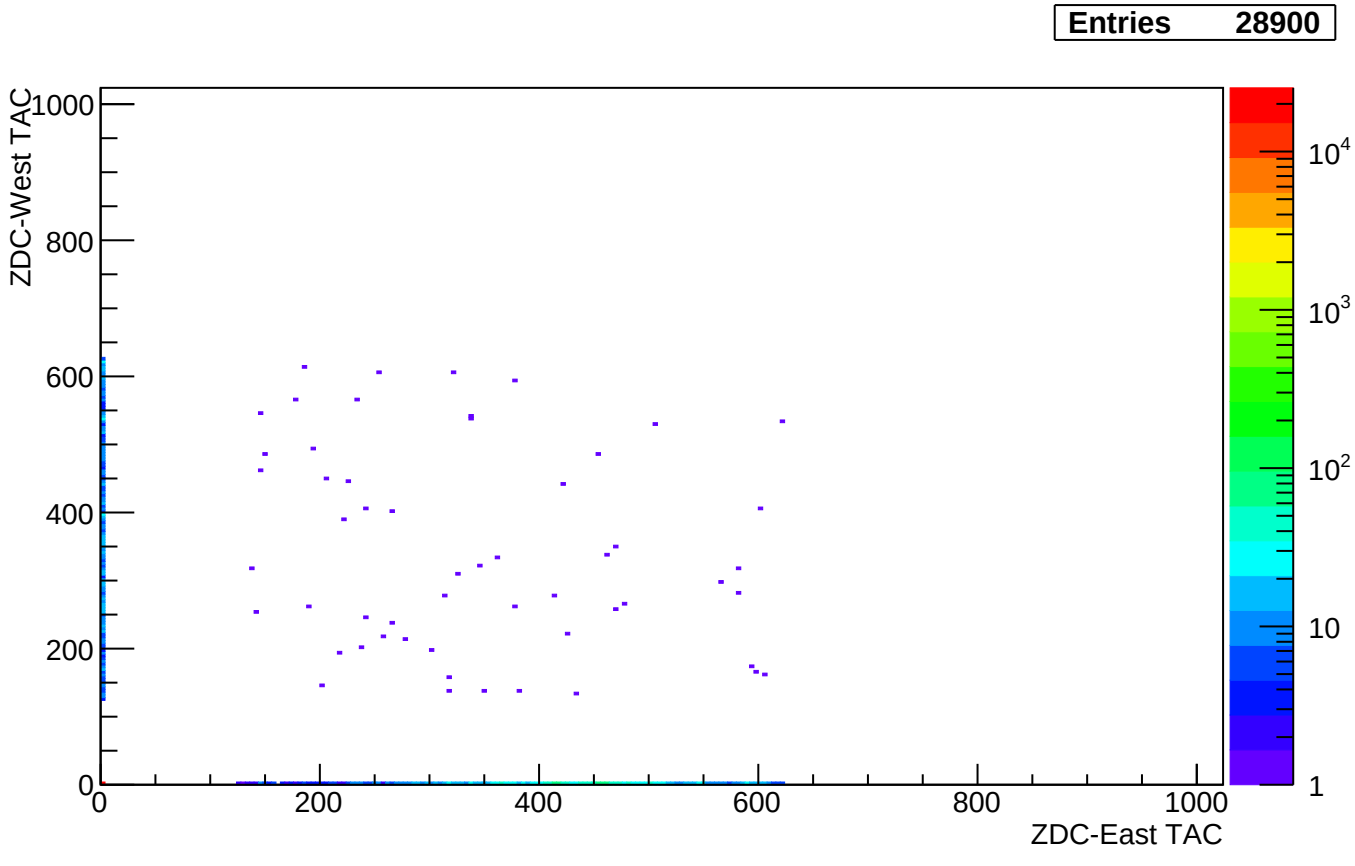

Entries 28900
TOF-Mult
VPD-East ADC Sum

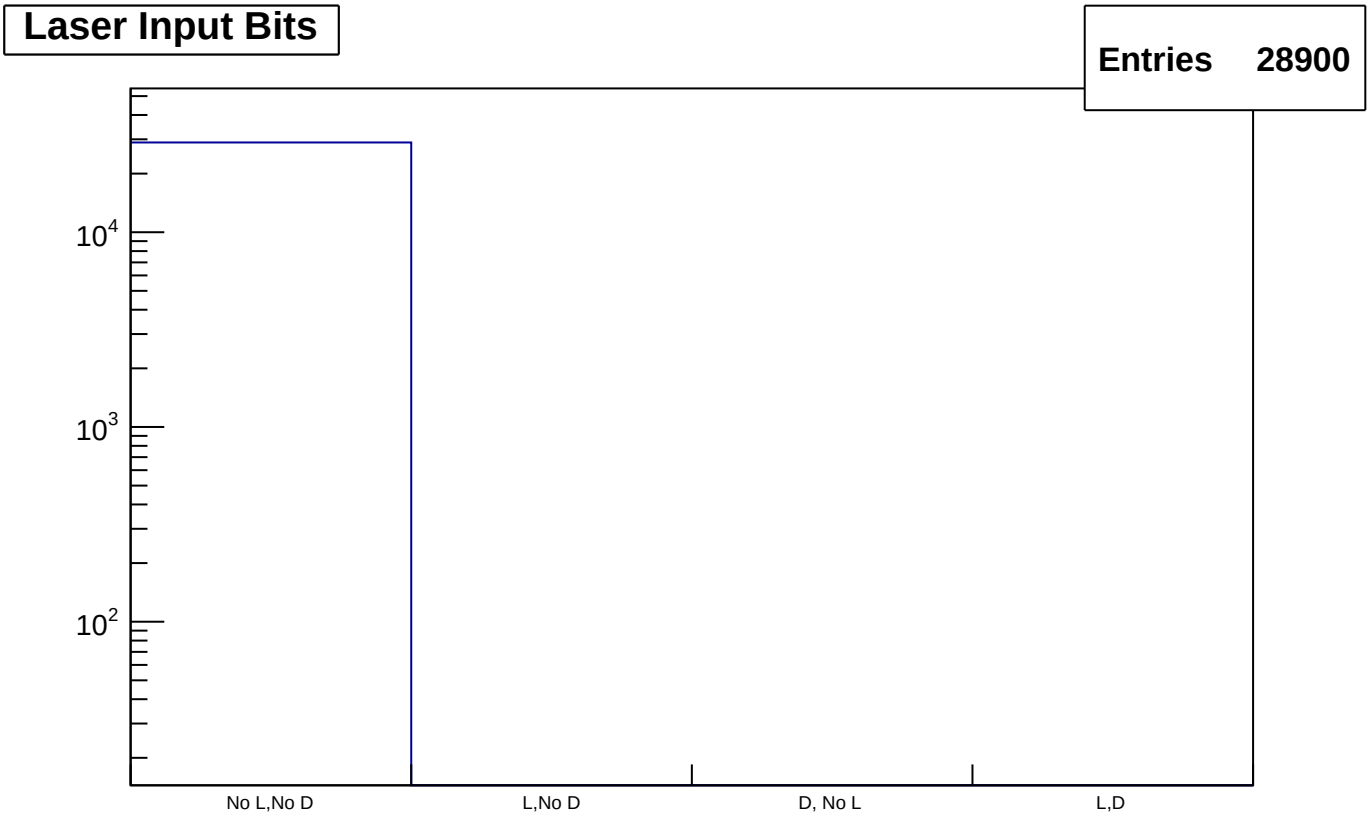

Entries 28900
TOF-Mult
VPD-West ADC Sum

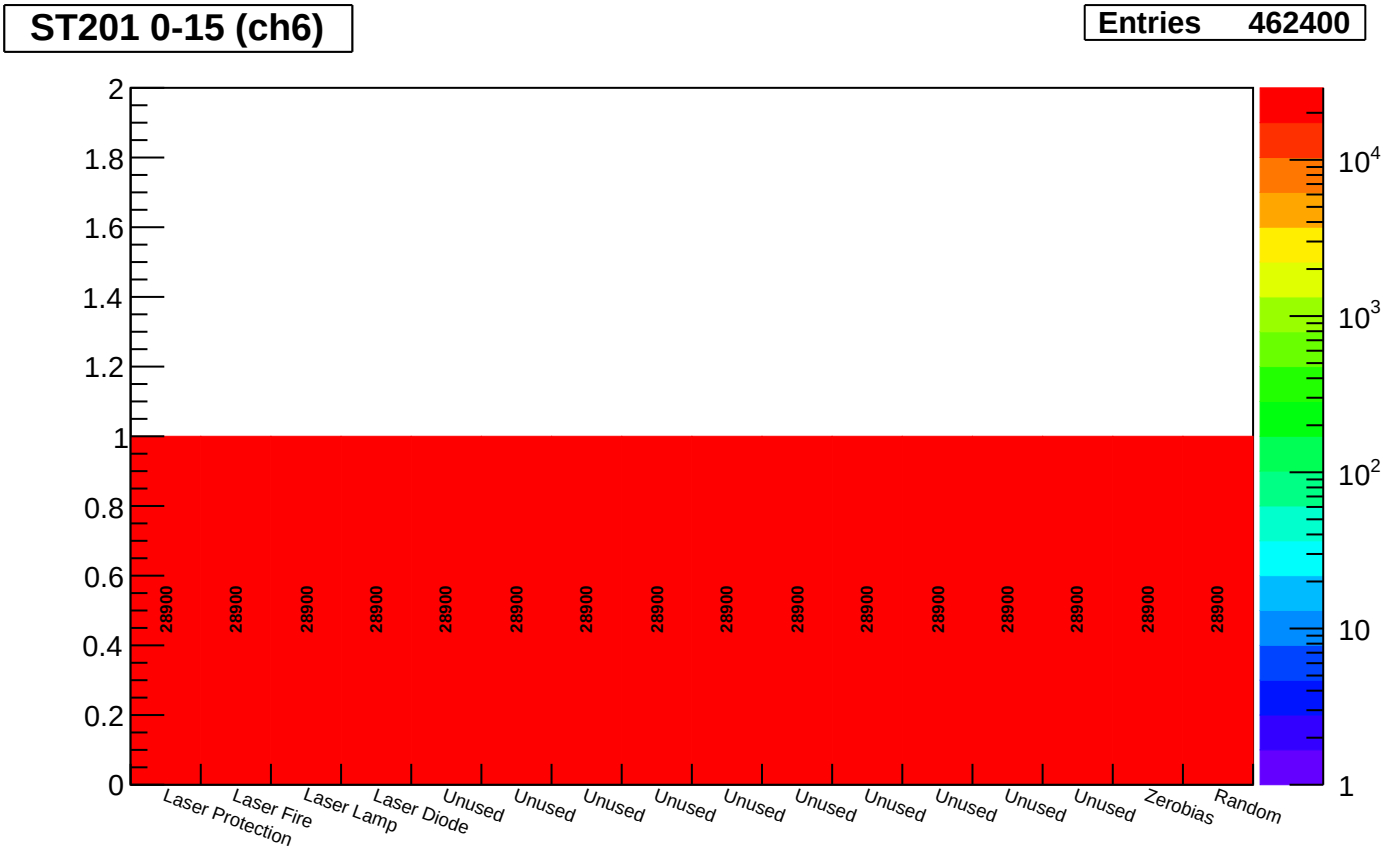

Entries 28900
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

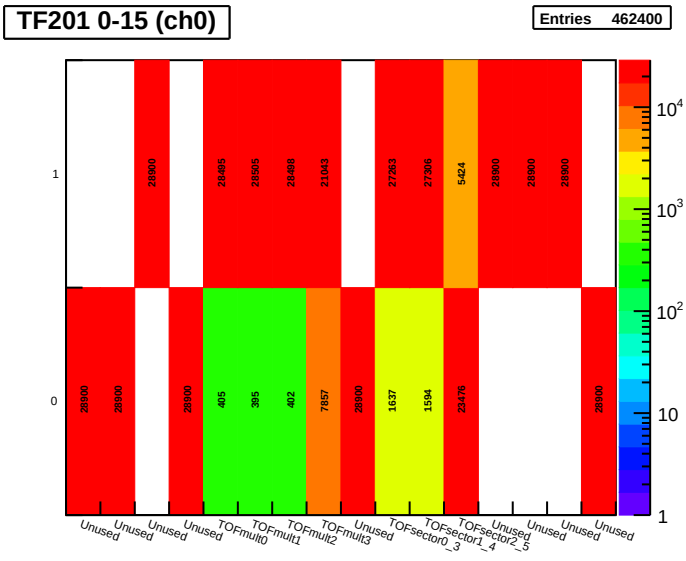

Entries 28900
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

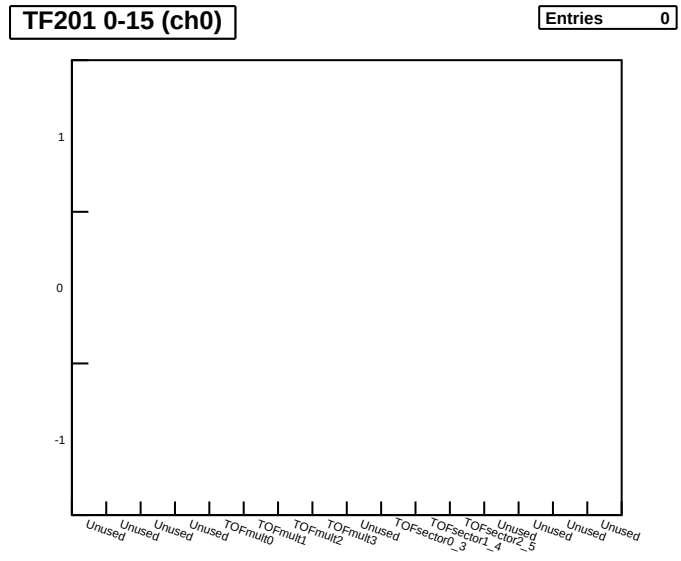

Entries 28900
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

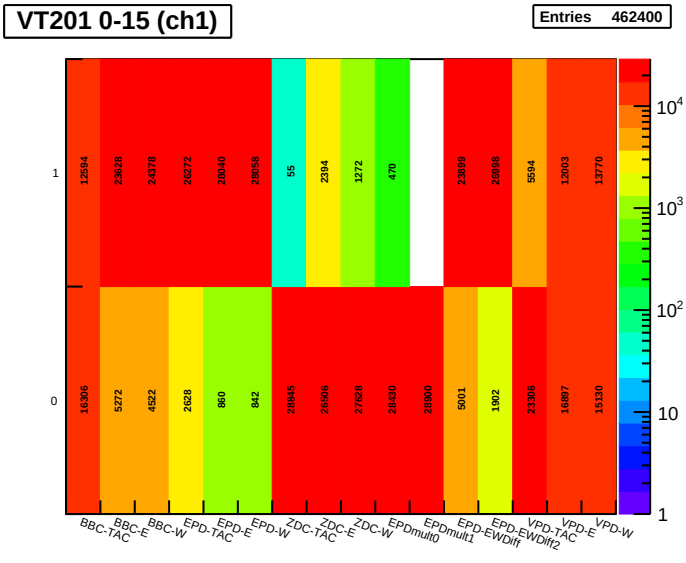

Entries 28900
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

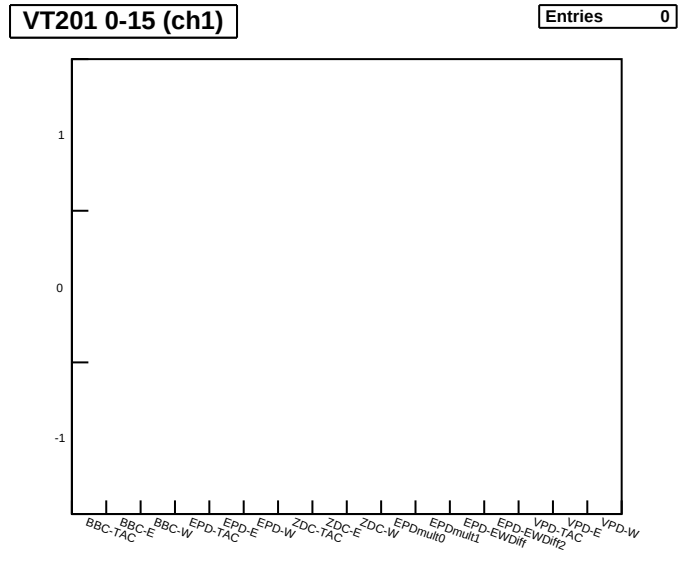

Laser Input Bits
Entries 28900
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

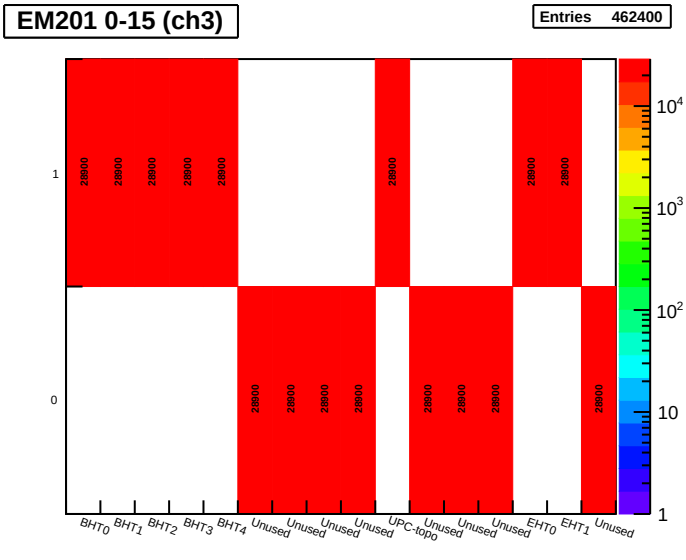

ST201 0-15 (ch6)
Entries 462400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
28900
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

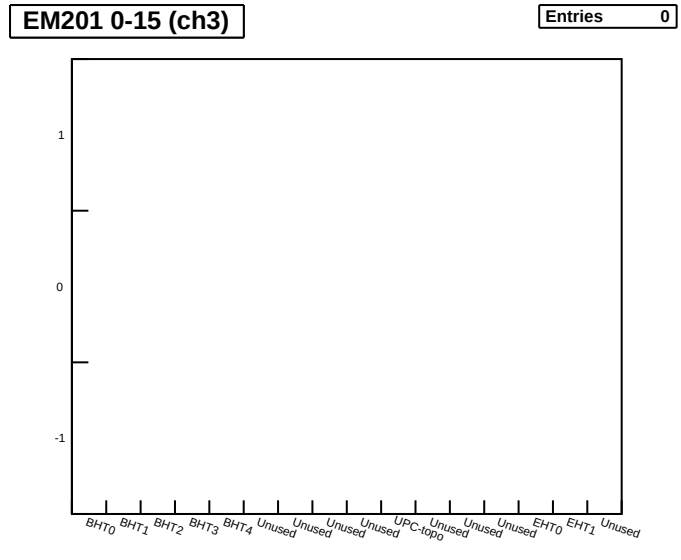

TF201 0-15 (ch0)
Entries 462400
1
0
28900
28495
28505
28488
21043
27253
27306
5424
28900
28900
28900
28900
28900
28900
405
395
402
7857
28900
1637
1594
23476
28900
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 462400
1
0
12594
23628
24378
26272
28040
28058
55
2394
1272
470
23899
26998
5594
12003
13770
16306
5272
4522
2628
860
842
28845
26506
27628
28430
28900
5001
1902
23306
16897
15130
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
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 462400
1
0
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
28900
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused