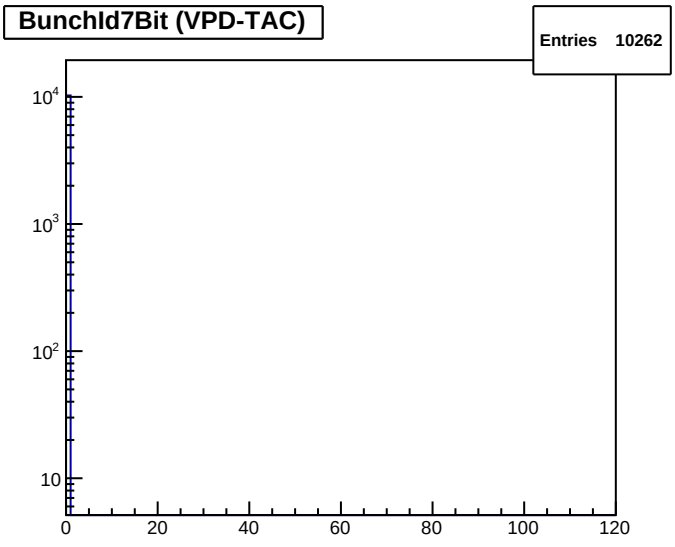
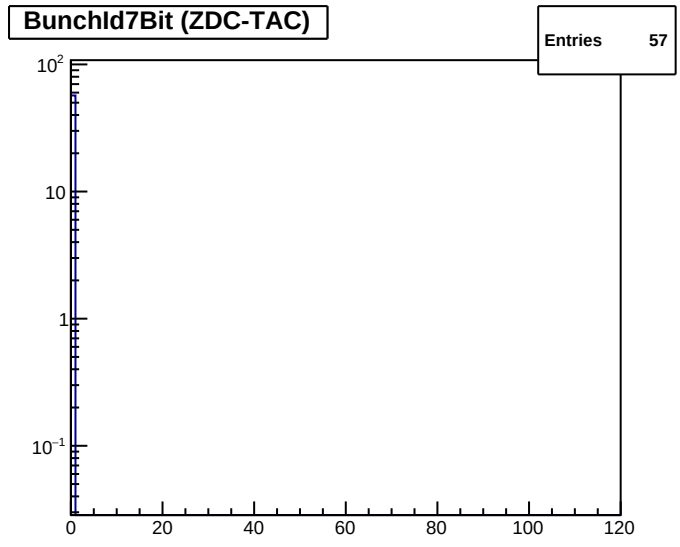
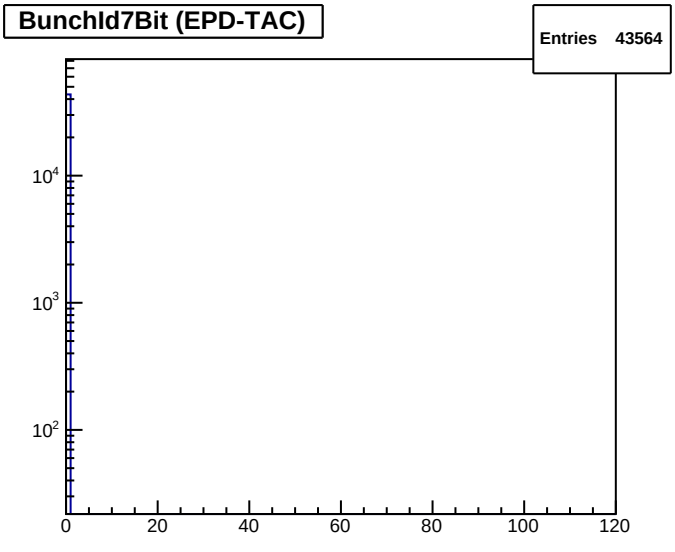
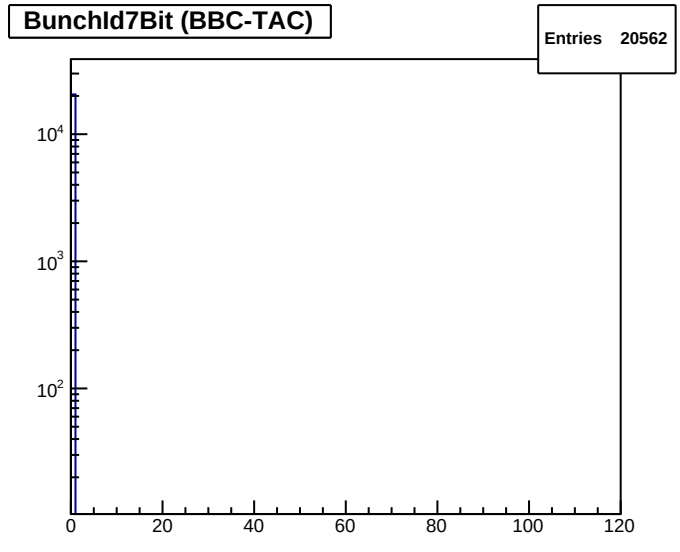
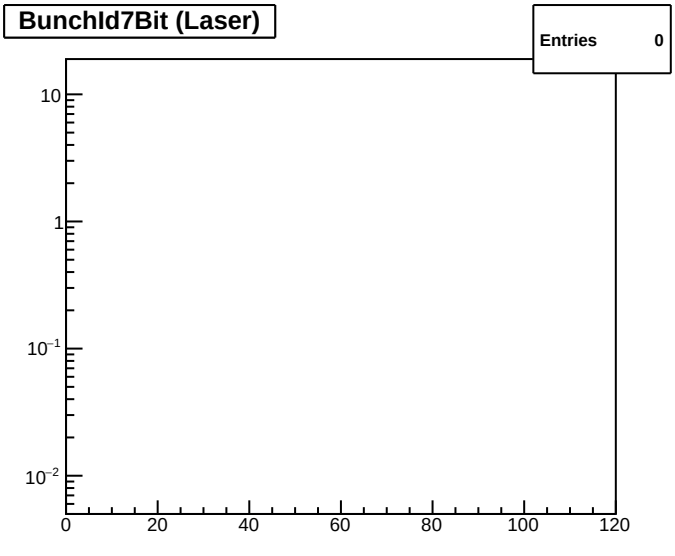
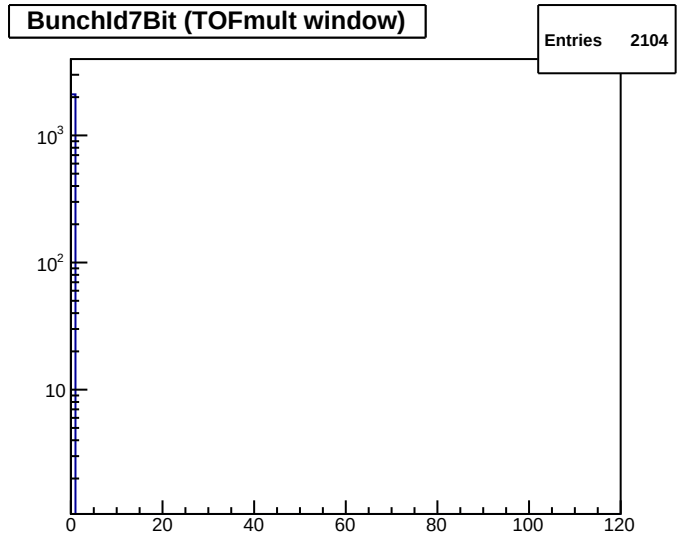

BunchId7Bit (VPD-TAC)
Entries 10262

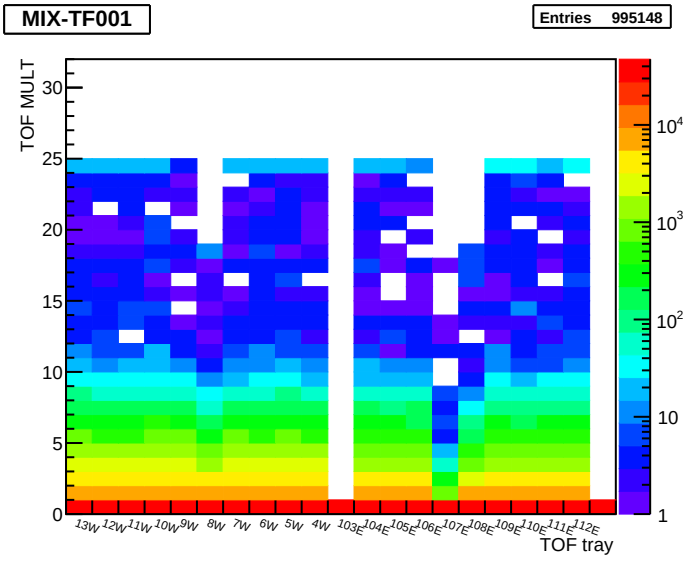

BunchId7Bit (ZDC-TAC)
Entries 57

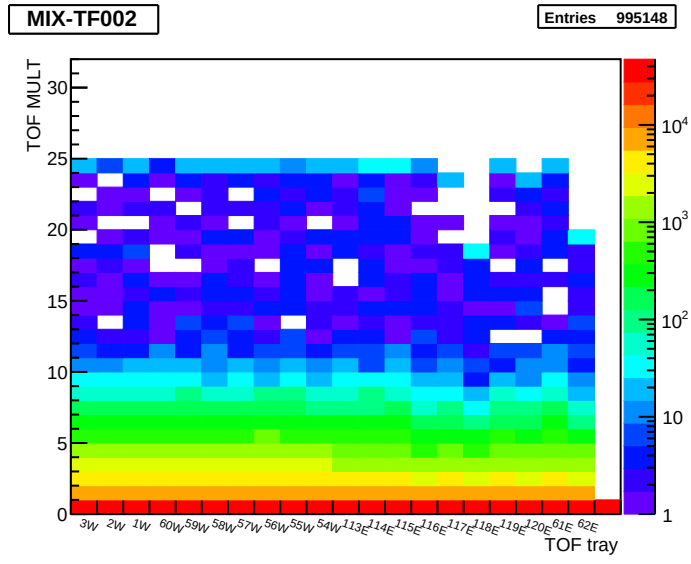

BunchId7Bit (EPD-TAC)
Entries 43564

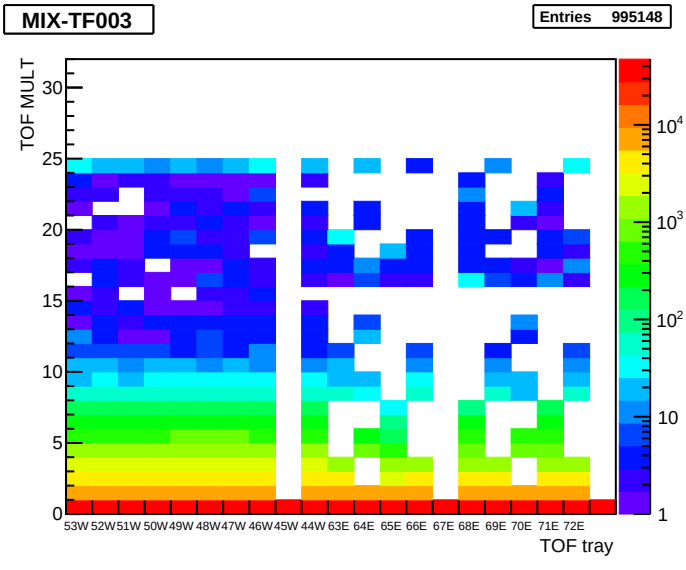

BunchId7Bit (BBC-TAC)
Entries 20562

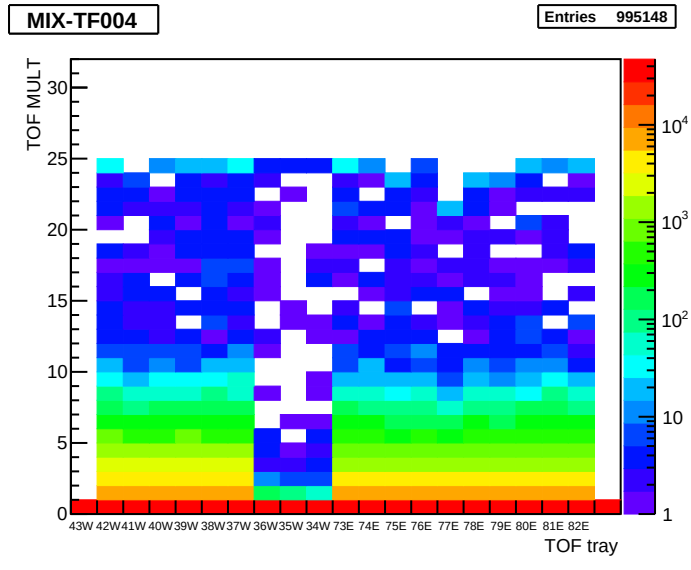

BunchId7Bit (Laser)
Entries 0

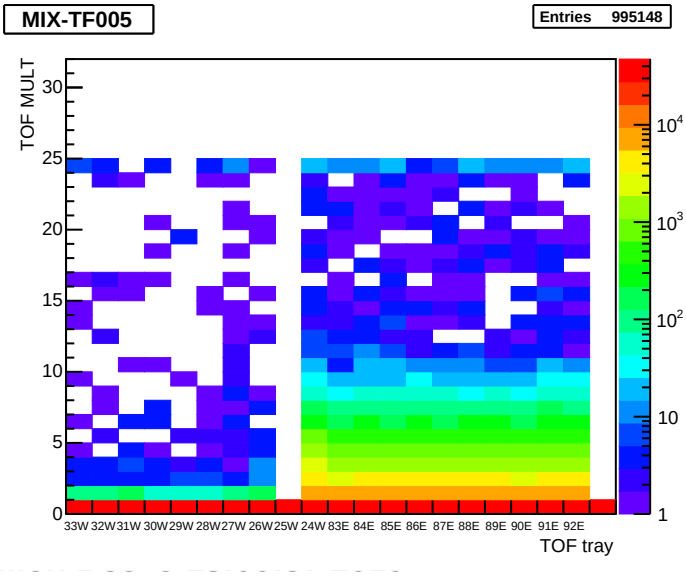

BunchId7Bit (TOFmult window)
Entries 2104

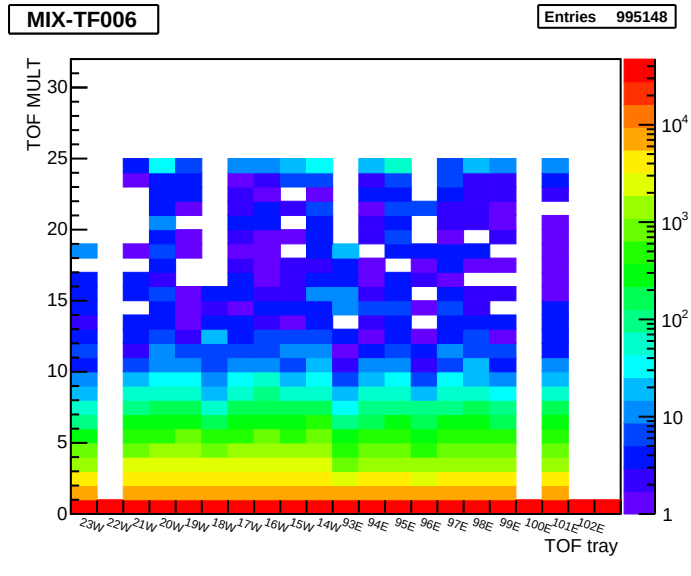

MIX-TF001
Entries 995148
TOF MULT
TOF tray

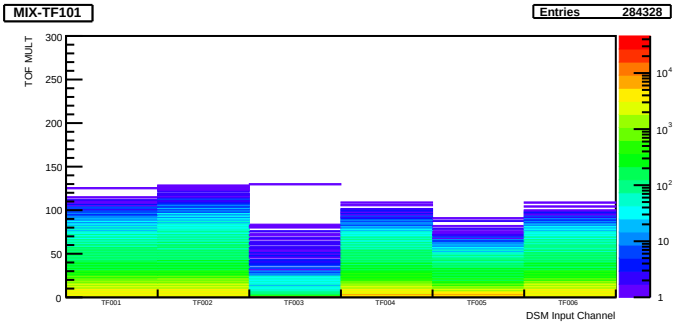

MIX-TF002
Entries 995148
TOF MULT
TOF tray

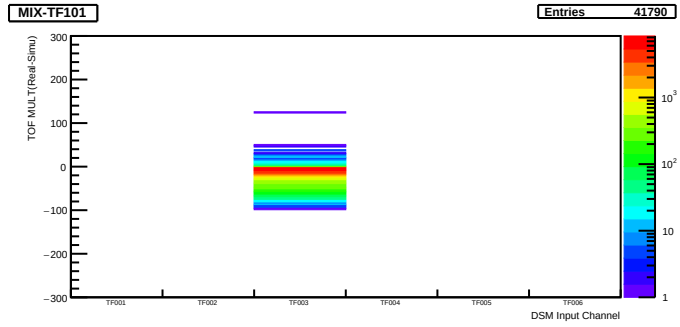

MIX-TF003
Entries 995148
TOF MULT
TOF tray

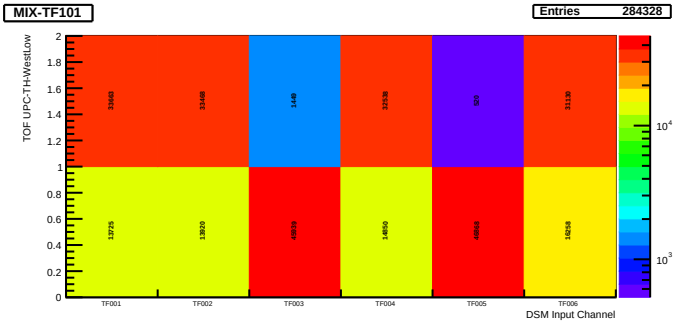

MIX-TF004
Entries 995148
TOF MULT
TOF tray

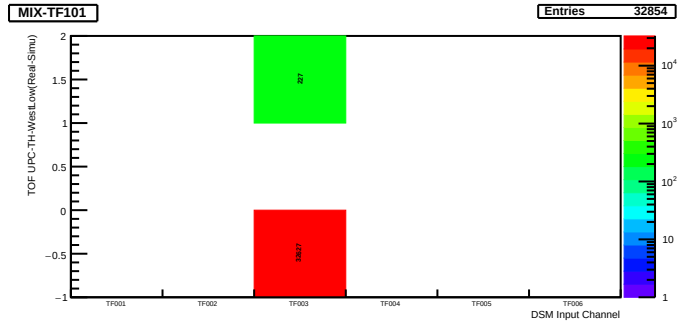

MIX-TF005
Entries 995148
TOF MULT
TOF tray

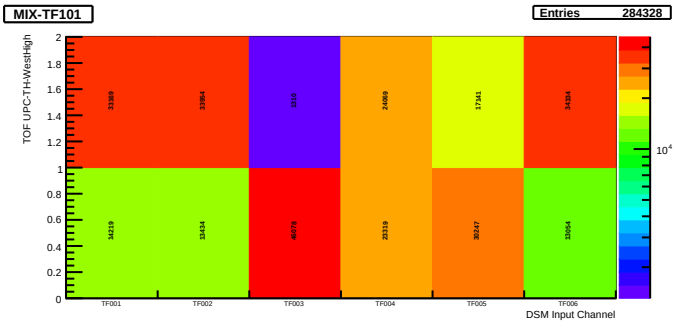

MIX-TF006
Entries 995148
TOF MULT
TOF tray

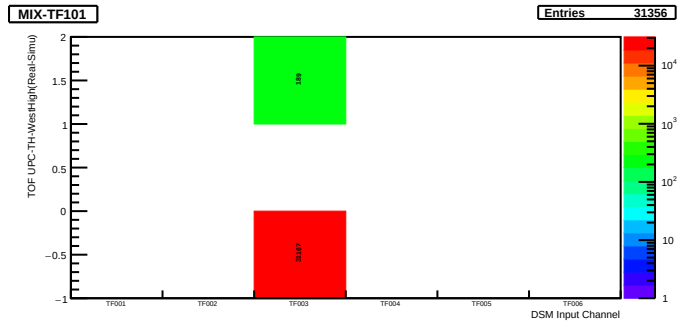

MIX-TF101
Entries 284328
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

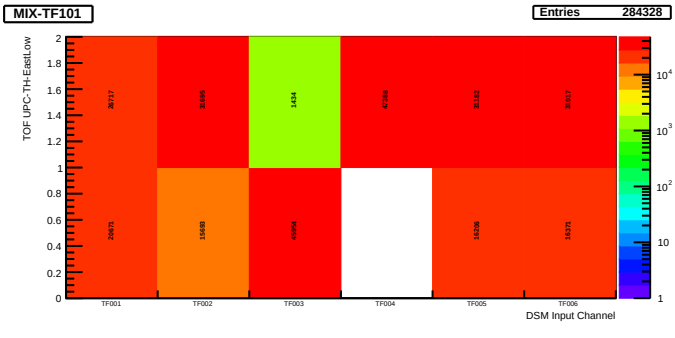

MIX-TF101
Entries 41790
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

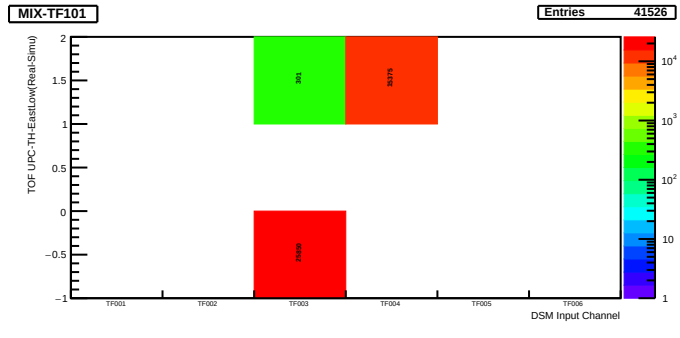

MIX-TF101
Entries 284328
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

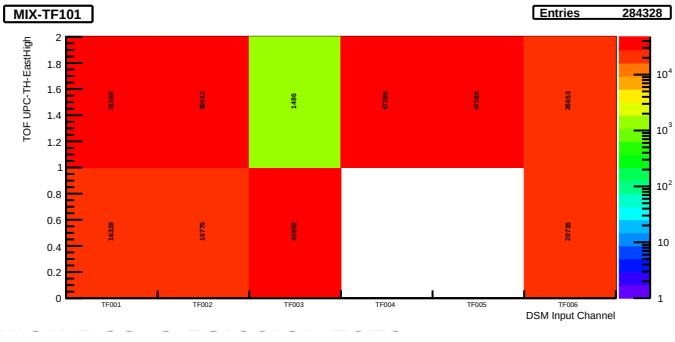

MIX-TF101
Entries 32854
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

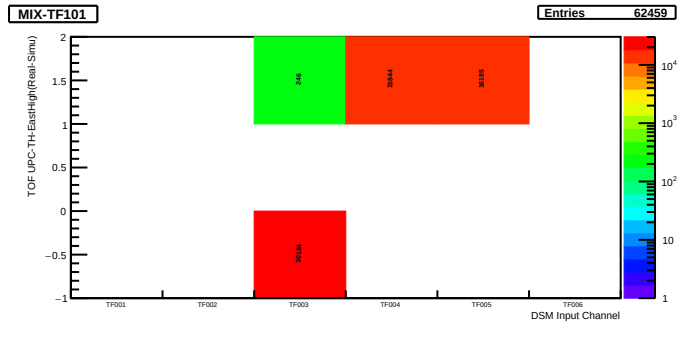

MIX-TF101
Entries 284328
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

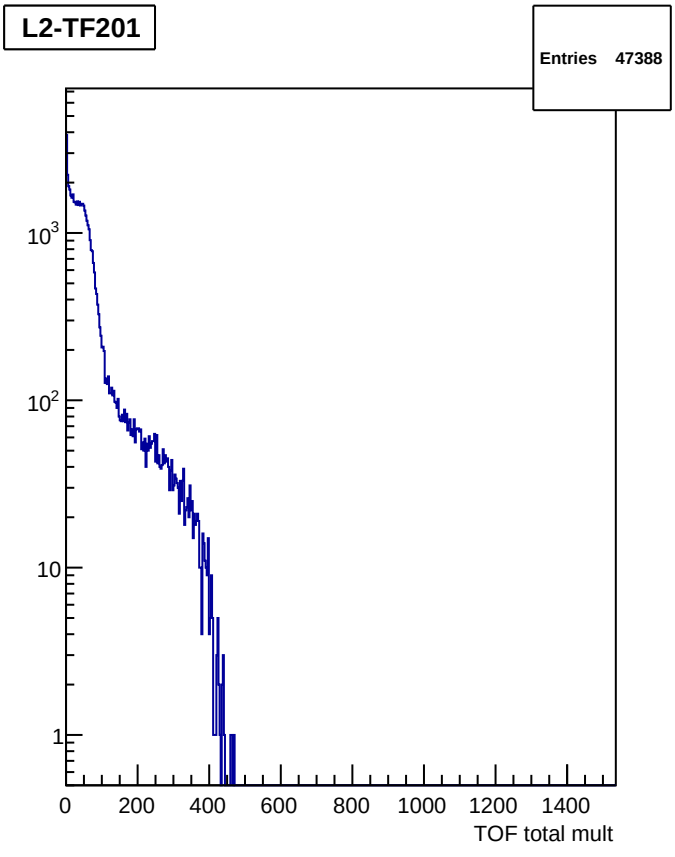

MIX-TF101
Entries 31356
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

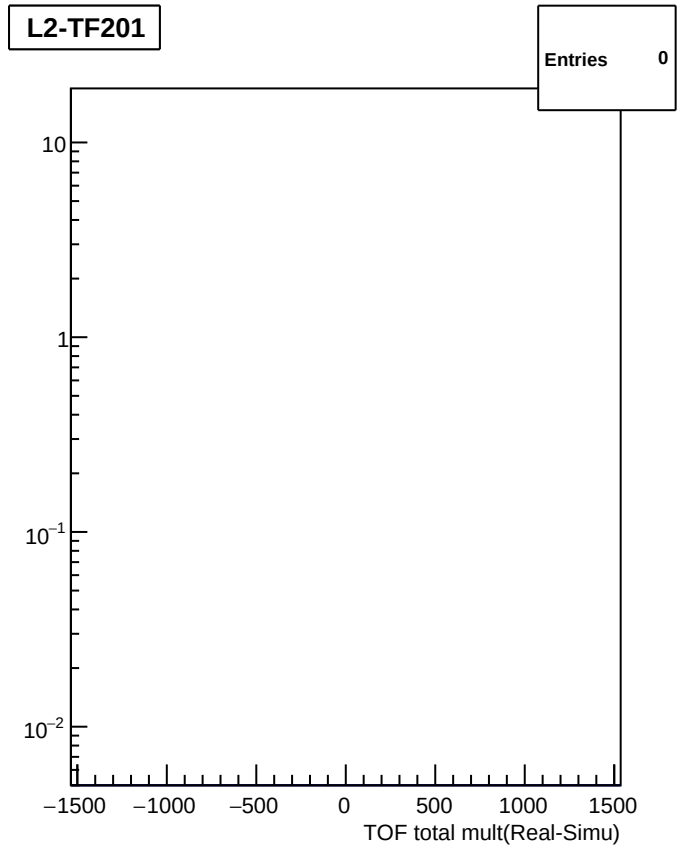

MIX-TF101
Entries 284328
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

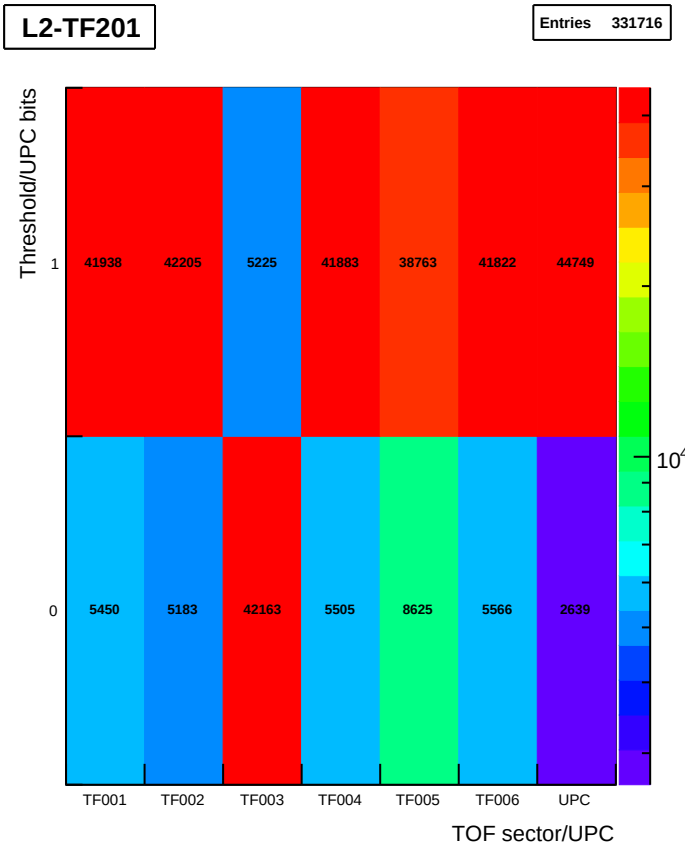

MIX-TF101
Entries 41526
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

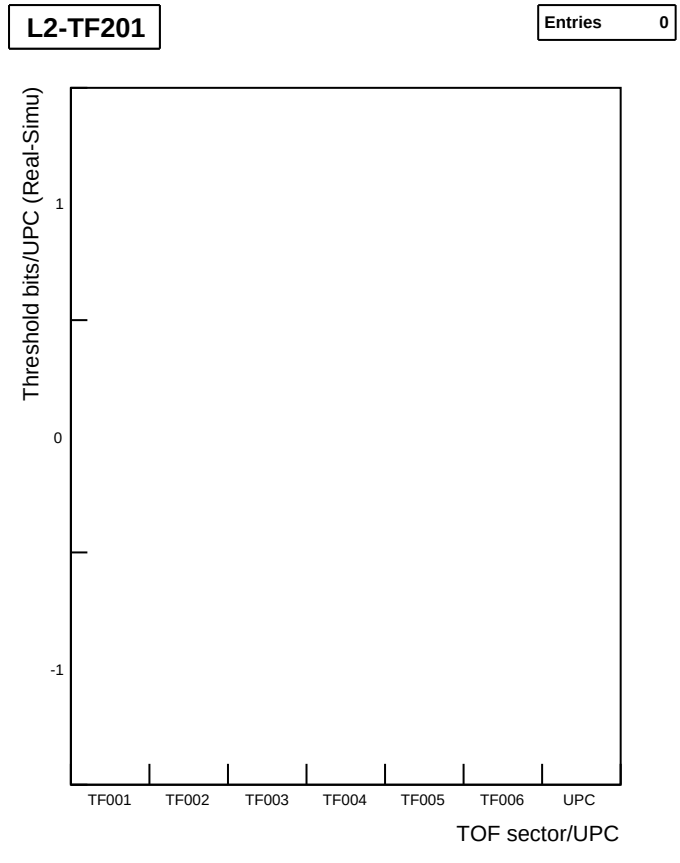

MIX-TF101
Entries 284328
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

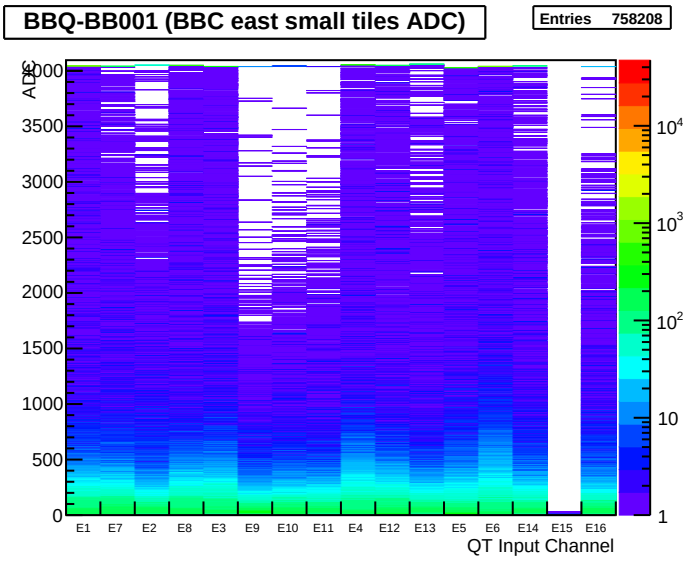

MIX-TF101
Entries 62459
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

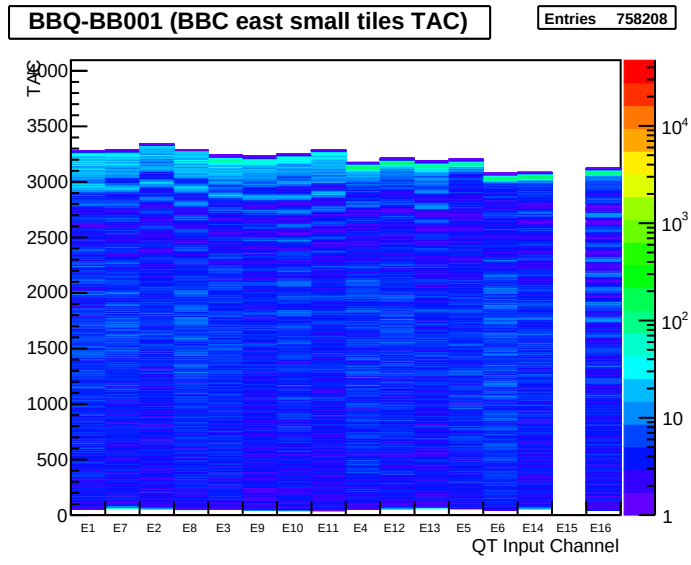

L2-TF201
Entries 47388
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

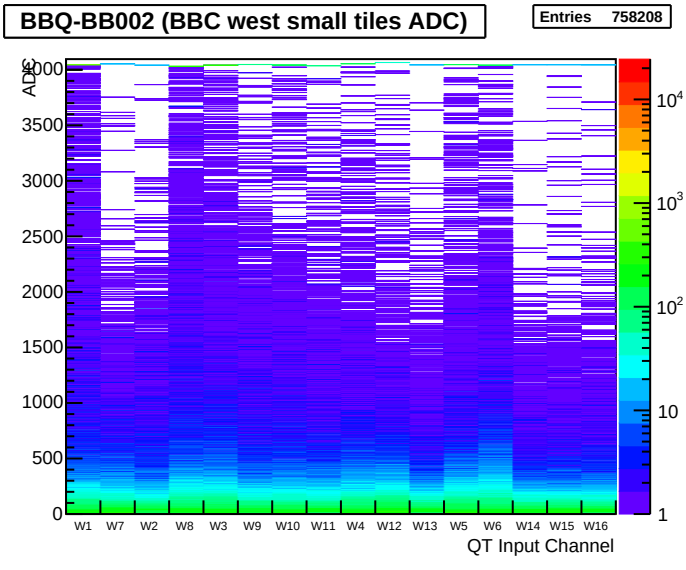

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

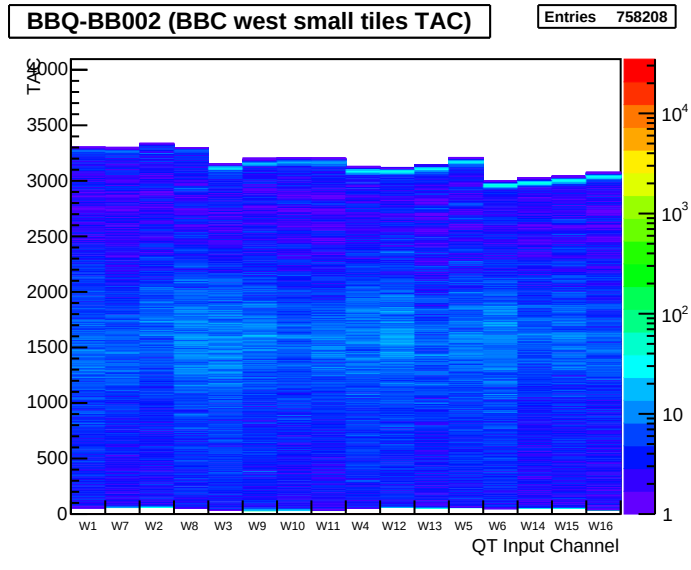

L2-TF201
Entries 331716
Threshold/UPC bits
1
0
41938
42205
5225
41883
38763
41822
44749
5450
5183
42163
5505
8625
5566
2639
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

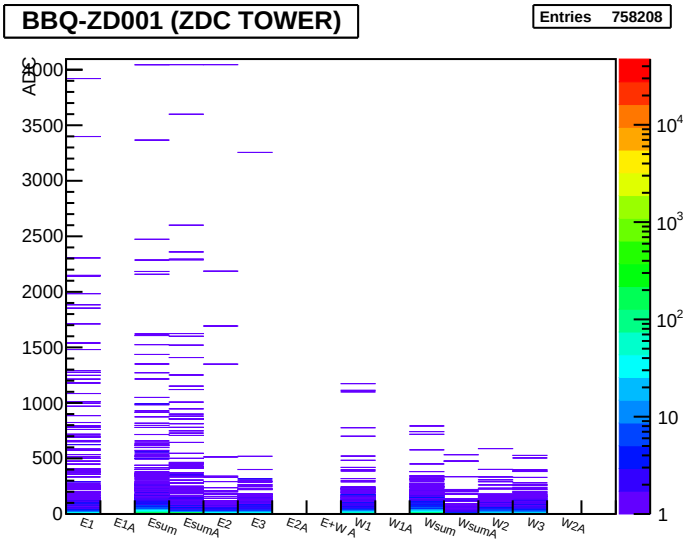

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

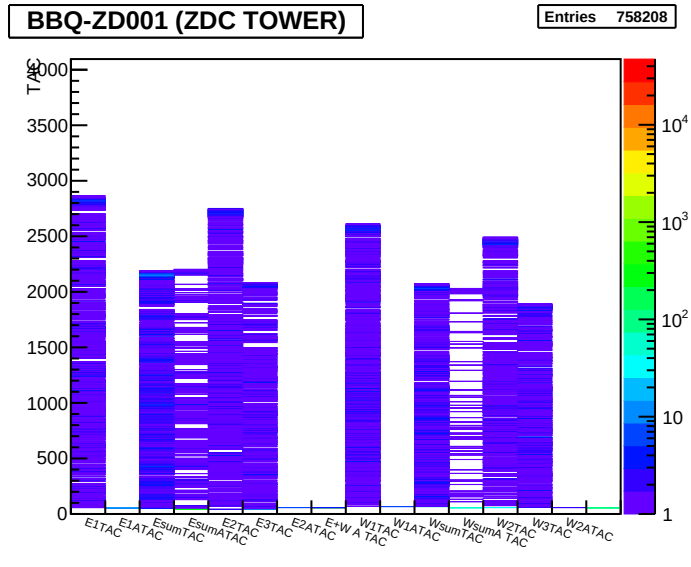

BBQ-BB001 (BBC east small tiles ADC)
Entries 758208
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

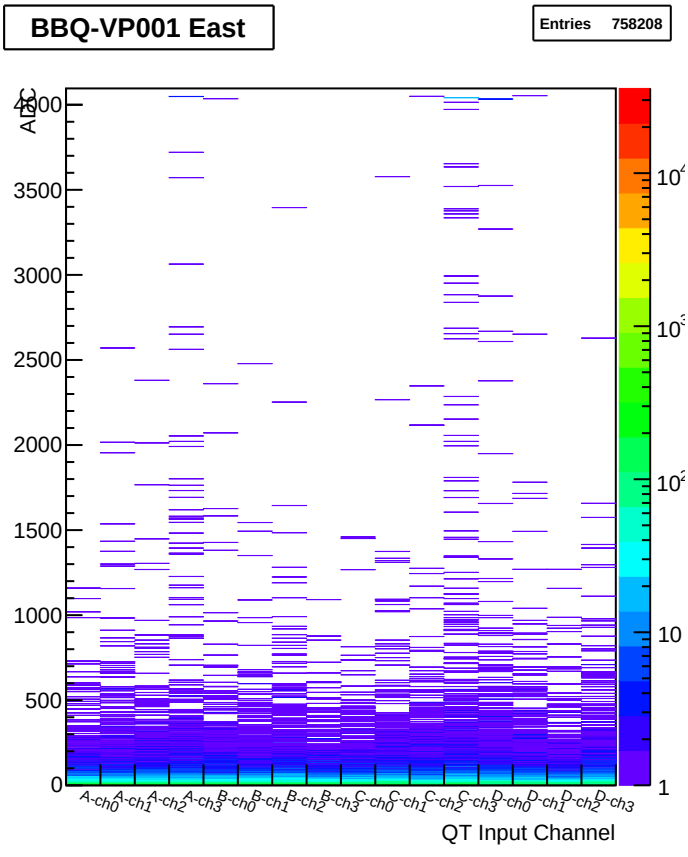

BBQ-BB001 (BBC east small tiles TAC)
Entries 758208
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

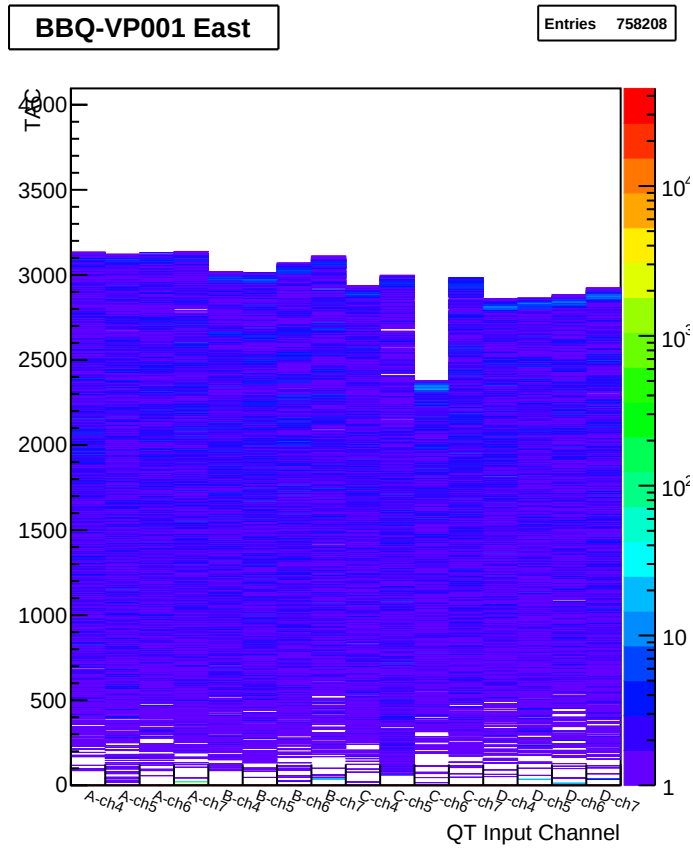

BBQ-BB002 (BBC west small tiles ADC)
Entries 758208
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

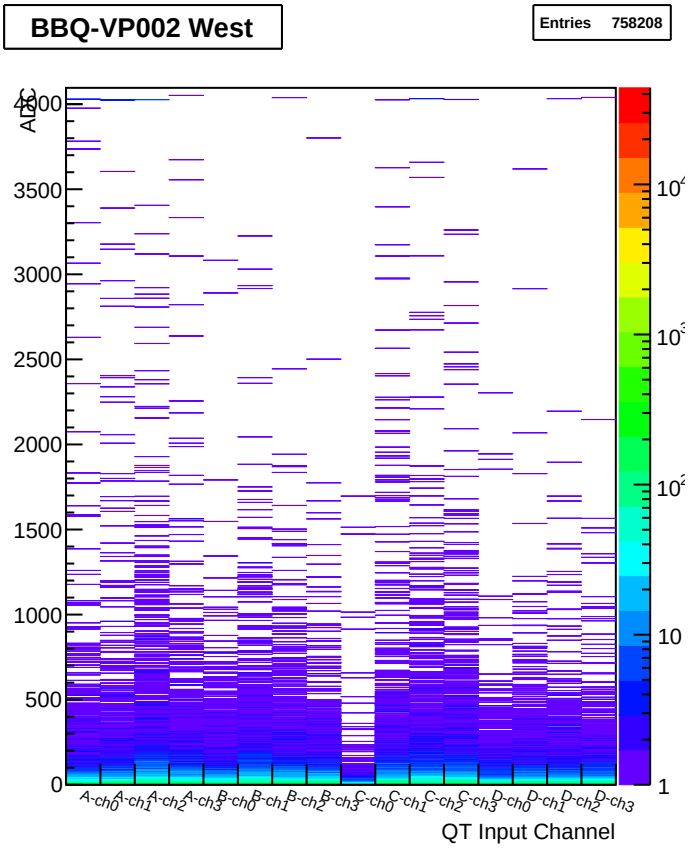

BBQ-BB002 (BBC west small tiles TAC)
Entries 758208
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

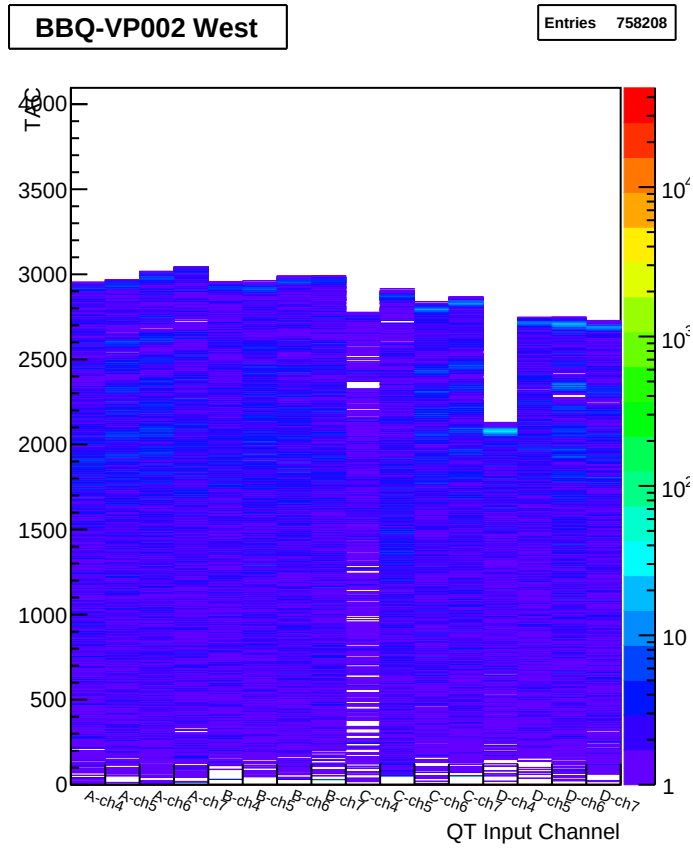

BBQ-ZD001 (ZDC TOWER)
Entries 758208
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

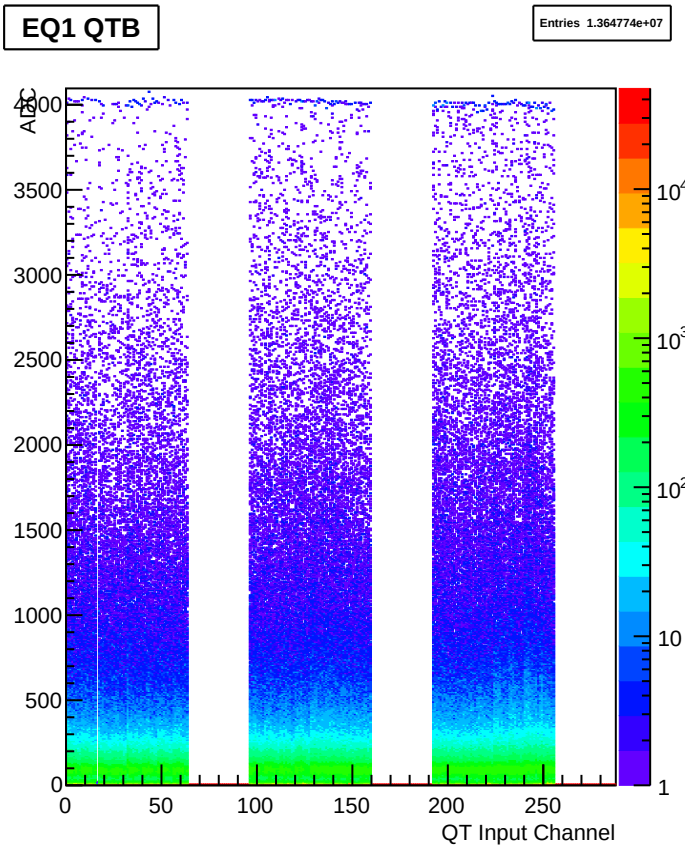

BBQ-ZD001 (ZDC TOWER)
Entries 758208
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

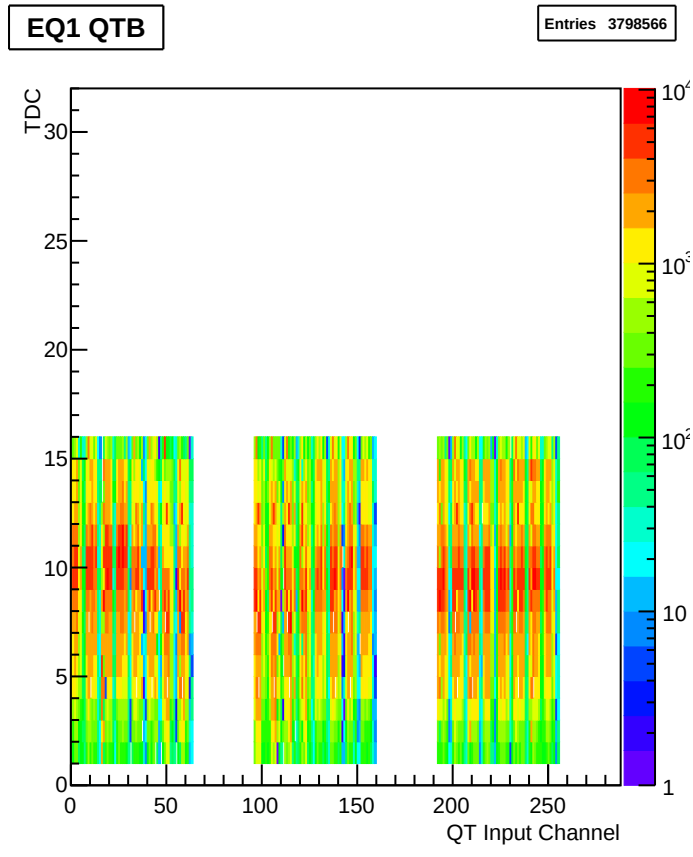

BBQ-VP001 East
Entries 758208
ADC
QT Input Channel

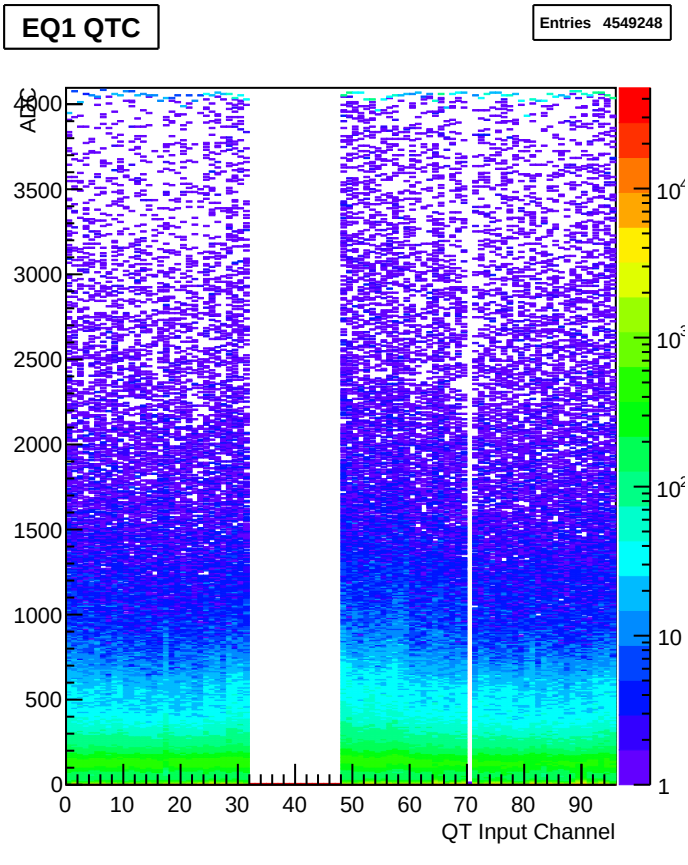

BBQ-VP001 East
Entries 758208
TADC
QT Input Channel

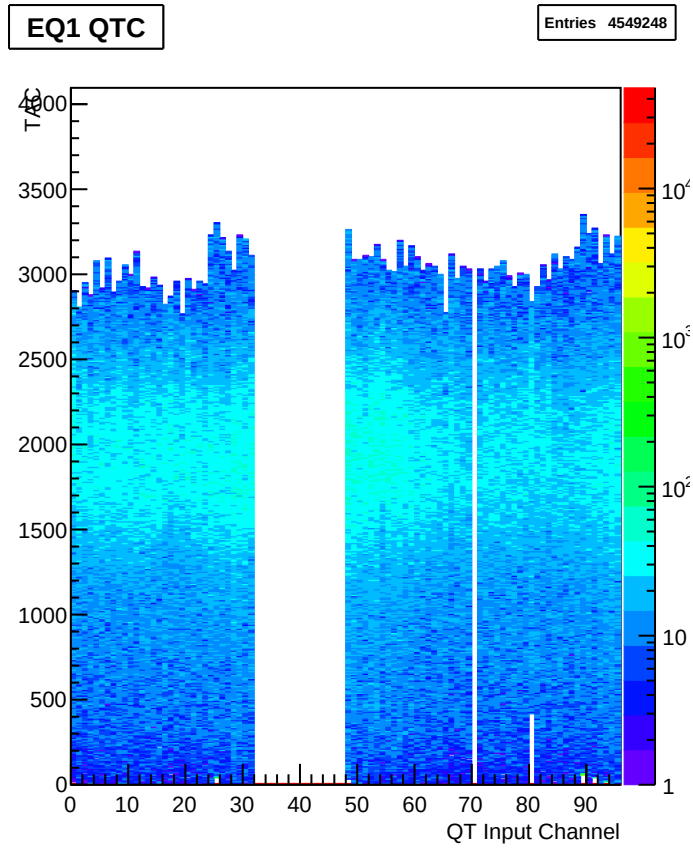

BBQ-VP002 West
Entries 758208
ADC
QT Input Channel

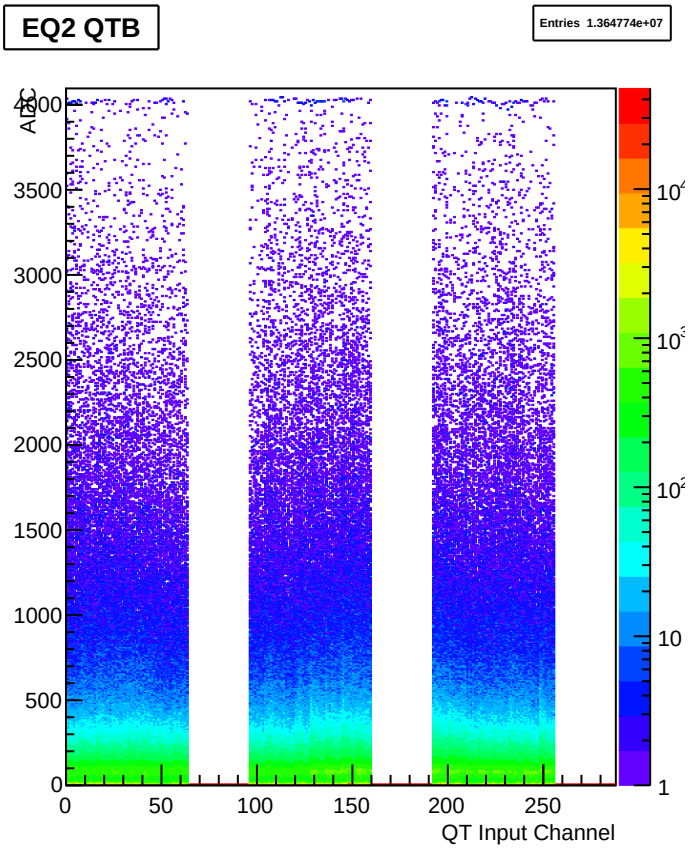

BBQ-VP002 West
Entries 758208
TADC
QT Input Channel

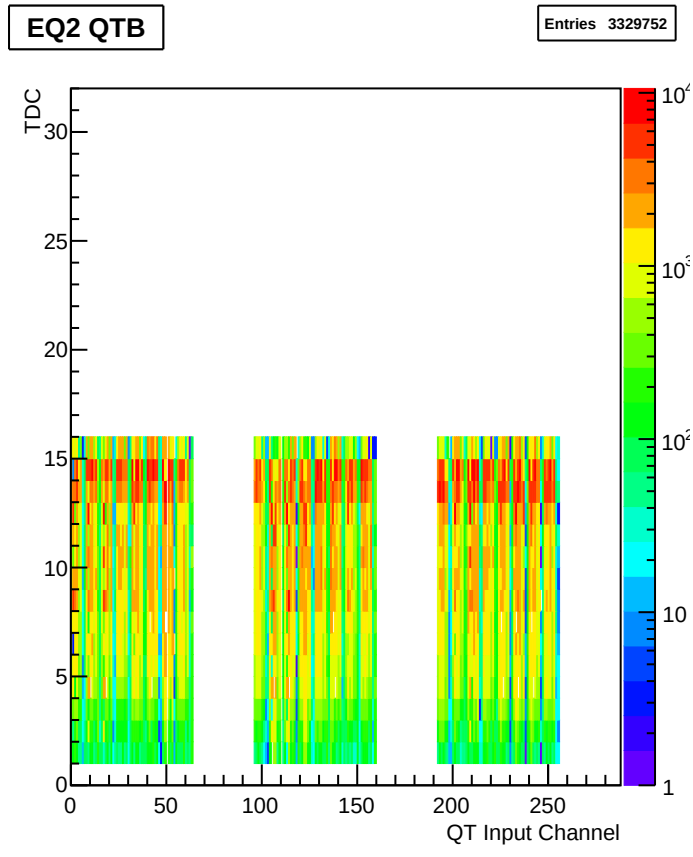

EQ1 QTB
Entries 1.364774e+07
ADC
QT Input Channel

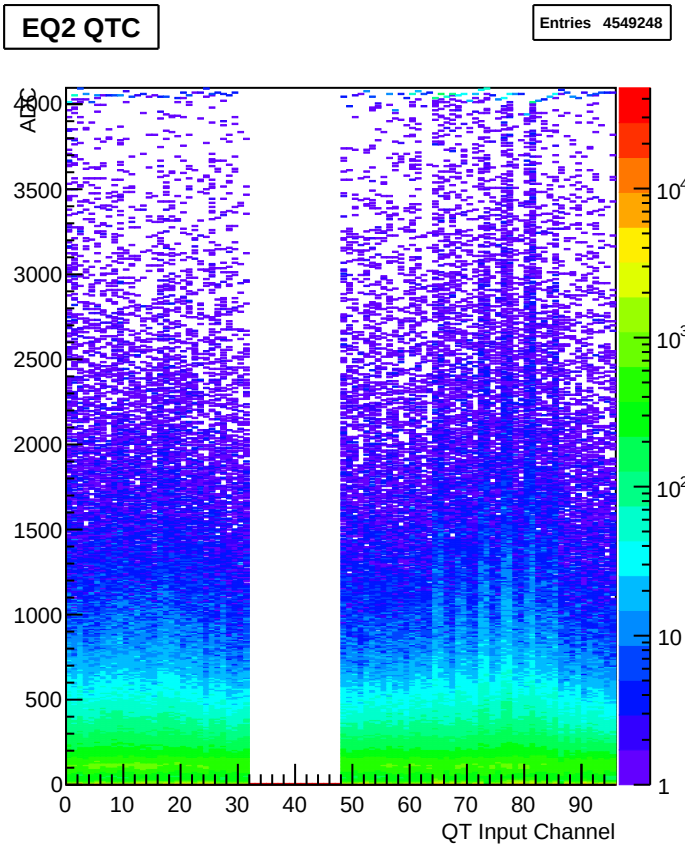

EQ1 QTB
Entries 3798566
TDC
QT Input Channel

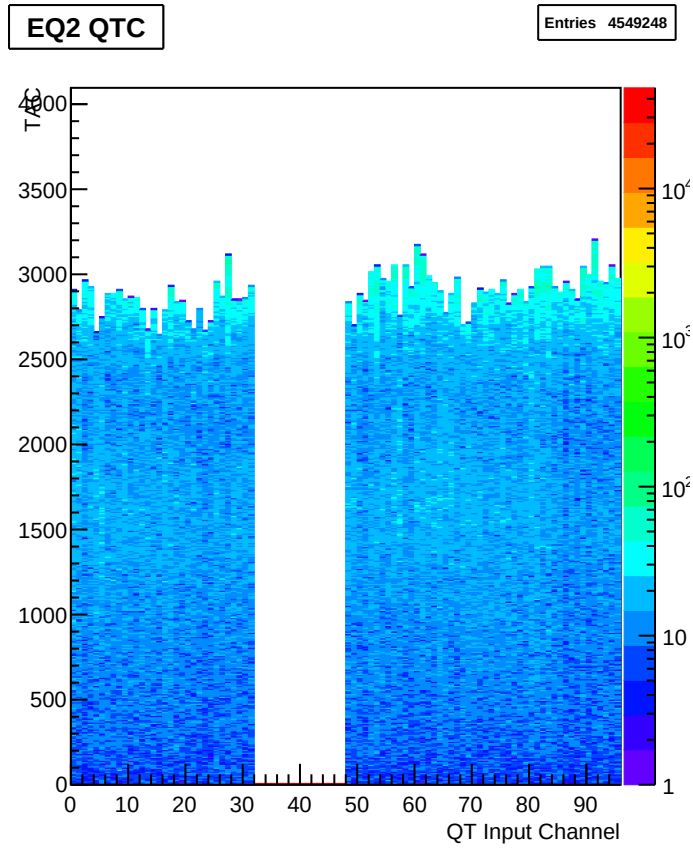

EQ1 QTC
Entries 4549248
ADC
QT Input Channel

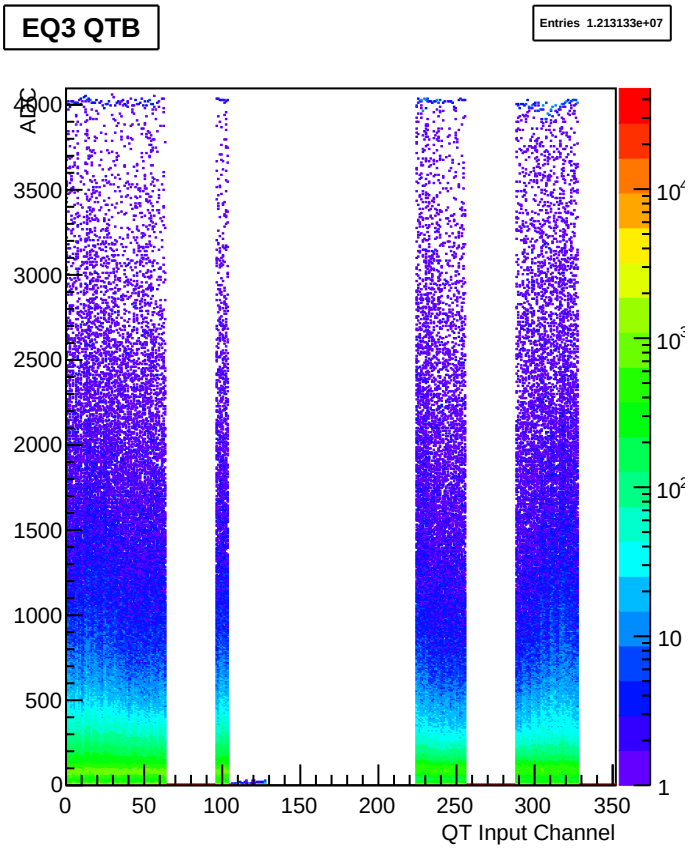

EQ1 QTC
Entries 4549248
TADC
QT Input Channel

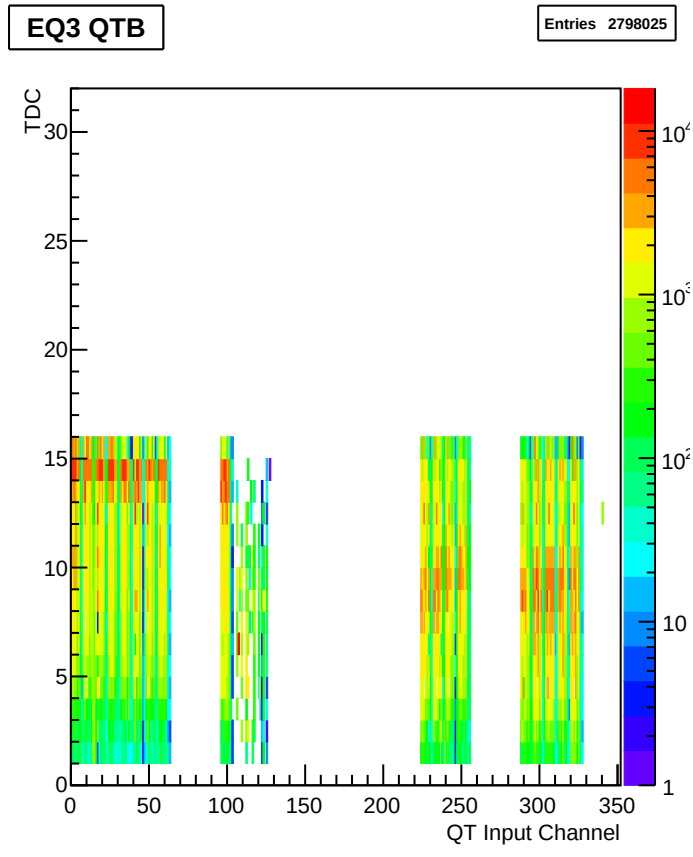

EQ2 QTB
Entries 1.364774e+07
ADC
QT Input Channel

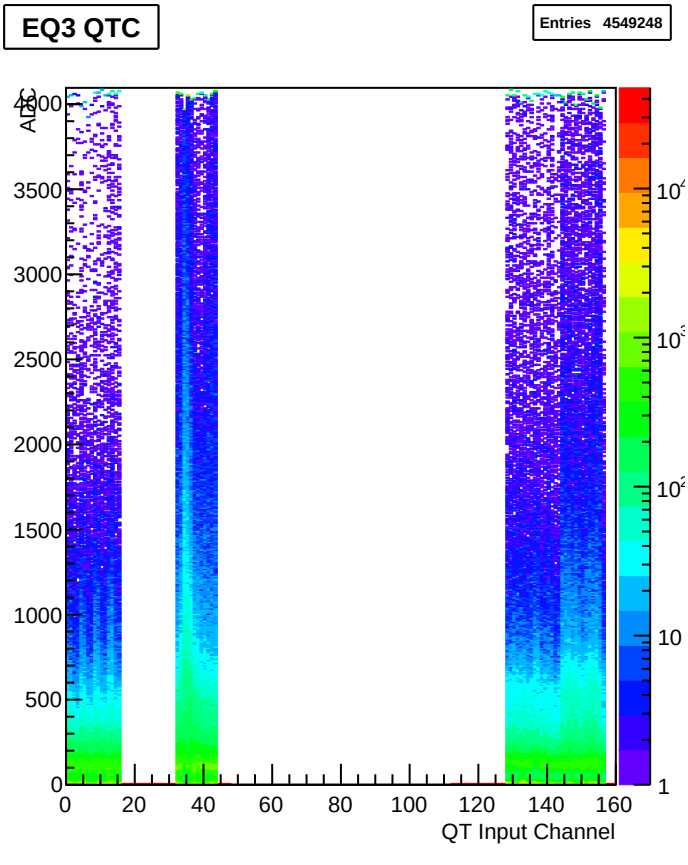

EQ2 QTB
Entries 3329752
TDC
QT Input Channel

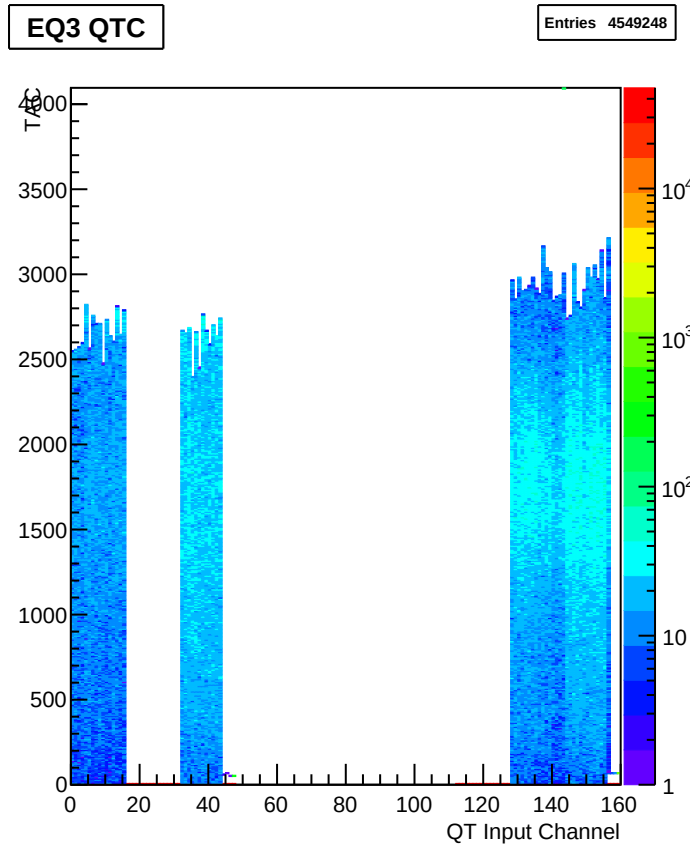

EQ2 QTC
Entries 4549248
ADC
QT Input Channel

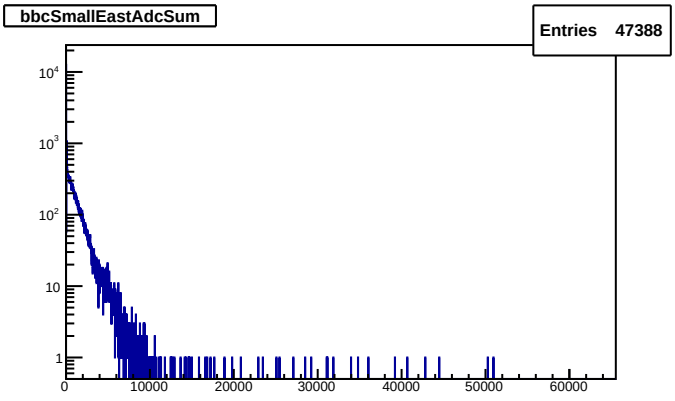

EQ2 QTC
Entries 4549248
TADC
QT Input Channel

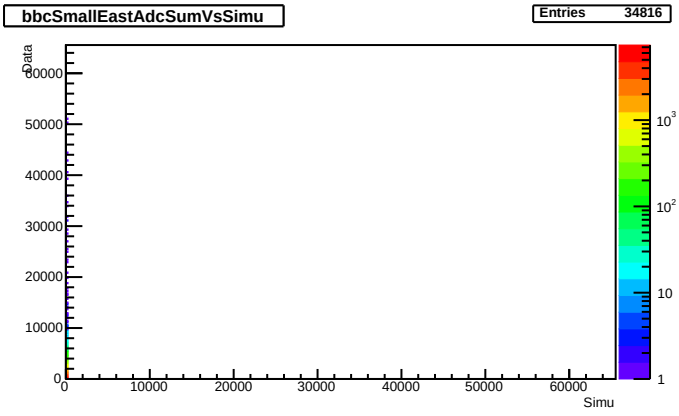

EQ3 QTB
Entries 1.213133e+07
ADC
QT Input Channel

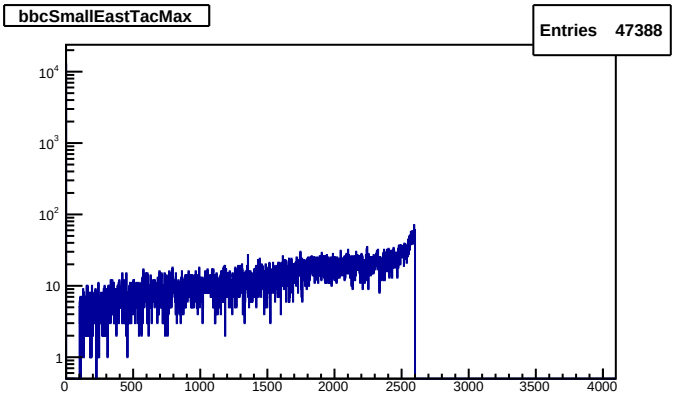

EQ3 QTB
Entries 2798025
TDC
QT Input Channel

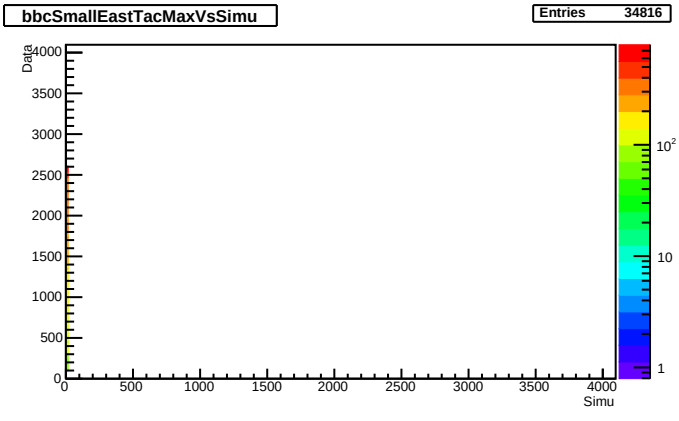

EQ3 QTC
Entries 4549248
ADC
QT Input Channel

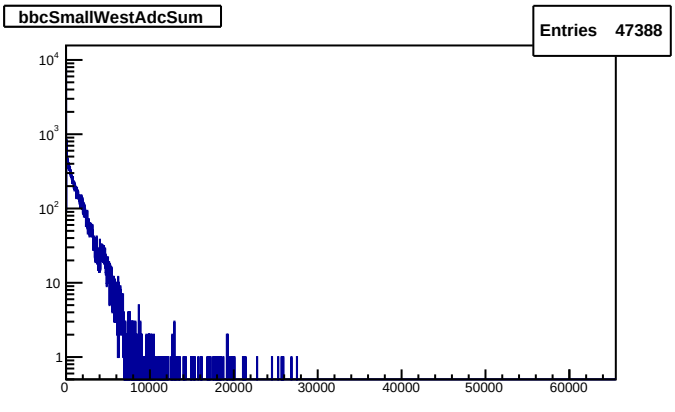

EQ3 QTC
Entries 4549248
TADC
QT Input Channel

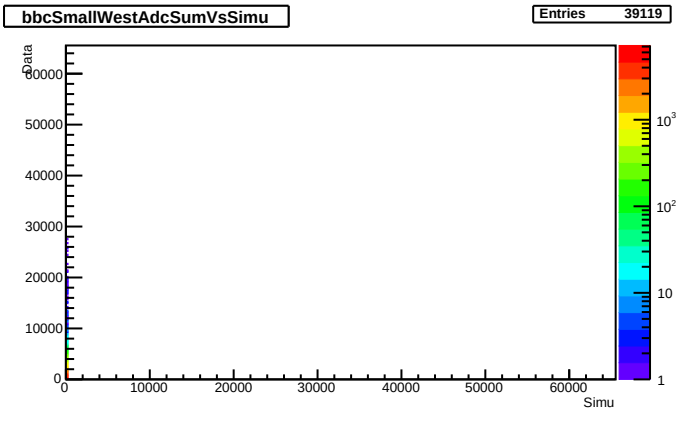

bbcSmallEastAdcSum
Entries 47388

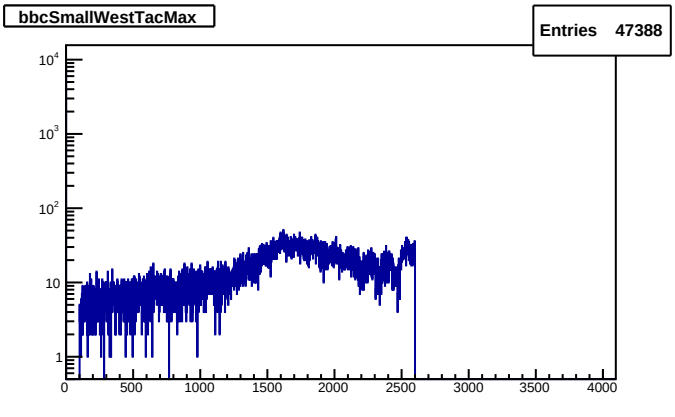

bbcSmallEastAdcSumVsSimu
Entries 34816
Data
Simu

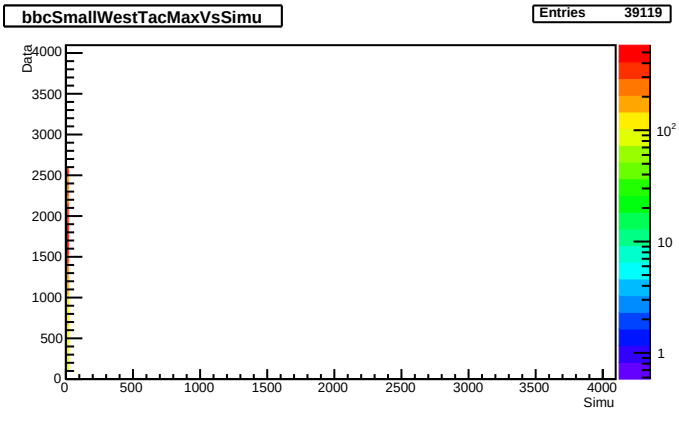

bbcSmallEastTacMax
Entries 47388

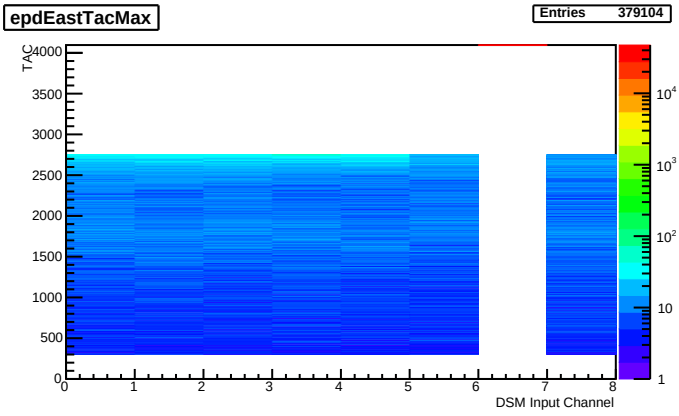

bbcSmallEastTacMaxVsSimu
Entries 34816
Data
Simu

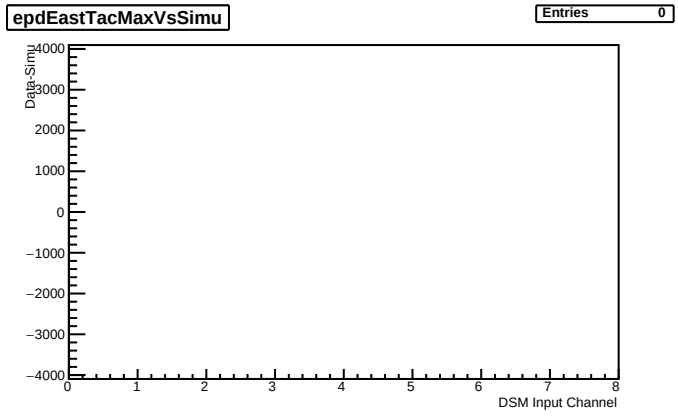

bbcSmallWestAdcSum
Entries 47388

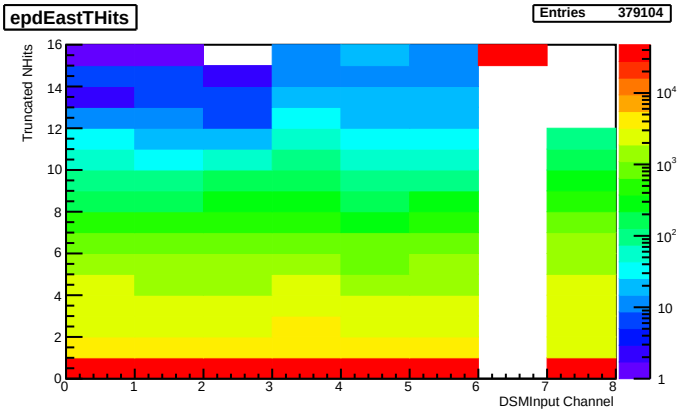

bbcSmallWestAdcSumVsSimu
Entries 39119
Data
Simu

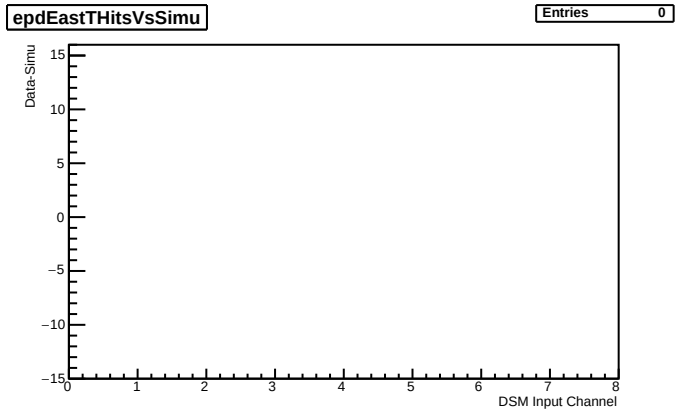

bbcSmallWestTacMax
Entries 47388

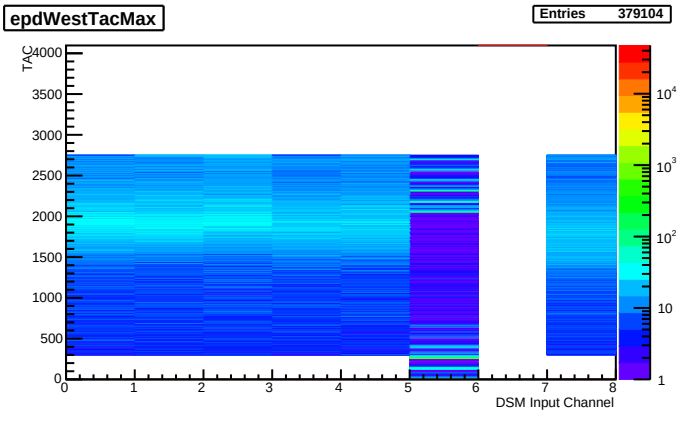

bbcSmallWestTacMaxVsSimu
Entries 39119
Data
Simu

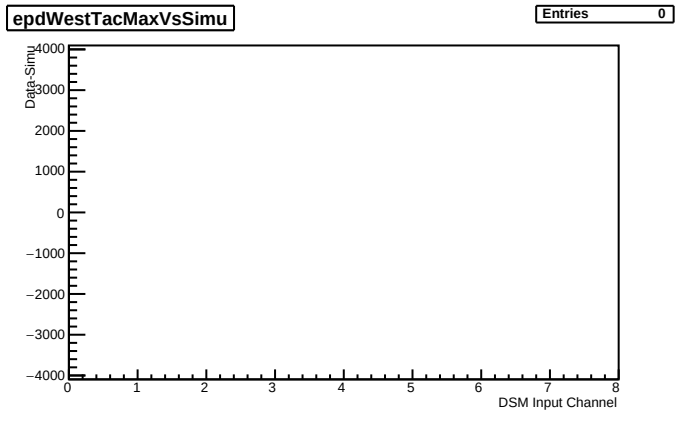

epdEastTacMax
Entries 379104
TAC
DSM Input Channel

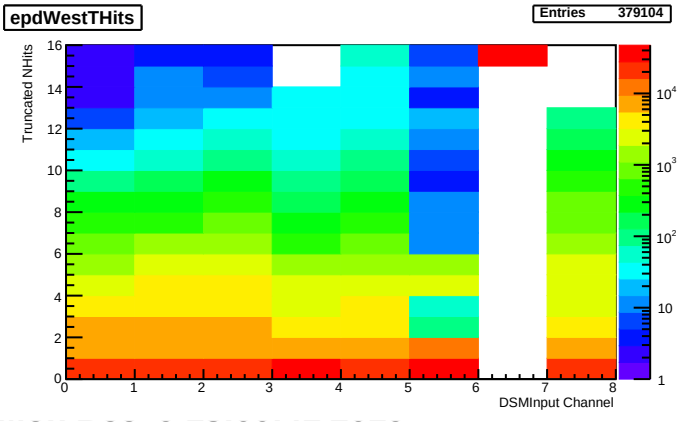

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

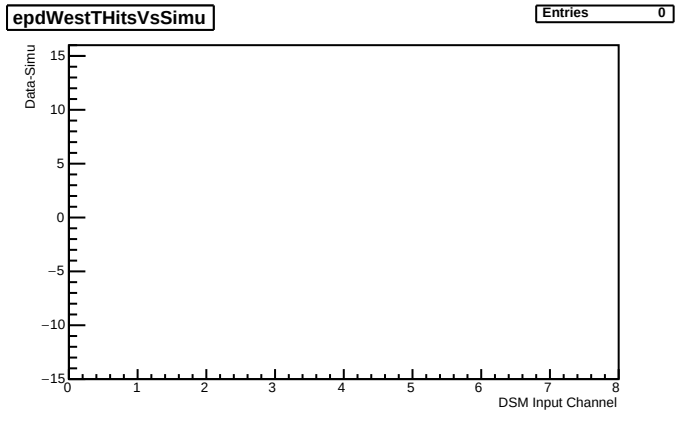

epdEastTHits
Entries 379104
Truncated NHits
DSMInput Channel

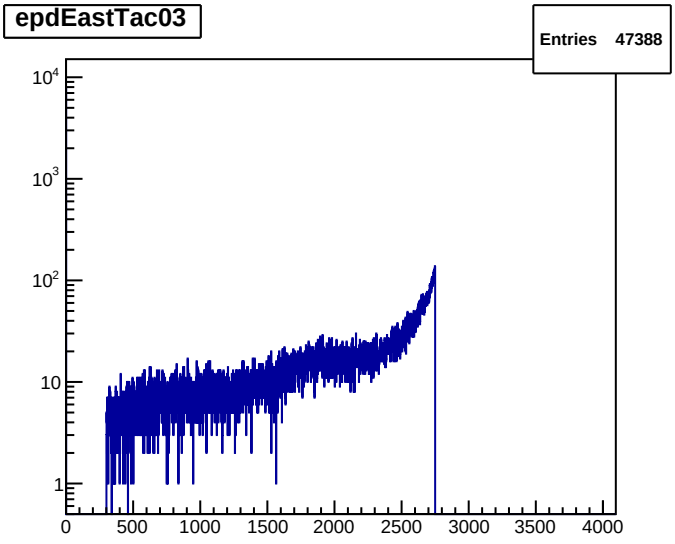

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

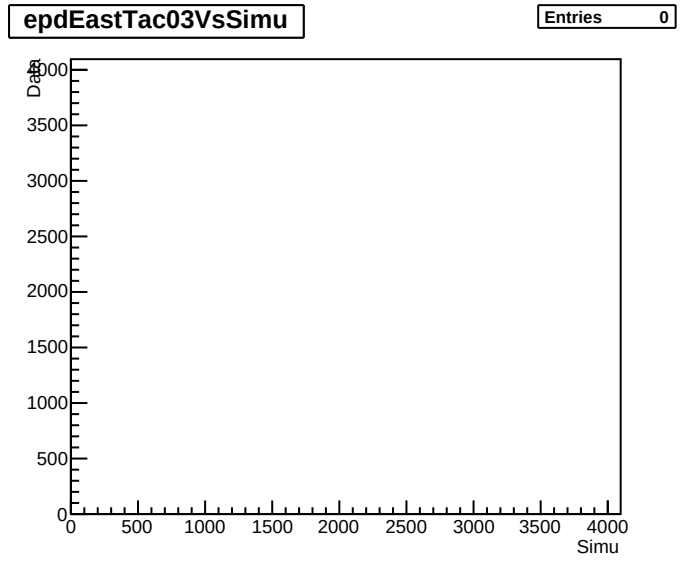

epdWestTacMax
Entries 379104
TAC
DSM Input Channel

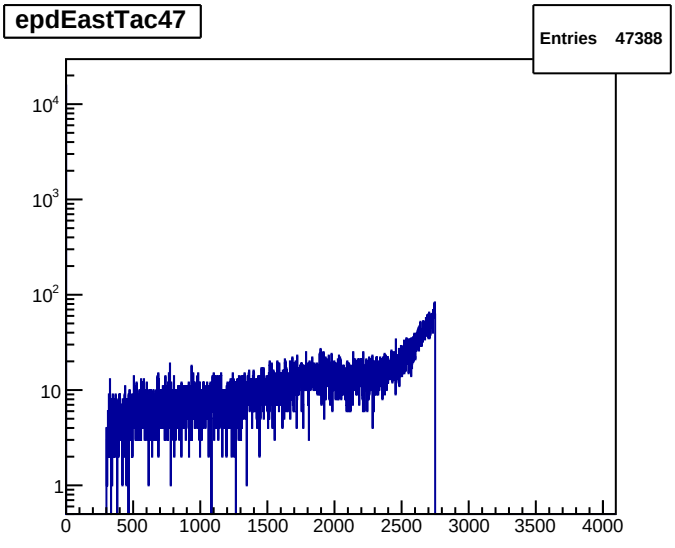

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

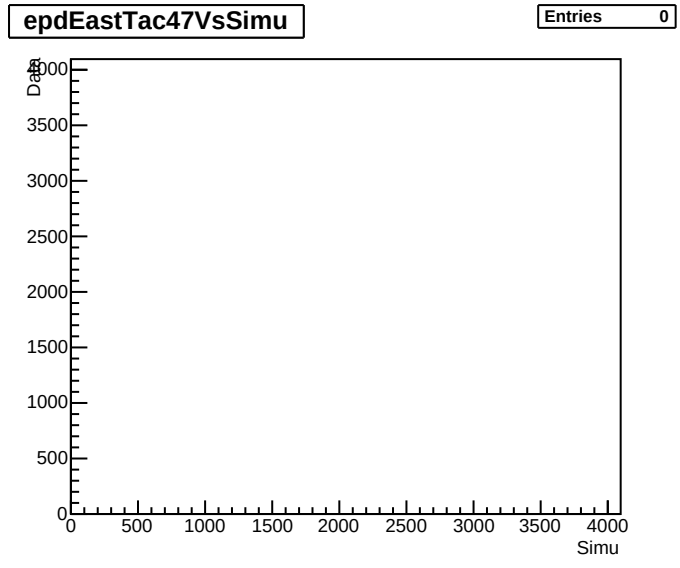

epdWestTHits
Entries 379104
Truncated NHits
DSMInput Channel

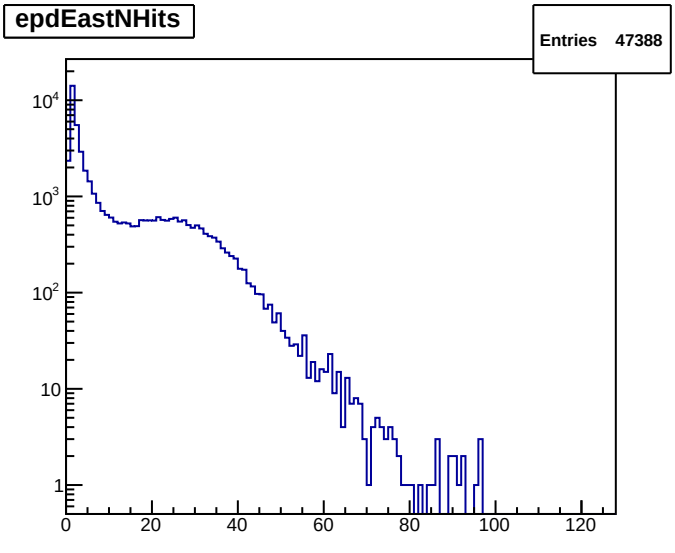

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

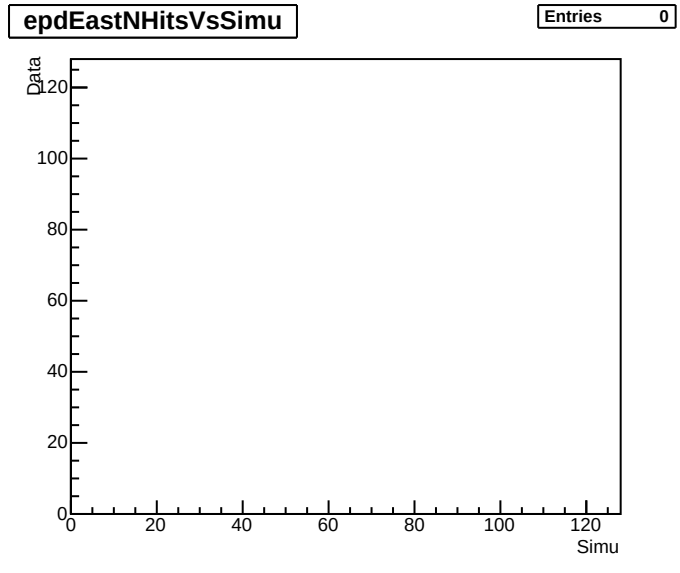

epdEastTac03
Entries 47388

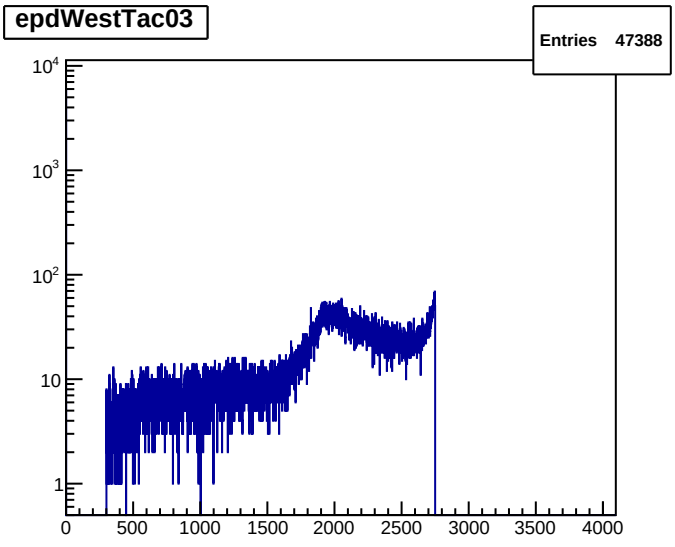

epdEastTac03VsSimu
Entries 0
Data
Simu

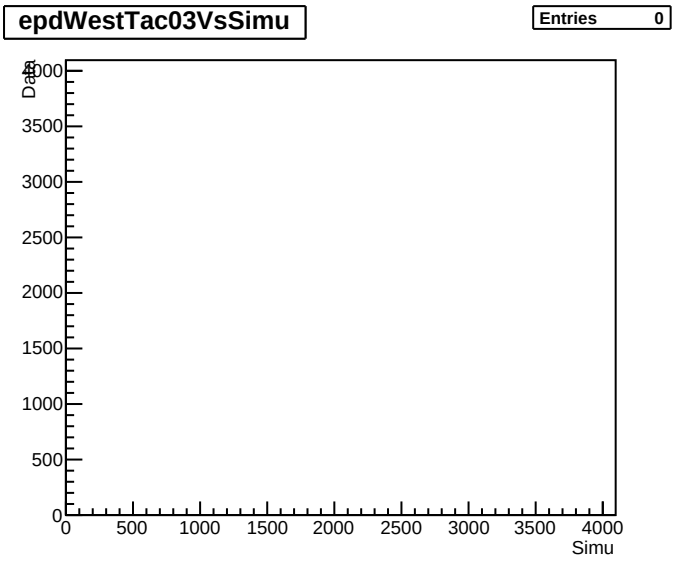

epdEastTac47
Entries 47388

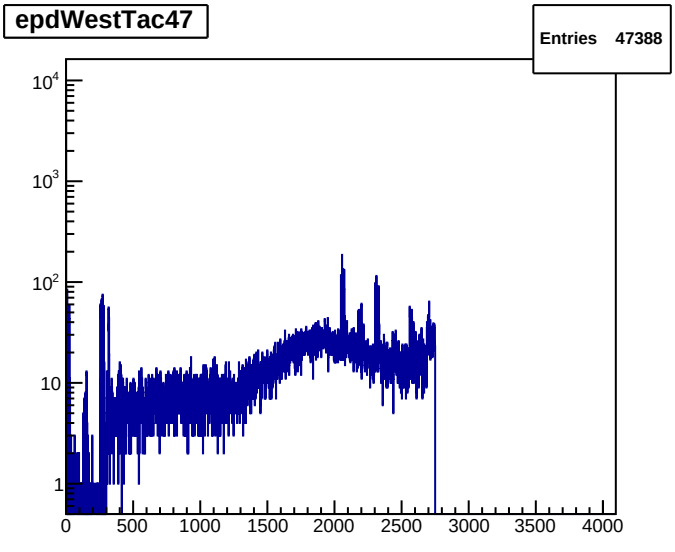

epdEastTac47VsSimu
Entries 0
Data
Simu

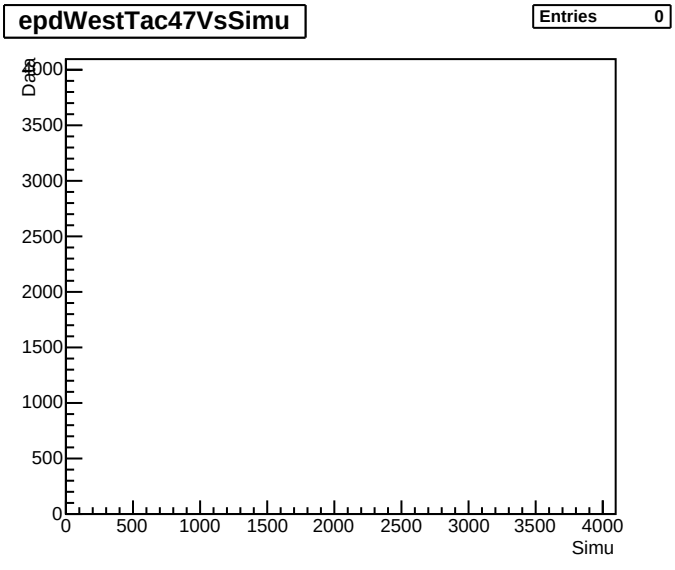

epdEastNHits
Entries 47388

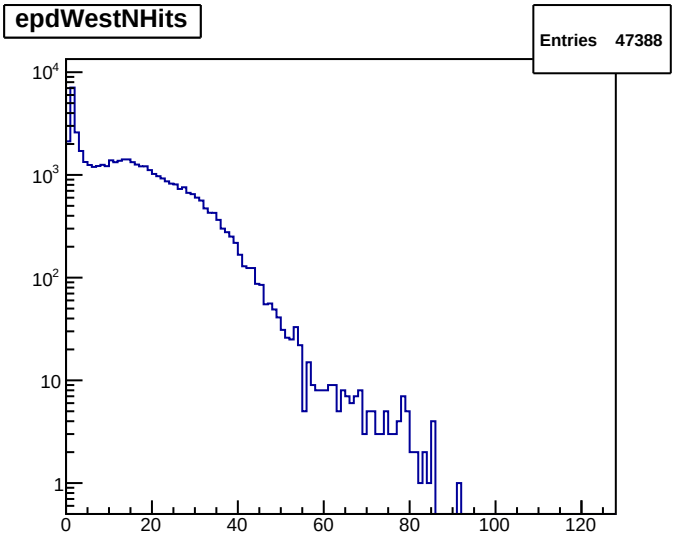

epdEastNHitsVsSimu
Entries 0
Data
Simu

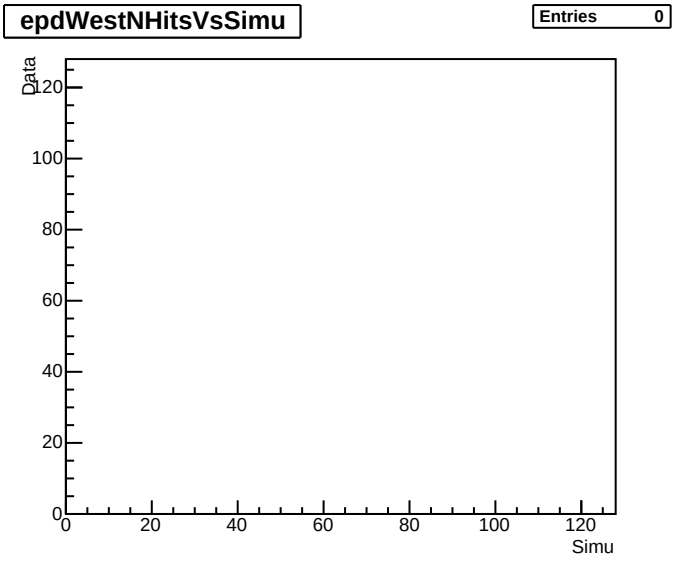

epdWestTac03
Entries 47388

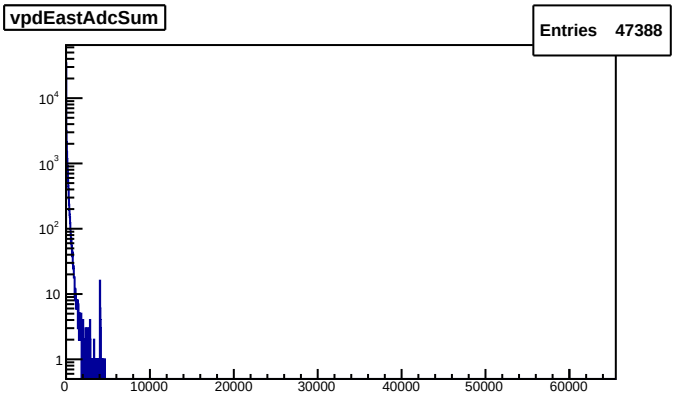

epdWestTac03VsSimu
Entries 0
Data
Simu

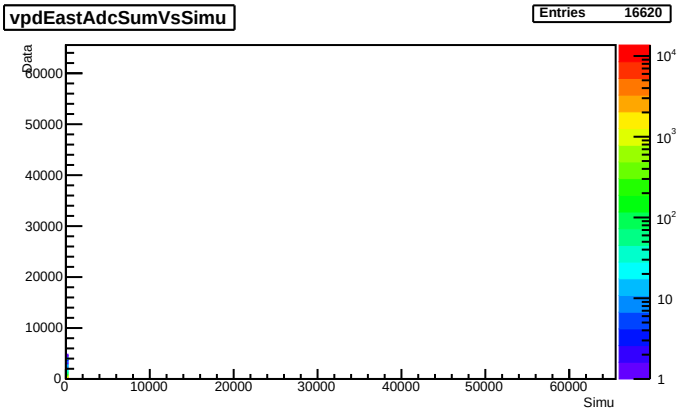

epdWestTac47
Entries 47388

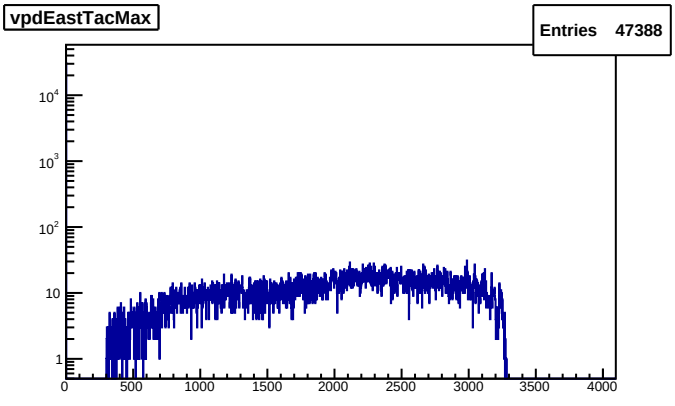

epdWestTac47VsSimu
Entries 0
Data
Simu

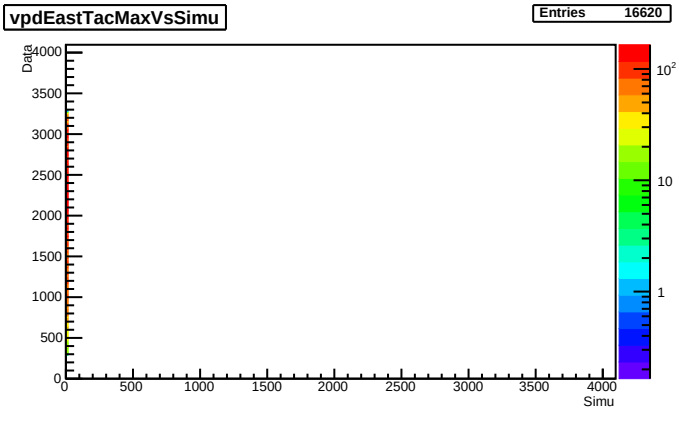

epdWestNHits
Entries 47388

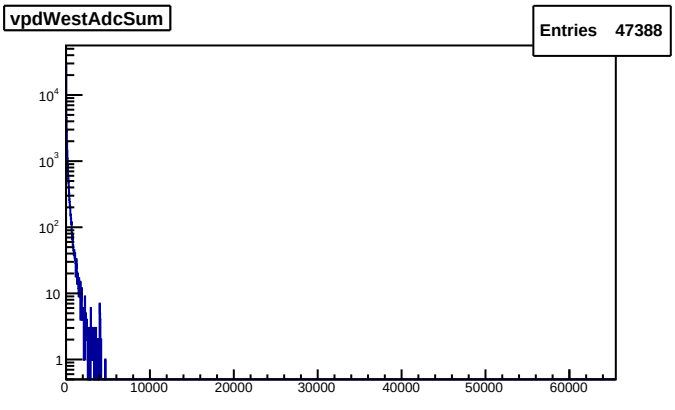

epdWestNHitsVsSimu
Entries 0
Data
Simu

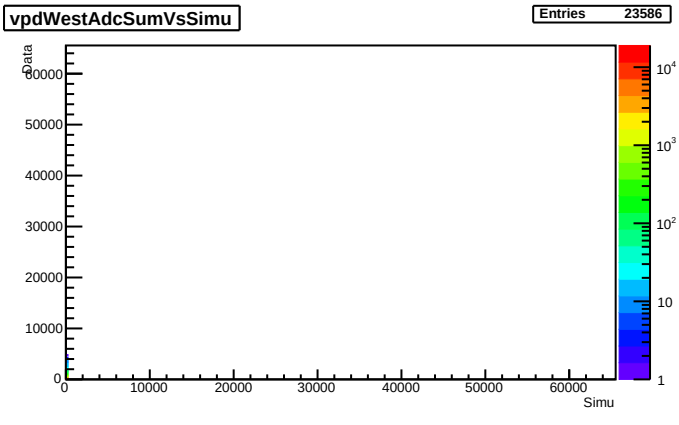

vpdEastAdcSum
Entries 47388

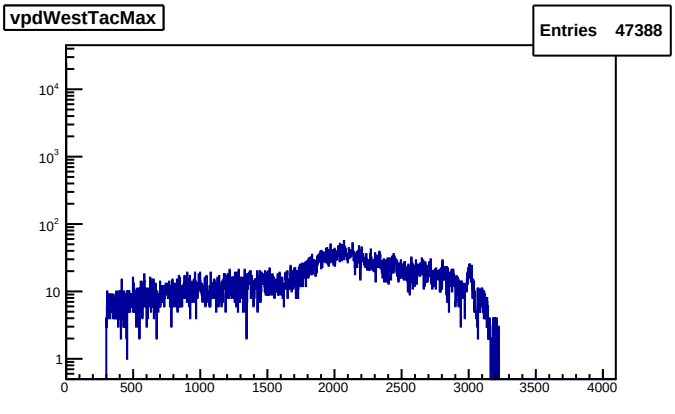

vpdEastAdcSumVsSimu
Entries 16620
Data
Simu

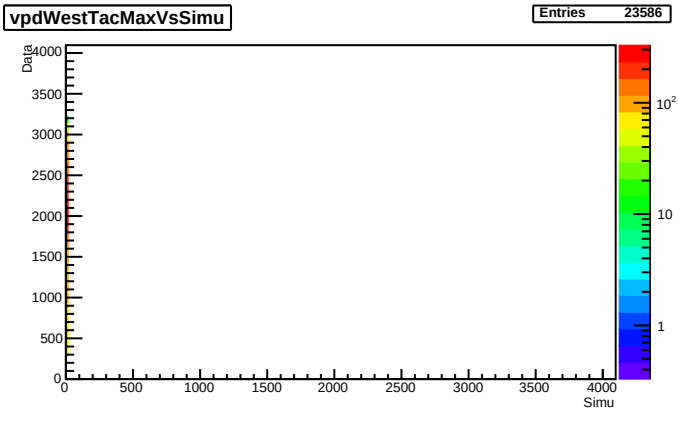

vpdEastTacMax
Entries 47388

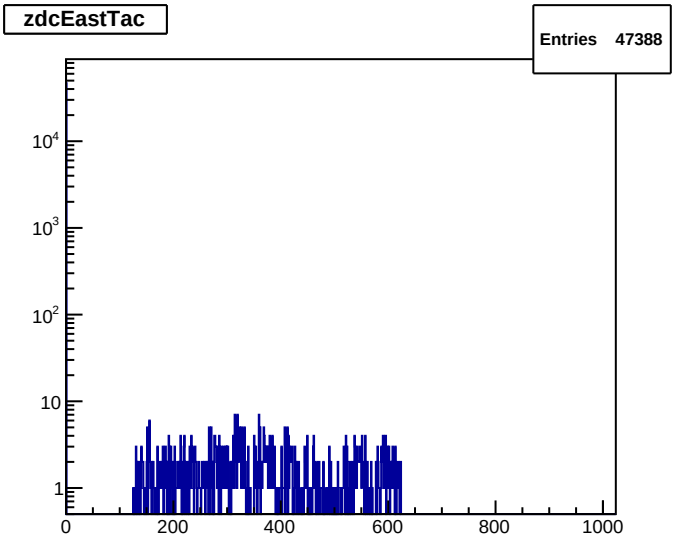

vpdEastTacMaxVsSimu
Entries 16620
Data
Simu

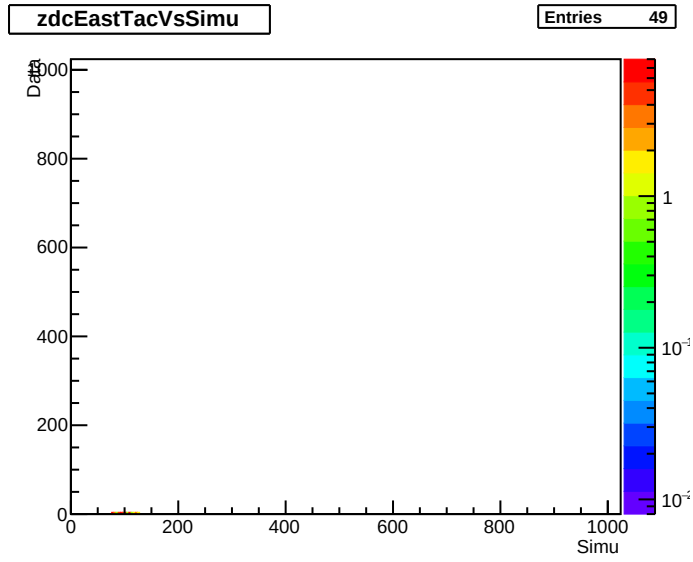

vpdWestAdcSum
Entries 47388

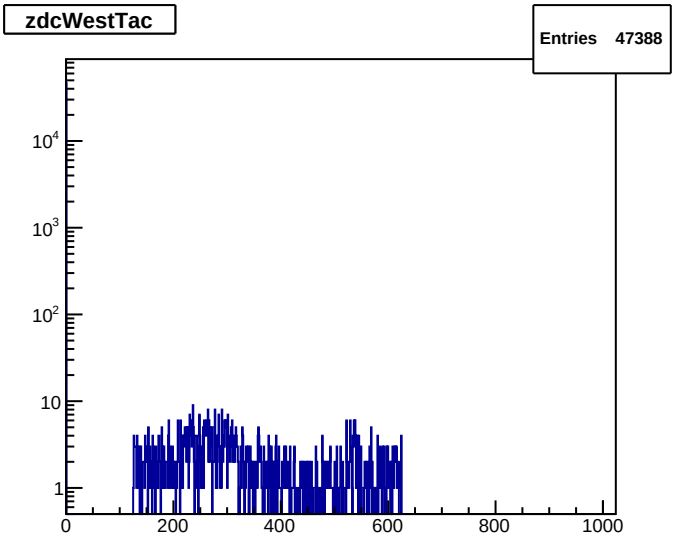

vpdWestAdcSumVsSimu
Entries 23586
Data
Simu

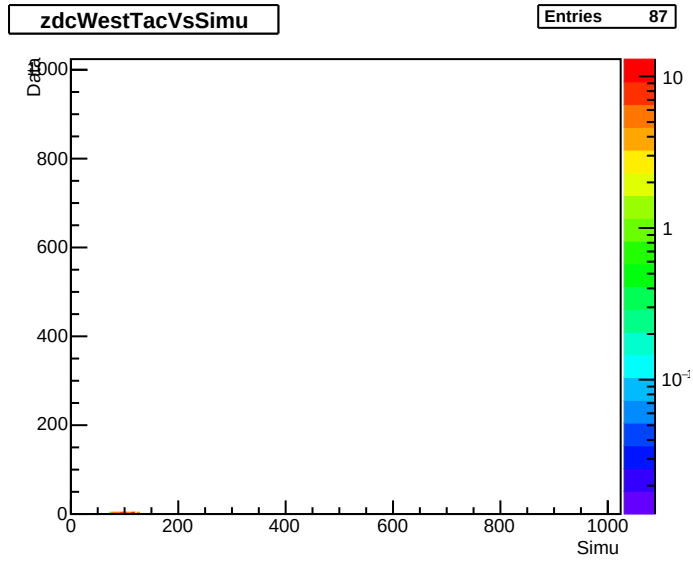

vpdWestTacMax
Entries 47388

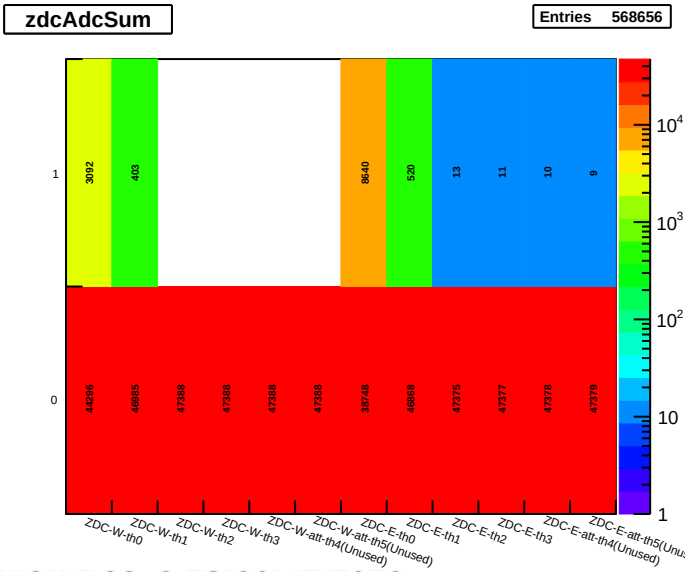

vpdWestTacMaxVsSimu
Entries 23586
Data
Simu

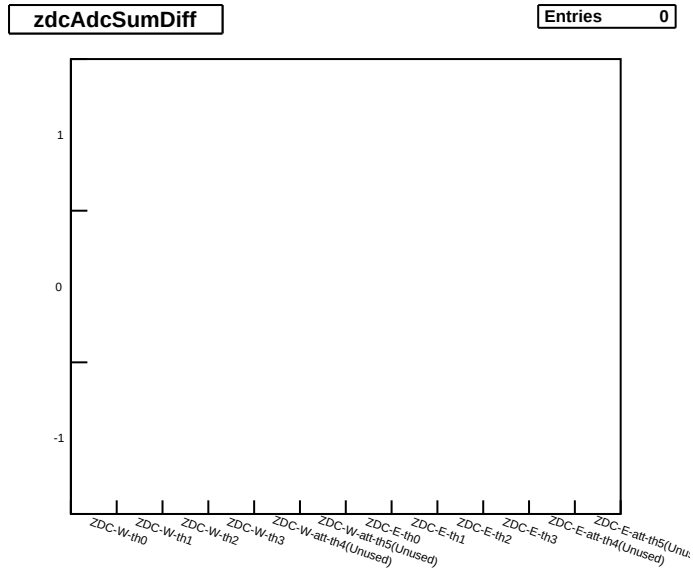

zdcEastTac
Entries 47388

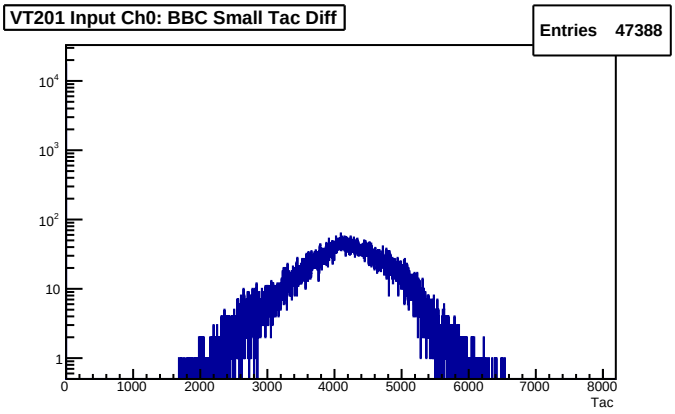

zdcEastTacVsSimu
Entries 49
Data
Simu

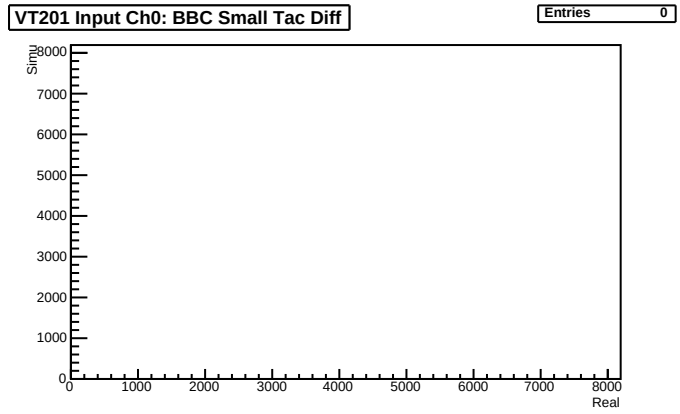

zdcWestTac
Entries 47388

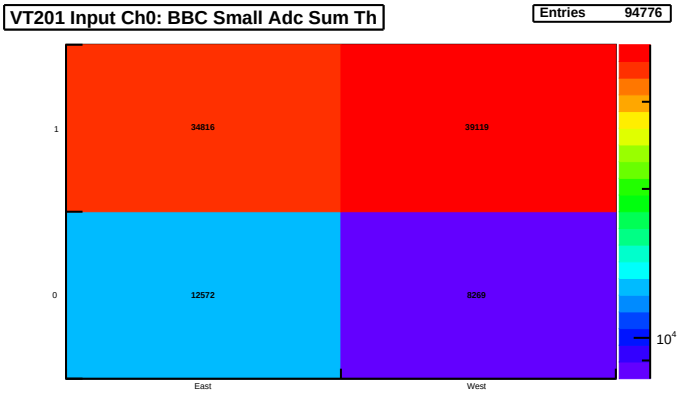

zdcWestTacVsSimu
Entries 87
Data
Simu

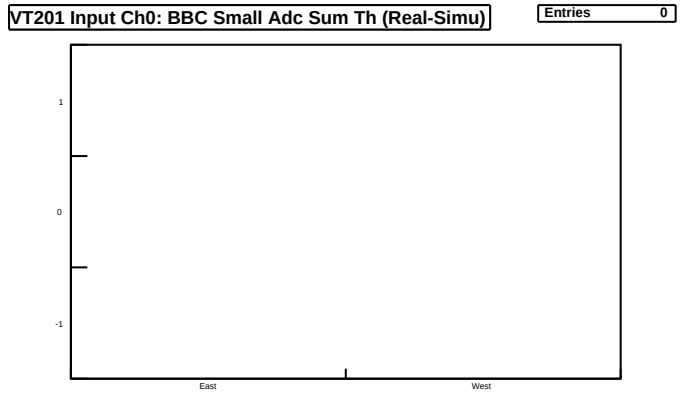

zdcAdcSum
Entries 568656
3092
403
8640
520
13
11
10
9
44296
46985
47388
47388
47388
47388
38749
46868
47275
47377
47378
47379
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

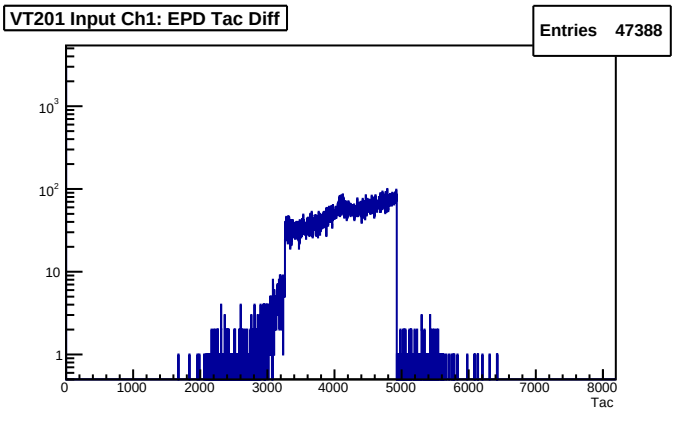

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

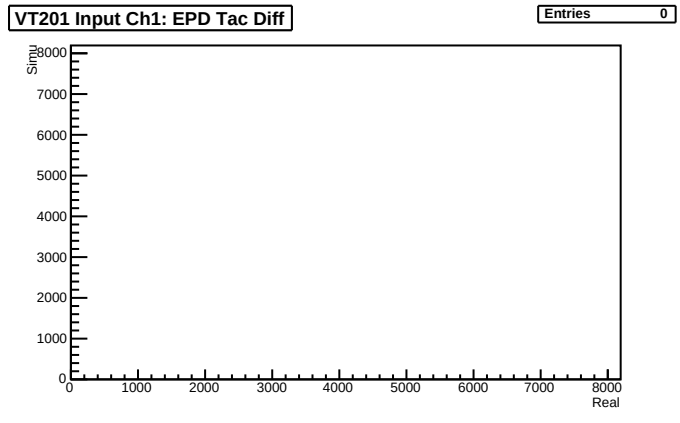

VT201 Input Ch0: BBC Small Tac Diff
Entries 47388
Tac

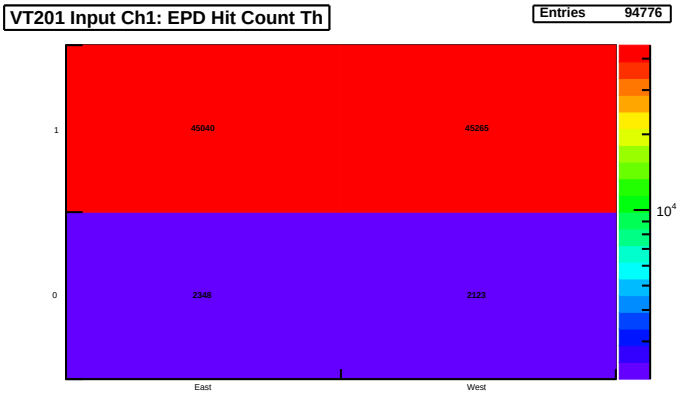

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

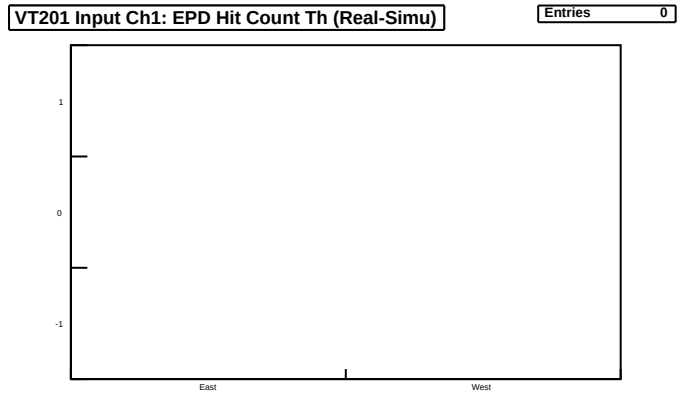

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 94776
34816
39119
12572
8269
East
West

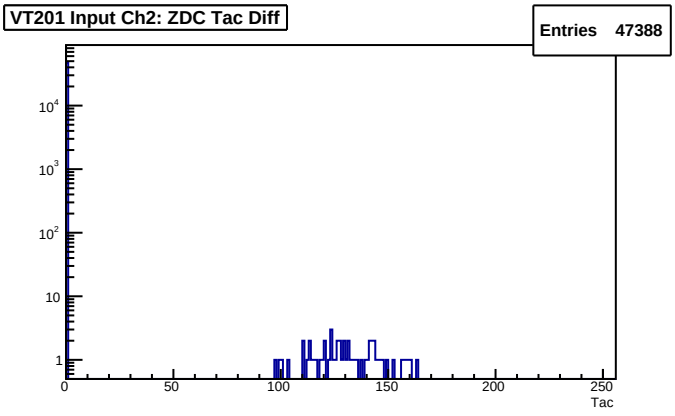

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

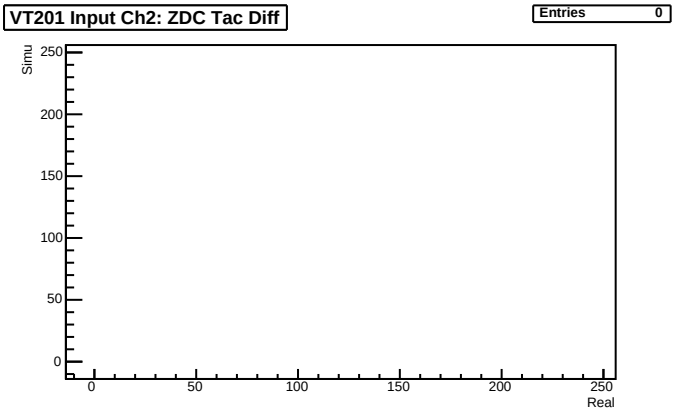

VT201 Input Ch1: EPD Tac Diff
Entries 47388
Tac

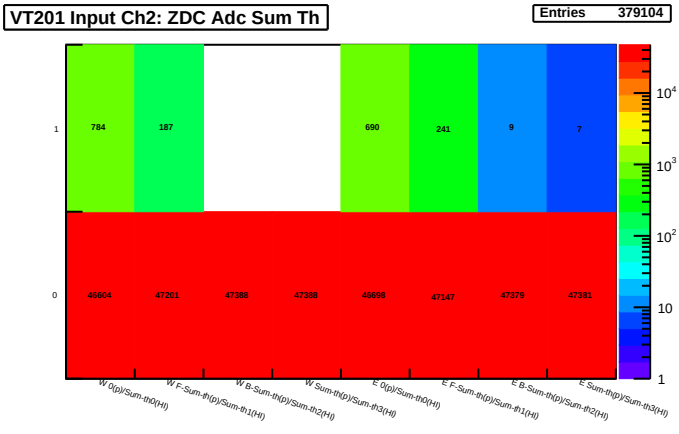

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

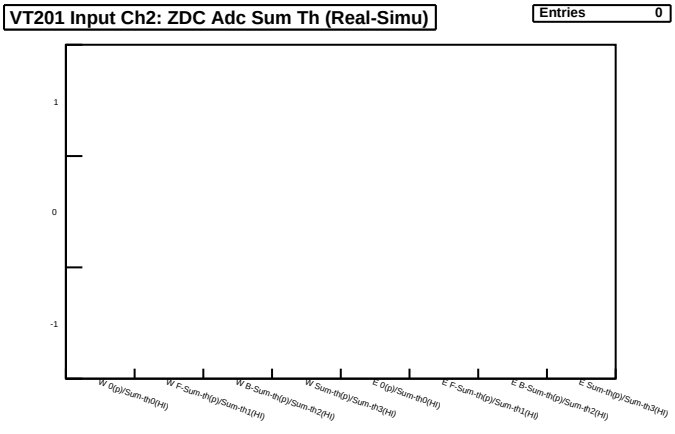

VT201 Input Ch1: EPD Hit Count Th
Entries 94776
45040
45265
2348
2123
East
West

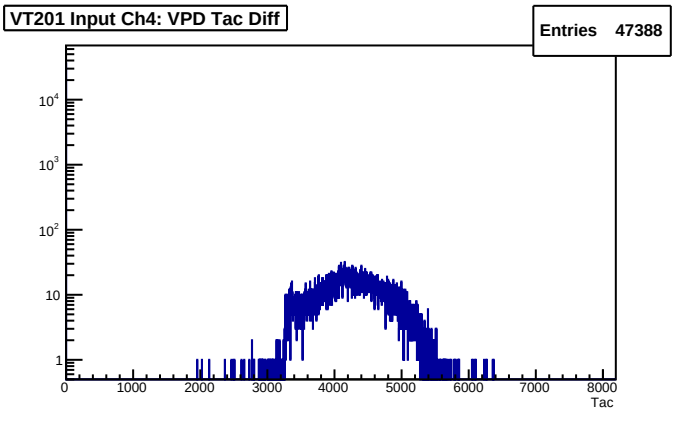

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

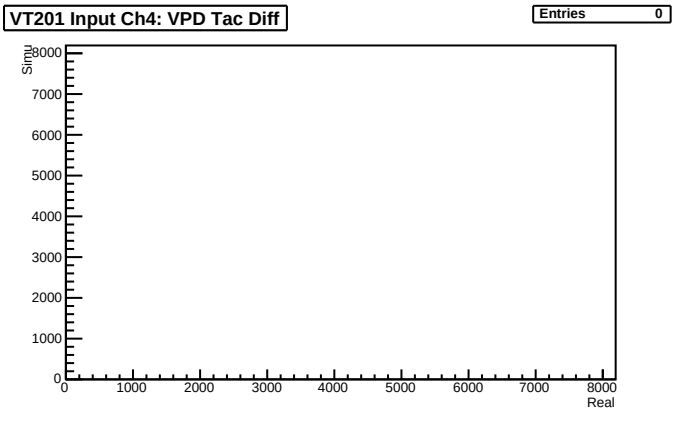

VT201 Input Ch2: ZDC Tac Diff
Entries 47388
Tac

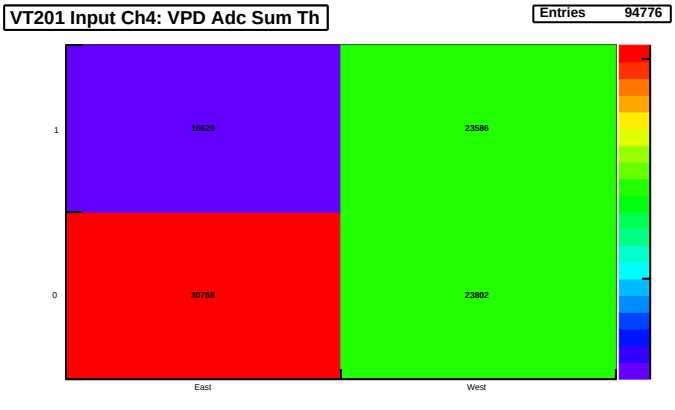

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

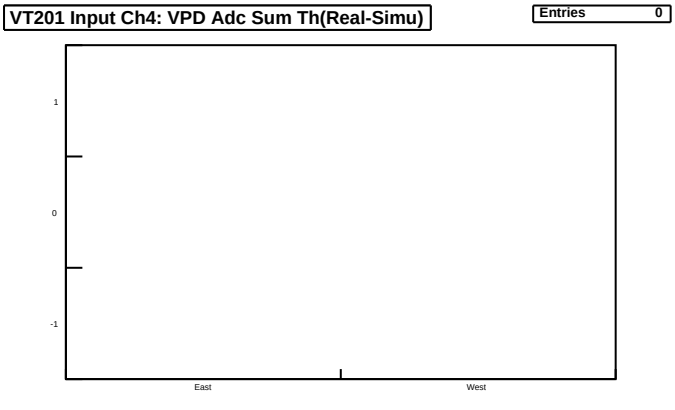

VT201 Input Ch2: ZDC Adc Sum Th
Entries 379104
784
187
690
241
9
7
46604
47201
47388
47388
46698
47147
47379
47381
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

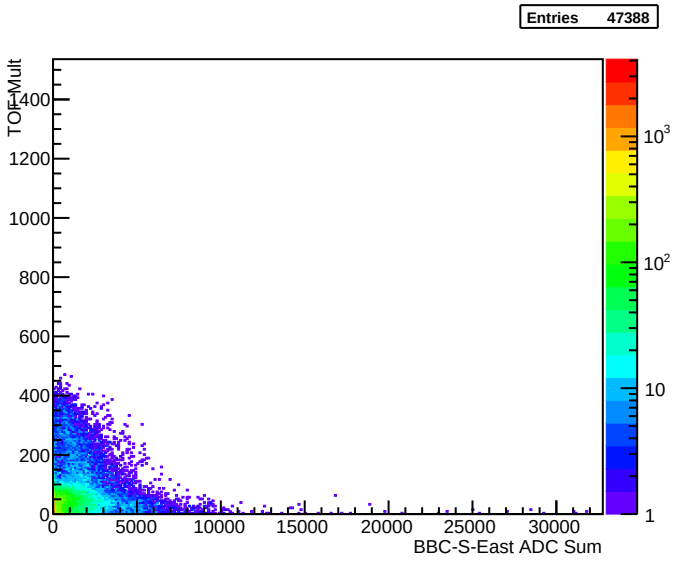

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

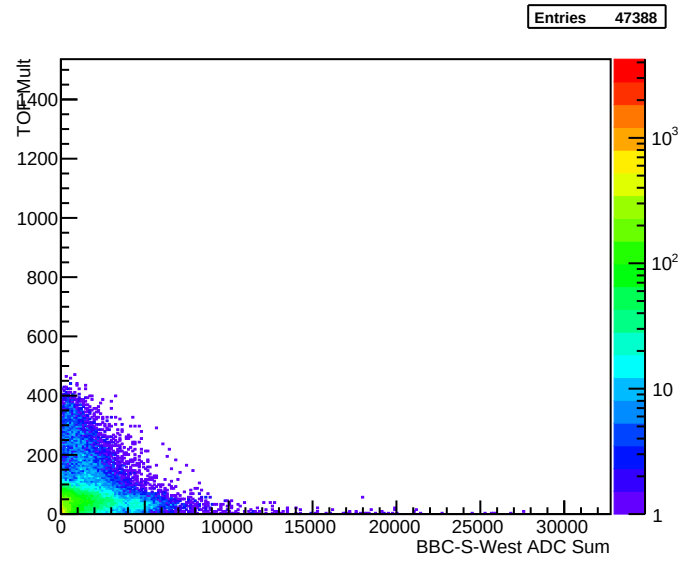

VT201 Input Ch4: VPD Tac Diff
Entries 47388
Tac

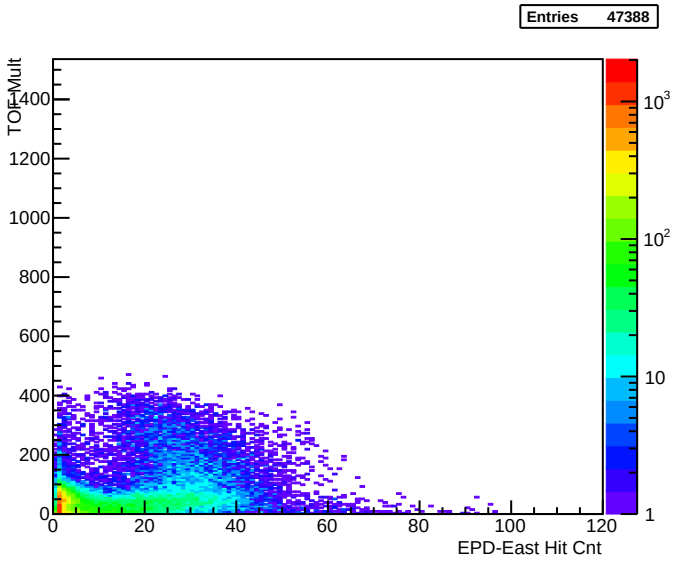

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

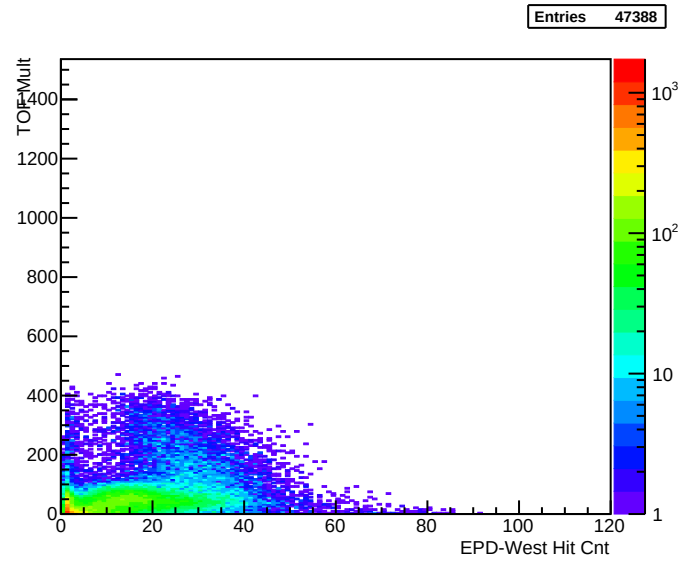

VT201 Input Ch4: VPD Adc Sum Th
Entries 94776
16620
23586
30768
23802
East
West

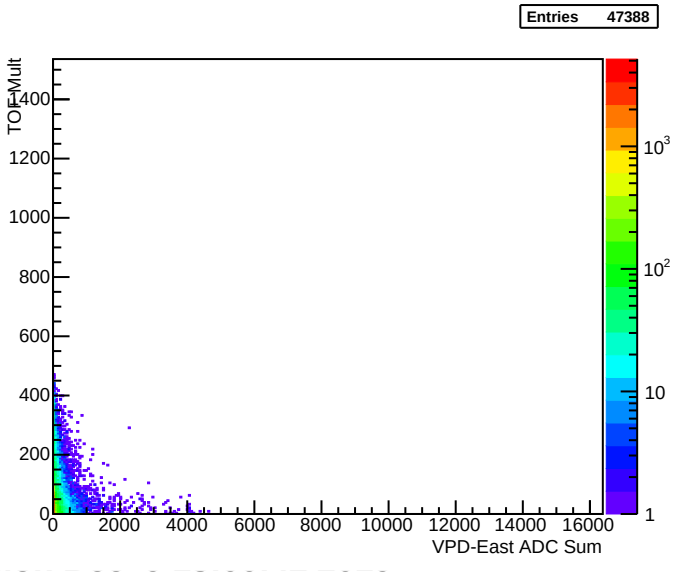

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

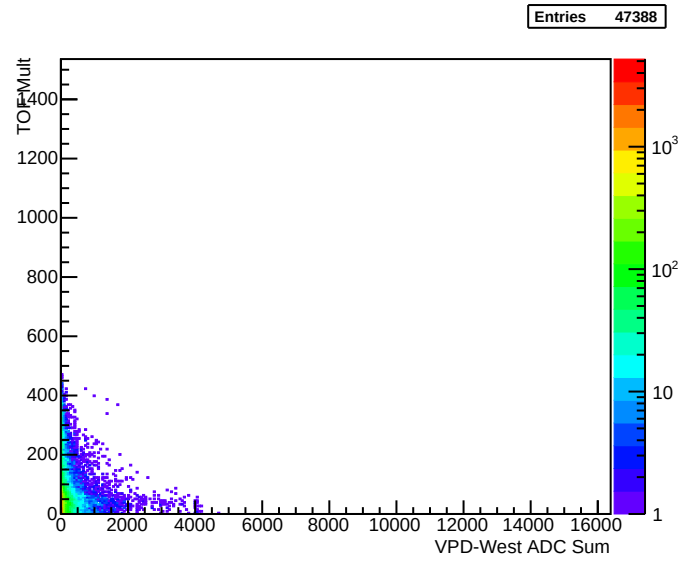

Entries 47388
TOF-Mult
BBC-S-East ADC Sum

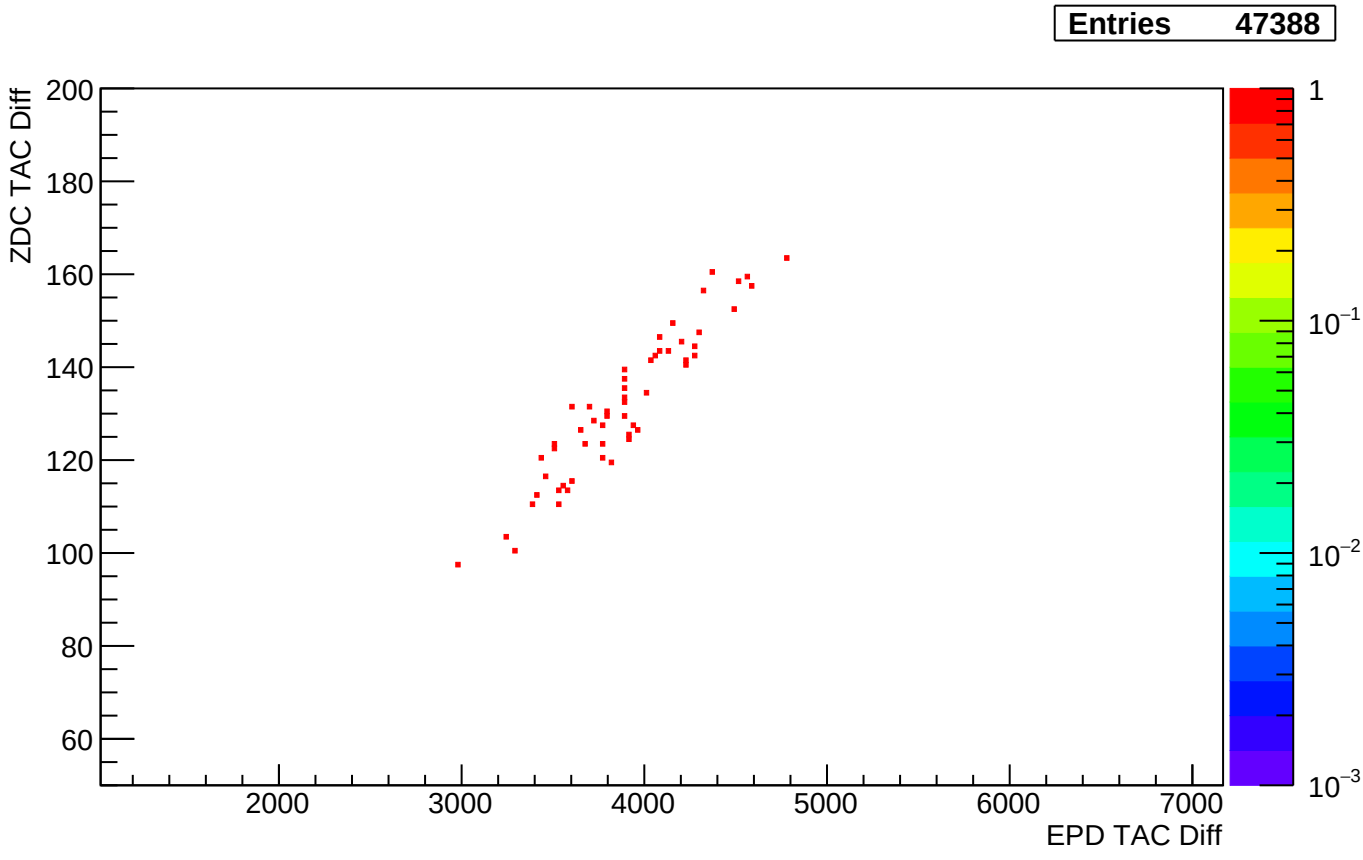

Entries 47388
TOF-Mult
BBC-S-West ADC Sum

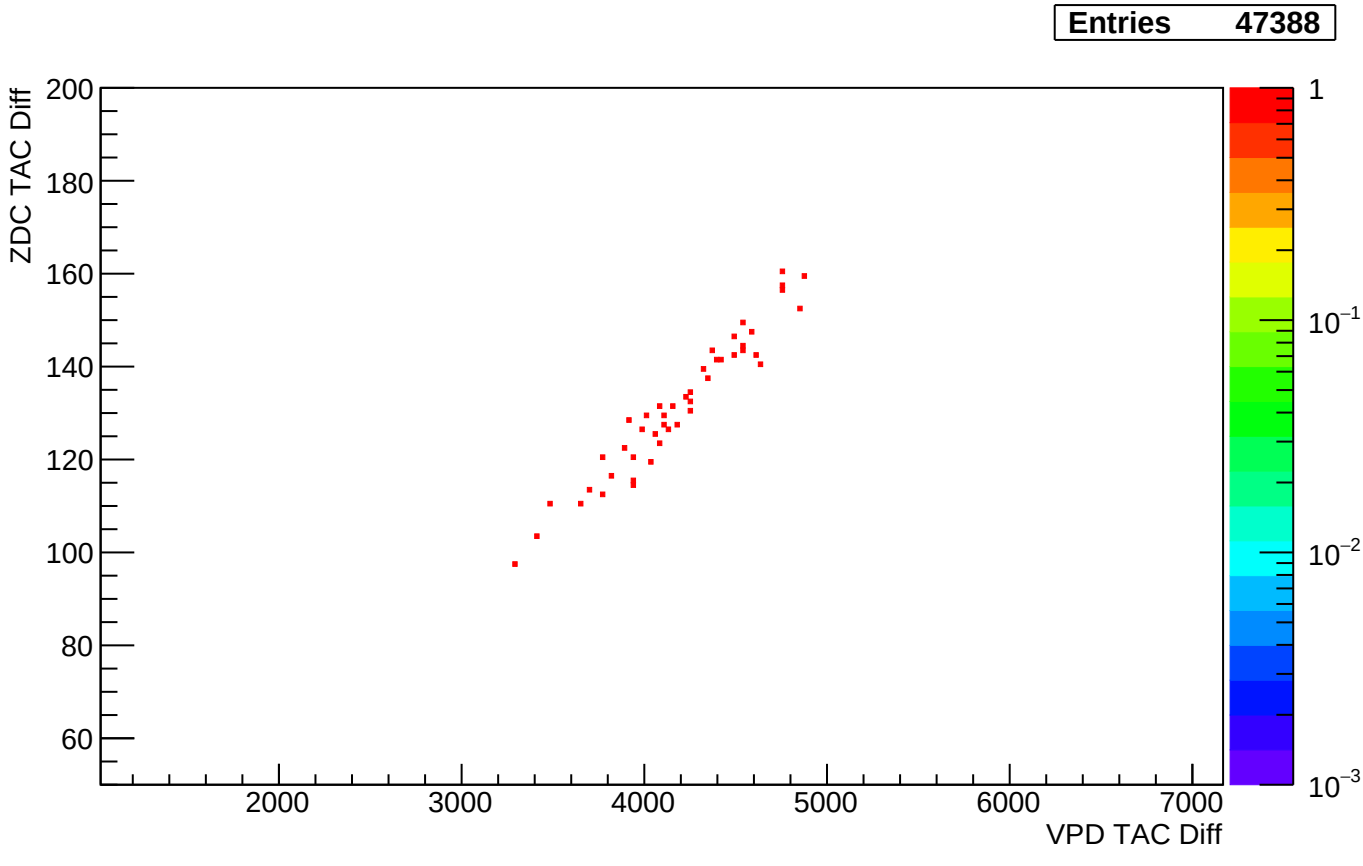

Entries 47388
TOF-Mult
EPD-East Hit Cnt

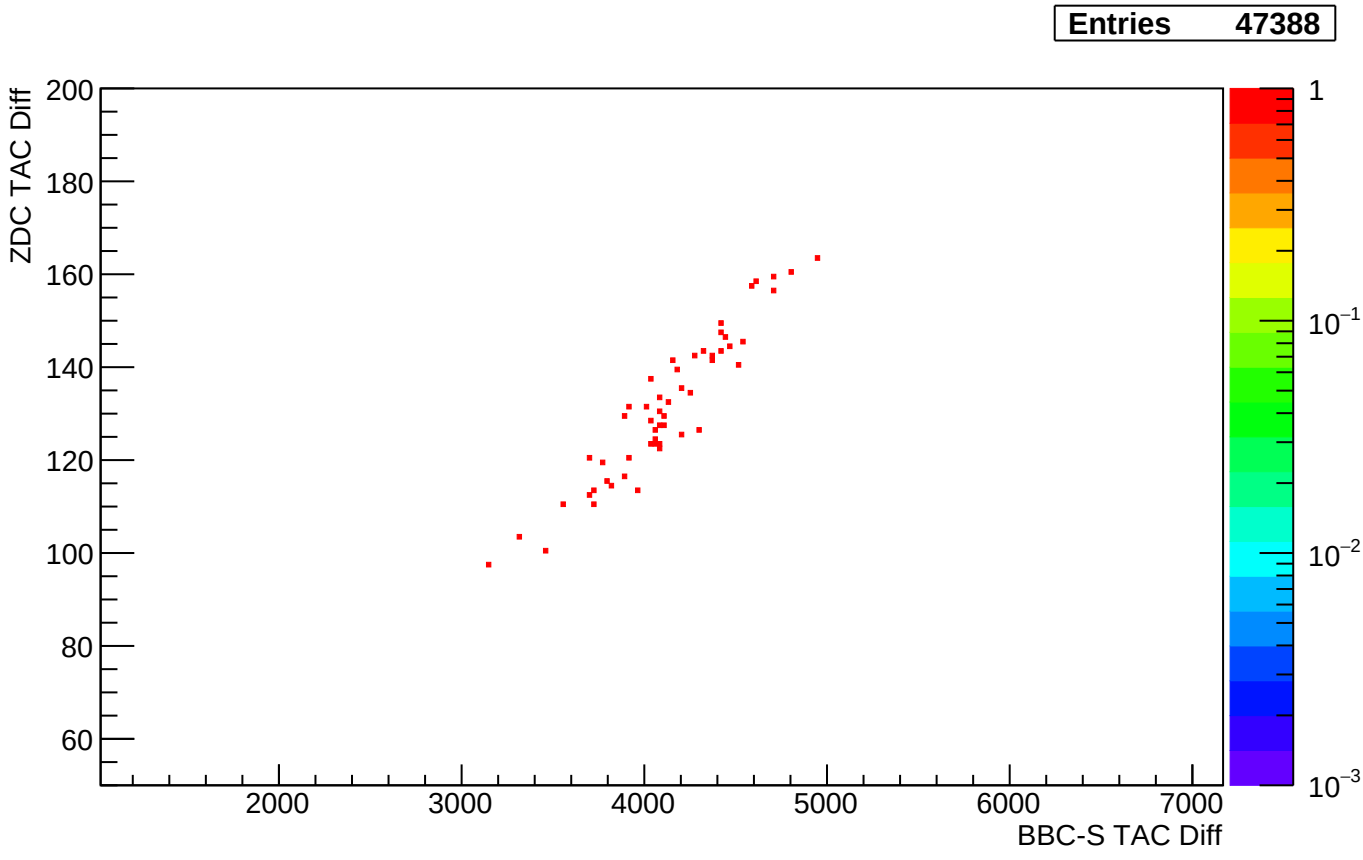

Entries 47388
TOF-Mult
EPD-West Hit Cnt

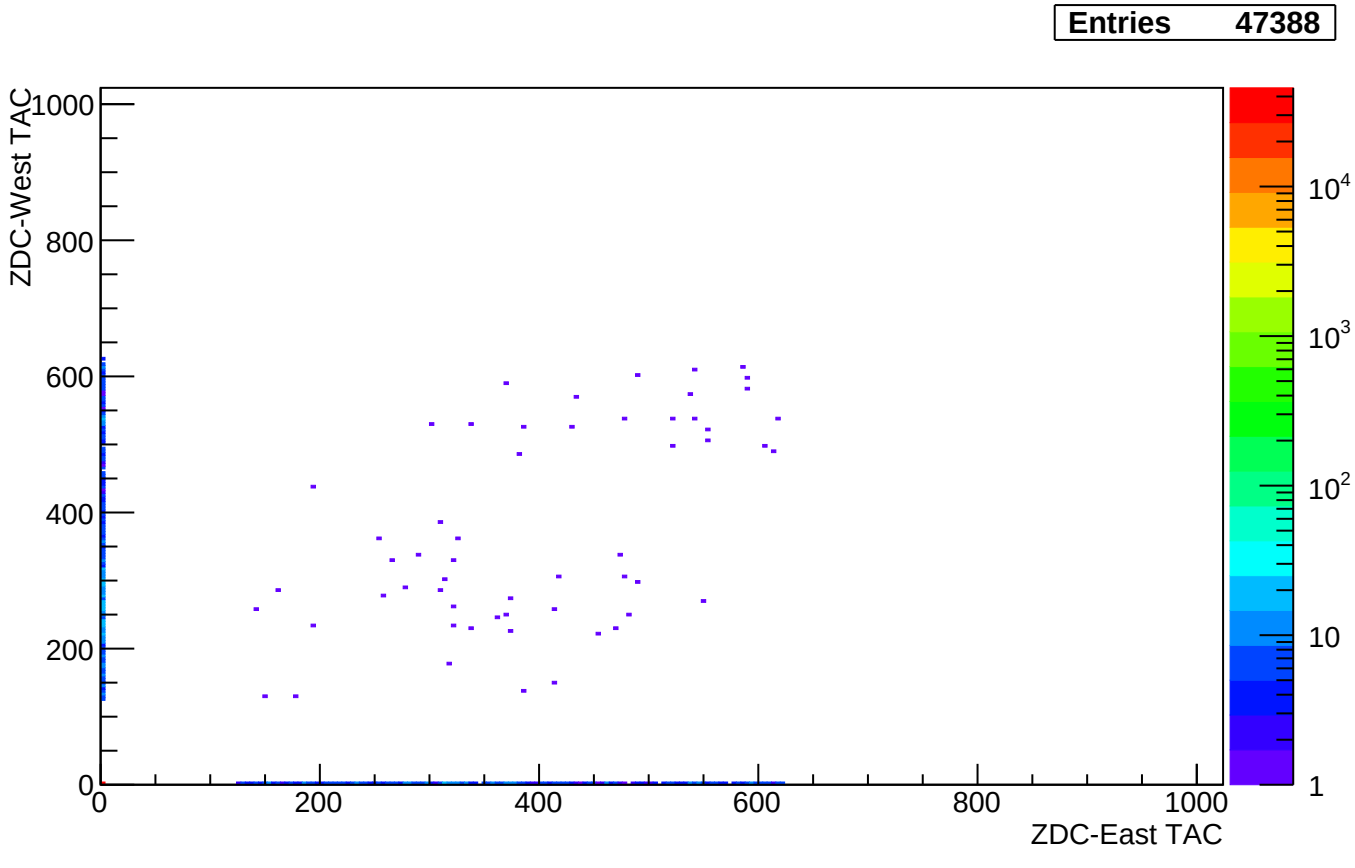

Entries 47388
TOF-Mult
VPD-East ADC Sum

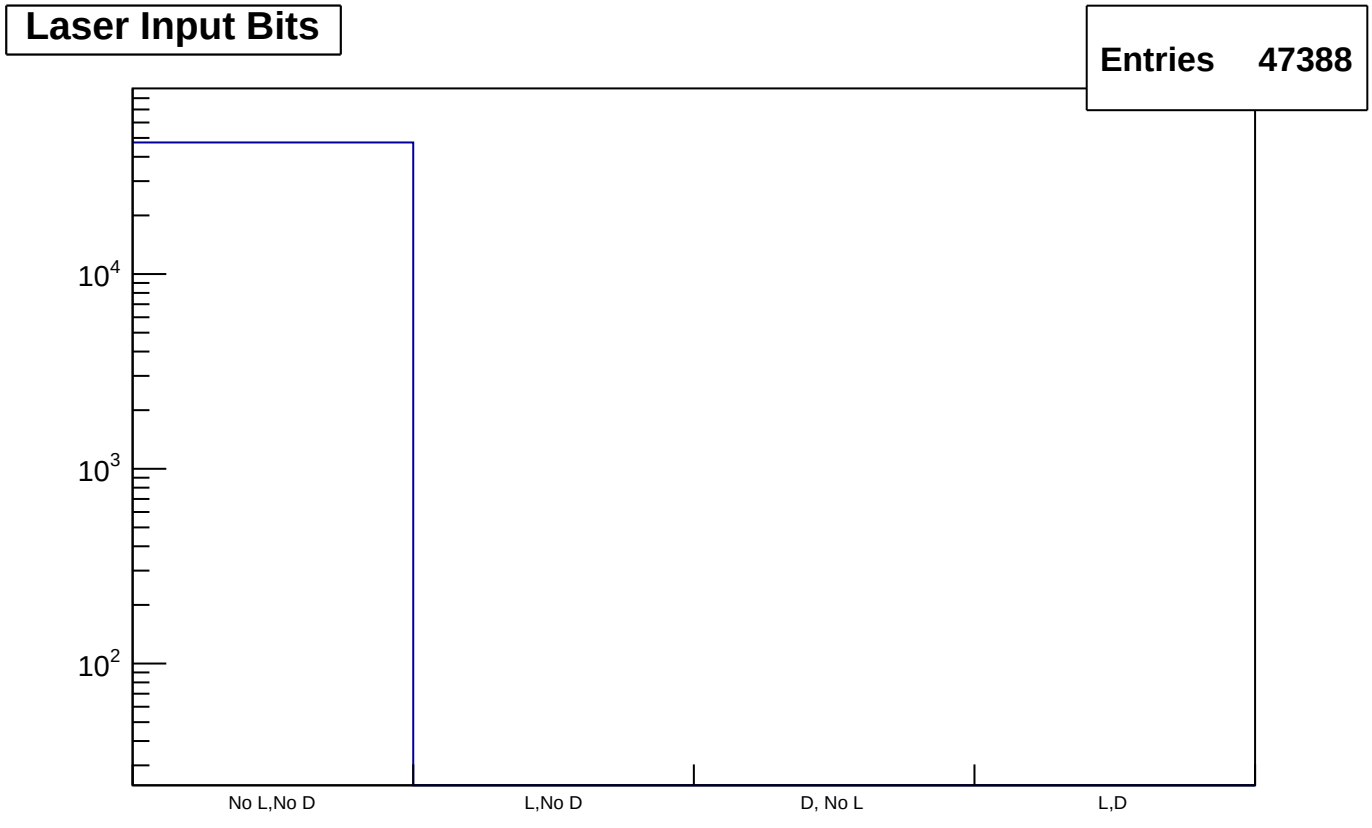

Entries 47388
TOF-Mult
VPD-West ADC Sum

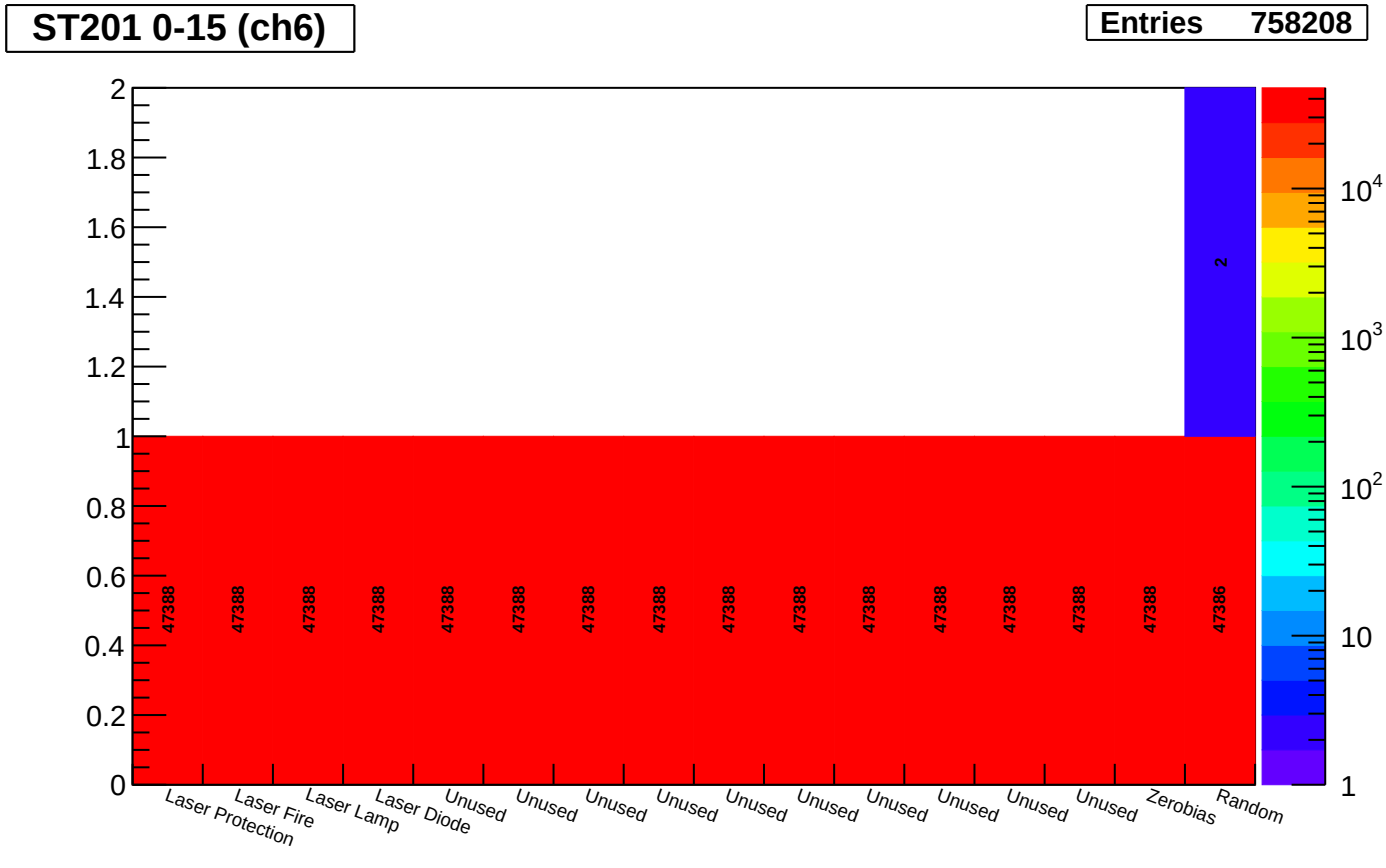

Entries 47388
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

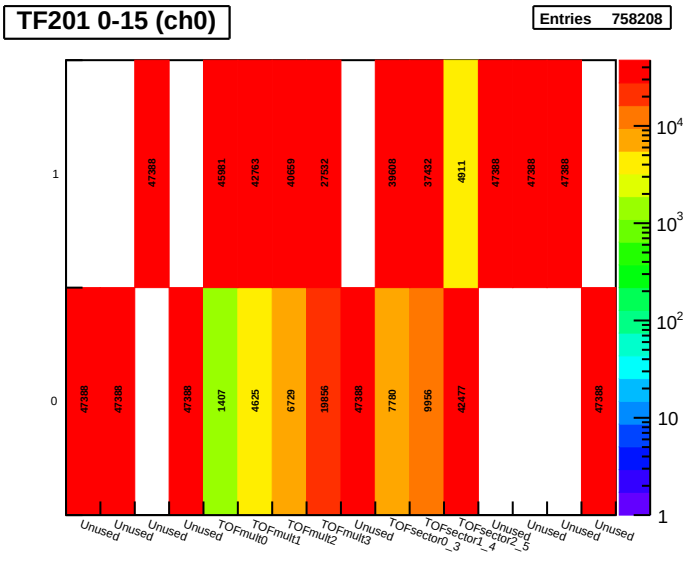

Entries 47388
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

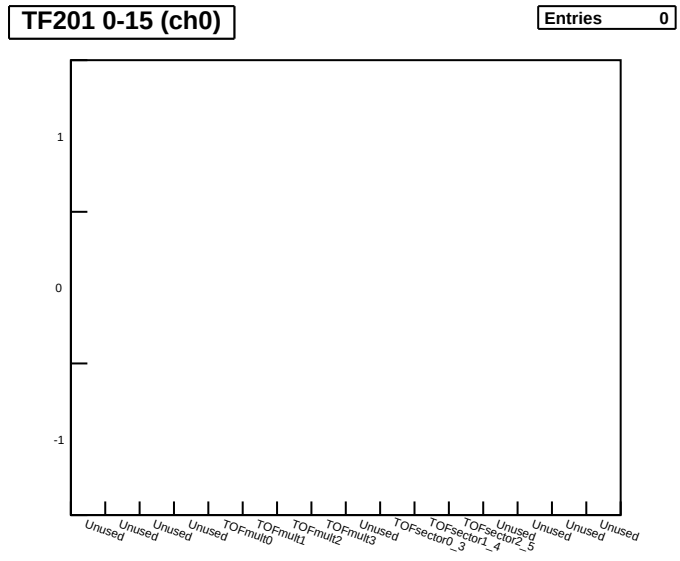

Entries 47388
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

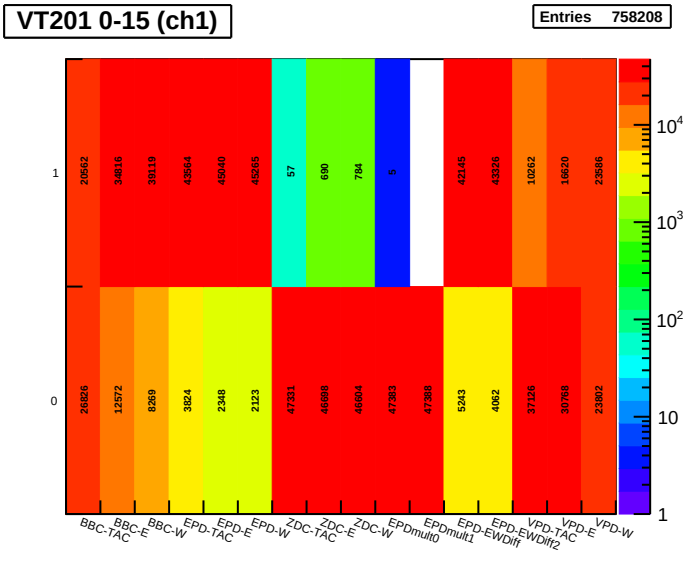

Entries 47388
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

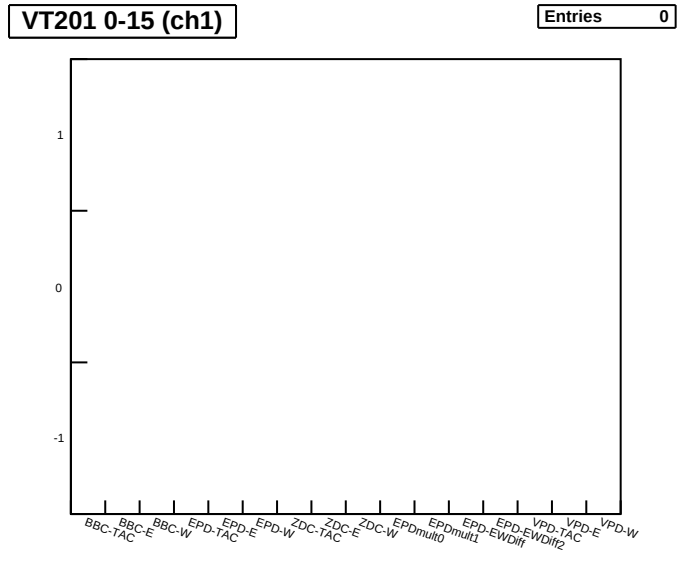

Laser Input Bits
Entries 47388
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

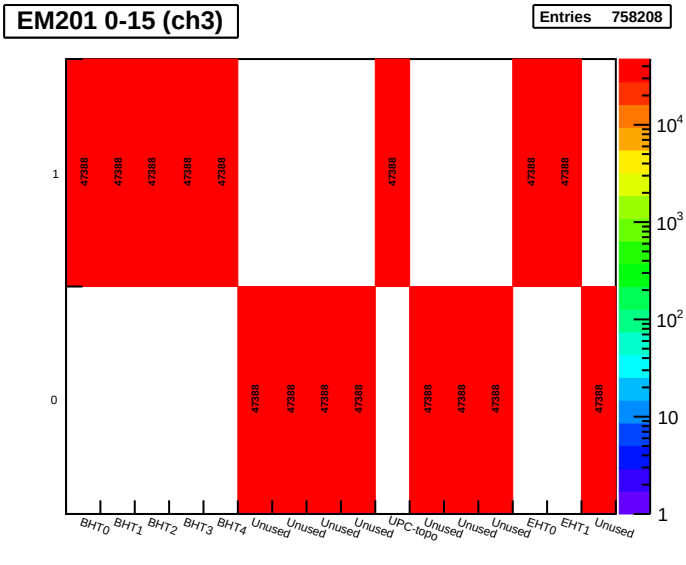

ST201 0-15 (ch6)
Entries 758208
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
47388
47386
2
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

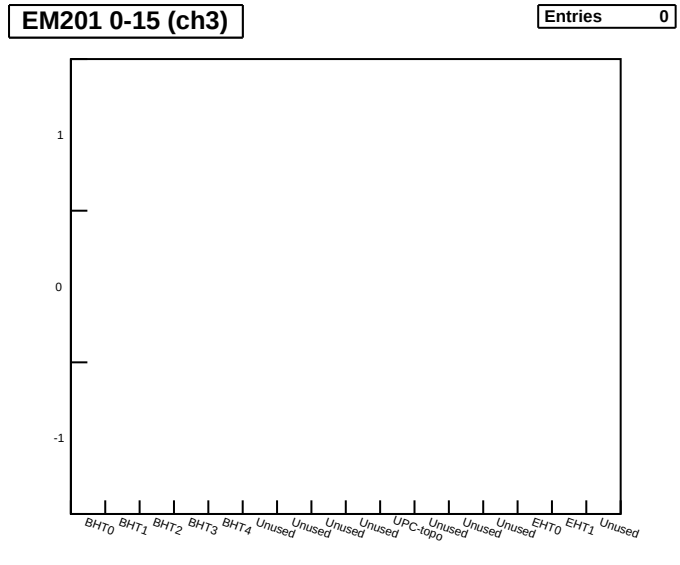

TF201 0-15 (ch0)
Entries 758208
1
0
47388 45981 42763 40659 27532 39608 37432 4911 47388 47388 47388
47388 47388 47388 1407 4625 6729 19856 47388 7780 9956 42477 47388
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
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 758208
1
0
20562 34816 38119 43564 45040 45265 57 690 784 5 42145 43326 10262 16620 23586
26826 12572 8269 3824 2348 2123 47331 46698 46604 47383 47388 5243 4062 37126 30766 23802
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 758208
1
0
47388 47388 47388 47388 47388 47388 47388 47388 47388
47388 47388 47388 47388 47388 47388 47388 47388
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